

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116308.D
 Acq On : 16 Aug 2019 8:47
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

mohammad
 8/20/2019 8:36:40 AM

Quant Time: Aug 16 11:52:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	170025	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	719676	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	387650	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	678693	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	476362	20.00	ng	-0.02
87) Perylene-d12	15.44	264	493464	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	893152	87.94	ng	-0.03
7) Phenol-d6	6.47	99	1082304	84.46	ng	-0.02
23) Nitrobenzene-d5	7.39	82	1001053	80.29	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	305144	81.19	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1569008	75.81	ng	-0.03
79) Terphenyl-d14	12.92	244	1839655	81.38	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.53	88	208980	40.730	ng	99
3) Pyridine	3.28	79	558903	38.994	ng	99
4) n-Nitrosodimethylamine	3.25	42	227145m	40.158	ng	
6) Aniline	6.49	93	733559	39.973	ng	# 79
8) 2-Chlorophenol	6.61	128	496069	44.170	ng	97
9) Benzaldehyde	6.37	77	349625	39.543	ng	99
10) Phenol	6.48	94	622243	41.236	ng	99
11) bis(2-Chloroethyl)ether	6.56	93	489544	44.126	ng	98
12) 1,3-Dichlorobenzene	6.76	146	543118	41.844	ng	97
13) 1,4-Dichlorobenzene	6.84	146	551682	42.450	ng	97
14) 1,2-Dichlorobenzene	6.99	146	499613	41.751	ng	99
15) Benzyl Alcohol	6.97	79	378034	38.874	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	631699	41.744	ng	83
17) 2-Methylphenol	7.08	107	404911	42.578	ng	99
18) Hexachloroethane	7.33	117	204847	42.812	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	330498	41.621	ng	98
20) 3+4-Methylphenols	7.24	107	473471	42.073	ng	98
22) Acetophenone	7.23	105	618461	39.184	ng	99
24) Nitrobenzene	7.41	77	559178	41.537	ng	99
25) Isophorone	7.65	82	1032257	43.299	ng	99
26) 2-Nitrophenol	7.72	139	279836	44.097	ng	100
27) 2,4-Dimethylphenol	7.76	122	389228	40.769	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	628786	42.553	ng	99
29) 2,4-Dichlorophenol	7.97	162	429606	42.617	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	465178	40.482	ng	100
31) Naphthalene	8.12	128	1372927	40.540	ng	100
32) Benzoic acid	7.93	122	251446	37.356	ng	99
33) 4-Chloroaniline	8.17	127	613256	40.528	ng	100
34) Hexachlorobutadiene	8.24	225	268858	40.621	ng	99
35) Caprolactam	8.57	113	139845m	42.893	ng	
36) 4-Chloro-3-methylphenol	8.67	107	456196	43.501	ng	96
37) 2-Methylnaphthalene	8.82	142	907322	40.680	ng	99
38) 1-Methylnaphthalene	8.91	142	861999	40.852	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	422704	40.788	ng	100

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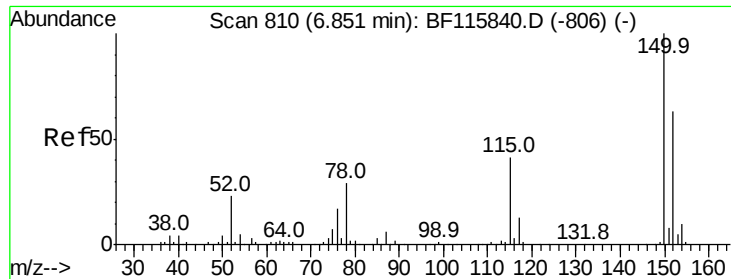
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	152139	36.202	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	273310	38.315	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	286080	38.797	nq	98
46) 1,1'-Biphenyl	9.27	154	1097333	40.096	nq	99
47) 2-Chloronaphthalene	9.30	162	912444	40.058	nq	99
48) 2-Nitroaniline	9.40	65	314210	41.733	nq	91
49) Acenaphthylene	9.72	152	1309089	39.393	nq	100
50) Dimethylphthalate	9.57	163	1112751	42.158	nq	100
51) 2,6-Dinitrotoluene	9.65	165	243607	42.470	nq #	83
52) Acenaphthene	9.89	154	816501	40.050	nq	99
53) 3-Nitroaniline	9.82	138	292706	41.299	nq	100
54) 2,4-Dinitrophenol	9.94	184	85907	34.383	nq	99
55) Dibenzofuran	10.06	168	1095718	36.958	nq	100
56) 4-Nitrophenol	10.00	139	168782	37.174	nq	92
57) 2,4-Dinitrotoluene	10.06	165	283882	37.172	nq #	87
58) Fluorene	10.40	166	933179	40.910	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	236916	38.190	nq	98
60) Diethylphthalate	10.27	149	1024314	41.567	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	476018	41.205	nq	98
62) 4-Nitroaniline	10.45	138	282321	38.544	nq	97
63) Azobenzene	10.55	77	1063658	41.965	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	156354	43.472	nq	91
66) n-Nitrosodiphenylamine	10.52	169	849311	41.576	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	303497	41.773	nq	99
68) Hexachlorobenzene	10.96	284	343731	40.914	nq	99
69) Atrazine	11.04	200	230783	34.341	nq	99
70) Pentachlorophenol	11.16	266	152357	37.353	nq	98
71) Phenanthrene	11.37	178	1392983	40.148	nq	100
72) Anthracene	11.42	178	1435292	40.875	nq	99
73) Carbazole	11.57	167	1315528	41.295	nq	99
74) Di-n-butylphthalate	11.89	149	1602759	43.128	nq	100
75) Fluoranthene	12.56	202	1474538	40.595	nq	99
77) Benzidine	12.67	184	673645	41.858	nq	99
78) Pyrene	12.79	202	1480364	41.226	nq	99
80) Butylbenzylphthalate	13.39	149	684993	45.096	nq	97
81) Benzo(a)anthracene	13.97	228	1301009	42.730	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	452899	42.815	nq	100
83) Chrysene	14.01	228	1260863	42.655	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	910768	46.141	nq #	98
85) Di-n-octyl phthalate	14.55	149	1423940	45.417	nq	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	1132707	45.624	nq	99
88) Benzo(b)fluoranthene	15.02	252	1210783	42.435	nq	99
89) Benzo(k)fluoranthene	15.04	252	1030839m	37.092	nq	
90) Benzo(a)pyrene	15.38	252	1041868	40.848	nq	98
91) Dibenzo(a,h)anthracene	16.91	278	931327	42.183	nq	98
92) Benzo(g,h,i)perylene	17.34	276	926202	42.716	nq	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

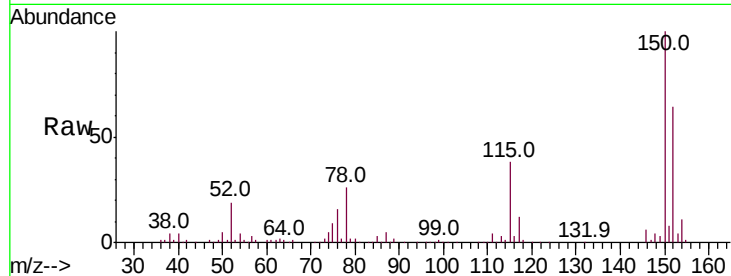
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	60.2	49.9	74.9

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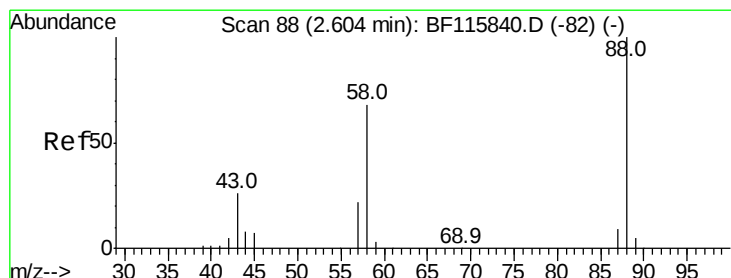
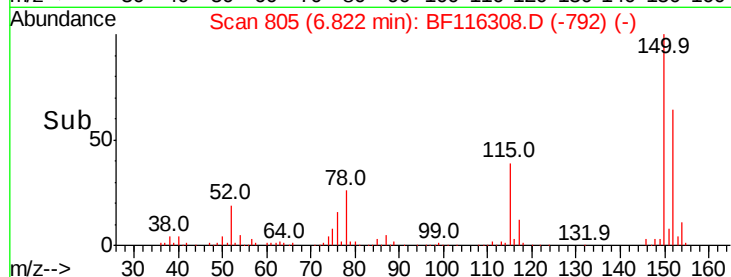
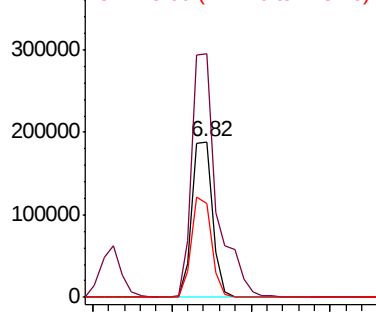


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

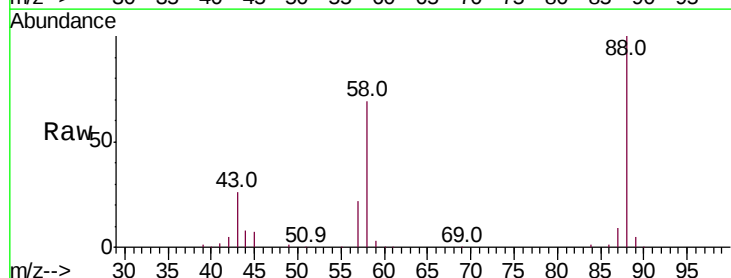
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.730 ng
RT: 2.53 min Scan# 75
Delta R.T. -0.08 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.5	53.7	80.5
43	25.8	21.0	31.4

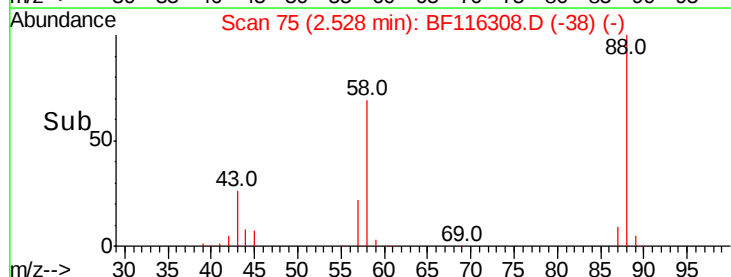
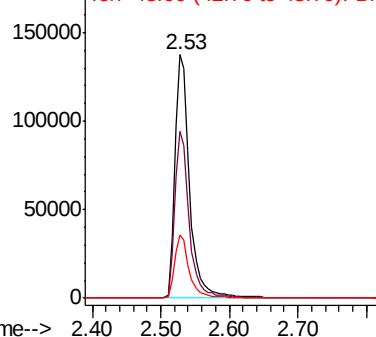


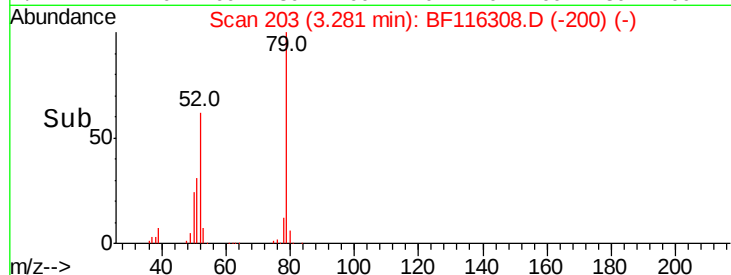
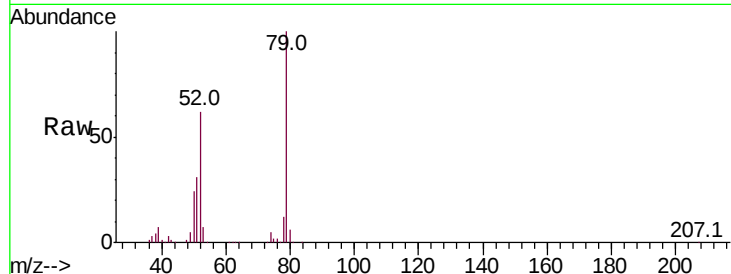
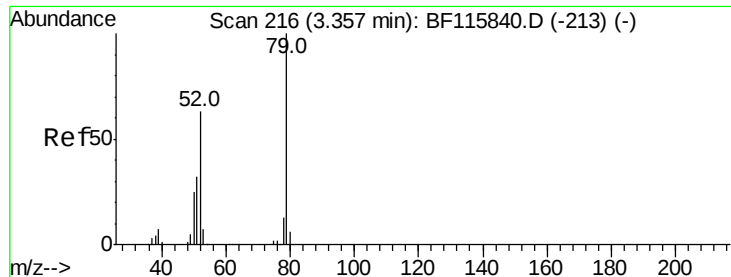
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





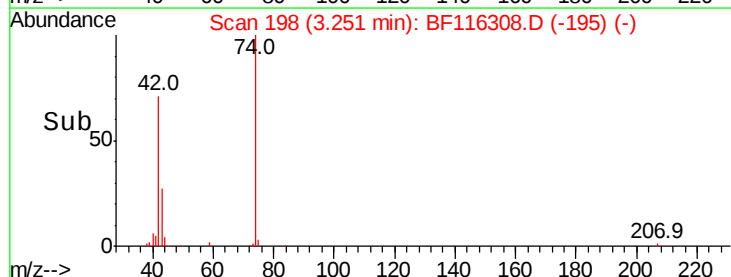
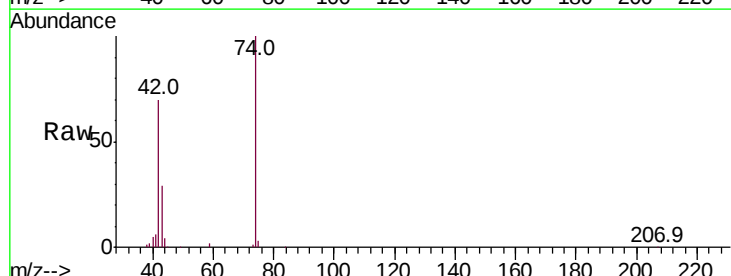
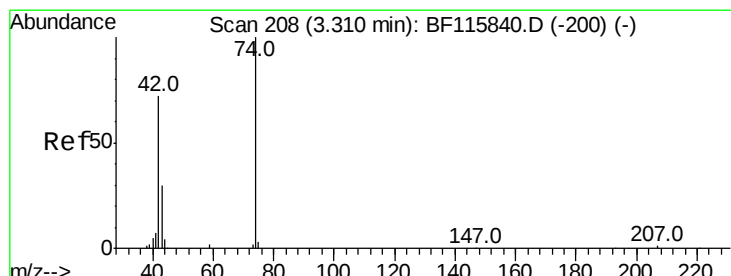
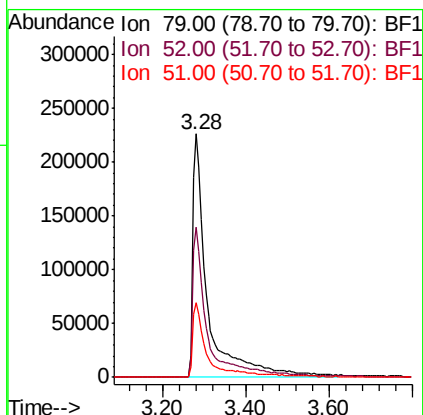
#3
Pvridine
Concen: 38.994 ng
RT: 3.28 min Scan# 203
Delta R.T. -0.08 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.6	49.8	74.8
51	30.7	25.2	37.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

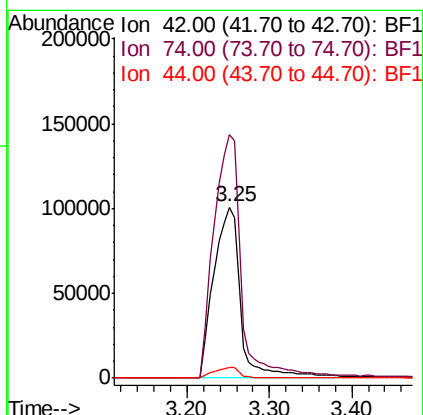
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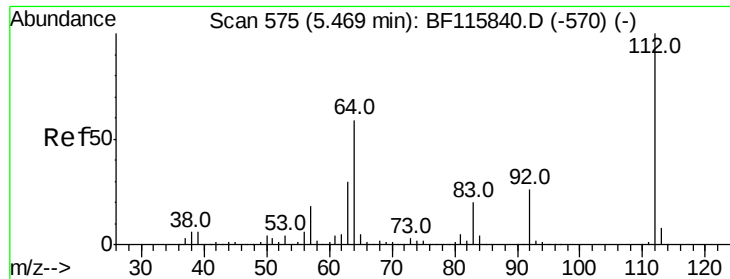
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#4
n-Nitrosodimethylamine
Concen: 40.158 ng m
RT: 3.25 min Scan# 198
Delta R.T. -0.08 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.7	116.0	174.0
44	6.3	4.6	7.0





#5

2-Fluorophenol

Concen: 87.940 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

Instrument :

BNA_F

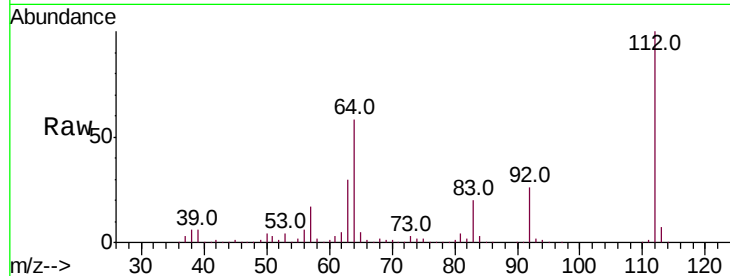
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	893152
Ion Ratio	Lower	Upper	
112	100		
64	57.8	45.4	68.2
63	29.8	23.7	35.5

Manual Integrations
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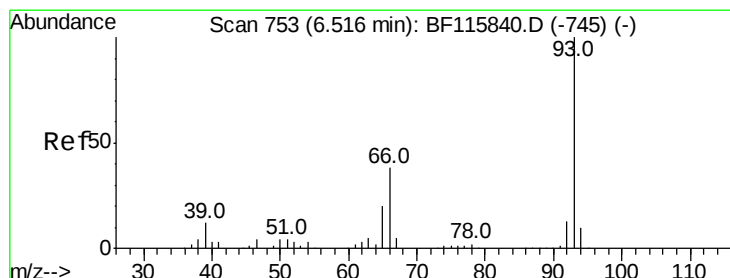
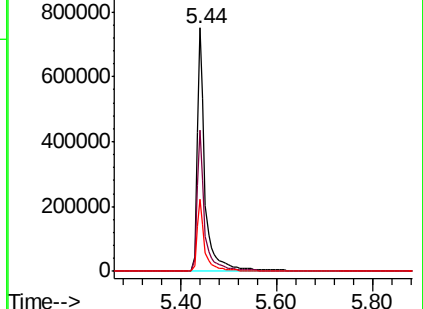
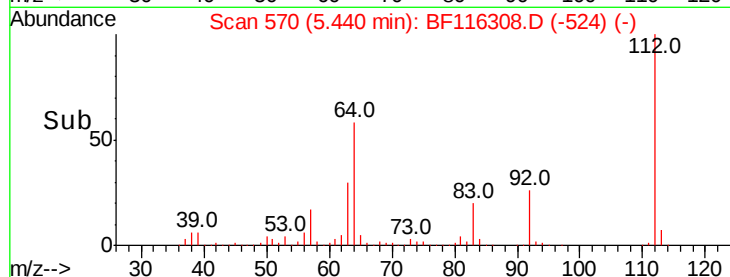
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.973 ng

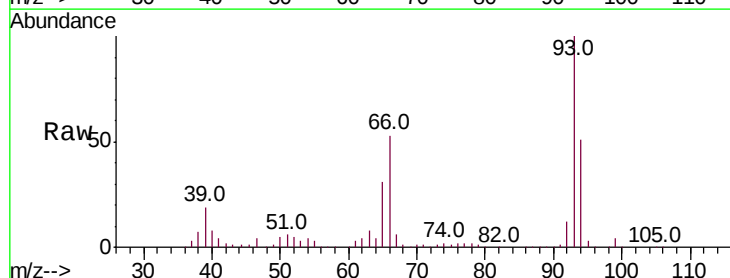
RT: 6.49 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

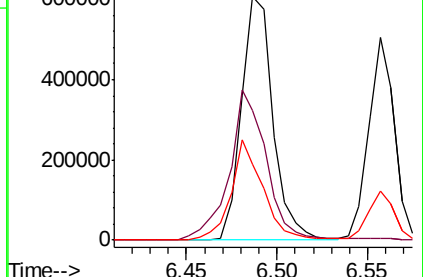
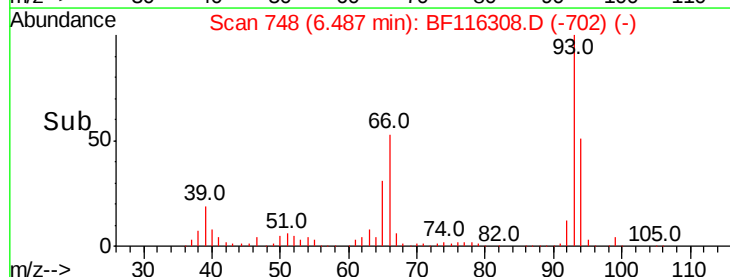
Tgt Ion:	93	Resp:	733559
Ion Ratio	Lower	Upper	
93	100		
66	53.0	32.2	48.4#
65	31.0	17.0	25.6#

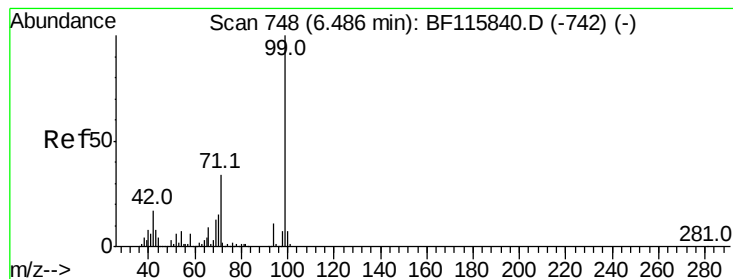


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.462 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1082304

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.8

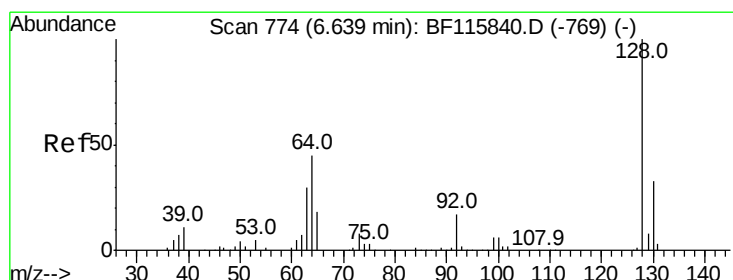
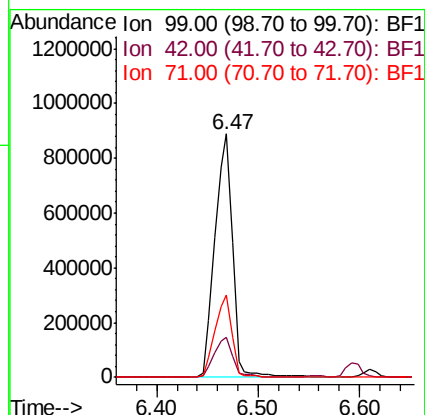
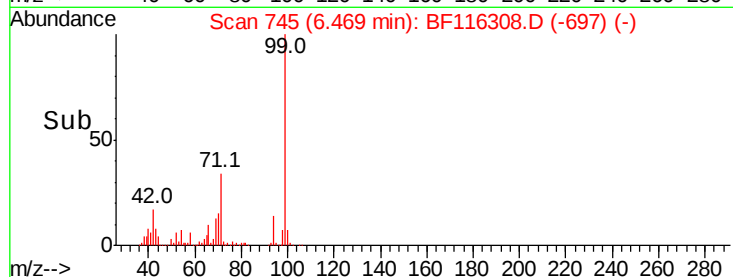
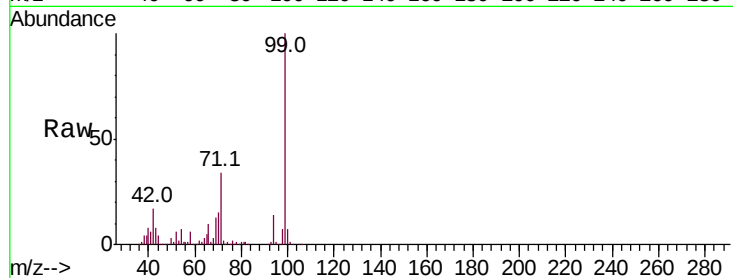
71 33.9 27.3 40.9

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#8

2-Chlorophenol

Concen: 44.170 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

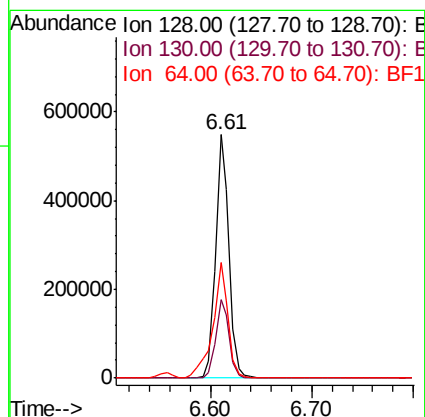
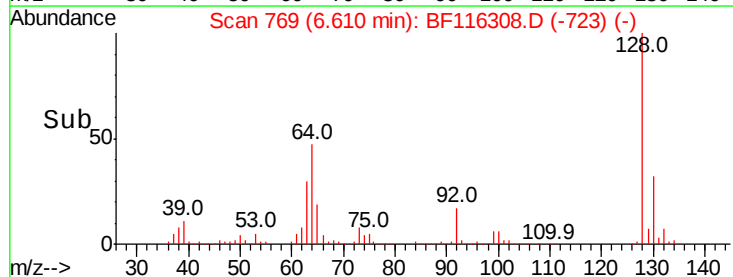
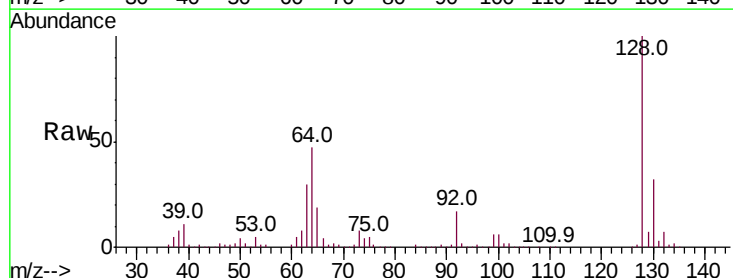
Tgt Ion: 128 Resp: 496069

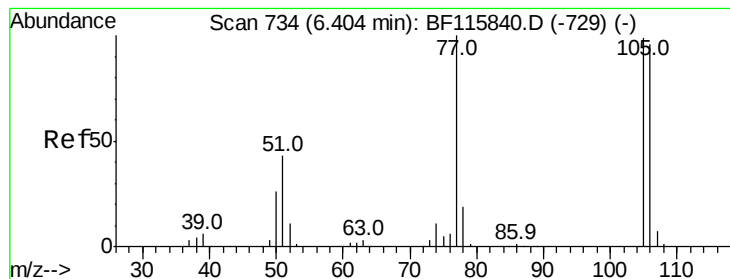
Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

64 47.5 24.3 64.3





#9

Benzaldehyde

Concen: 39.543 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

Instrument :

BNA_F

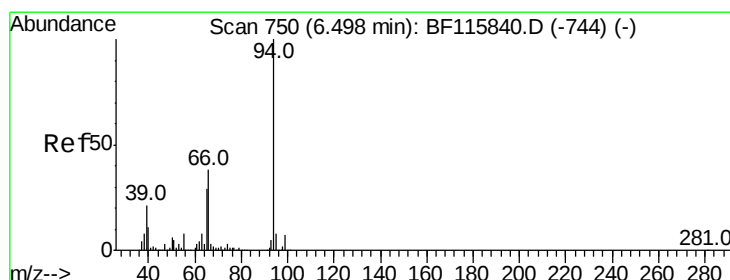
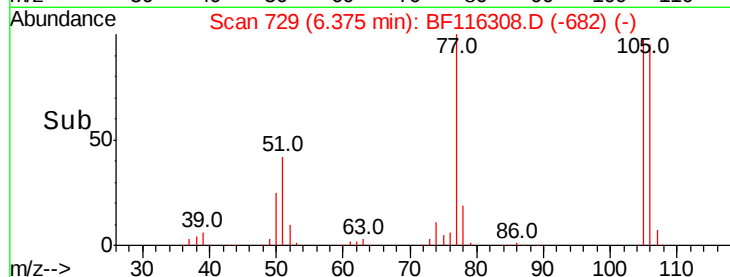
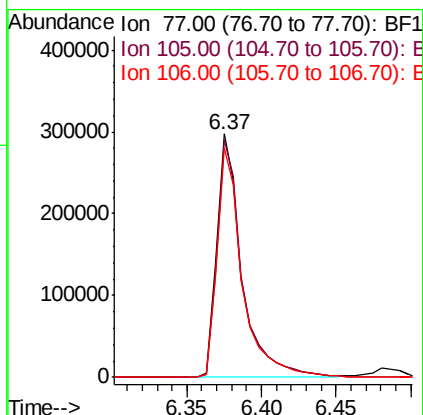
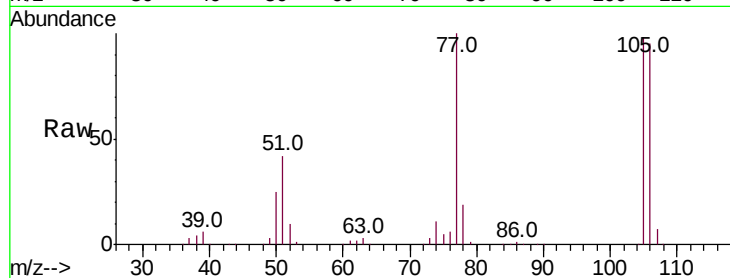
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	349625
Ion Ratio	Lower	Upper	
77	100		
105	97.5	79.2	119.2
106	94.5	74.3	114.3

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#10

Phenol

Concen: 41.236 ng

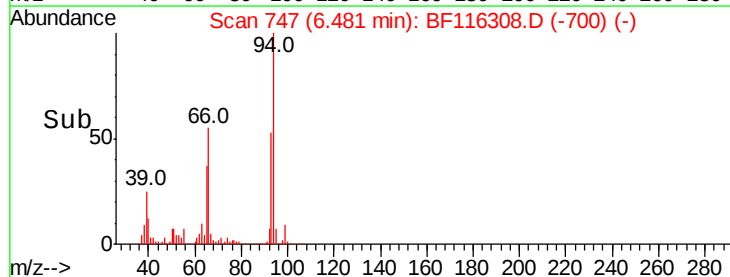
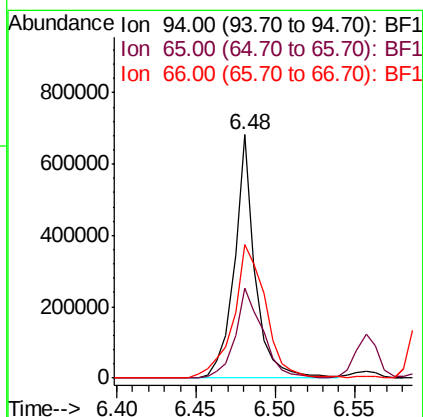
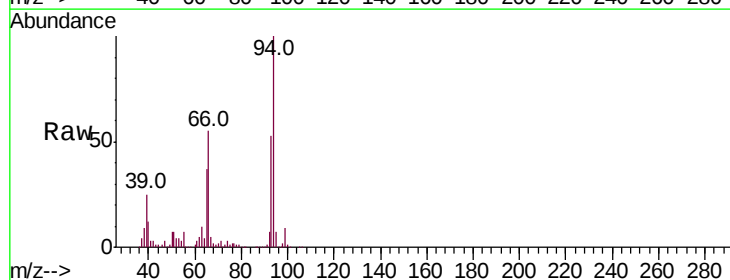
RT: 6.48 min Scan# 747

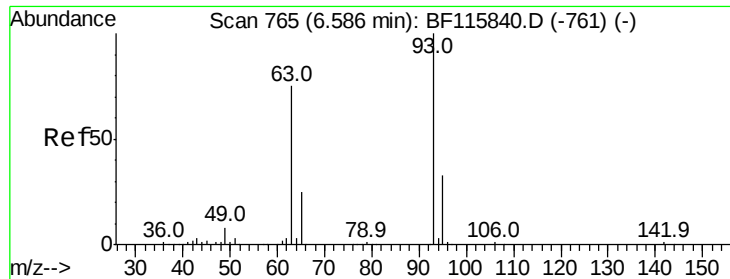
Delta R.T. -0.02 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

Tgt Ion:	94	Resp:	622243
Ion Ratio	Lower	Upper	
94	100		
65	36.8	16.8	56.8
66	55.0	34.2	74.2





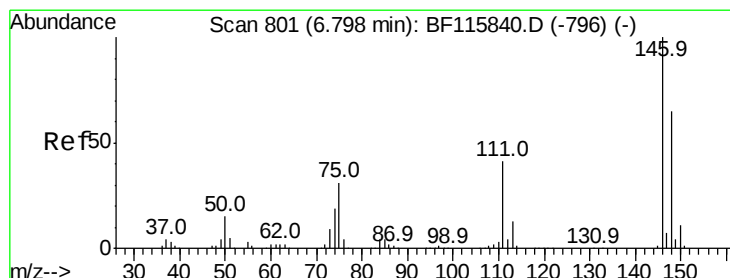
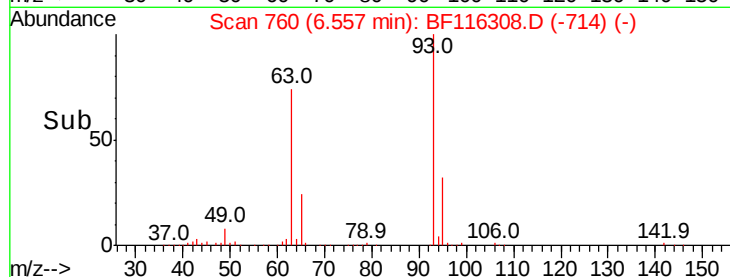
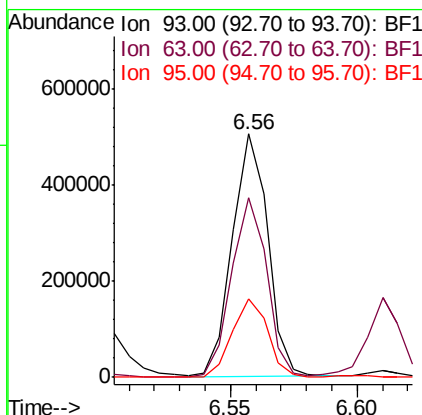
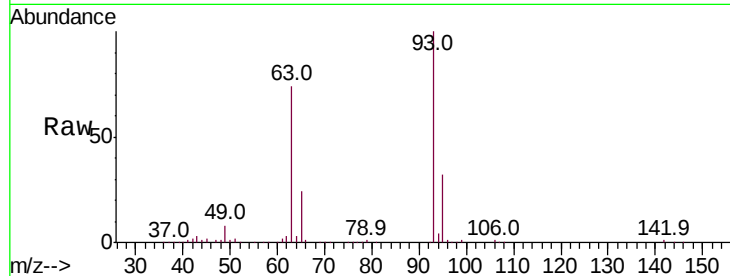
#11
bis(2-Chloroethyl)ether
Concen: 44.126 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	51.9	91.9
95	32.3	13.0	53.0

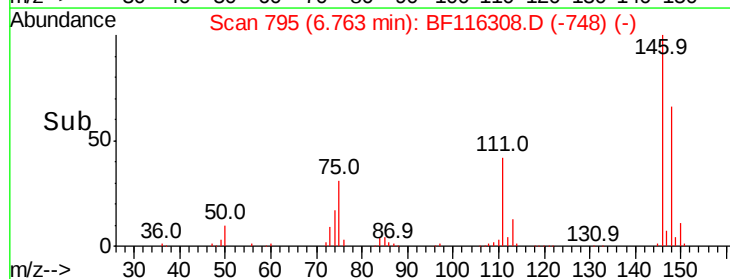
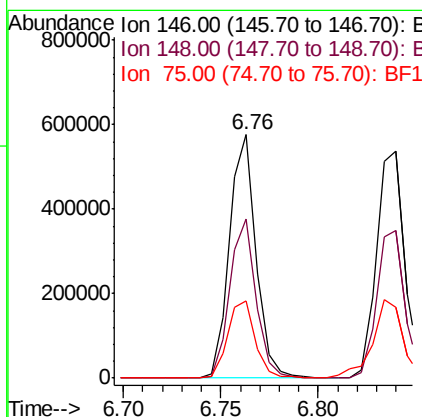
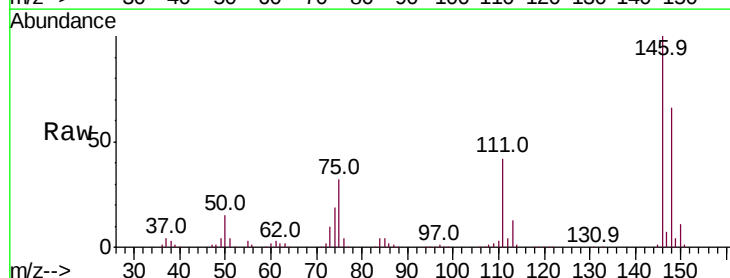
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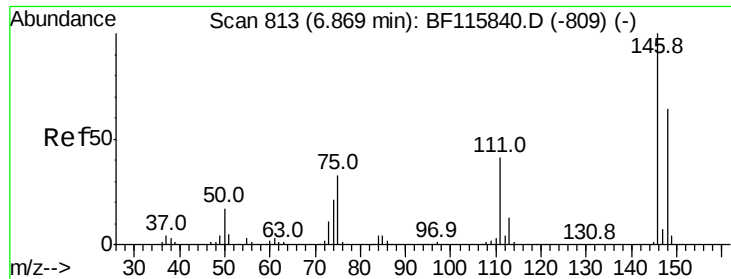
mohammad
8/20/2019 8:36:40 AM



#12
1,3-Dichlorobenzene
Concen: 41.844 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.3	76.9
75	31.8	27.4	41.2





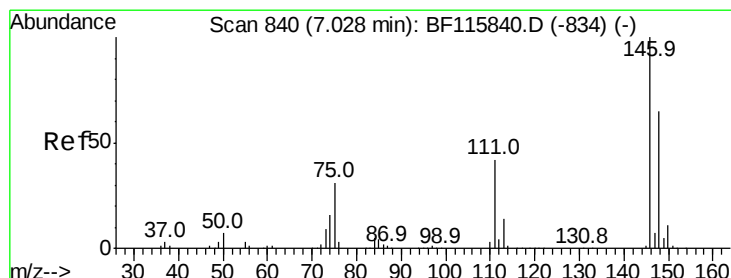
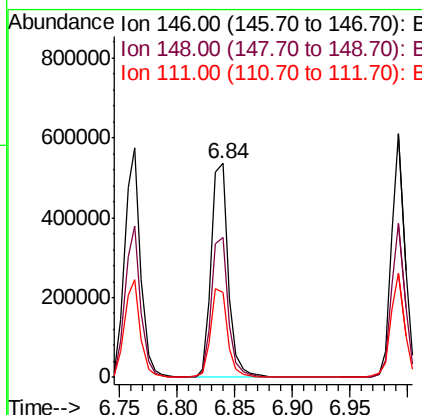
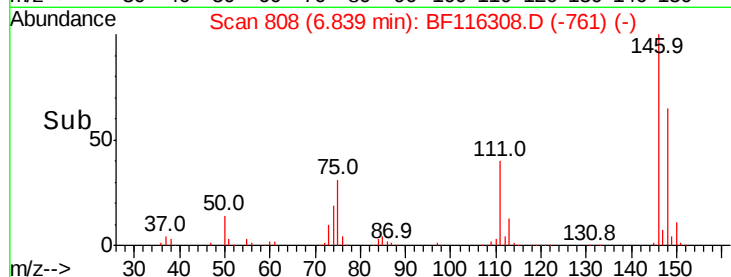
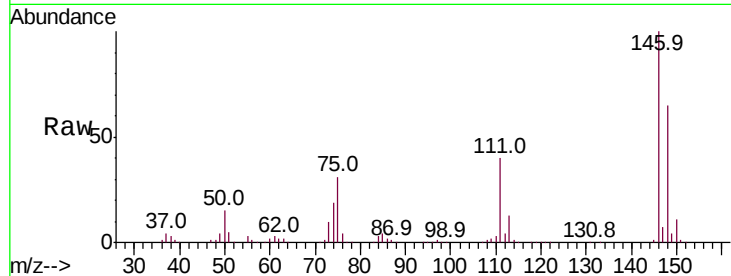
#13
 1,4-Dichlorobenzene
 Concen: 42.450 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
146	100	551682		
148	65.3		51.3	76.9
111	39.9		34.0	51.0

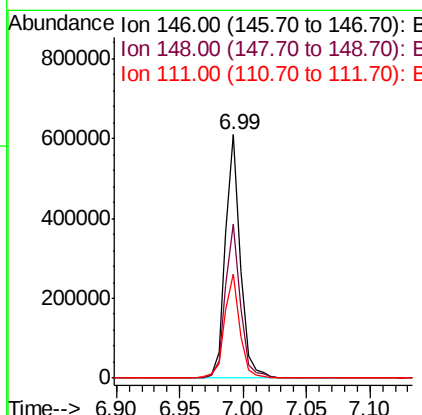
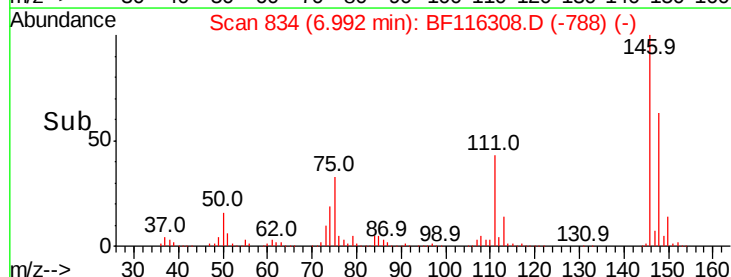
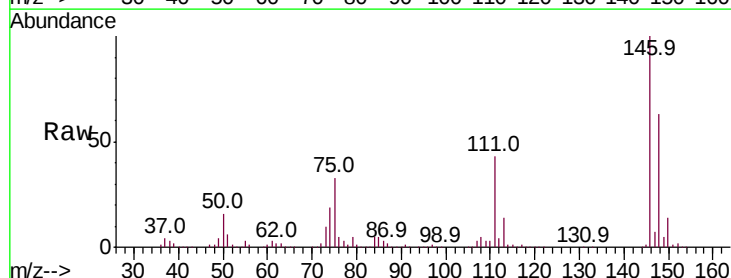
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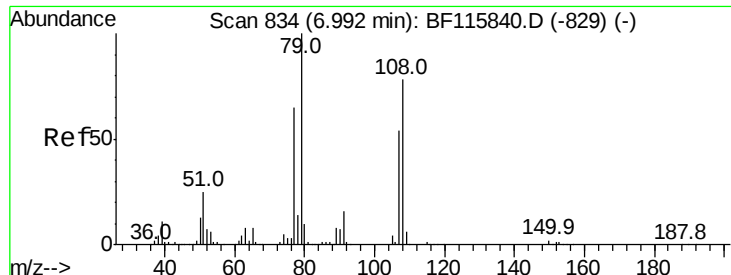
mohammad
 8/20/2019 8:36:40 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.751 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	499613		
148	63.3		51.2	76.8
111	42.7		33.5	50.3





#15

Benzyl Alcohol

Concen: 38.874 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 79 Resp: 378034

Ion Ratio Lower Upper

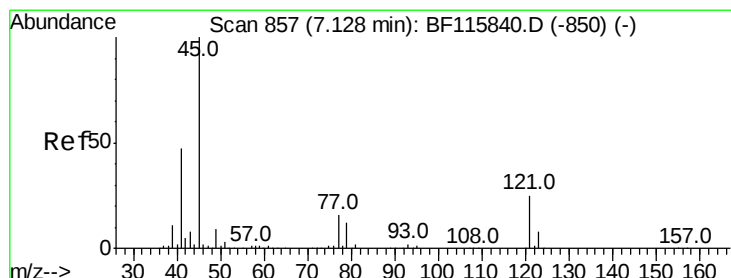
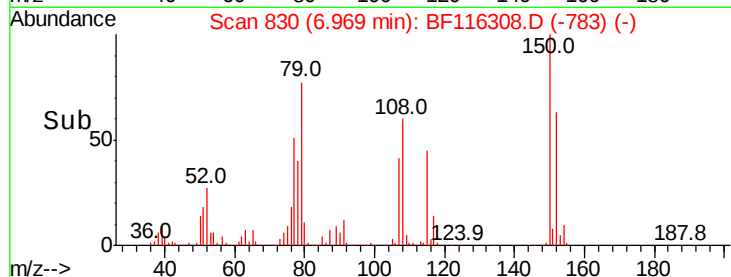
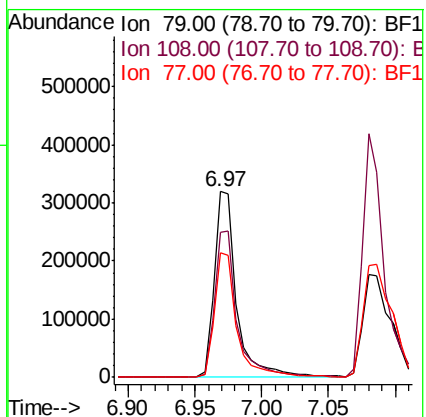
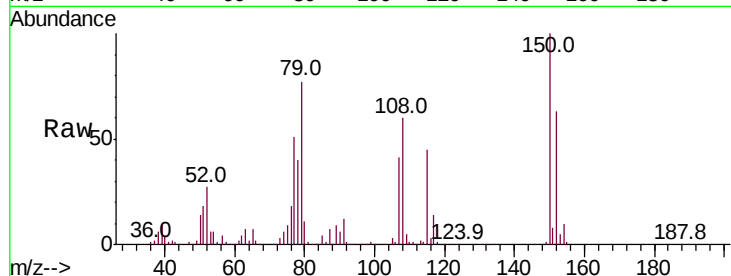
79 100

108 77.7 62.7 94.1

77 66.7 52.2 78.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.744 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.03 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

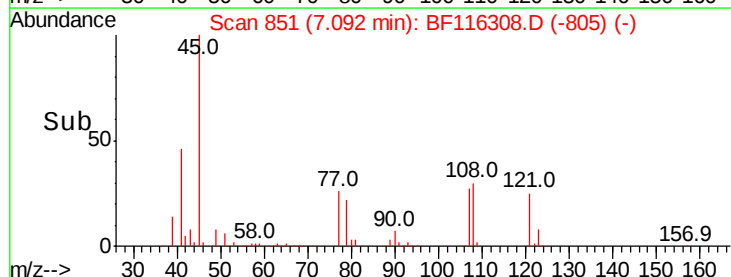
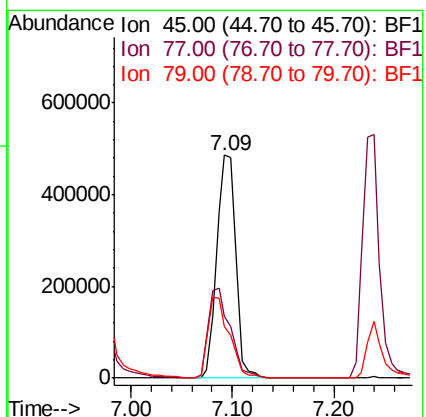
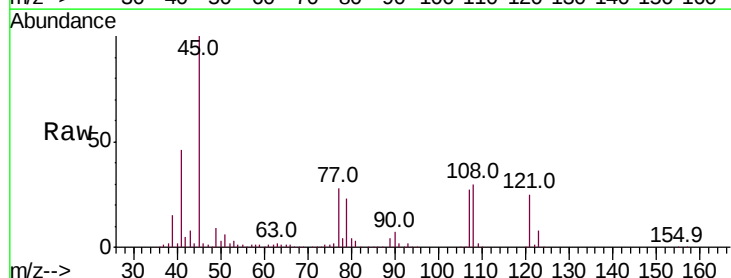
Tgt Ion: 45 Resp: 631699

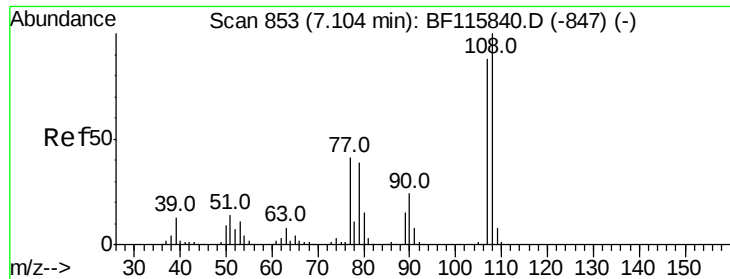
Ion Ratio Lower Upper

45 100

77 27.6 0.0 40.0

79 23.0 0.0 35.9





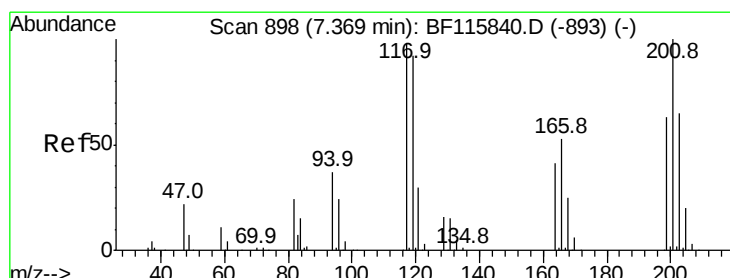
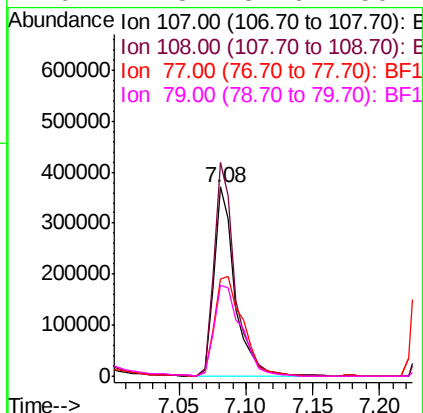
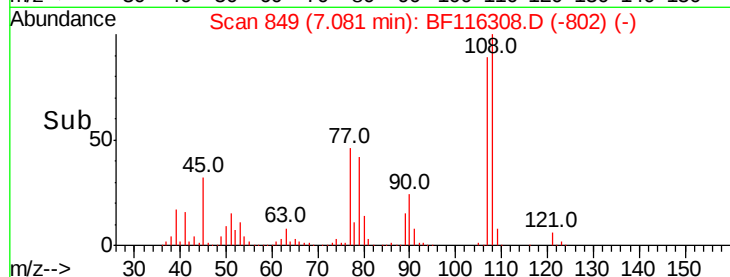
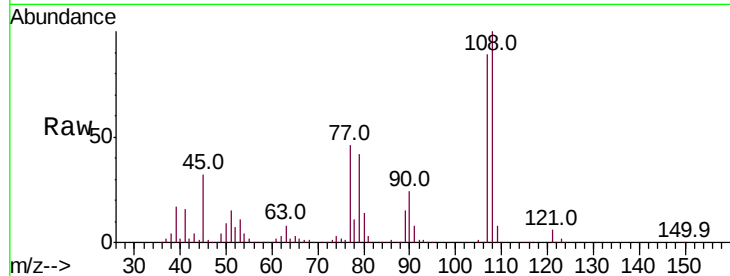
#17
2-Methylphenol
Concen: 42.578 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	404911
Ion Ratio	Lower	Upper	
107	100		
108	113.0	91.2	136.8
77	51.6	40.3	60.5
79	47.8	37.6	56.4

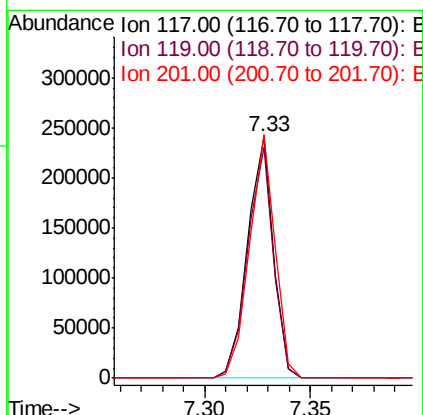
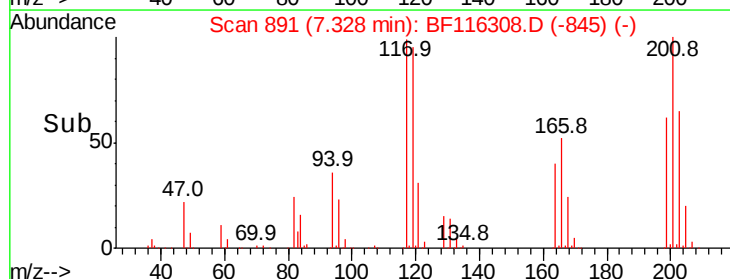
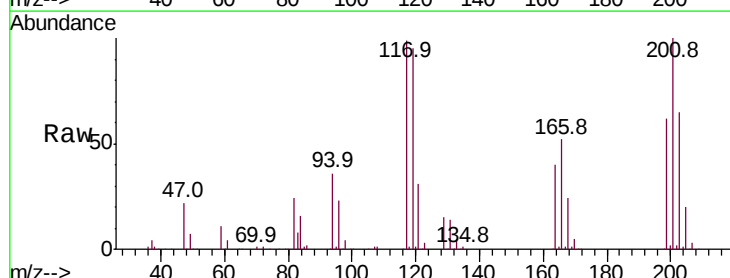
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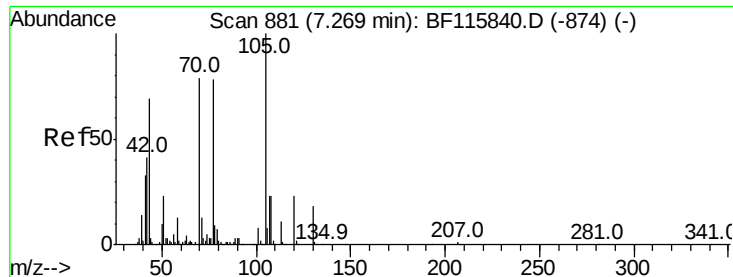
mohammad
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#18
Hexachloroethane
Concen: 42.812 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion:	117	Resp:	204847
Ion Ratio	Lower	Upper	
117	100		
119	95.4	76.1	114.1
201	100.8	77.0	115.4





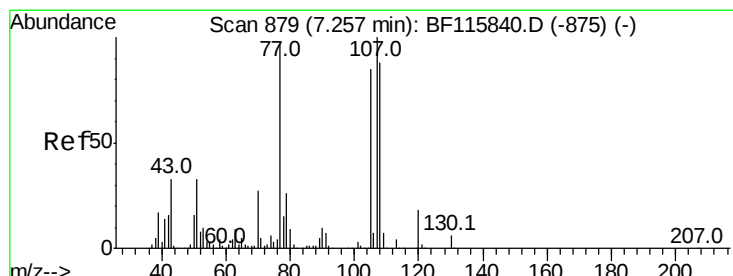
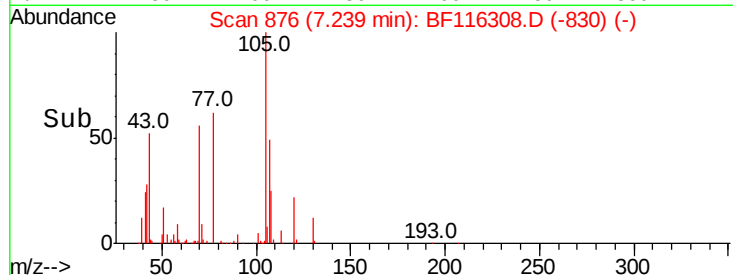
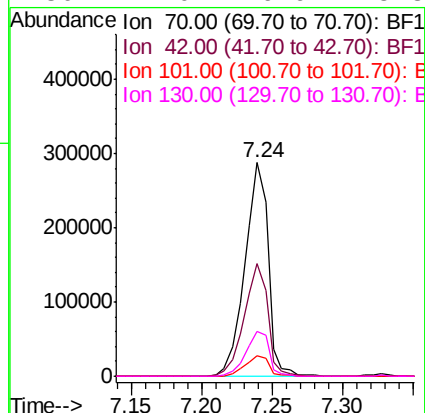
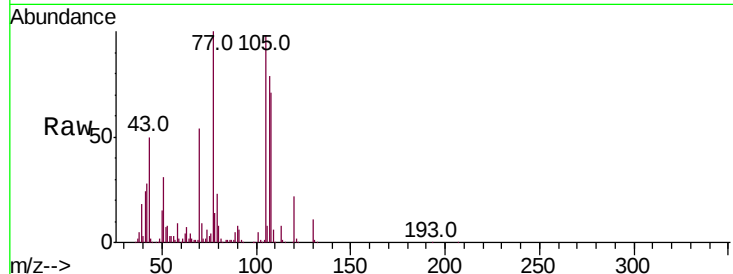
#19
n-Nitroso-di-n-propylamine
Concen: 41.621 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.6	40.9	61.3		
101	9.5	7.9	11.9		
130	21.0	16.9	25.3		

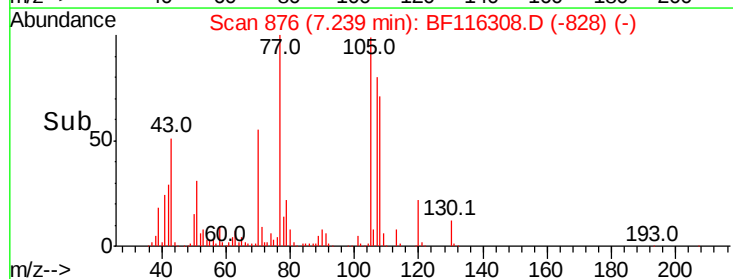
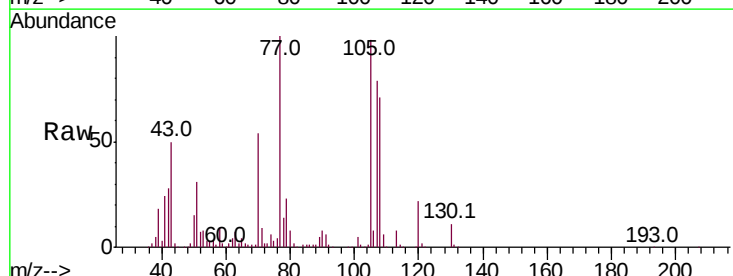
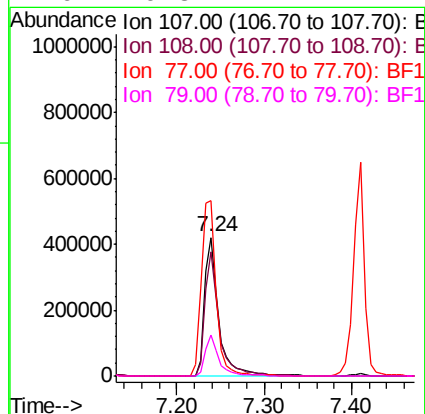
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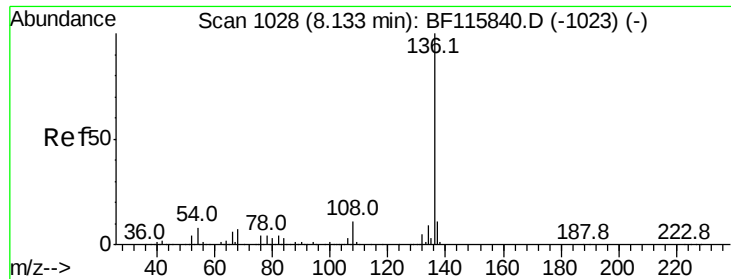
mohammad
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#20
3+4-Methylphenols
Concen: 42.073 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.3	67.6	107.6		
77	125.9	104.4	144.4		
79	29.3	7.4	47.4		





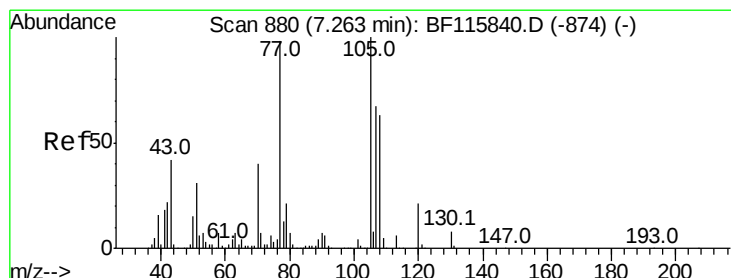
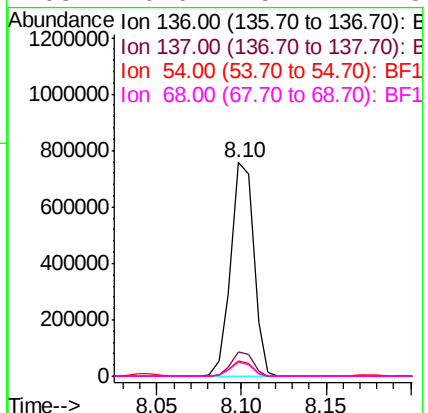
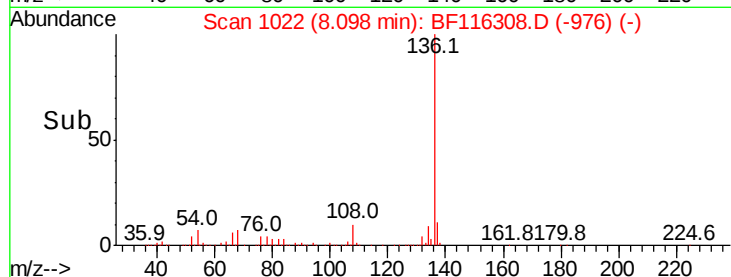
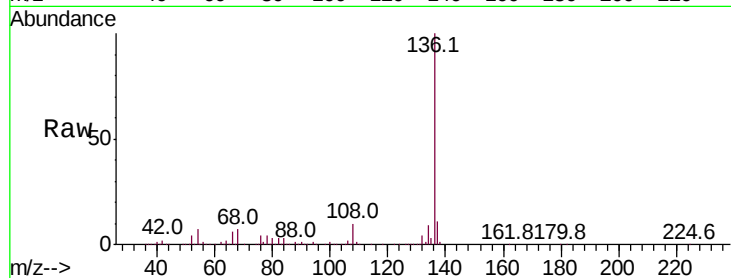
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.0	13.4	
54	7.5	5.8	8.6	
68	6.6	5.2	7.8	

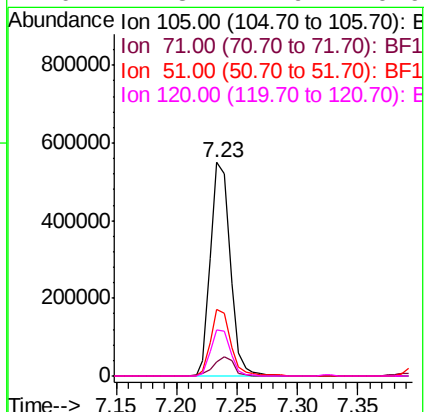
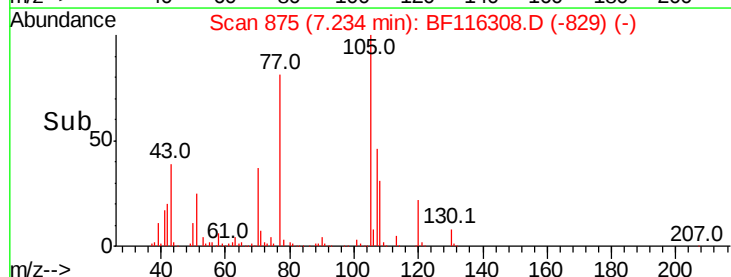
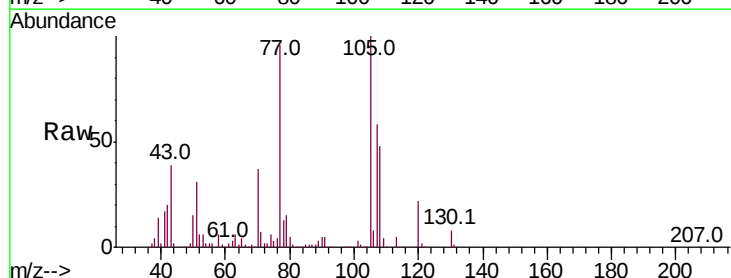
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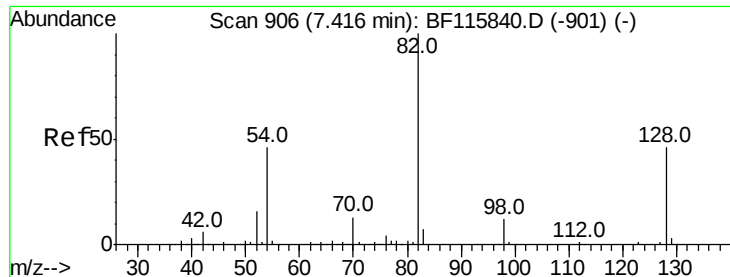
mohammad
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#22
Acetophenone
Concen: 39.184 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.6	5.9	8.9	
51	31.0	25.3	37.9	
120	21.8	17.9	26.9	





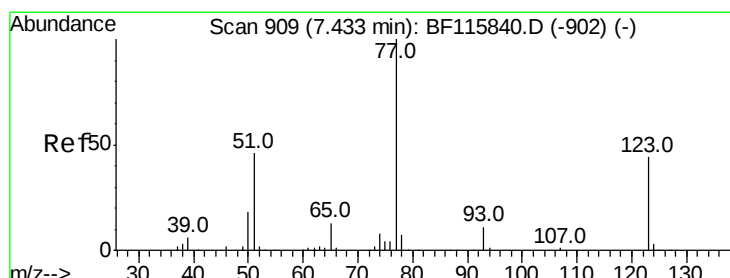
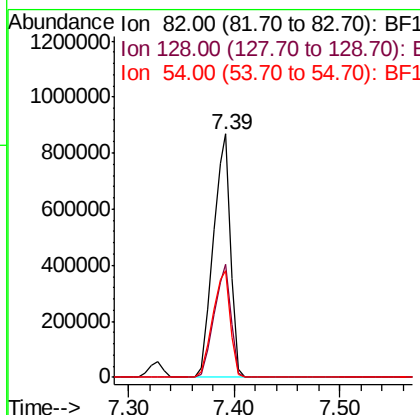
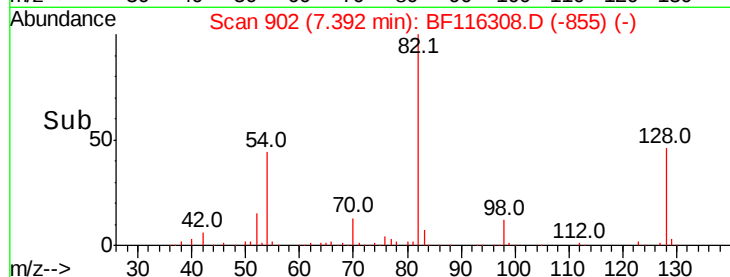
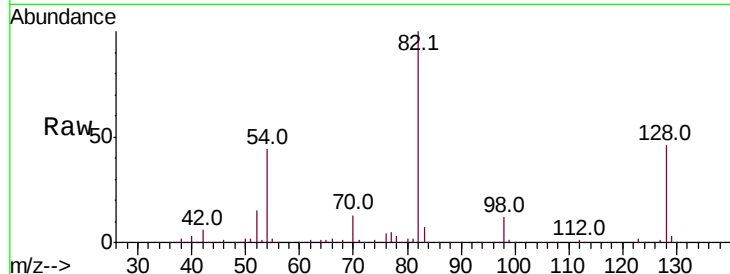
#23
 Nitrobenzene-d5
 Concen: 80.292 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.5	54.7
54	44.0	36.0	54.0

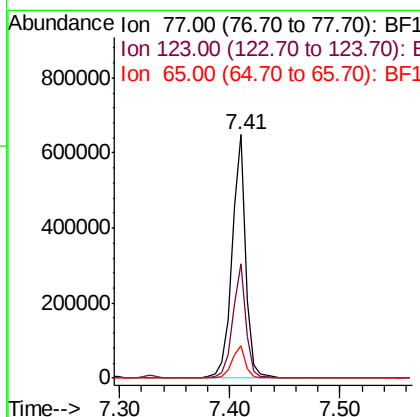
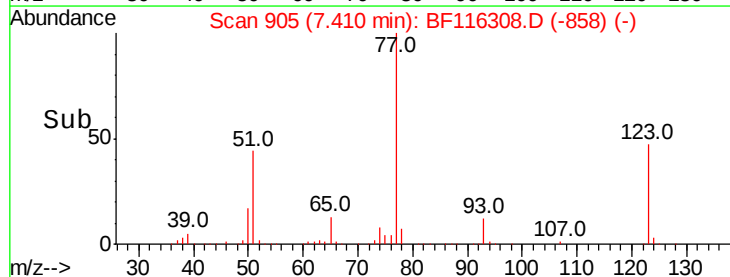
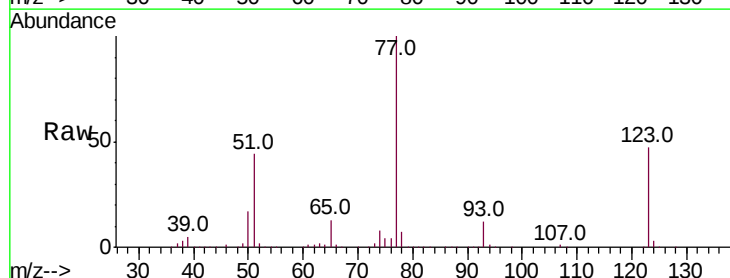
Manual Integrations
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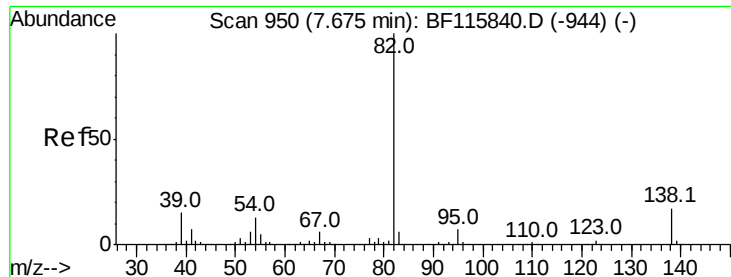
mohammad
 8/20/2019 8:36:40 AM



#24
 Nitrobenzene
 Concen: 41.537 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	36.7	55.1
65	13.2	10.6	16.0





#25

Isophorone

Concen: 43.299 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1032257

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

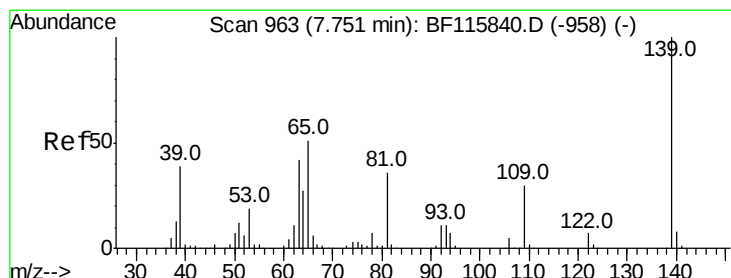
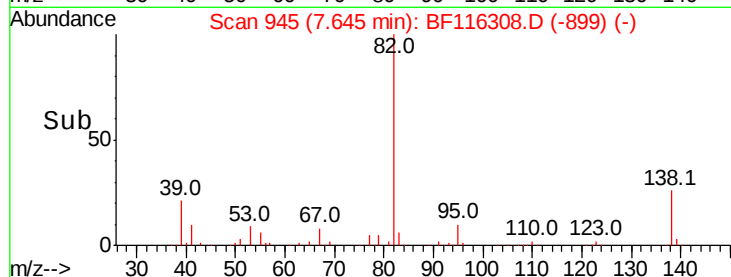
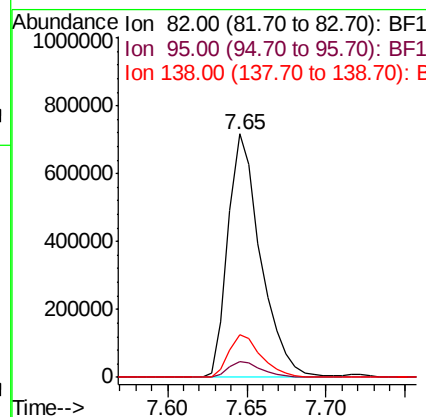
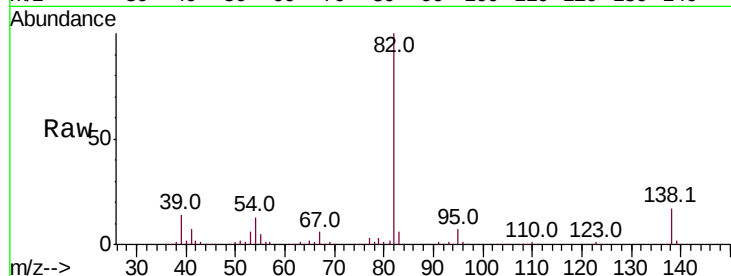
138 17.4 14.5 21.7

Manual Integrations

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mohammad

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#26

2-Nitrophenol

Concen: 44.097 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

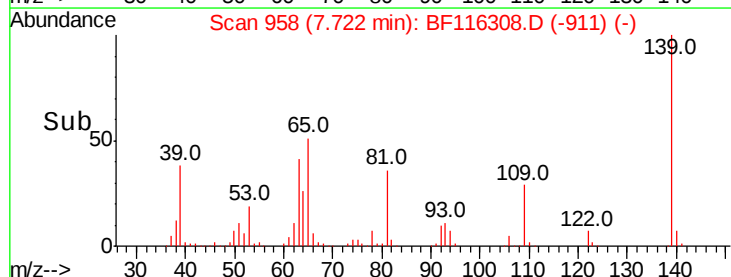
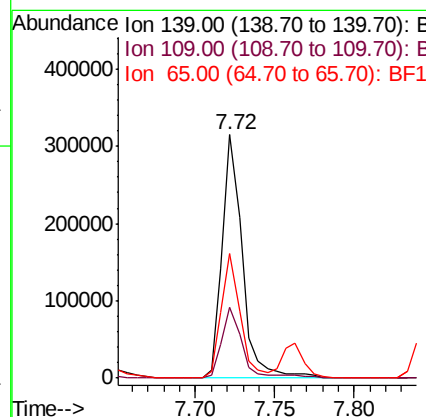
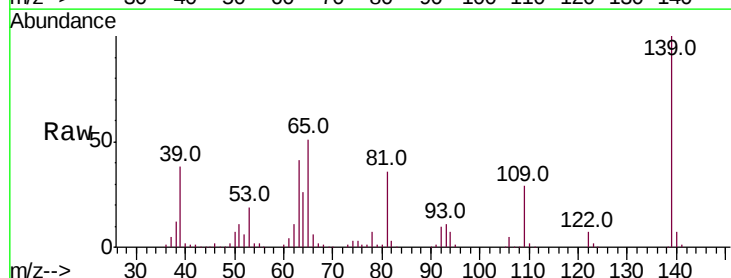
Tgt Ion: 139 Resp: 279836

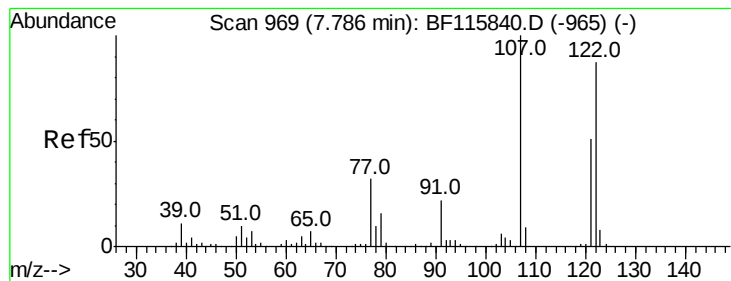
Ion Ratio Lower Upper

139 100

109 29.0 23.4 35.2

65 51.1 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 40.769 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

Instrument :

BNA_F

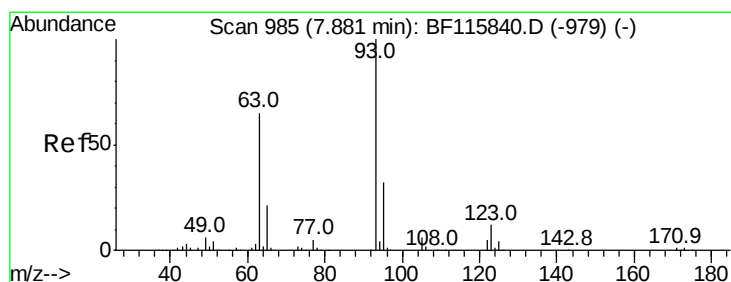
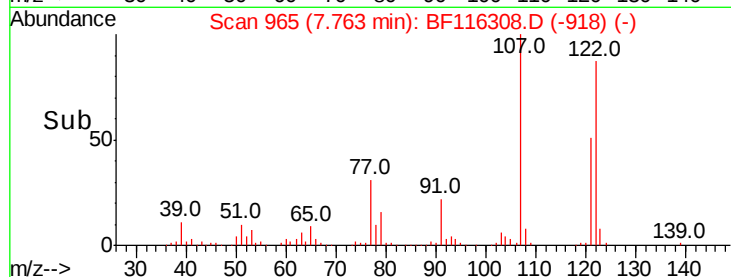
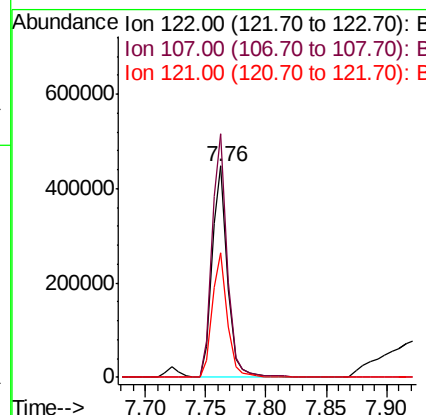
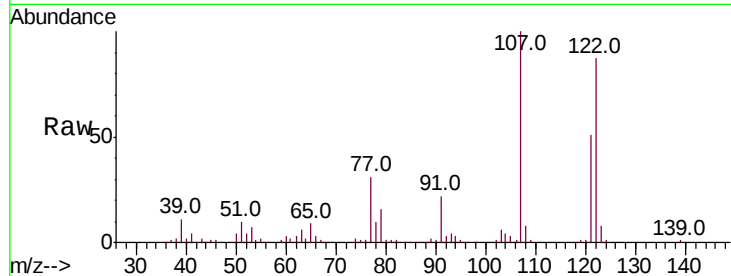
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.3	93.0	139.6
121	58.9	47.6	71.4

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#28

bis(2-Chloroethoxy)methane

Concen: 42.553 ng

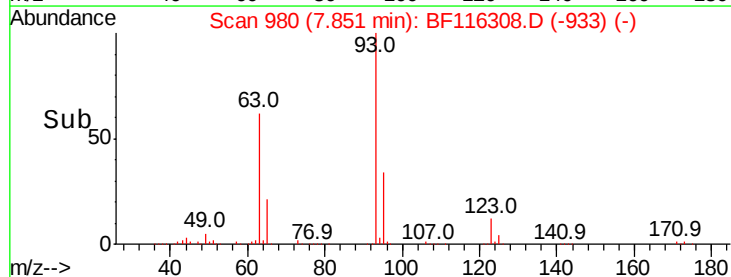
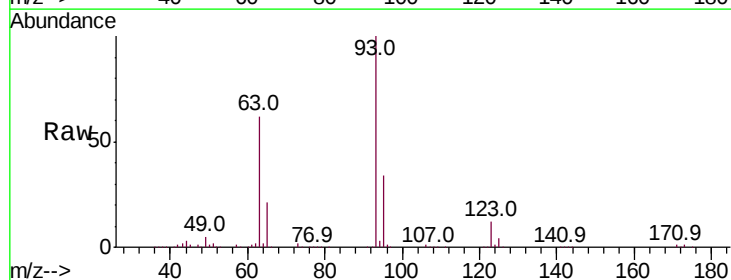
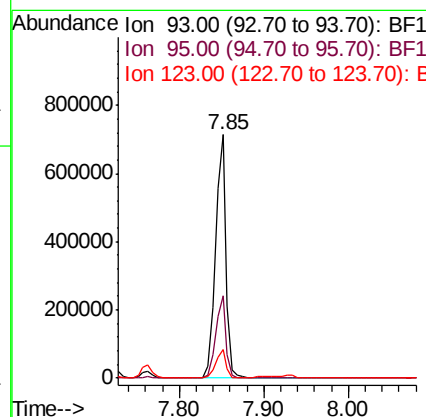
RT: 7.85 min Scan# 980

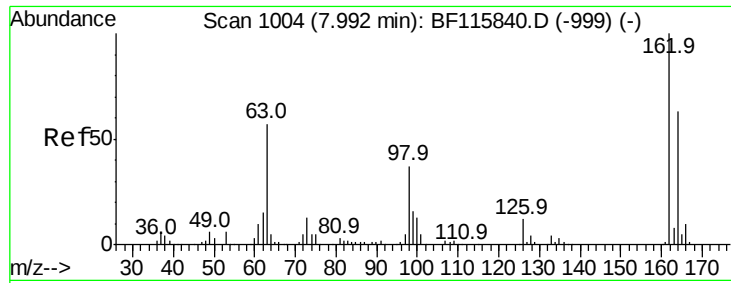
Delta R.T. -0.02 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.2	39.4
123	11.7	9.2	13.8





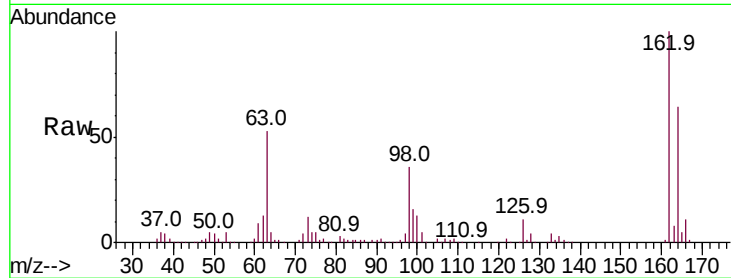
#29
 2,4-Dichlorophenol
 Concen: 42.617 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

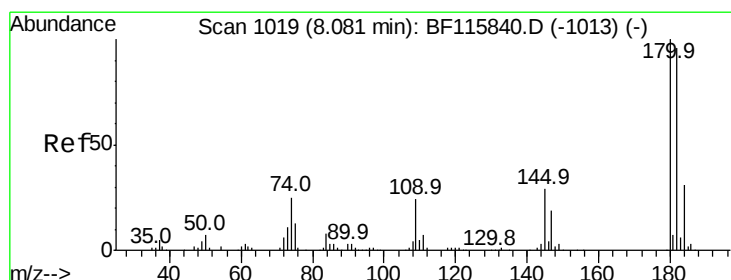
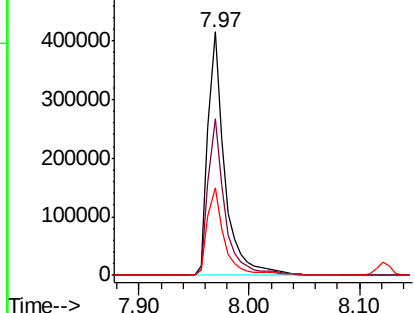
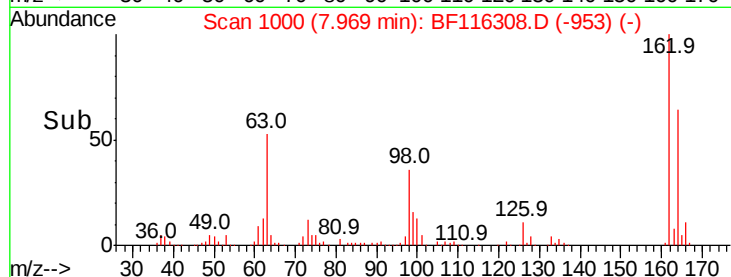
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.5	45.1	85.1
98	35.7	15.8	55.8

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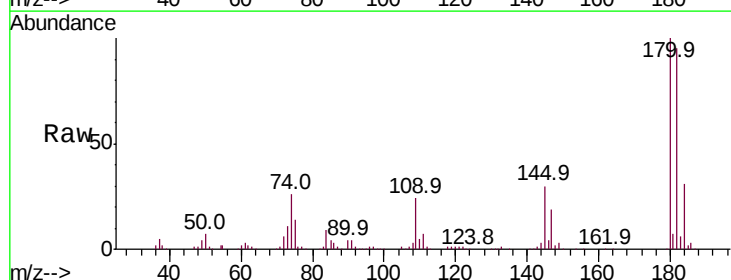


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

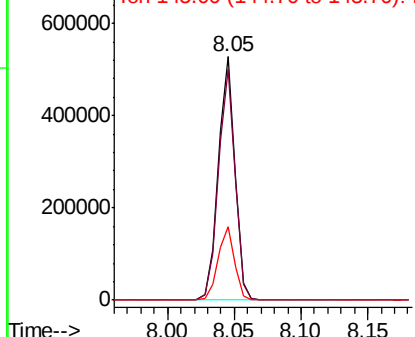
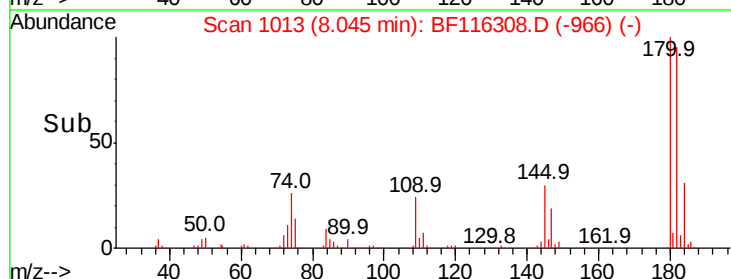


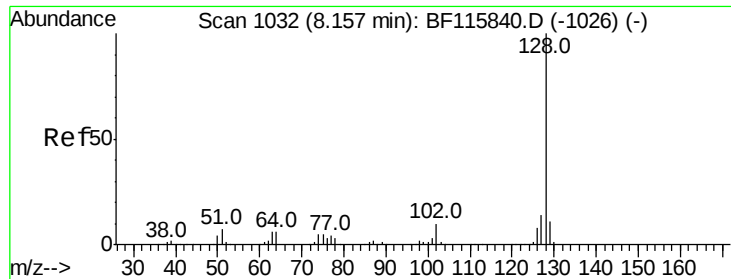
#30
 1,2,4-Trichlorobenzene
 Concen: 40.482 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.6	75.7	113.5
145	30.4	24.3	36.5



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





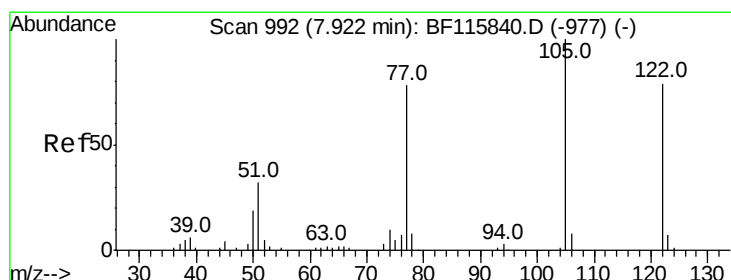
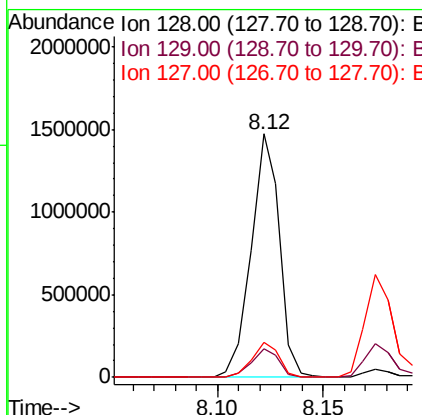
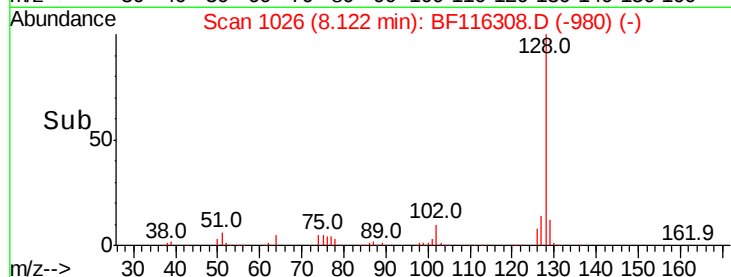
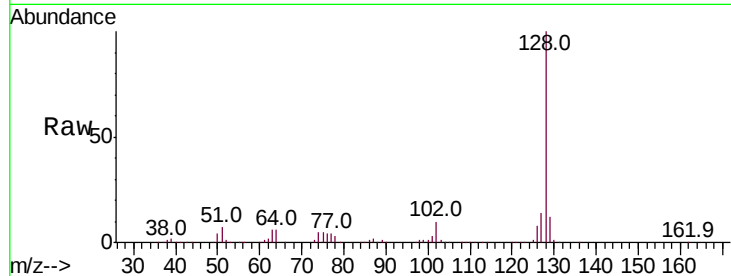
#31
Naphthalene
Concen: 40.540 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	14.2	11.4	17.0

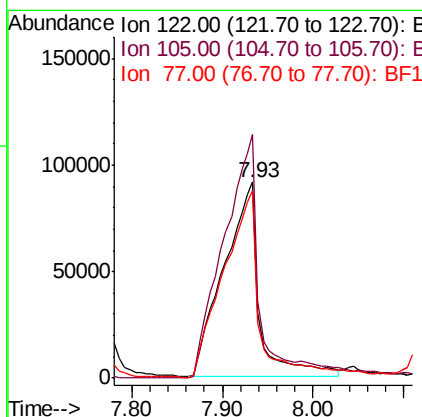
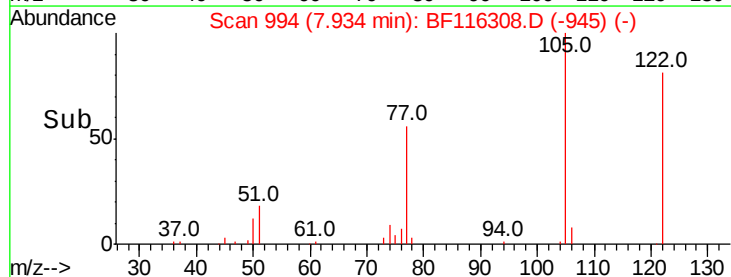
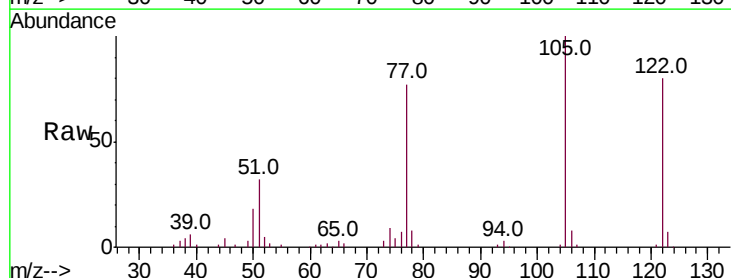
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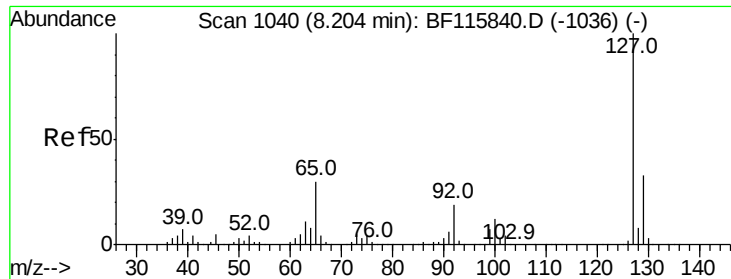
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#32
Benzoic acid
Concen: 37.356 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.3	106.1	146.1
77	95.9	76.7	116.7





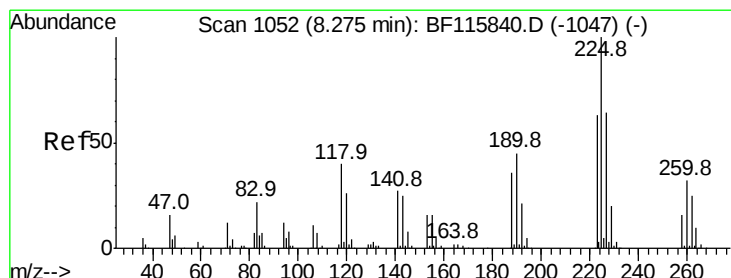
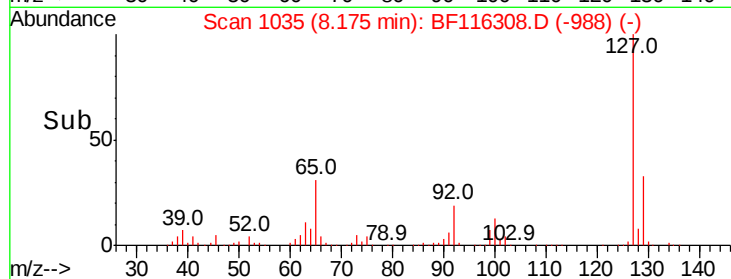
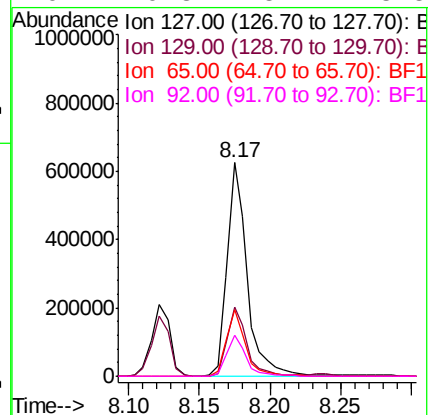
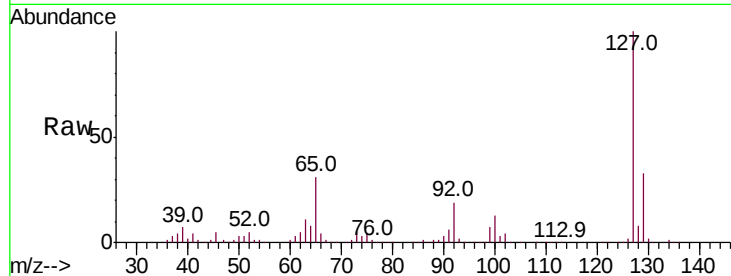
#33
 4-Chloroaniline
 Concen: 40.528 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. -0.02 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.5	26.1	39.1
65	31.1	24.9	37.3
92	19.3	15.7	23.5

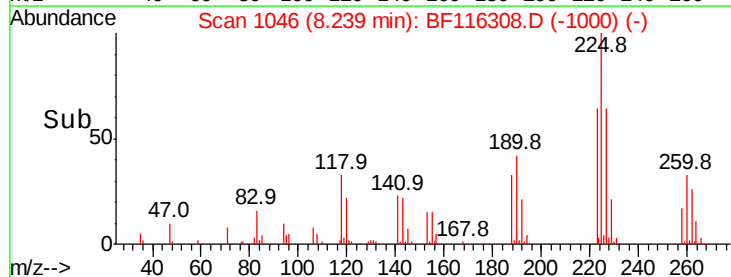
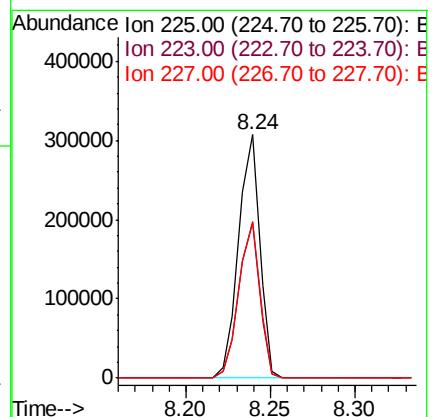
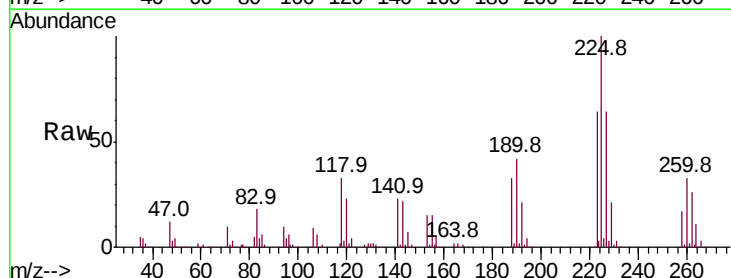
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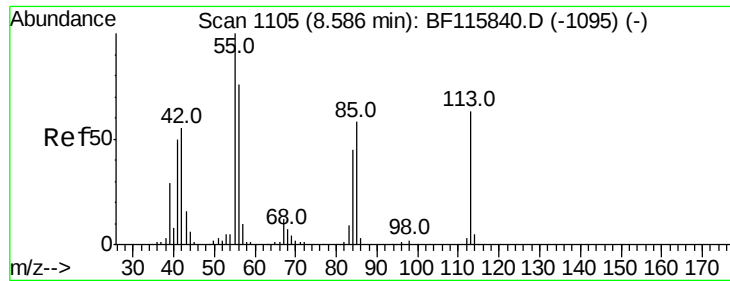
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#34
 Hexachlorobutadiene
 Concen: 40.621 ng
 RT: 8.24 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.6	50.0	75.0
227	64.3	51.0	76.4





#35

Caprolactam

Concen: 42.893 ng/mL

RT: 8.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 113 Resp: 139845

Ion Ratio Lower Upper

113 100

55 156.6 144.3 184.3

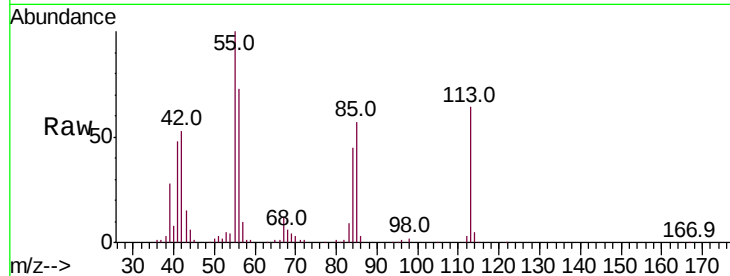
56 114.7 97.1 137.1

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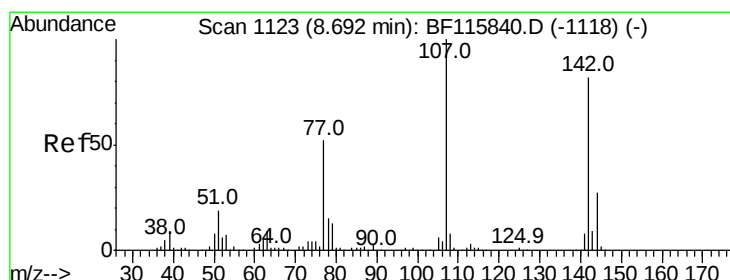
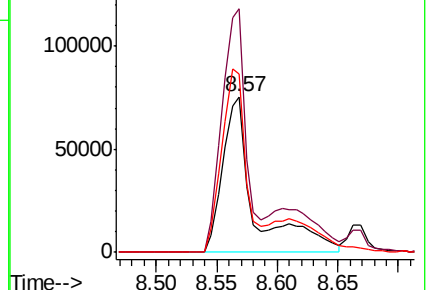
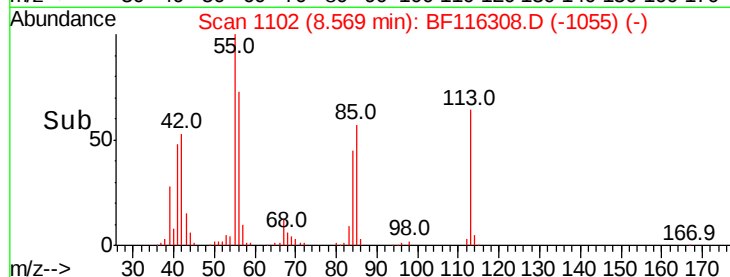
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.501 ng/mL

RT: 8.67 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

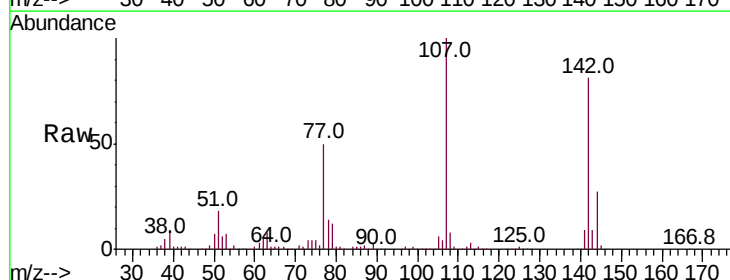
Tgt Ion: 107 Resp: 456196

Ion Ratio Lower Upper

107 100

144 26.5 20.2 30.2

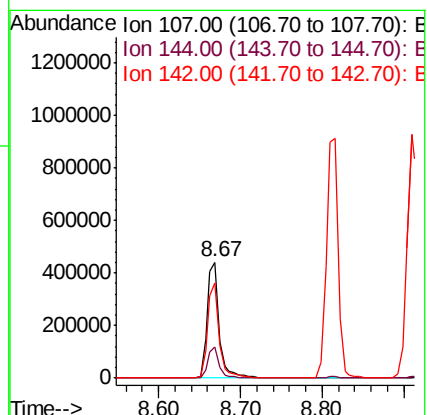
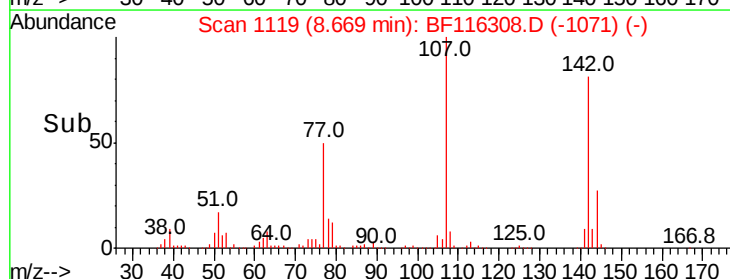
142 81.4 61.7 92.5

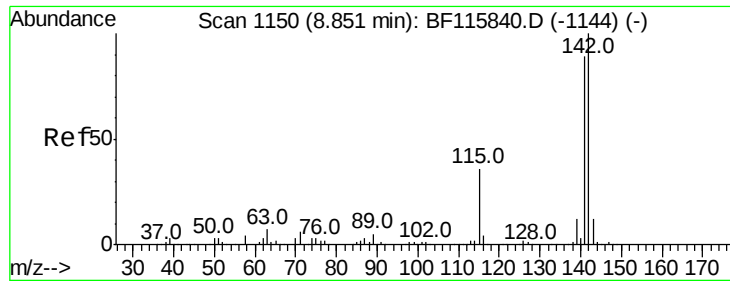


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





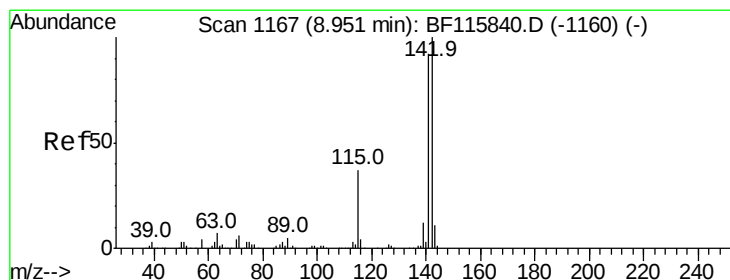
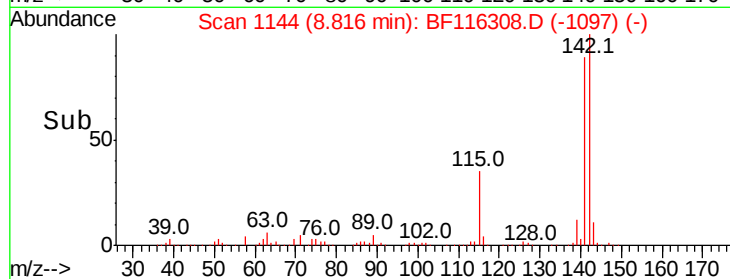
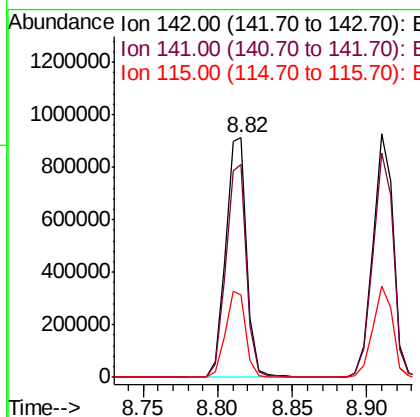
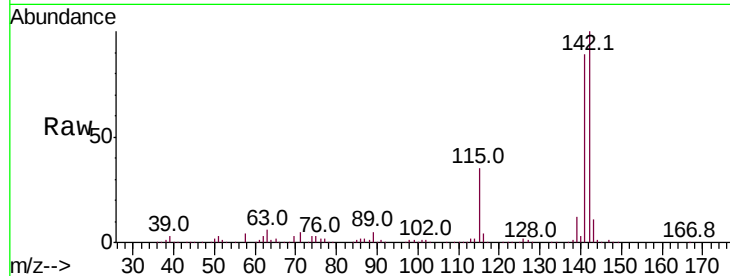
#37
 2-Methylnaphthalene
 Concen: 40.680 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.02 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.9	106.3
115	34.6	29.0	43.6

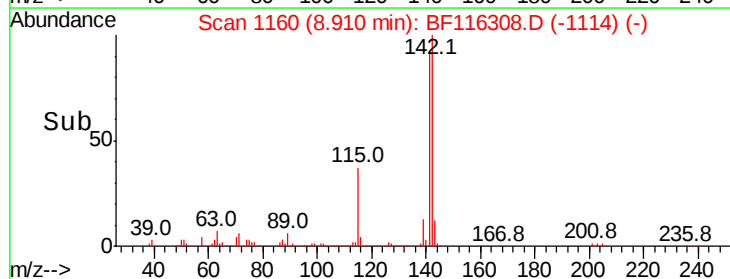
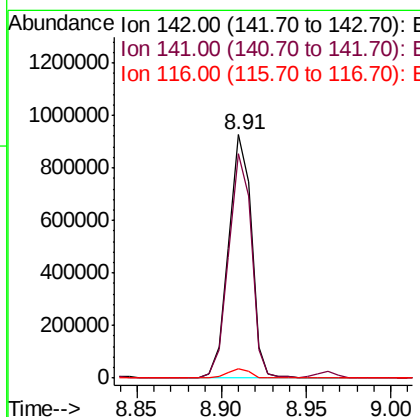
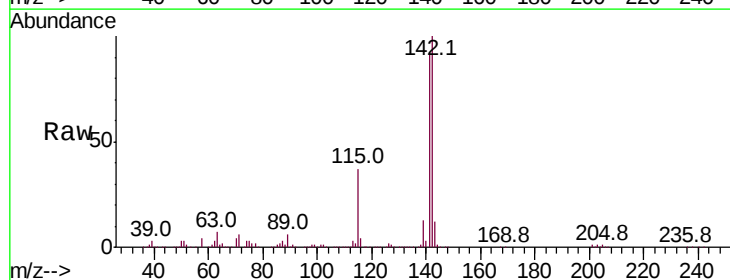
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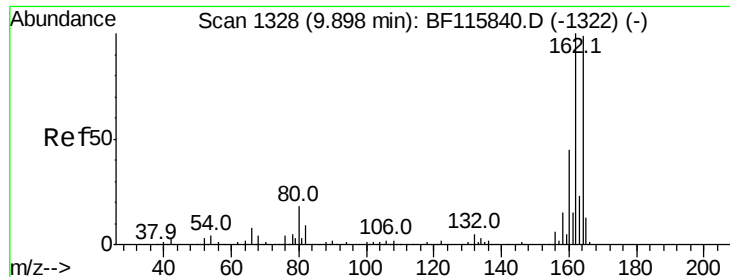
mohammad
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#38
 1-Methylnaphthalene
 Concen: 40.852 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.03 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.4	111.6
116	4.0	3.1	4.7





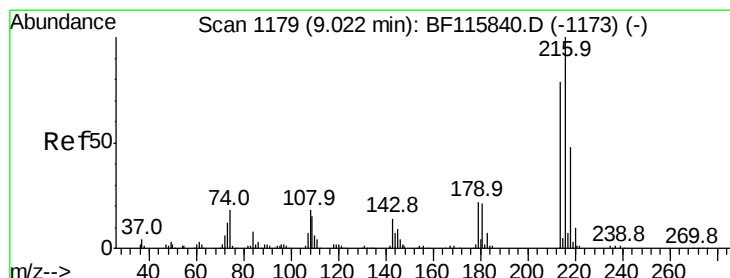
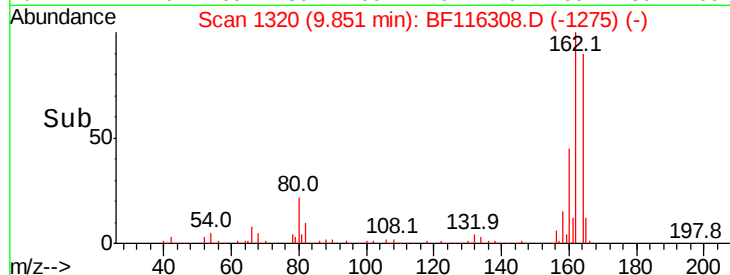
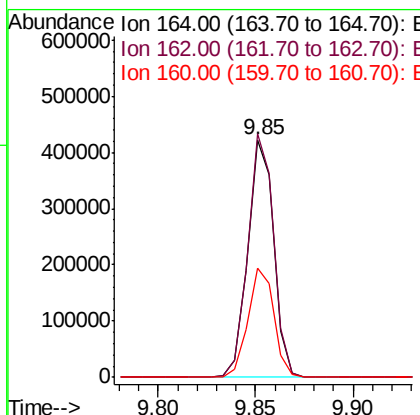
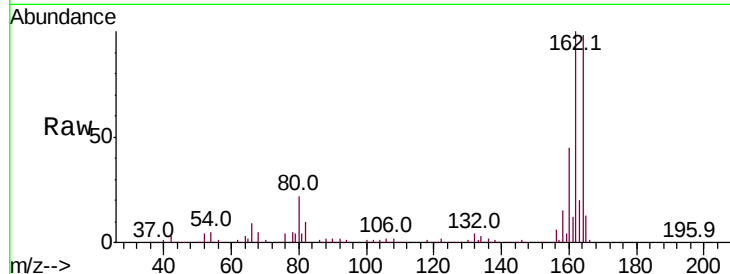
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	164	Resp:	387650
Ion Ratio	Lower	Upper	
164	100		
162	102.4	82.6	124.0
160	45.8	37.6	56.4

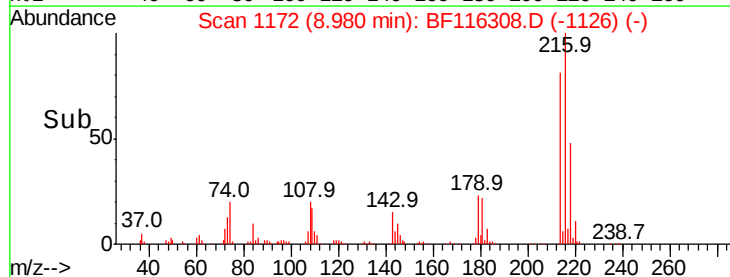
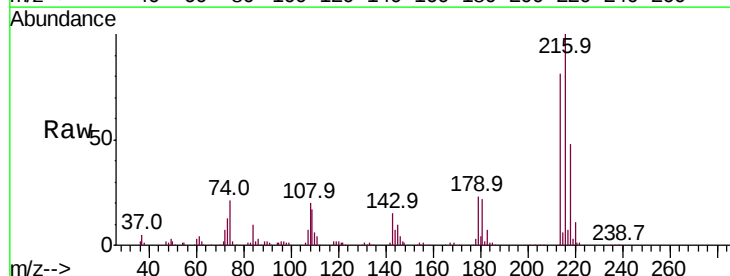
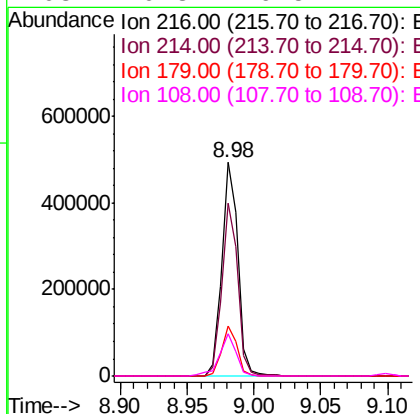
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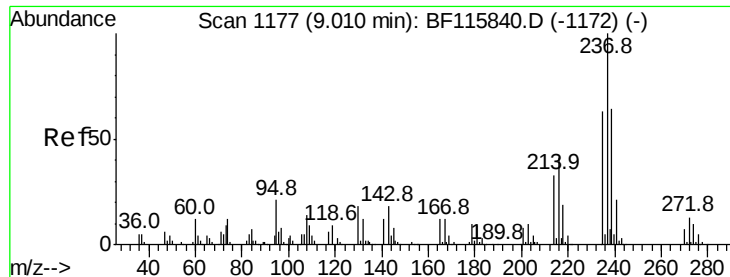
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.788 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.03 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Tgt Ion:	216	Resp:	422704
Ion Ratio	Lower	Upper	
216	100		
214	79.9	63.6	95.4
179	22.5	17.8	26.8
108	20.3	16.5	24.7





#41

Hexachlorocyclopentadiene

Concen: 36.202 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

Instrument :

BNA_F

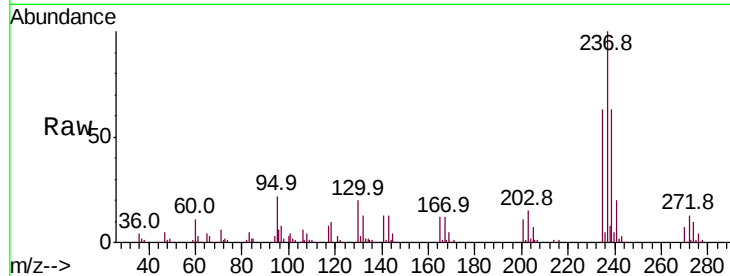
ClientSampleId :

SSTDCCC040

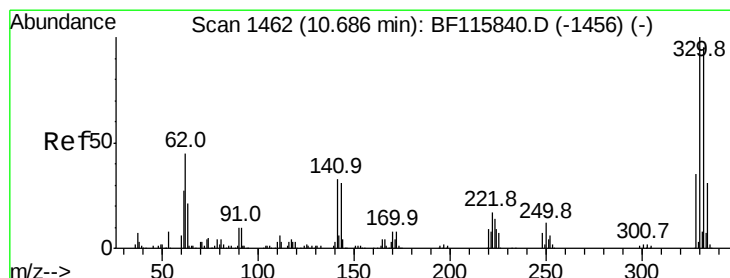
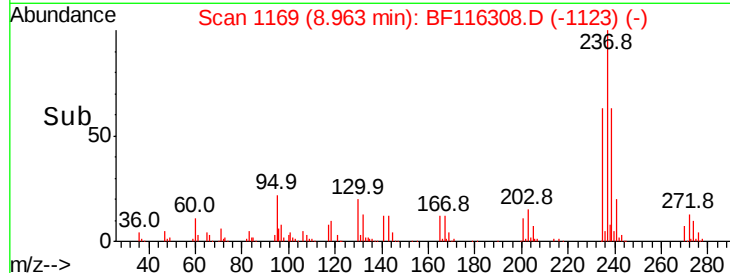
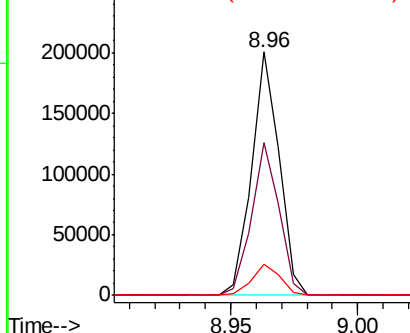
Tot Ion:	237	Resp:	152139
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.4	83.4
272	12.6	0.0	33.2

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 81.190 ng

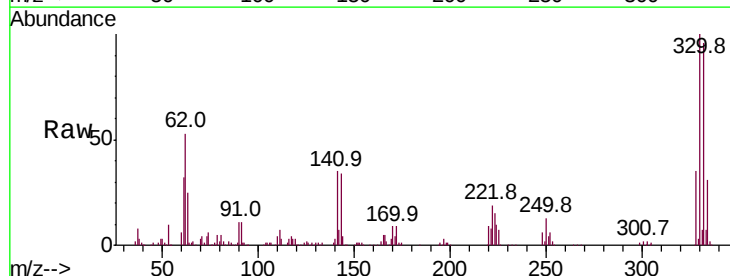
RT: 10.65 min Scan# 1455

Delta R.T. -0.03 min

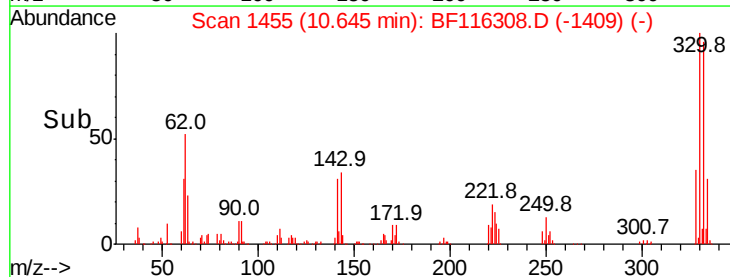
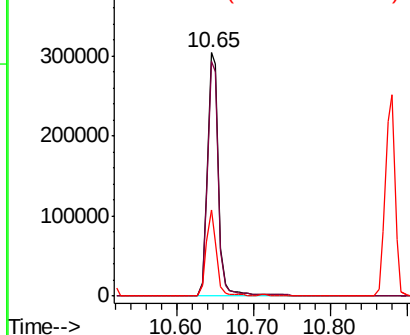
Lab File: BF116308.D

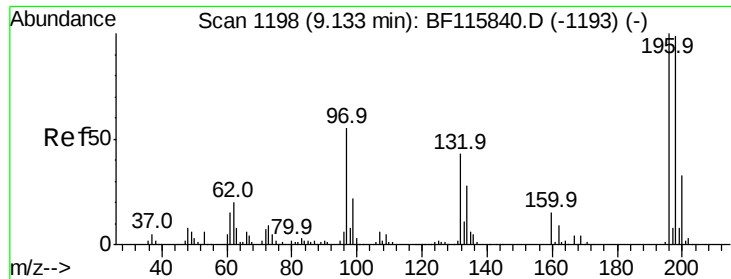
Acq: 16 Aug 2019 8:47

Tgt Ion:	330	Resp:	305144
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.8	115.2
141	32.8	26.3	39.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





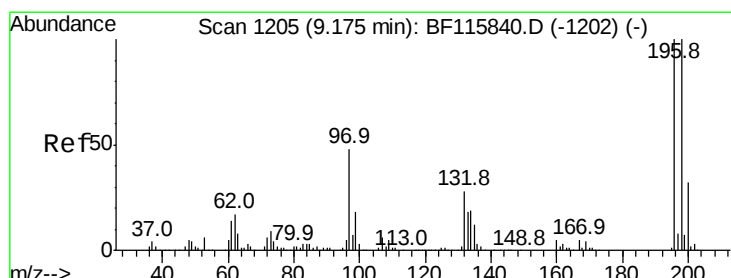
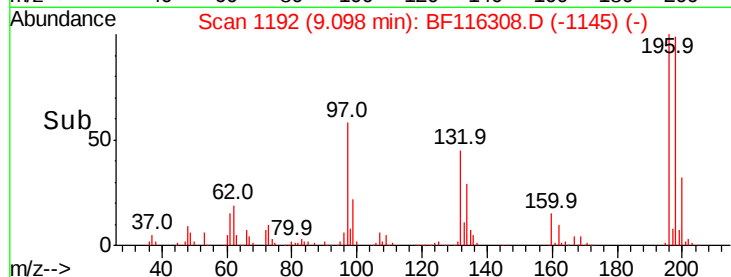
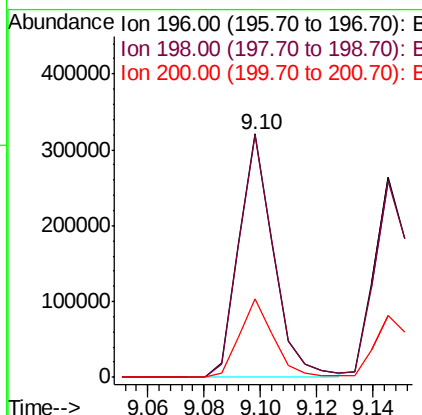
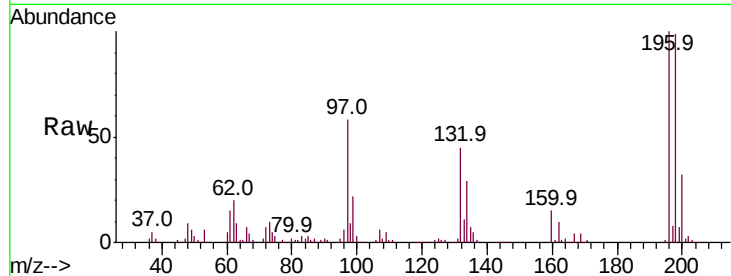
#43
 2,4,6-Trichlorophenol
 Concen: 38.315 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	273310		
198	99.4	79.2	118.8	
200	32.0	25.2	37.8	

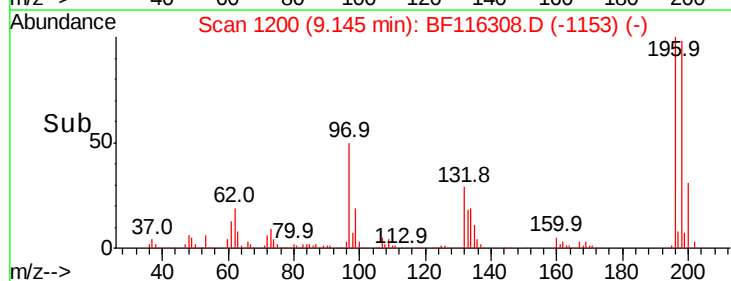
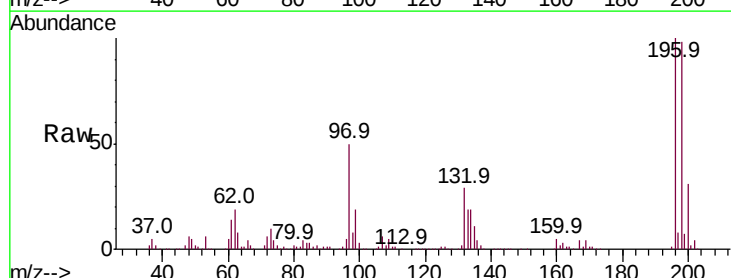
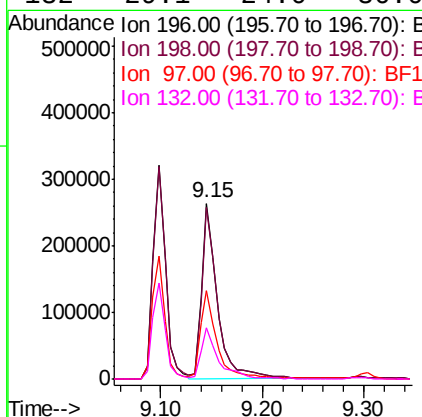
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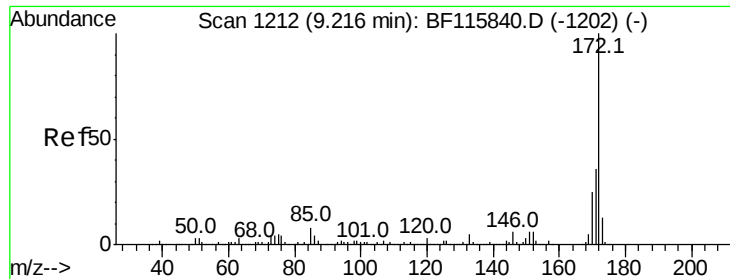
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.797 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	286080		
198	97.9	78.8	118.2	
97	50.5	42.2	63.4	
132	29.1	24.0	36.0	





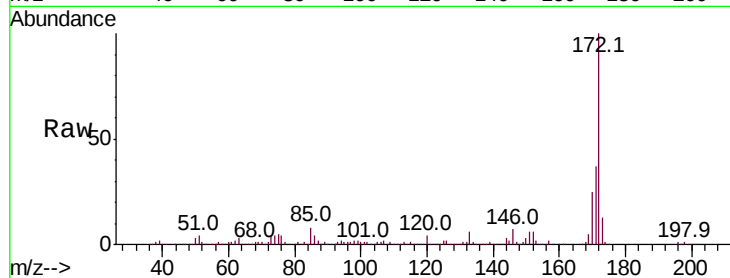
#45
2-Fluorobiphenyl
Concen: 75.812 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

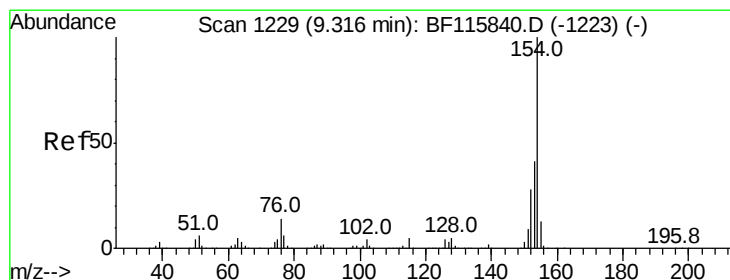
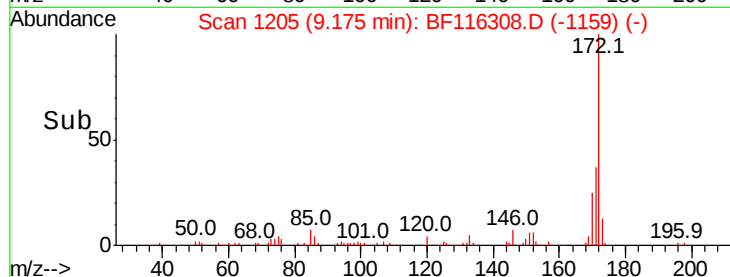
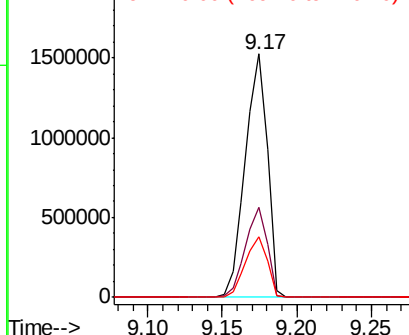
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	25.1	20.1	30.1

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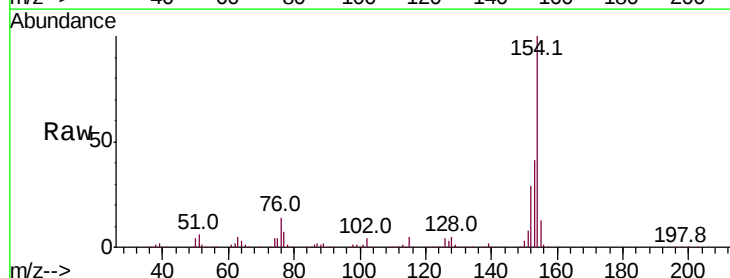


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

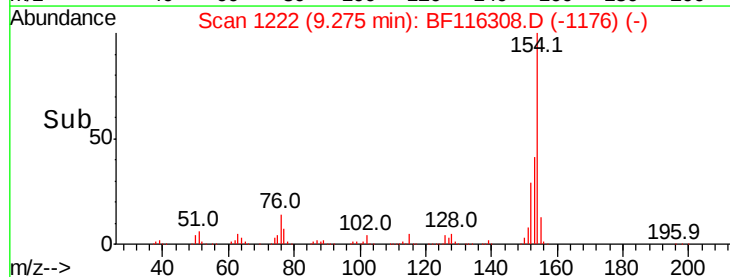
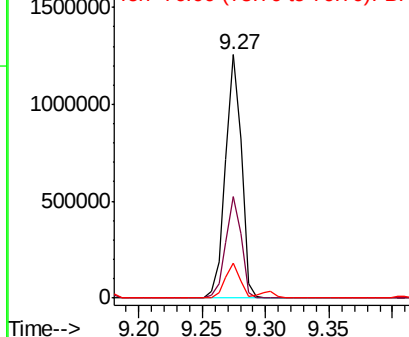


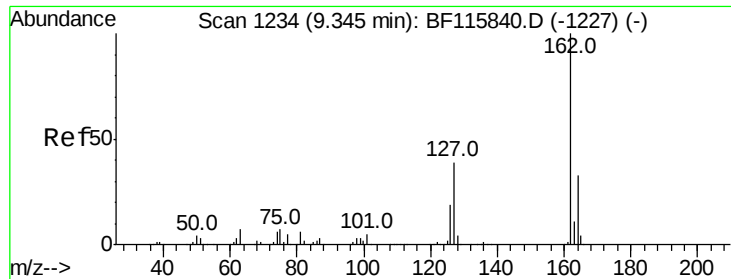
#46
1,1'-Biphenyl
Concen: 40.096 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.4	61.4
76	14.4	0.0	35.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





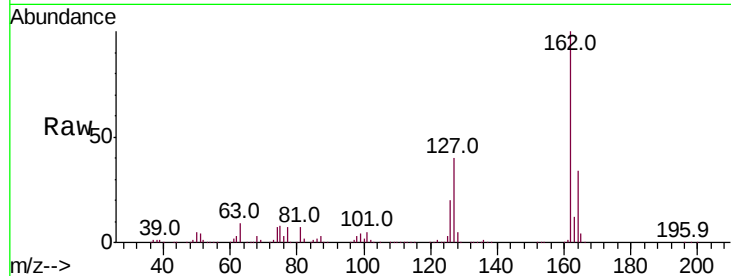
#47
 2-Chloronaphthalene
 Concen: 40.058 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.03 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

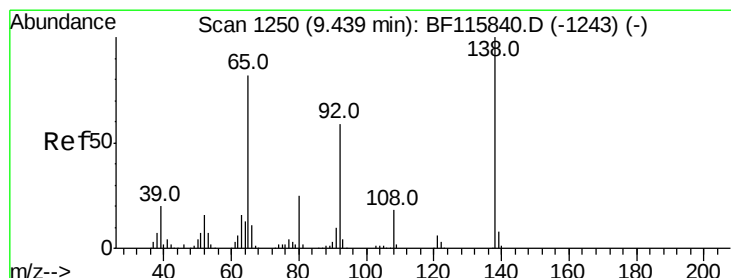
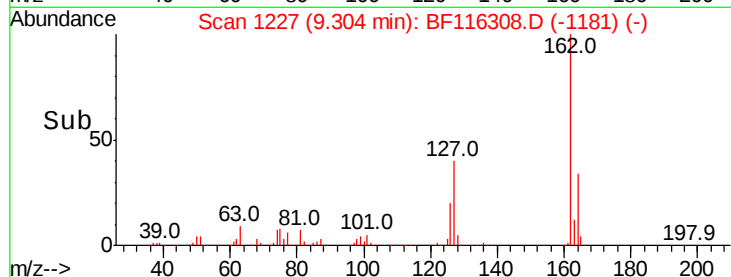
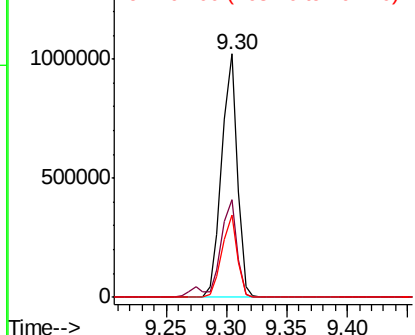
Tot Ion	Ratio	Resp	Lower	Upper
162	100	912444		
127	40.2		32.8	49.2
164	33.6		26.6	39.8

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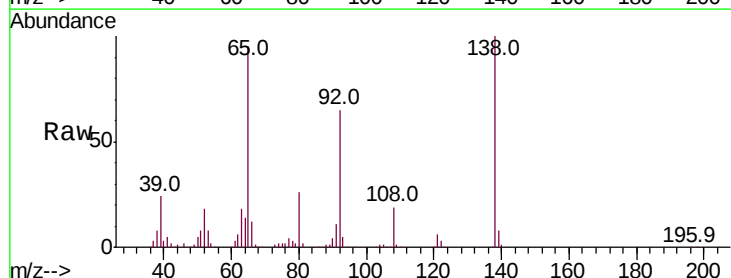


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

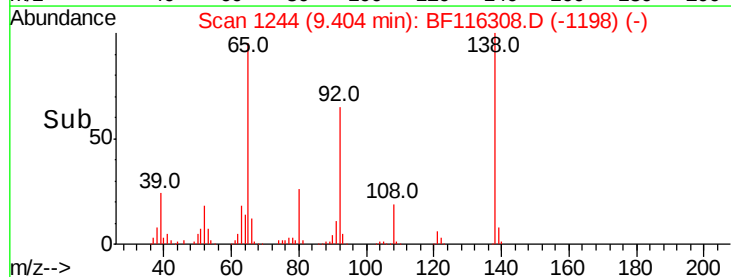
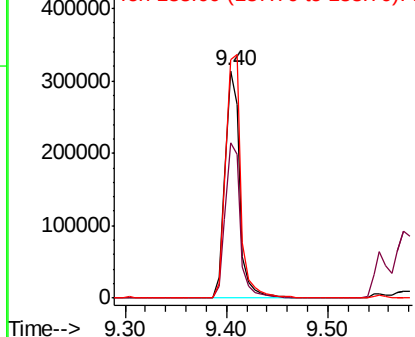


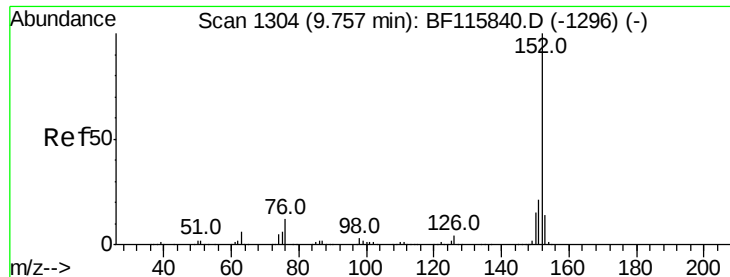
#48
 2-Nitroaniline
 Concen: 41.733 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.03 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	314210		
92	68.4		57.8	86.8
138	105.2		94.0	141.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





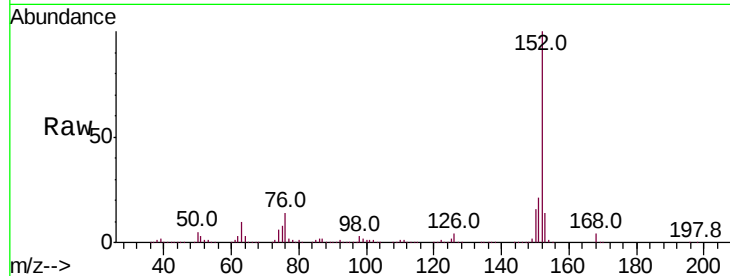
#49
Acenaphthylene
Concen: 39.393 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

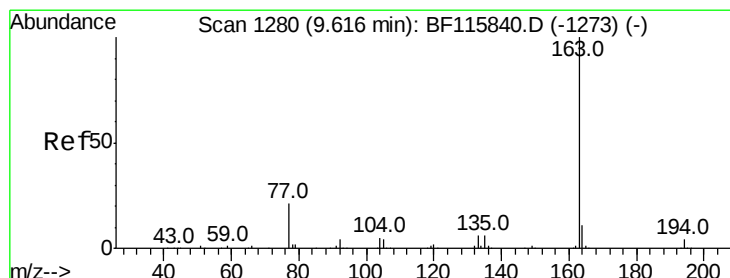
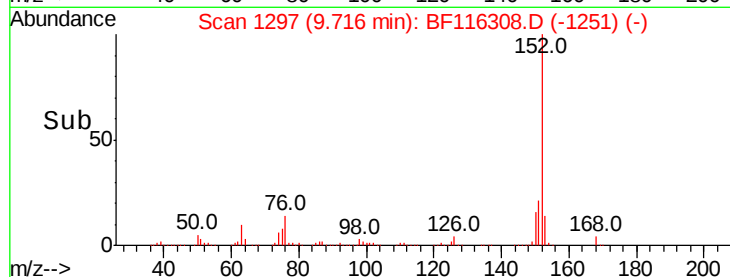
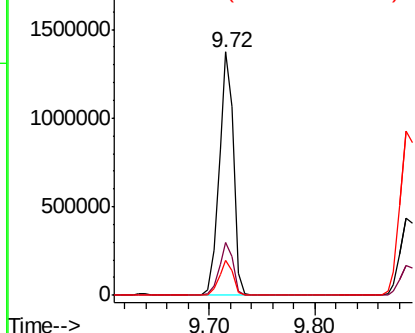
Tot Ion:152 Resp: 1309089
Ion Ratio Lower Upper
152 100
151 21.5 17.2 25.8
153 14.4 11.8 17.8

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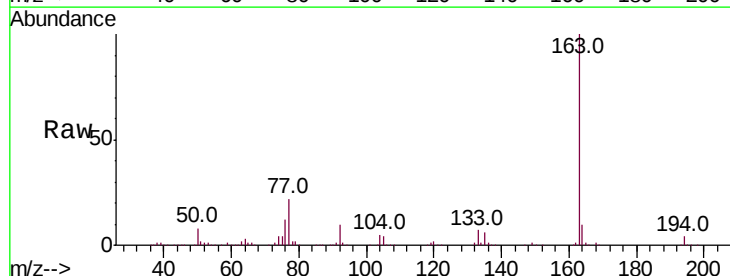


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

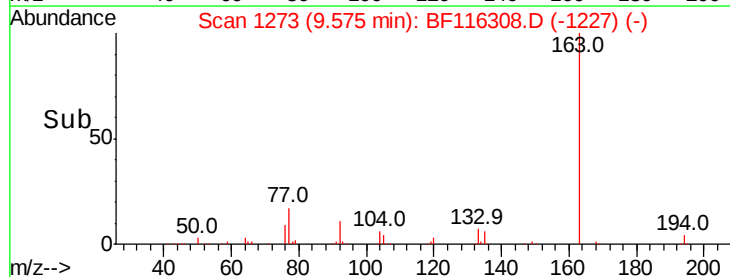
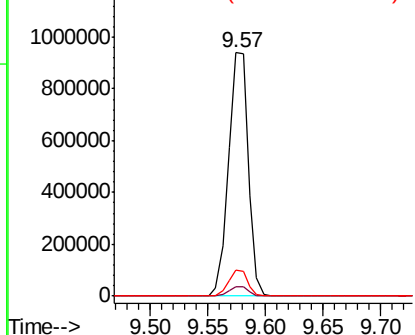


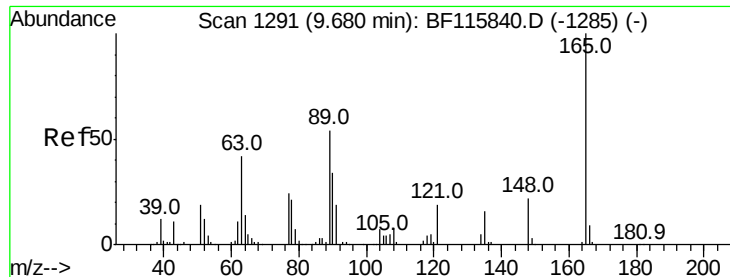
#50
Dimethylphthalate
Concen: 42.158 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion:163 Resp: 1112751
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





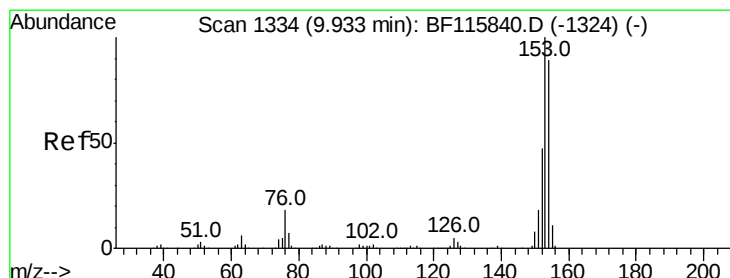
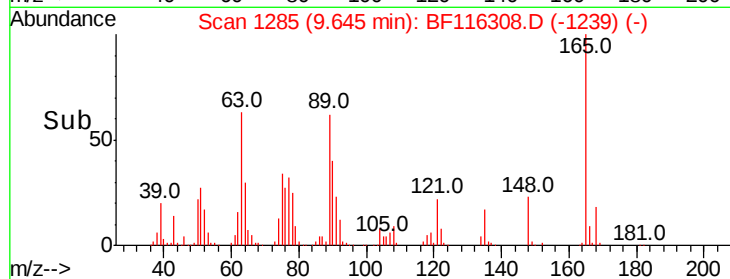
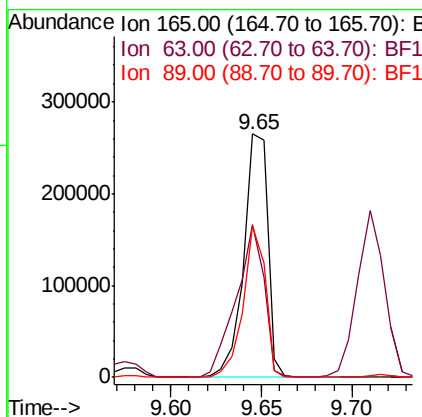
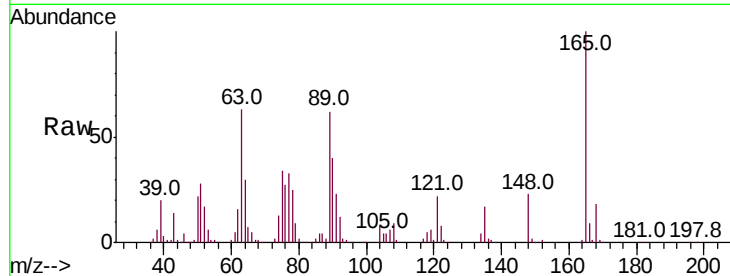
#51
 2,6-Dinitrotoluene
 Concen: 42.470 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.03 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	243607		
63	62.8		38.2	57.2#
89	62.2		42.9	64.3

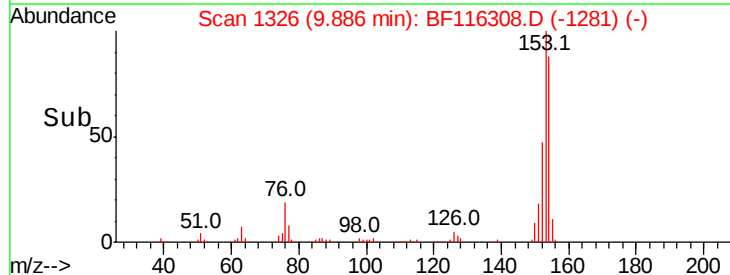
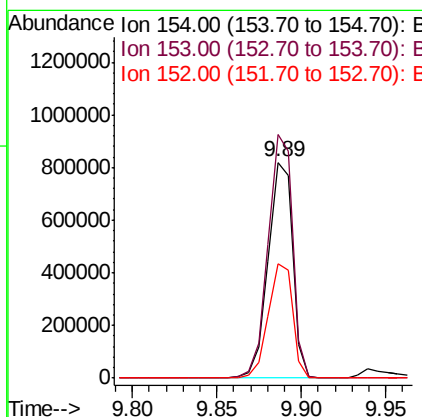
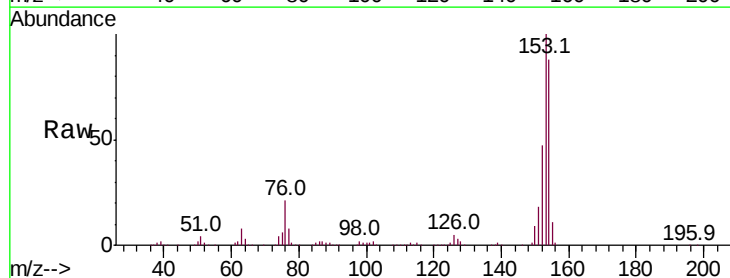
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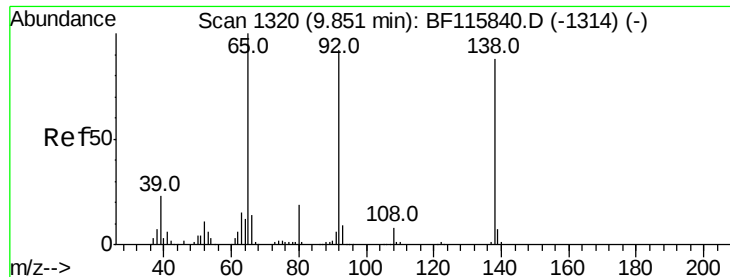
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#52
 Acenaphthene
 Concen: 40.050 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.04 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	816501		
153	113.0		89.4	134.0
152	53.3		42.3	63.5





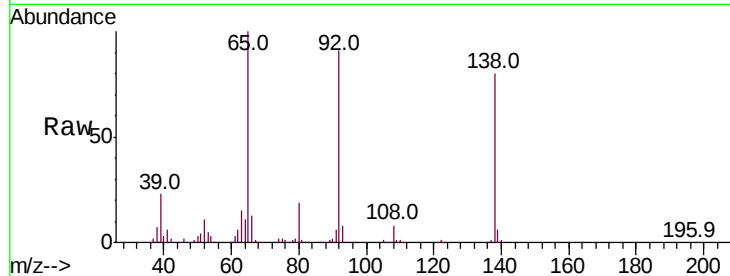
#53
3-Nitroaniline
Concen: 41.299 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	292706		
108	10.2		8.0	12.0
92	113.9		91.0	136.6

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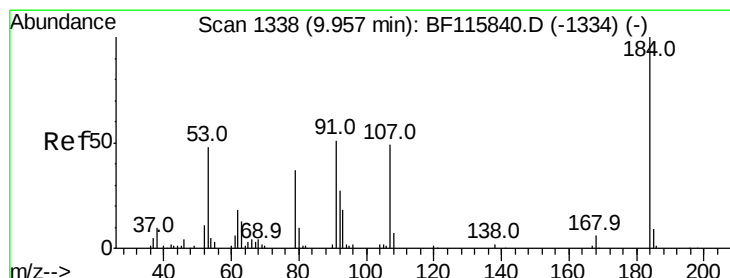
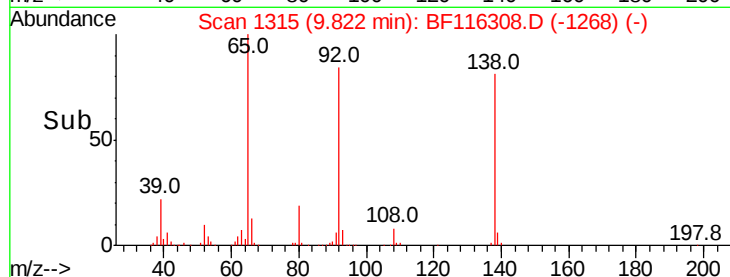
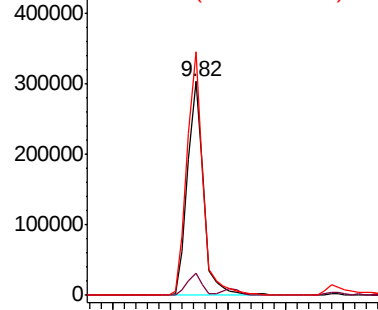


Abundance

Ion 138.00 (137.70 to 138.70): E

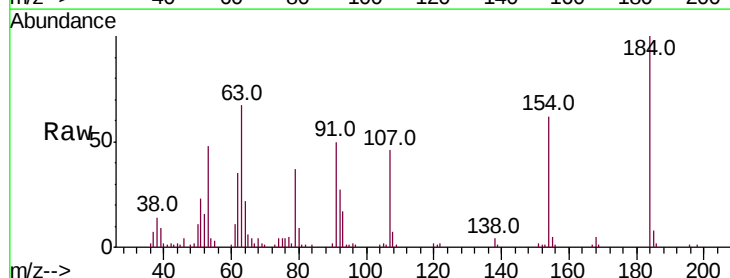
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 34.383 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	85907		
63	67.3		53.0	79.4
154	62.3		50.1	75.1

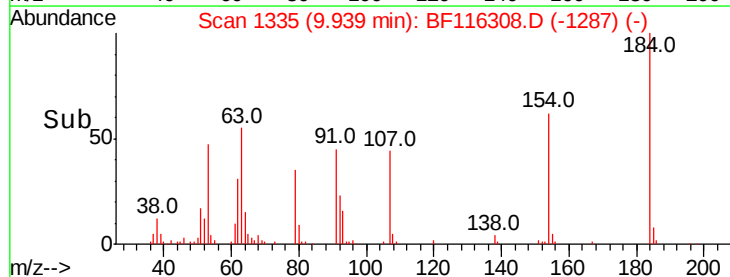
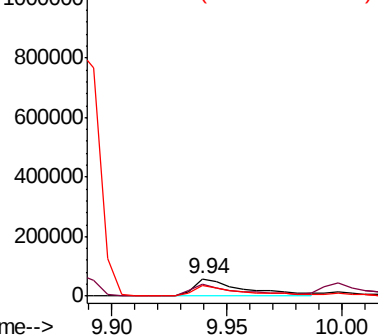


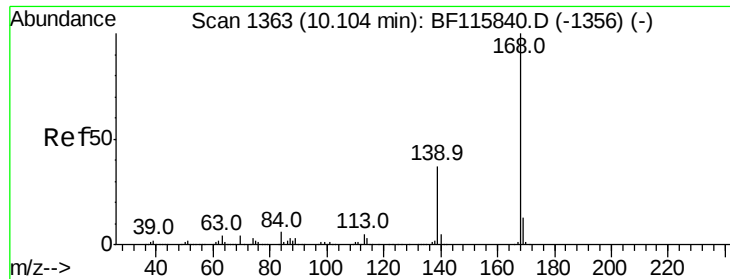
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





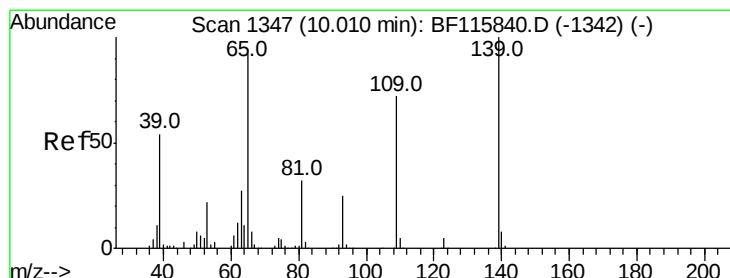
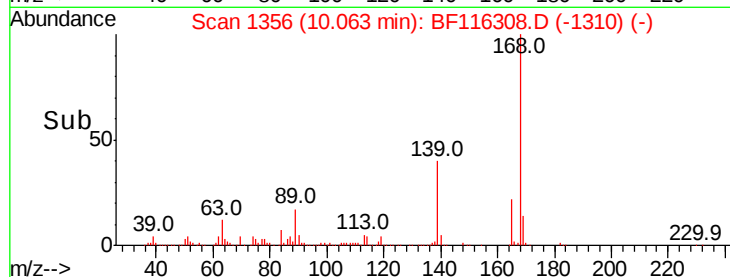
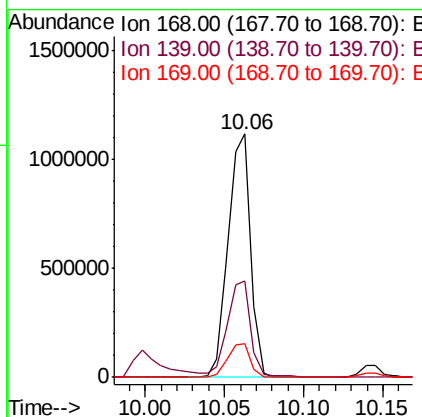
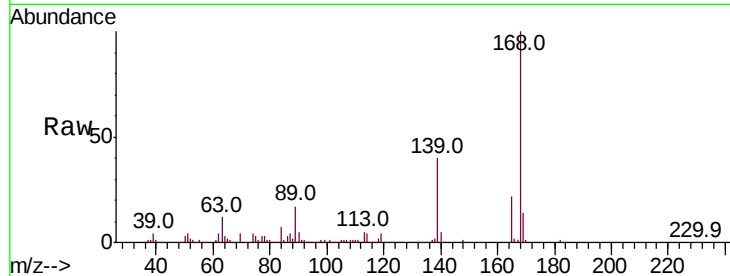
#55
Dibenzenofuran
Concen: 36.958 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.4	47.2
169	13.7	10.9	16.3

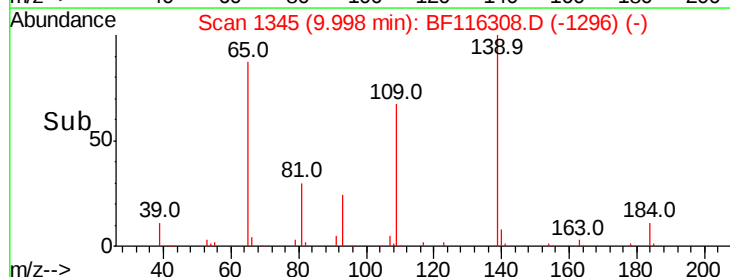
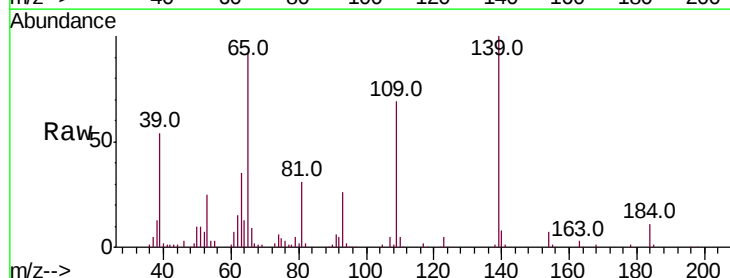
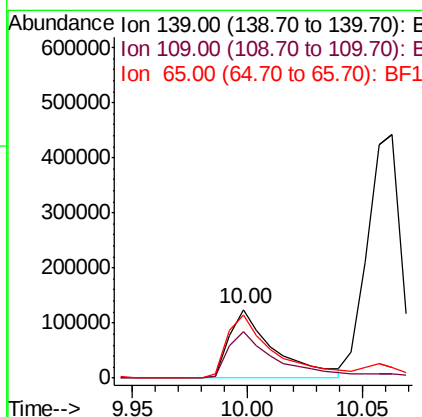
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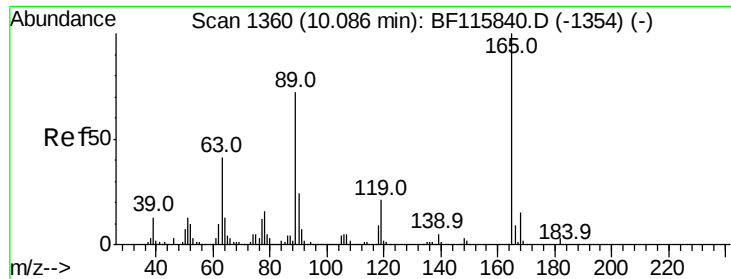
mohammad
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#56
4-Nitrophenol
Concen: 37.174 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.6	54.4	94.4
65	92.5	80.6	120.6





#57

2,4-Dinitrotoluene

Concen: 37.172 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.02 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 283882
Ion Ratio Lower Upper

165 100

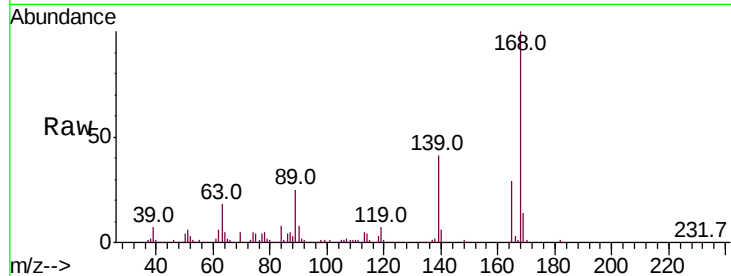
63 61.8 39.6 59.4#

89 87.0 62.2 93.2

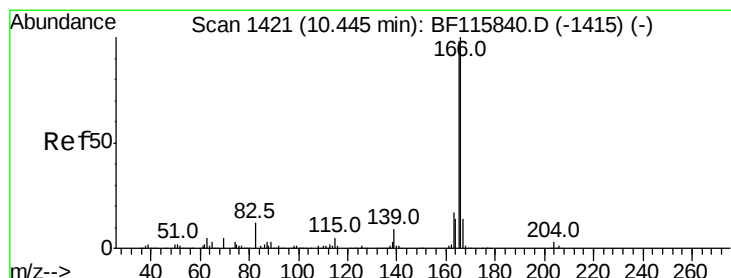
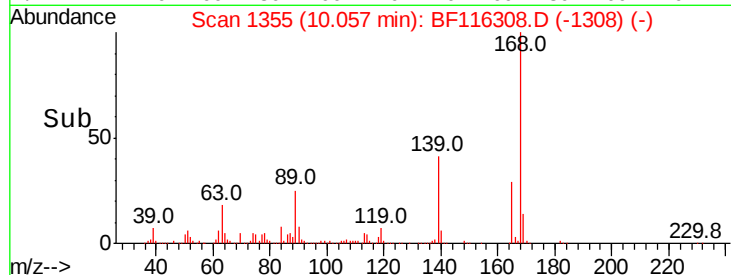
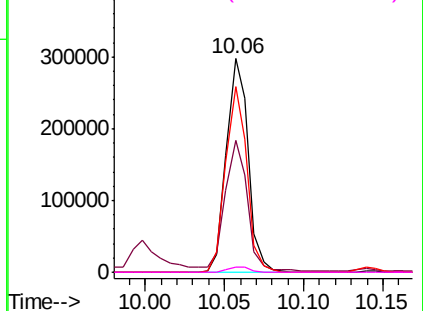
182 2.6 2.1 3.1

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.910 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.03 min

Lab File: BF116308.D

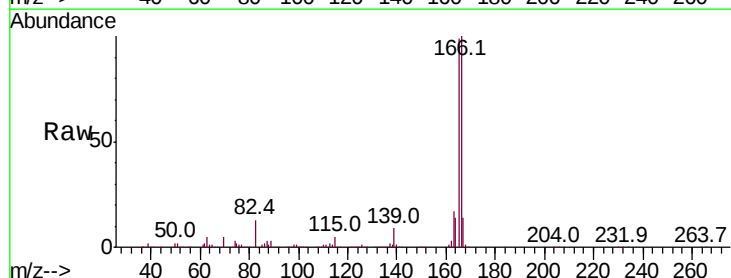
Acq: 16 Aug 2019 8:47

Tgt Ion:166 Resp: 933179
Ion Ratio Lower Upper

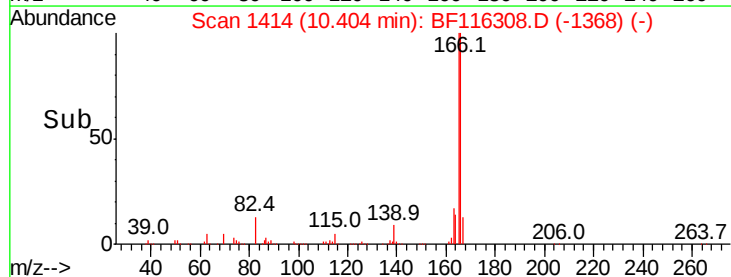
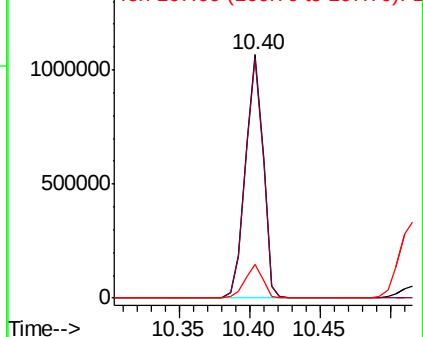
166 100

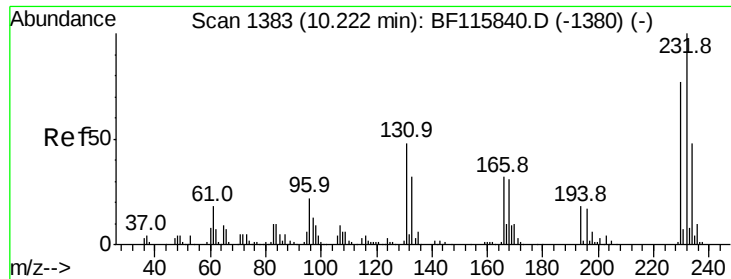
165 98.7 78.4 117.6

167 13.8 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





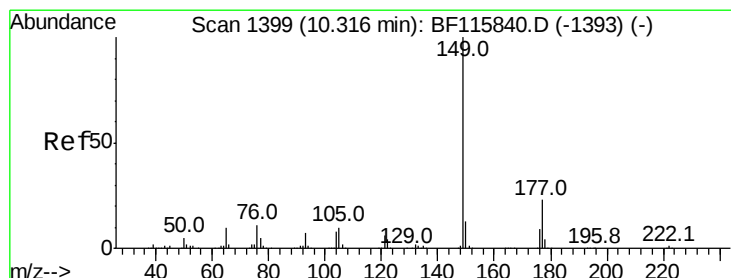
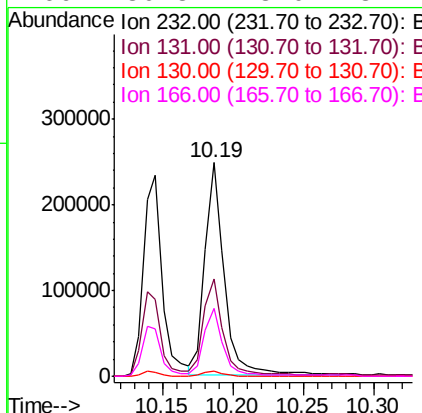
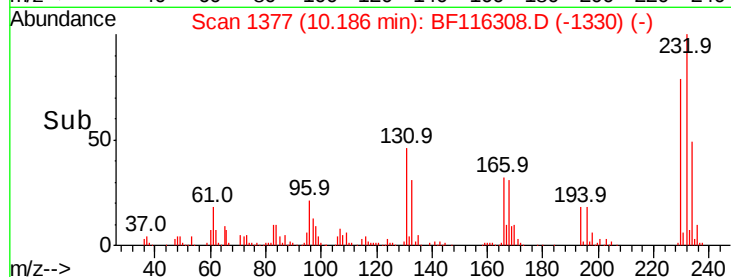
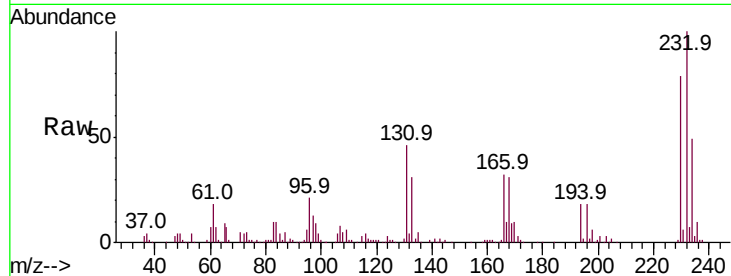
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.190 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	236916		
131	45.8		36.2	54.2
130	2.4		1.9	2.9
166	30.8		23.0	34.4

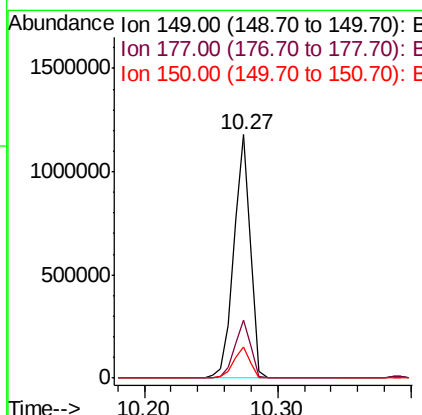
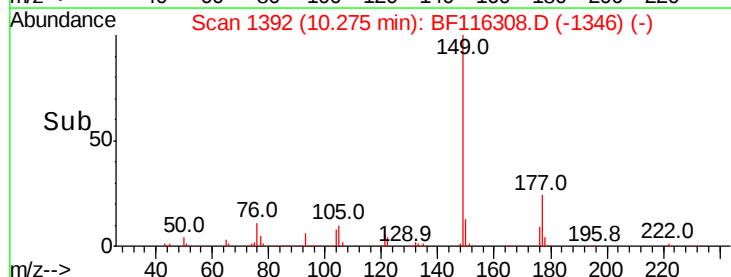
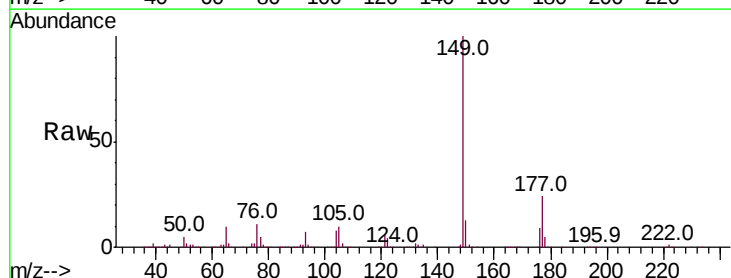
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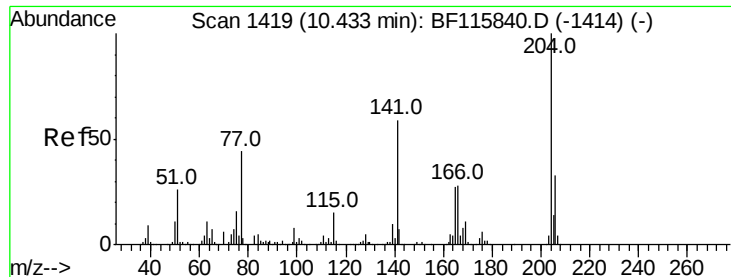
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#60
 Diethylphthalate
 Concen: 41.567 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.03 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1024314		
177	23.6		18.8	28.2
150	13.0		10.2	15.4





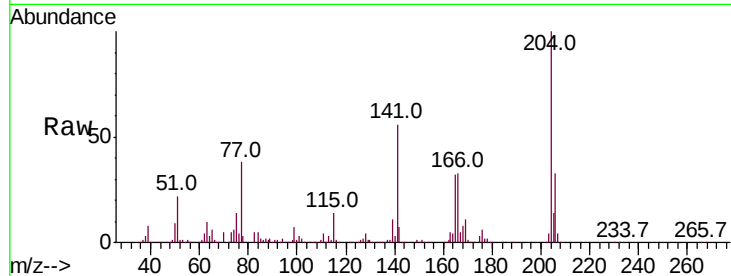
#61
4-Chlorophenyl-phenylether
Concen: 41.205 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.5	26.4	39.6
141	56.2	46.4	69.6

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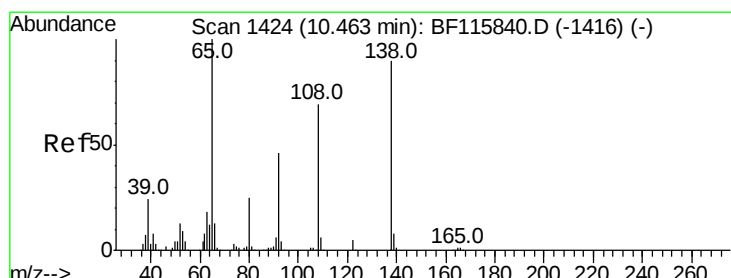
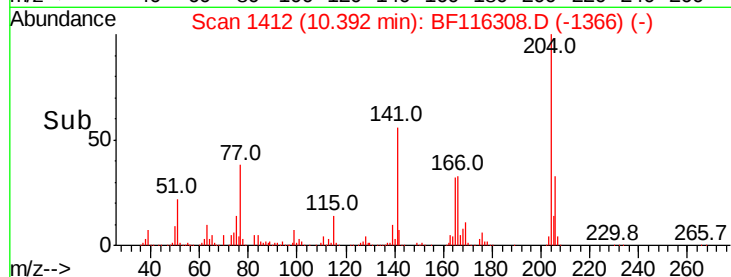
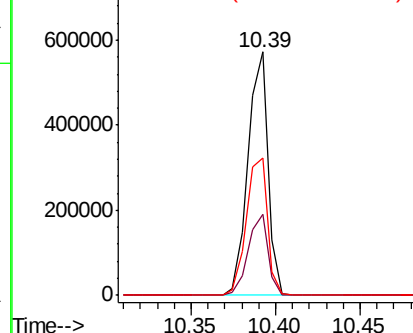


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.544 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

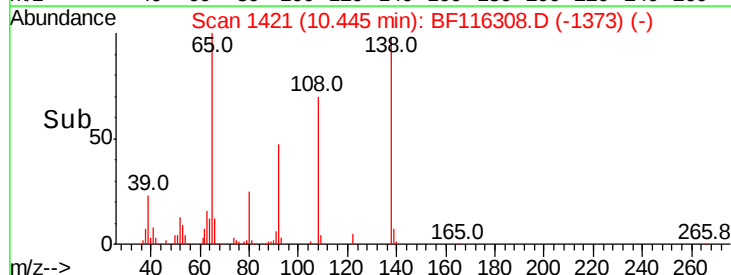
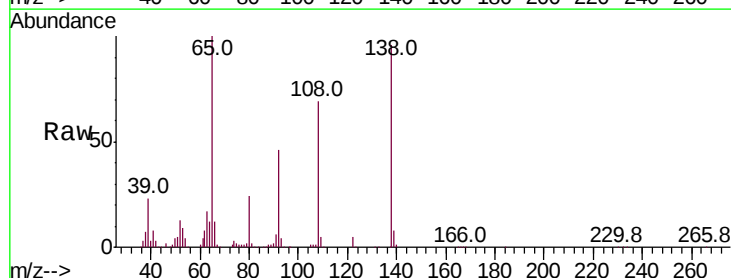
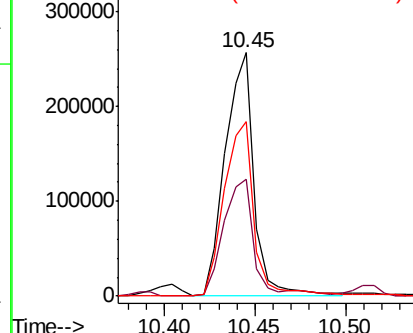
Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	48.0	29.0	69.0
108	71.6	54.7	94.7

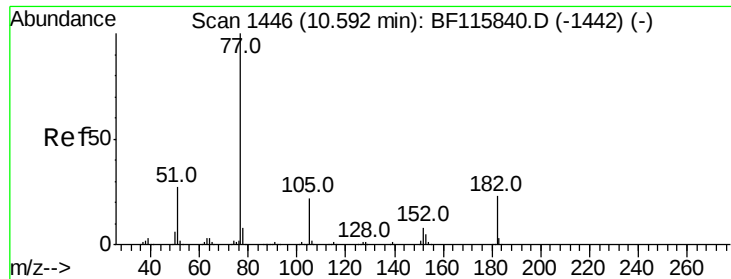
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





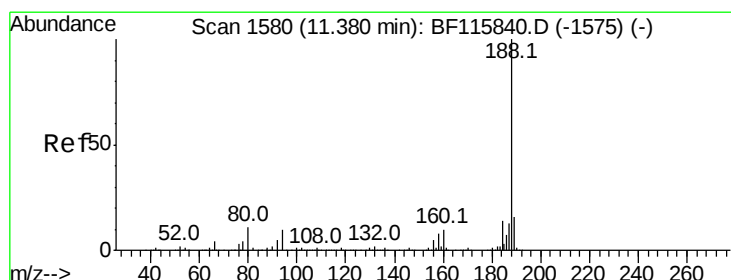
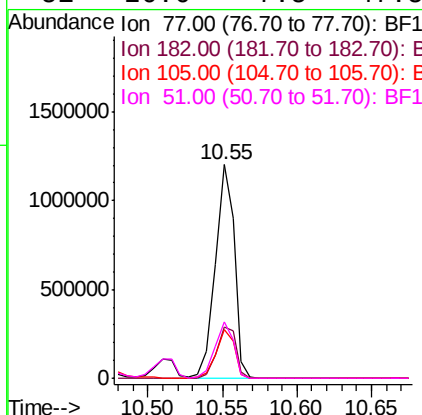
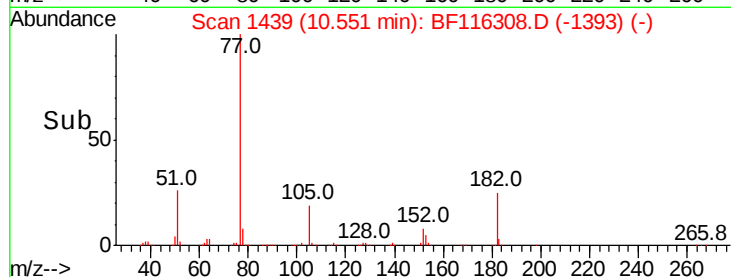
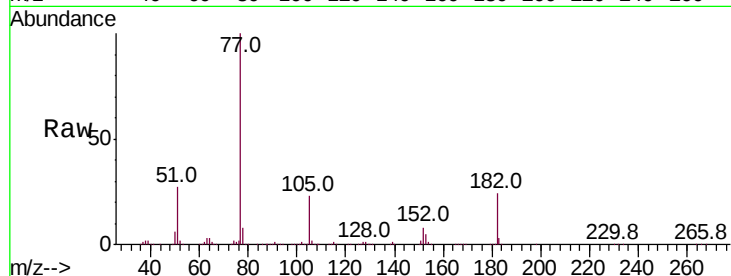
#63
Azobenzene
Concen: 41.965 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.2	4.0	44.0
105	22.6	2.0	42.0
51	26.6	7.5	47.5

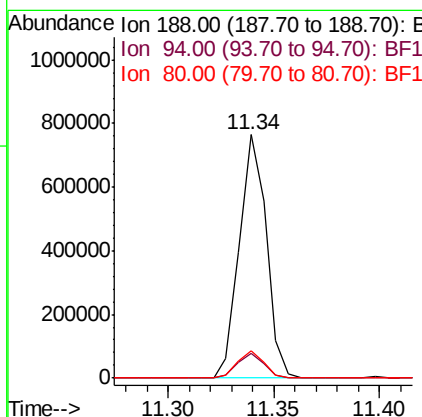
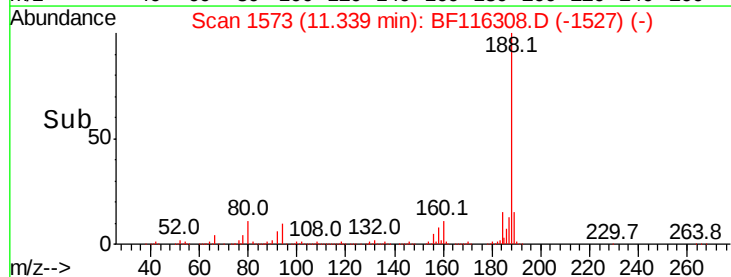
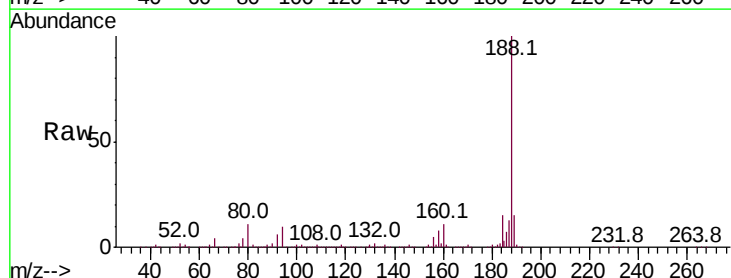
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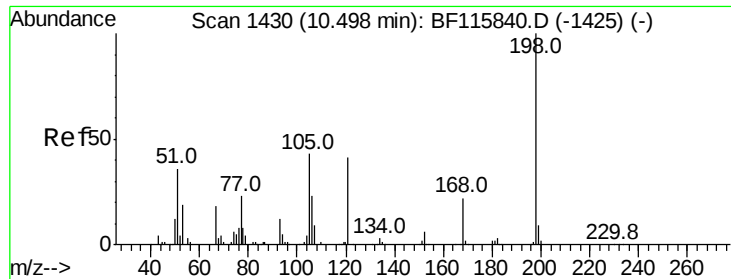
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	11.3	8.7	13.1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.472 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

Instrument :

BNA_F

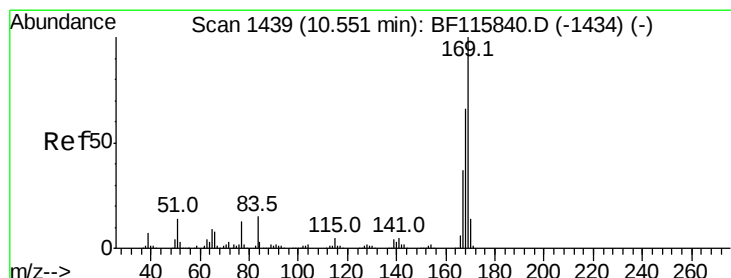
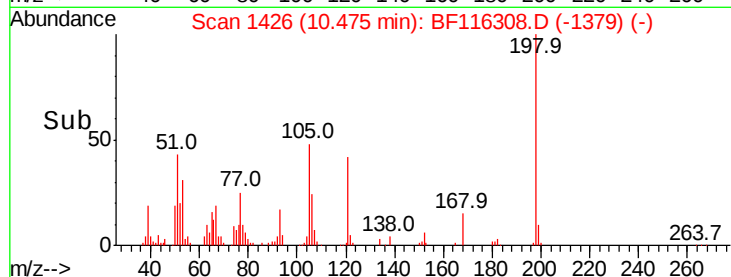
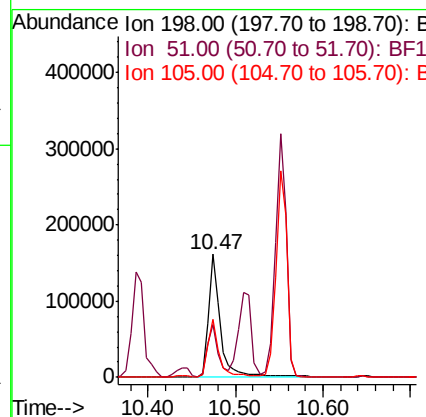
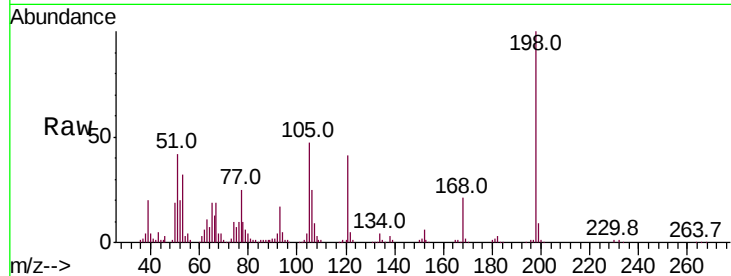
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	156354
Ion Ratio	Lower	Upper	
198	100		
51	42.5	17.0	57.0
105	47.2	21.6	61.6

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#66

n-Nitrosodiphenylamine

Concen: 41.576 ng

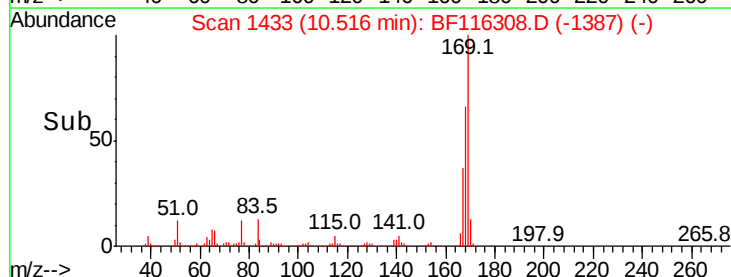
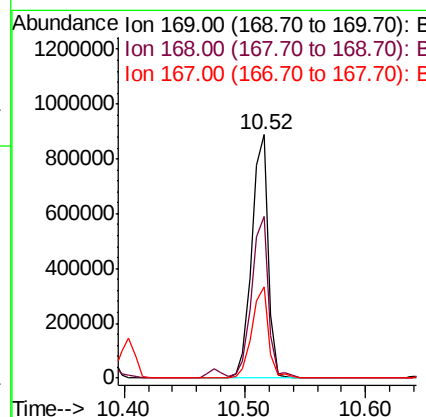
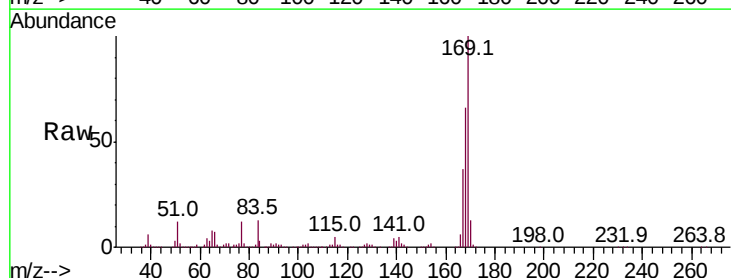
RT: 10.52 min Scan# 1433

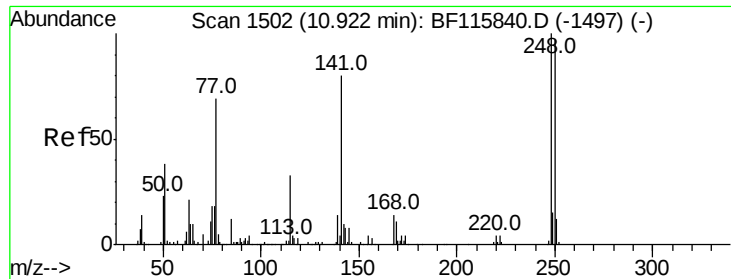
Delta R.T. -0.03 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

Tgt Ion:	169	Resp:	849311
Ion Ratio	Lower	Upper	
169	100		
168	66.3	53.8	80.6
167	37.3	29.6	44.4





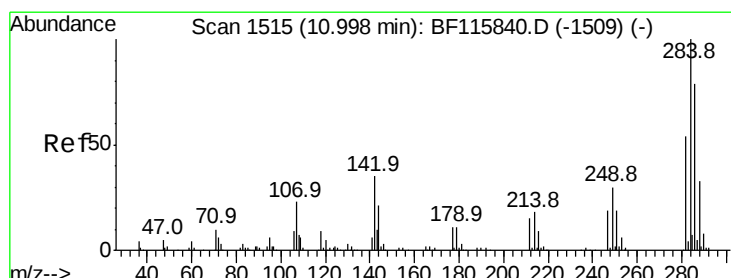
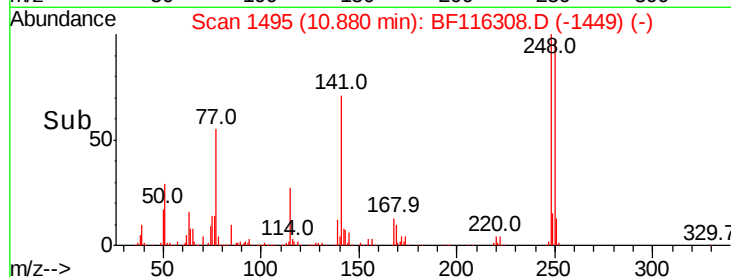
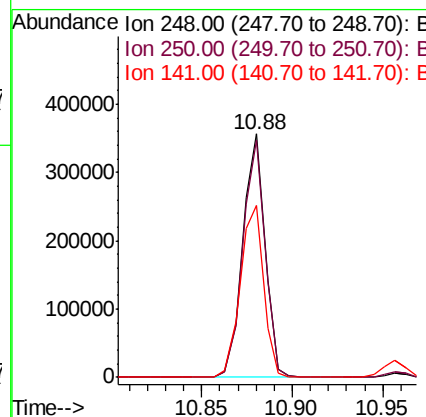
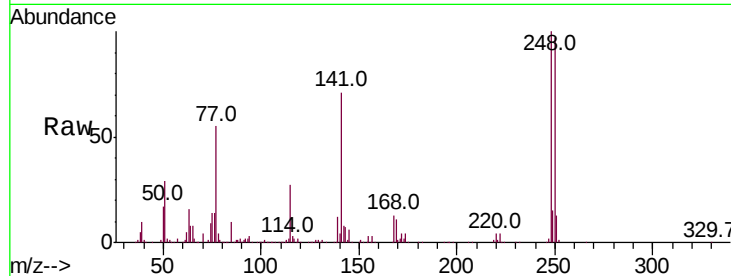
#67
4-Bromophenyl-phenylether
Concen: 41.773 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.4	116.2
141	70.5	56.8	85.2

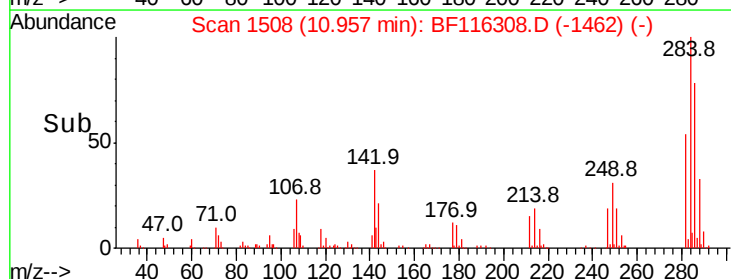
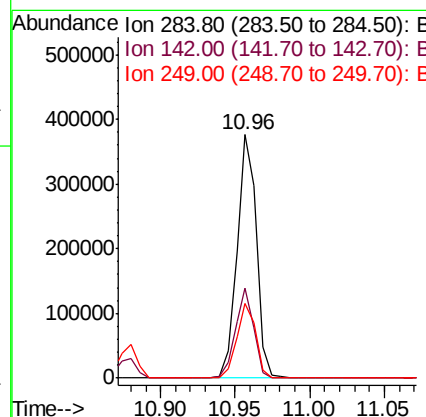
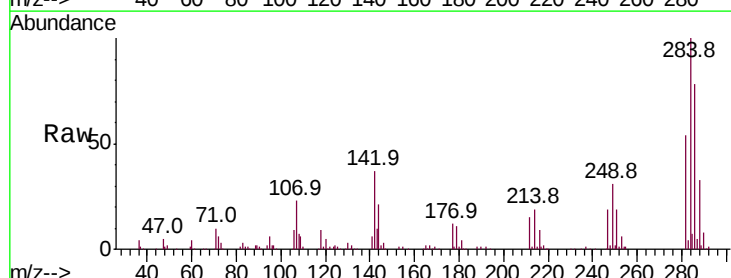
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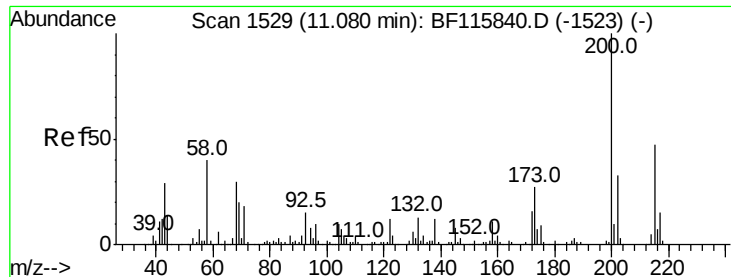
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#68
Hexachlorobenzene
Concen: 40.914 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	28.4	42.6
249	30.7	24.5	36.7





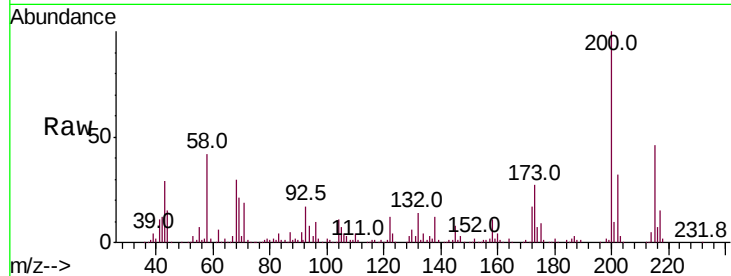
#69
Atrazine
Concen: 34.341 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

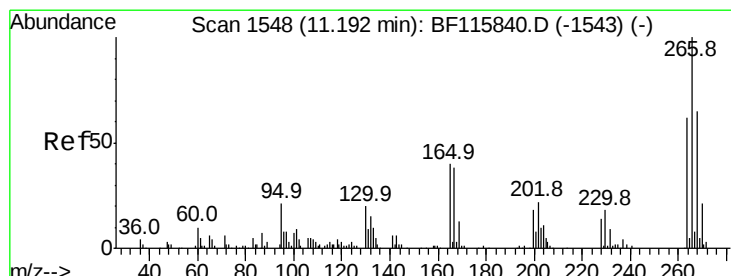
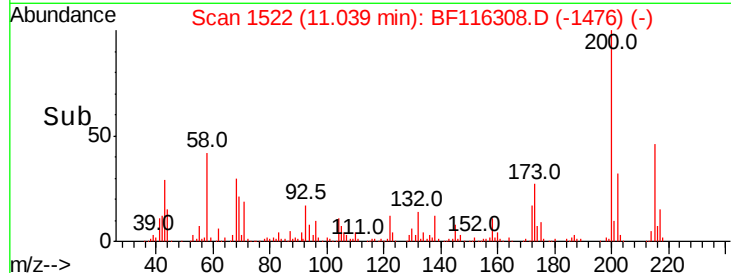
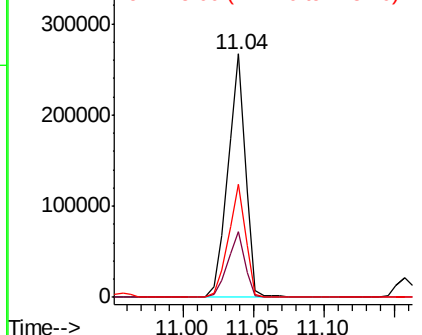
Tot Ion	Ratio	Resp	Lower	Upper
200	100	230783		
173	26.9	6.8	46.8	
215	46.3	27.5	67.5	

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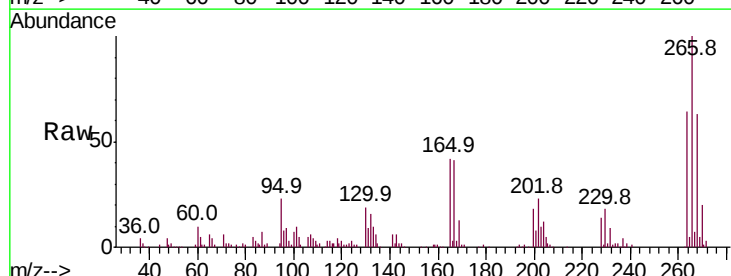


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

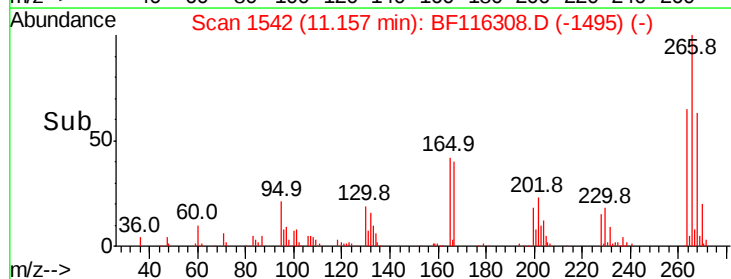
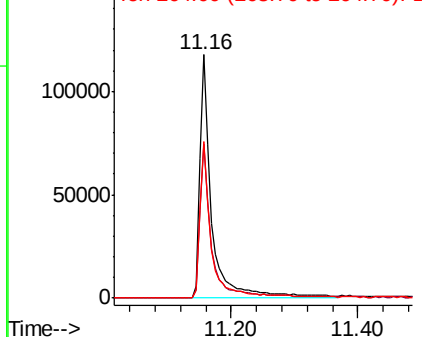


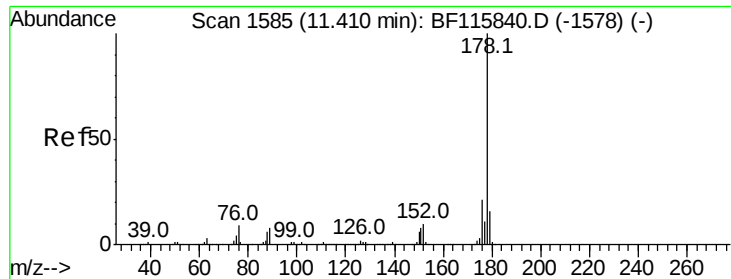
#70
Pentachlorophenol
Concen: 37.353 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.02 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	152357		
268	63.0	48.8	73.2	
264	64.4	50.6	76.0	



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





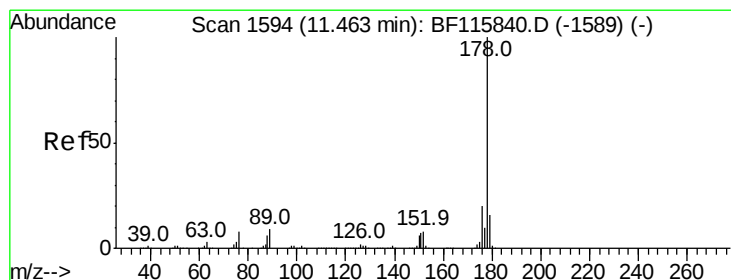
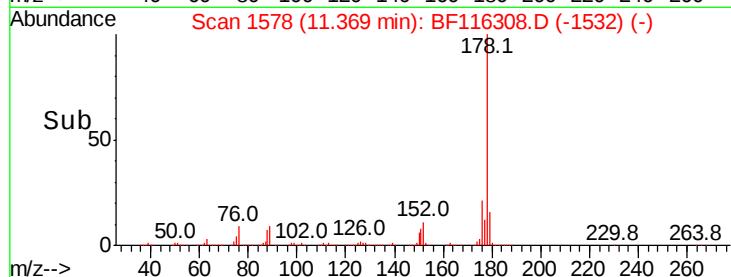
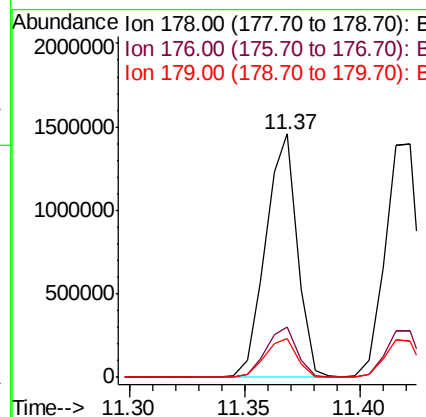
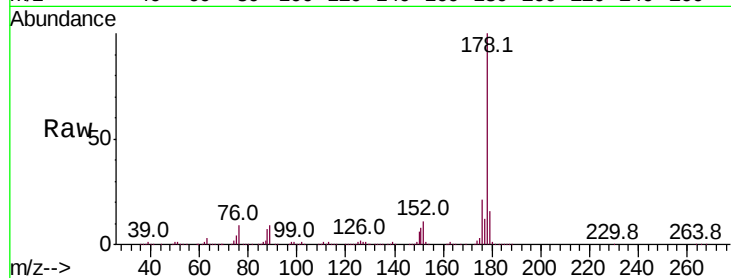
#71
Phenanthrene
Concen: 40.148 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1392983
Ion Ratio Lower Upper
178 100
176 20.9 16.6 24.8
179 15.8 12.5 18.7

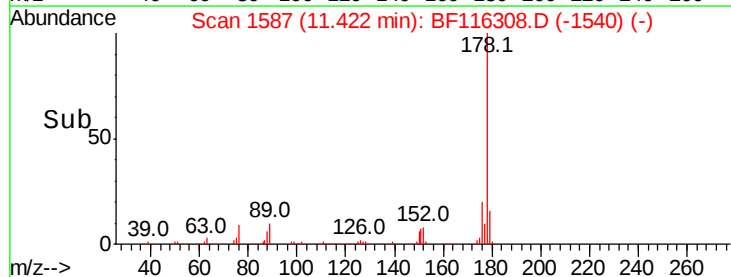
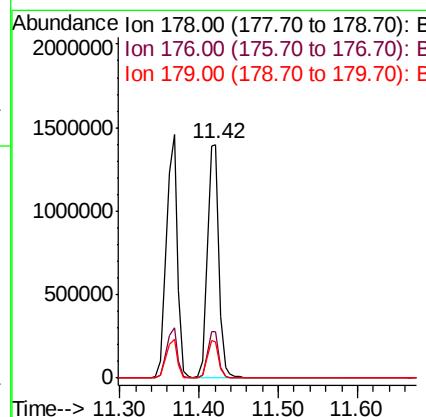
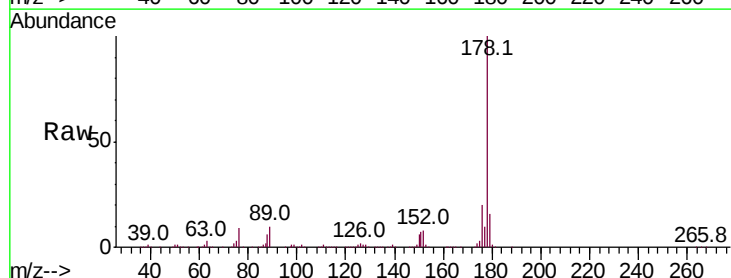
Manual Integrations
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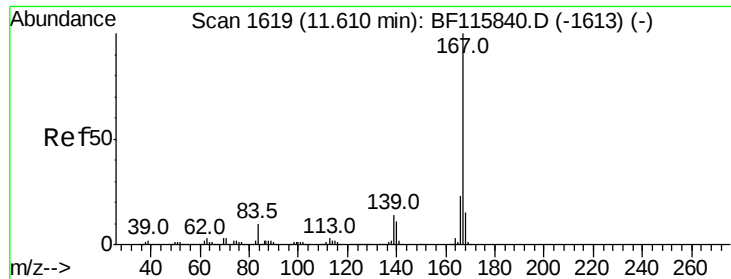
mohammad
8/20/2019 8:36:40 AM



#72
Anthracene
Concen: 40.875 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion:178 Resp: 1435292
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 15.5 13.0 19.6





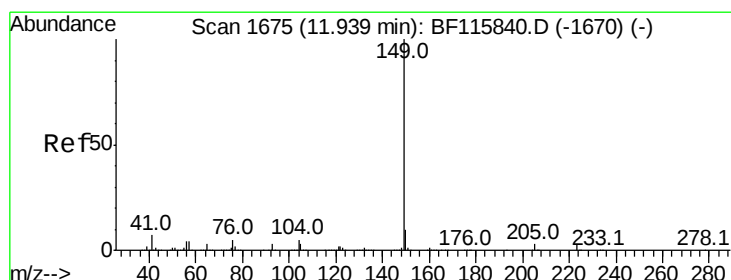
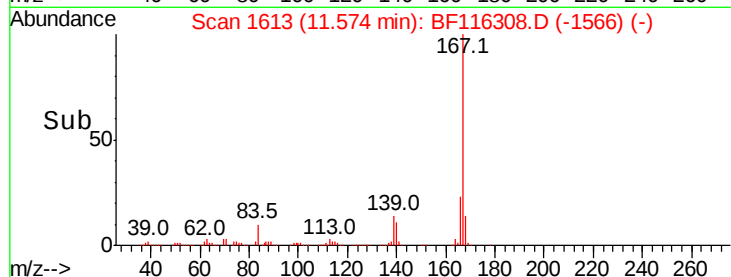
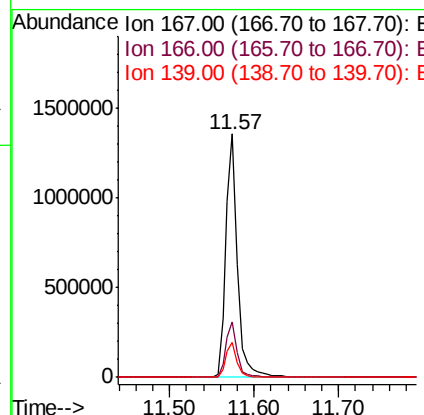
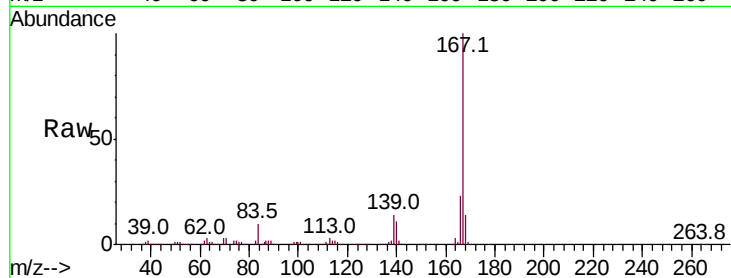
#73
 Carbazole
 Concen: 41.295 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	14.4	11.4	17.0

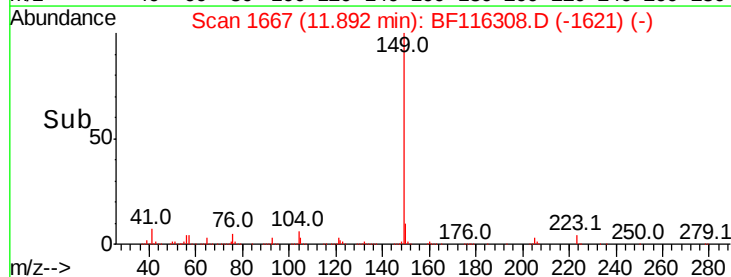
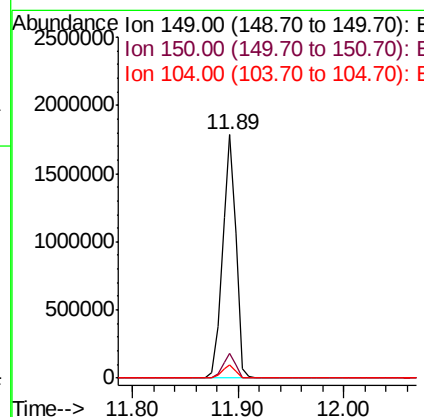
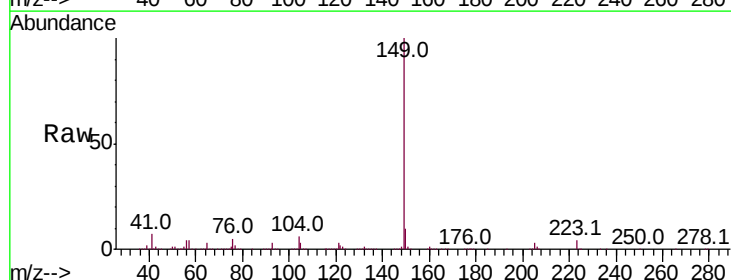
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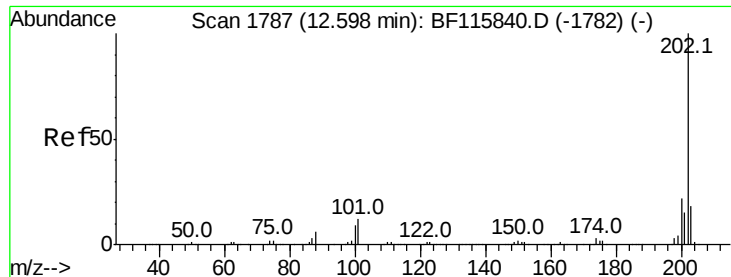
mohammad
 8/20/2019 8:36:40 AM



#74
 Di-n-butylphthalate
 Concen: 43.128 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.03 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.0	12.0
104	5.7	4.5	6.7





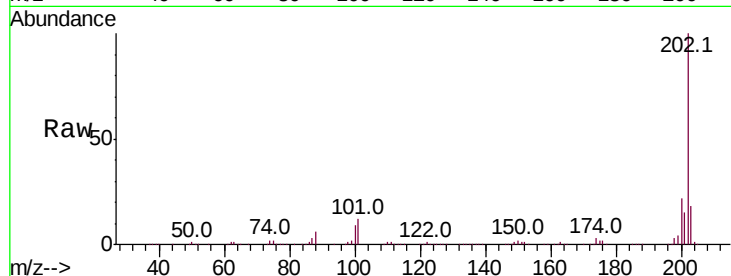
#75
Fluoranthene
 Concen: 40.595 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.03 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.2
203	18.0	0.0	37.8

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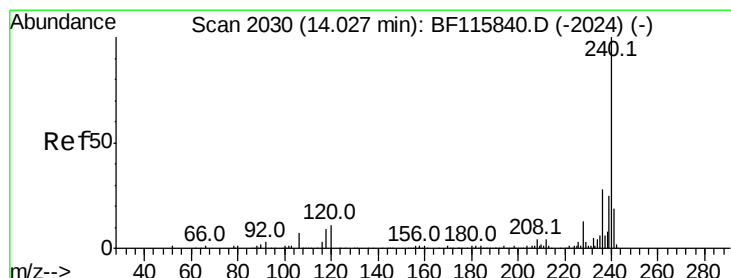
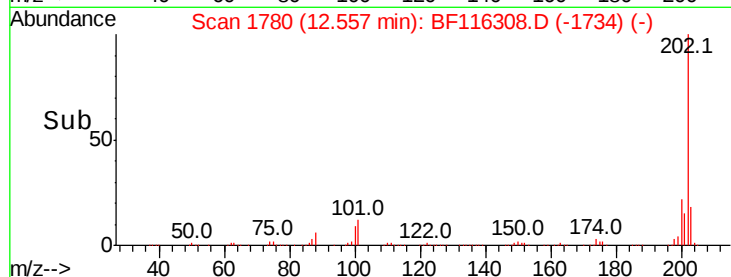
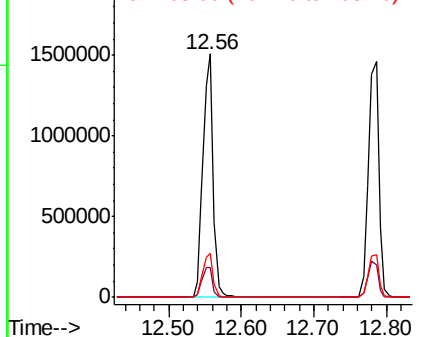


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

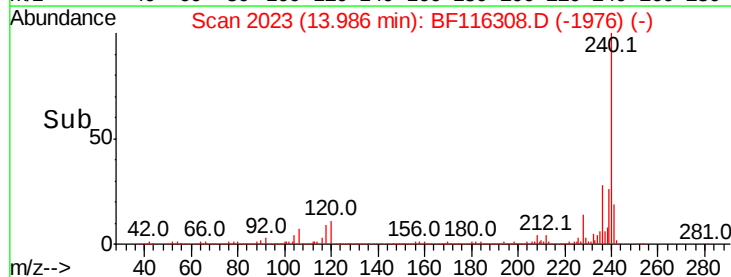
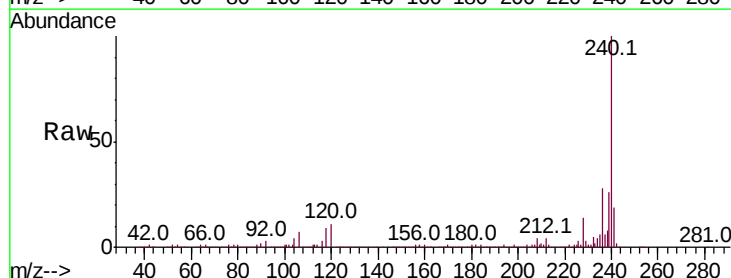
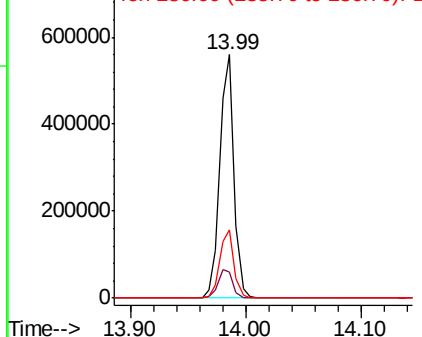
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.7	16.1#
236	28.1	22.2	33.2

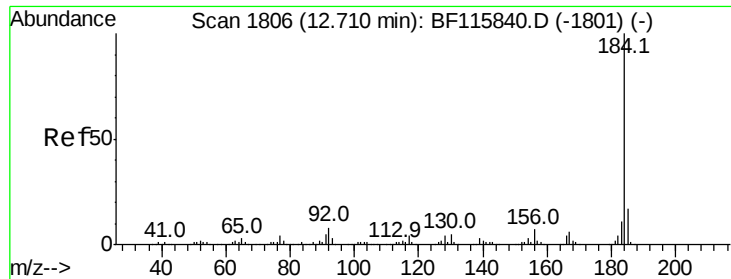
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.858 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.02 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

Instrument :

BNA_F

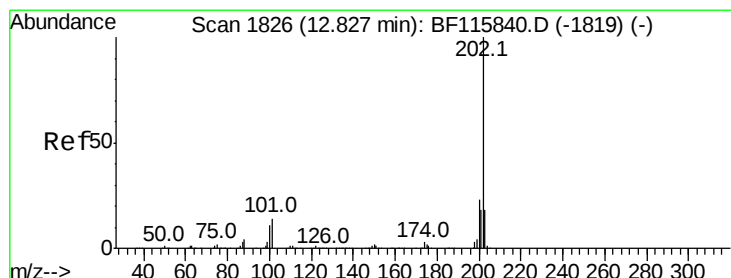
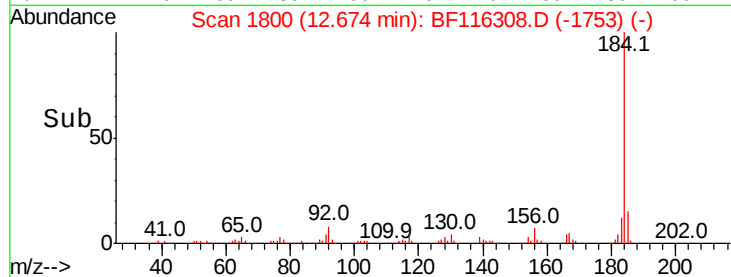
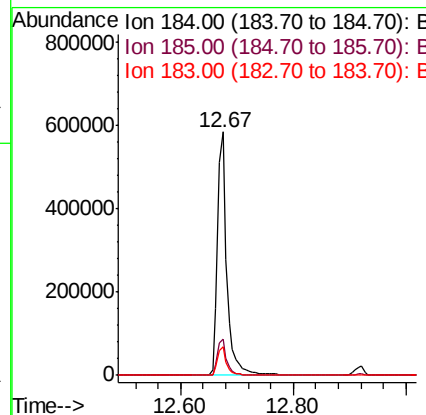
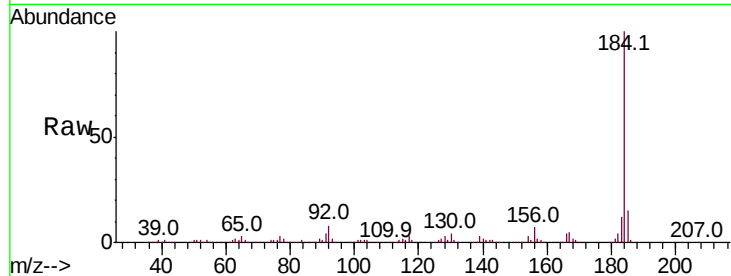
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.0	12.8	19.2	
183	11.6	9.4	14.0	

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#78

Pyrene

Concen: 41.226 ng

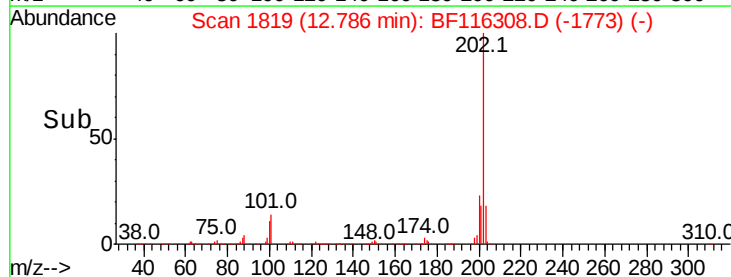
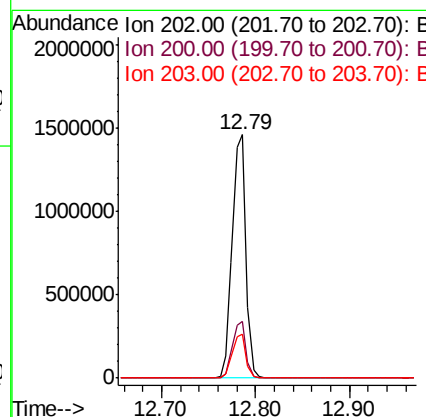
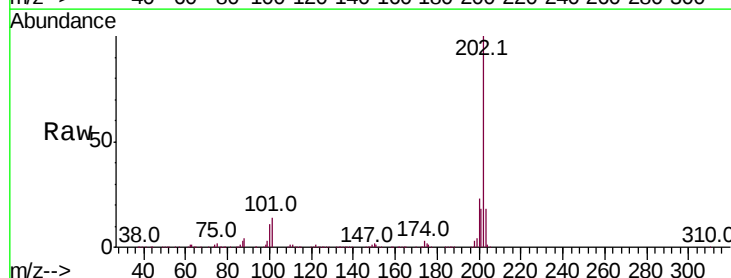
RT: 12.79 min Scan# 1819

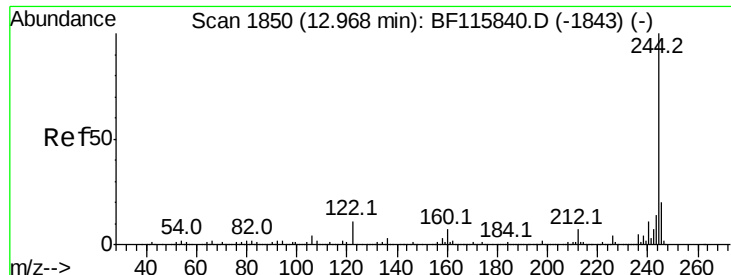
Delta R.T. -0.03 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	23.1	18.0	27.0	
203	18.2	14.1	21.1	





#79

Terphenyl-d14

Concen: 81.376 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.03 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1839655

Ion Ratio Lower Upper

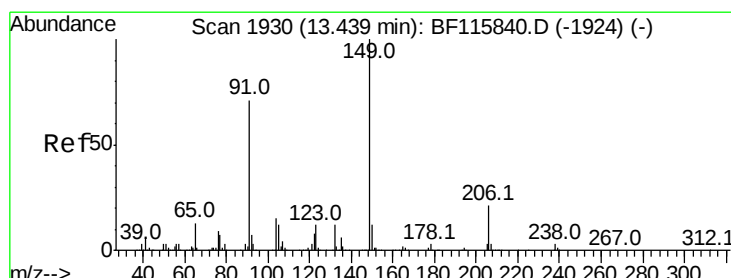
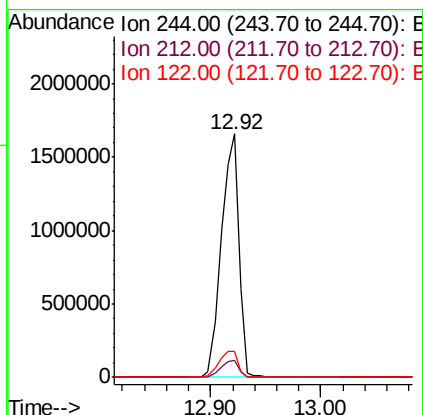
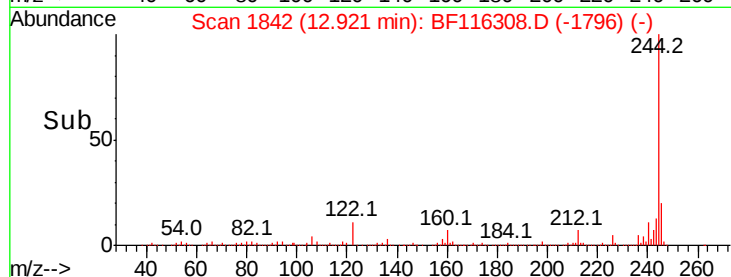
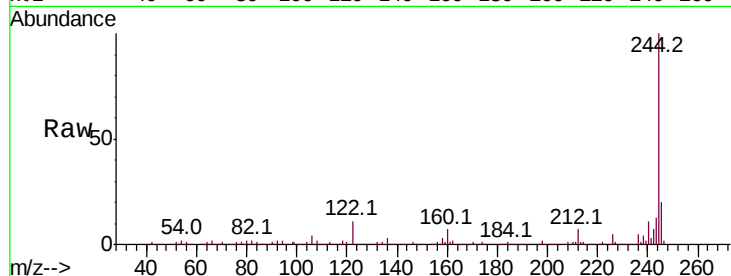
244 100

212 7.1 5.8 8.8

122 10.7 9.0 13.4

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#80

Butylbenzylphthalate

Concen: 45.096 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.04 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

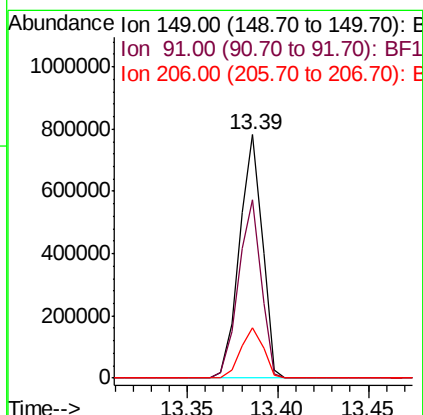
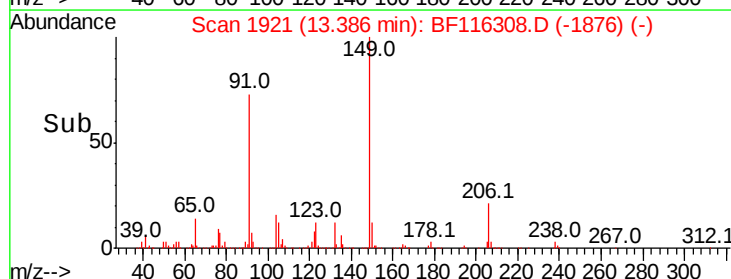
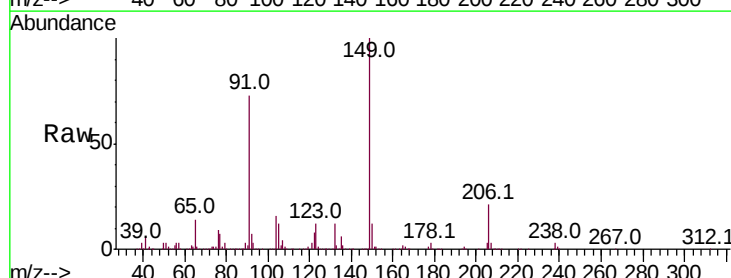
Tgt Ion:149 Resp: 684993

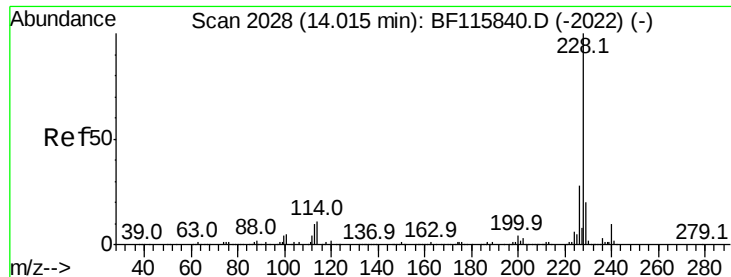
Ion Ratio Lower Upper

149 100

91 73.1 56.3 84.5

206 20.9 18.0 27.0





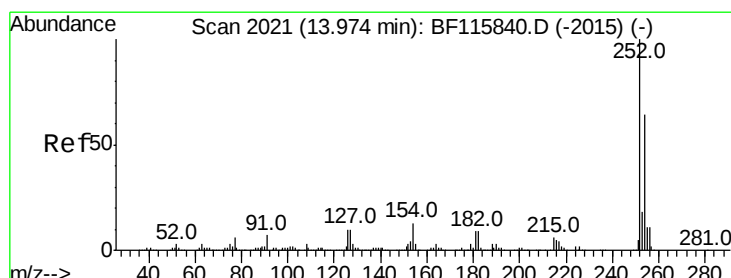
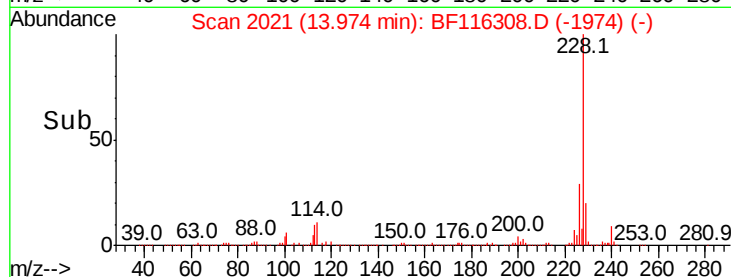
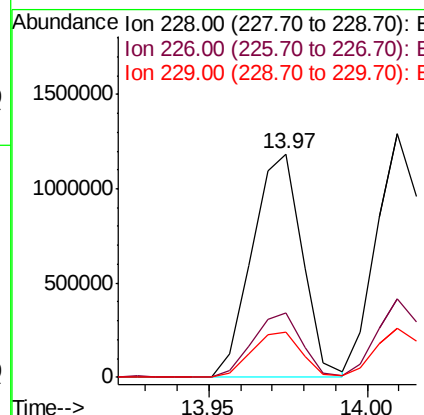
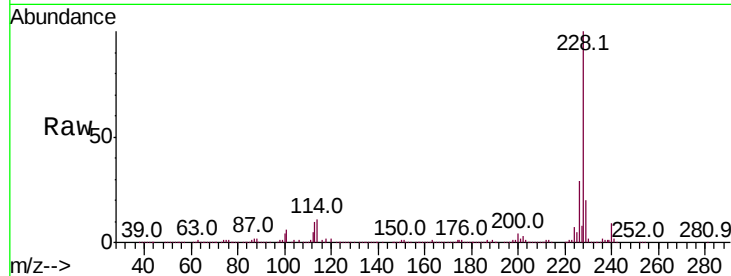
#81
Benzo(a)anthracene
Concen: 42.730 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	20.4	16.2	24.4

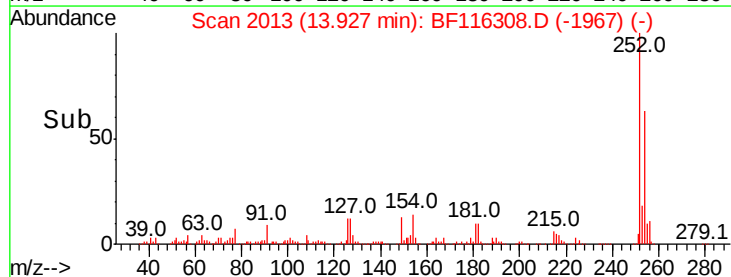
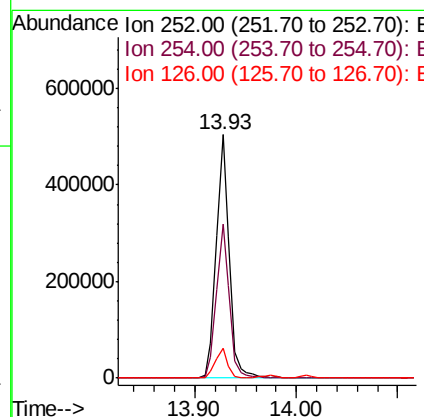
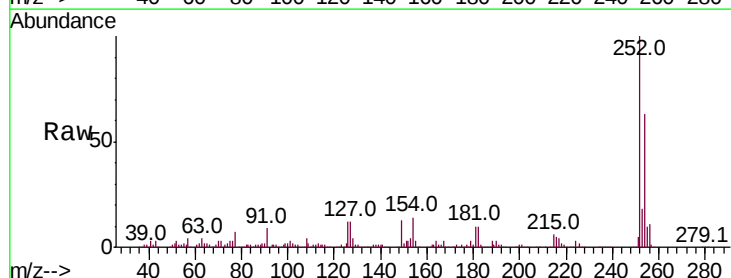
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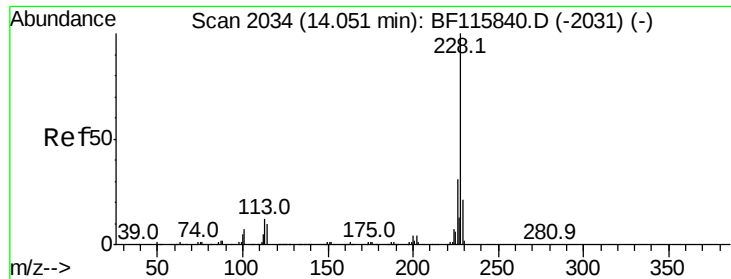
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 42.815 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.03 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.9	76.3
126	12.0	9.8	14.8





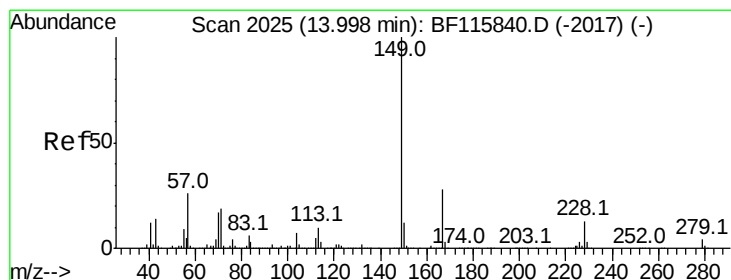
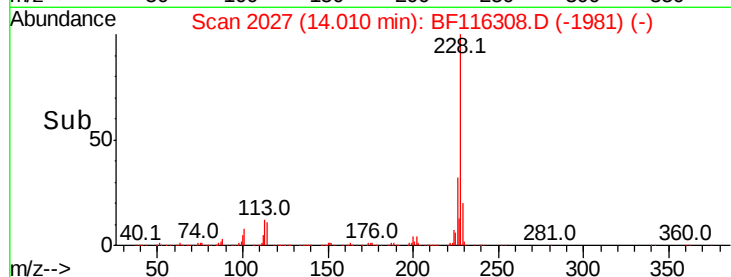
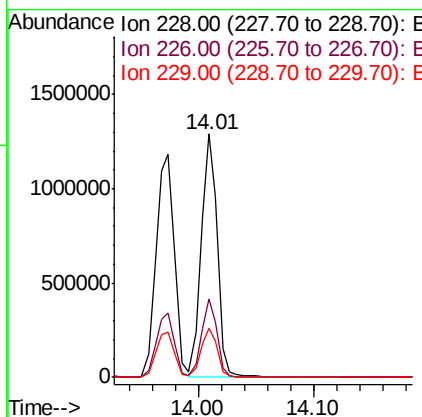
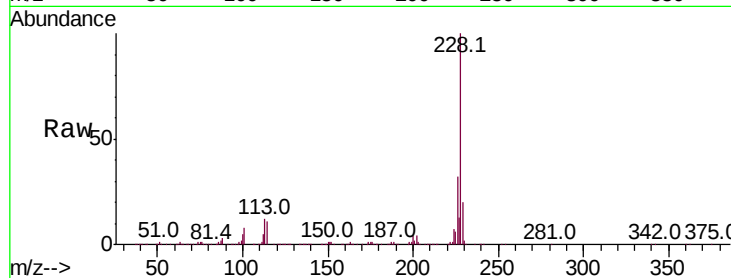
#83
 Chrysene
 Concen: 42.655 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.03 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.5	38.3
229	20.2	16.6	24.8

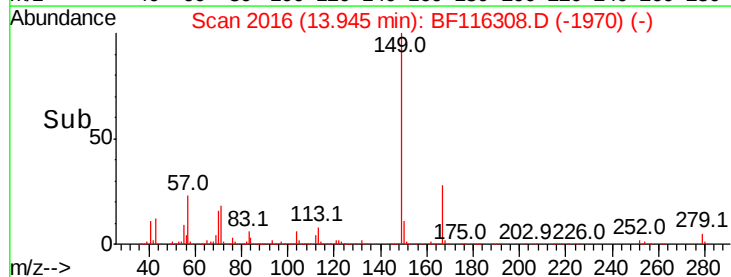
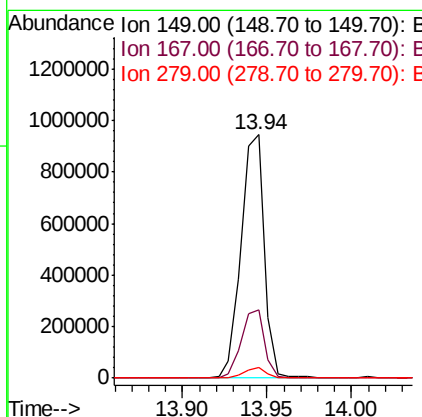
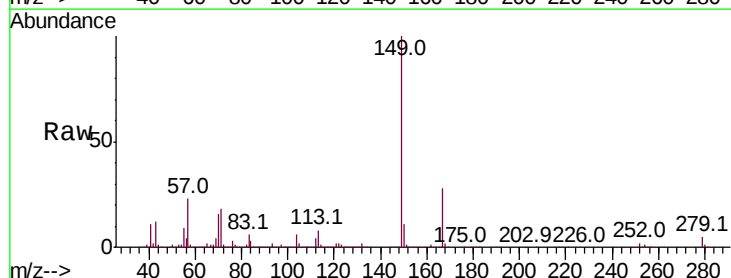
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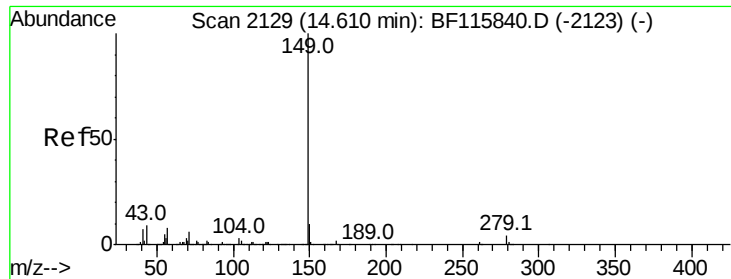
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.141 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.03 min
 Lab File: BF116308.D
 Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.6	32.4
279	4.5	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 45.417 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.04 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1423940

Ion Ratio Lower Upper

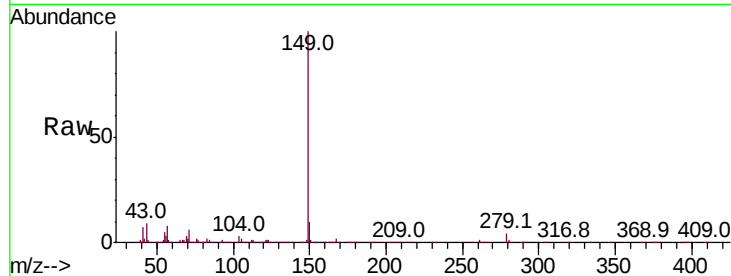
149 100

167 1.6 1.4 2.0

43 9.2 7.5 11.3

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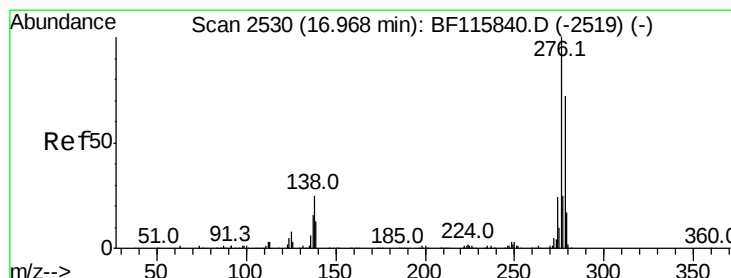
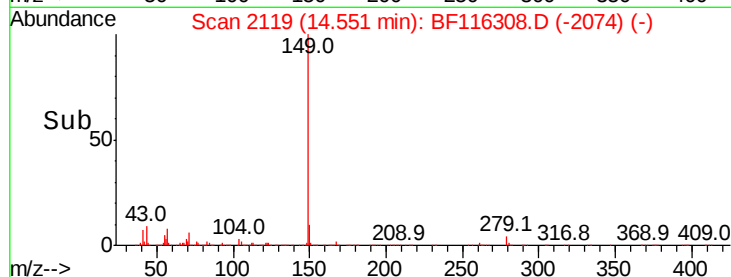
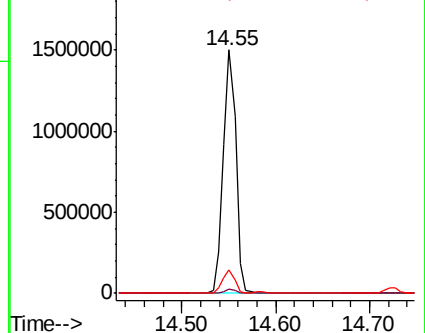
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.624 ng

RT: 16.92 min Scan# 2521

Delta R.T. -0.04 min

Lab File: BF116308.D

Acq: 16 Aug 2019 8:47

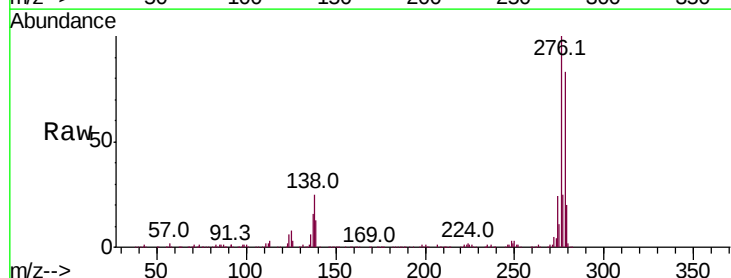
Tgt Ion:276 Resp: 1132707

Ion Ratio Lower Upper

276 100

138 26.0 20.4 30.6

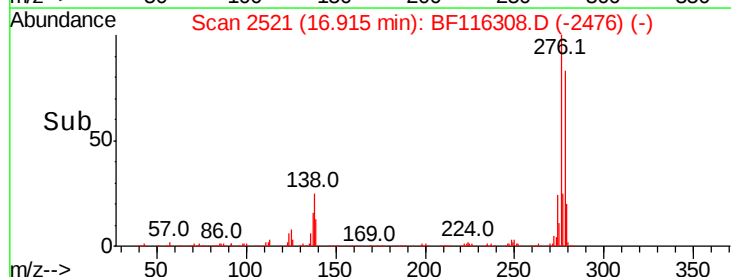
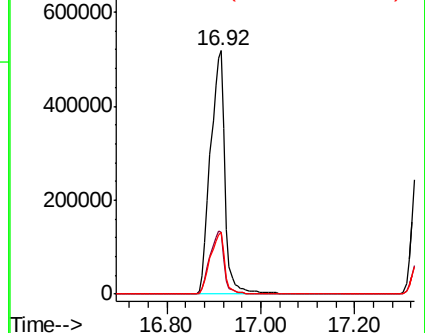
277 25.3 20.0 30.0

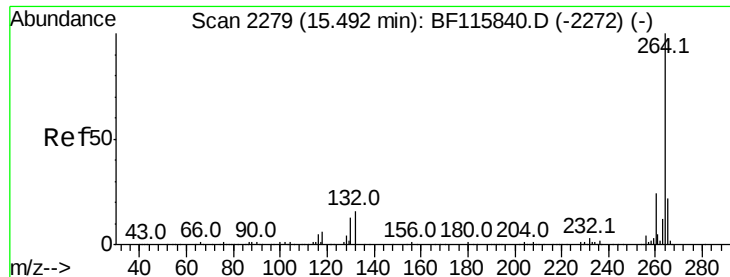


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





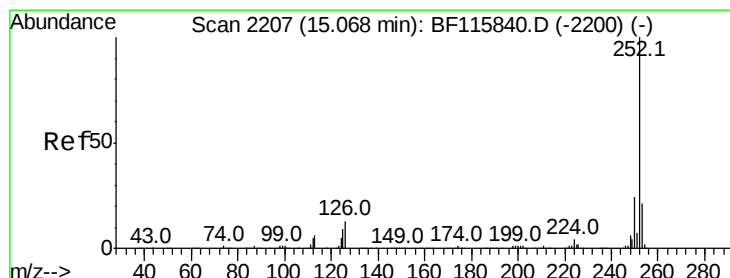
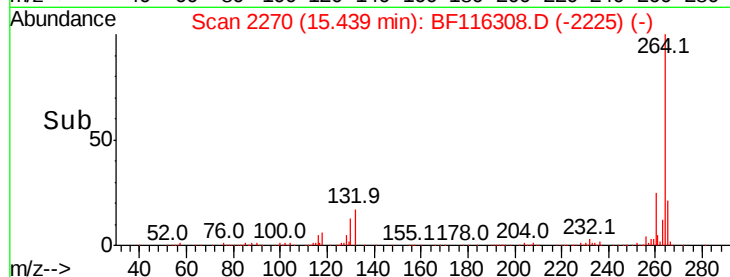
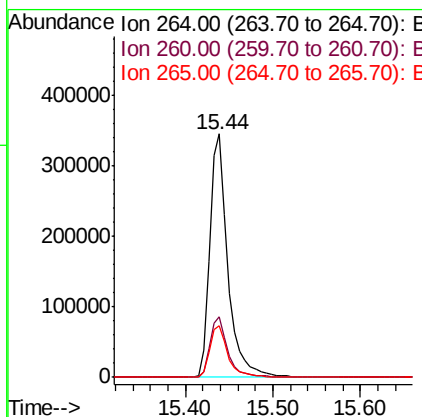
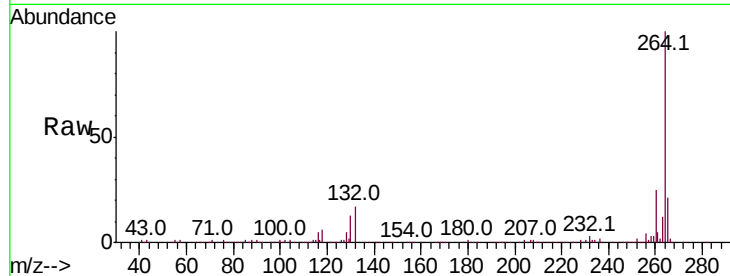
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	21.4	17.4	26.0

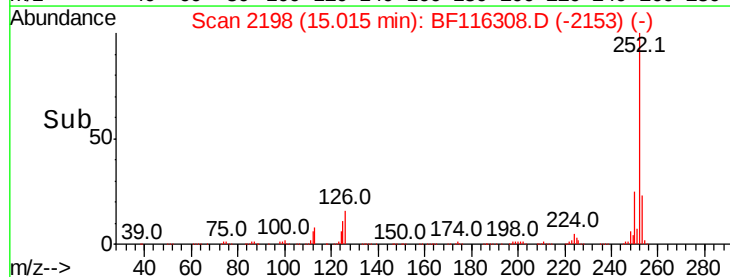
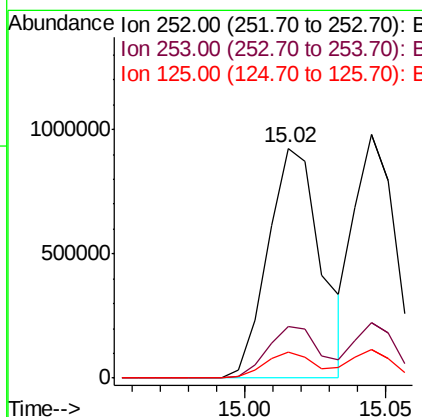
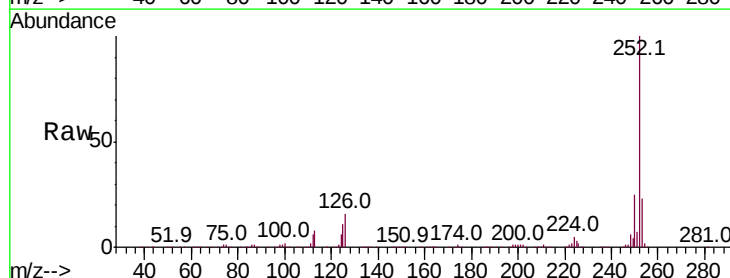
Manual Integrations
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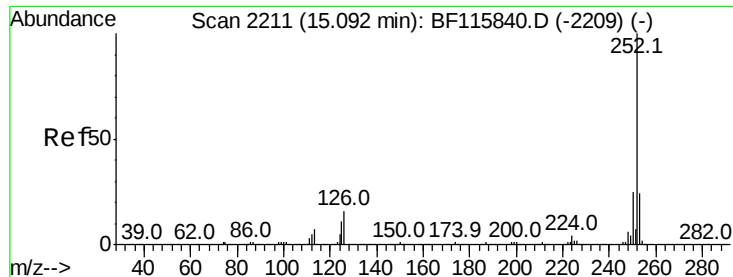
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.435 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.3	8.4	12.6





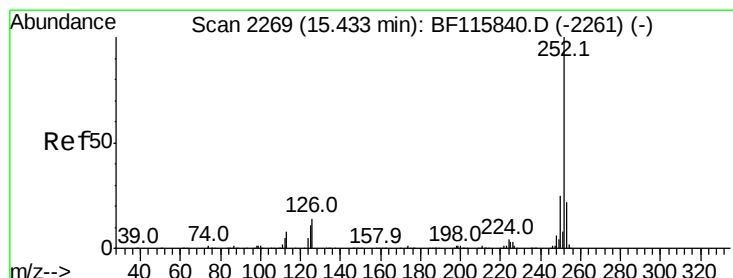
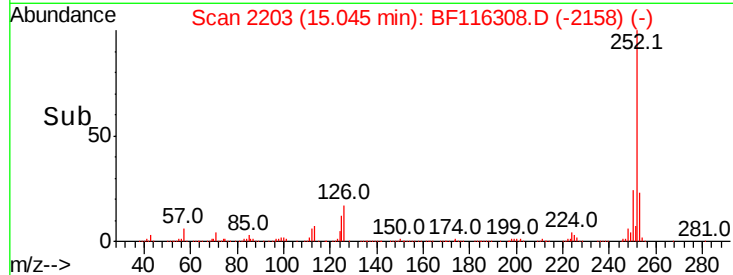
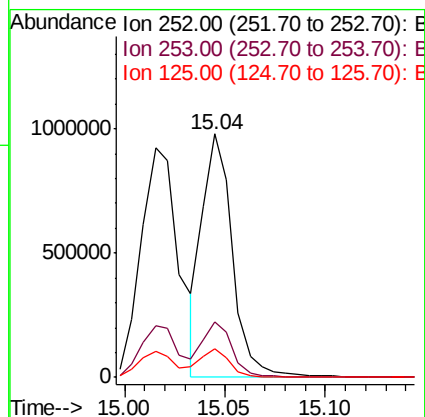
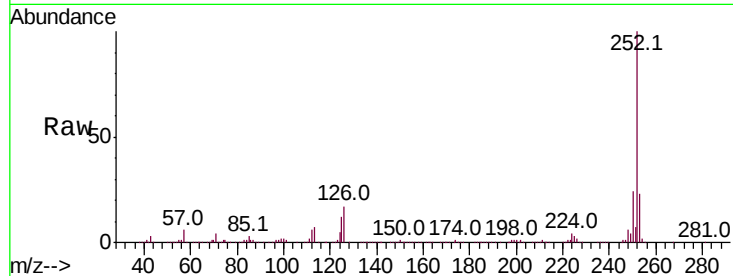
#89
Benzo(k)fluoranthene
Concen: 37.092 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1030839
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.6 7.7 11.5#

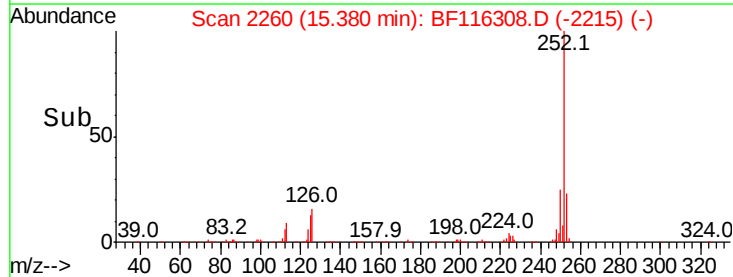
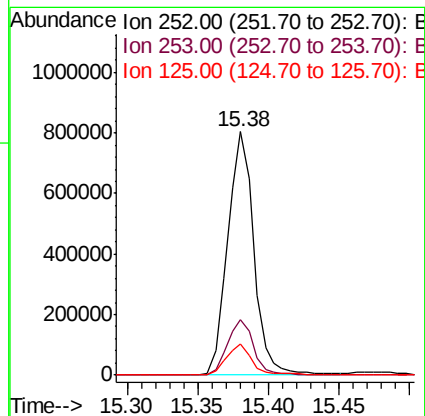
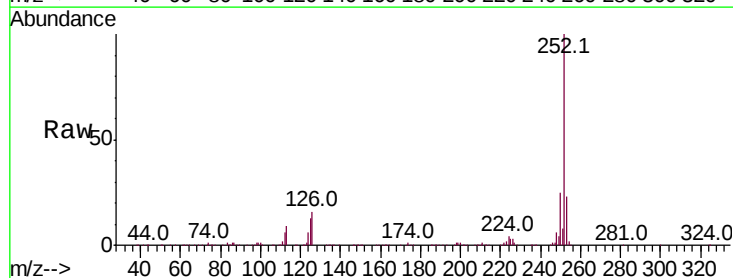
Manual Integrations
APPROVED

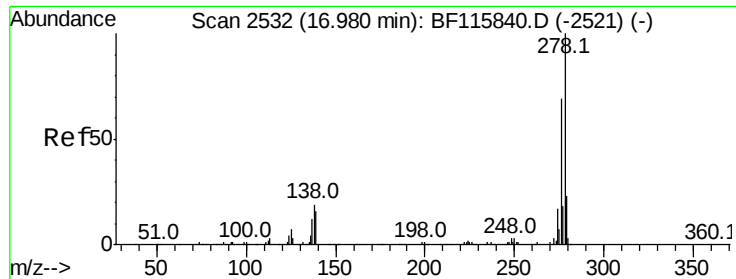
mohammad
8/20/2019 8:36:40 AM



#90
Benzo(a)pyrene
Concen: 40.848 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.04 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion:252 Resp: 1041868
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 12.6 8.9 13.3





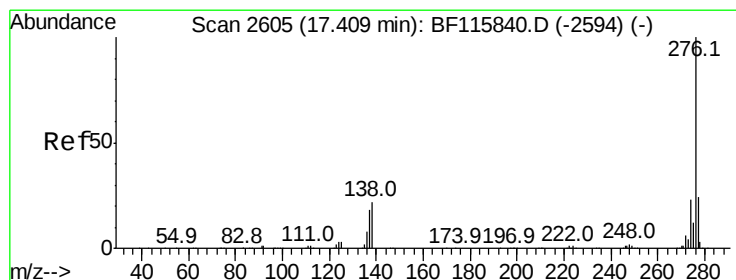
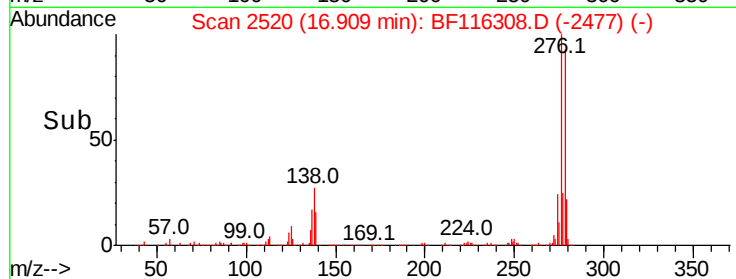
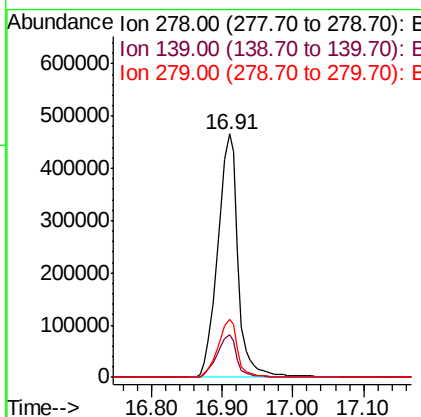
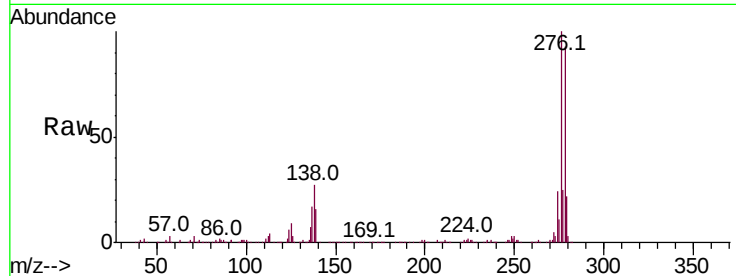
#91
Dibenzo(a,h)anthracene
Concen: 42.183 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.05 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	12.8	19.2
279	24.0	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/20/2019 8:36:40 AM



#92
Benzo(g,h,i)perylene
Concen: 42.716 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.05 min
Lab File: BF116308.D
Acq: 16 Aug 2019 8:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.4	27.6
138	24.0	17.0	25.6

