

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116016.D
 Acq On : 6 Aug 2019 16:37
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 8/7/2019 4:42:02 PM

Quant Time: Aug 07 07:29:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	153551	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	643010	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	351991	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	607241	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	435863	20.00	ng	-0.02
87) Perylene-d12	15.47	264	441923	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	764624	83.36	ng	0.00
7) Phenol-d6	6.49	99	968582	83.70	ng	0.00
23) Nitrobenzene-d5	7.41	82	920631	82.65	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	285796	83.75	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1541848	82.05	ng	-0.01
79) Terphenyl-d14	12.95	244	1737942	84.02	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	182170	39.314	ng	99
3) Pyridine	3.36	79	494602	38.210	ng	99
4) n-Nitrosodimethylamine	3.32	42	202084	39.561	ng	98
6) Aniline	6.51	93	671162	40.497	ng	97
8) 2-Chlorophenol	6.63	128	437567	43.141	ng	99
9) Benzaldehyde	6.40	77	296877	37.180	ng	99
10) Phenol	6.50	94	567442	41.638	ng	88
11) bis(2-Chloroethyl)ether	6.58	93	434965	43.413	ng	99
12) 1,3-Dichlorobenzene	6.79	146	488268	41.654	ng	97
13) 1,4-Dichlorobenzene	6.86	146	491541	41.880	ng	99
14) 1,2-Dichlorobenzene	7.02	146	453222	41.937	ng	98
15) Benzyl Alcohol	6.99	79	375868	42.798	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	599167	43.842	ng	95
17) 2-Methylphenol	7.10	107	368653	42.925	ng	99
18) Hexachloroethane	7.36	117	185389	42.902	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	314212	43.816	ng	99
20) 3+4-Methylphenols	7.26	107	435091	42.810	ng	# 83
22) Acetophenone	7.26	105	587529	41.663	ng	98
24) Nitrobenzene	7.43	77	505379	42.016	ng	100
25) Isophorone	7.67	82	919063	43.147	ng	99
26) 2-Nitrophenol	7.75	139	249868	44.070	ng	100
27) 2,4-Dimethylphenol	7.78	122	354206	41.524	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	572309	43.349	ng	99
29) 2,4-Dichlorophenol	7.99	162	388418	43.125	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	430801	41.960	ng	99
31) Naphthalene	8.15	128	1281094	42.338	ng	100
32) Benzoic acid	7.93	122	253658	42.178	ng	99
33) 4-Chloroaniline	8.20	127	564766	41.773	ng	99
34) Hexachlorobutadiene	8.27	225	250841	42.417	ng	100
35) Caprolactam	8.58	113	121352	41.659	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	408632	43.611	ng	99
37) 2-Methylnaphthalene	8.84	142	853117	42.810	ng	99
38) 1-Methylnaphthalene	8.94	142	816201	43.294	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	397933	42.288	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	157719	40.493	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	261469	40.368	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	274038	40.929	nq	99
46) 1,1'-Biphenyl	9.30	154	1030638	41.474	nq	100
47) 2-Chloronaphthalene	9.33	162	845502	40.879	nq	97
48) 2-Nitroaniline	9.43	65	278744	40.773	nq	94
49) Acenaphthylene	9.75	152	1261452	41.805	nq	99
50) Dimethylphthalate	9.60	163	1018404	42.493	nq	100
51) 2,6-Dinitrotoluene	9.67	165	219655	42.174	nq	90
52) Acenaphthene	9.92	154	762449	41.188	nq	99
53) 3-Nitroaniline	9.84	138	257208	39.966	nq	93
54) 2,4-Dinitrophenol	9.95	184	91524	38.988	nq	97
55) Dibenzofuran	10.09	168	1122358	41.691	nq	96
56) 4-Nitrophenol	10.00	139	153765	37.298	nq	92
57) 2,4-Dinitrotoluene	10.07	165	286899	41.373	nq	91
58) Fluorene	10.43	166	873410	42.169	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	236762	42.032	nq	96
60) Diethylphthalate	10.30	149	956126	42.730	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	449360	42.838	nq	97
62) 4-Nitroaniline	10.46	138	263885	39.677	nq	98
63) Azobenzene	10.58	77	986415	42.860	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	143801	44.687	nq	95
66) n-Nitrosodiphenylamine	10.54	169	777298	42.528	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	281919	43.369	nq	94
68) Hexachlorobenzene	10.99	284	320608	42.652	nq	96
69) Atrazine	11.06	200	194422	32.334	nq	100
70) Pentachlorophenol	11.18	266	135995	37.265	nq	100
71) Phenanthrene	11.39	178	1295334	41.726	nq	100
72) Anthracene	11.44	178	1309534	41.682	nq	99
73) Carbazole	11.60	167	1194444	41.905	nq	99
74) Di-n-butylphthalate	11.92	149	1503733	45.224	nq	100
75) Fluoranthene	12.58	202	1352746	41.624	nq	98
77) Benzidine	12.70	184	614994	41.764	nq	97
78) Pyrene	12.81	202	1381120	42.036	nq	99
80) Butylbenzylphthalate	13.42	149	638562	45.946	nq	96
81) Benzo(a)anthracene	14.00	228	1207710	43.351	nq	100
82) 3,3'-Dichlorobenzidine	13.96	252	435436	44.989	nq	98
83) Chrysene	14.03	228	1159433	42.868	nq	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	879919m	48.720	nq	
85) Di-n-octyl phthalate	14.59	149	1363366	47.526	nq	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	919546	40.480	nq	99
88) Benzo(b)fluoranthene	15.04	252	1053411	41.225	nq	97
89) Benzo(k)fluoranthene	15.07	252	1044210	41.956	nq	99
90) Benzo(a)pyrene	15.41	252	945129	41.377	nq	98
91) Dibenzo(a,h)anthracene	16.95	278	762734	38.576	nq	99
92) Benzo(g,h,i)perylene	17.38	276	712579	36.697	nq	99

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

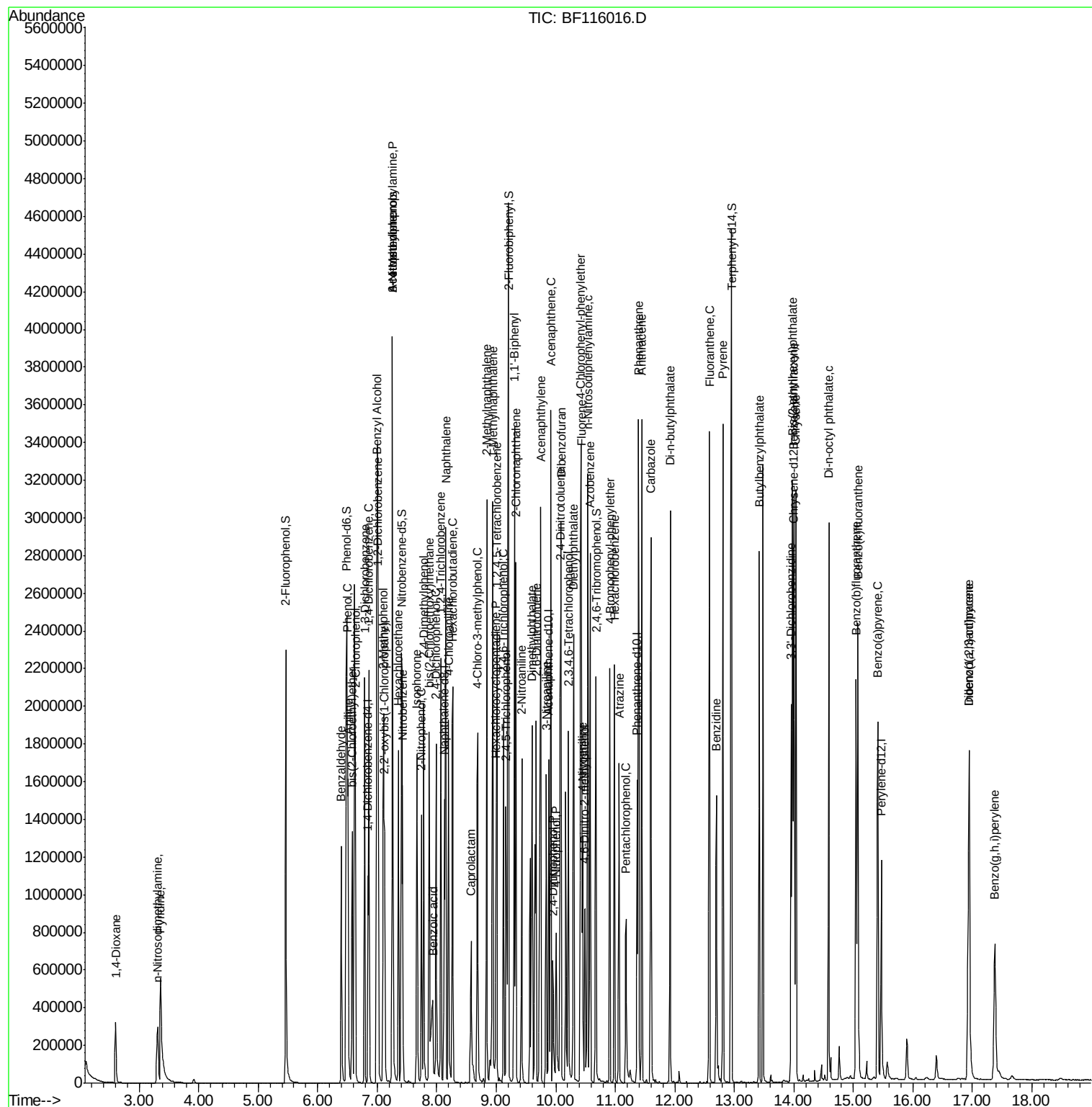
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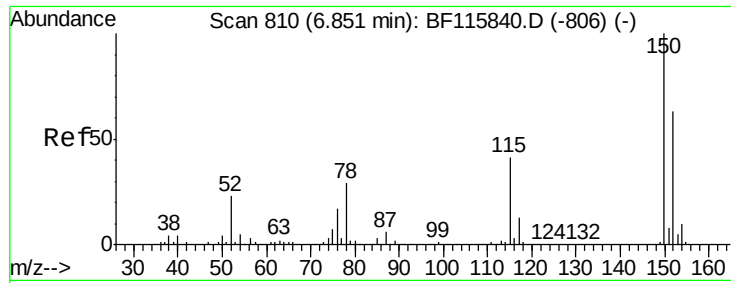
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

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#1

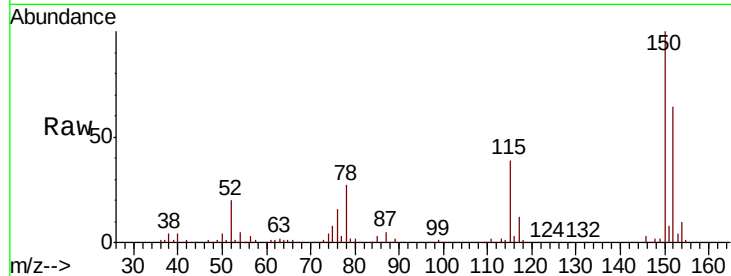
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	127.4	191.0
115	61.3	51.8	77.8

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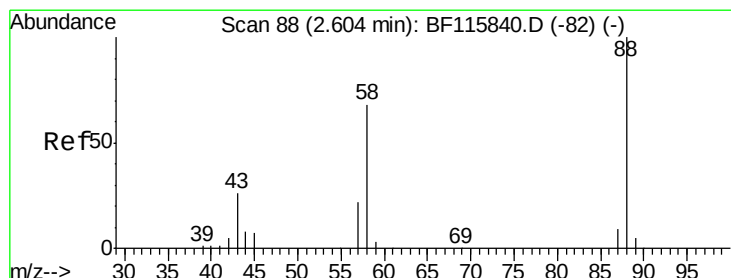
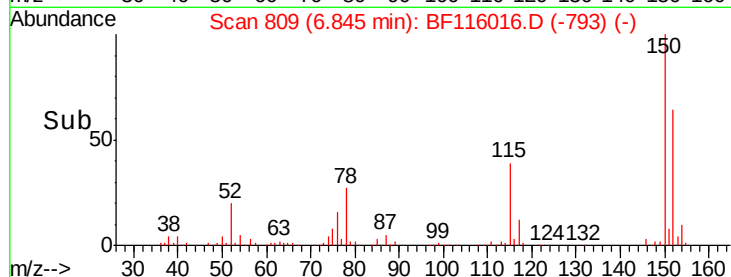
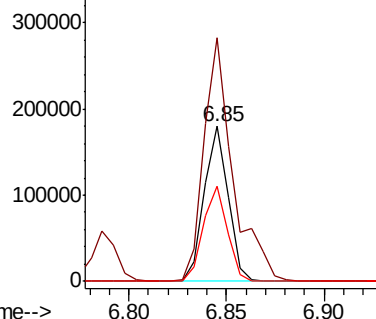


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

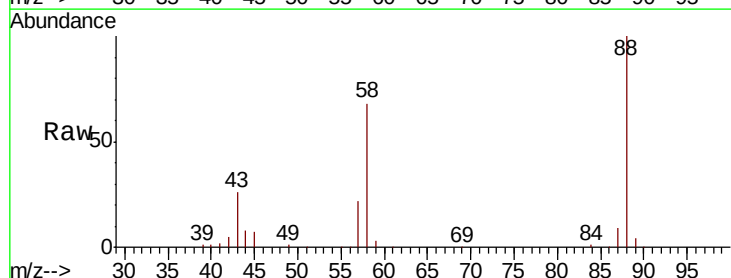
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.314 ng
RT: 2.60 min Scan# 88
Delta R.T. -0.00 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	54.1	81.1
43	25.9	20.7	31.1

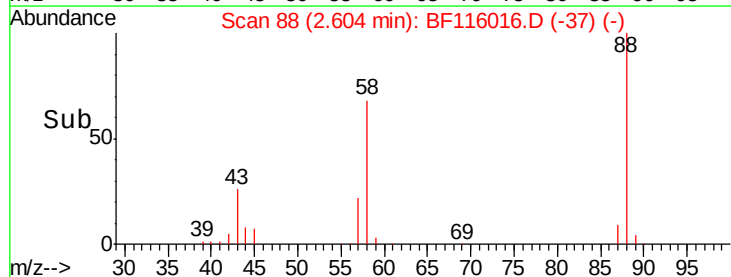
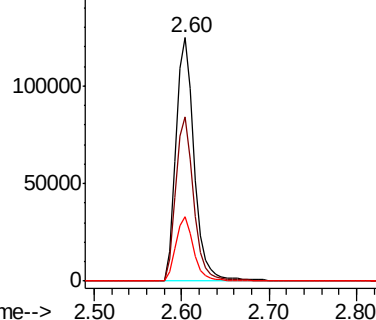


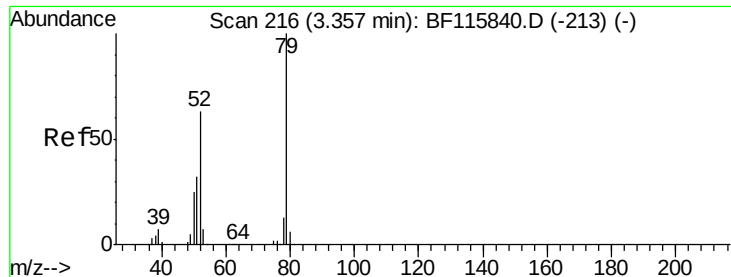
Abundance

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: 38.210 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.00 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Instrument :

BNA_F

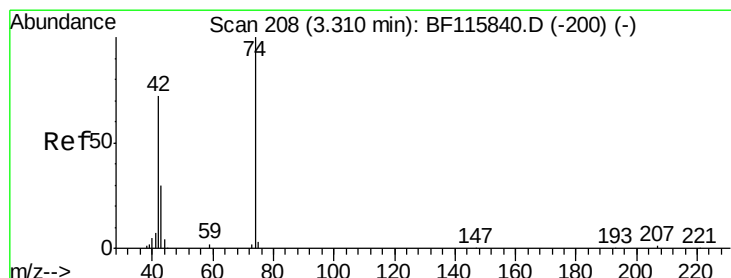
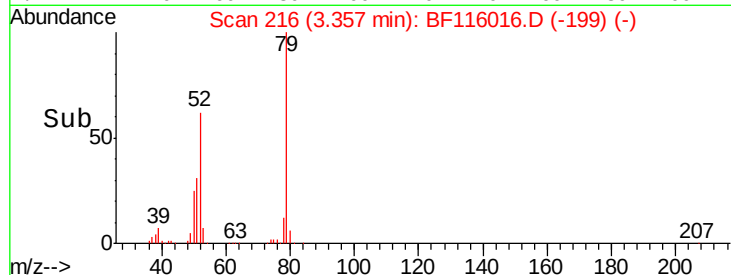
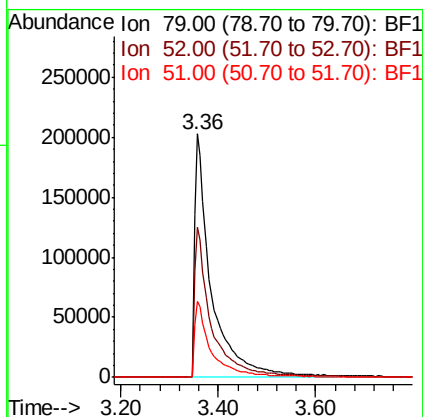
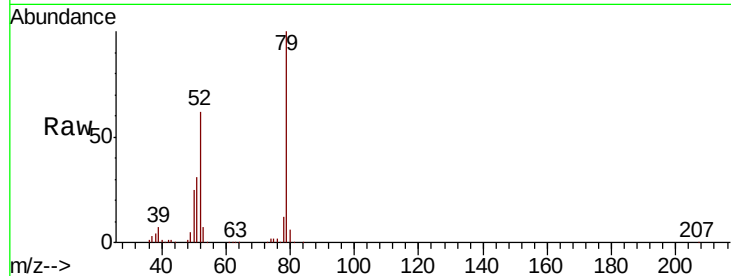
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	494602
Ion	Ratio	Lower	Upper
79	100		
52	61.8	50.2	75.4
51	31.4	25.8	38.6

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#4

n-Nitrosodimethylamine

Concen: 39.561 ng

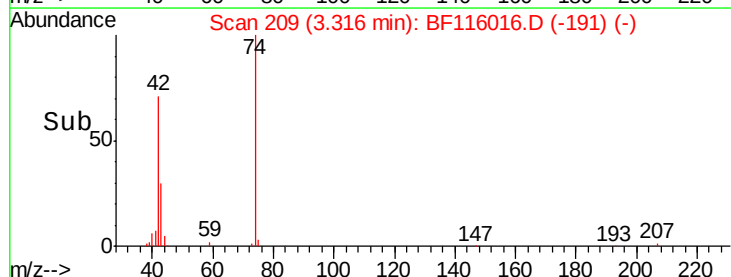
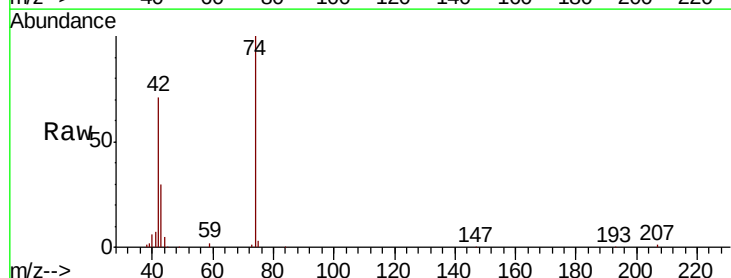
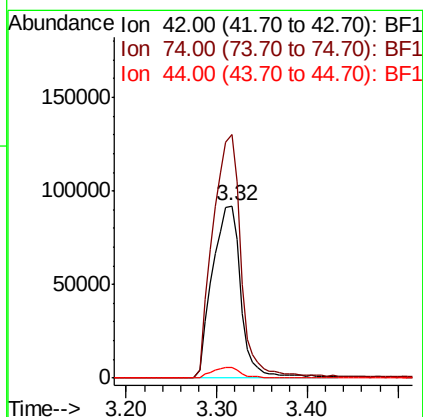
RT: 3.32 min Scan# 209

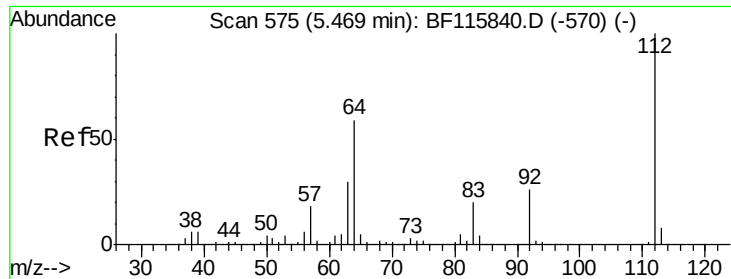
Delta R.T. 0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Tgt Ion:	42	Resp:	202084
Ion	Ratio	Lower	Upper
42	100		
74	141.2	111.0	166.4
44	6.4	4.7	7.1





#5

2-Fluorophenol

Concen: 83.362 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Instrument :

BNA_F

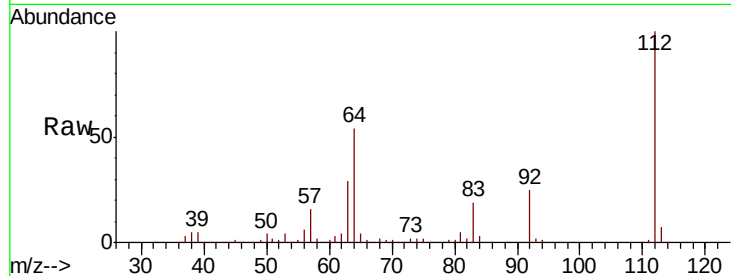
ClientSampleId :

SSTDCCC040

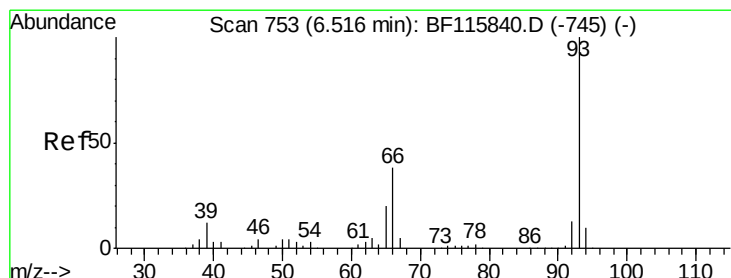
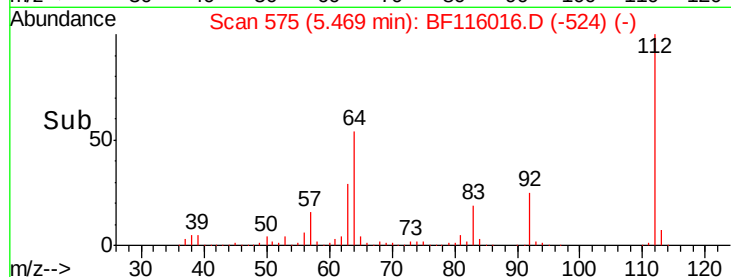
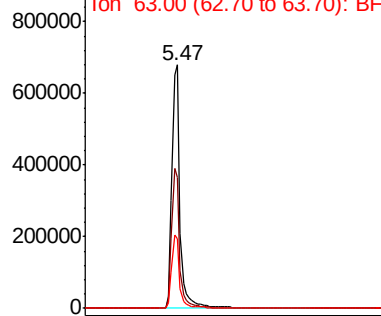
Tot Ion:	112	Resp:	764624
Ion Ratio	Lower	Upper	
112	100		
64	53.8	46.8	70.2
63	28.5	24.2	36.2

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF116016.D (-524) (-)



#6

Aniline

Concen: 40.497 ng

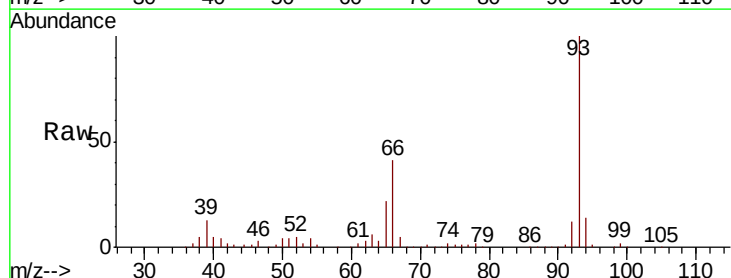
RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

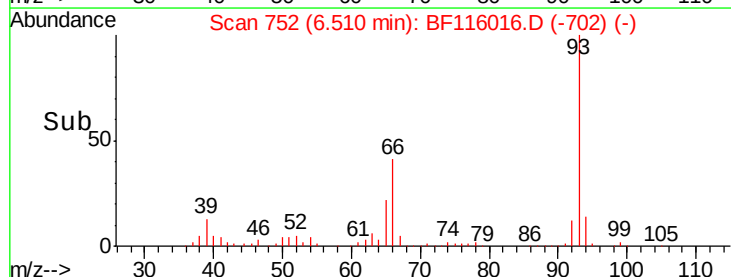
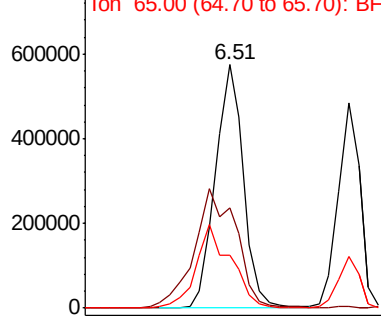
Lab File: BF116016.D

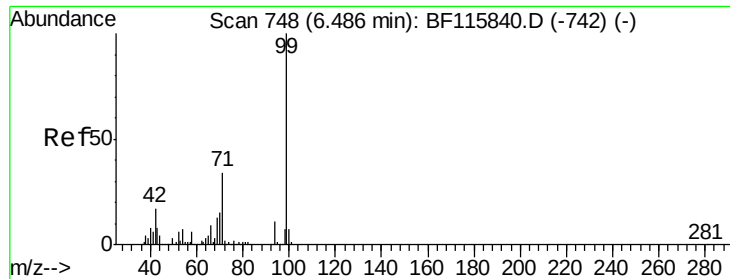
Acq: 6 Aug 2019 16:37

Tgt Ion:	93	Resp:	671162
Ion Ratio	Lower	Upper	
93	100		
66	41.2	31.4	47.0
65	21.7	16.5	24.7



Abundance Ion 93.00 (92.70 to 93.70): BF116016.D (-702) (-)





#7

Phenol-d6

Concen: 83.696 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Instrument :

BNA_F

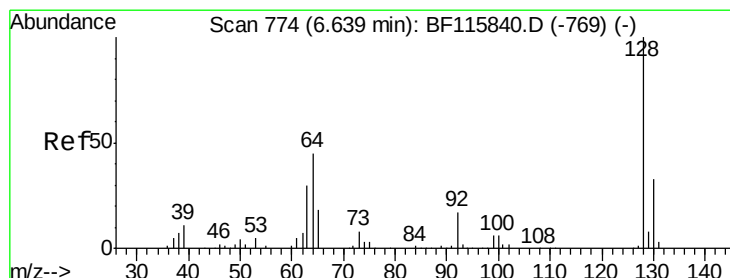
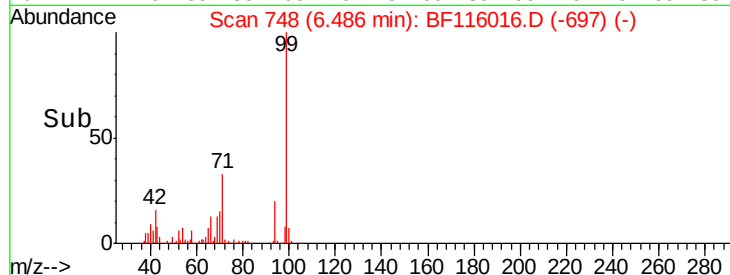
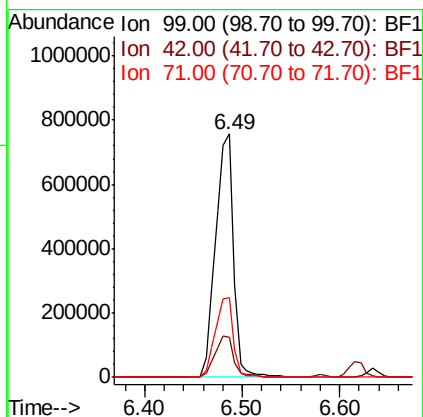
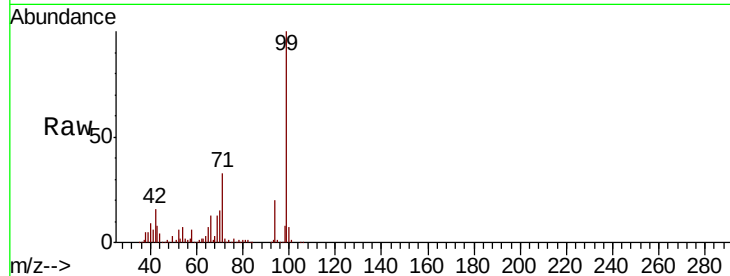
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	968582
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.8	20.6
71	32.9	27.1	40.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 43.141 ng

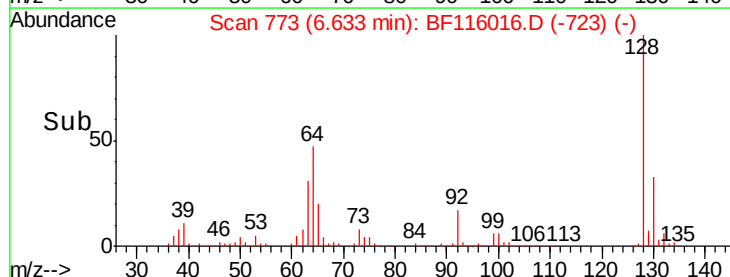
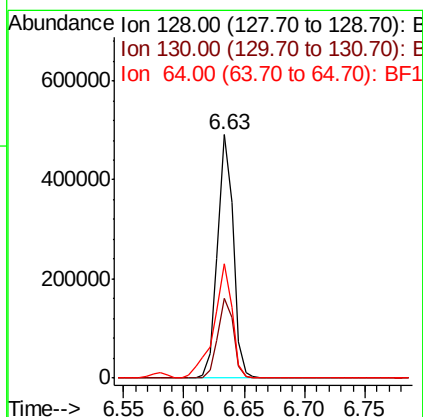
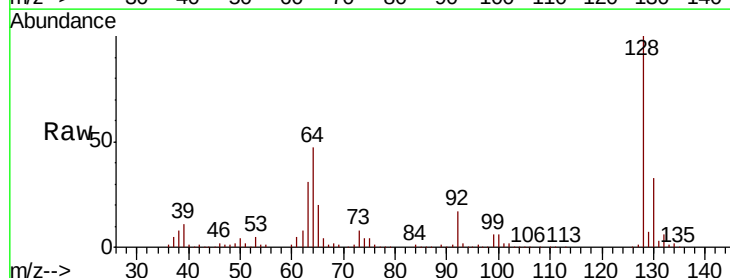
RT: 6.63 min Scan# 773

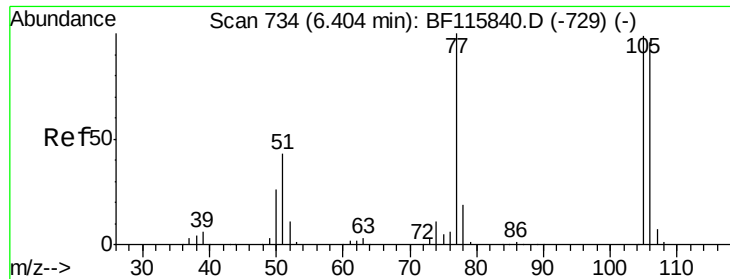
Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Tgt Ion:	128	Resp:	437567
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.9	52.9
64	47.2	26.1	66.1





#9

Benzaldehyde

Concen: 37.180 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 296877

Ion Ratio Lower Upper

77 100

105 100.0 79.0 119.0

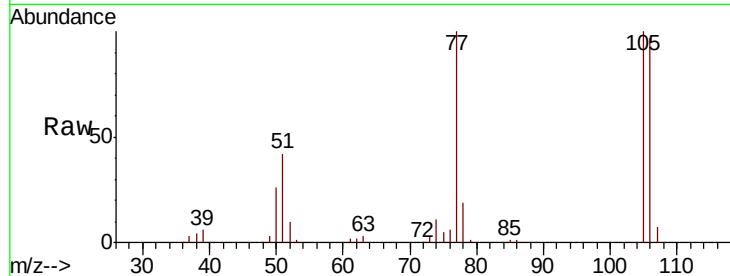
106 96.7 76.2 116.2

Manual Integrations

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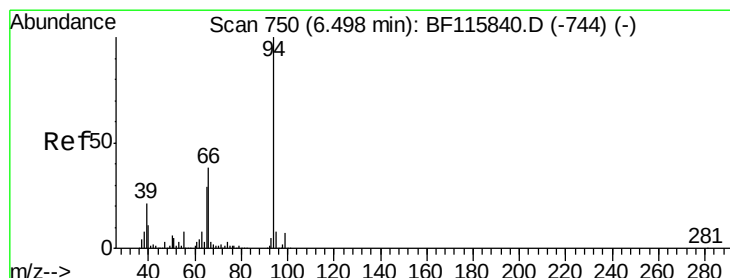
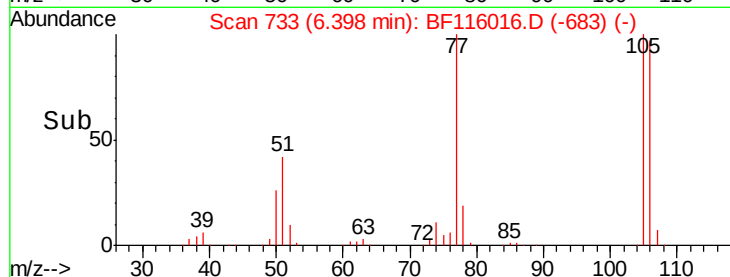
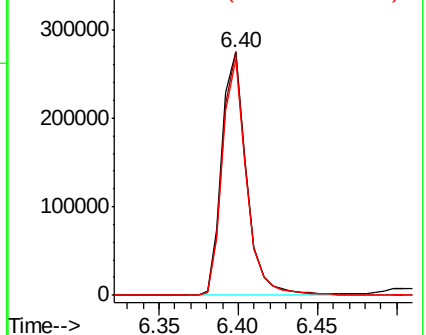
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.638 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

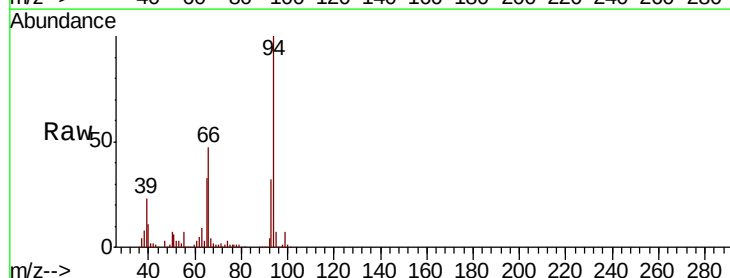
Tgt Ion: 94 Resp: 567442

Ion Ratio Lower Upper

94 100

65 33.1 8.9 48.9

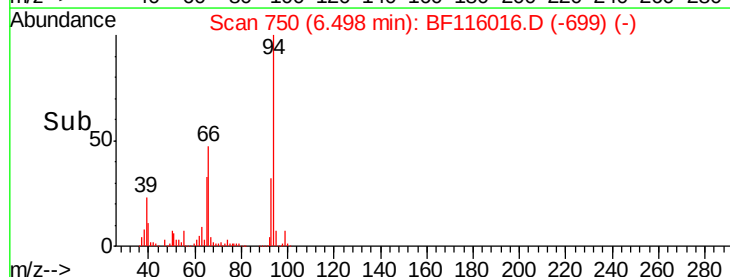
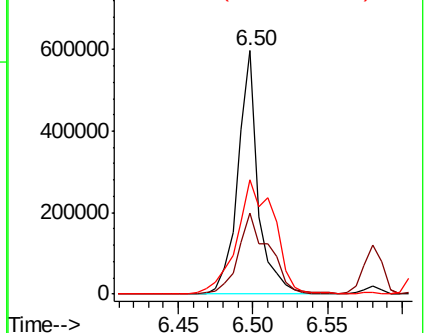
66 47.0 18.0 58.0

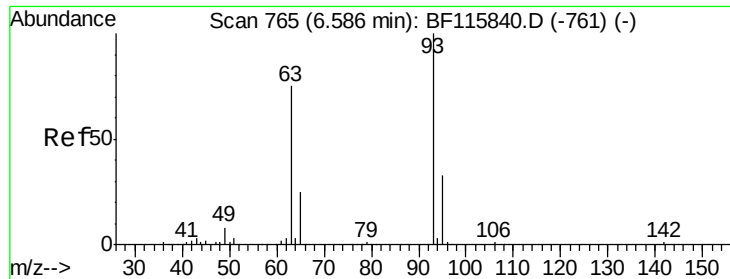


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





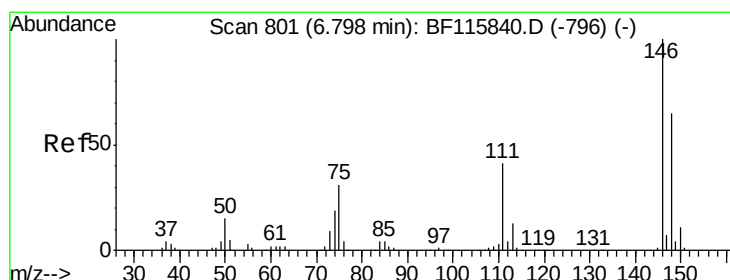
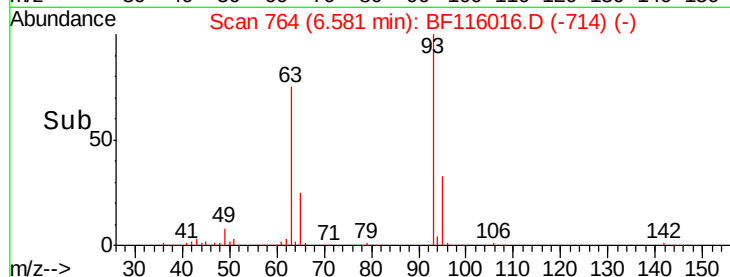
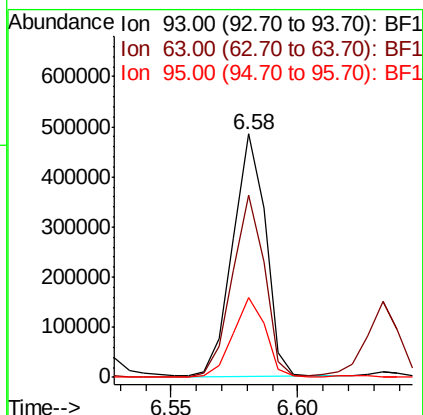
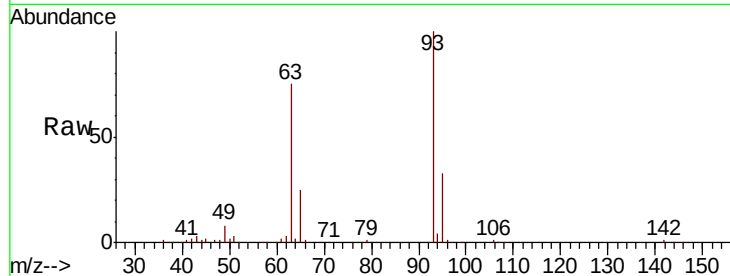
#11
bis(2-Chloroethyl)ether
Concen: 43.413 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.7	54.9	94.9
95	32.6	13.3	53.3

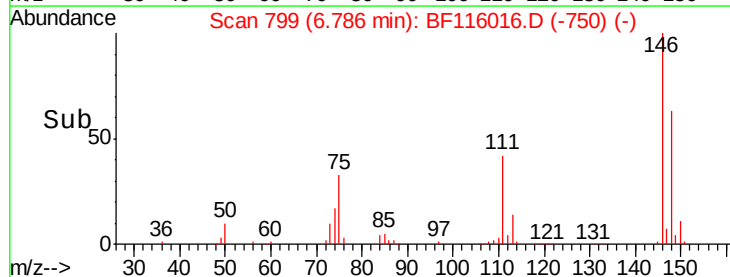
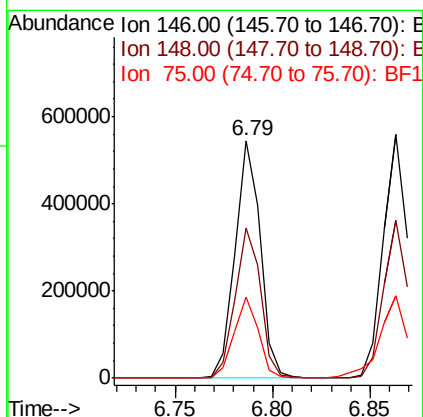
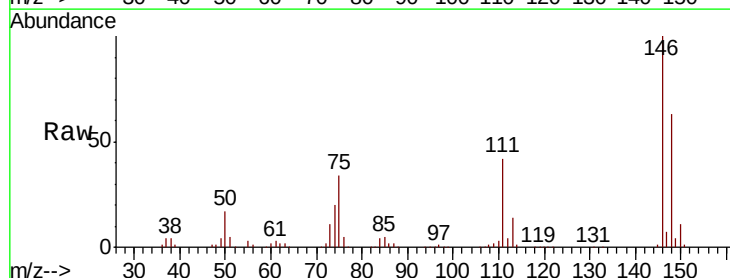
Manual Integrations
APPROVED

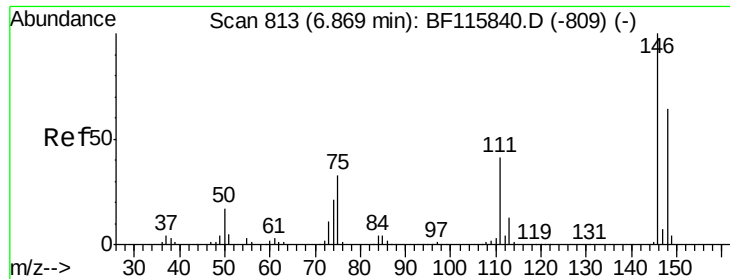
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.654 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.1	78.1
75	34.3	25.0	37.6





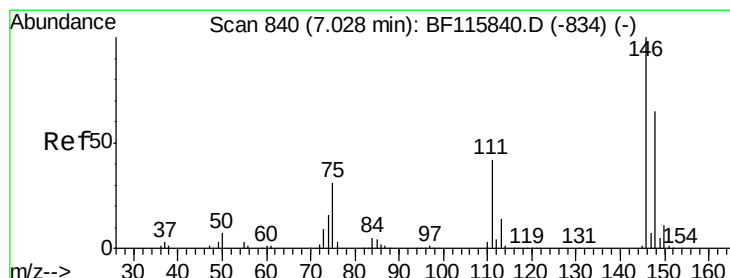
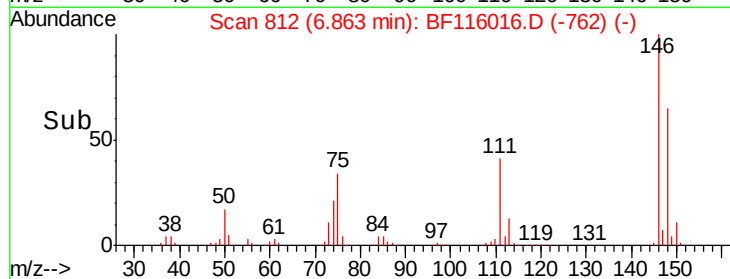
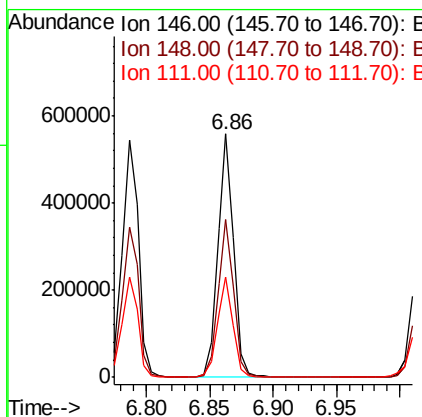
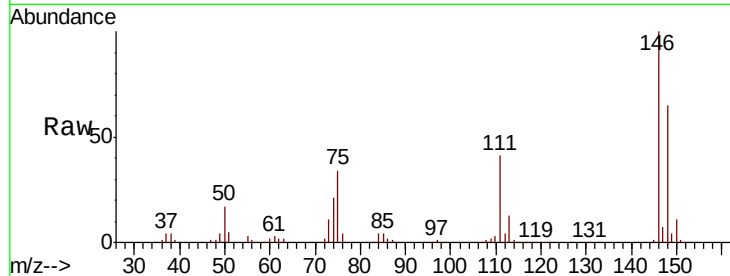
#13
 1,4-Dichlorobenzene
 Concen: 41.880 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF116016.D
 Acq: 6 Aug 2019 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.2	76.8
111	41.2	33.2	49.8

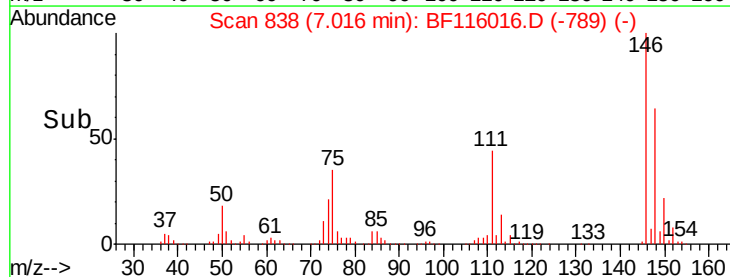
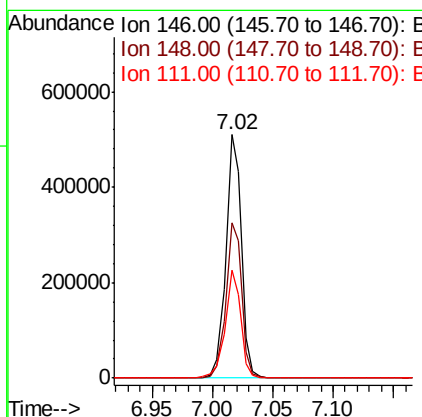
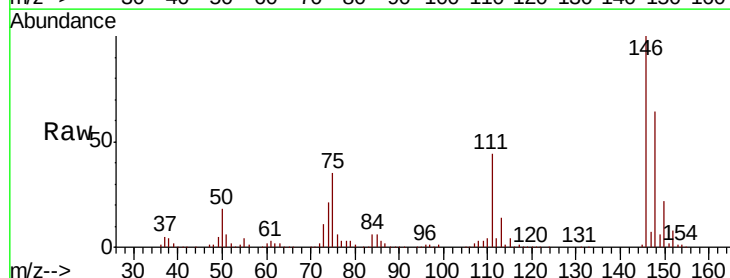
Manual Integrations
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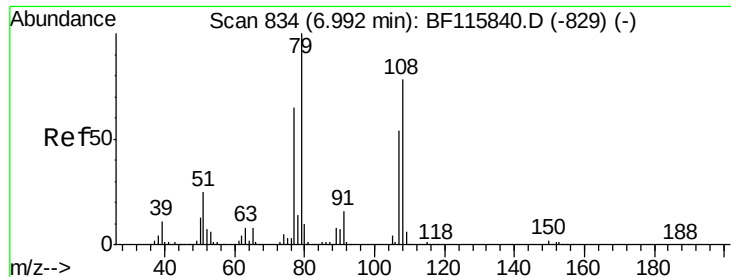
mohammad
 8/7/2019 4:42:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.937 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF116016.D
 Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
111	44.3	33.6	50.4





#15

Benzyl Alcohol

Concen: 42.798 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Instrument :

BNA_F

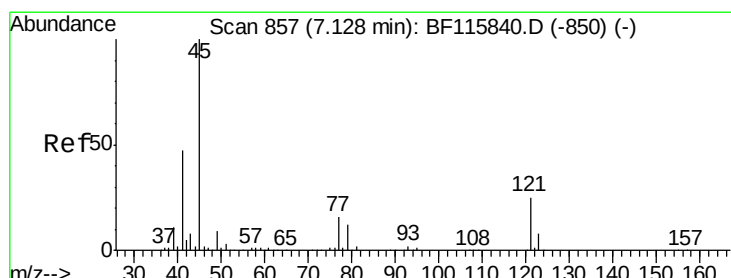
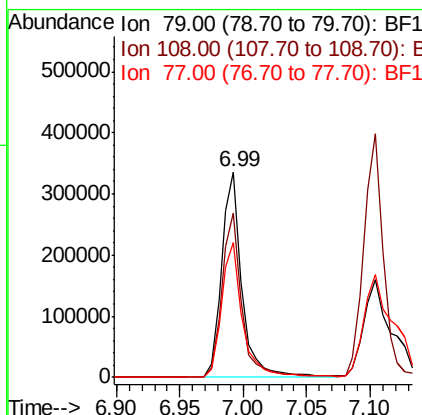
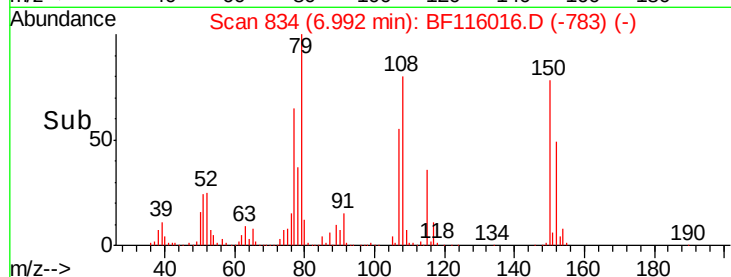
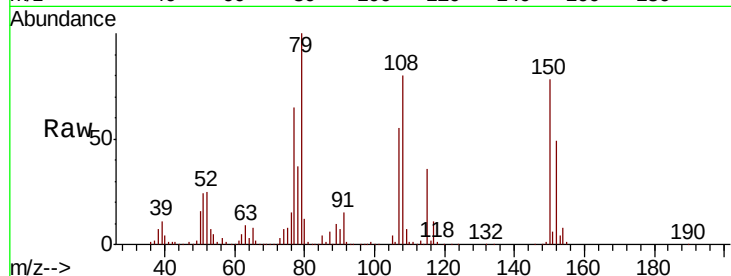
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	375868
Ion	Ratio	Lower	Upper
79	100		
108	80.3	62.8	94.2
77	65.4	52.0	78.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.842 ng

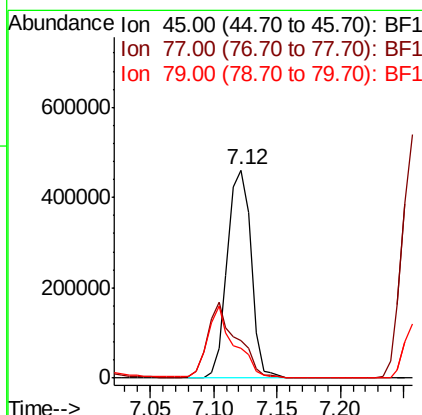
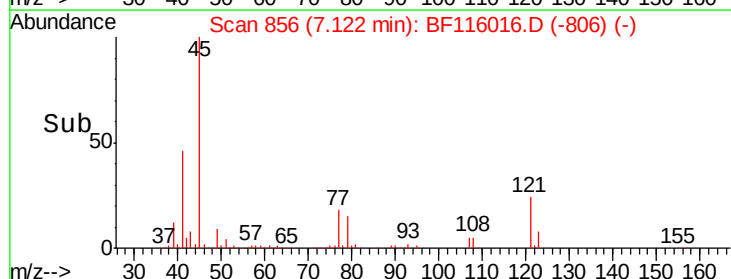
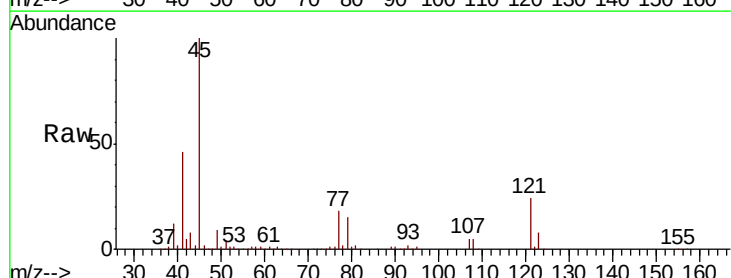
RT: 7.12 min Scan# 856

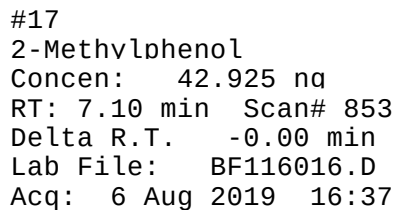
Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Tgt Ion:	45	Resp:	599167
Ion	Ratio	Lower	Upper
45	100		
77	18.3	0.0	36.3
79	14.7	0.0	32.5



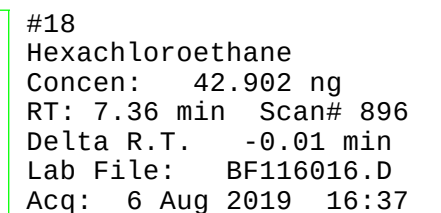
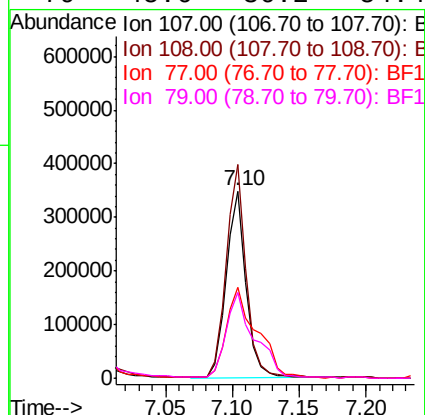


Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

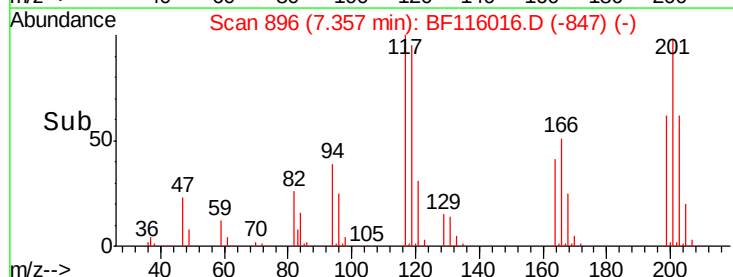
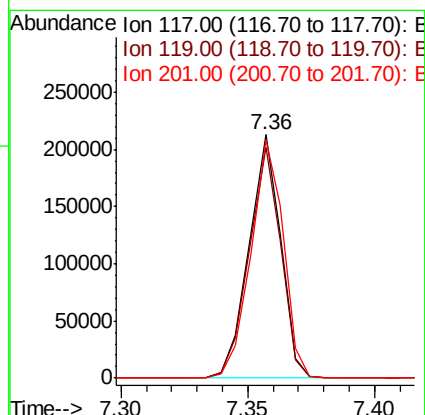
Manual Integrations

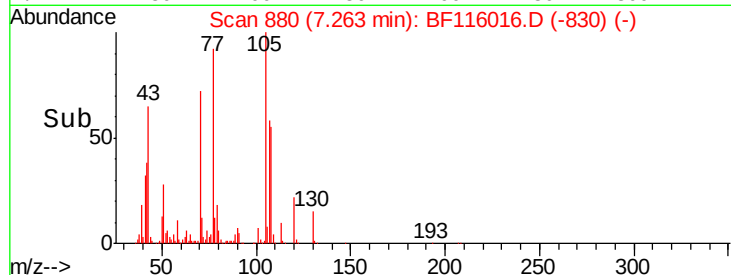
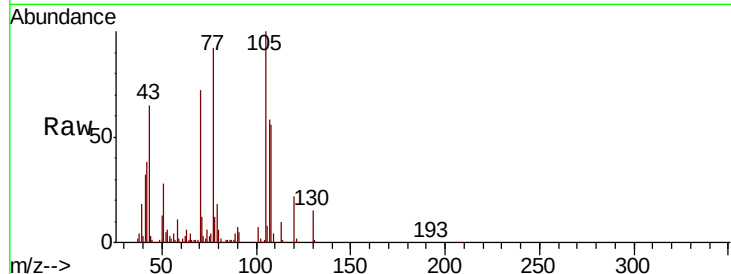
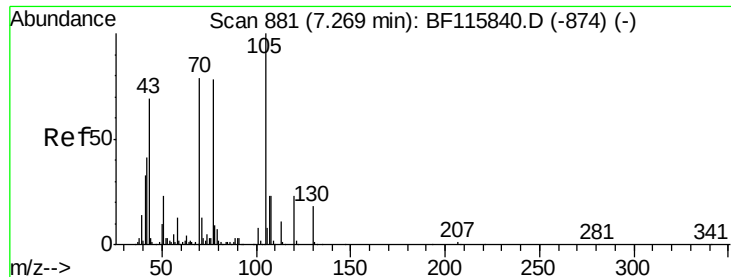
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Tat	Ion:107	Resp:	368653
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.4	137.0
77	48.3	37.6	56.4
79	45.6	36.2	54.4



Tgt	Ion:117	Resp:	185389
Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.8	113.6
201	98.1	82.0	123.0





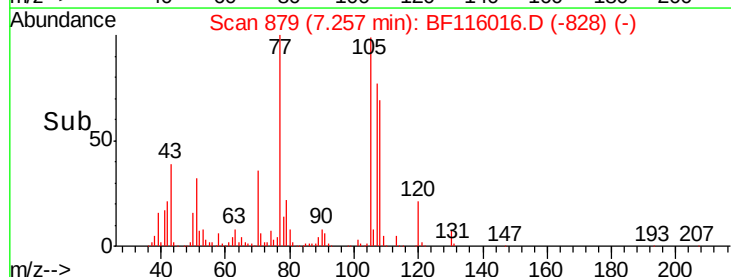
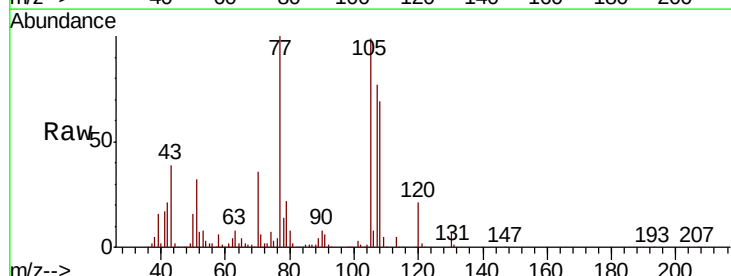
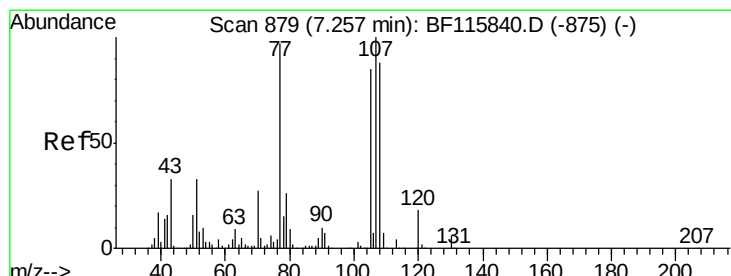
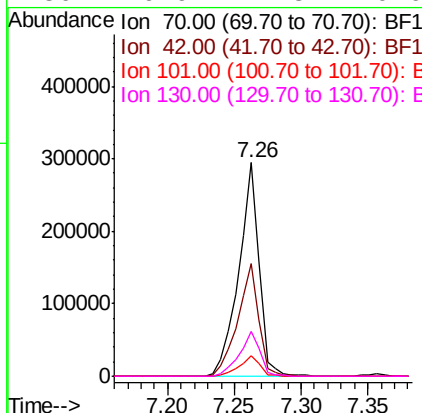
#19
n-Nitroso-di-n-propylamine
Concen: 43.816 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.0		41.8	62.8	
101	9.7		7.7	11.5	
130	20.9		17.8	26.6	

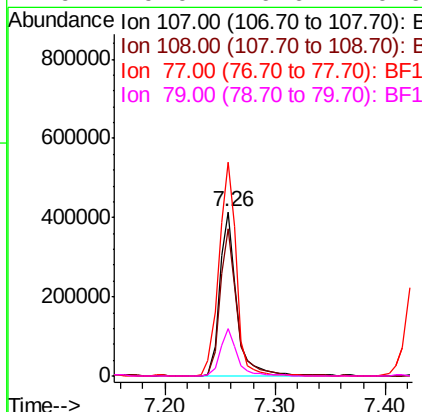
Manual Integrations
APPROVED

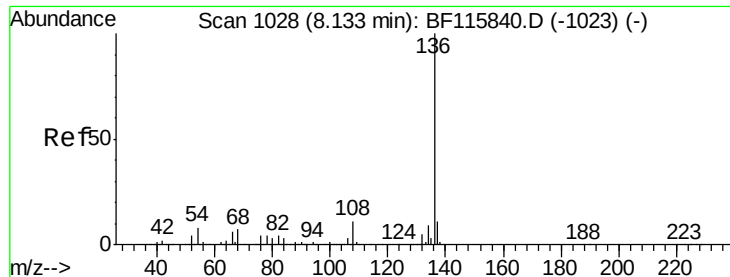
mohammad
8/7/2019 4:42:02 PM



#20
3+4-Methylphenols
Concen: 42.810 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.5		67.9	107.9	
77	130.2		77.3	117.3#	
79	29.0		6.6	46.6	





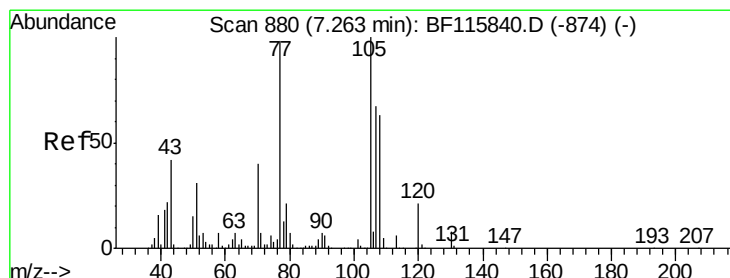
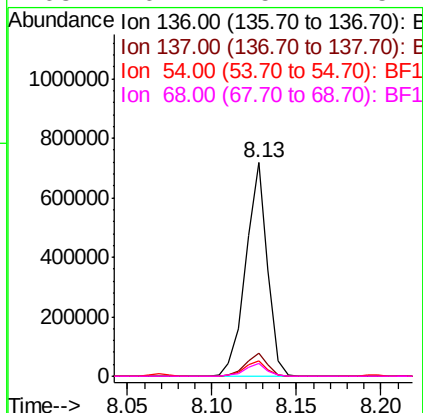
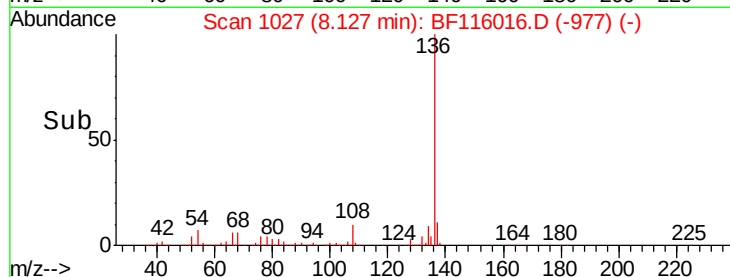
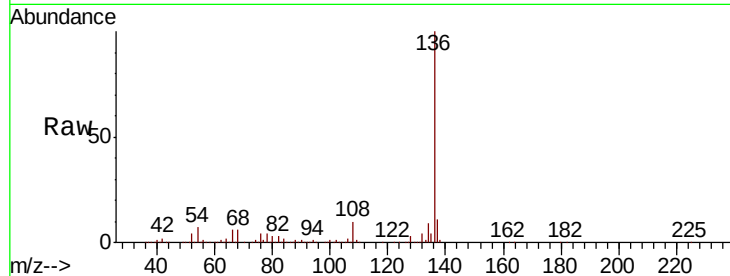
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	643010		
137	11.0		9.1	13.7
54	7.0		6.1	9.1
68	6.2		5.4	8.2

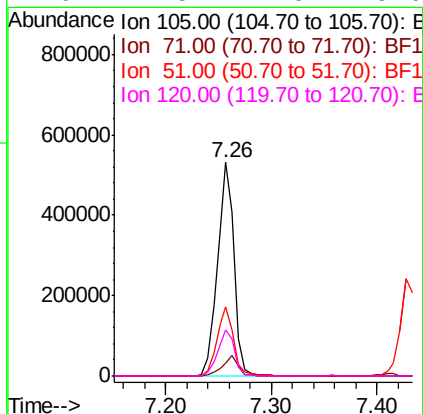
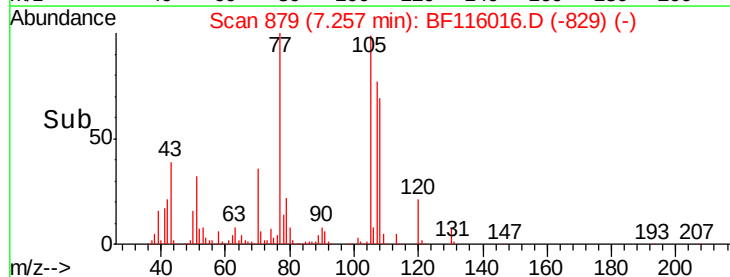
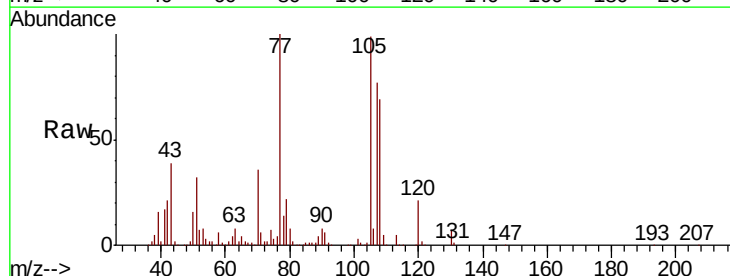
Manual Integrations
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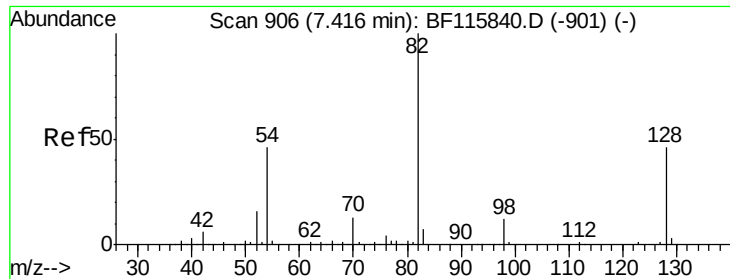
mohammad
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#22
Acetophenone
Concen: 41.663 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	587529		
71	6.2		5.4	8.0
51	32.3		24.6	36.8
120	21.5		17.0	25.6





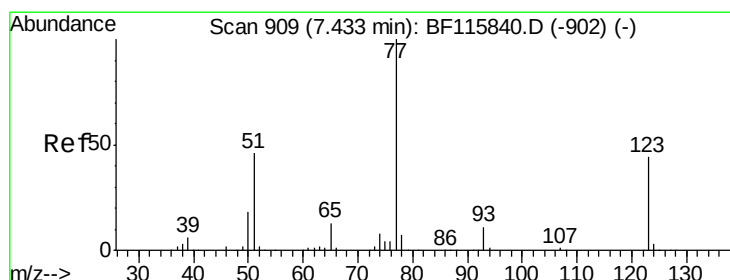
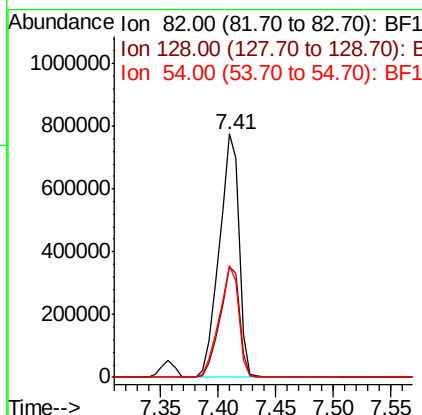
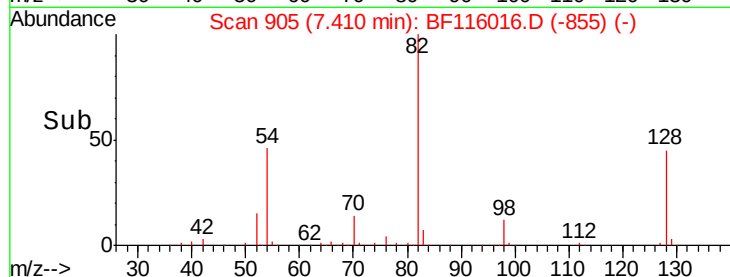
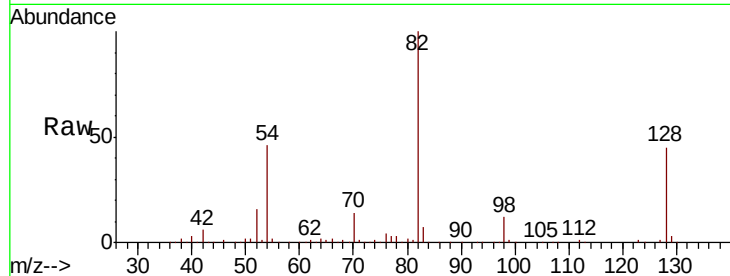
#23
Nitrobenzene-d5
Concen: 82.645 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.6	55.0
54	46.2	36.6	55.0

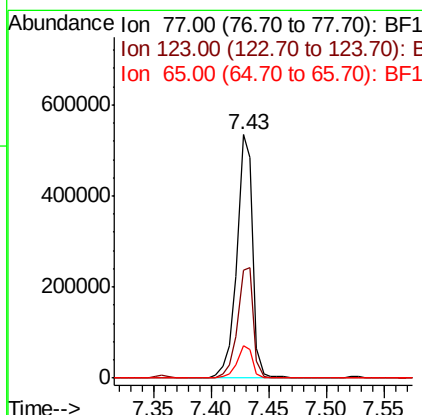
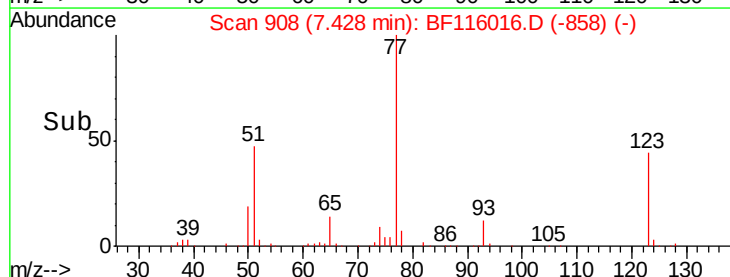
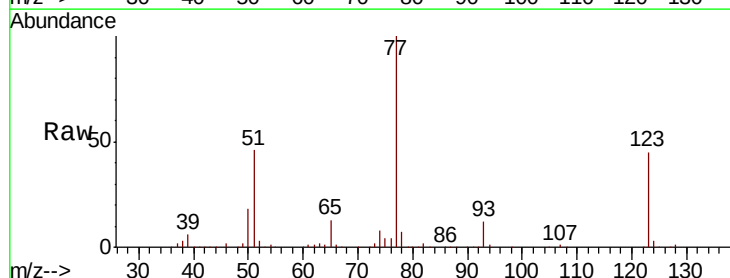
Manual Integrations
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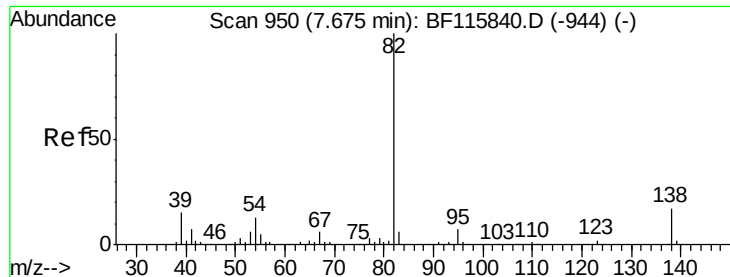
mohammad
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#24
Nitrobenzene
Concen: 42.016 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	35.5	53.3
65	13.5	10.6	15.8





#25

Isophorone

Concen: 43.147 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Instrument :

BNA_F

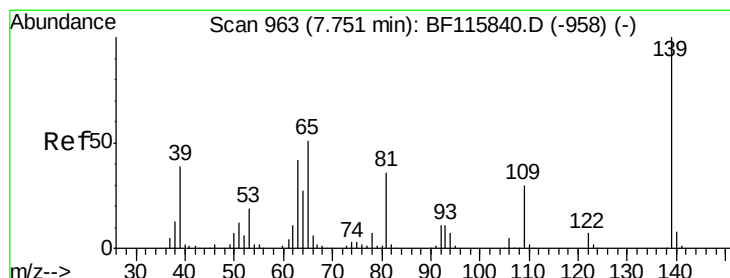
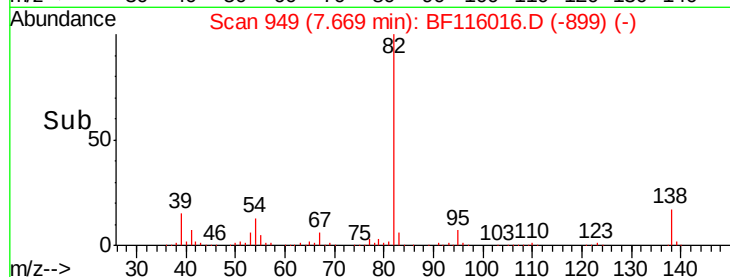
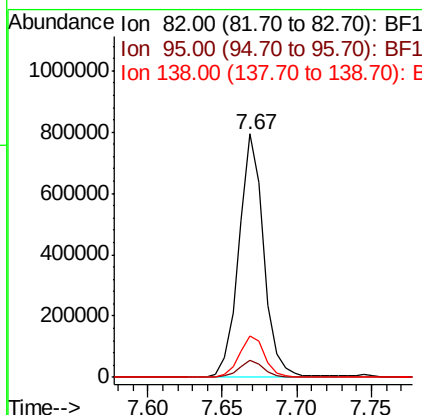
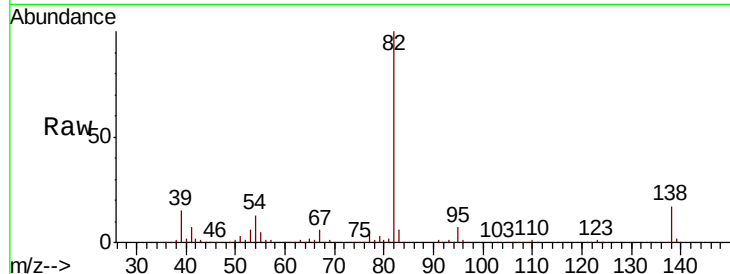
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	919063
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	17.0	13.9	20.9

Manual Integrations
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8/7/2019 4:42:02 PM



#26

2-Nitrophenol

Concen: 44.070 ng

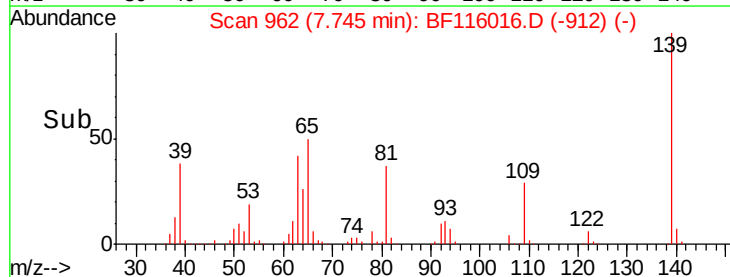
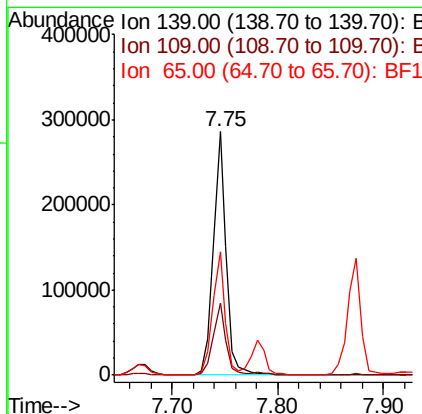
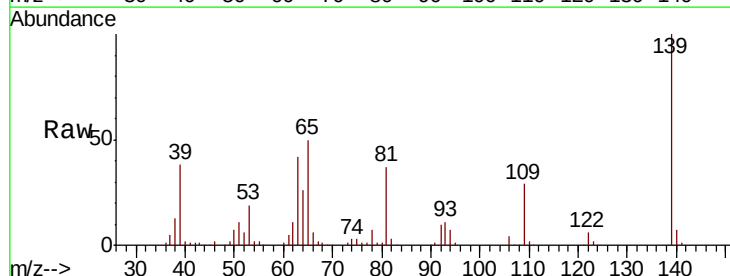
RT: 7.75 min Scan# 962

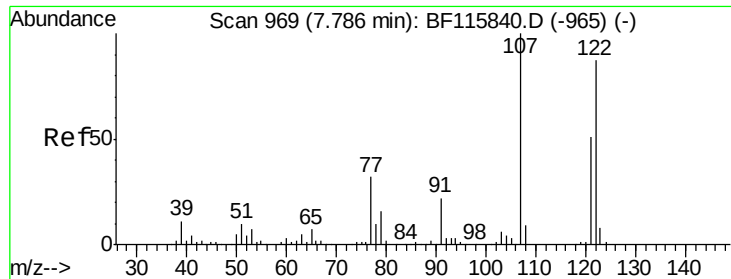
Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Tgt Ion:	139	Resp:	249868
Ion	Ratio	Lower	Upper
139	100		
109	29.4	23.6	35.4
65	50.5	40.6	60.8





#27

2,4-Dimethylphenol

Concen: 41.524 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Instrument :

BNA_F

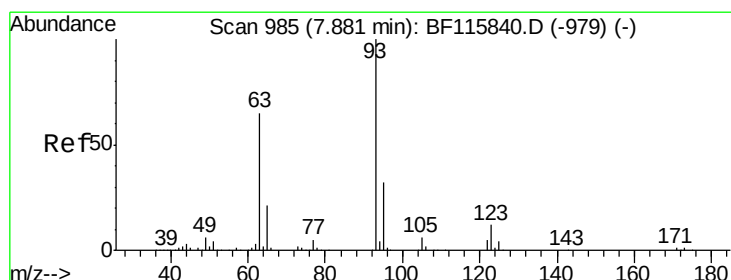
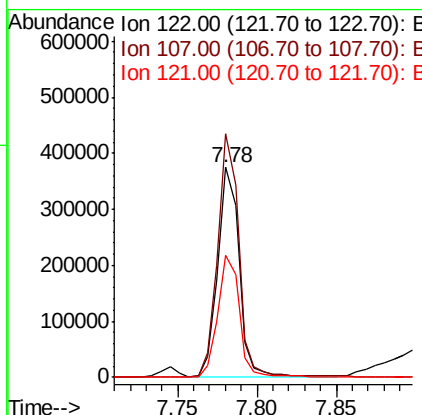
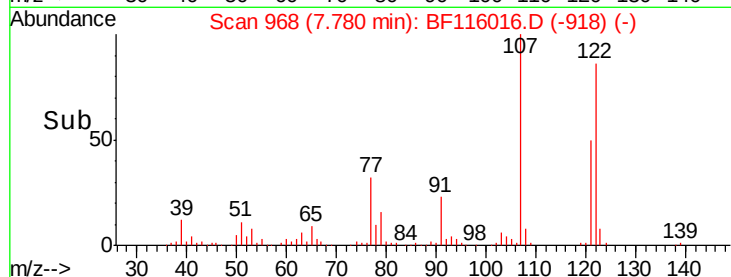
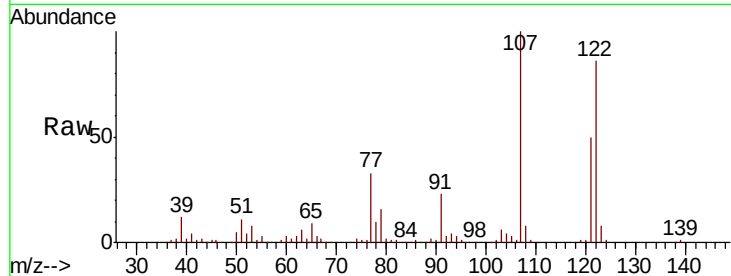
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	354206
Ion Ratio	Lower	Upper	
122	100		
107	115.9	91.7	137.5
121	58.3	46.6	70.0

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#28

bis(2-Chloroethoxy)methane

Concen: 43.349 ng

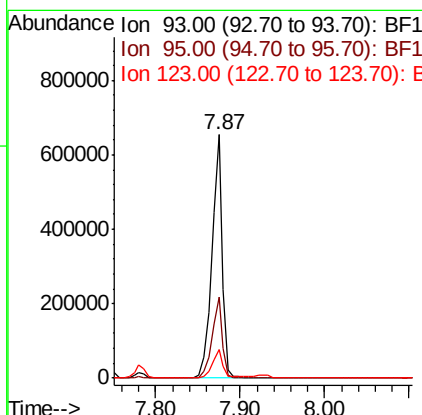
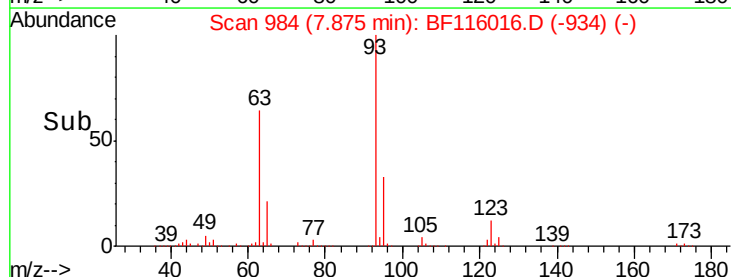
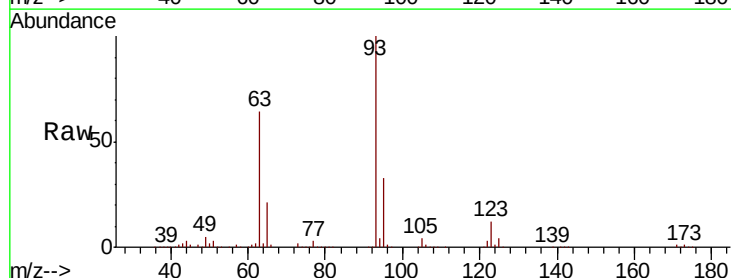
RT: 7.87 min Scan# 984

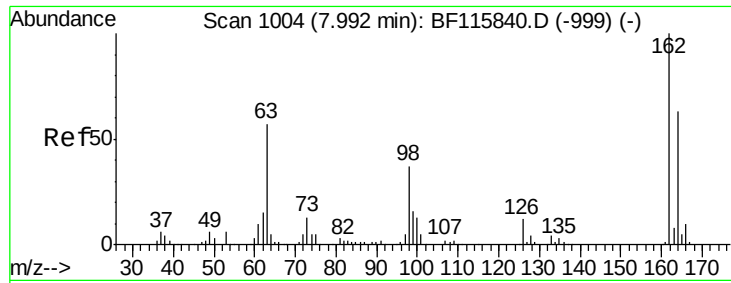
Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Tgt Ion:	93	Resp:	572309
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.0	39.0
123	11.9	9.5	14.3





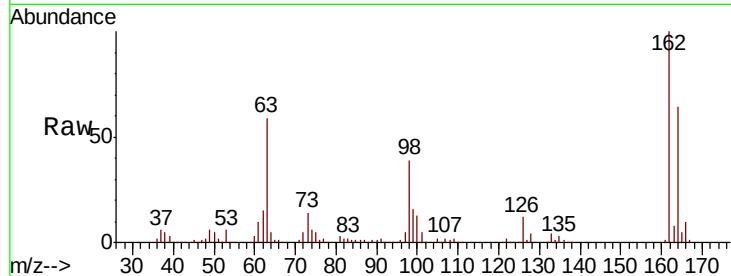
#29
2,4-Dichlorophenol
Concen: 43.125 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	388418		
164	63.6	43.2	83.2	
98	38.5	17.3	57.3	

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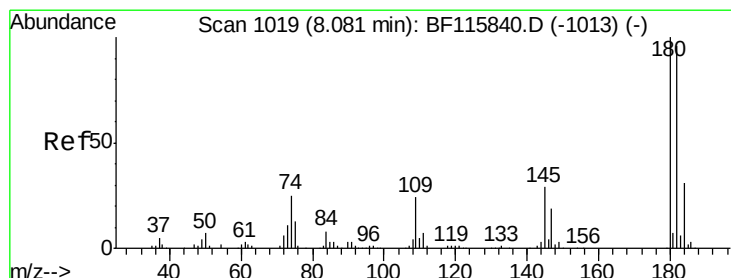
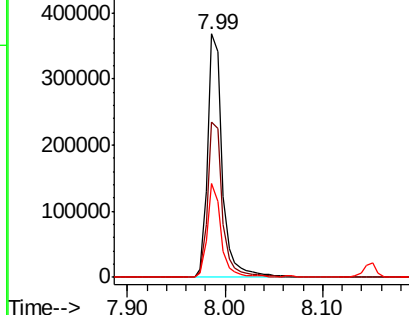
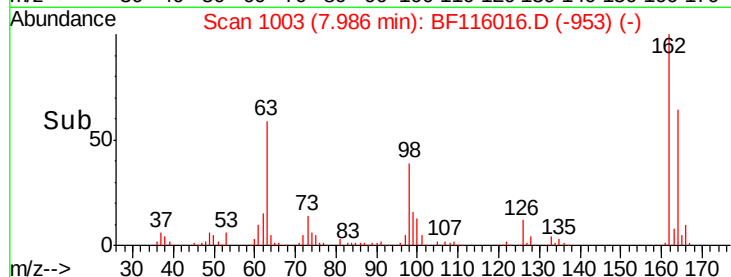


Abundance

Ion 162.00 (161.70 to 162.70): E

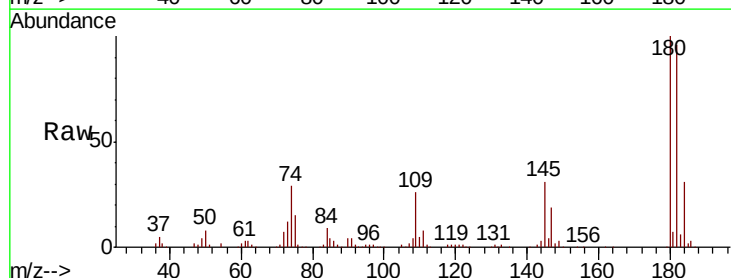
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.960 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	430801		
182	96.1	76.6	114.8	
145	30.6	23.2	34.8	

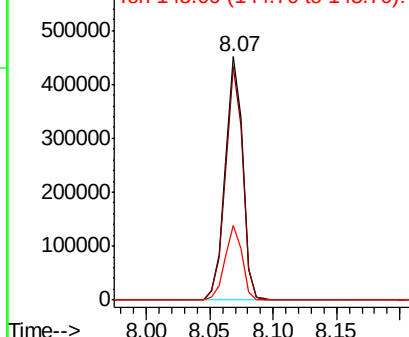
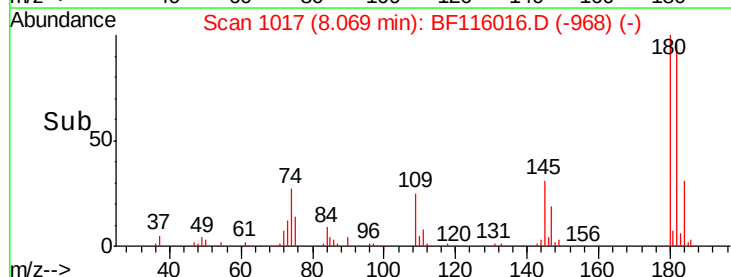


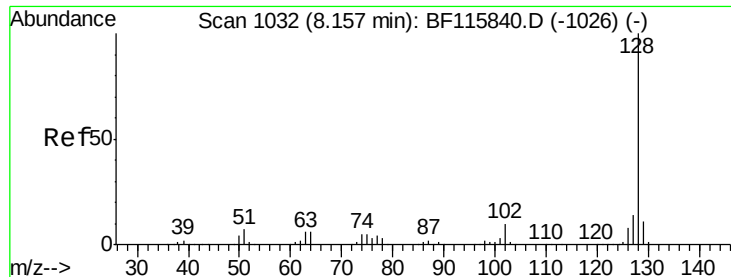
Abundance

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





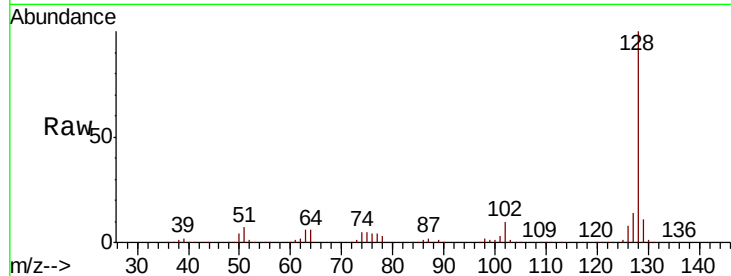
#31
Naphthalene
Concen: 42.338 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

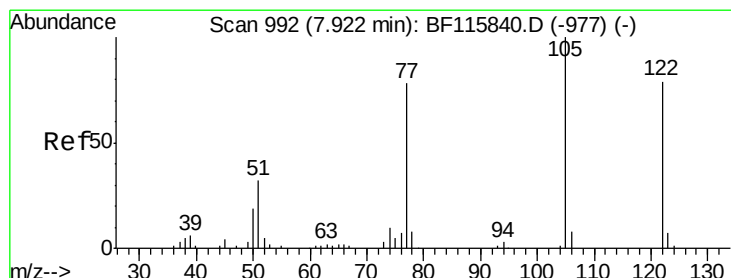
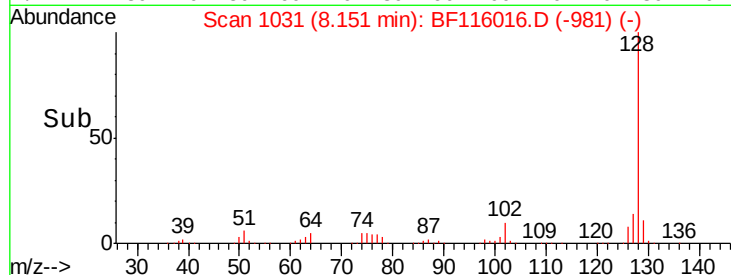
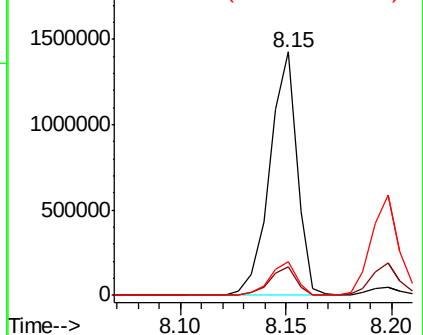
Tot Ion:128 Resp: 1281094
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.8 11.0 16.4

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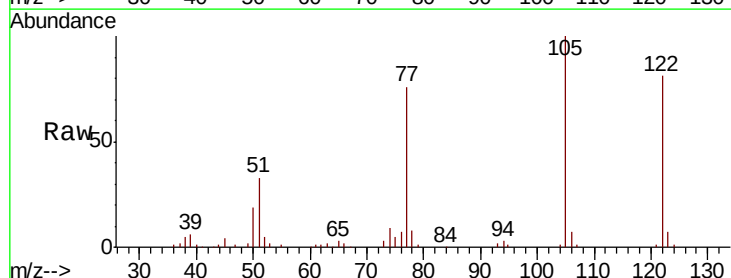


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

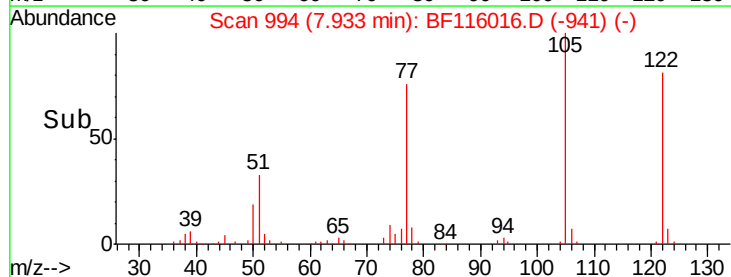
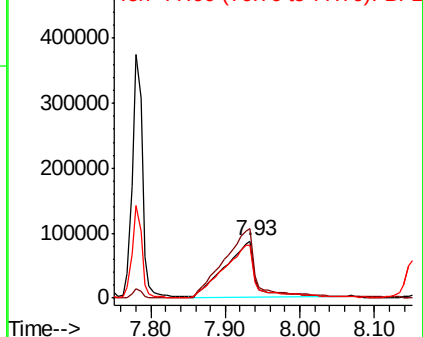


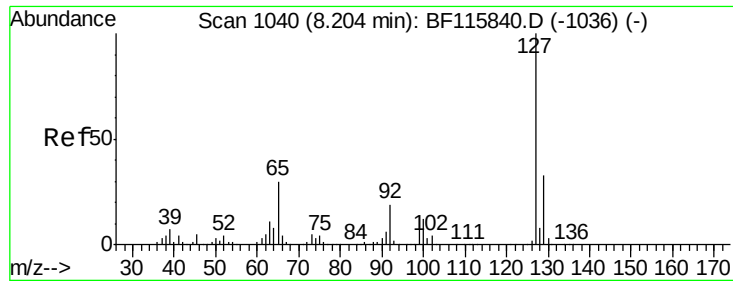
#32
Benzoic acid
Concen: 42.178 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion:122 Resp: 253658
Ion Ratio Lower Upper
122 100
105 123.2 103.1 143.1
77 94.0 76.8 116.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





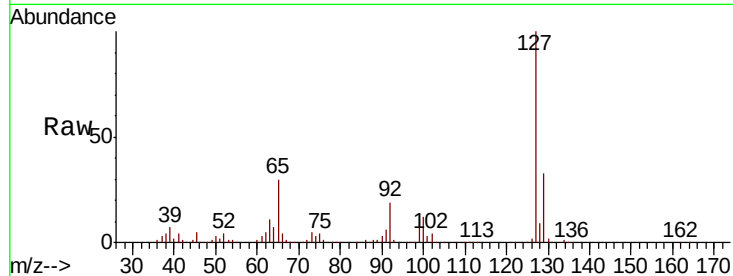
#33
 4-Chloroaniline
 Concen: 41.773 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF116016.D
 Acq: 6 Aug 2019 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

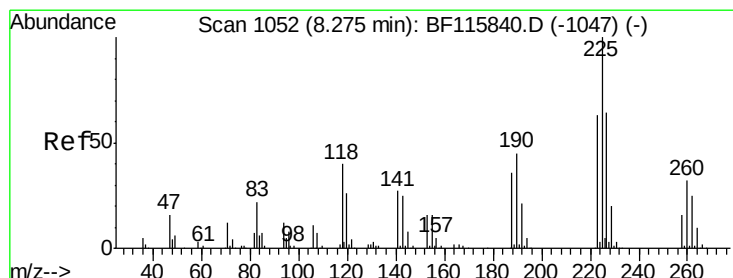
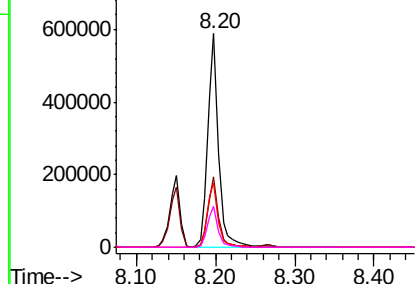
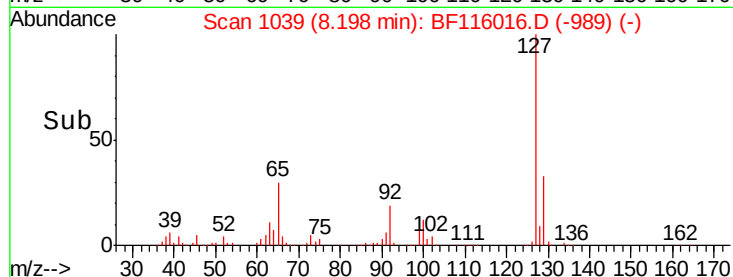
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		564766		
129	32.9	26.0	39.0		
65	30.0	23.9	35.9		
92	19.0	14.9	22.3		

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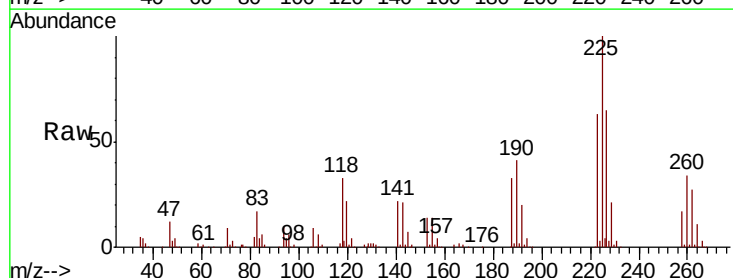


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

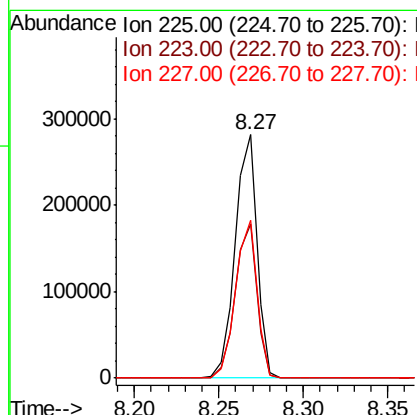
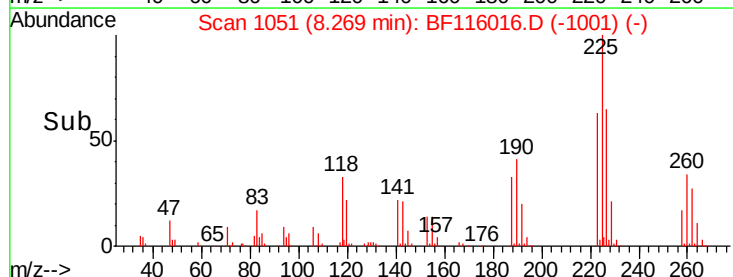


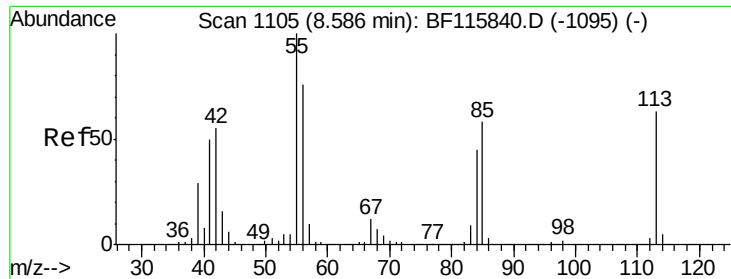
#34
 Hexachlorobutadiene
 Concen: 42.417 ng
 RT: 8.27 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF116016.D
 Acq: 6 Aug 2019 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		250841		
223	63.1	50.4	75.6		
227	64.6	51.6	77.4		



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





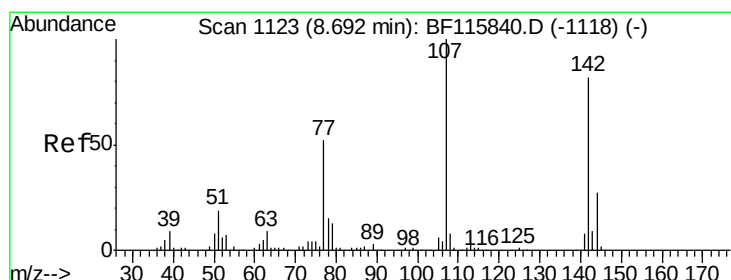
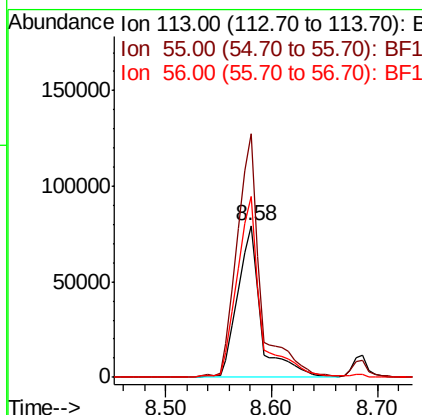
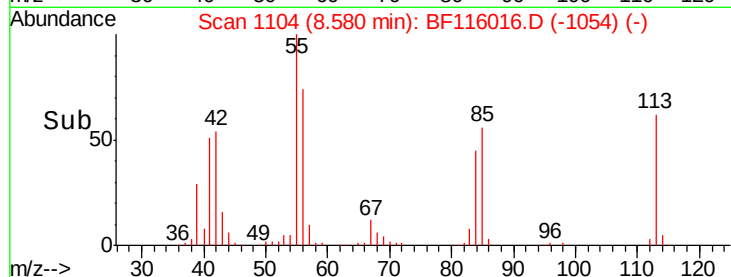
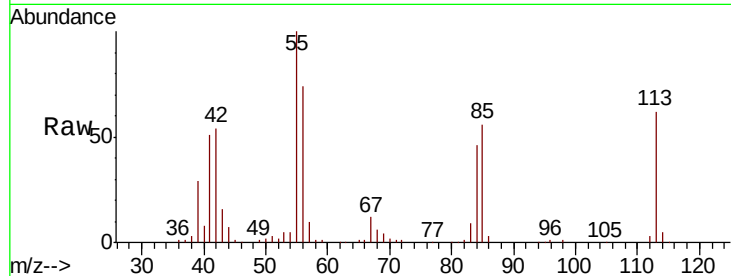
#35
Caprolactam
Concen: 41.659 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.4	138.1	178.1
56	119.1	100.6	140.6

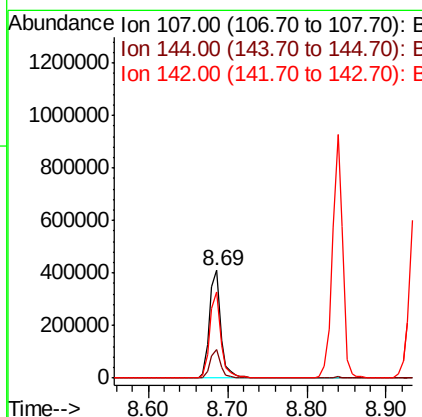
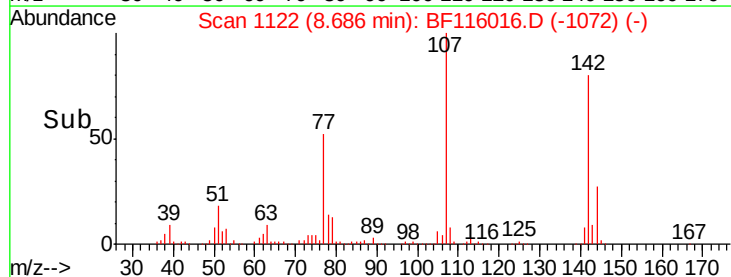
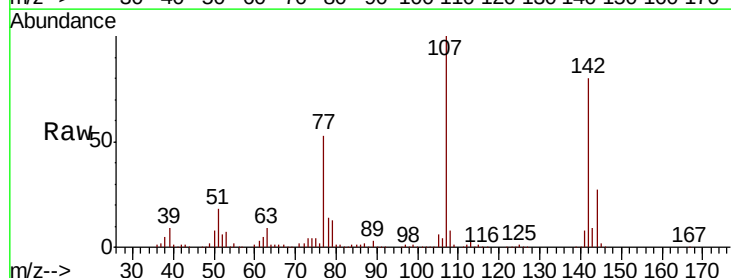
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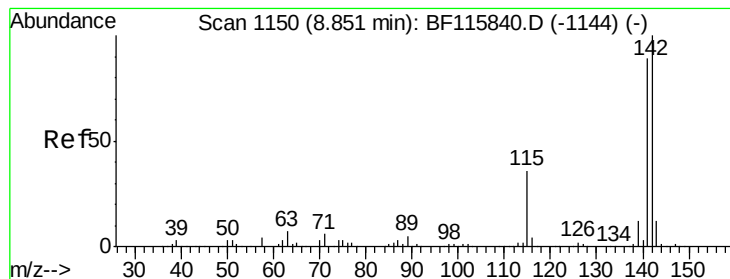
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#36
4-Chloro-3-methylphenol
Concen: 43.611 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.4	32.0
142	80.5	65.5	98.3





#37

2-Methylnaphthalene

Concen: 42.810 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Instrument :

BNA_F

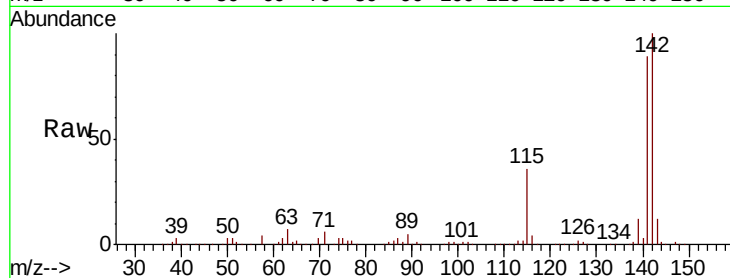
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	35.6	28.9	43.3

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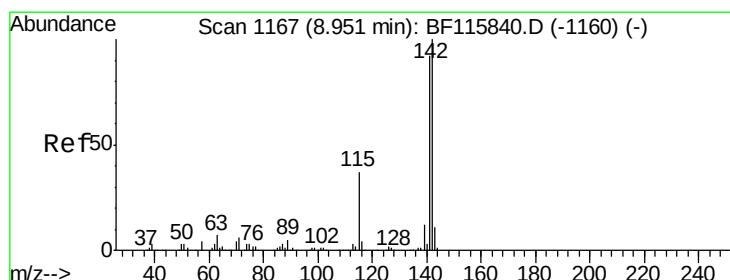
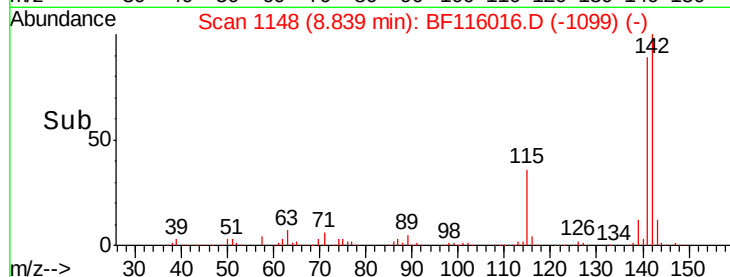
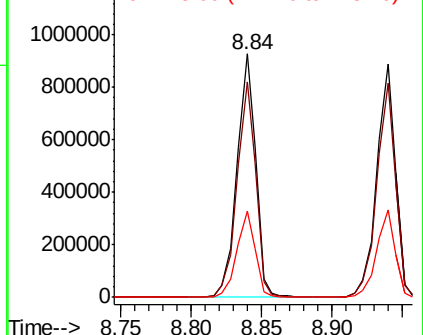


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.294 ng

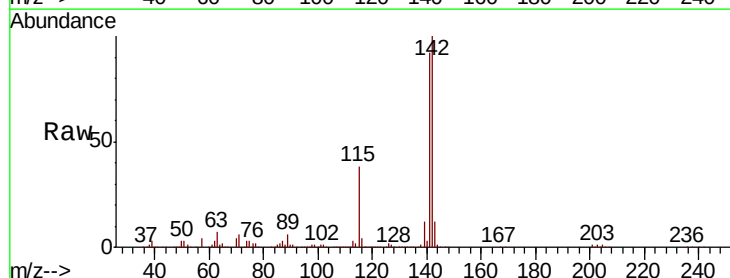
RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.8	110.6
116	3.8	3.1	4.7

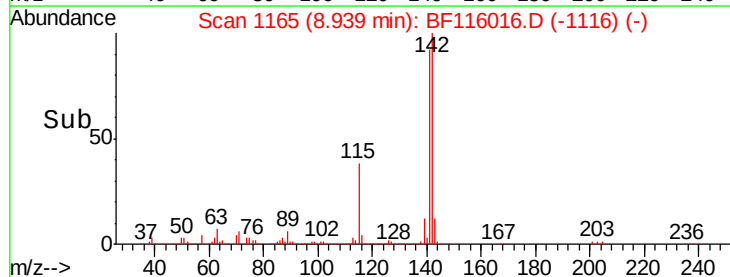
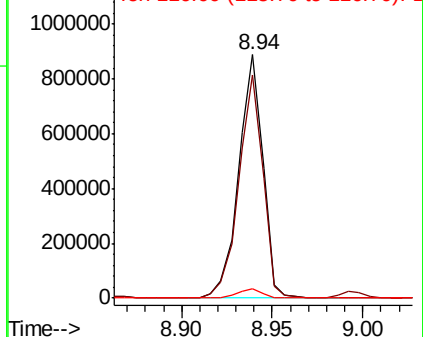


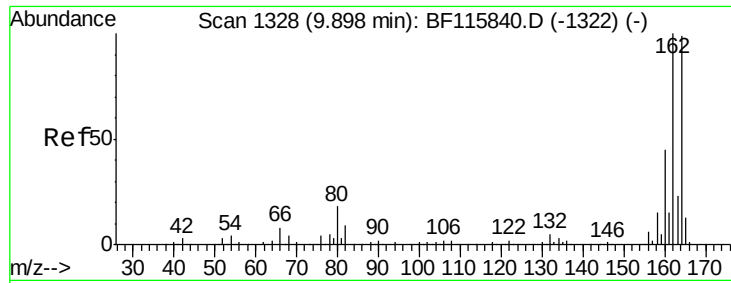
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





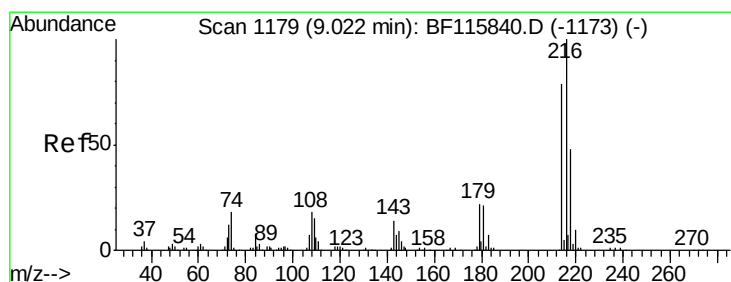
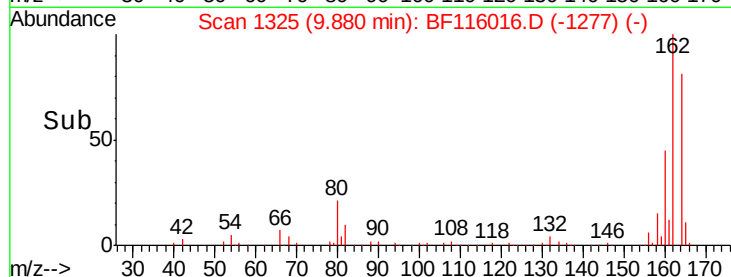
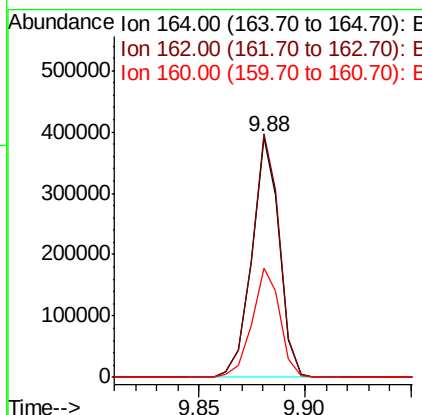
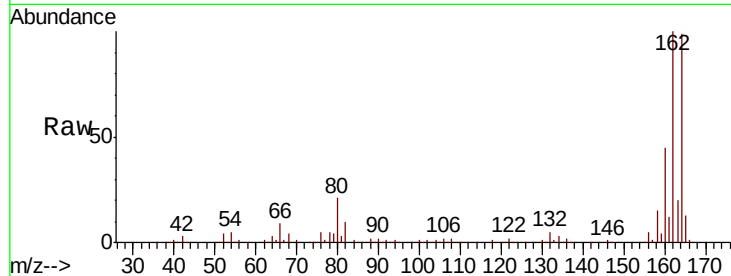
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	80.8	121.2	
160	45.6	36.2	54.4	

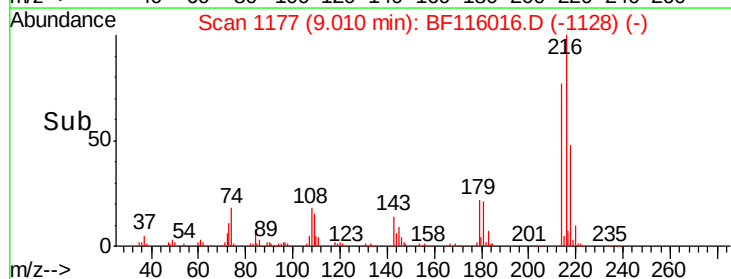
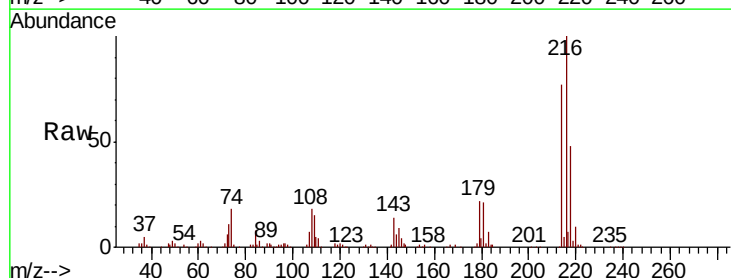
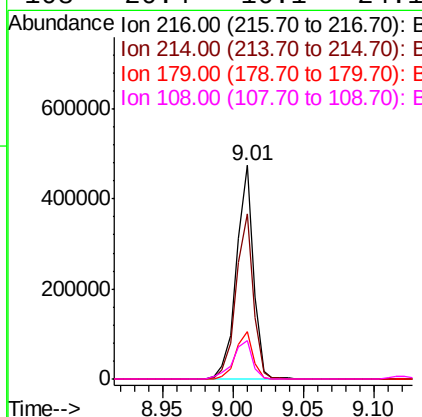
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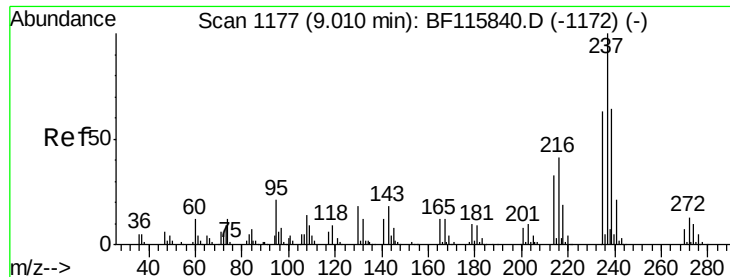
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.288 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	62.8	94.2	
179	22.1	17.6	26.4	
108	20.4	16.1	24.1	





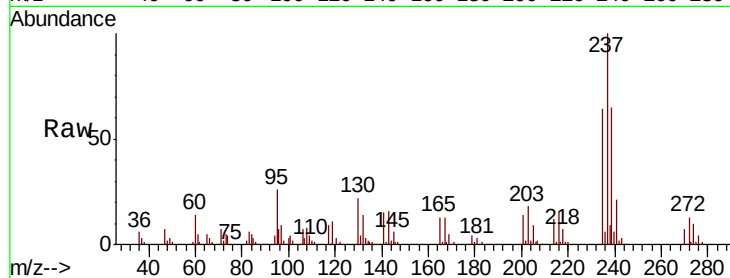
#41
Hexachlorocyclopentadiene
Concen: 40.493 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

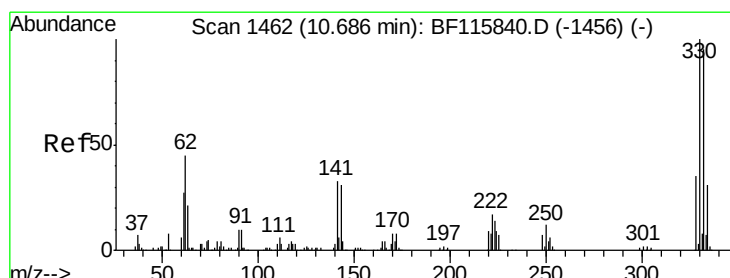
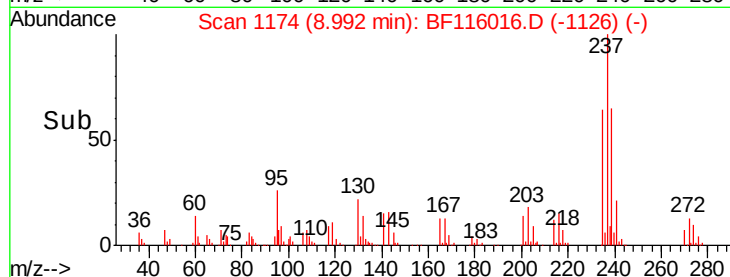
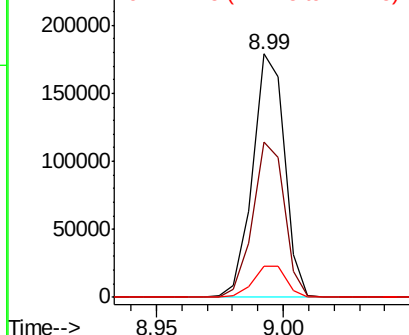
Tot Ion	Ratio	Resp	Lower	Upper
237	100	157719		
235	63.8	42.5	82.5	
272	13.0	0.0	33.3	

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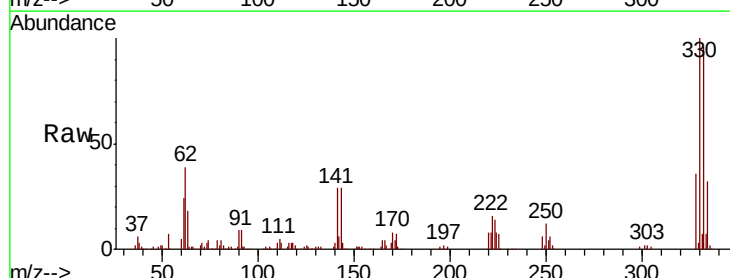


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

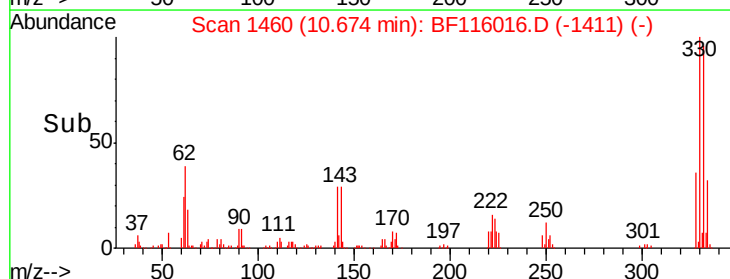
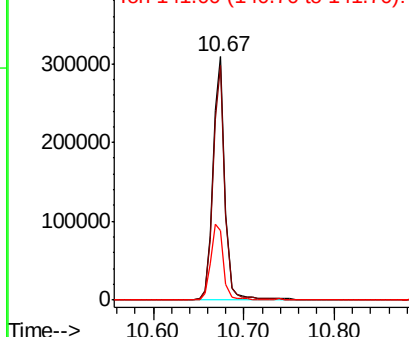


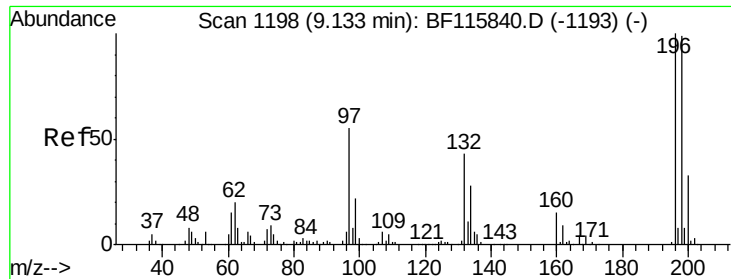
#42
2,4,6-Tribromophenol
Concen: 83.746 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	285796		
332	95.7	77.7	116.5	
141	33.9	28.1	42.1	



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





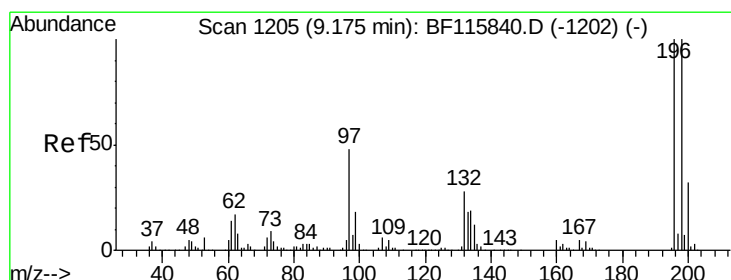
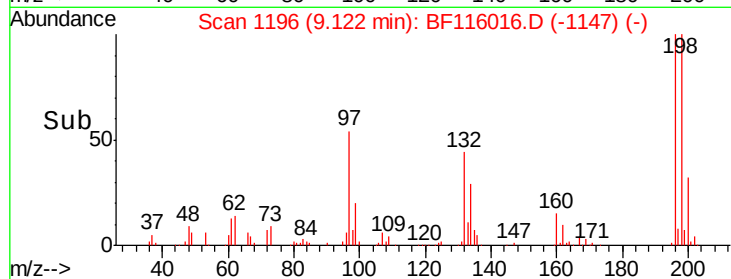
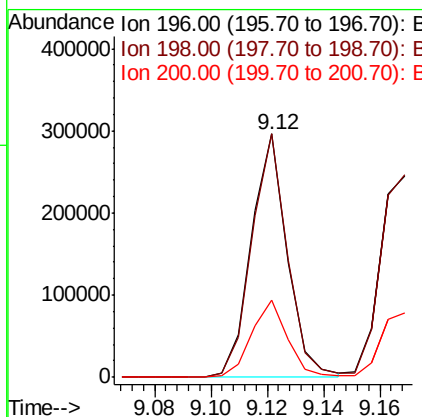
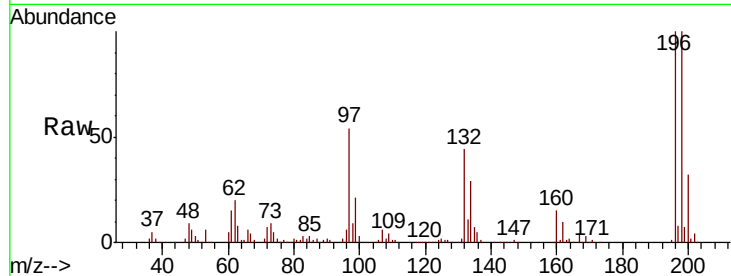
#43
 2,4,6-Trichlorophenol
 Concen: 40.368 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF116016.D
 Acq: 6 Aug 2019 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	261469
Ion Ratio	Lower	Upper	
196	100		
198	99.9	79.1	118.7
200	31.8	26.0	39.0

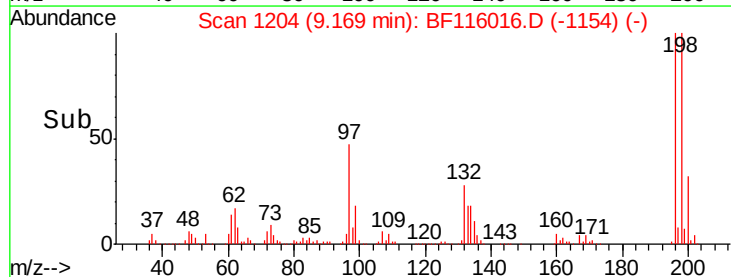
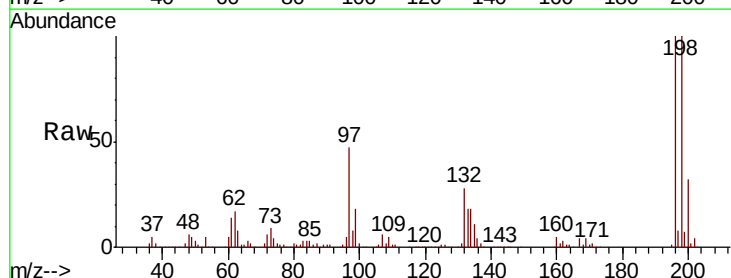
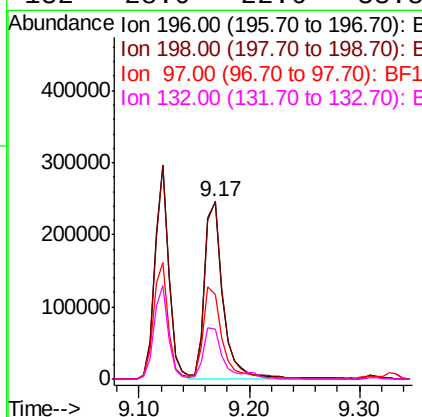
Manual Integrations
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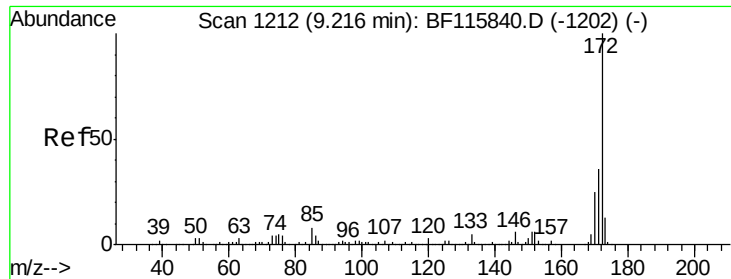
mohammad
 8/7/2019 4:42:02 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.929 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF116016.D
 Acq: 6 Aug 2019 16:37

Tgt Ion:	196	Resp:	274038
Ion Ratio	Lower	Upper	
196	100		
198	100.3	80.1	120.1
97	47.4	38.9	58.3
132	28.0	22.6	33.8





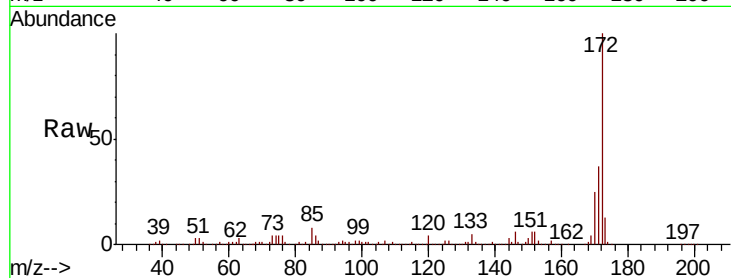
#45
2-Fluorobiphenyl
Concen: 82.047 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.8	29.1	43.7	
170	25.1	20.1	30.1	

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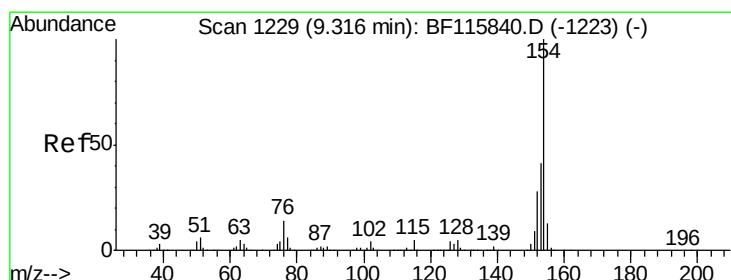
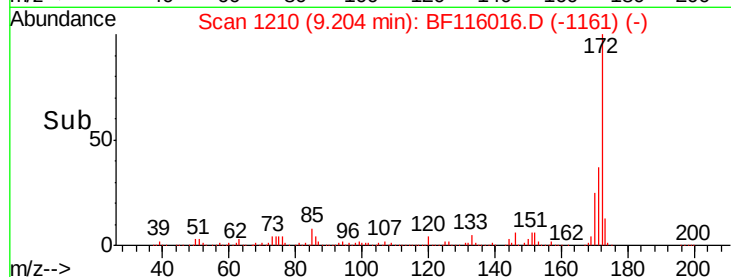
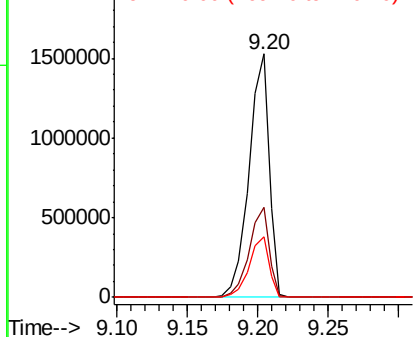


Abundance

Ion 172.00 (171.70 to 172.70): E

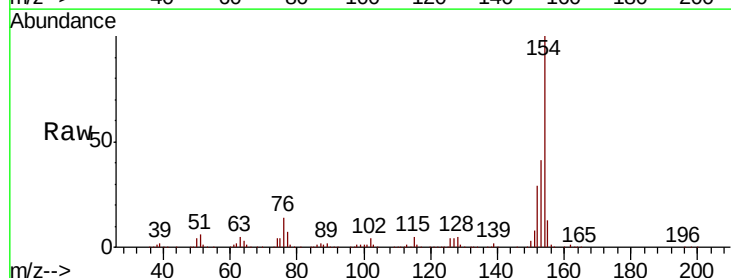
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.474 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.1	20.9	60.9	
76	14.2	0.0	34.3	

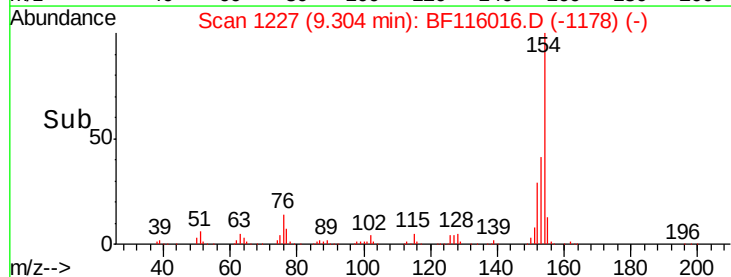
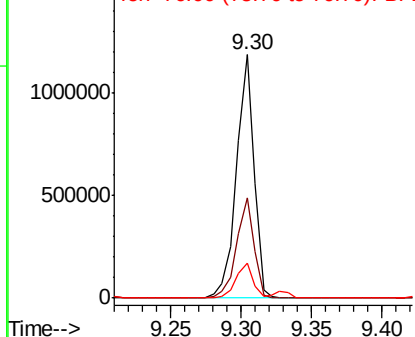


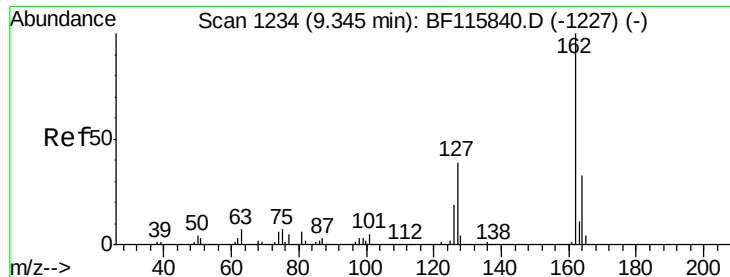
Abundance

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





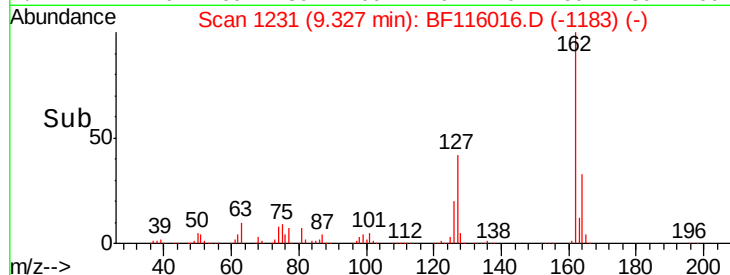
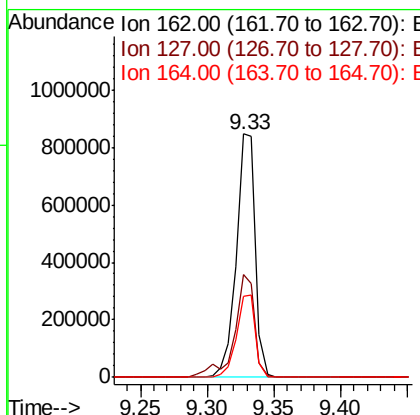
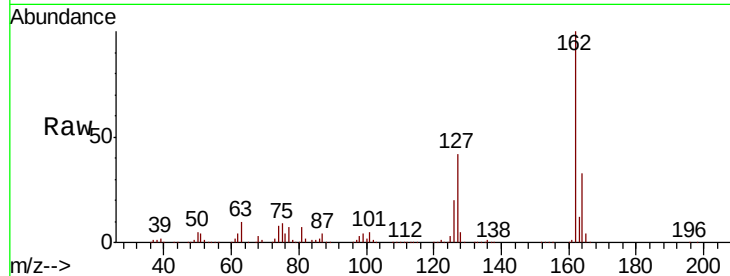
#47
 2-Chloronaphthalene
 Concen: 40.879 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF116016.D
 Acq: 6 Aug 2019 16:37

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	42.0	31.3	46.9		
164	33.2	26.6	40.0		

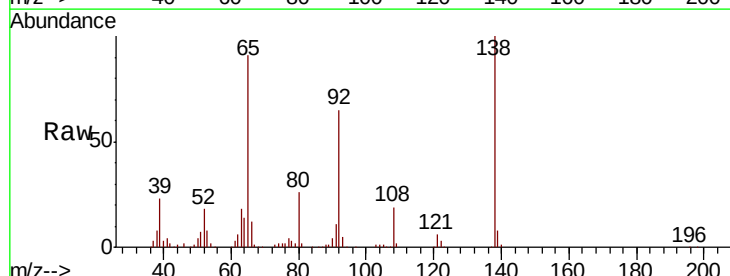
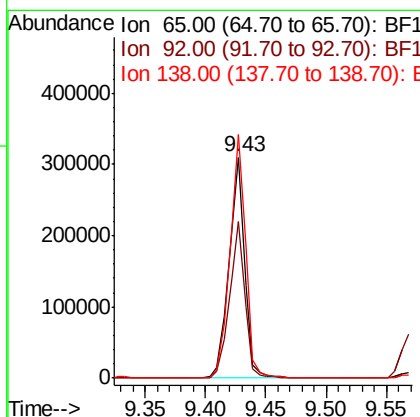
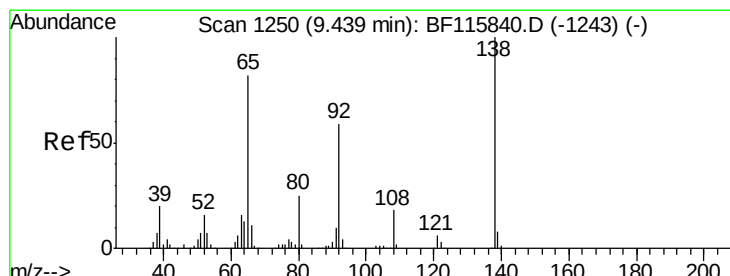
Manual Integrations
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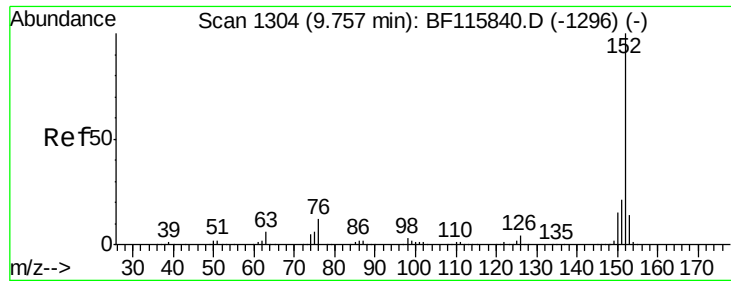
mohammad
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#48
 2-Nitroaniline
 Concen: 40.773 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF116016.D
 Acq: 6 Aug 2019 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	71.1	57.1	85.7		
138	110.2	97.1	145.7		





#49

Acenaphthylene

Concen: 41.805 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1261452

Ion Ratio Lower Upper

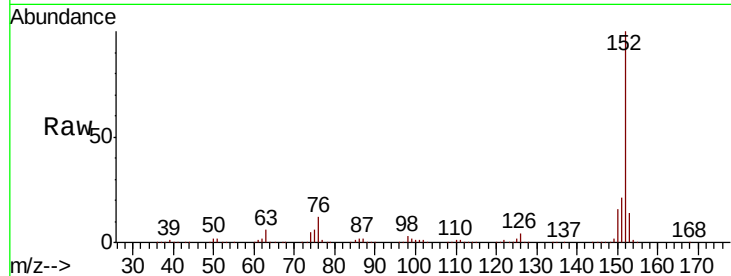
152 100

151 21.3 16.8 25.2

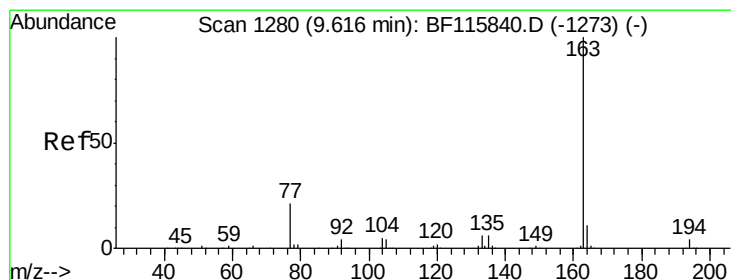
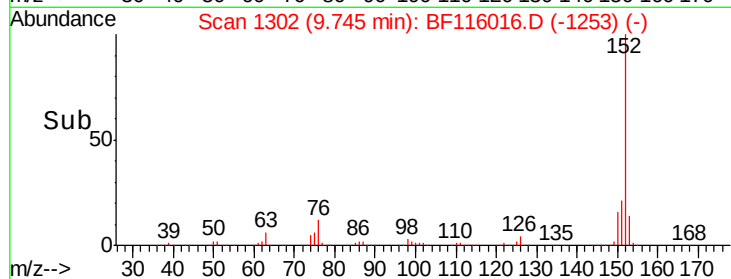
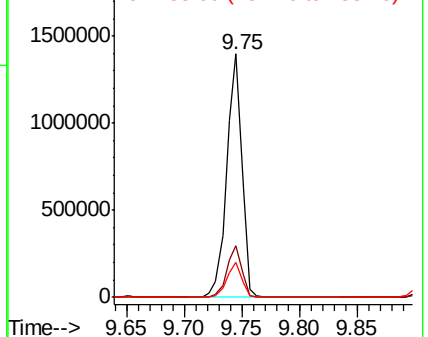
153 14.1 11.6 17.4

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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: 42.493 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

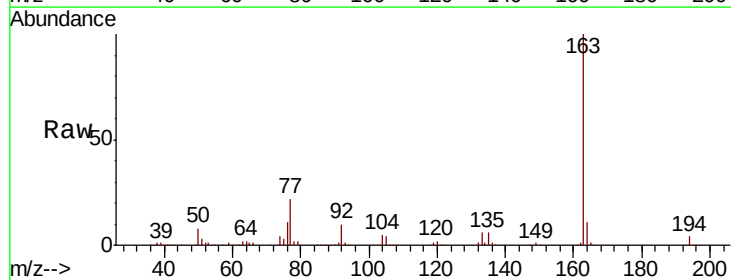
Tgt Ion:163 Resp: 1018404

Ion Ratio Lower Upper

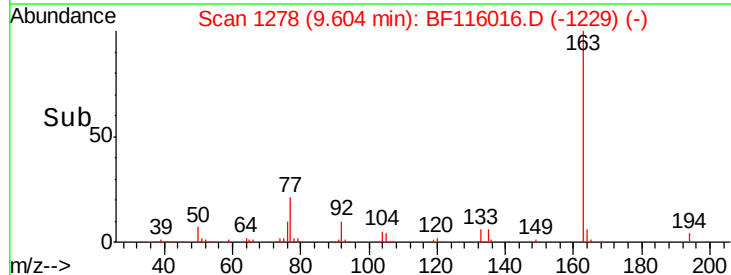
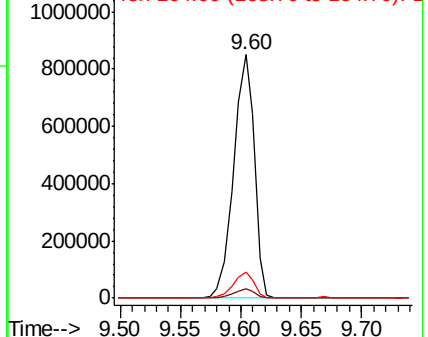
163 100

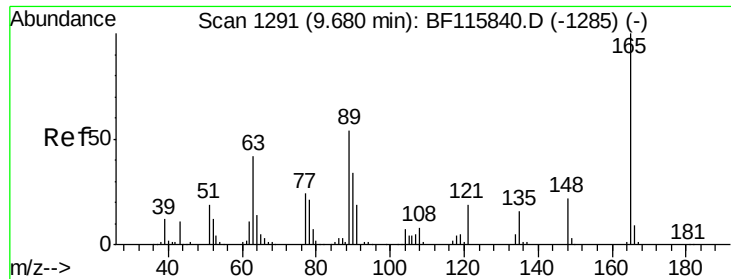
194 3.8 3.0 4.6

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: 42.174 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Instrument :

BNA_F

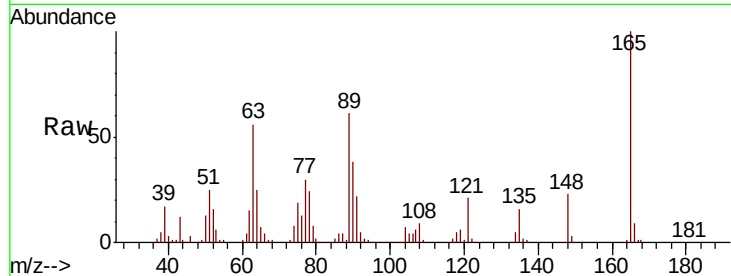
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	219655
Ion Ratio	Lower	Upper	
165	100		
63	55.8	39.4	59.2
89	60.8	43.0	64.6

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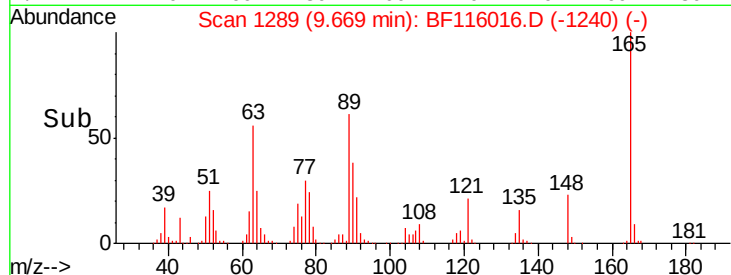


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



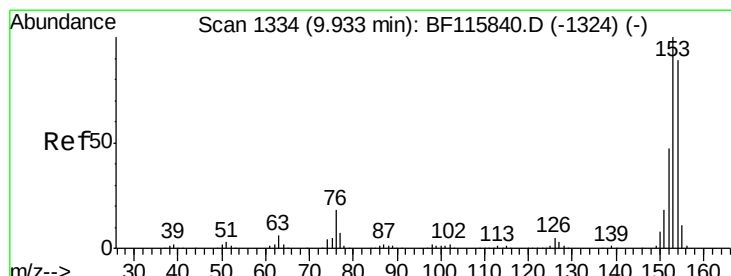
Abundance

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

Time-->



#52

Acenaphthene

Concen: 41.188 ng

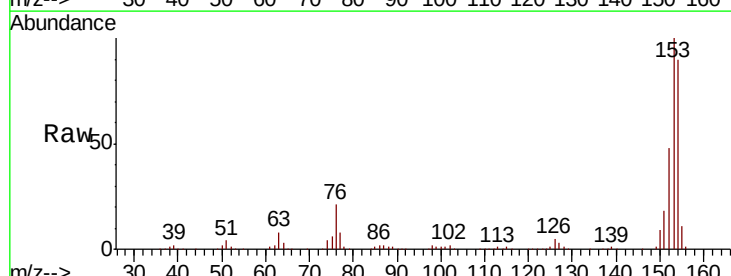
RT: 9.92 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Tgt Ion:	154	Resp:	762449
Ion Ratio	Lower	Upper	
154	100		
153	111.3	90.1	135.1
152	53.4	42.6	63.8

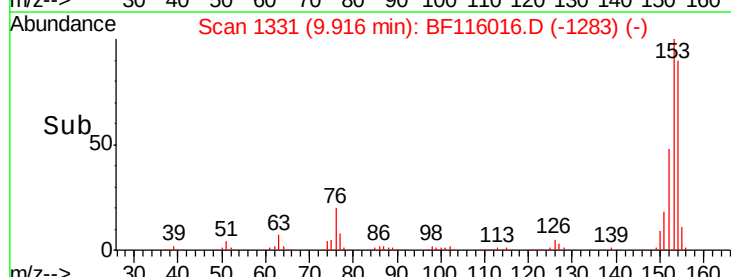


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



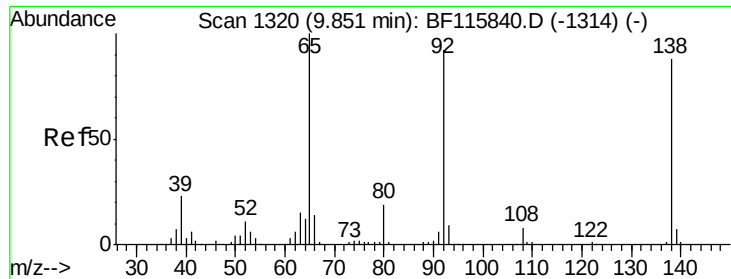
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



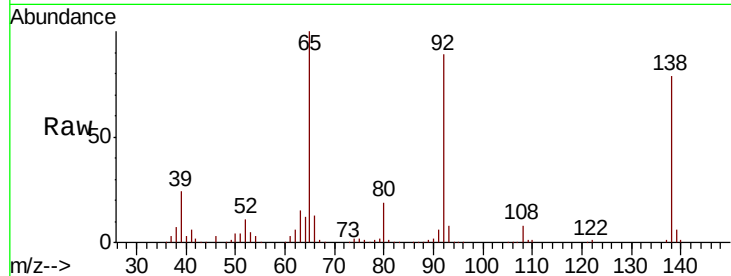
#53
3-Nitroaniline
Concen: 39.966 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.4	11.2
92	112.0	83.9	125.9

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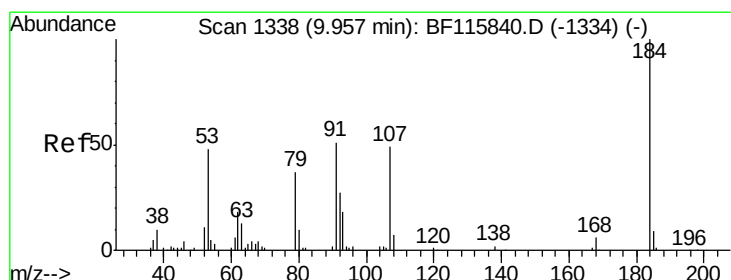
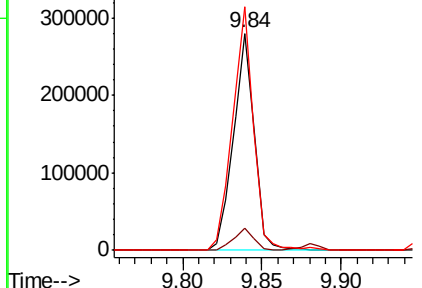
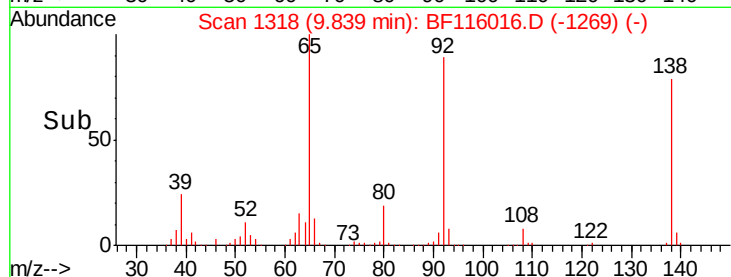


Abundance

Ion 138.00 (137.70 to 138.70): E

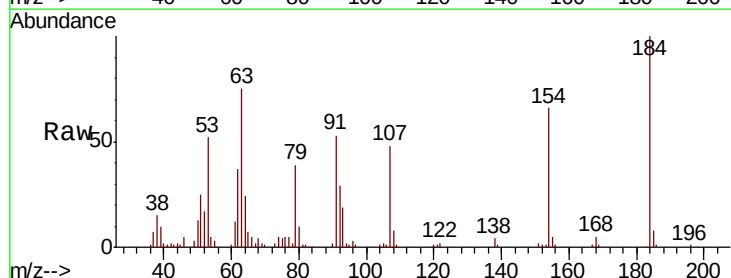
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 38.988 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.7	56.7	85.1
154	66.1	51.9	77.9

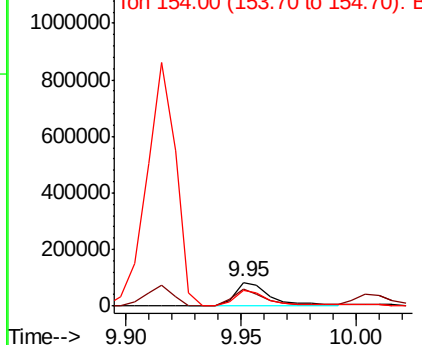
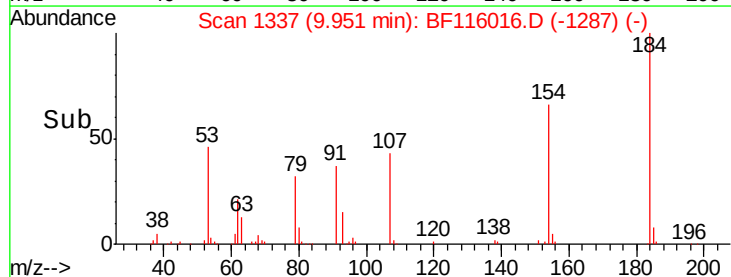


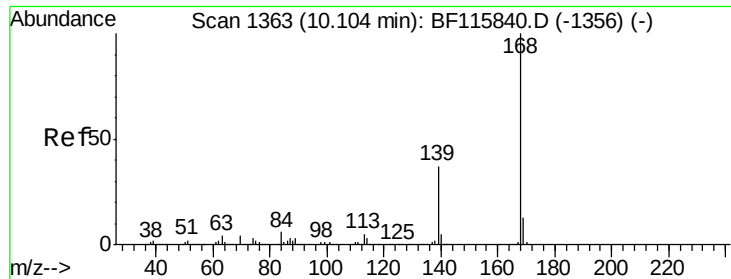
Abundance

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





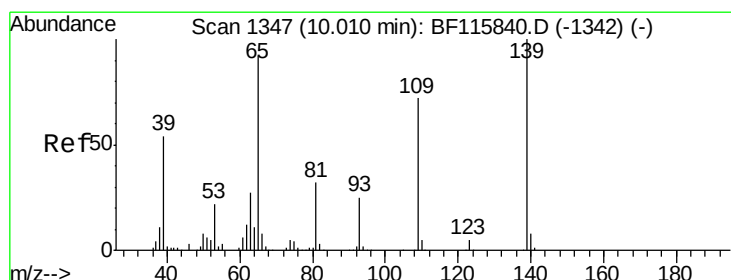
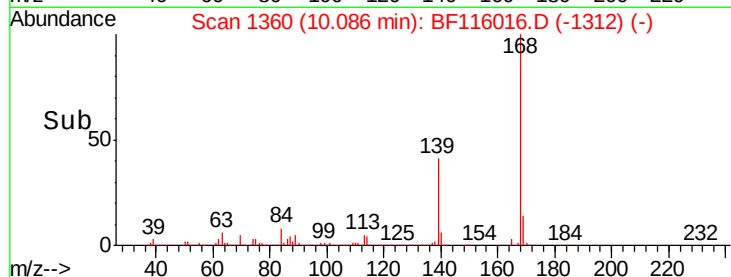
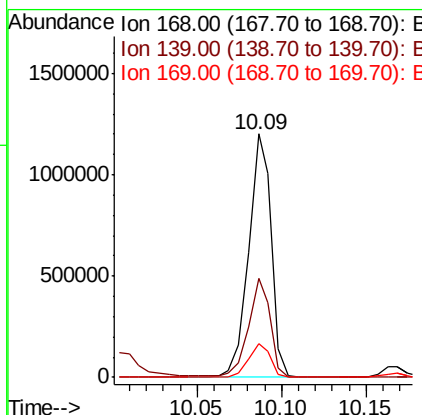
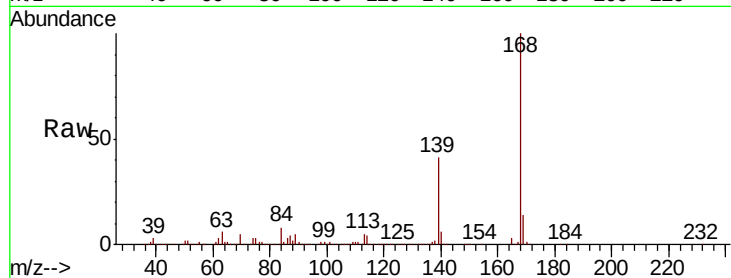
#55
Dibenzofuran
Concen: 41.691 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	30.2	45.2
169	14.0	10.8	16.2

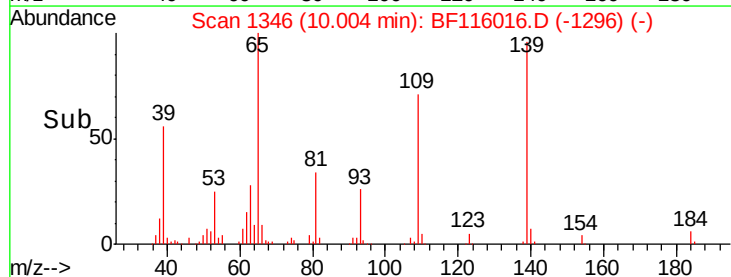
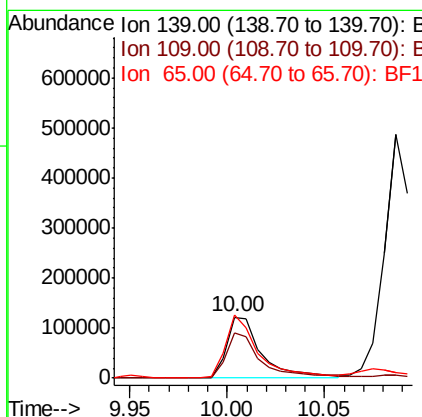
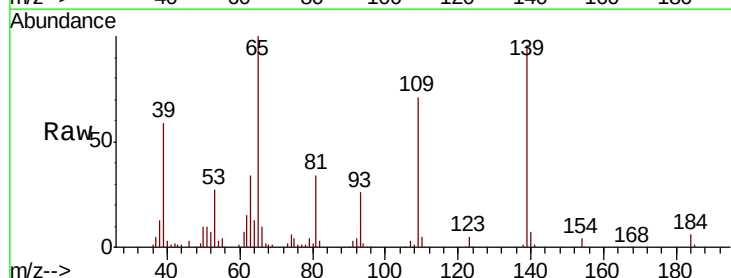
Manual Integrations
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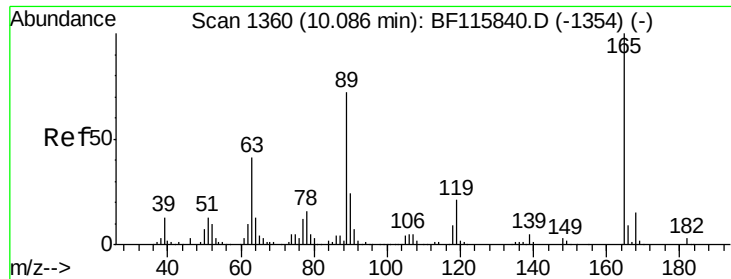
mohammad
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#56
4-Nitrophenol
Concen: 37.298 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.7	52.0	92.0
65	104.2	72.6	112.6





#57

2,4-Dinitrotoluene

Concen: 41.373 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Instrument :

BNA_F

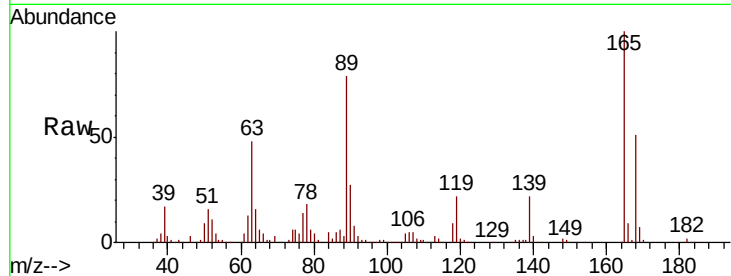
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	286899		
63	48.3		33.2	49.8
89	79.1		57.3	85.9
182	2.5		2.1	3.1

Manual Integrations
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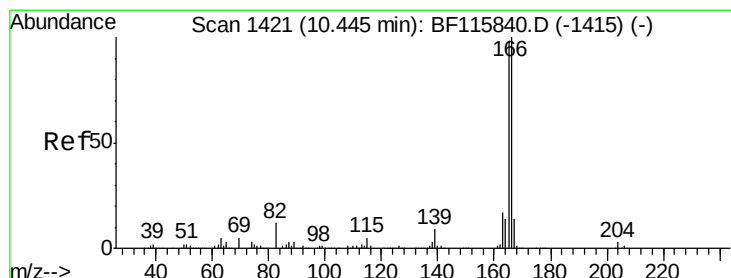
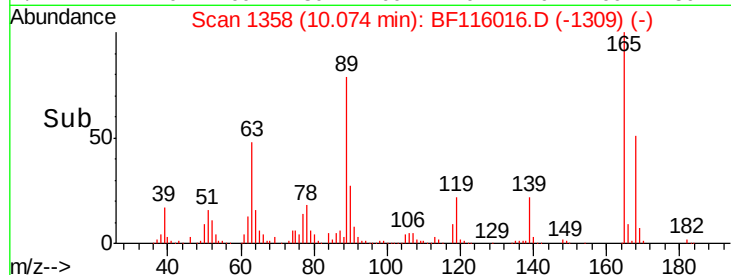
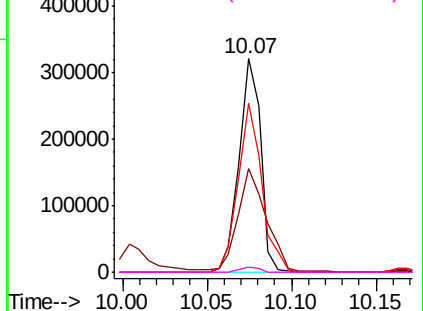


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.169 ng

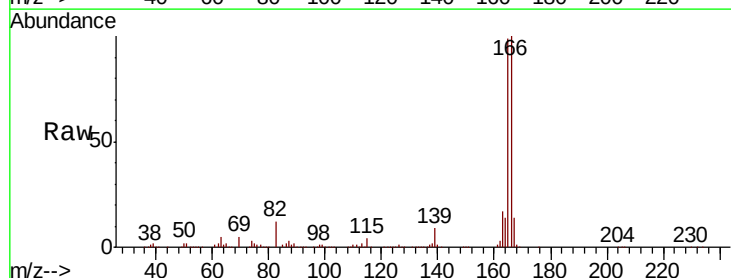
RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

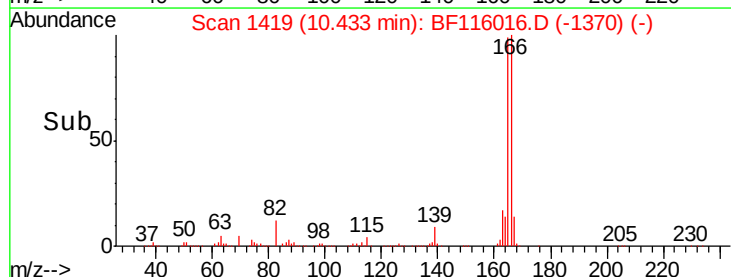
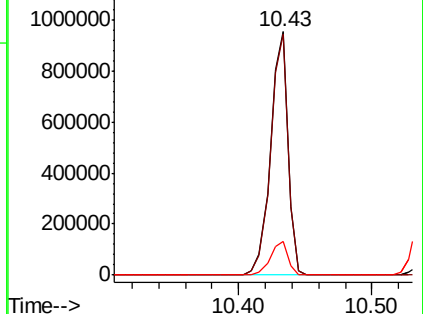
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	873410		
165	99.2		78.6	118.0
167	13.8		10.9	16.3

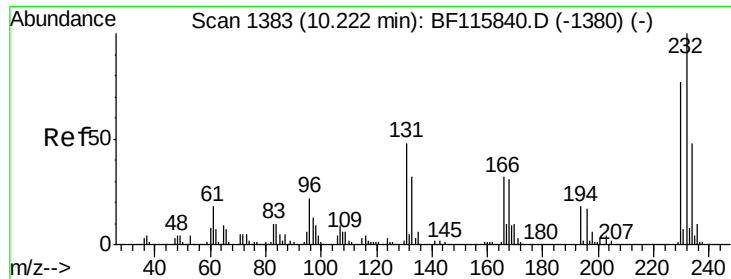


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





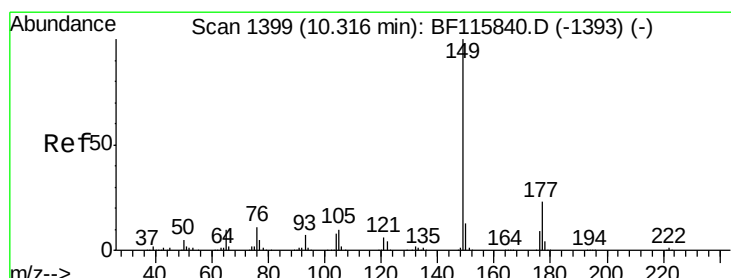
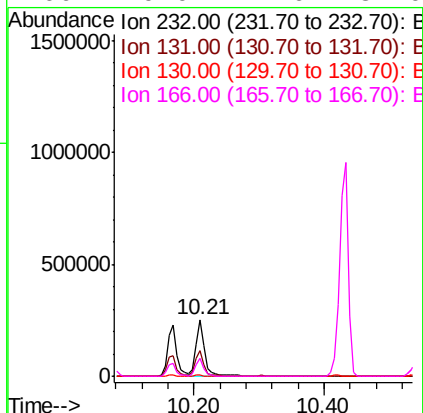
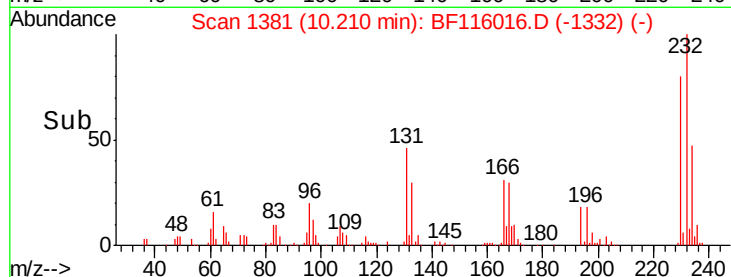
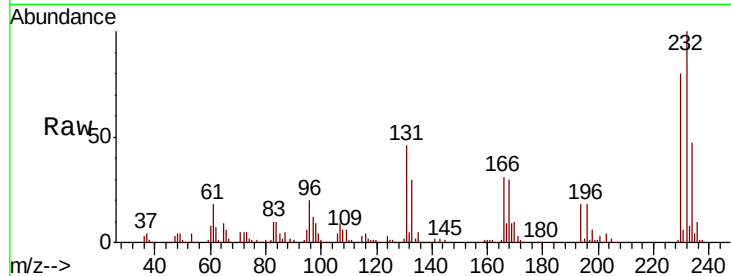
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.032 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	236762		
131	44.3		37.6	56.4
130	2.4		1.8	2.8
166	29.0		24.6	37.0

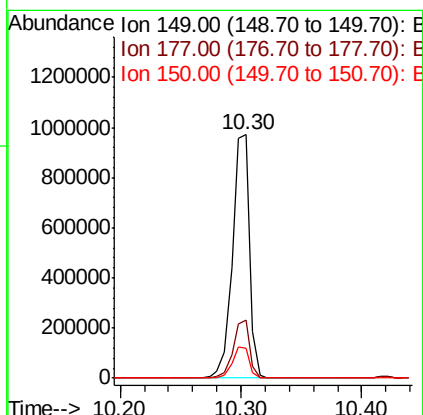
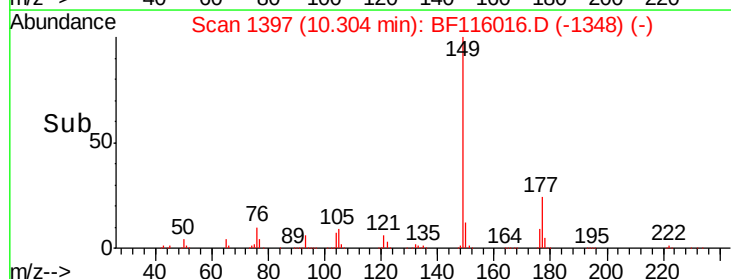
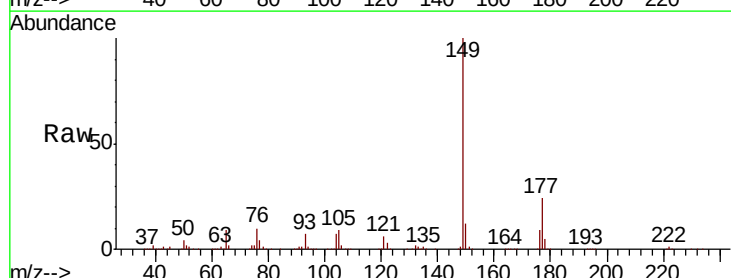
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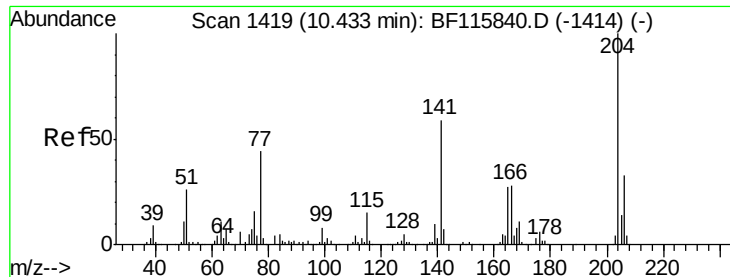
mohammad
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#60
Diethylphthalate
Concen: 42.730 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	956126		
177	23.9		18.4	27.6
150	12.4		10.1	15.1





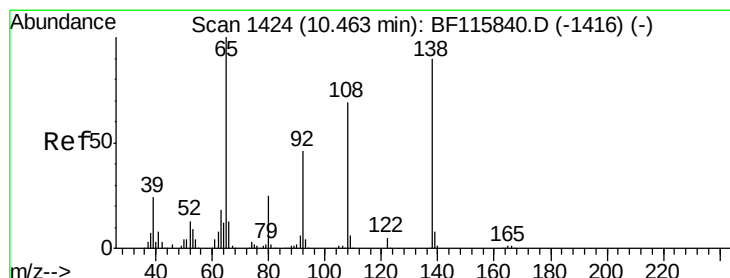
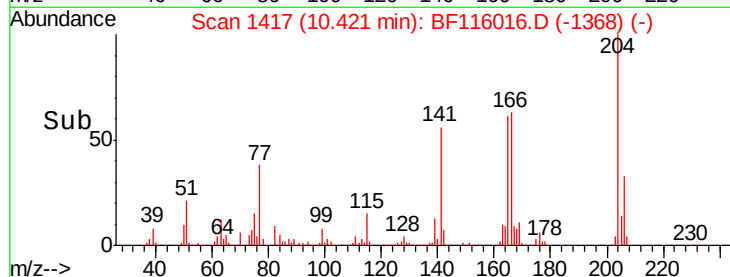
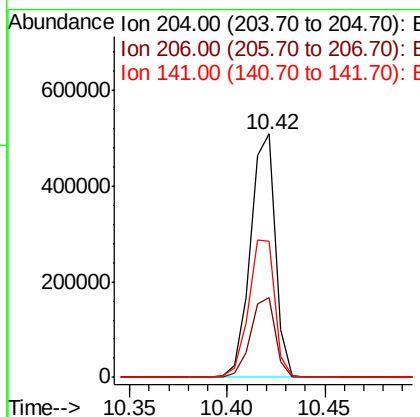
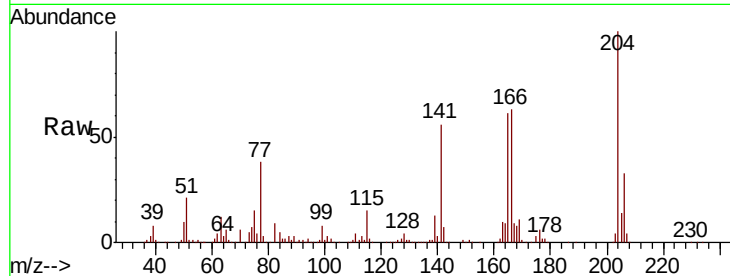
#61
4-Chlorophenyl-phenylether
Concen: 42.838 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.4	39.6
141	55.9	47.0	70.4

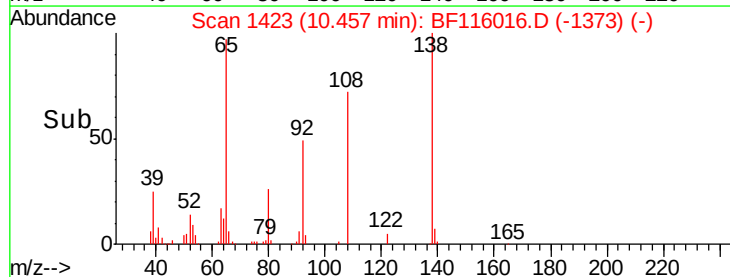
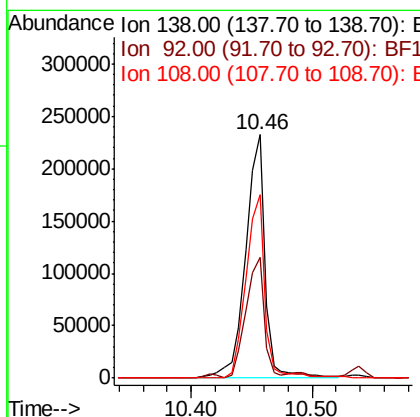
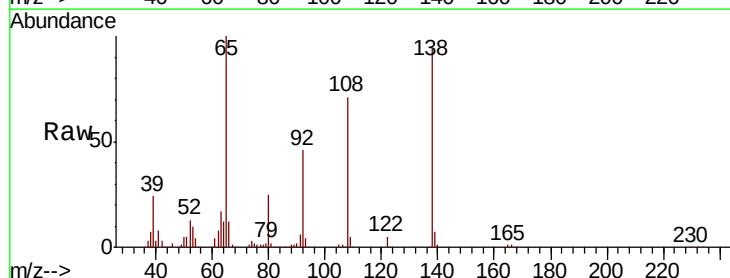
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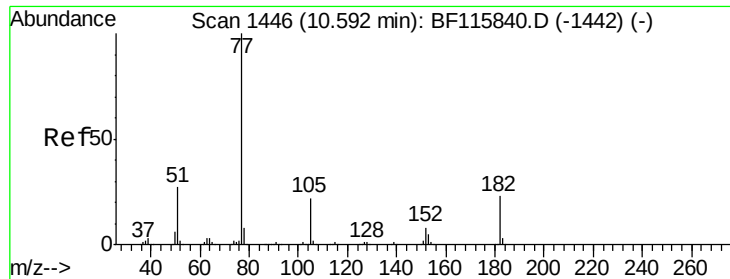
mohammad
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#62
4-Nitroaniline
Concen: 39.677 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	31.0	71.0
108	75.6	56.7	96.7





#63

Azobenzene

Concen: 42.860 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Instrument :

BNA_F

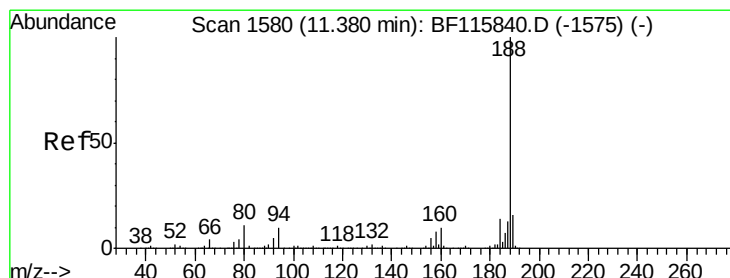
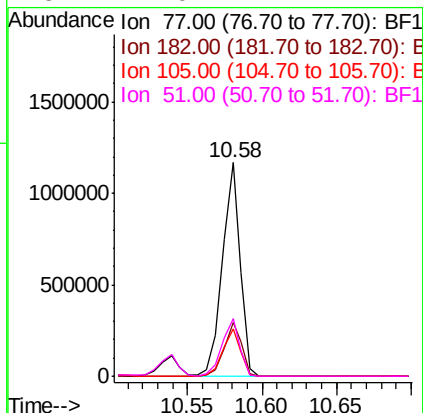
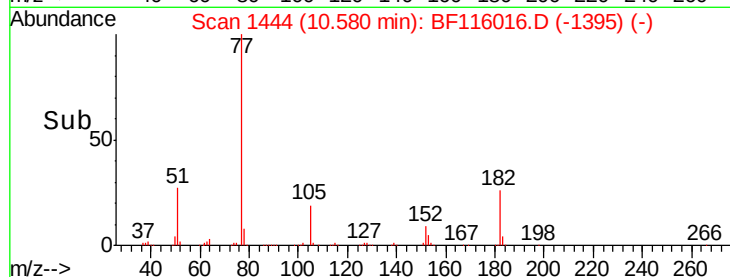
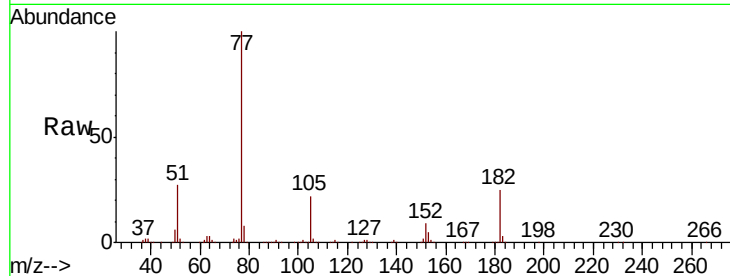
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		986415		
182	25.1	2.6	42.6		
105	22.2	1.6	41.6		
51	27.0	7.4	47.4		

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

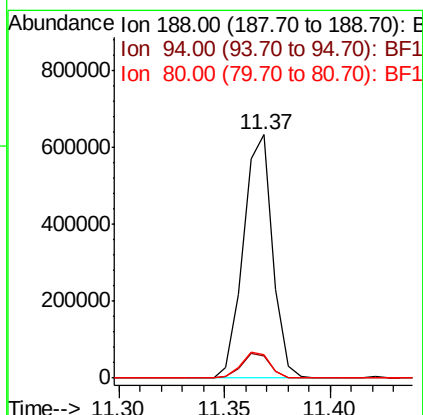
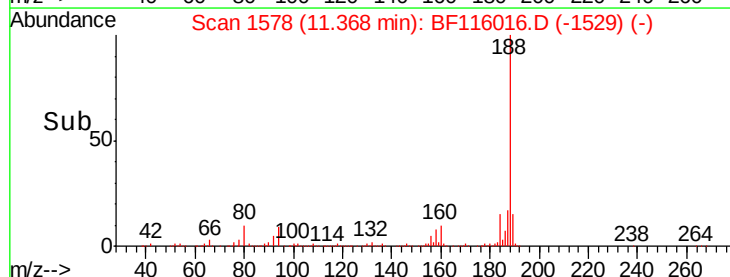
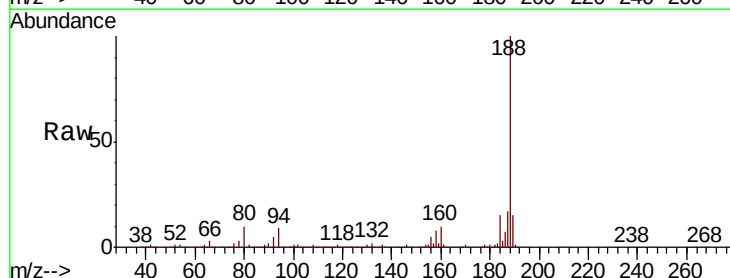
RT: 11.37 min Scan# 1578

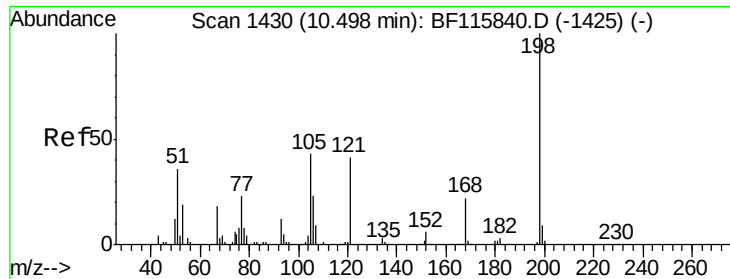
Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		607241		
94	9.1	8.0	12.0		
80	9.7	8.6	12.8		





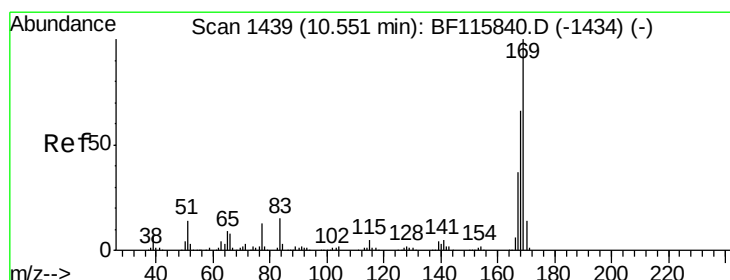
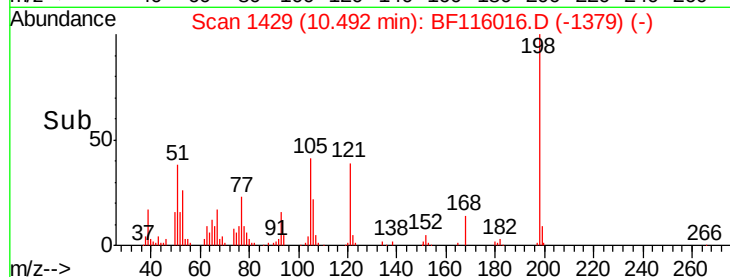
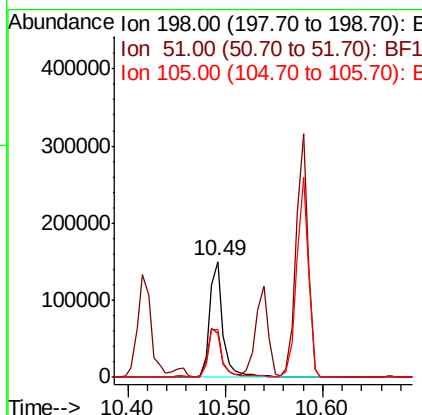
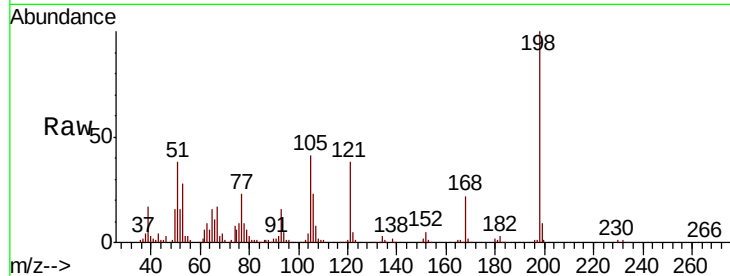
#65
4,6-Dinitro-2-methylphenol
Concen: 44.687 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.7	21.1	61.1
105	40.9	24.5	64.5

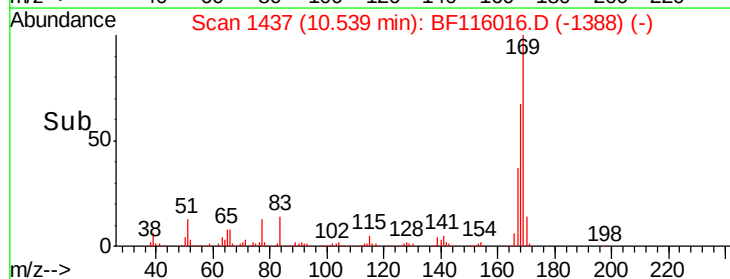
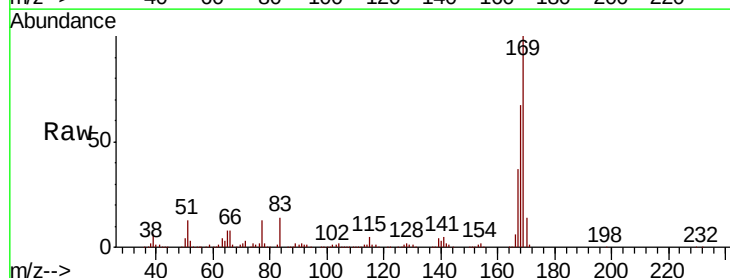
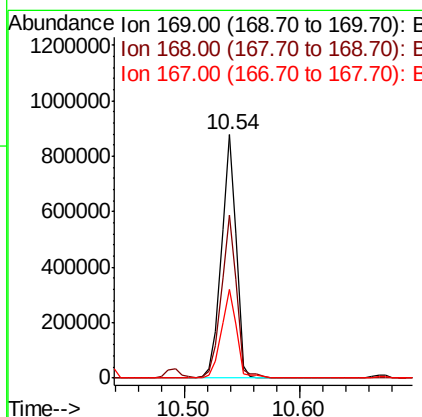
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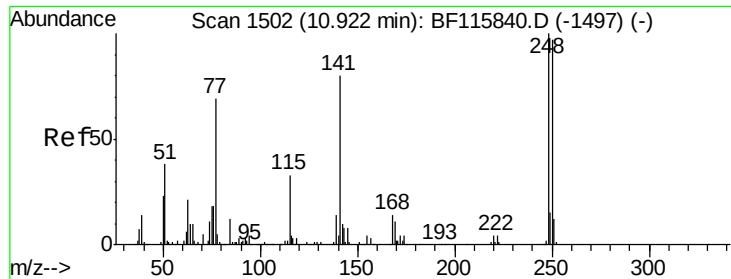
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#66
n-Nitrosodiphenylamine
Concen: 42.528 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.0	79.6
167	36.7	29.9	44.9





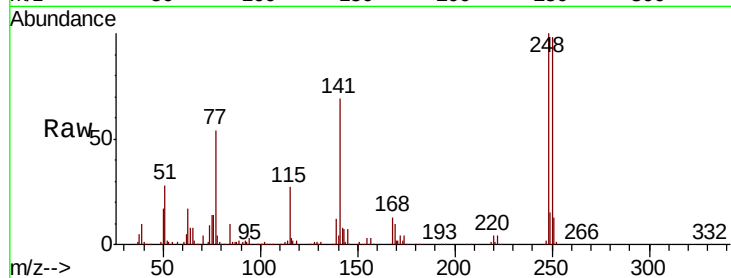
#67
4-Bromophenyl-phenylether
Concen: 43.369 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.8	116.6
141	69.0	64.3	96.5

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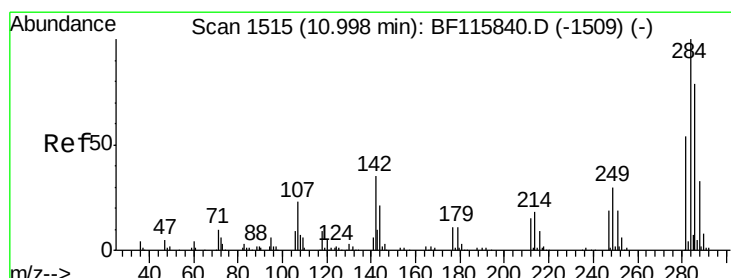
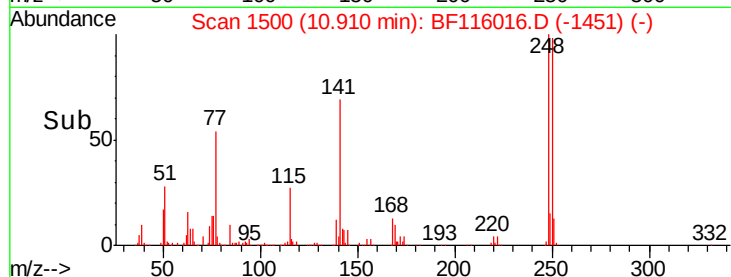
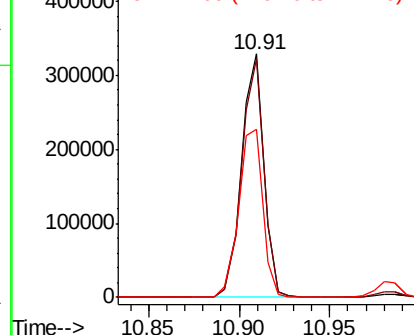


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.652 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

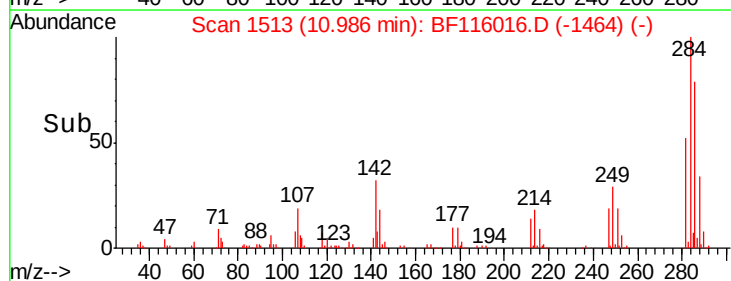
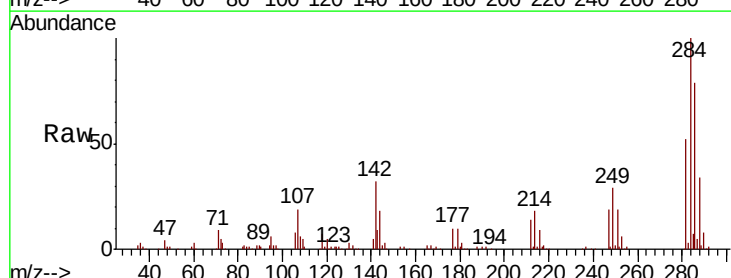
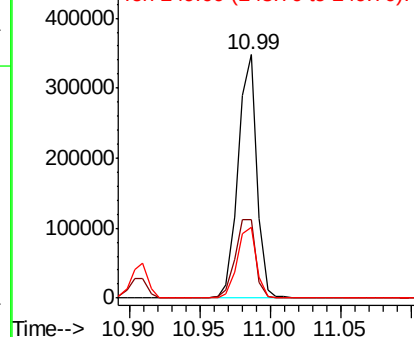
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	28.2	42.2
249	29.3	24.0	36.0

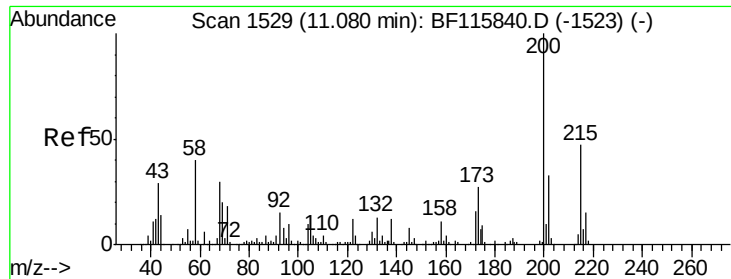
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 32.334 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.02 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Instrument :

BNA_F

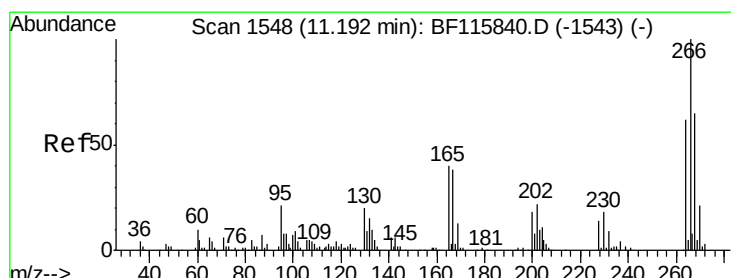
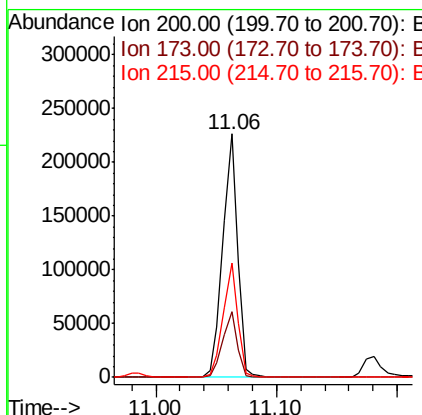
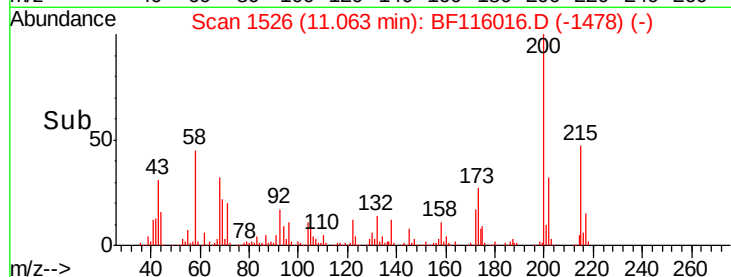
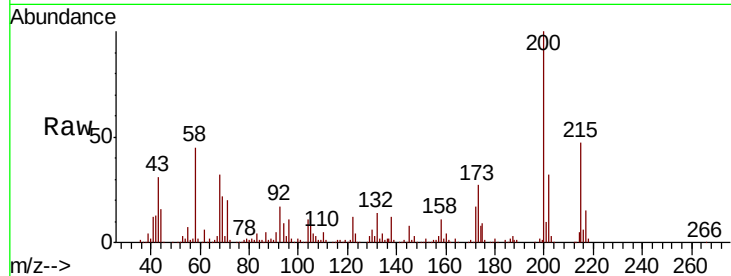
ClientSampleId :

SSTDCCC040

Tot Ion:	200	Resp:	194422
Ion Ratio	Lower	Upper	
200	100		
173	27.2	7.3	47.3
215	46.8	26.9	66.9

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#70

Pentachlorophenol

Concen: 37.265 ng

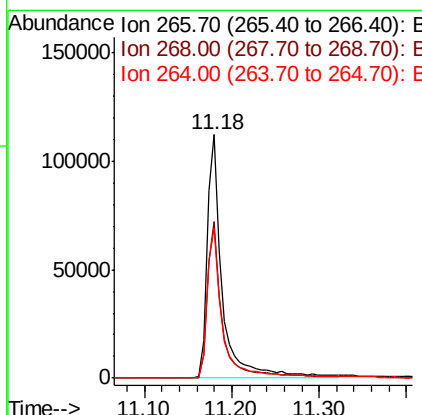
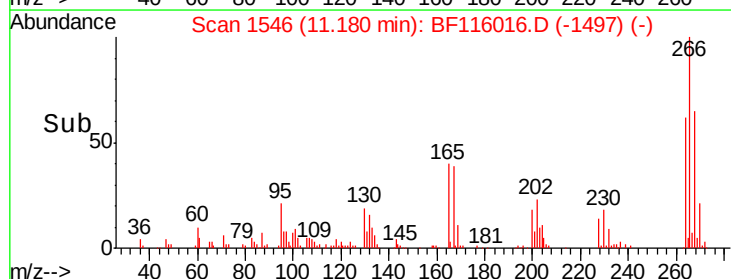
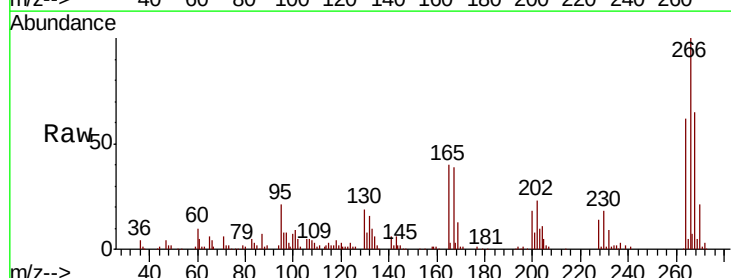
RT: 11.18 min Scan# 1546

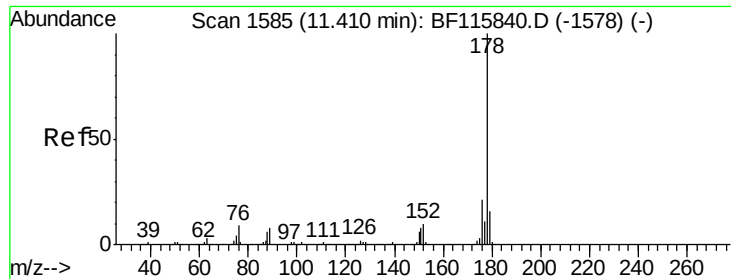
Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Tgt Ion:	266	Resp:	135995
Ion Ratio	Lower	Upper	
266	100		
268	64.5	51.6	77.4
264	61.9	49.4	74.0





#71

Phenanthrene

Concen: 41.726 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1295334

Ion Ratio Lower Upper

178 100

176 20.6 16.5 24.7

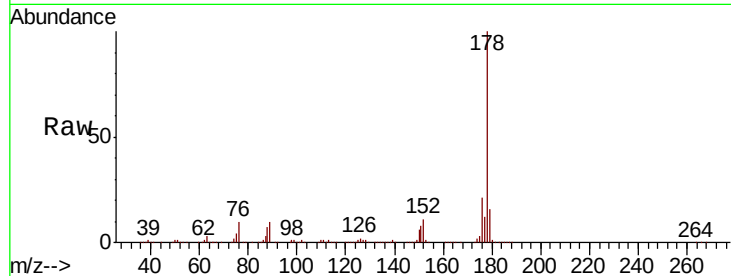
179 15.9 12.6 18.8

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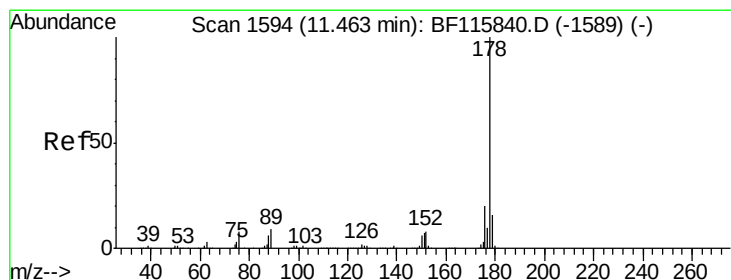
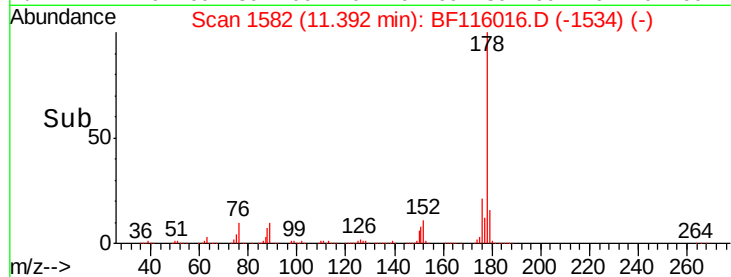
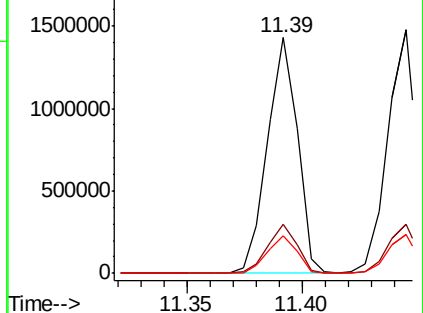
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.682 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Tgt Ion:178 Resp: 1309534

Ion Ratio Lower Upper

178 100

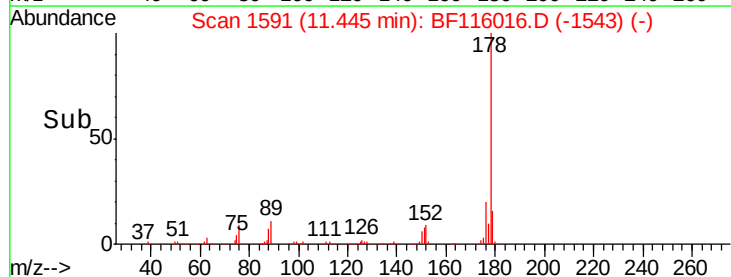
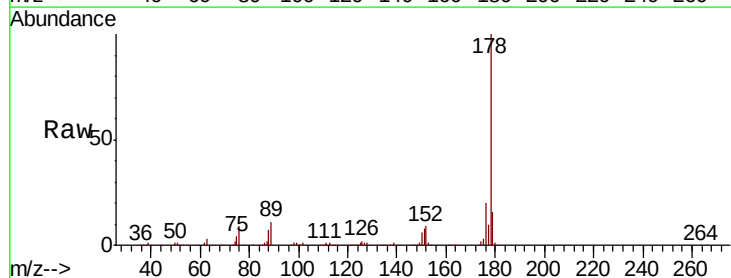
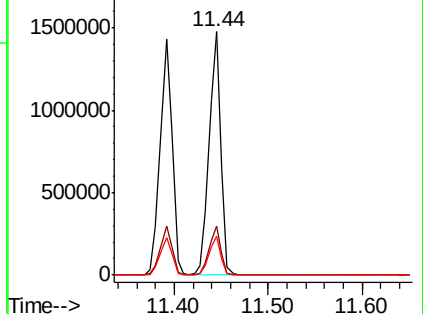
176 20.4 15.7 23.5

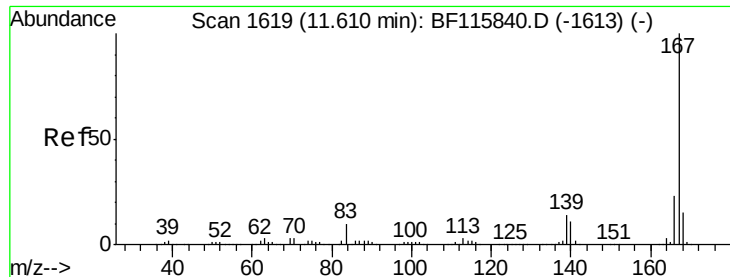
179 15.8 12.4 18.6

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.905 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1194444

Ion Ratio Lower Upper

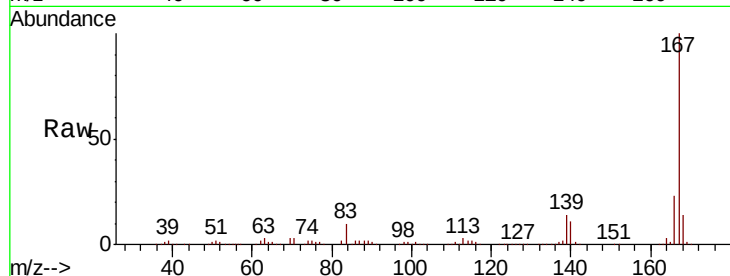
167 100

166 22.7 18.0 27.0

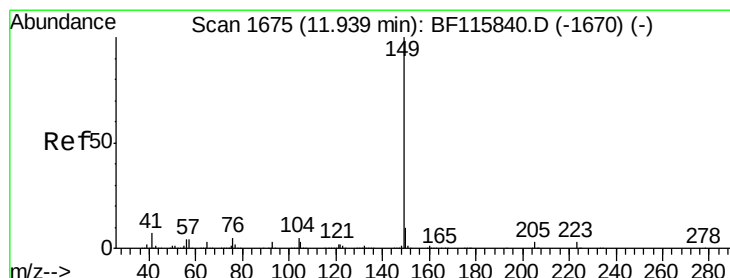
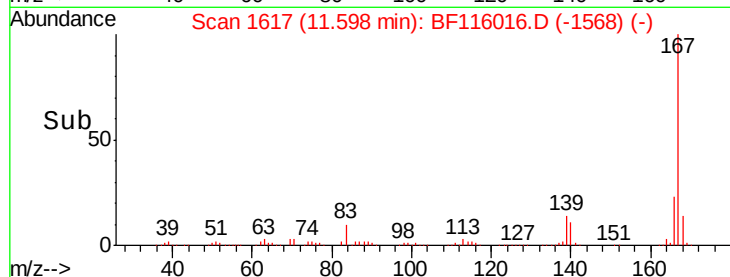
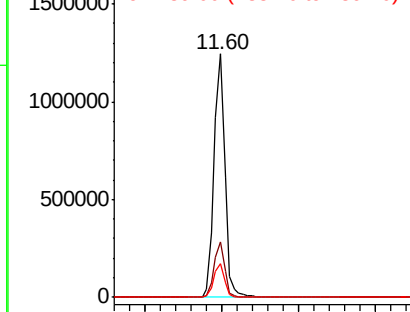
139 13.8 11.4 17.2

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.224 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.02 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

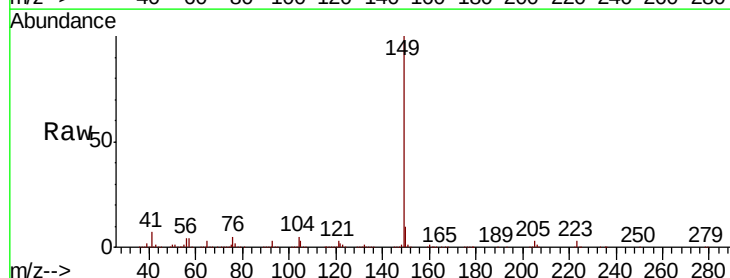
Tgt Ion:149 Resp: 1503733

Ion Ratio Lower Upper

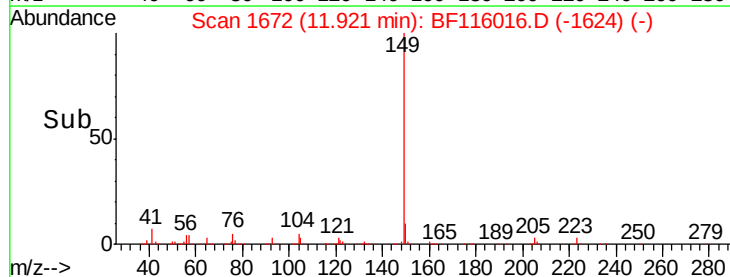
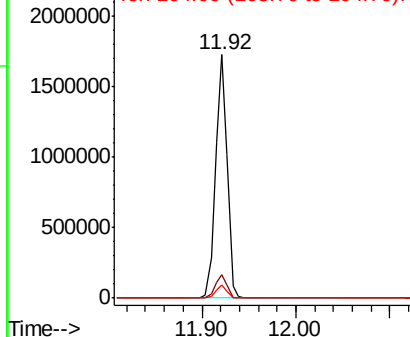
149 100

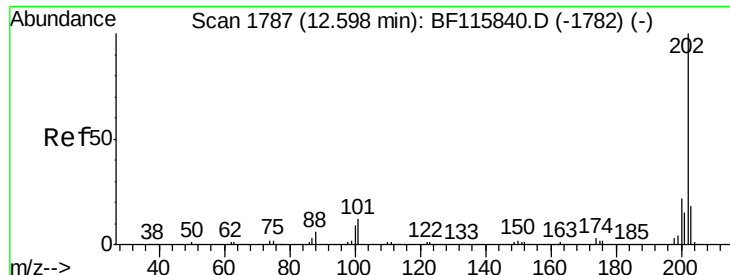
150 9.7 7.7 11.5

104 5.5 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.624 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF116016.D

Acq: 6 Aug 2019 16:37

Instrument :

BNA_F

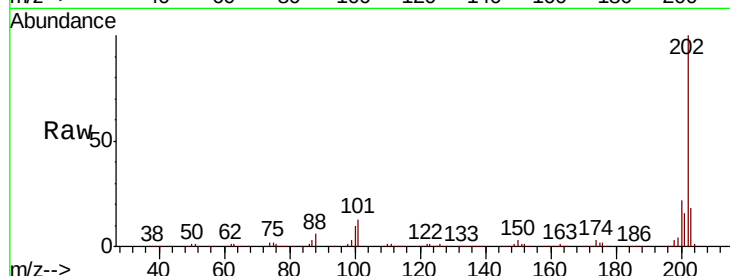
ClientSampleId :

SSTDCCC040

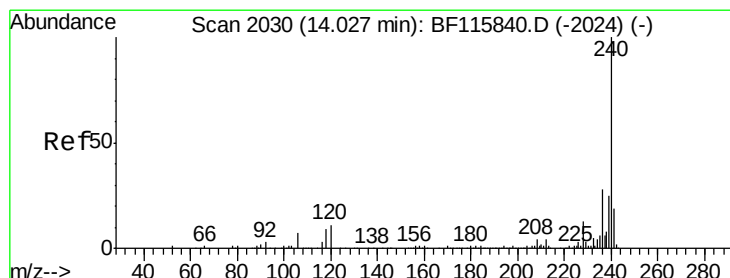
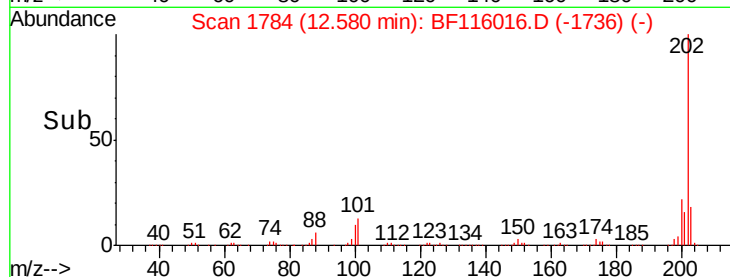
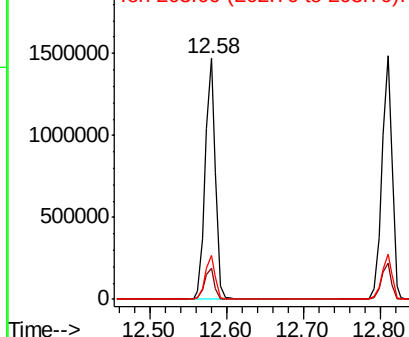
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1352746		
101	12.8		0.0	31.5
203	18.4		0.0	37.9

Manual Integrations
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mohammad
8/7/2019 4:42:02 PM



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

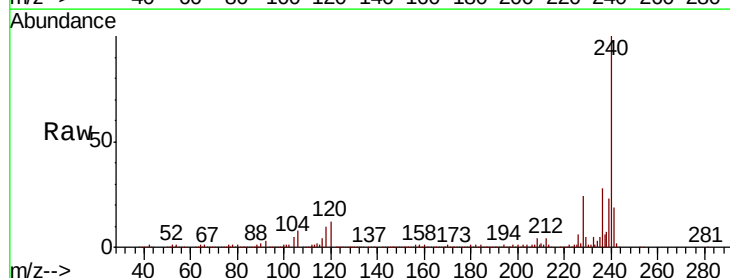
RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

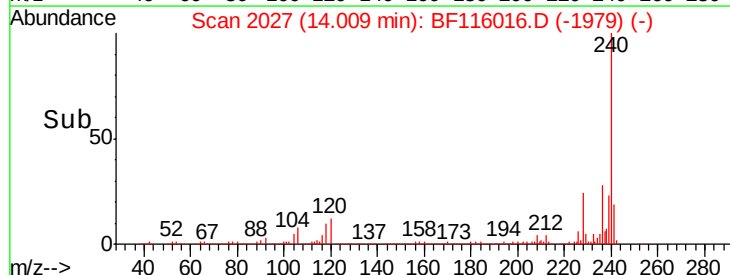
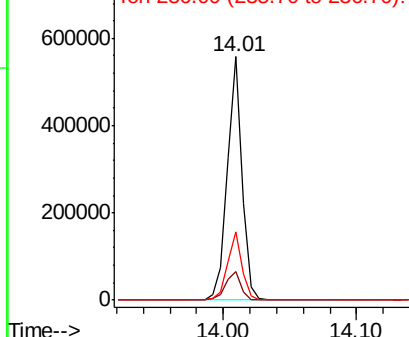
Lab File: BF116016.D

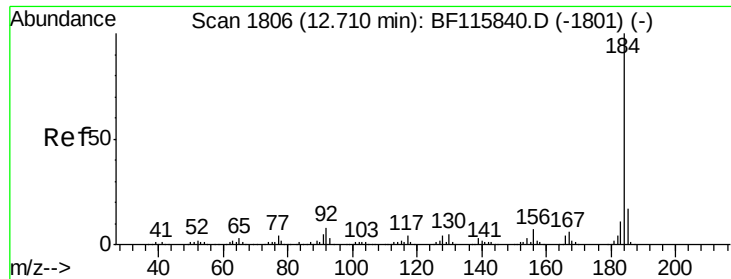
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	435863		
120	11.6		8.5	12.7
236	27.9		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





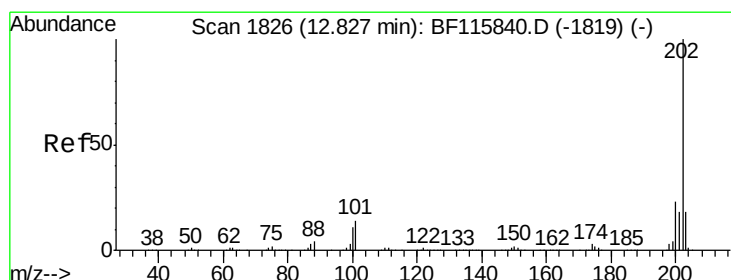
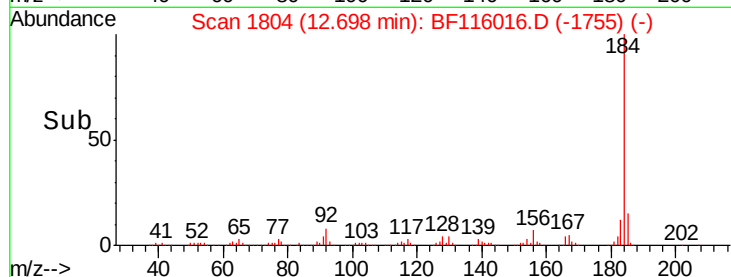
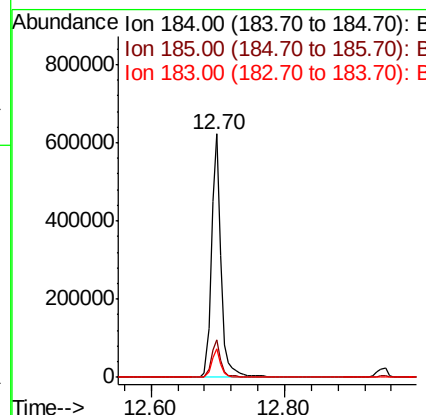
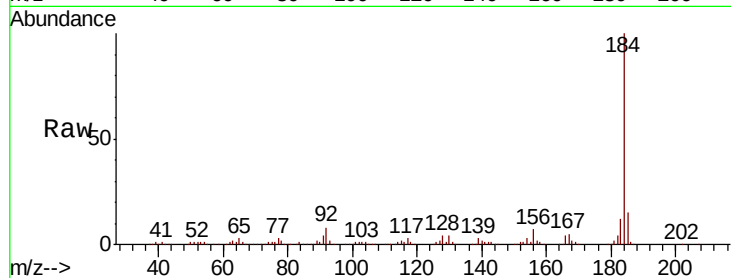
#77
Benzidine
Concen: 41.764 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.4	20.2
183	11.8	9.1	13.7

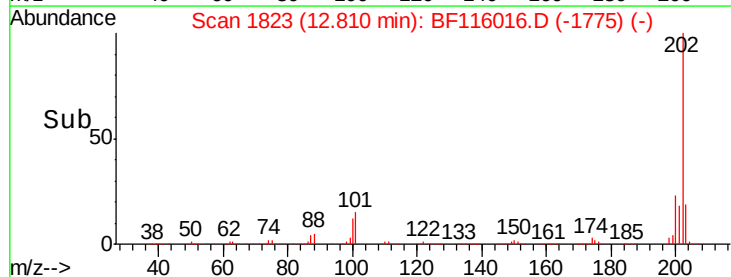
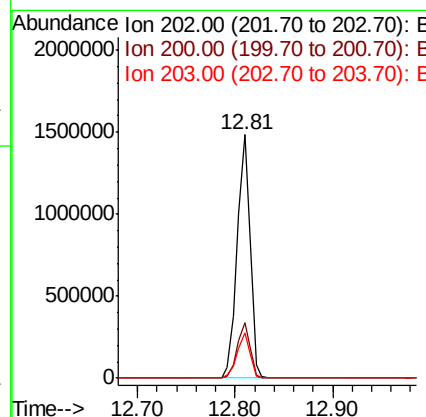
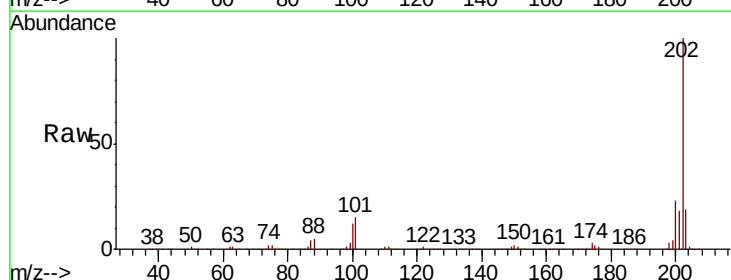
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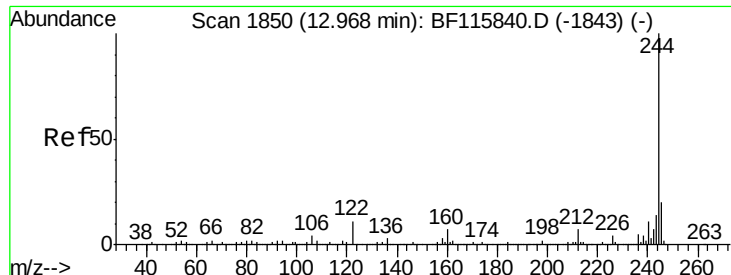
mohammad
8/7/2019 4:42:02 PM



#78
Pyrene
Concen: 42.036 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.2	27.2
203	18.5	14.3	21.5





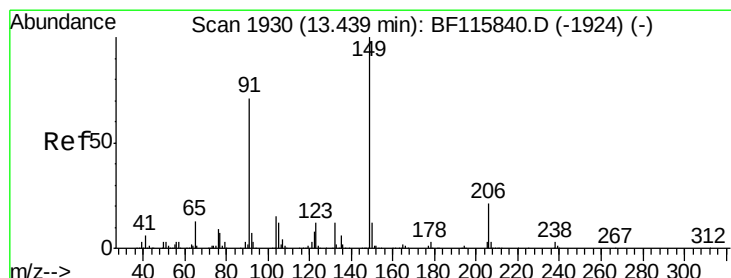
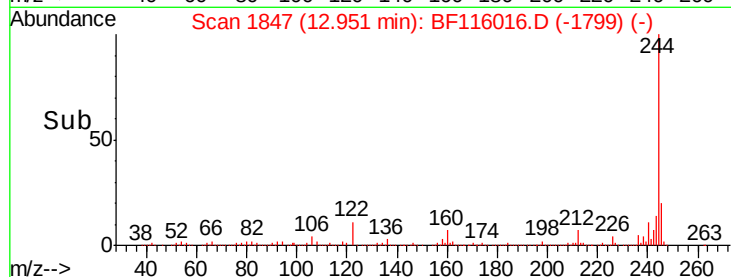
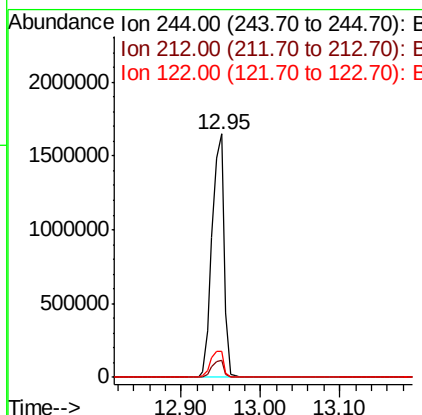
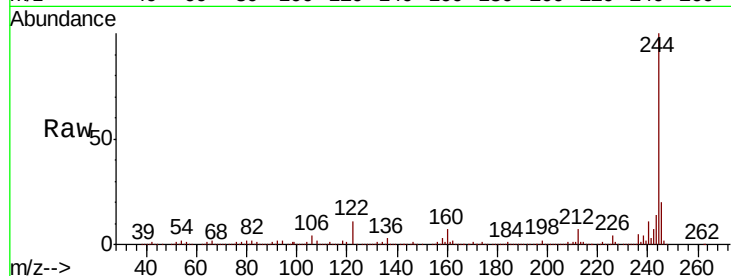
#79
 Terphenyl-d14
 Concen: 84.020 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.02 min
 Lab File: BF116016.D
 Acq: 6 Aug 2019 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 1737942
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.8 8.6 13.0

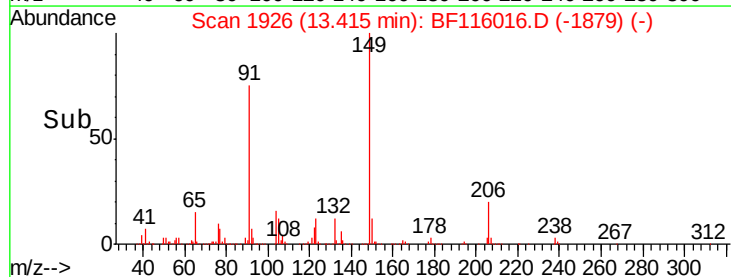
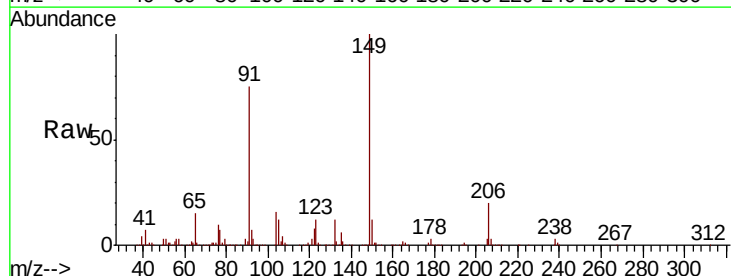
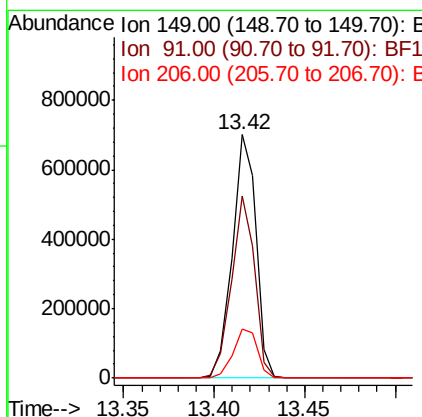
Manual Integrations
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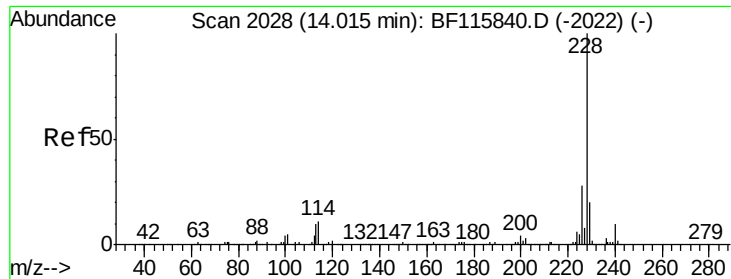
mohammad
 8/7/2019 4:42:02 PM



#80
 Butylbenzylphthalate
 Concen: 45.946 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BF116016.D
 Acq: 6 Aug 2019 16:37

Tgt Ion:149 Resp: 638562
 Ion Ratio Lower Upper
 149 100
 91 74.8 57.0 85.6
 206 20.2 16.9 25.3





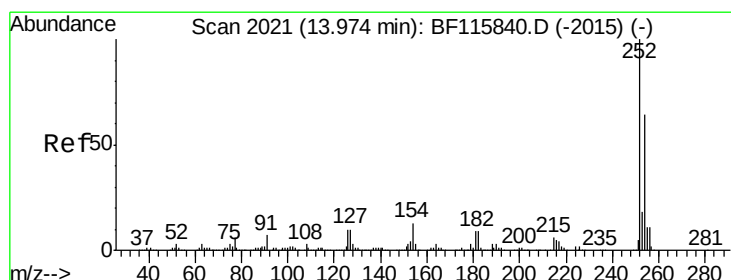
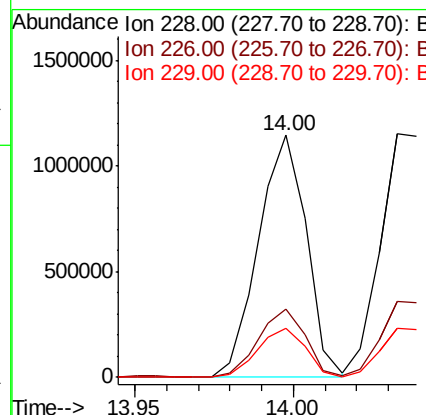
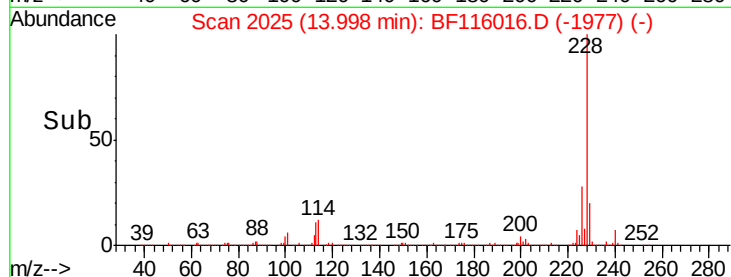
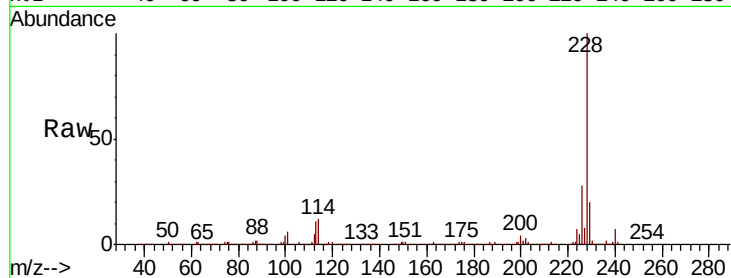
#81
Benzo(a)anthracene
Concen: 43.351 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.5	33.7
229	20.4	16.1	24.1

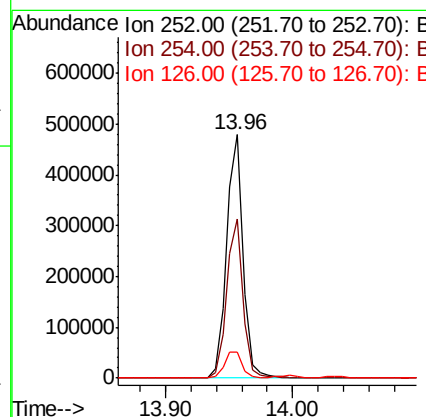
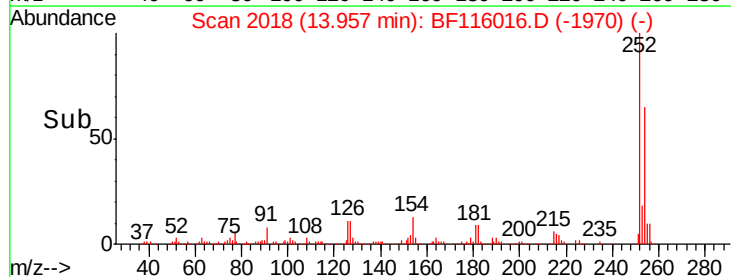
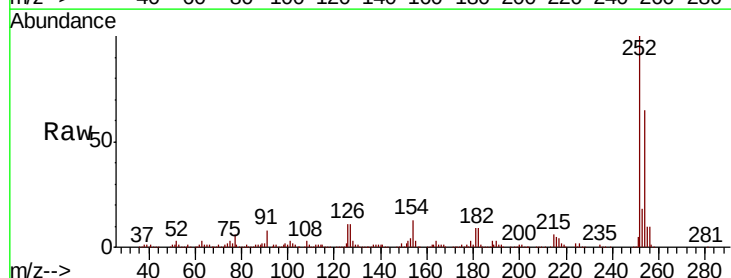
Manual Integrations
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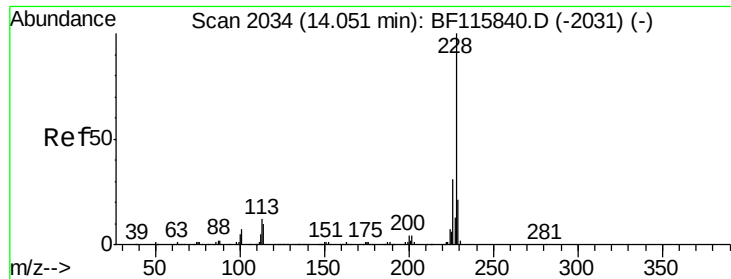
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 44.989 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.2	76.8
126	10.6	8.1	12.1





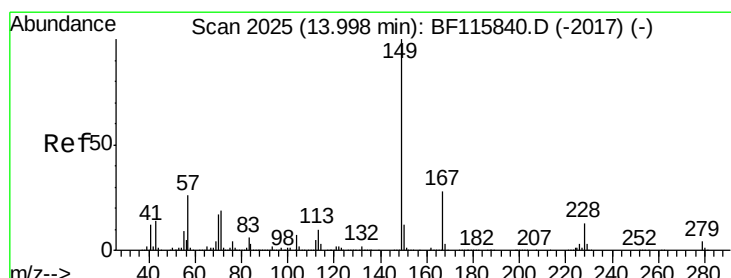
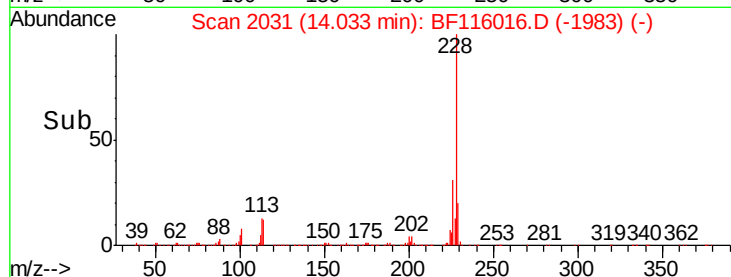
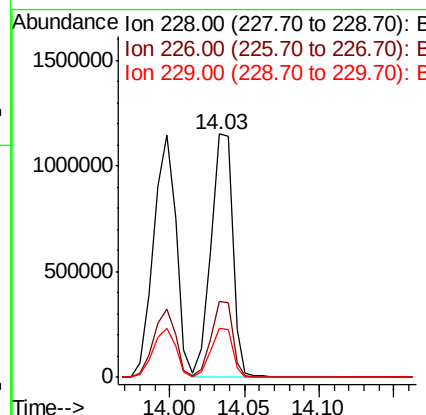
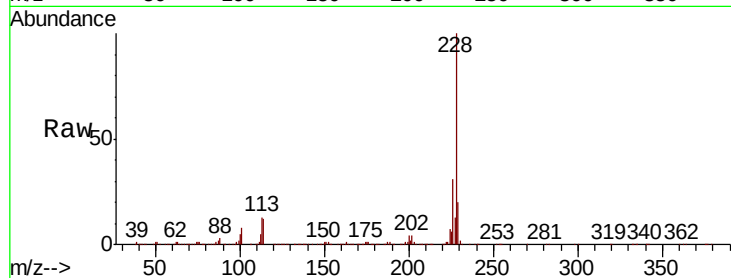
#83
 Chrysene
 Concen: 42.868 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF116016.D
 Acq: 6 Aug 2019 16:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	20.2	16.4	24.6

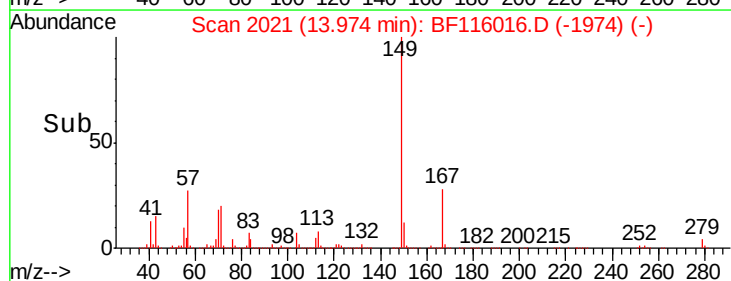
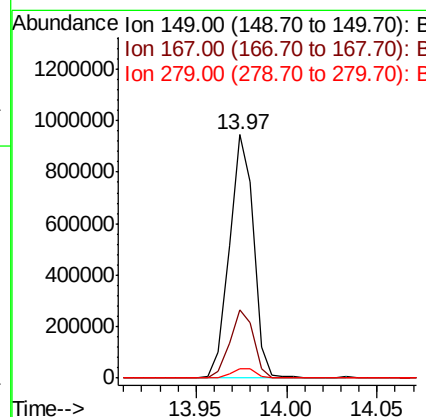
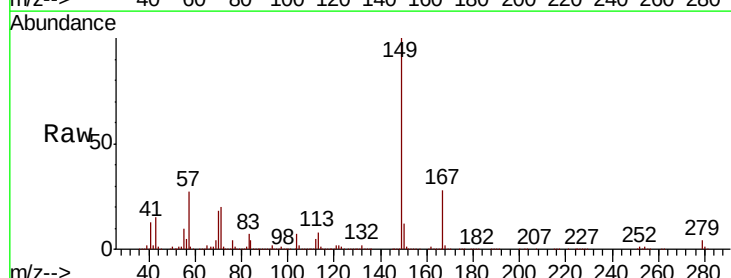
Manual Integrations
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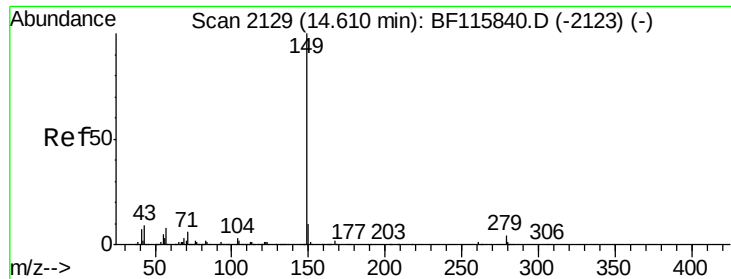
mohammad
 8/7/2019 4:42:02 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.720 ng m
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF116016.D
 Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.4	33.6
279	3.8	3.3	4.9





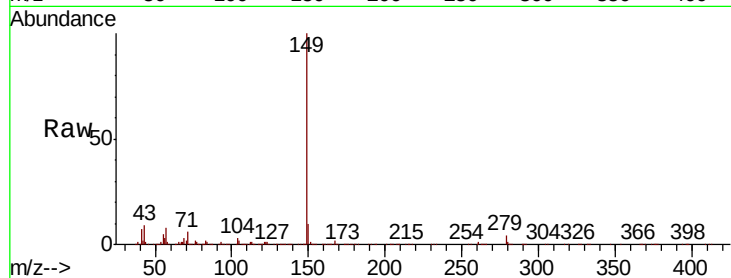
#85
Di-n-octyl phthalate
Concen: 47.526 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.4	7.4	11.0

Manual Integrations
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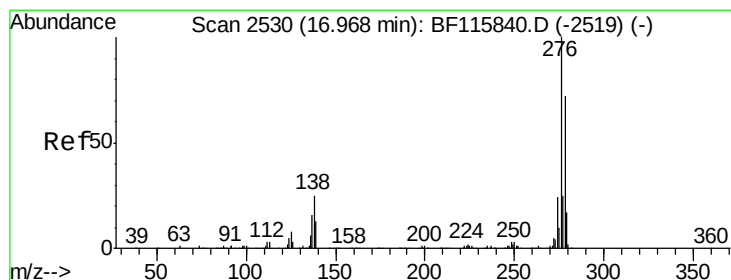
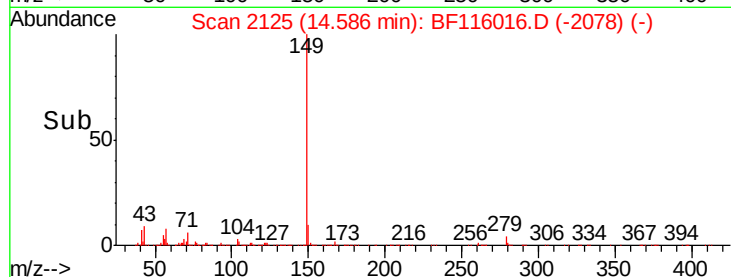
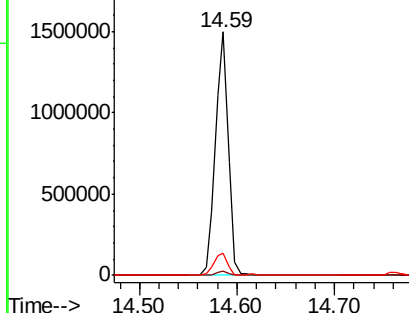


Abundance

Ion 149.00 (148.70 to 149.70): E

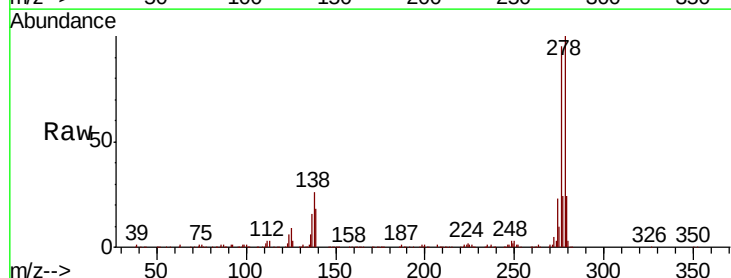
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.480 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	19.6	29.4
277	25.2	20.1	30.1

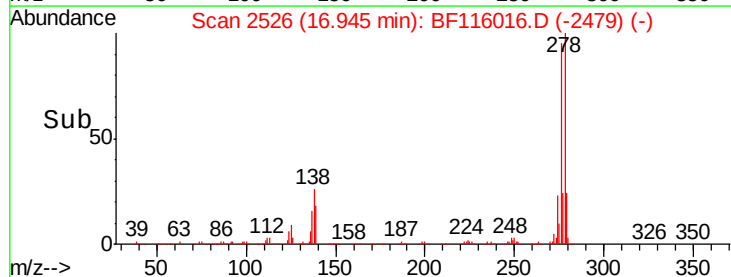
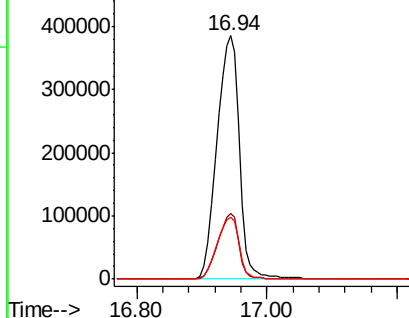


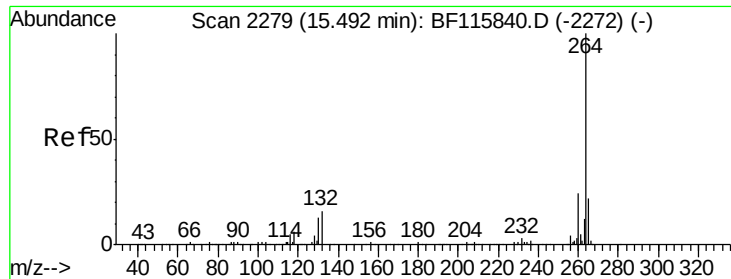
Abundance

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





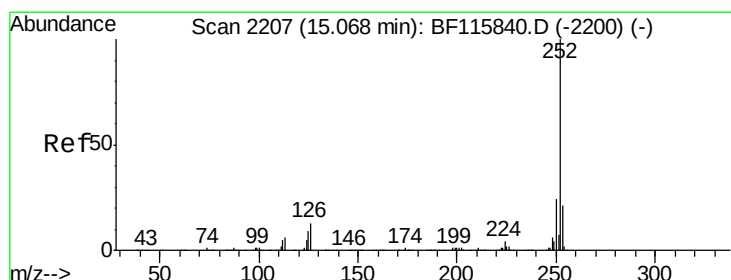
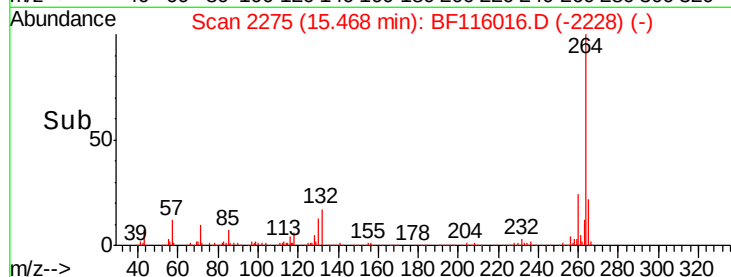
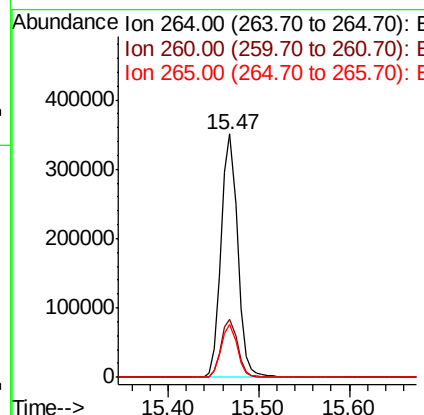
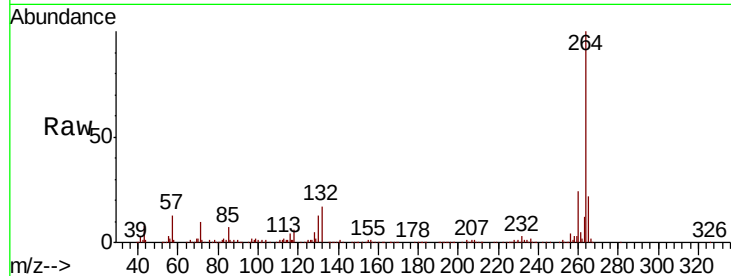
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.9	17.5	26.3

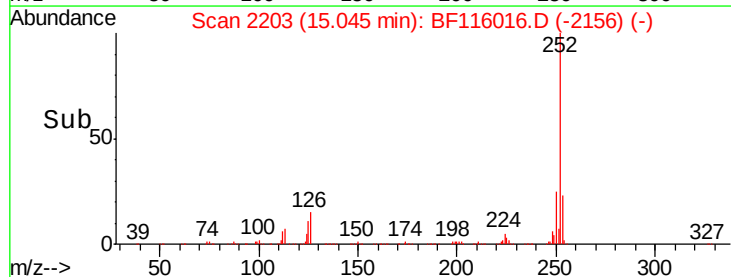
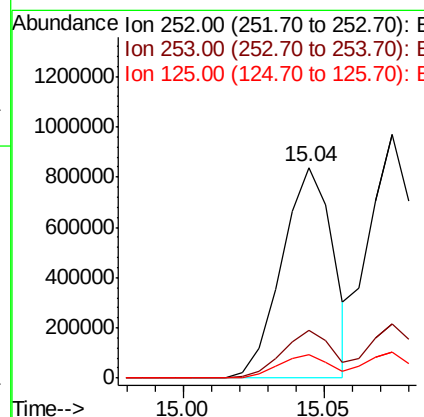
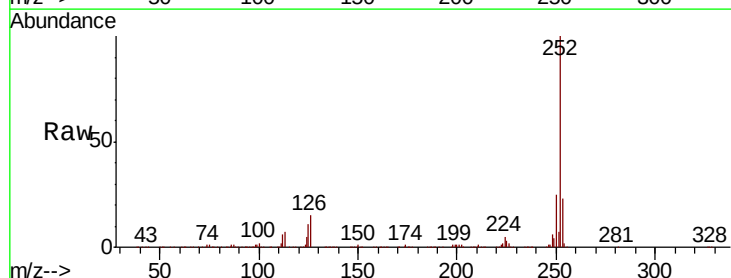
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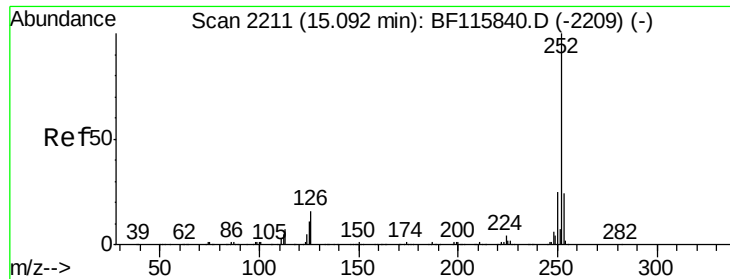
mohammad
8/7/2019 4:42:02 PM



#88
Benzo(b)fluoranthene
Concen: 41.225 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	10.9	7.4	11.0





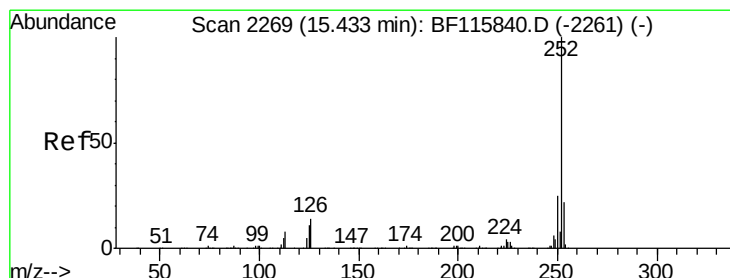
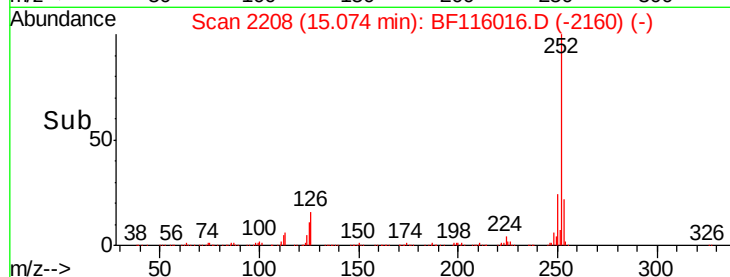
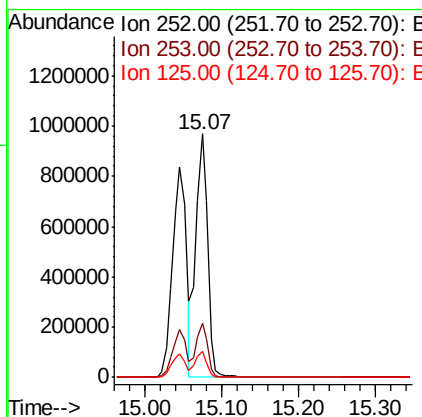
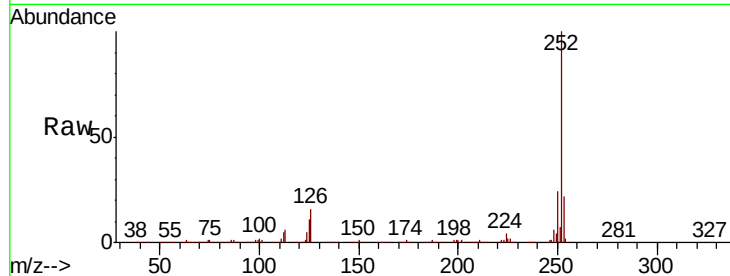
#89
Benzo(k)fluoranthene
Concen: 41.956 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	10.8	8.9	13.3

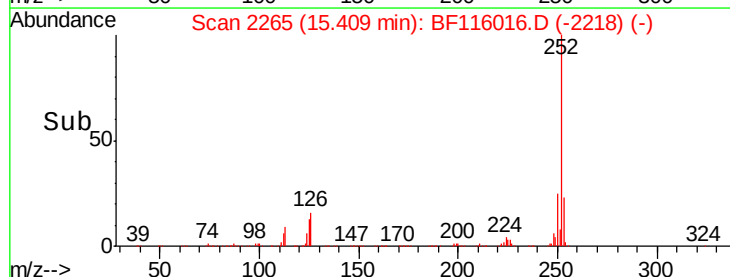
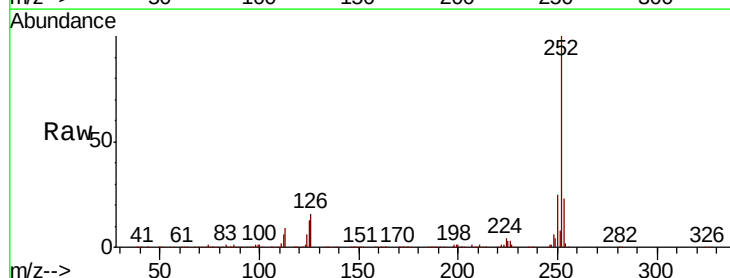
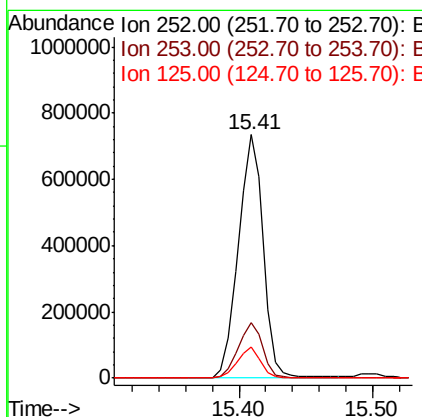
Manual Integrations
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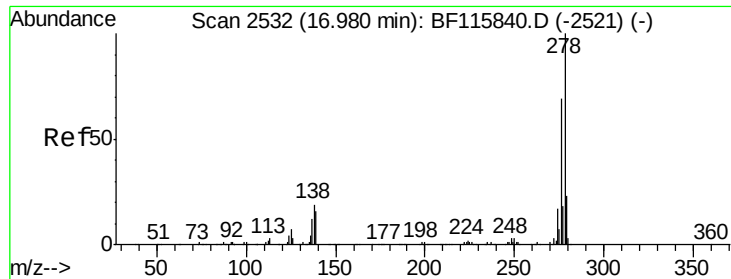
mohammad
8/7/2019 4:42:02 PM



#90
Benzo(a)pyrene
Concen: 41.377 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	12.6	8.8	13.2





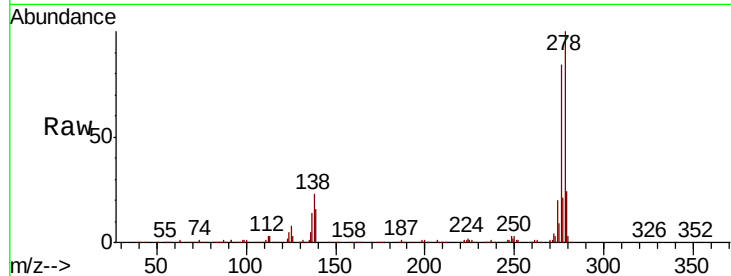
#91
Dibenzo(a,h)anthracene
Concen: 38.576 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.03 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.6	19.0
279	24.2	18.8	28.2

Manual Integrations
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mohammad
8/7/2019 4:42:02 PM

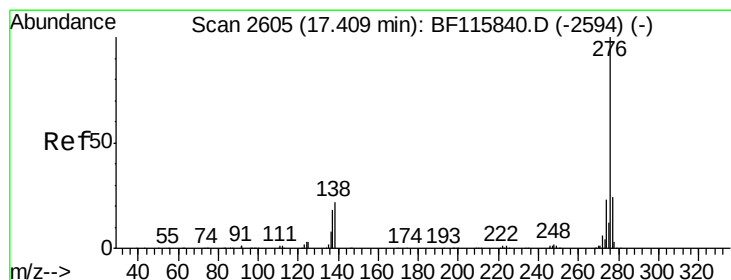
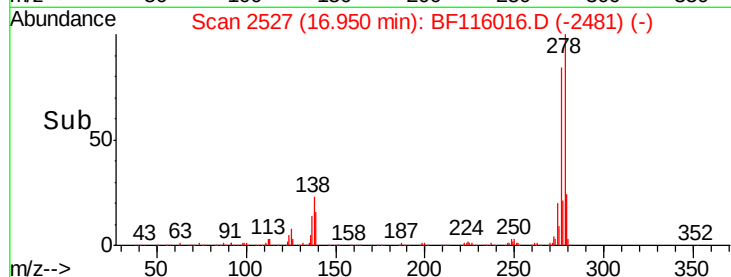
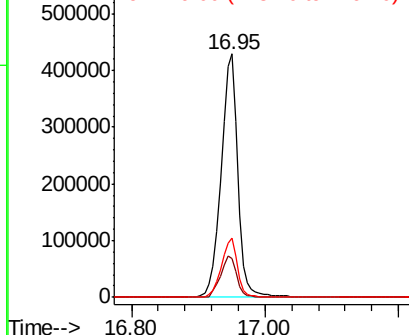


Abundance

Ion 278.00 (277.70 to 278.70): E

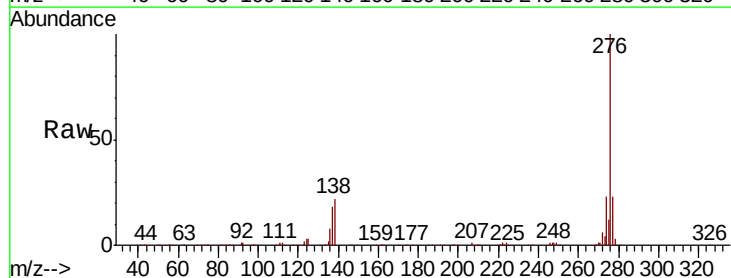
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.697 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.03 min
Lab File: BF116016.D
Acq: 6 Aug 2019 16:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.5	29.3
138	22.1	17.8	26.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

