

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118122.D
 Acq On : 7 Dec 2019 12:00
 Operator : JU
 Sample : PB125281BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125281BS

Manual Integrations
 APPROVED

mohammad
 12/10/2019 11:47:23 AM

Quant Time: Dec 09 06:31:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	181967	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	775625	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	409900	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	759320	20.00	ng	0.00
76) Chrysene-d12	14.06	240	527648	20.00	ng	0.00
87) Perylene-d12	15.55	264	320283	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1130904	108.85	ng	0.01
7) Phenol-d6	6.51	99	1382167	109.99	ng	0.01
23) Nitrobenzene-d5	7.43	82	722543	52.41	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	499603	100.33	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1480005	54.94	ng	0.00
79) Terphenyl-d14	13.00	244	1702119	55.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	110115	25.136	ng	97
3) Pyridine	3.47	79	254651	22.531	ng	100
4) n-Nitrosodimethylamine	3.41	42	169776	34.918	ng	95
6) Aniline	6.53	93	395002	24.573	ng	99
8) 2-Chlorophenol	6.66	128	468056	39.954	ng	97
9) Benzaldehyde	6.42	77	67094	5.499	ng	96
10) Phenol	6.52	94	544646	38.005	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	413657	39.910	ng	97
12) 1,3-Dichlorobenzene	6.81	146	446003	32.590	ng	98
13) 1,4-Dichlorobenzene	6.89	146	466110	33.824	ng	99
14) 1,2-Dichlorobenzene	7.04	146	449693	34.749	ng	97
15) Benzyl Alcohol	7.02	79	394110	40.177	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	459486	36.870	ng	98
17) 2-Methylphenol	7.13	107	369414	39.647	ng	98
18) Hexachloroethane	7.38	117	170546	33.587	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	295782	38.735	ng	99
20) 3+4-Methylphenols	7.28	107	461370	39.421	ng	92
22) Acetophenone	7.28	105	626148	33.602	ng	99
24) Nitrobenzene	7.46	77	463038	34.184	ng	97
25) Isophorone	7.70	82	826690	35.371	ng	100
26) 2-Nitrophenol	7.77	139	264573	36.543	ng	93
27) 2,4-Dimethylphenol	7.81	122	398435	41.258	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	507370	33.222	ng	99
29) 2,4-Dichlorophenol	8.02	162	393262	34.931	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	427370	32.482	ng	99
31) Naphthalene	8.18	128	1326442	34.052	ng	99
32) Benzoic acid	7.95	122	324877	37.258	ng	95
33) 4-Chloroaniline	8.23	127	345755	20.557	ng	98
34) Hexachlorobutadiene	8.29	225	250234	31.717	ng	99
35) Caprolactam	8.61	113	119151m	34.319	ng	
36) 4-Chloro-3-methylphenol	8.72	107	420615	35.502	ng	98
37) 2-Methylnaphthalene	8.87	142	918991	34.848	ng	99
38) 1-Methylnaphthalene	8.97	142	852453	34.426	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	405155	32.628	ng	99

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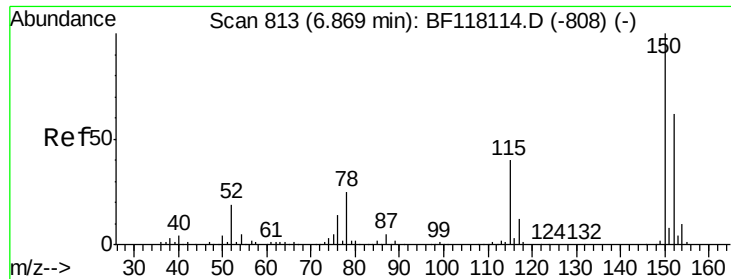
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 12/10/2019 11:47:23 AM

Quant Time: Dec 09 06:31:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	304603	54.750	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	288929	34.849	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	307410	35.788	ng	97
46) 1,1'-Biphenyl	9.34	154	1095217	33.878	ng	98
47) 2-Chloronaphthalene	9.36	162	856639	32.941	ng	98
48) 2-Nitroaniline	9.46	65	244848	33.016	ng	97
49) Acenaphthylene	9.78	152	1332305	34.735	ng	100
50) Dimethylphthalate	9.64	163	1018409	33.636	ng	98
51) 2,6-Dinitrotoluene	9.70	165	229782	34.902	ng	98
52) Acenaphthene	9.95	154	785225	33.541	ng	100
53) 3-Nitroaniline	9.87	138	179774	23.203	ng	99
54) 2,4-Dinitrophenol	9.99	184	249291	76.110	ng	94
55) Dibenzofuran	10.13	168	1185735	34.566	ng	100
56) 4-Nitrophenol	10.05	139	375905	69.911	ng	98
57) 2,4-Dinitrotoluene	10.11	165	310578	35.344	ng	97
58) Fluorene	10.47	166	931650	34.175	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	256104	36.139	ng	99
60) Diethylphthalate	10.34	149	1027977	34.461	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	464959	33.898	ng	95
62) 4-Nitroaniline	10.49	138	223186	27.620	ng	98
63) Azobenzene	10.62	77	876059	34.402	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	169911	40.519	ng	97
66) n-Nitrosodiphenylamine	10.58	169	823296	34.720	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	293787	33.894	ng	# 92
68) Hexachlorobenzene	11.02	284	338099	33.140	ng	96
69) Atrazine	11.11	200	250316	37.369	ng	98
70) Pentachlorophenol	11.22	266	378096	78.806	ng	99
71) Phenanthrene	11.44	178	1377823	34.134	ng	100
72) Anthracene	11.49	178	1418591	35.230	ng	100
73) Carbazole	11.65	167	1220283	33.777	ng	99
74) Di-n-butylphthalate	11.97	149	1588759	35.138	ng	99
75) Fluoranthene	12.63	202	1420449	34.419	ng	99
77) Benzidine	12.75	184	40995	2.951	ng	99
78) Pyrene	12.86	202	1424331	34.254	ng	100
80) Butylbenzylphthalate	13.47	149	653487	34.702	ng	98
81) Benzo(a)anthracene	14.05	228	1195704	32.772	ng	100
82) 3,3'-Dichlorobenzidine	14.01	252	351219	29.311	ng	98
83) Chrysene	14.09	228	1135818	32.590	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	875507	35.258	ng	98
85) Di-n-octyl phthalate	14.65	149	1301542	34.602	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	897165	30.594	ng	100
88) Benzo(b)fluoranthene	15.12	252	960691	45.353	ng	96
89) Benzo(k)fluoranthene	15.14	252	910623	44.750	ng	97
90) Benzo(a)pyrene	15.49	252	791034	42.283	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	768194	47.874	ng	99
92) Benzo(g,h,i)perylene	17.52	276	771928	50.062	ng	99

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



#1

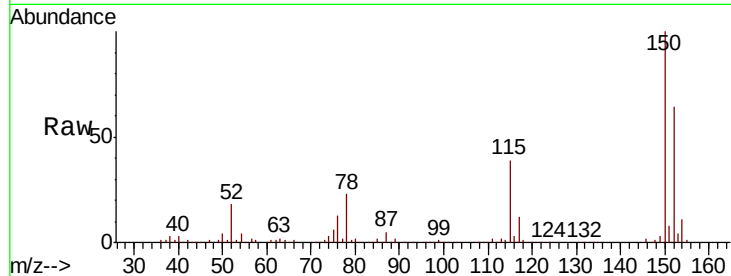
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	128.3	192.5
115	61.2	51.1	76.7

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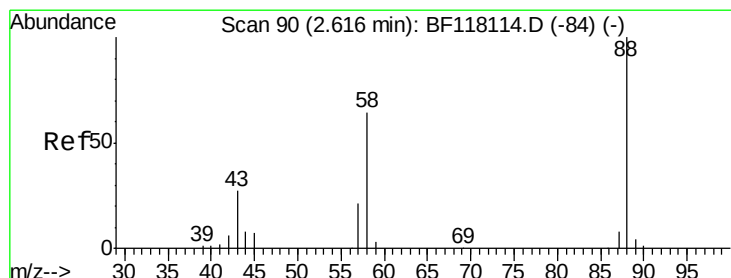
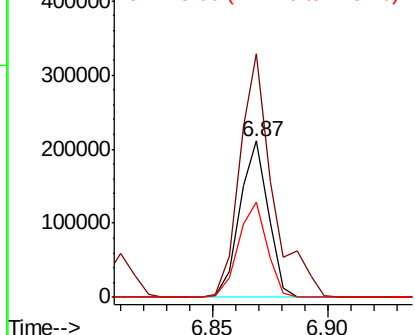
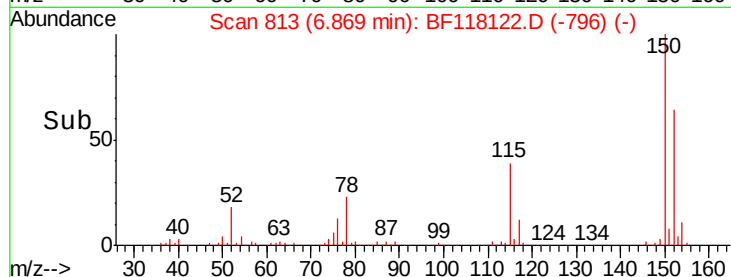


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

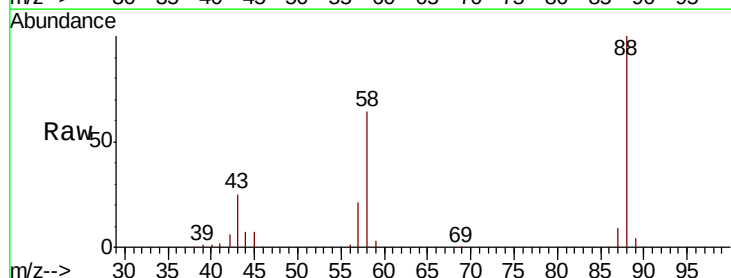
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.136 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.09 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.7	52.2	78.4
43	29.6	21.4	32.2

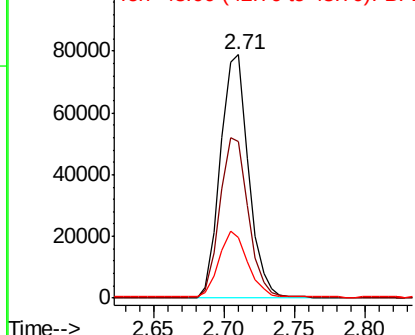
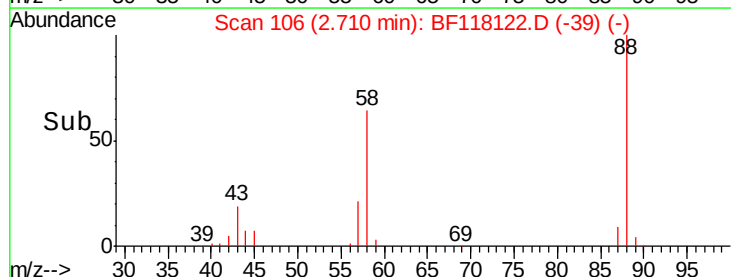


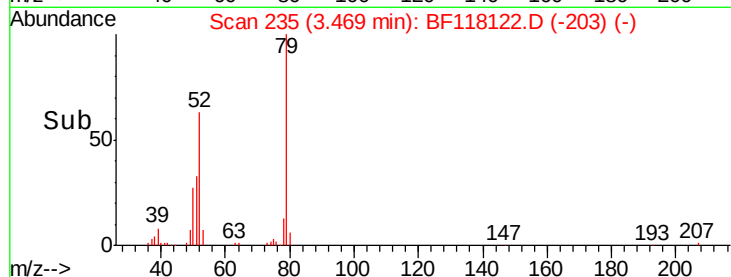
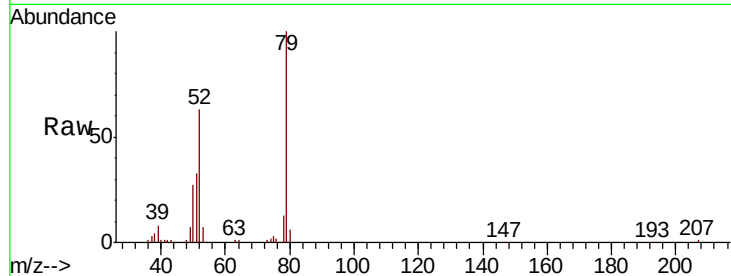
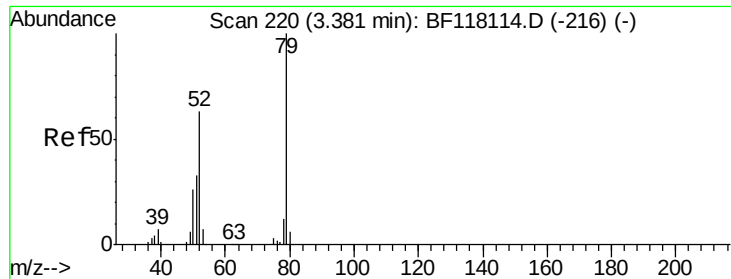
Abundance

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





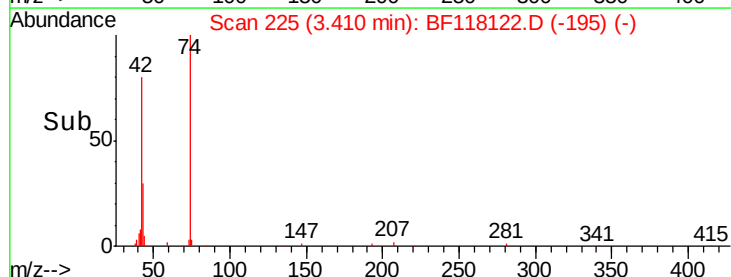
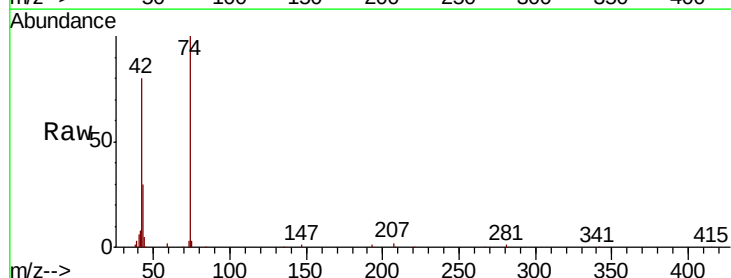
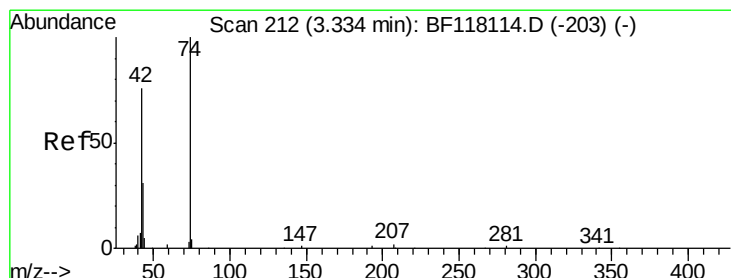
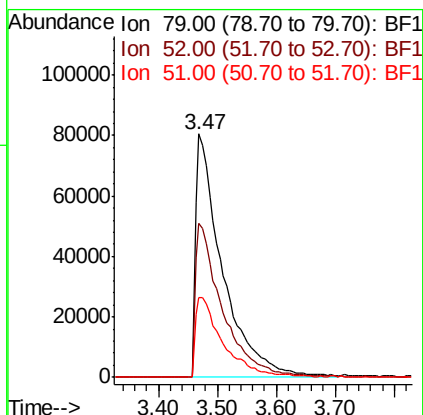
#3
Pvridine
Concen: 22.531 ng
RT: 3.47 min Scan# 235
Delta R.T. 0.09 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	63.2	50.7	76.1	
51	32.9	26.4	39.6	

Instrument :
BNA_F
ClientSampleId :
PB125281BS

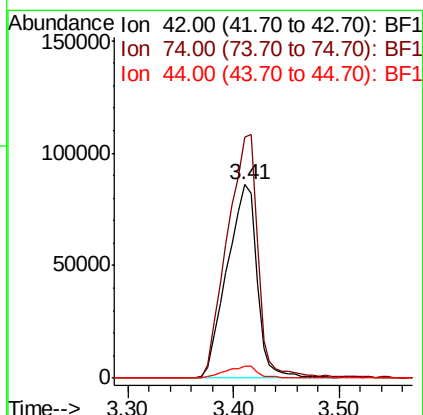
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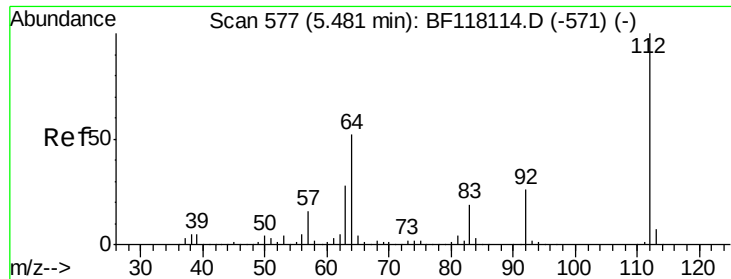
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#4
n-Nitrosodimethylamine
Concen: 34.918 ng
RT: 3.41 min Scan# 225
Delta R.T. 0.08 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	124.8	104.6	157.0	
44	6.0	5.1	7.7	





#5

2-Fluorophenol

Concen: 108.852 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

PB125281BS

Tot Ion: 112 Resp: 1130904

Ion Ratio Lower Upper

112 100

64 55.0 41.3 61.9

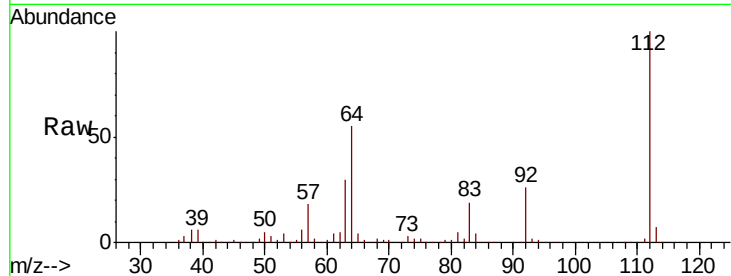
63 30.0 22.4 33.6

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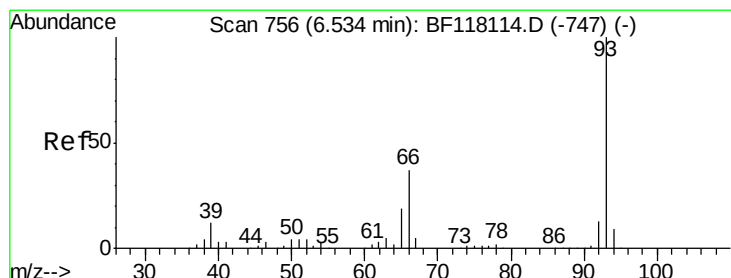
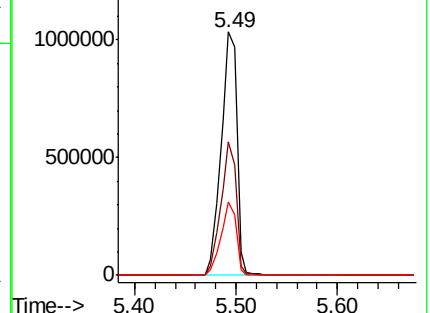
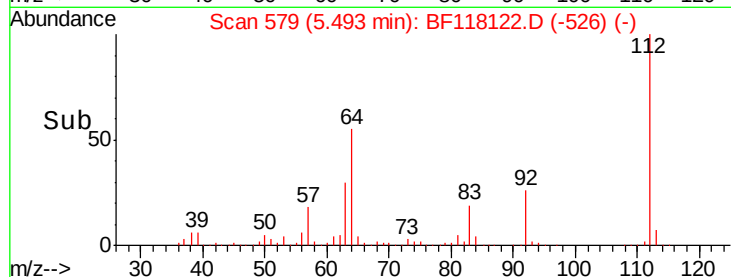
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.573 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

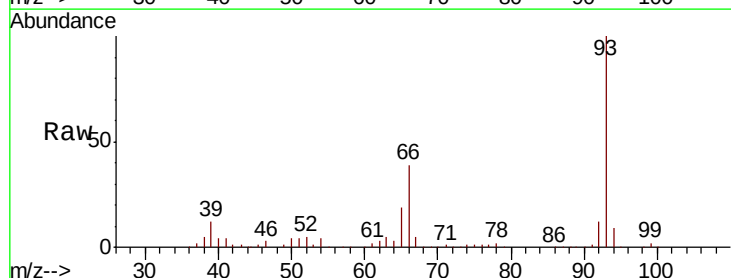
Tgt Ion: 93 Resp: 395002

Ion Ratio Lower Upper

93 100

66 38.6 30.2 45.2

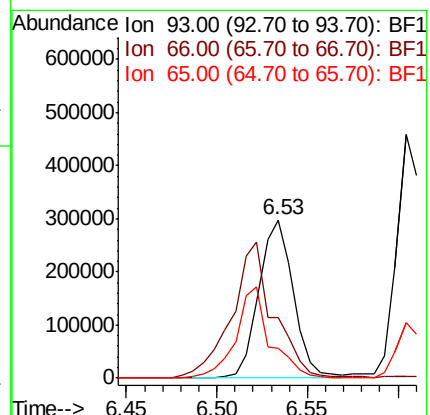
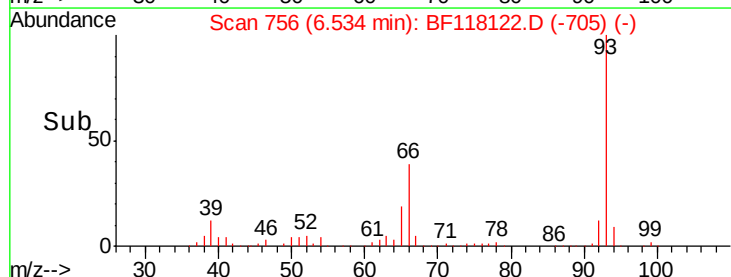
65 19.2 15.5 23.3

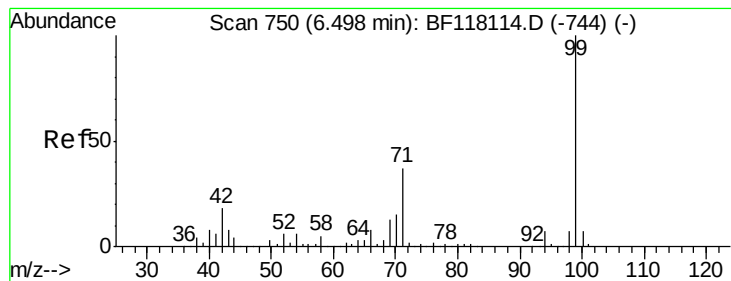


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.990 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

PB125281BS

Tot Ion: 99 Resp: 1382167

Ion Ratio Lower Upper

99 100

42 17.4 14.1 21.1

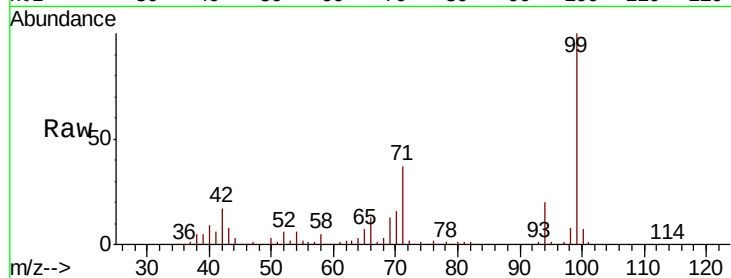
71 36.8 29.7 44.5

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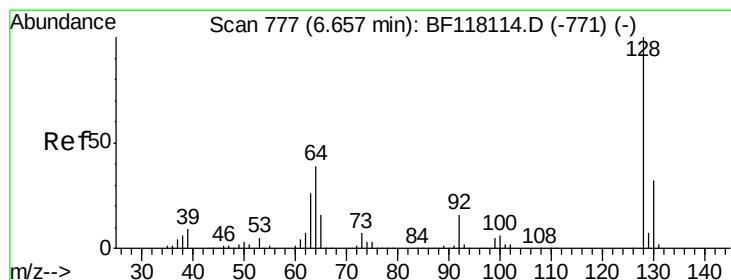
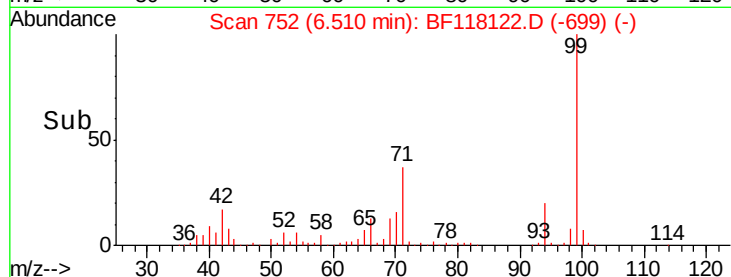
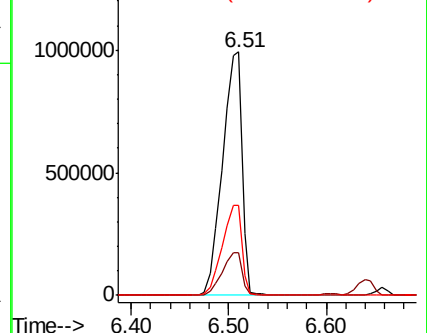
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.954 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

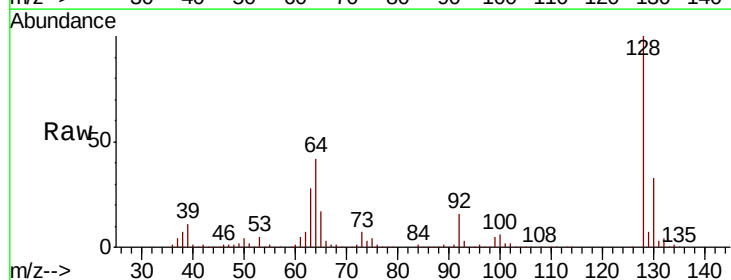
Tgt Ion:128 Resp: 468056

Ion Ratio Lower Upper

128 100

130 33.2 12.1 52.1

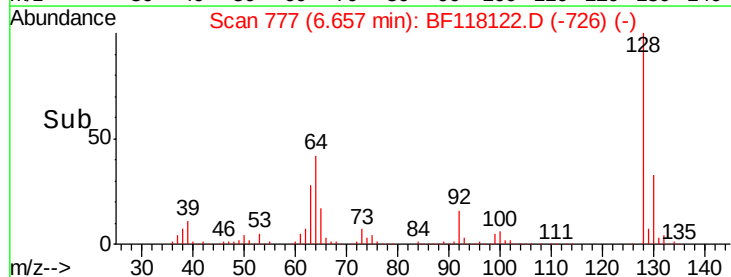
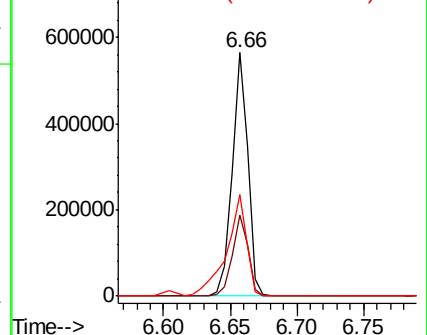
64 41.9 19.3 59.3

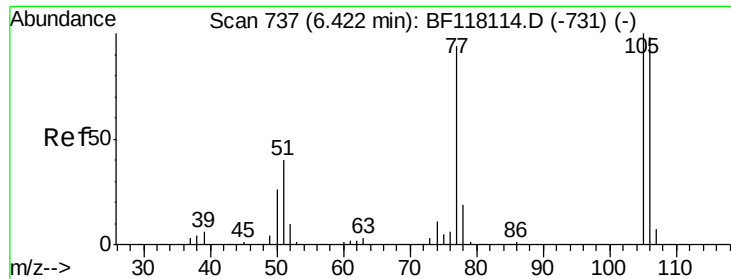


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 5.499 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

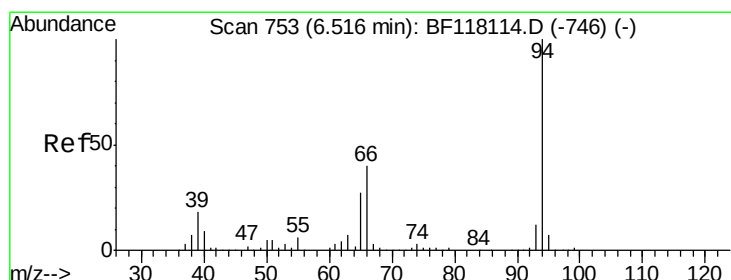
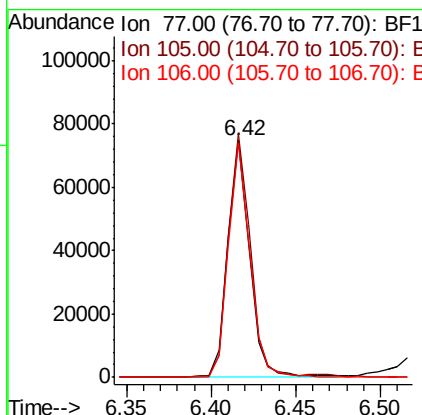
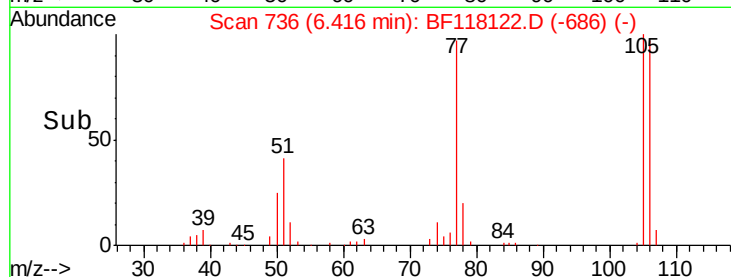
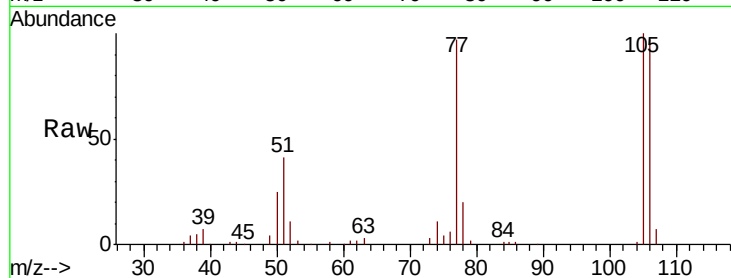
ClientSampleId :

PB125281BS

Tot Ion:	77	Resp:	67094
Ion	Ratio	Lower	Upper
77	100		
105	102.9	86.4	126.4
106	99.4	83.8	123.8

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#10

Phenol

Concen: 38.005 ng

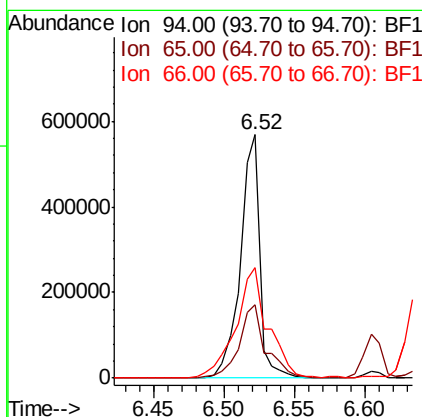
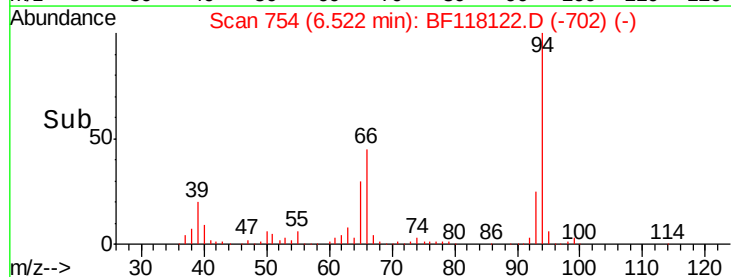
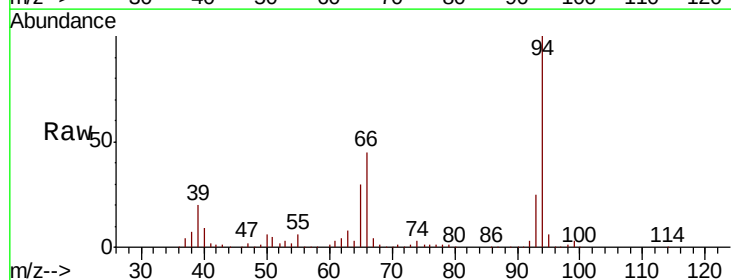
RT: 6.52 min Scan# 754

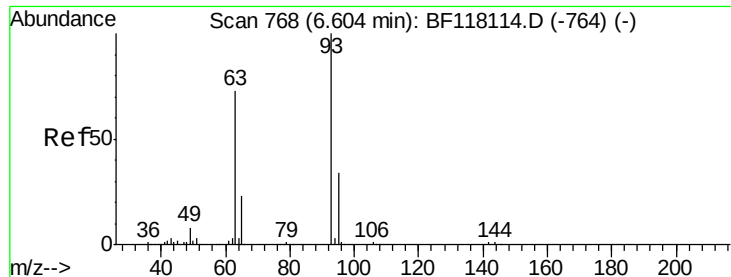
Delta R.T. 0.01 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Tgt Ion:	94	Resp:	544646
Ion	Ratio	Lower	Upper
94	100		
65	30.0	7.3	47.3
66	45.2	20.2	60.2





#11

bis(2-Chloroethyl)ether

Concen: 39.910 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

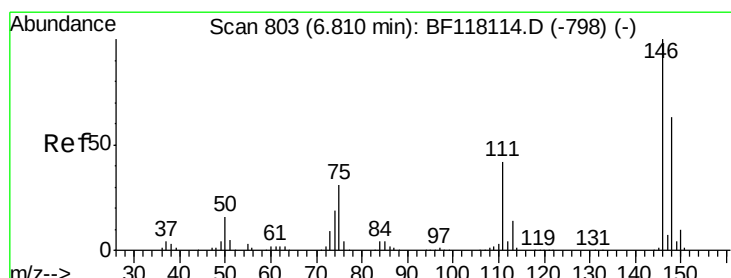
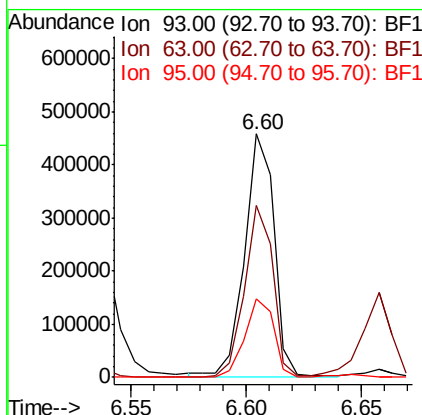
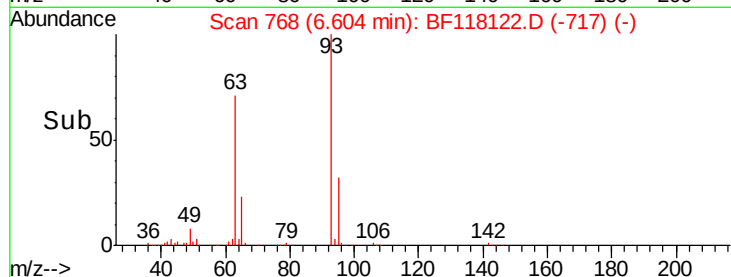
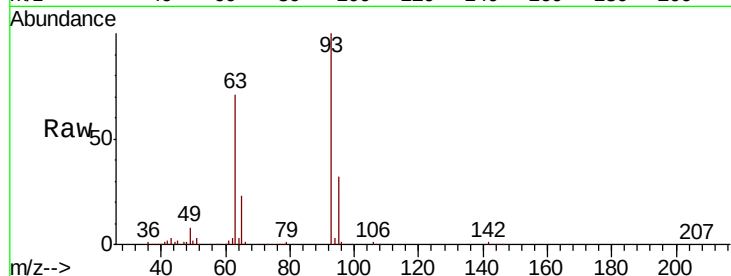
ClientSampleId :

PB125281BS

Tot Ion:	93	Resp:	413657
Ion	Ratio	Lower	Upper
93	100		
63	70.7	53.2	93.2
95	32.0	13.8	53.8

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#12

1,3-Dichlorobenzene

Concen: 32.590 ng

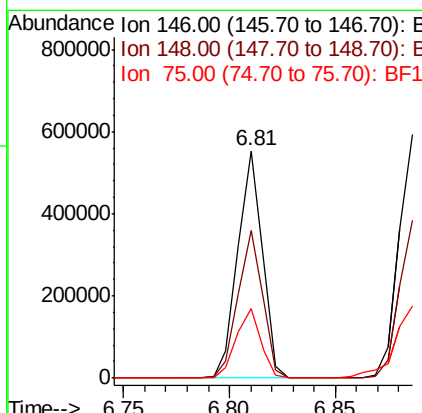
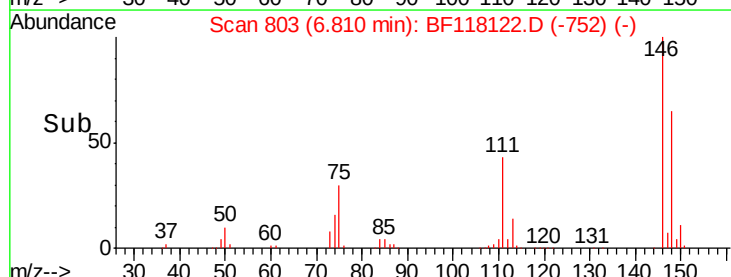
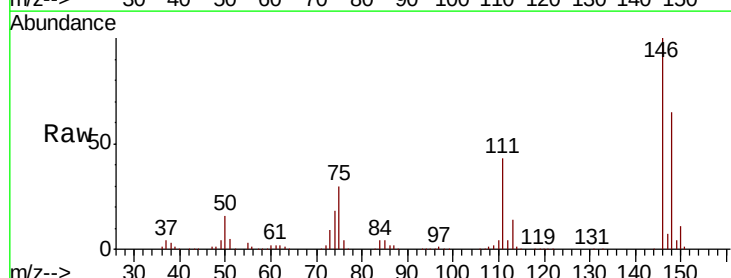
RT: 6.81 min Scan# 803

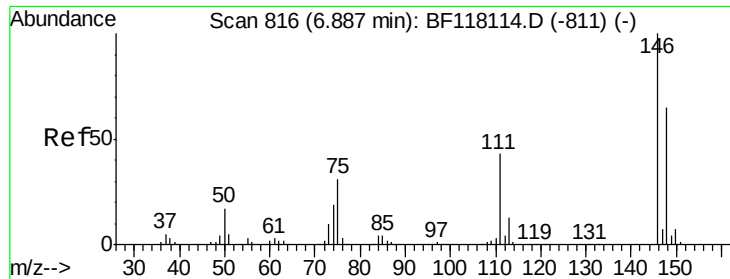
Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Tgt Ion:	146	Resp:	446003
Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.2	75.4
75	30.4	24.6	37.0





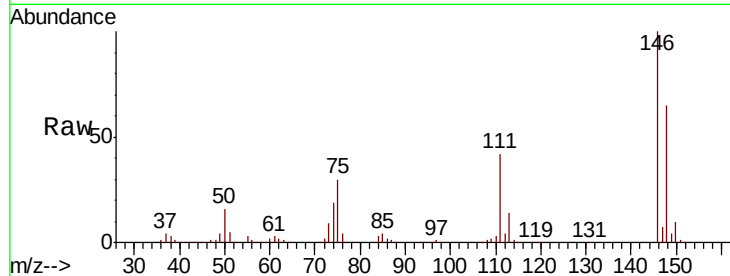
#13
1,4-Dichlorobenzene
Concen: 33.824 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
111	41.5	34.6	52.0

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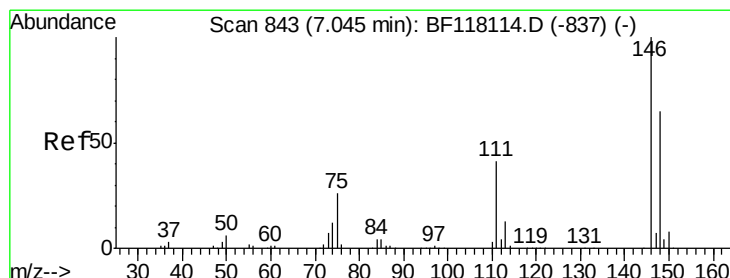
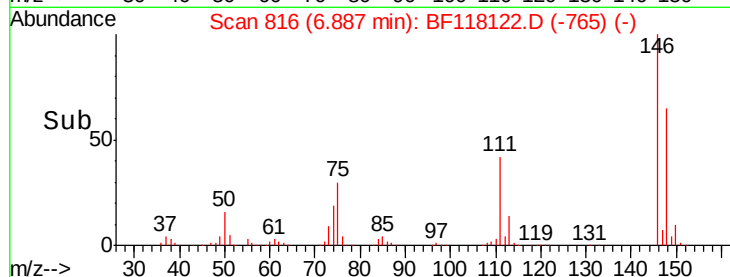
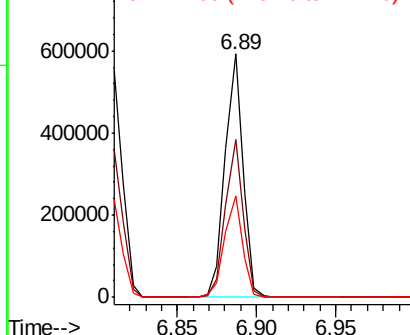


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 34.749 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

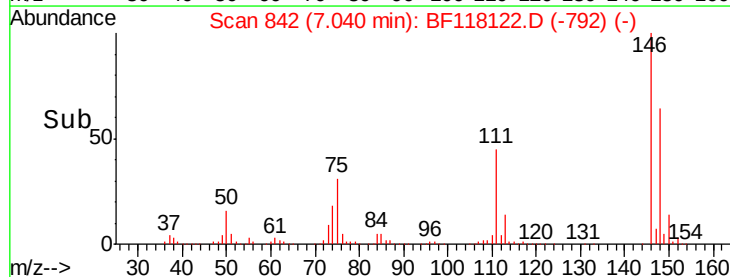
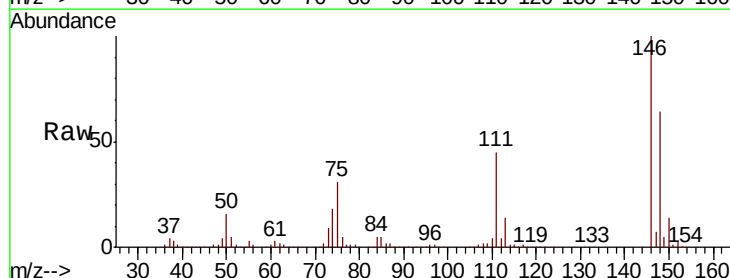
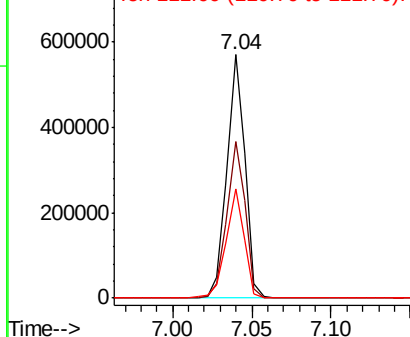
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	44.9	33.1	49.7

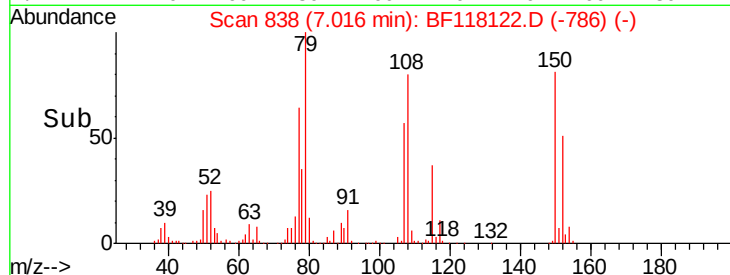
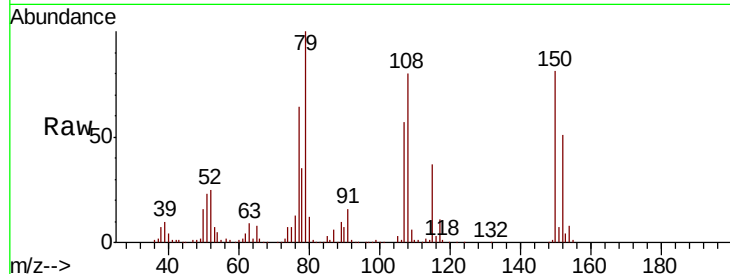
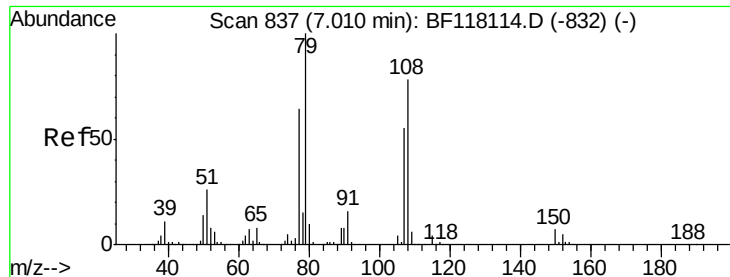
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





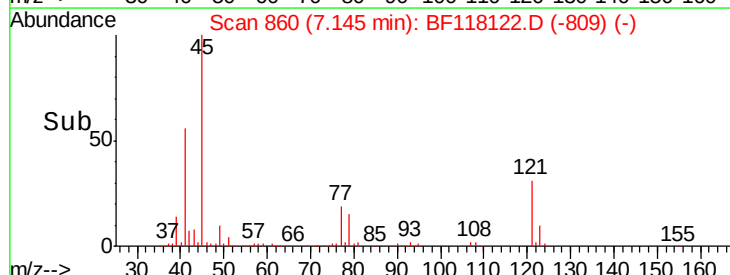
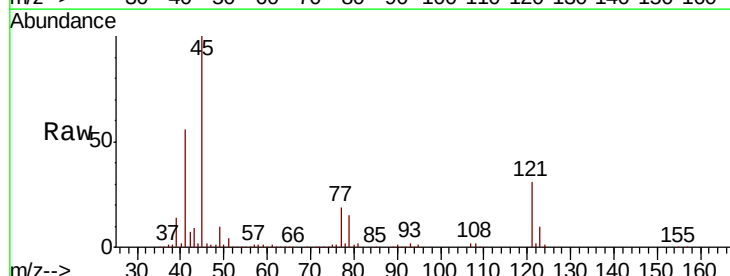
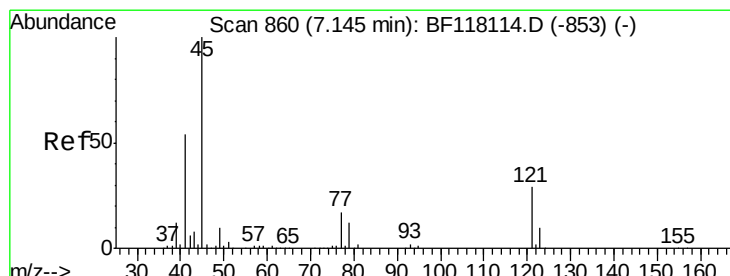
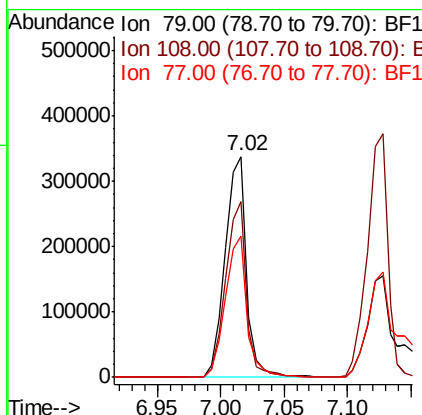
#15
Benzyl Alcohol
Concen: 40.177 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tot Ion	Ratio	Resp	Lower	Upper
79	100	394110		
108	79.5	62.7	94.1	
77	63.7	51.4	77.2	

Instrument :
BNA_F
ClientSampleId :
PB125281BS

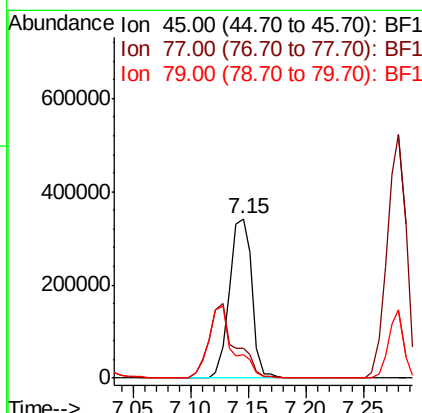
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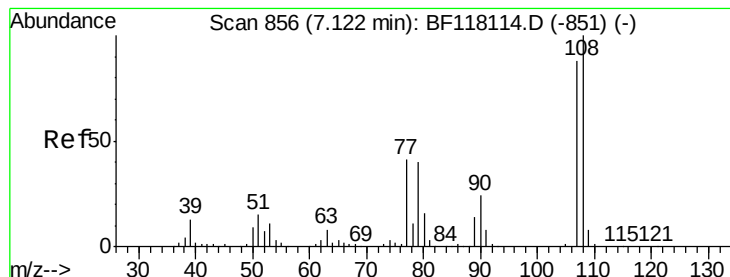
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.870 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	459486		
77	18.7	0.0	38.0	
79	14.6	0.0	33.2	





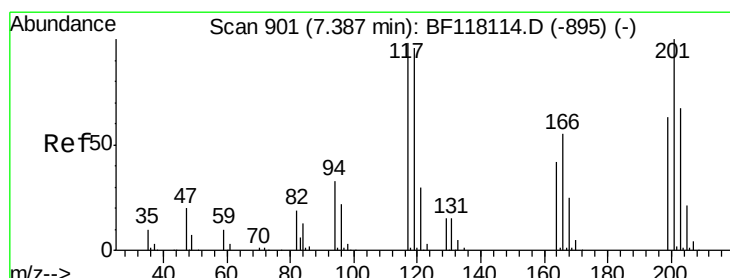
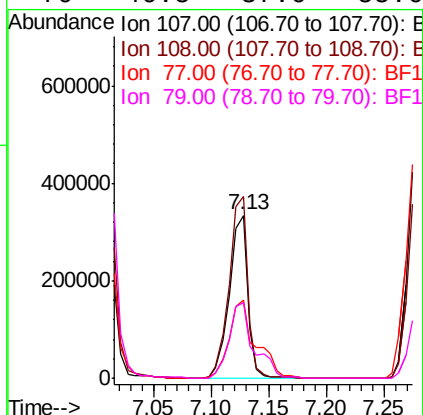
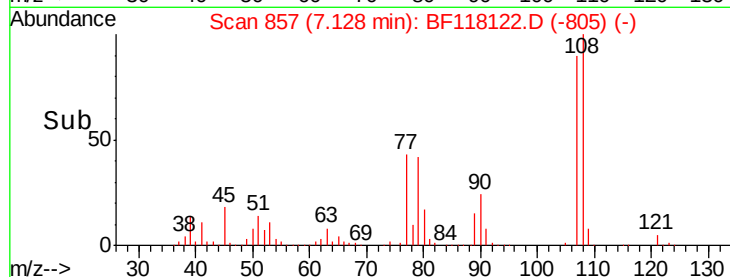
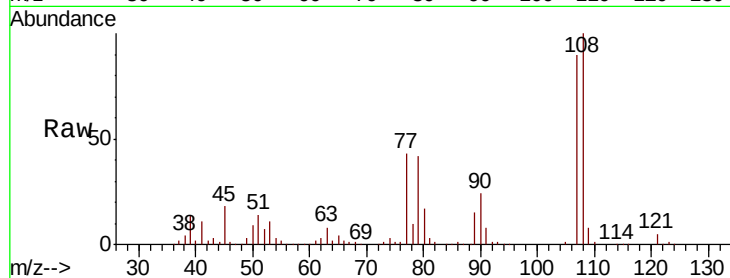
#17
2-Methylphenol
Concen: 39.647 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	91.1	136.7	
77	48.2	37.8	56.6	
79	46.5	37.0	55.6	

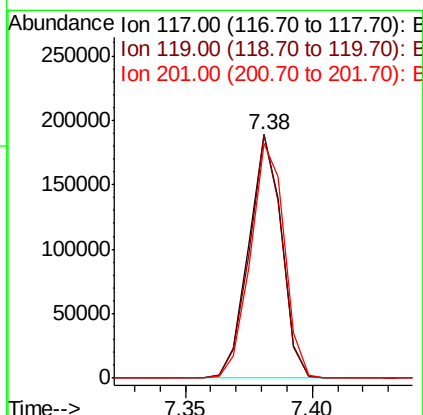
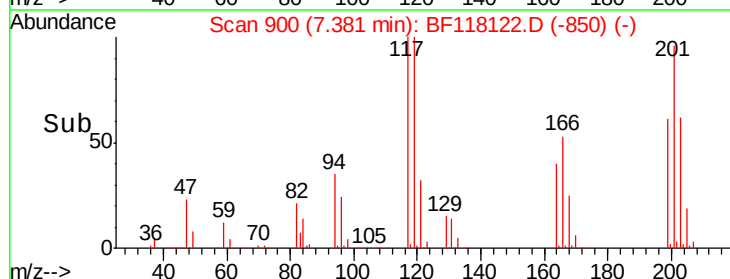
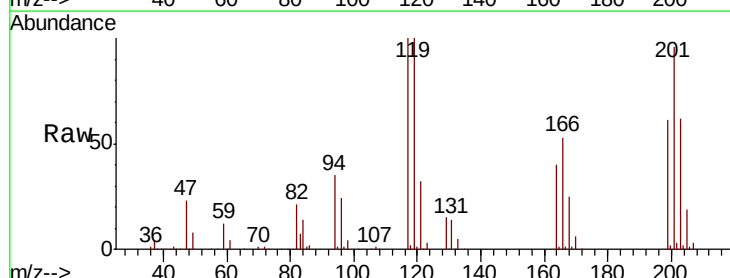
Manual Integrations
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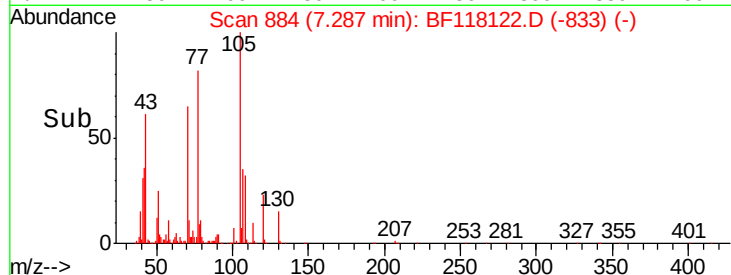
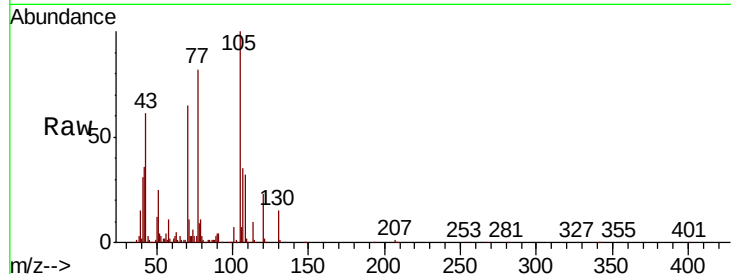
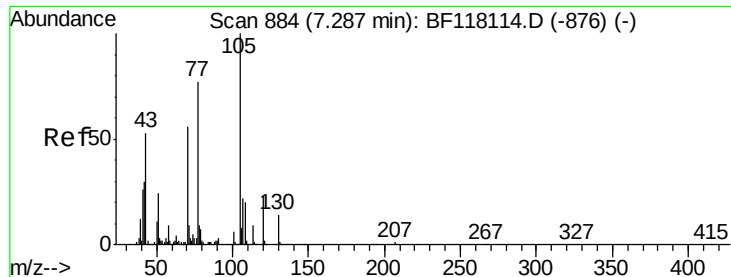
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#18
Hexachloroethane
Concen: 33.587 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.0	78.2	117.4	
201	96.4	81.6	122.4	





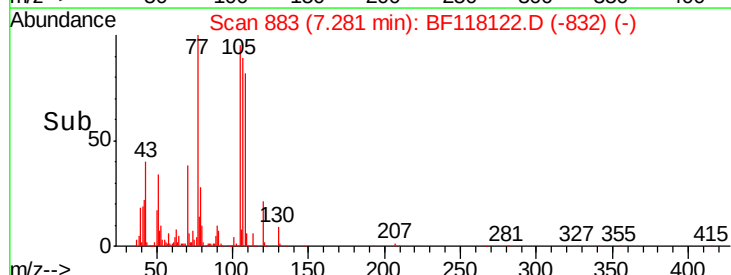
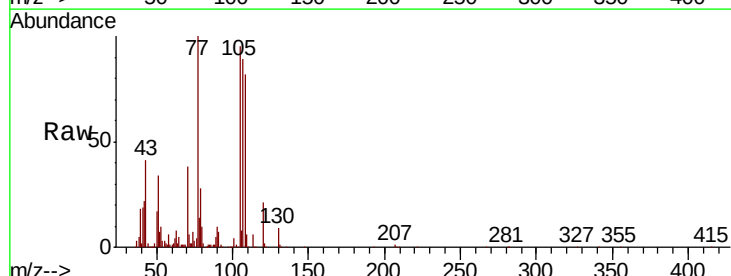
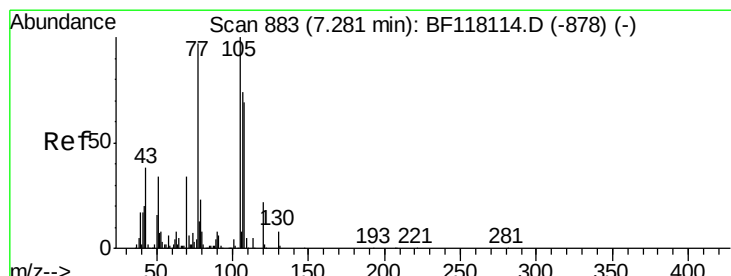
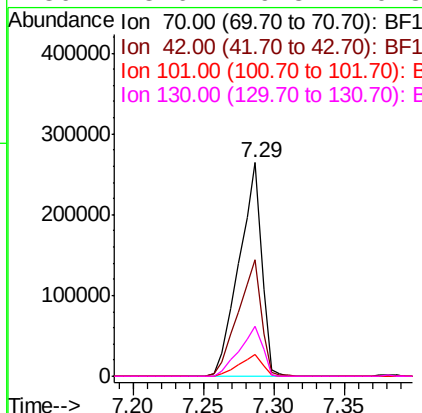
#19
n-Nitroso-di-n-propylamine
Concen: 38.735 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.5	43.2	64.8
101	10.1	8.1	12.1
130	23.6	19.8	29.8

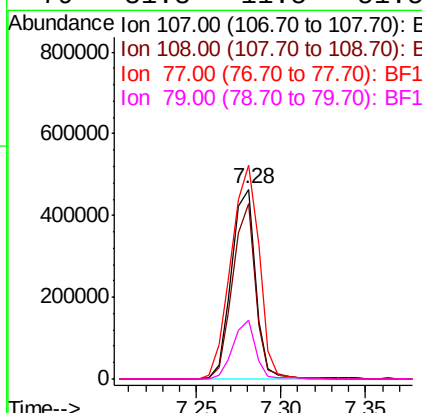
Manual Integrations
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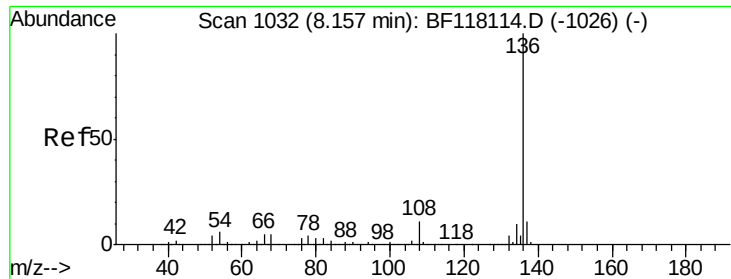
mohammad
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#20
3+4-Methylphenols
Concen: 39.421 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	73.2	113.2
77	112.5	110.9	150.9
79	31.3	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

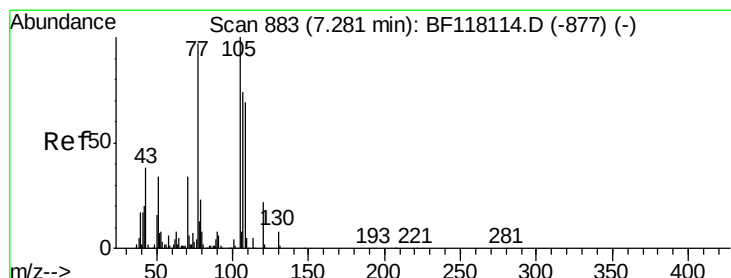
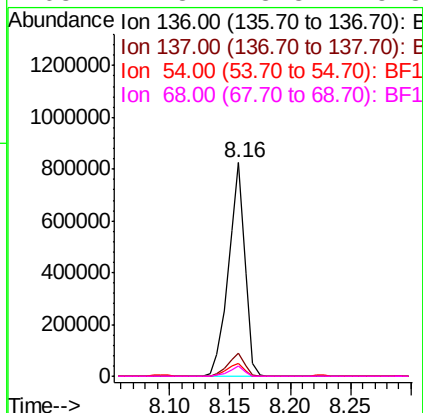
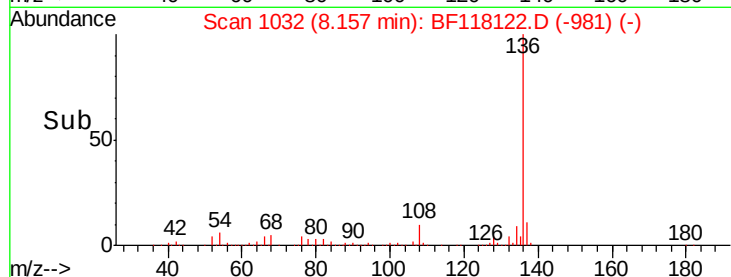
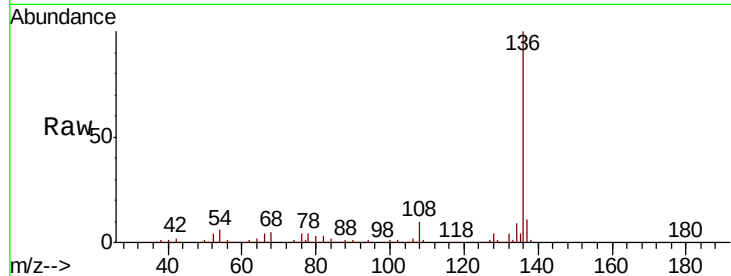
ClientSampleId :

PB125281BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	775625		
137	10.9		9.0	13.6
54	6.1		5.0	7.6
68	4.8		3.8	5.8

Manual Integrations
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#22

Acetophenone

Concen: 33.602 ng

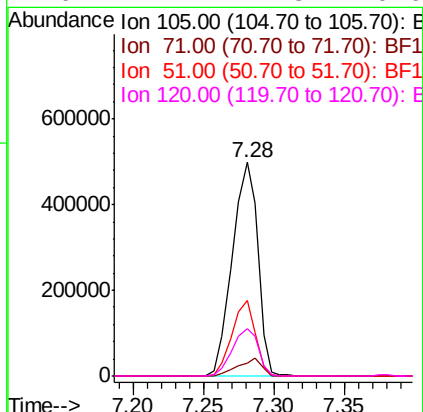
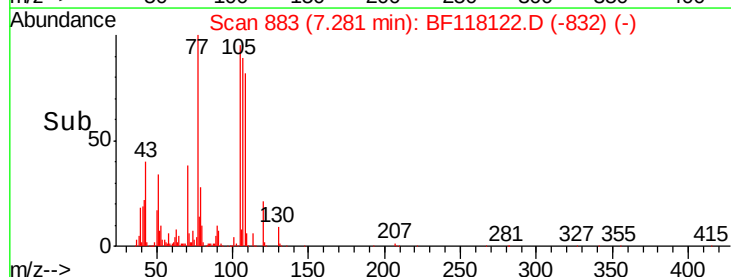
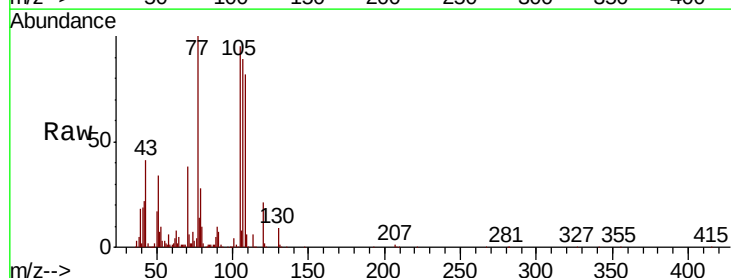
RT: 7.28 min Scan# 883

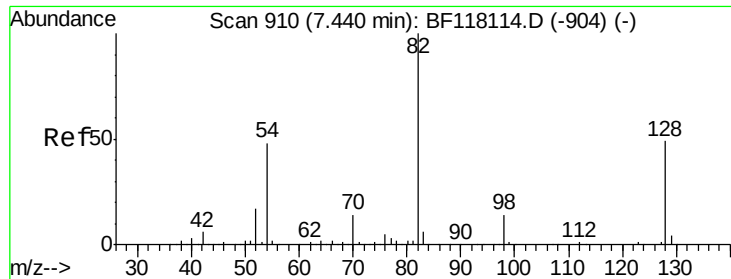
Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	626148		
71	6.3		4.7	7.1
51	35.2		27.1	40.7
120	22.1		17.8	26.6





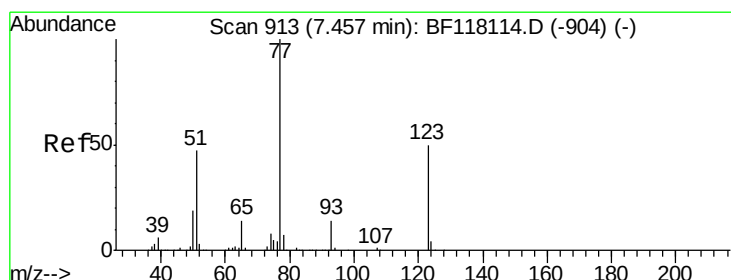
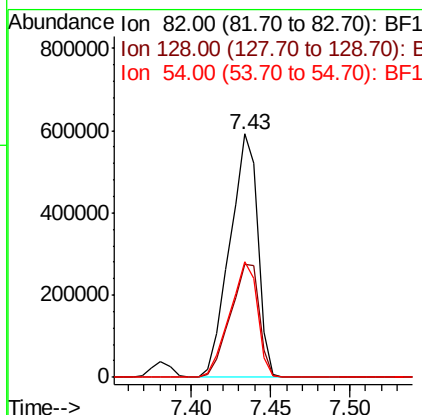
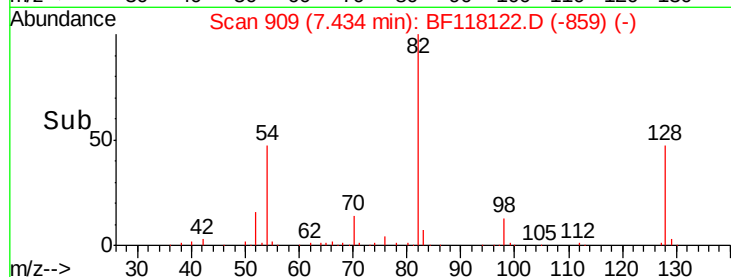
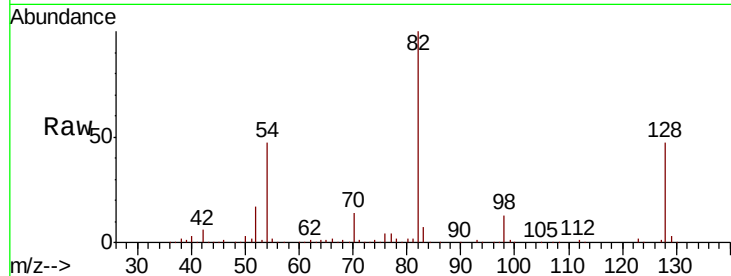
#23
Nitrobenzene-d5
Concen: 52.408 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	39.1	58.7
54	47.2	38.2	57.2

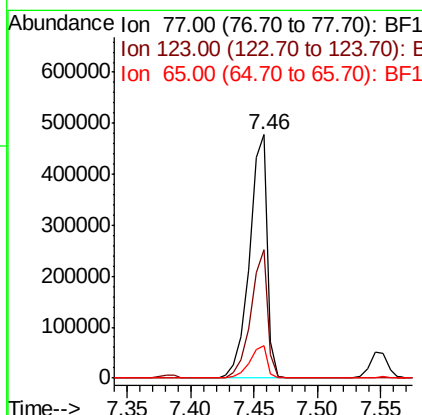
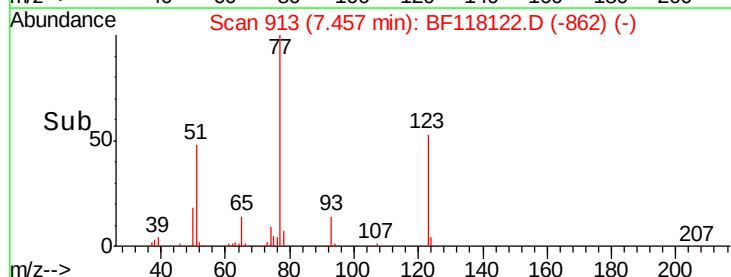
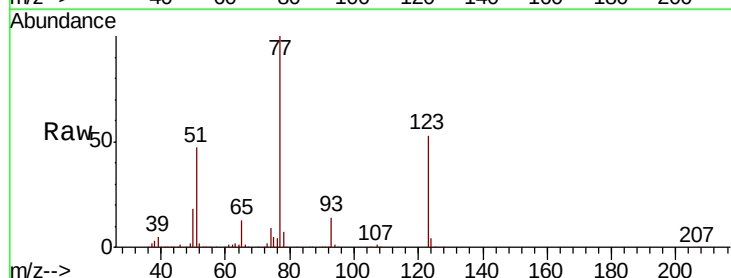
Manual Integrations
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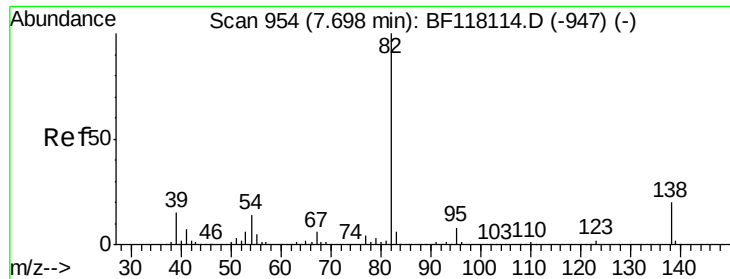
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#24
Nitrobenzene
Concen: 34.184 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.9	40.1	60.1
65	13.3	10.9	16.3





#25

Isophorone

Concen: 35.371 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

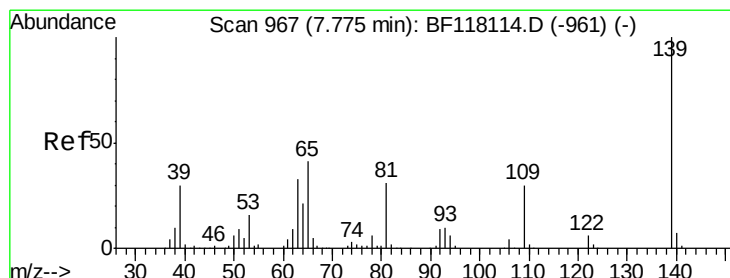
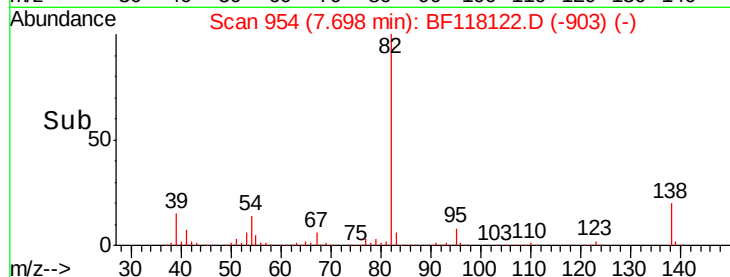
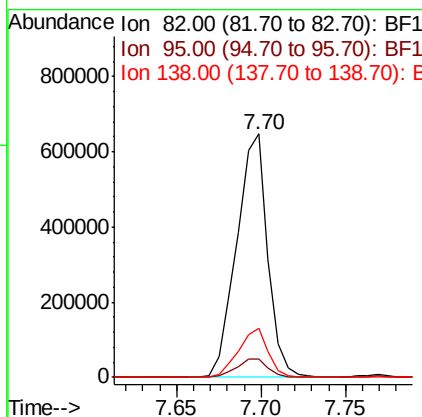
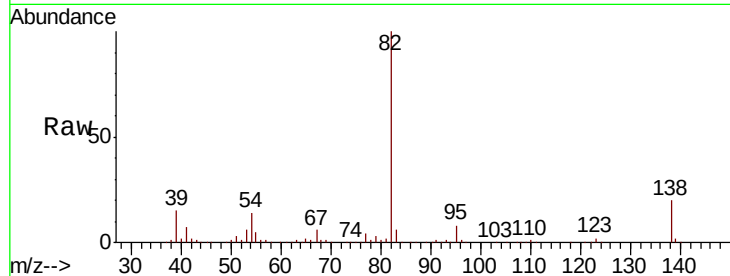
ClientSampleId :

PB125281BS

Tot Ion:	82	Resp:	826690
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.3	9.5
138	20.2	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.543 ng

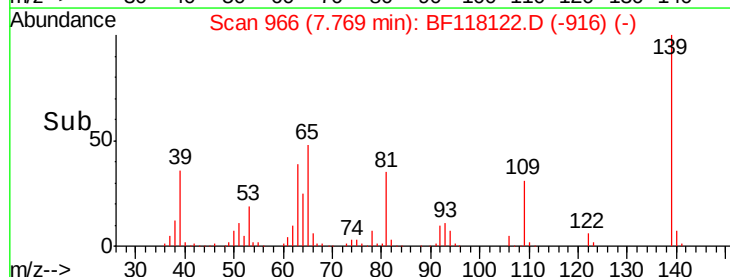
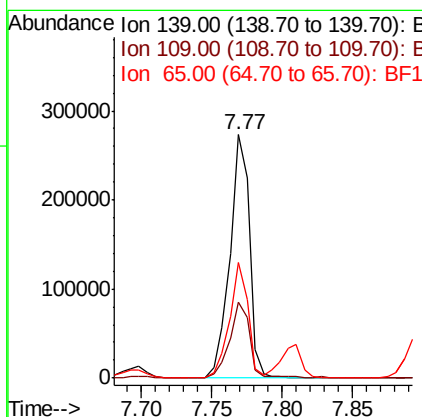
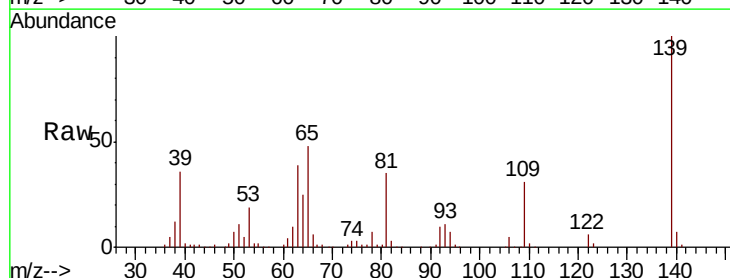
RT: 7.77 min Scan# 966

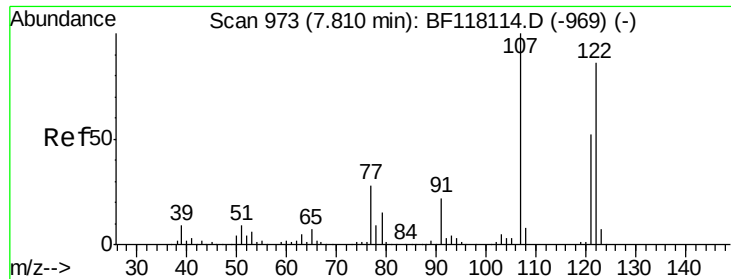
Delta R.T. -0.01 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Tgt Ion:	139	Resp:	264573
Ion Ratio	Lower	Upper	
139	100		
109	31.1	23.9	35.9
65	47.7	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 41.258 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

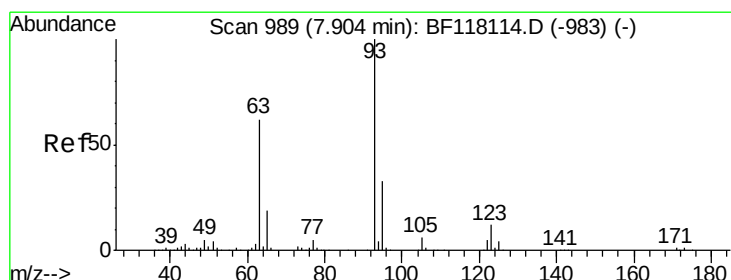
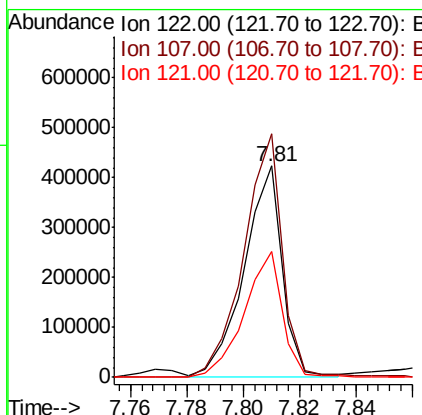
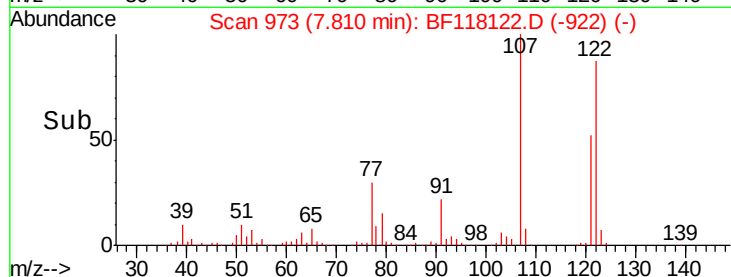
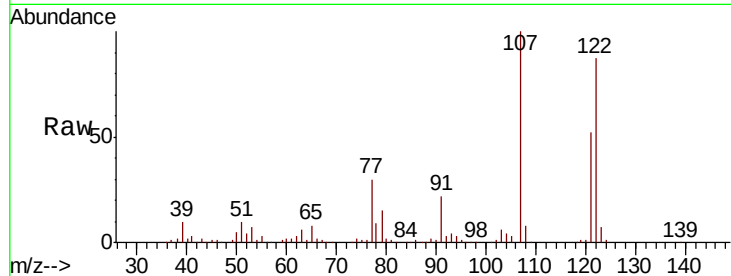
ClientSampleId :

PB125281BS

Tot Ion:	122	Resp:	398435
Ion Ratio	Lower	Upper	
122	100		
107	115.2	92.9	139.3
121	59.8	48.3	72.5

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#28

bis(2-Chloroethoxy)methane

Concen: 33.222 ng

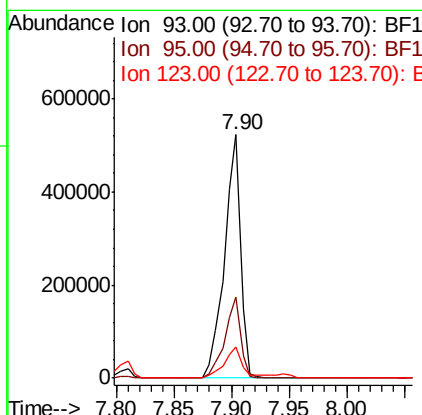
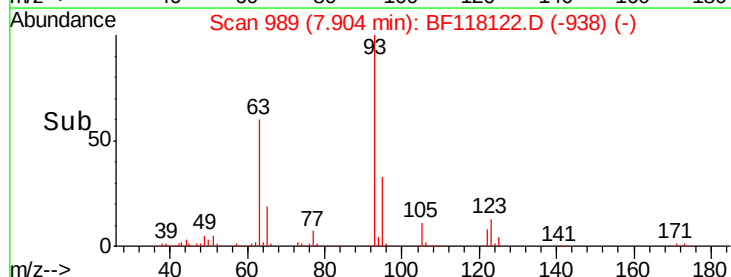
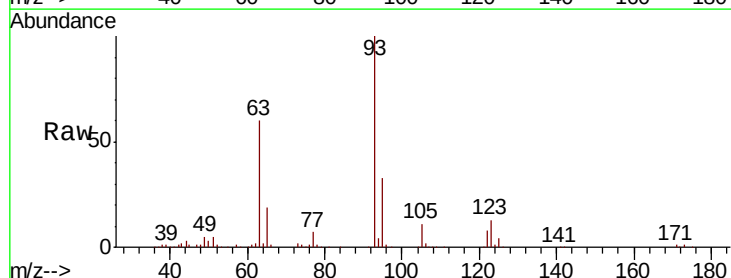
RT: 7.90 min Scan# 989

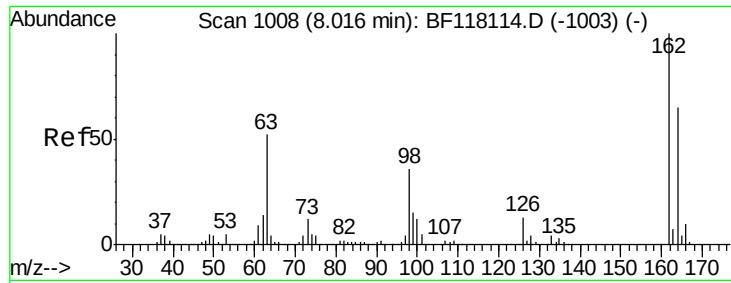
Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Tgt Ion:	93	Resp:	507370
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.7	40.1
123	12.7	10.0	15.0





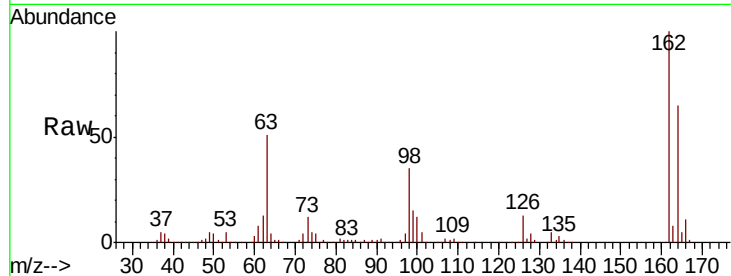
#29
2,4-Dichlorophenol
Concen: 34.931 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	393262		
164	65.1	45.2	85.2	
98	35.4	15.9	55.9	

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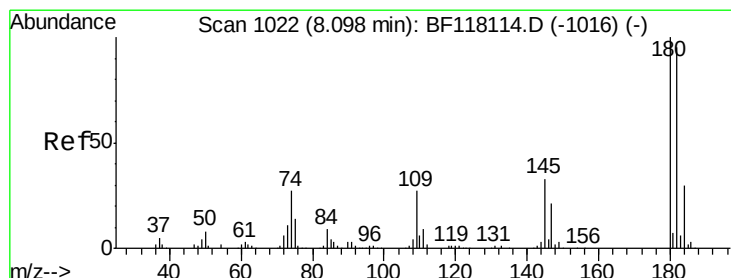
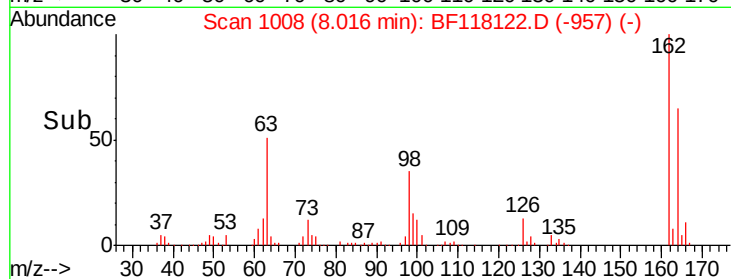
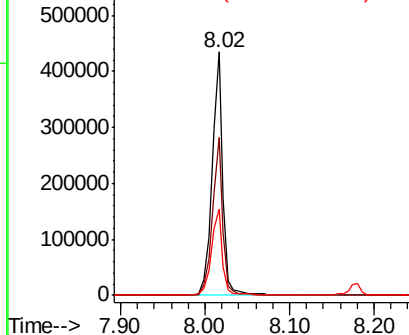


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 32.482 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

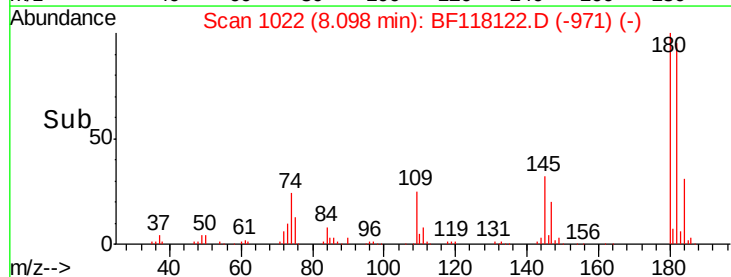
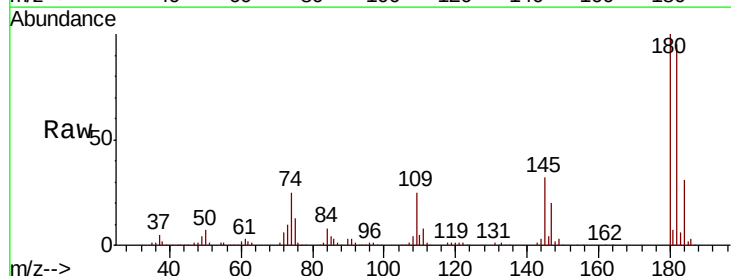
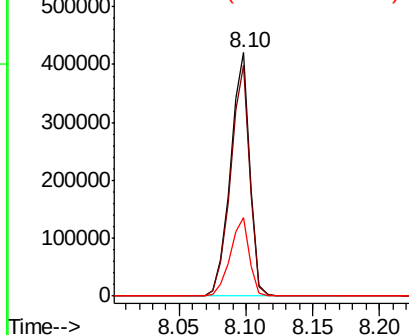
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	427370		
182	94.7	76.1	114.1	
145	32.0	26.1	39.1	

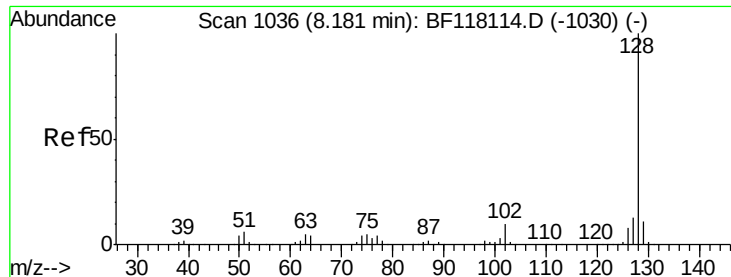
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





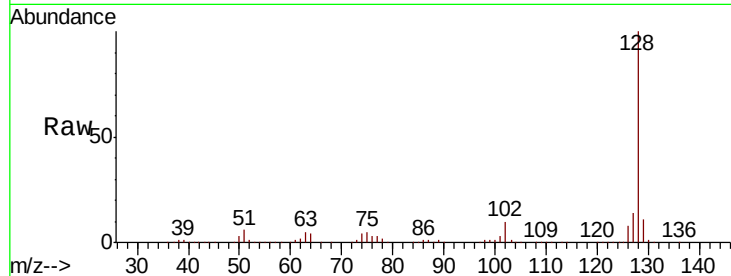
#31
Naphthalene
Concen: 34.052 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

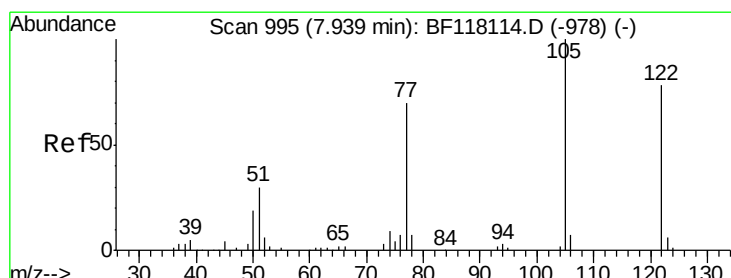
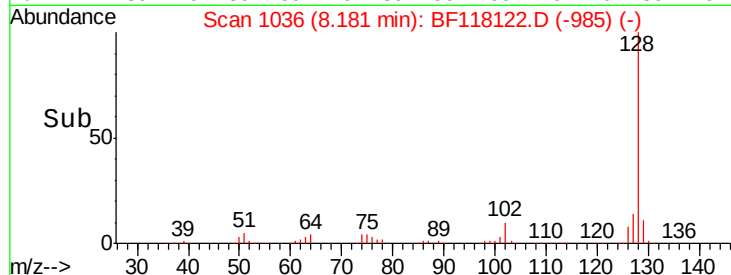
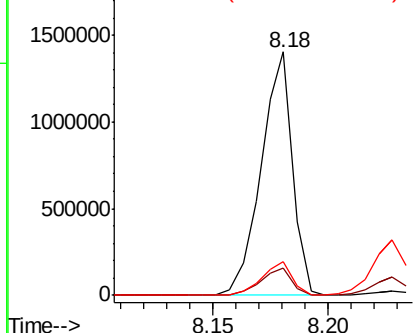
Tot Ion:128 Resp: 1326442
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.6 10.6 16.0

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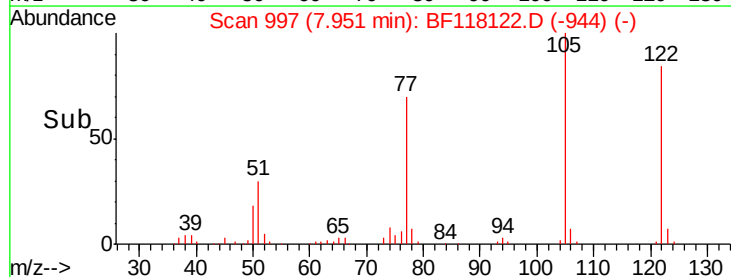
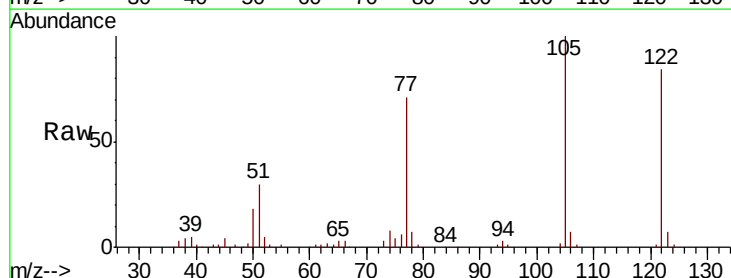
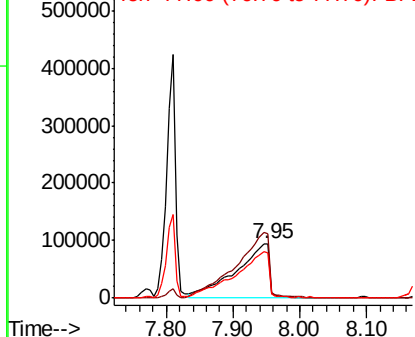
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

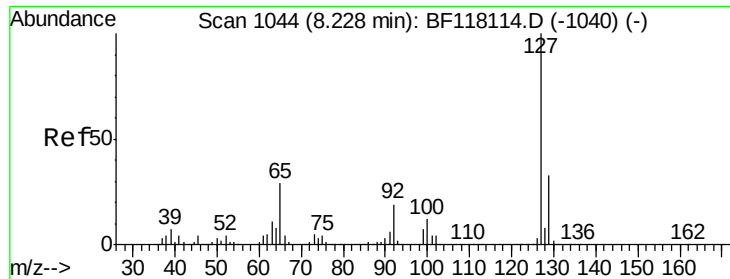


#32
Benzoic acid
Concen: 37.258 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion:122 Resp: 324877
Ion Ratio Lower Upper
122 100
105 118.6 104.7 144.7
77 84.2 69.1 109.1

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





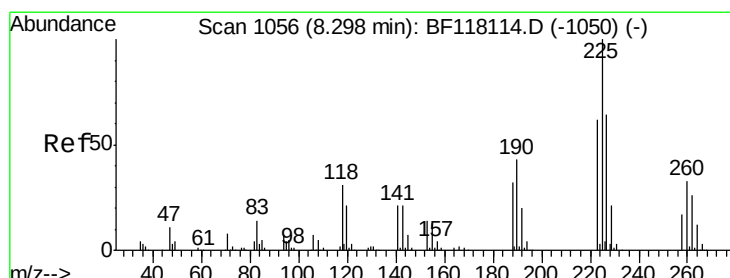
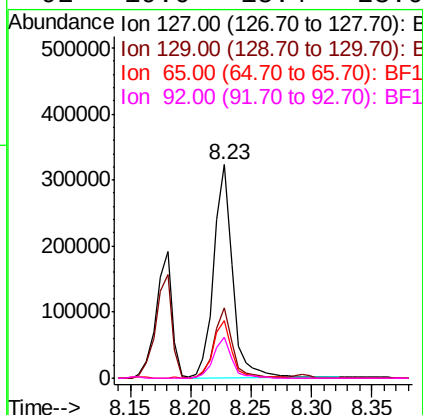
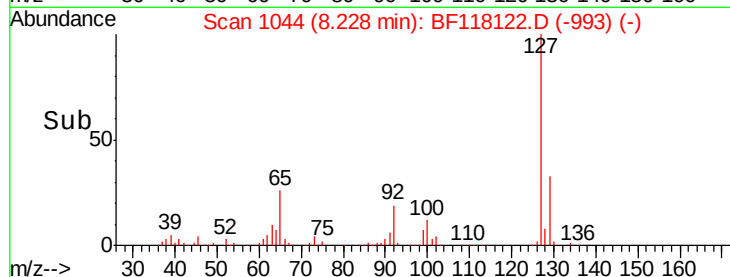
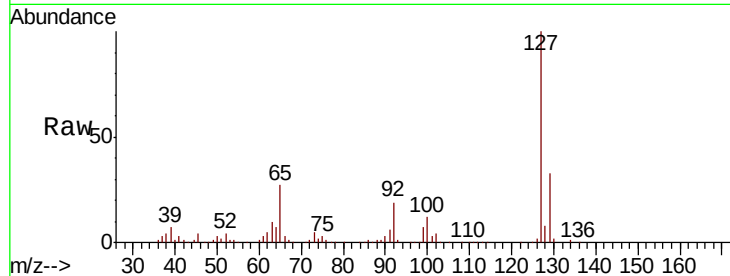
#33
4-Chloroaniline
Concen: 20.557 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.6	40.0		
65	27.1	23.2	34.8		
92	19.0	15.4	23.0		

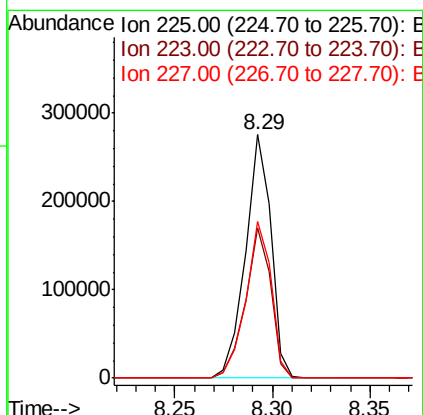
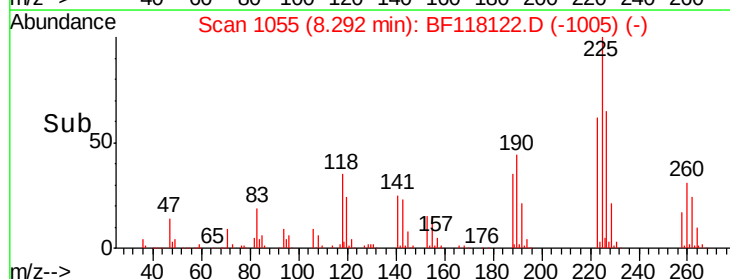
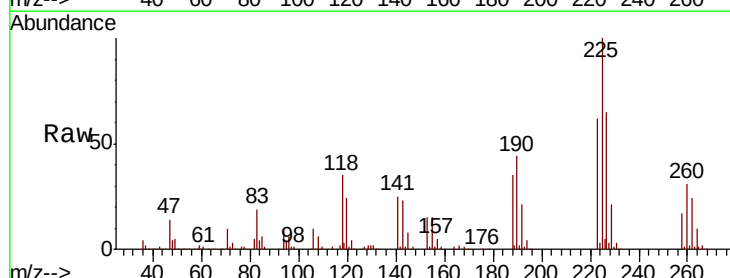
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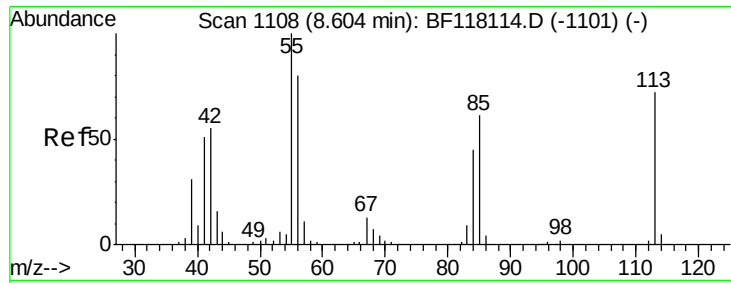
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#34
Hexachlorobutadiene
Concen: 31.717 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	49.6	74.4		
227	64.6	51.0	76.6		





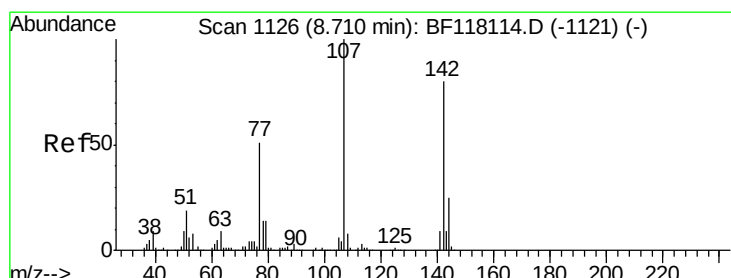
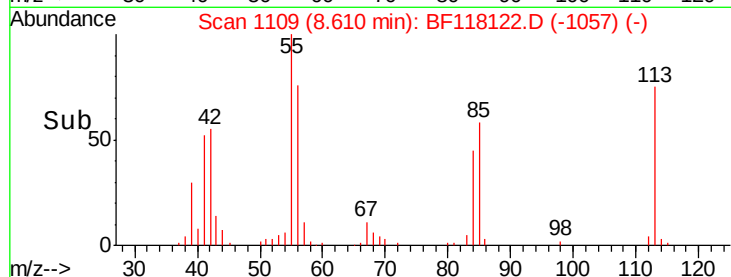
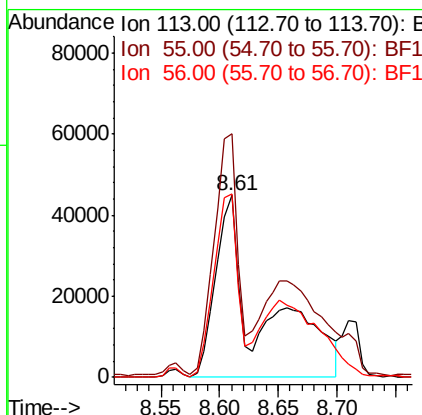
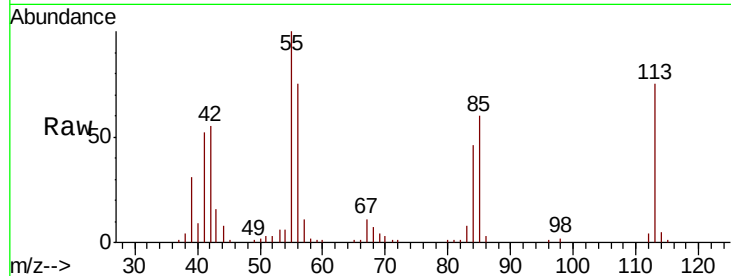
#35
Caprolactam
Concen: 34.319 ng/ml
RT: 8.61 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	133.7		118.9	158.9	
56	100.7		91.4	131.4	

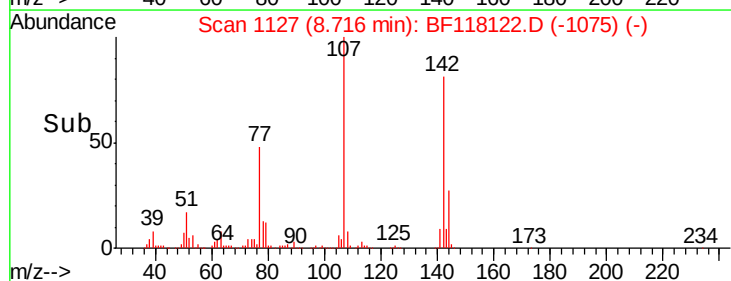
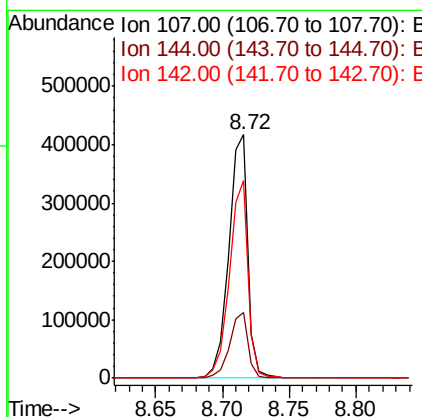
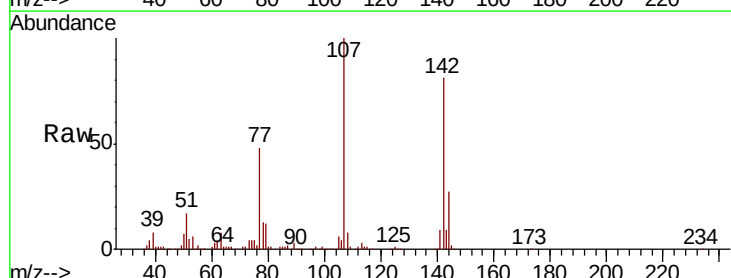
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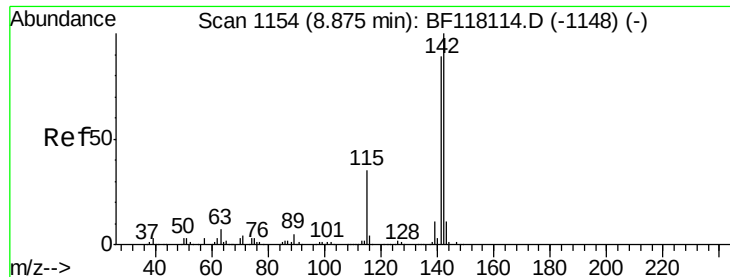
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#36
4-Chloro-3-methylphenol
Concen: 35.502 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.7		20.3	30.5	
142	81.1		63.7	95.5	





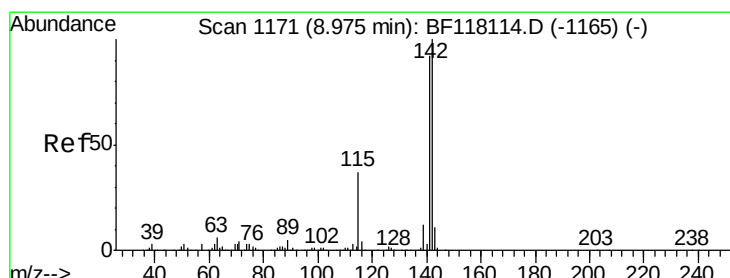
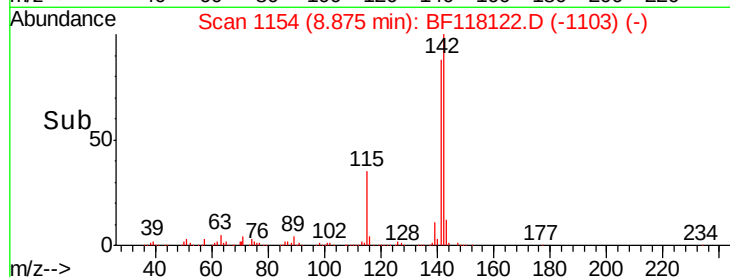
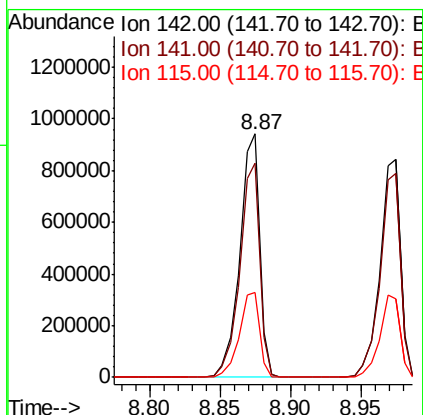
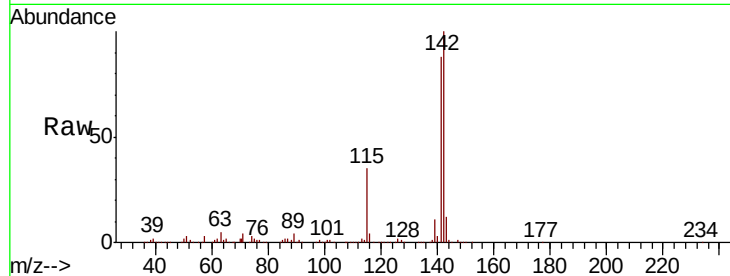
#37
2-Methylnaphthalene
Concen: 34.848 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.4	107.0
115	34.9	28.2	42.4

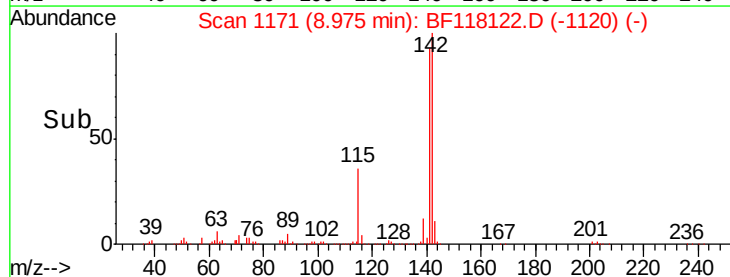
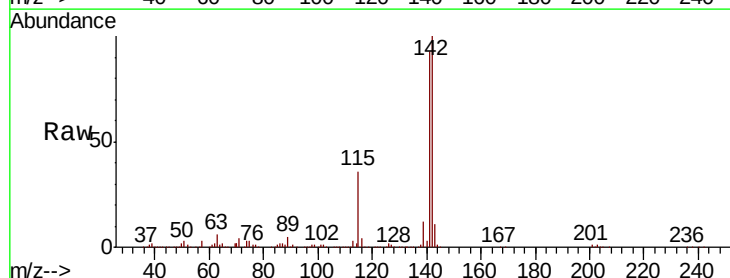
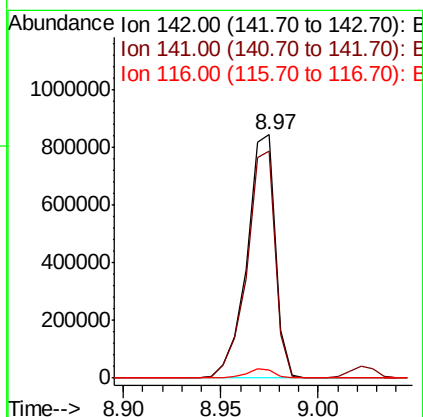
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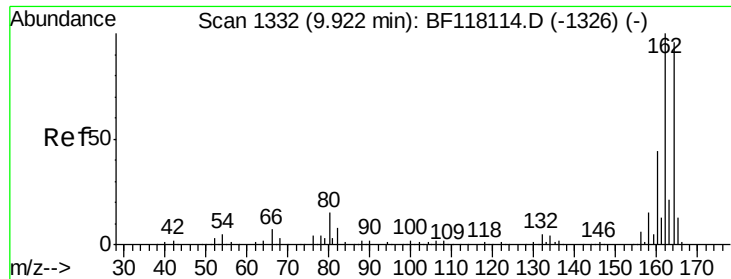
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#38
1-Methylnaphthalene
Concen: 34.426 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.0	111.0
116	3.6	3.2	4.8





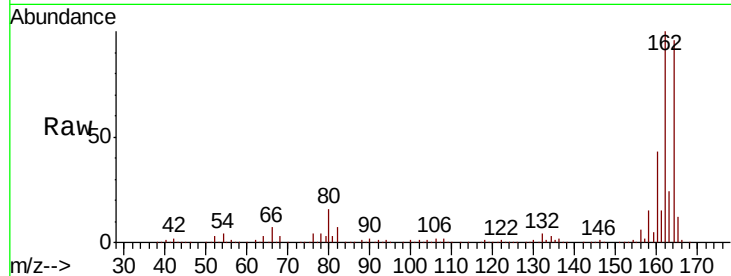
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.4	125.0
160	45.1	36.6	54.8

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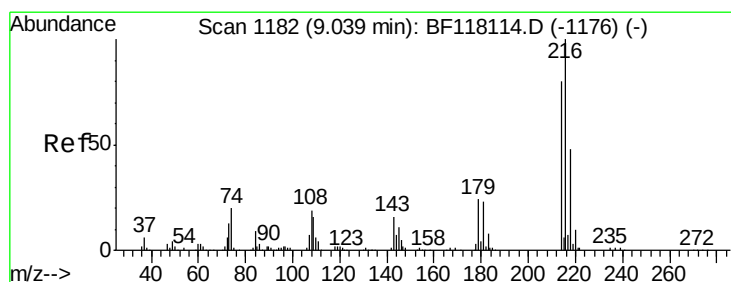
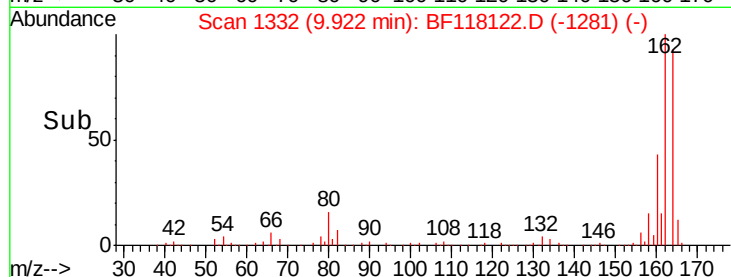
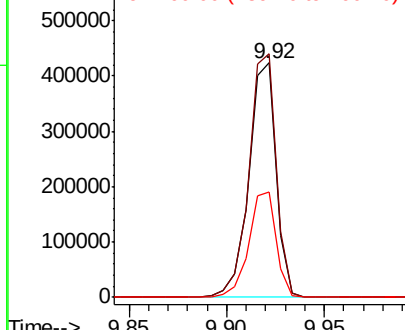


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.628 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.2
179	23.7	18.6	27.8
108	20.4	15.4	23.0

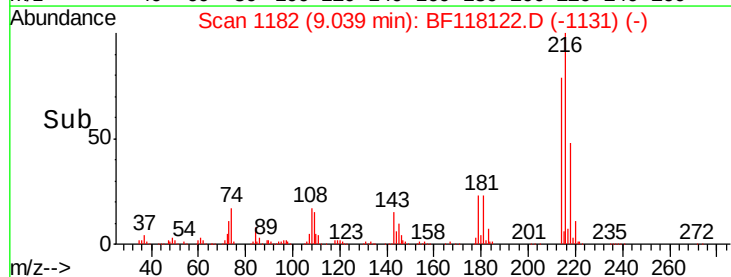
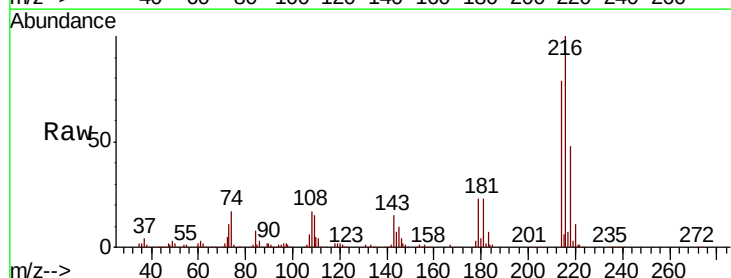
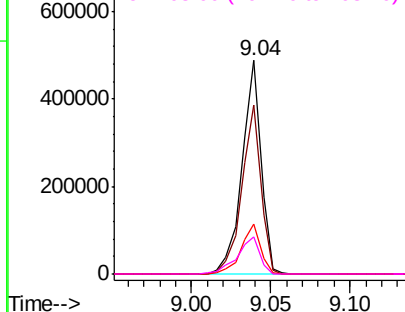
Abundance

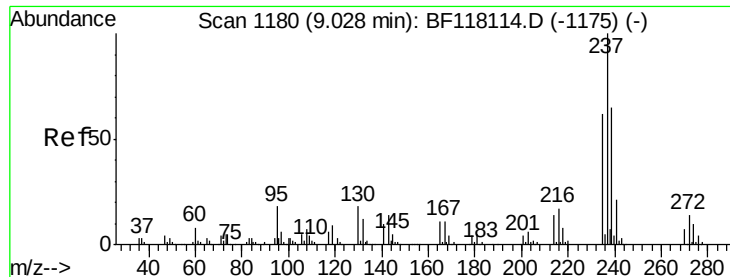
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 54.750 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

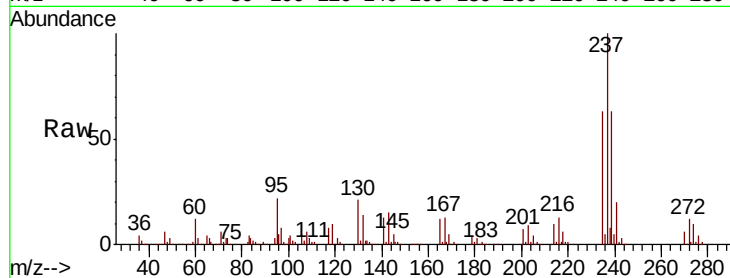
ClientSampleId :

PB125281BS

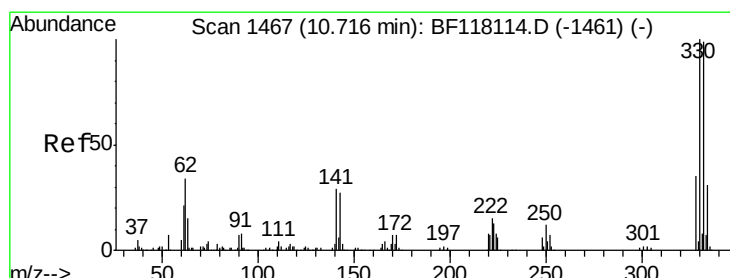
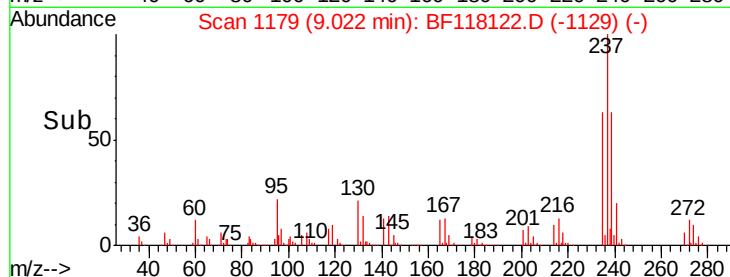
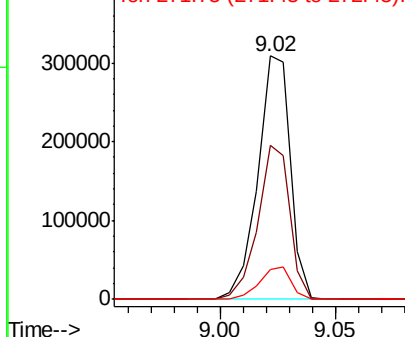
Tot Ion:	237	Resp:	304603
Ion Ratio	Lower	Upper	
237	100		
235	63.2	41.5	81.5
272	12.5	0.0	33.7

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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: 100.331 ng

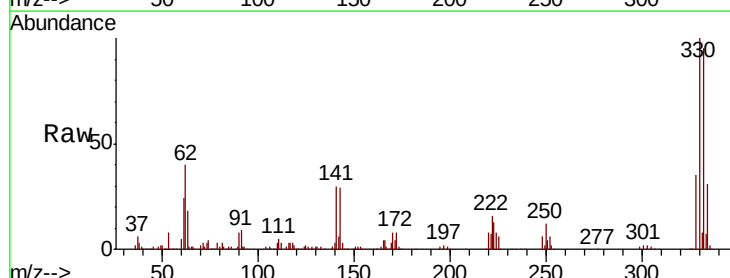
RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

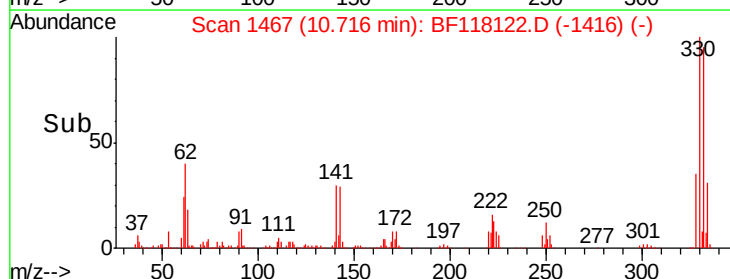
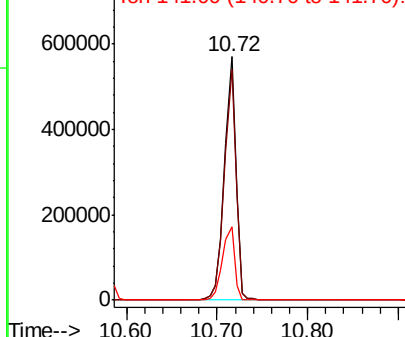
Lab File: BF118122.D

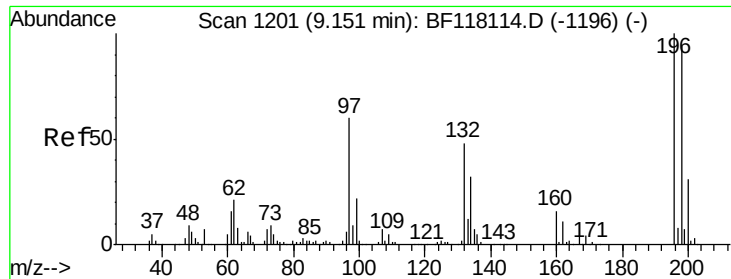
Acq: 7 Dec 2019 12:00

Tgt Ion:	330	Resp:	499603
Ion Ratio	Lower	Upper	
330	100		
332	95.3	78.1	117.1
141	31.7	26.9	40.3



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





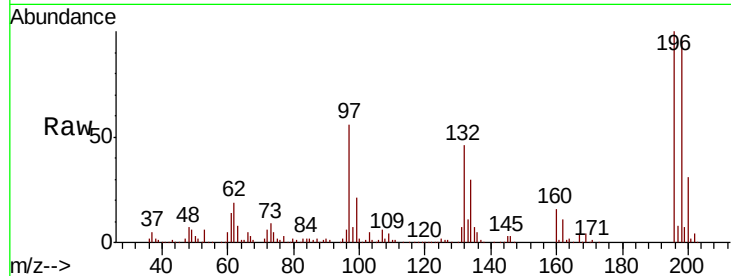
#43
 2,4,6-Trichlorophenol
 Concen: 34.849 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 PB125281BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	288929		
198	96.2		75.0	112.4
200	30.6		24.5	36.7

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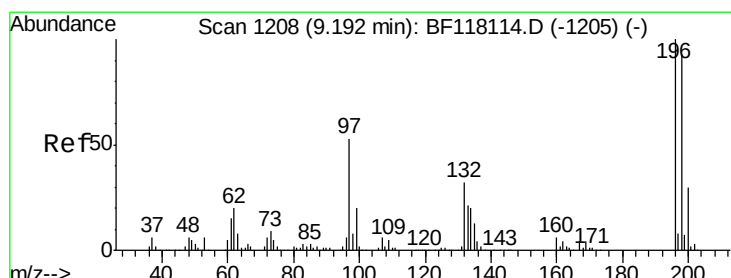
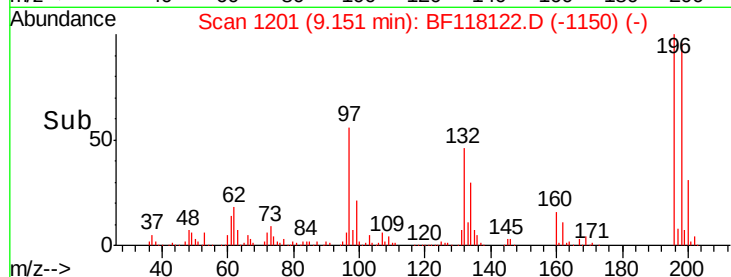
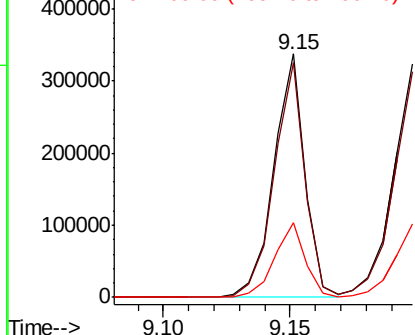


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 35.788 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	307410		
198	96.4		74.2	111.4
97	52.2		42.5	63.7
132	30.2		25.4	38.2

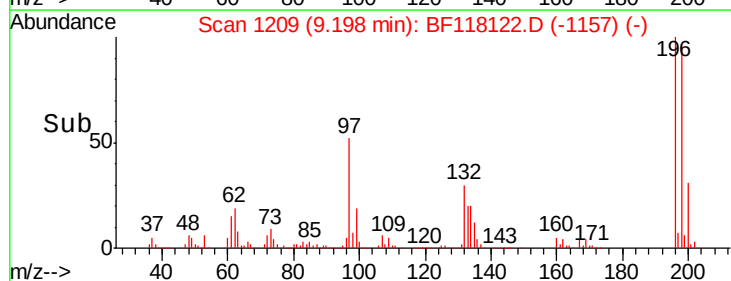
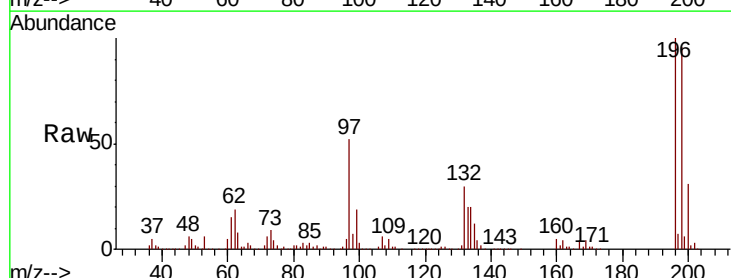
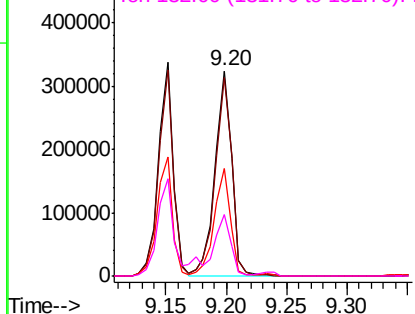
Abundance

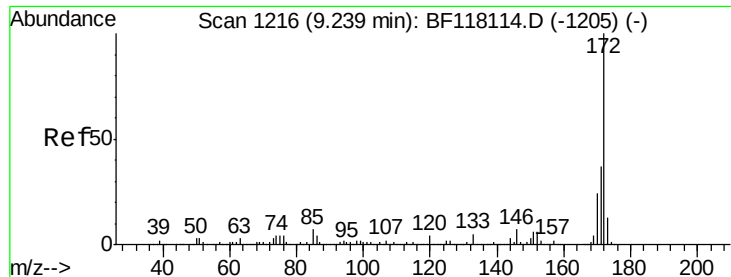
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





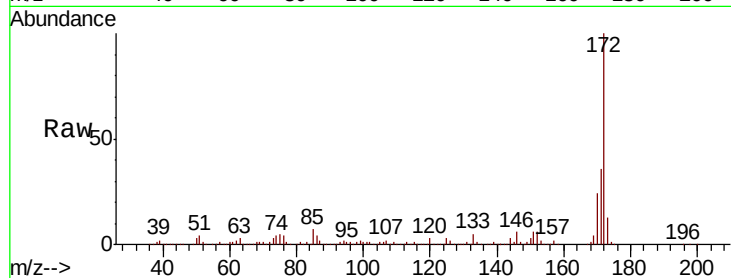
#45
2-Fluorobiphenyl
Concen: 54.941 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.8	19.4	29.2

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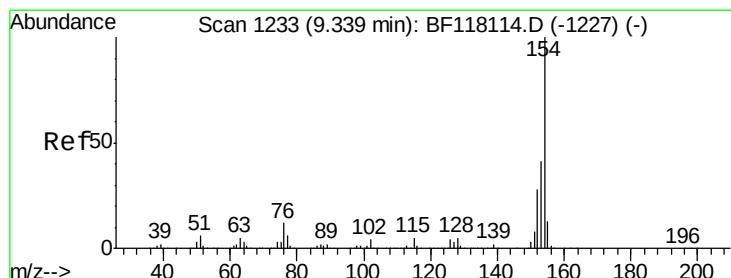
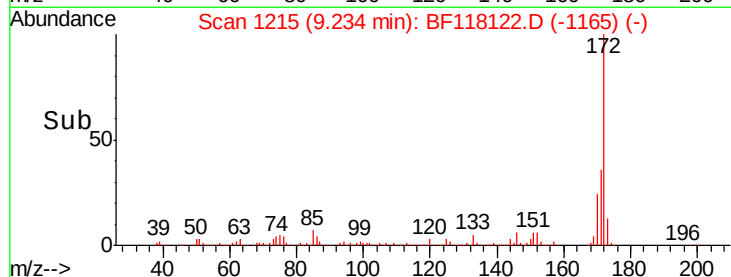
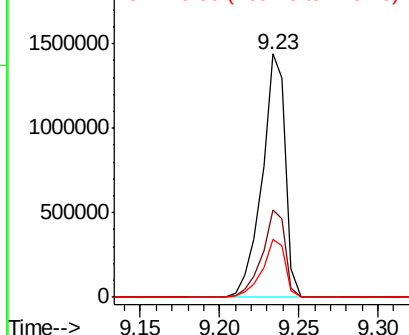


Abundance

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: 33.878 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

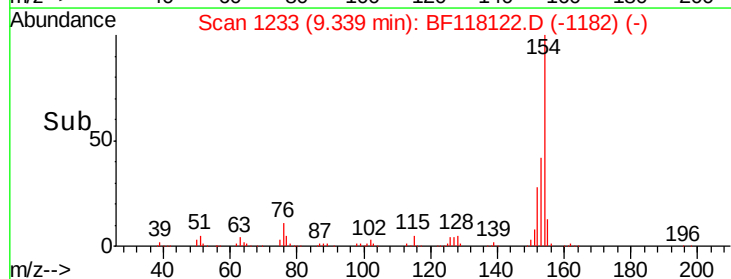
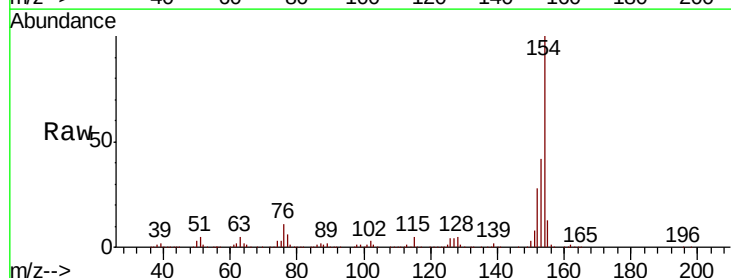
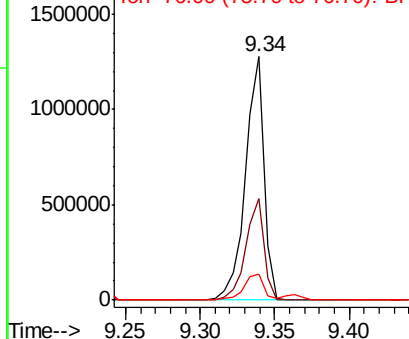
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.7	60.7
76	10.8	0.0	31.9

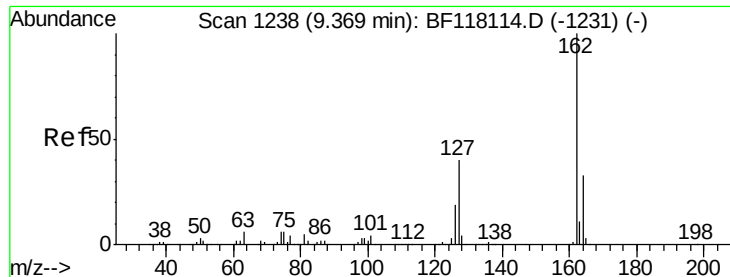
Abundance

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





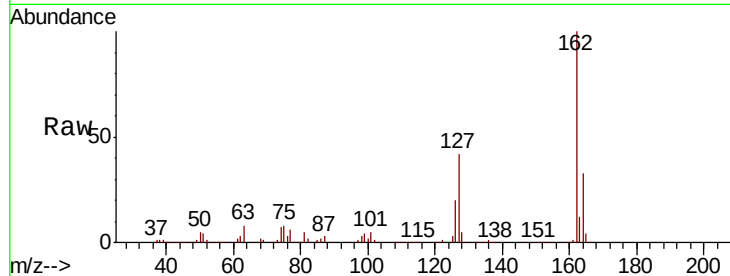
#47
 2-Chloronaphthalene
 Concen: 32.941 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 PB125281BS

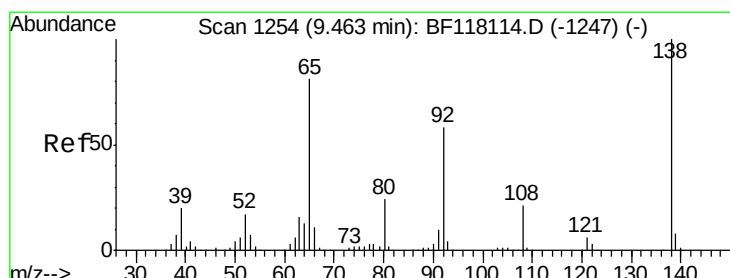
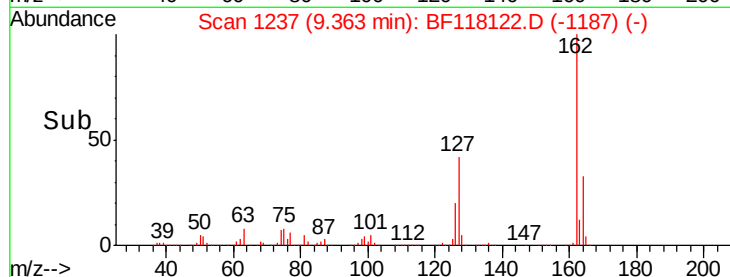
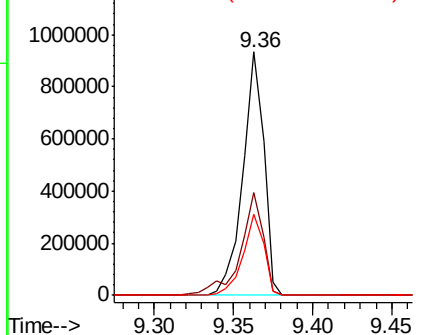
Tot Ion:	162	Resp:	856639
Ion Ratio	Lower	Upper	
162	100		
127	42.3	32.0	48.0
164	33.2	26.1	39.1

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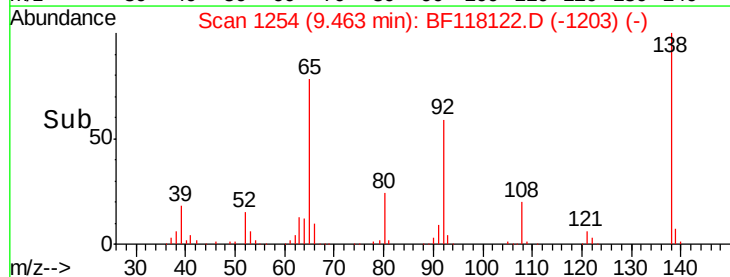
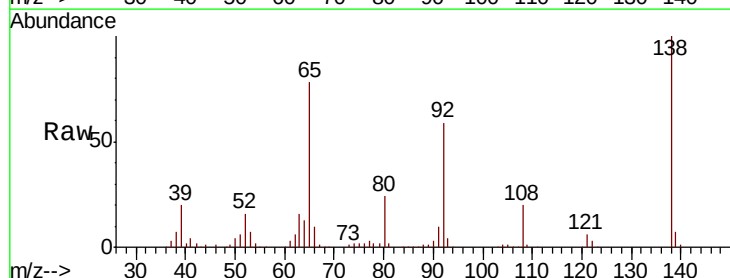
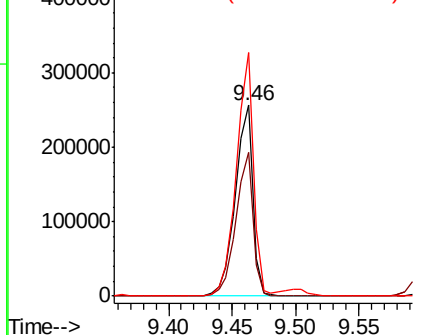
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

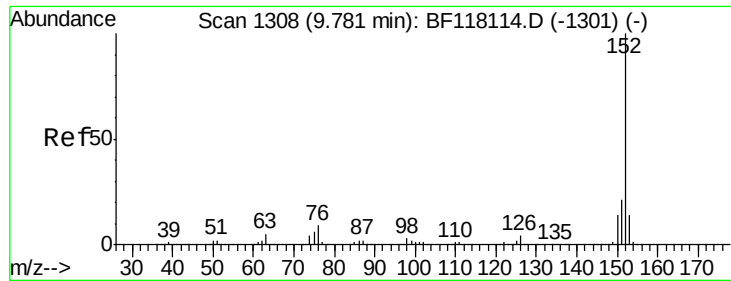


#48
 2-Nitroaniline
 Concen: 33.016 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Tgt Ion:	65	Resp:	244848
Ion Ratio	Lower	Upper	
65	100		
92	75.0	57.8	86.6
138	127.5	98.8	148.2

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: 34.735 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

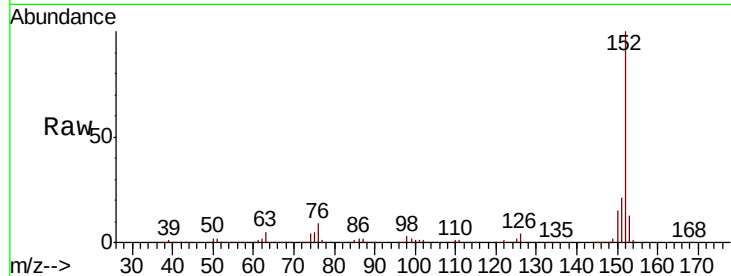
ClientSampleId :

PB125281BS

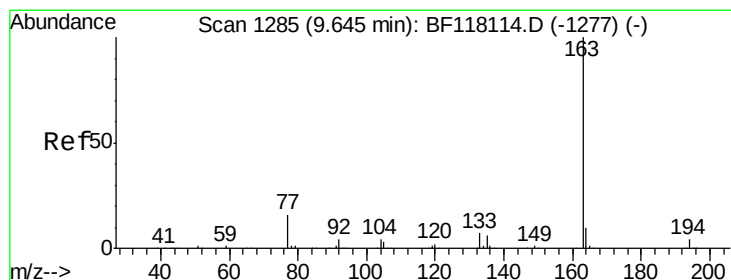
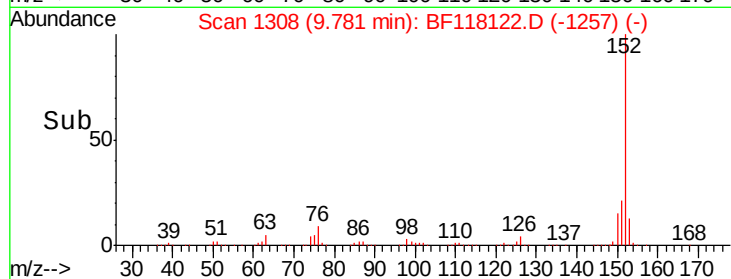
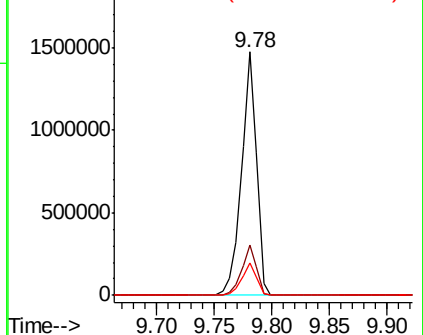
Tot Ion:	152	Resp:	1332305
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	13.3	10.8	16.2

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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: 33.636 ng

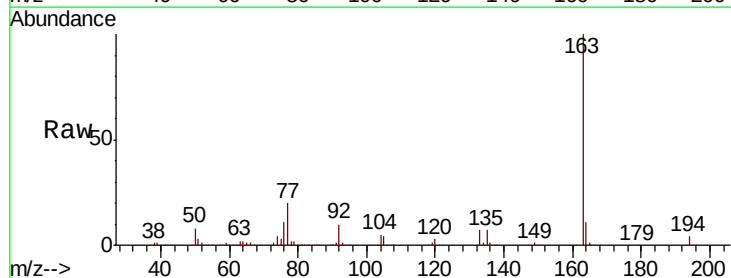
RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

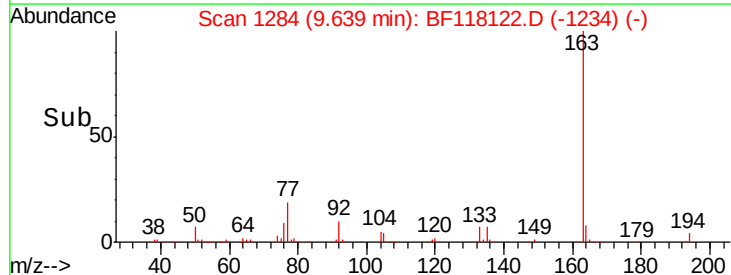
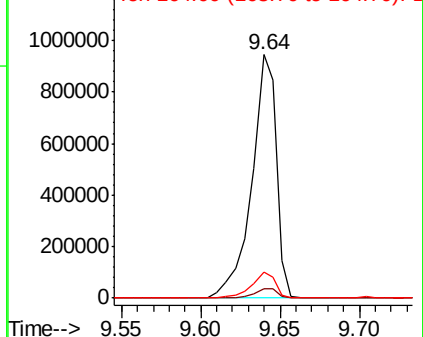
Lab File: BF118122.D

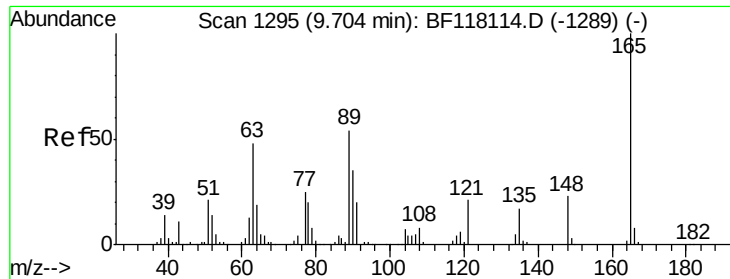
Acq: 7 Dec 2019 12:00

Tgt Ion:	163	Resp:	1018409
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.6	7.7	11.5



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





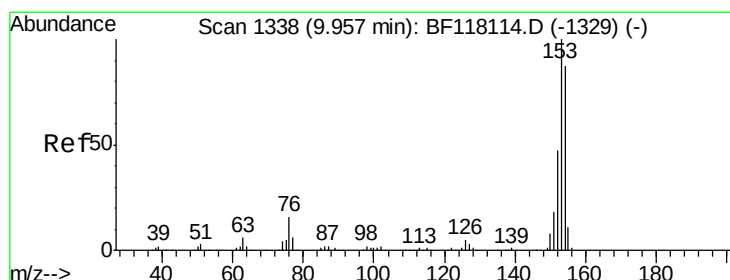
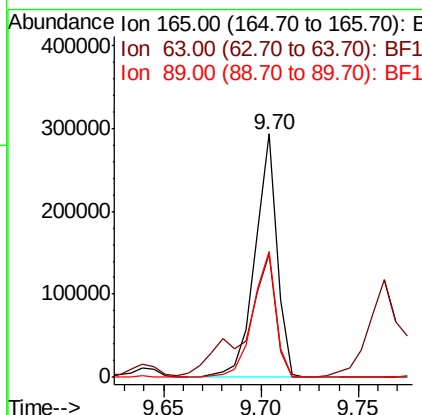
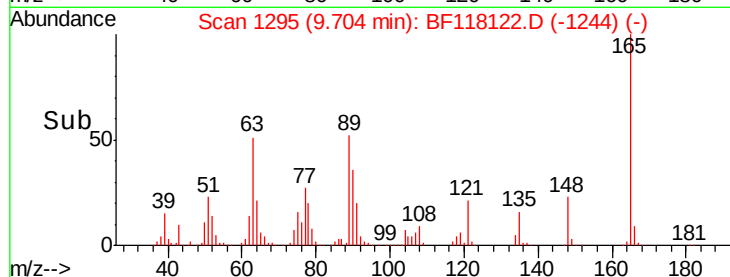
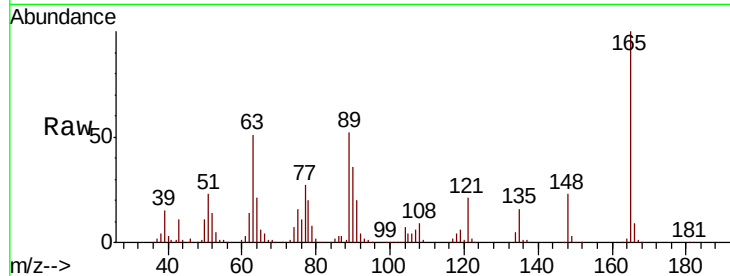
#51
 2,6-Dinitrotoluene
 Concen: 34.902 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 PB125281BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	229782		
63	50.6		41.4	62.0
89	51.5		42.9	64.3

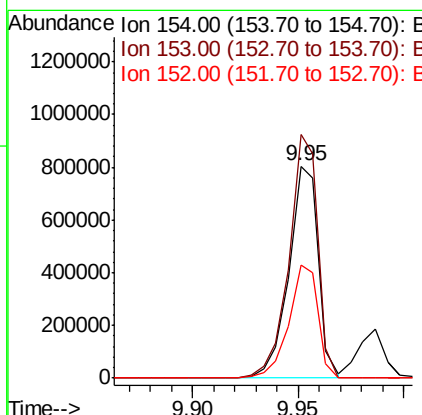
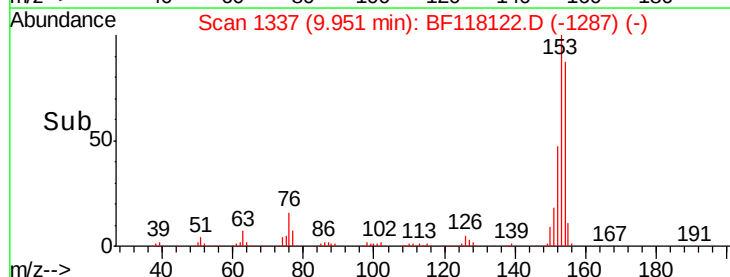
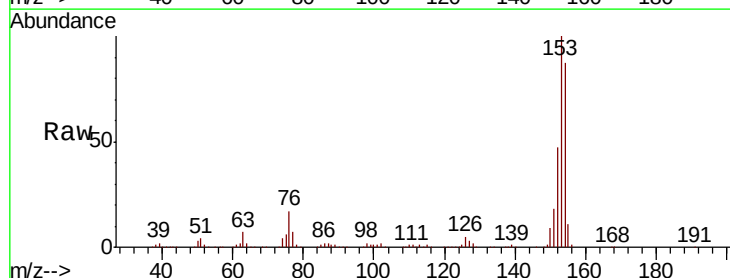
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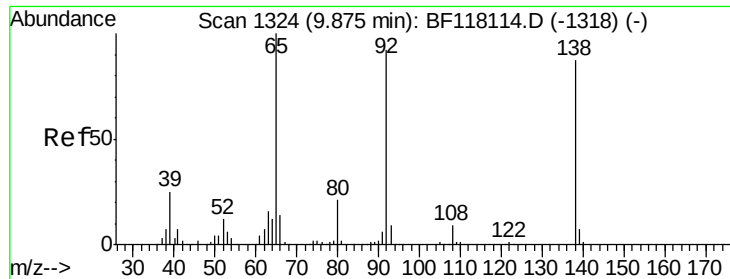
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#52
 Acenaphthene
 Concen: 33.541 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	785225		
153	114.9		91.8	137.6
152	53.6		43.3	64.9





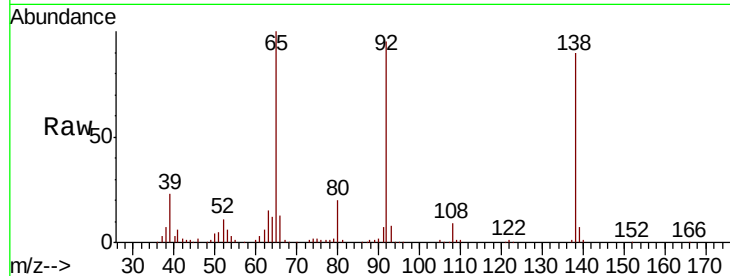
#53
3-Nitroaniline
Concen: 23.203 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

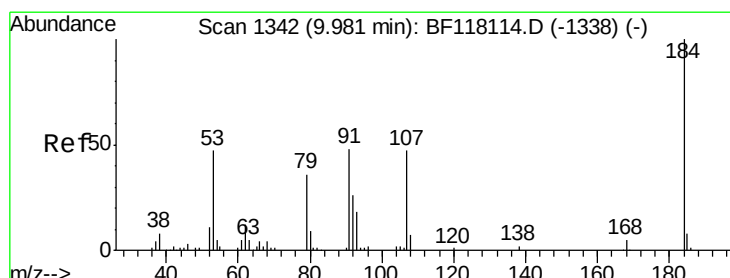
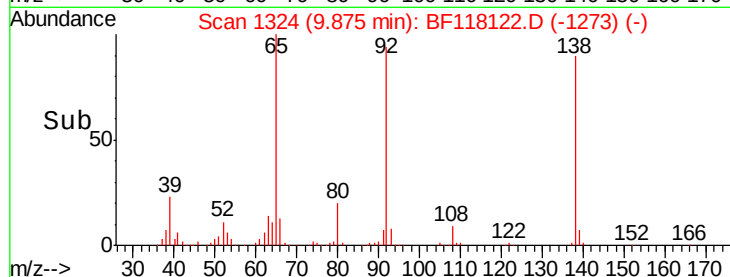
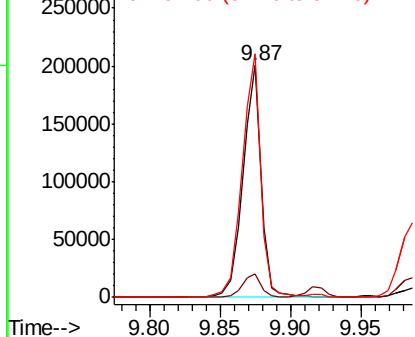
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.2	12.4
92	105.1	84.9	127.3

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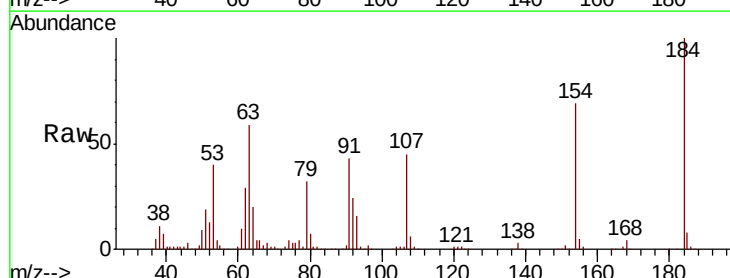


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

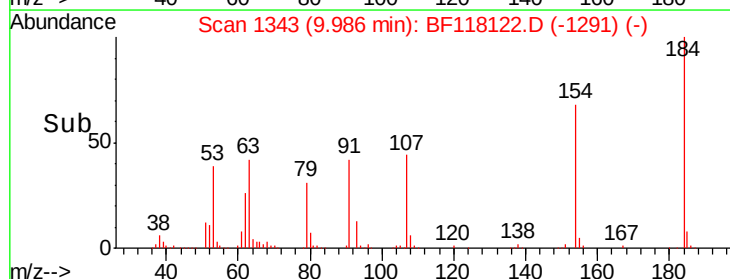
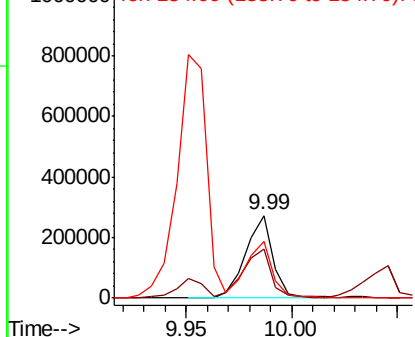


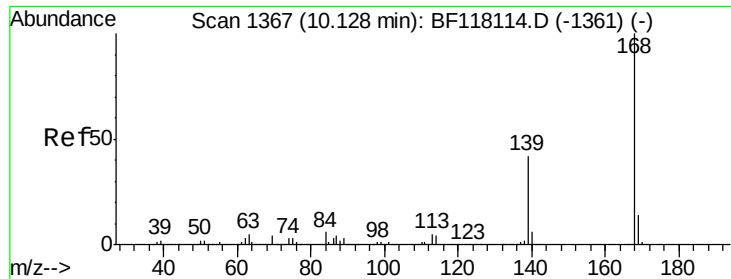
#54
2,4-Dinitrophenol
Concen: 76.110 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.0	53.9	80.9
154	68.6	56.3	84.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





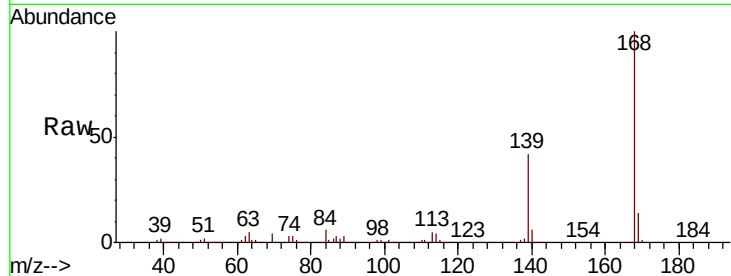
#55
Dibenzofuran
Concen: 34.566 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

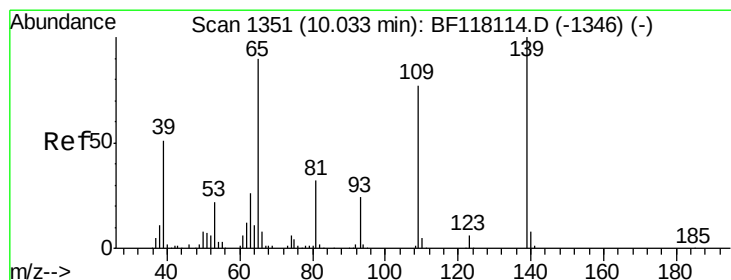
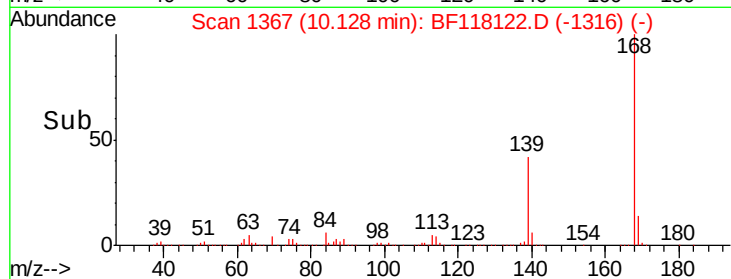
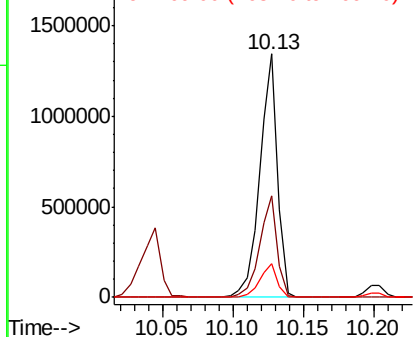
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	33.4	50.0
169	13.6	11.0	16.6

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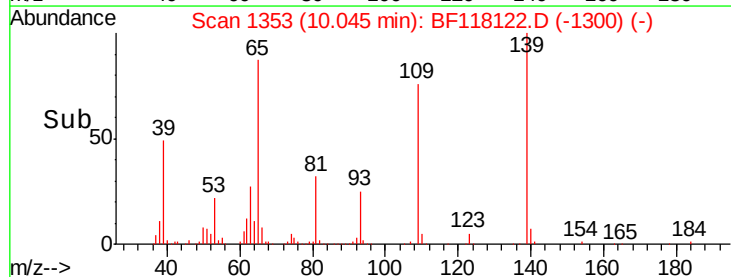
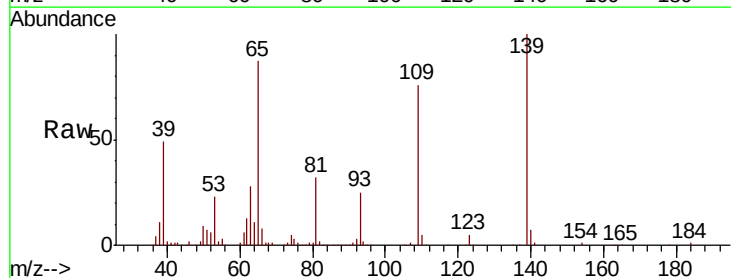
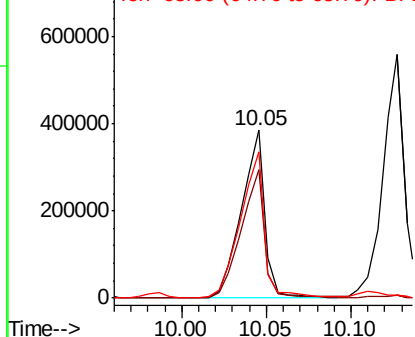
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

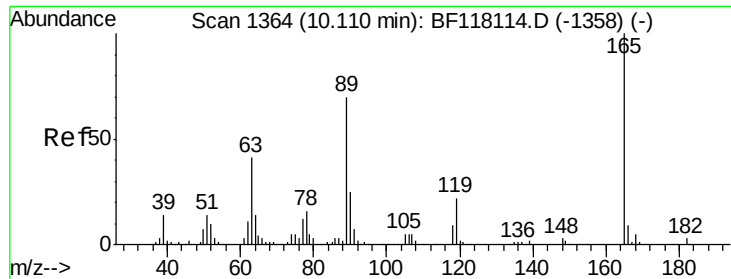


#56
4-Nitrophenol
Concen: 69.911 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.2	57.3	97.3
65	87.4	70.2	110.2

Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





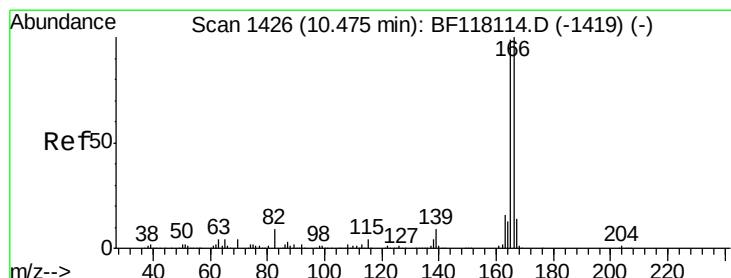
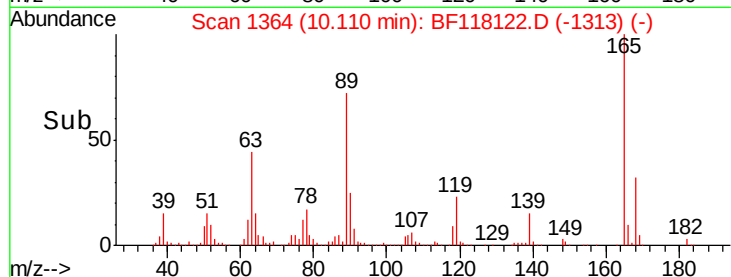
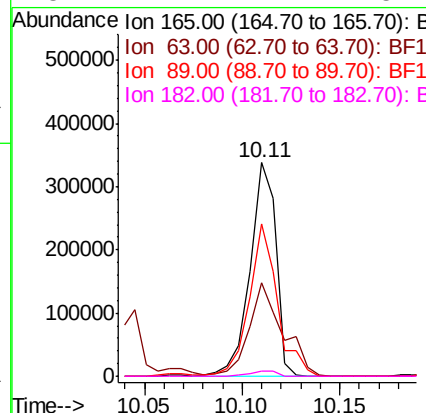
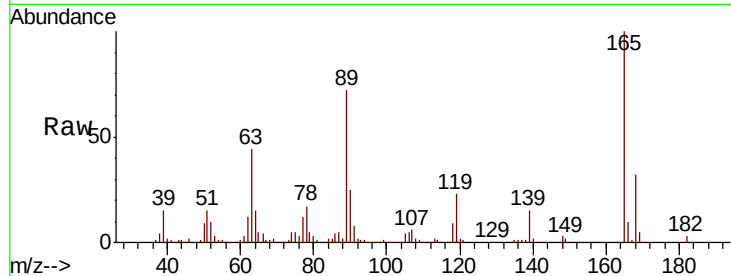
#57
2,4-Dinitrotoluene
Concen: 35.344 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampled :
PB125281BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.8	32.6	49.0	
89	71.6	56.1	84.1	
182	2.7	2.1	3.1	

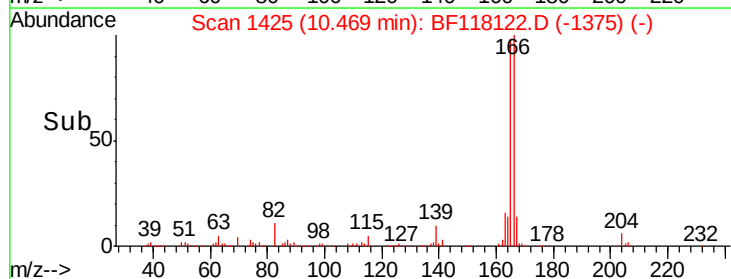
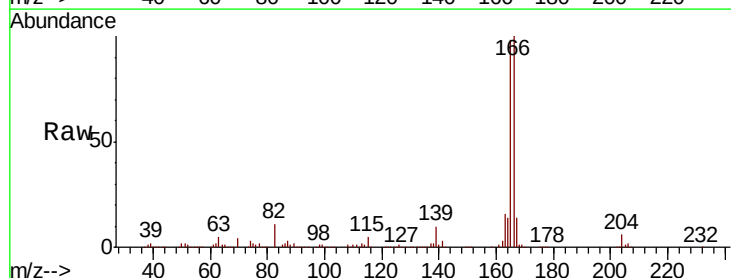
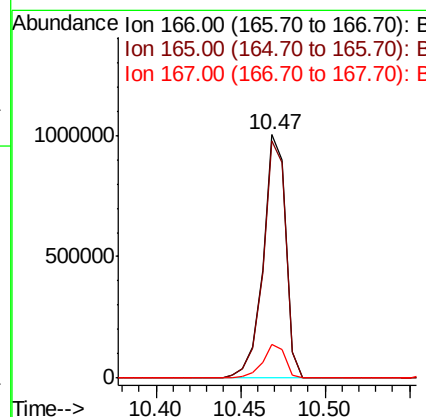
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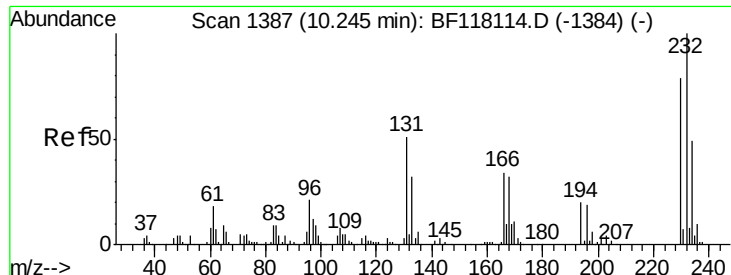
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#58
Fluorene
Concen: 34.175 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.6	79.0	118.4	
167	13.9	10.9	16.3	





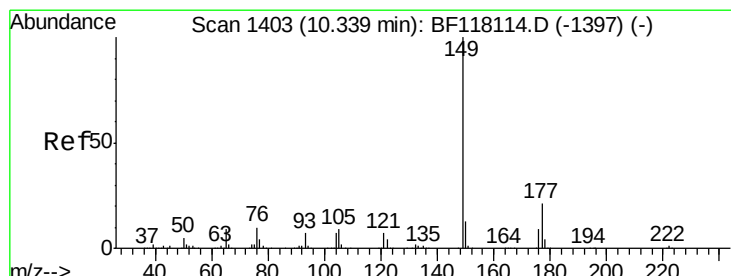
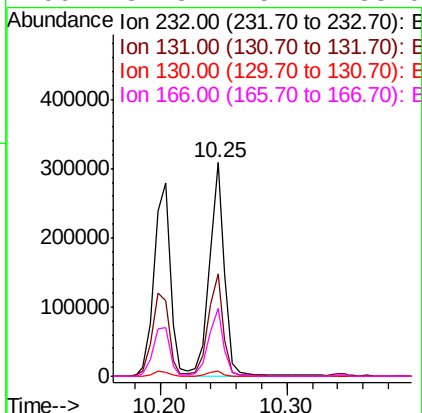
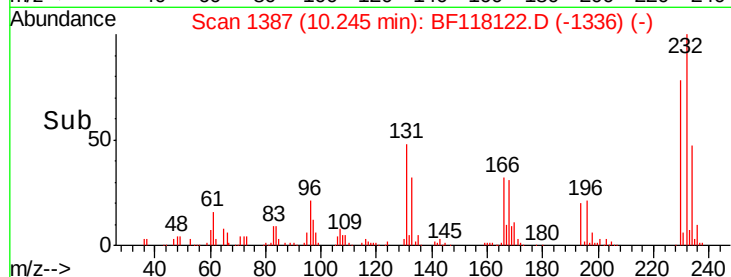
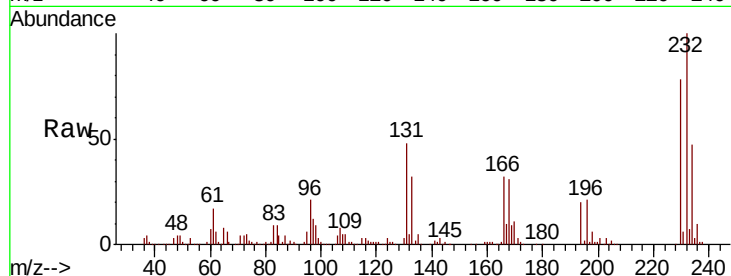
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.139 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.1	38.8	58.2
130	2.6	1.9	2.9
166	32.3	25.4	38.0

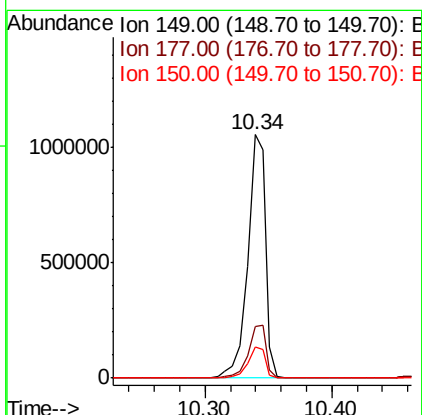
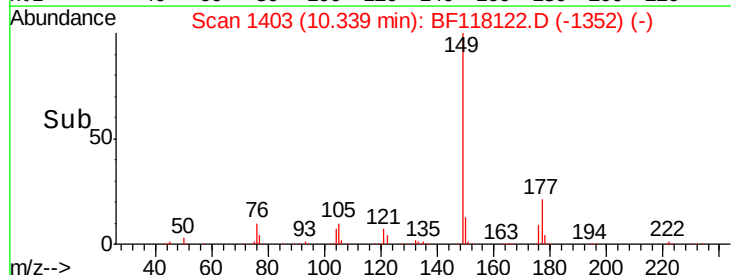
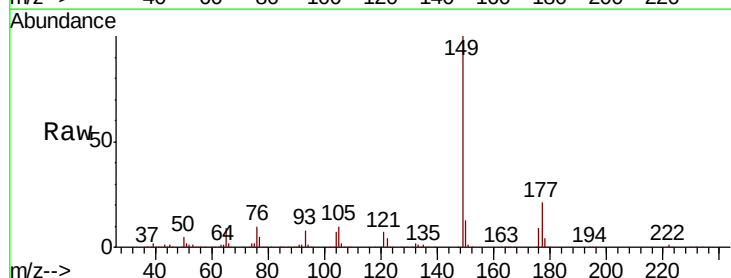
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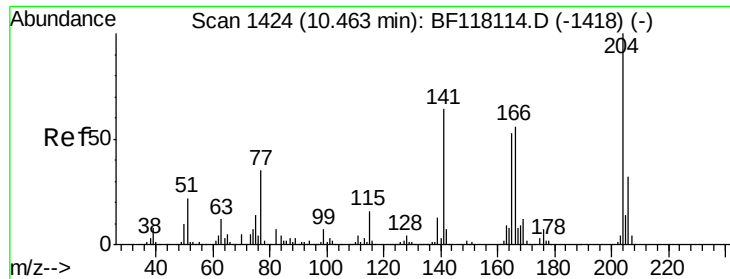
mohammad
12/10/2019 11:47:23 AM



#60
Diethylphthalate
Concen: 34.461 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.4
150	12.9	10.1	15.1





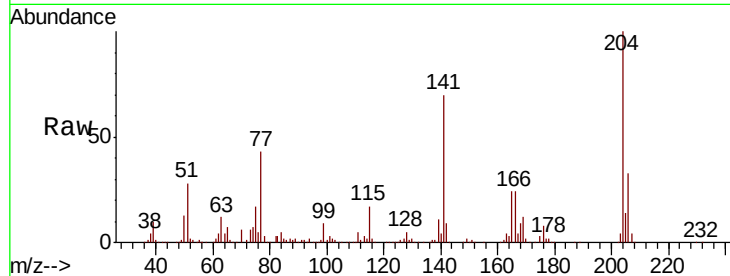
#61
4-Chlorophenyl-phenylether
Concen: 33.898 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	70.0	51.0	76.6

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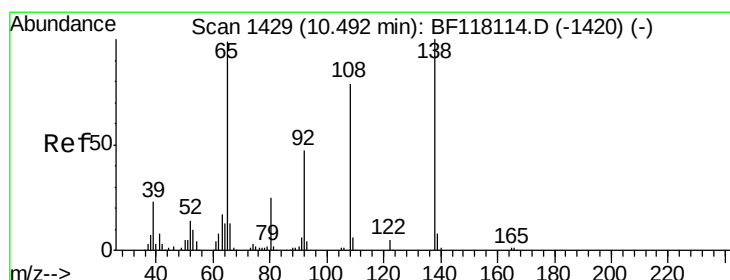
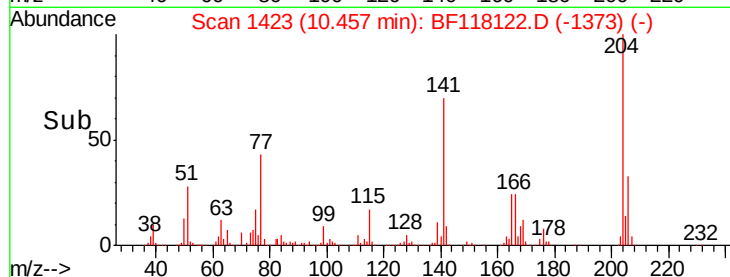
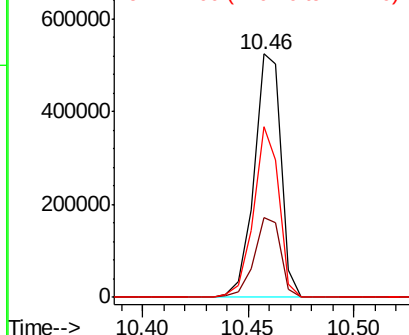


Abundance

Ion 204.00 (203.70 to 204.70): E

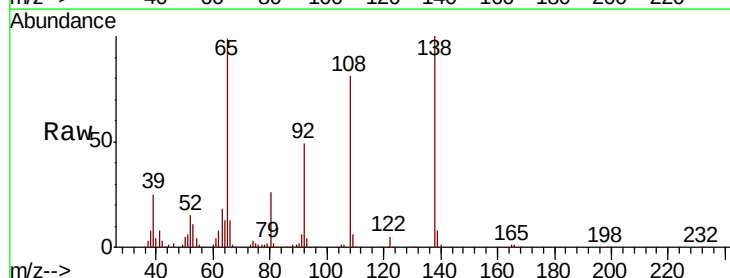
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 27.620 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	27.1	67.1
108	80.8	59.0	99.0

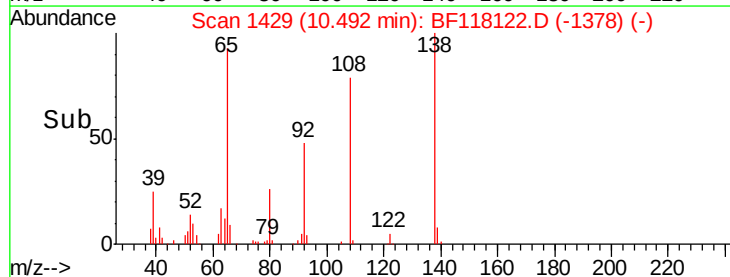
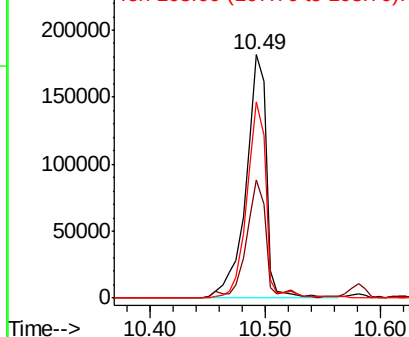


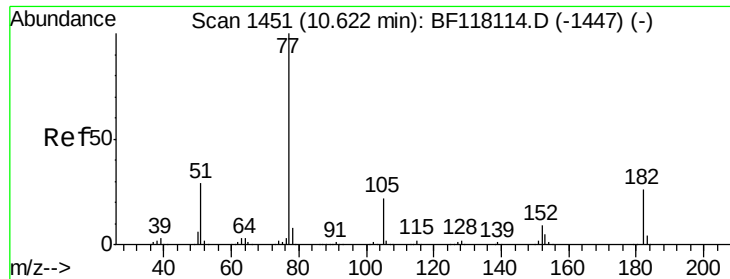
Abundance

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





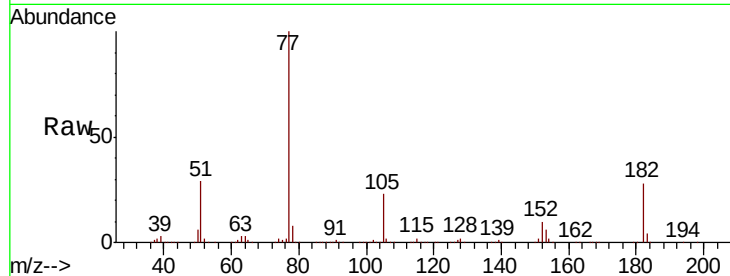
#63
Azobenzene
Concen: 34.402 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

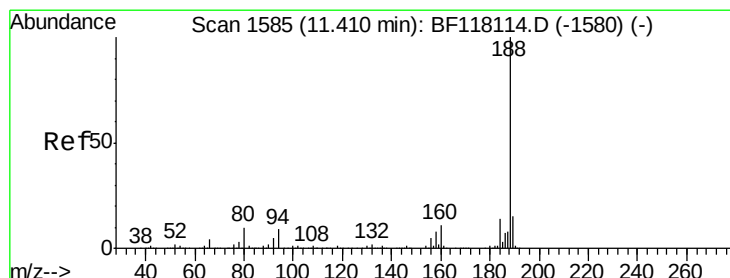
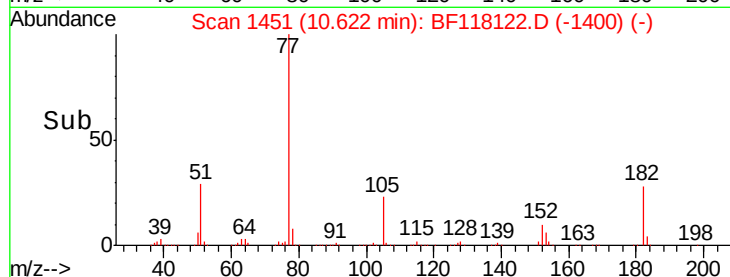
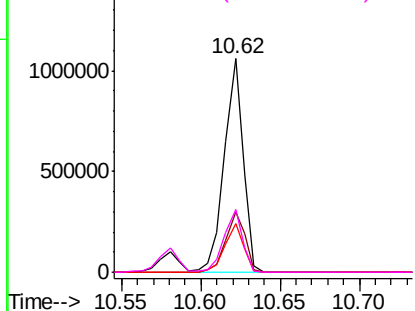
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.9	5.7	45.7	
105	23.0	2.2	42.2	
51	29.3	9.6	49.6	

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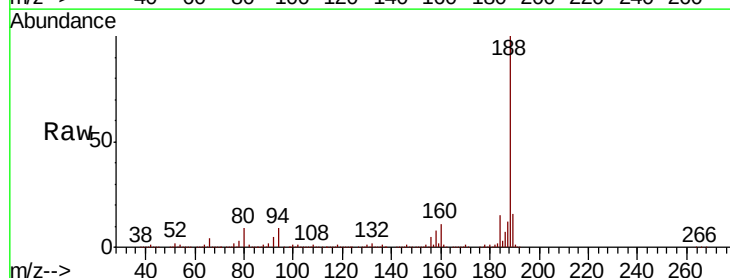


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

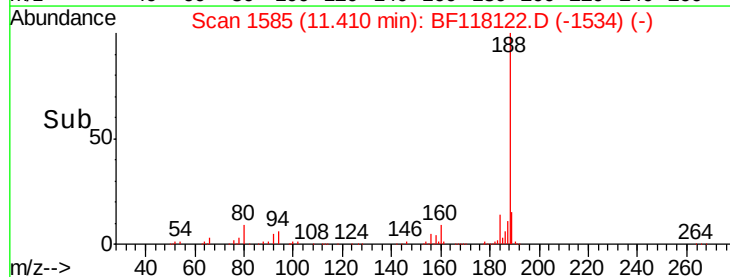
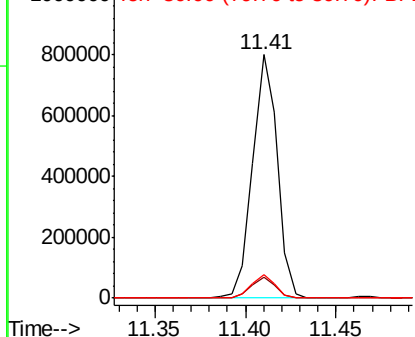


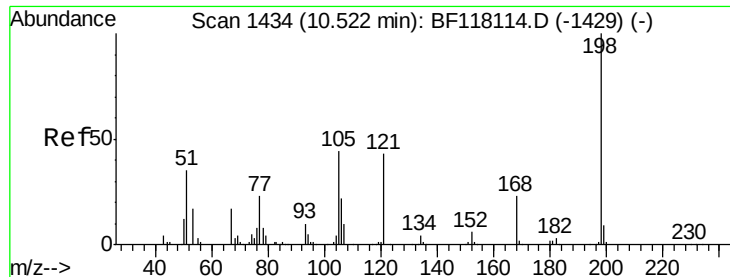
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.6	7.1	10.7	
80	9.4	7.9	11.9	



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





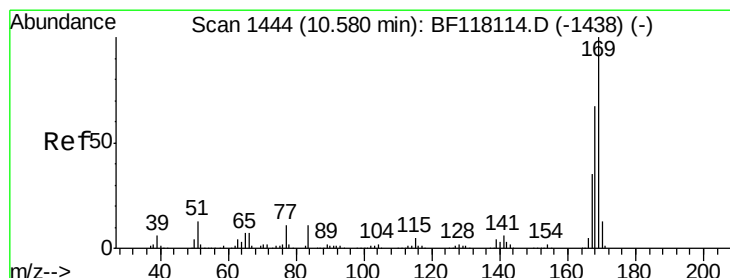
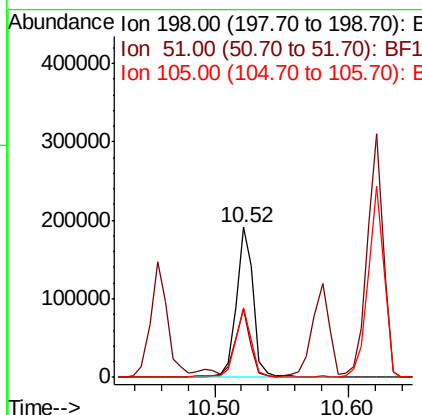
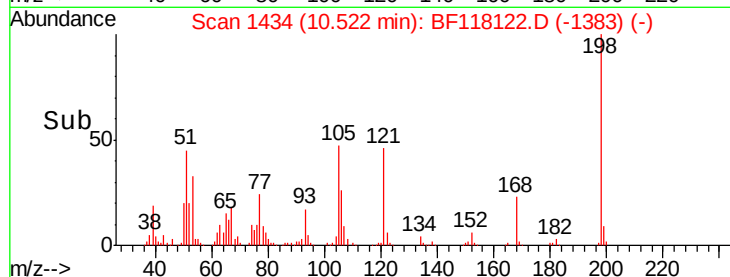
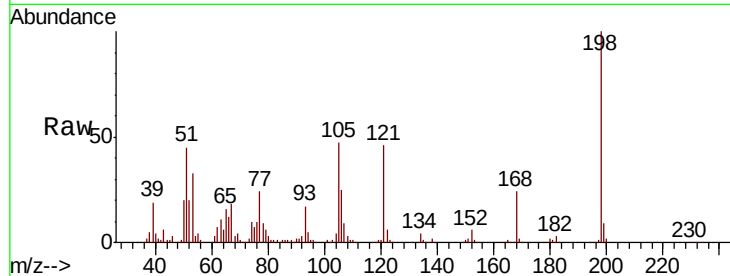
#65
4,6-Dinitro-2-methylphenol
Concen: 40.519 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	169911		
51	45.3	22.0	62.0	
105	46.7	25.6	65.6	

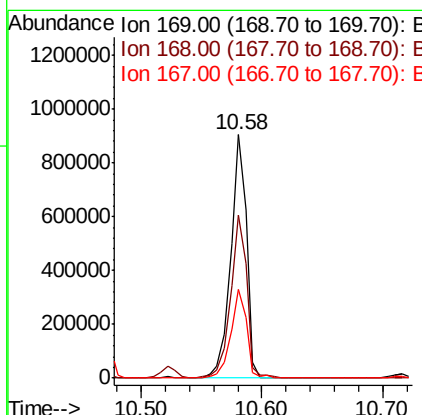
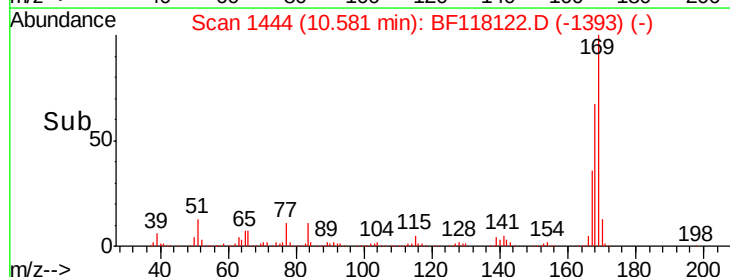
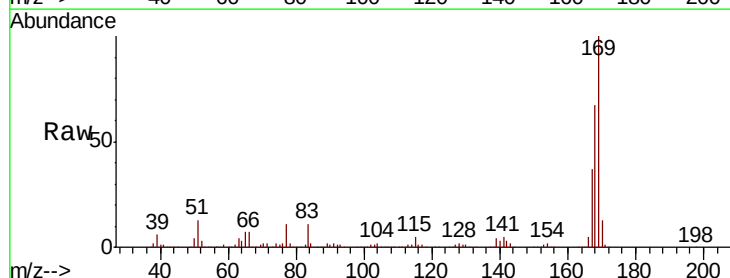
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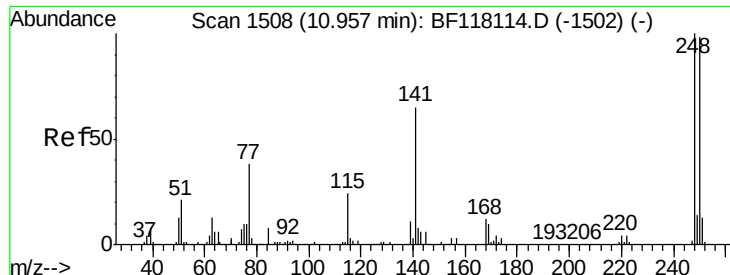
mohammad
12/10/2019 11:47:23 AM



#66
n-Nitrosodiphenylamine
Concen: 34.720 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	823296		
168	66.8	53.4	80.2	
167	36.5	28.4	42.6	





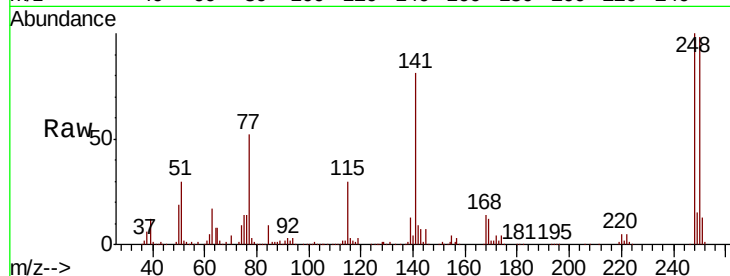
#67
4-Bromophenyl-phenylether
Concen: 33.894 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.3	117.5
141	80.9	52.2	78.4

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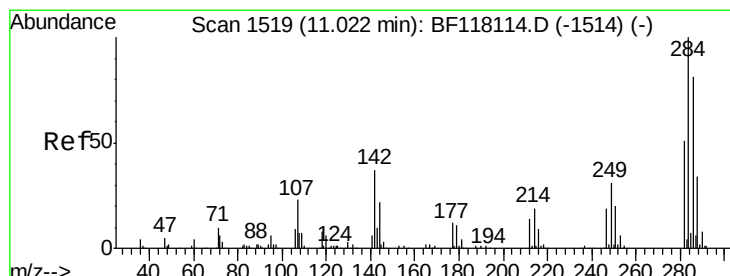
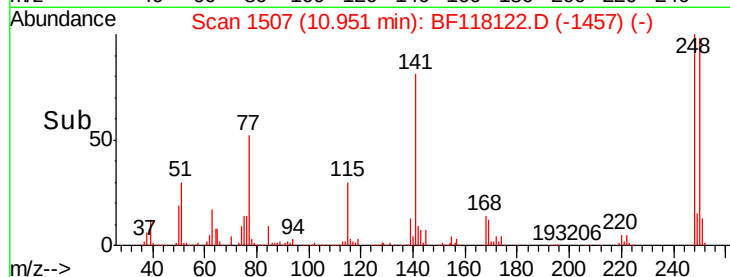
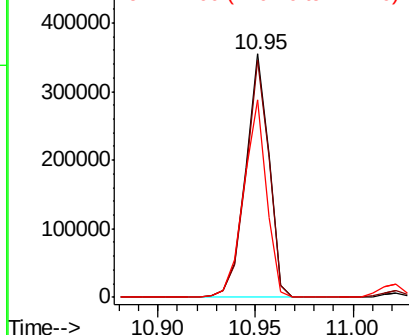


Abundance

Ion 248.00 (247.70 to 248.70): E

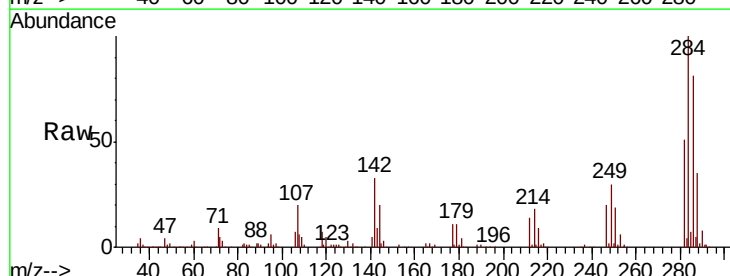
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 33.140 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	29.7	44.5
249	29.7	24.6	37.0

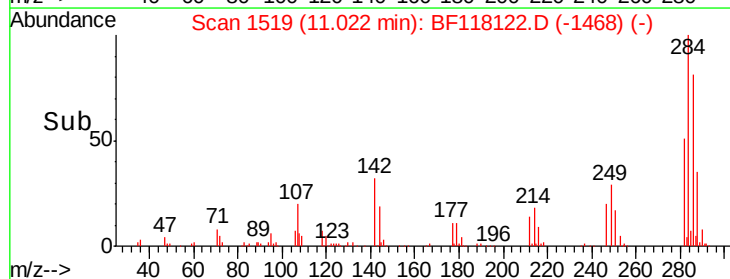
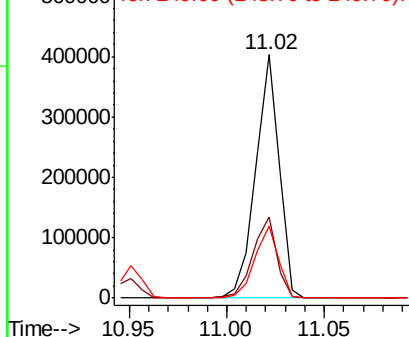


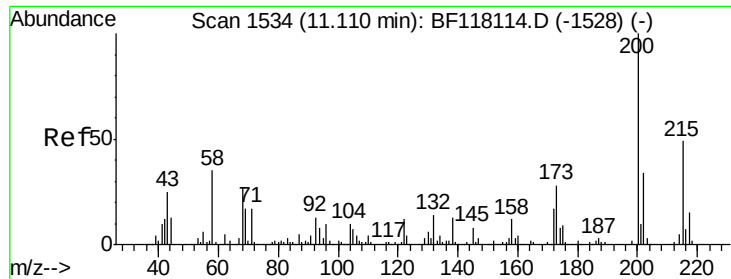
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





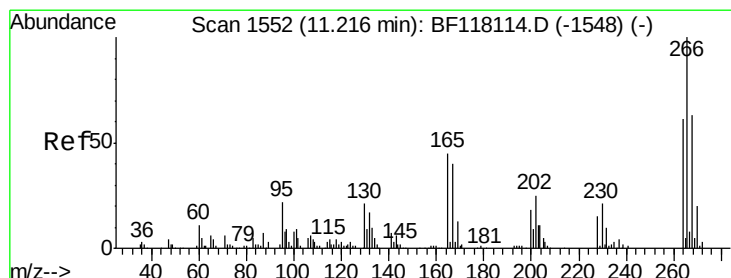
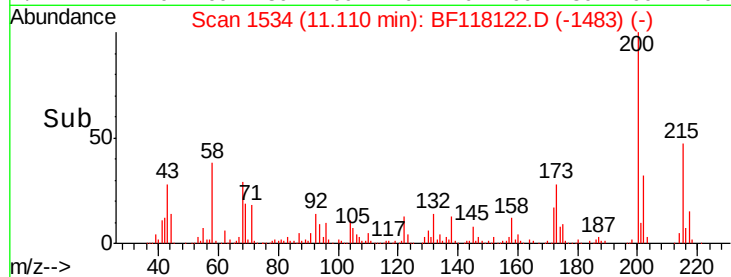
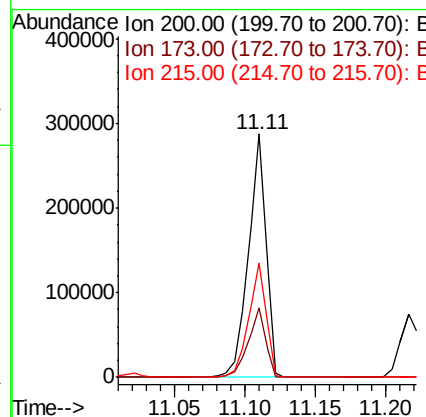
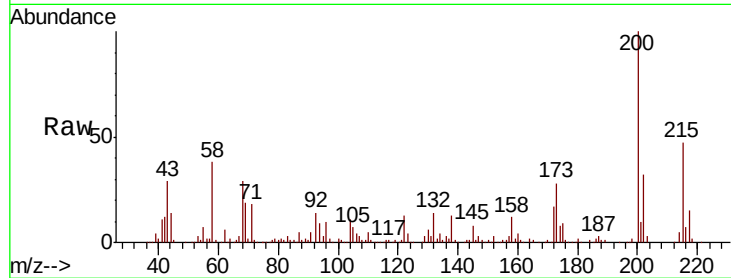
#69
Atrazine
Concen: 37.369 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.3	8.1	48.1
215	47.0	29.0	69.0

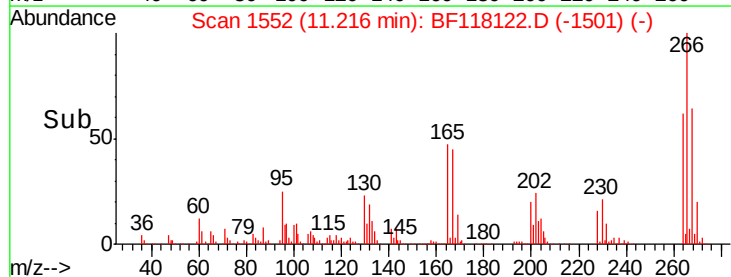
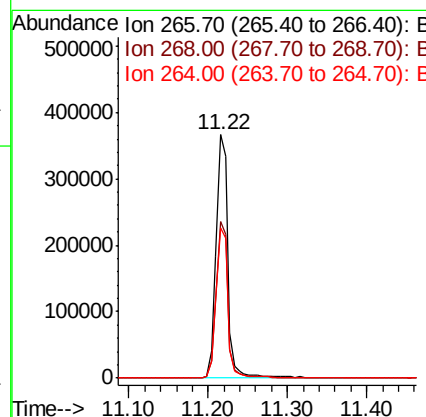
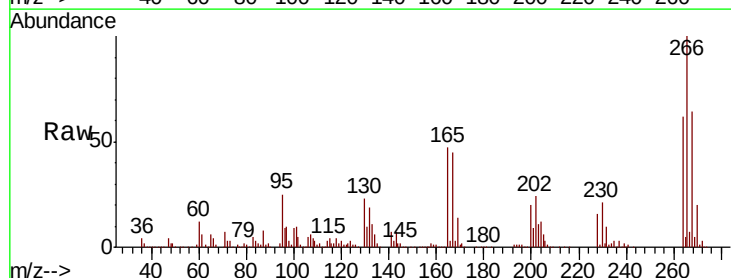
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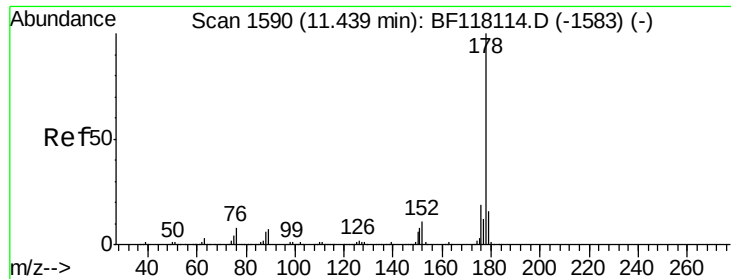
mohammad
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#70
Pentachlorophenol
Concen: 78.806 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.3	50.7	76.1
264	61.8	48.7	73.1





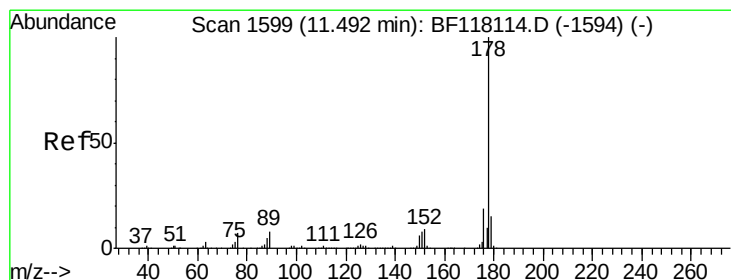
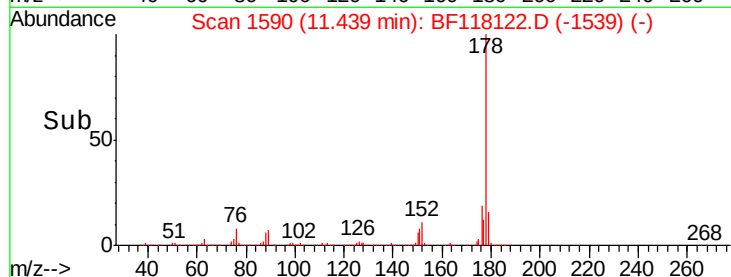
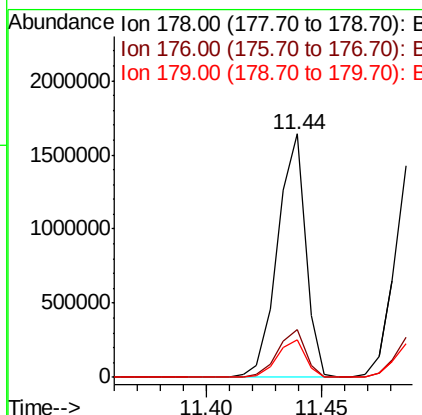
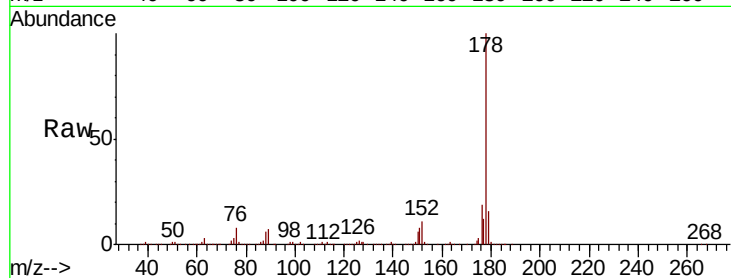
#71
Phenanthrene
Concen: 34.134 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.7	12.6	18.8

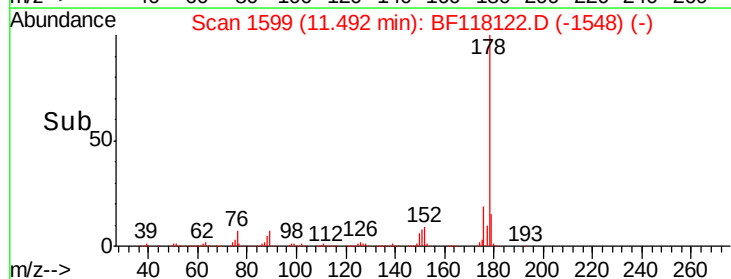
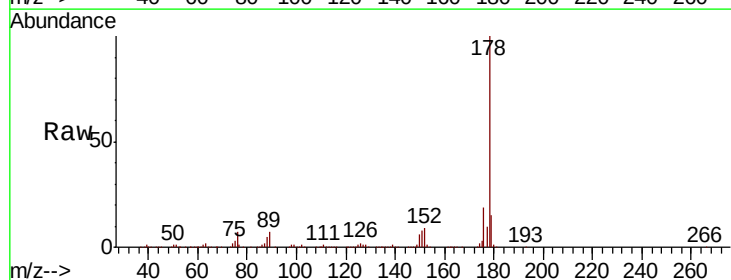
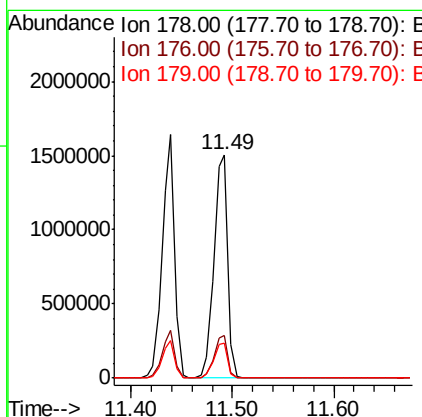
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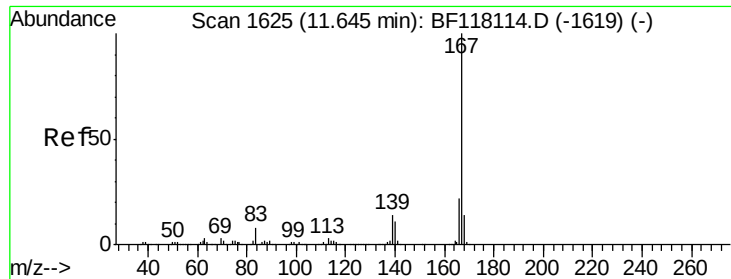
mohammad
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#72
Anthracene
Concen: 35.230 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.4	12.2	18.4





#73

Carbazole

Concen: 33.777 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

ClientSampleId :

PB125281BS

Tot Ion:167 Resp: 1220283

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.2

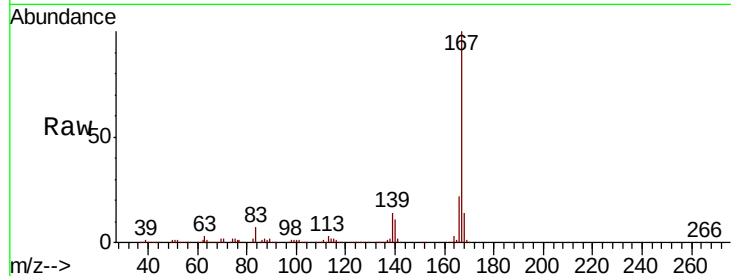
139 13.8 11.4 17.0

Manual Integrations

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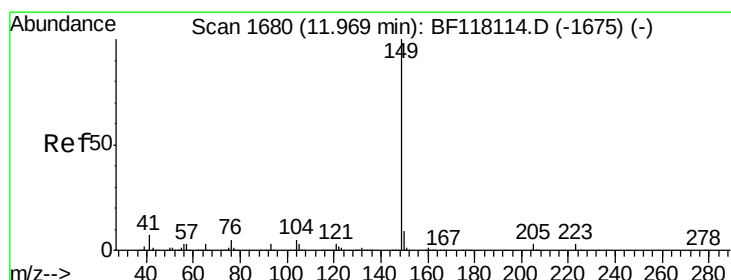
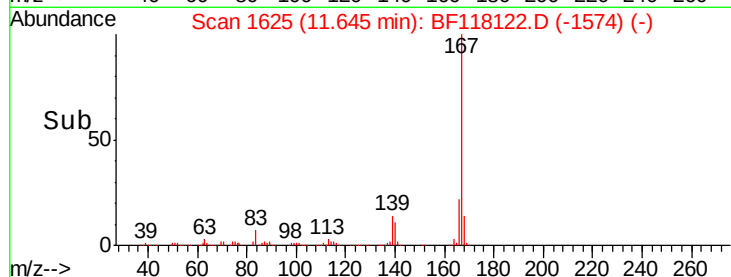
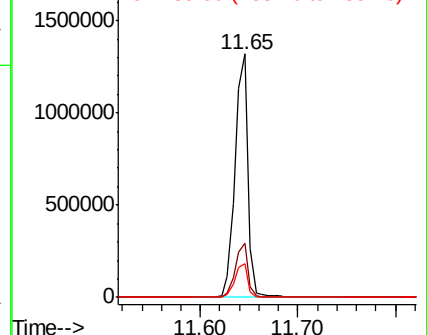


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 35.138 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

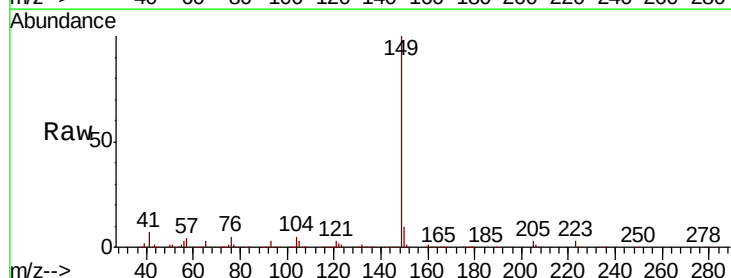
Tgt Ion:149 Resp: 1588759

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

104 5.3 4.3 6.5

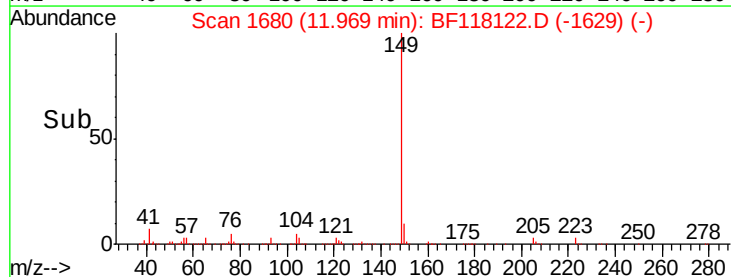
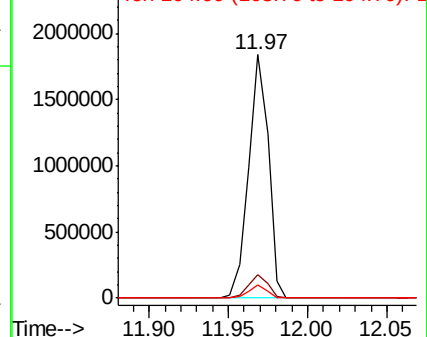


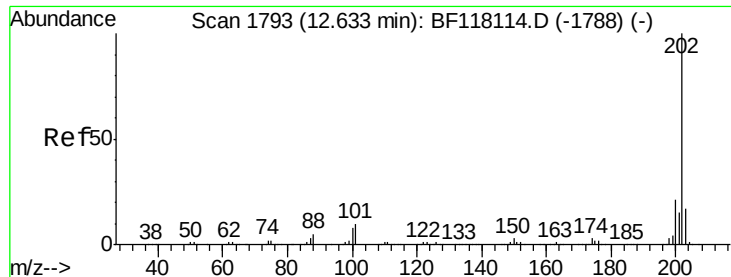
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





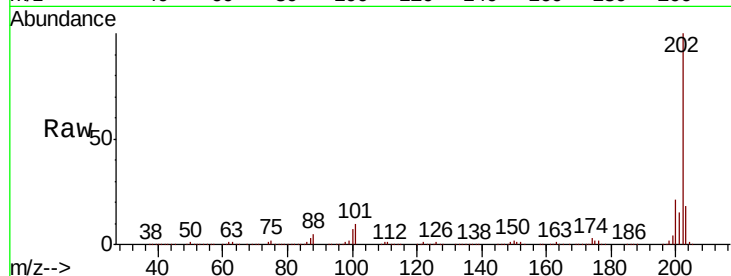
#75
Fluoranthene
Concen: 34.419 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.4
203	17.6	0.0	37.2

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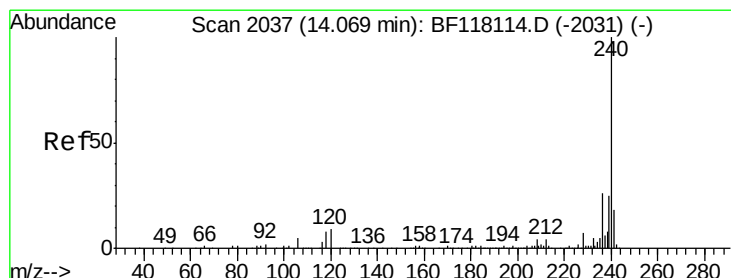
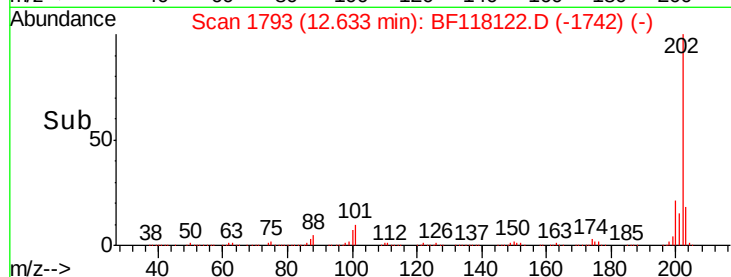
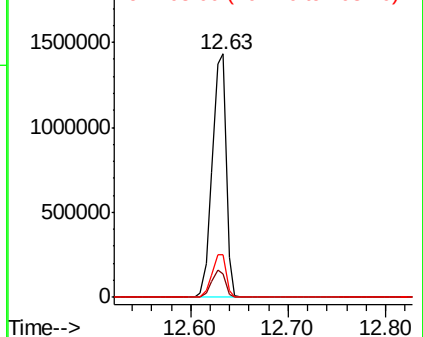


Abundance

Ion 202.00 (201.70 to 202.70): E

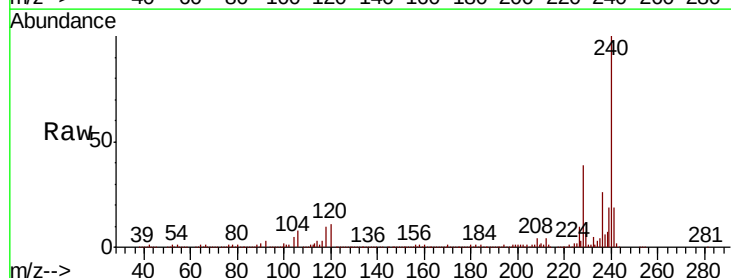
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.1	10.7#
236	25.9	21.0	31.6

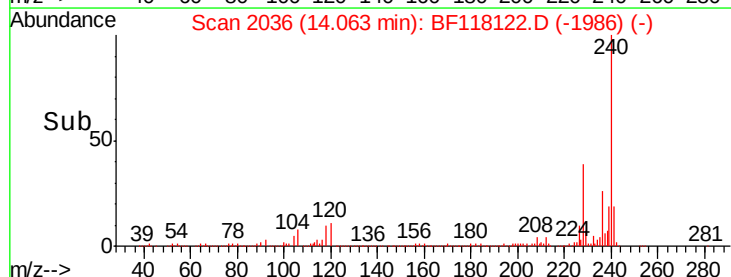
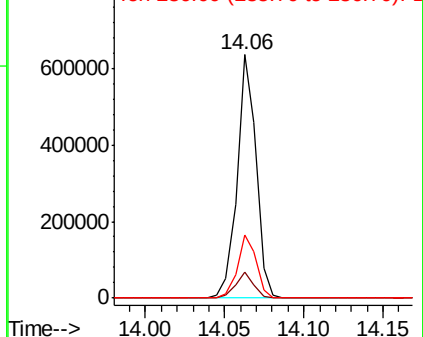


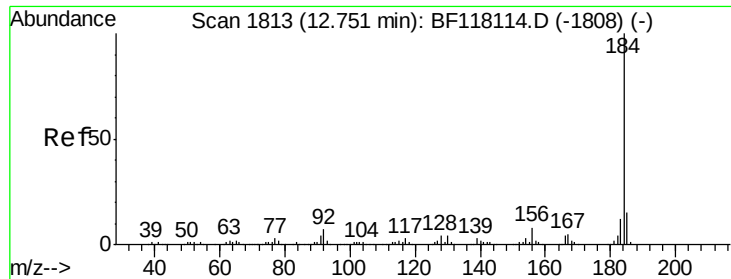
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.951 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

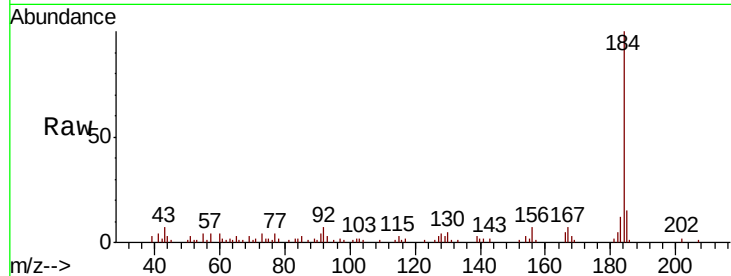
ClientSampleId :

PB125281BS

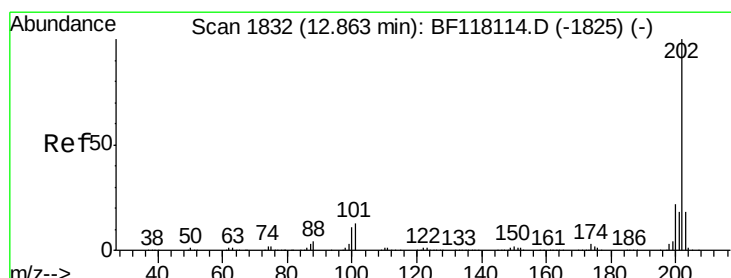
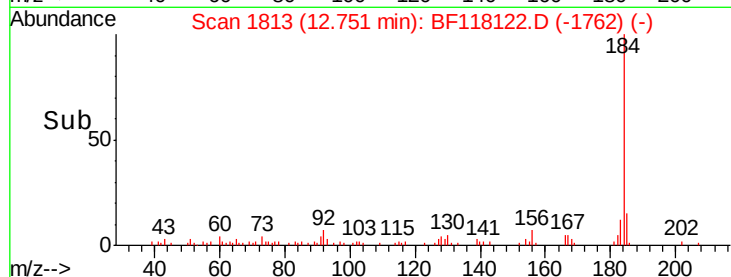
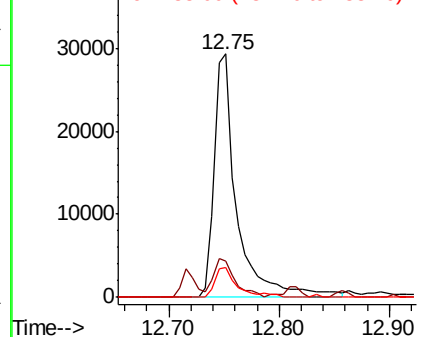
Tot Ion:	184	Resp:	40995
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.3	18.5
183	12.3	9.9	14.9

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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: 34.254 ng

RT: 12.86 min Scan# 1832

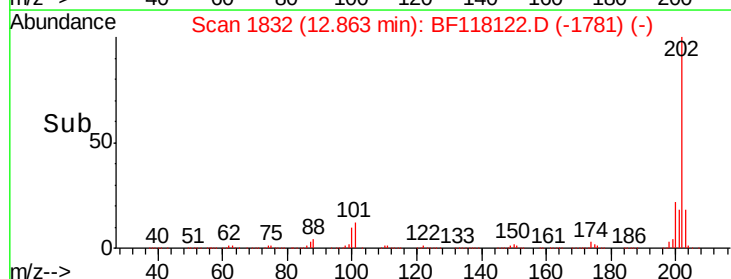
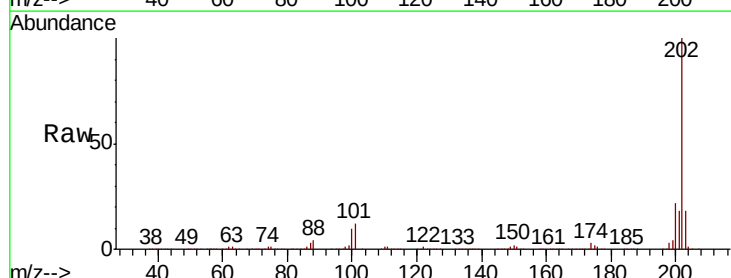
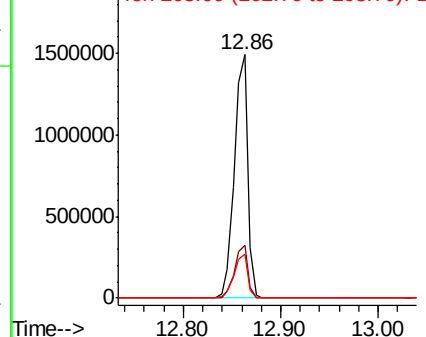
Delta R.T. 0.00 min

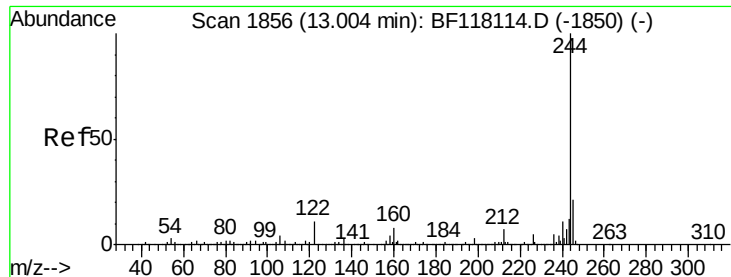
Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Tgt Ion:	202	Resp:	1424331
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.5	26.3
203	17.8	14.6	21.8

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





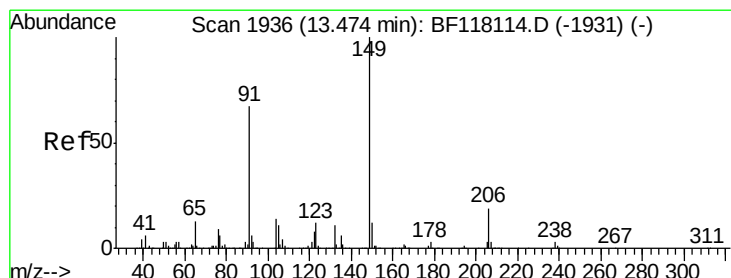
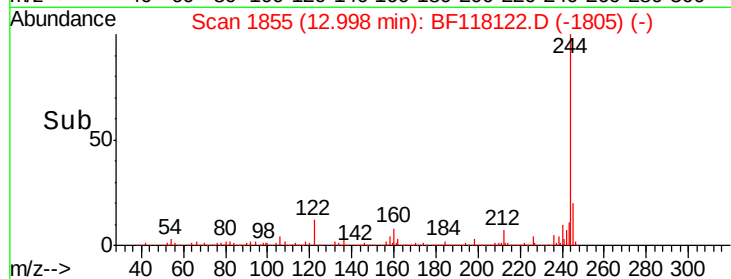
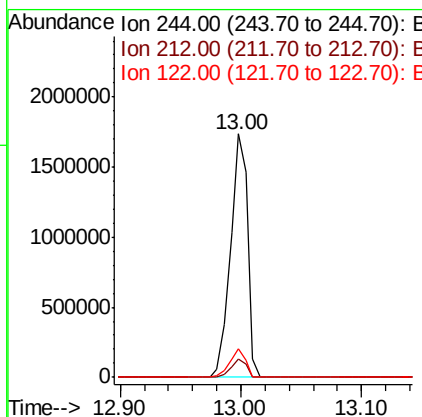
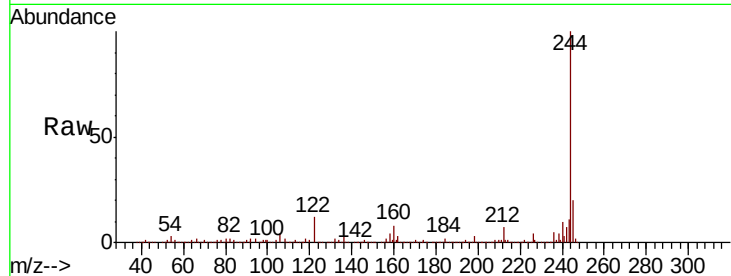
#79
 Terphenyl-d14
 Concen: 55.473 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 PB125281BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.8	9.0	13.6

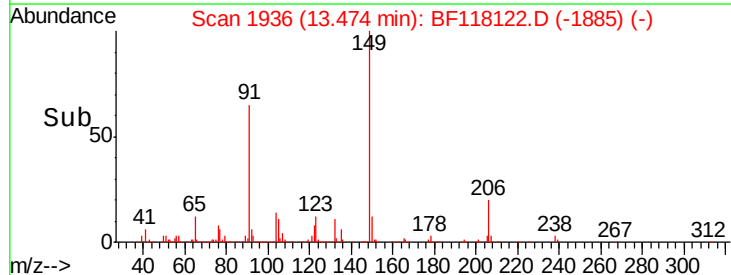
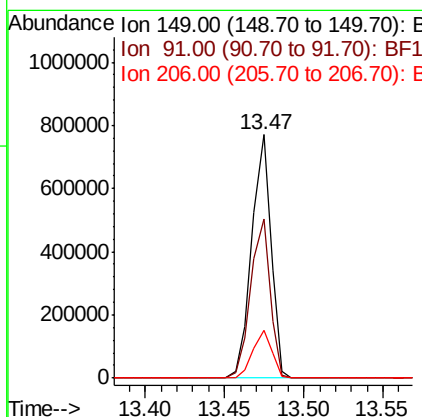
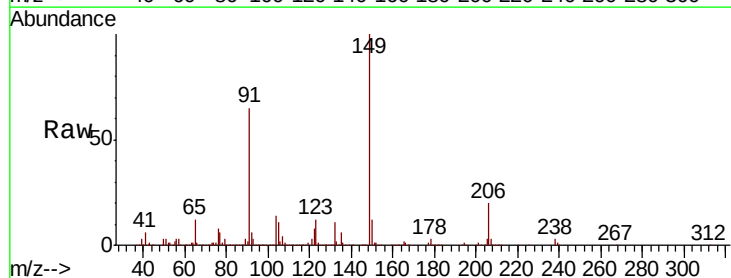
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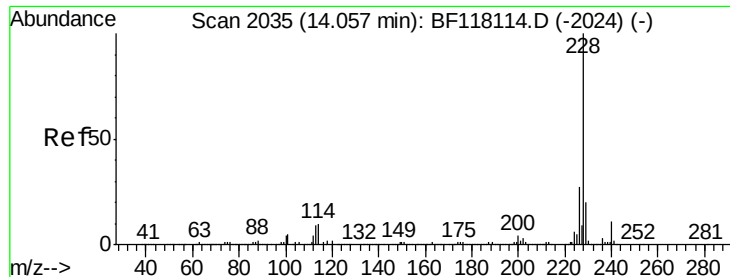
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#80
 Butylbenzylphthalate
 Concen: 34.702 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: BF118122.D
 Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.3	53.9	80.9
206	19.5	15.2	22.8





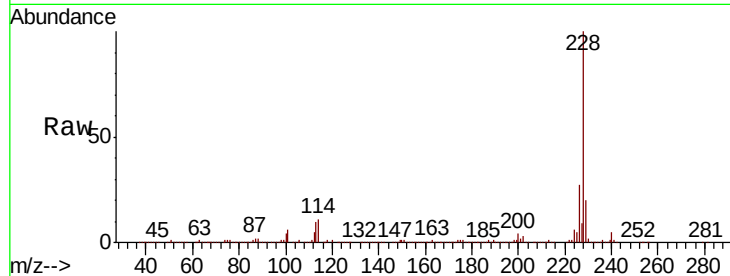
#81
Benzo(a)anthracene
Concen: 32.772 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

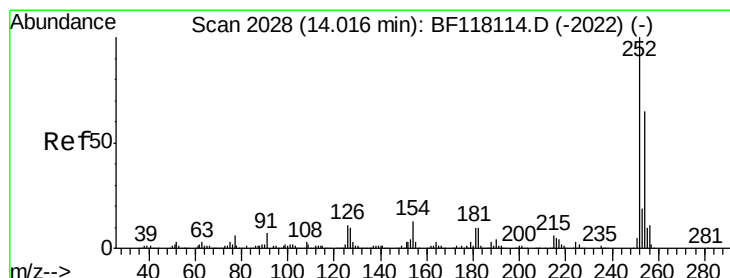
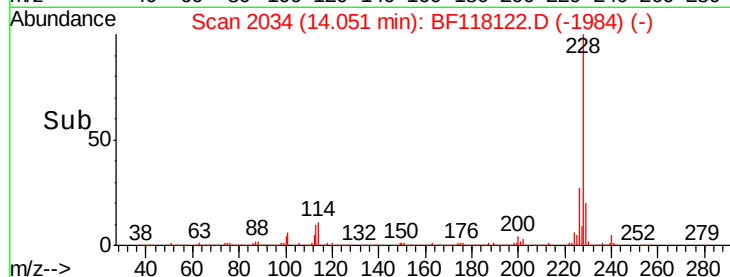
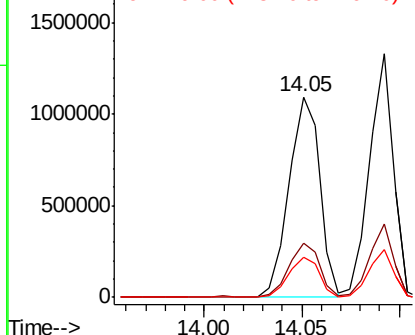
Tot Ion:228 Resp: 1195704
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 20.0 15.8 23.8

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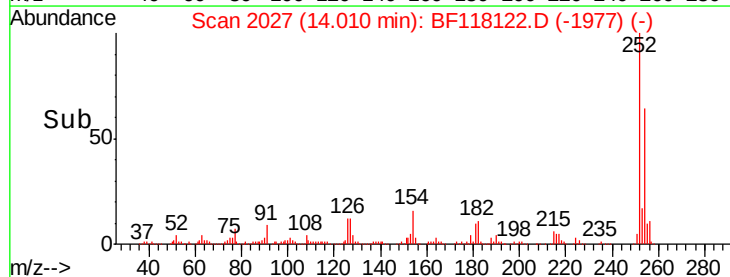
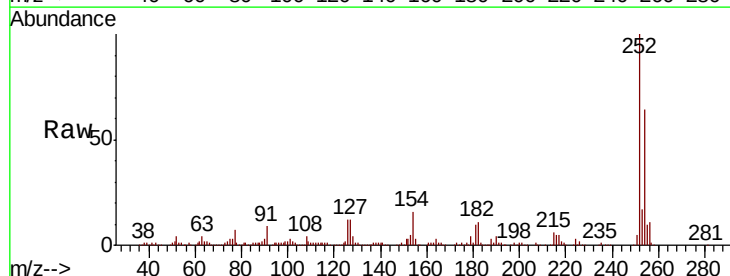
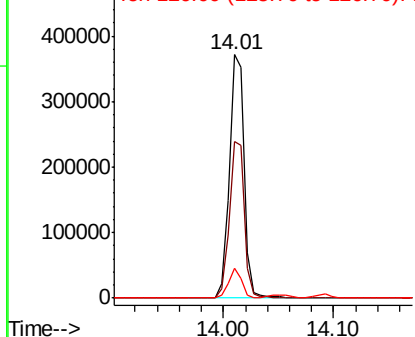
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

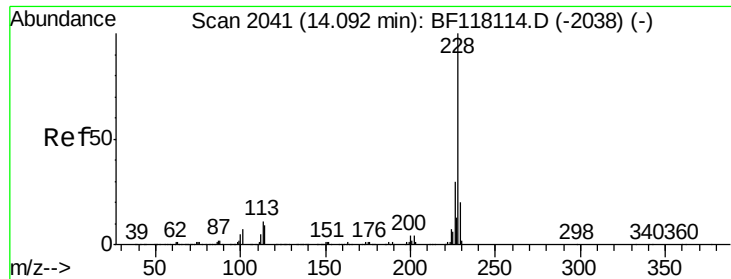


#82
3,3'-Dichlorobenzidine
Concen: 29.311 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion:252 Resp: 351219
Ion Ratio Lower Upper
252 100
254 64.3 52.2 78.4
126 12.0 8.6 13.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





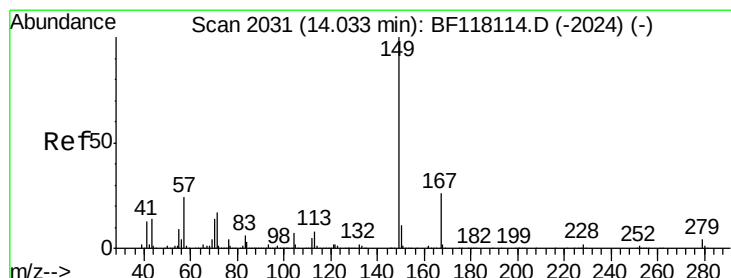
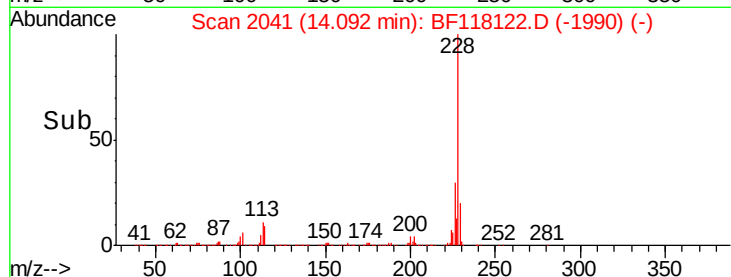
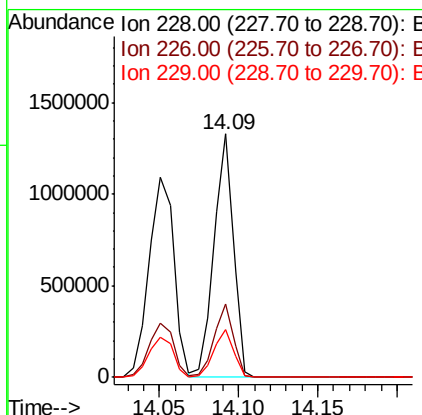
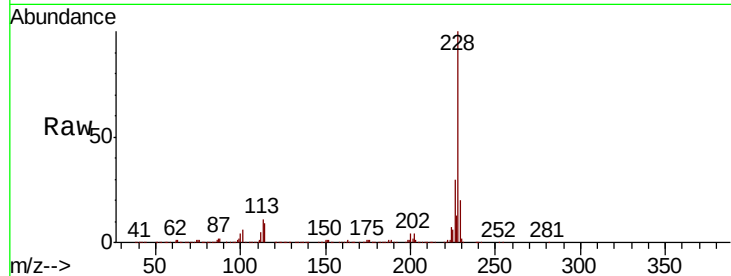
#83
Chrysene
Concen: 32.590 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	19.6	15.7	23.5

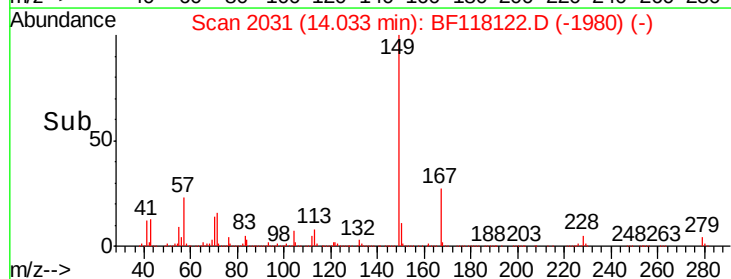
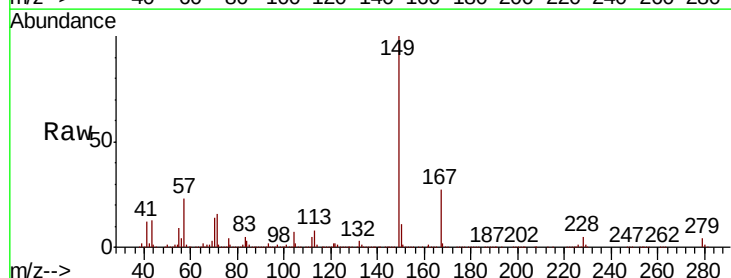
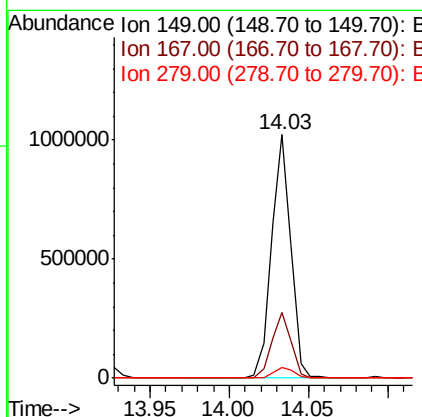
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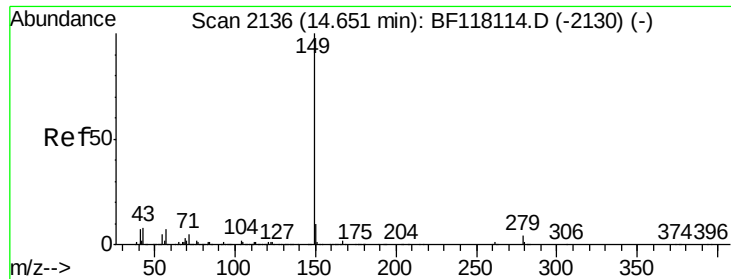
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#84
Bis(2-ethylhexyl)phthalate
Concen: 35.258 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.8	31.2
279	4.2	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 34.602 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

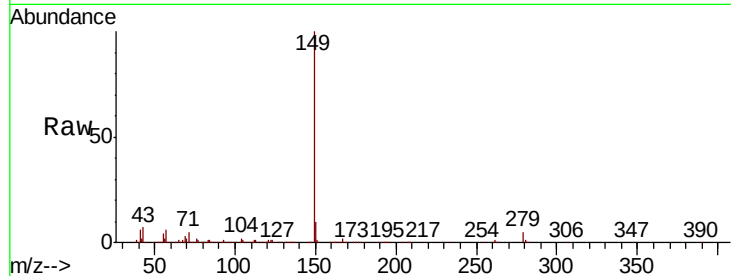
ClientSampleId :

PB125281BS

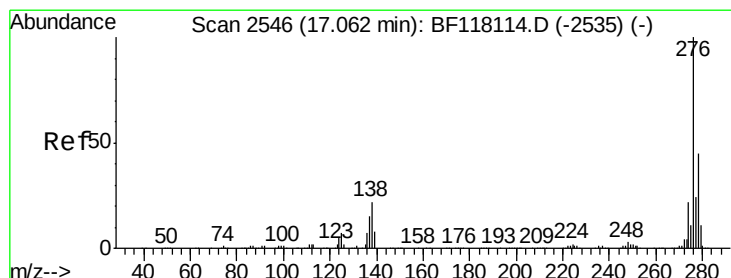
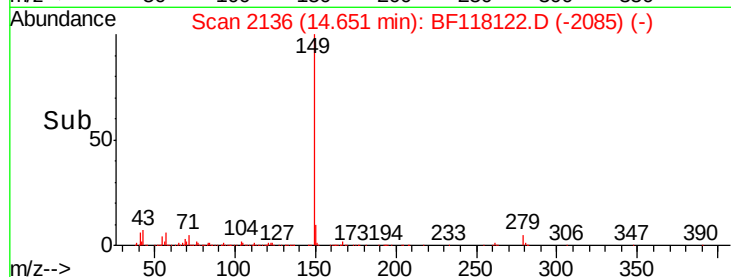
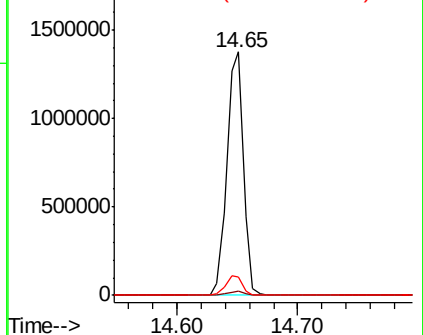
Tot Ion:	149	Resp:	1301542
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	8.0	6.5	9.7

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.594 ng

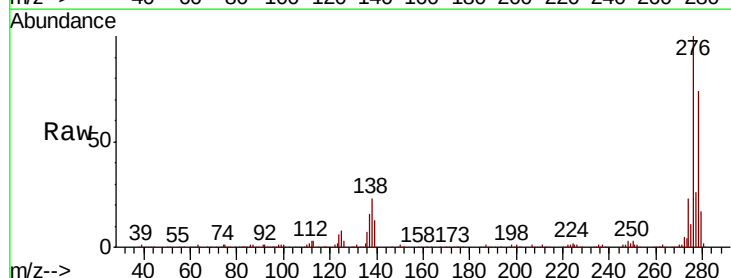
RT: 17.06 min Scan# 2546

Delta R.T. 0.00 min

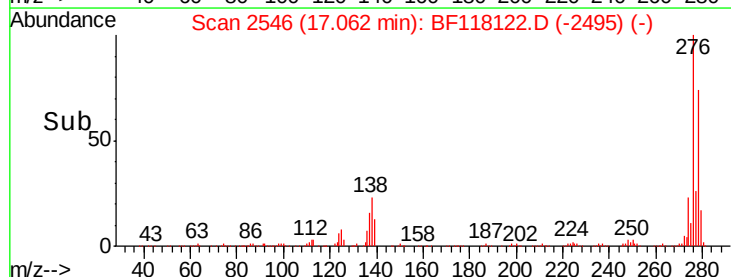
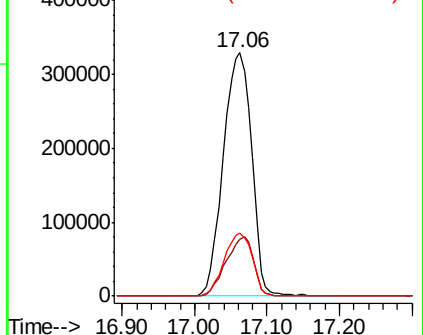
Lab File: BF118122.D

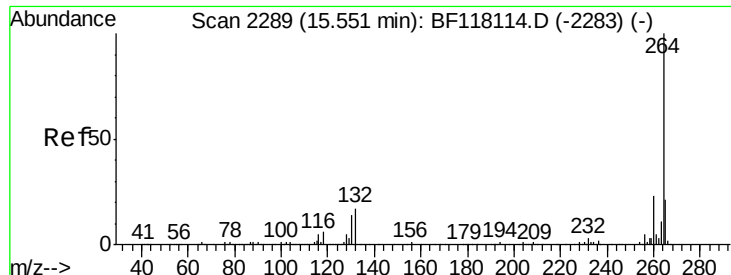
Acq: 7 Dec 2019 12:00

Tgt Ion:	276	Resp:	897165
Ion	Ratio	Lower	Upper
276	100		
138	23.7	18.9	28.3
277	25.7	20.4	30.6



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Instrument :

BNA_F

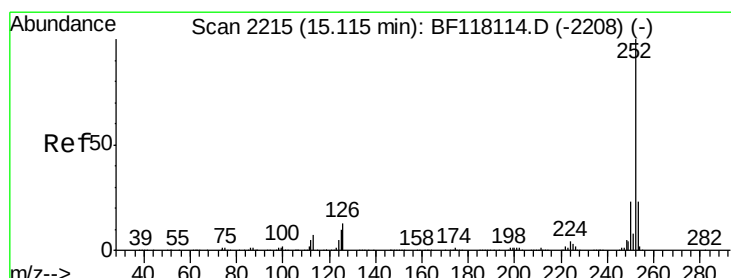
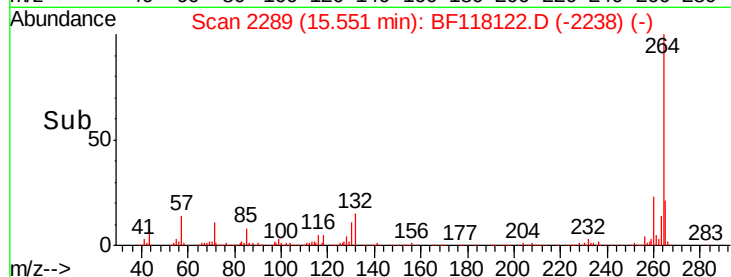
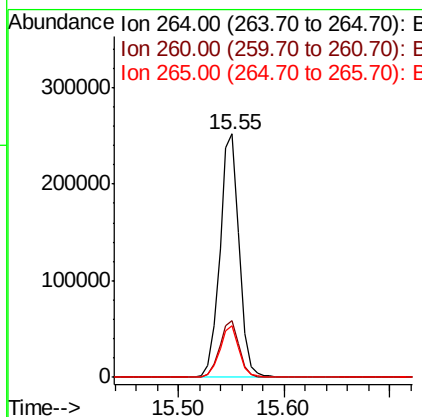
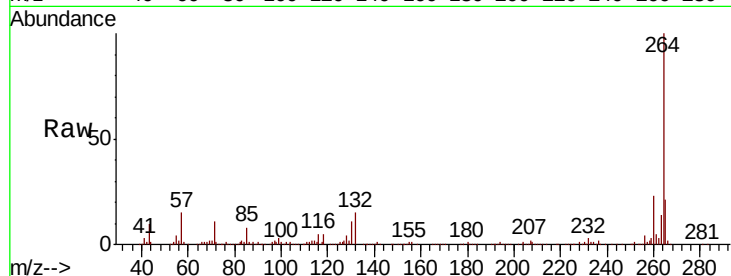
ClientSampleId :

PB125281BS

Tot Ion:	264	Resp:	320283
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.6	28.0
265	21.1	16.8	25.2

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#88

Benzo(b)fluoranthene

Concen: 45.353 ng

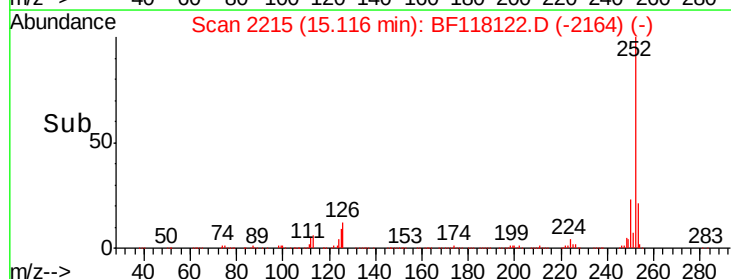
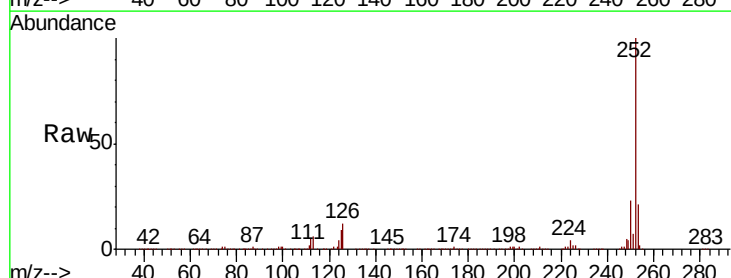
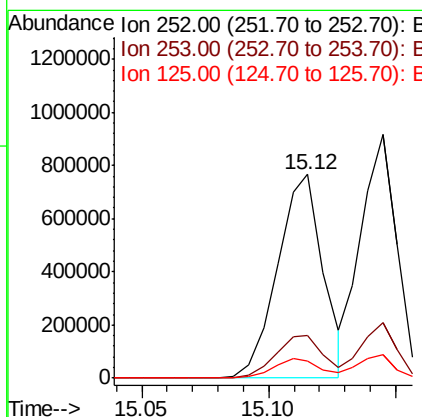
RT: 15.12 min Scan# 2215

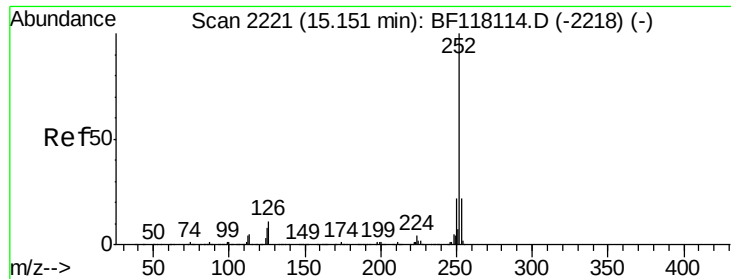
Delta R.T. 0.00 min

Lab File: BF118122.D

Acq: 7 Dec 2019 12:00

Tgt Ion:	252	Resp:	960691
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.2	27.4
125	8.6	8.3	12.5





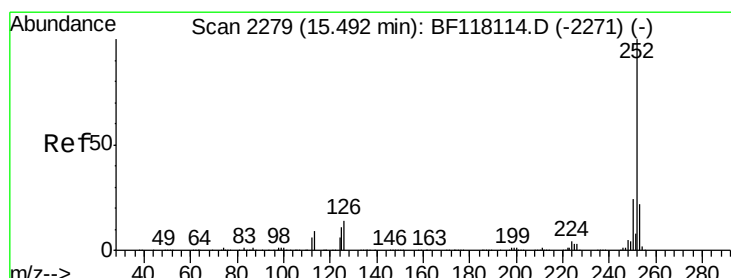
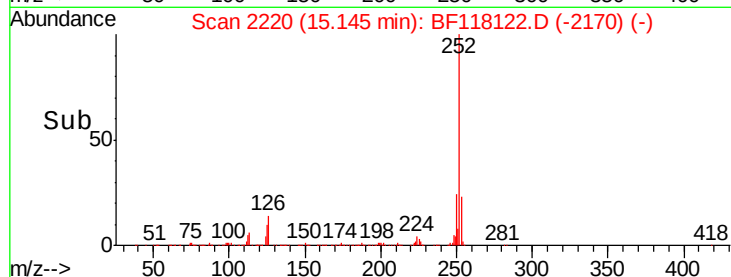
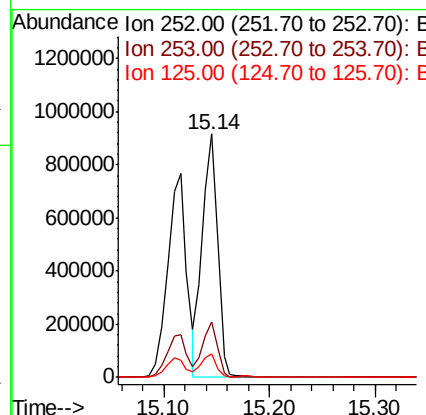
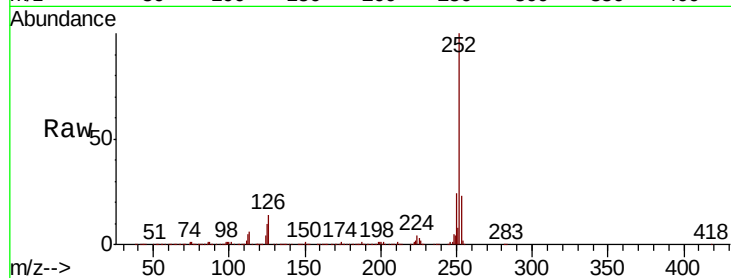
#89
Benzo(k)fluoranthene
Concen: 44.750 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	9.9	6.7	10.1

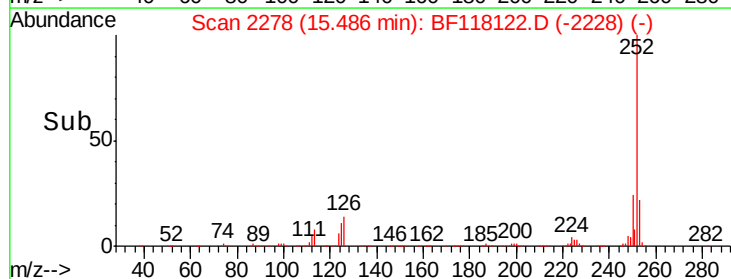
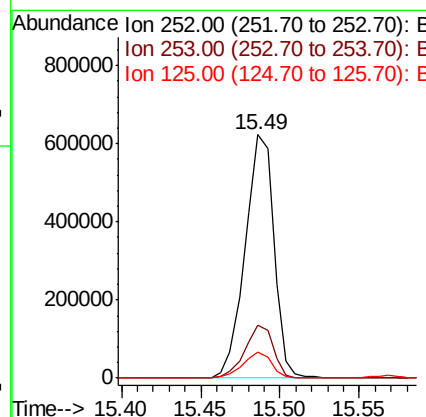
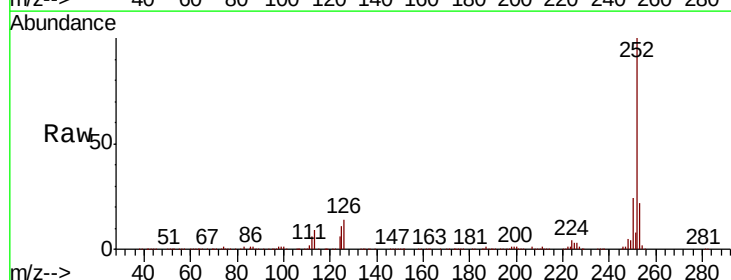
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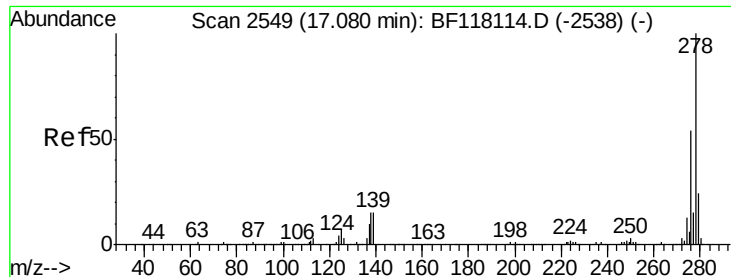
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#90
Benzo(a)pyrene
Concen: 42.283 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.7	9.1	13.7





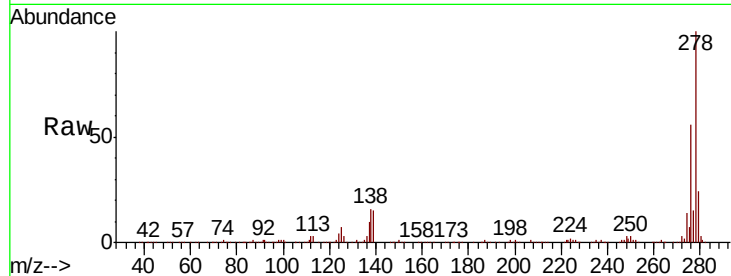
#91
Dibenzo(a,h)anthracene
Concen: 47.874 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.7	17.5
279	24.1	19.0	28.4

Manual Integrations
APPROVED

mohammad
12/10/2019 11:47:23 AM

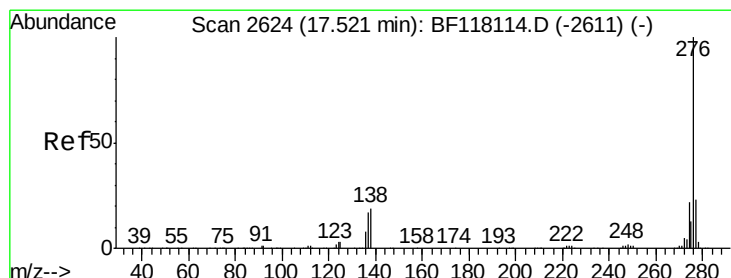
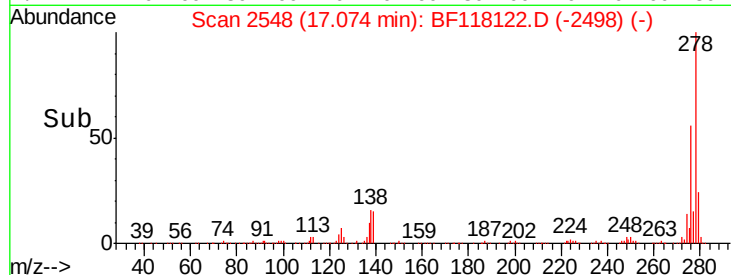
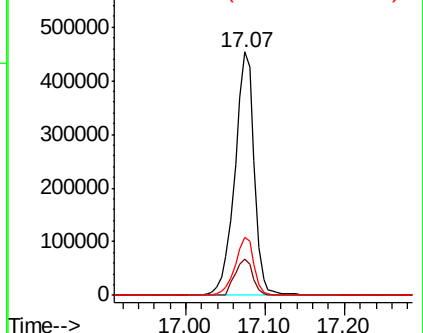


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.062 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.00 min
Lab File: BF118122.D
Acq: 7 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.2	27.4
138	19.3	15.5	23.3

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

