

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117238.D
 Acq On : 25 Sep 2019 14:02
 Operator : JU
 Sample : K5008-07MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Manual Integrations
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 9/26/2019 3:53:35 PM

Quant Time: Sep 26 03:13:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	37738	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	154280	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	80441	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	122492	20.00	ng	0.00
76) Chrysene-d12	13.98	240	70001	20.00	ng	0.00
87) Perylene-d12	15.44	264	65907	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	223213	92.34	ng	0.01
7) Phenol-d6	6.46	99	312991	100.19	ng	0.00
23) Nitrobenzene-d5	7.38	82	193023	65.74	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	57152	85.01	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	314875	61.20	ng	0.00
79) Terphenyl-d14	12.92	244	250908	67.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	34428	34.038	ng	# 96
3) Pyridine	3.40	79	80756	29.170	ng	95
4) n-Nitrosodimethylamine	3.35	42	40336	42.456	ng	83
6) Aniline	6.48	93	99003	24.616	ng	# 59
8) 2-Chlorophenol	6.61	128	108262	41.517	ng	95
9) Benzaldehyde	6.36	77	74025	49.719	ng	96
10) Phenol	6.47	94	144535	41.970	ng	91
11) bis(2-Chloroethyl)ether	6.55	93	100760	39.810	ng	98
12) 1,3-Dichlorobenzene	6.76	146	112610	38.484	ng	97
13) 1,4-Dichlorobenzene	6.83	146	114400	38.310	ng	98
14) 1,2-Dichlorobenzene	6.99	146	108913	39.174	ng	98
15) Benzyl Alcohol	6.96	79	99908	41.706	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	94300	37.711	ng	# 42
17) 2-Methylphenol	7.08	107	89980	41.172	ng	# 90
18) Hexachloroethane	7.32	117	44138	38.422	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	79342	41.711	ng	93
20) 3+4-Methylphenols	7.23	107	113330	41.632	ng	# 72
22) Acetophenone	7.23	105	163824	41.794	ng	98
24) Nitrobenzene	7.40	77	118503	40.867	ng	99
25) Isophorone	7.64	82	218470	42.022	ng	99
26) 2-Nitrophenol	7.72	139	54861	44.047	ng	93
27) 2,4-Dimethylphenol	7.76	122	91308	46.228	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	128262	40.043	ng	98
29) 2,4-Dichlorophenol	7.96	162	86188	41.645	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	86603	38.732	ng	99
31) Naphthalene	8.12	128	308330	41.554	ng	99
32) Benzoic acid	7.89	122	30339	24.142	ng	93
33) 4-Chloroaniline	8.17	127	43342	13.170	ng	98
34) Hexachlorobutadiene	8.24	225	51178	40.344	ng	97
35) Caprolactam	8.55	113	26070m	37.216	ng	
36) 4-Chloro-3-methylphenol	8.66	107	100640	41.704	ng	95
37) 2-Methylnaphthalene	8.81	142	212330	42.496	ng	100
38) 1-Methylnaphthalene	8.91	142	195674	41.814	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	85215	41.024	ng	97

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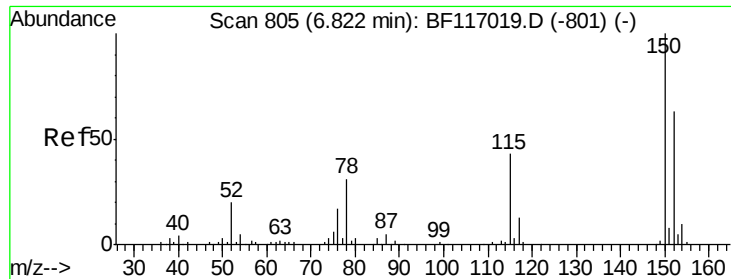
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	56652	63.496	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	56173	39.849	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	60613	40.245	nq	97
46) 1,1'-Biphenyl	9.27	154	252701	40.049	nq	96
47) 2-Chloronaphthalene	9.30	162	194269	39.012	nq	99
48) 2-Nitroaniline	9.40	65	60679	37.989	nq	94
49) Acenaphthylene	9.72	152	307737	41.252	nq	99
50) Dimethylphthalate	9.57	163	269728	47.357	nq	98
51) 2,6-Dinitrotoluene	9.64	165	49689	42.835	nq #	86
52) Acenaphthene	9.89	154	177820	40.211	nq	99
53) 3-Nitroaniline	9.81	138	32073	21.914	nq	94
54) 2,4-Dinitrophenol	9.93	184	17826	40.678	nq	93
55) Dibenzofuran	10.06	168	271834	41.663	nq	99
56) 4-Nitrophenol	9.99	139	51407	54.194	nq	94
57) 2,4-Dinitrotoluene	10.05	165	64572	42.883	nq #	88
58) Fluorene	10.40	166	219679	41.798	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	47826	41.497	nq	97
60) Diethylphthalate	10.27	149	229650	40.983	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	95477	41.987	nq	97
62) 4-Nitroaniline	10.43	138	48774	32.045	nq	89
63) Azobenzene	10.55	77	238896	41.743	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	19426	36.703	nq	88
66) n-Nitrosodiphenylamine	10.51	169	188263	44.503	nq	98
67) 4-Bromophenyl-phenylether	10.88	248	54073	43.226	nq	96
68) Hexachlorobenzene	10.96	284	57312	41.888	nq	99
69) Atrazine	11.04	200	48733	46.798	nq	98
70) Pentachlorophenol	11.15	266	47018	73.311	nq	98
71) Phenanthrene	11.36	178	291846	41.947	nq	99
72) Anthracene	11.42	178	299466	42.160	nq	99
73) Carbazole	11.57	167	252700	37.480	nq	99
74) Di-n-butylphthalate	11.89	149	349827	43.609	nq	98
75) Fluoranthene	12.55	202	271642	37.998	nq	99
77) Benzidine	12.67	184	60866	26.993	nq	99
78) Pyrene	12.78	202	263385	44.842	nq	99
80) Butylbenzylphthalate	13.39	149	117429	42.311	nq	97
81) Benzo(a)anthracene	13.97	228	184201	39.386	nq	97
82) 3,3'-Dichlorobenzidine	13.93	252	43037	28.556	nq	95
83) Chrysene	14.01	228	178719	39.180	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	169176	47.276	nq	99
85) Di-n-octyl phthalate	14.57	149	263022	46.699	nq	100
86) Indeno(1,2,3-cd)pyrene	16.91	276	162581	48.855	nq	98
88) Benzo(b)fluoranthene	15.03	252	151556	37.963	nq	98
89) Benzo(k)fluoranthene	15.06	252	153777	40.663	nq	96
90) Benzo(a)pyrene	15.39	252	147457	42.092	nq	97
91) Dibenzo(a,h)anthracene	16.92	278	136870	49.043	nq	98
92) Benzo(g,h,i)perylene	17.34	276	127789	45.951	nq	97

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



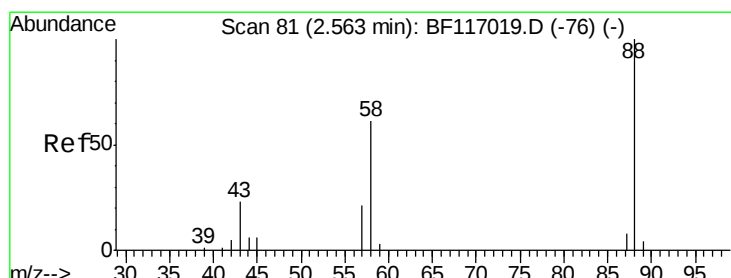
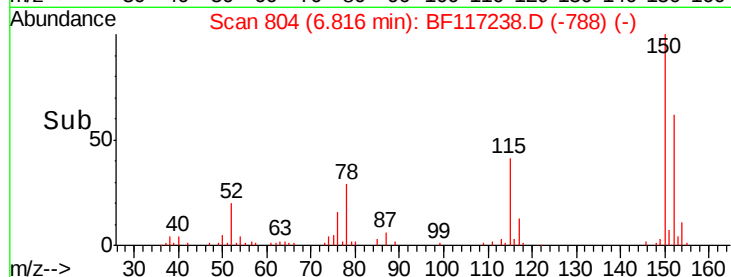
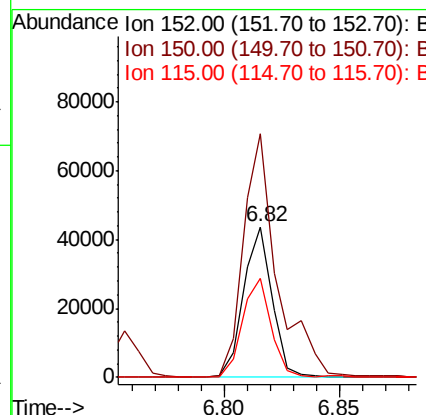
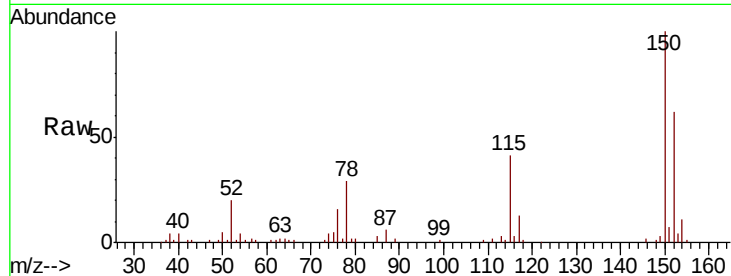
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	127.5	191.3
115	66.0	55.0	82.4

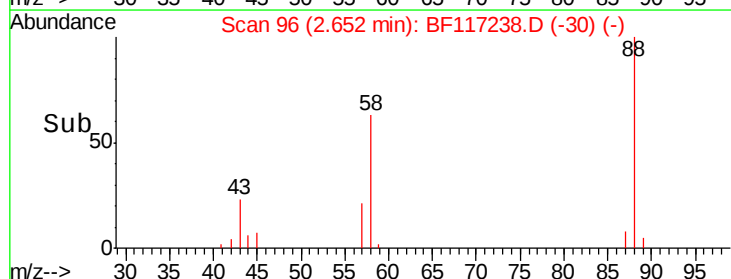
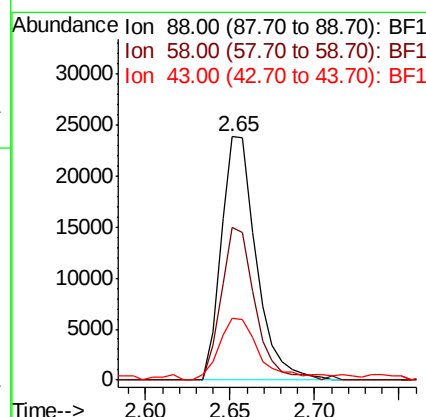
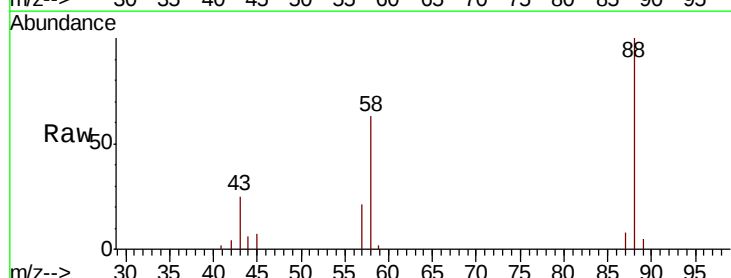
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#2
 1,4-Dioxane
 Concen: 34.038 ng
 RT: 2.65 min Scan# 96
 Delta R.T. 0.09 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.0	49.3	73.9
43	30.3	18.8	28.2





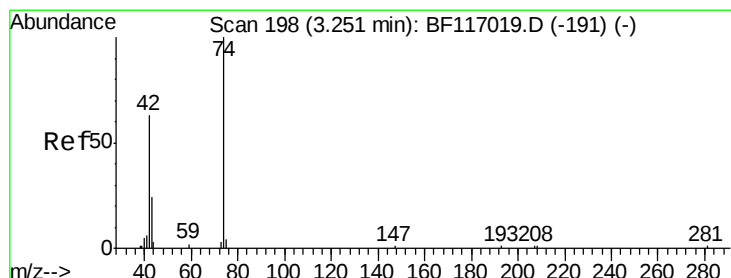
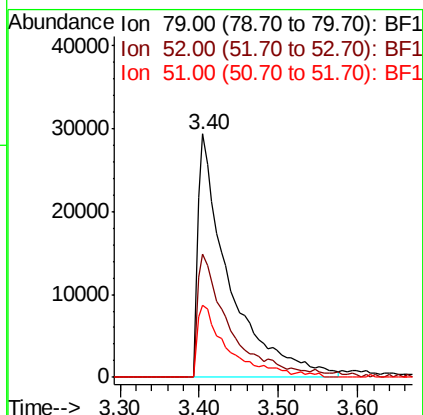
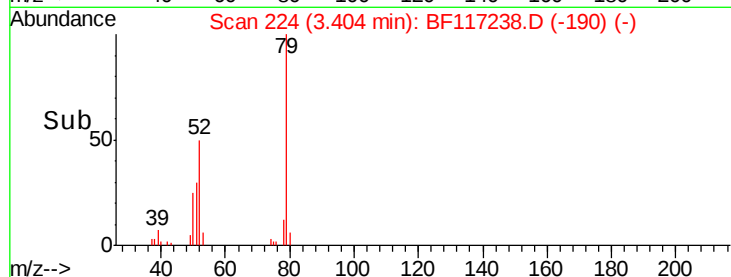
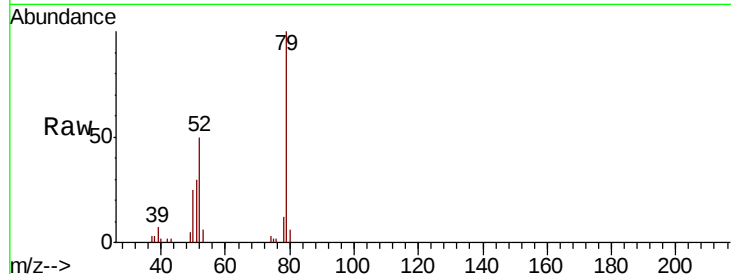
#3
 Pvridine
 Concen: 29.170 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.10 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Tot Ion:	79	Resp:	80756
Ion	Ratio	Lower	Upper
79	100		
52	50.5	43.5	65.3
51	29.6	21.8	32.6

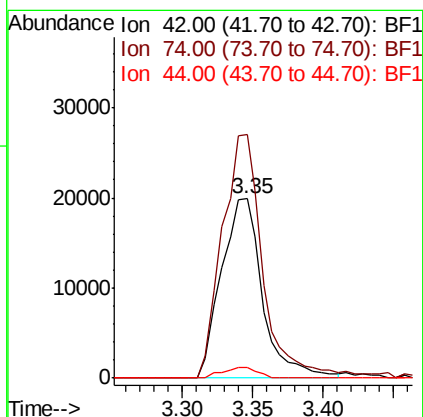
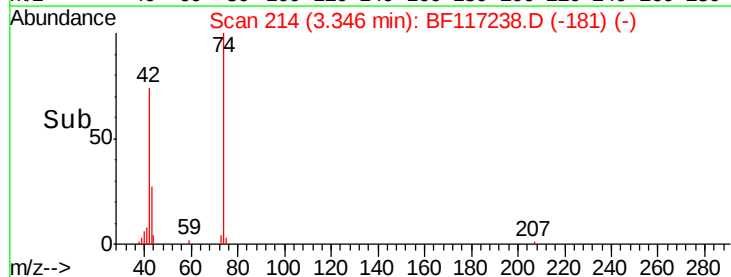
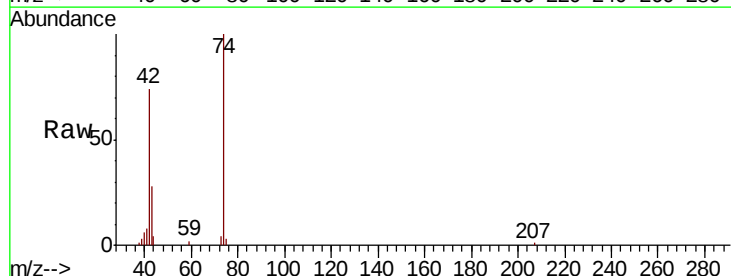
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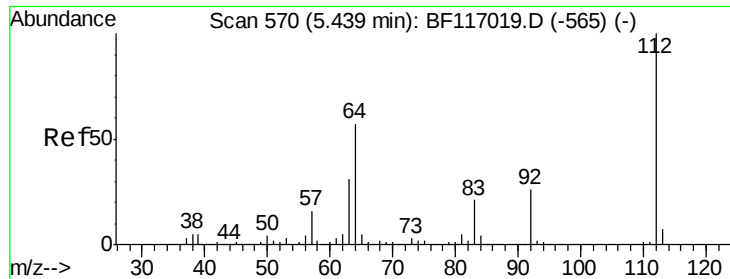
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#4
 n-Nitrosodimethylamine
 Concen: 42.456 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.09 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion:	42	Resp:	40336
Ion	Ratio	Lower	Upper
42	100		
74	135.8	127.1	190.7
44	6.1	4.3	6.5





#5

2-Fluorophenol

Concen: 92.345 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

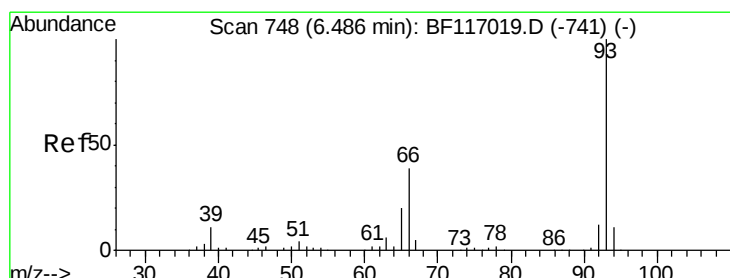
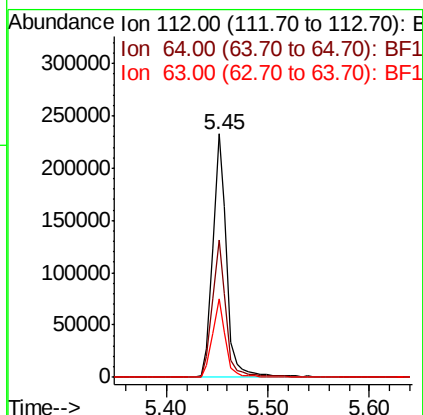
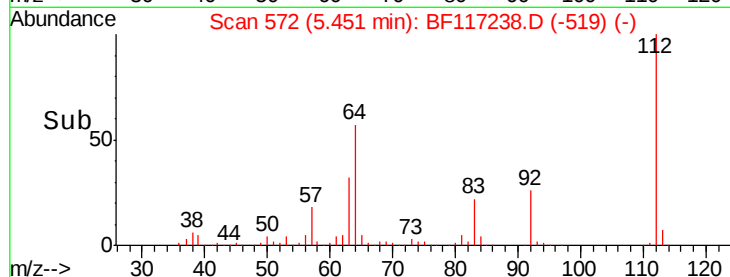
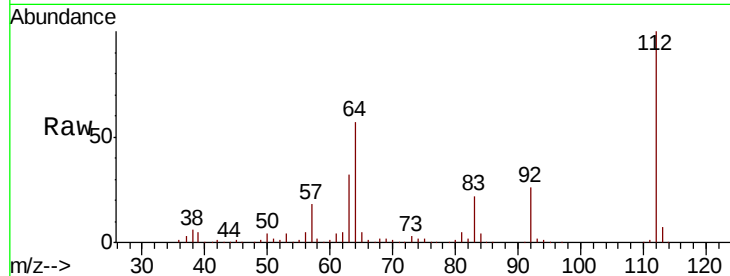
ClientSampleId :

SB-7MS

Tot Ion:	112	Resp:	223213
Ion Ratio	Lower	Upper	
112	100		
64	56.5	45.7	68.5
63	32.0	24.9	37.3

Manual Integrations
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#6

Aniline

Concen: 24.616 ng

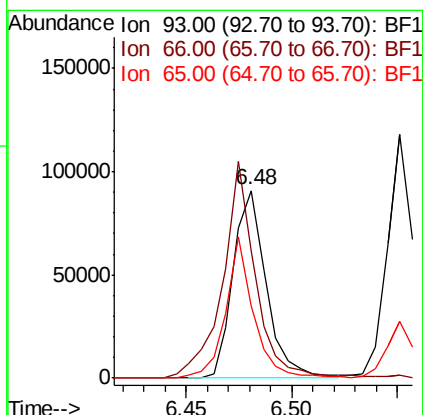
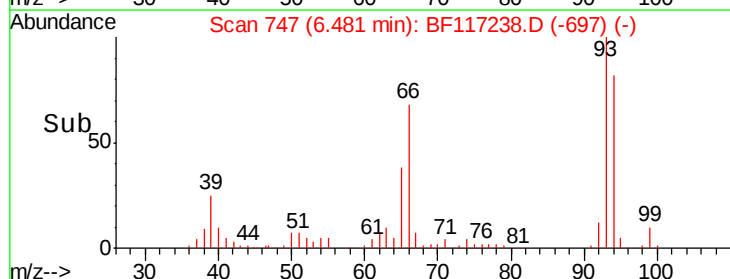
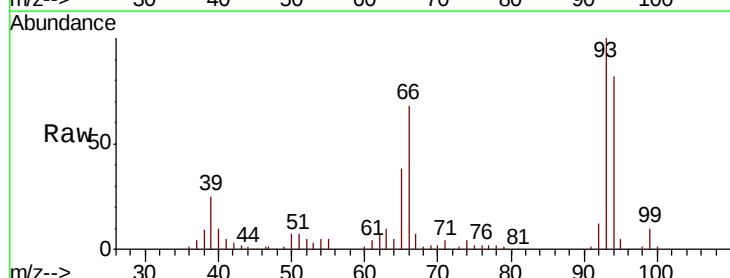
RT: 6.48 min Scan# 747

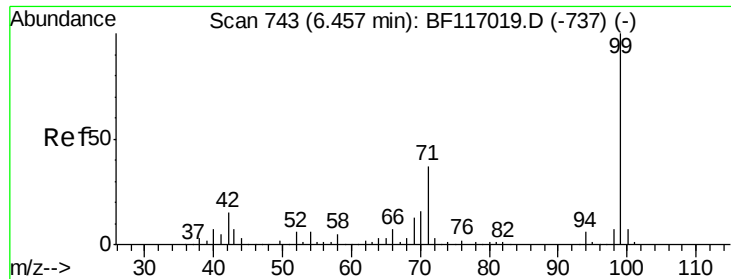
Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Tgt Ion:	93	Resp:	99003
Ion Ratio	Lower	Upper	
93	100		
66	67.7	32.6	49.0#
65	38.1	16.7	25.1#





#7

Phenol-d6

Concen: 100.194 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

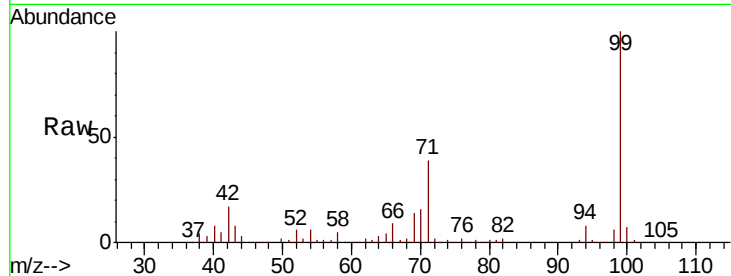
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SB-7MS

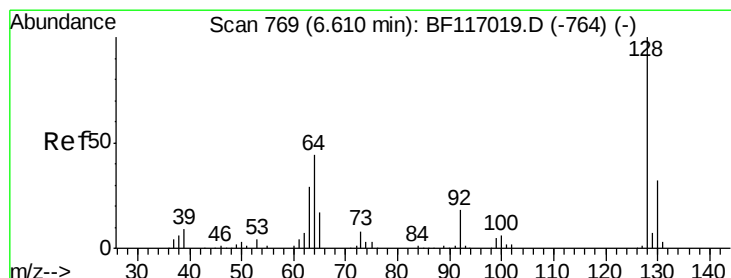
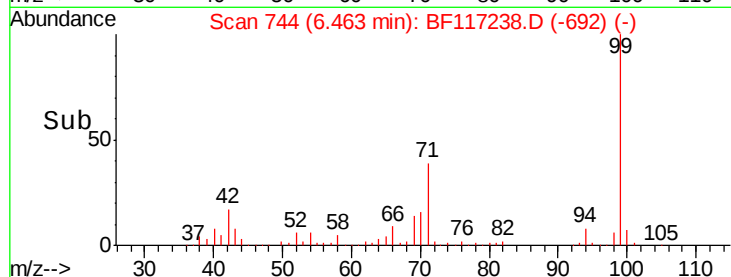
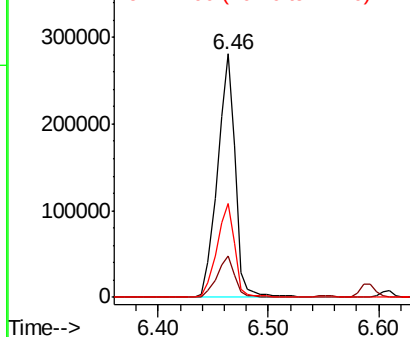
Tot Ion:	99	Resp:	312991
Ion Ratio	Lower	Upper	
99	100		
42	16.9	12.2	18.2
71	38.6	29.8	44.8

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.517 ng

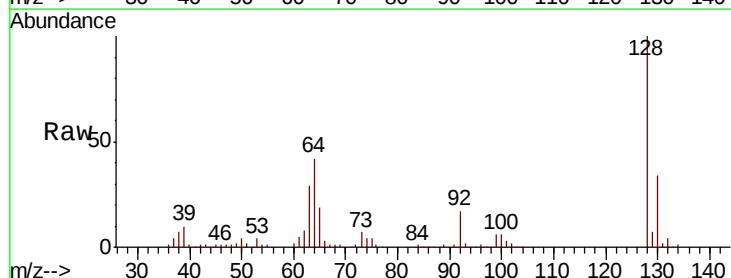
RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

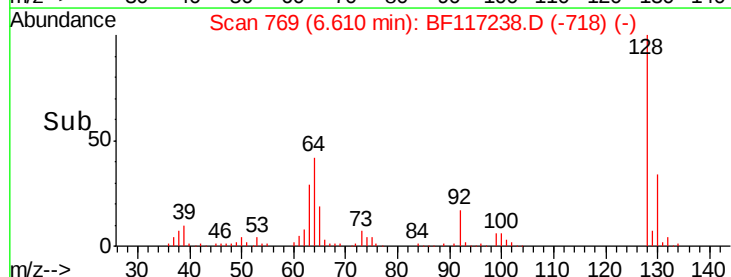
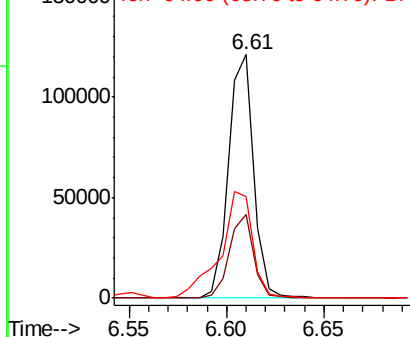
Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Tgt Ion:	128	Resp:	108262
Ion Ratio	Lower	Upper	
128	100		
130	34.4	11.8	51.8
64	41.6	25.0	65.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 49.719 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

ClientSampleId :

SB-7MS

Tot Ion: 77 Resp: 74025

Ion Ratio Lower Upper

77 100

105 95.4 81.8 121.8

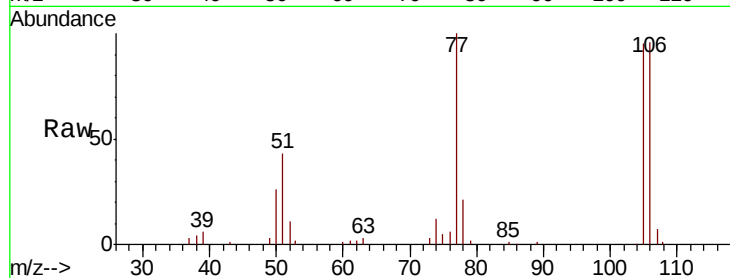
106 95.6 77.3 117.3

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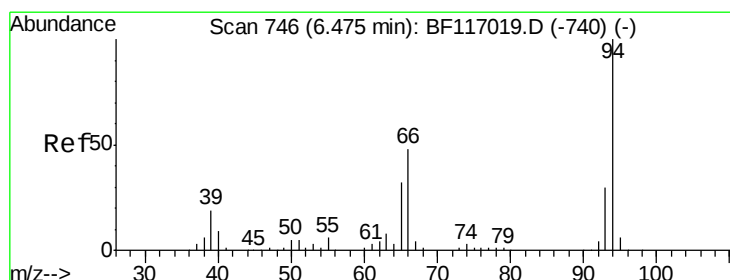
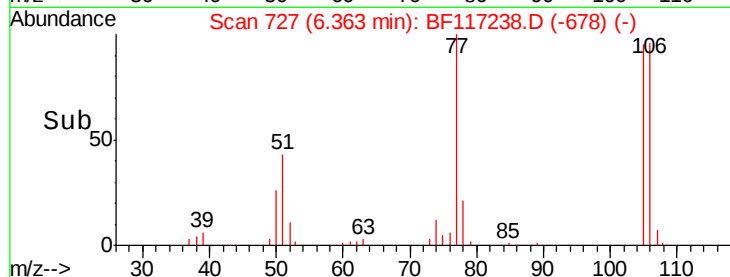
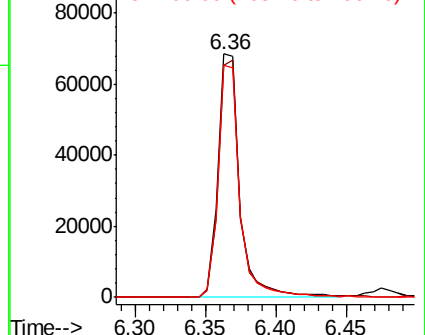
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.970 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

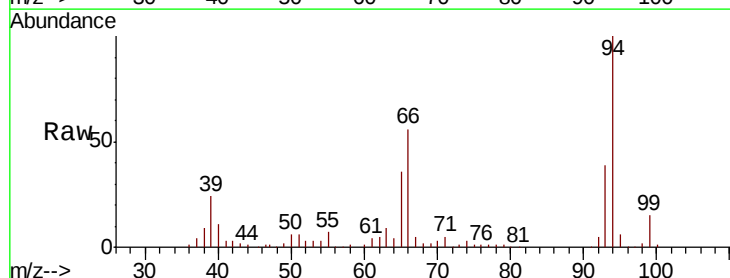
Tgt Ion: 94 Resp: 144535

Ion Ratio Lower Upper

94 100

65 36.3 12.5 52.5

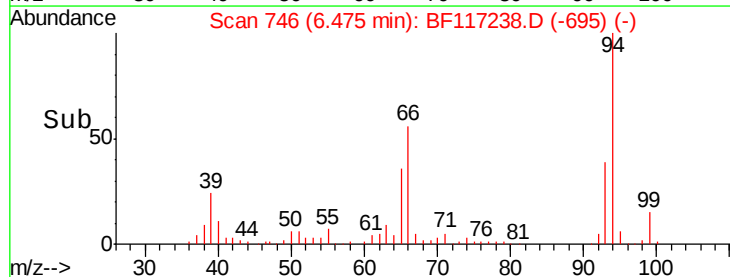
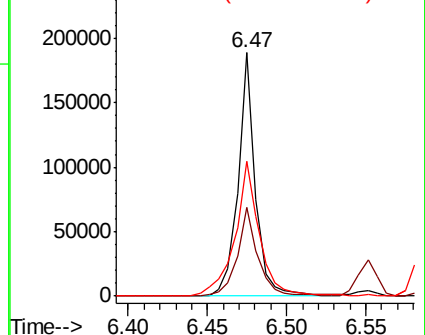
66 55.6 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





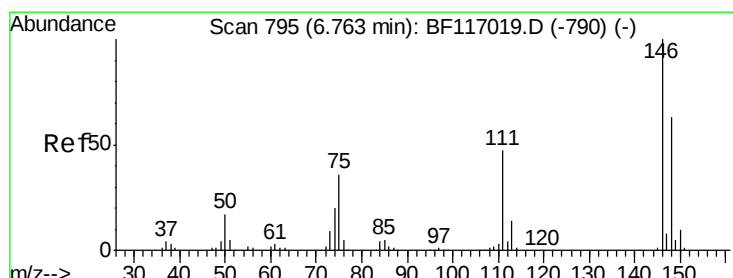
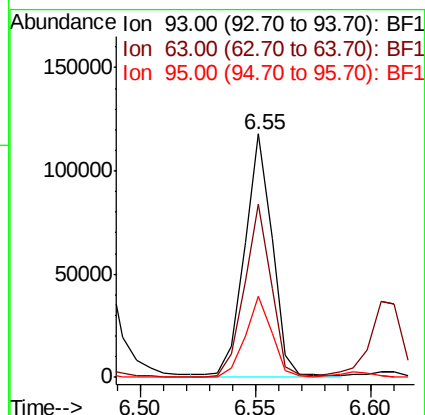
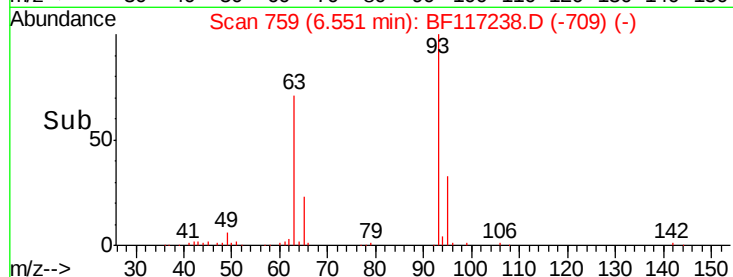
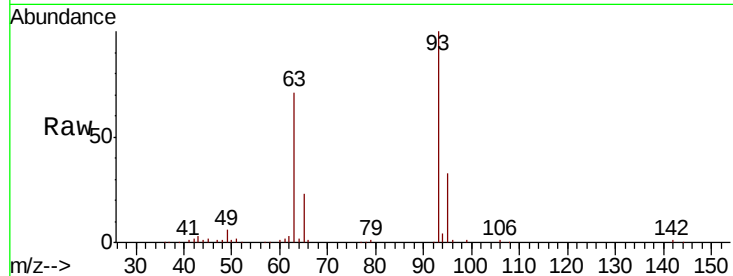
#11
bis(2-Chloroethyl)ether
Concen: 39.810 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion:	93	Resp:	100760
Ion Ratio	Lower	Upper	
93	100		
63	71.0	49.3	89.3
95	33.2	11.5	51.5

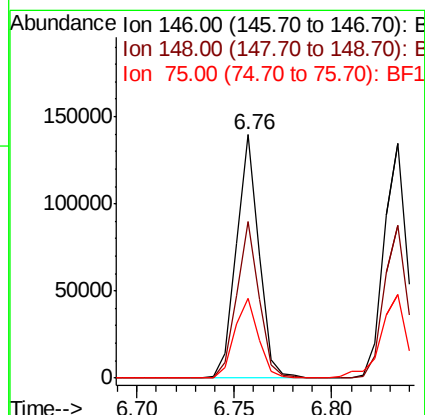
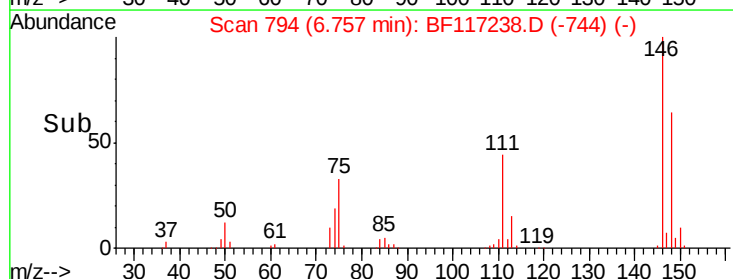
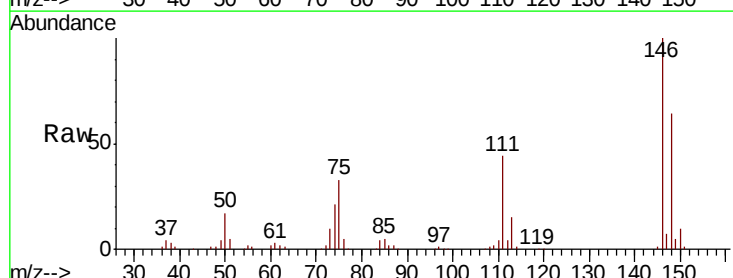
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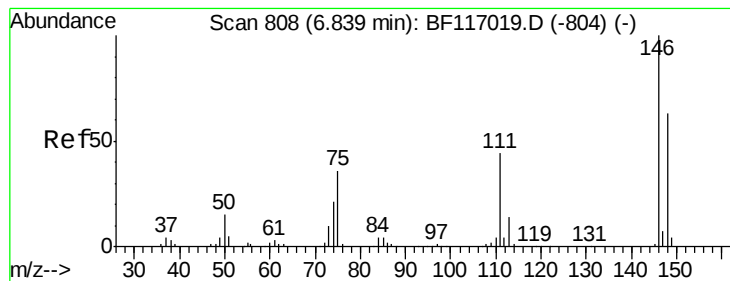
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.484 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion:	146	Resp:	112610
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.8	76.2
75	33.0	28.7	43.1





#13

1,4-Dichlorobenzene

Concen: 38.310 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

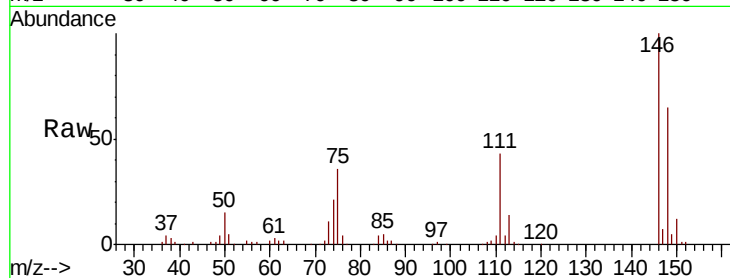
ClientSampled :

SB-7MS

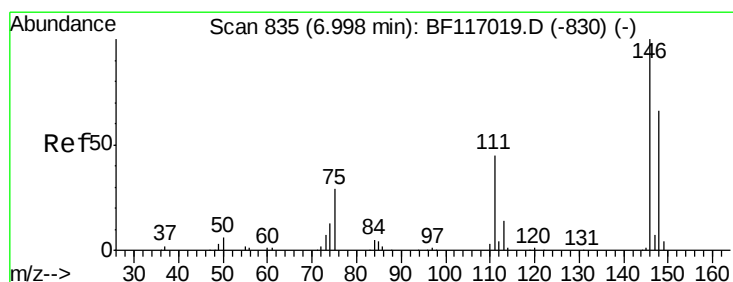
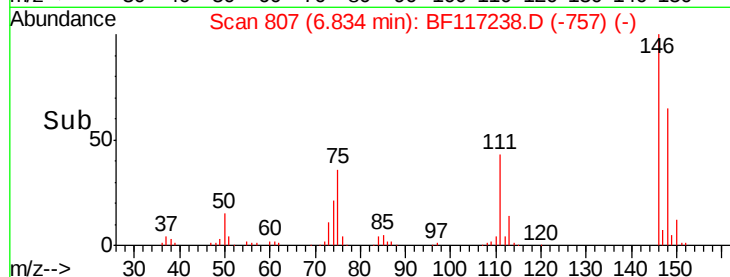
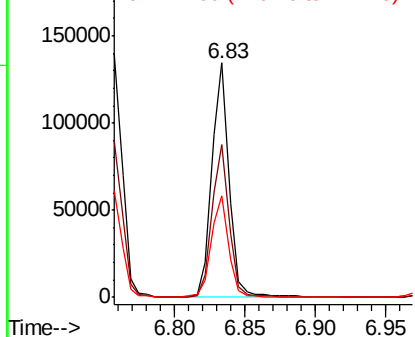
Tot Ion:	146	Resp:	114400
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.6	76.0
111	43.4	35.0	52.6

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.174 ng

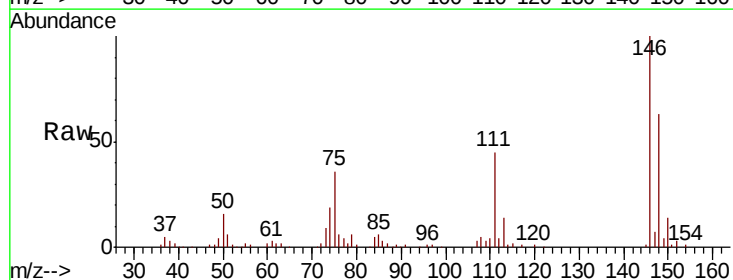
RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

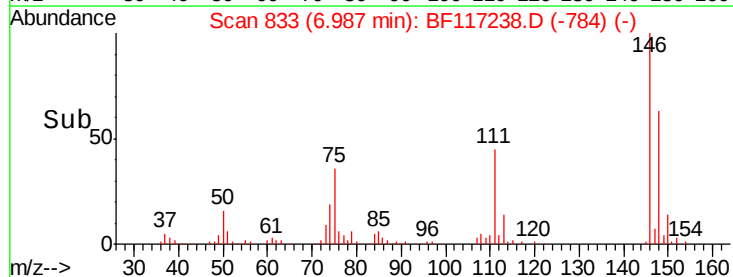
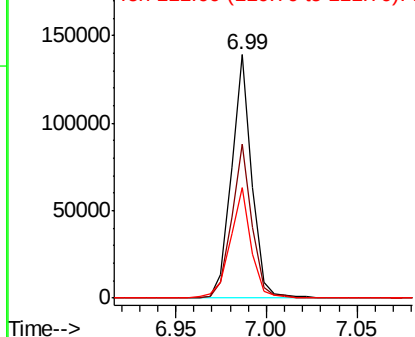
Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Tgt Ion:	146	Resp:	108913
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.6	78.8
111	45.4	36.2	54.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.706 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

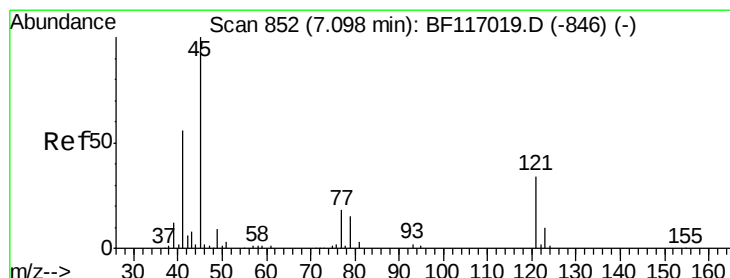
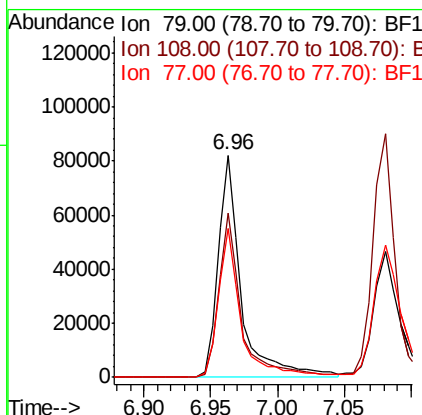
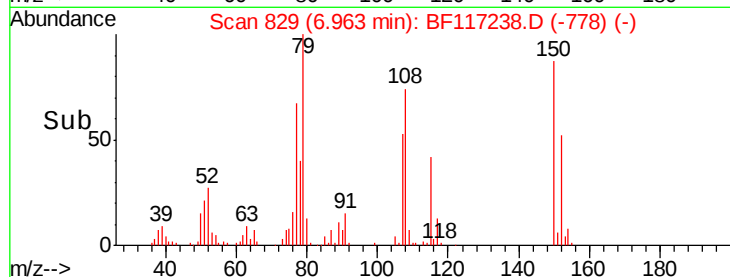
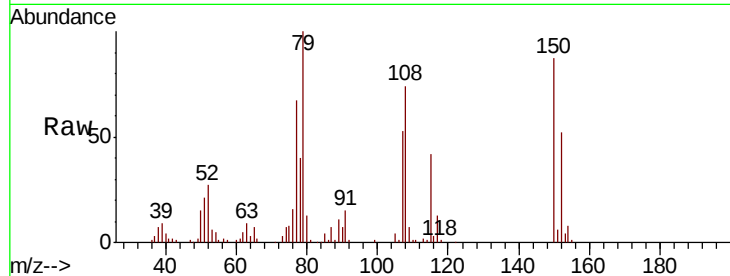
ClientSampleId :

SB-7MS

Tot Ion:	79	Resp:	99908
Ion	Ratio	Lower	Upper
79	100		
108	73.9	59.4	89.0
77	66.9	50.2	75.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.711 ng

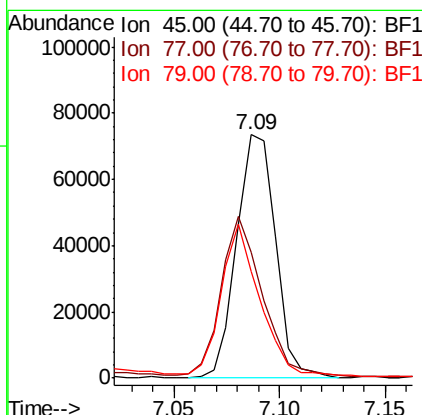
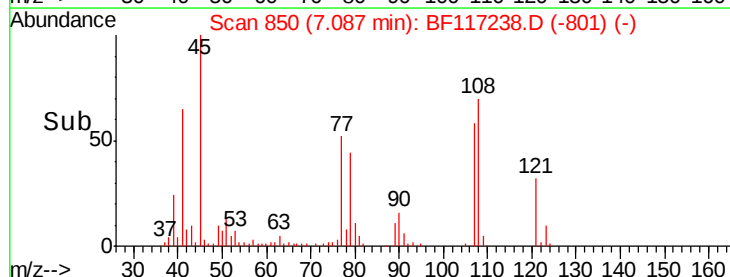
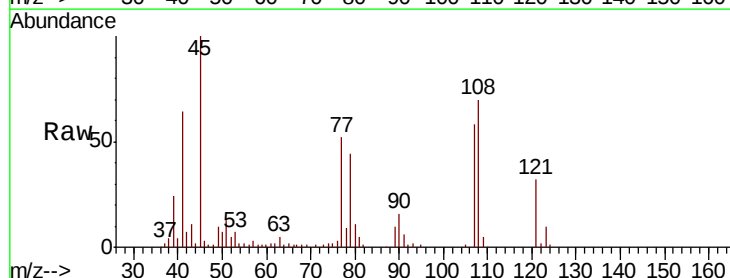
RT: 7.09 min Scan# 850

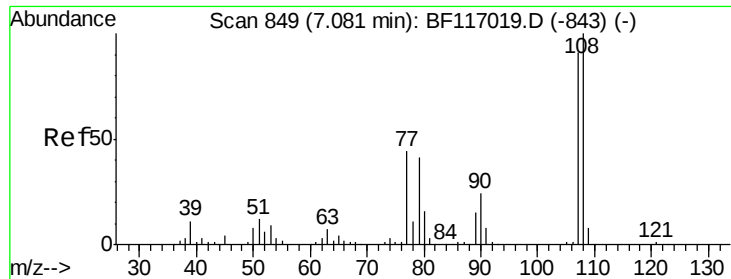
Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Tgt Ion:	45	Resp:	94300
Ion	Ratio	Lower	Upper
45	100		
77	51.7	2.7	42.7#
79	43.7	0.0	38.9#





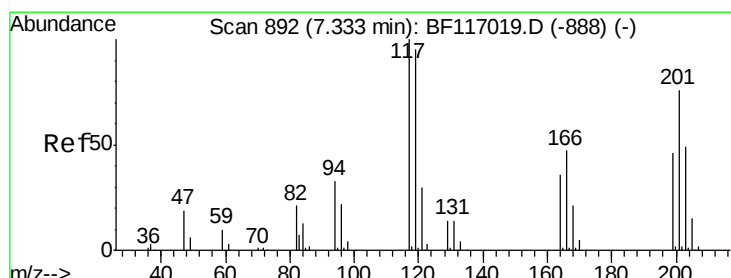
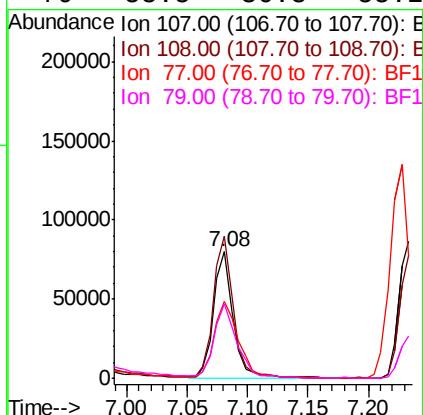
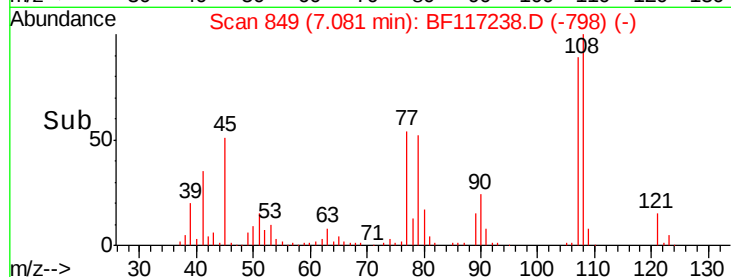
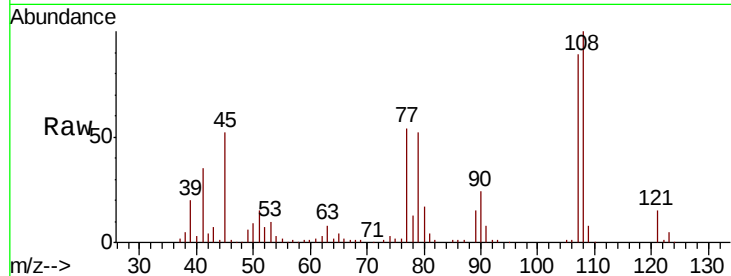
#17
2-Methylphenol
Concen: 41.172 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampled :
SB-7MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	87.7	131.5
77	61.1	38.6	58.0#
79	58.5	36.8	55.2#

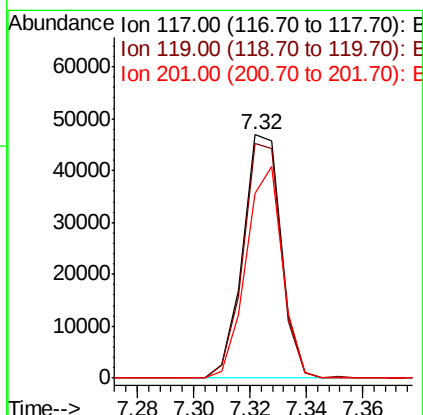
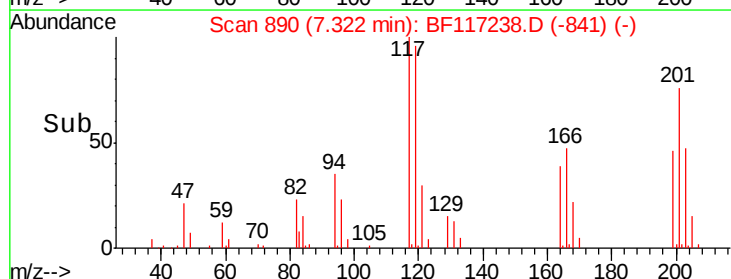
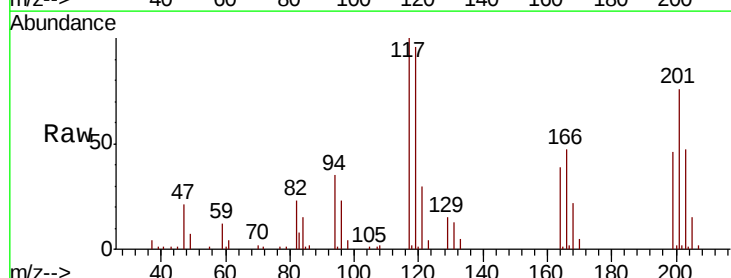
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#18
Hexachloroethane
Concen: 38.422 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
201	75.8	60.9	91.3





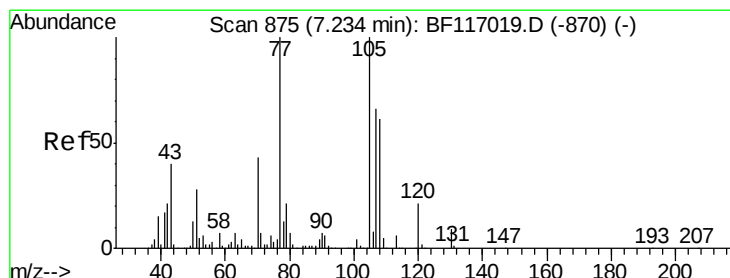
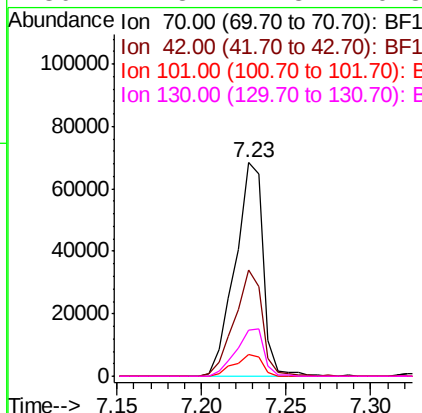
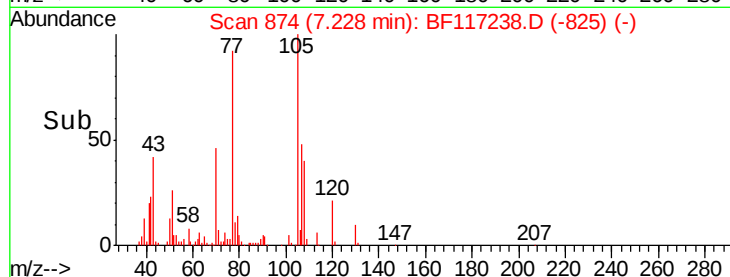
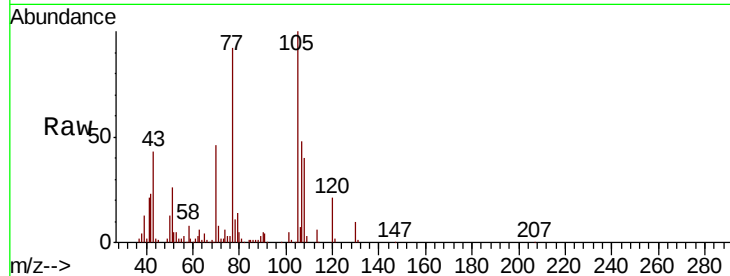
#19
n-Nitroso-di-n-propylamine
Concen: 41.711 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.9	34.0	51.0	
101	10.1	7.8	11.6	
130	21.8	17.8	26.8	

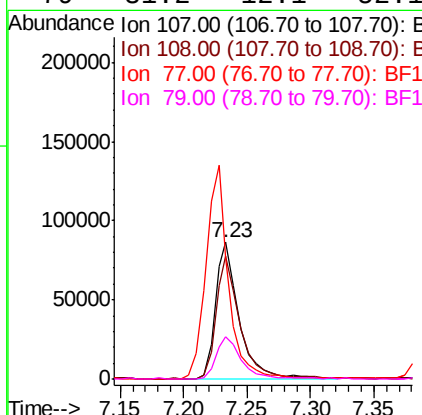
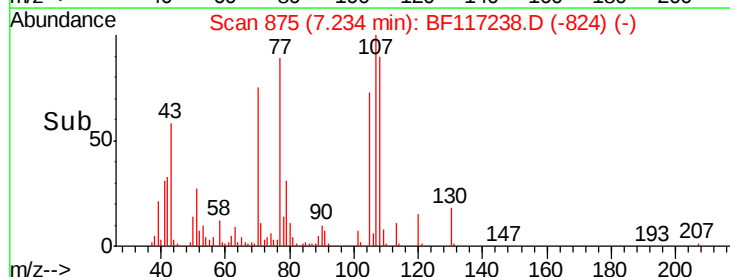
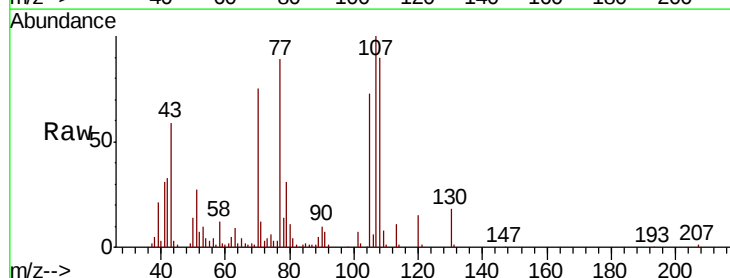
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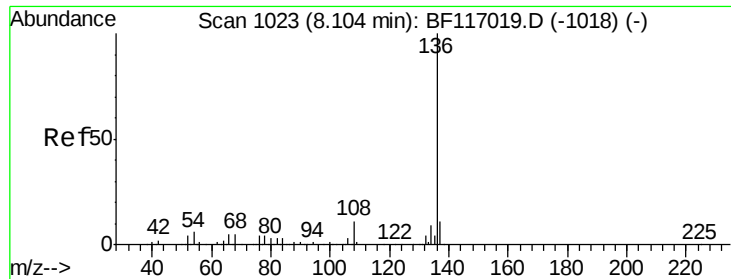
mohammad
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#20
3+4-Methylphenols
Concen: 41.632 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	72.6	112.6	
77	89.2	132.1	172.1#	
79	31.2	12.1	52.1	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

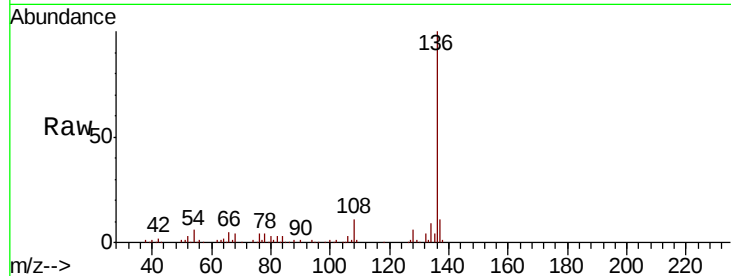
ClientSampleId :

SB-7MS

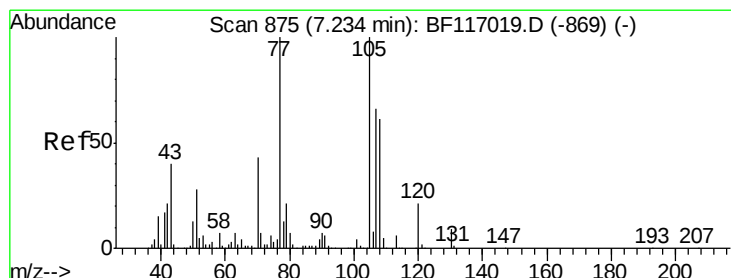
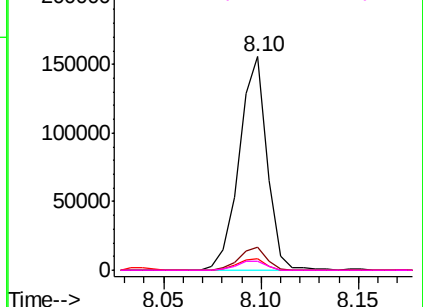
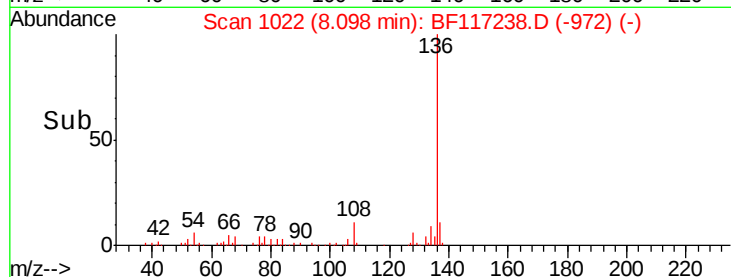
Tot Ion	Ratio	Resp	Lower	Upper
136	100	154280		
137	10.8	9.0	13.4	
54	5.5	4.5	6.7	
68	4.4	4.0	6.0	

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.794 ng

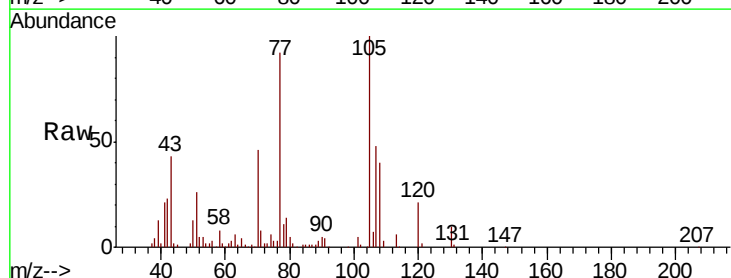
RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

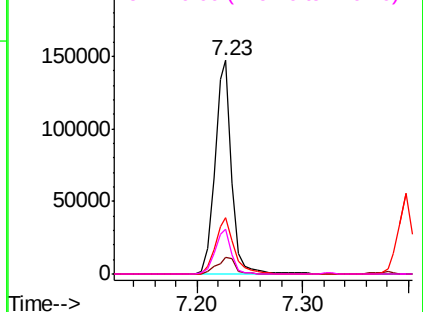
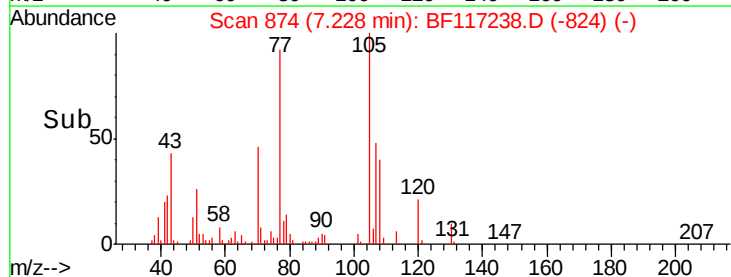
Lab File: BF117238.D

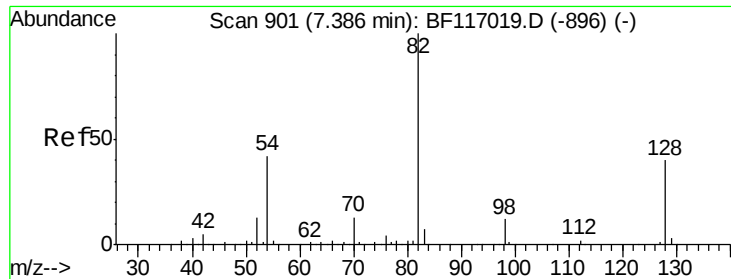
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	163824		
71	7.8	5.7	8.5	
51	26.4	22.1	33.1	
120	20.7	17.1	25.7	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





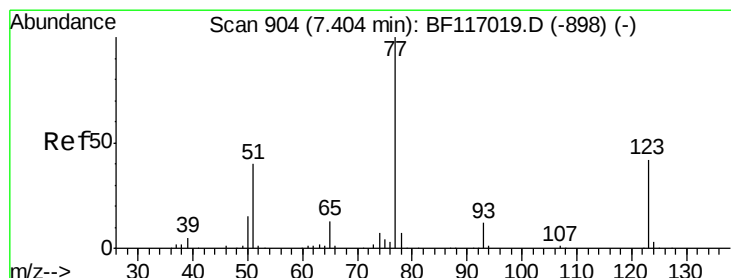
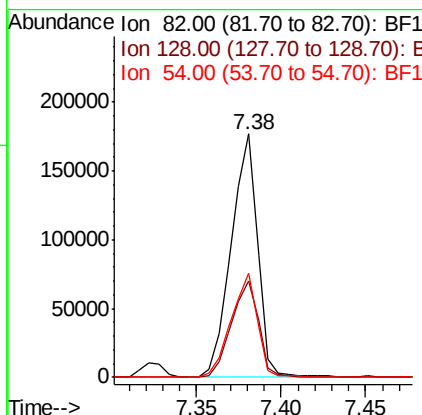
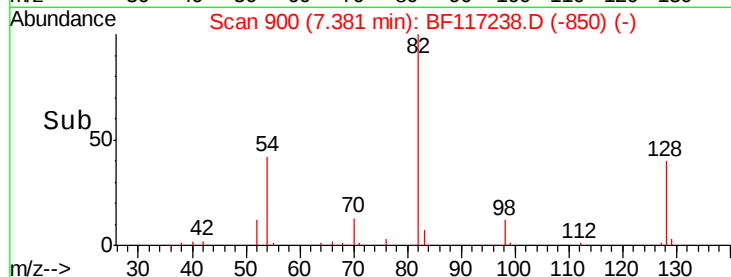
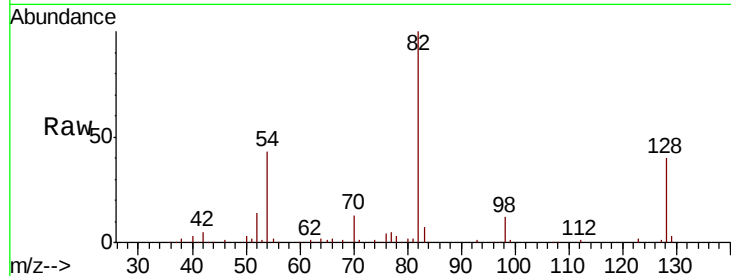
#23
 Nitrobenzene-d5
 Concen: 65.737 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	32.3	48.5
54	42.8	33.3	49.9

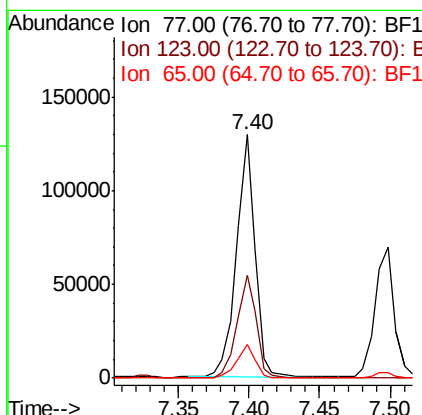
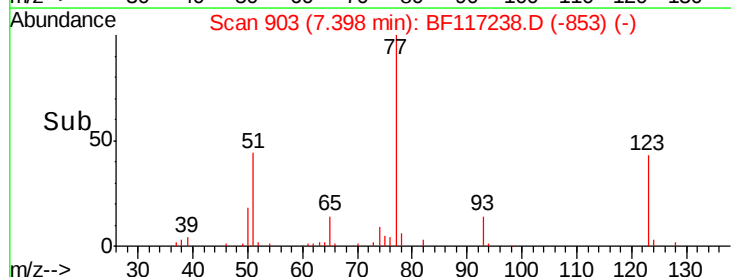
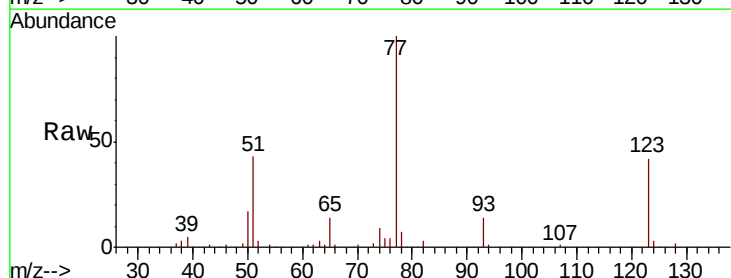
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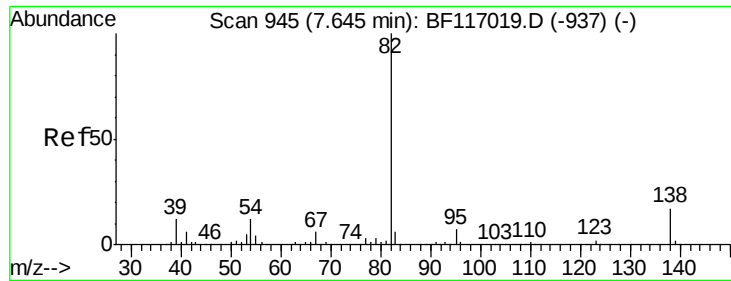
mohammad
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#24
 Nitrobenzene
 Concen: 40.867 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.4	33.5	50.3
65	13.7	10.5	15.7





#25

Isophorone

Concen: 42.022 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

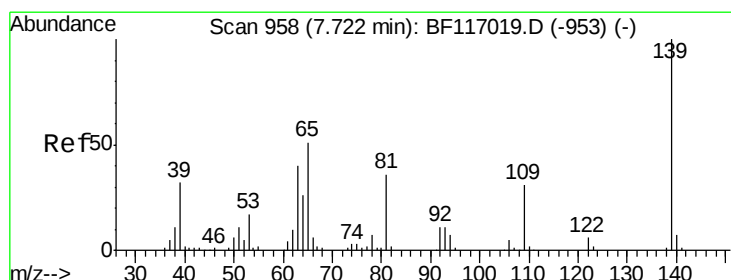
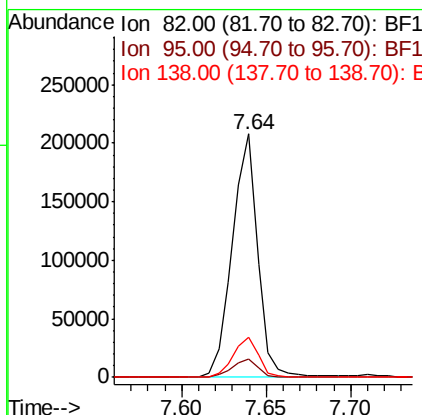
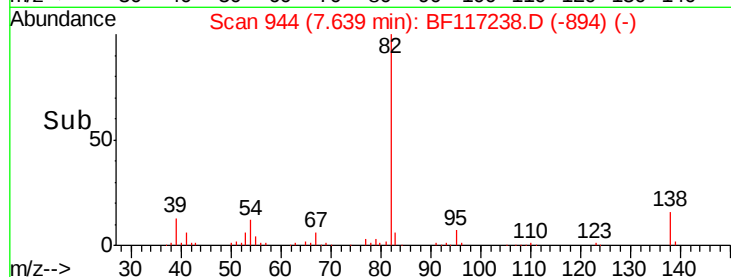
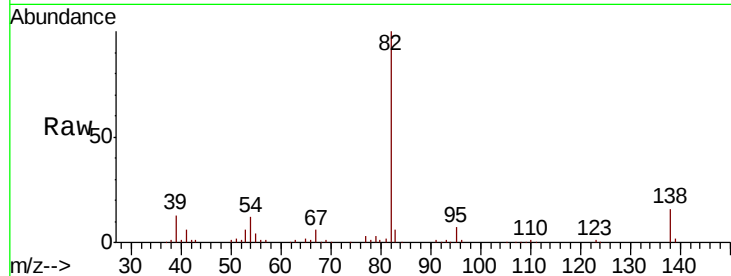
ClientSampled :

SB-7MS

Tot Ion:	82	Resp:	218470
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.6
138	16.5	13.5	20.3

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#26

2-Nitrophenol

Concen: 44.047 ng

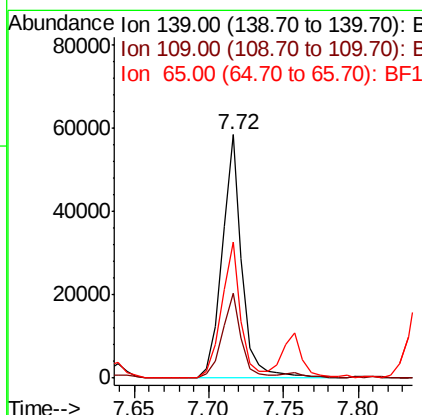
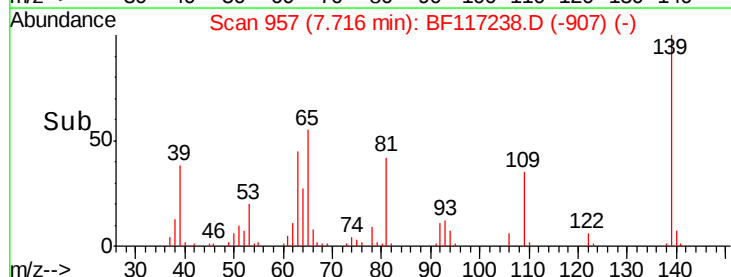
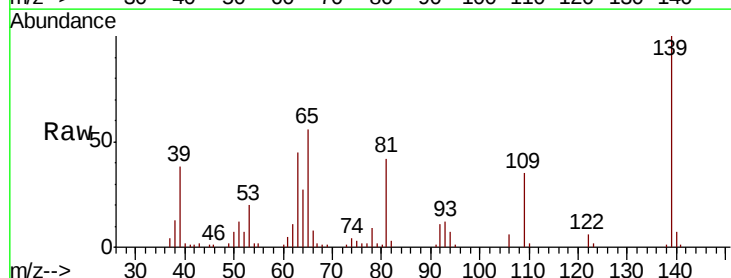
RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Tgt Ion:	139	Resp:	54861
Ion Ratio	Lower	Upper	
139	100		
109	34.9	24.6	36.8
65	55.9	40.9	61.3





#27

2,4-Dimethylphenol

Concen: 46.228 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

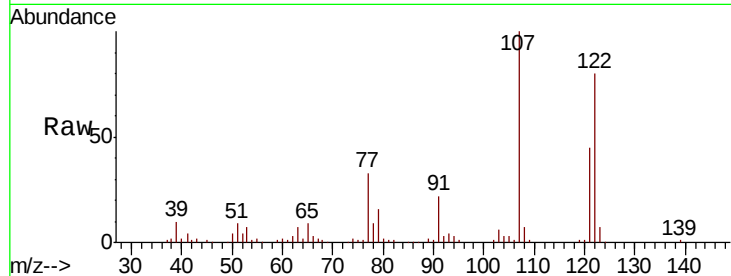
ClientSampleId :

SB-7MS

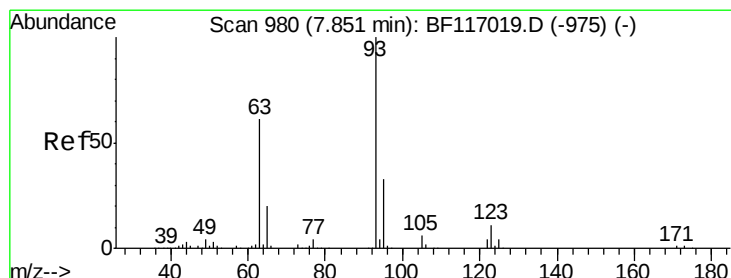
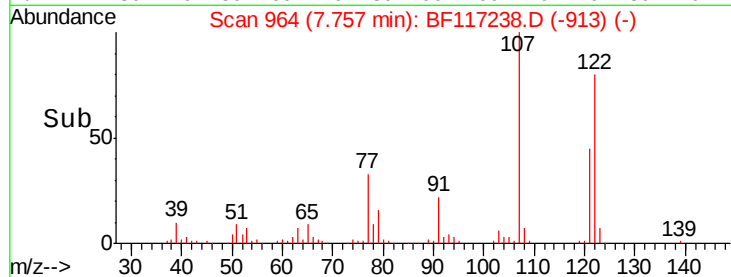
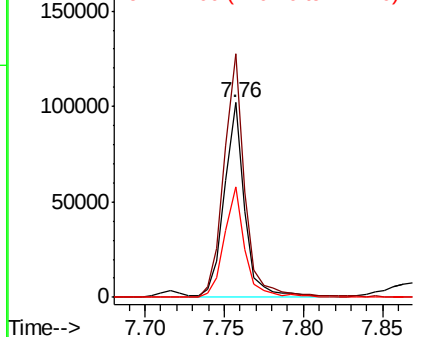
Tot Ion:	122	Resp:	91308
Ion Ratio	Lower	Upper	
122	100		
107	124.9	98.9	148.3
121	56.4	45.3	67.9

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.043 ng

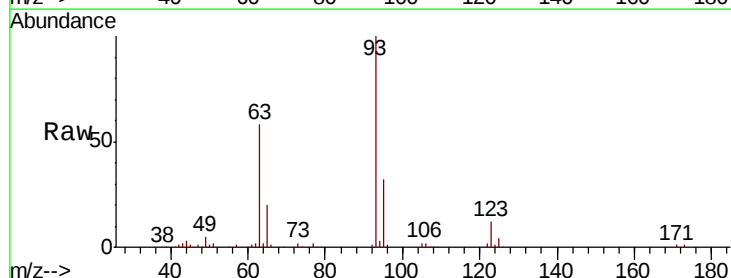
RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

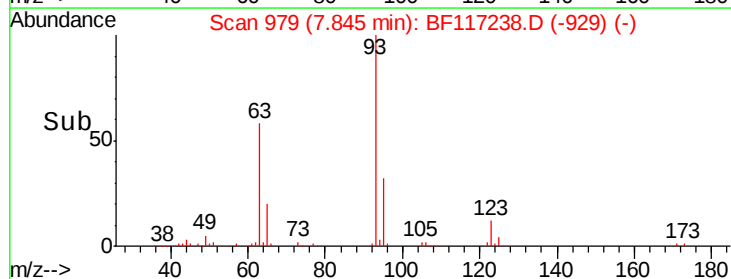
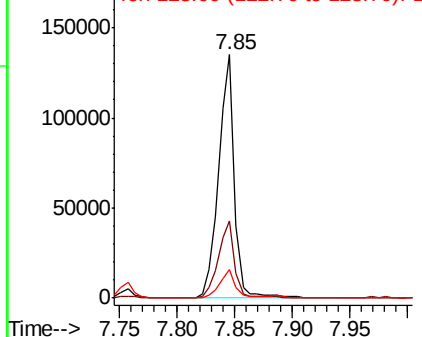
Lab File: BF117238.D

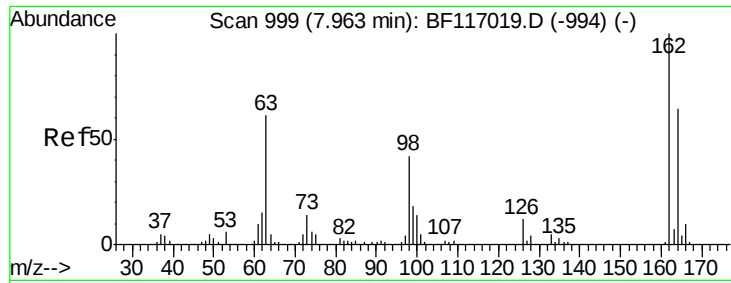
Acq: 25 Sep 2019 14:02

Tgt Ion:	93	Resp:	128262
Ion Ratio	Lower	Upper	
93	100		
95	31.6	26.2	39.4
123	11.5	9.0	13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





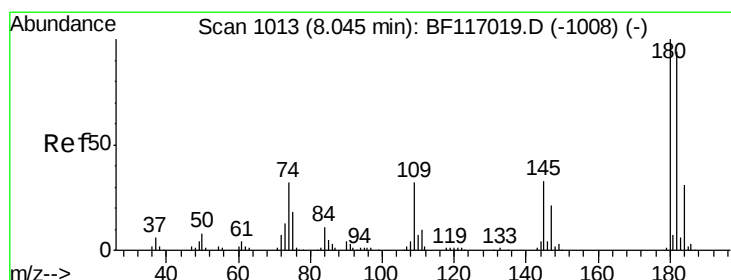
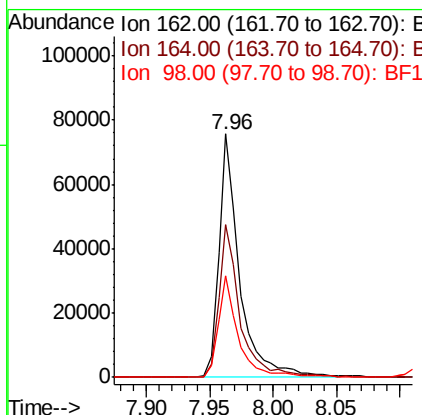
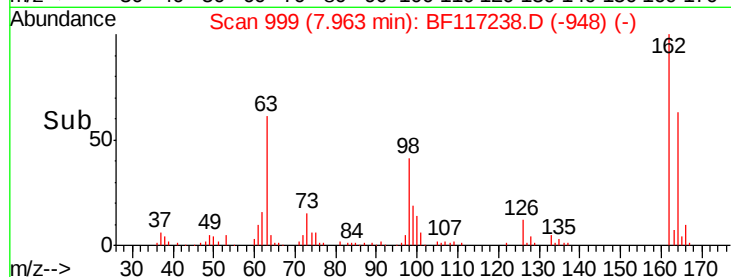
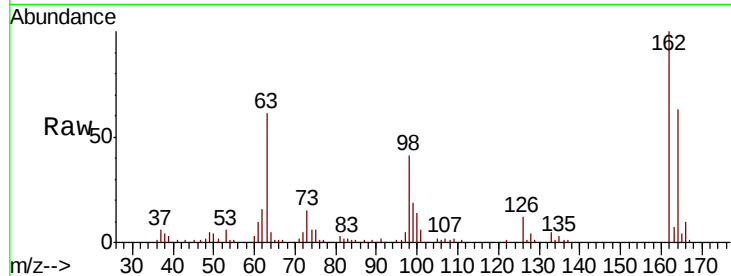
#29
2,4-Dichlorophenol
Concen: 41.645 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampled :
SB-7MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	43.8	83.8
98	41.5	22.1	62.1

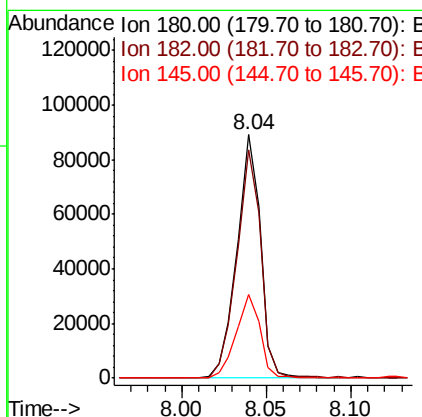
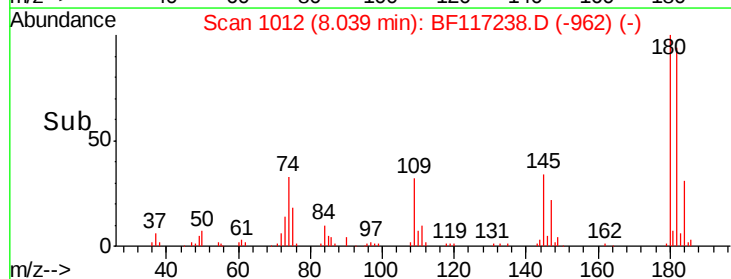
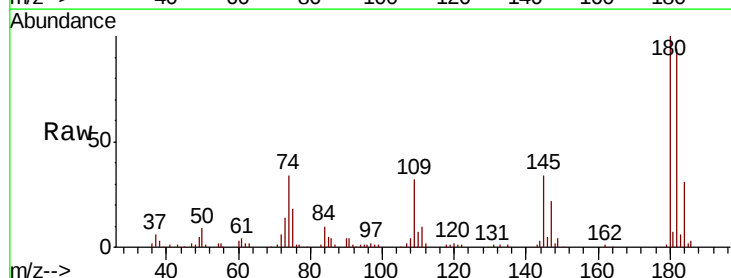
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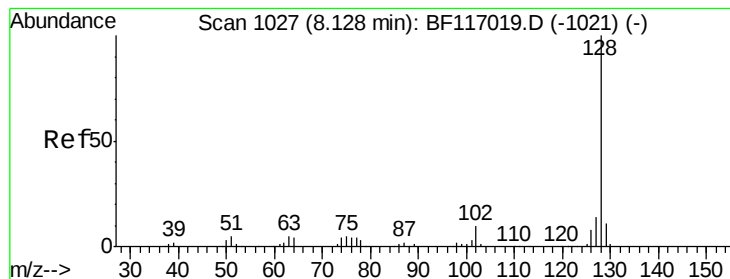
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.732 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.4	113.0
145	34.4	26.7	40.1





#31

Naphthalene

Concen: 41.554 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

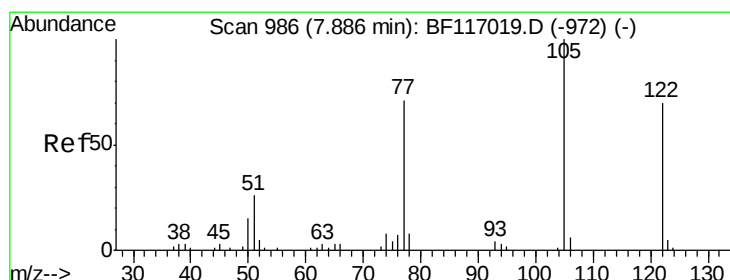
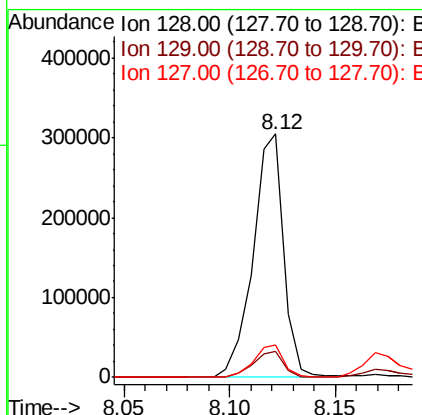
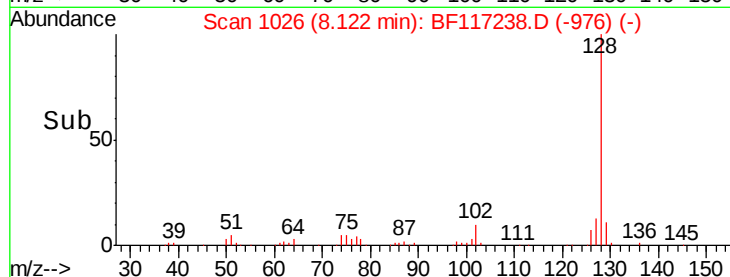
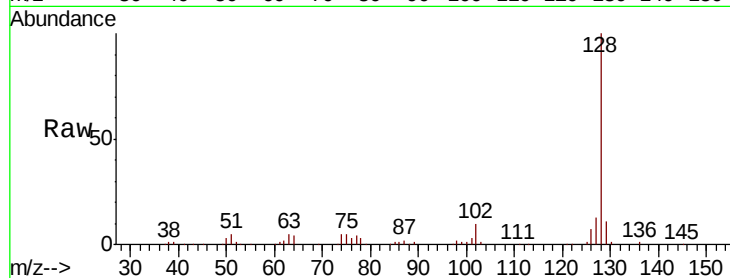
ClientSampleId :

SB-7MS

Tot Ion:	128	Resp:	308330
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.0	13.4
127	13.2	10.8	16.2

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#32

Benzoic acid

Concen: 24.142 ng

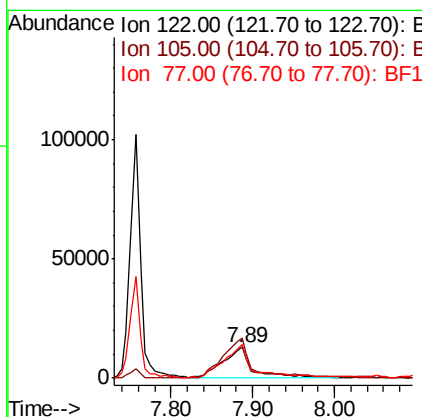
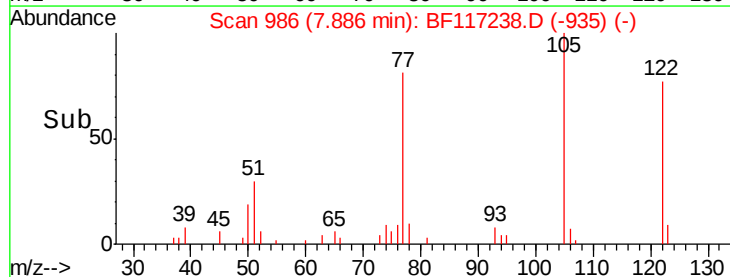
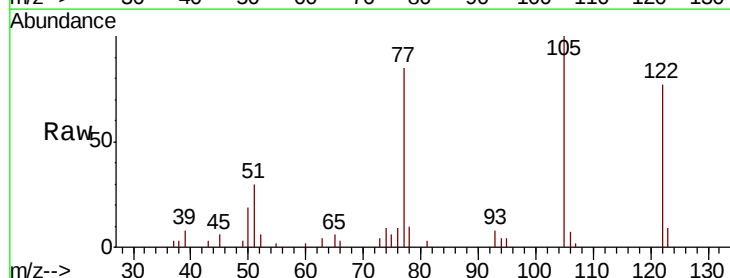
RT: 7.89 min Scan# 986

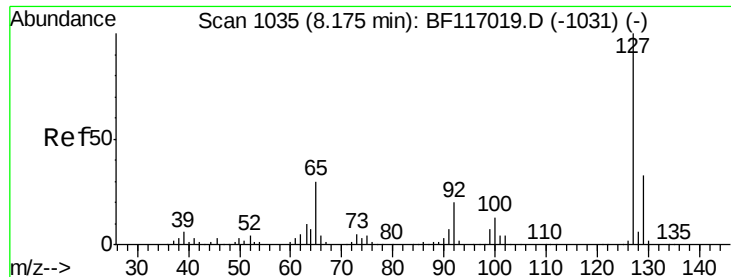
Delta R.T. 0.00 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Tgt Ion:	122	Resp:	30339
Ion Ratio	Lower	Upper	
122	100		
105	130.3	114.8	154.8
77	110.3	78.7	118.7





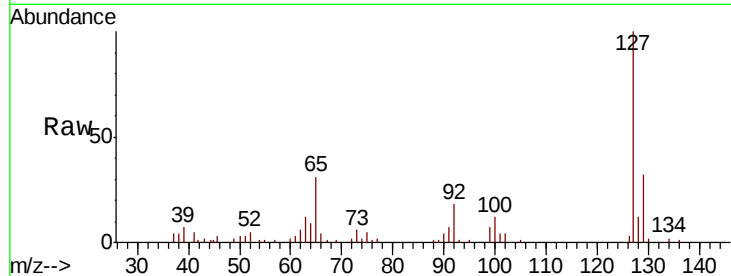
#33
4-Chloroaniline
Concen: 13.170 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		43342		
129	32.2	26.2	39.2		
65	30.9	23.5	35.3		
92	18.3	15.9	23.9		

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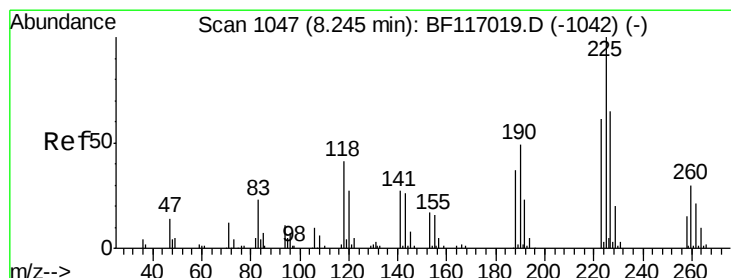
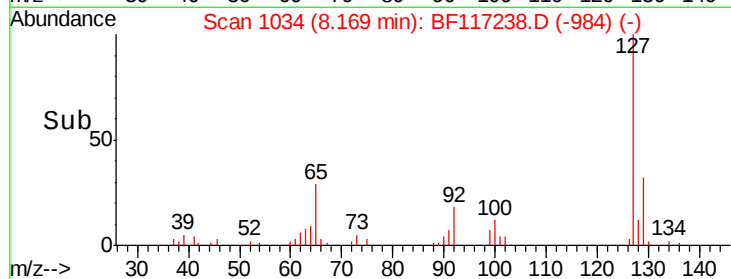
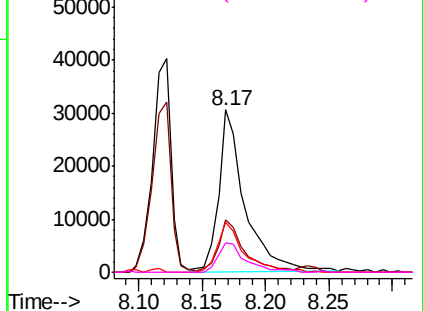
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

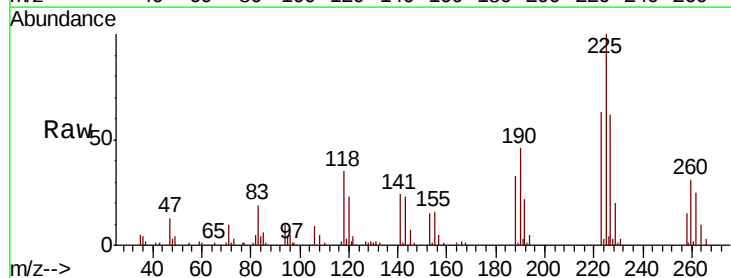
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.344 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		51178		
223	62.5	49.1	73.7		
227	61.9	52.2	78.2		

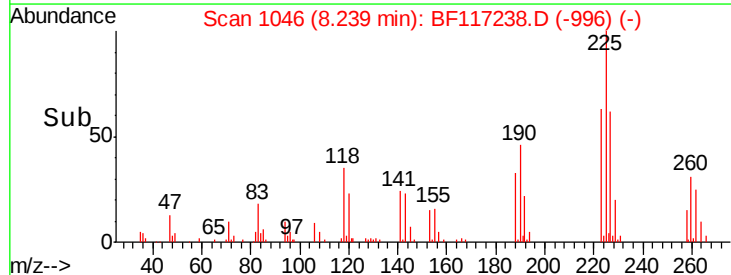
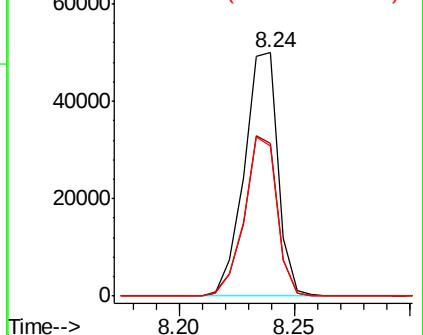


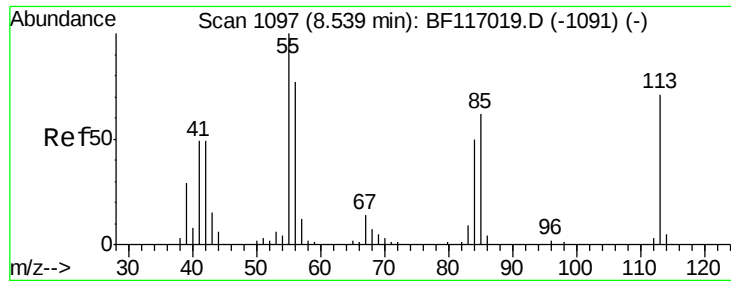
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





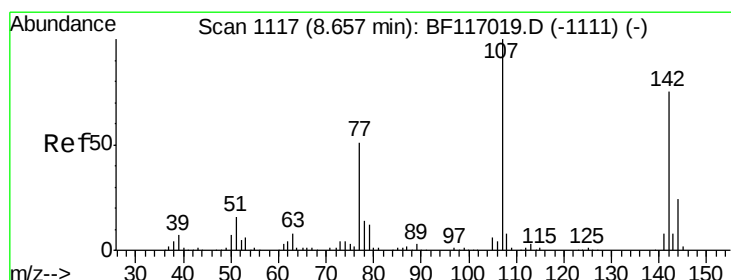
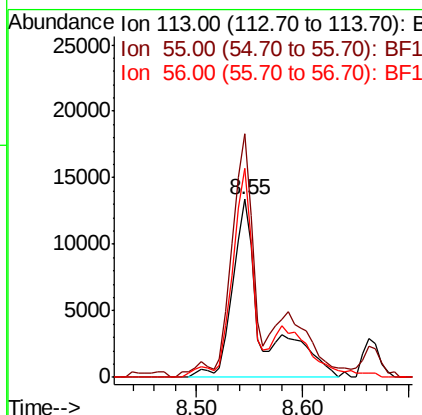
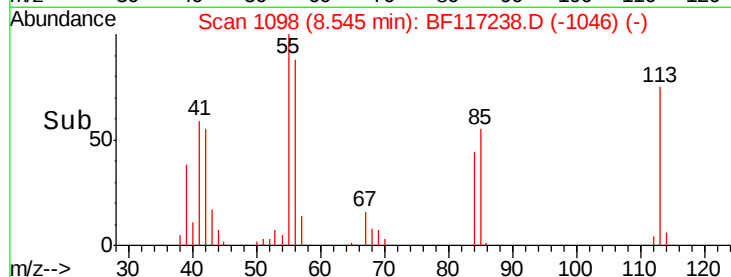
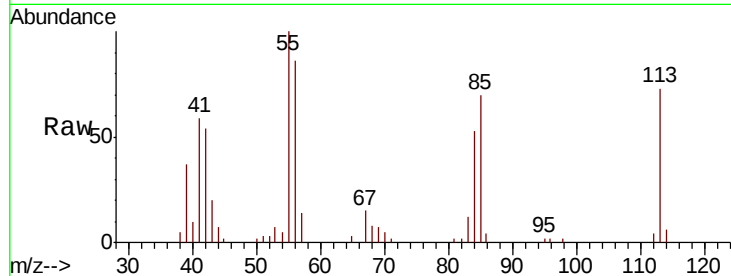
#35
Caprolactam
Concen: 37.216 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	136.6	120.6	160.6
56	117.5	88.8	128.8

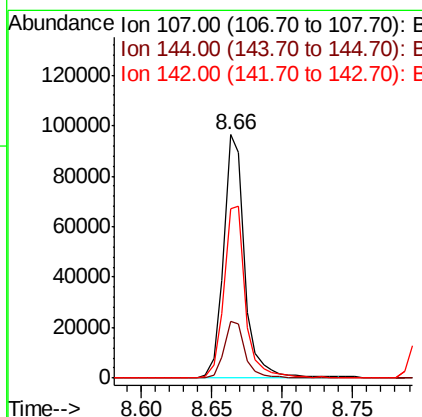
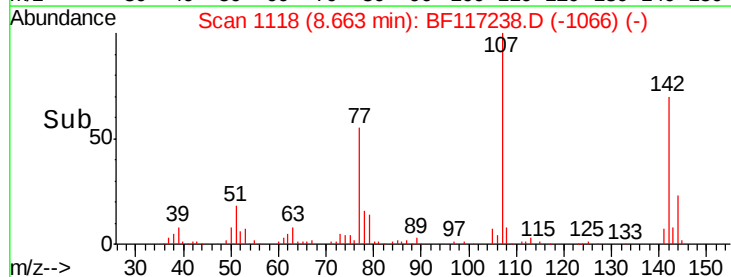
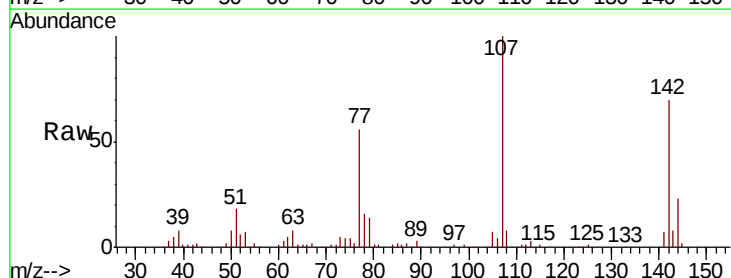
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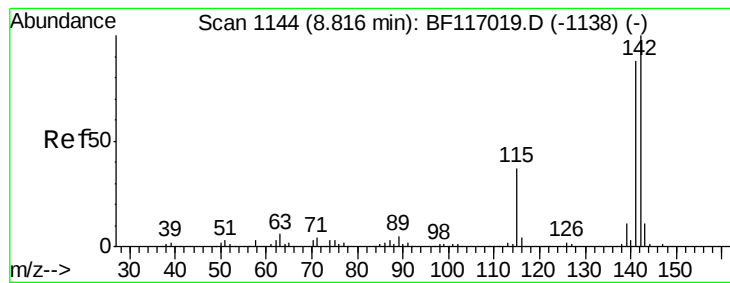
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 41.704 ng/ml
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	19.2	28.8
142	69.5	59.6	89.4





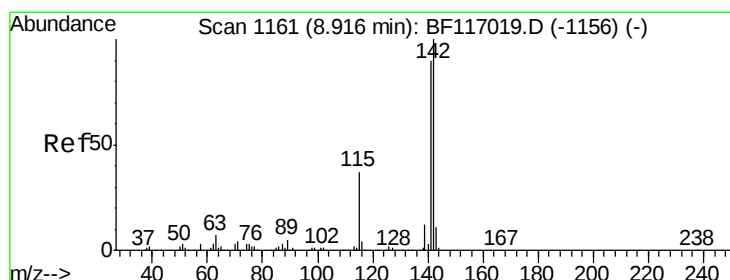
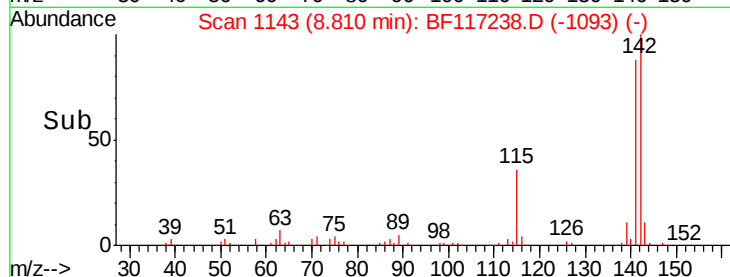
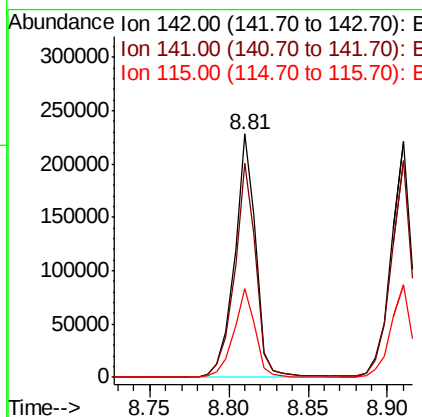
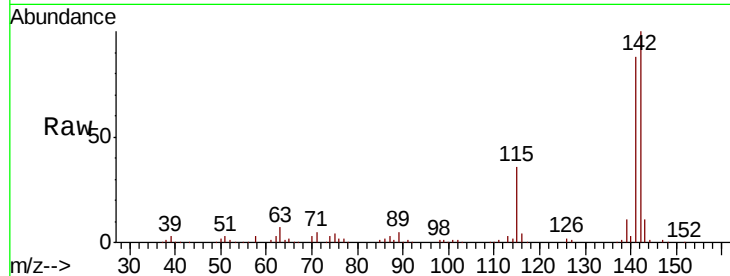
#37
2-Methylnaphthalene
Concen: 42.496 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.7	106.1
115	36.3	29.4	44.0

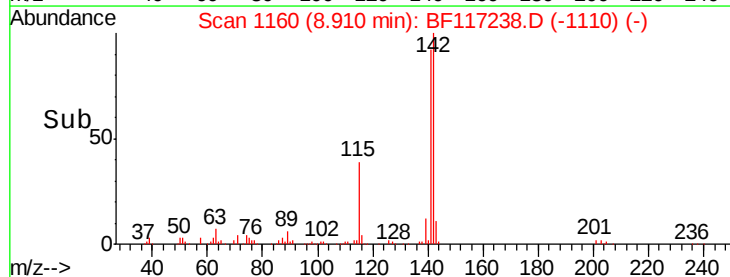
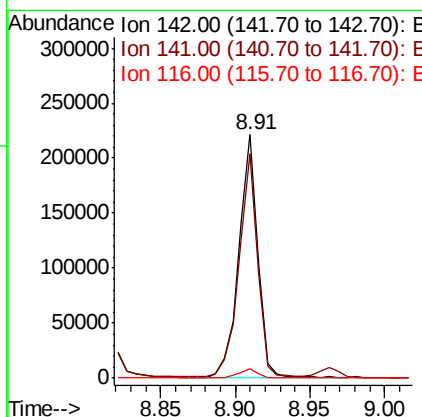
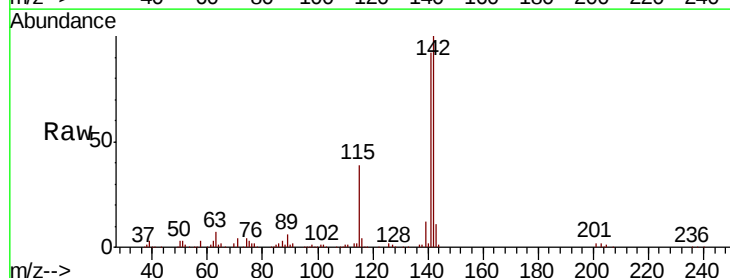
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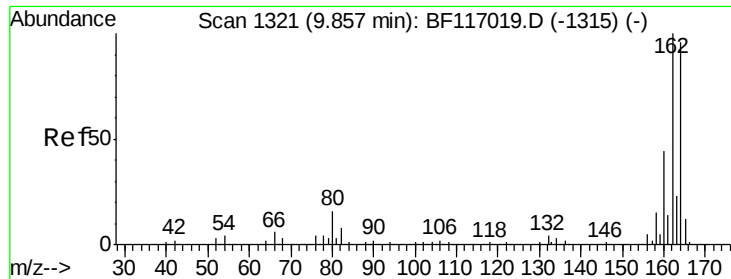
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#38
1-Methylnaphthalene
Concen: 41.814 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.9	107.9
116	3.7	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

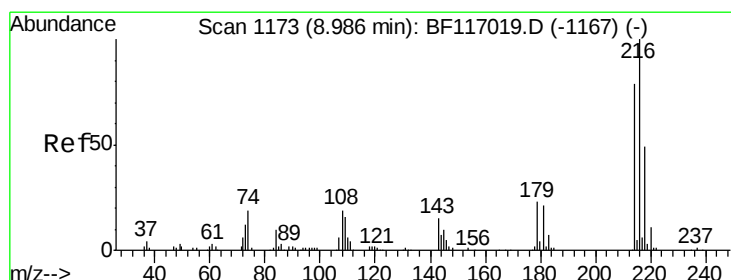
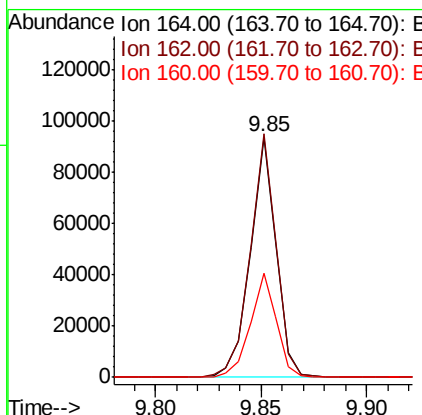
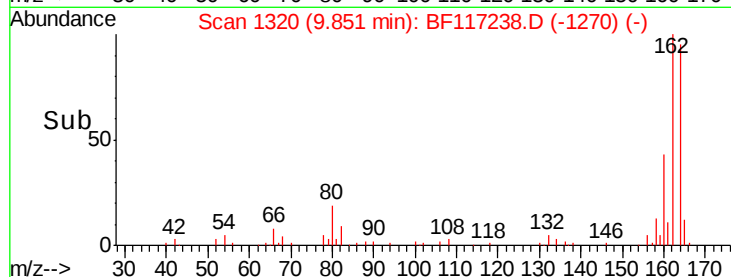
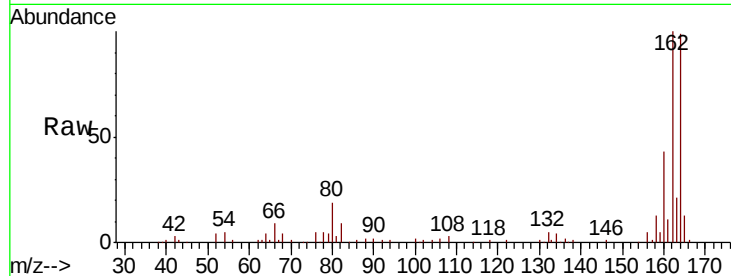
ClientSampleId :

SB-7MS

Tot Ion:	164	Resp:	80441
Ion Ratio	Lower	Upper	
164	100		
162	101.4	83.4	125.2
160	43.2	36.4	54.6

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.024 ng

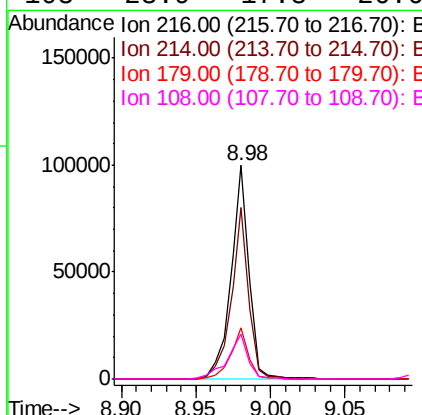
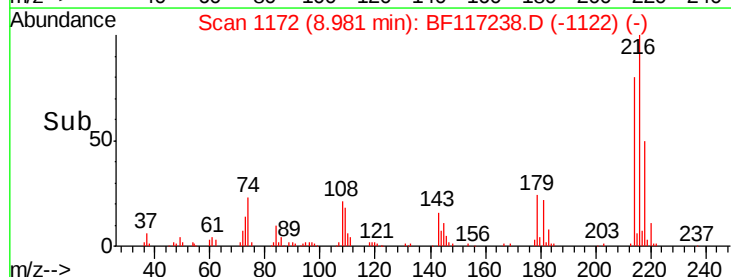
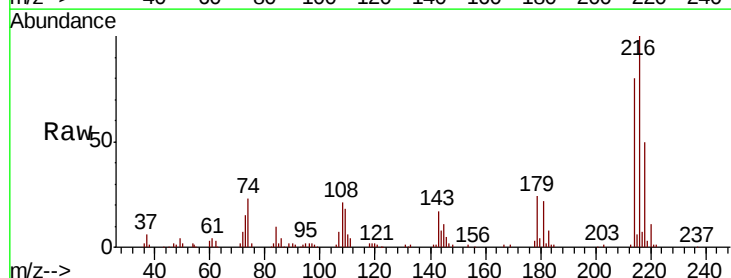
RT: 8.98 min Scan# 1172

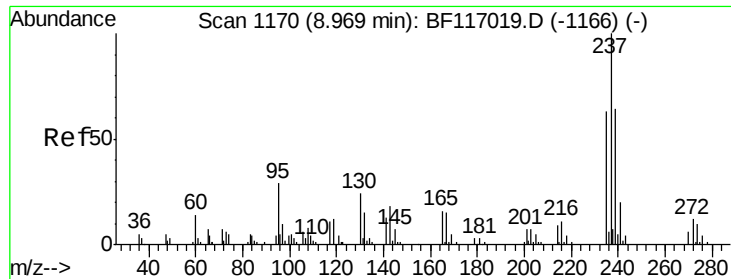
Delta R.T. -0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Tgt Ion:	216	Resp:	85215
Ion Ratio	Lower	Upper	
216	100		
214	76.8	63.6	95.4
179	23.5	18.3	27.5
108	23.9	17.8	26.6





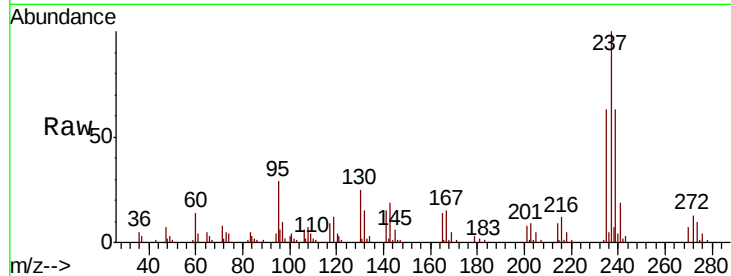
#41
Hexachlorocyclopentadiene
Concen: 63.496 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

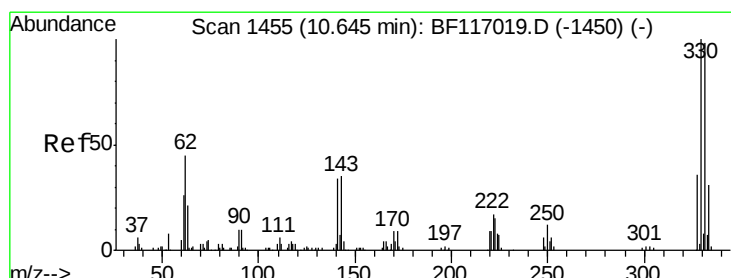
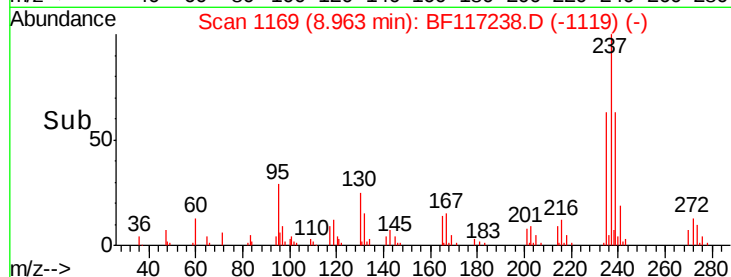
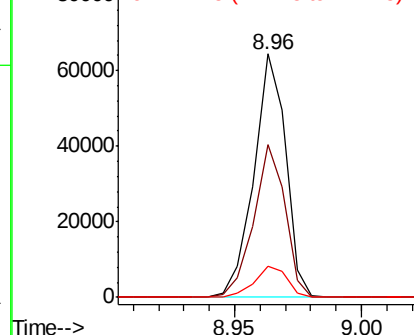
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.6	43.2	83.2
272	13.0	0.0	31.9

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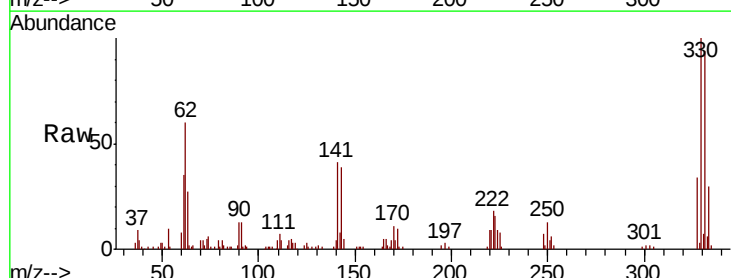


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

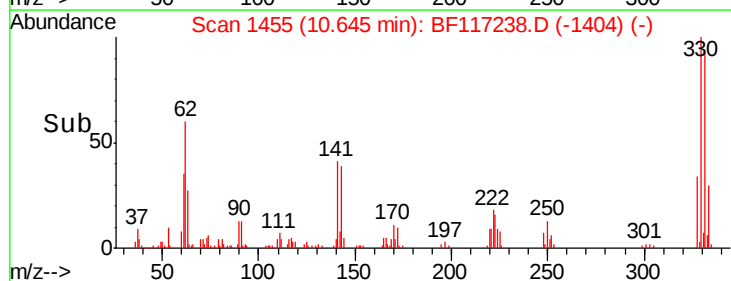
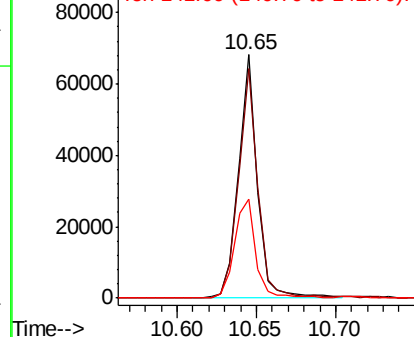


#42
2,4,6-Tribromophenol
Concen: 85.009 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.4	78.0	117.0
141	44.9	35.8	53.6



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





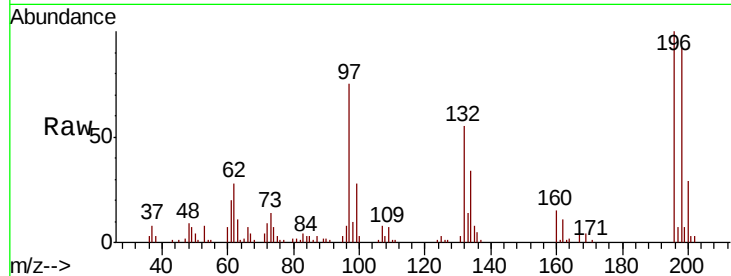
#43
2,4,6-Trichlorophenol
Concen: 39.849 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampled :
SB-7MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	56173		
198	92.1	75.7	113.5	
200	28.7	23.3	34.9	

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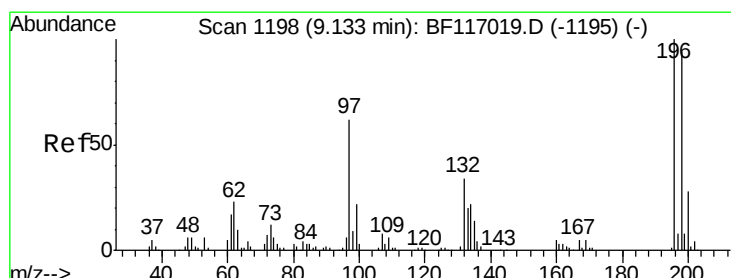
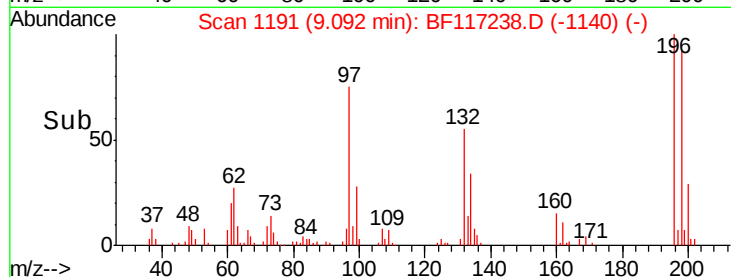
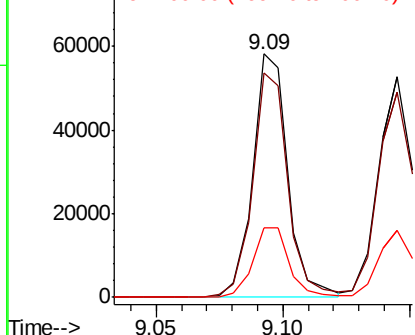


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 40.245 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	60613		
198	93.0	74.6	112.0	
97	57.5	49.5	74.3	
132	31.8	27.4	41.2	

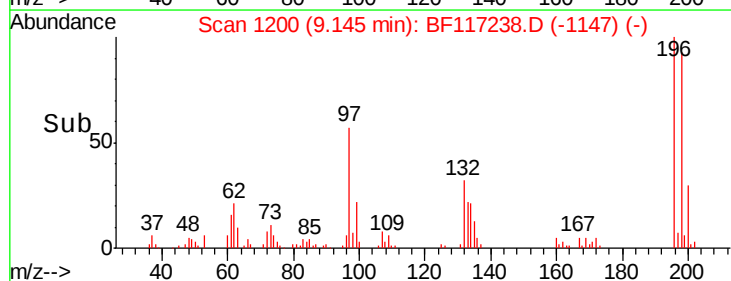
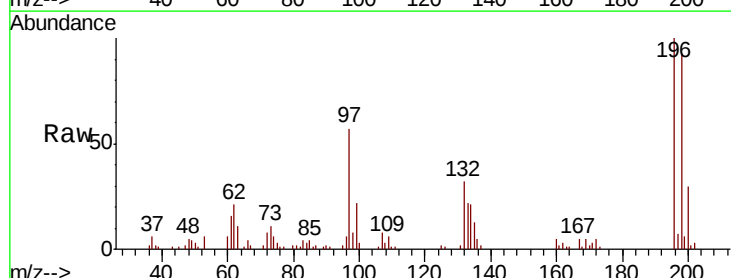
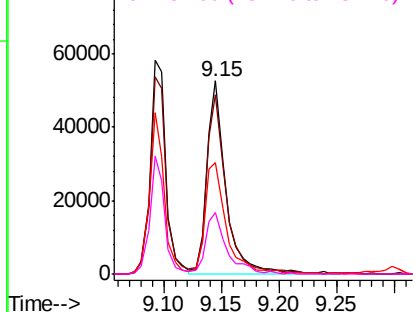
Abundance

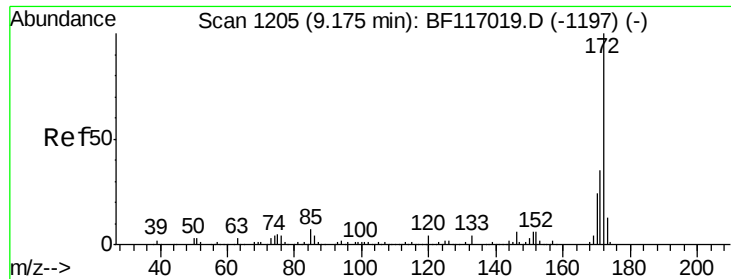
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





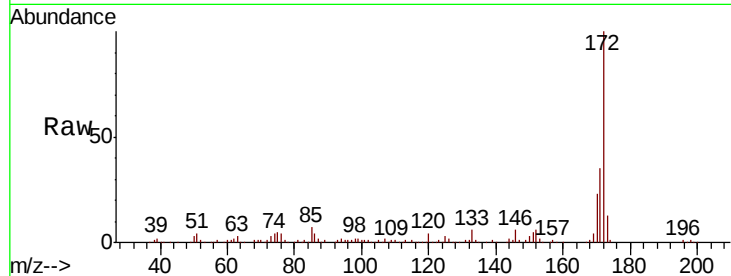
#45
2-Fluorobiphenyl
Concen: 61.204 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	28.2	42.2	
170	23.0	18.9	28.3	

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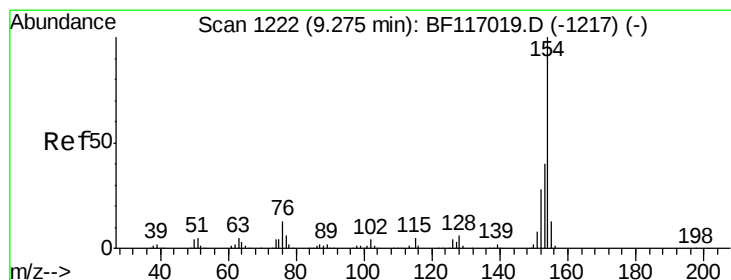
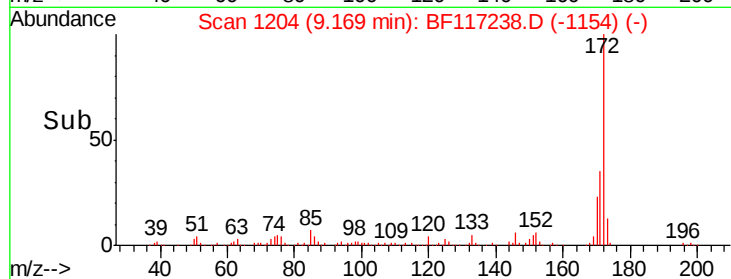
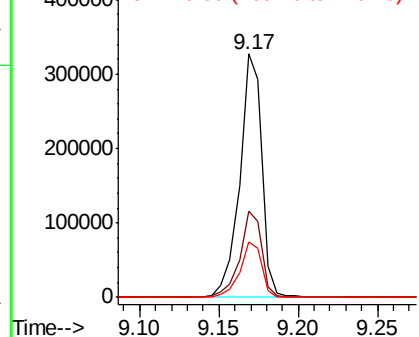


Abundance

Ion 172.00 (171.70 to 172.70): E

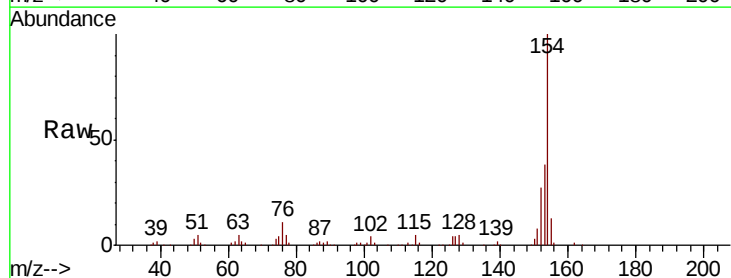
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.049 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	38.0	20.0	60.0	
76	10.9	0.0	32.7	

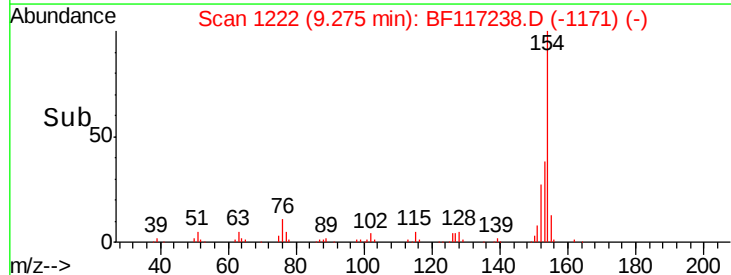
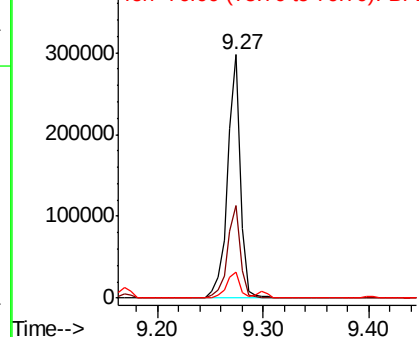


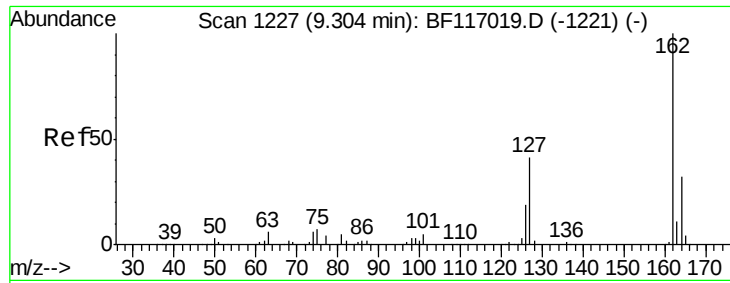
Abundance

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





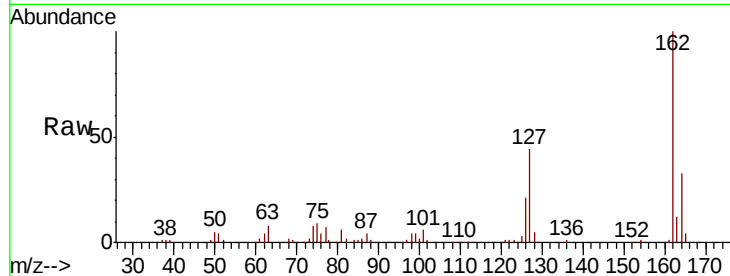
#47
2-Chloronaphthalene
Concen: 39.012 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampled :
SB-7MS

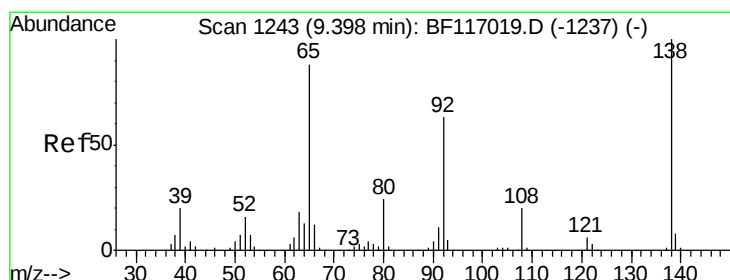
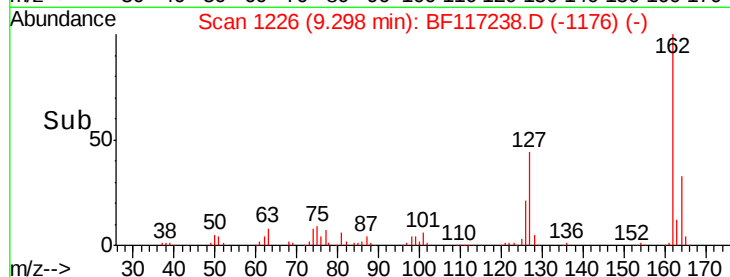
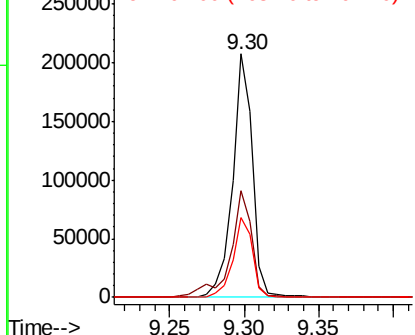
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.6	34.1	51.1
164	32.7	25.9	38.9

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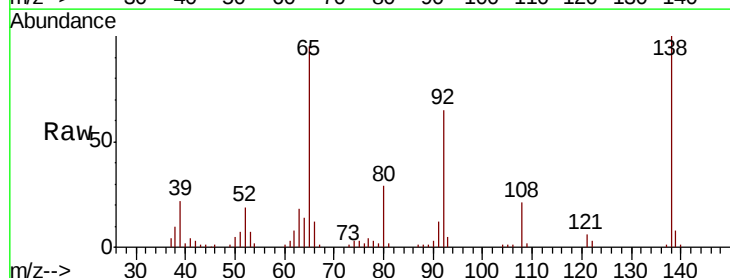


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

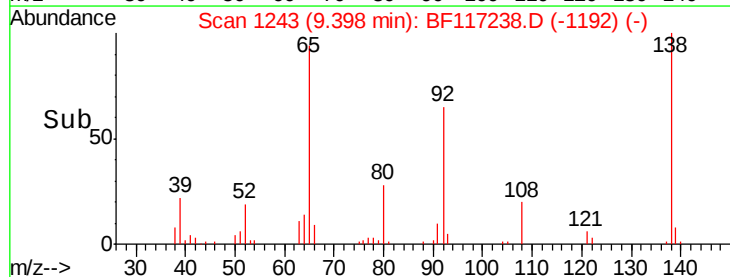
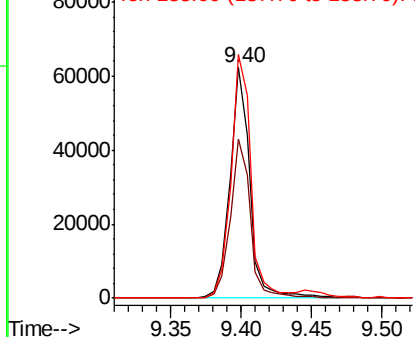


#48
2-Nitroaniline
Concen: 37.989 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.0	57.5	86.3
138	105.6	90.6	136.0



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





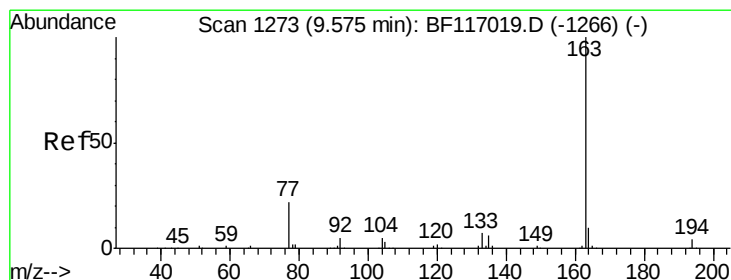
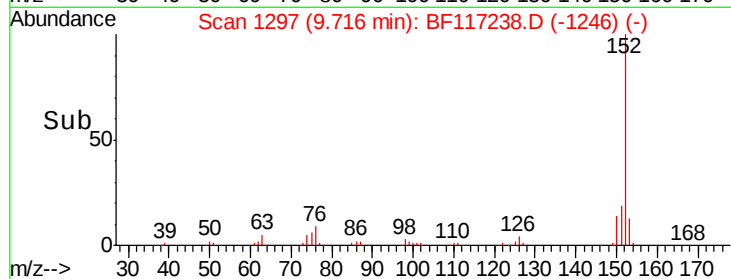
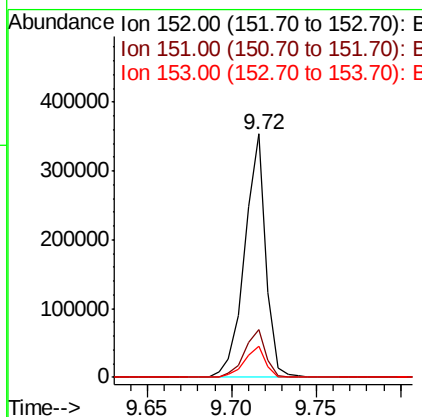
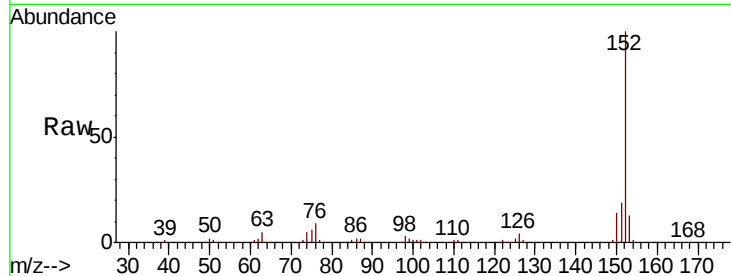
#49
Acenaphthylene
Concen: 41.252 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion:	152	Resp:	307737
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.2	24.2
153	12.6	10.2	15.4

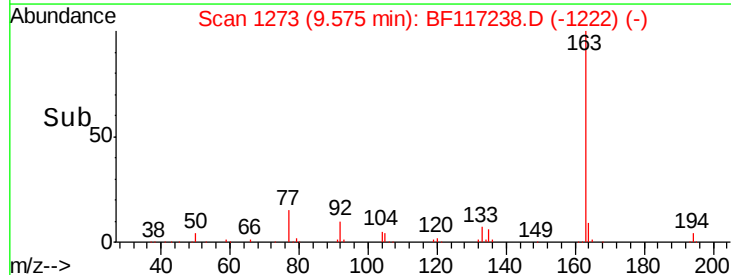
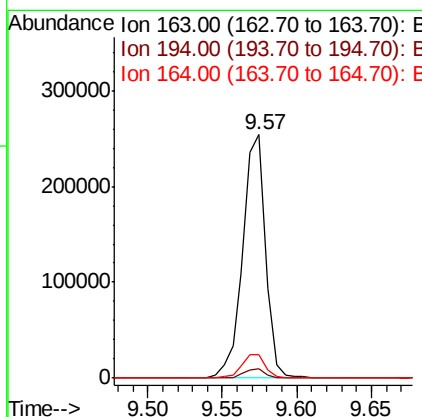
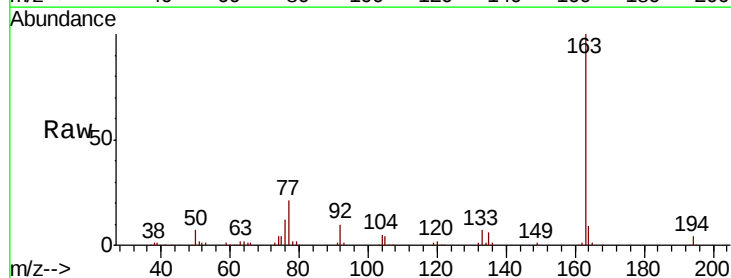
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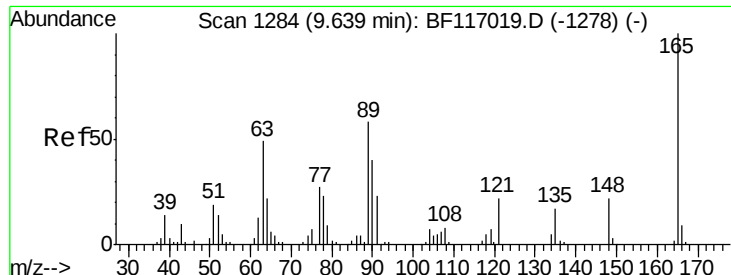
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#50
Dimethylphthalate
Concen: 47.357 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion:	163	Resp:	269728
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	9.4	8.2	12.4





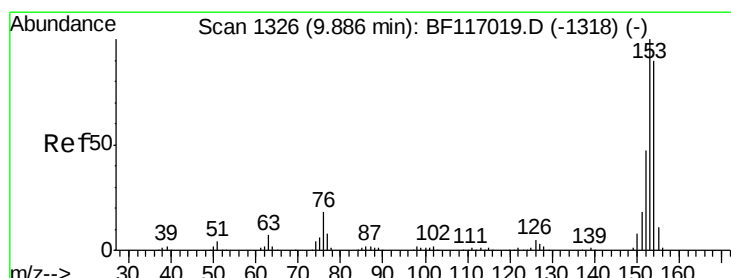
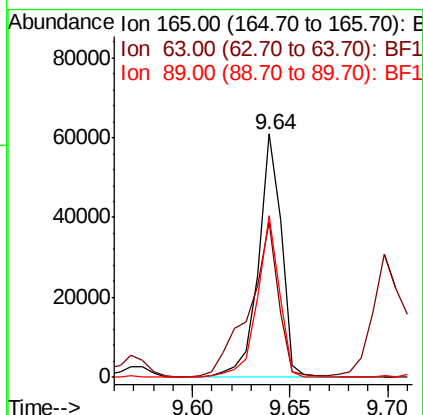
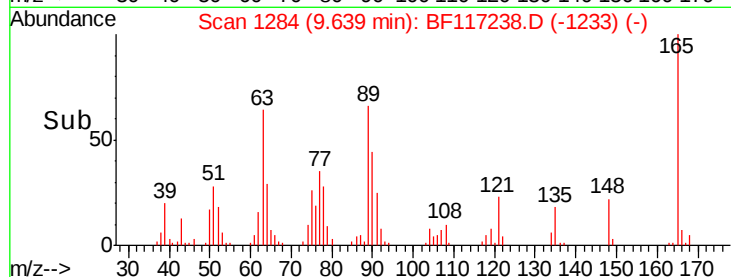
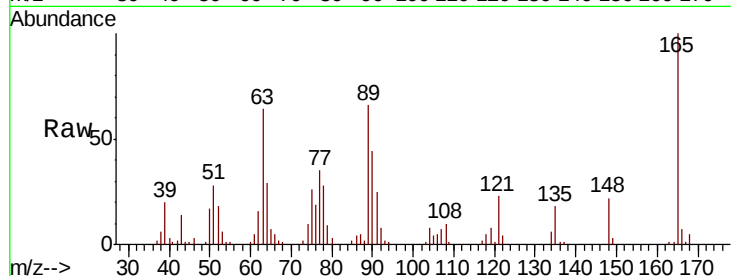
#51
 2,6-Dinitrotoluene
 Concen: 42.835 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	49689		
63	63.9	41.8	62.8#	
89	66.3	46.5	69.7	

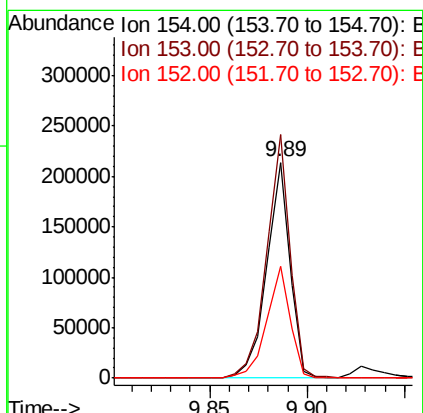
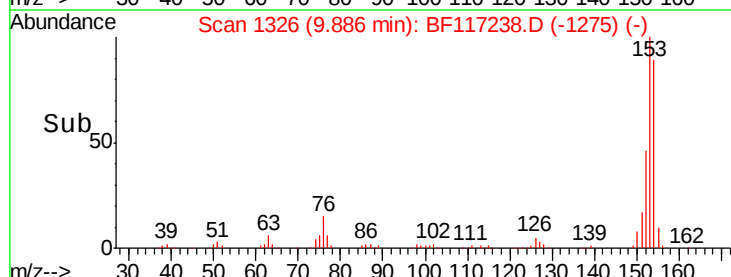
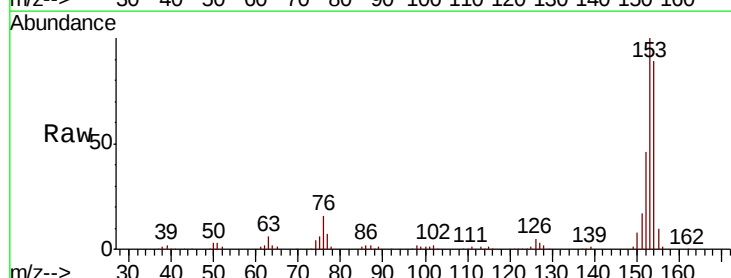
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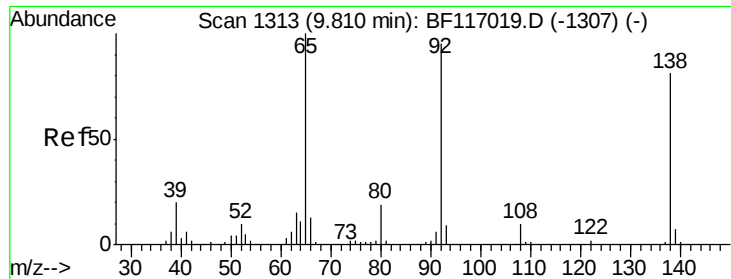
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#52
 Acenaphthene
 Concen: 40.211 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	177820		
153	112.9	89.0	133.6	
152	51.7	41.9	62.9	





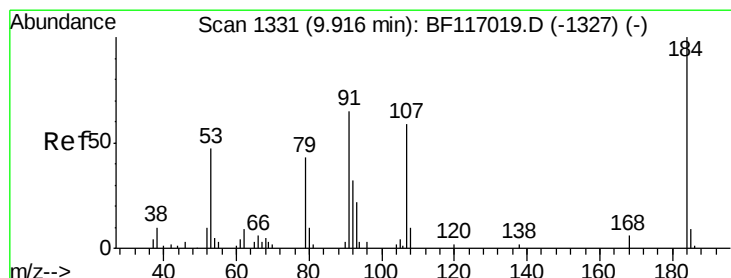
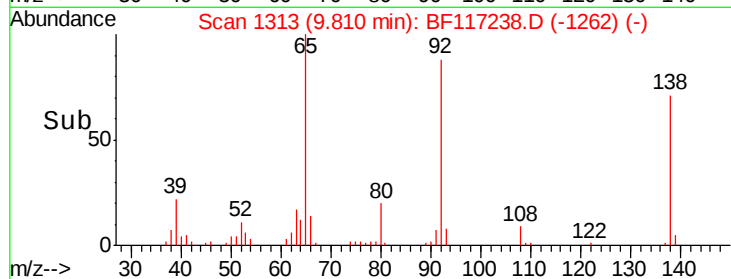
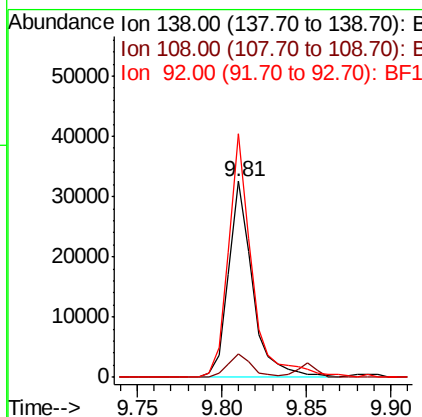
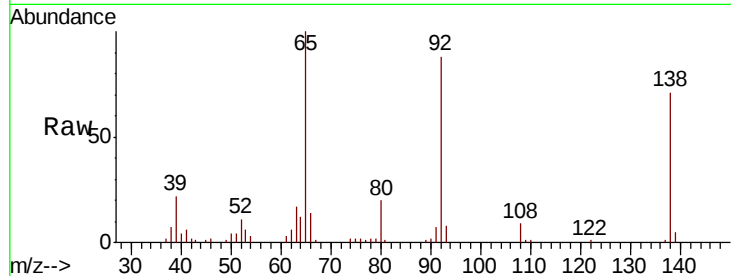
#53
3-Nitroaniline
Concen: 21.914 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampled :
SB-7MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.1	9.5	14.3
92	124.2	94.1	141.1

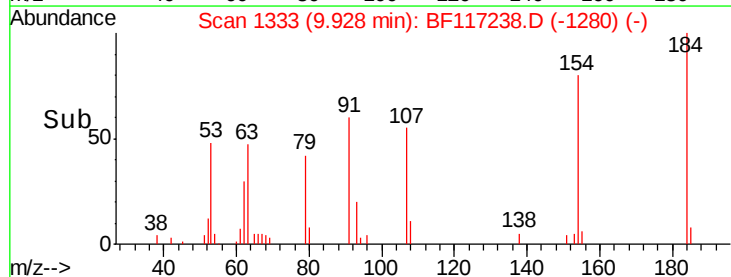
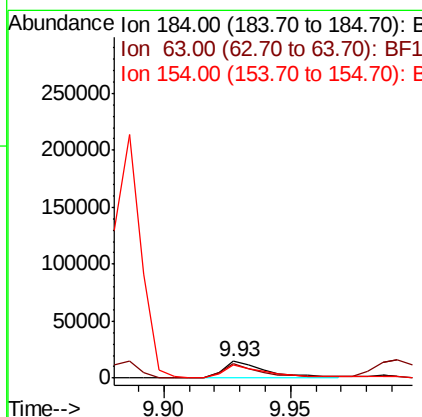
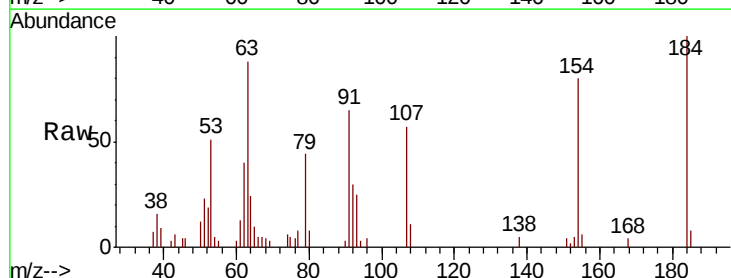
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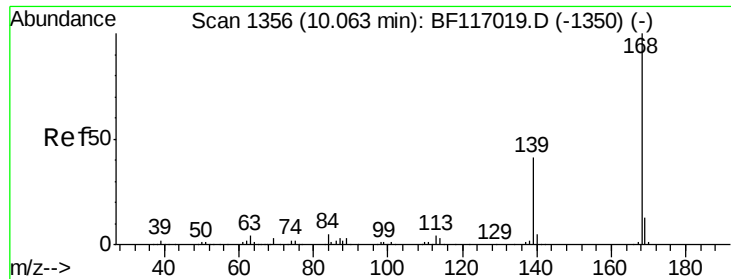
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#54
2,4-Dinitrophenol
Concen: 40.678 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	87.5	63.8	95.6
154	79.8	60.4	90.6





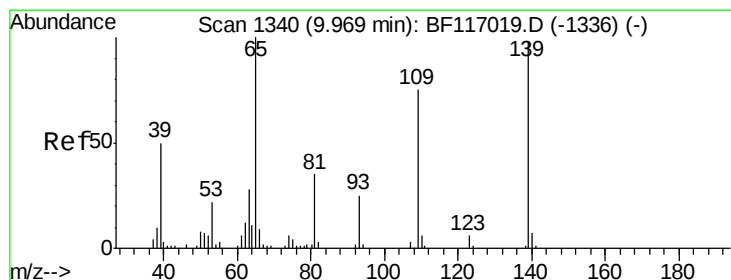
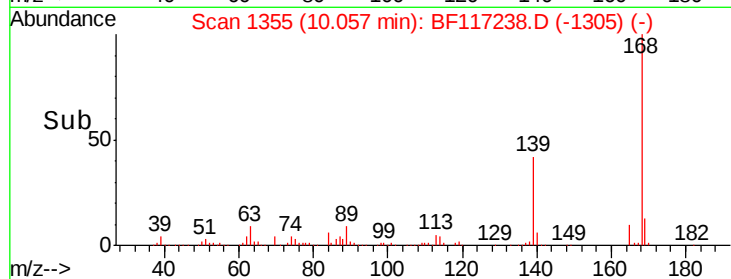
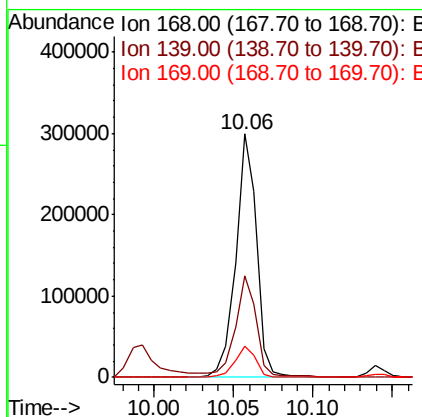
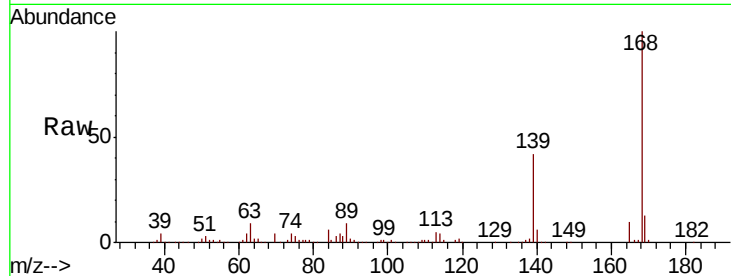
#55
Dibenzenofuran
Concen: 41.663 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	32.8	49.2
169	13.0	10.5	15.7

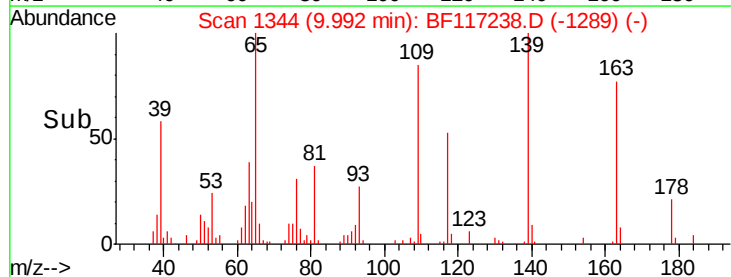
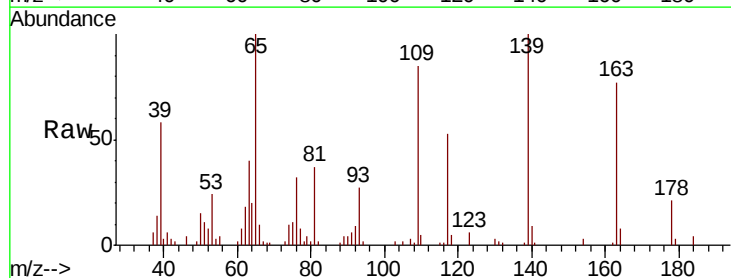
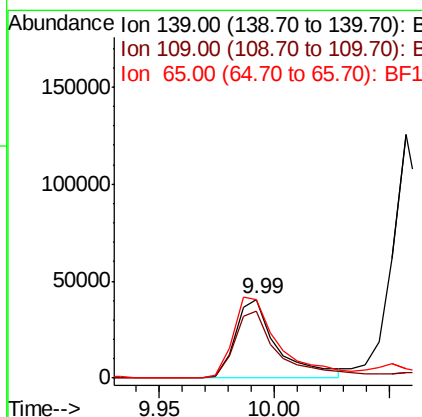
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#56
4-Nitrophenol
Concen: 54.194 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	84.6	56.4	96.4
65	99.8	82.5	122.5





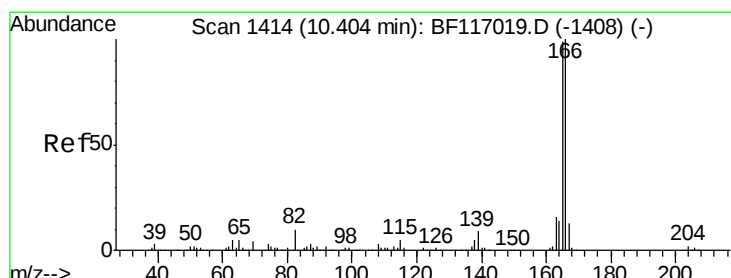
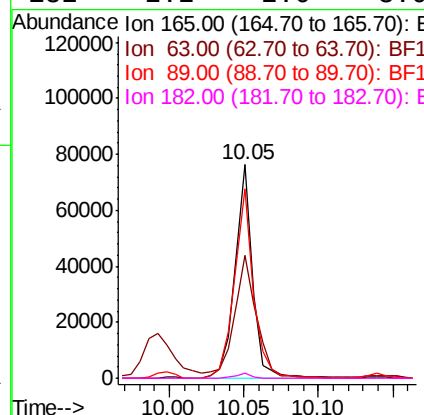
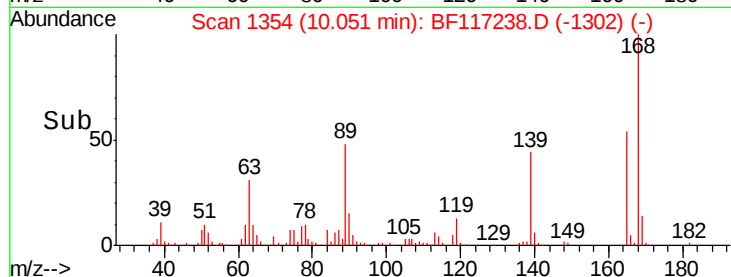
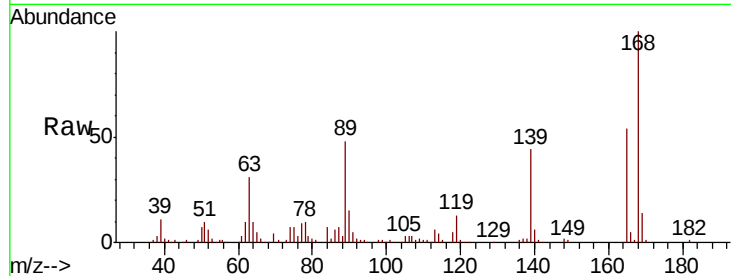
#57
2,4-Dinitrotoluene
Concen: 42.883 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.6	35.0	52.4
89	88.9	66.1	99.1
182	2.2	2.0	3.0

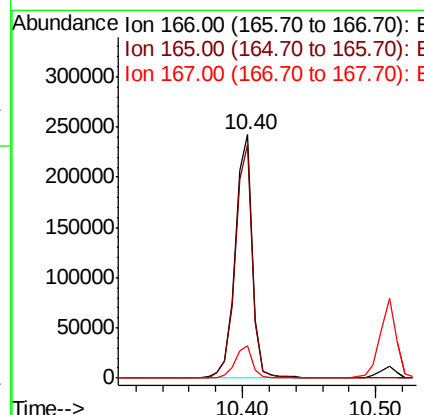
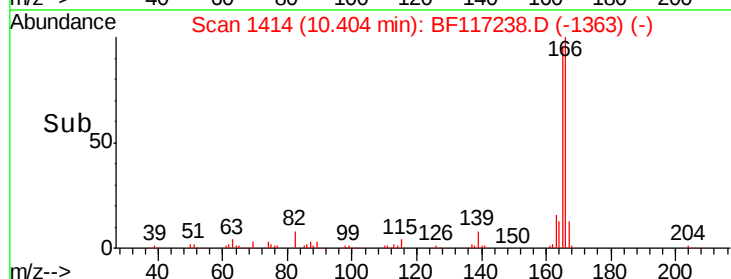
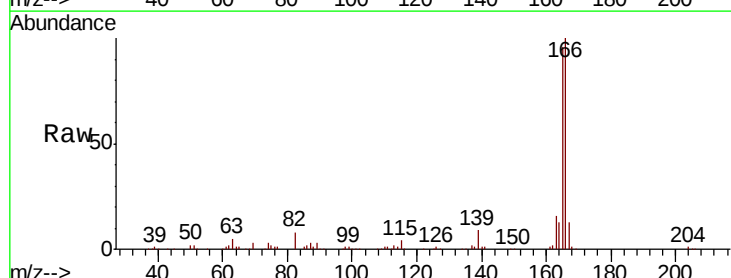
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#58
Fluorene
Concen: 41.798 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.9	118.3
167	13.2	10.6	15.8





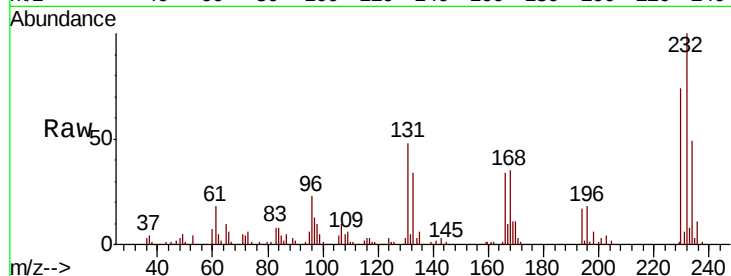
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.497 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

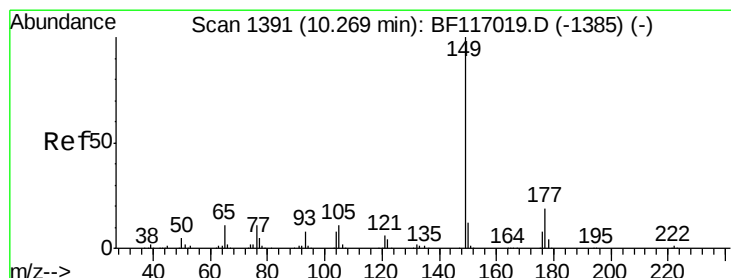
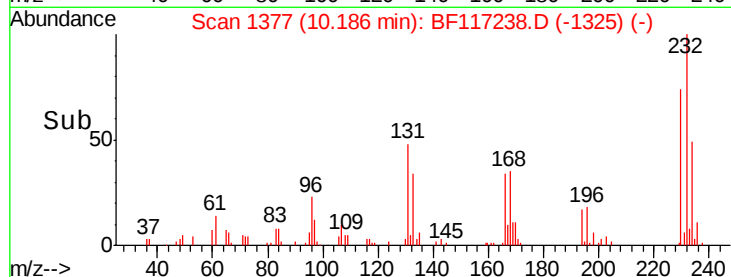
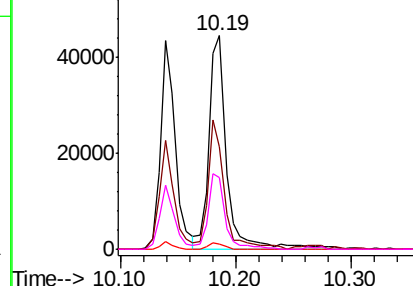
Tot Ion:	232	Resp:	47826
Ion Ratio	Lower	Upper	
232	100		
131	55.4	45.3	67.9
130	2.6	1.8	2.8
166	34.0	29.4	44.2

Manual Integrations
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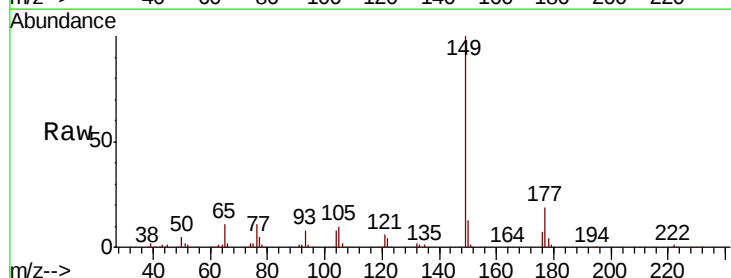


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

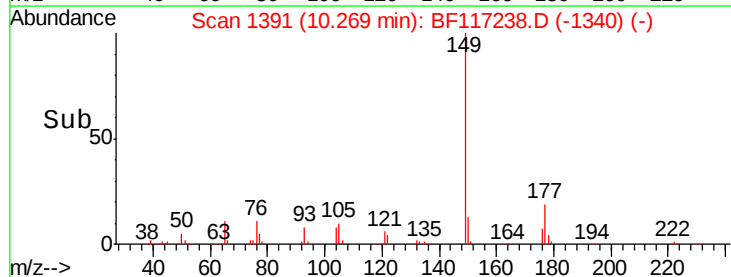
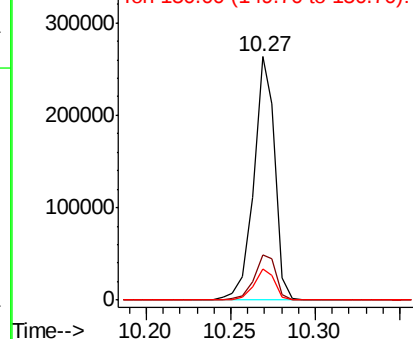


#60
 Diethylphthalate
 Concen: 40.983 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion:	149	Resp:	229650
Ion Ratio	Lower	Upper	
149	100		
177	18.8	15.2	22.8
150	12.6	9.9	14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





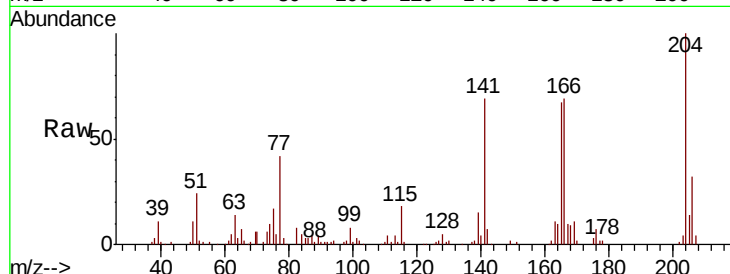
#61
4-Chlorophenyl-phenylether
Concen: 41.987 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampled :
SB-7MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.0	39.0
141	68.8	58.2	87.2

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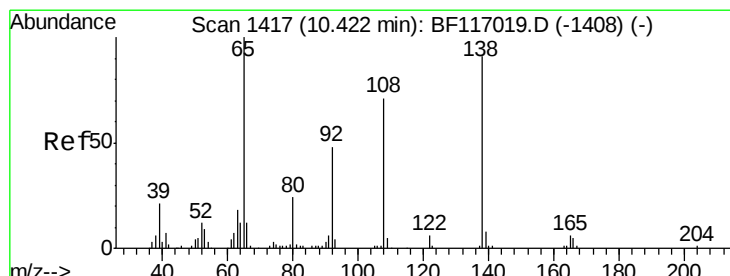
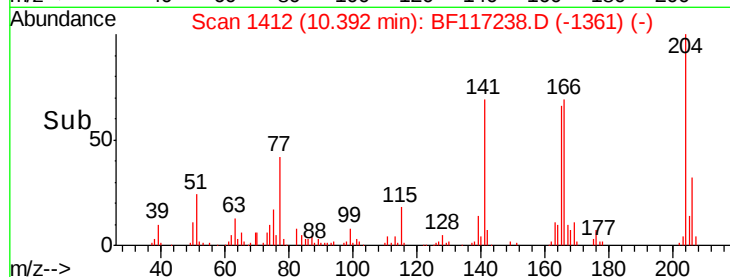
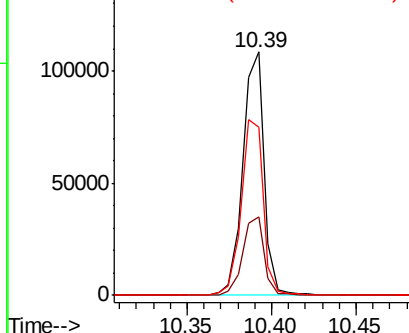


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 32.045 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

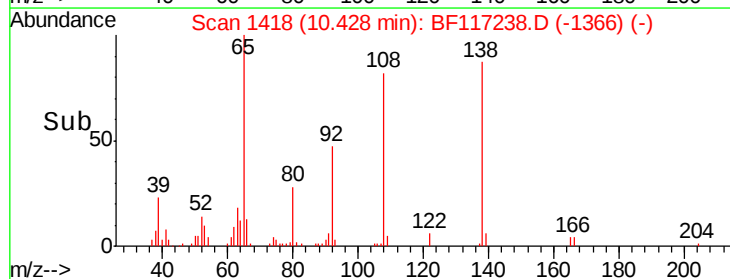
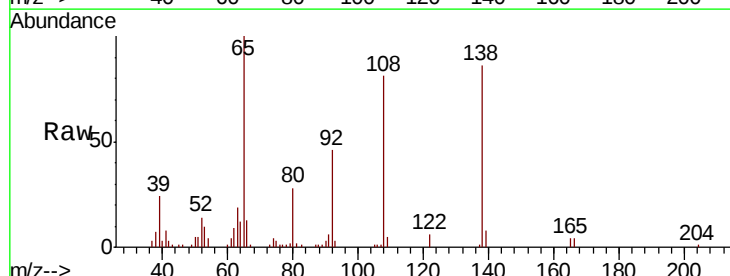
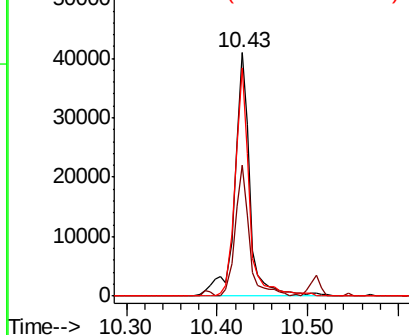
Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	32.9	72.9
108	93.9	58.3	98.3

Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





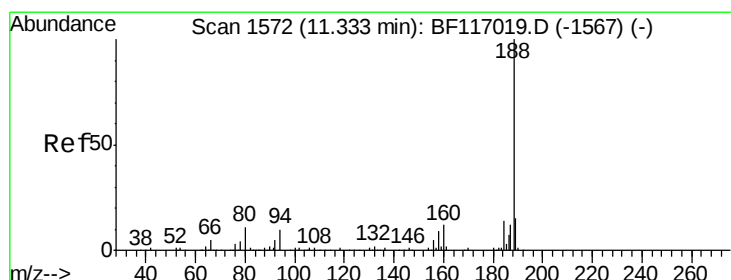
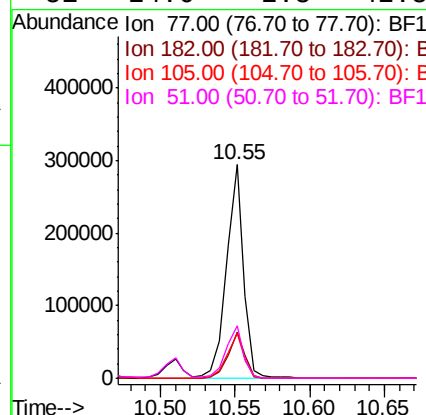
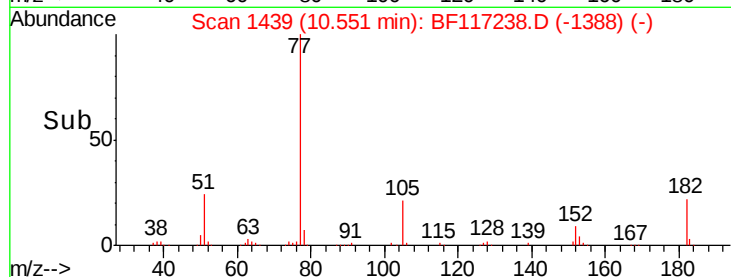
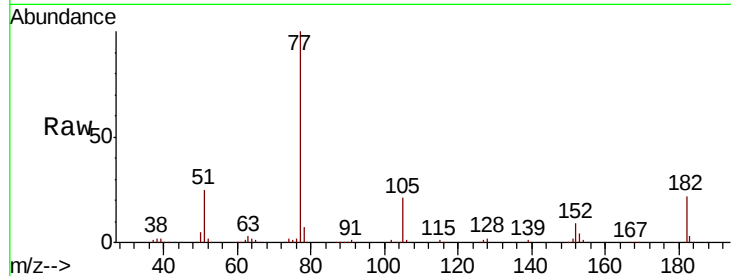
#63
Azobenzene
Concen: 41.743 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		238896		
182	21.8	0.4	40.4		
105	20.9	0.9	40.9		
51	24.6	2.8	42.8		

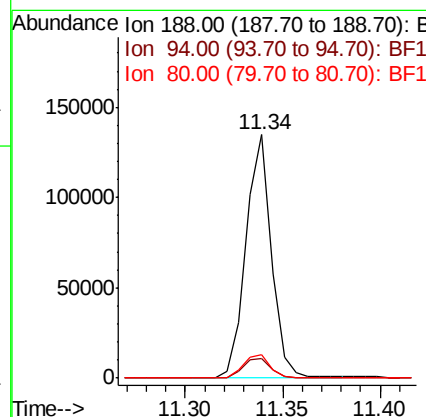
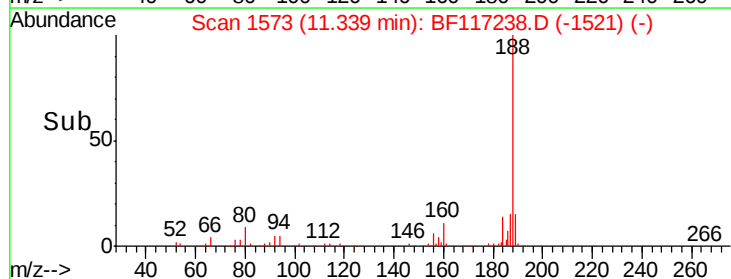
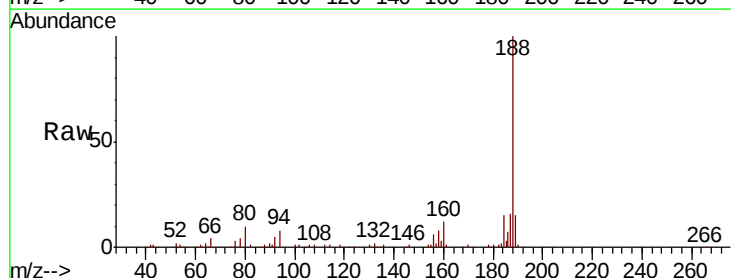
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		122492		
94	8.2	8.2	12.2		
80	9.6	9.0	13.6		





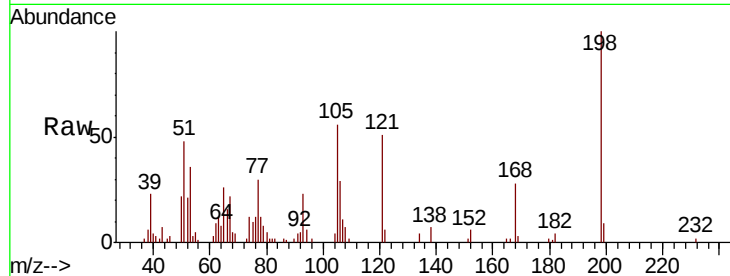
#65
4,6-Dinitro-2-methylphenol
Concen: 36.703 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampled :
SB-7MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.3	18.7	58.7
105	56.0	30.2	70.2

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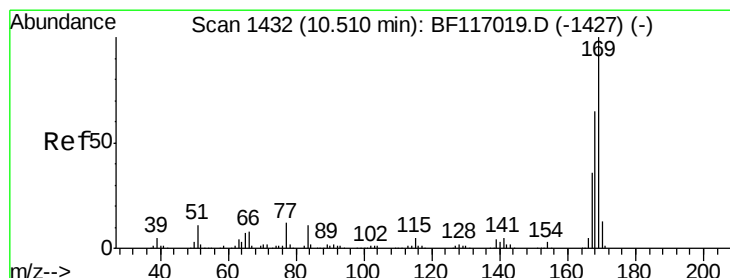
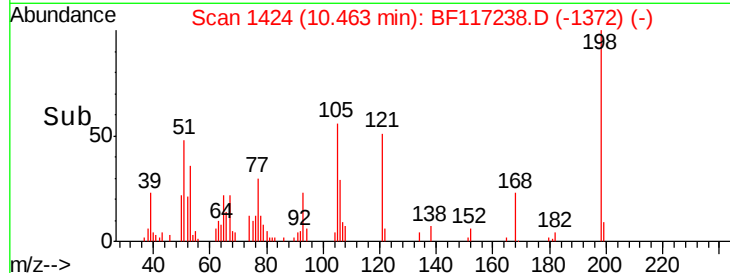
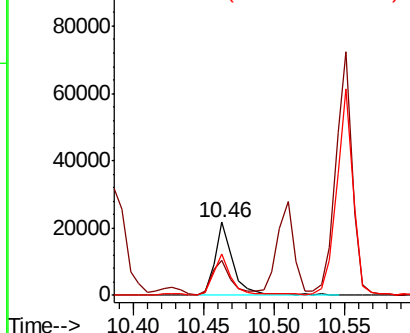


Abundance

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: 44.503 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

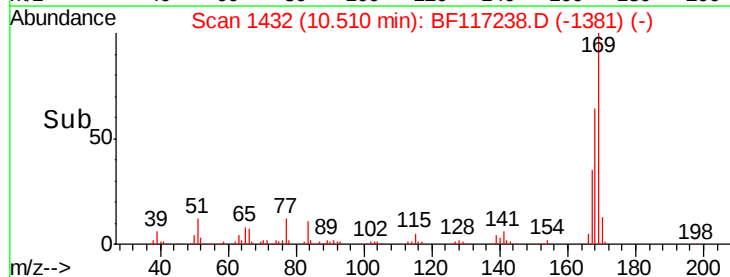
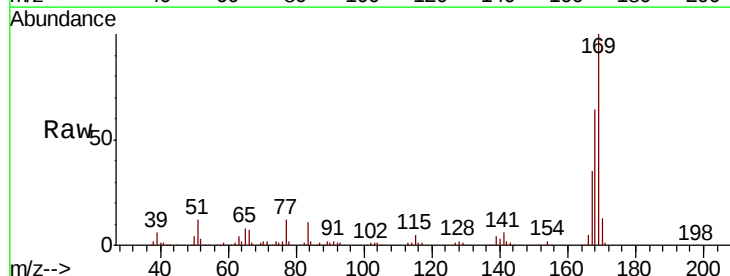
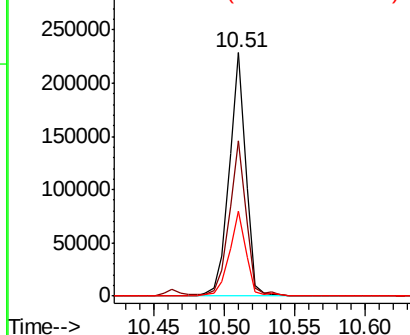
Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.0	52.2	78.2
167	34.9	28.8	43.2

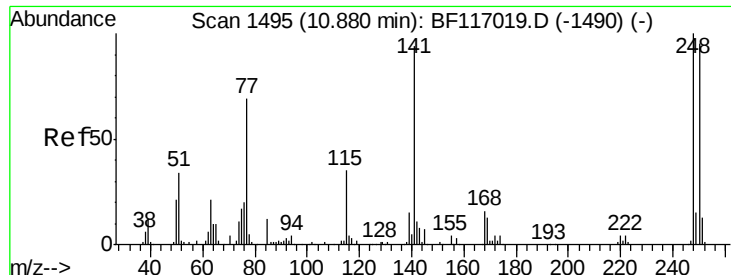
Abundance

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





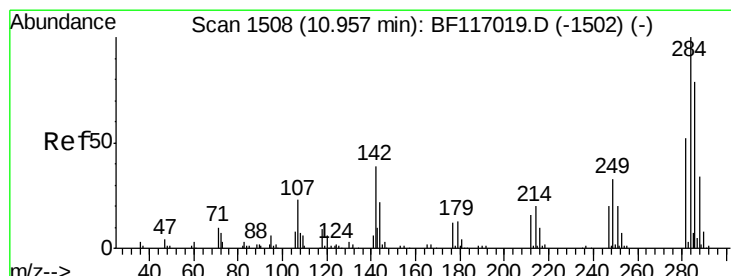
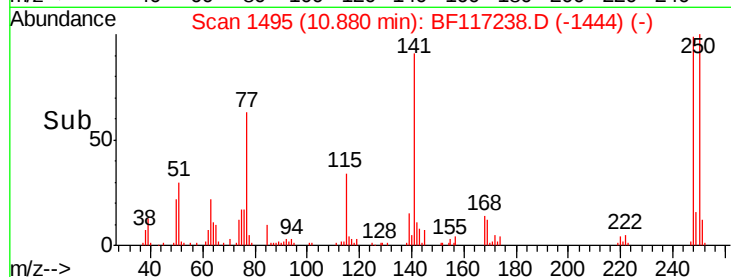
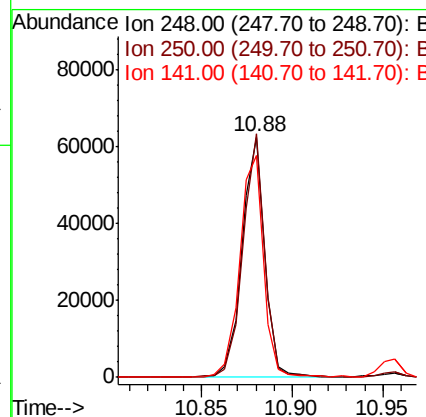
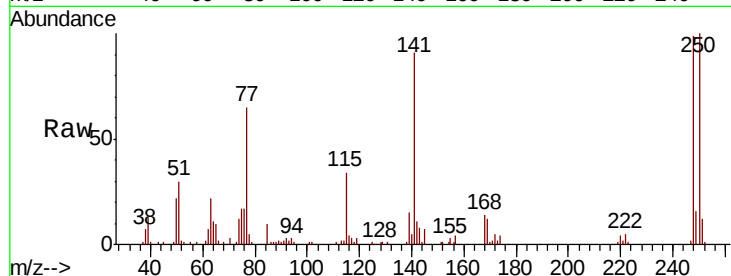
#67
 4-Bromophenyl-phenylether
 Concen: 43.226 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Tot Ion:	248	Resp:	54073
Ion Ratio	Lower	Upper	
248	100		
250	101.5	76.2	114.4
141	92.3	75.0	112.4

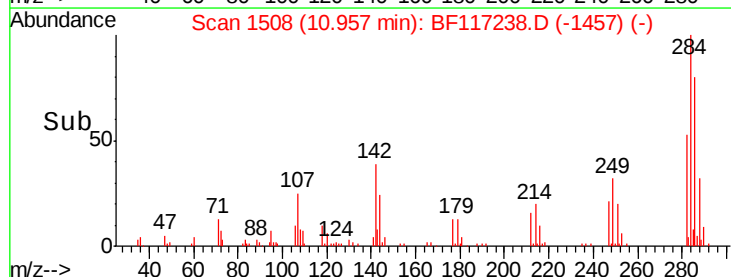
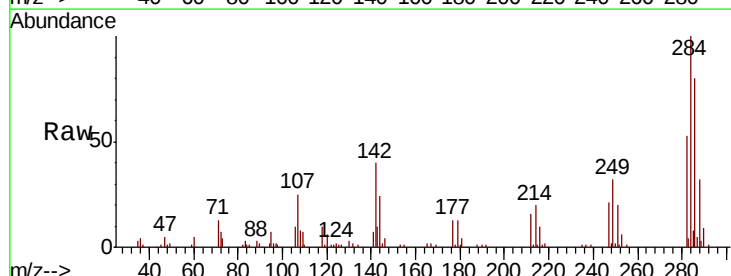
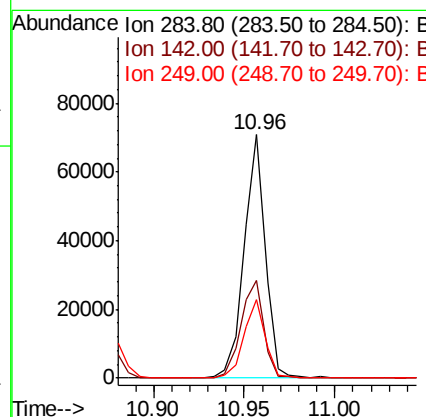
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#68
 Hexachlorobenzene
 Concen: 41.888 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion:	284	Resp:	57312
Ion Ratio	Lower	Upper	
284	100		
142	39.9	31.4	47.2
249	32.3	26.5	39.7





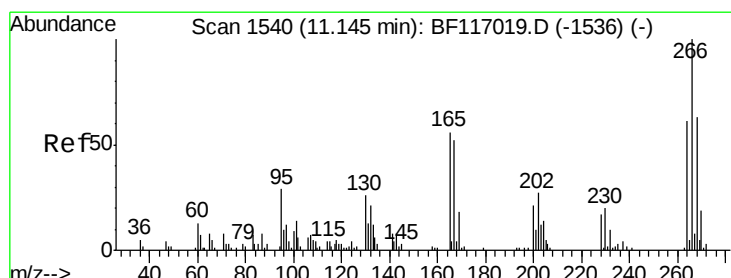
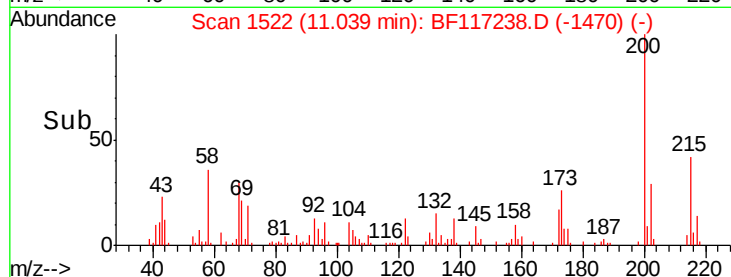
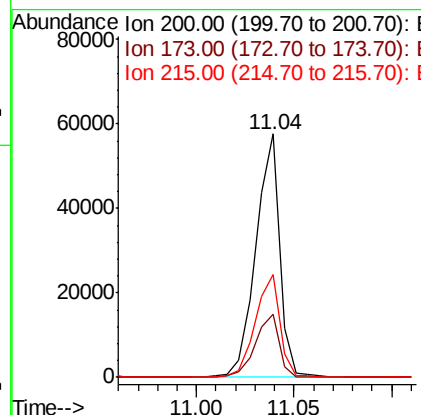
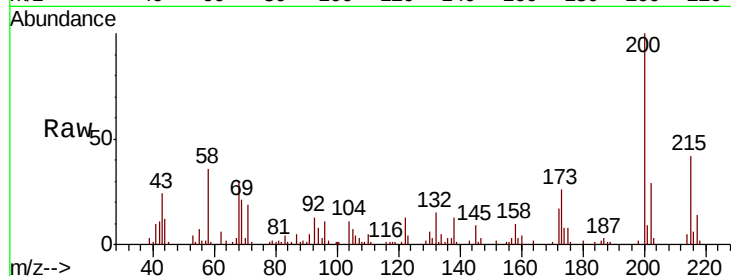
#69
 Atrazine
 Concen: 46.798 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	48733		
173	25.8	6.9	46.9	
215	42.1	23.8	63.8	

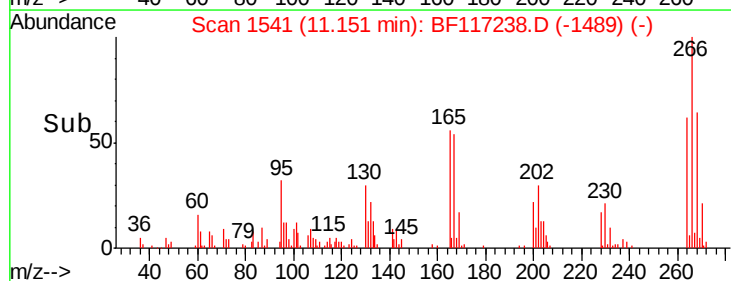
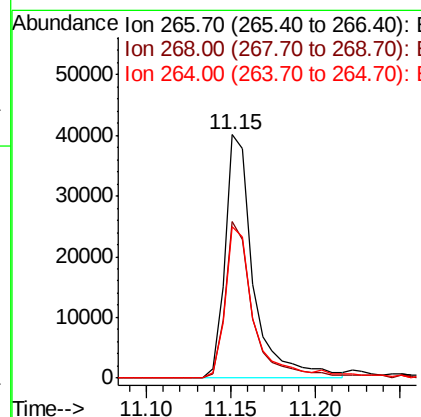
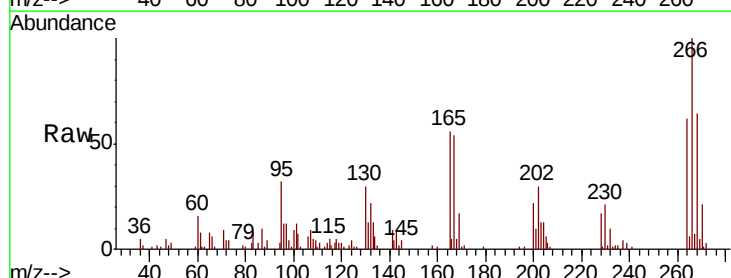
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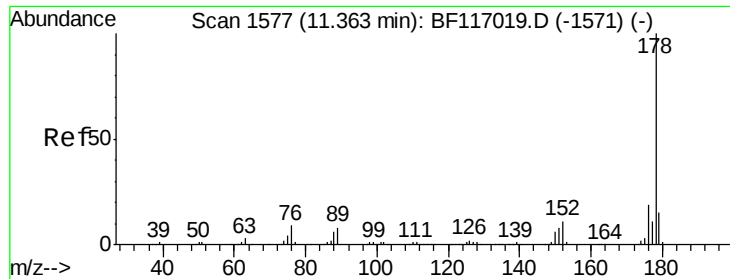
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#70
 Pentachlorophenol
 Concen: 73.311 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	47018		
268	64.4	50.5	75.7	
264	62.4	48.8	73.2	





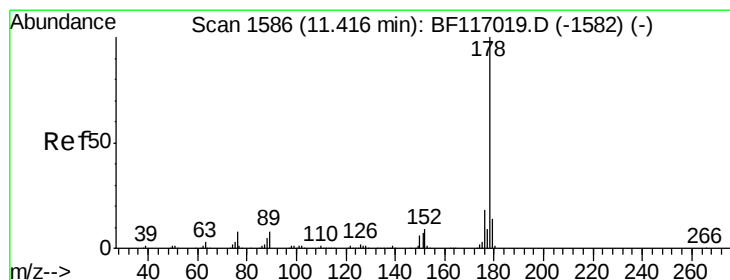
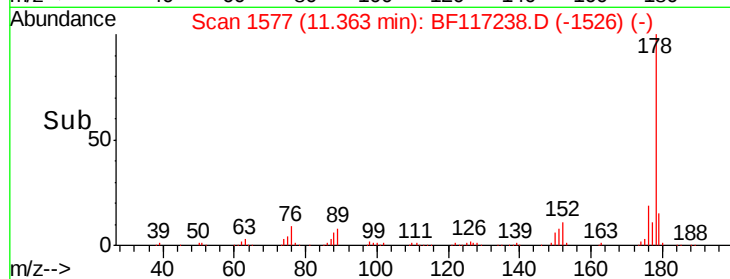
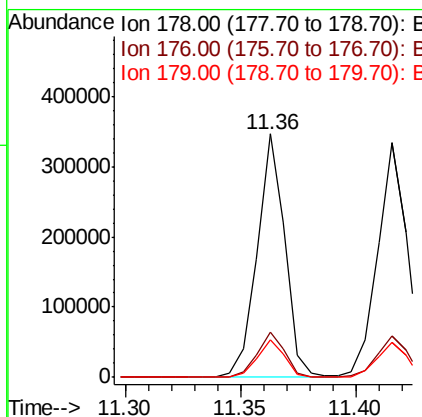
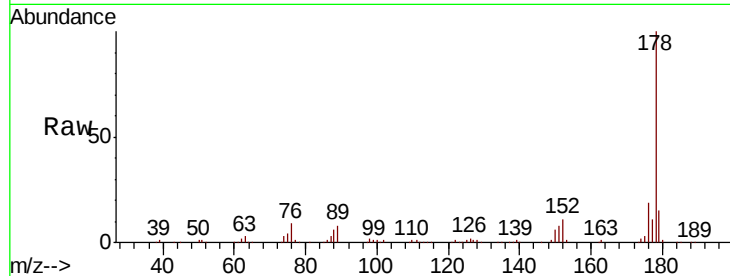
#71
Phenanthrene
Concen: 41.947 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		291846		
176	18.6	15.4	23.2		
179	15.4	12.4	18.6		

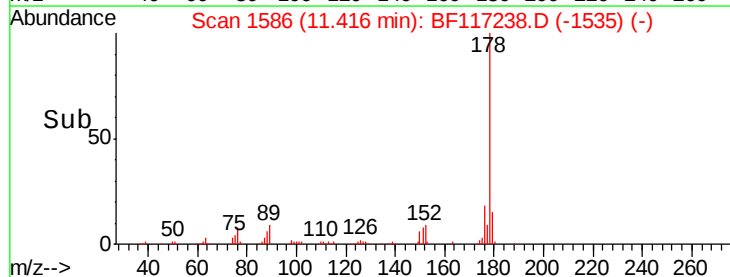
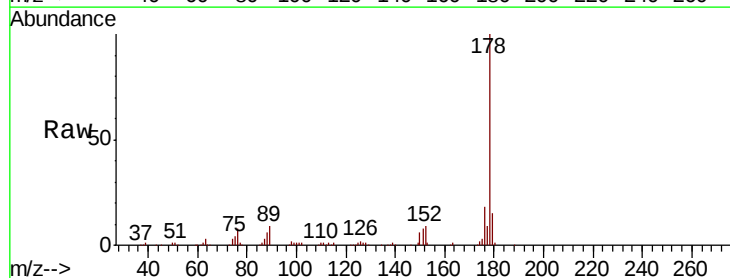
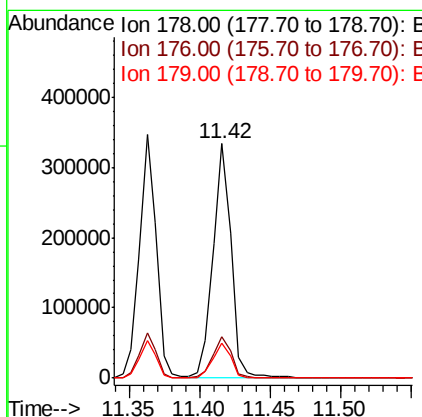
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#72
Anthracene
Concen: 42.160 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		299466		
176	17.9	14.6	21.8		
179	15.0	11.6	17.4		





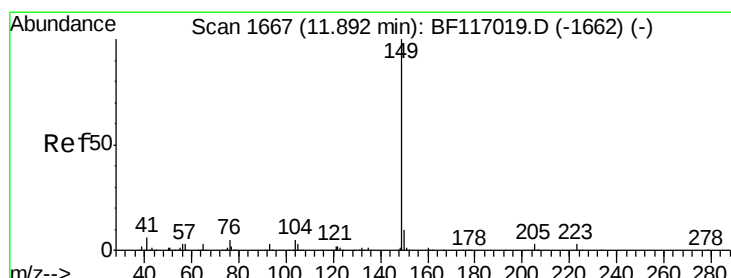
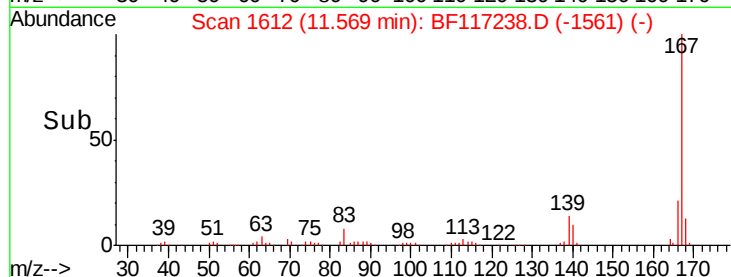
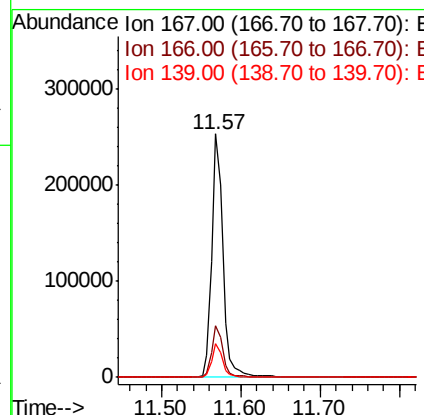
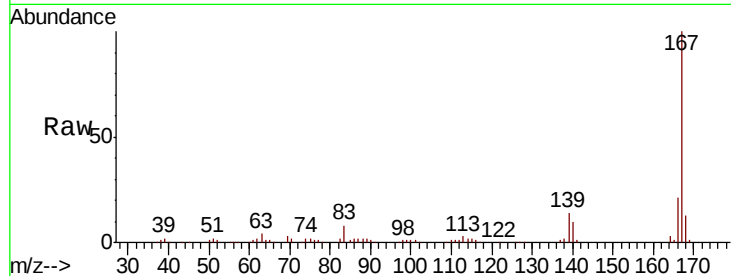
#73
 Carbazole
 Concen: 37.480 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	13.8	10.6	16.0

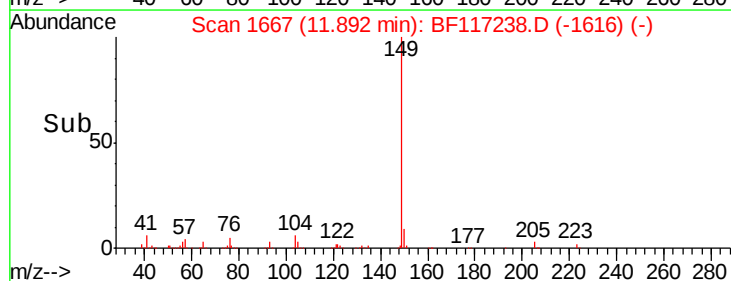
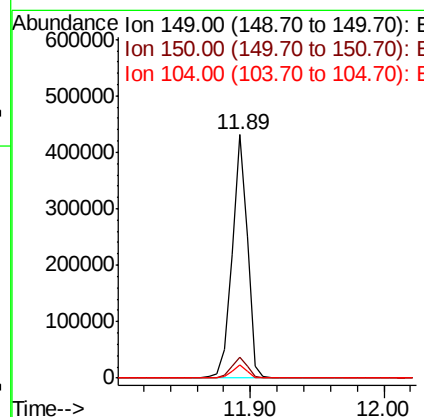
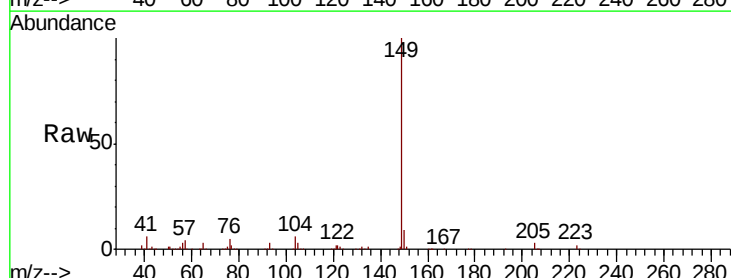
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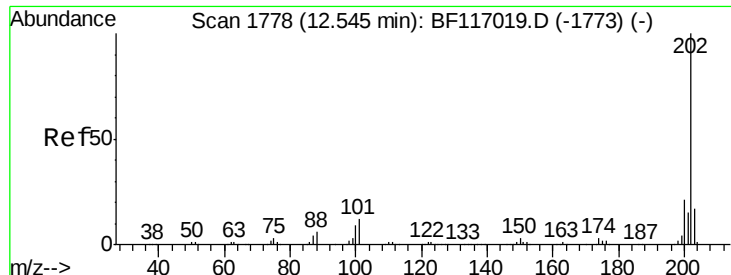
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#74
 Di-n-butylphthalate
 Concen: 43.609 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.7	11.5
104	5.6	4.2	6.4





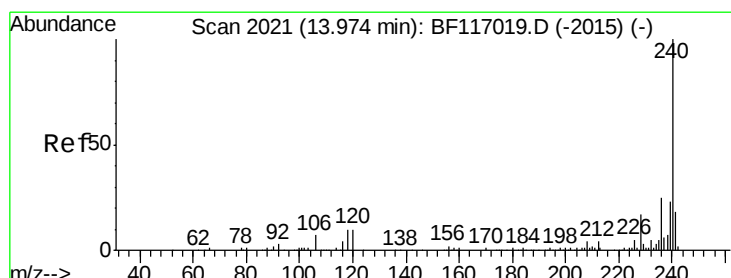
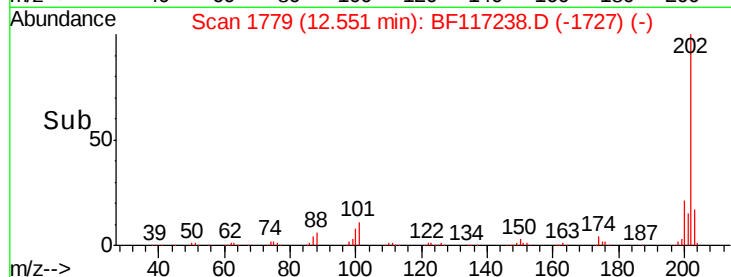
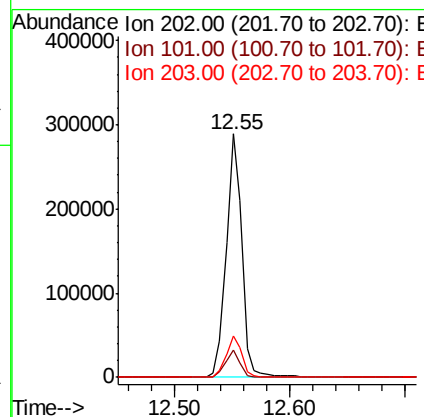
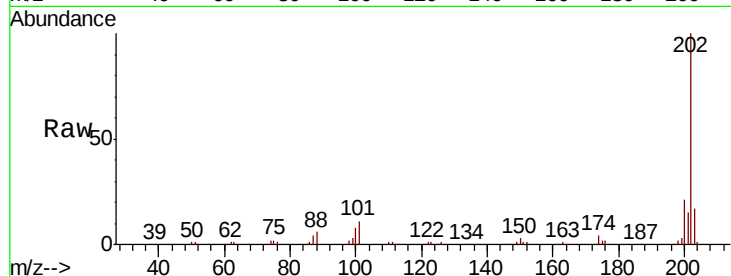
#75
 Fluoranthene
 Concen: 37.998 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	0.0	32.3
203	16.8	0.0	37.1

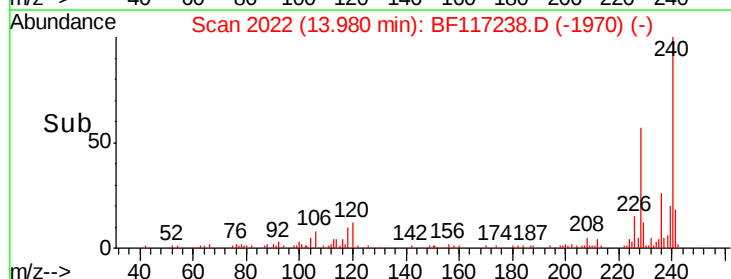
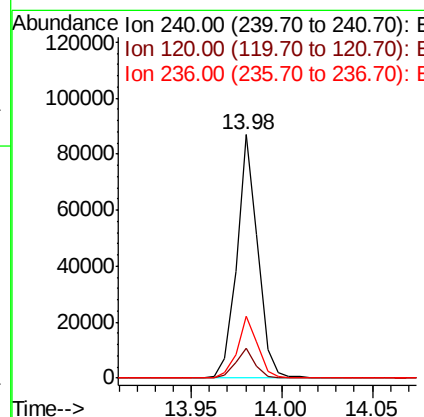
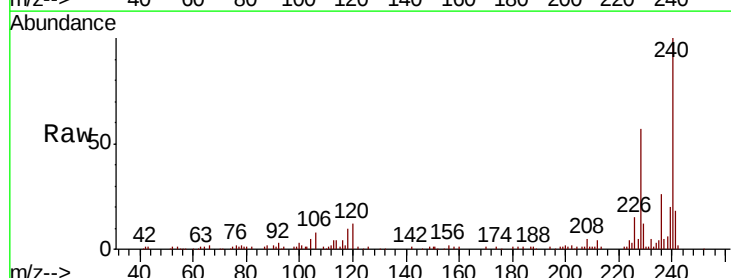
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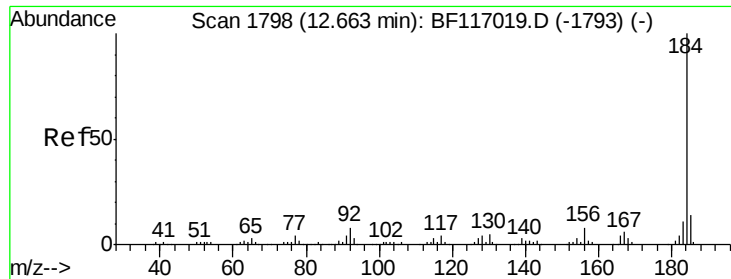
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF117238.D
 Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.1	8.3	12.5
236	25.5	20.3	30.5





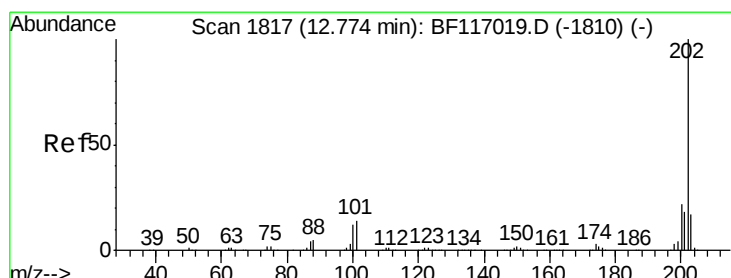
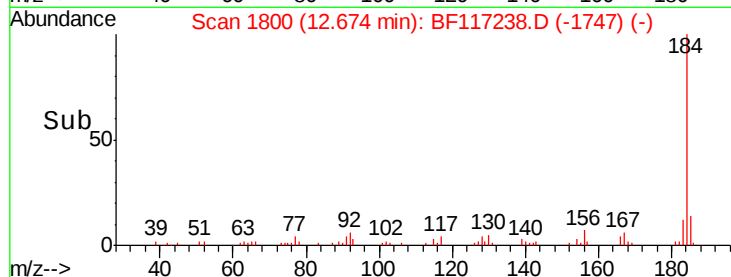
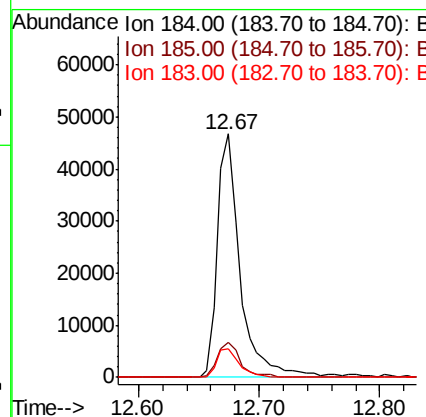
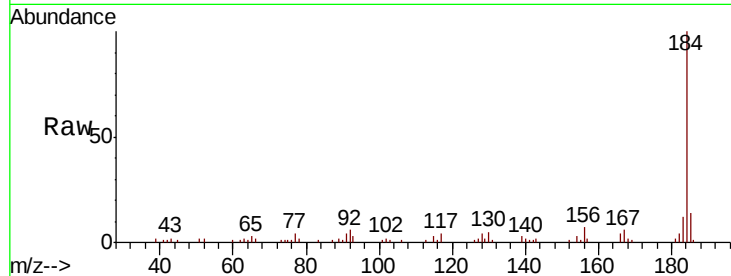
#77
Benzidine
Concen: 26.993 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	60866		
185	14.2		11.6	17.4
183	11.8		9.0	13.4

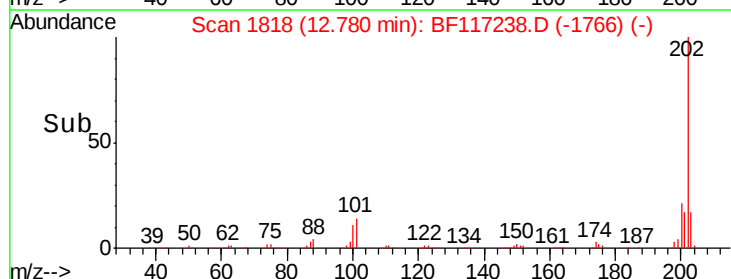
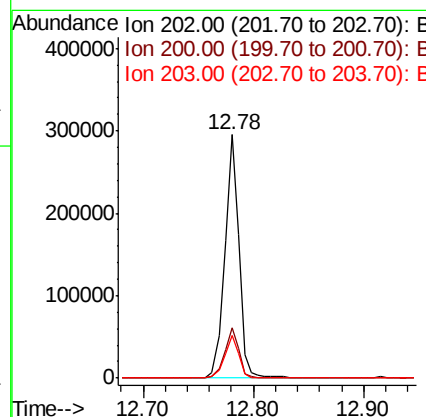
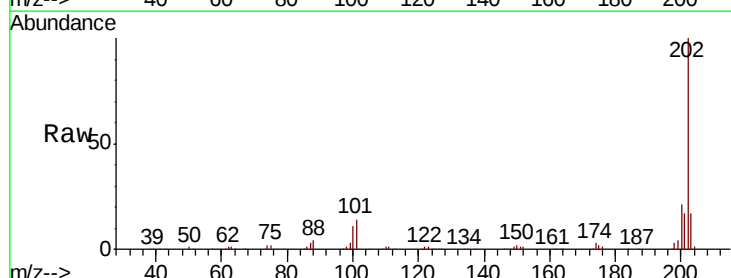
Manual Integrations
APPROVED

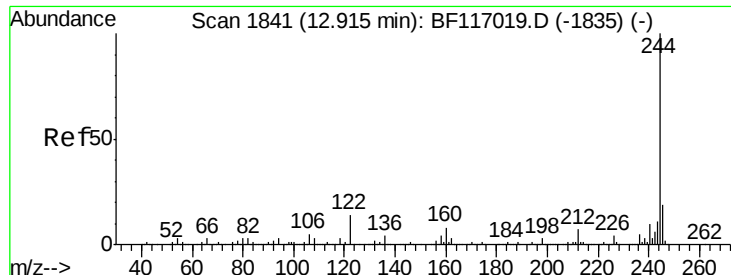
mohammad
9/26/2019 3:53:35 PM



#78
Pyrene
Concen: 44.842 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	263385		
200	20.9		17.2	25.8
203	17.5		14.0	21.0





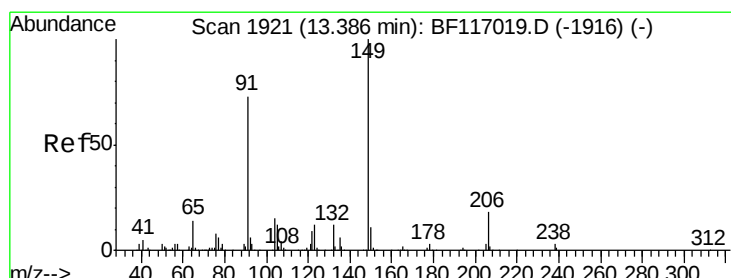
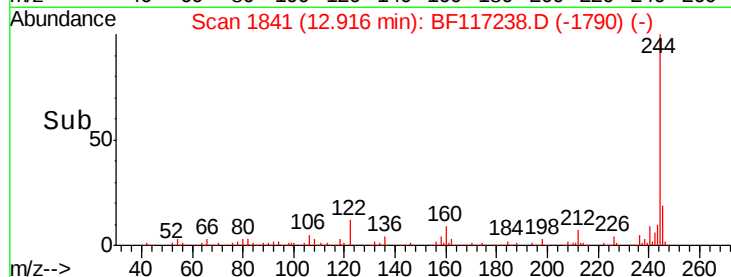
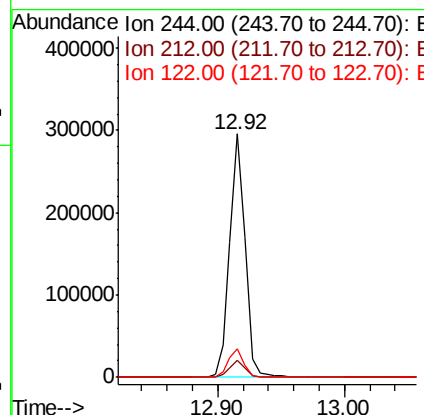
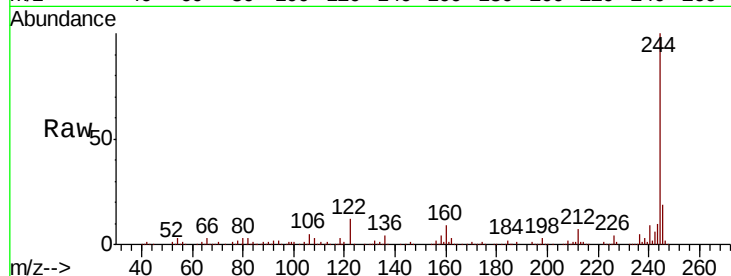
#79
Terphenyl-d14
Concen: 66.999 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ratio	Resp	Lower	Upper
244	100	250908		
212	6.8		5.8	8.8
122	11.8		11.3	16.9

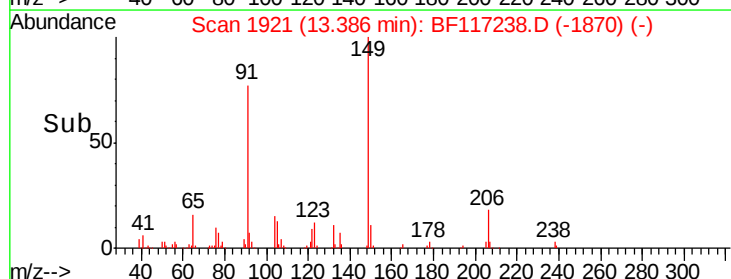
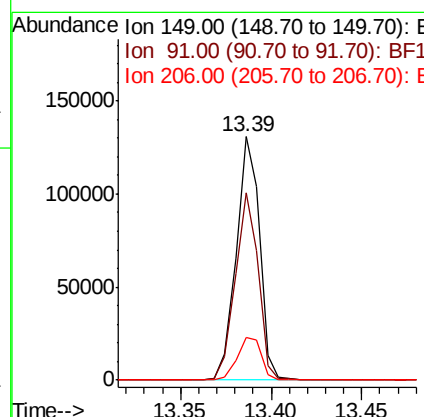
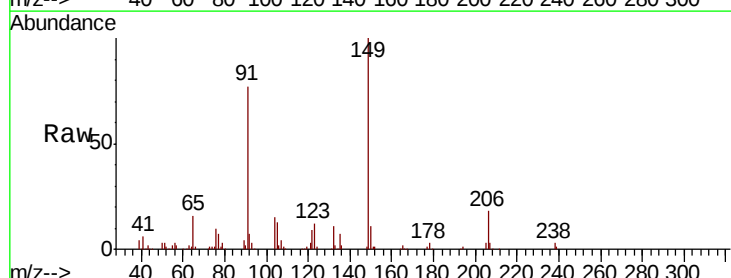
Manual Integrations
APPROVED

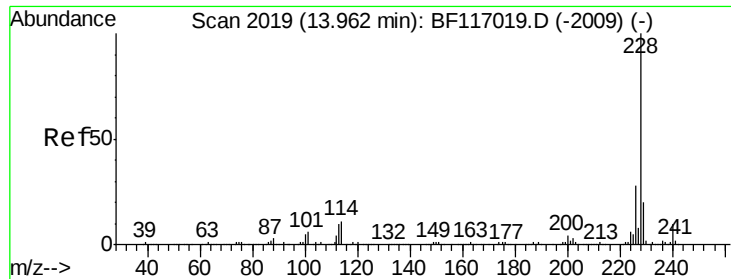
mohammad
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#80
Butylbenzylphthalate
Concen: 42.311 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	117429		
91	76.9		58.8	88.2
206	17.5		14.1	21.1





#81

Benzo(a)anthracene

Concen: 39.386 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

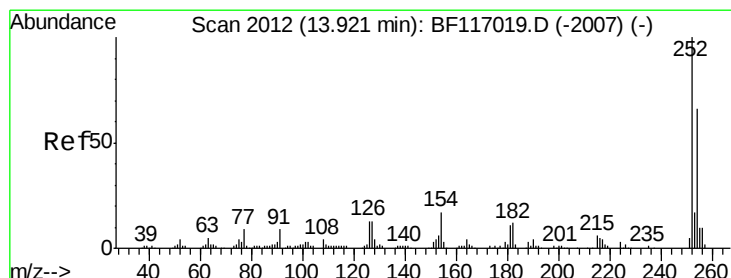
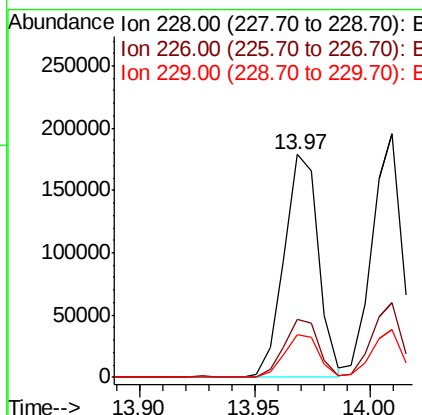
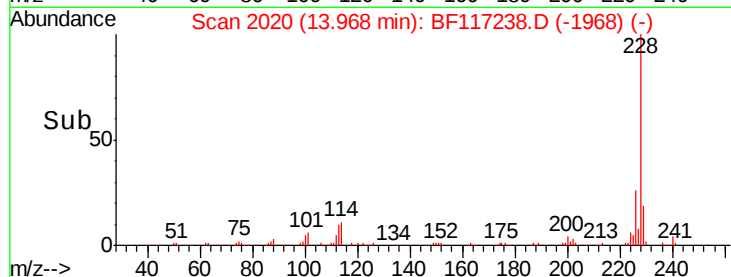
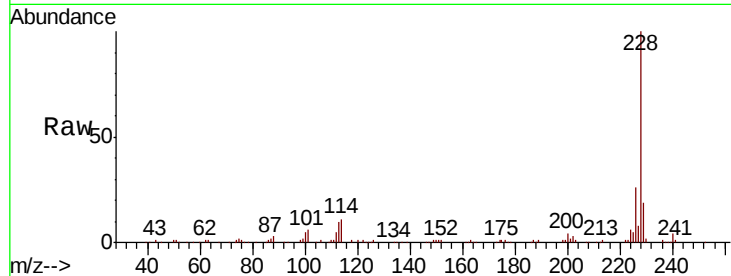
ClientSampled :

SB-7MS

Tot Ion:	228	Resp:	184201
Ion Ratio	Lower	Upper	
228	100		
226	26.0	22.3	33.5
229	19.4	15.9	23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 28.556 ng

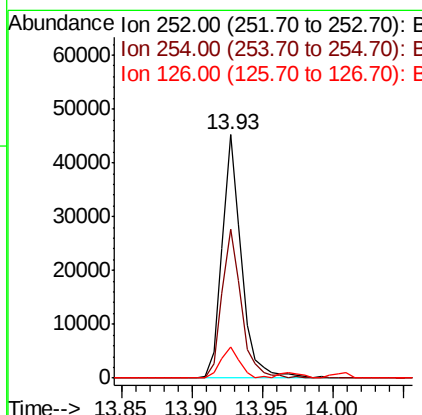
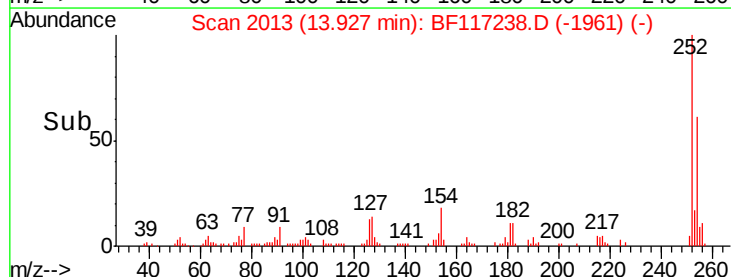
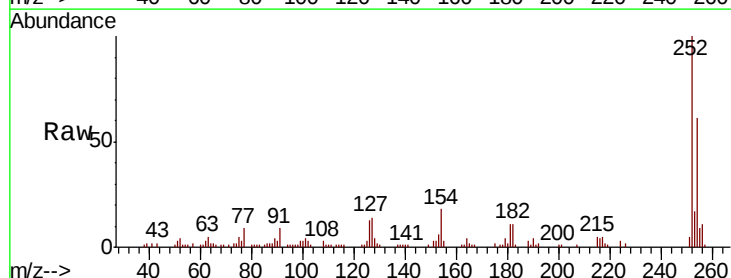
RT: 13.93 min Scan# 2013

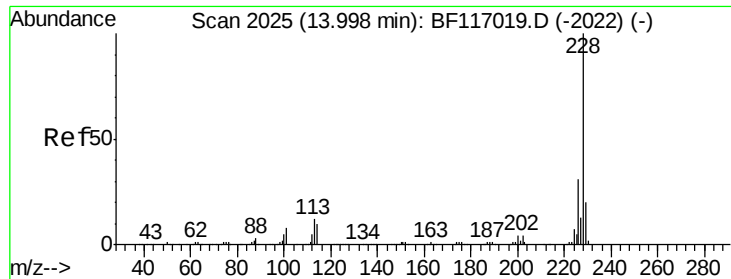
Delta R.T. 0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Tgt Ion:	252	Resp:	43037
Ion Ratio	Lower	Upper	
252	100		
254	61.1	52.6	79.0
126	12.7	10.4	15.6





#83

Chrvsene

Concen: 39.180 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Instrument :

BNA_F

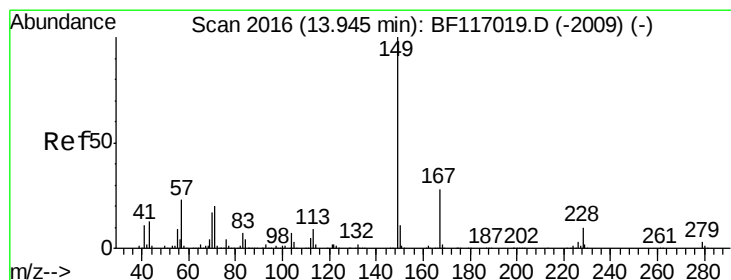
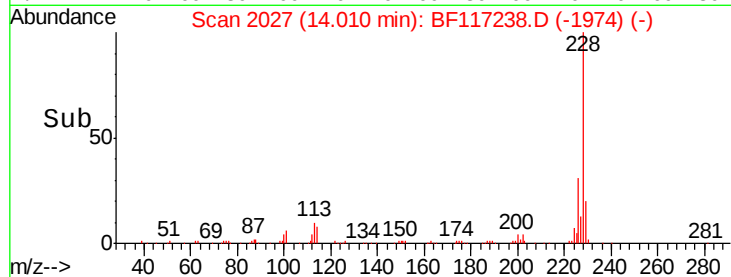
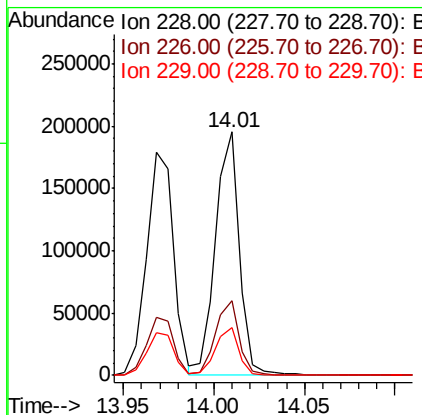
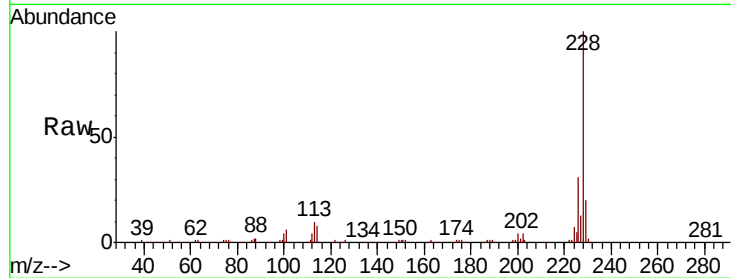
ClientSampled :

SB-7MS

Tot Ion:	228	Resp:	178719
Ion Ratio		Lower	Upper
228	100		
226	30.8	24.8	37.2
229	19.7	15.8	23.8

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 47.276 ng

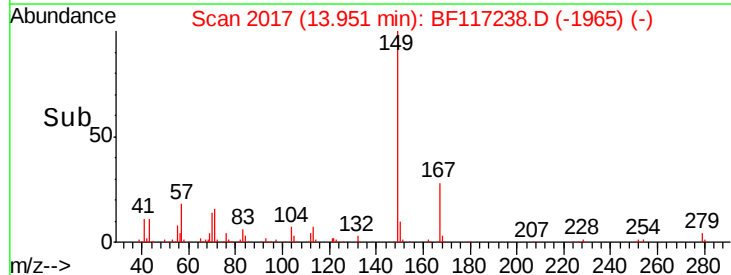
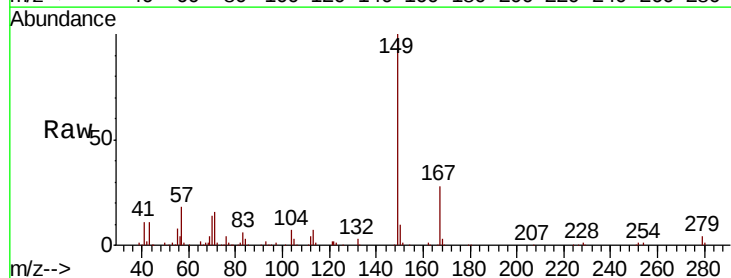
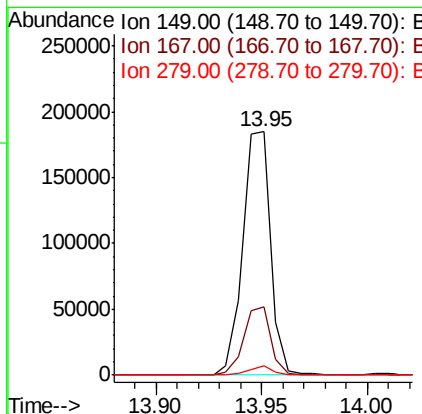
RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF117238.D

Acq: 25 Sep 2019 14:02

Tgt Ion:	149	Resp:	169176
Ion Ratio		Lower	Upper
149	100		
167	28.1	22.2	33.2
279	3.6	2.8	4.2





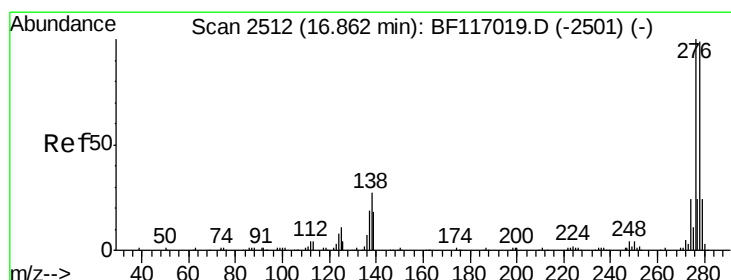
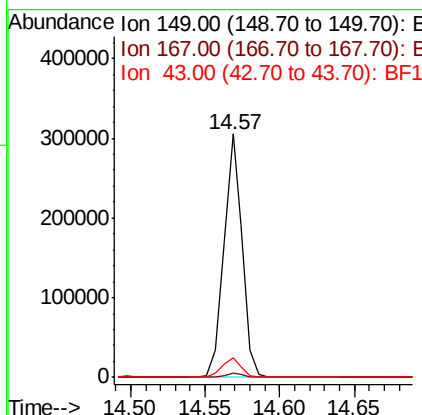
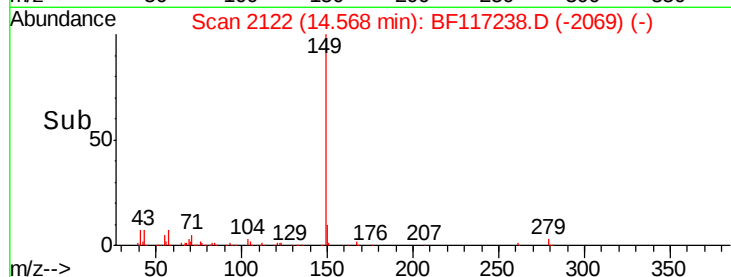
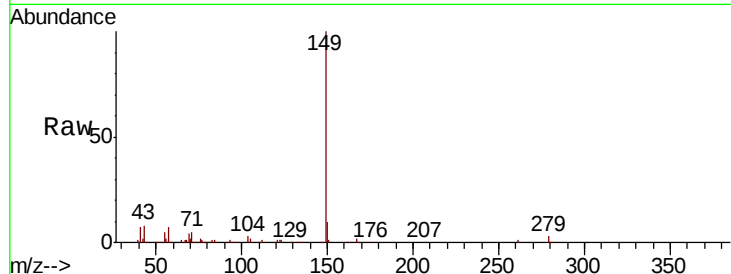
#85
Di-n-octyl phthalate
Concen: 46.699 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		263022		
167	1.5	1.2	1.8		
43	7.8	6.2	9.4		

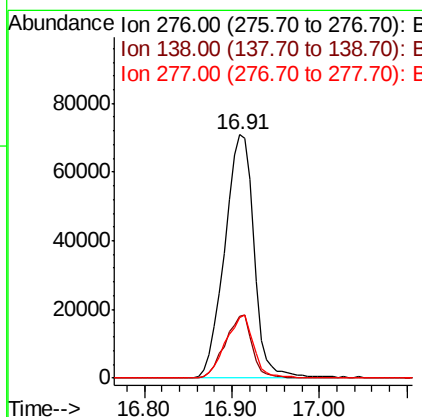
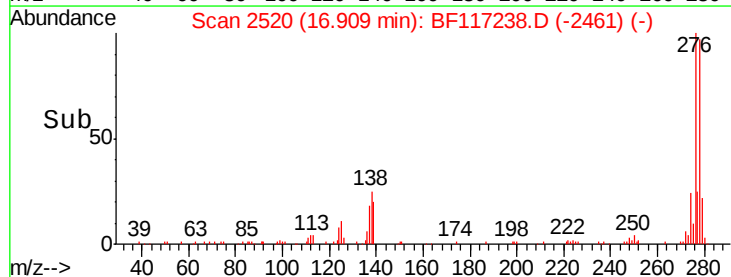
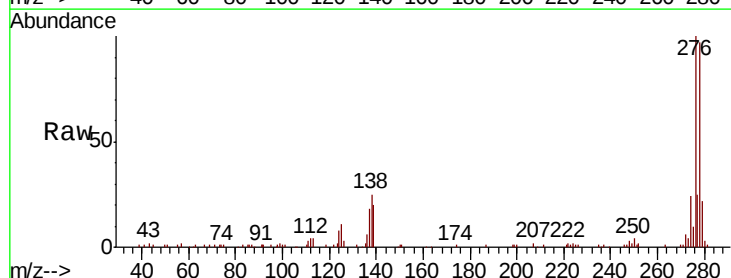
Manual Integrations
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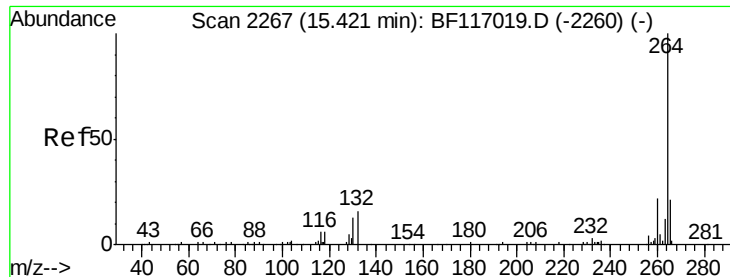
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.855 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.05 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		162581		
138	23.8	20.7	31.1		
277	24.4	19.8	29.8		





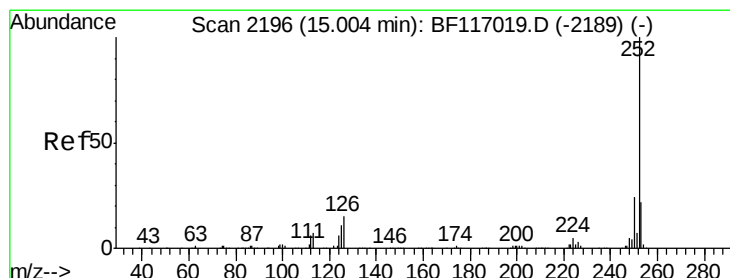
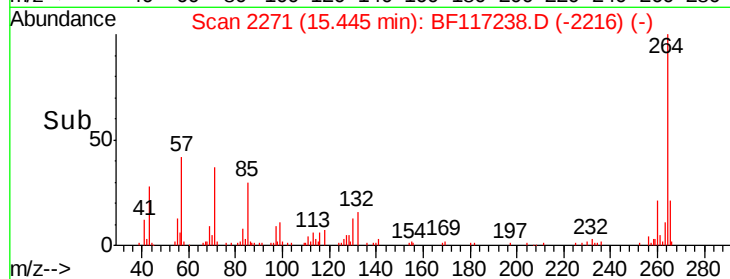
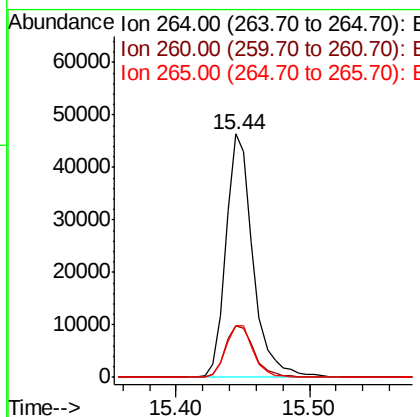
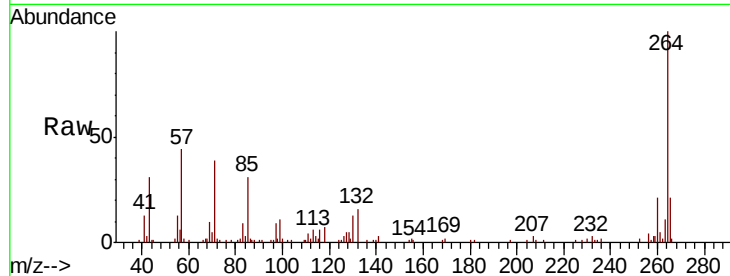
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.02 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.6	26.4
265	21.1	16.6	24.8

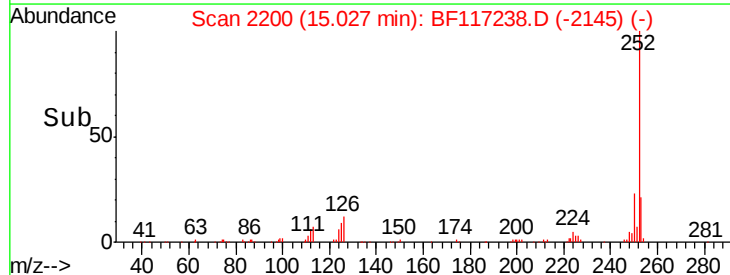
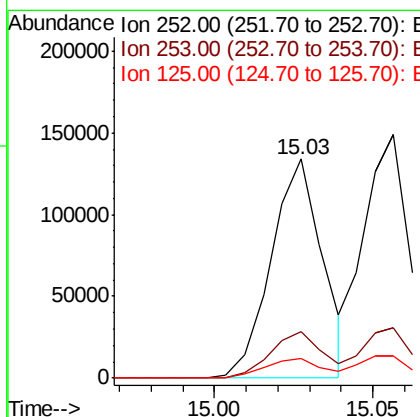
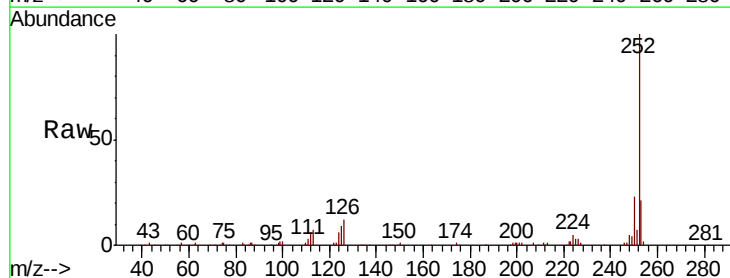
Manual Integrations
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#88
Benzo(b)fluoranthene
Concen: 37.963 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.0	8.6	12.8





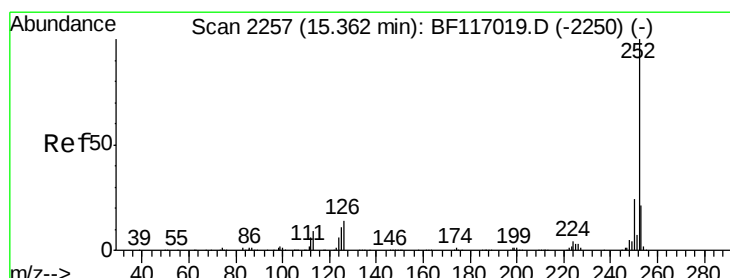
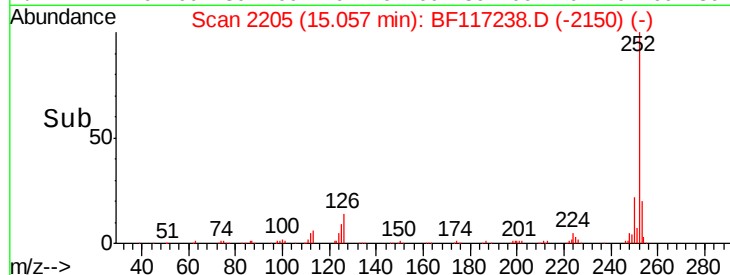
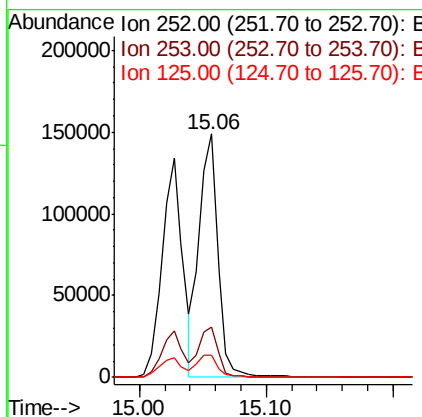
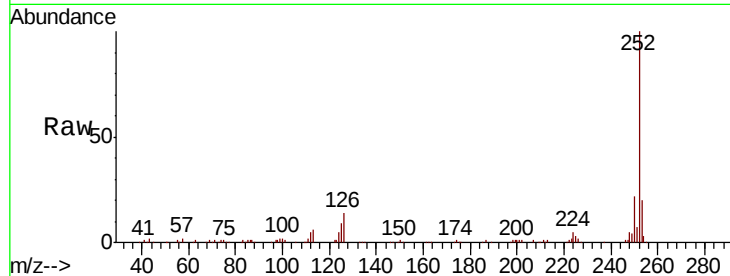
#89
Benzo(k)fluoranthene
Concen: 40.663 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.4	26.2
125	8.9	8.8	13.2

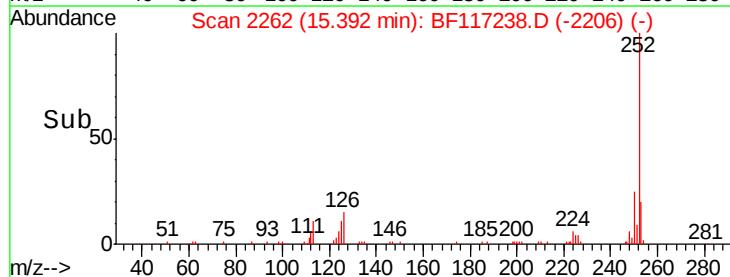
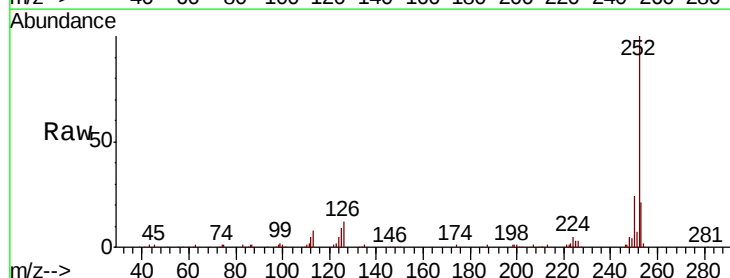
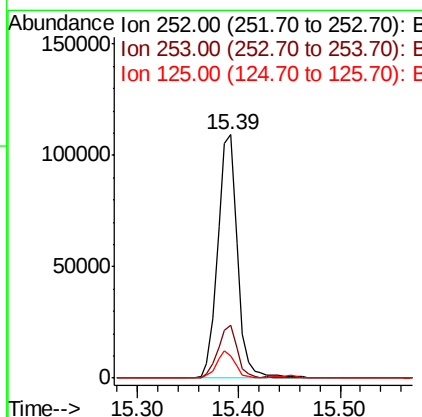
Manual Integrations
APPROVED

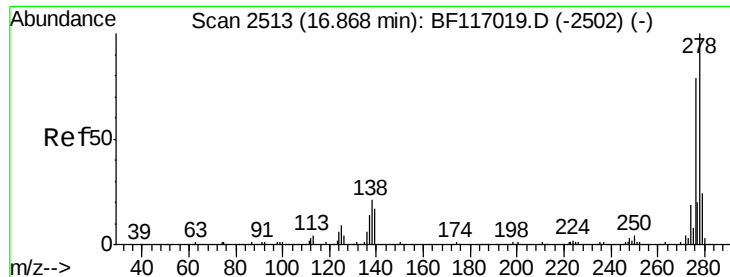
mohammad
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#90
Benzo(a)pyrene
Concen: 42.092 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.03 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.6	25.0
125	9.4	8.9	13.3





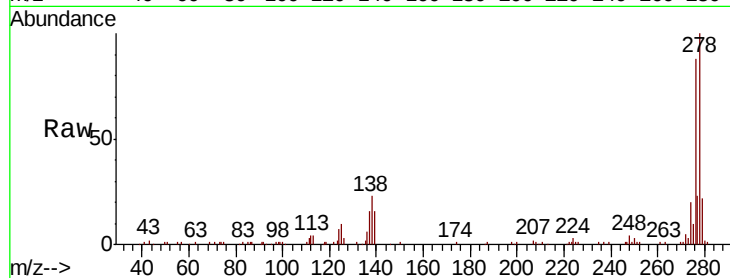
#91
Dibenzo(a,h)anthracene
Concen: 49.043 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.05 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.5	20.3
279	22.3	18.8	28.2

Manual Integrations
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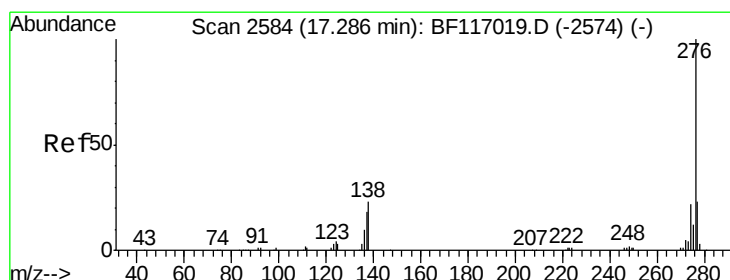
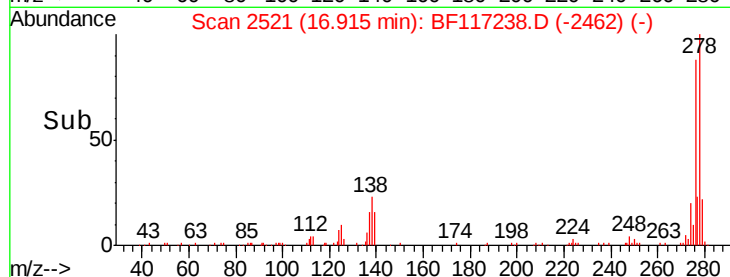
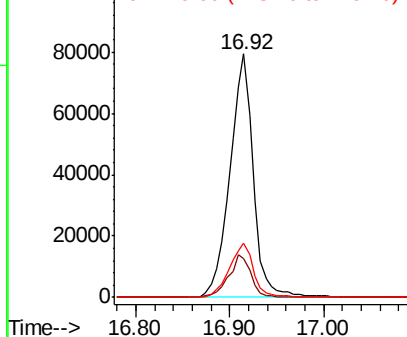


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.951 ng
RT: 17.34 min Scan# 2594
Delta R.T. 0.06 min
Lab File: BF117238.D
Acq: 25 Sep 2019 14:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	27.8
138	19.8	18.0	27.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

