

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116325.D
 Acq On : 16 Aug 2019 18:45
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 8/20/2019 8:36:53 AM

Quant Time: Aug 19 05:30:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	115284	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	468879	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	245797	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	416656	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	279342	20.00	ng	-0.03
87) Perylene-d12	15.44	264	260259	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	601261	87.31	ng	-0.03
7) Phenol-d6	6.46	99	721043	82.99	ng	-0.02
23) Nitrobenzene-d5	7.39	82	660958	81.37	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	194534	81.63	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1142119	87.03	ng	-0.04
79) Terphenyl-d14	12.92	244	1217795	91.86	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	140543	40.398	ng	100
3) Pyridine	3.30	79	357857	36.823	ng	99
4) n-Nitrosodimethylamine	3.26	42	139397	36.347	ng	99
6) Aniline	6.49	93	489948	39.375	ng	94
8) 2-Chlorophenol	6.61	128	331015	43.468	ng	99
9) Benzaldehyde	6.37	77	221236	36.904	ng	98
10) Phenol	6.47	94	424998	41.538	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	324816	43.180	ng	98
12) 1,3-Dichlorobenzene	6.76	146	367945	41.809	ng	99
13) 1,4-Dichlorobenzene	6.83	146	374362	42.484	ng	99
14) 1,2-Dichlorobenzene	6.99	146	346357	42.687	ng	99
15) Benzyl Alcohol	6.97	79	263645	39.984	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	430916	41.998	ng	86
17) 2-Methylphenol	7.08	107	265184	41.126	ng	98
18) Hexachloroethane	7.33	117	138449	42.674	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	225163	41.820	ng	98
20) 3+4-Methylphenols	7.23	107	336554	44.107	ng	# 88
22) Acetophenone	7.23	105	437010	42.498	ng	# 97
24) Nitrobenzene	7.40	77	366180	41.750	ng	99
25) Isophorone	7.64	82	646380	41.615	ng	98
26) 2-Nitrophenol	7.72	139	177604	42.958	ng	95
27) 2,4-Dimethylphenol	7.76	122	255855	41.133	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	412677	42.866	ng	100
29) 2,4-Dichlorophenol	7.97	162	281923	42.926	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	311436	41.600	ng	98
31) Naphthalene	8.12	128	953982	43.236	ng	99
32) Benzoic acid	7.91	122	145561m	33.192	ng	
33) 4-Chloroaniline	8.17	127	405918	41.174	ng	99
34) Hexachlorobutadiene	8.23	225	183309	42.509	ng	99
35) Caprolactam	8.55	113	83642m	39.377	ng	
36) 4-Chloro-3-methylphenol	8.66	107	287879	42.134	ng	95
37) 2-Methylnaphthalene	8.81	142	616638	42.435	ng	99
38) 1-Methylnaphthalene	8.91	142	581694	42.314	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	283958	43.213	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	92088	34.828	nq	100
43) 2,4,6-Trichlorophenol	9.10	196	173957	38.460	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	175459	37.528	nq	98
46) 1,1'-Biphenyl	9.27	154	756985	43.622	nq	97
47) 2-Chloronaphthalene	9.30	162	608861	42.156	nq	100
48) 2-Nitroaniline	9.40	65	196781	41.220	nq	98
49) Acenaphthylene	9.72	152	906368	43.015	nq	99
50) Dimethylphthalate	9.57	163	692588	41.383	nq	100
51) 2,6-Dinitrotoluene	9.64	165	151943	41.777	nq #	86
52) Acenaphthene	9.89	154	551234	42.643	nq	99
53) 3-Nitroaniline	9.82	138	176512	39.277	nq	98
54) 2,4-Dinitrophenol	9.95	184	51245	32.810	nq	95
55) Dibenzofuran	10.06	168	779961	41.490	nq	99
56) 4-Nitrophenol	9.99	139	108888	37.823	nq	99
57) 2,4-Dinitrotoluene	10.05	165	190932	39.429	nq #	89
58) Fluorene	10.40	166	641145	44.329	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	148371	37.720	nq	96
60) Diethylphthalate	10.27	149	664366	42.519	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	327053	44.649	nq	99
62) 4-Nitroaniline	10.43	138	161635	34.803	nq	99
63) Azobenzene	10.55	77	694343	43.203	nq	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	81669	36.988	nq	87
66) n-Nitrosodiphenylamine	10.51	169	549303	43.801	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	197379	44.252	nq	96
68) Hexachlorobenzene	10.96	284	222443	43.129	nq	94
69) Atrazine	11.03	200	167582	40.619	nq	99
70) Pentachlorophenol	11.16	266	89373	35.692	nq	98
71) Phenanthrene	11.36	178	921983	43.285	nq	100
72) Anthracene	11.42	178	941034	43.653	nq	99
73) Carbazole	11.57	167	853339	43.632	nq	99
74) Di-n-butylphthalate	11.89	149	1033656	45.307	nq	99
75) Fluoranthene	12.55	202	942192	42.252	nq	98
77) Benzidine	12.67	184	336833	35.691	nq	97
78) Pyrene	12.78	202	947226	44.983	nq	99
80) Butylbenzylphthalate	13.39	149	404021	45.358	nq	98
81) Benzo(a)anthracene	13.97	228	759483	42.537	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	251117	40.483	nq	99
83) Chrysene	14.00	228	745556	43.011	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	545893	47.162	nq	99
85) Di-n-octyl phthalate	14.54	149	843448	45.876	nq	100
86) Indeno(1,2,3-cd)pyrene	16.90	276	631324	43.364	nq	100
88) Benzo(b)fluoranthene	15.02	252	611417	40.630	nq	100
89) Benzo(k)fluoranthene	15.04	252	635626	43.366	nq	98
90) Benzo(a)pyrene	15.38	252	567249	42.168	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	523113	44.924	nq	98
92) Benzo(g,h,i)perylene	17.34	276	506897	44.325	nq	98

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

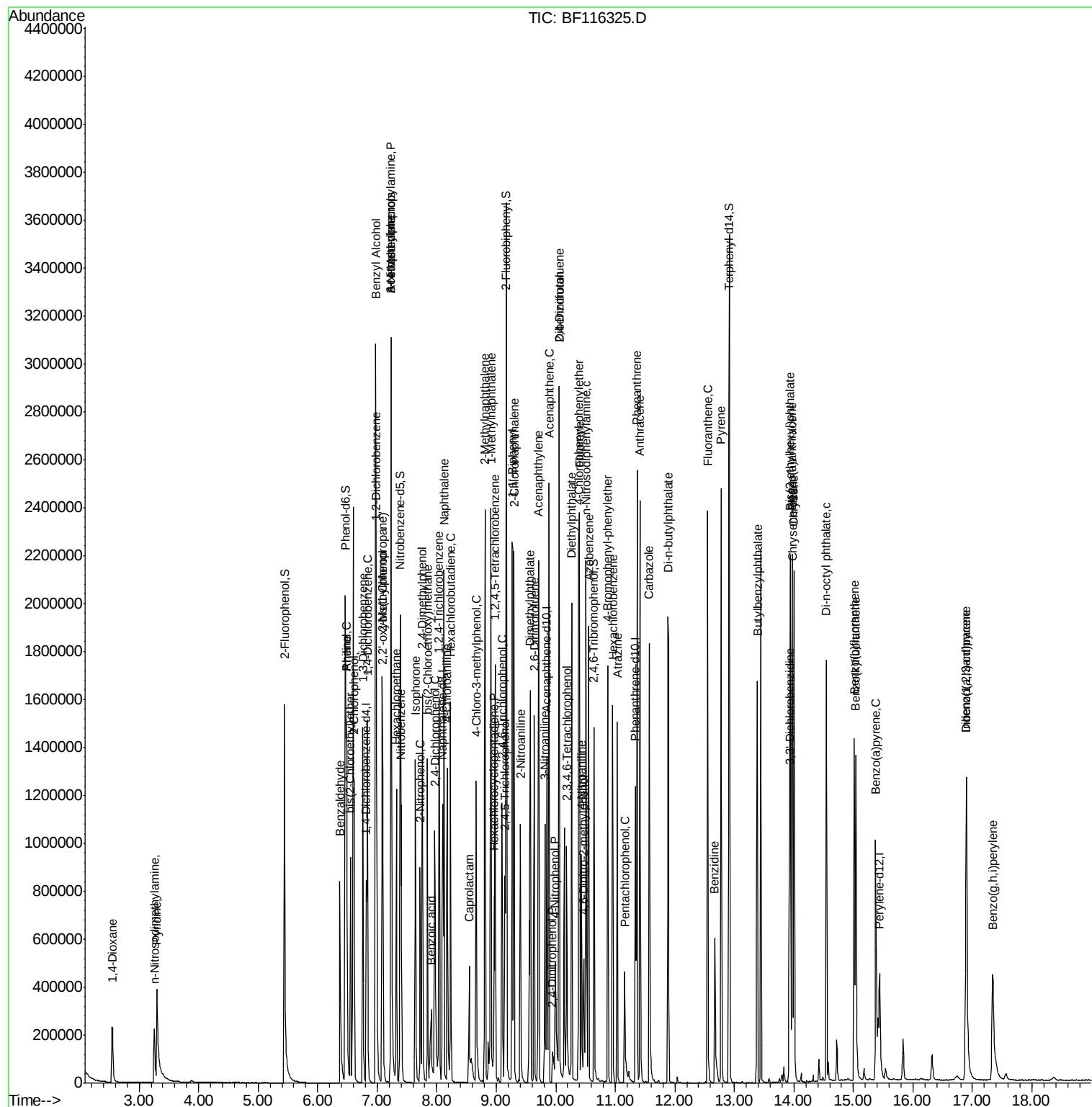
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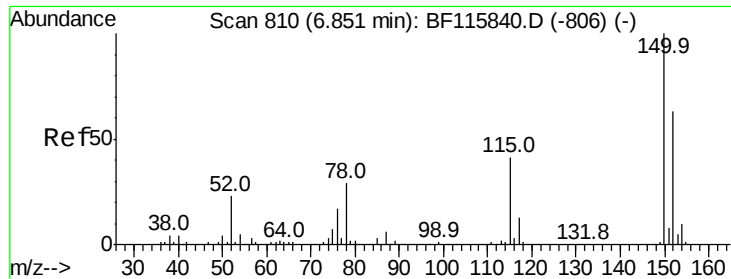
Instrument :
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 Client Sample ID :
 SSTDCCC040

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#1

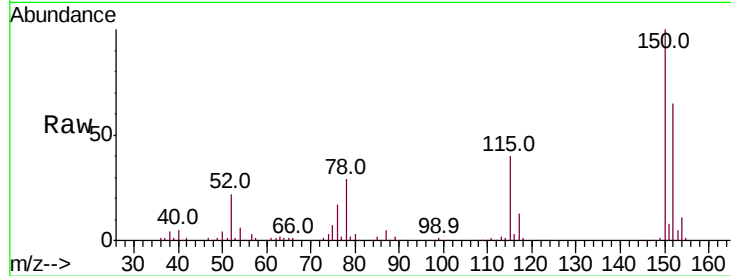
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.2	189.2
115	61.9	49.9	74.9

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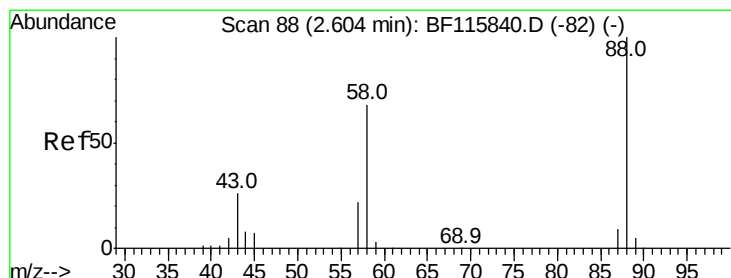
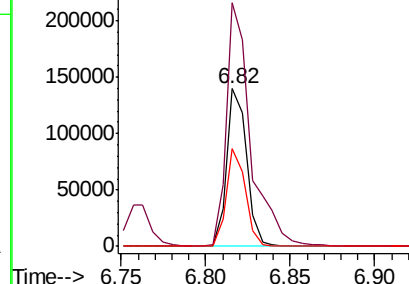
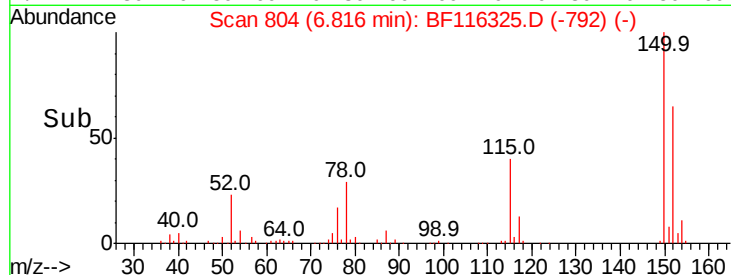


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

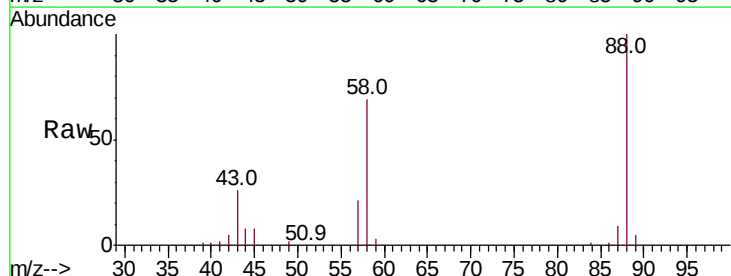
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.398 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.06 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.0	53.7	80.5
43	25.6	21.0	31.4

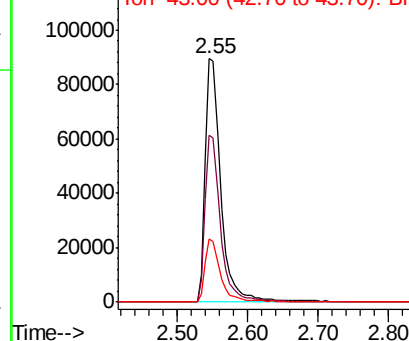
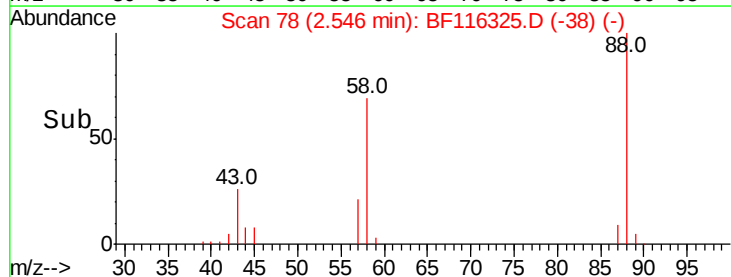


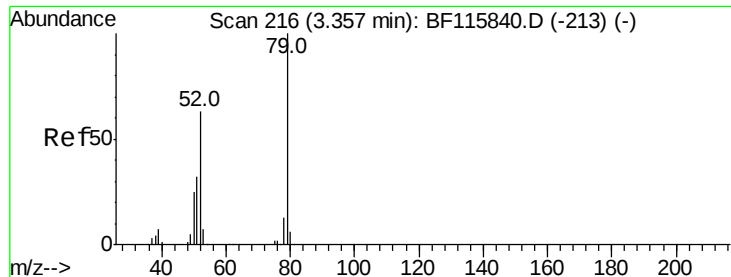
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.823 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.06 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

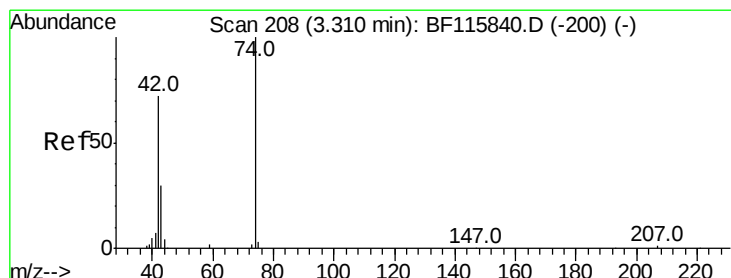
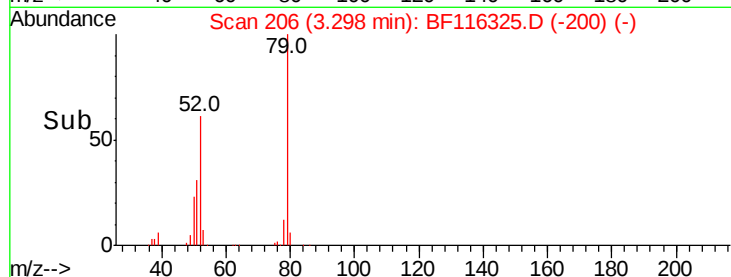
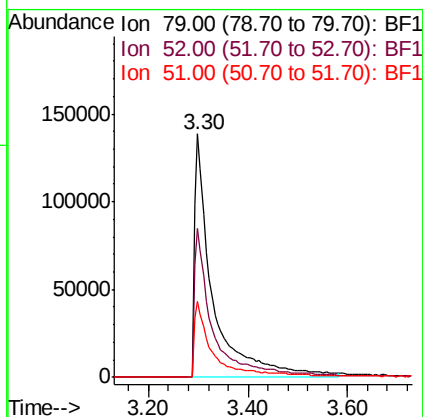
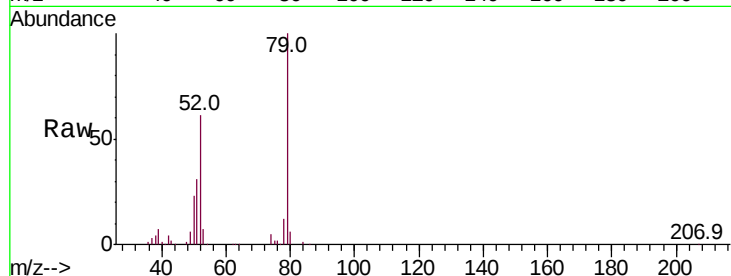
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	357857
Ion Ratio	Lower	Upper	
79	100		
52	61.0	49.8	74.8
51	31.1	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 36.347 ng

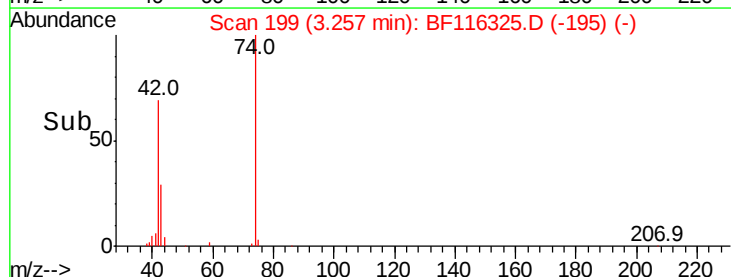
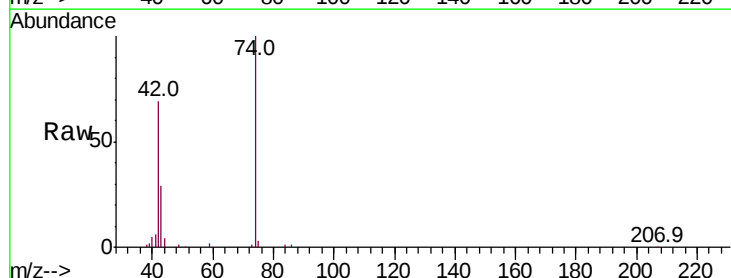
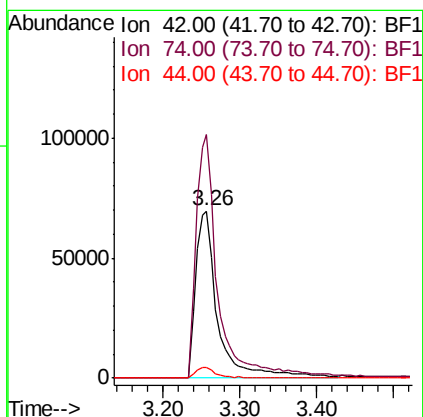
RT: 3.26 min Scan# 199

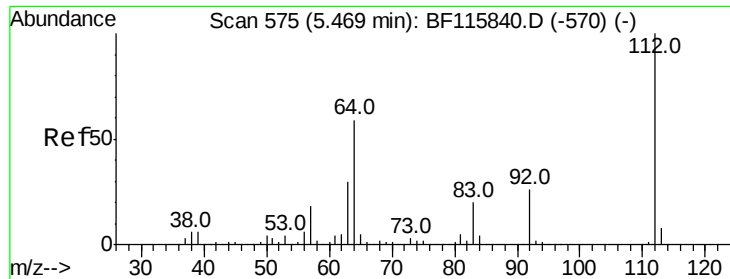
Delta R.T. -0.08 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Tgt Ion:	42	Resp:	139397
Ion Ratio	Lower	Upper	
42	100		
74	145.6	116.0	174.0
44	6.4	4.6	7.0





#5

2-Fluorophenol

Concen: 87.310 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

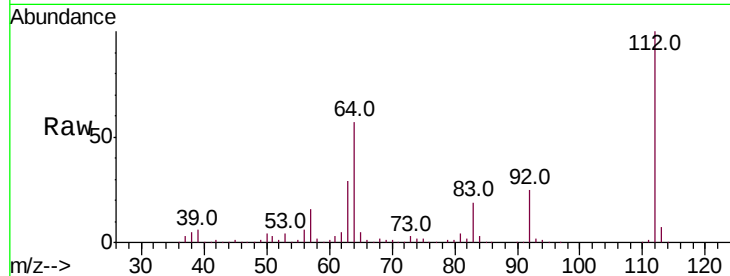
ClientSampleId :

SSTDCCC040

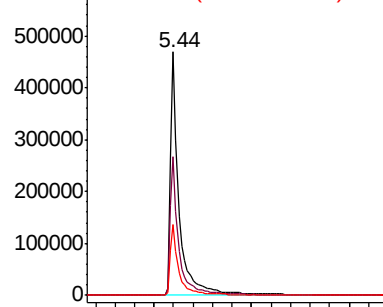
Tot Ion:	112	Resp:	601261
Ion Ratio	Lower	Upper	
112	100		
64	57.0	45.4	68.2
63	29.2	23.7	35.5

Manual Integrations
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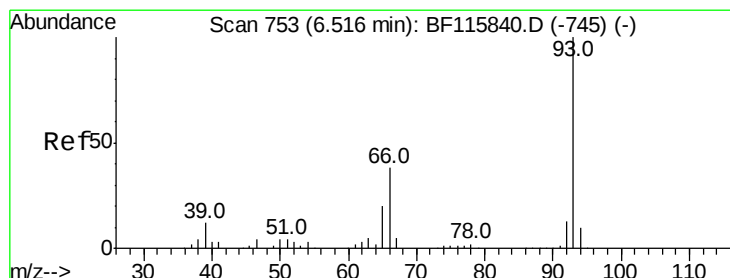
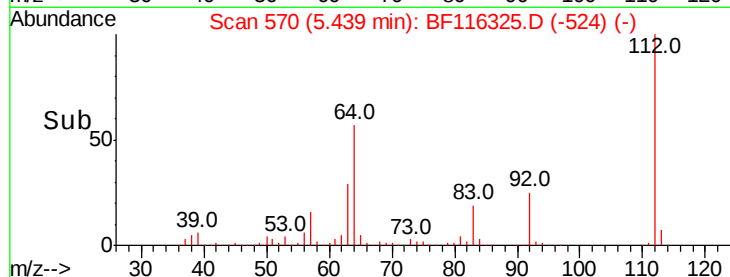
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Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->



#6

Aniline

Concen: 39.375 ng

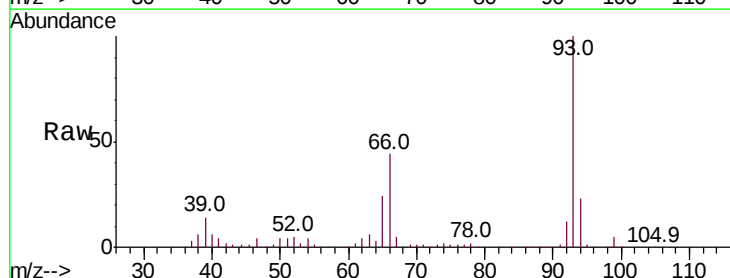
RT: 6.49 min Scan# 748

Delta R.T. -0.03 min

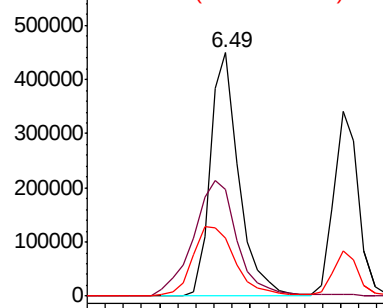
Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

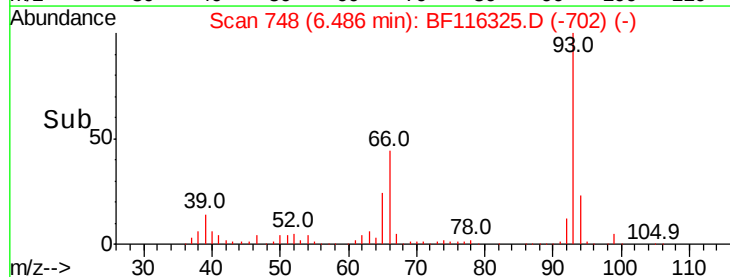
Tgt Ion:	93	Resp:	489948
Ion Ratio	Lower	Upper	
93	100		
66	43.8	32.2	48.4
65	23.8	17.0	25.6

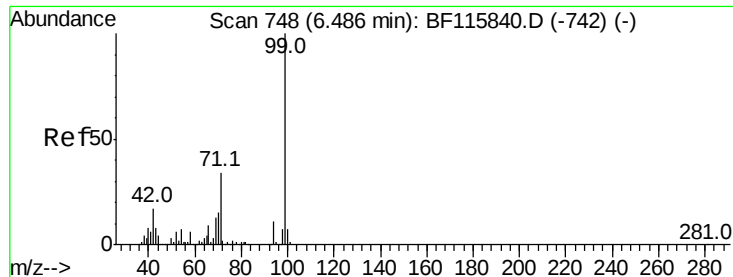


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



Time-->





#7

Phenol-d6

Concen: 82.988 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

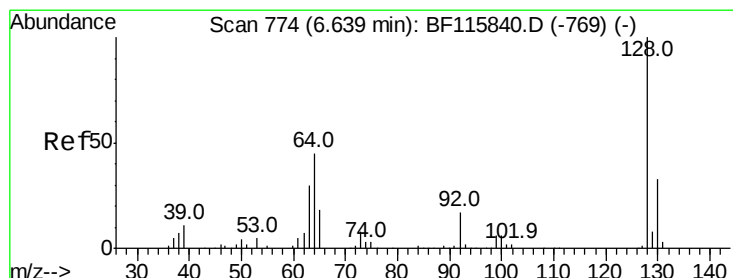
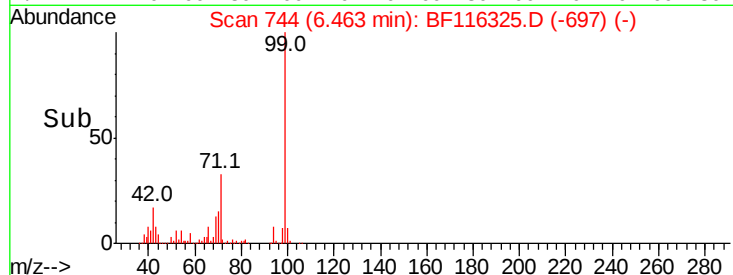
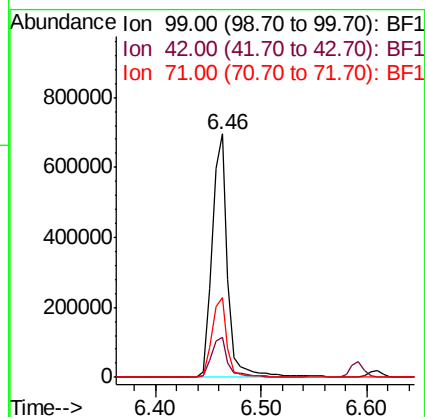
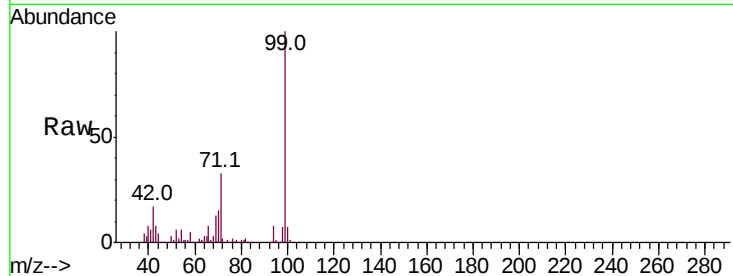
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	721043
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.8	20.8
71	32.7	27.3	40.9

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#8

2-Chlorophenol

Concen: 43.468 ng

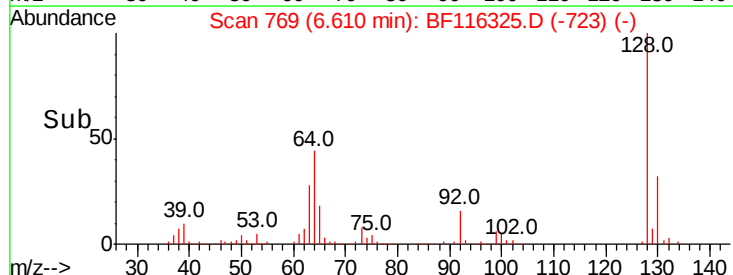
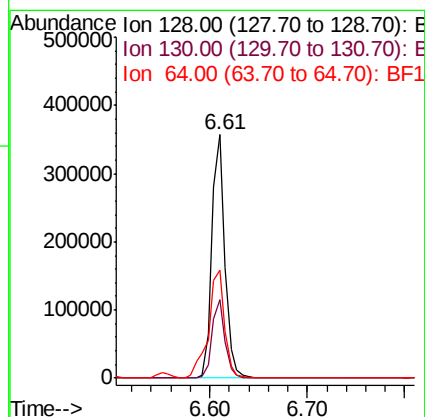
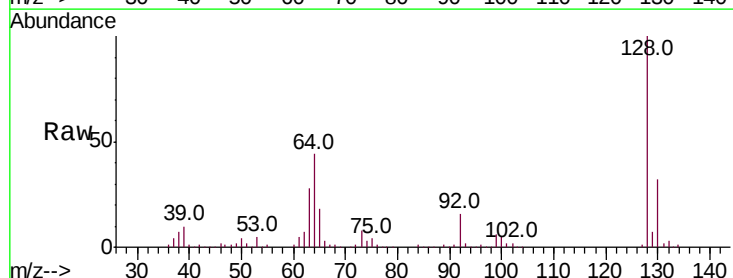
RT: 6.61 min Scan# 769

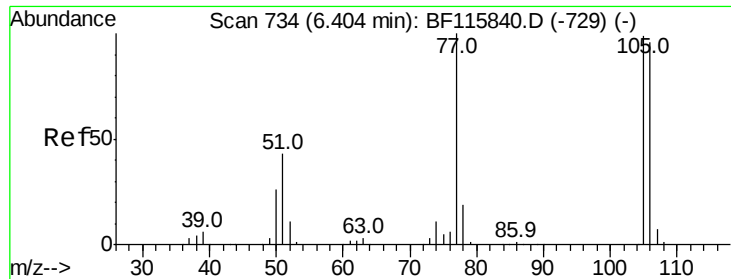
Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Tgt Ion:	128	Resp:	331015
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.9	52.9
64	44.3	24.3	64.3





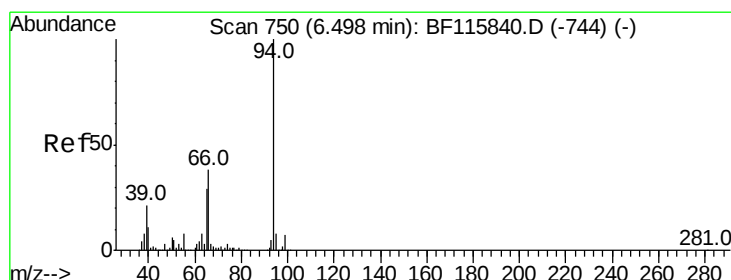
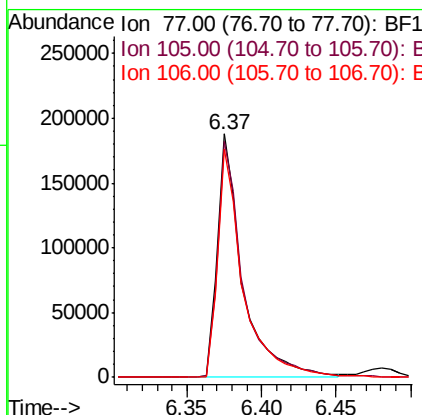
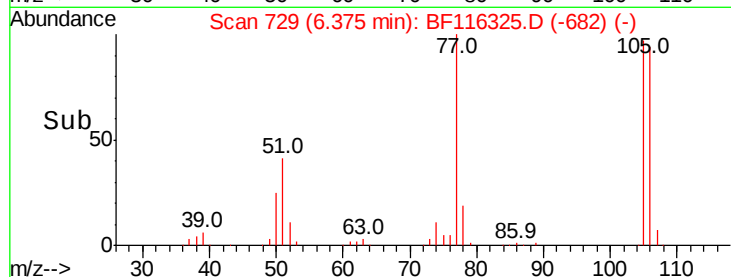
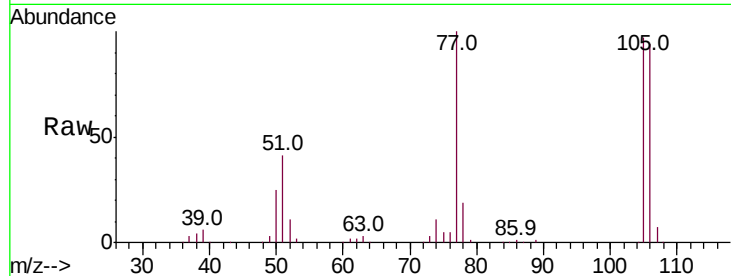
#9
Benzaldehyde
Concen: 36.904 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.7	79.2	119.2
106	93.6	74.3	114.3

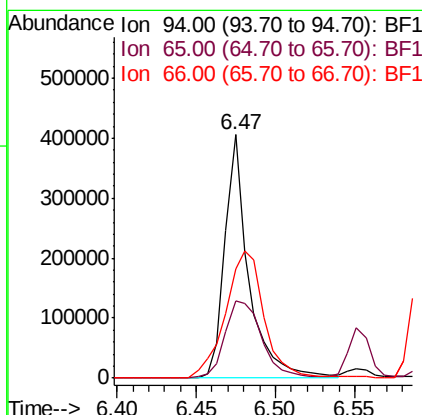
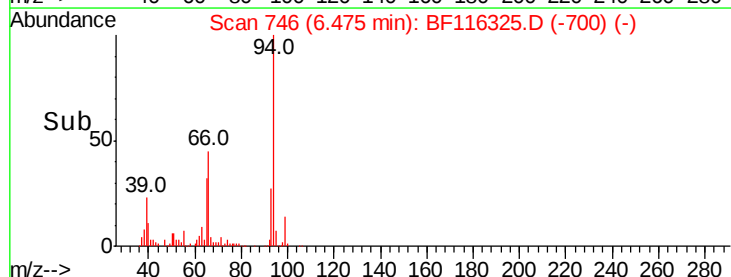
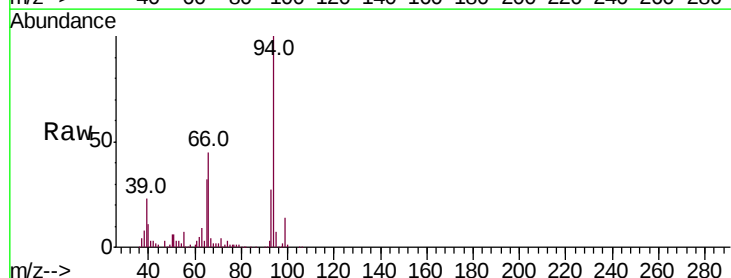
Manual Integrations
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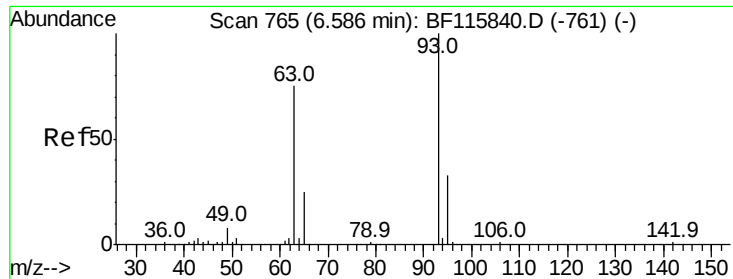
mohammad
8/20/2019 8:36:53 AM



#10
Phenol
Concen: 41.538 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.8	16.8	56.8
66	45.0	34.2	74.2





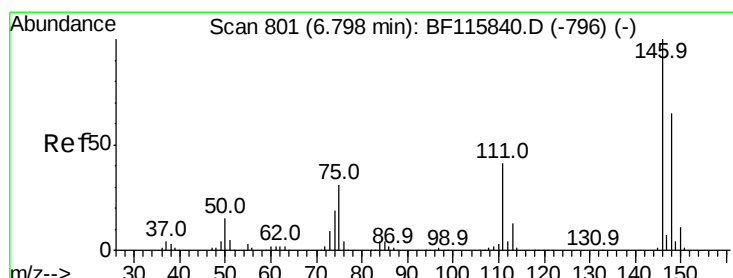
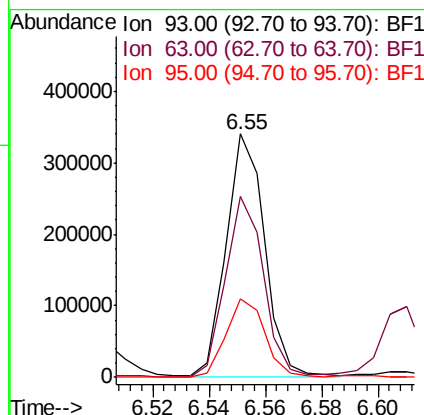
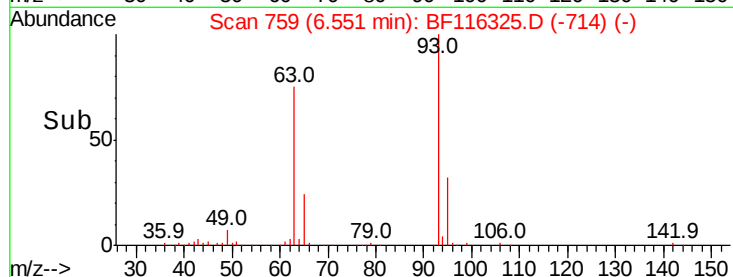
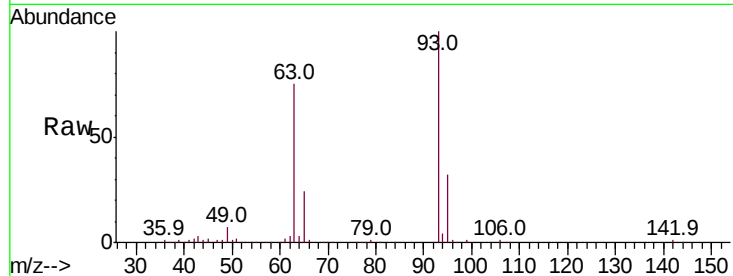
#11
bis(2-Chloroethyl)ether
Concen: 43.180 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	74.5	51.9	91.9	
95	32.5	13.0	53.0	

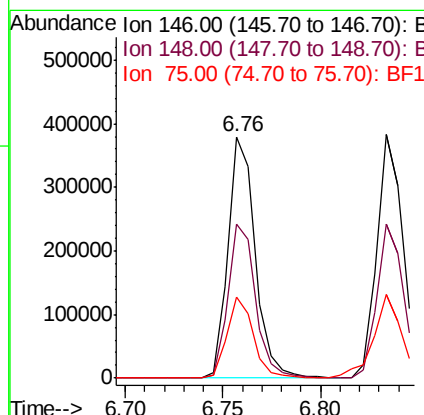
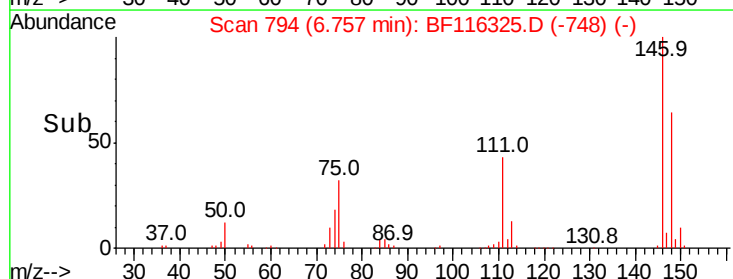
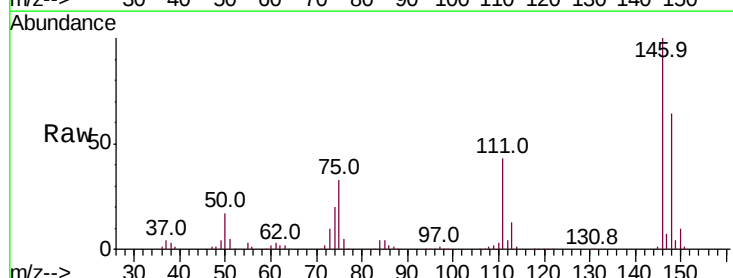
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APPROVED

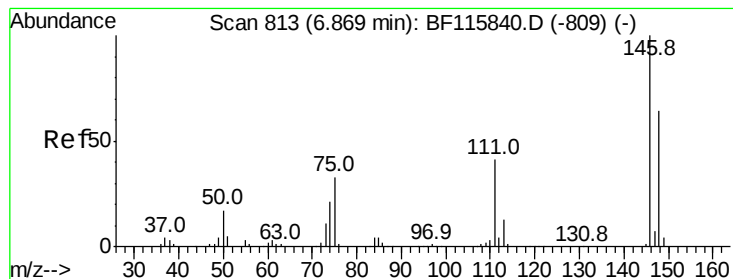
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.809 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.0	51.3	76.9	
75	33.4	27.4	41.2	





#13

1,4-Dichlorobenzene

Concen: 42.484 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

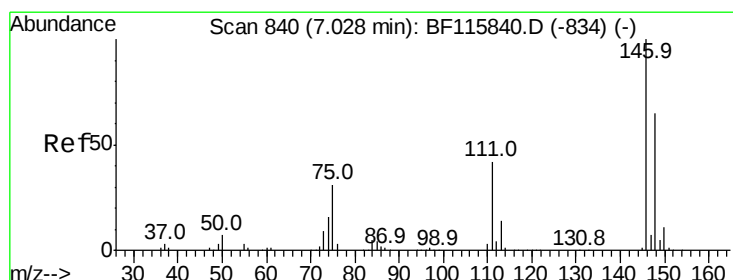
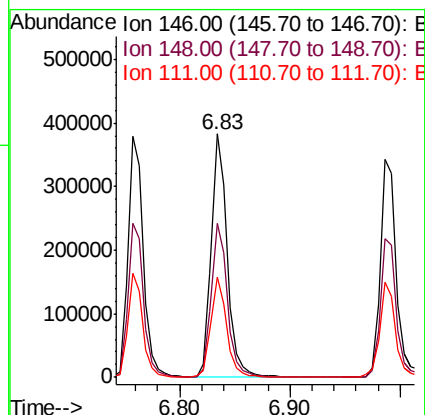
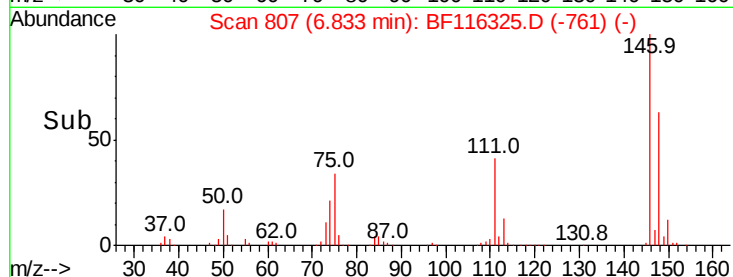
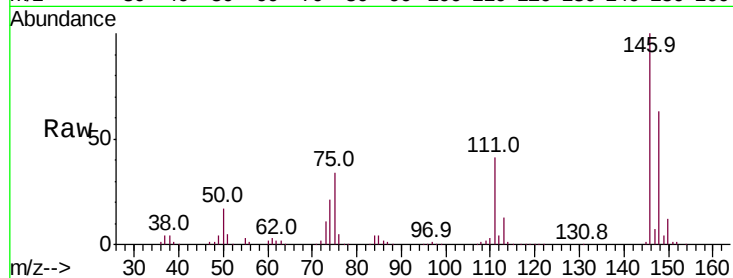
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	374362
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.3	76.9
111	41.1	34.0	51.0

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#14

1,2-Dichlorobenzene

Concen: 42.687 ng

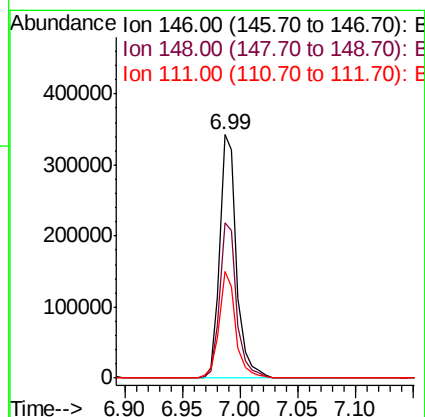
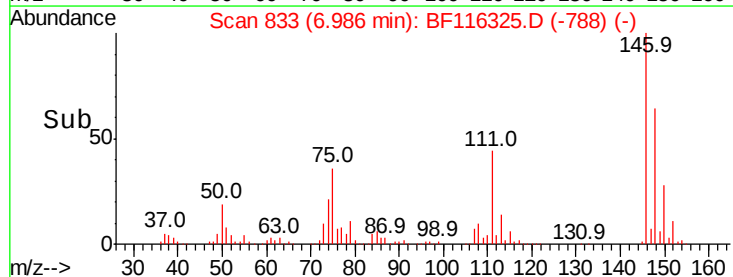
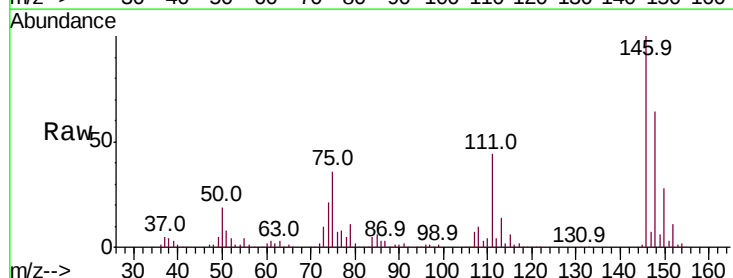
RT: 6.99 min Scan# 833

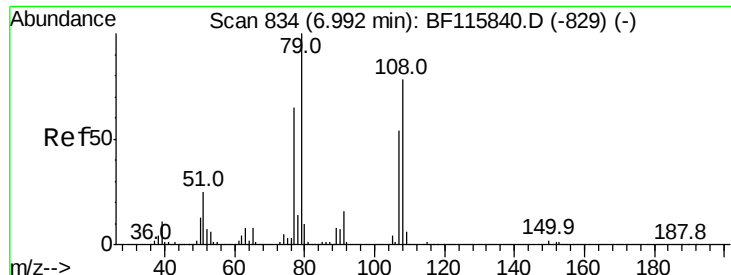
Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Tgt Ion:	146	Resp:	346357
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.2	76.8
111	43.7	33.5	50.3





#15

Benzyl Alcohol

Concen: 39.984 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

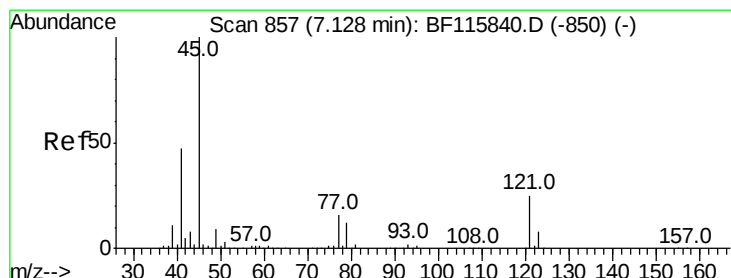
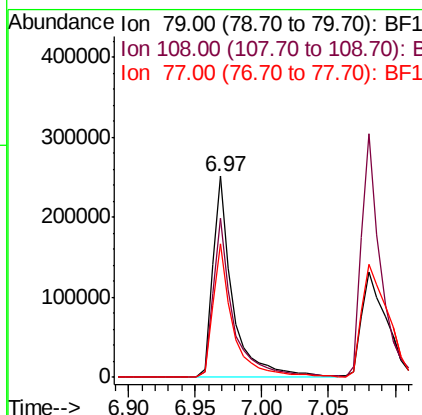
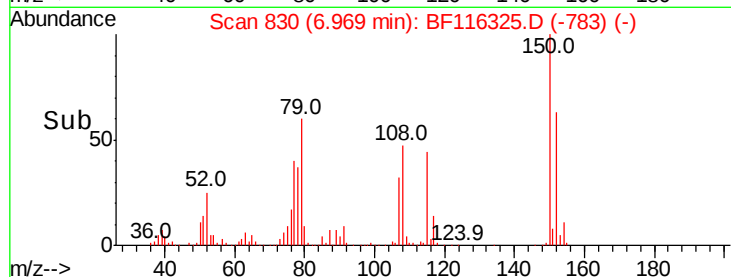
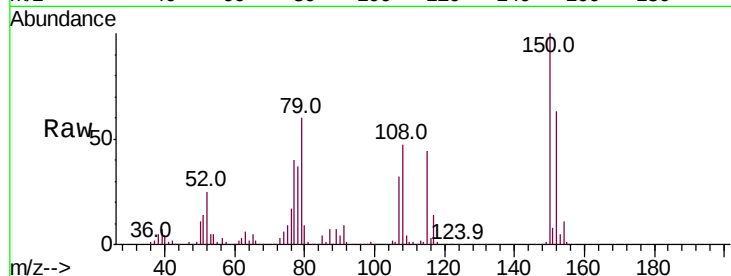
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	263645
Ion Ratio	Lower	Upper	
79	100		
108	79.0	62.7	94.1
77	66.3	52.2	78.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.998 ng

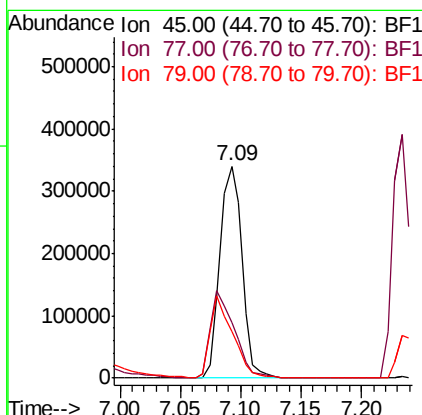
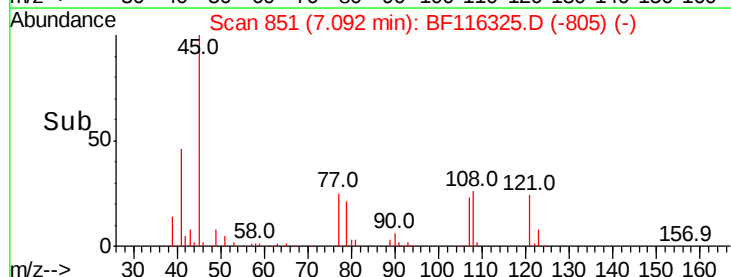
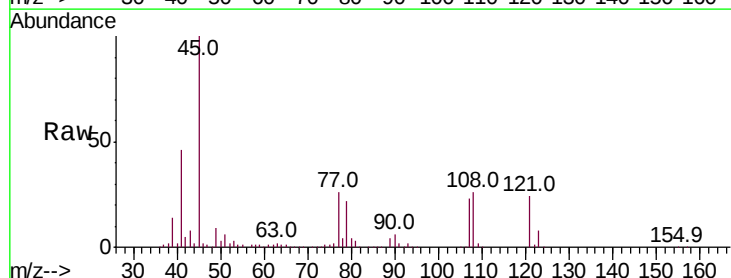
RT: 7.09 min Scan# 851

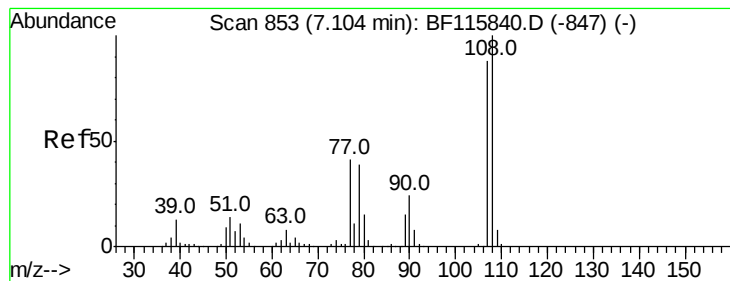
Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Tgt Ion:	45	Resp:	430916
Ion Ratio	Lower	Upper	
45	100		
77	26.0	0.0	40.0
79	22.2	0.0	35.9





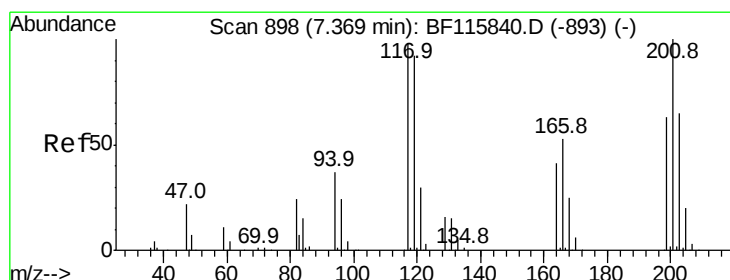
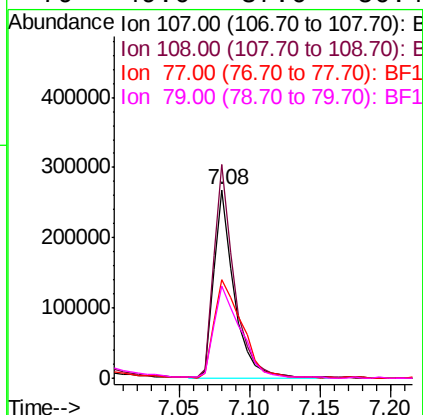
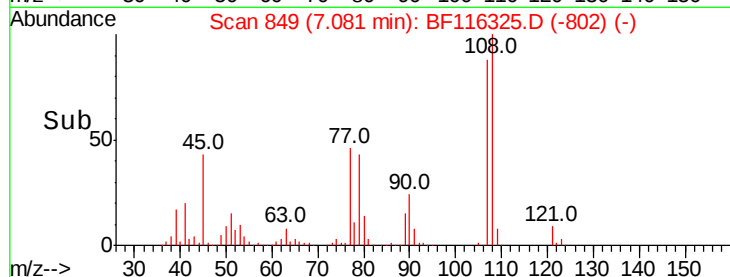
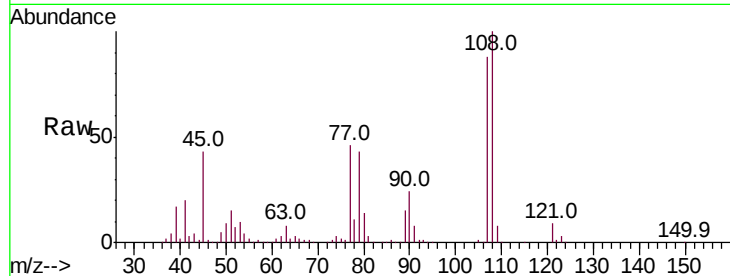
#17
2-Methylphenol
Concen: 41.126 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	265184		
108	113.4	91.2	136.8	
77	52.6	40.3	60.5	
79	49.0	37.6	56.4	

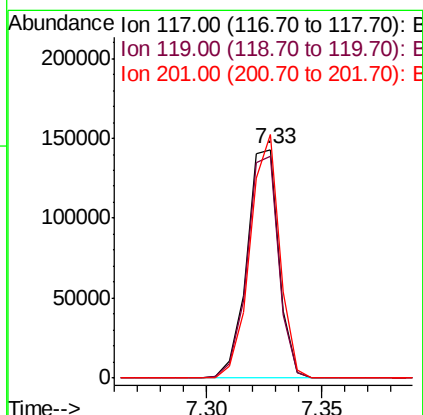
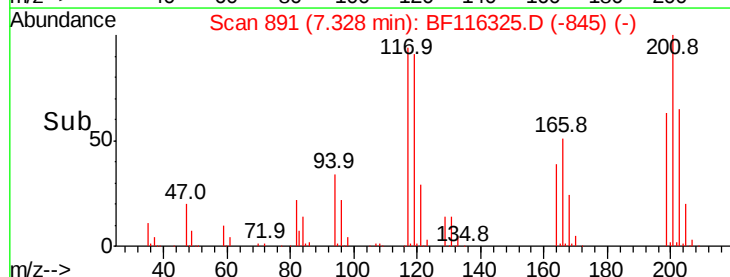
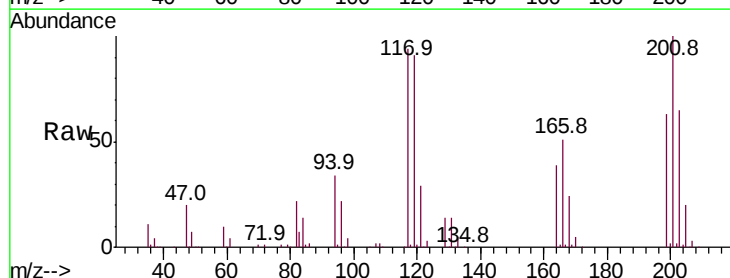
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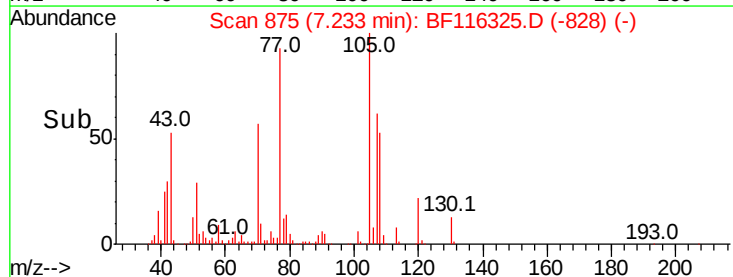
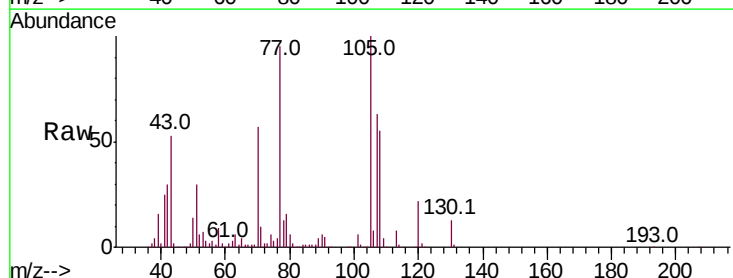
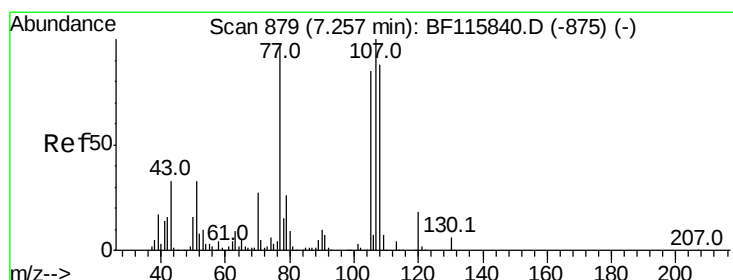
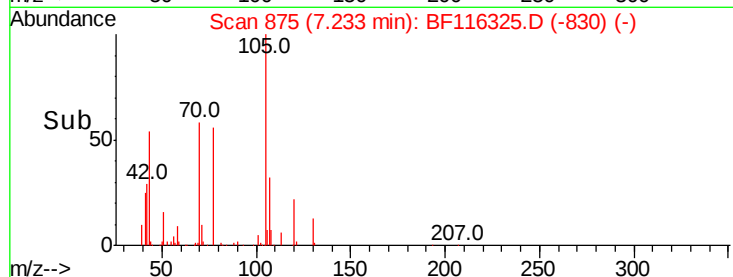
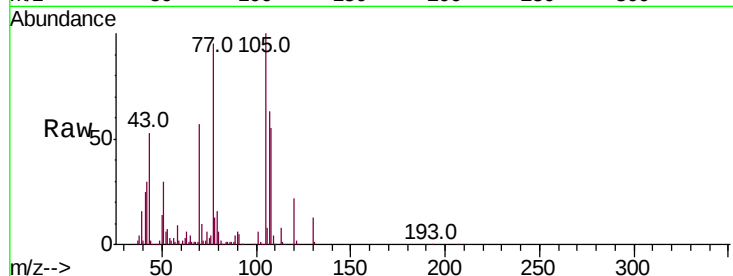
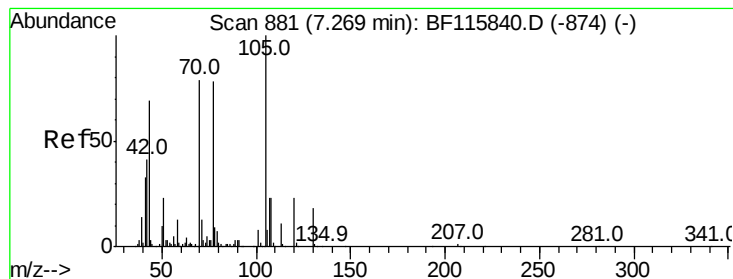
mohammad
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#18
Hexachloroethane
Concen: 42.674 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	138449		
119	96.7	76.1	114.1	
201	106.4	77.0	115.4	





#19

n-Nitroso-di-n-propylamine

Concen: 41.820 ng

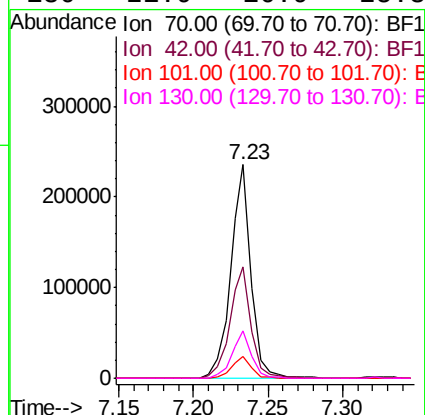
RT: 7.23 min Scan# 875

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		225163		
42	52.3	40.9	61.3		
101	10.0	7.9	11.9		
130	21.9	16.9	25.3		



Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

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#20

3+4-Methylphenols

Concen: 44.107 ng

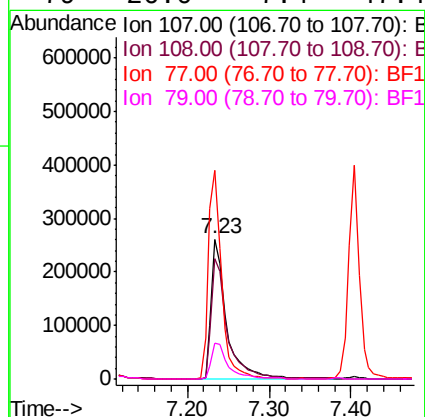
RT: 7.23 min Scan# 875

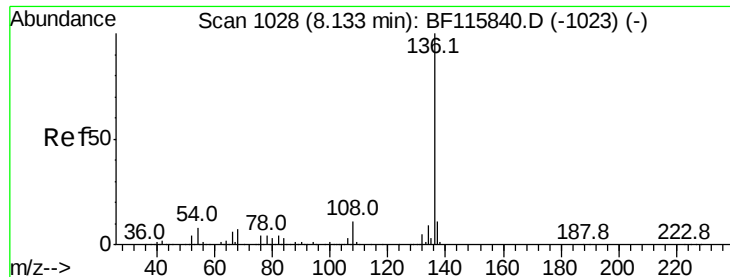
Delta R.T. -0.02 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		336554		
108	86.1	67.6	107.6		
77	149.6	104.4	144.4#		
79	26.0	7.4	47.4		





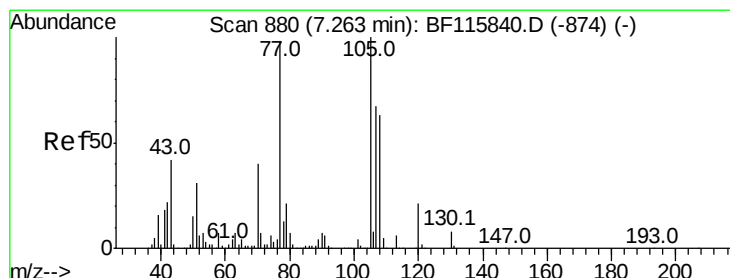
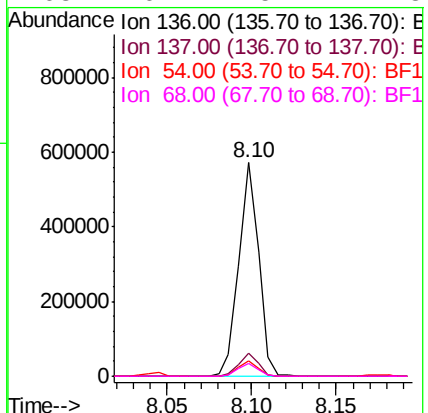
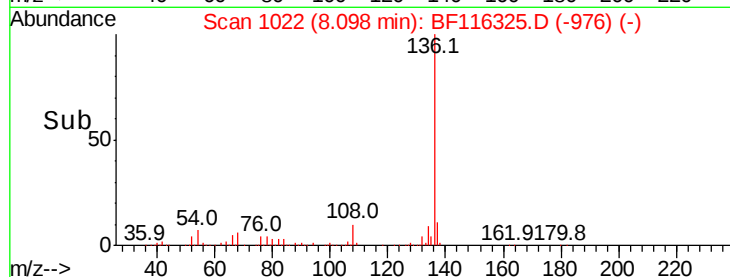
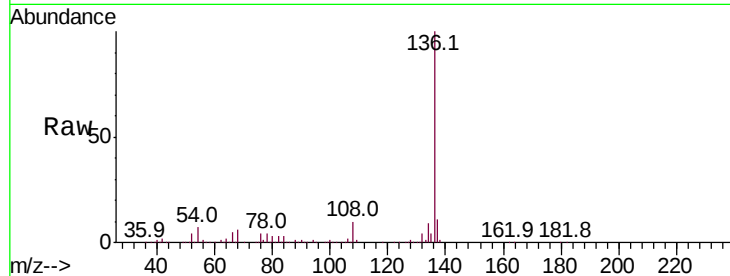
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.0	13.4	
54	7.3	5.8	8.6	
68	6.2	5.2	7.8	

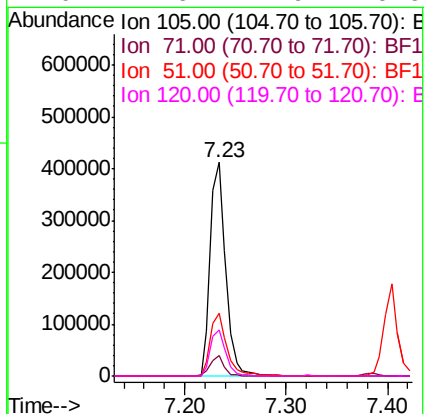
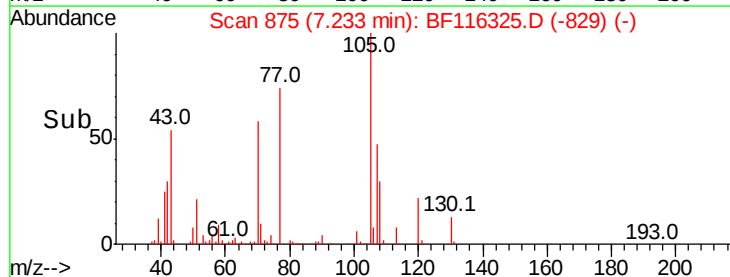
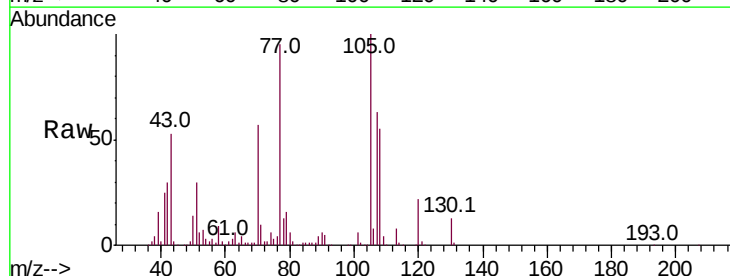
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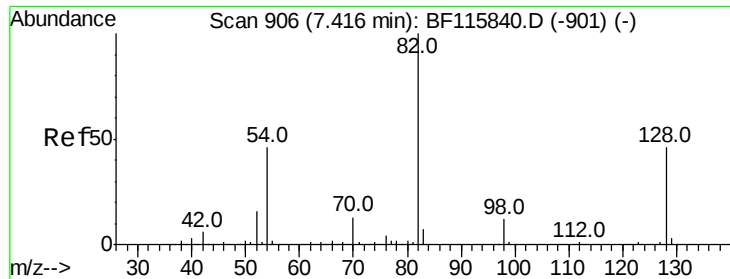
mohammad
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#22
Acetophenone
Concen: 42.498 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.7	5.9	8.9#	
51	29.5	25.3	37.9	
120	21.6	17.9	26.9	





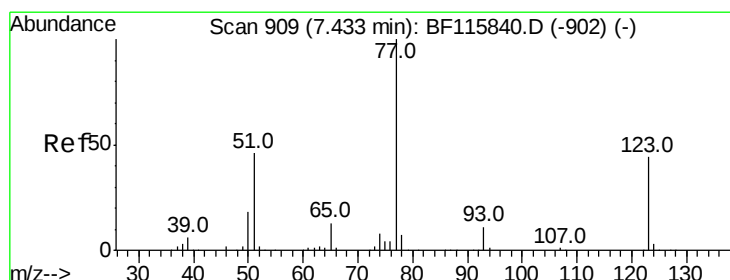
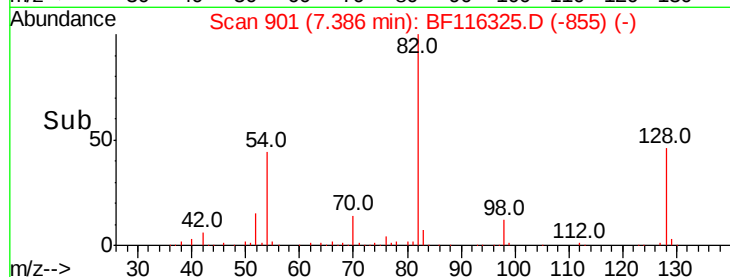
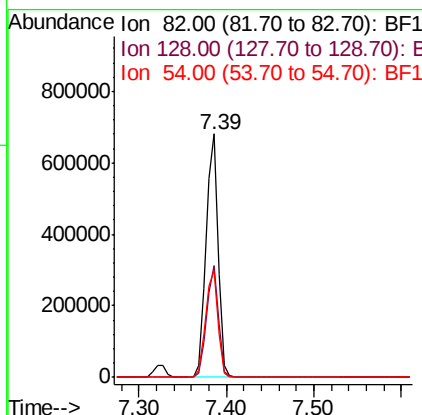
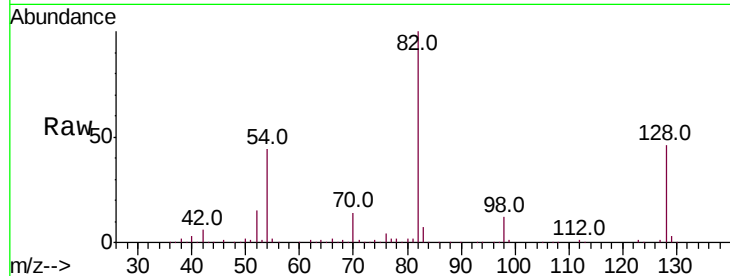
#23
Nitrobenzene-d5
Concen: 81.370 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.5	54.7
54	43.9	36.0	54.0

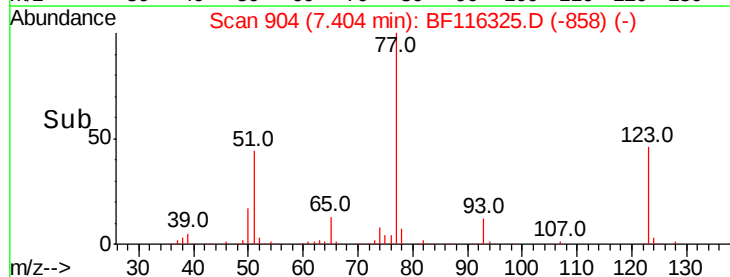
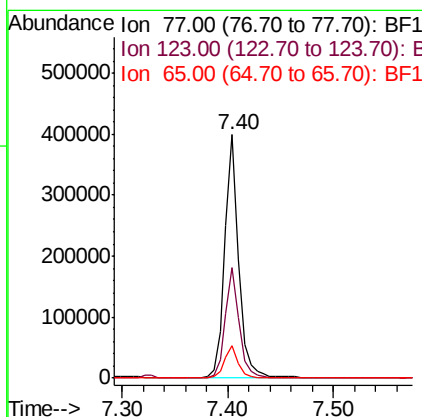
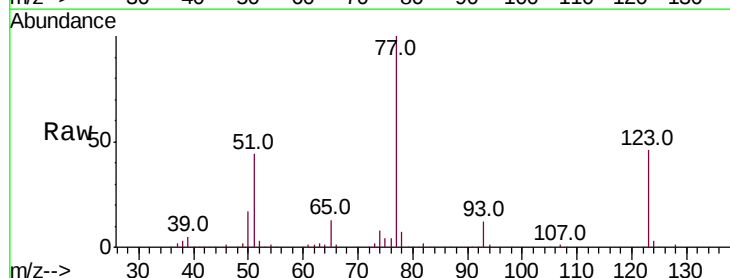
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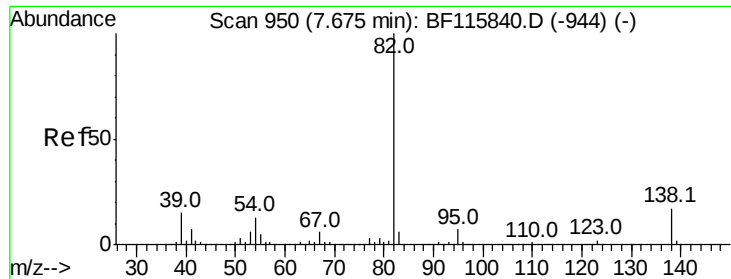
mohammad
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#24
Nitrobenzene
Concen: 41.750 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	36.7	55.1
65	13.2	10.6	16.0





#25

Isophorone

Concen: 41.615 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

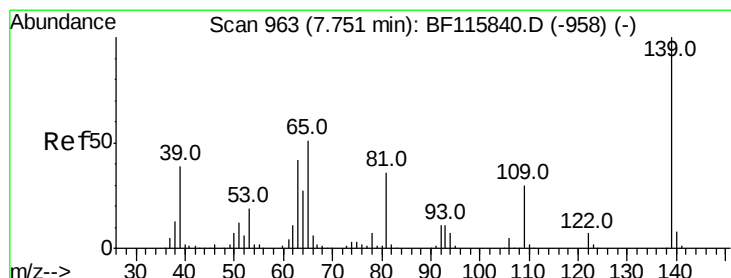
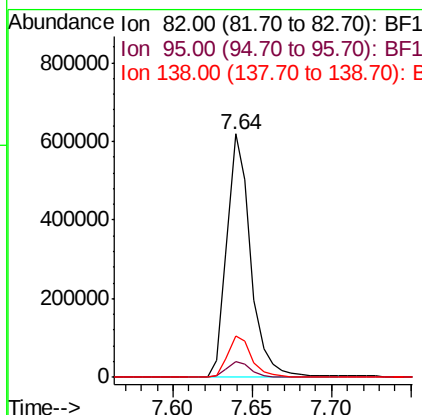
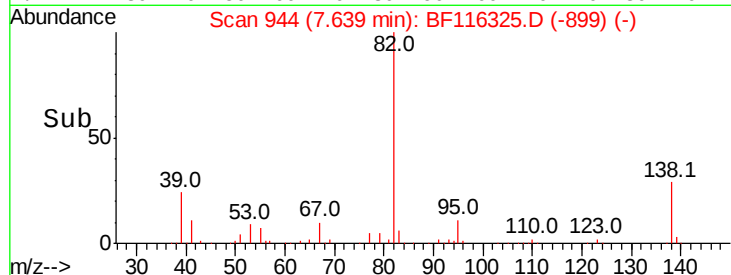
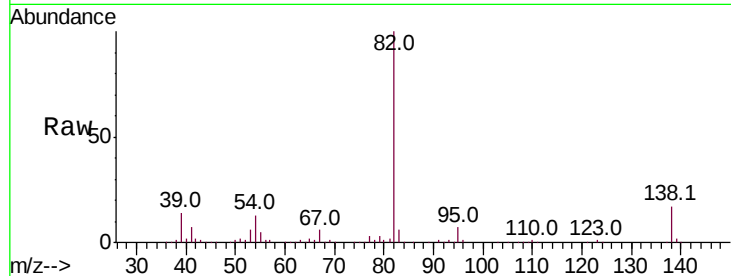
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	646380
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.4	8.0
138	17.1	14.5	21.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.958 ng

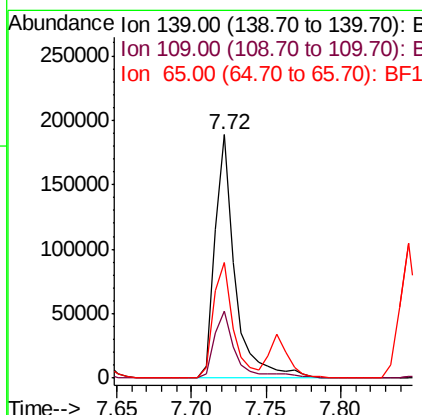
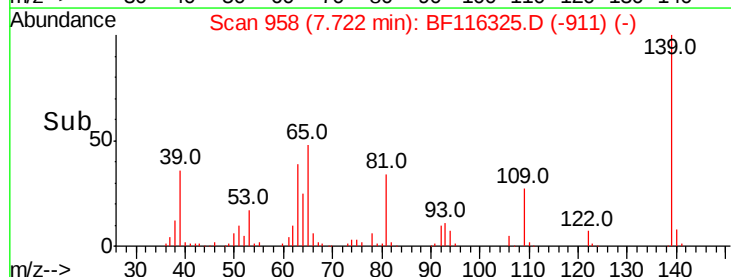
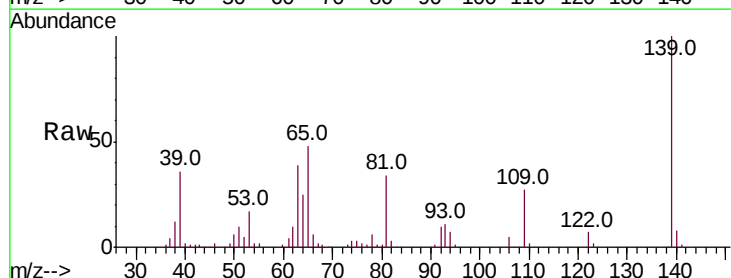
RT: 7.72 min Scan# 958

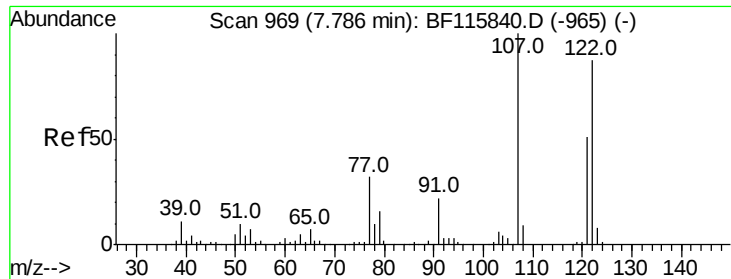
Delta R.T. -0.02 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Tgt Ion:	139	Resp:	177604
Ion Ratio	Lower	Upper	
139	100		
109	27.4	23.4	35.2
65	47.7	41.1	61.7





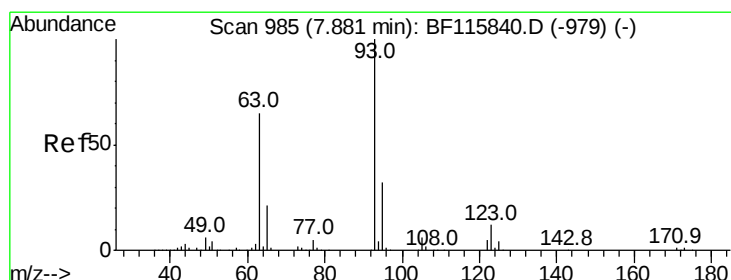
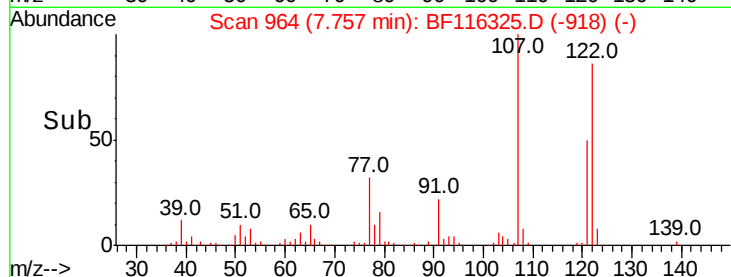
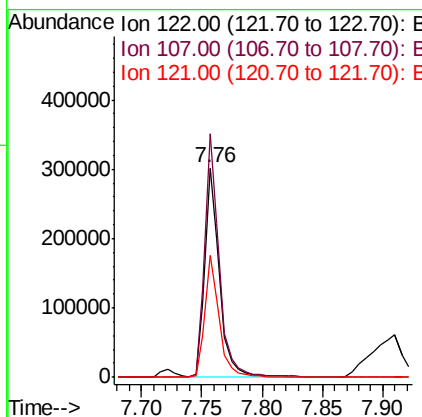
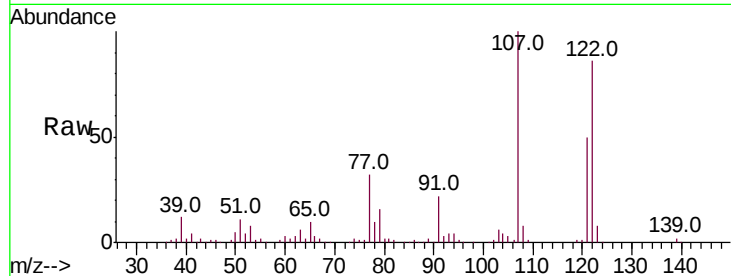
#27
2,4-Dimethylphenol
Concen: 41.133 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	255855		
107	116.2	93.0	139.6	
121	58.2	47.6	71.4	

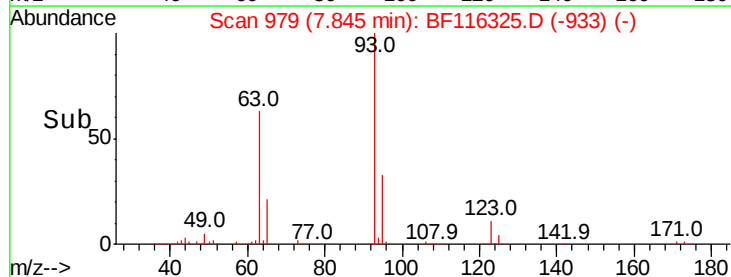
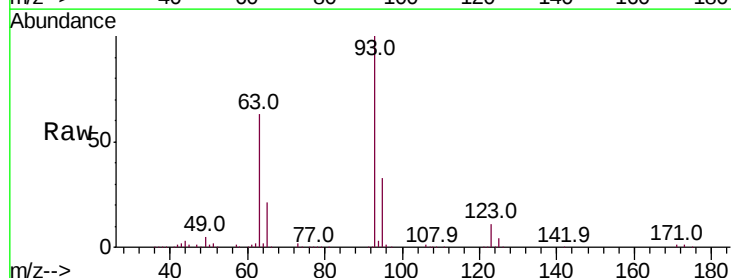
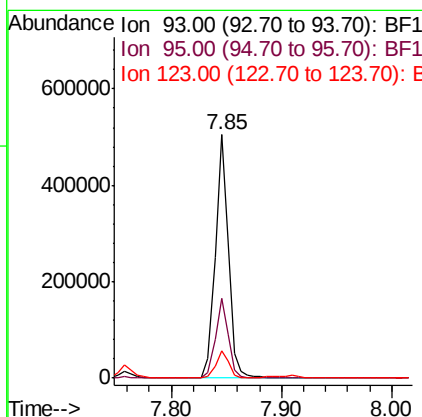
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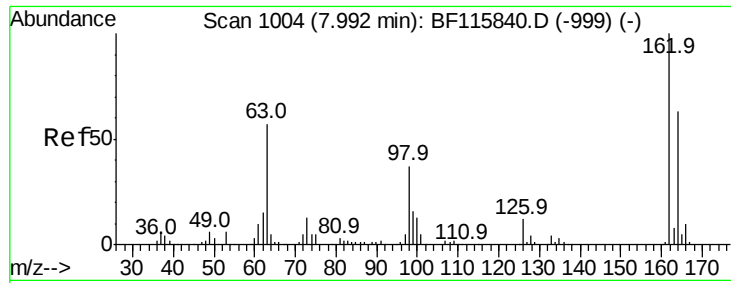
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.866 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	412677		
95	32.9	26.2	39.4	
123	11.3	9.2	13.8	





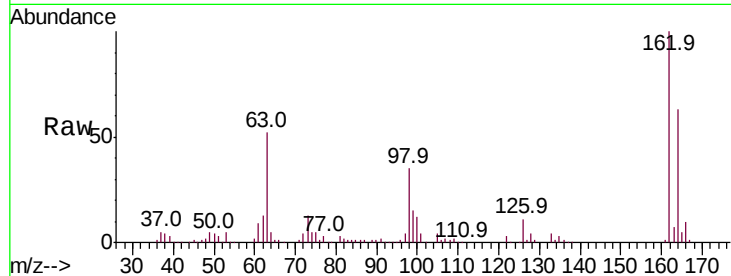
#29
 2,4-Dichlorophenol
 Concen: 42.926 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.0	45.1	85.1
98	35.2	15.8	55.8

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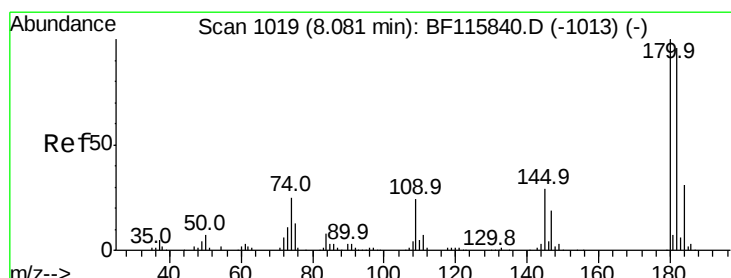
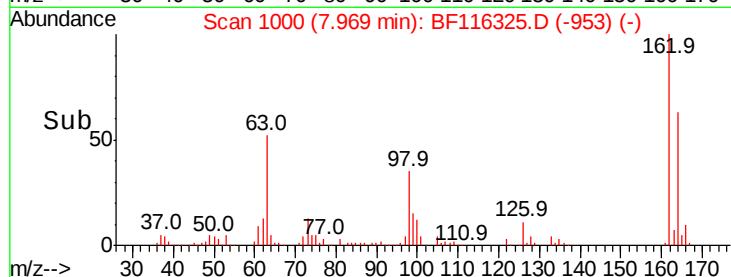
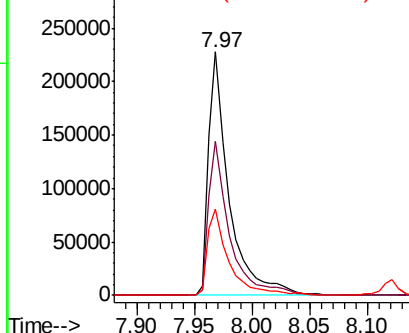


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.600 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

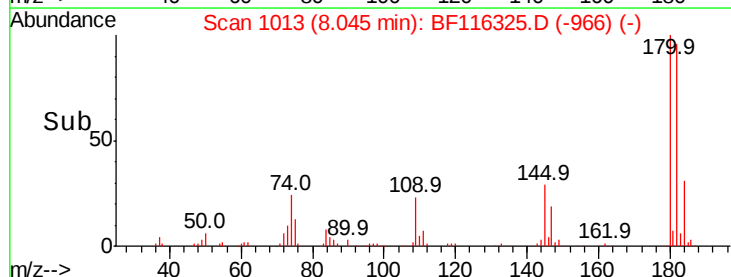
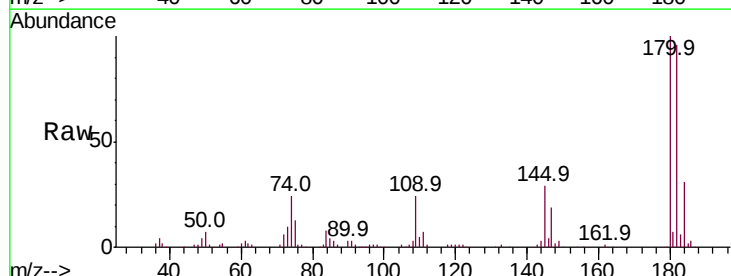
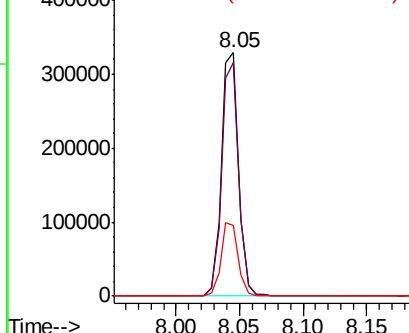
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.0	75.7	113.5
145	29.0	24.3	36.5

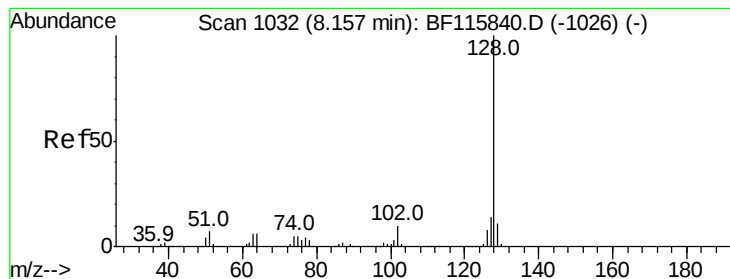
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.236 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

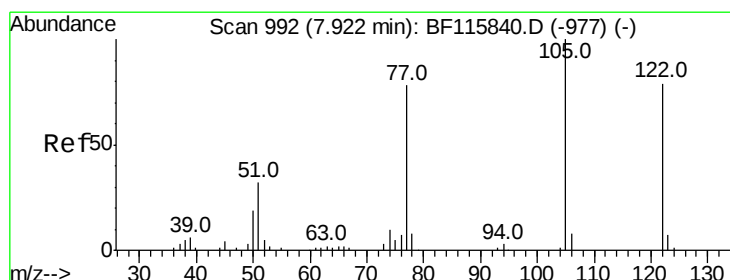
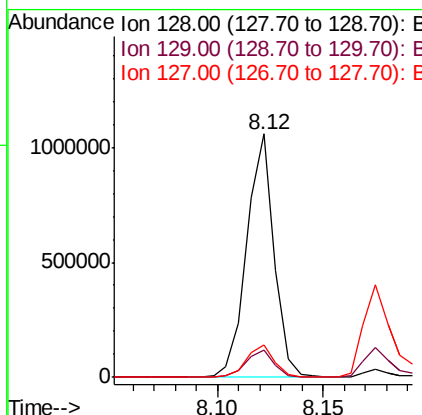
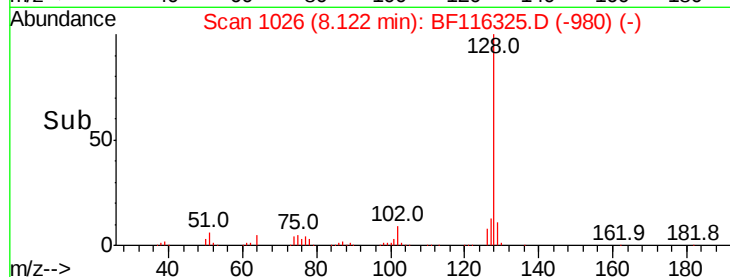
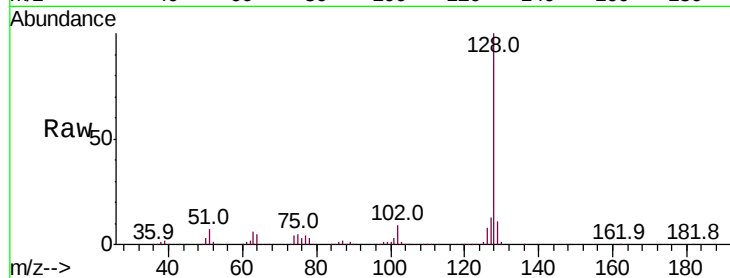
ClientSampled :

SSTDCCC040

Tot Ion:	128	Resp:	953982
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.3	13.9
127	13.5	11.4	17.0

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#32

Benzoic acid

Concen: 33.192 ng m

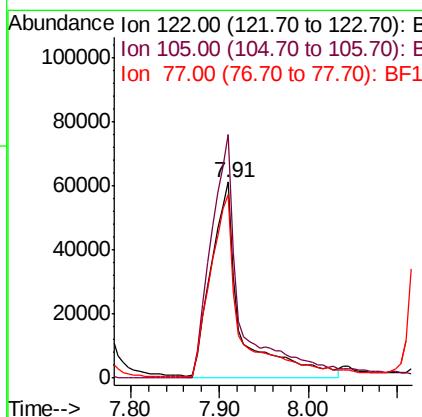
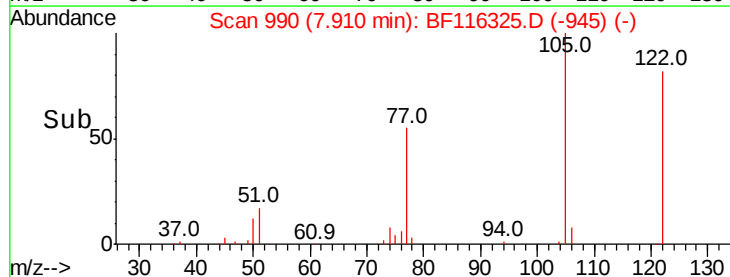
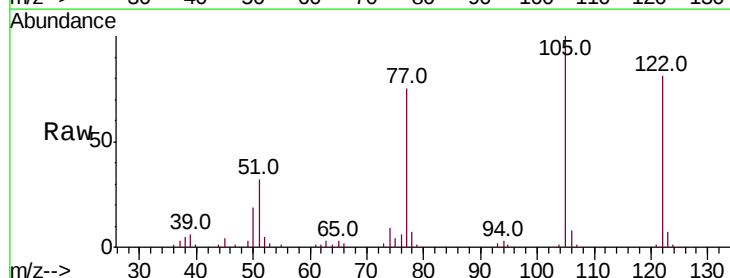
RT: 7.91 min Scan# 990

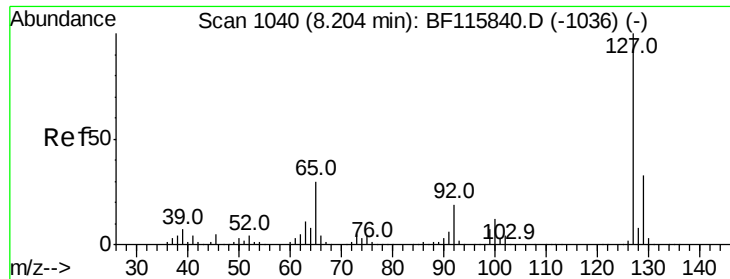
Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Tgt Ion:	122	Resp:	145561
Ion Ratio	Lower	Upper	
122	100		
105	124.2	106.1	146.1
77	93.5	76.7	116.7





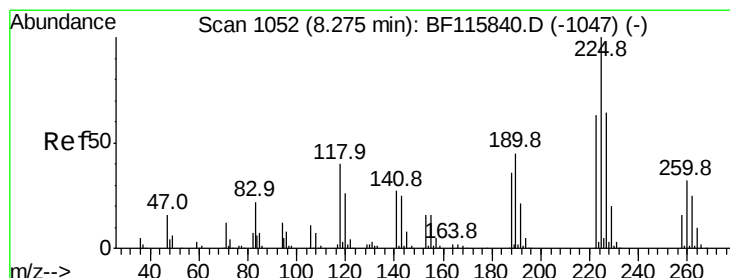
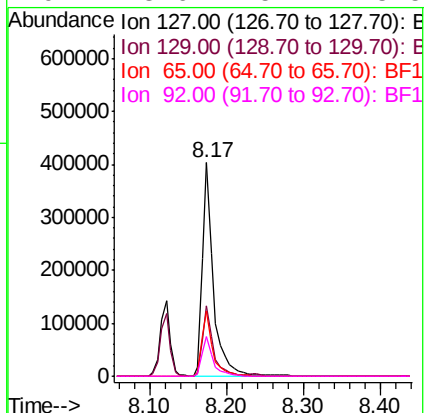
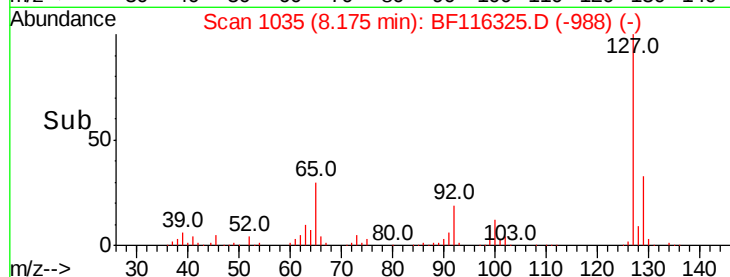
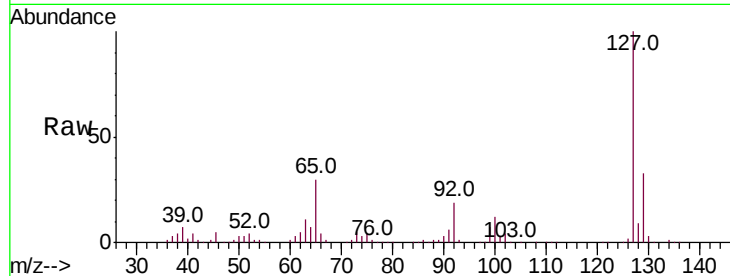
#33
4-Chloroaniline
Concen: 41.174 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	30.4	24.9	37.3
92	18.6	15.7	23.5

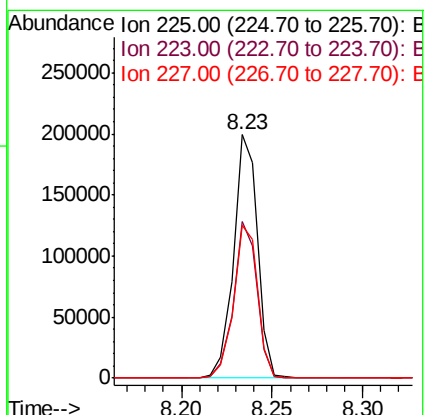
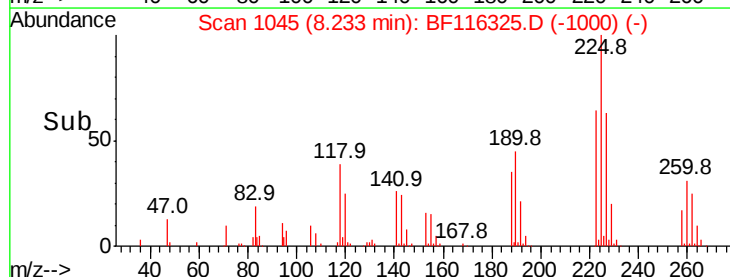
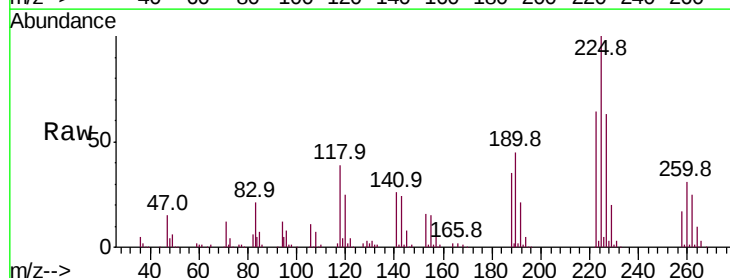
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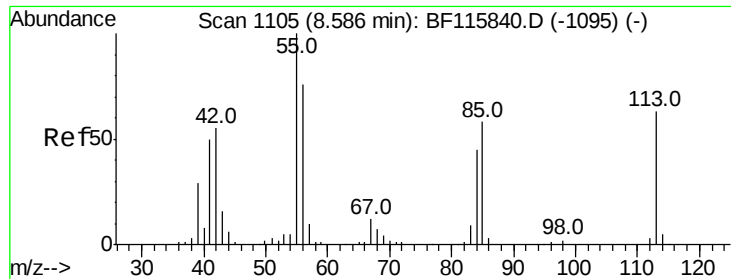
mohammad
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#34
Hexachlorobutadiene
Concen: 42.509 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.0	75.0
227	63.0	51.0	76.4





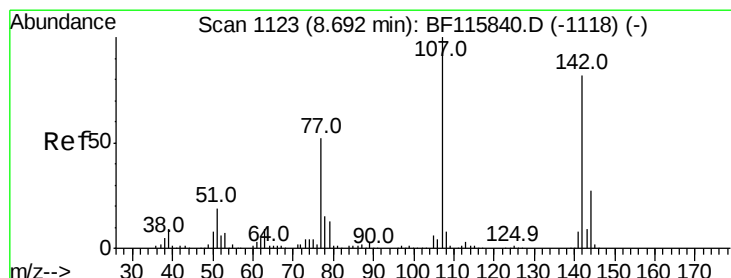
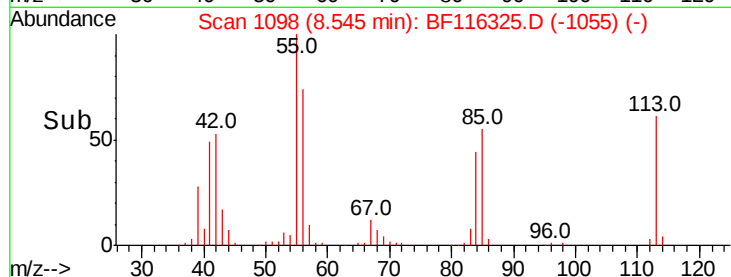
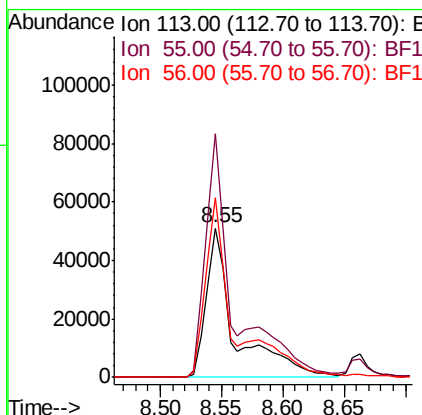
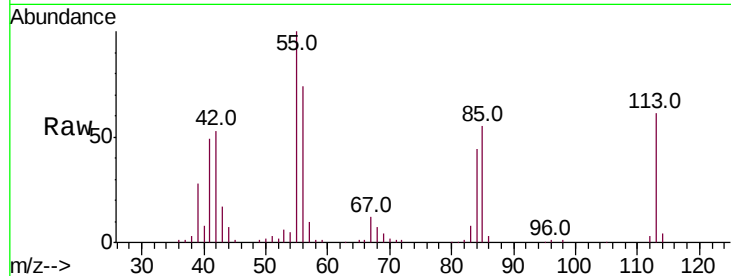
#35
 Caprolactam
 Concen: 39.377 ng/ml
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.05 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.0	144.3	184.3
56	120.0	97.1	137.1

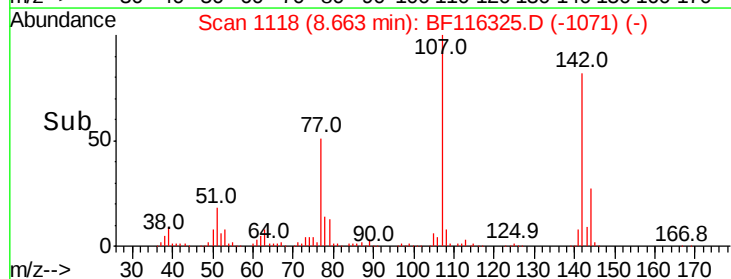
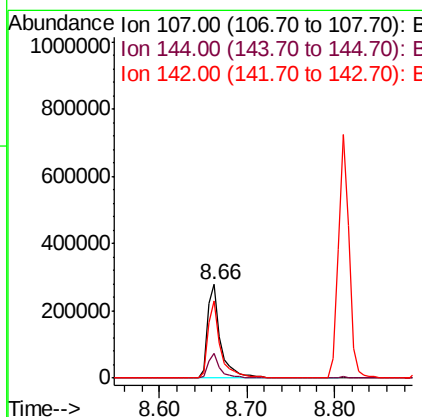
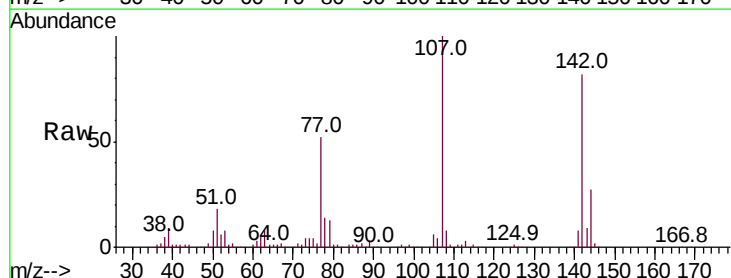
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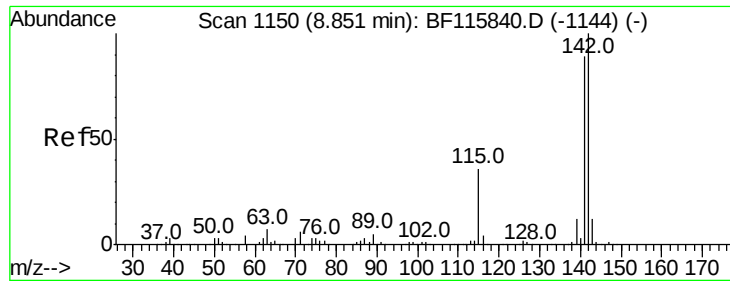
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 42.134 ng/ml
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.2	30.2
142	82.1	61.7	92.5





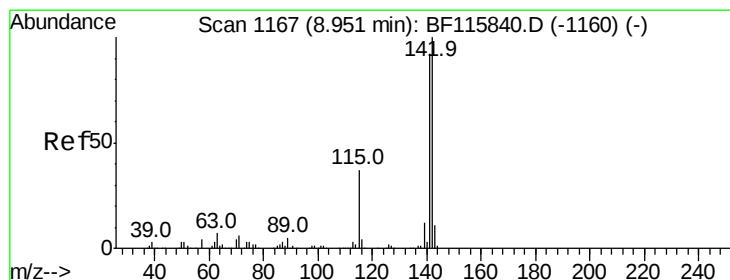
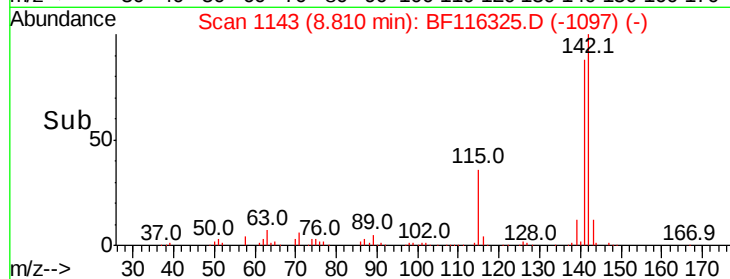
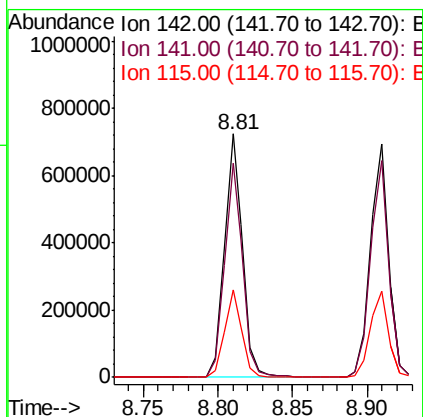
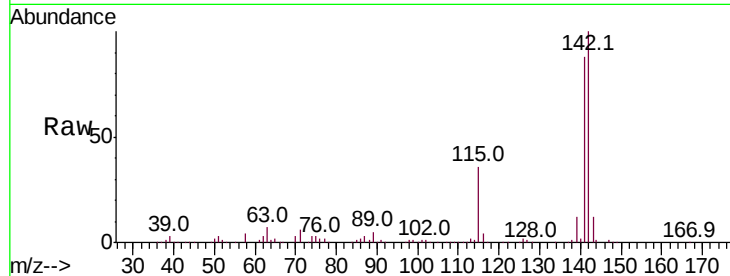
#37
2-Methylnaphthalene
Concen: 42.435 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.9	106.3
115	35.7	29.0	43.6

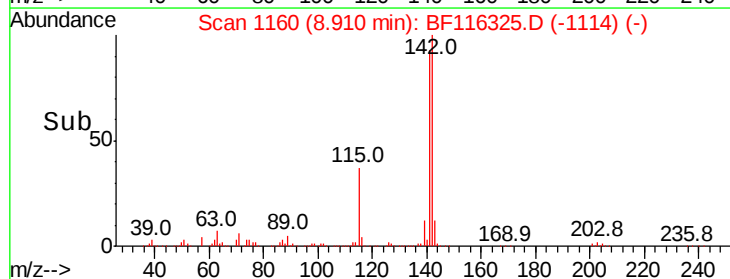
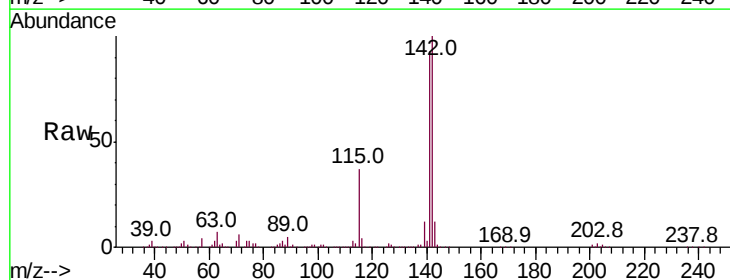
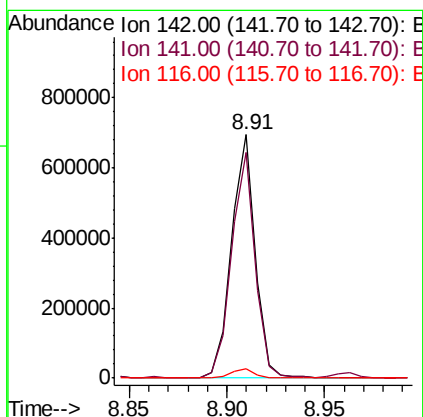
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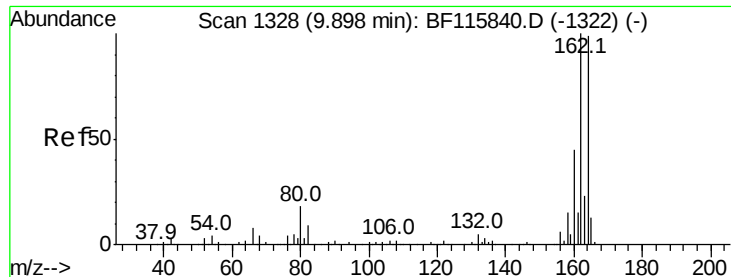
mohammad
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#38
1-Methylnaphthalene
Concen: 42.314 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.4	111.6
116	3.8	3.1	4.7





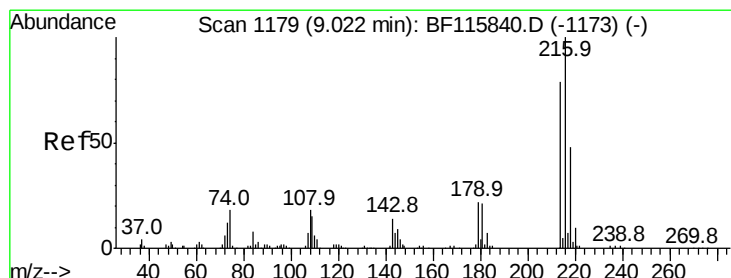
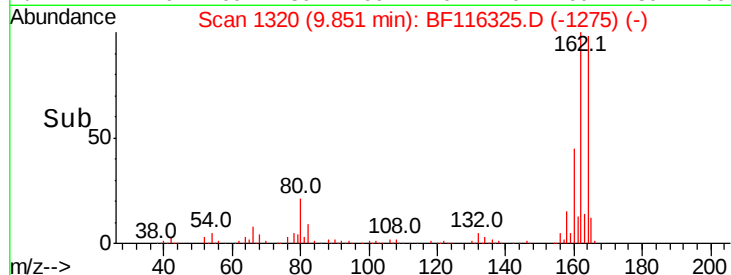
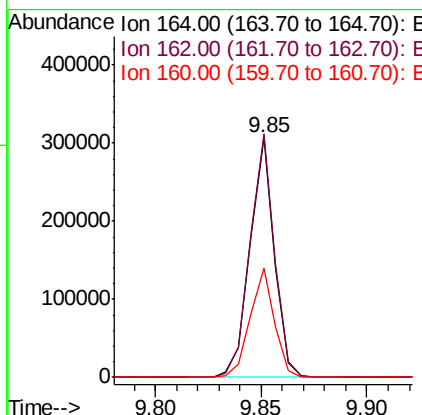
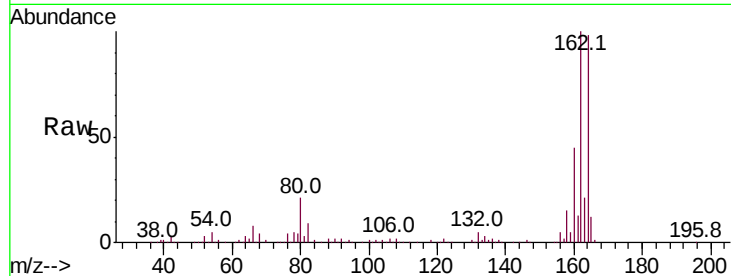
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100	245797		
162	101.8	82.6	124.0	
160	45.5	37.6	56.4	

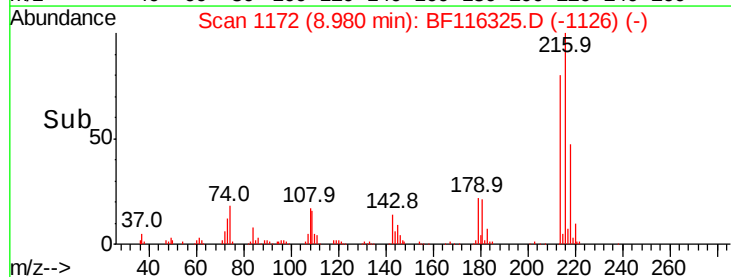
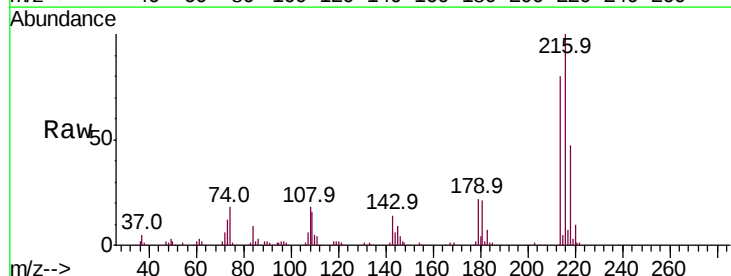
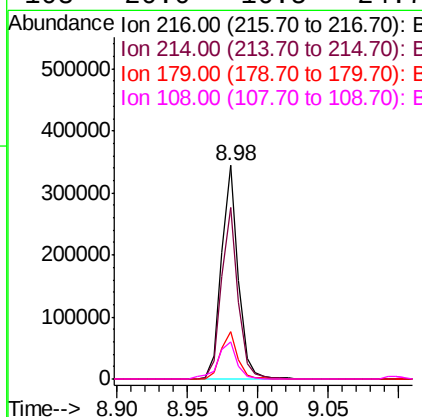
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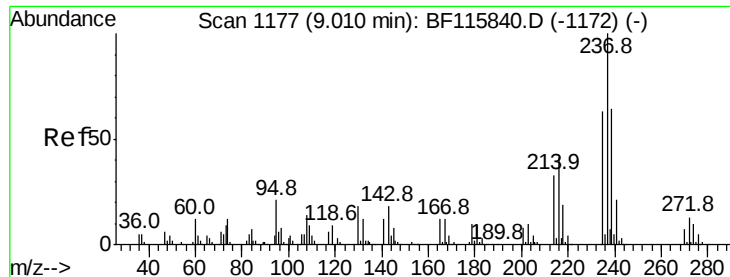
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.213 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	283958		
214	79.3	63.6	95.4	
179	22.2	17.8	26.8	
108	20.0	16.5	24.7	





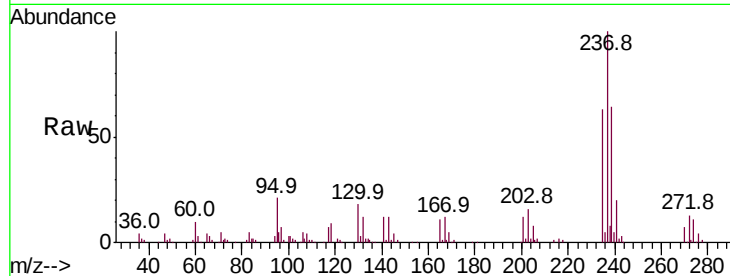
#41
Hexachlorocyclopentadiene
Concen: 34.828 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

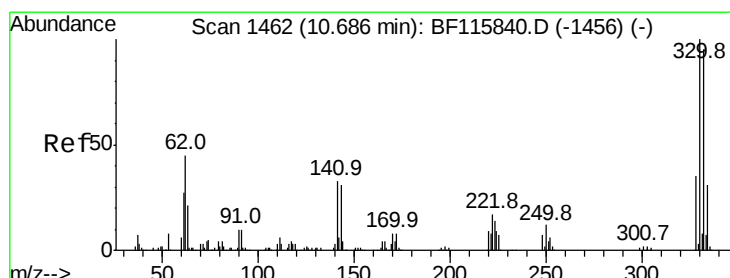
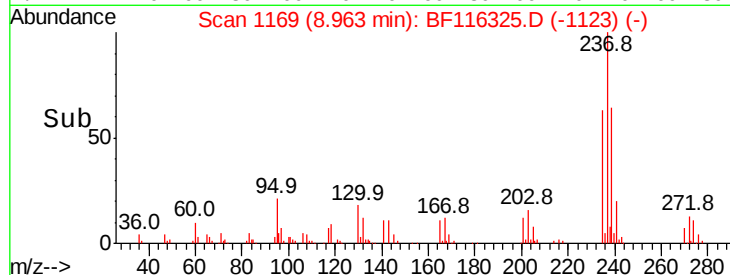
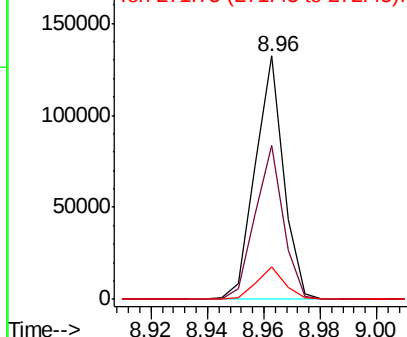
Tot Ion	Ratio	Resp	Lower	Upper
237	100	92088		
235	63.1	43.4	83.4	
272	13.3	0.0	33.2	

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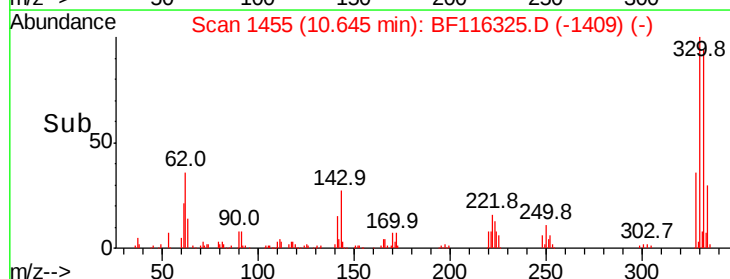
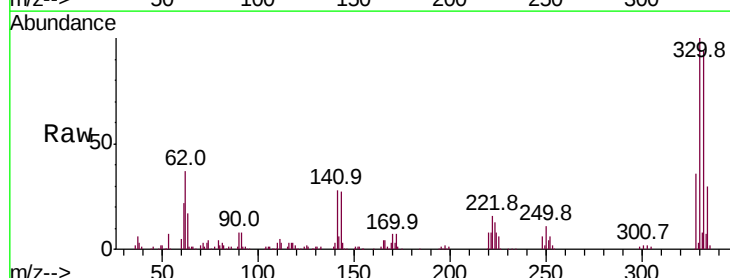
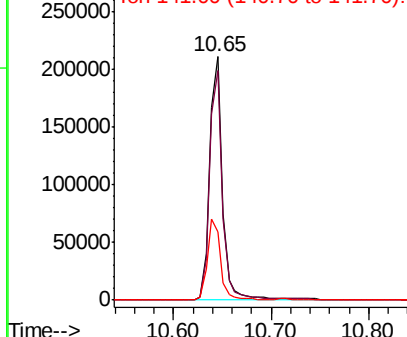
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

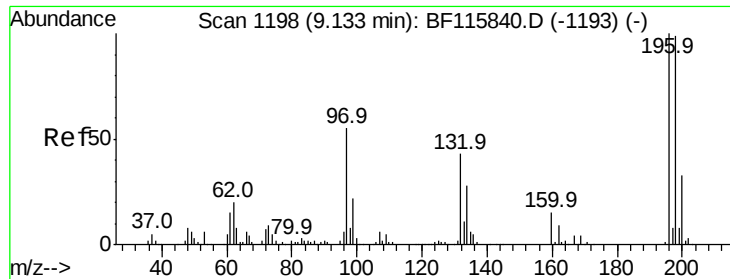


#42
2,4,6-Tribromophenol
Concen: 81.632 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	194534		
332	95.1	76.8	115.2	
141	34.0	26.3	39.5	

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





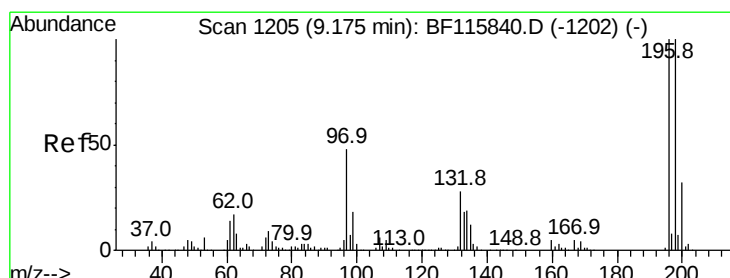
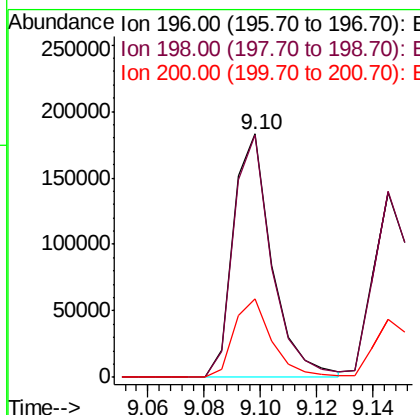
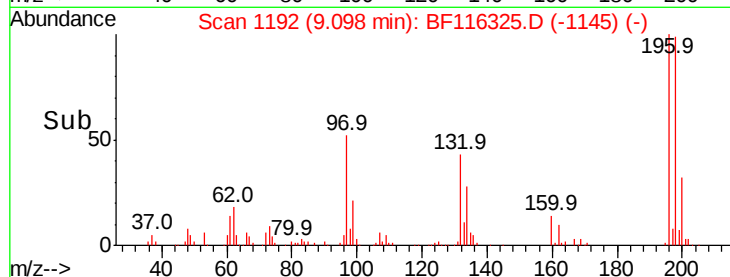
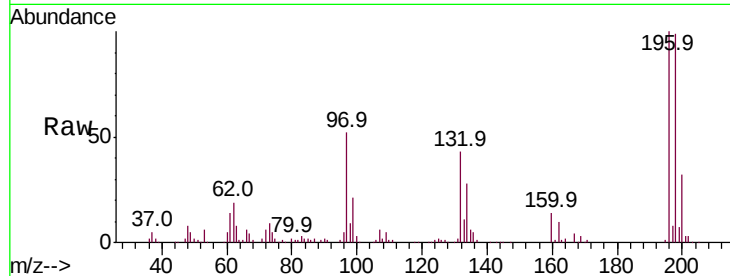
#43
 2,4,6-Trichlorophenol
 Concen: 38.460 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	173957
Ion Ratio	Lower	Upper	
196	100		
198	99.3	79.2	118.8
200	32.3	25.2	37.8

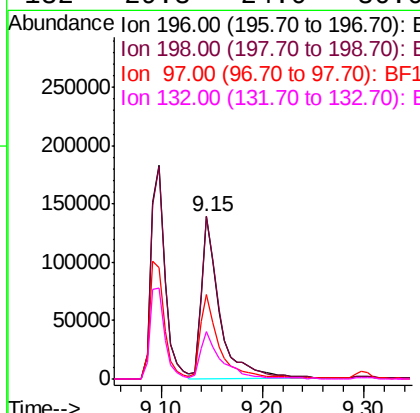
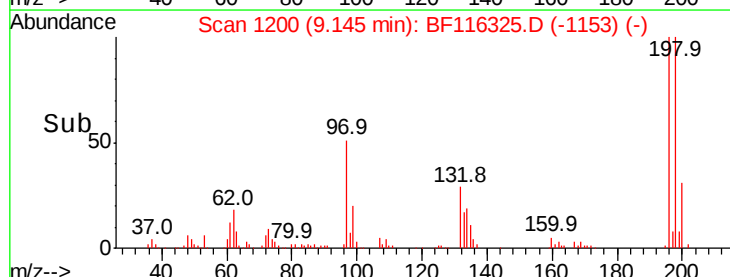
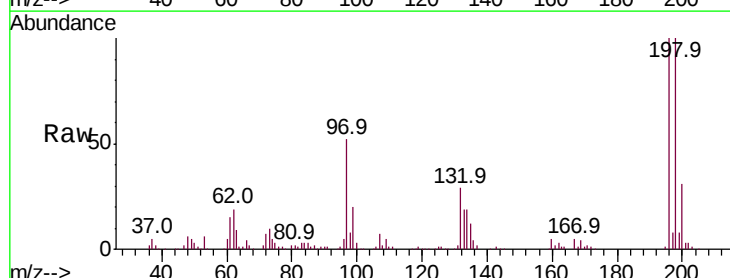
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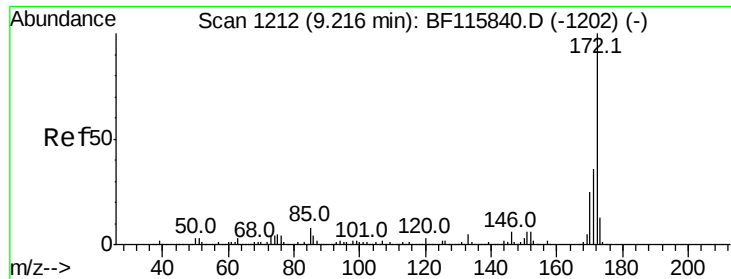
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.528 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Tgt Ion:	196	Resp:	175459
Ion Ratio	Lower	Upper	
196	100		
198	100.4	78.8	118.2
97	51.8	42.2	63.4
132	29.3	24.0	36.0





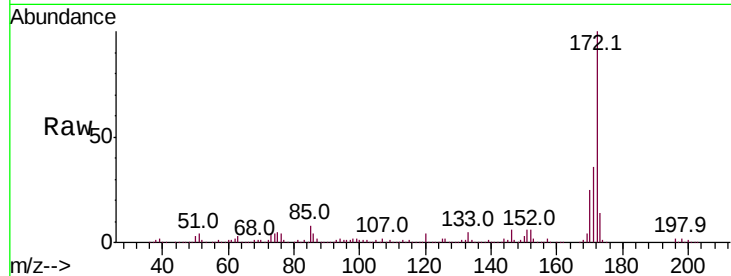
#45
2-Fluorobiphenyl
Concen: 87.034 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.6	20.1	30.1

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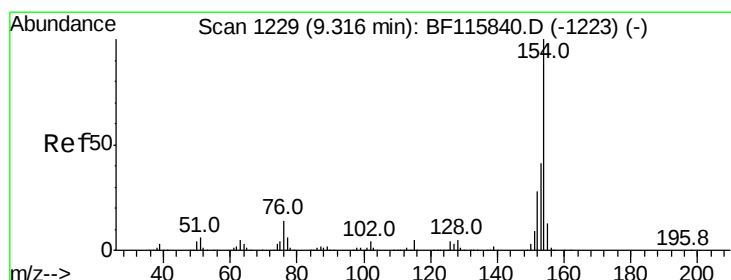
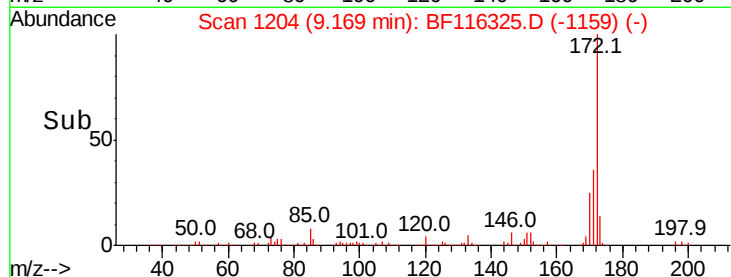
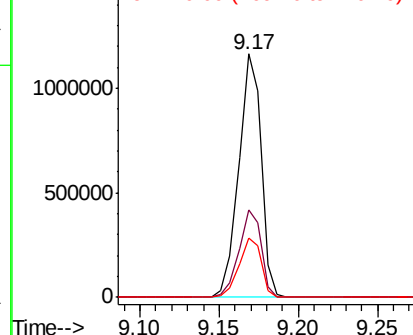


Abundance

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: 43.622 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

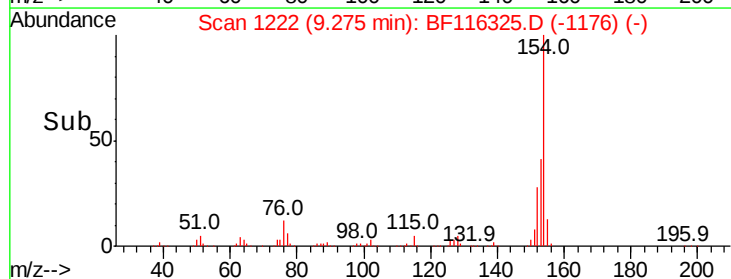
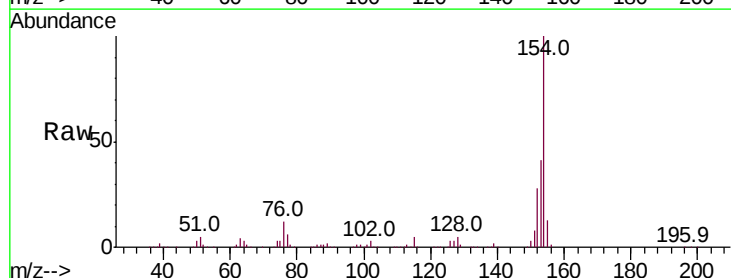
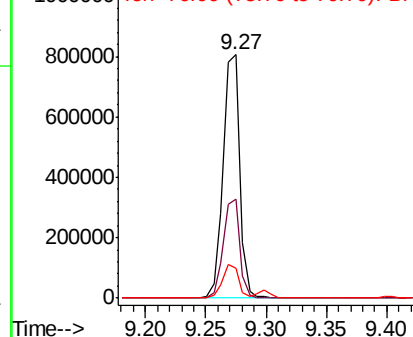
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.4	61.4
76	12.3	0.0	35.2

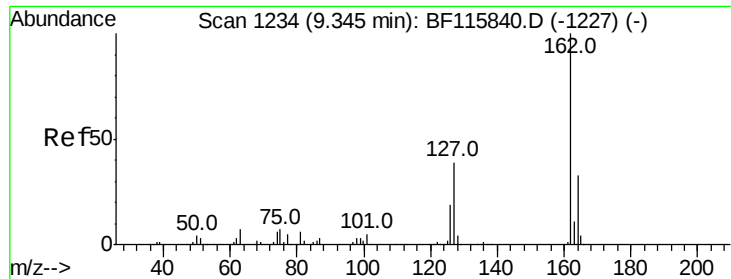
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





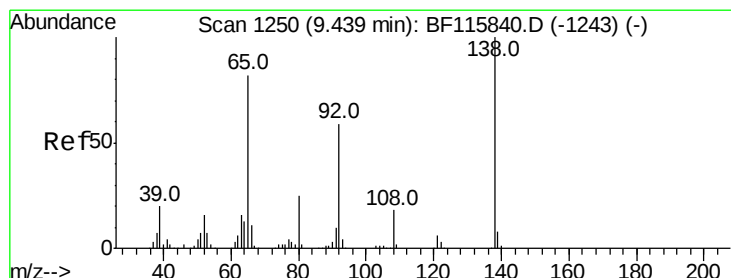
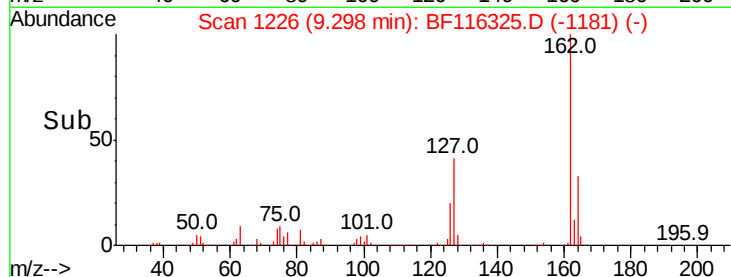
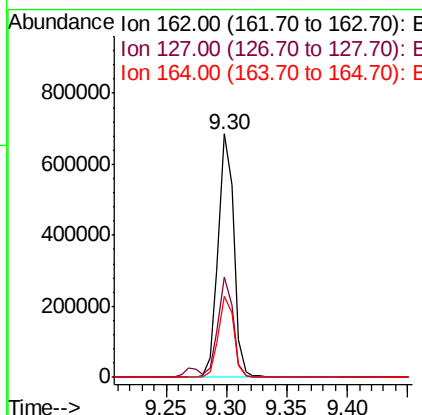
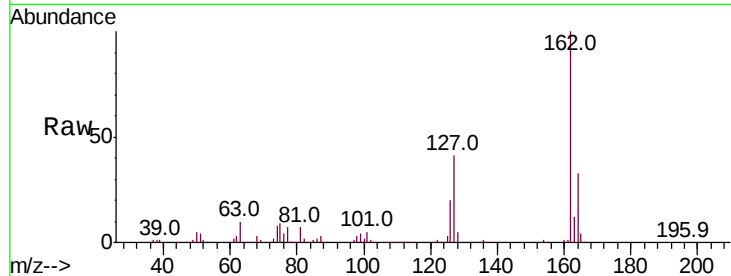
#47
 2-Chloronaphthalene
 Concen: 42.156 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.04 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	608861		
127	41.3	32.8	49.2	
164	33.2	26.6	39.8	

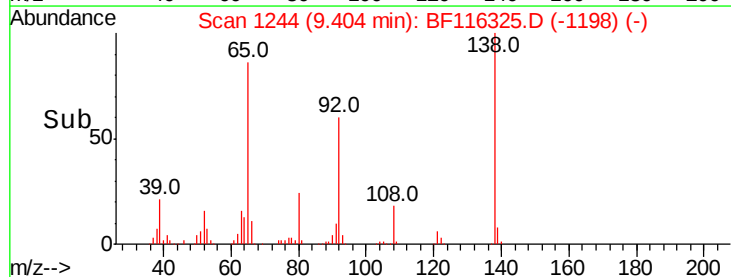
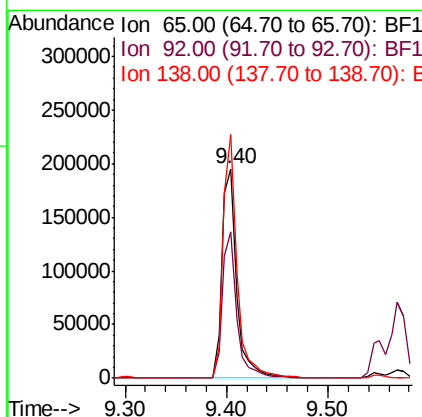
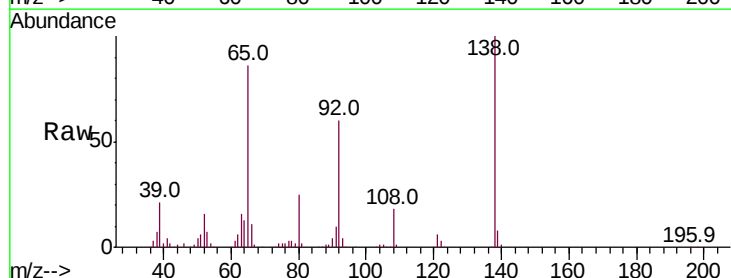
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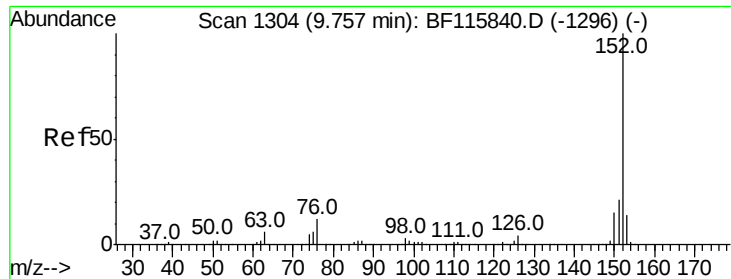
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#48
 2-Nitroaniline
 Concen: 41.220 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.03 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	196781		
92	69.9	57.8	86.8	
138	116.2	94.0	141.0	





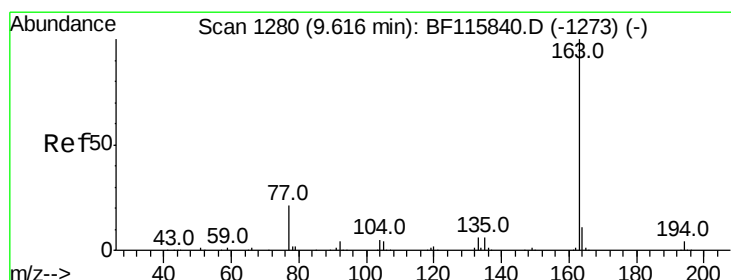
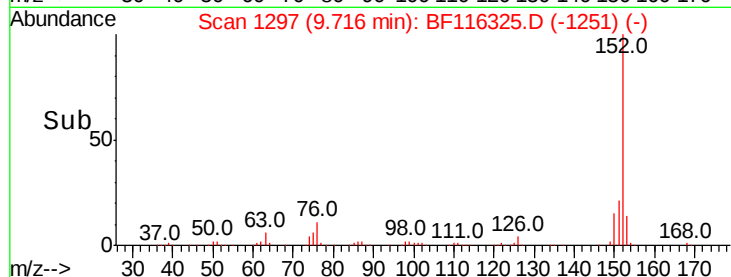
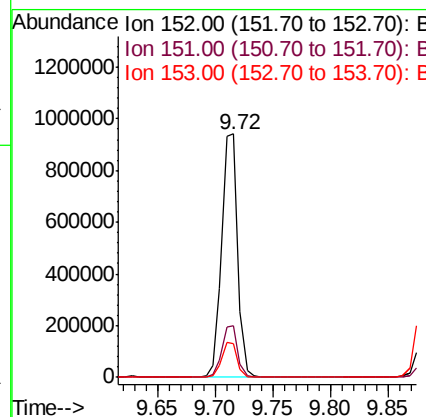
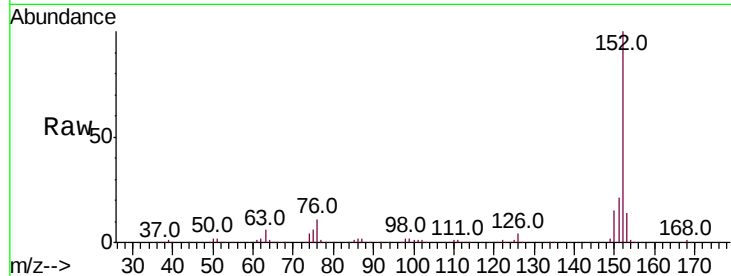
#49
 Acenaphthylene
 Concen: 43.015 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.03 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.2	25.8
153	14.0	11.8	17.8

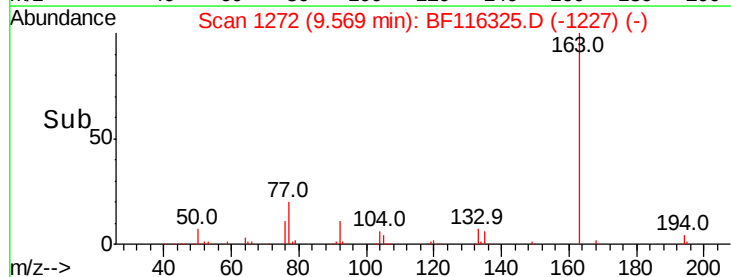
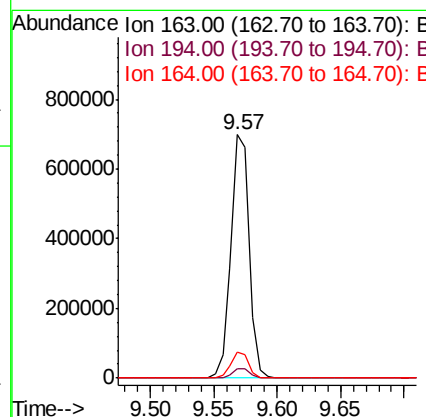
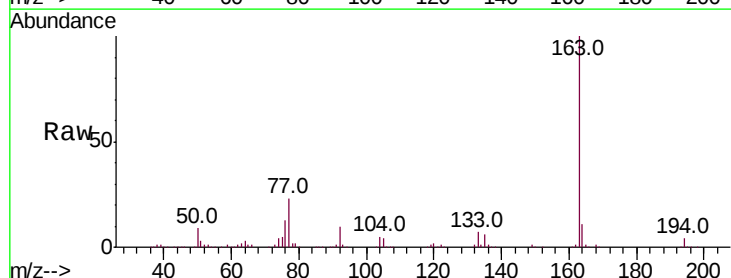
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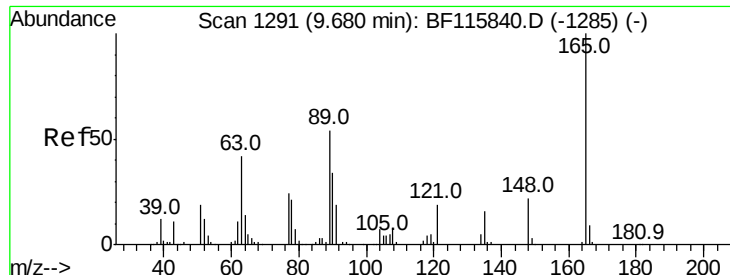
mohammad
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#50
 Dimethylphthalate
 Concen: 41.383 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.04 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

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





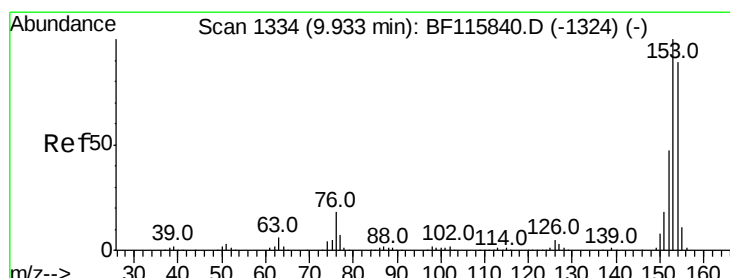
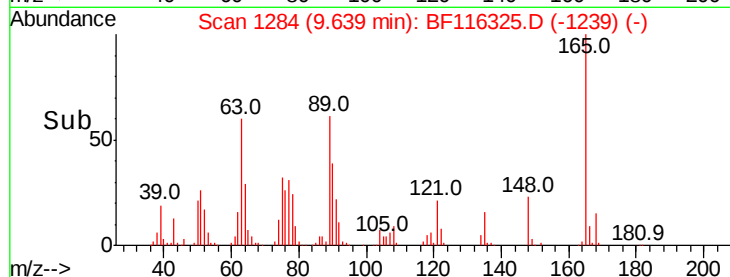
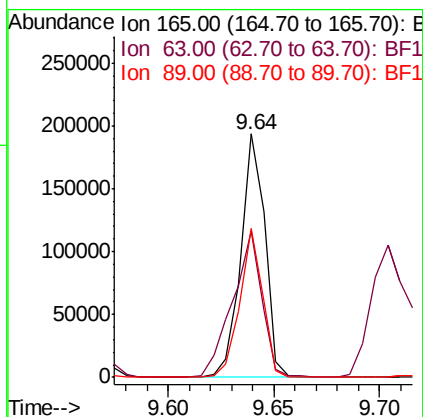
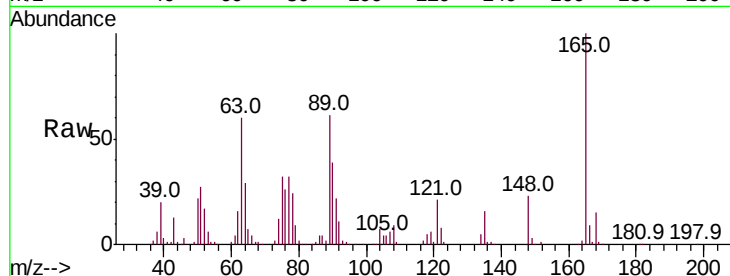
#51
 2,6-Dinitrotoluene
 Concen: 41.777 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.04 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	151943		
63	60.2	38.2	57.2#	
89	61.0	42.9	64.3	

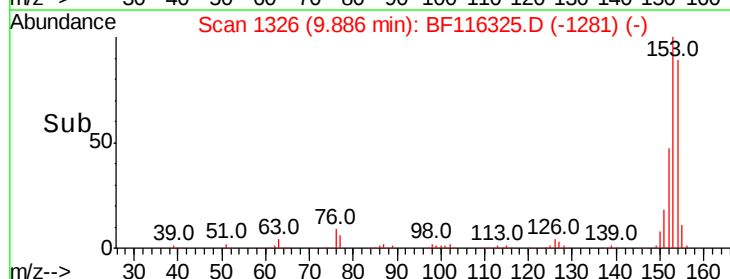
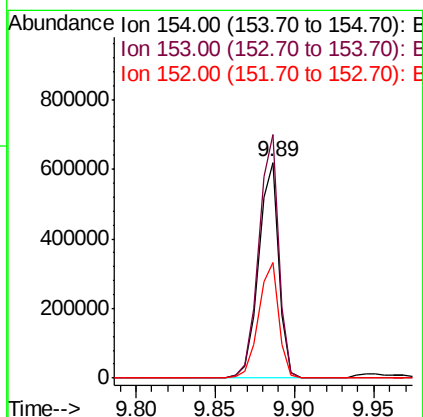
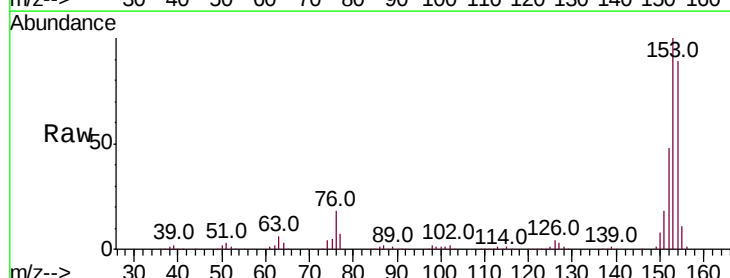
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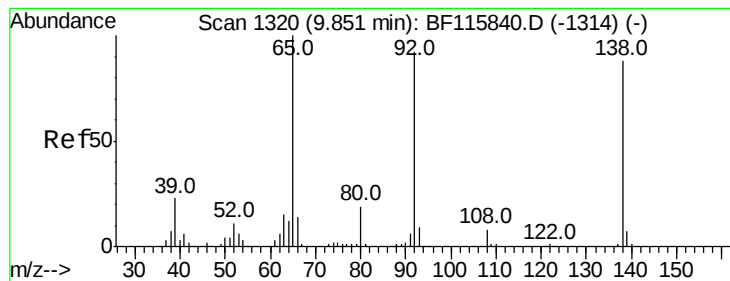
mohammad
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#52
 Acenaphthene
 Concen: 42.643 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.04 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	551234		
153	112.7	89.4	134.0	
152	53.6	42.3	63.5	





#53

3-Nitroaniline

Concen: 39.277 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

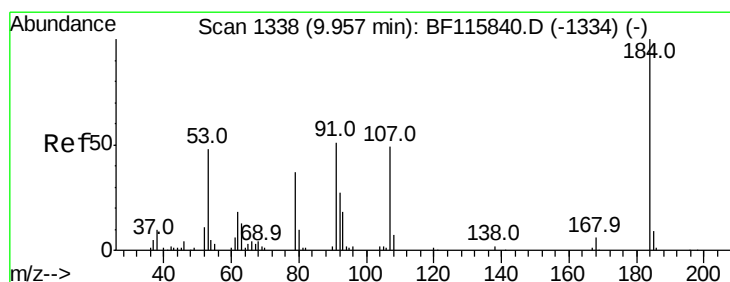
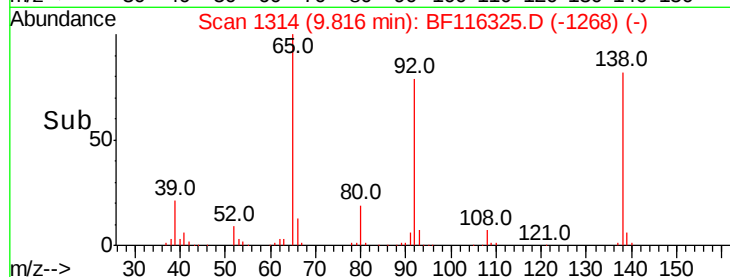
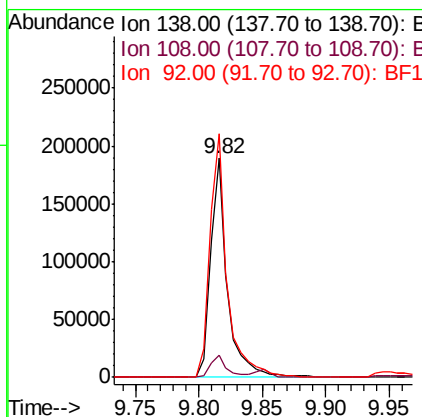
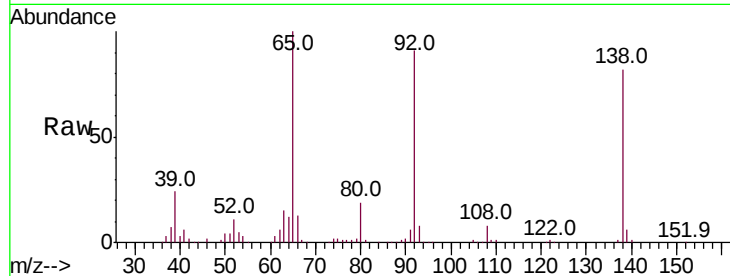
ClientSampleId :

SSTDCCC040

Tot Ion:138	Resp:	176512
Ion Ratio	Lower	Upper
138	100	
108	10.0	8.0 12.0
92	111.2	91.0 136.6

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#54

2,4-Dinitrophenol

Concen: 32.810 ng

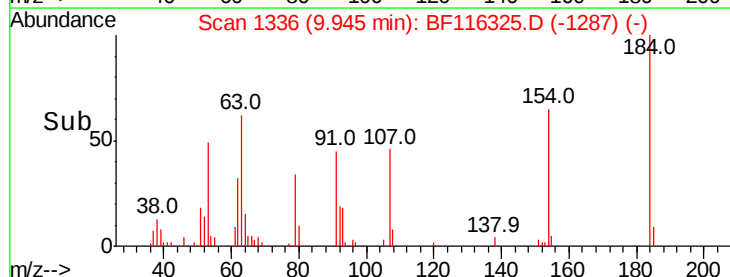
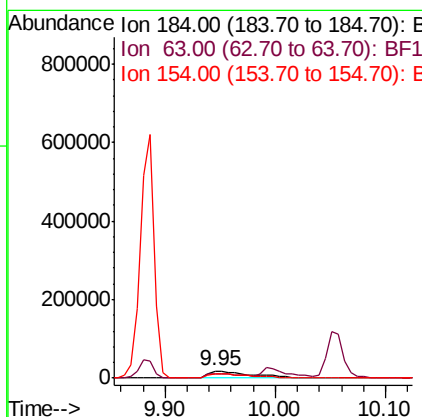
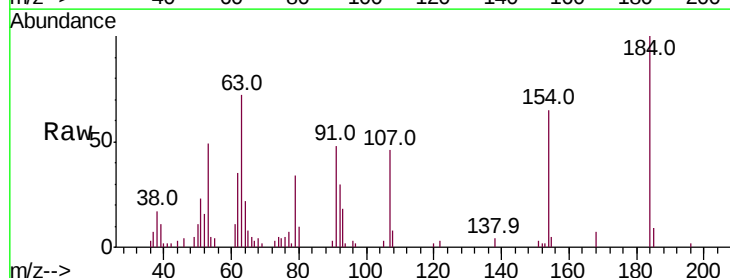
RT: 9.95 min Scan# 1336

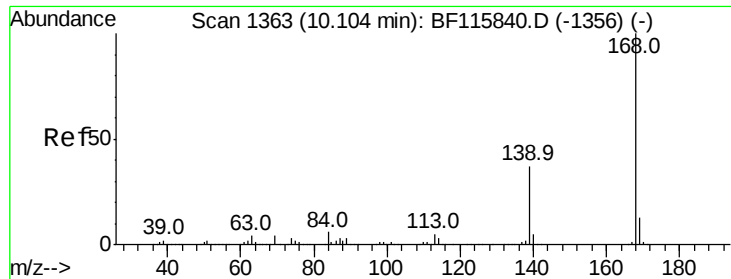
Delta R.T. -0.01 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Tgt Ion:184	Resp:	51245
Ion Ratio	Lower	Upper
184	100	
63	71.6	53.0 79.4
154	64.6	50.1 75.1





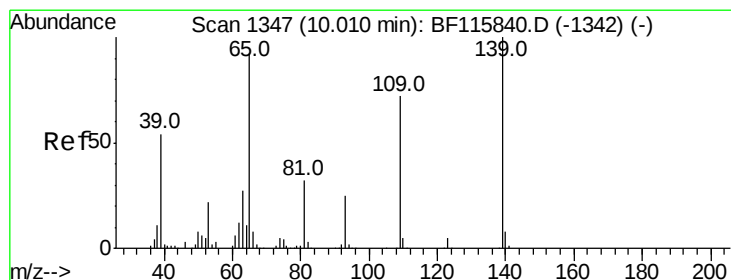
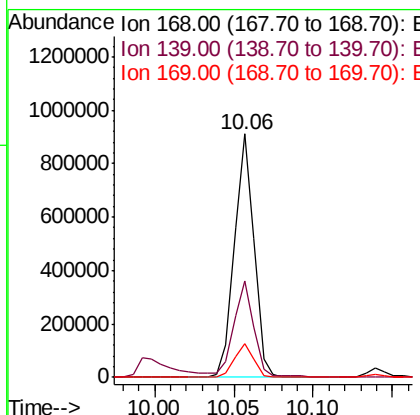
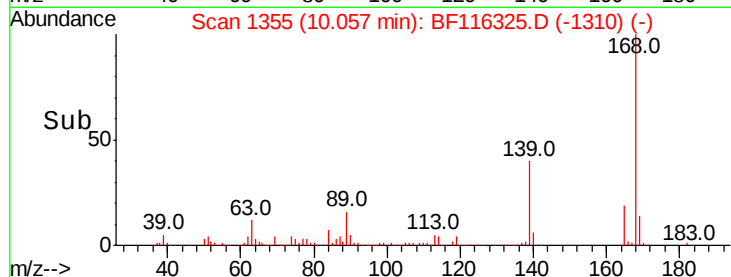
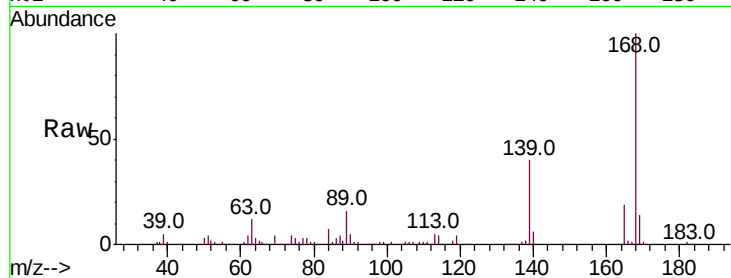
#55
Dibenzofuran
Concen: 41.490 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
168	100	779961		
139	39.9		31.4	47.2
169	13.8		10.9	16.3

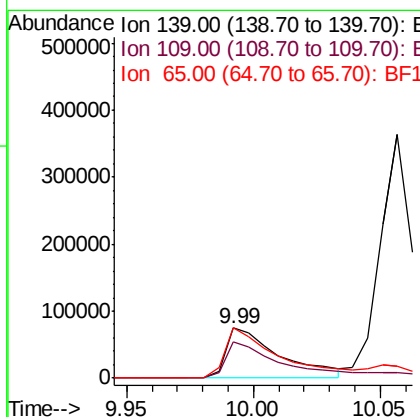
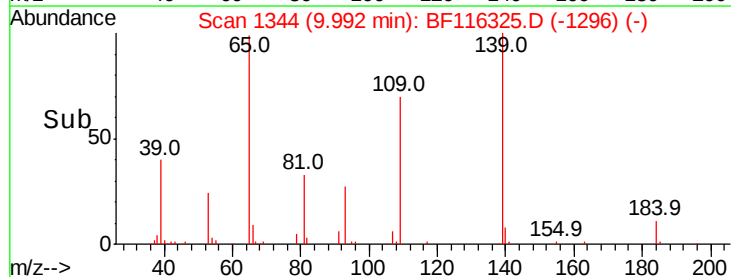
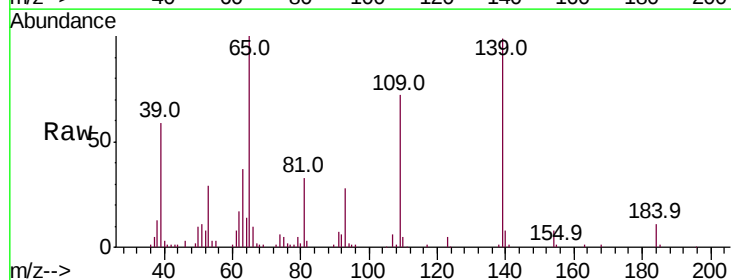
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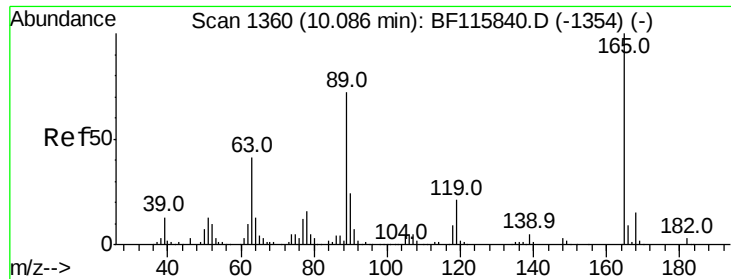
mohammad
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#56
4-Nitrophenol
Concen: 37.823 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	108888		
109	72.7		54.4	94.4
65	100.8		80.6	120.6





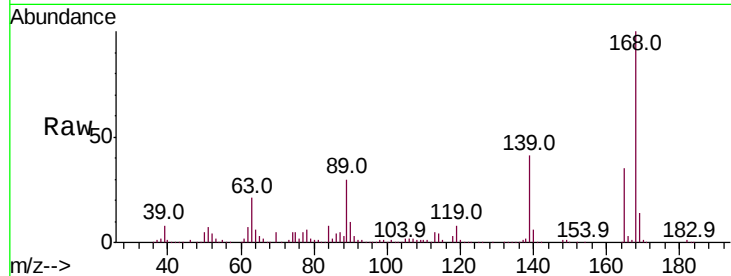
#57
2,4-Dinitrotoluene
Concen: 39.429 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.2	39.6	59.4#
89	84.6	62.2	93.2
182	2.4	2.1	3.1

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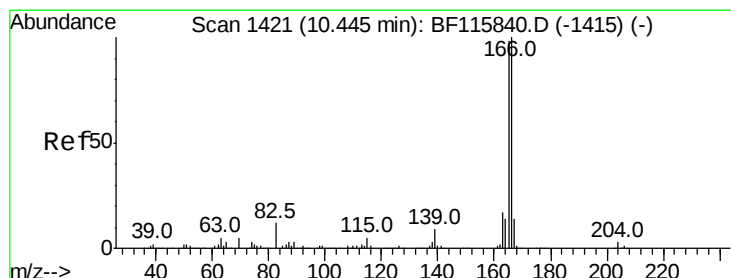
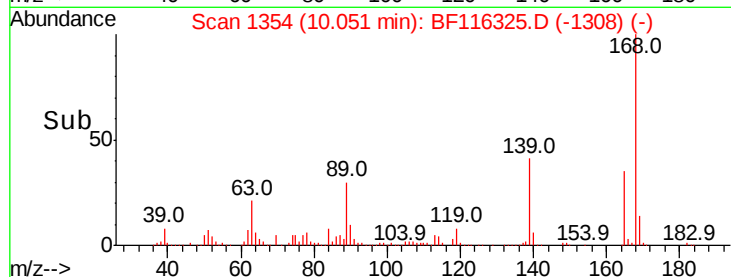
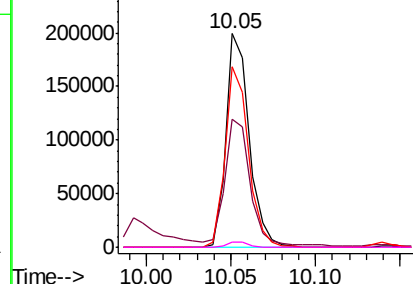
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.329 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

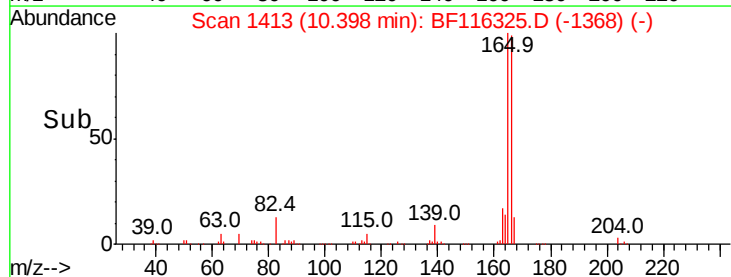
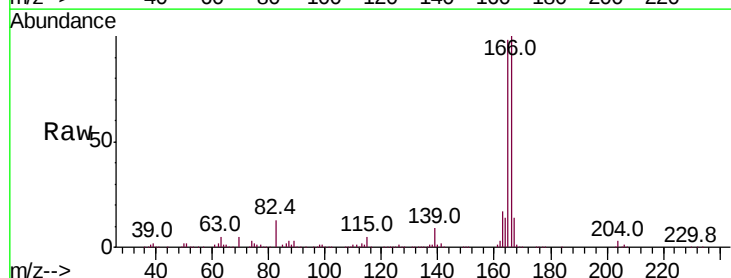
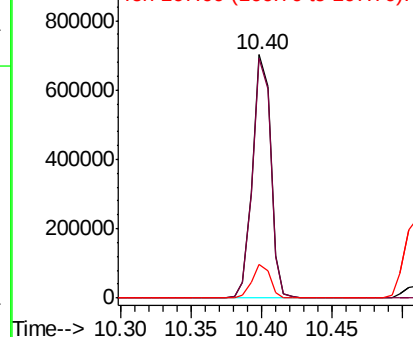
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.4	117.6
167	13.6	11.0	16.4

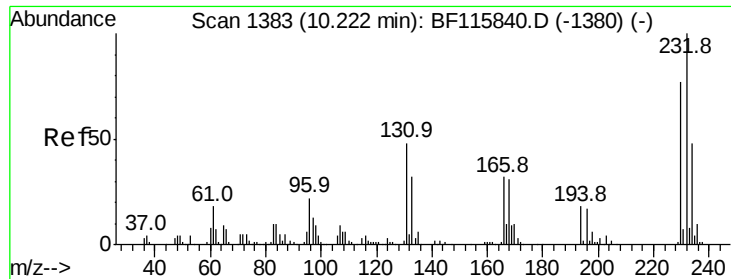
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





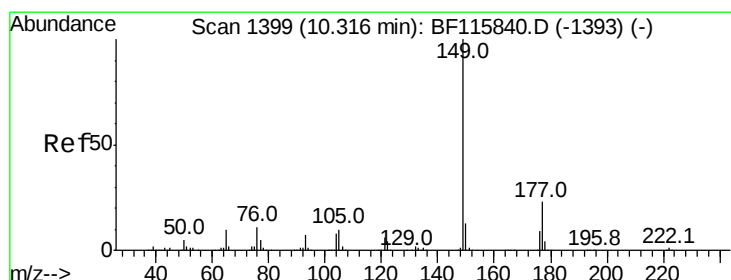
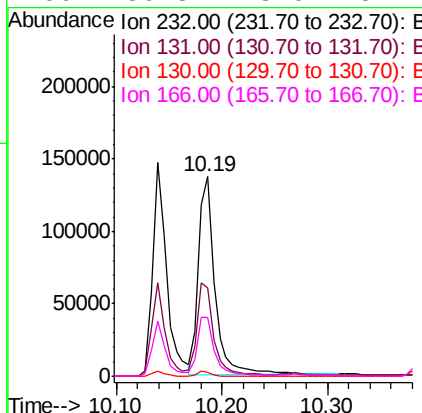
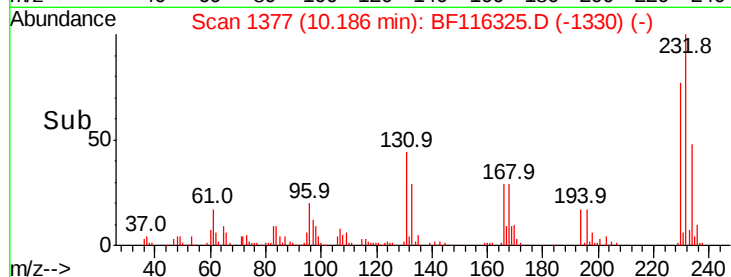
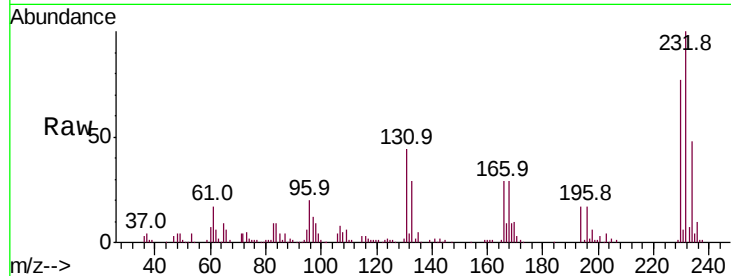
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.720 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	148371		
131	48.1	36.2	54.2	
130	2.2	1.9	2.9	
166	30.3	23.0	34.4	

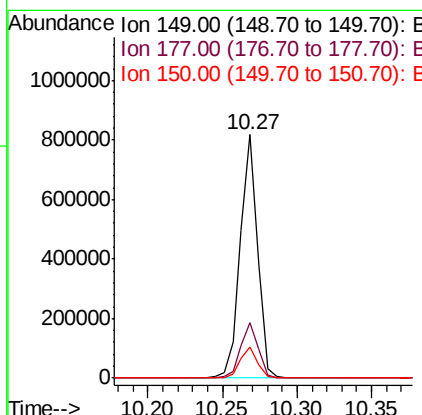
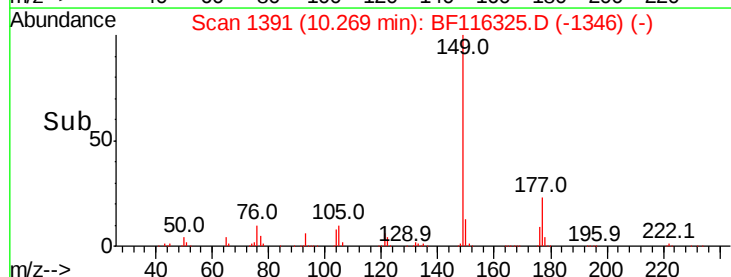
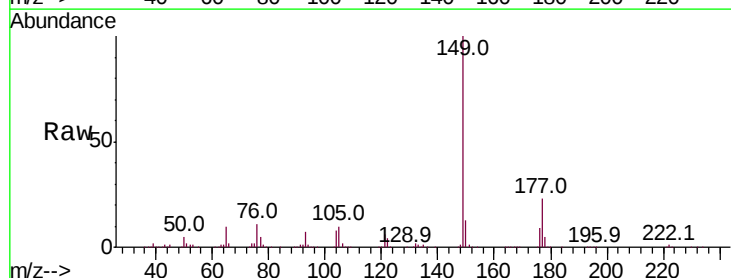
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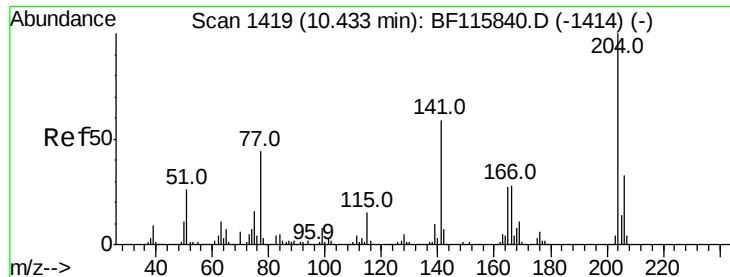
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#60
 Diethylphthalate
 Concen: 42.519 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.04 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	664366		
177	22.9	18.8	28.2	
150	12.8	10.2	15.4	





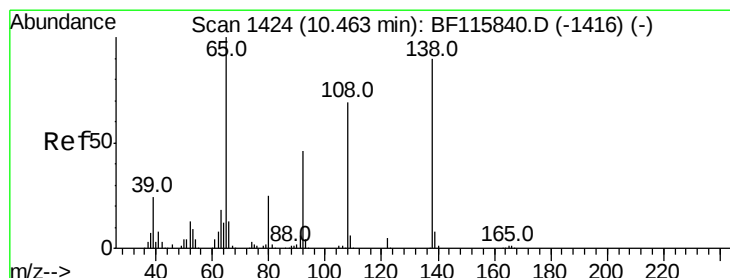
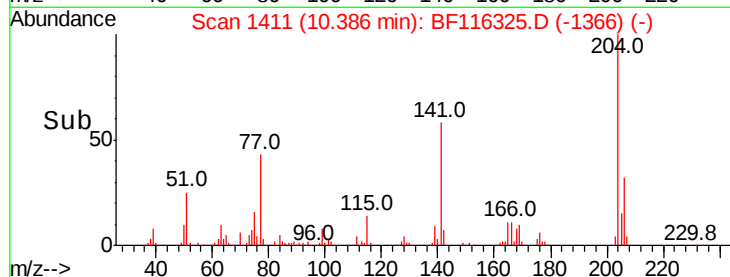
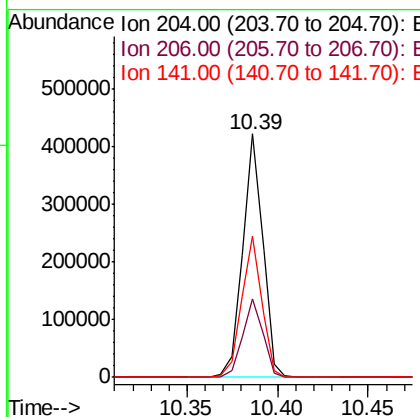
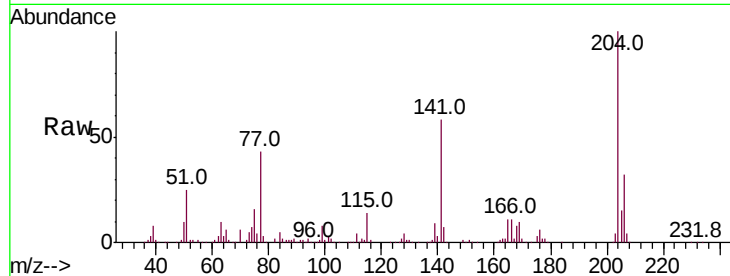
#61
4-Chlorophenyl-phenylether
Concen: 44.649 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.4	39.6
141	57.8	46.4	69.6

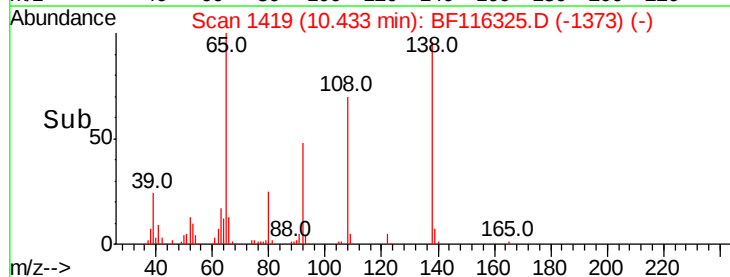
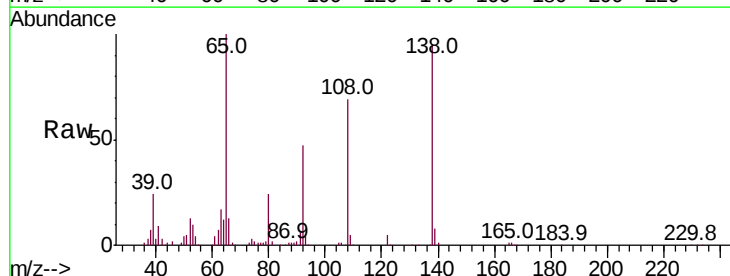
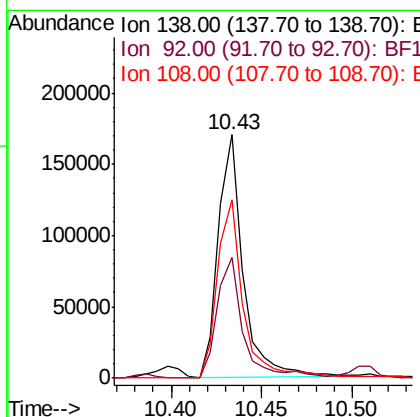
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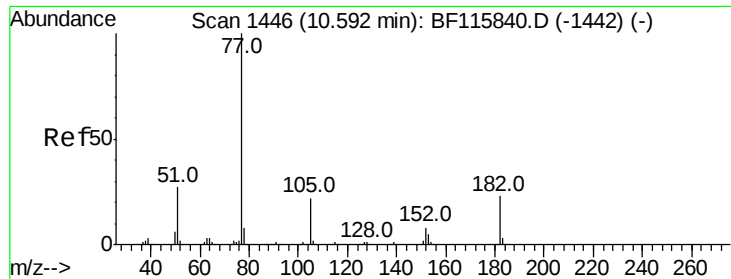
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#62
4-Nitroaniline
Concen: 34.803 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	29.0	69.0
108	73.3	54.7	94.7





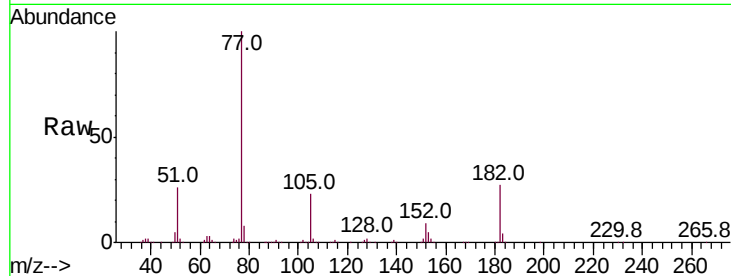
#63
Azobenzene
Concen: 43.203 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

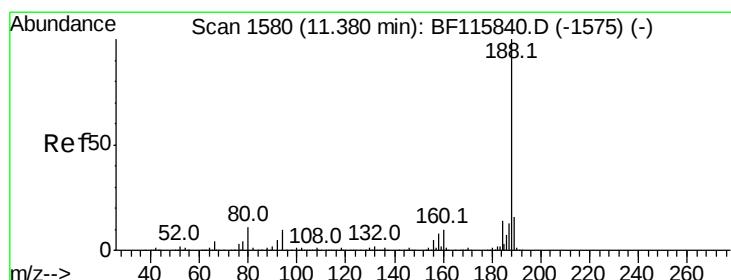
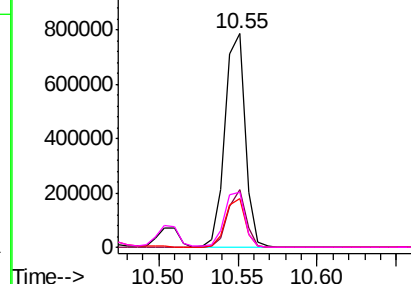
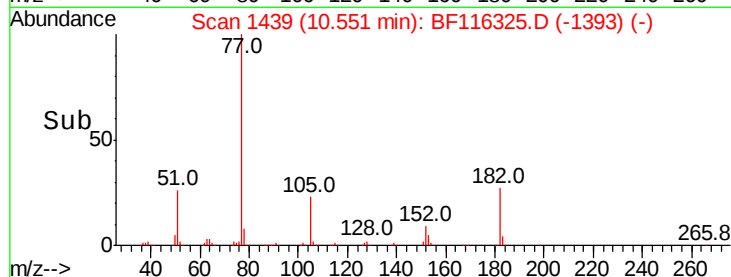
Tot Ion	Ratio	Resp	Lower	Upper
77	100	694343		
182	27.1	4.0	44.0	
105	22.9	2.0	42.0	
51	26.0	7.5	47.5	

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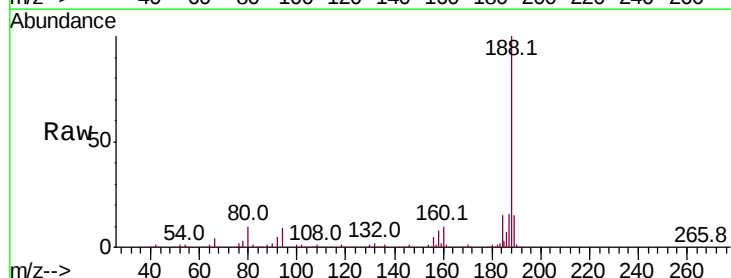


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

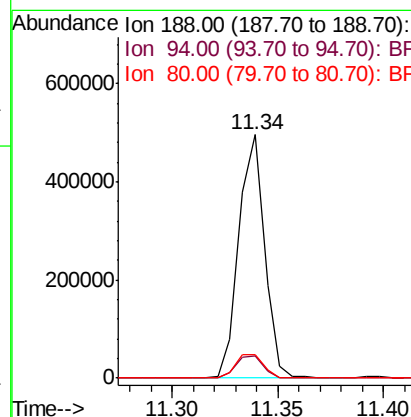
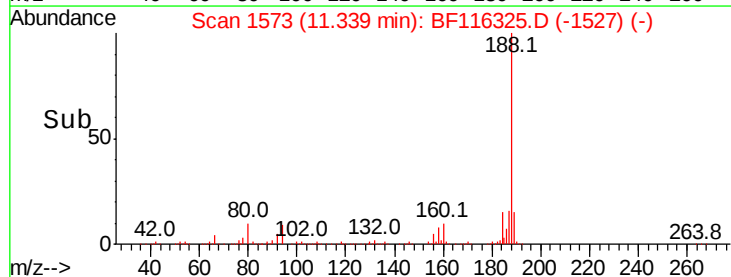


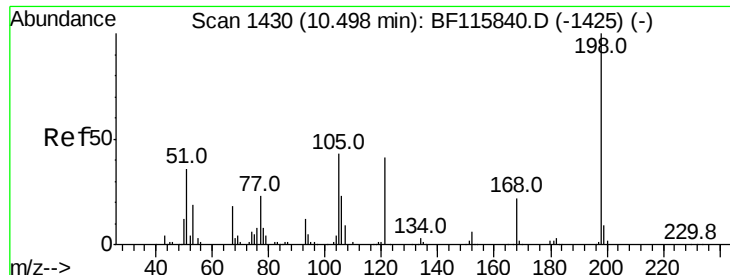
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	416656		
94	9.0	8.1	12.1	
80	9.8	8.7	13.1	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 36.988 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 81669

Ion Ratio Lower Upper

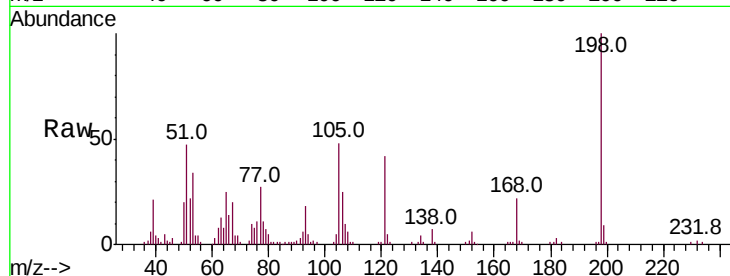
198 100

51 46.7 17.0 57.0

105 47.8 21.6 61.6

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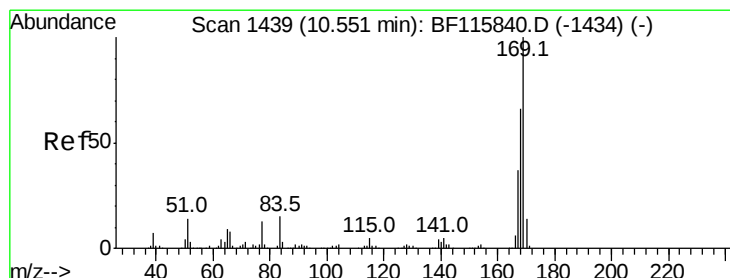
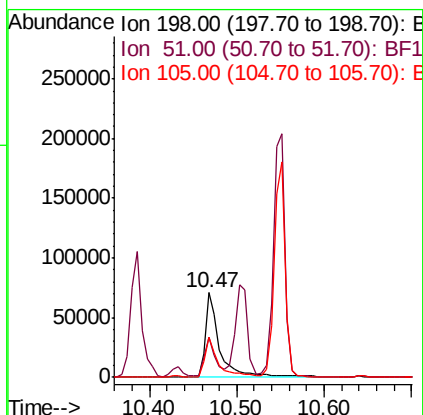
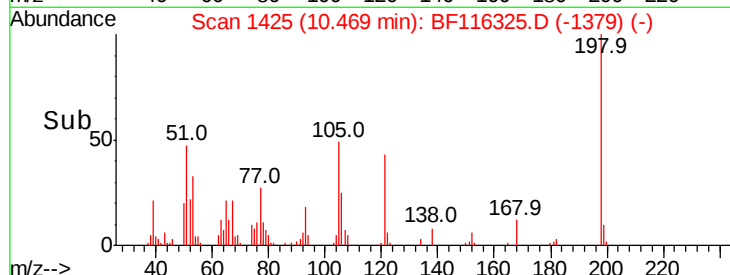
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.801 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

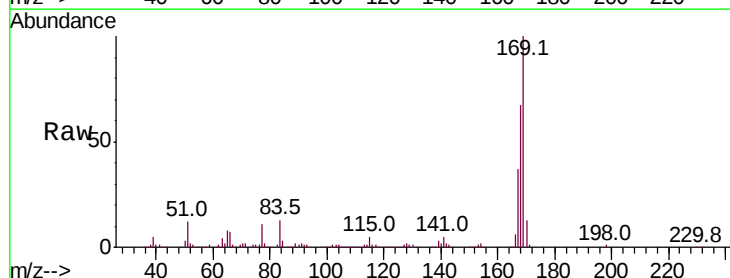
Tgt Ion:169 Resp: 549303

Ion Ratio Lower Upper

169 100

168 66.9 53.8 80.6

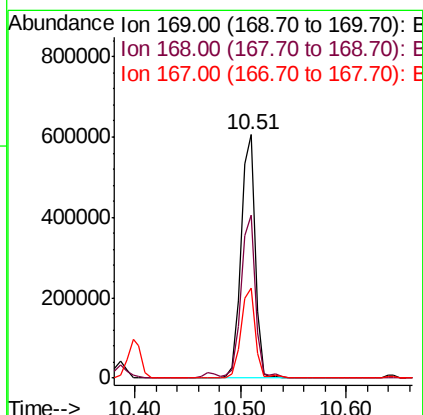
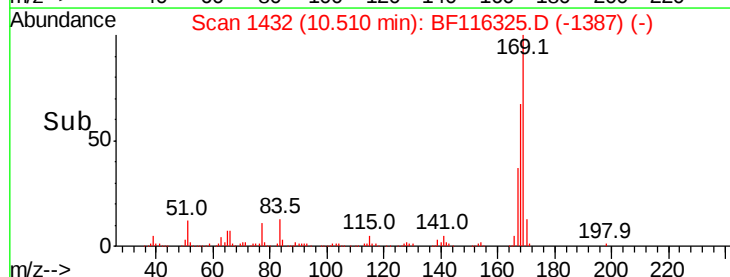
167 37.1 29.6 44.4

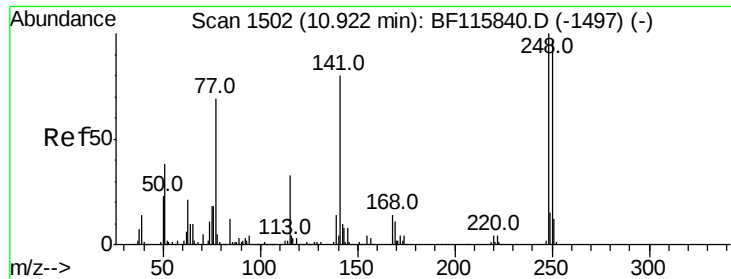


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 44.252 ng

RT: 10.87 min Scan# 1494

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

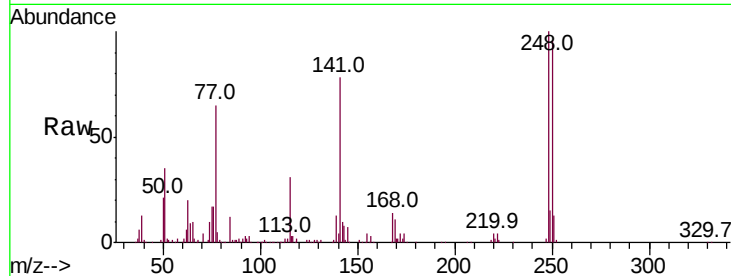
ClientSampleId :

SSTDCCC040

Tot Ion:	248	Resp:	197379
Ion Ratio	Lower	Upper	
248	100		
250	96.3	77.4	116.2
141	77.5	56.8	85.2

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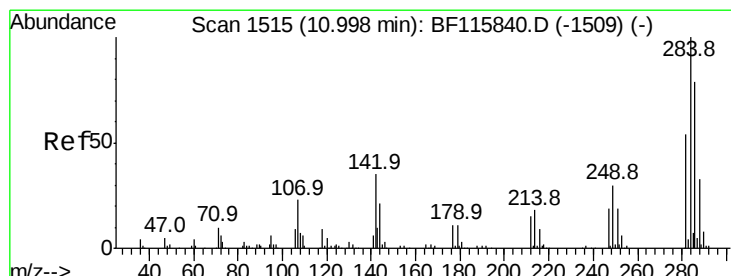
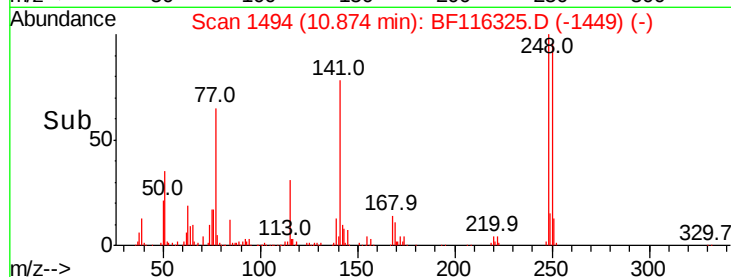
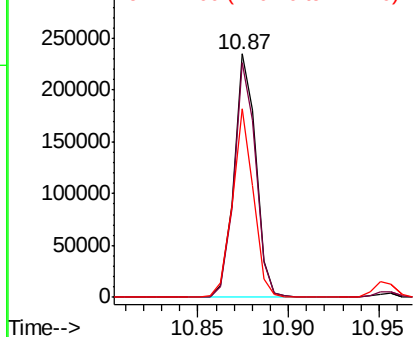


Abundance

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: 43.129 ng

RT: 10.96 min Scan# 1508

Delta R.T. -0.03 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

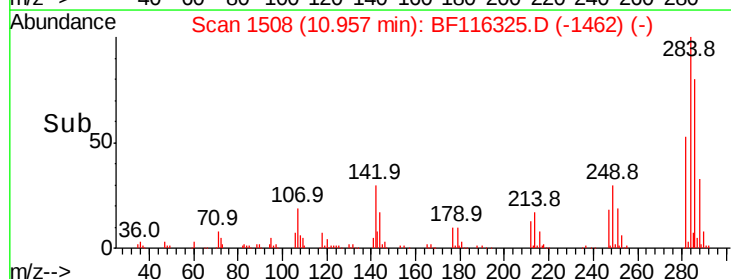
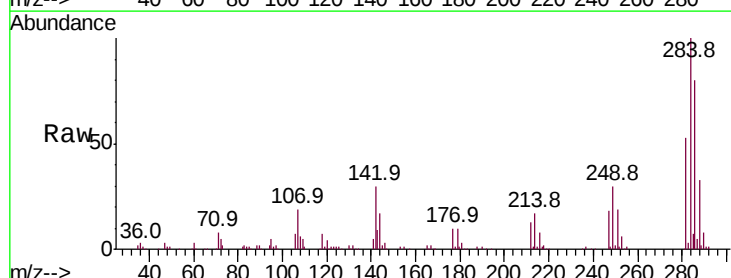
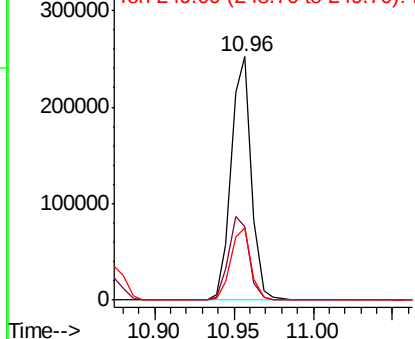
Tgt Ion:	284	Resp:	222443
Ion Ratio	Lower	Upper	
284	100		
142	30.3	28.4	42.6
249	29.5	24.5	36.7

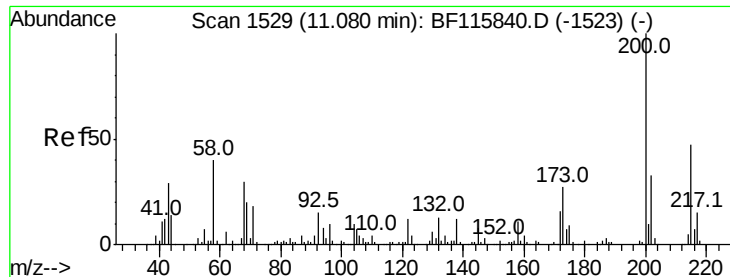
Abundance

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





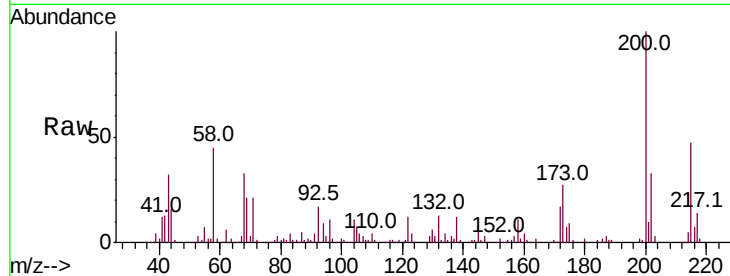
#69
Atrazine
Concen: 40.619 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

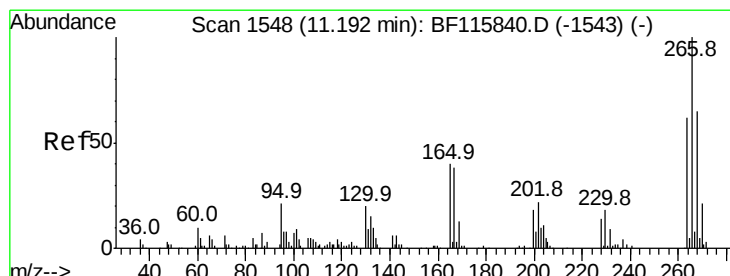
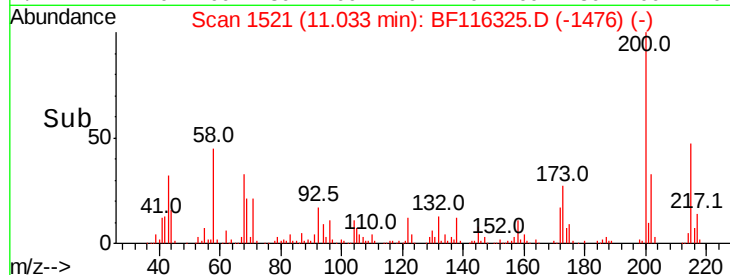
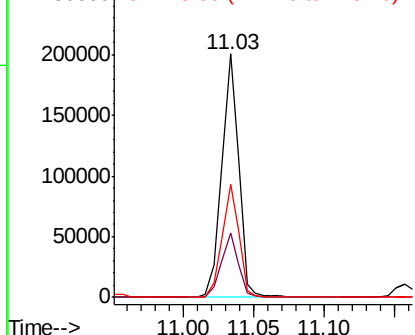
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.8	46.8
215	46.5	27.5	67.5

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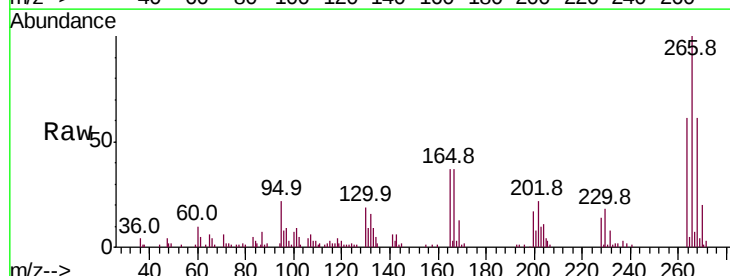


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

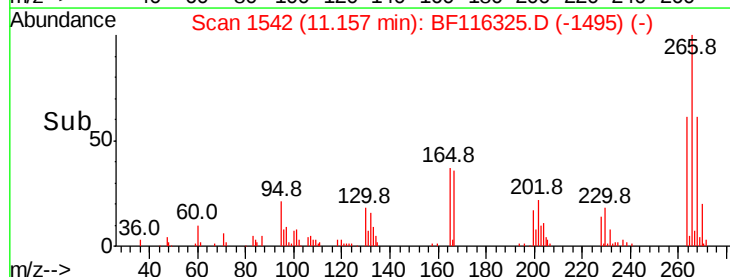
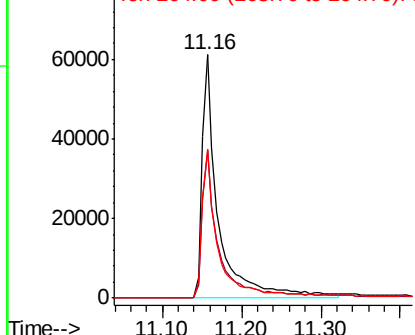


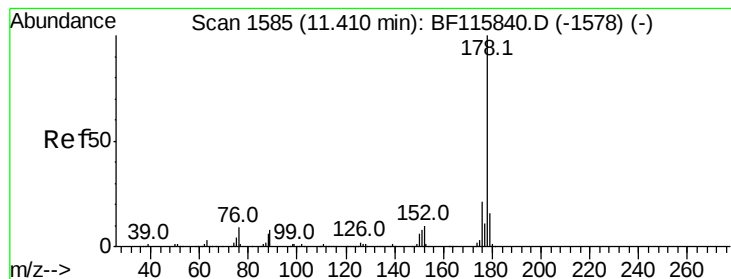
#70
Pentachlorophenol
Concen: 35.692 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.02 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.6	48.8	73.2
264	61.2	50.6	76.0



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





#71

Phenanthrene

Concen: 43.285 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

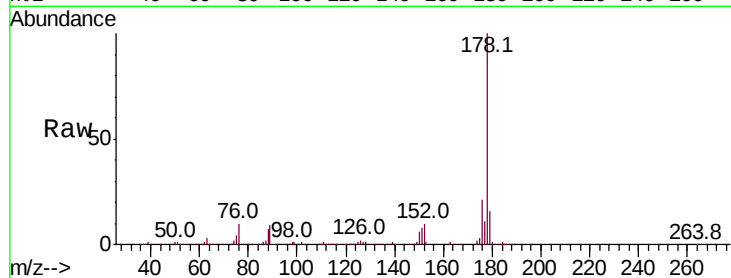
ClientSampleId :

SSTDCCC040

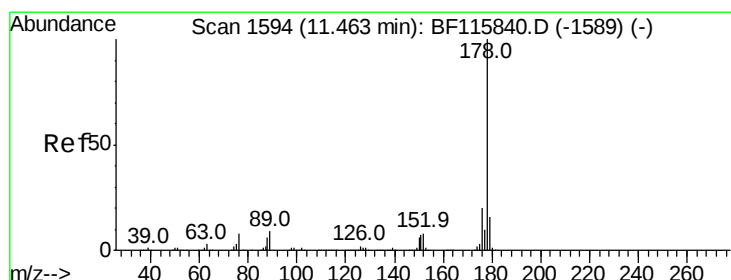
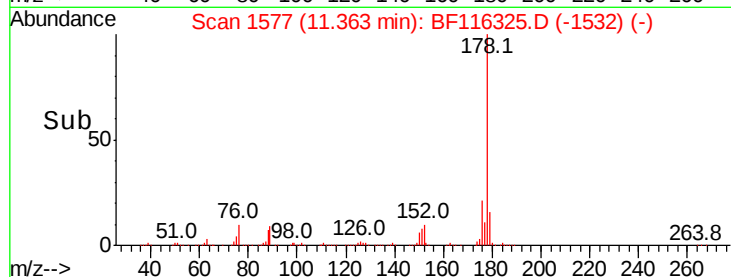
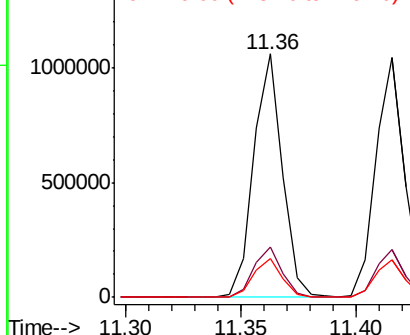
Tot Ion:	178	Resp:	921983
Ion Ratio	Lower	Upper	
178	100		
176	20.8	16.6	24.8
179	15.8	12.5	18.7

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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: 43.653 ng

RT: 11.42 min Scan# 1586

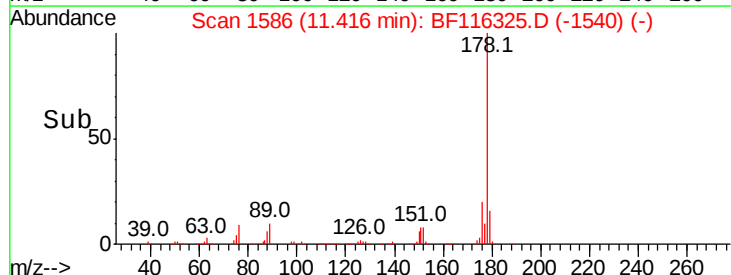
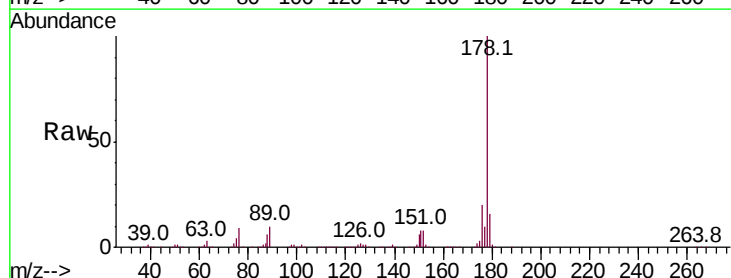
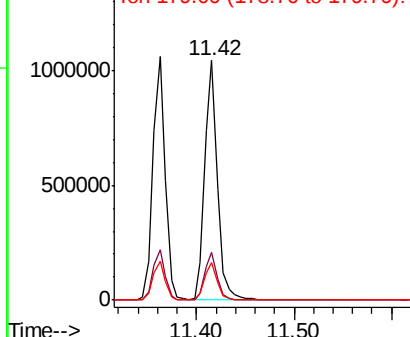
Delta R.T. -0.03 min

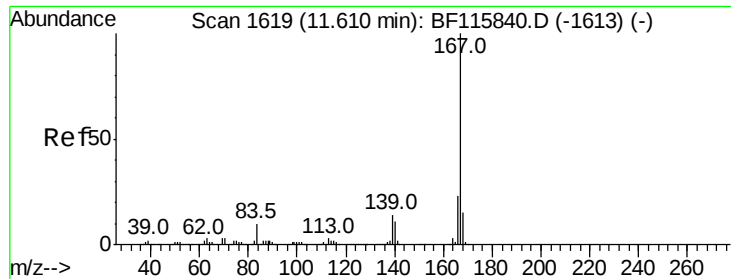
Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Tgt Ion:	178	Resp:	941034
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.7	23.5
179	15.8	13.0	19.6

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





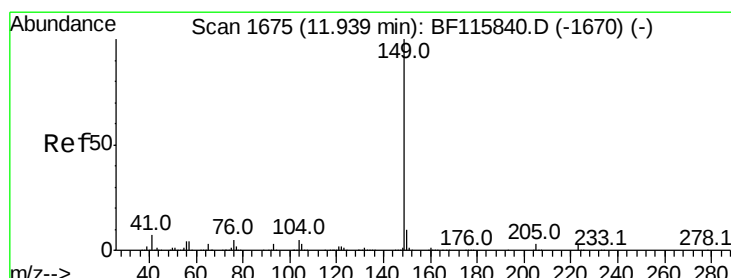
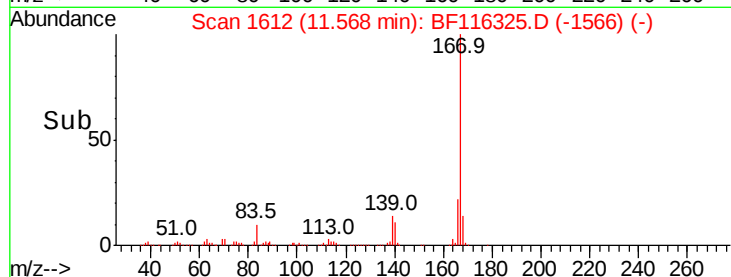
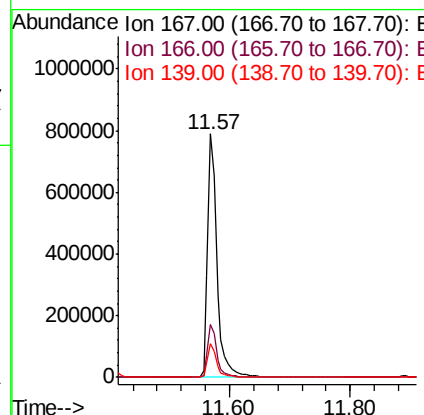
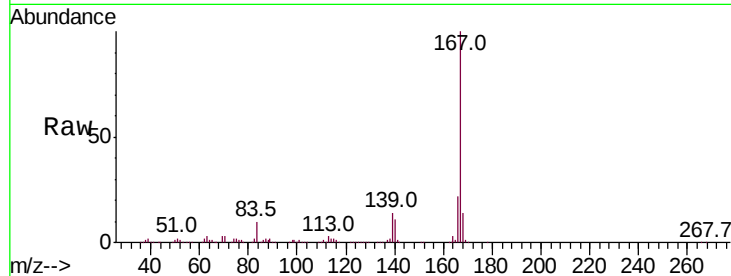
#73
 Carbazole
 Concen: 43.632 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.03 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	13.9	11.4	17.0

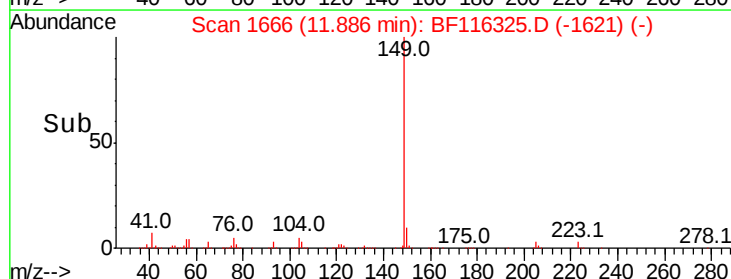
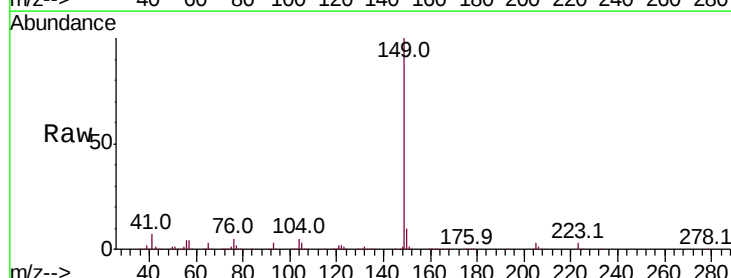
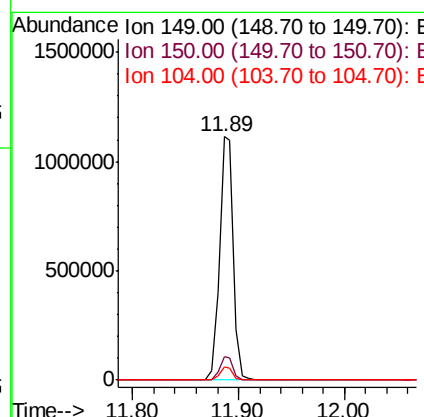
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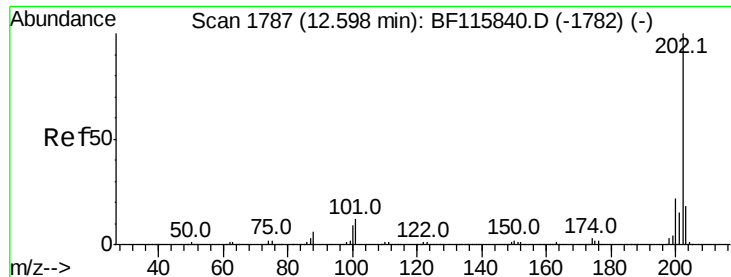
mohammad
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#74
 Di-n-butylphthalate
 Concen: 45.307 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 42.252 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

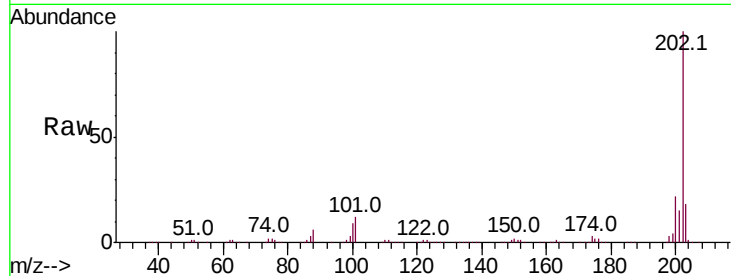
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	942192		
101	12.4	0.0	31.2	
203	18.1	0.0	37.8	

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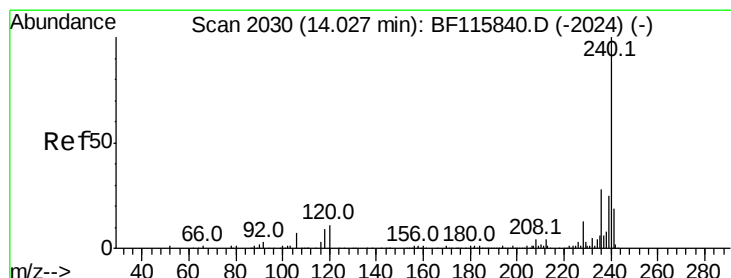
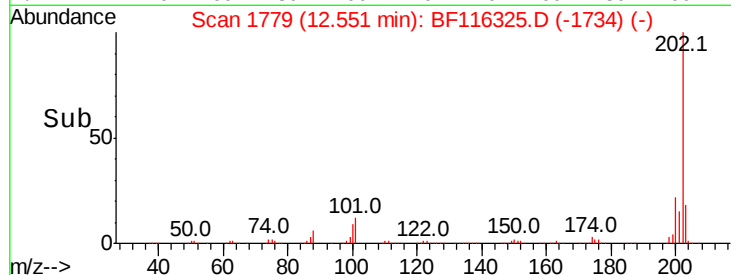
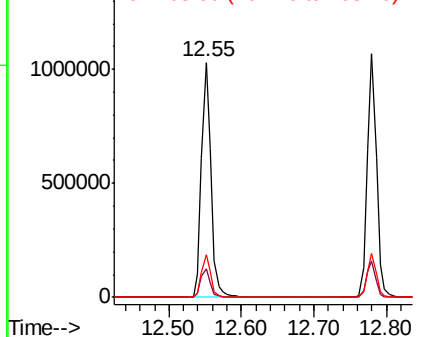
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF116325.D

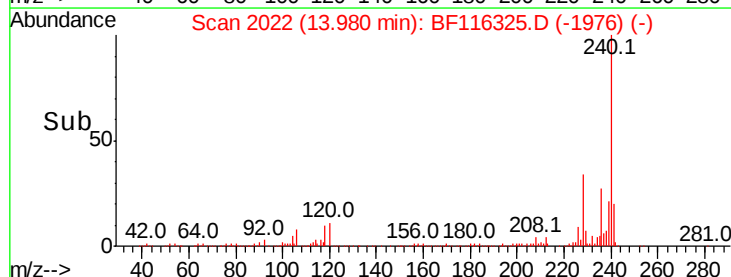
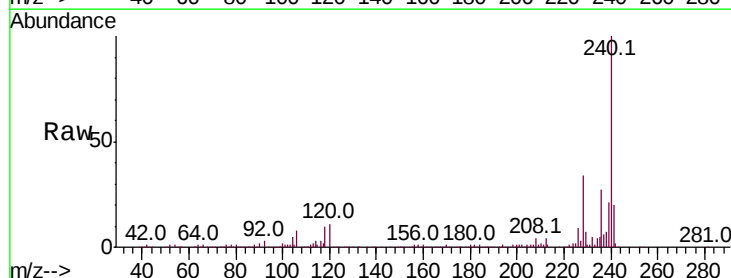
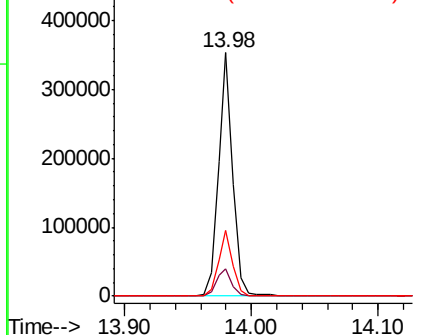
Acq: 16 Aug 2019 18:45

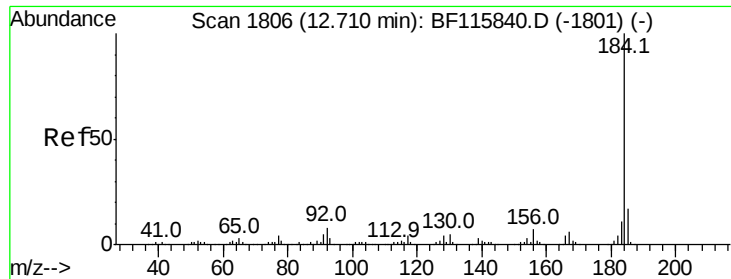
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	279342		
120	11.2	10.7	16.1	
236	27.0	22.2	33.2	

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: 35.691 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.02 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

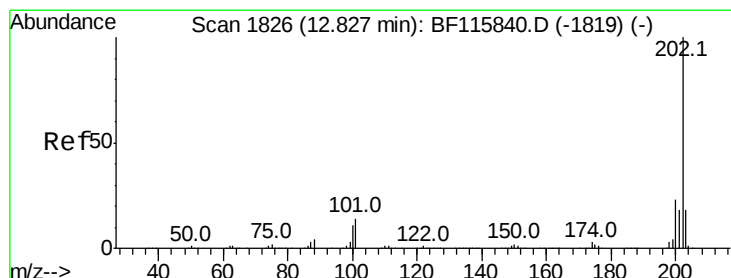
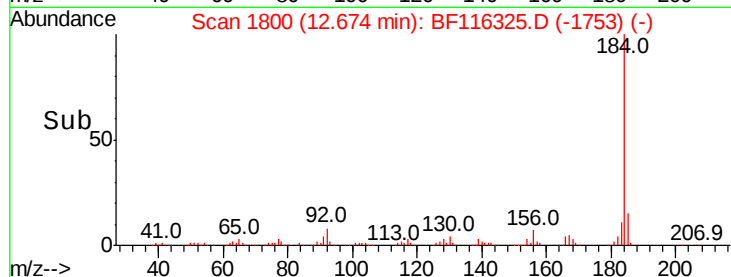
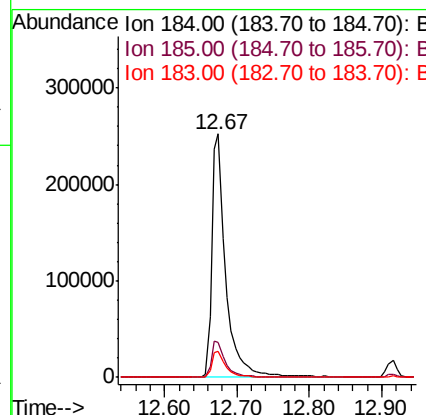
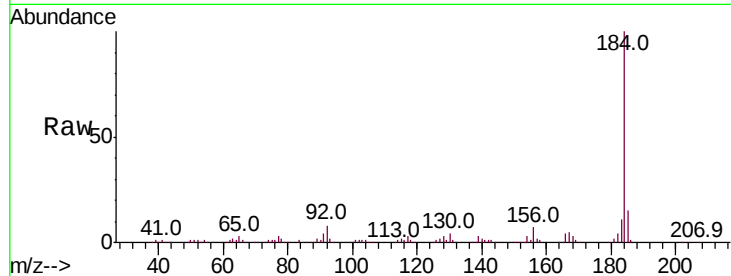
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	336833
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.8	19.2
183	10.8	9.4	14.0

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#78

Pyrene

Concen: 44.983 ng

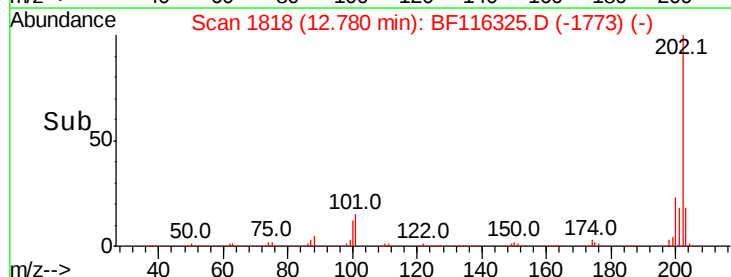
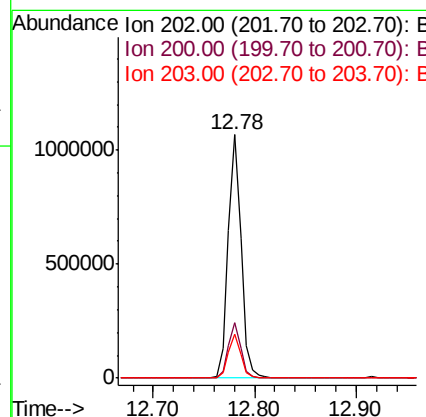
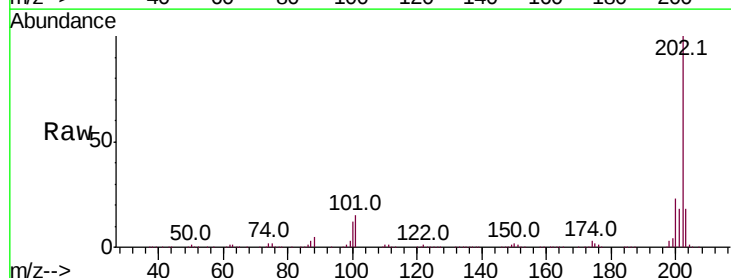
RT: 12.78 min Scan# 1818

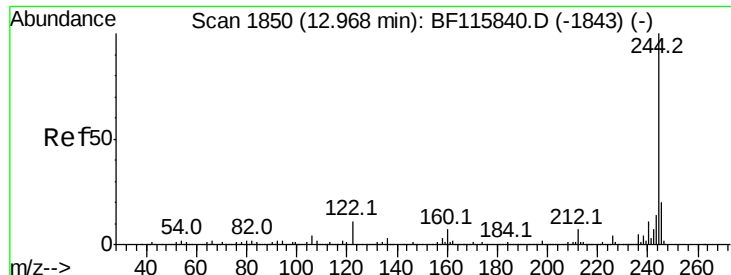
Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Tgt Ion:	202	Resp:	947226
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.0	27.0
203	18.1	14.1	21.1





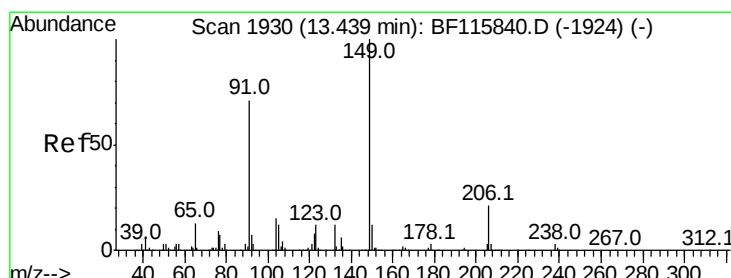
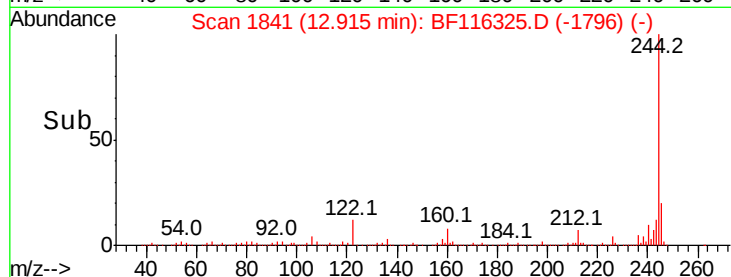
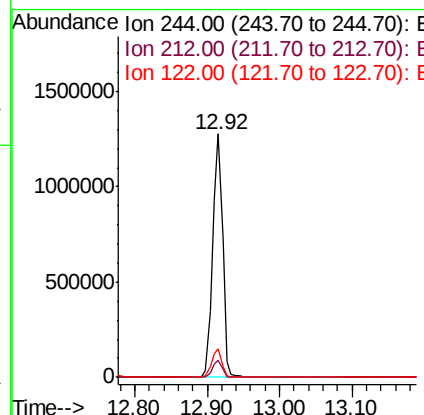
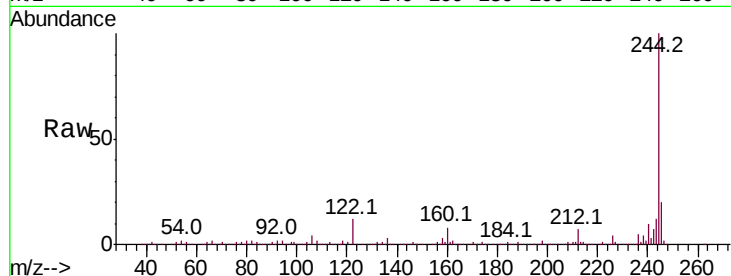
#79
 Terphenyl-d14
 Concen: 91.862 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.9	9.0	13.4

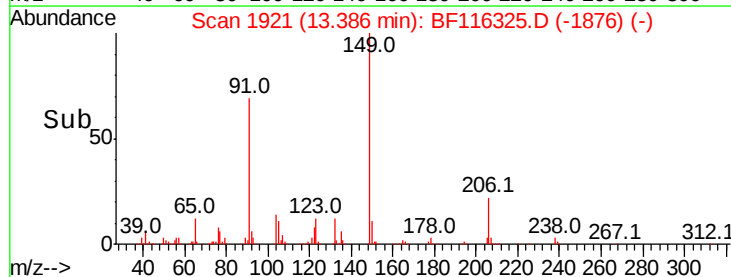
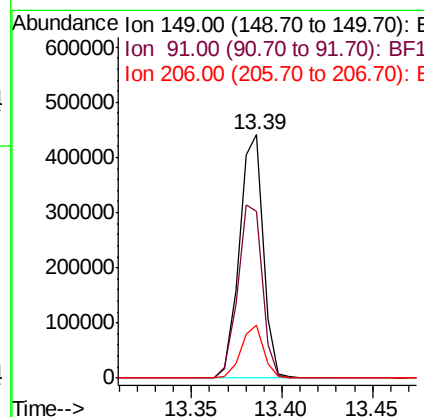
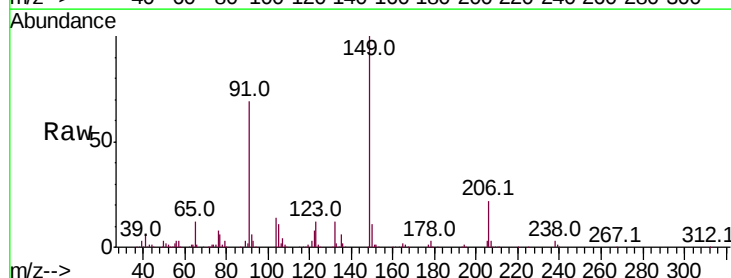
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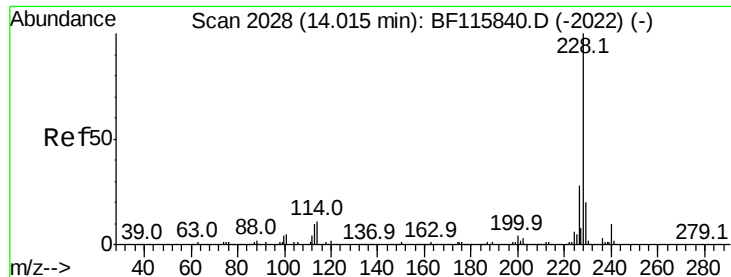
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#80
 Butylbenzylphthalate
 Concen: 45.358 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.04 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.7	56.3	84.5
206	21.6	18.0	27.0





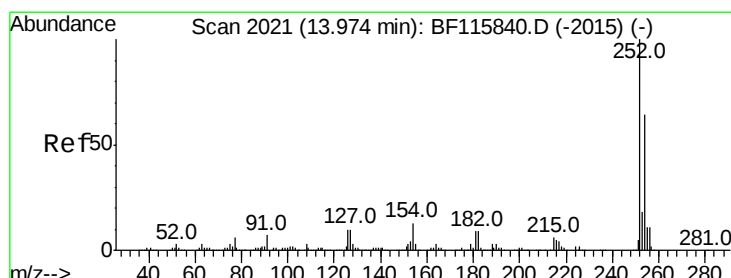
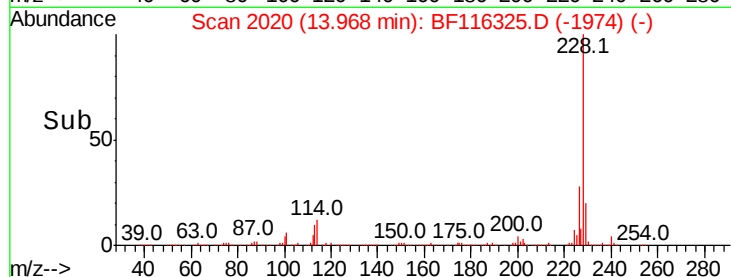
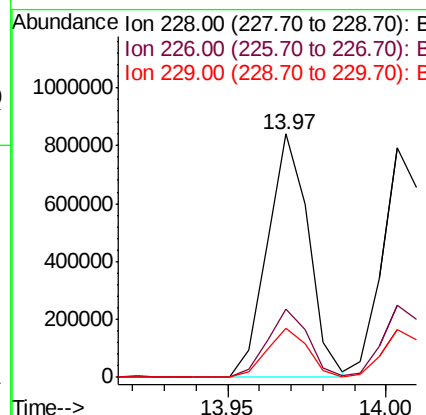
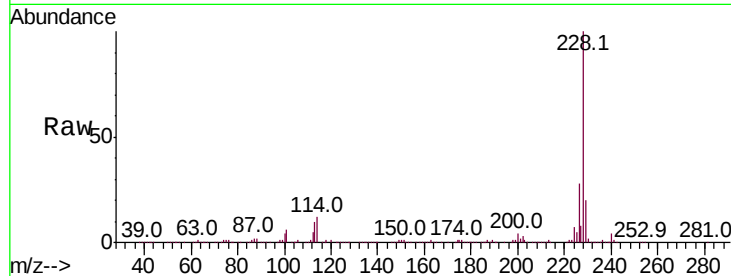
#81
Benzo(a)anthracene
Concen: 42.537 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.7	34.1
229	20.0	16.2	24.4

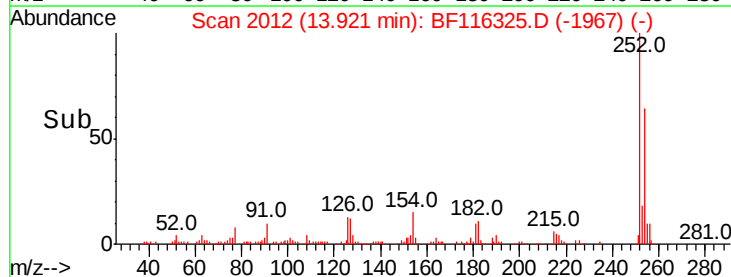
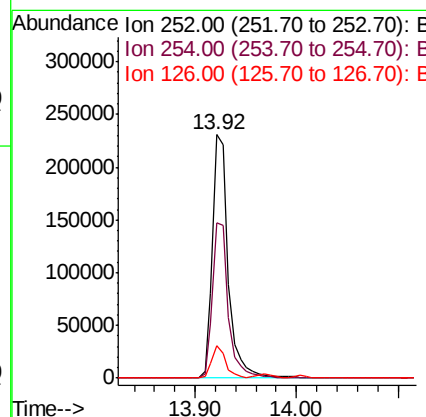
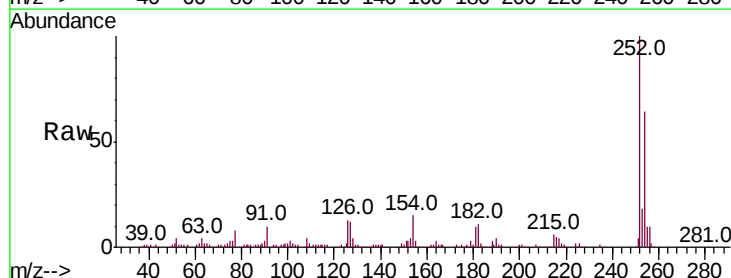
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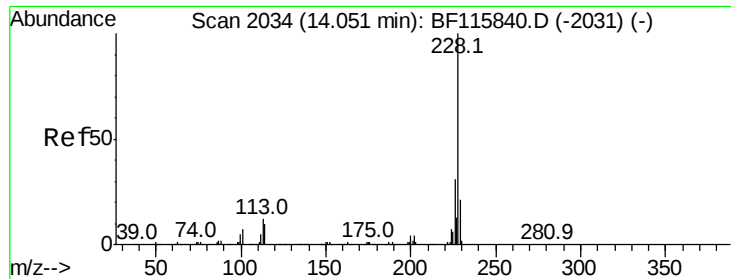
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#82
3,3'-Dichlorobenzidine
Concen: 40.483 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.9	76.3
126	13.4	9.8	14.8





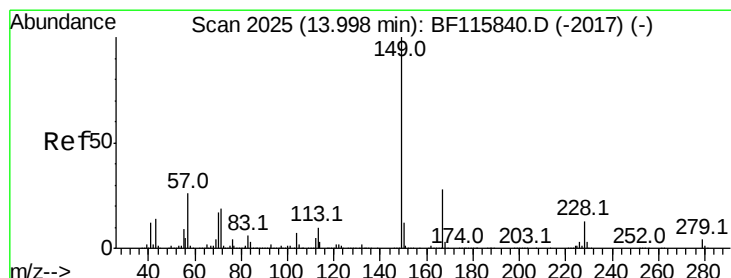
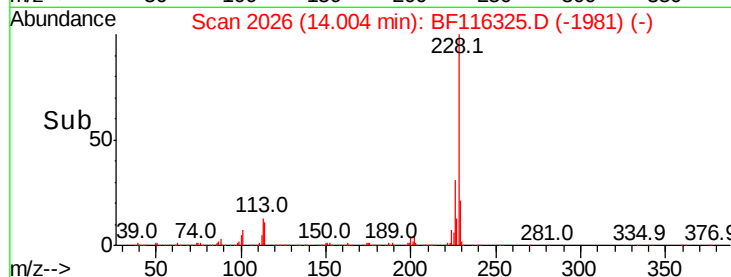
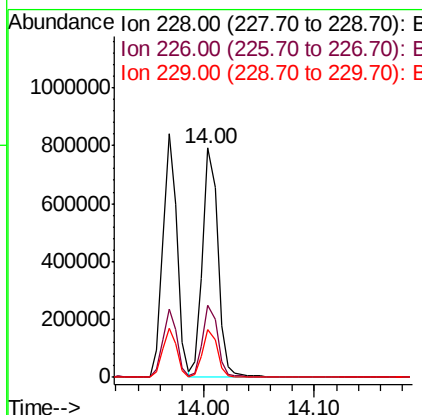
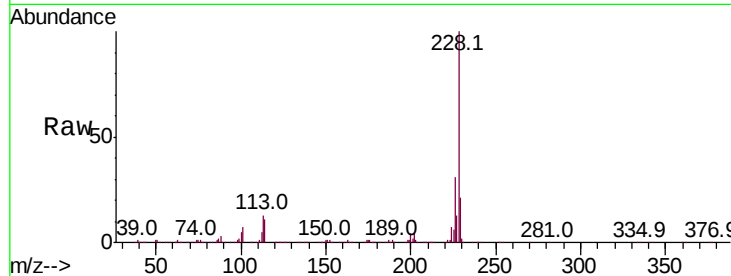
#83
 Chrysene
 Concen: 43.011 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.04 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	20.6	16.6	24.8

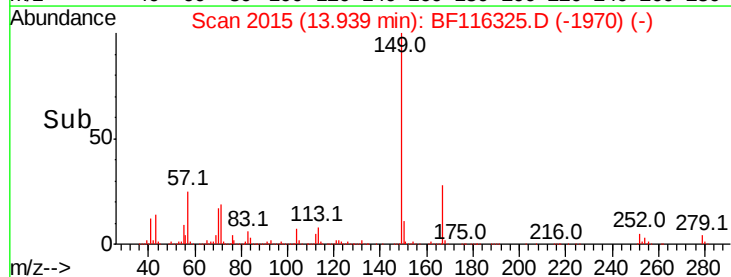
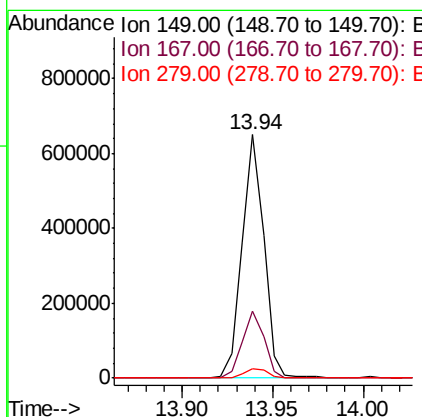
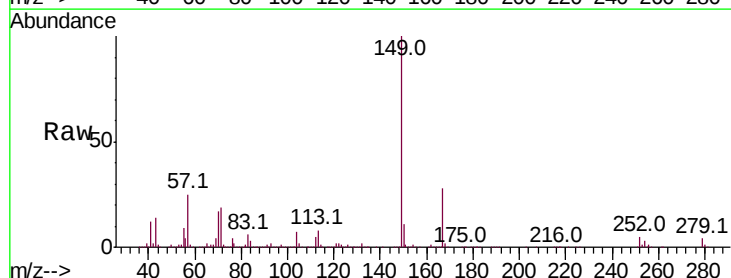
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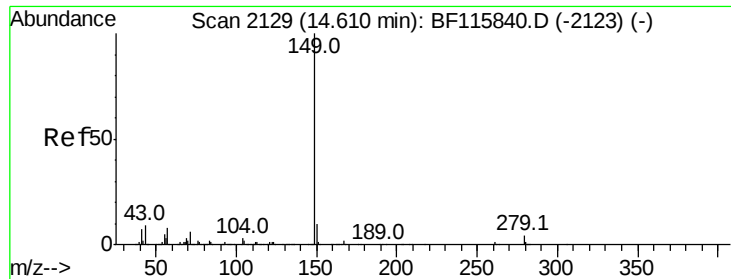
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.162 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.04 min
 Lab File: BF116325.D
 Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.6	32.4
279	4.0	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 45.876 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

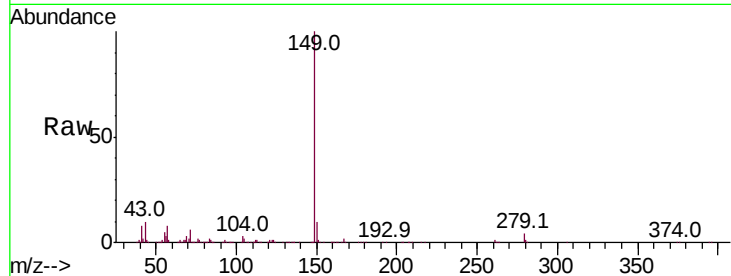
ClientSampleId :

SSTDCCC040

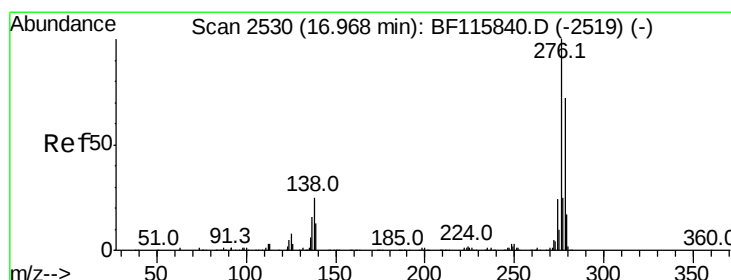
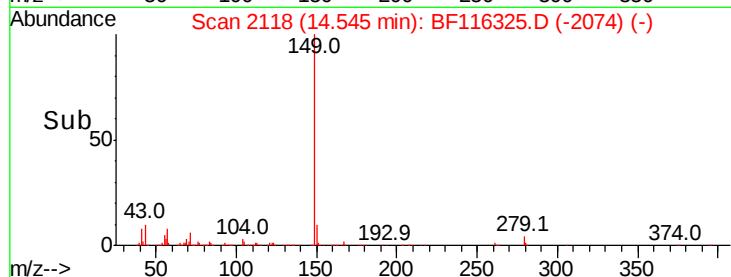
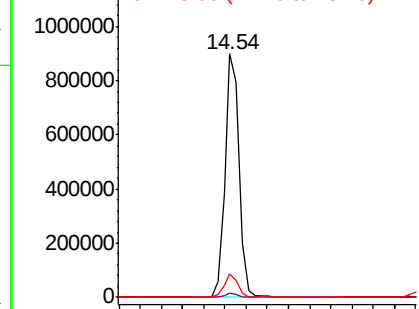
Tot Ion	149	Resp	843448
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.4	2.0
43	9.2	7.5	11.3

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Abundance Ion 149.00 (148.70 to 149.70): E
1200000
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: 43.364 ng

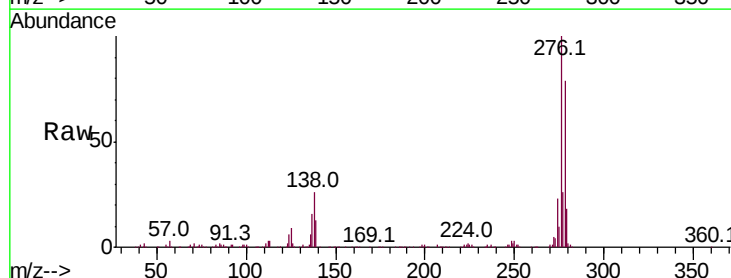
RT: 16.90 min Scan# 2518

Delta R.T. -0.05 min

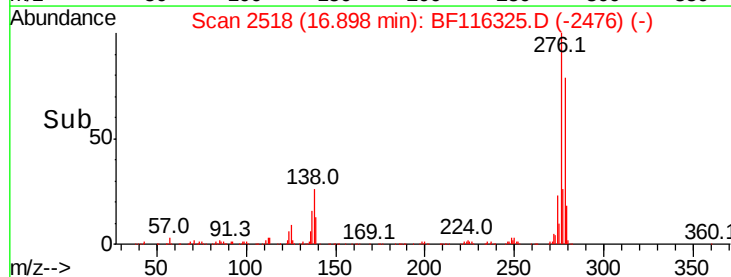
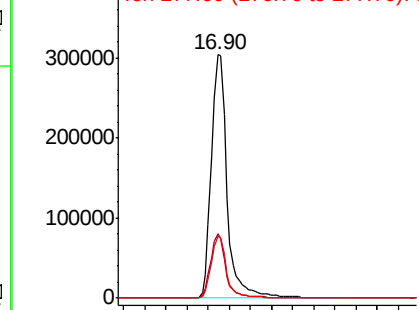
Lab File: BF116325.D

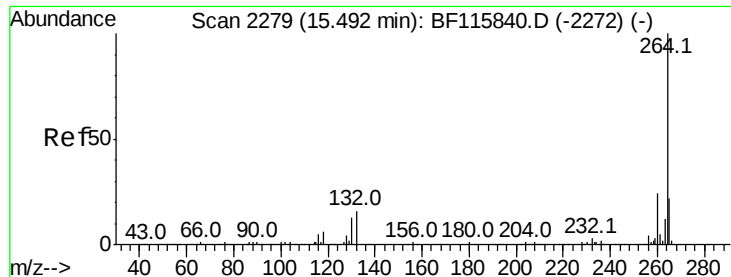
Acq: 16 Aug 2019 18:45

Tgt Ion	276	Resp	631324
Ion Ratio	Lower	Upper	
276	100		
138	25.9	20.4	30.6
277	25.1	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
400000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.04 min

Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Instrument :

BNA_F

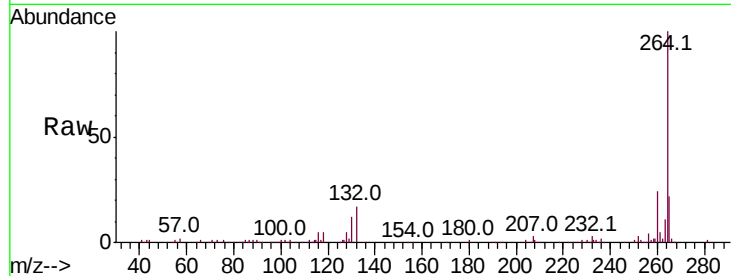
ClientSampleId :

SSTDCCC040

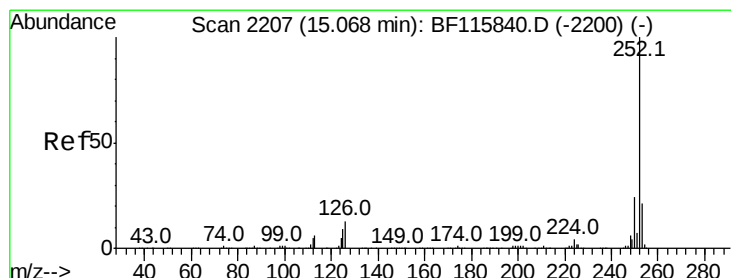
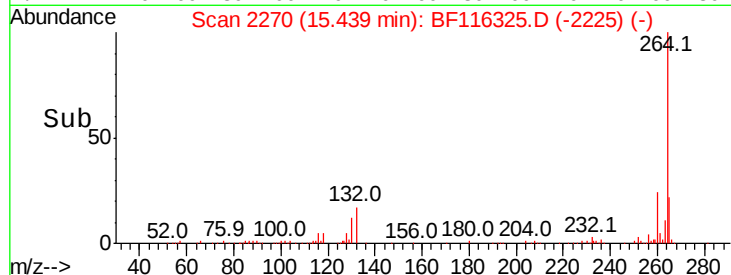
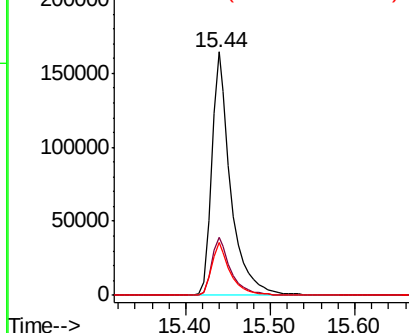
Tot Ion:	264	Resp:	260259
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.7	29.5
265	21.6	17.4	26.0

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.630 ng

RT: 15.02 min Scan# 2198

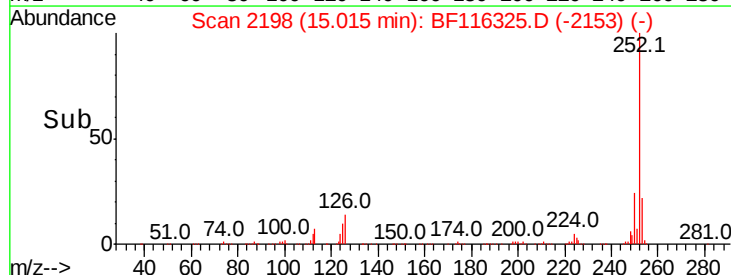
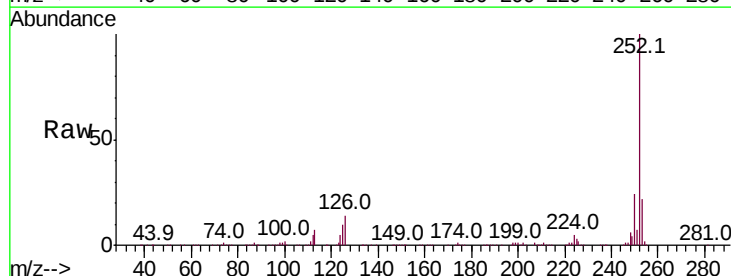
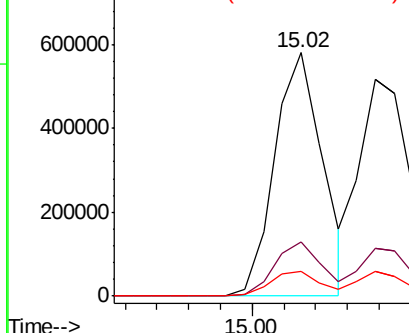
Delta R.T. -0.04 min

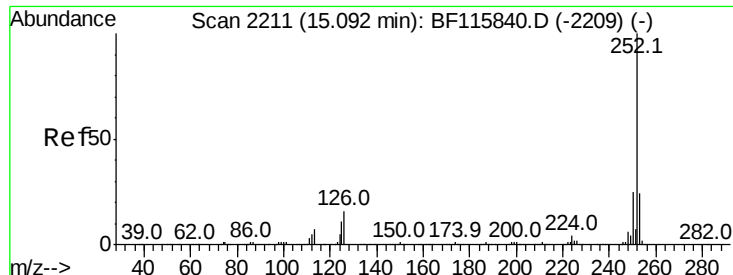
Lab File: BF116325.D

Acq: 16 Aug 2019 18:45

Tgt Ion:	252	Resp:	611417
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	10.4	8.4	12.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





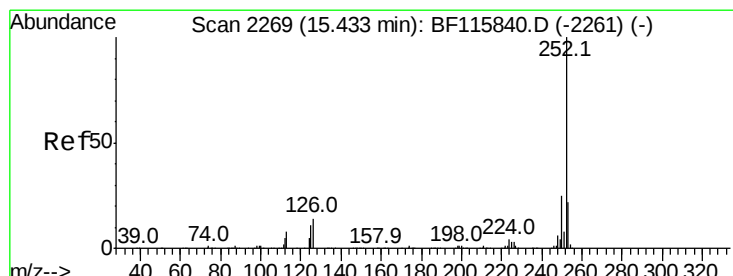
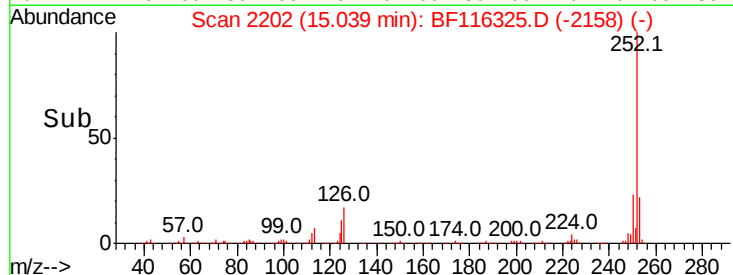
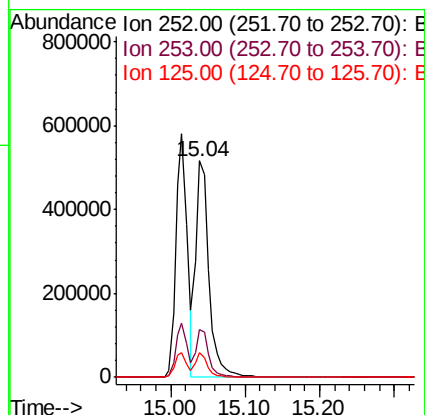
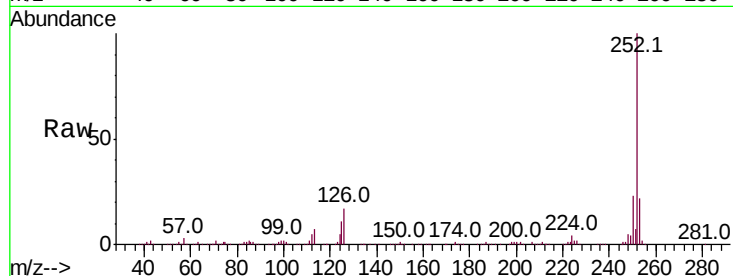
#89
Benzo(k)fluoranthene
Concen: 43.366 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	11.4	7.7	11.5

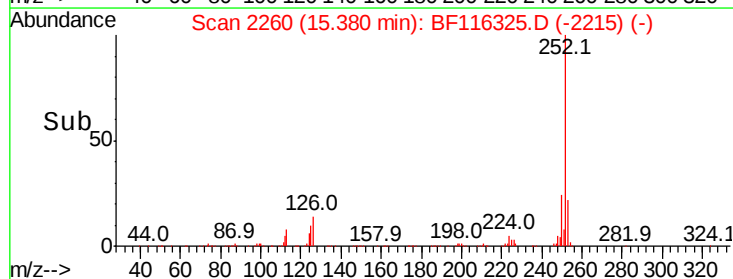
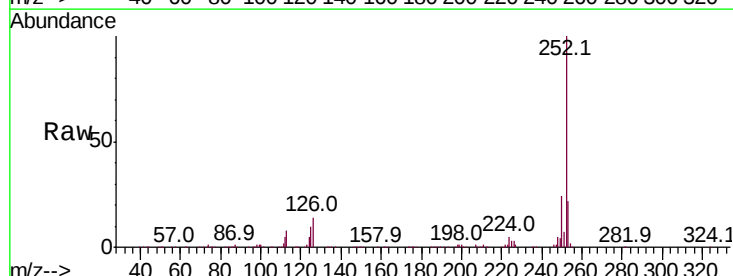
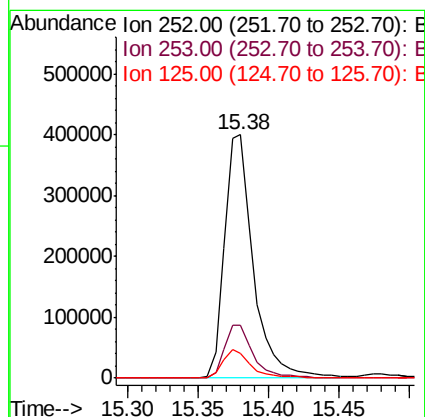
Manual Integrations
APPROVED

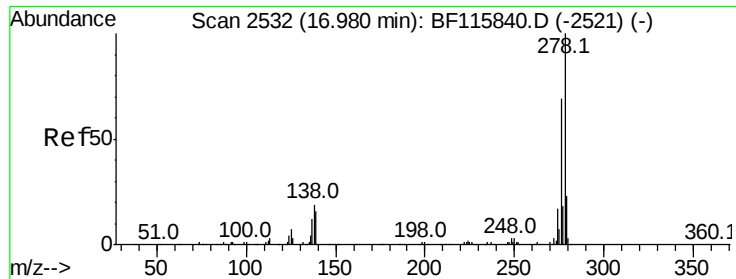
mohammad
8/20/2019 8:36:53 AM



#90
Benzo(a)pyrene
Concen: 42.168 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.04 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.2	8.9	13.3





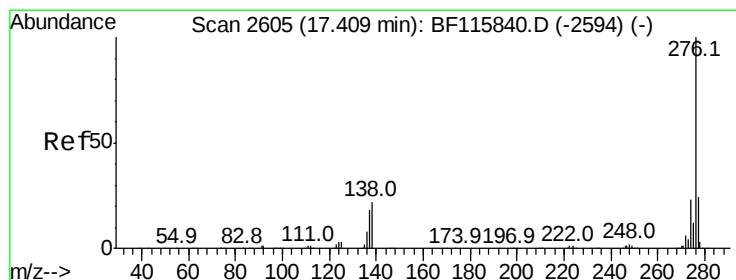
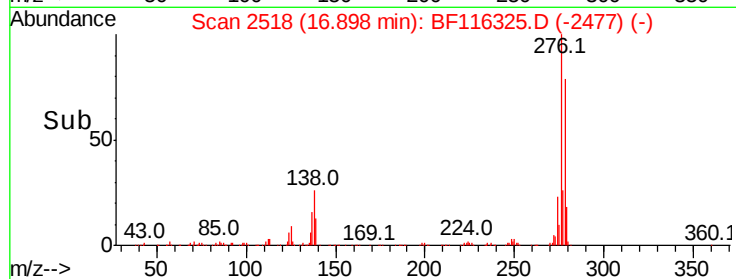
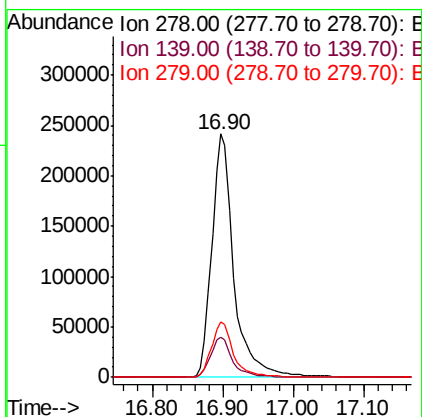
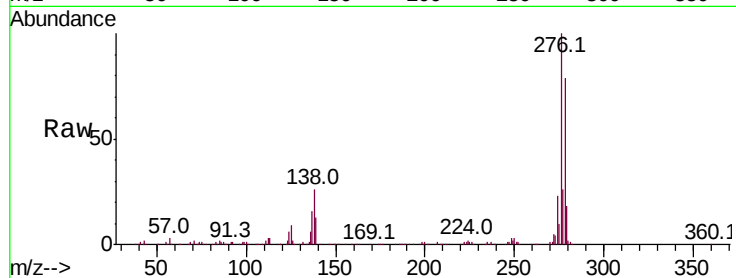
#91
Dibenzo(a,h)anthracene
Concen: 44.924 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.06 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.8	19.2
279	22.5	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/20/2019 8:36:53 AM



#92
Benzo(g,h,i)perylene
Concen: 44.325 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.05 min
Lab File: BF116325.D
Acq: 16 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.4	27.6
138	21.8	17.0	25.6

