

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117954.D
 Acq On : 23 Nov 2019 14:13
 Operator : JU
 Sample : PB125043BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125043BS

Manual Integrations
 APPROVED

mohammad
 11/25/2019 2:32:07 PM

Quant Time: Nov 25 08:09:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	153666	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	600642	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	338313	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	654075	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	488310	20.00	ng	-0.01
87) Perylene-d12	15.60	264	385415	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	876924	101.01	ng	-0.02
7) Phenol-d6	6.53	99	761543	72.73	ng	-0.02
23) Nitrobenzene-d5	7.47	82	916875	90.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	484771	135.35	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1750556	92.83	ng	-0.02
79) Terphenyl-d14	13.04	244	2213378	82.84	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.70	88	99176	24.440 ng	98
3) Pyridine	3.47	79	188527	17.711 ng	98
4) n-Nitrosodimethylamine	3.40	42	125566	27.023 ng	99
6) Aniline	6.56	93	85333	6.167 ng	100
8) 2-Chlorophenol	6.69	128	457752	48.594 ng	95
9) Benzaldehyde	6.45	77	117359	13.347 ng	93
10) Phenol	6.54	94	293110	26.938 ng	96
11) bis(2-Chloroethyl)ether	6.63	93	409468	46.862 ng	99
12) 1,3-Dichlorobenzene	6.85	146	479418	43.230 ng	99
13) 1,4-Dichlorobenzene	6.92	146	507047	45.233 ng	99
14) 1,2-Dichlorobenzene	7.07	146	489494	45.658 ng	100
15) Benzyl Alcohol	7.04	79	321782	39.805 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	581478	43.224 ng	98
17) 2-Methylphenol	7.16	107	376730	47.226 ng	97
18) Hexachloroethane	7.42	117	166106	40.337 ng	95
19) n-Nitroso-di-n-propylamine	7.32	70	310740	48.104 ng	97
20) 3+4-Methylphenols	7.30	107	430190	43.443 ng	# 84
22) Acetophenone	7.32	105	646287	47.892 ng	# 96
24) Nitrobenzene	7.49	77	466284	44.733 ng	97
25) Isophorone	7.73	82	858851	46.376 ng	98
26) 2-Nitrophenol	7.80	139	236738	46.662 ng	95
27) 2,4-Dimethylphenol	7.84	122	368930	46.797 ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	465037	39.572 ng	99
29) 2,4-Dichlorophenol	8.05	162	385718	45.106 ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	443325	44.694 ng	99
31) Naphthalene	8.22	128	1334287	47.651 ng	100
32) Benzoic acid	7.93	122	152995	23.178 ng	99
33) 4-Chloroaniline	8.26	127	40247	3.211 ng	98
34) Hexachlorobutadiene	8.33	225	241970	41.723 ng	99
35) Caprolactam	8.63	113	42050m	15.472 ng	
36) 4-Chloro-3-methylphenol	8.74	107	384366	44.289 ng	96
37) 2-Methylnaphthalene	8.91	142	838614	44.325 ng	99
38) 1-Methylnaphthalene	9.01	142	815123	45.572 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	403835	41.103 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	476938	86.623	ng	99
43) 2,4,6-Trichlorophenol	9.19	196	309658	44.003	ng	99
44) 2,4,5-Trichlorophenol	9.23	196	334760	45.816	ng	99
46) 1,1'-Biphenyl	9.37	154	1137669	45.326	ng	98
47) 2-Chloronaphthalene	9.40	162	909701	44.057	ng	98
48) 2-Nitroaniline	9.49	65	267610	42.929	ng	97
49) Acenaphthylene	9.82	152	1478015	49.097	ng	99
50) Dimethylphthalate	9.67	163	1201197	50.632	ng	99
51) 2,6-Dinitrotoluene	9.74	165	262551	50.637	ng #	82
52) Acenaphthene	9.99	154	919648	47.688	ng	99
53) 3-Nitroaniline	9.90	138	50266	8.102	ng	95
54) 2,4-Dinitrophenol	10.02	184	302491	110.514	ng	94
55) Dibenzofuran	10.16	168	1310017	49.056	ng	99
56) 4-Nitrophenol	10.06	139	288323	62.259	ng	94
57) 2,4-Dinitrotoluene	10.15	165	356818	54.100	ng	89
58) Fluorene	10.51	166	981647	47.436	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	296490	49.387	ng	99
60) Diethylphthalate	10.37	149	1098677	47.501	ng	99
61) 4-Chlorophenyl-phenylether	10.50	204	497336	47.356	ng	99
62) 4-Nitroaniline	10.52	138	166637	26.825	ng	94
63) Azobenzene	10.66	77	966387	45.926	ng	97
65) 4,6-Dinitro-2-methylphenol	10.55	198	197273	64.606	ng	86
66) n-Nitrosodiphenylamine	10.62	169	642537	33.755	ng	99
67) 4-Bromophenyl-phenylether	10.99	248	307485	43.569	ng	97
68) Hexachlorobenzene	11.06	284	359610	43.699	ng	100
69) Atrazine	11.15	200	218776	34.938	ng	99
70) Pentachlorophenol	11.25	266	426541	88.719	ng	99
71) Phenanthrene	11.47	178	1566350	47.632	ng	99
72) Anthracene	11.53	178	1604151	49.200	ng	100
73) Carbazole	11.68	167	1123949	39.448	ng	99
74) Di-n-butylphthalate	12.01	149	1651887	46.566	ng	99
75) Fluoranthene	12.67	202	1580504	54.341	ng	99
77) Benzidine	12.79	184	1069	0.067	ng #	45
78) Pyrene	12.90	202	1604258	40.652	ng	100
80) Butylbenzylphthalate	13.51	149	750003	44.250	ng	92
81) Benzo(a)anthracene	14.09	228	1492100	46.241	ng	99
82) 3,3'-Dichlorobenzidine	14.05	252	8532	0.756	ng	92
83) Chrysene	14.13	228	1466091	46.888	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	970425	47.226	ng	99
85) Di-n-octyl phthalate	14.69	149	1760204	58.308	ng	98
86) Indeno(1,2,3-cd)pyrene	17.14	276	1462456	54.955	ng	99
88) Benzo(b)fluoranthene	15.16	252	1274685	50.905	ng	99
89) Benzo(k)fluoranthene	15.19	252	1225094	51.924	ng	99
90) Benzo(a)pyrene	15.54	252	1089869	49.496	ng	100
91) Dibenzo(a,h)anthracene	17.16	278	1253231	66.125	ng	98
92) Benzo(g,h,i)perylene	17.60	276	1019031	53.983	ng	100

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



#1

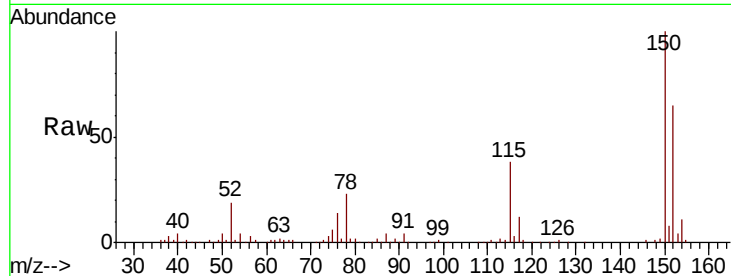
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.3	187.9
115	59.0	47.0	70.4

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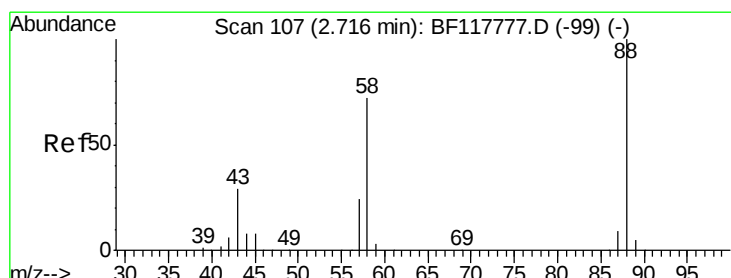
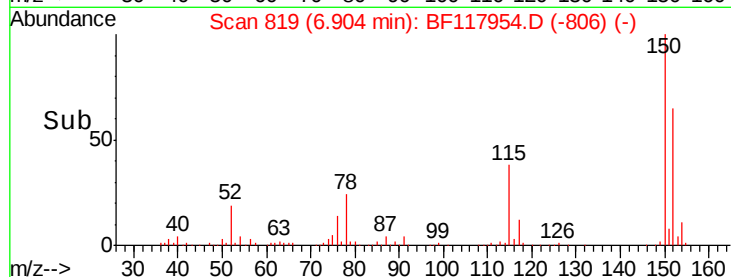
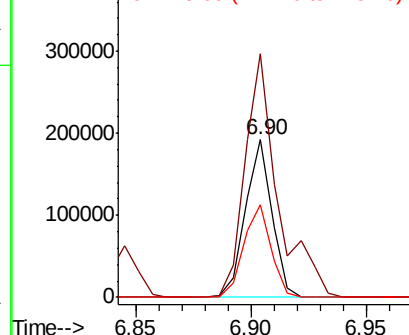


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

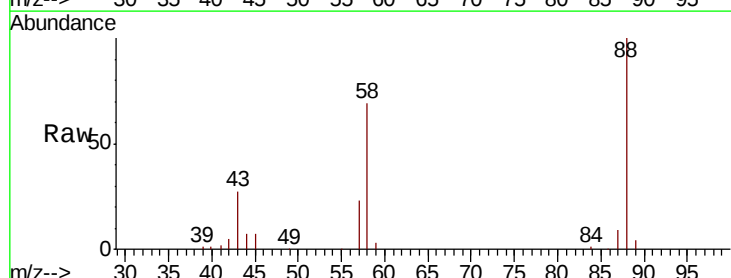
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.440 ng
RT: 2.70 min Scan# 104
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	58.2	87.2
43	28.2	23.3	34.9

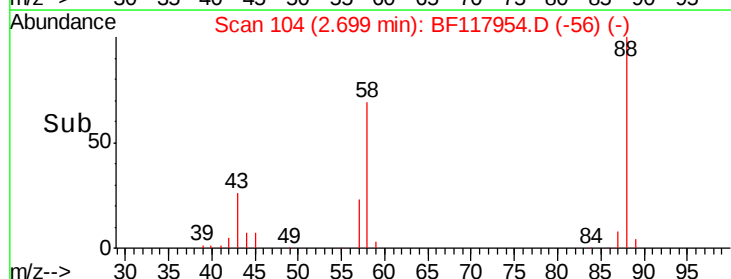
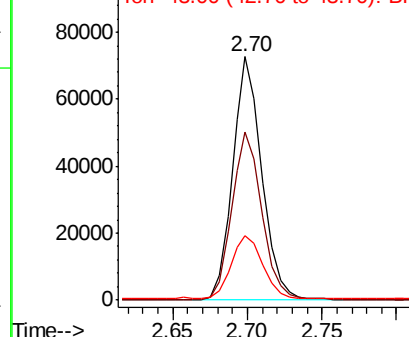


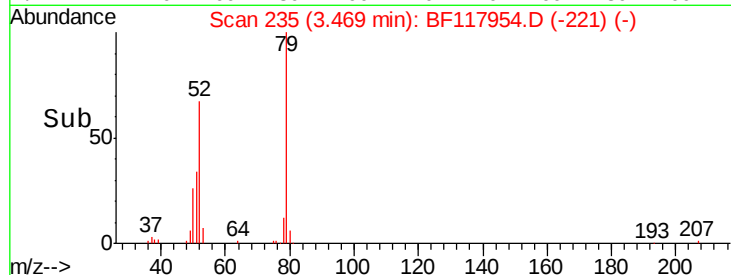
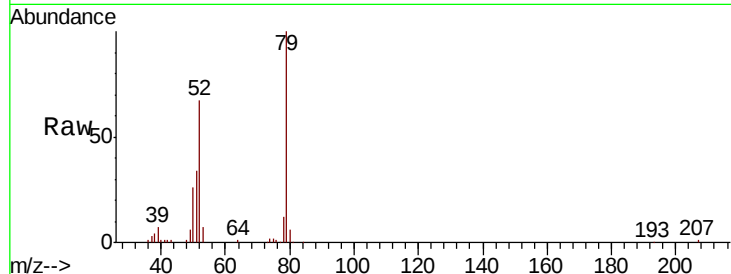
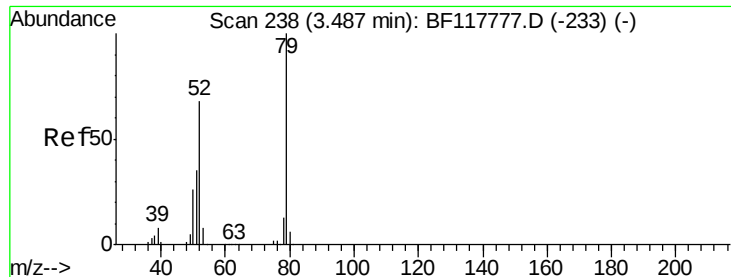
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





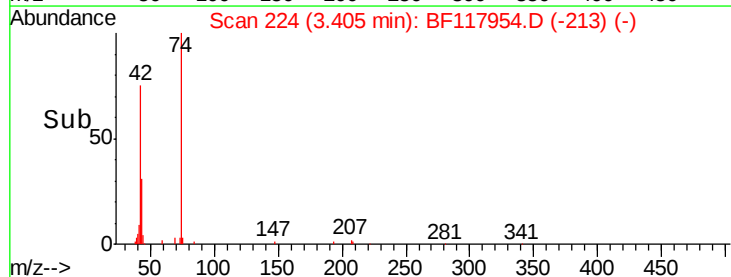
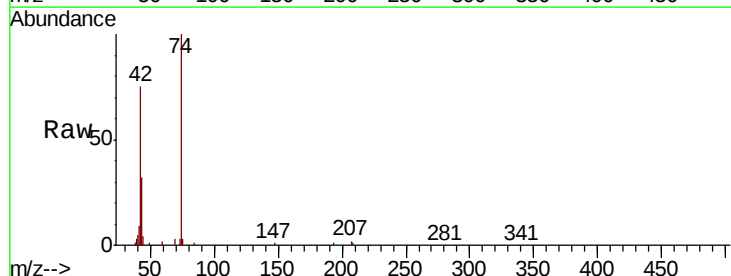
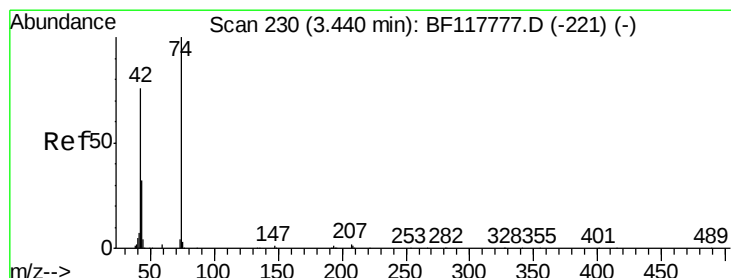
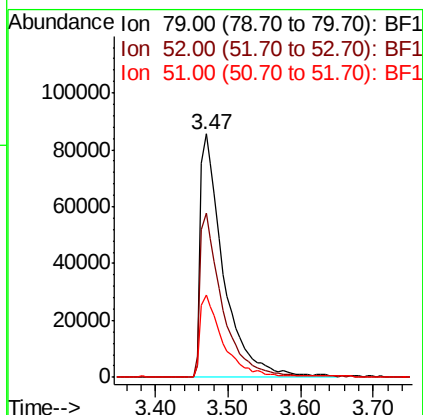
#3
Pvridine
Concen: 17.711 ng
RT: 3.47 min Scan# 235
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.4	54.8	82.2
51	34.0	28.2	42.4

Instrument :
BNA_F
ClientSampleId :
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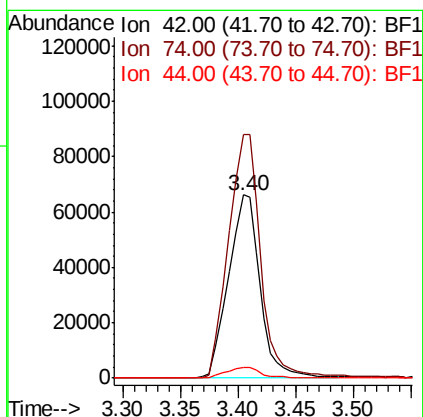
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#4
n-Nitrosodimethylamine
Concen: 27.023 ng
RT: 3.40 min Scan# 224
Delta R.T. -0.04 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.9	105.1	157.7
44	5.8	4.6	7.0





#5

2-Fluorophenol

Concen: 101.014 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

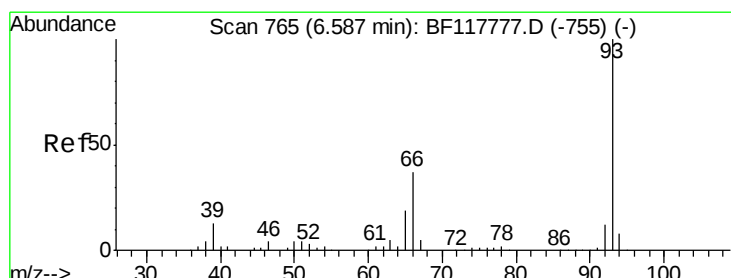
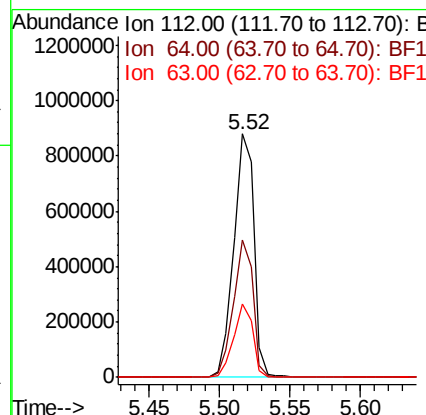
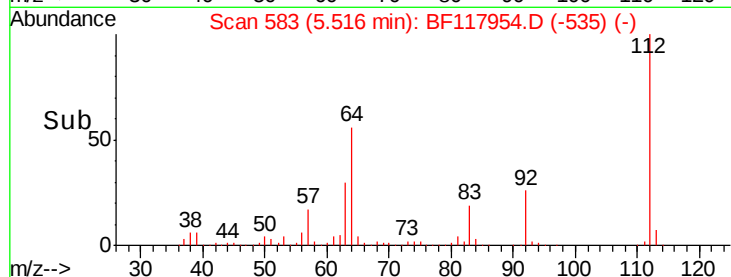
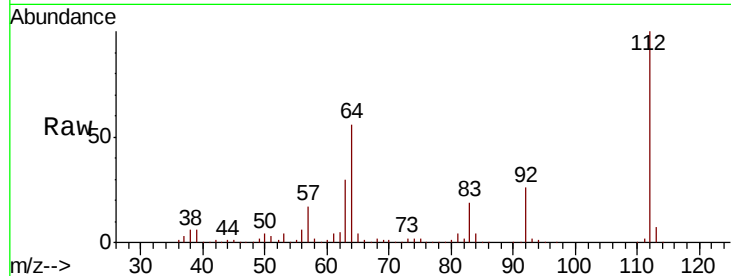
ClientSampleId :

PB125043BS

Tot Ion:	112	Resp:	876924
Ion Ratio	Lower	Upper	
112	100		
64	56.4	45.6	68.4
63	30.1	24.1	36.1

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#6

Aniline

Concen: 6.167 ng

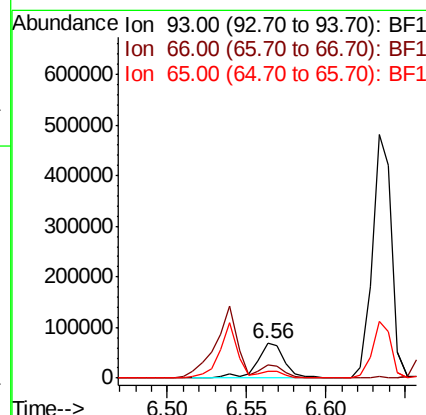
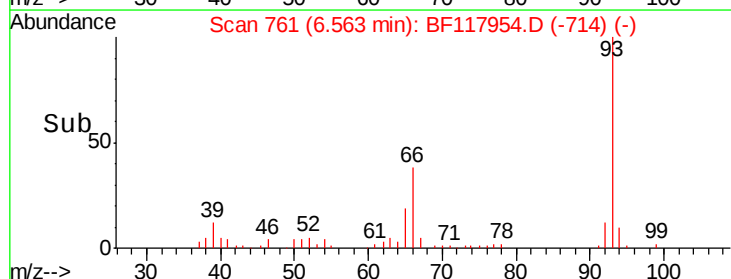
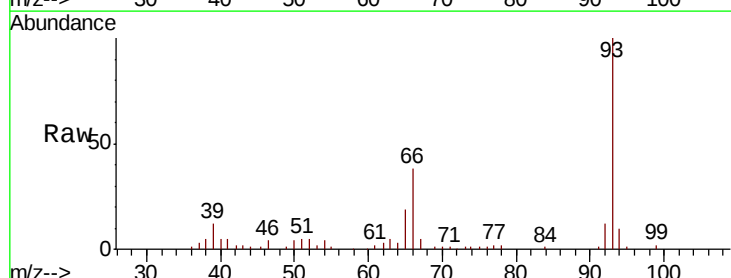
RT: 6.56 min Scan# 761

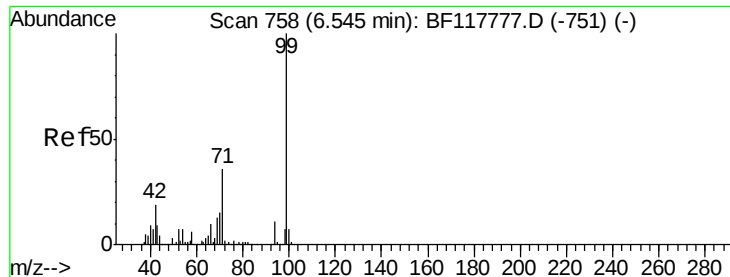
Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Tgt Ion:	93	Resp:	85333
Ion Ratio	Lower	Upper	
93	100		
66	38.3	30.6	45.8
65	19.3	15.6	23.4





#7

Phenol-d6

Concen: 72.729 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

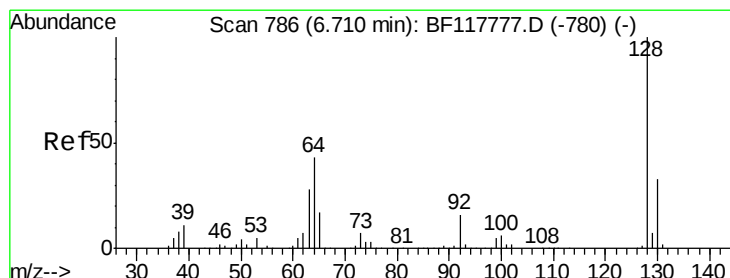
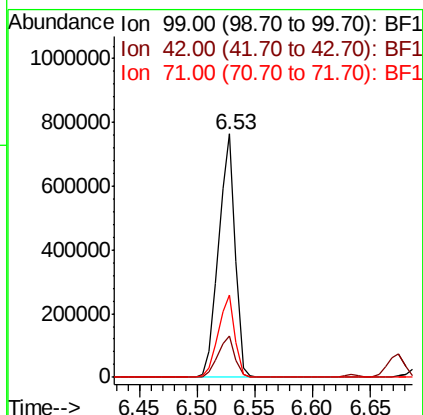
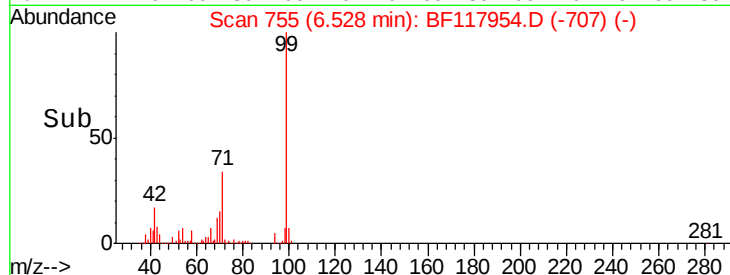
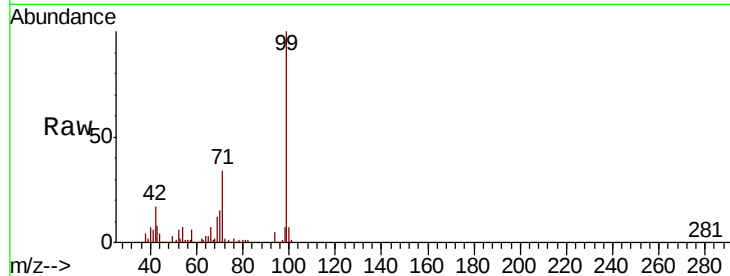
ClientSampleId :

PB125043BS

Tot Ion:	99	Resp:	761543
Ion Ratio	Lower	Upper	
99	100		
42	16.8	14.9	22.3
71	33.8	28.6	43.0

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#8

2-Chlorophenol

Concen: 48.594 ng

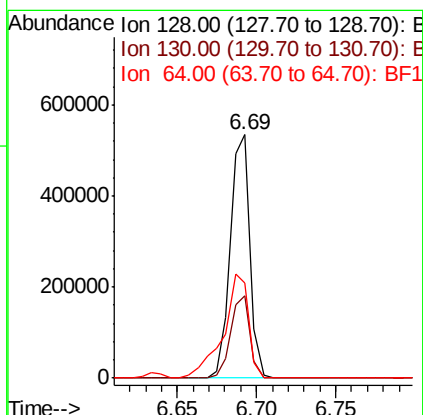
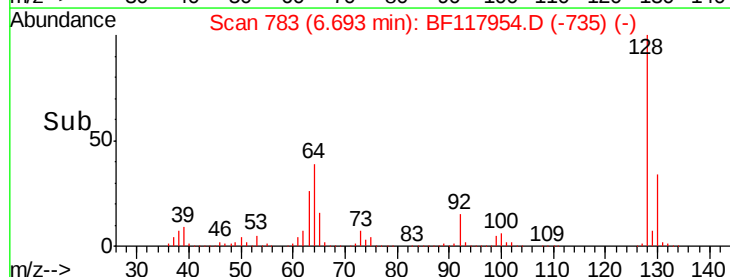
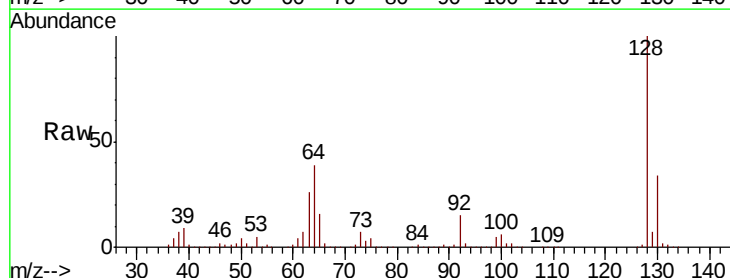
RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Tgt Ion:	128	Resp:	457752
Ion Ratio	Lower	Upper	
128	100		
130	33.9	13.2	53.2
64	39.1	23.7	63.7





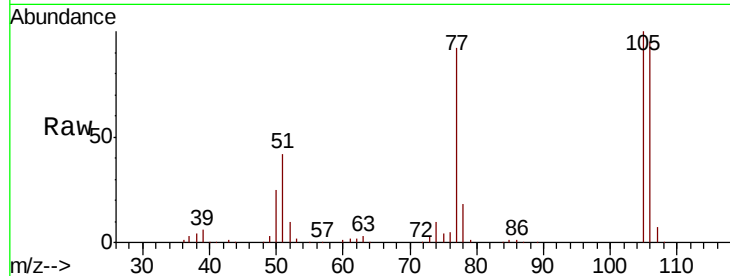
#9
Benzaldehyde
Concen: 13.347 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

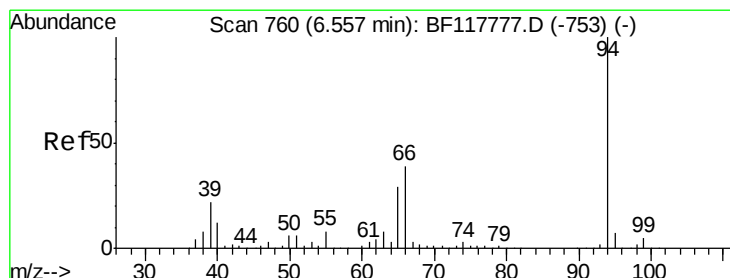
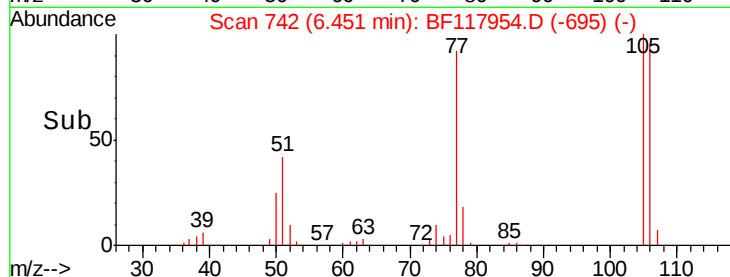
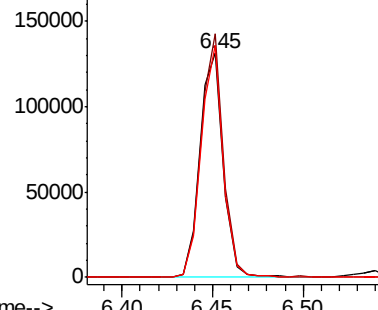
Tot Ion	Ratio	Lower	Upper
77	100		
105	108.6	80.2	120.2
106	103.3	78.4	118.4

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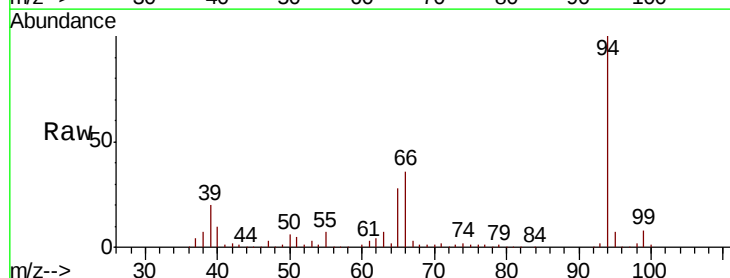


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

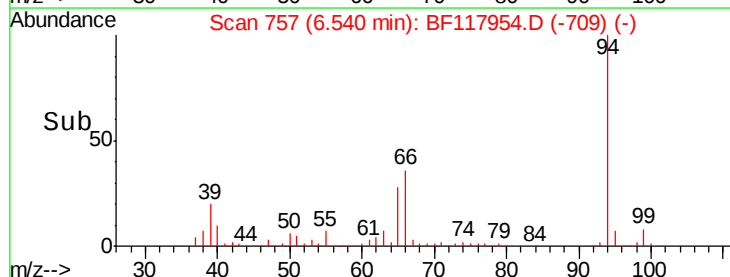
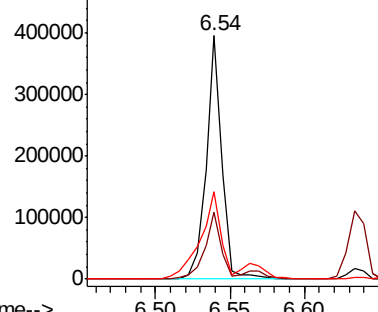


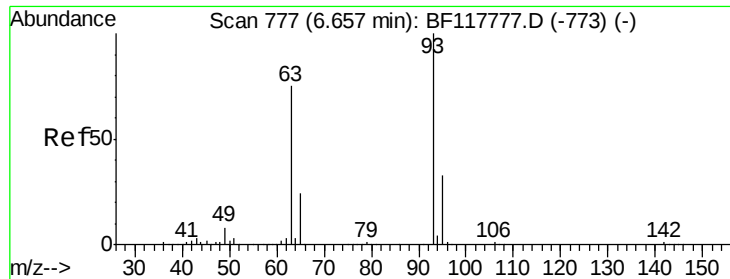
#10
Phenol
Concen: 26.938 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.02 min
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Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.5	8.9	48.9
66	36.1	18.7	58.7



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





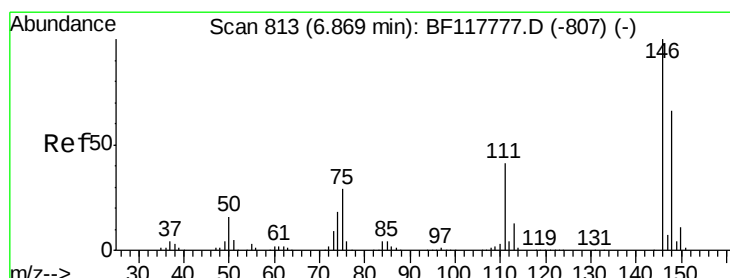
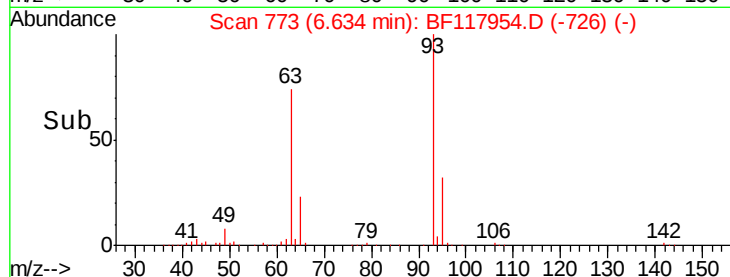
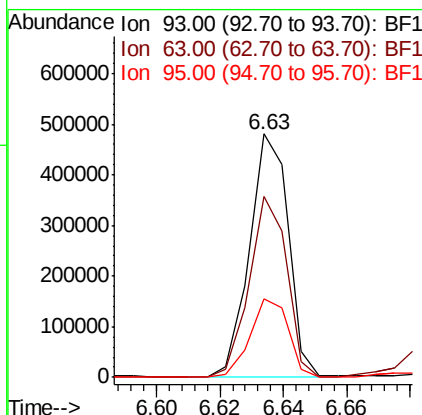
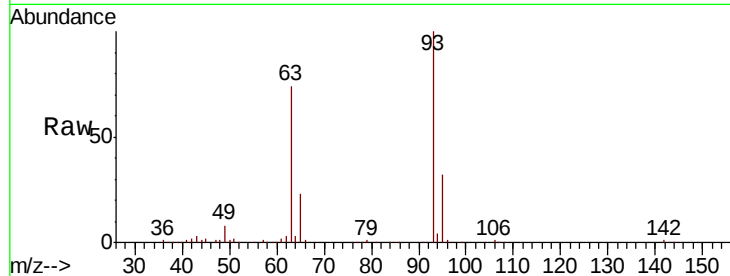
#11
bis(2-Chloroethyl)ether
Concen: 46.862 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	54.8	94.8
95	32.2	12.7	52.7

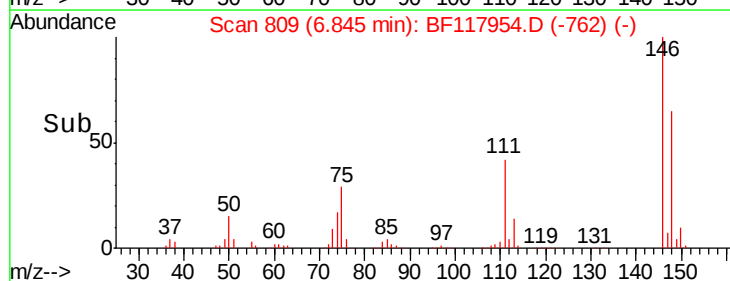
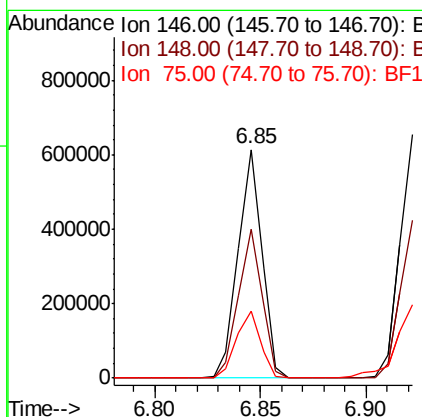
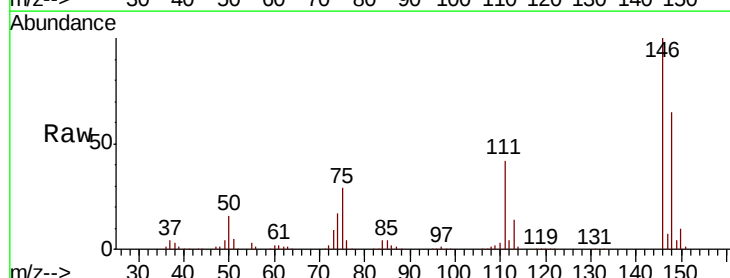
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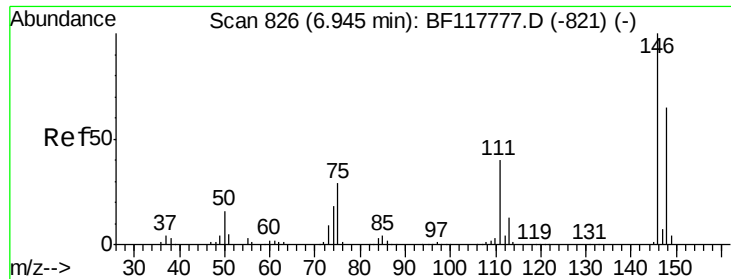
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.230 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.8	79.2
75	29.5	23.4	35.0





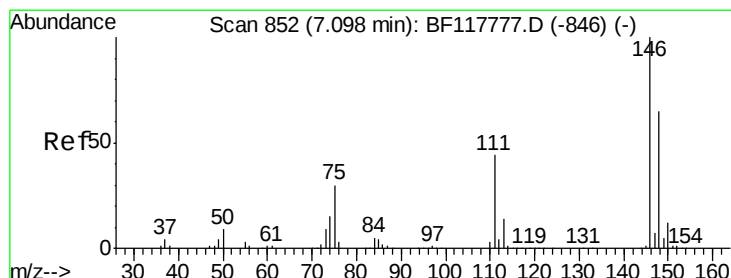
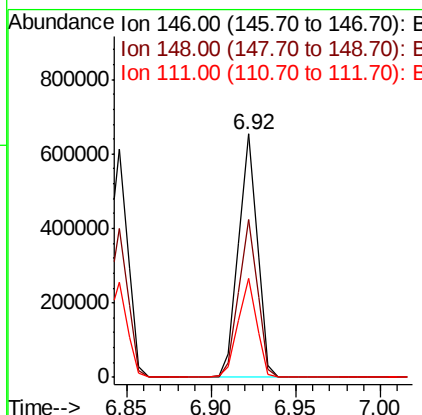
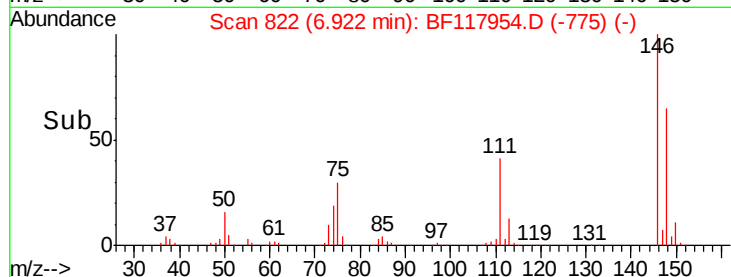
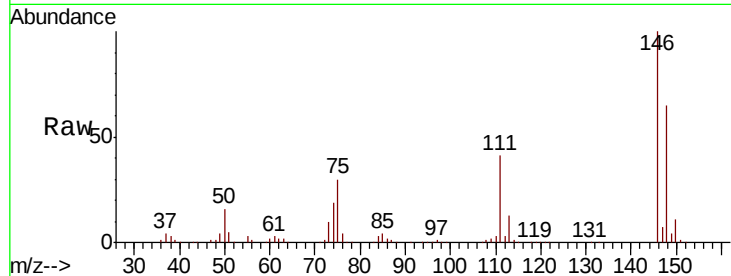
#13
1,4-Dichlorobenzene
Concen: 45.233 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.3	78.5
111	40.7	32.2	48.4

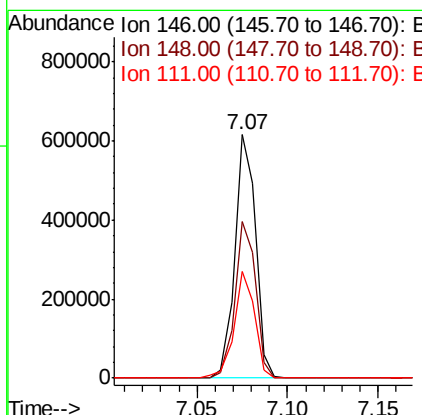
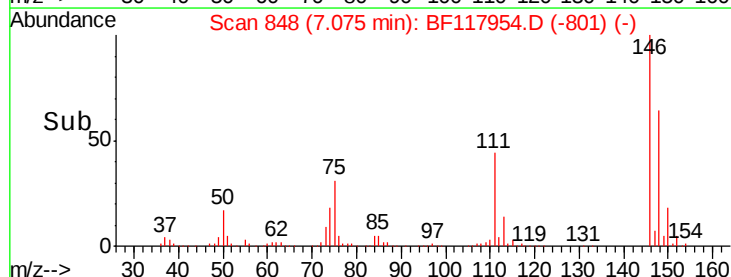
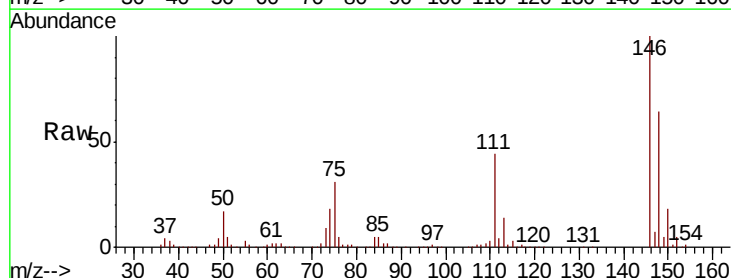
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#14
1,2-Dichlorobenzene
Concen: 45.658 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
111	43.6	35.0	52.6





#15

Benzyl Alcohol

Concen: 39.805 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

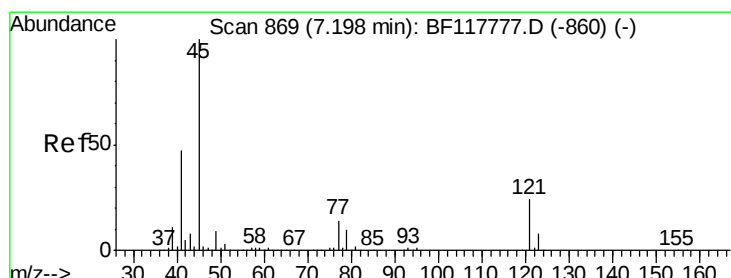
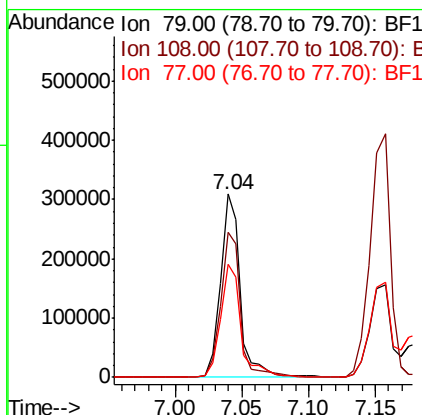
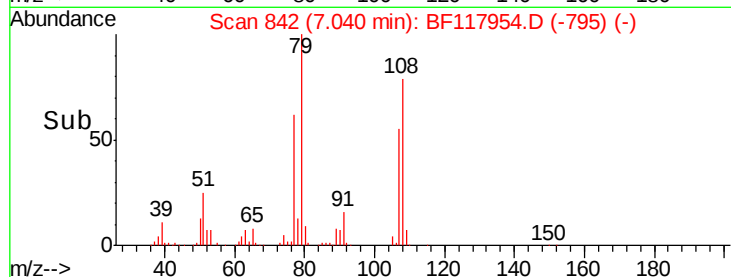
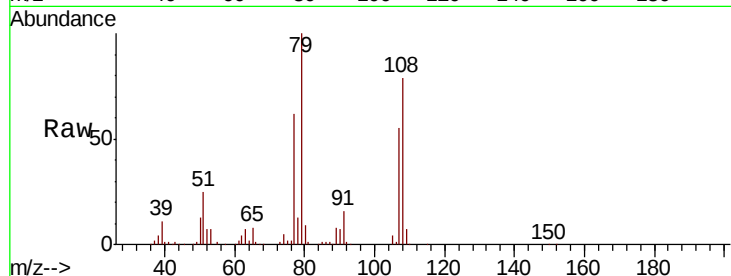
ClientSampleId :

PB125043BS

Tot Ion:	79	Resp:	321782
Ion Ratio	Lower	Upper	
79	100		
108	79.0	64.1	96.1
77	61.9	51.3	76.9

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.224 ng

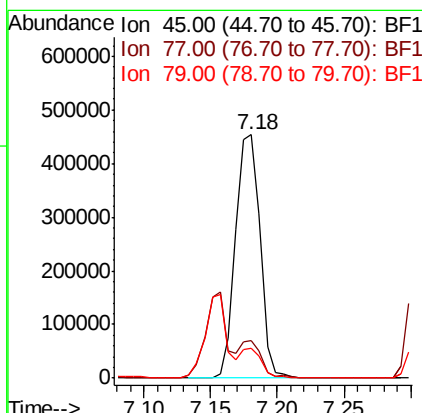
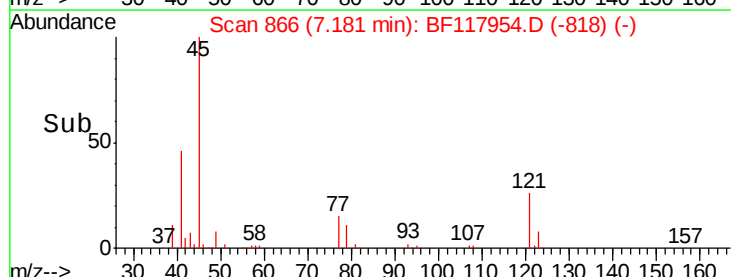
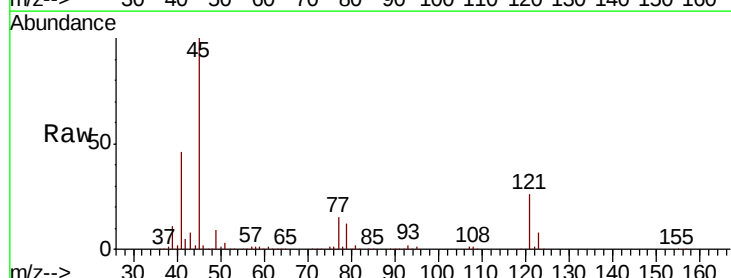
RT: 7.18 min Scan# 866

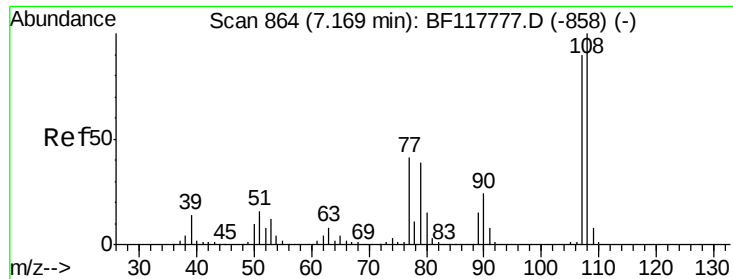
Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Tgt Ion:	45	Resp:	581478
Ion Ratio	Lower	Upper	
45	100		
77	15.5	0.0	35.0
79	12.2	0.0	31.1





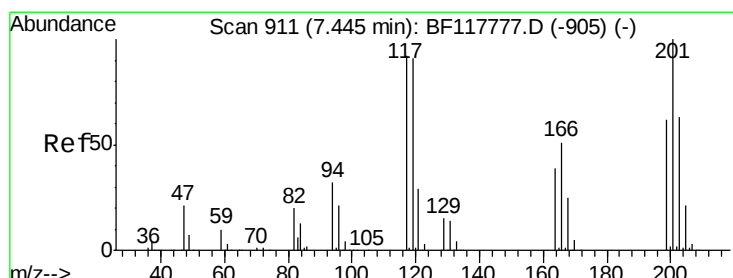
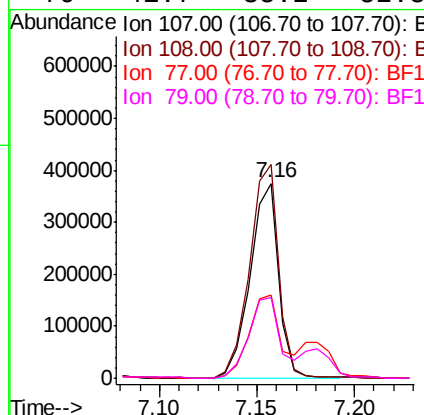
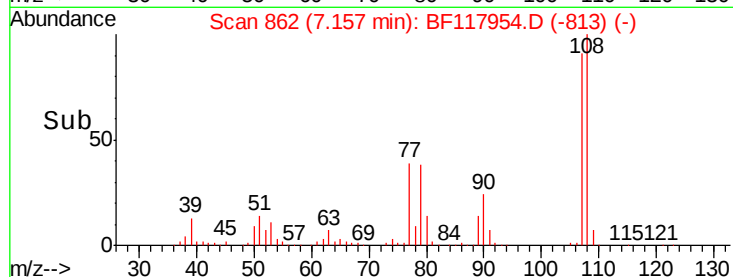
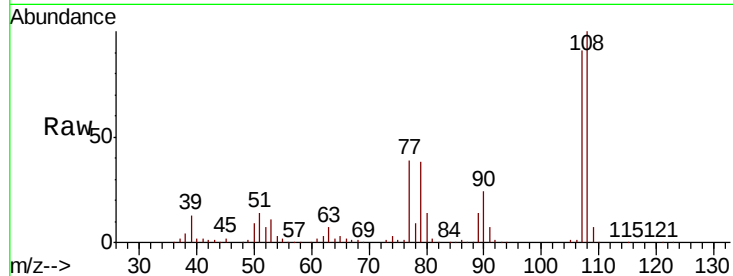
#17
2-Methylphenol
Concen: 47.226 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	376730		
108	108.00	109.8		89.1	133.7
77	77.00	42.9		36.6	54.8
79	79.00	41.7		35.2	52.8

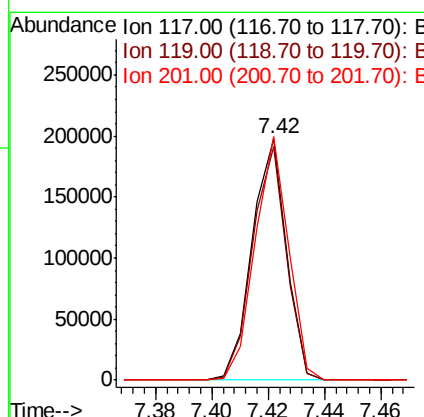
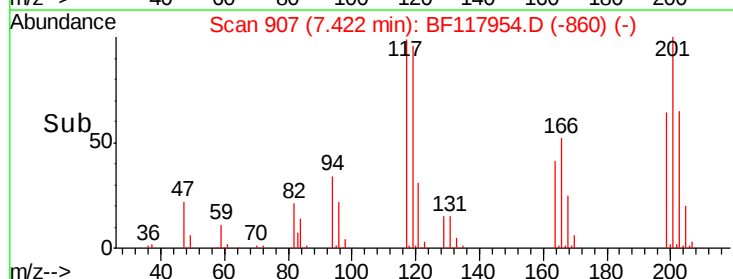
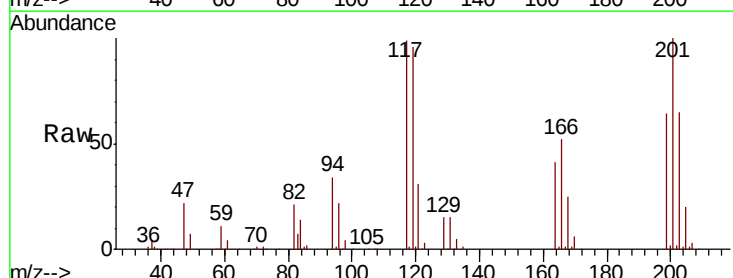
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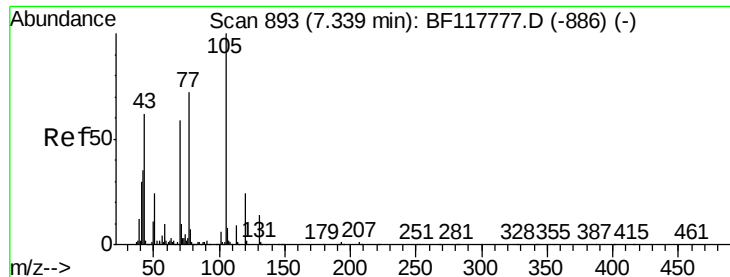
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#18
Hexachloroethane
Concen: 40.337 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	166106		
119	119.00	96.4		78.7	118.1
201	201.00	100.8		86.5	129.7





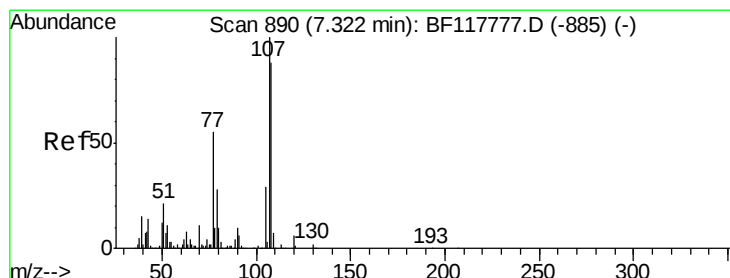
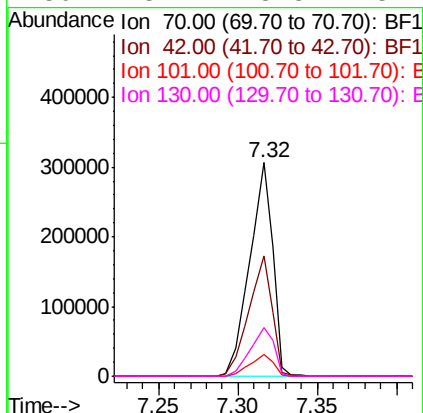
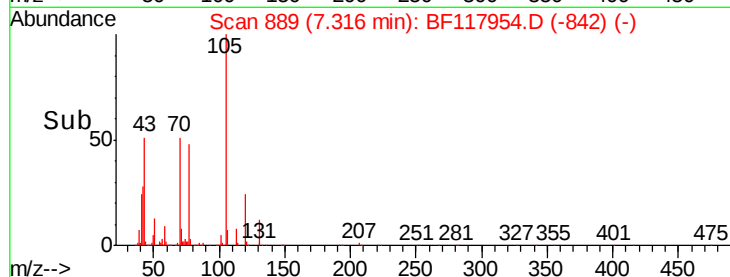
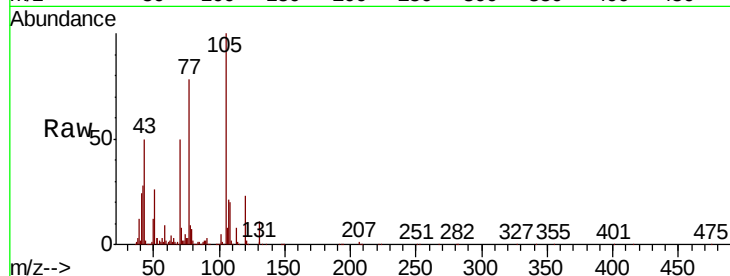
#19
n-Nitroso-di-n-propylamine
Concen: 48.104 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.5	47.4	71.2	
101	10.2	8.4	12.6	
130	23.1	18.8	28.2	

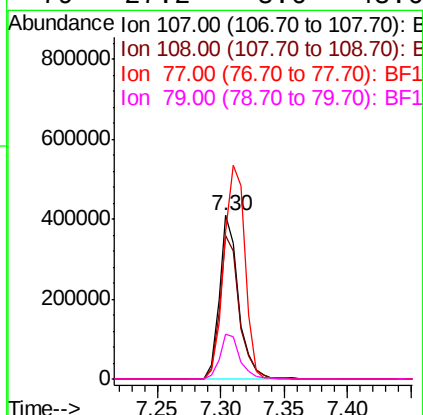
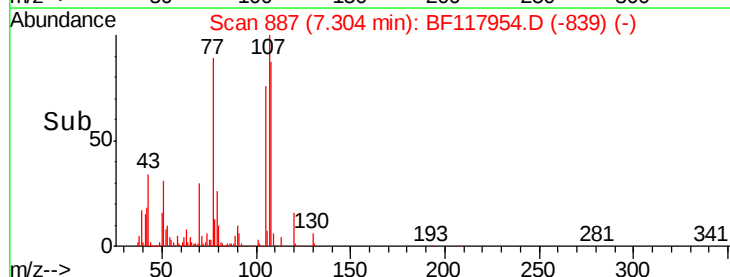
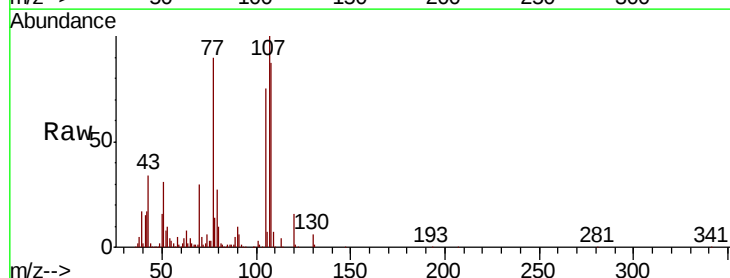
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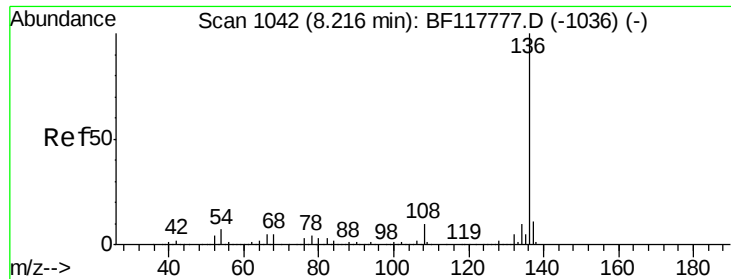
mohammad
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#20
3+4-Methylphenols
Concen: 43.443 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	68.4	108.4	
77	89.6	35.2	75.2#	
79	27.2	8.6	48.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

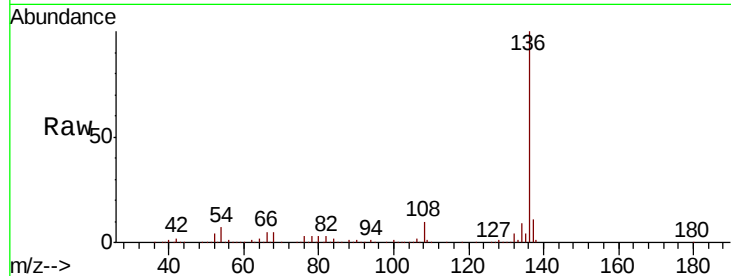
ClientSampleId :

PB125043BS

Tot Ion	136	Resp	600642
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	7.0	5.4	8.2
68	5.5	4.3	6.5

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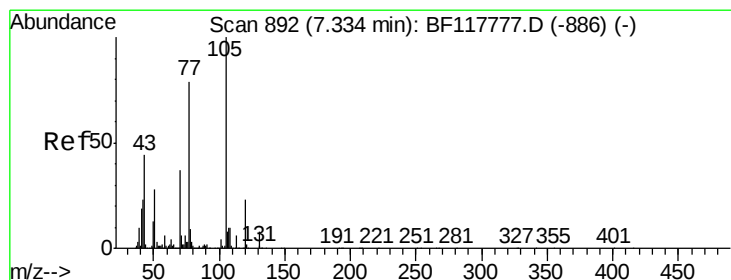
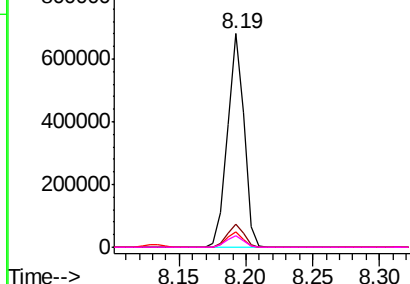
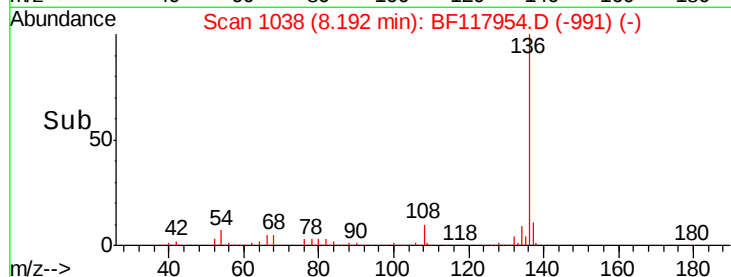
Abundance

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: 47.892 ng

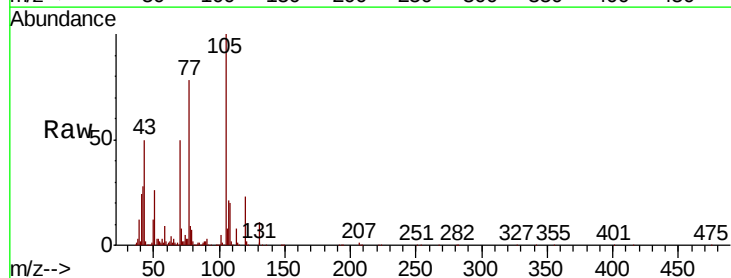
RT: 7.32 min Scan# 889

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Tgt Ion	105	Resp	646287
Ion Ratio	Lower	Upper	
105	100		
71	8.2	4.9	7.3#
51	25.6	22.7	34.1
120	23.4	18.5	27.7



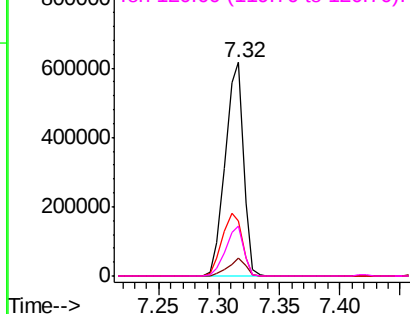
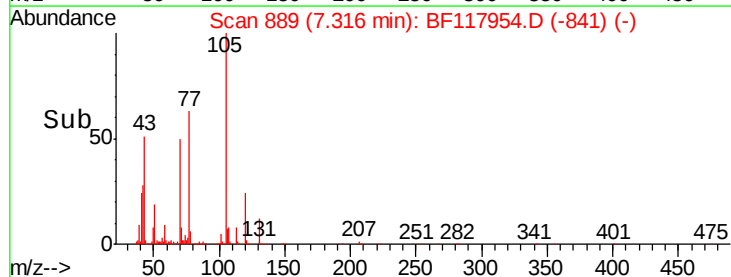
Abundance

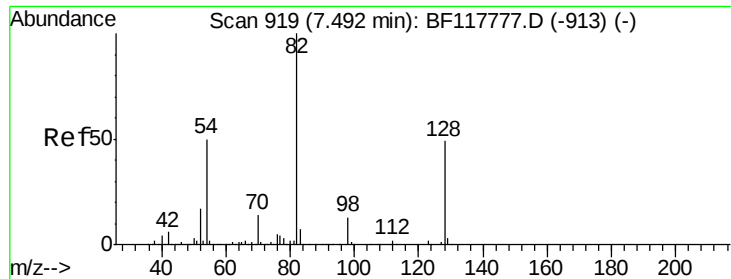
Ion 105.00 (104.70 to 105.70): E

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





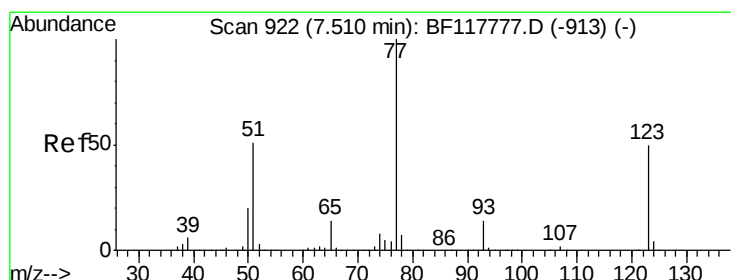
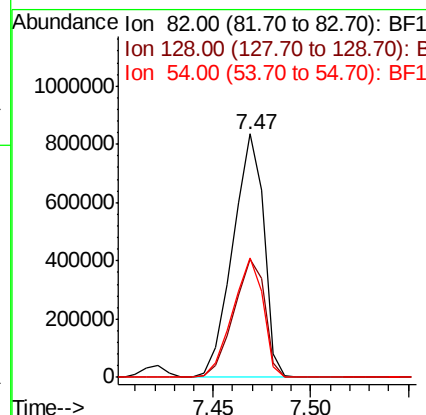
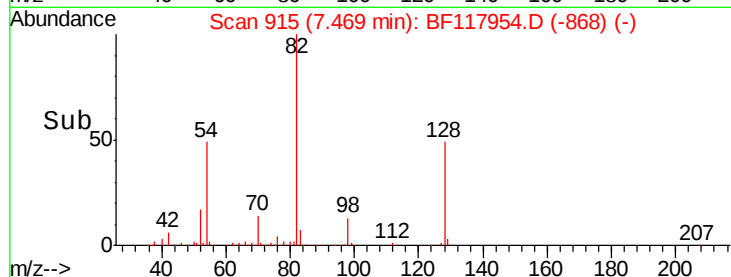
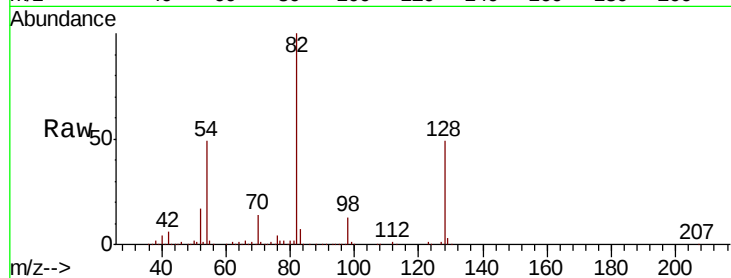
#23
Nitrobenzene-d5
Concen: 90.744 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.6	38.9	58.3	
54	48.9	39.8	59.6	

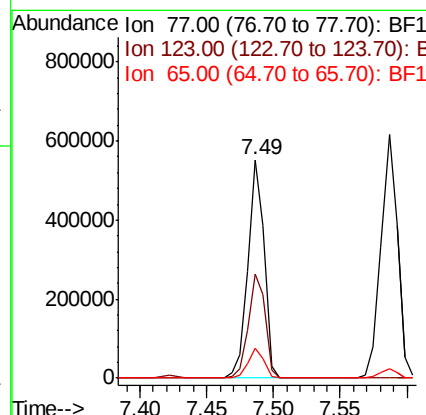
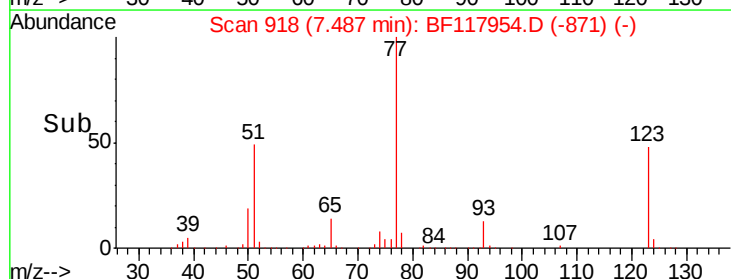
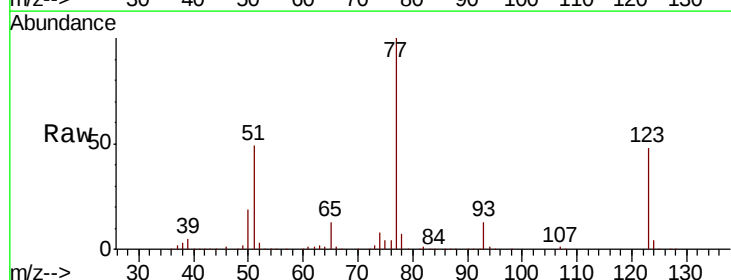
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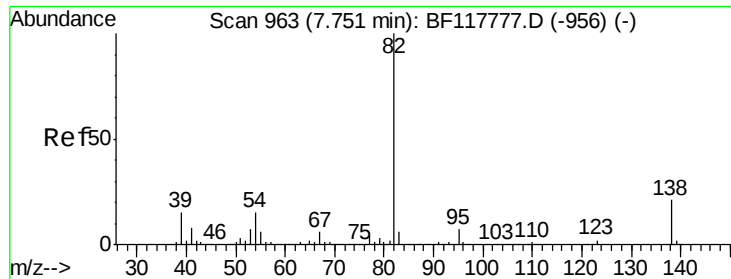
mohammad
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#24
Nitrobenzene
Concen: 44.733 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.7	40.3	60.5	
65	13.5	10.9	16.3	





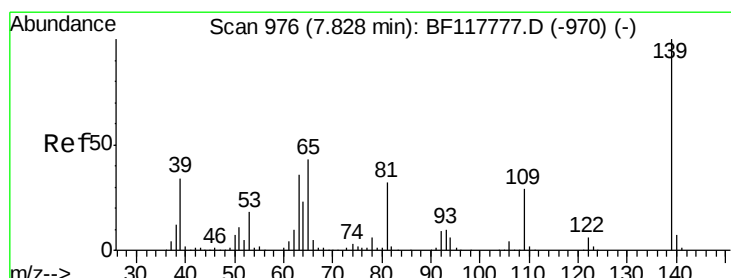
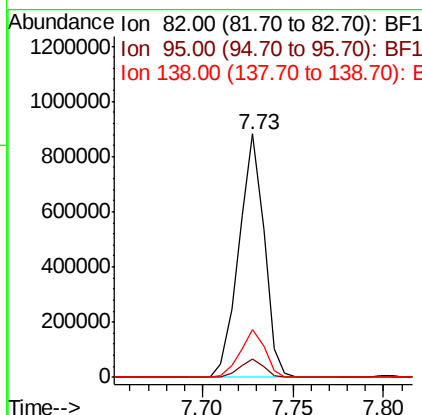
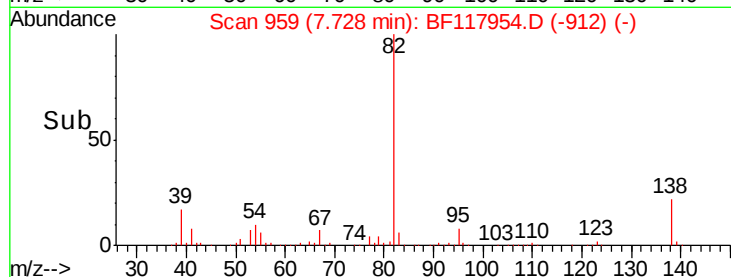
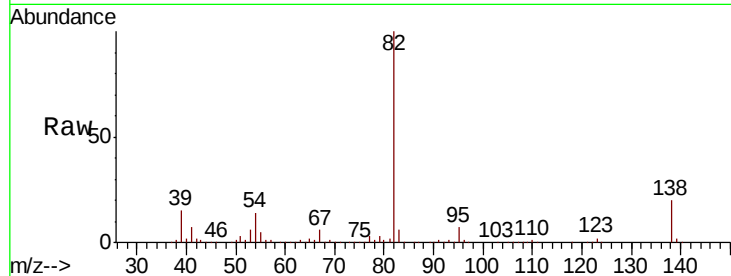
#25
Isophorone
Concen: 46.376 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	858851		
95	7.4		5.8	8.8
138	19.6		16.5	24.7

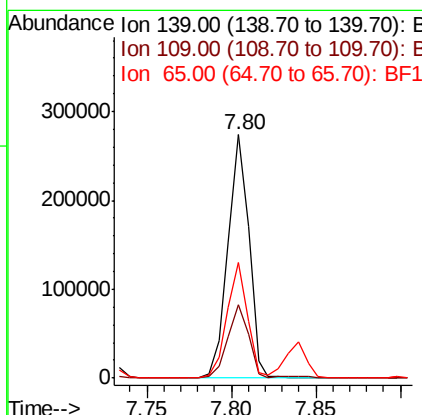
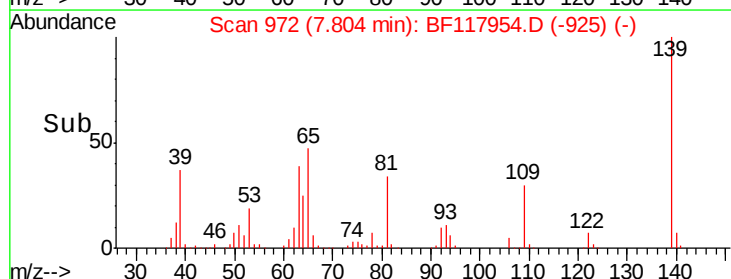
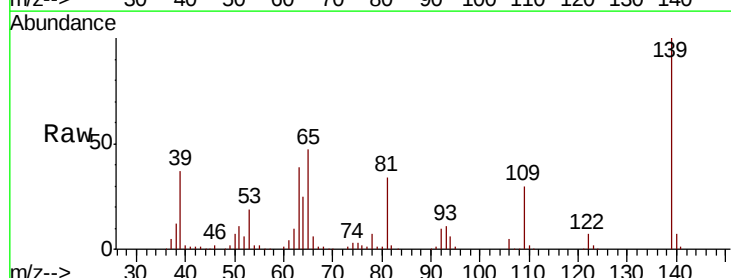
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#26
2-Nitrophenol
Concen: 46.662 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	236738		
109	30.3		23.0	34.4
65	47.5		34.7	52.1





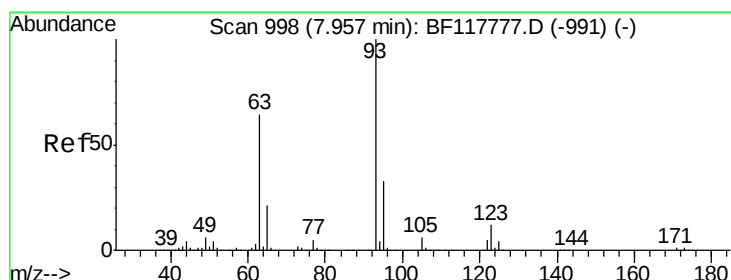
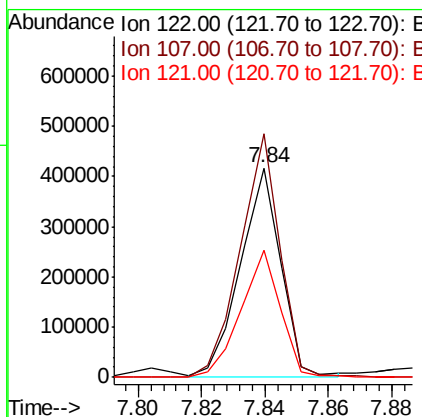
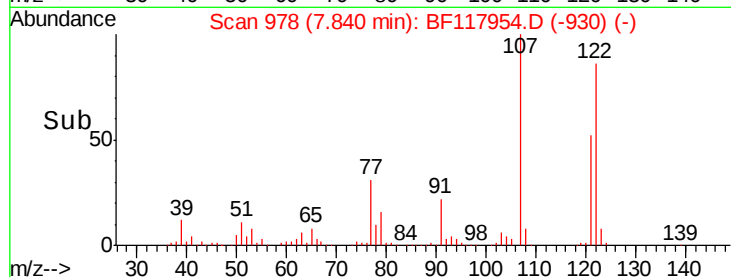
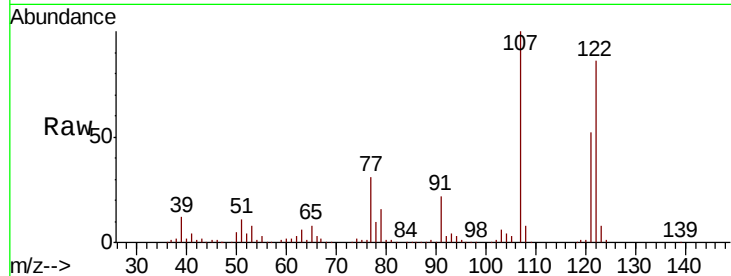
#27
 2,4-Dimethylphenol
 Concen: 46.797 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125043BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.3	90.0	135.0
121	60.5	46.7	70.1

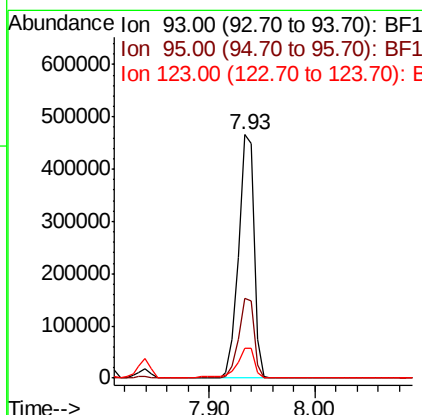
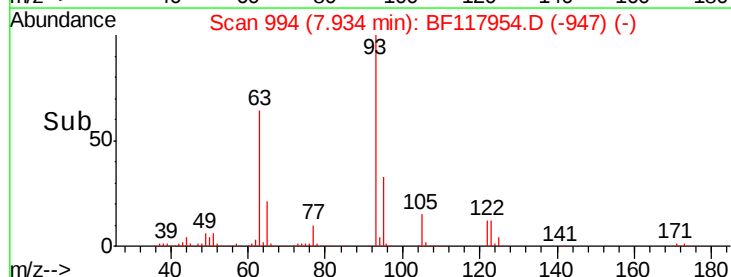
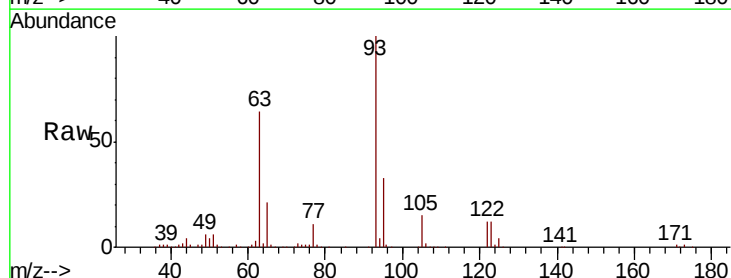
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.572 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.6	40.0
123	12.4	10.3	15.5





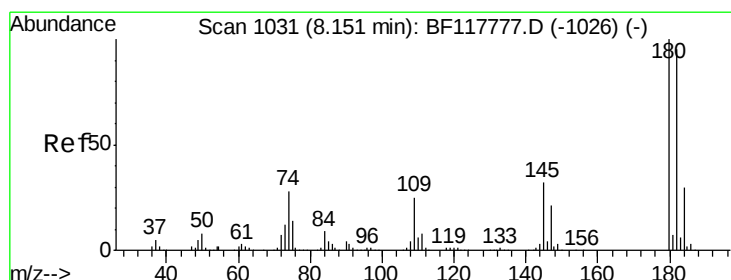
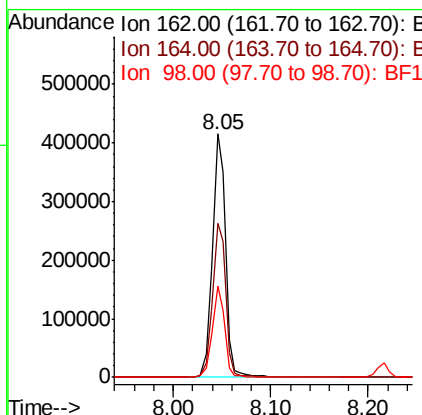
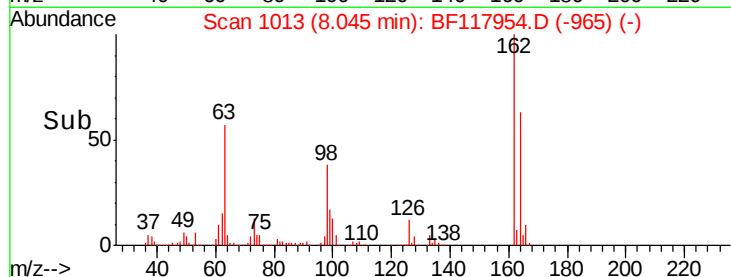
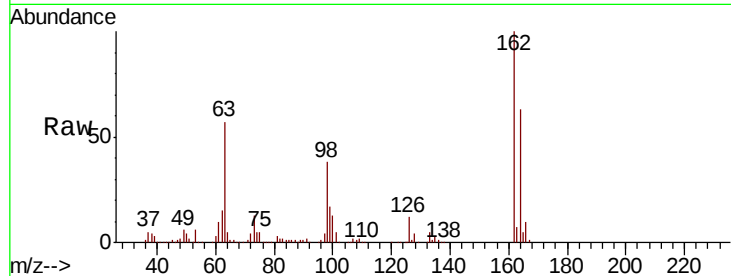
#29
2,4-Dichlorophenol
Concen: 45.106 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampled :
PB125043BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	385718		
164	63.2	45.1	85.1	
98	37.5	17.2	57.2	

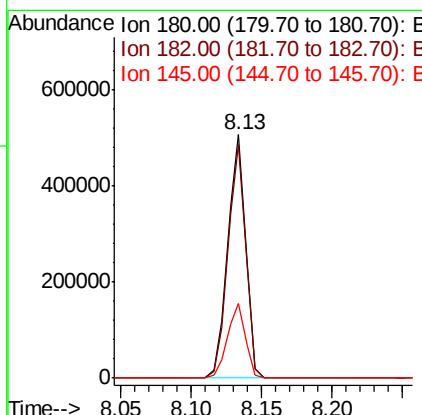
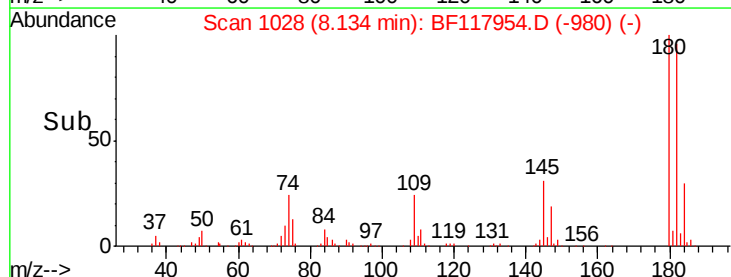
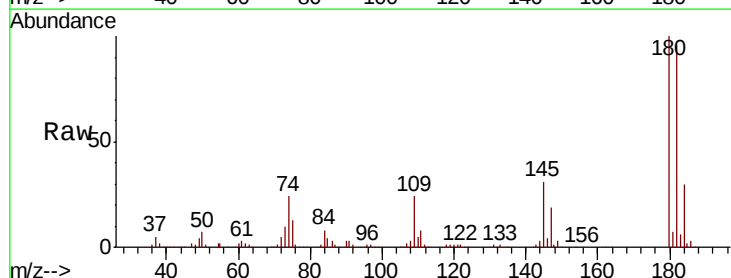
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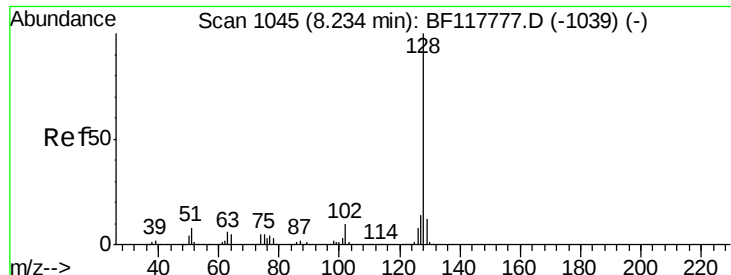
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.694 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	443325		
182	95.9	75.8	113.6	
145	30.9	25.5	38.3	





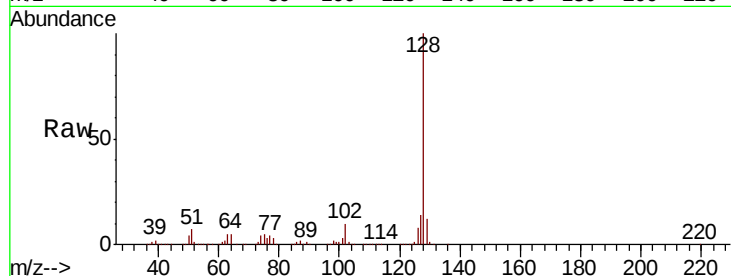
#31
Naphthalene
Concen: 47.651 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	14.1	11.3	16.9

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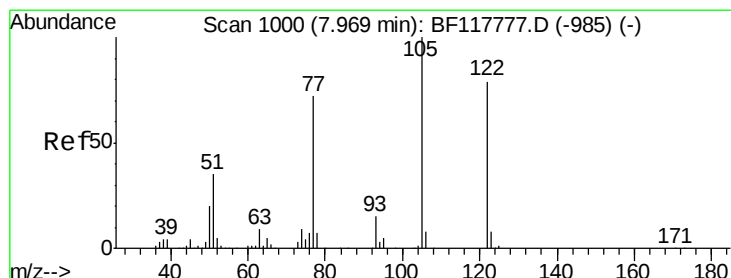
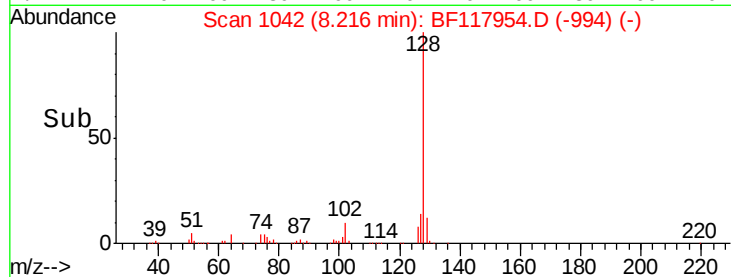
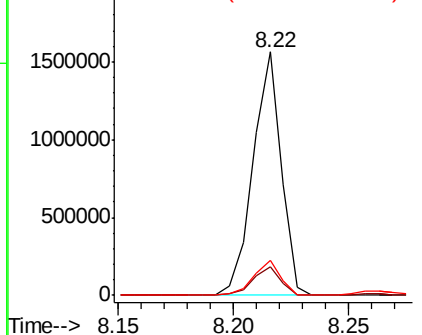


Abundance

Ion 128.00 (127.70 to 128.70): E

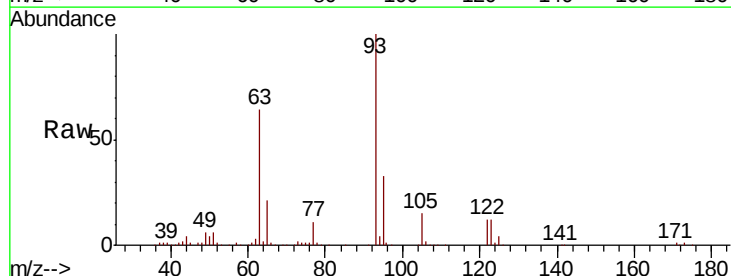
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 23.178 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.04 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	102.7	142.7
77	88.0	70.5	110.5

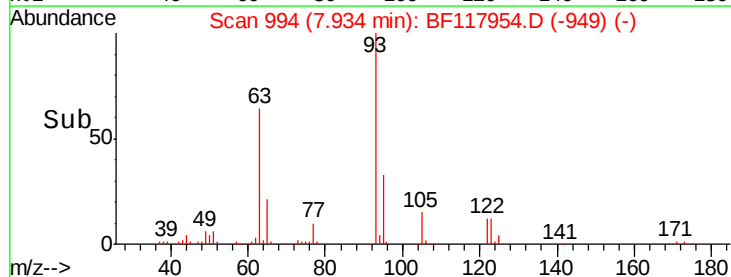
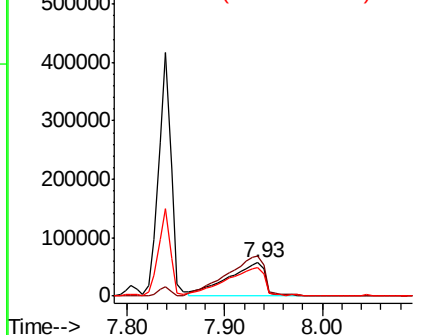


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





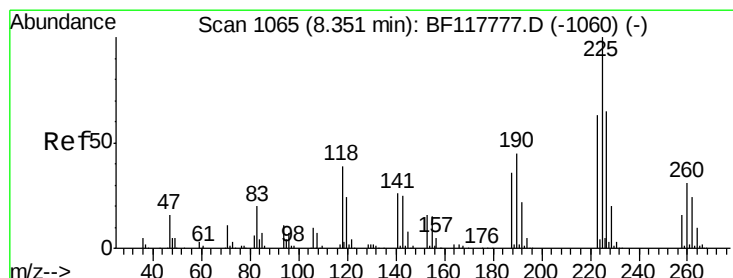
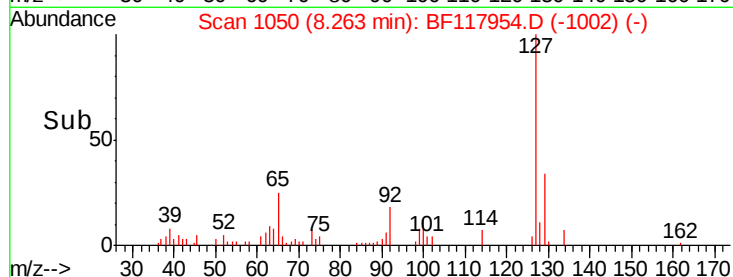
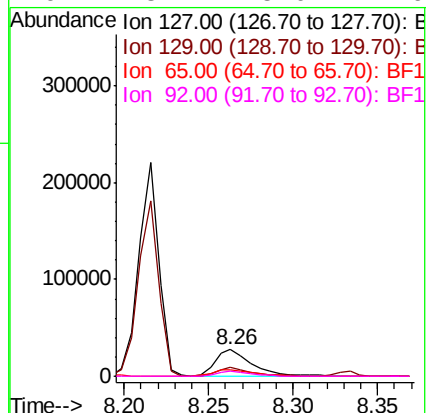
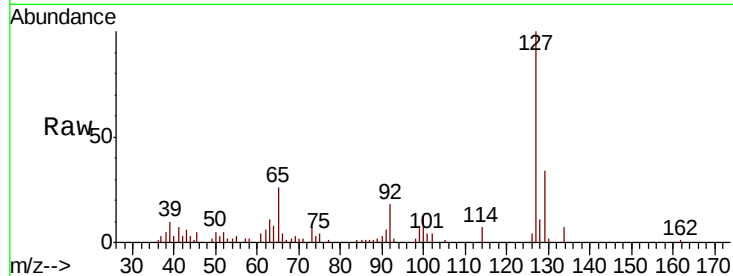
#33
4-Chloroaniline
Concen: 3.211 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		40247		
129	33.9	26.5	39.7		
65	26.2	22.9	34.3		
92	18.4	15.0	22.6		

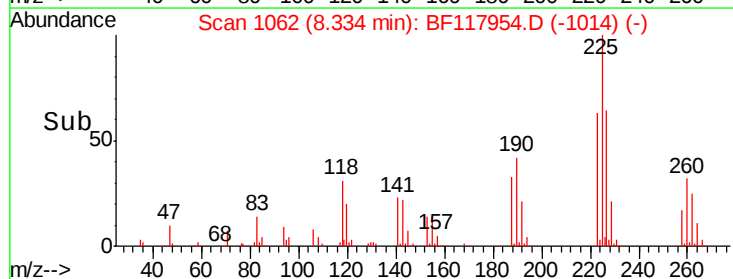
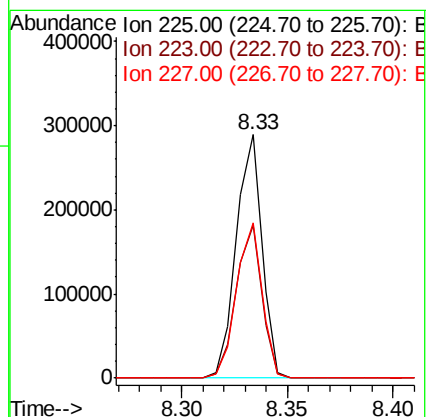
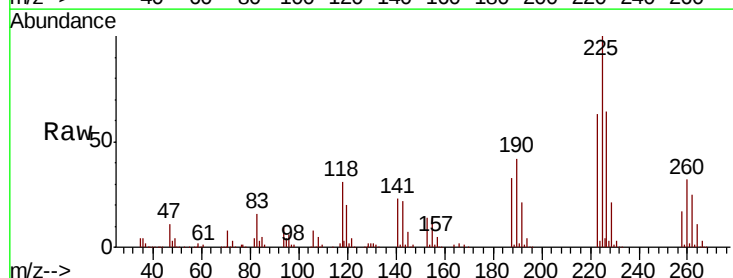
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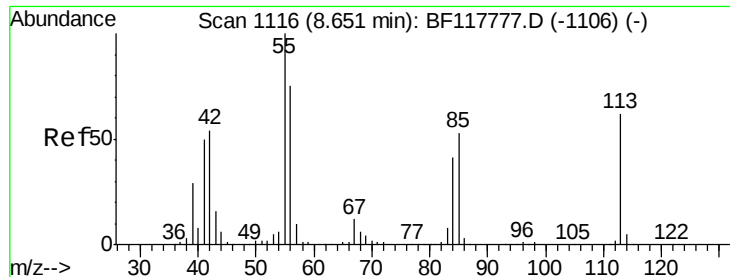
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#34
Hexachlorobutadiene
Concen: 41.723 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		241970		
223	62.7	50.0	75.0		
227	63.8	51.8	77.6		





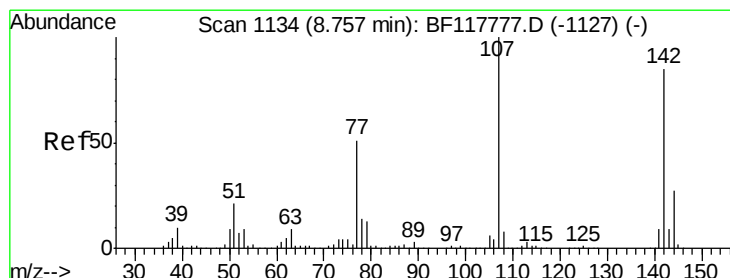
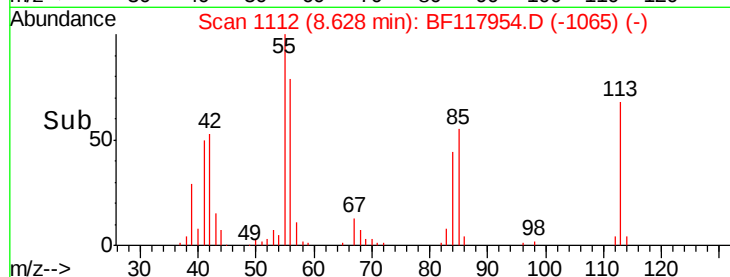
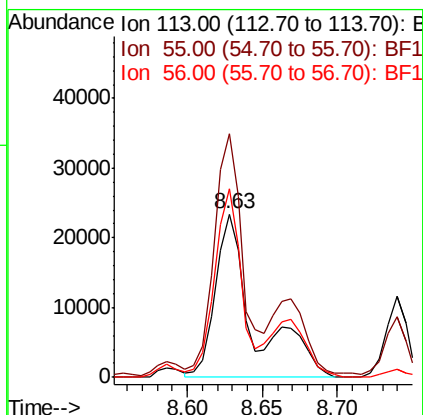
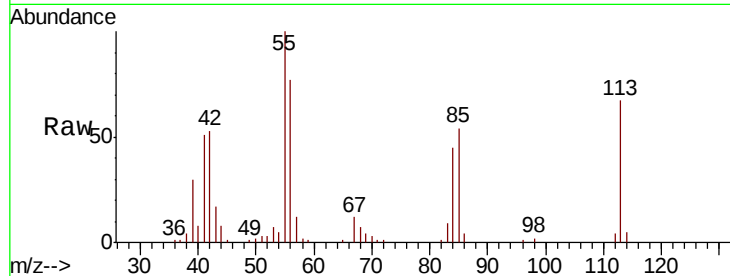
#35
Caprolactam
Concen: 15.472 ng/ml
RT: 8.63 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	149.0	141.1	181.1
56	115.3	100.5	140.5

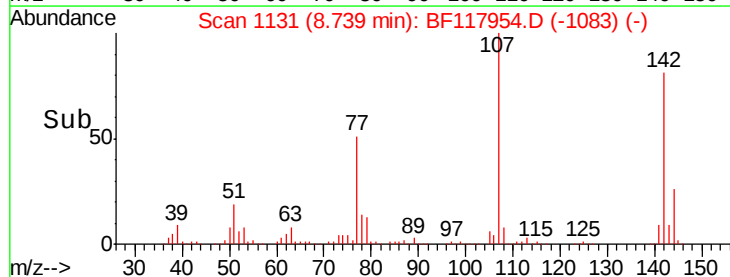
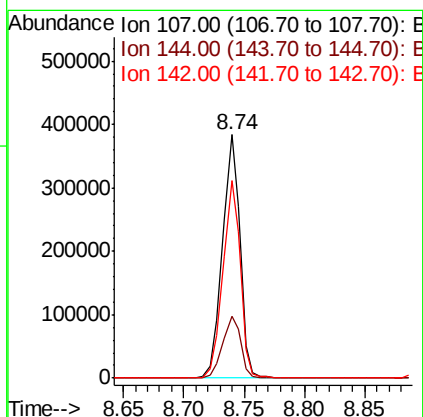
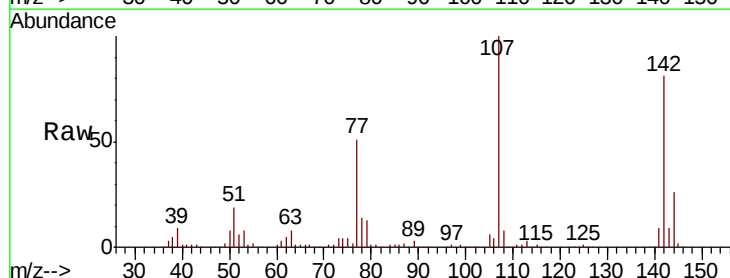
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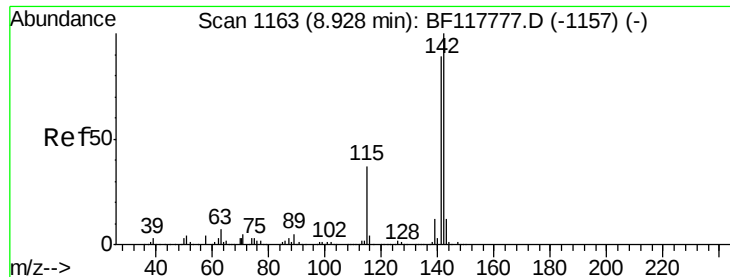
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#36
4-Chloro-3-methylphenol
Concen: 44.289 ng/ml
RT: 8.74 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	21.9	32.9
142	81.1	67.7	101.5





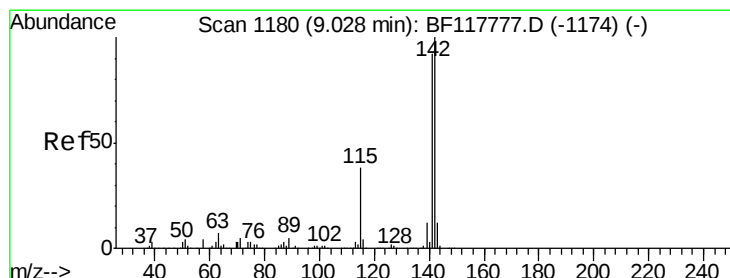
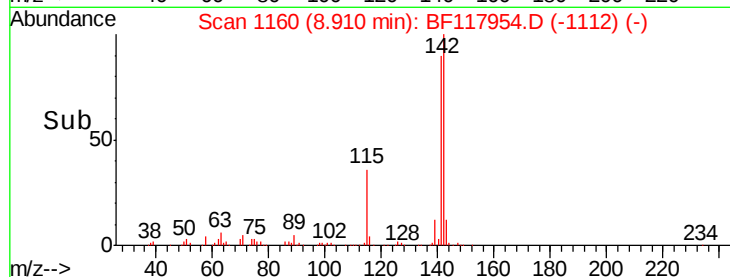
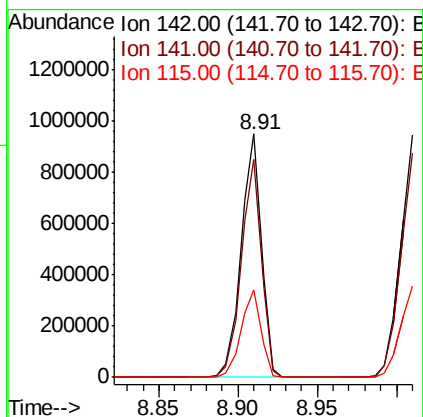
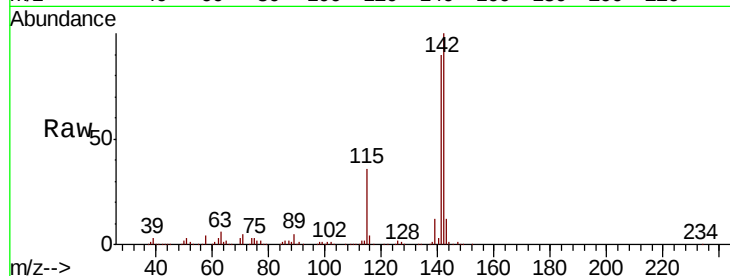
#37
2-Methylnaphthalene
Concen: 44.325 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.1	106.7
115	35.9	29.2	43.8

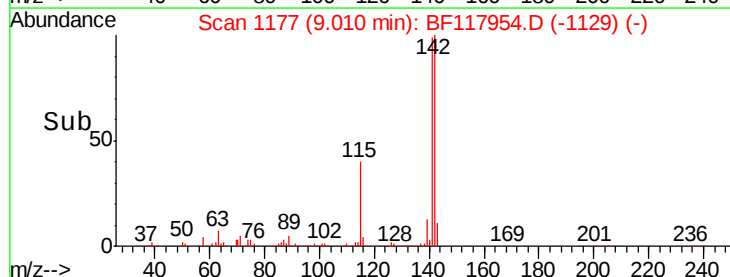
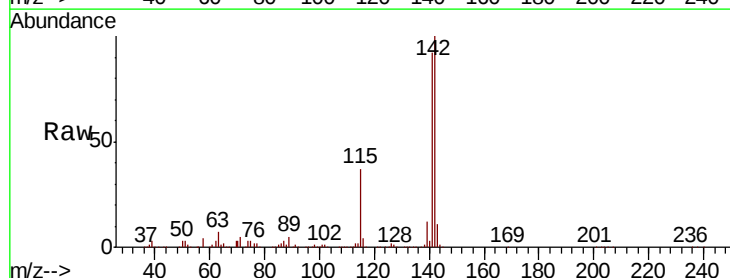
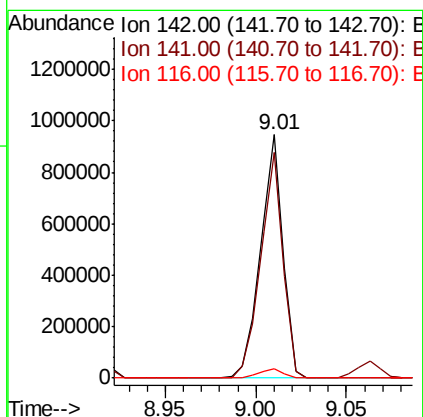
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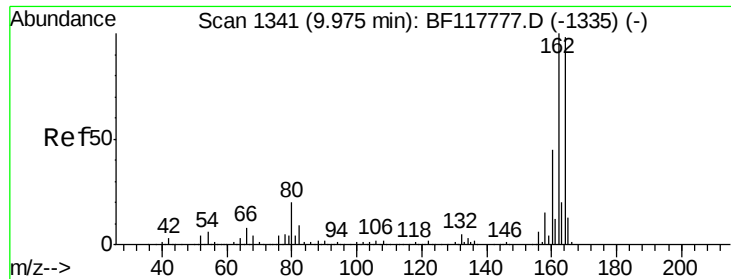
mohammad
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#38
1-Methylnaphthalene
Concen: 45.572 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.5	110.3
116	3.9	3.2	4.8





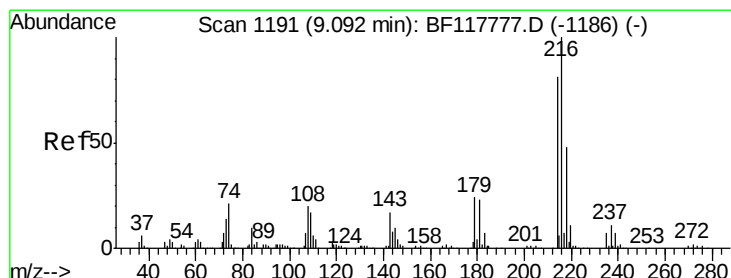
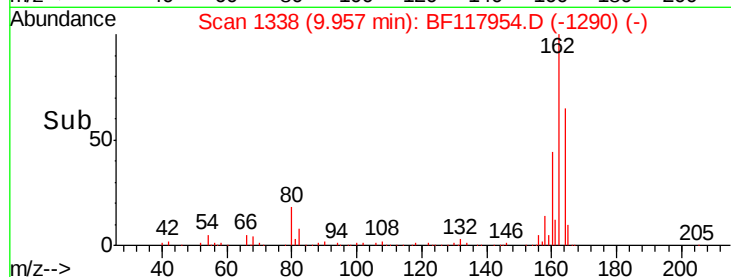
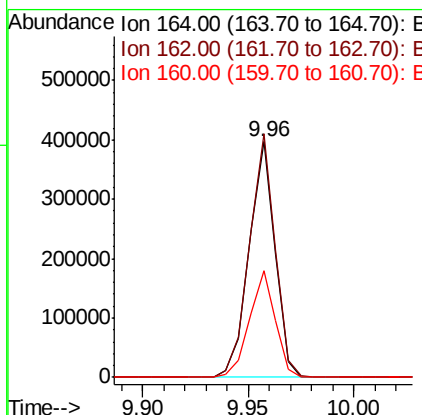
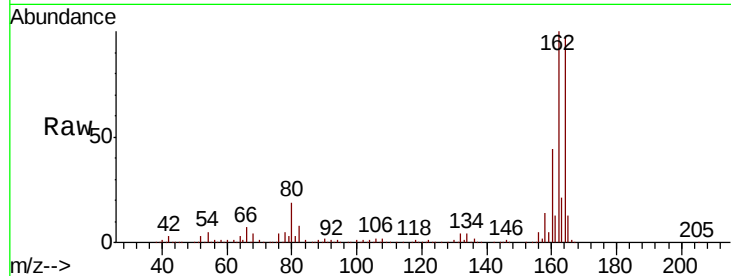
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.5	81.3	121.9	
160	45.2	36.6	55.0	

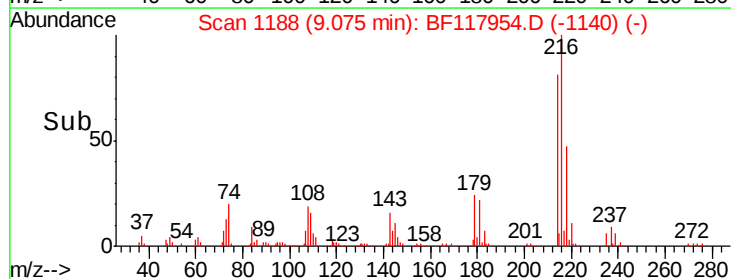
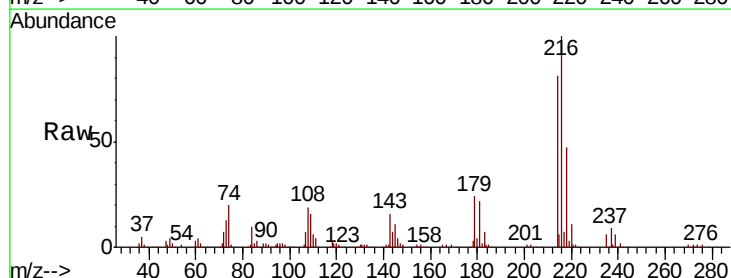
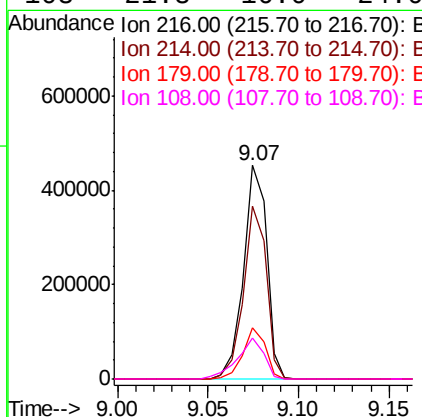
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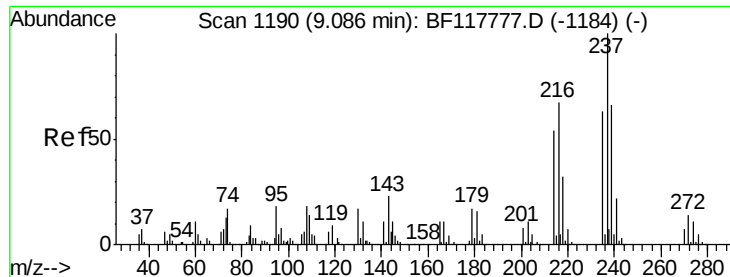
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.103 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	63.4	95.0	
179	22.7	18.2	27.4	
108	21.8	16.0	24.0	





#41

Hexachlorocyclopentadiene

Concen: 86.623 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

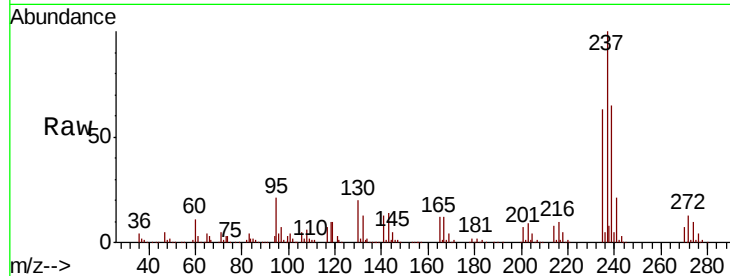
ClientSampleId :

PB125043BS

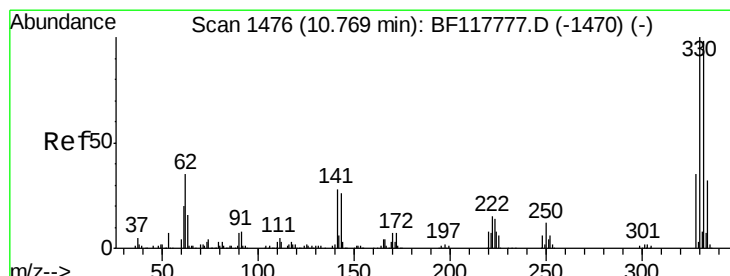
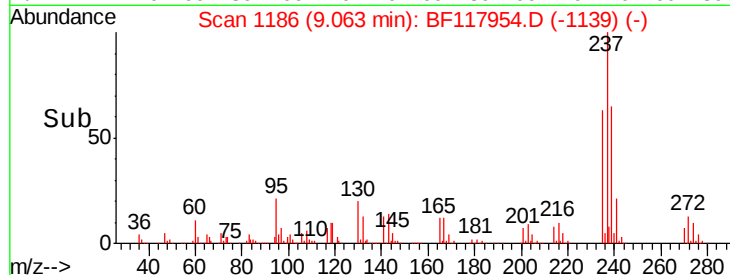
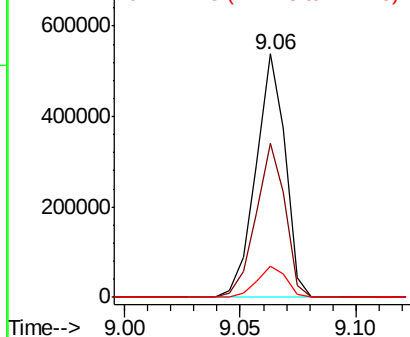
Tot Ion:	237	Resp:	476938
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.6	82.6
272	12.9	0.0	34.3

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



#42

2,4,6-Tribromophenol

Concen: 135.347 ng

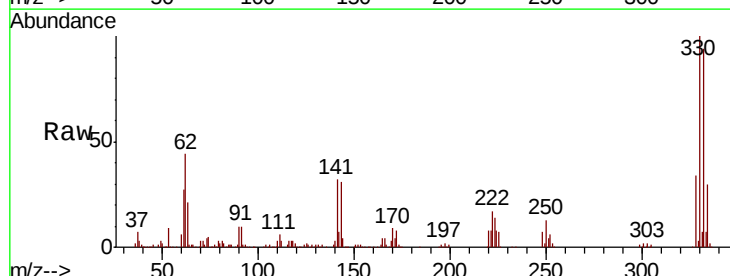
RT: 10.75 min Scan# 1473

Delta R.T. -0.02 min

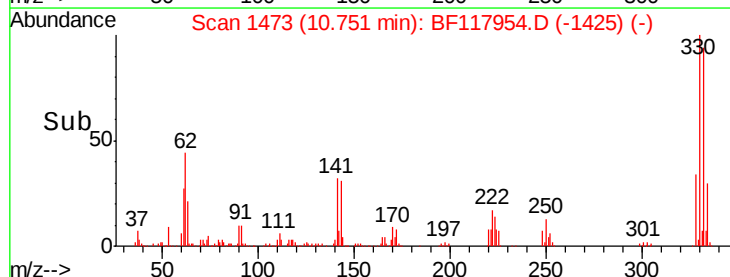
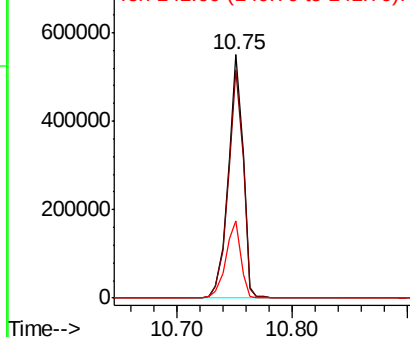
Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Tgt Ion:	330	Resp:	484771
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.7	115.1
141	32.5	27.7	41.5



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





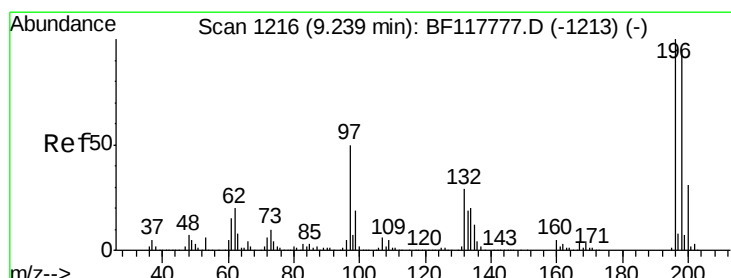
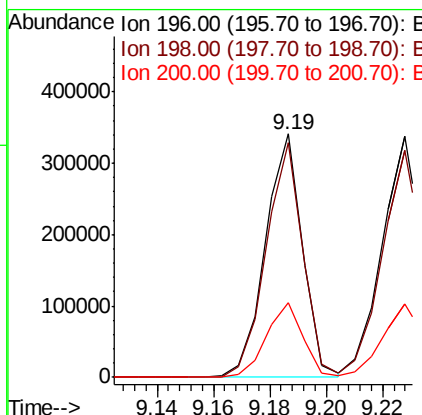
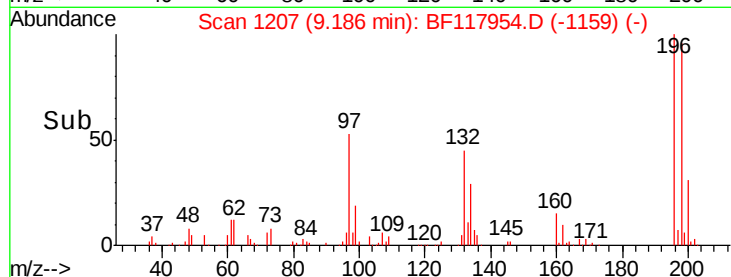
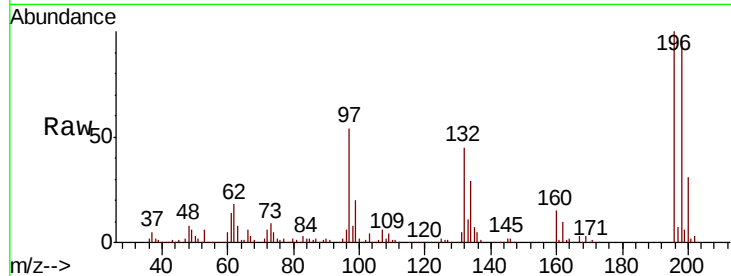
#43
 2,4,6-Trichlorophenol
 Concen: 44.003 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125043BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	309658		
198	96.2	77.8	116.6	
200	30.5	25.4	38.0	

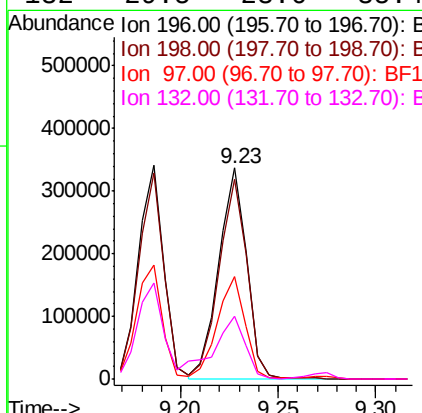
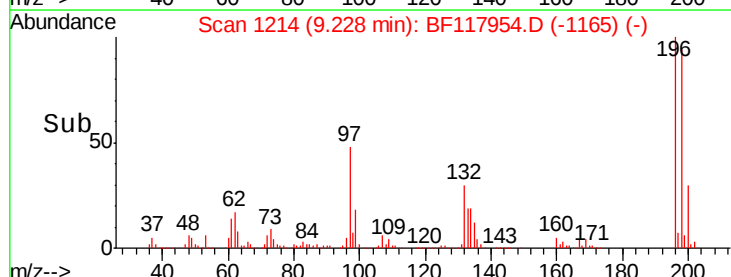
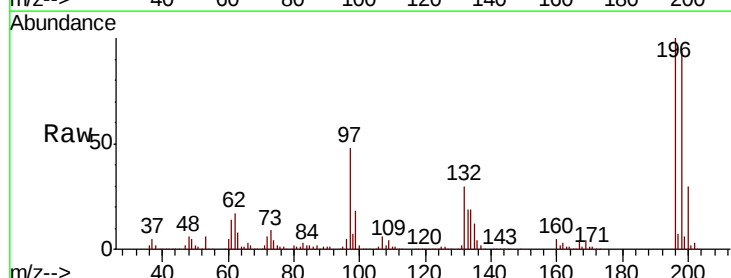
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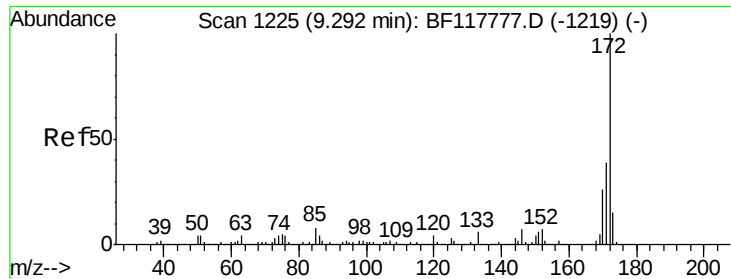
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.816 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	334760		
198	94.4	76.3	114.5	
97	48.3	40.0	60.0	
132	29.5	23.6	35.4	





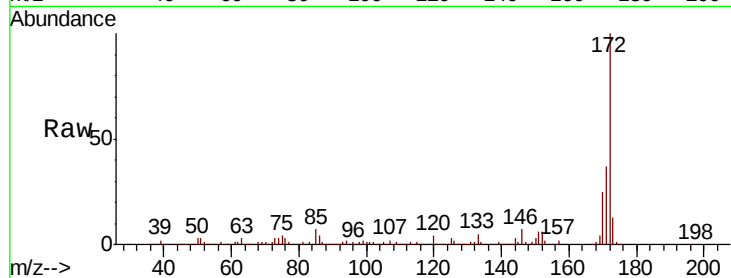
#45
2-Fluorobiphenyl
Concen: 92.830 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.9	46.3
170	24.8	21.0	31.4

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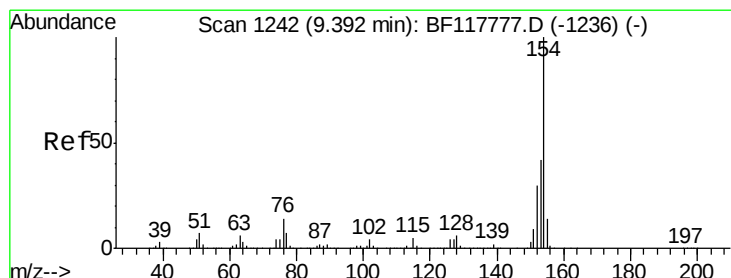
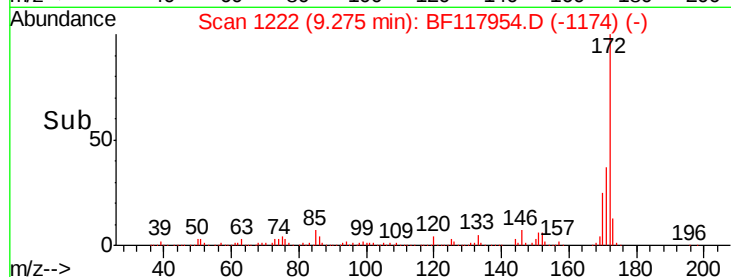
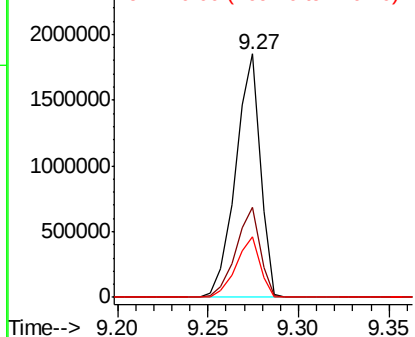


Abundance

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: 45.326 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

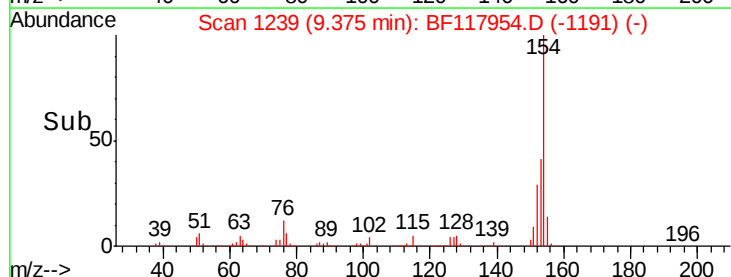
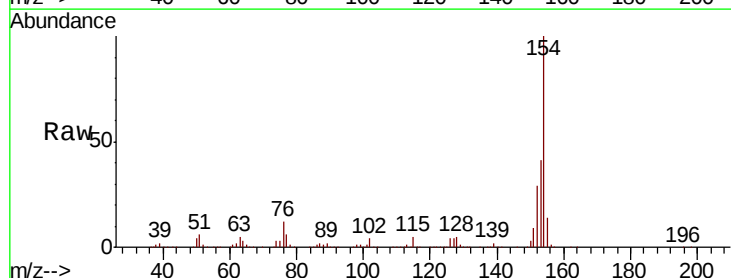
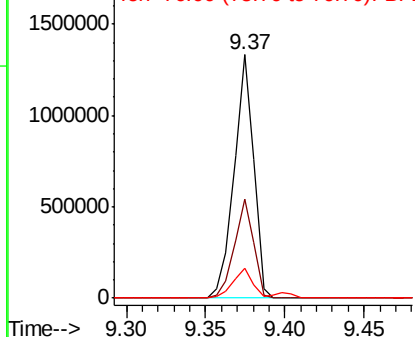
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.9	61.9
76	12.3	0.0	33.6

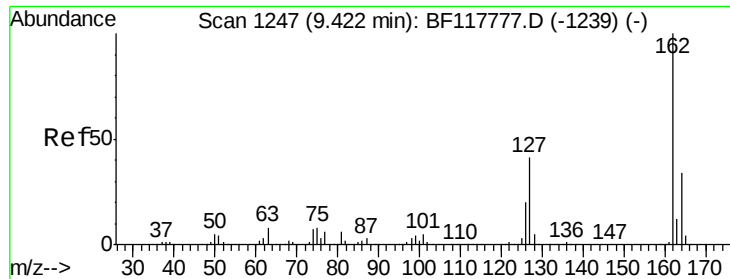
Abundance

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





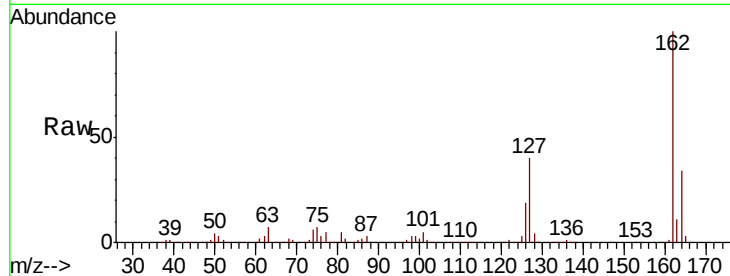
#47
 2-Chloronaphthalene
 Concen: 44.057 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125043BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	909701		
127	39.8		33.2	49.8
164	33.6		27.3	40.9

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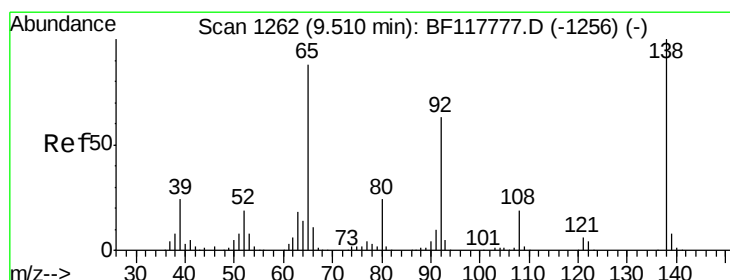
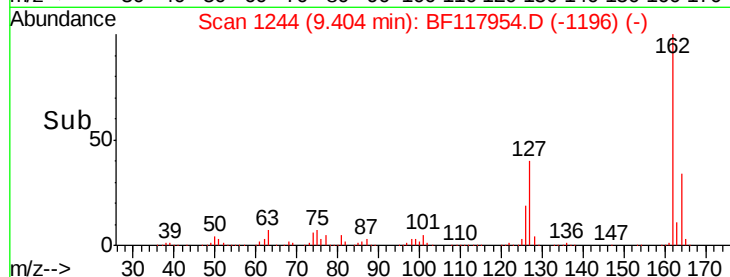
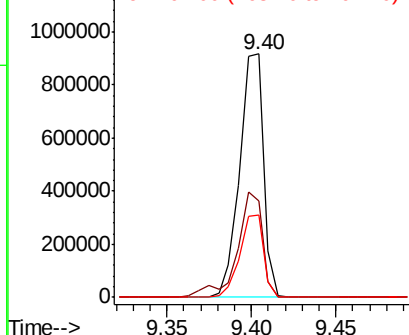


Abundance

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: 42.929 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

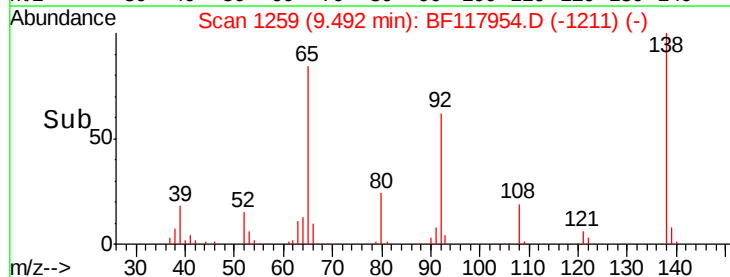
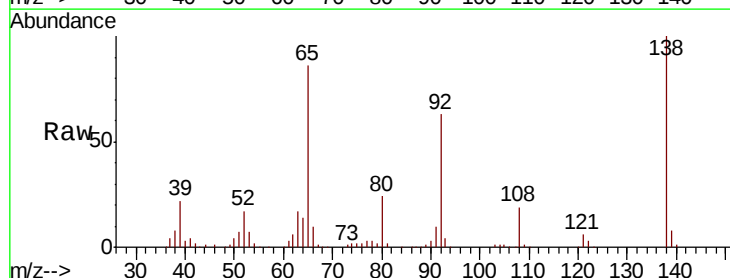
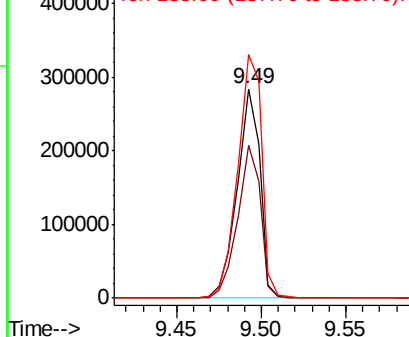
Tgt Ion	Ratio	Resp	Lower	Upper
65	100	267610		
92	72.9		56.6	84.8
138	116.4		90.5	135.7

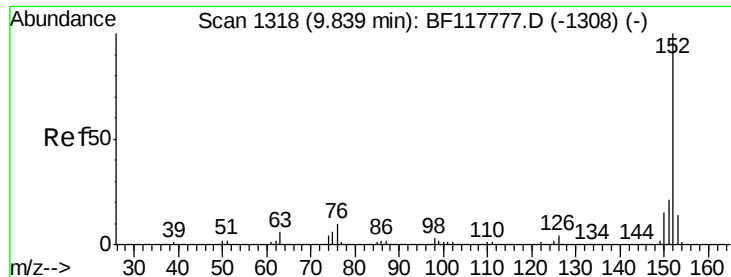
Abundance

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: 49.097 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampleId :

PB125043BS

Tot Ion:152 Resp: 1478015

Ion Ratio Lower Upper

152 100

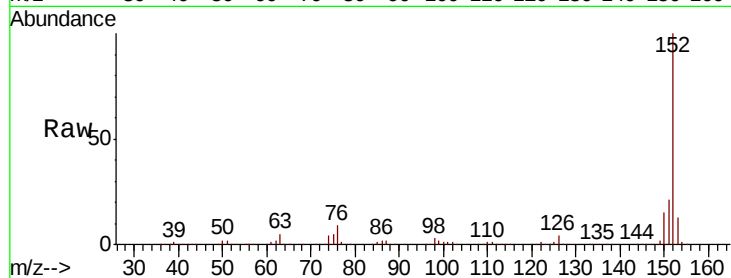
151 20.8 17.0 25.6

153 13.4 11.0 16.6

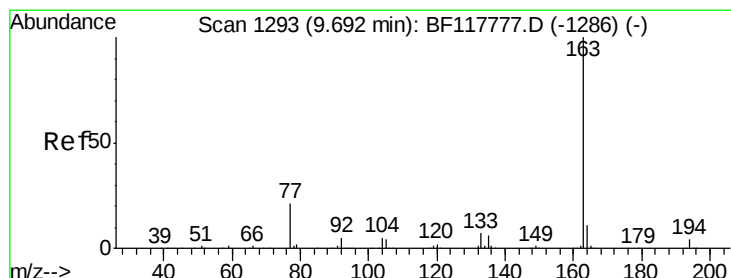
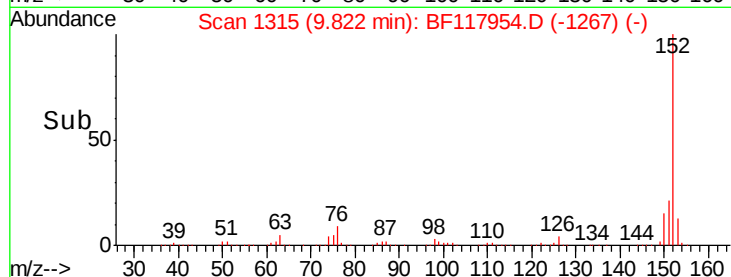
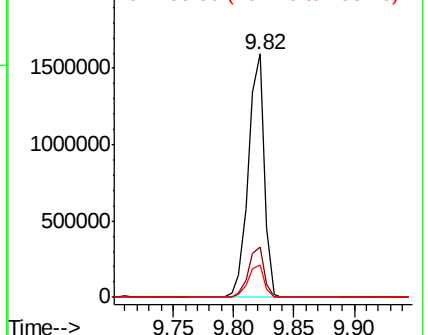
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.632 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

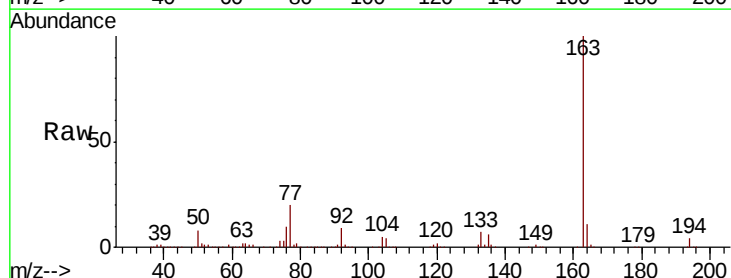
Tgt Ion:163 Resp: 1201197

Ion Ratio Lower Upper

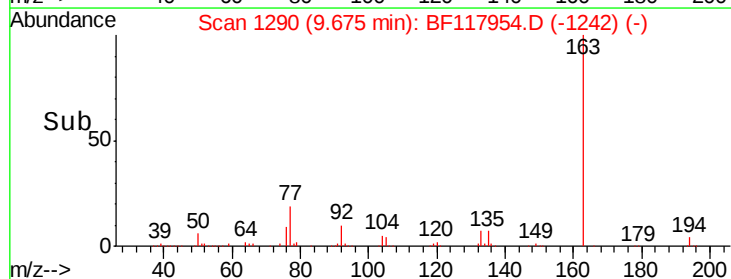
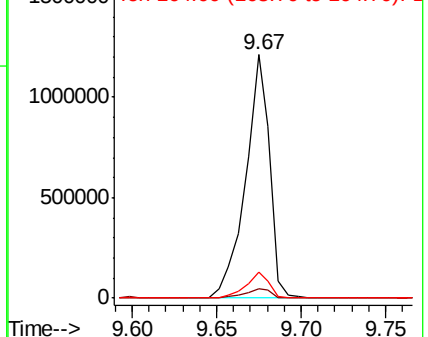
163 100

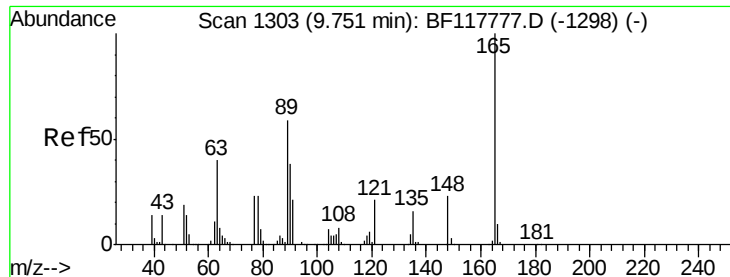
194 4.1 3.3 4.9

164 10.5 8.7 13.1



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





#51

2,6-Dinitrotoluene

Concen: 50.637 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampleId :

PB125043BS

Tot Ion:165 Resp: 262551
Ion Ratio Lower Upper

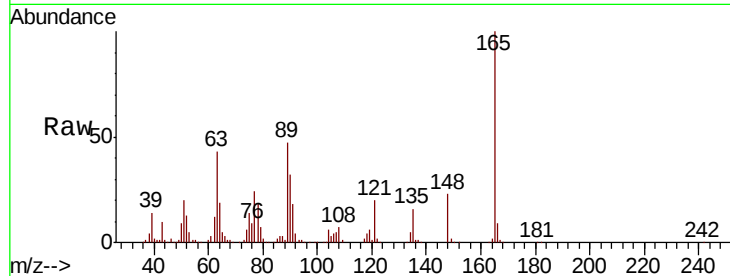
165 100

63 43.0 46.0 69.0#

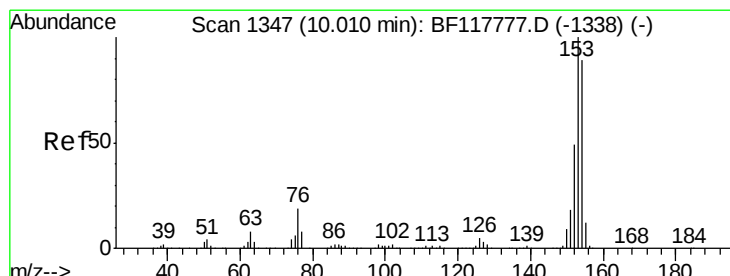
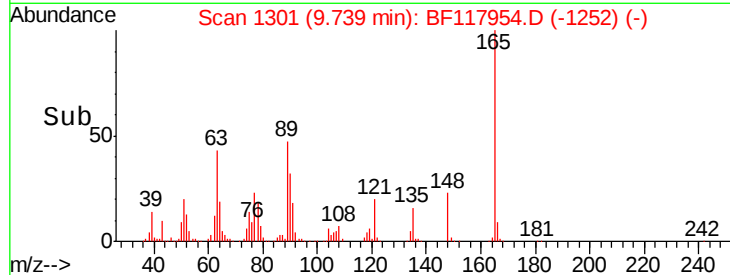
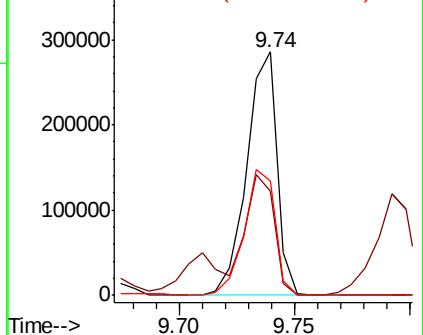
89 47.1 47.7 71.5#

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



#52

Acenaphthene

Concen: 47.688 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BF117954.D

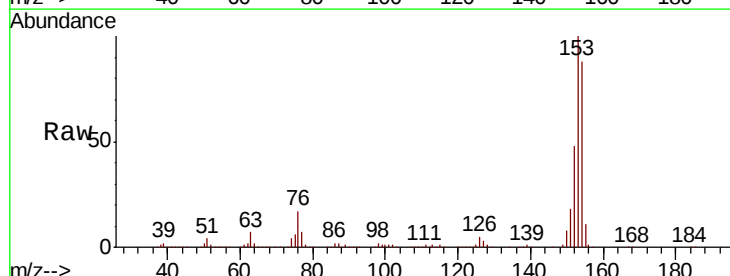
Acq: 23 Nov 2019 14:13

Tgt Ion:154 Resp: 919648
Ion Ratio Lower Upper

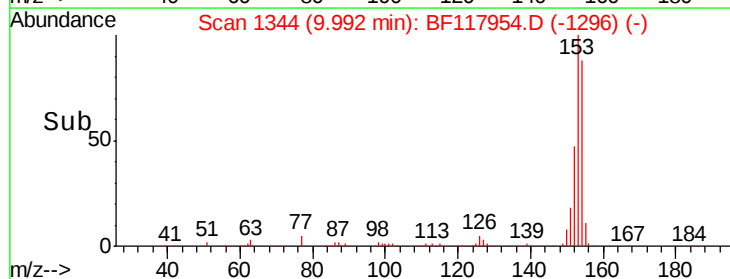
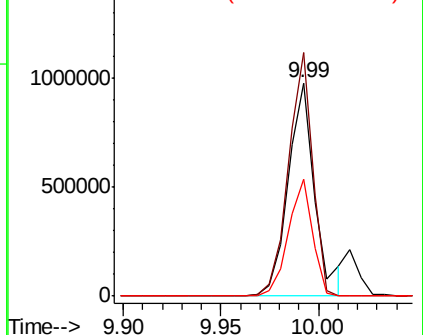
154 100

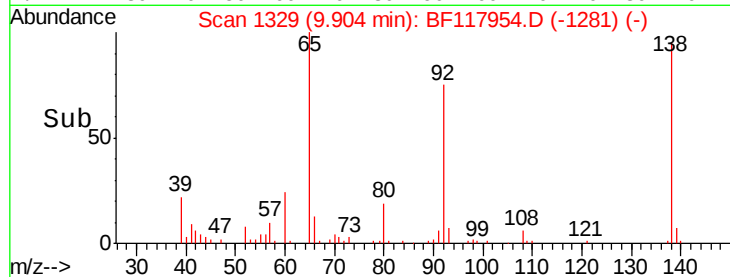
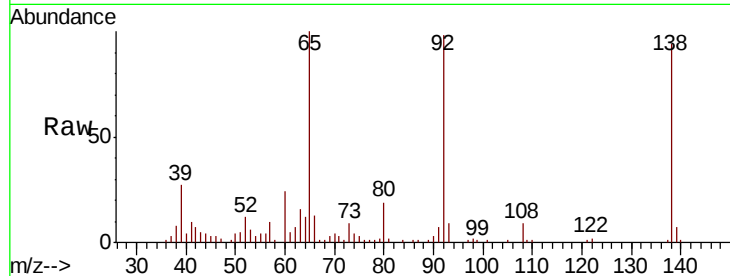
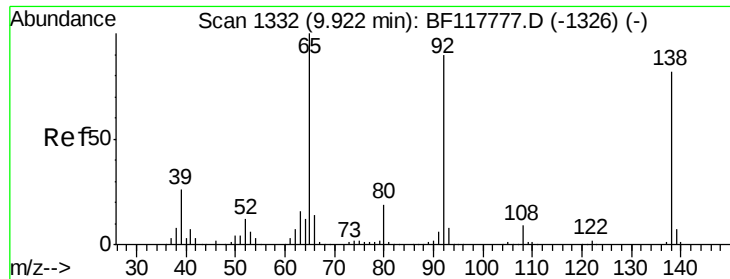
153 114.0 90.1 135.1

152 54.6 44.0 66.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





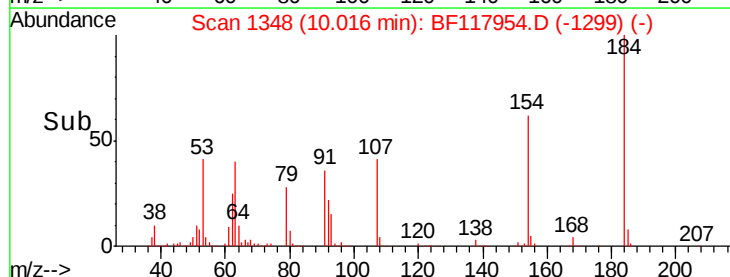
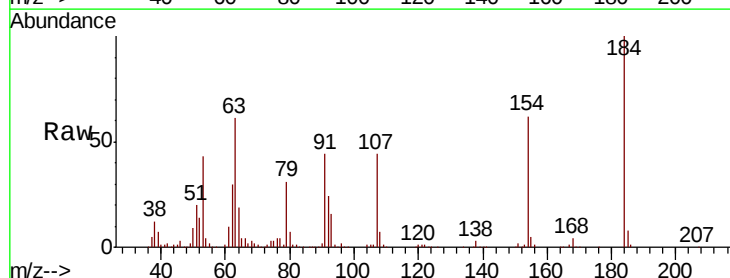
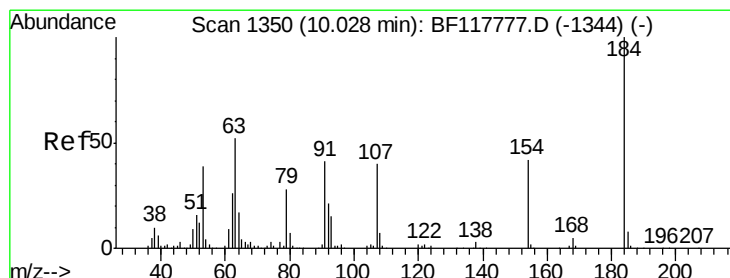
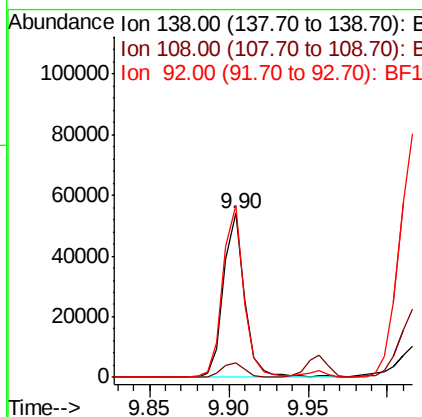
#53
3-Nitroaniline
Concen: 8.102 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tot Ion:138 Resp: 50266
Ion Ratio Lower Upper
138 100
108 9.1 8.6 12.8
92 104.7 87.9 131.9

Instrument :
BNA_F
ClientSampleId :
PB125043BS

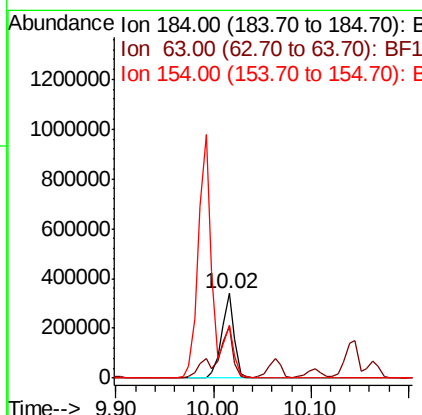
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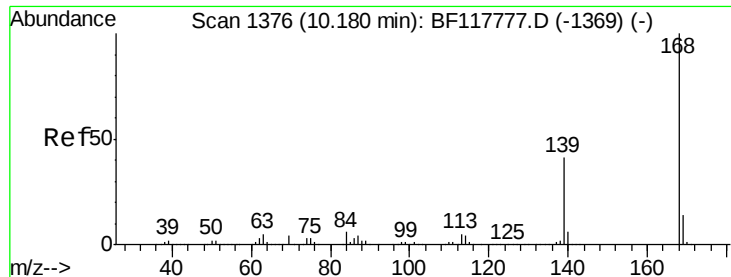
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#54
2,4-Dinitrophenol
Concen: 110.514 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:184 Resp: 302491
Ion Ratio Lower Upper
184 100
63 60.6 43.0 64.6
154 62.4 48.0 72.0





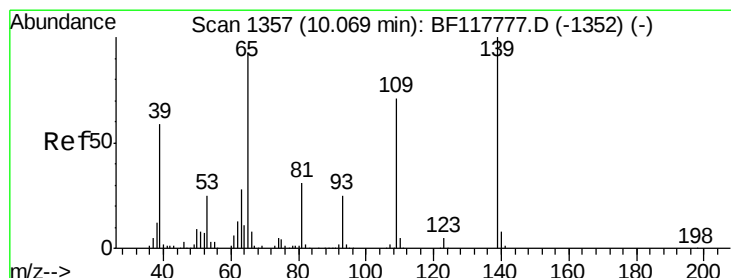
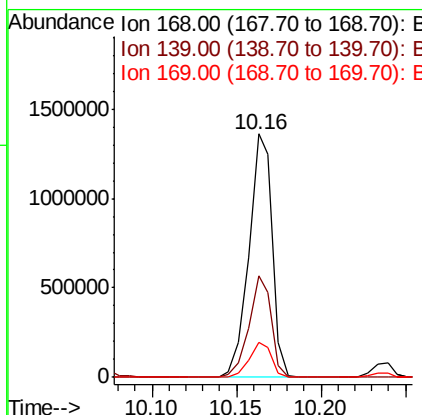
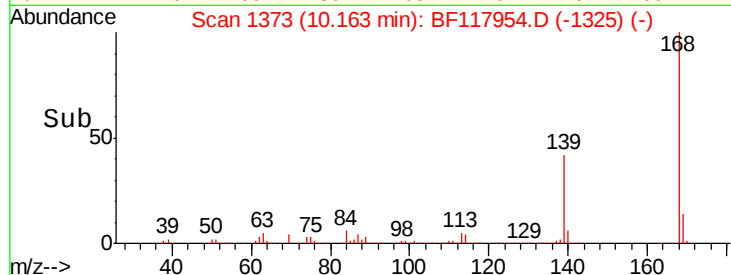
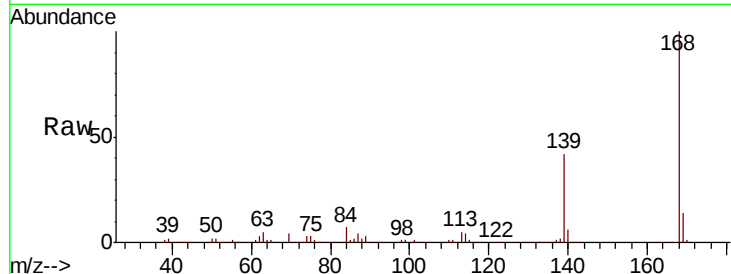
#55
Dibenzenofuran
Concen: 49.056 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.8	33.0	49.6
169	14.4	11.5	17.3

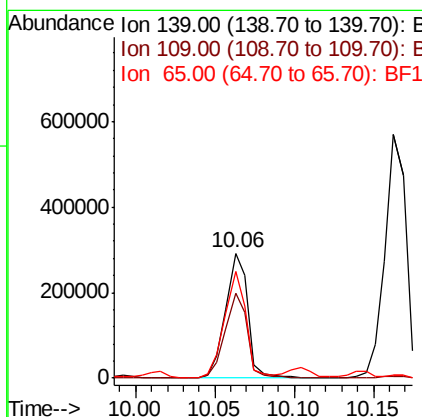
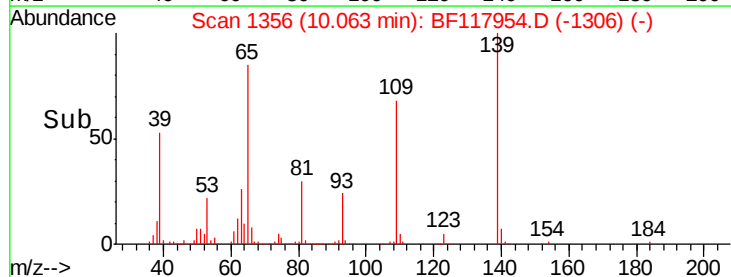
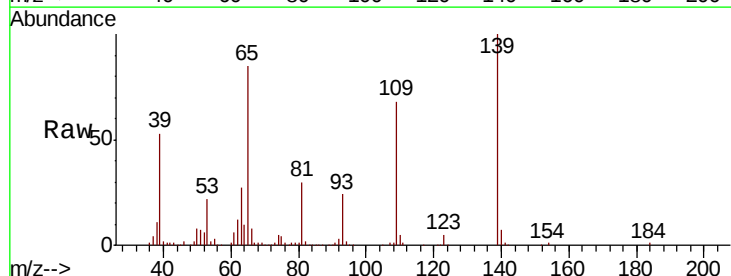
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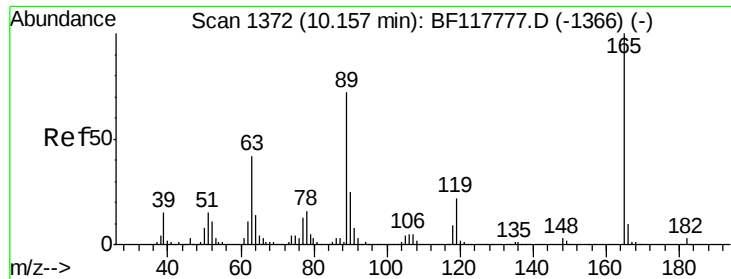
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#56
4-Nitrophenol
Concen: 62.259 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.0	50.8	90.8
65	85.4	73.6	113.6





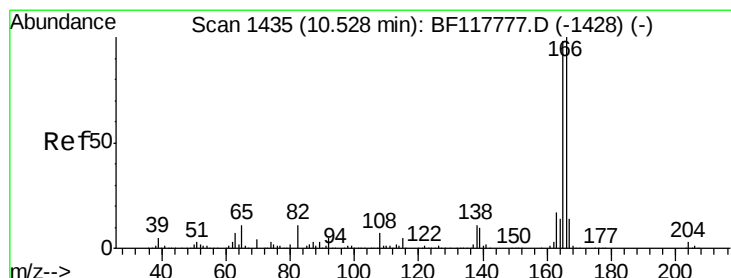
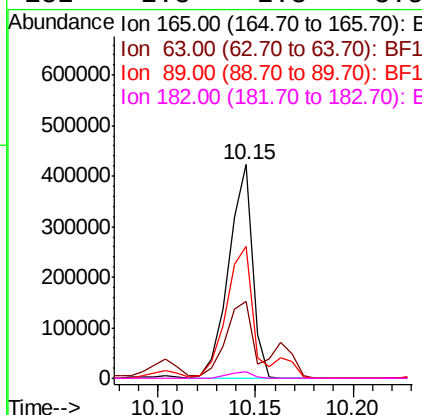
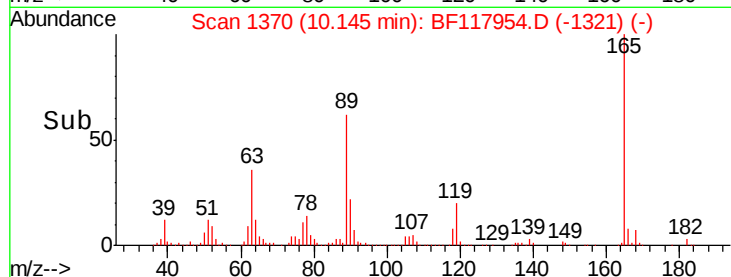
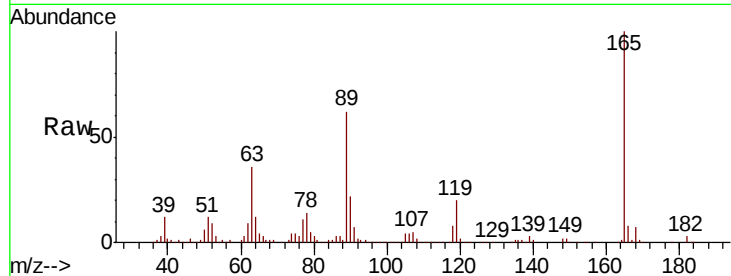
#57
2,4-Dinitrotoluene
Concen: 54.100 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	356818		
63	35.9		33.7	50.5
89	61.9		57.3	85.9
182	2.8		2.3	3.5

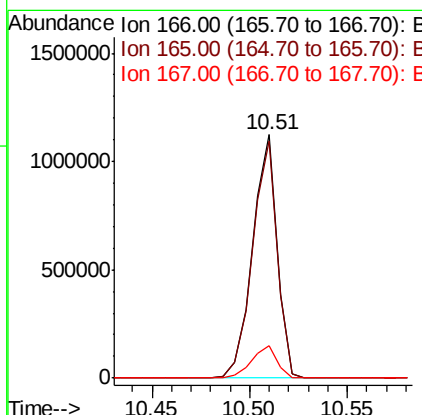
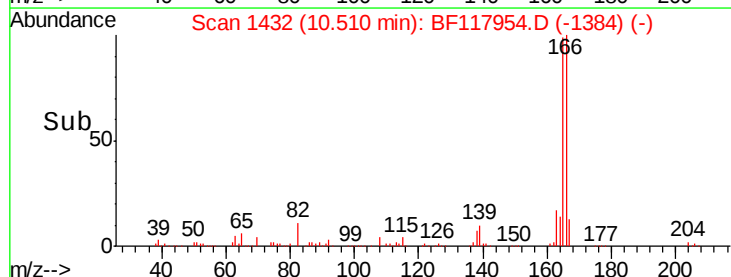
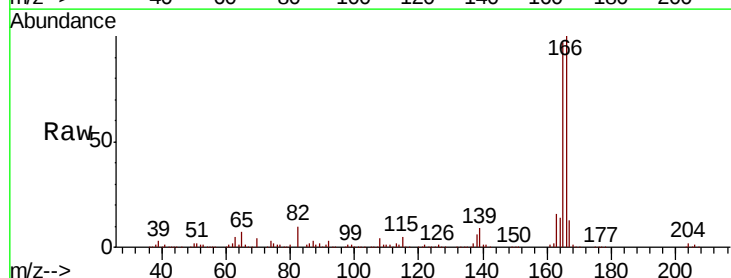
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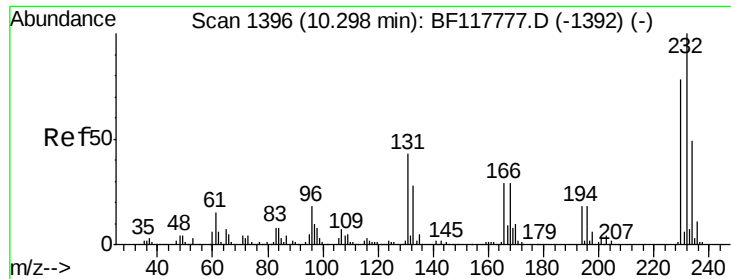
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#58
Fluorene
Concen: 47.436 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	981647		
165	97.3		78.4	117.6
167	13.3		11.0	16.4





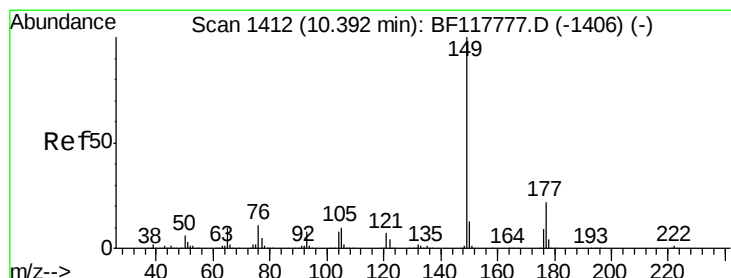
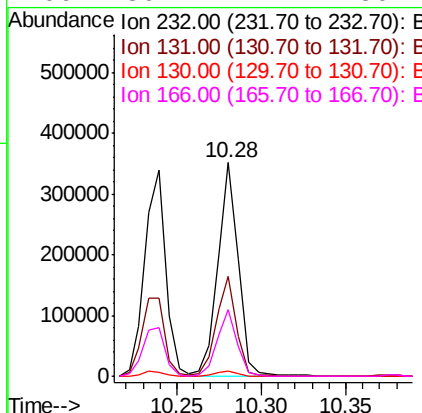
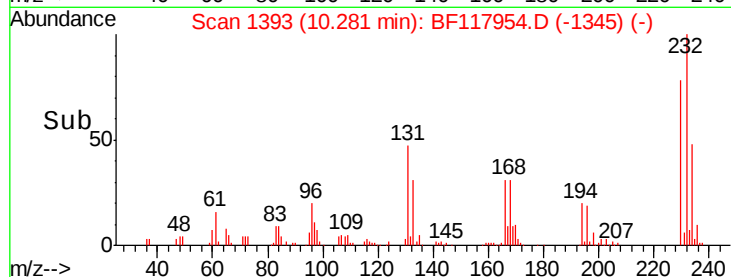
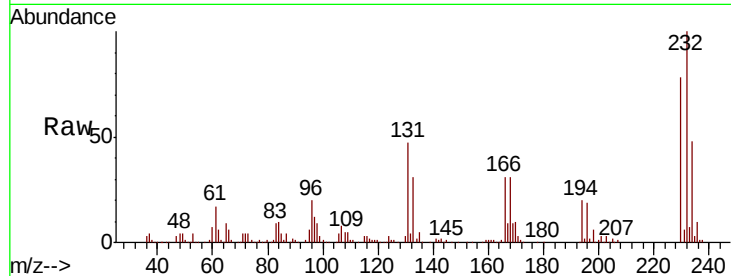
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.387 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125043BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.1	37.6	56.4
130	2.4	1.9	2.9
166	30.4	24.2	36.4

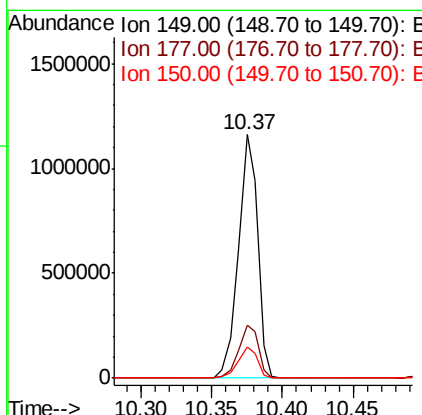
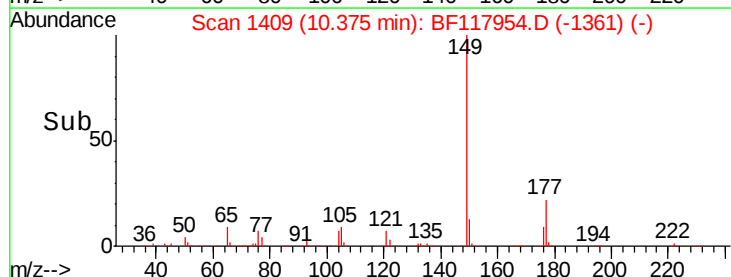
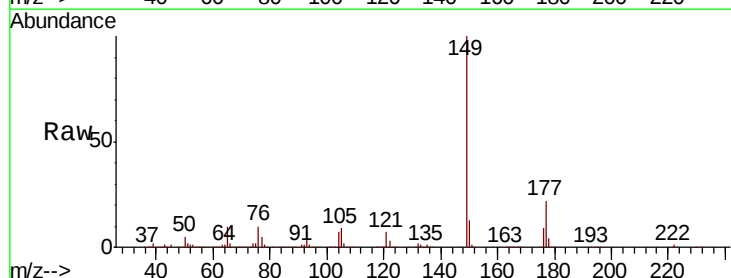
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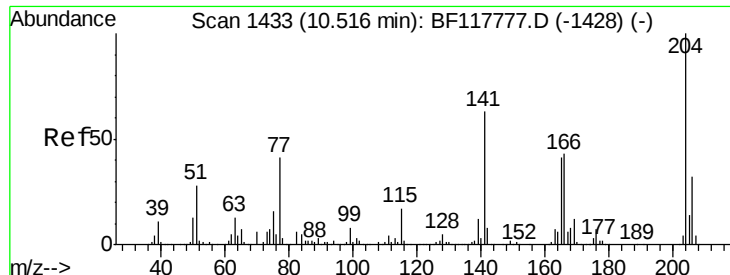
mohammad
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#60
 Diethylphthalate
 Concen: 47.501 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.0	27.0
150	12.7	10.5	15.7





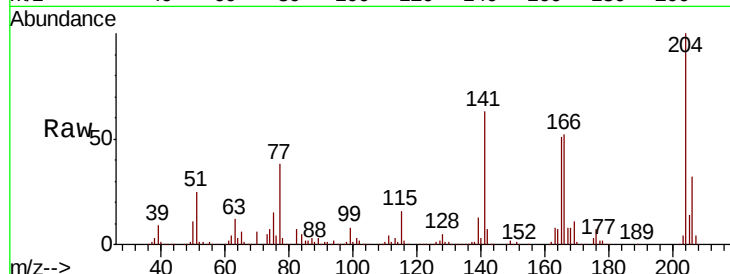
#61
4-Chlorophenyl-phenylether
Concen: 47.356 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.6	38.4
141	62.6	50.7	76.1

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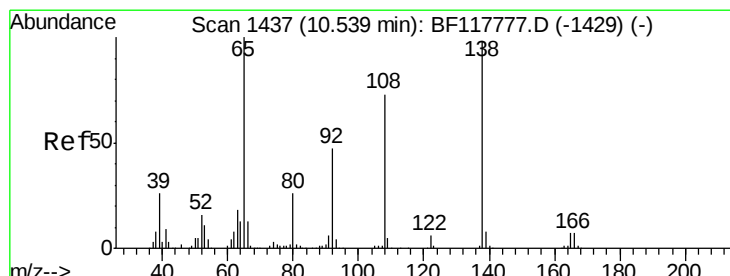
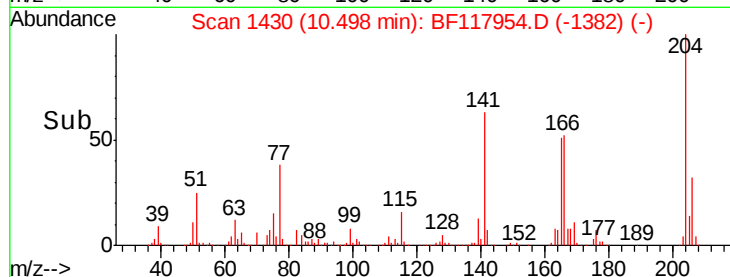
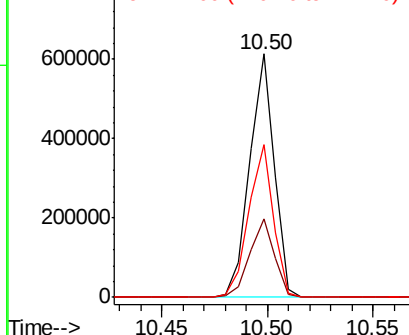


Abundance

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: 26.825 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

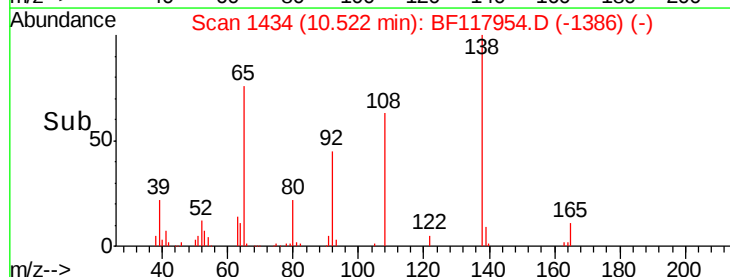
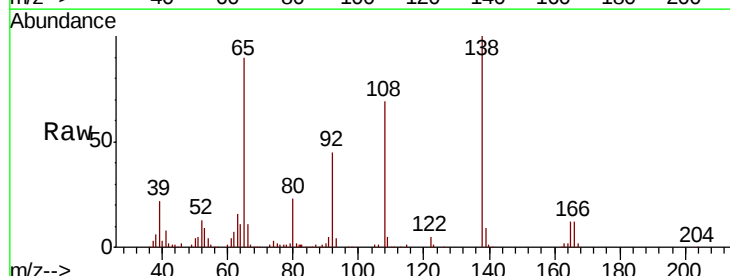
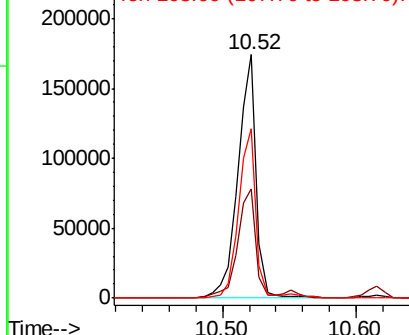
Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.8	28.3	68.3
108	69.4	54.3	94.3

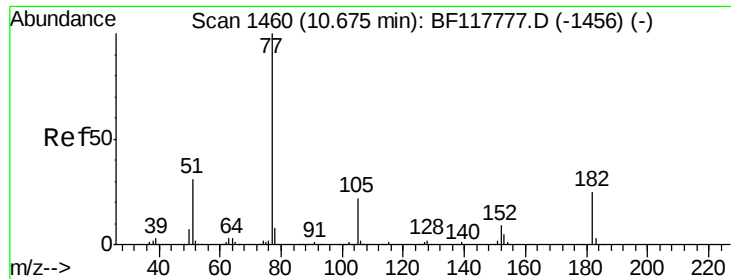
Abundance

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





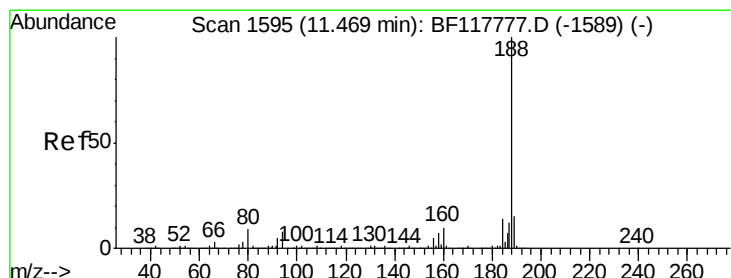
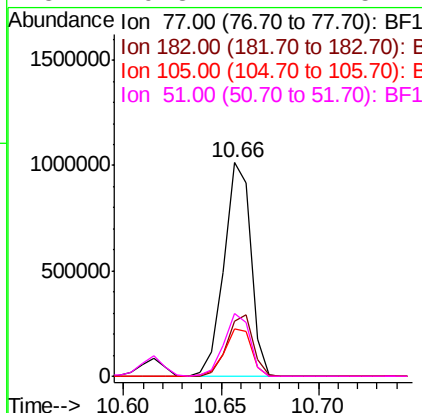
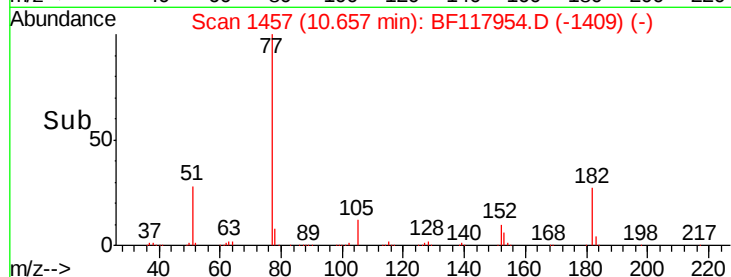
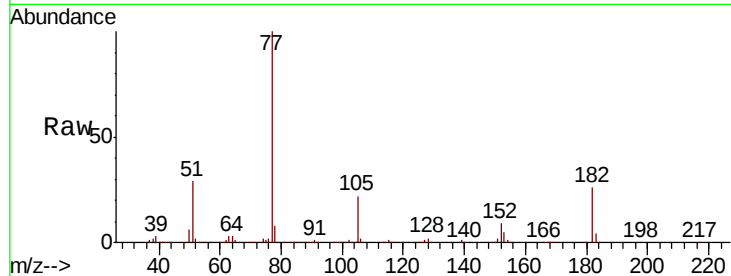
#63
Azobenzene
Concen: 45.926 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		966387		
182	26.0	4.8	44.8		
105	22.4	2.1	42.1		
51	29.3	11.4	51.4		

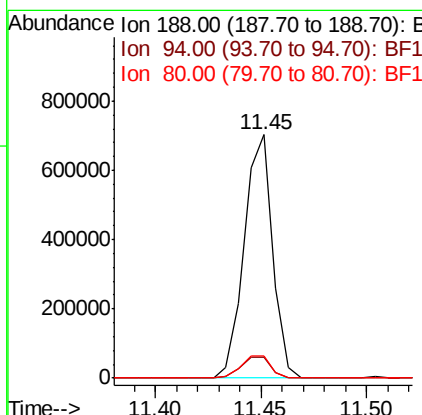
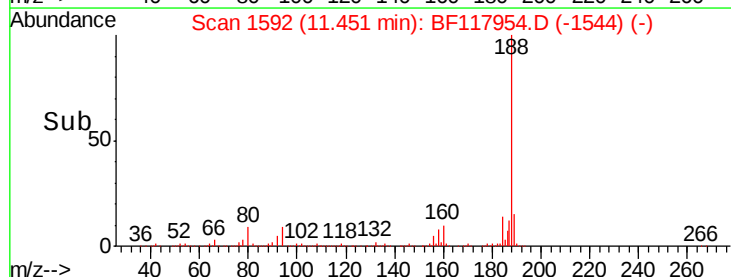
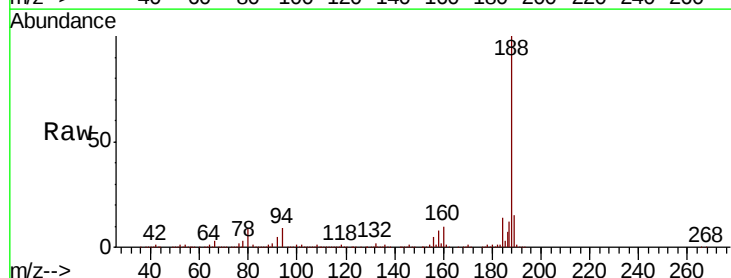
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		654075		
94	8.6	6.6	10.0		
80	9.1	7.2	10.8		





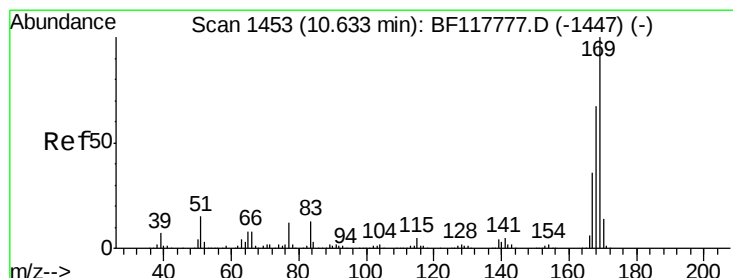
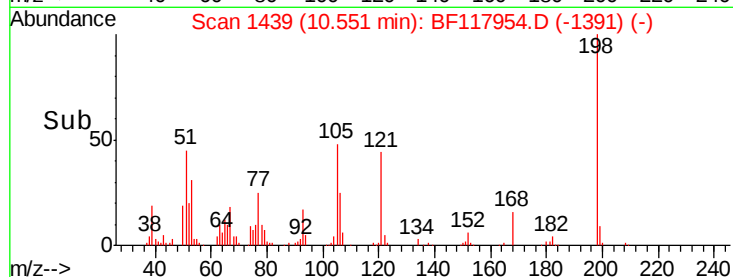
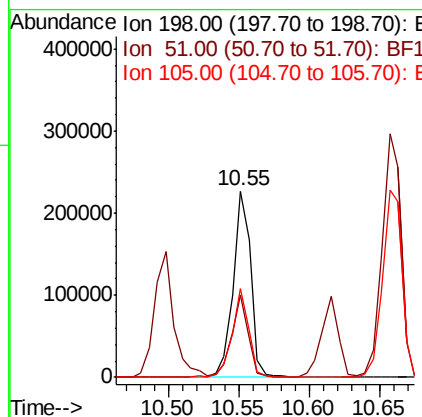
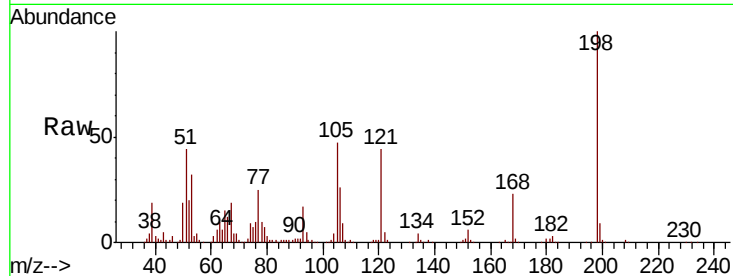
#65
4,6-Dinitro-2-methylphenol
Concen: 64.606 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	197273		
51	44.3	16.0	56.0	
105	47.4	19.1	59.1	

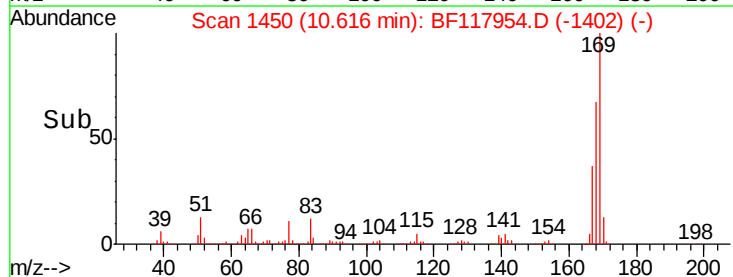
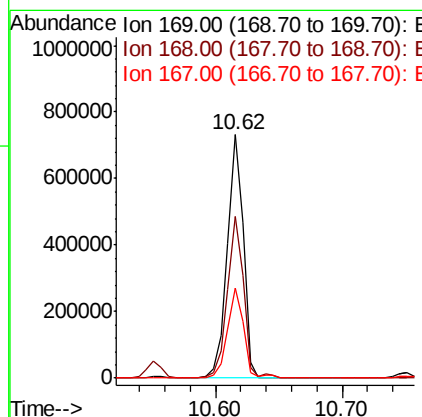
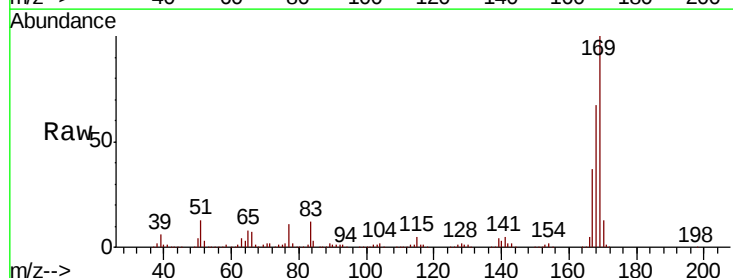
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#66
n-Nitrosodiphenylamine
Concen: 33.755 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	642537		
168	66.5	53.5	80.3	
167	36.8	29.0	43.4	





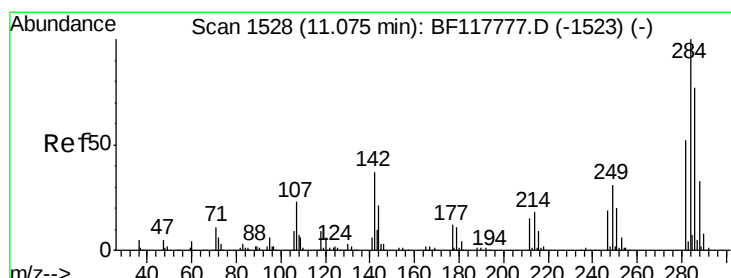
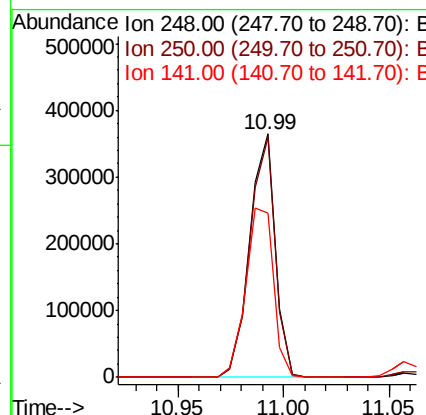
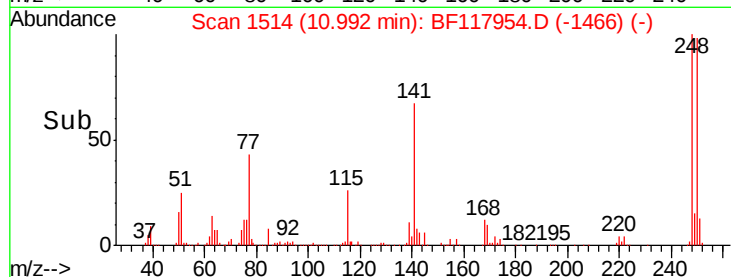
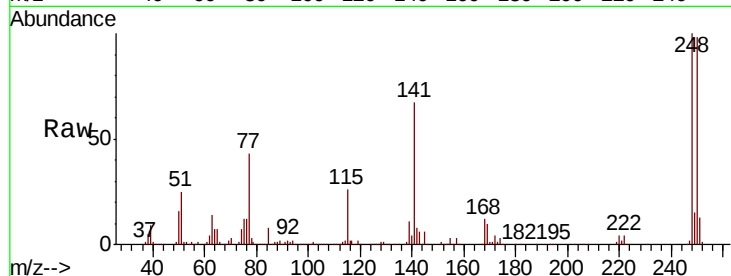
#67
4-Bromophenyl-phenylether
Concen: 43.569 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	307485		
250	98.5	76.6	115.0	
141	67.2	55.9	83.9	

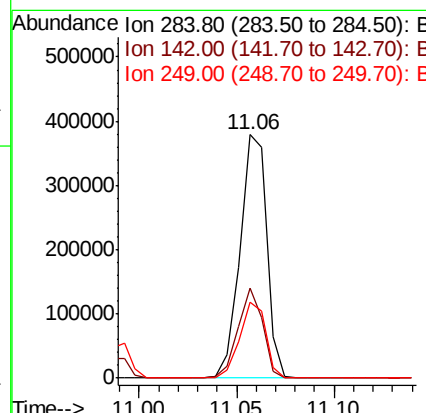
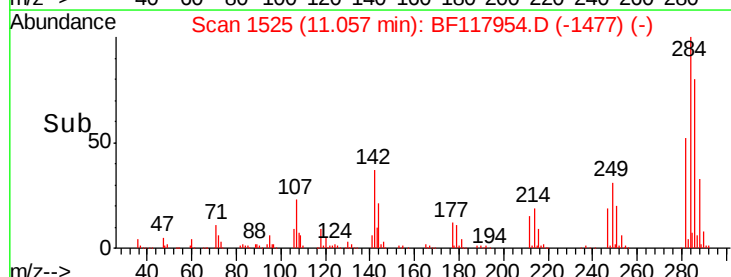
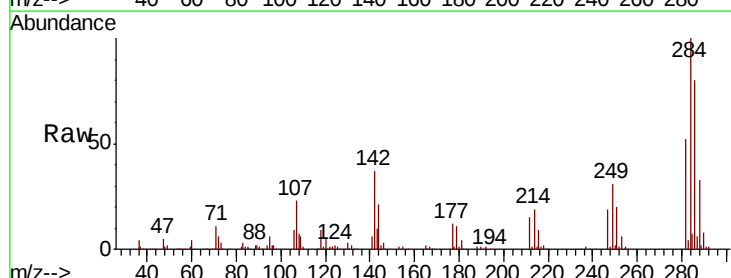
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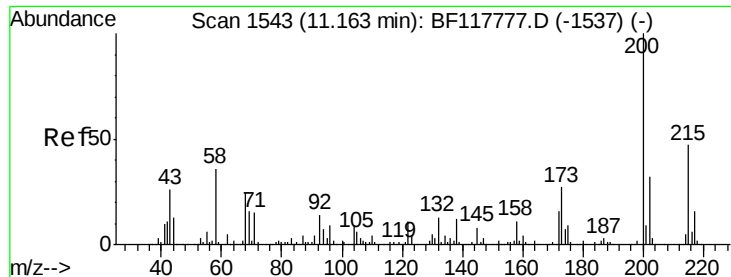
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#68
Hexachlorobenzene
Concen: 43.699 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	359610		
142	36.9	29.4	44.2	
249	30.9	24.6	37.0	





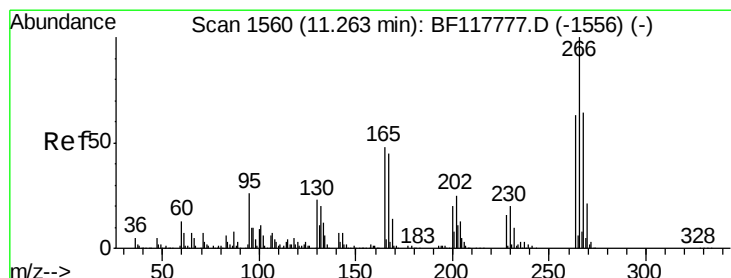
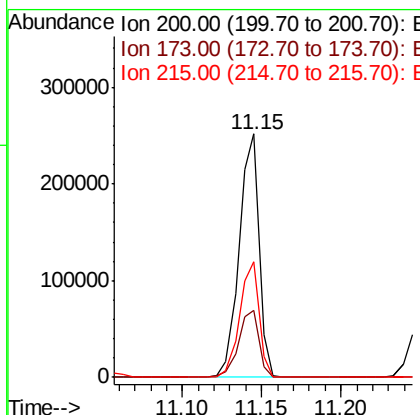
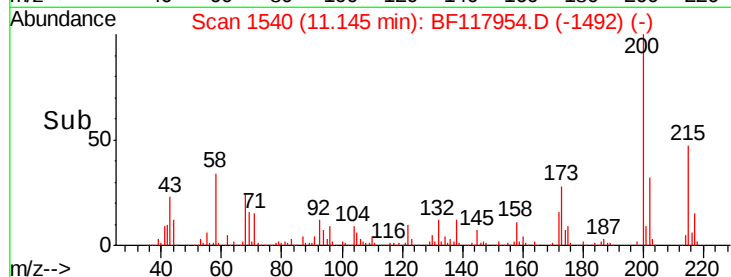
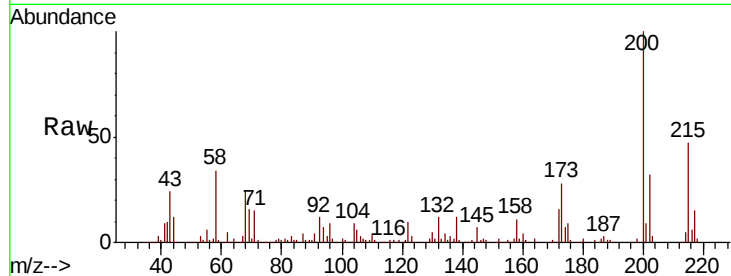
#69
 Atrazine
 Concen: 34.938 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125043BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	218776		
173	27.7	6.7	46.7	
215	47.4	27.5	67.5	

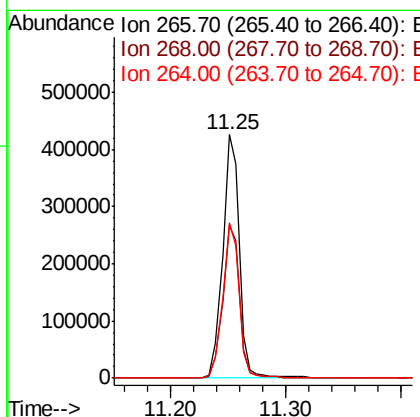
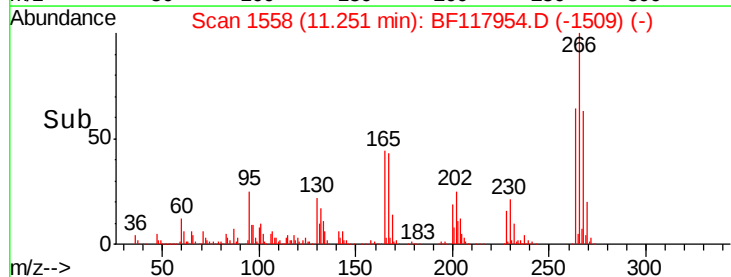
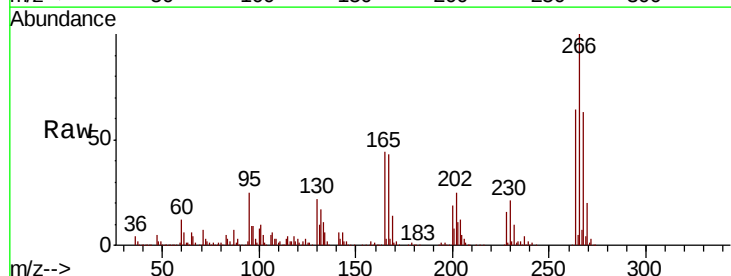
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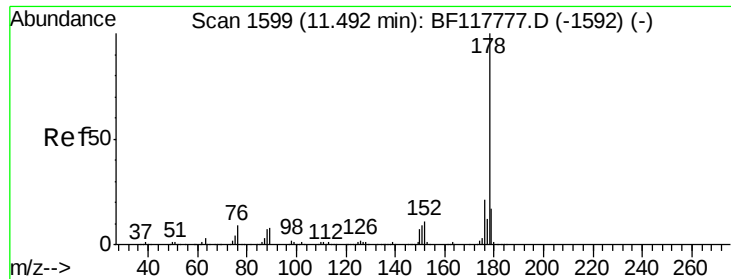
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#70
 Pentachlorophenol
 Concen: 88.719 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	426541		
268	63.0	50.8	76.2	
264	64.0	50.7	76.1	





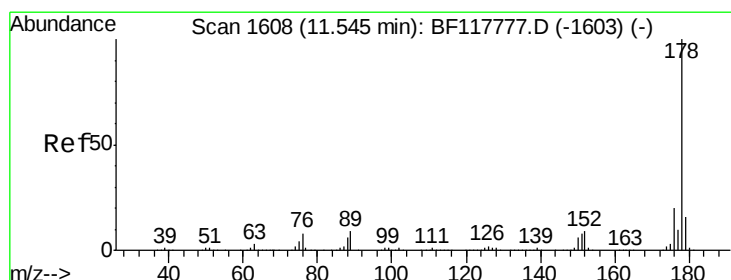
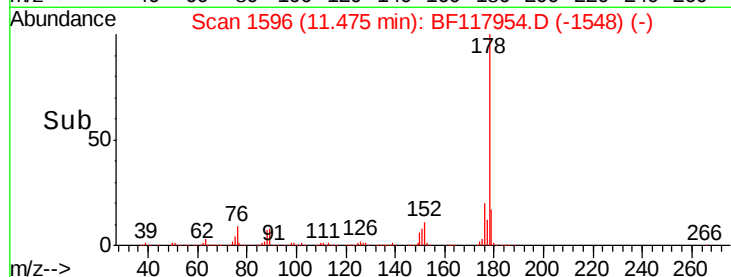
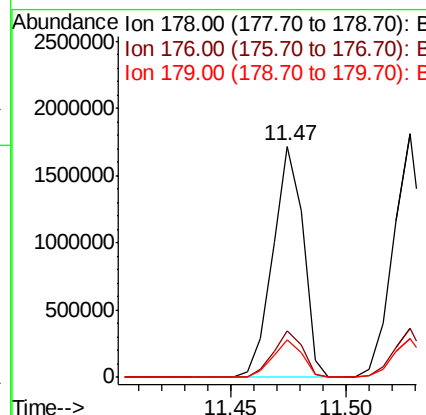
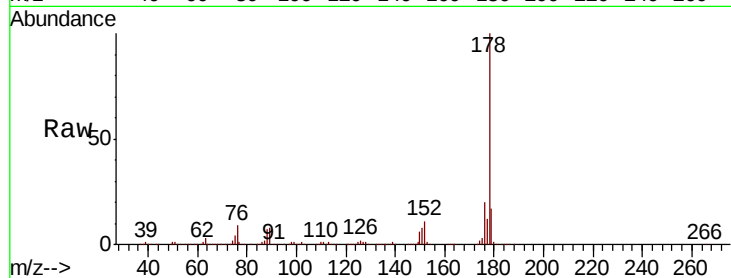
#71
Phenanthrene
Concen: 47.632 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion:178 Resp: 1566350
Ion Ratio Lower Upper
178 100
176 20.3 16.6 25.0
179 16.5 13.2 19.8

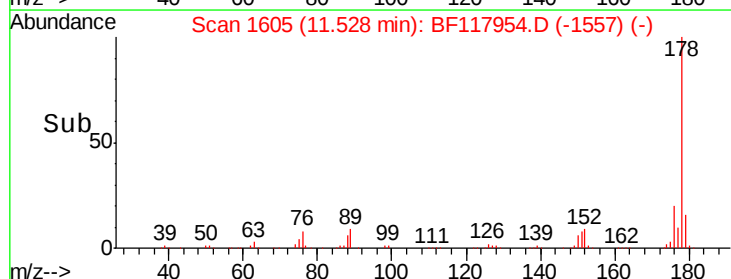
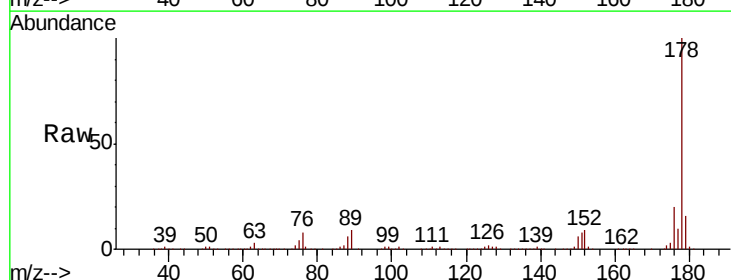
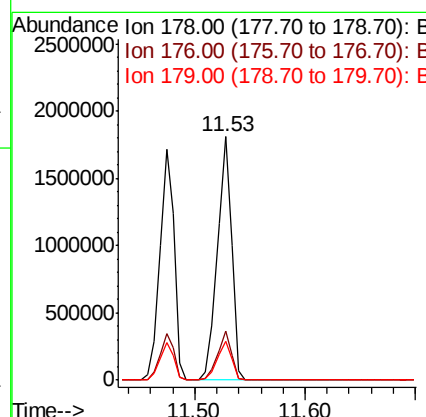
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#72
Anthracene
Concen: 49.200 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion:178 Resp: 1604151
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 16.2 13.0 19.4





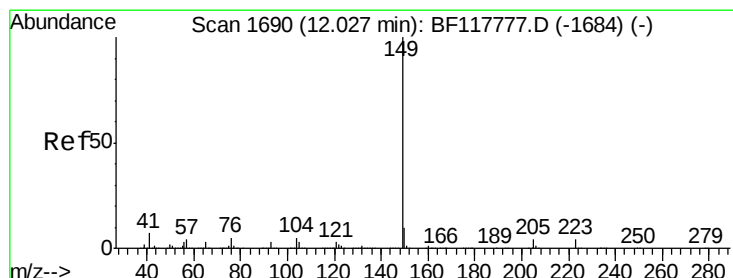
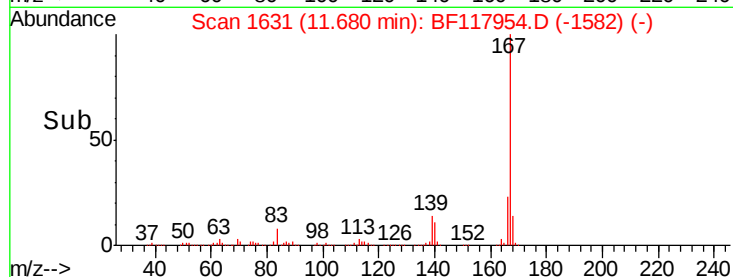
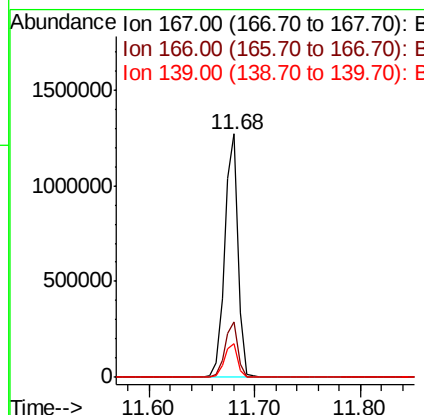
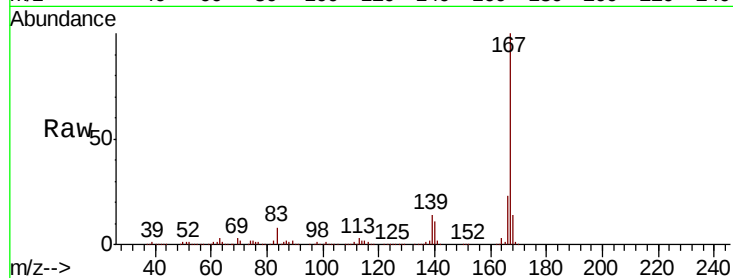
#73
 Carbazole
 Concen: 39.448 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125043BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.0	27.0
139	13.9	11.7	17.5

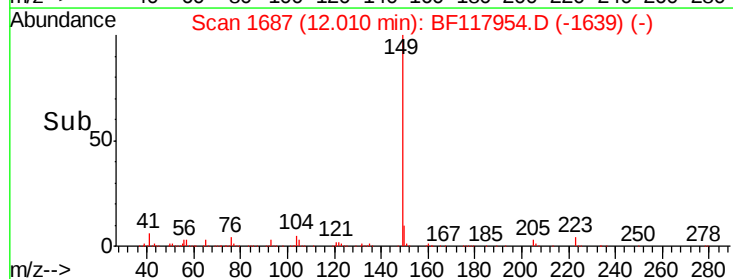
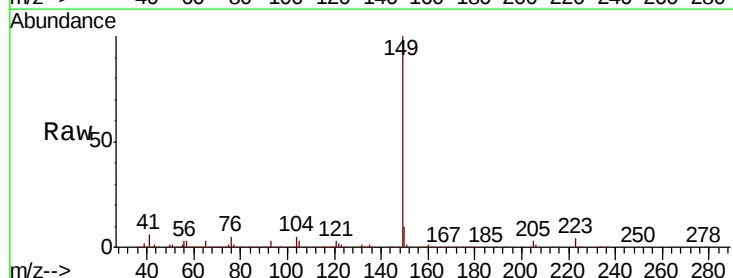
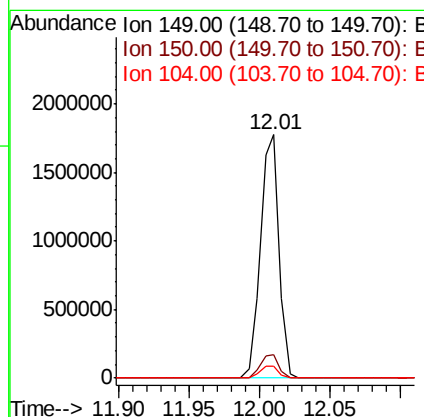
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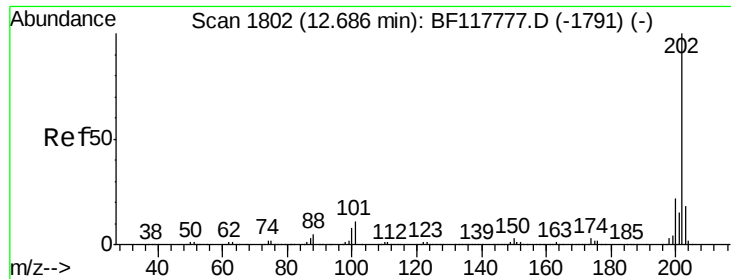
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#74
 Di-n-butylphthalate
 Concen: 46.566 ng
 RT: 12.01 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.1	4.2	6.4





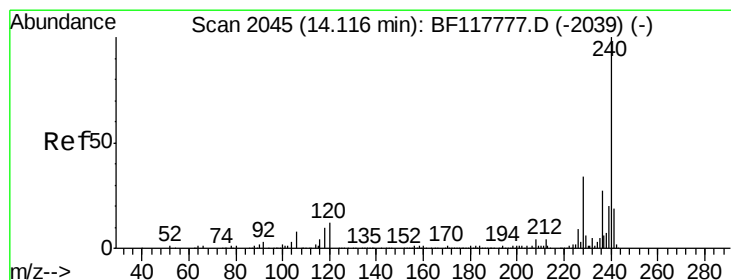
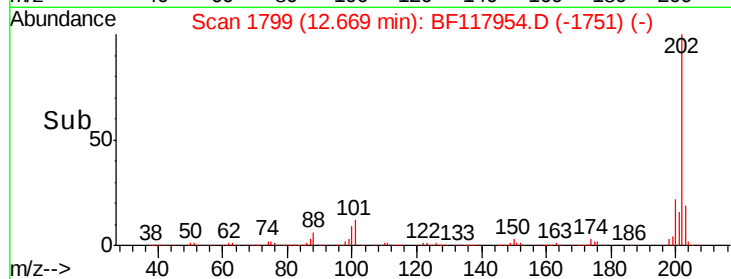
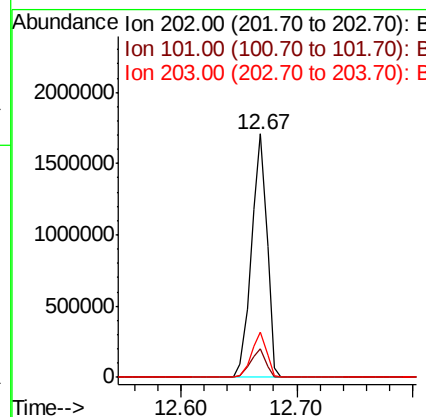
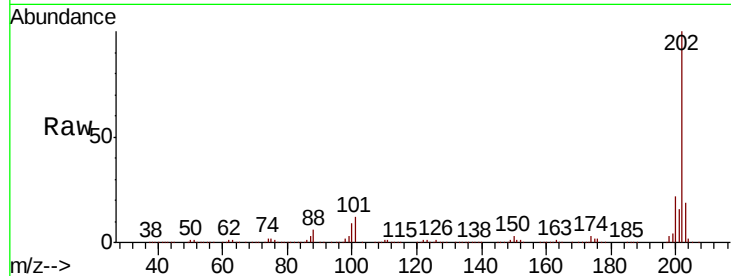
#75
 Fluoranthene
 Concen: 54.341 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125043BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.1
203	18.6	0.0	38.2

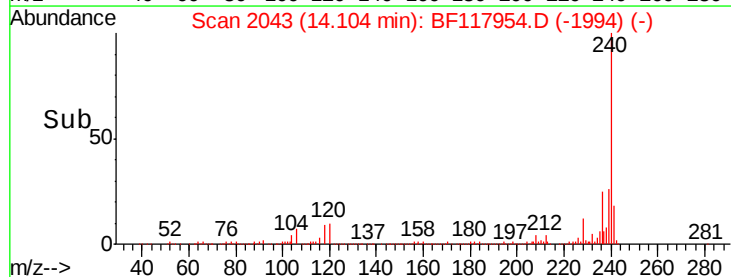
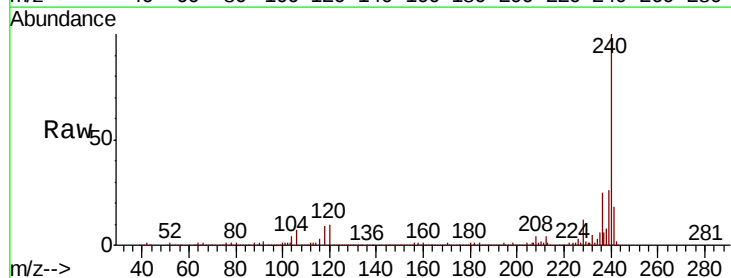
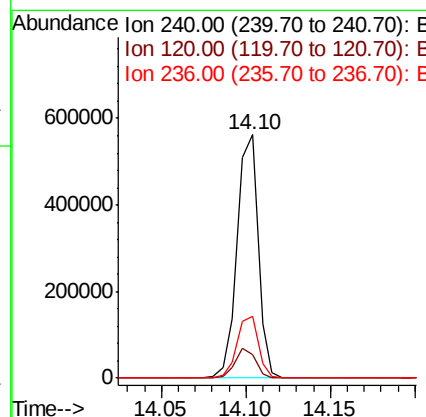
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	25.4	21.3	31.9





#77

Benzidine

Concen: 0.067 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

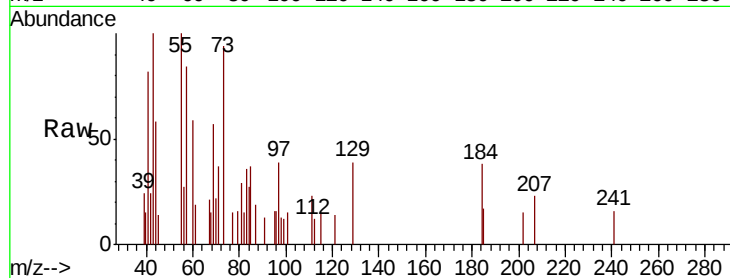
ClientSampleId :

PB125043BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	45.9	12.2	18.4#
183	0.0	9.5	14.3#

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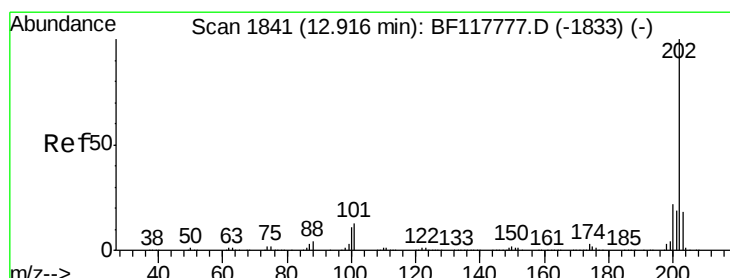
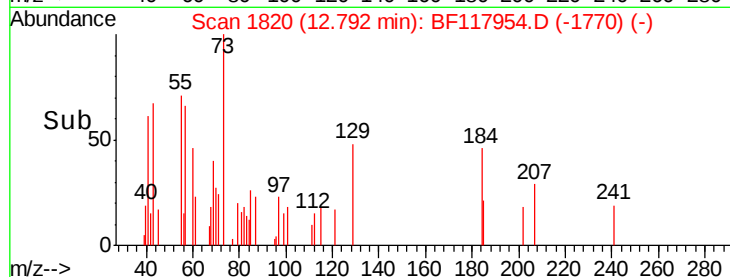
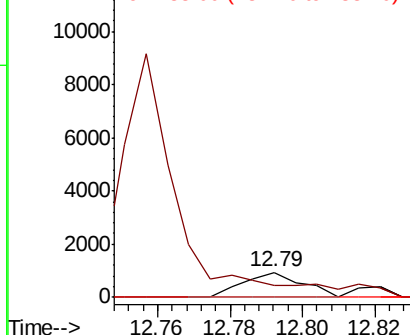


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.652 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

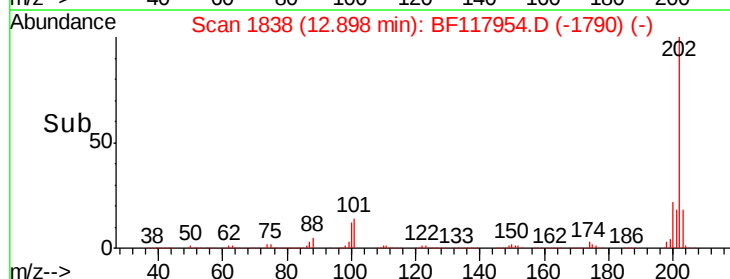
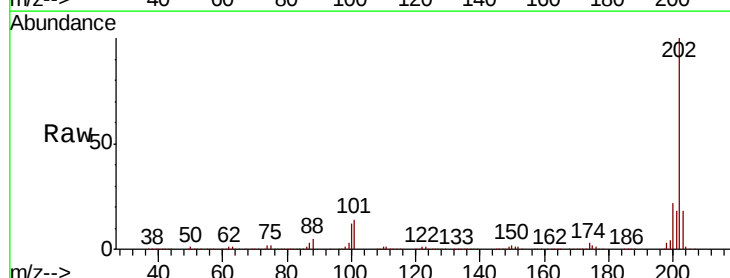
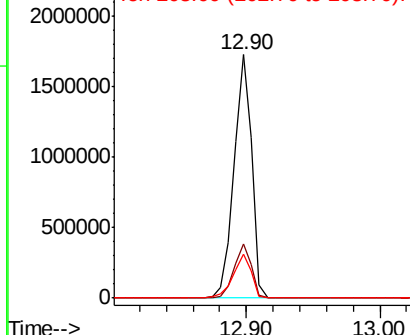
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.8
203	18.2	14.6	22.0

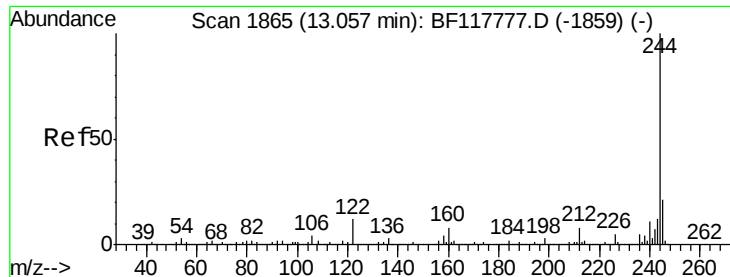
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





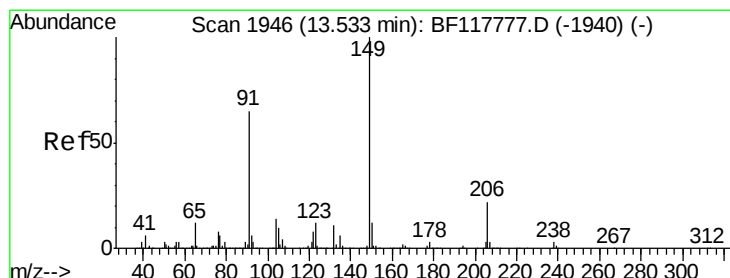
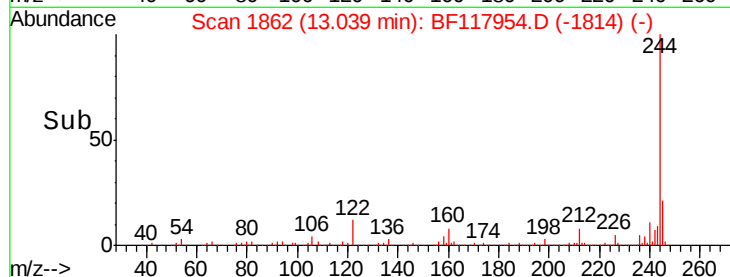
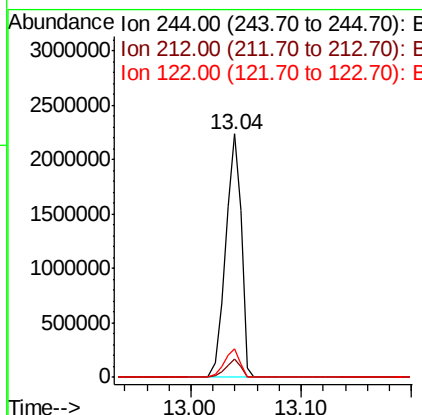
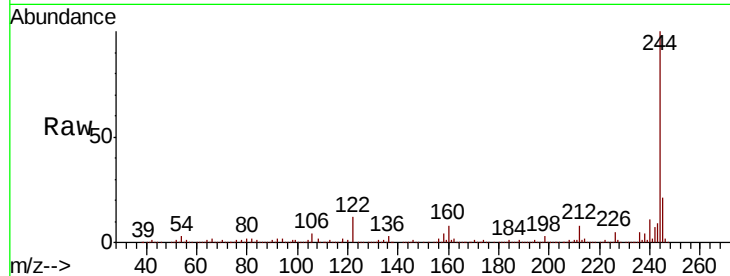
#79
 Terphenyl-d14
 Concen: 82.841 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125043BS

Tot Ion:244 Resp: 2213378
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 11.8 9.4 14.2

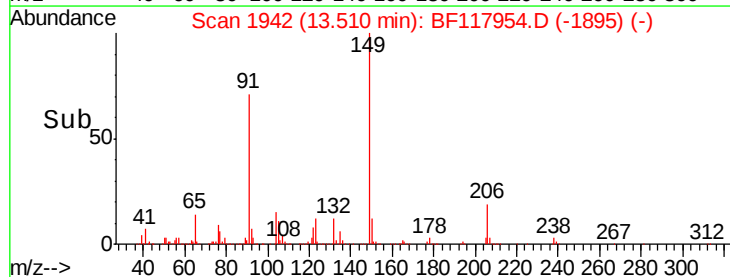
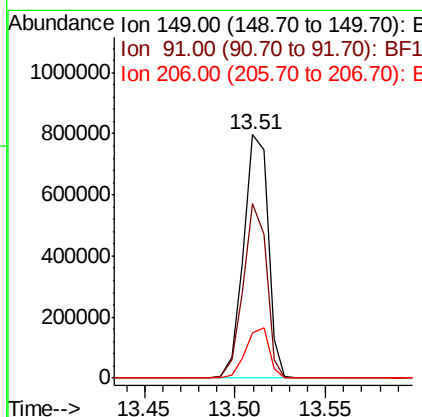
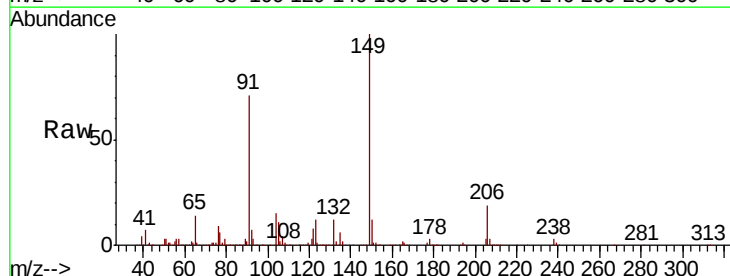
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#80
 Butylbenzylphthalate
 Concen: 44.250 ng
 RT: 13.51 min Scan# 1942
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Tgt Ion:149 Resp: 750003
 Ion Ratio Lower Upper
 149 100
 91 71.4 51.9 77.9
 206 18.6 17.2 25.8





#81

Benzo(a)anthracene

Concen: 46.241 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

ClientSampleId :

PB125043BS

Tot Ion:228 Resp: 1492100

Ion Ratio Lower Upper

228 100

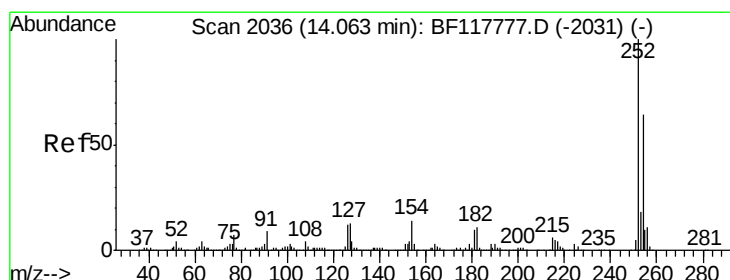
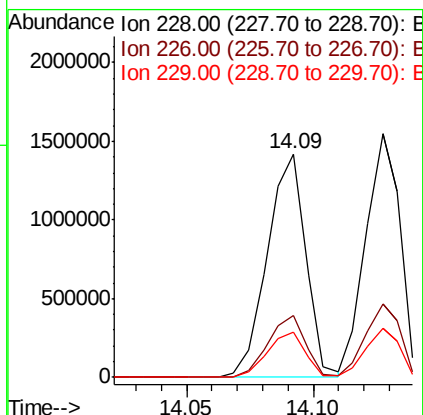
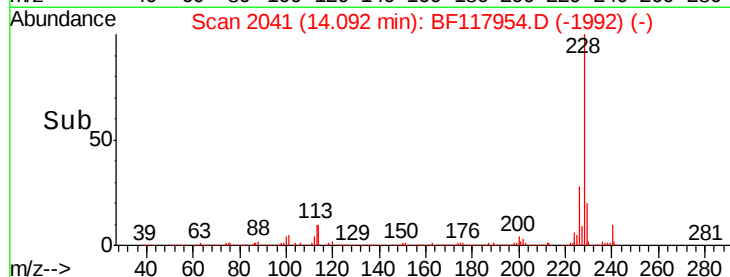
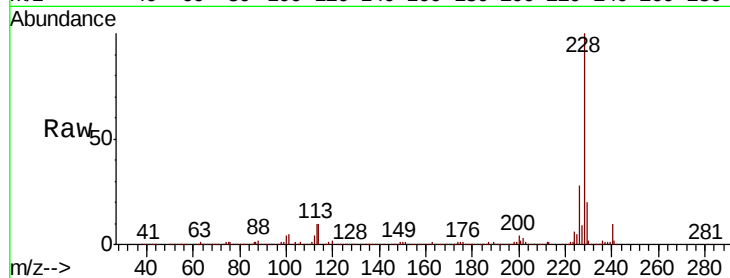
226 27.5 22.2 33.2

229 20.3 15.9 23.9

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#82

3,3'-Dichlorobenzidine

Concen: 0.756 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

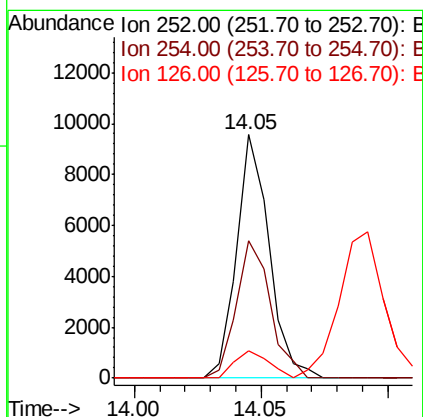
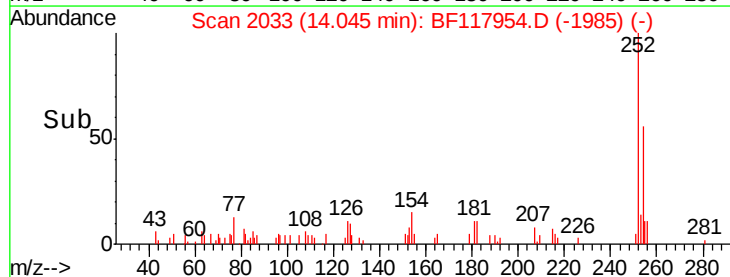
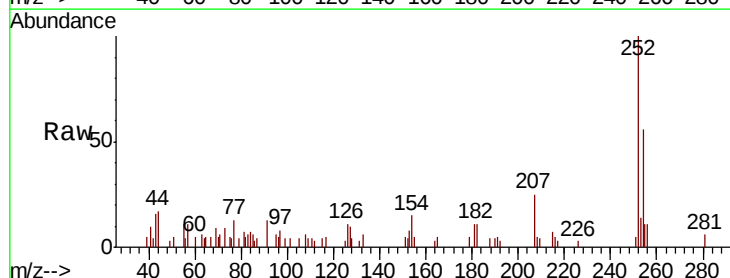
Tgt Ion:252 Resp: 8532

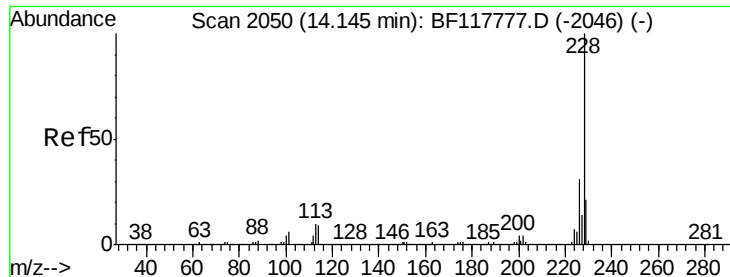
Ion Ratio Lower Upper

252 100

254 56.4 51.0 76.6

126 11.2 9.7 14.5





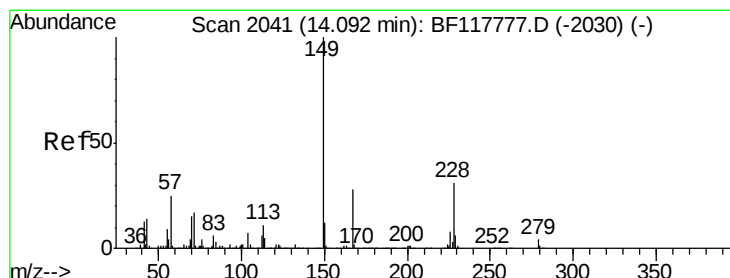
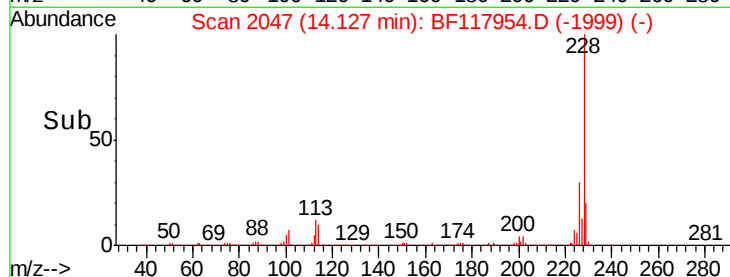
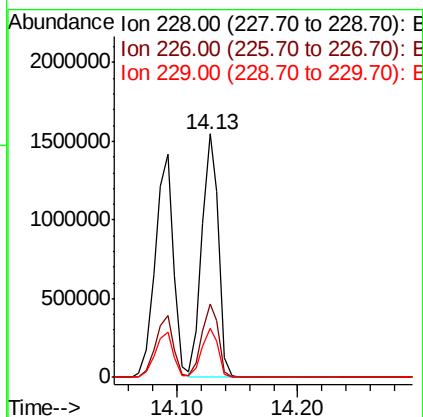
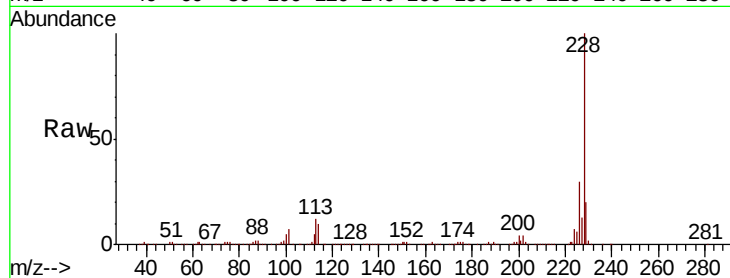
#83
 Chrvsene
 Concen: 46.888 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125043BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.4
229	20.3	16.6	25.0

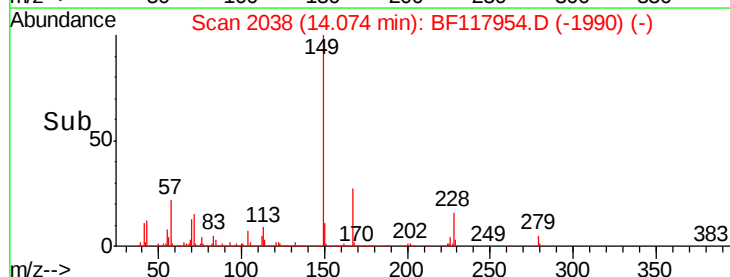
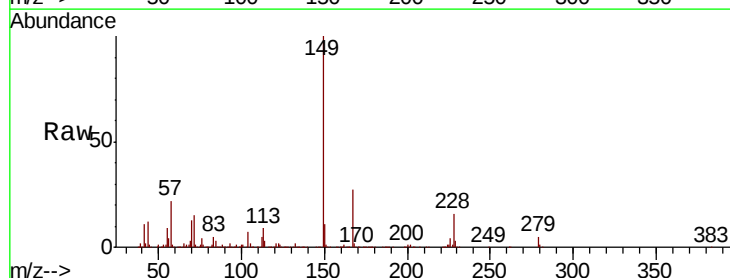
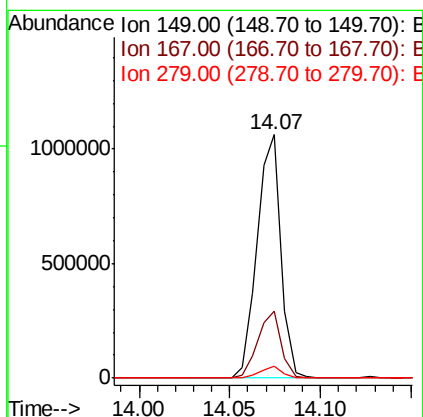
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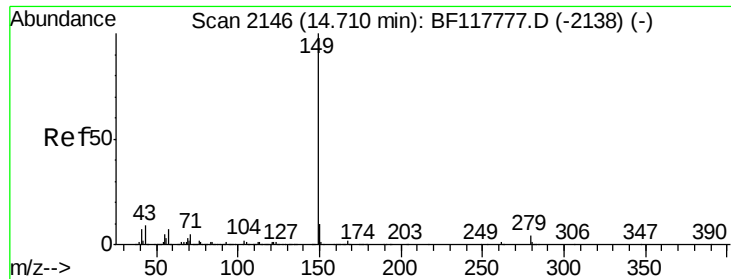
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.226 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.02 min
 Lab File: BF117954.D
 Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.2
279	4.7	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 58.308 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.02 min

Lab File: BF117954.D

Acq: 23 Nov 2019 14:13

Instrument :

BNA_F

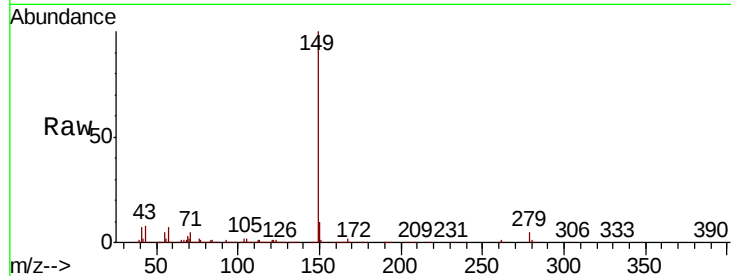
ClientSampleId :

PB125043BS

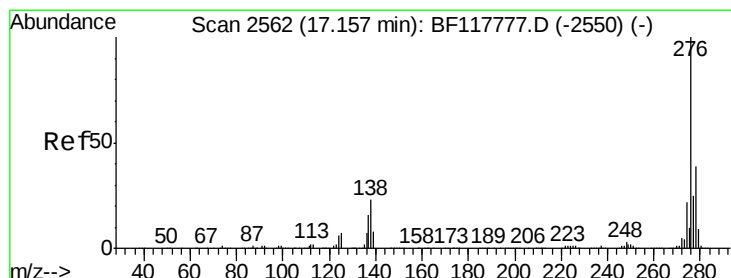
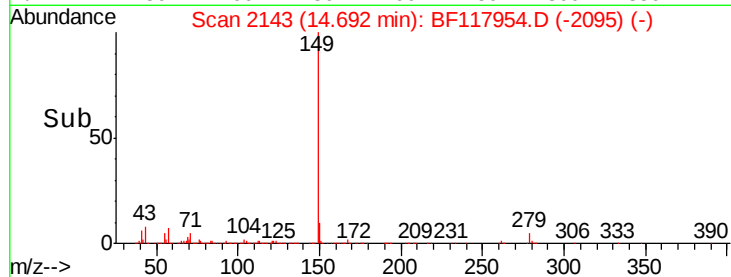
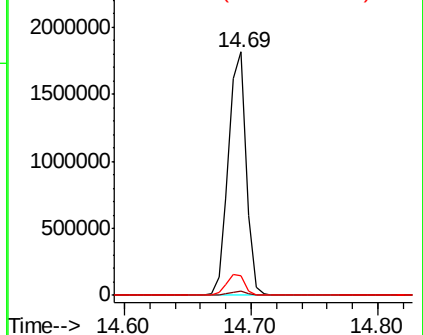
Tot Ion:	149	Resp:	1760204
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.6	7.4	11.2

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.955 ng

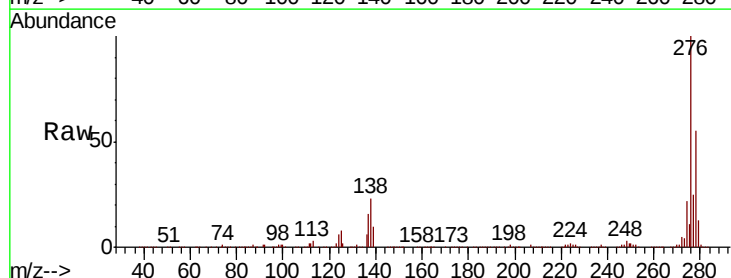
RT: 17.14 min Scan# 2559

Delta R.T. -0.02 min

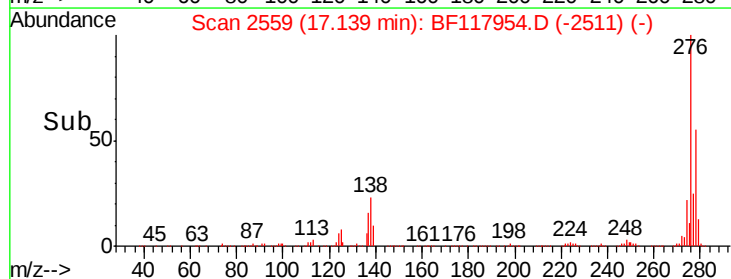
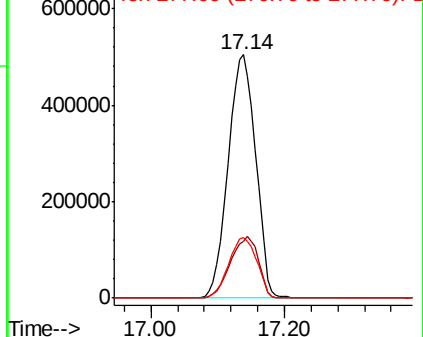
Lab File: BF117954.D

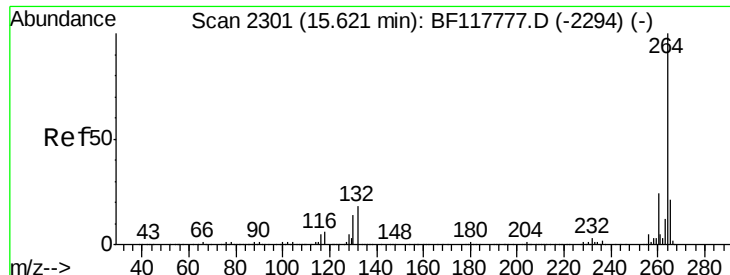
Acq: 23 Nov 2019 14:13

Tgt Ion:	276	Resp:	1462456
Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.9	31.3
277	25.6	20.3	30.5



Abundance Ion 276.00 (275.70 to 276.70): E
600000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





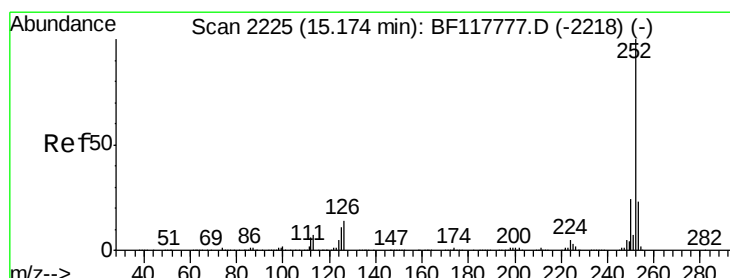
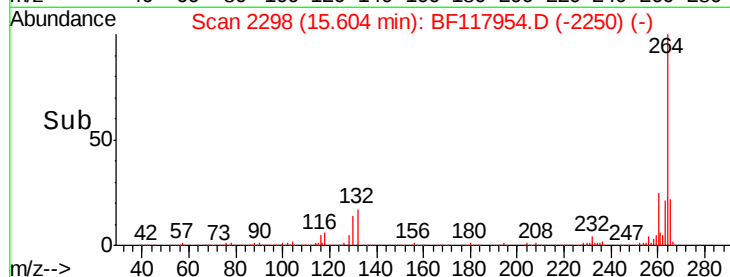
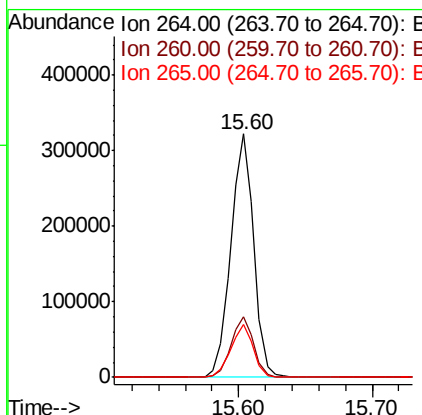
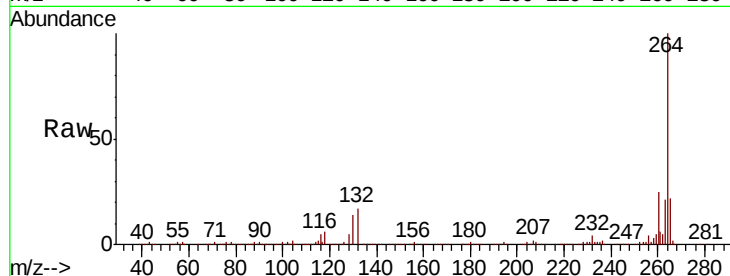
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	21.8	17.1	25.7

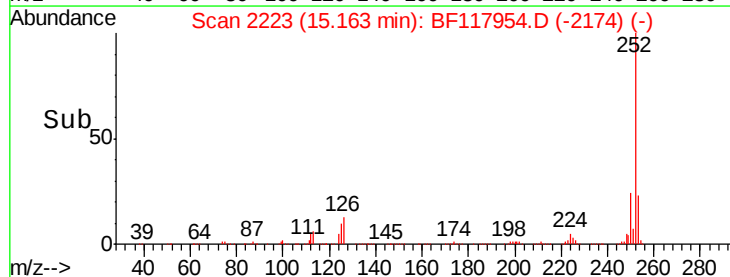
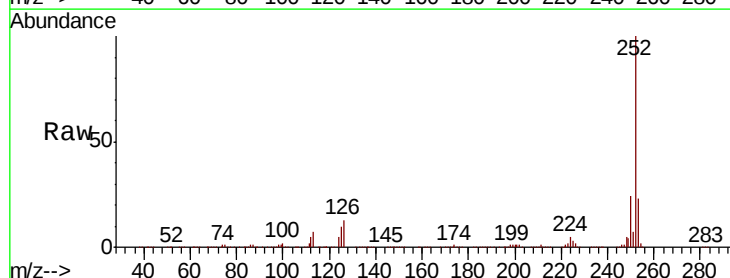
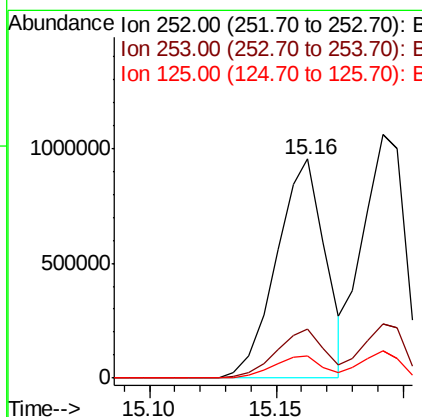
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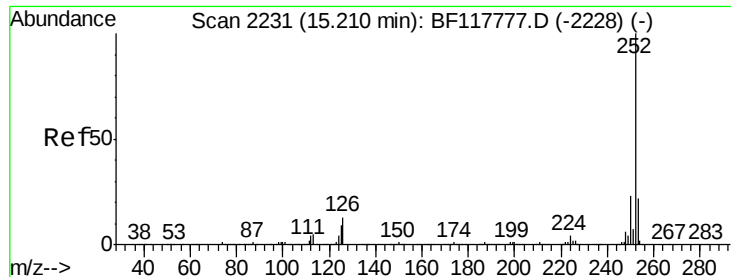
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#88
Benzo(b)fluoranthene
Concen: 50.905 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.1	8.6	13.0





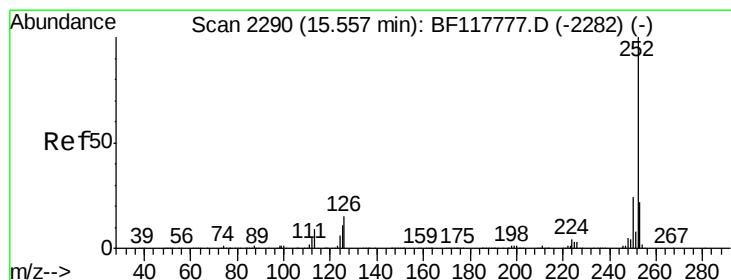
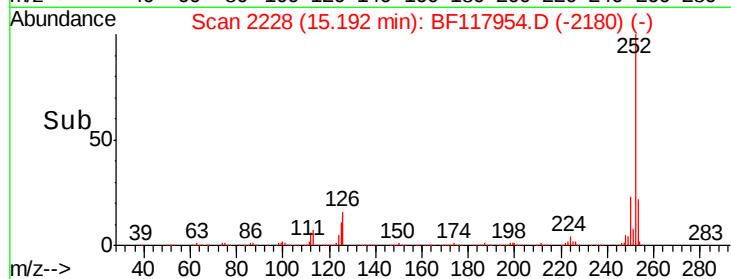
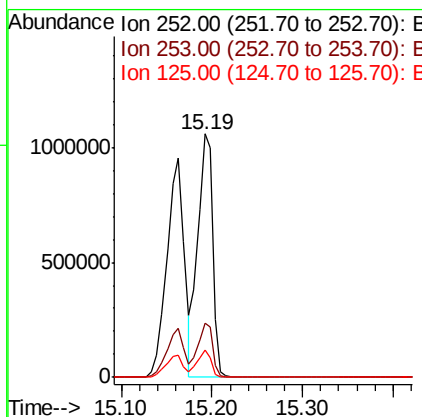
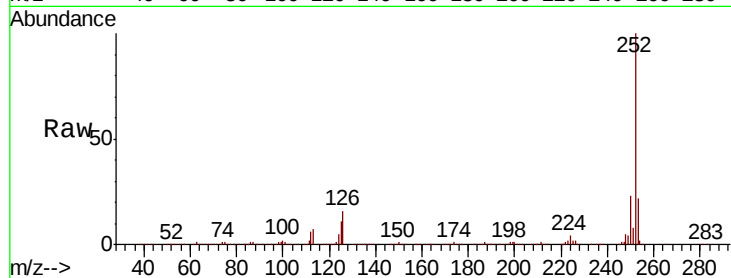
#89
Benzo(k)fluoranthene
Concen: 51.924 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	11.2	7.9	11.9

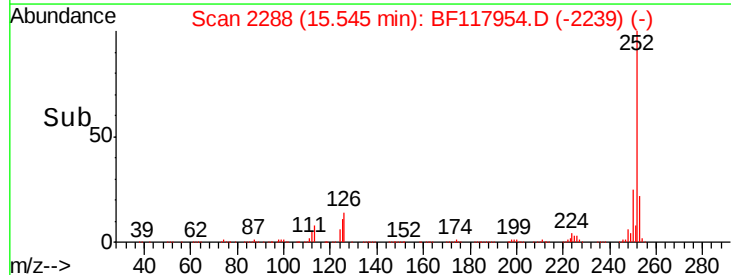
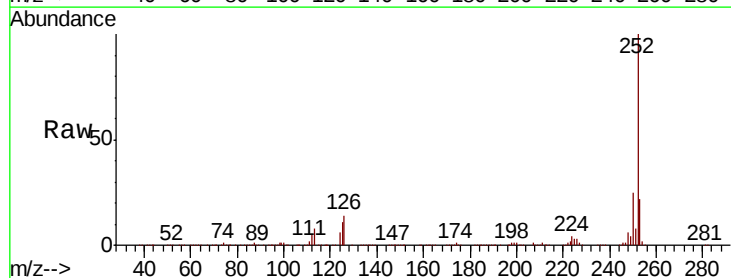
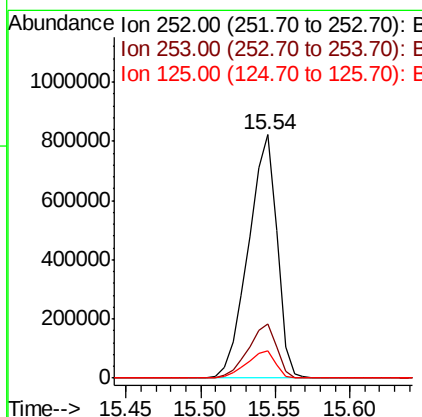
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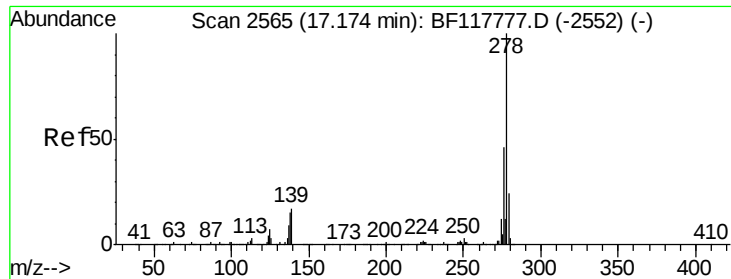
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#90
Benzo(a)pyrene
Concen: 49.496 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.0	9.2	13.8





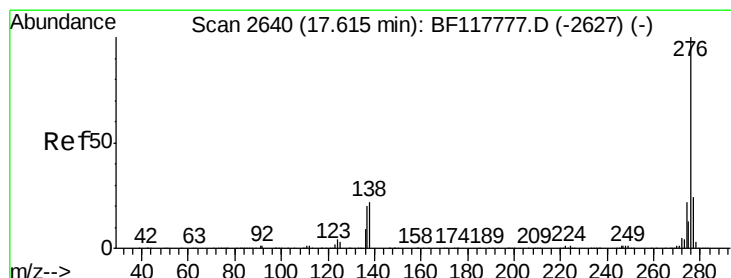
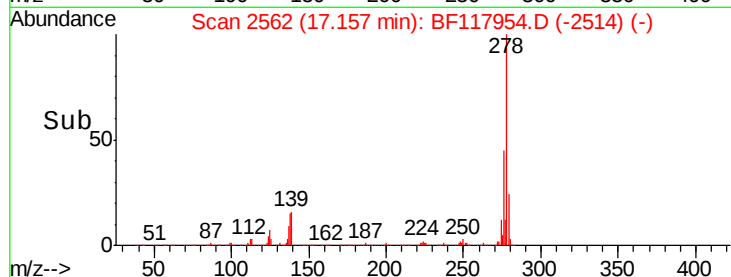
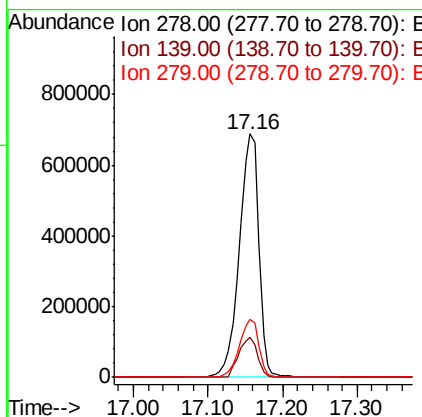
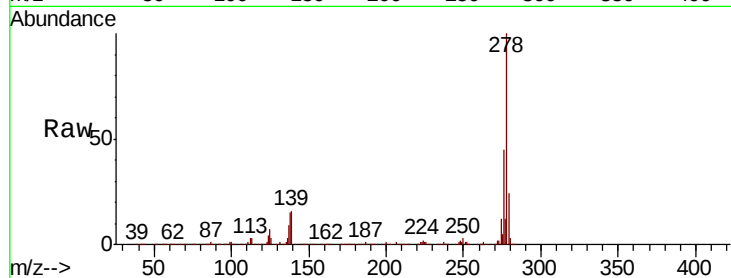
#91
Dibenzo(a,h)anthracene
Concen: 66.125 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.8	20.8
279	23.8	19.6	29.4

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#92
Benzo(g,h,i)perylene
Concen: 53.983 ng
RT: 17.60 min Scan# 2637
Delta R.T. -0.02 min
Lab File: BF117954.D
Acq: 23 Nov 2019 14:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	21.6	17.4	26.2

