

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118269.D
 Acq On : 18 Dec 2019 20:02
 Operator : JU
 Sample : K6357-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MSD

Manual Integrations
 APPROVED

mohammad
 12/19/2019 11:16:52 AM

Quant Time: Dec 19 03:56:24 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	6.86	152	101298	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	390867	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	205801	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	378593	20.00	ng	0.00
76) Chrysene-d12	14.06	240	242516	20.00	ng	-0.01
87) Perylene-d12	15.54	264	244479	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	691455	119.55	ng	0.00
7) Phenol-d6	6.50	99	870514	124.44	ng	0.00
23) Nitrobenzene-d5	7.43	82	522064	75.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	289292	115.71	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1060190	78.39	ng	-0.01
79) Terphenyl-d14	12.99	244	1184904	84.02	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.64	88	90763	37.218 ng	99
3) Pyridine	3.40	79	219619	34.906 ng	98
4) n-Nitrosodimethylamine	3.35	42	115327	42.608 ng	96
6) Aniline	6.52	93	274610	30.688 ng	96
8) 2-Chlorophenol	6.65	128	303460	46.532 ng	99
9) Benzaldehyde	6.41	77	184475	57.615 ng	96
10) Phenol	6.51	94	378474	47.441 ng	97
11) bis(2-Chloroethyl)ether	6.60	93	260454	45.140 ng	93
12) 1,3-Dichlorobenzene	6.80	146	333399	43.763 ng	96
13) 1,4-Dichlorobenzene	6.88	146	332396	43.330 ng	97
14) 1,2-Dichlorobenzene	7.03	146	320950	44.551 ng	99
15) Benzyl Alcohol	7.00	79	247192	45.268 ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	294428	42.440 ng	94
17) 2-Methylphenol	7.12	107	233108	44.942 ng	99
18) Hexachloroethane	7.37	117	120451	42.612 ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	191929	45.151 ng	99
20) 3+4-Methylphenols	7.27	107	307413	47.184 ng	92
22) Acetophenone	7.27	105	402510	42.864 ng	98
24) Nitrobenzene	7.45	77	296656	43.459 ng	100
25) Isophorone	7.69	82	523068	44.411 ng	100
26) 2-Nitrophenol	7.76	139	164900	45.197 ng	93
27) 2,4-Dimethylphenol	7.80	122	257972	53.008 ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	325683	42.318 ng	100
29) 2,4-Dichlorophenol	8.01	162	250240	44.107 ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	283322	42.731 ng	100
31) Naphthalene	8.17	128	876663	44.659 ng	99
32) Benzoic acid	7.93	122	160623	36.554 ng	99
33) 4-Chloroaniline	8.22	127	106694	12.588 ng	97
34) Hexachlorobutadiene	8.29	225	164901	41.476 ng	99
35) Caprolactam	8.59	113	77625m	44.367 ng	
36) 4-Chloro-3-methylphenol	8.71	107	266033	44.558 ng	100
37) 2-Methylnaphthalene	8.86	142	606418	45.631 ng	99
38) 1-Methylnaphthalene	8.96	142	567620	45.488 ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	262851	42.161 ng	99

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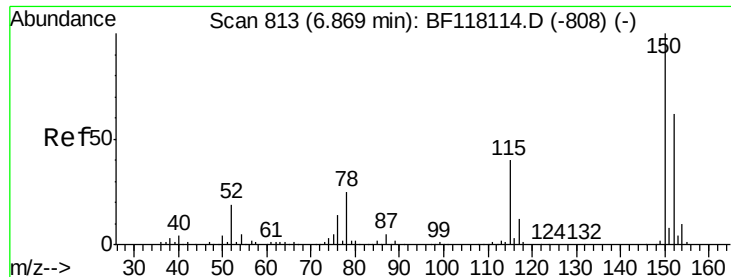
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Quant Time: Dec 19 03:56:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	267040	95.599	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	178345	42.844	nq	97
44) 2,4,5-Trichlorophenol	9.19	196	186427	43.228	nq	96
46) 1,1'-Biphenyl	9.33	154	712457	43.894	nq	100
47) 2-Chloronaphthalene	9.36	162	557463	42.696	nq	99
48) 2-Nitroaniline	9.45	65	151603	40.716	nq	96
49) Acenaphthylene	9.77	152	887798	46.101	nq	99
50) Dimethylphthalate	9.63	163	741642	48.788	nq	98
51) 2,6-Dinitrotoluene	9.70	165	146491	44.318	nq	90
52) Acenaphthene	9.95	154	510796	43.456	nq	97
53) 3-Nitroaniline	9.87	138	70523	18.129	nq	92
54) 2,4-Dinitrophenol	9.98	184	133176	80.983	nq	97
55) Dibenzofuran	10.12	168	773766	44.926	nq	99
56) 4-Nitrophenol	10.04	139	212322	78.649	nq	99
57) 2,4-Dinitrotoluene	10.10	165	195595	44.334	nq	98
58) Fluorene	10.46	166	609700	44.545	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	157391	44.236	nq	99
60) Diethylphthalate	10.33	149	660528	44.102	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	302866	43.978	nq	98
62) 4-Nitroaniline	10.49	138	152427	37.570	nq	98
63) Azobenzene	10.62	77	566171	44.282	nq	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	96438	46.125	nq	93
66) n-Nitrosodiphenylamine	10.57	169	541276	45.782	nq	100
67) 4-Bromophenyl-phenylether	10.94	248	189182	43.775	nq	97
68) Hexachlorobenzene	11.02	284	216696	42.600	nq	95
70) Pentachlorophenol	11.22	266	205839	86.047	nq	99
71) Phenanthrene	11.43	178	896589	44.550	nq	100
72) Anthracene	11.48	178	930334	46.339	nq	99
73) Carbazole	11.64	167	794073	44.083	nq	100
74) Di-n-butylphthalate	11.96	149	1021149	45.296	nq	99
75) Fluoranthene	12.62	202	902547	43.863	nq	97
77) Benzidine	12.74	184	356807	55.888	nq	99
78) Pyrene	12.86	202	899056	47.043	nq	98
80) Butylbenzylphthalate	13.47	149	394857	45.621	nq	93
81) Benzo(a)anthracene	14.05	228	753614	44.940	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	141734	25.735	nq	98
83) Chrysene	14.09	228	714204	44.587	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	546659	47.899	nq	99
85) Di-n-octyl phthalate	14.64	149	848550	49.082	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	811366	60.199	nq	100
88) Benzo(b)fluoranthene	15.11	252	706389	43.688	nq	98
89) Benzo(k)fluoranthene	15.14	252	646814	41.641	nq	# 98
90) Benzo(a)pyrene	15.49	252	612359	42.881	nq	99
91) Dibenzo(a,h)anthracene	17.08	278	676168	55.205	nq	99
92) Benzo(g,h,i)perylene	17.52	276	692378	58.826	nq	98

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



#1

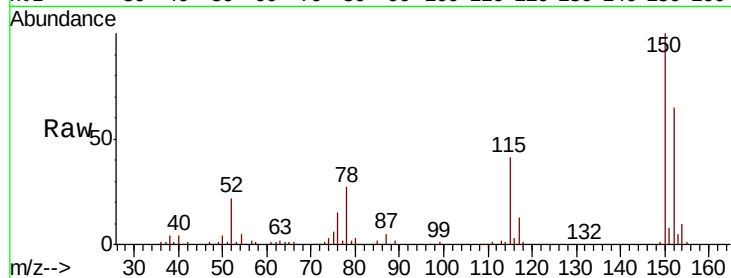
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	128.3	192.5
115	63.0	51.1	76.7

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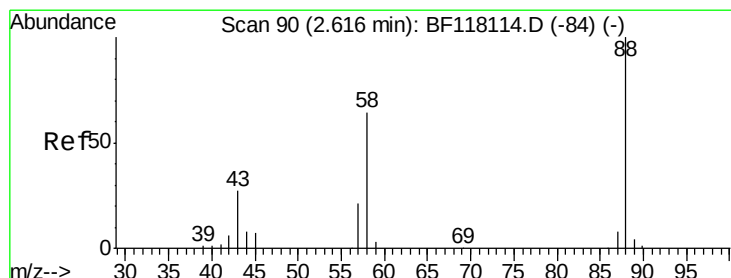
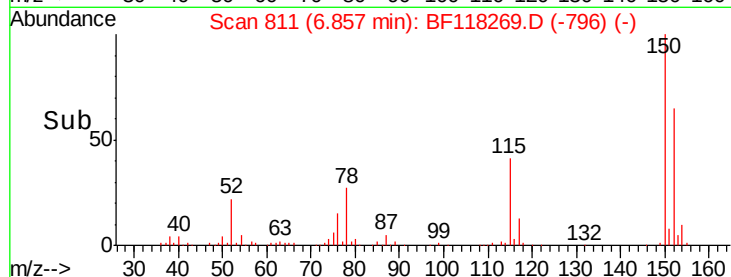
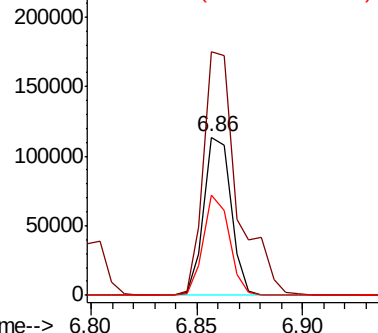


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

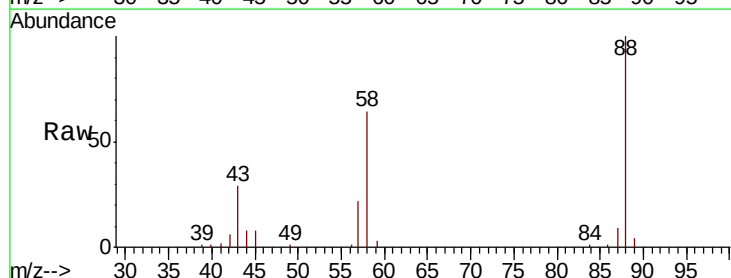
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.218 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.02 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.4	52.2	78.4
43	27.6	21.4	32.2

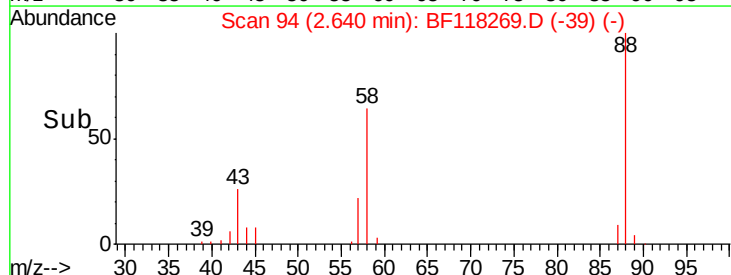
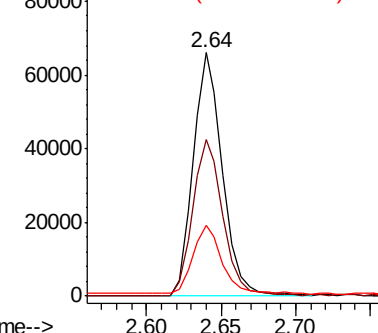


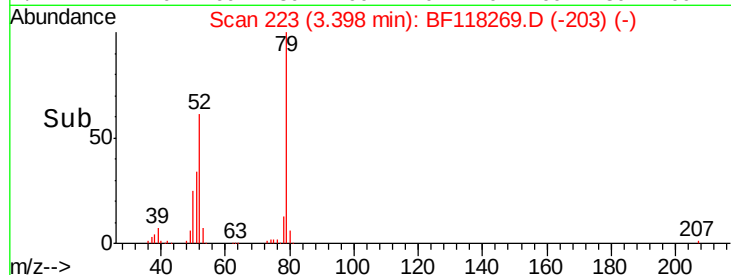
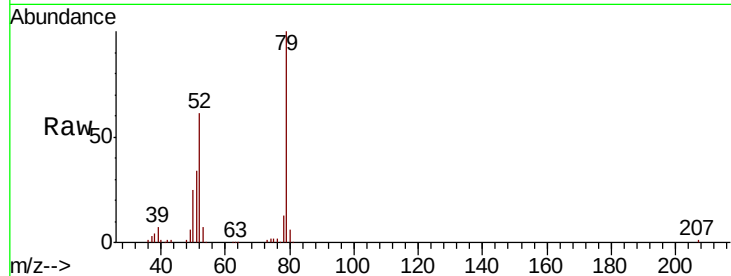
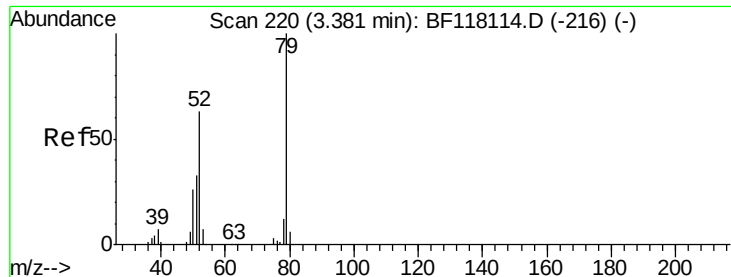
Abundance

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





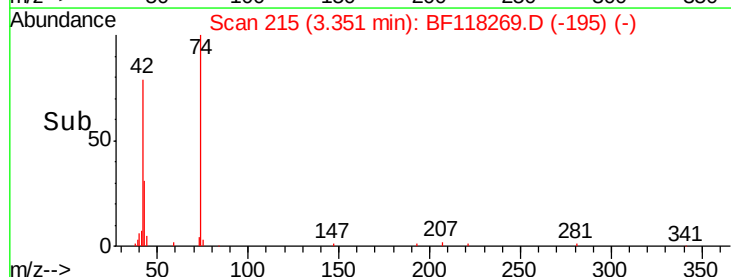
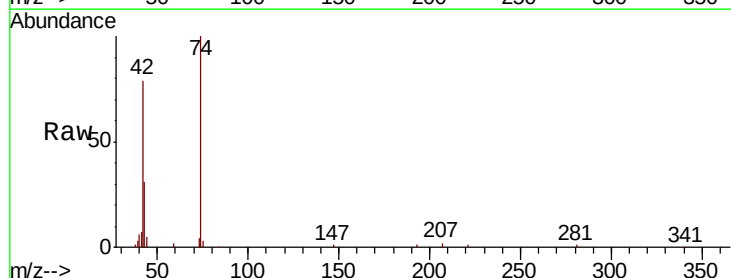
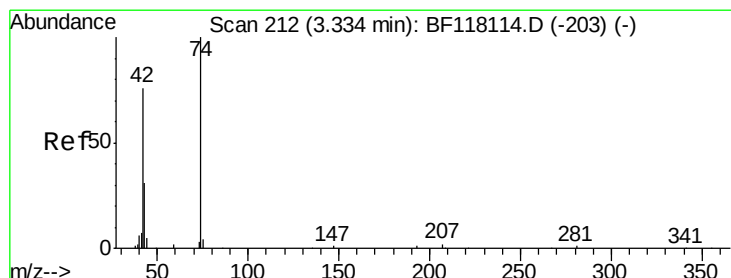
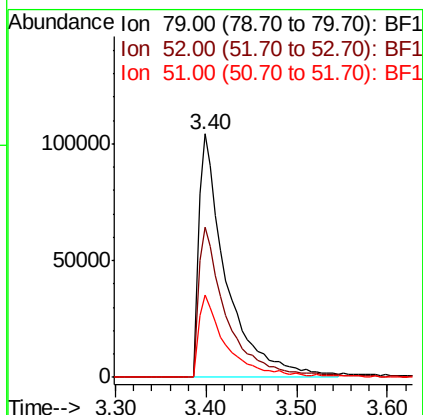
#3
 Pvridine
 Concen: 34.906 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.02 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.4	50.7	76.1
51	33.7	26.4	39.6

Instrument :
 BNA_F
 ClientSampled :
 PF-01MSD

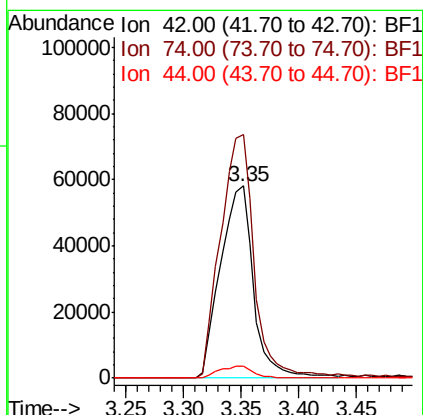
Manual Integrations
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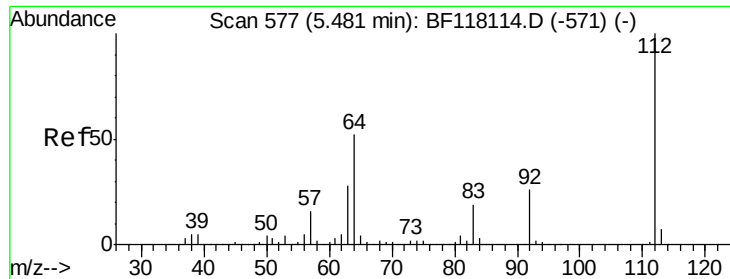
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#4
 n-Nitrosodimethylamine
 Concen: 42.608 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.02 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.6	104.6	157.0
44	5.9	5.1	7.7





#5

2-Fluorophenol

Concen: 119.554 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

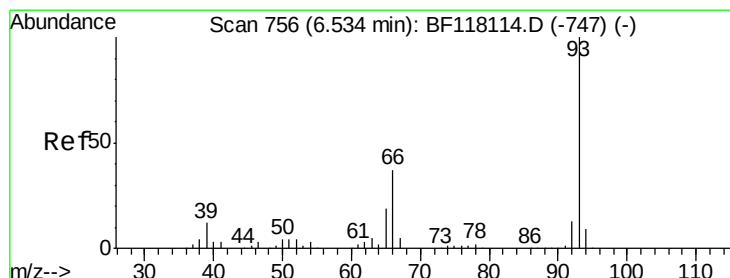
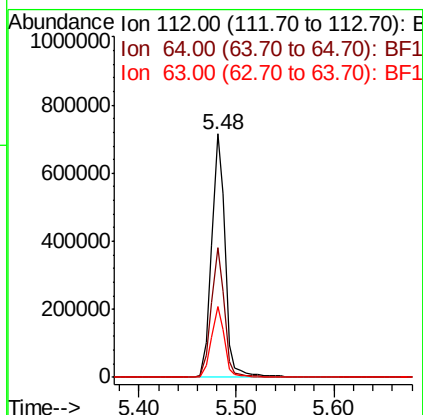
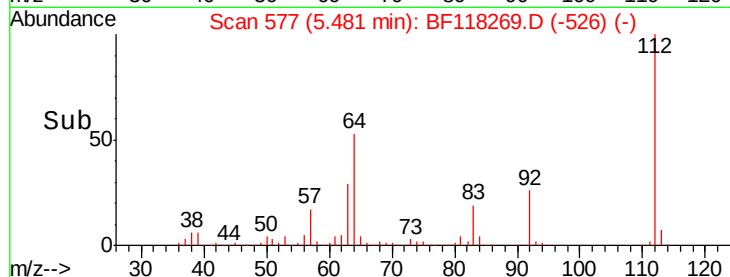
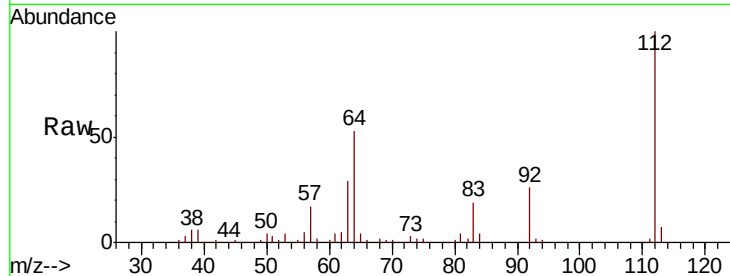
ClientSampleId :

PF-01MSD

Tot Ion:	112	Resp:	691455
Ion Ratio	Lower	Upper	
112	100		
64	53.1	41.3	61.9
63	29.1	22.4	33.6

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#6

Aniline

Concen: 30.688 ng

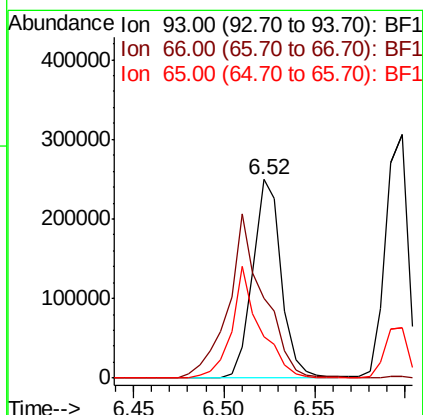
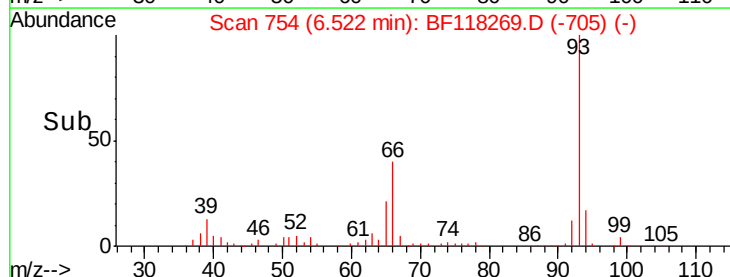
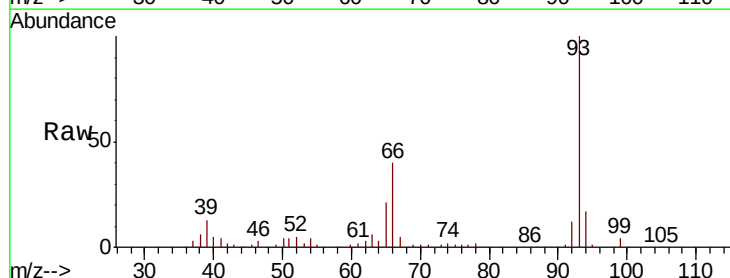
RT: 6.52 min Scan# 754

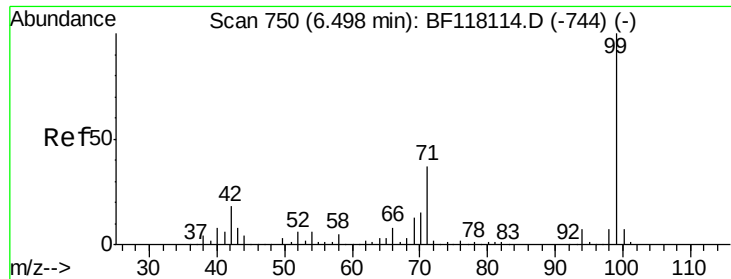
Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Tgt Ion:	93	Resp:	274610
Ion Ratio	Lower	Upper	
93	100		
66	40.3	30.2	45.2
65	20.6	15.5	23.3





#7

Phenol-d6

Concen: 124.440 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

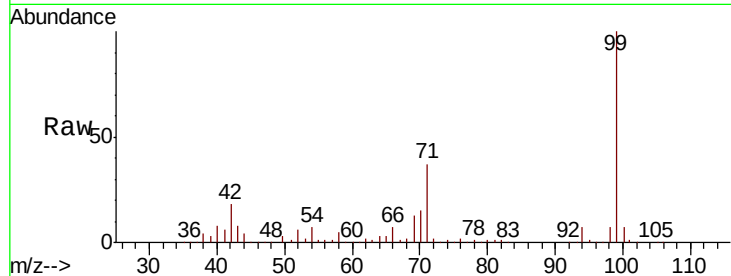
ClientSampleId :

PF-01MSD

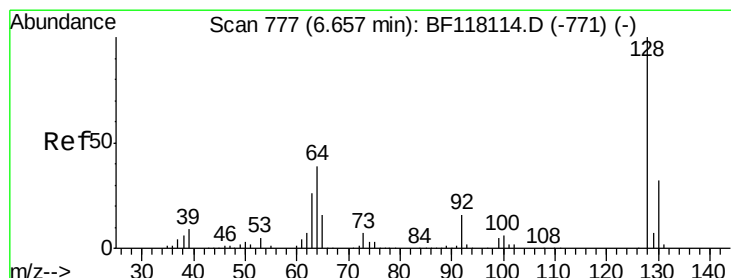
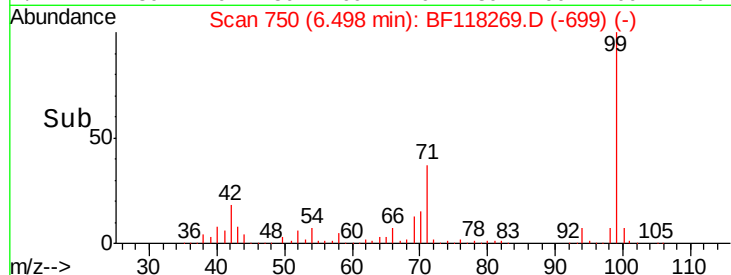
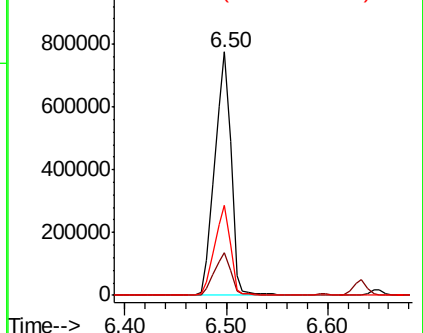
Tot Ion:	99	Resp:	870514
Ion Ratio	Lower	Upper	
99	100		
42	17.7	14.1	21.1
71	36.8	29.7	44.5

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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: 46.532 ng

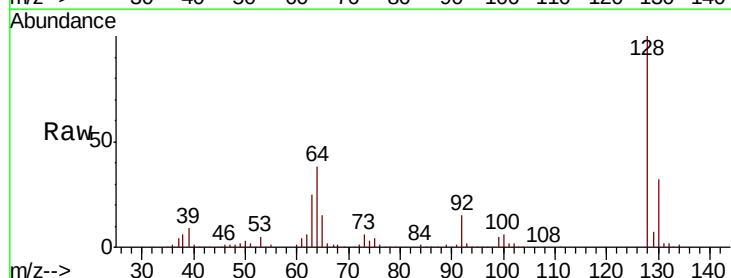
RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

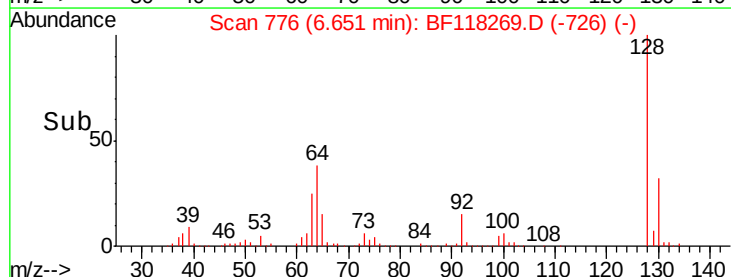
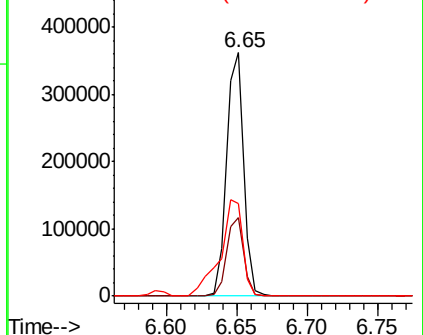
Lab File: BF118269.D

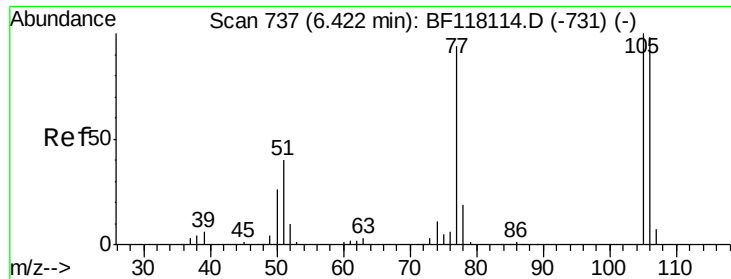
Acq: 18 Dec 2019 20:02

Tgt Ion:	128	Resp:	303460
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.1	52.1
64	37.8	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: 57.615 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

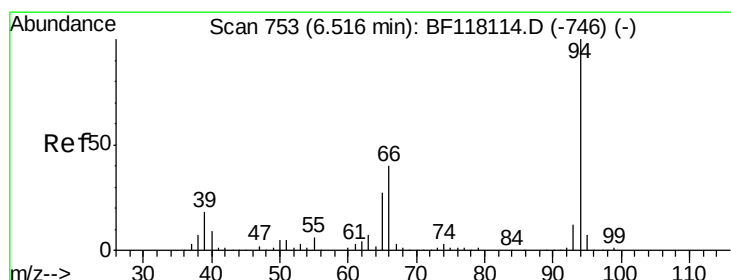
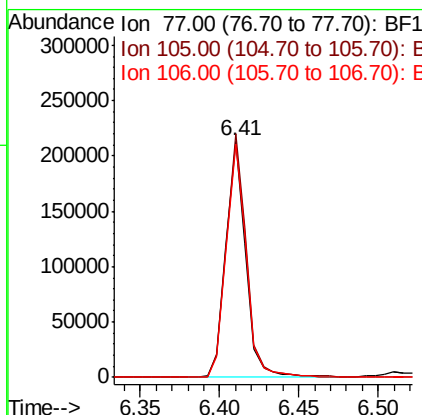
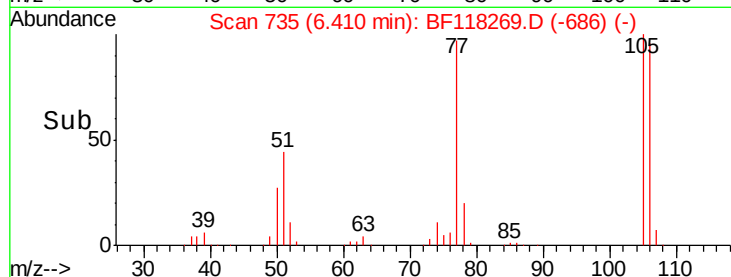
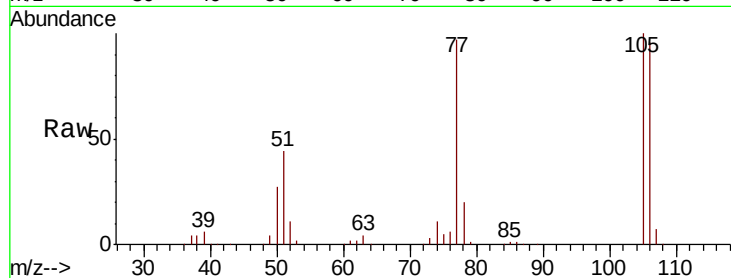
ClientSampleId :

PF-01MSD

Tot Ion:	77	Resp:	184475
Ion	Ratio	Lower	Upper
77	100		
105	103.1	86.4	126.4
106	98.9	83.8	123.8

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#10

Phenol

Concen: 47.441 ng

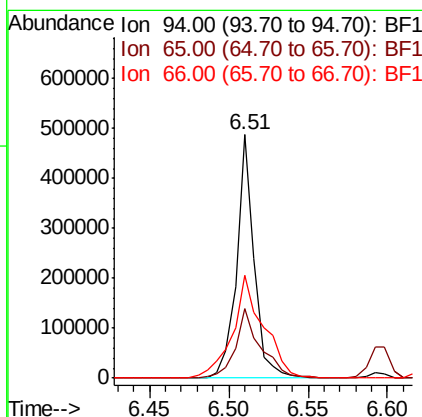
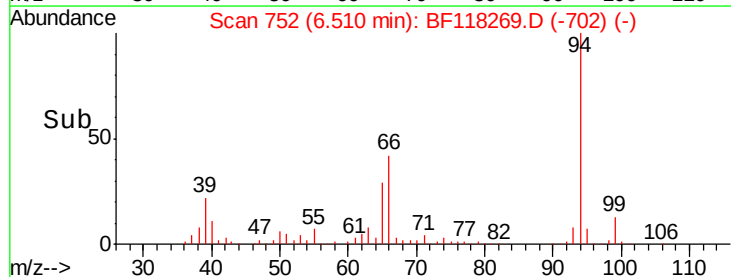
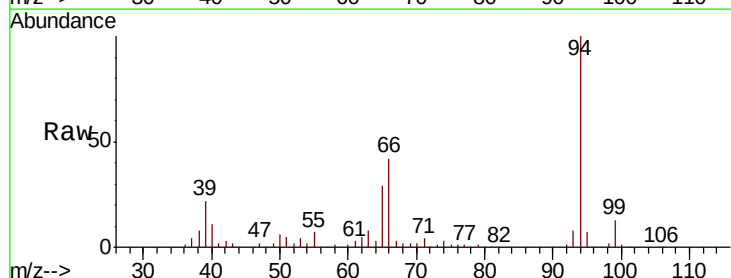
RT: 6.51 min Scan# 752

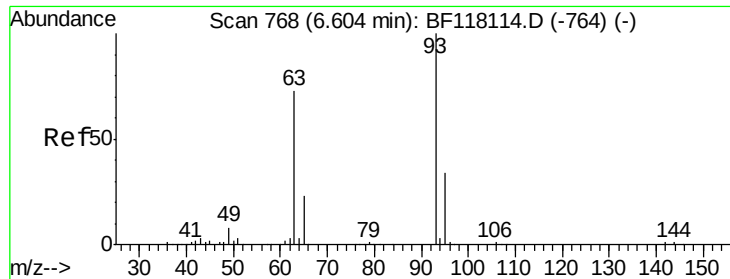
Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Tgt Ion:	94	Resp:	378474
Ion	Ratio	Lower	Upper
94	100		
65	28.7	7.3	47.3
66	42.4	20.2	60.2





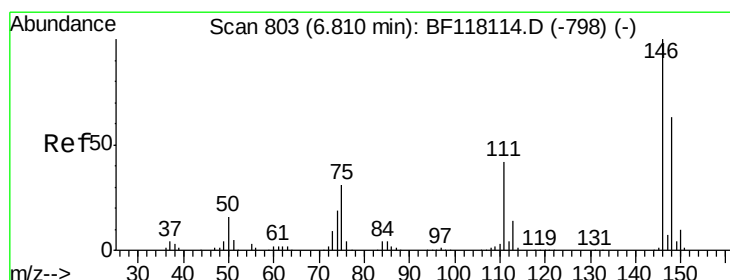
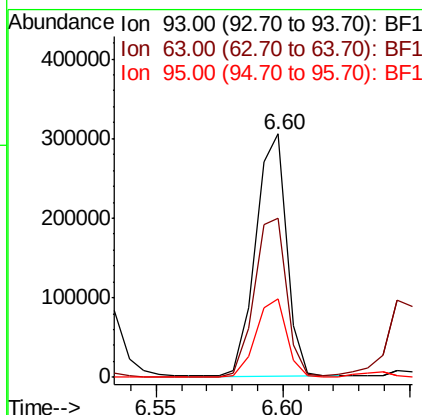
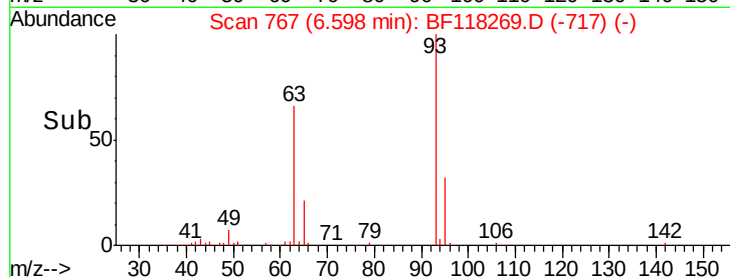
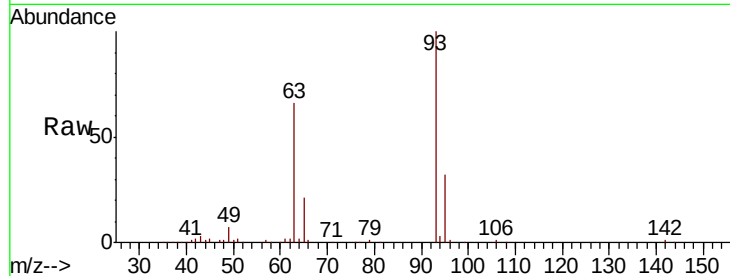
#11
bis(2-Chloroethyl)ether
Concen: 45.140 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion:	93	Resp:	260454
Ion	Ratio	Lower	Upper
93	100		
63	65.5	53.2	93.2
95	32.3	13.8	53.8

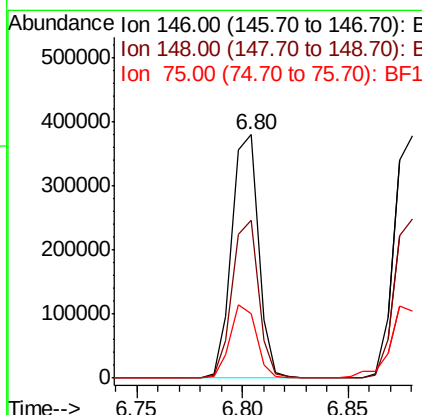
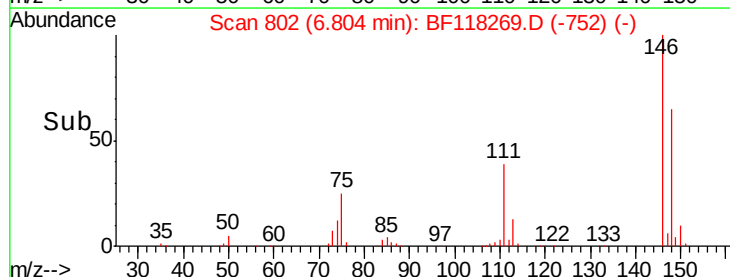
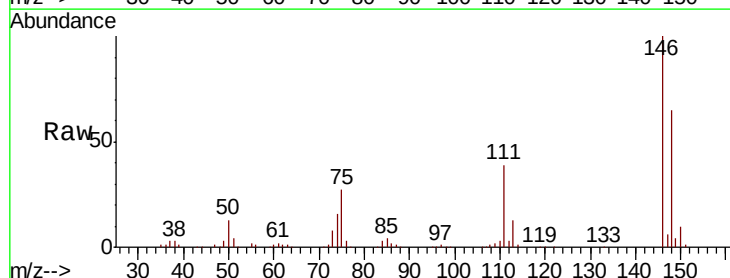
Manual Integrations
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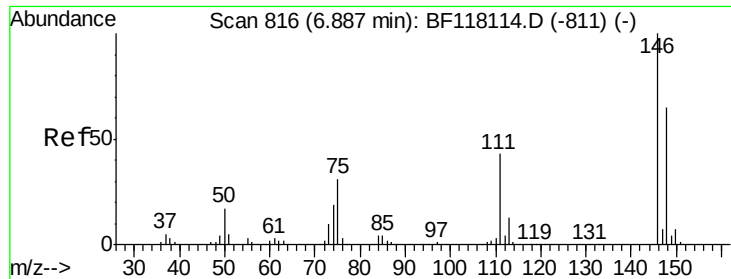
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.763 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion:	146	Resp:	333399
Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.2	75.4
75	26.6	24.6	37.0





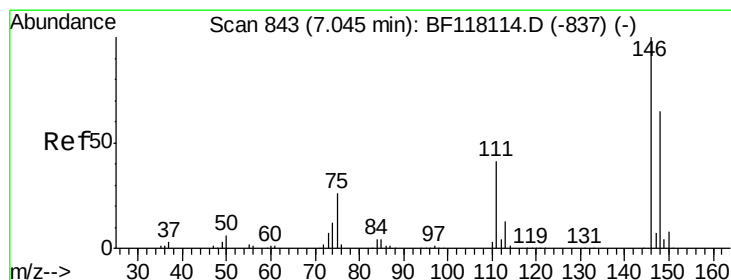
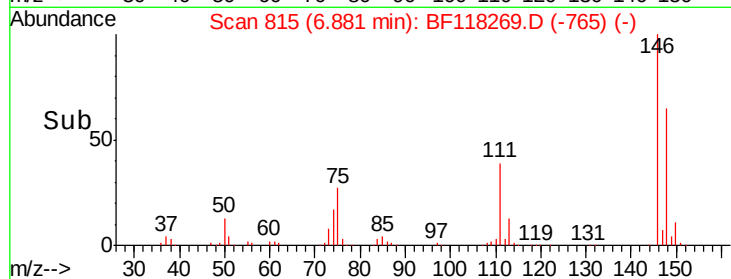
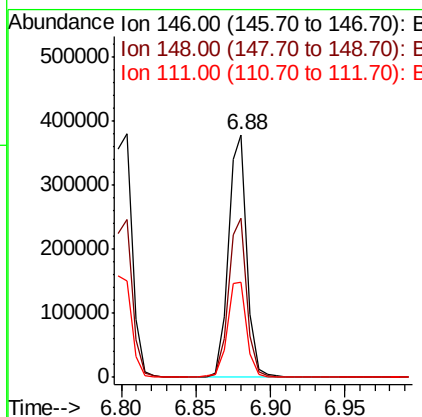
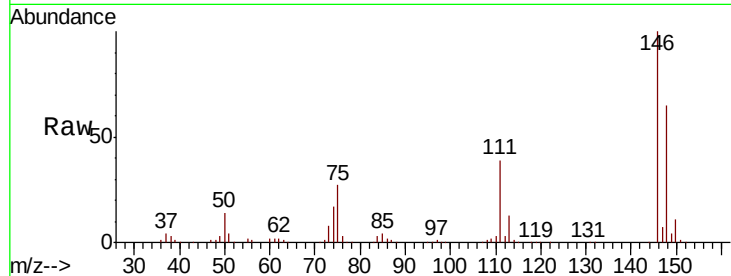
#13
1,4-Dichlorobenzene
Concen: 43.330 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.1	78.1
111	39.3	34.6	52.0

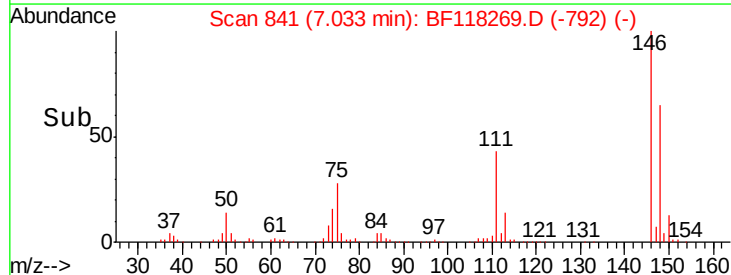
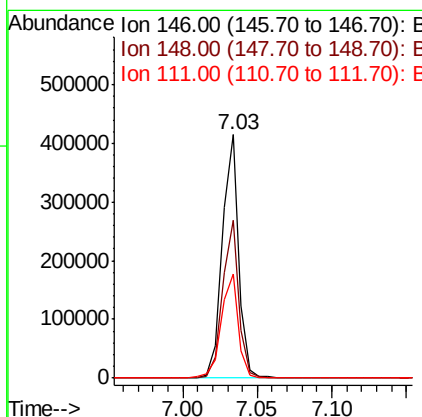
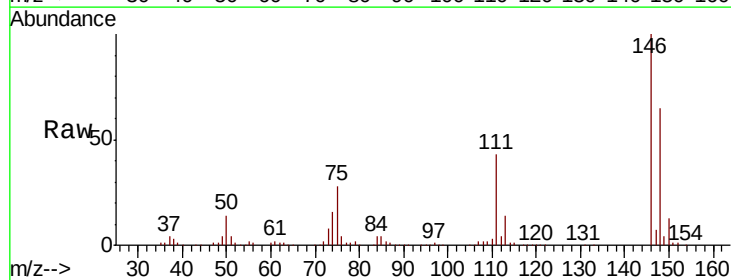
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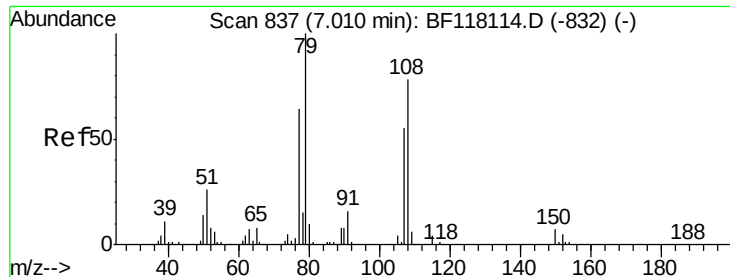
mohammad
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#14
1,2-Dichlorobenzene
Concen: 44.551 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
111	43.0	33.1	49.7





#15

Benzyl Alcohol

Concen: 45.268 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

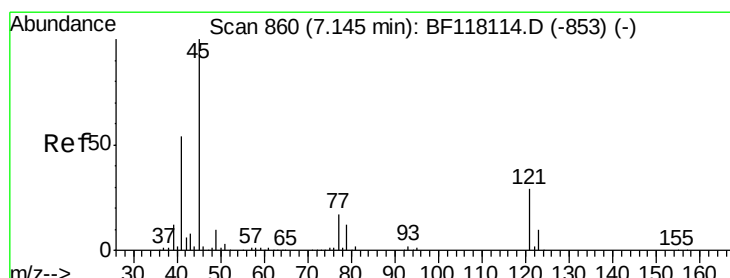
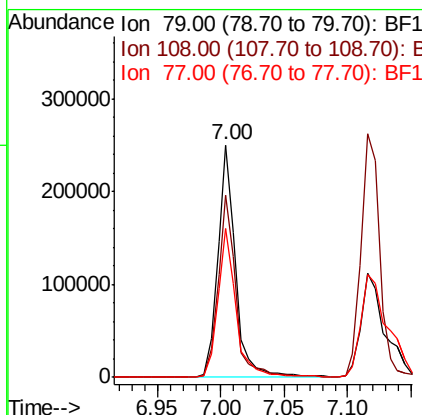
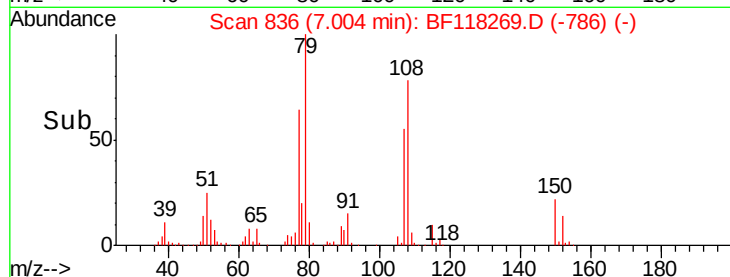
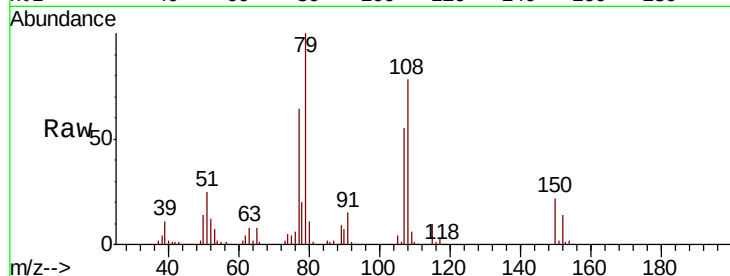
ClientSampleId :

PF-01MSD

Tot Ion:	79	Resp:	247192
Ion	Ratio	Lower	Upper
79	100		
108	78.1	62.7	94.1
77	64.1	51.4	77.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.440 ng

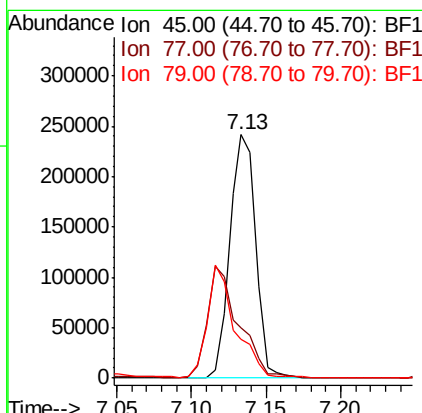
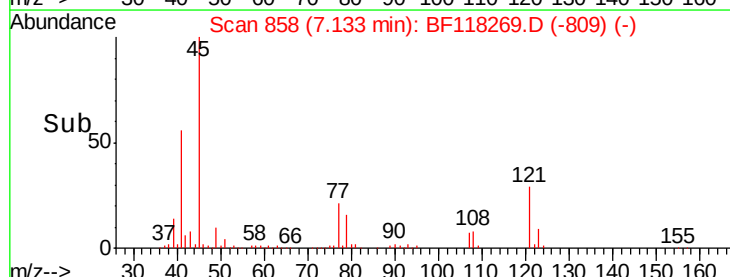
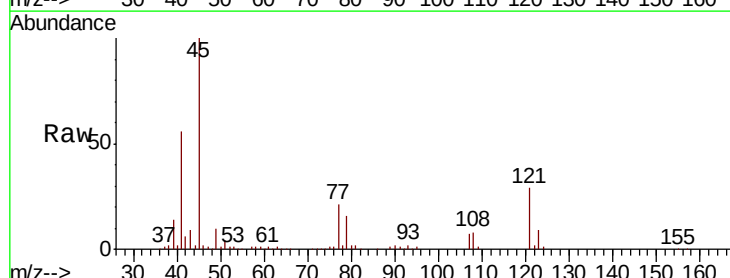
RT: 7.13 min Scan# 858

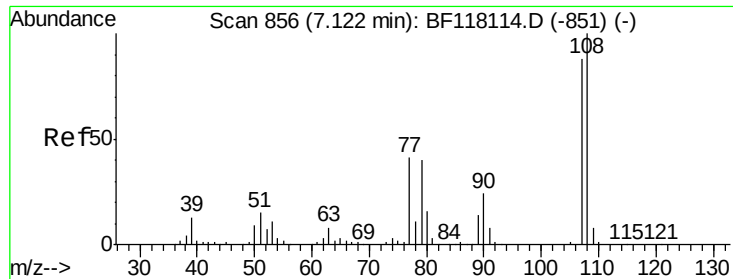
Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Tgt Ion:	45	Resp:	294428
Ion	Ratio	Lower	Upper
45	100		
77	20.8	0.0	38.0
79	15.7	0.0	33.2





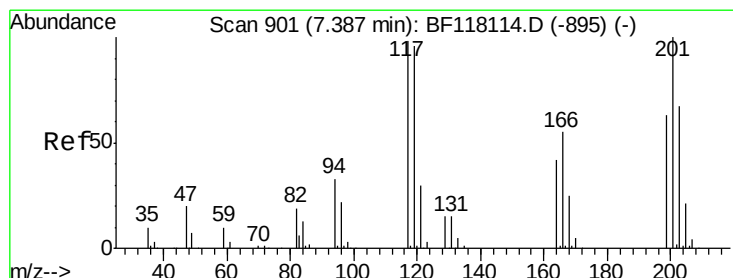
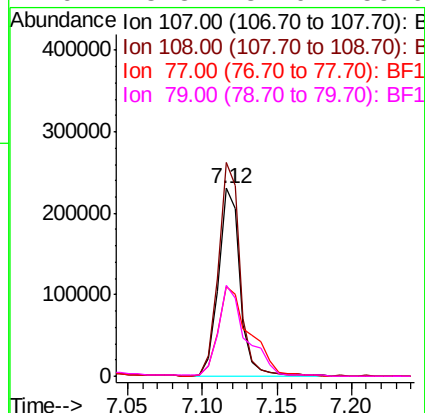
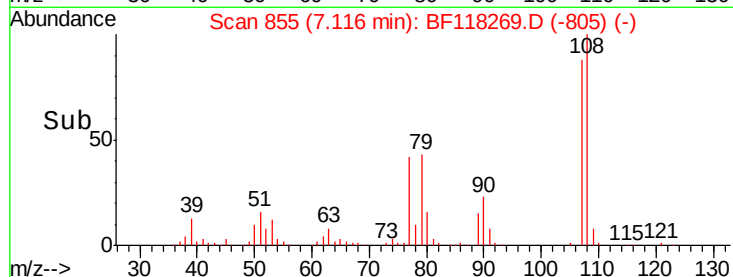
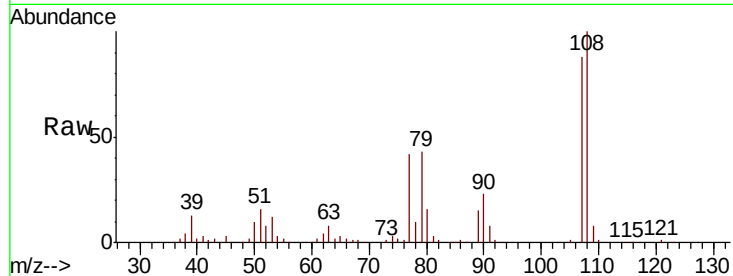
#17
2-Methylphenol
Concen: 44.942 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	91.1	136.7	
77	47.8	37.8	56.6	
79	48.3	37.0	55.6	

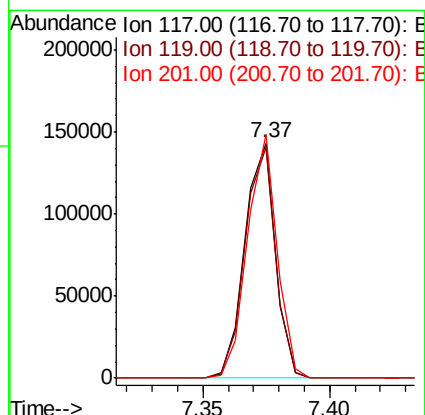
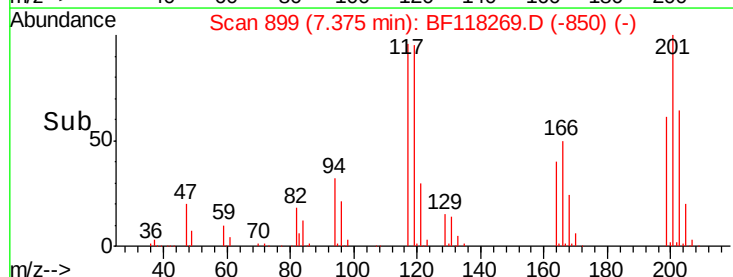
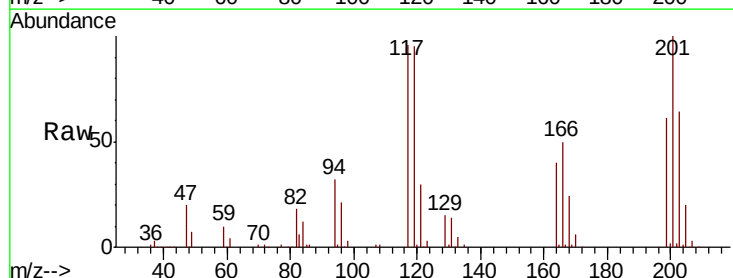
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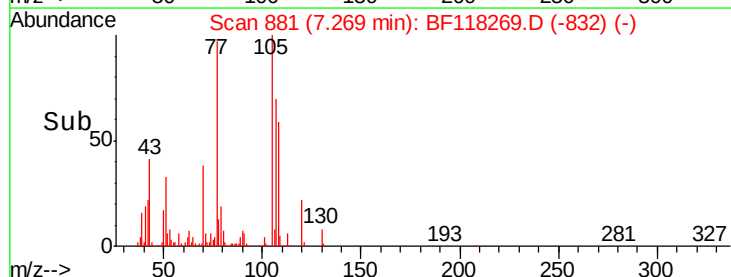
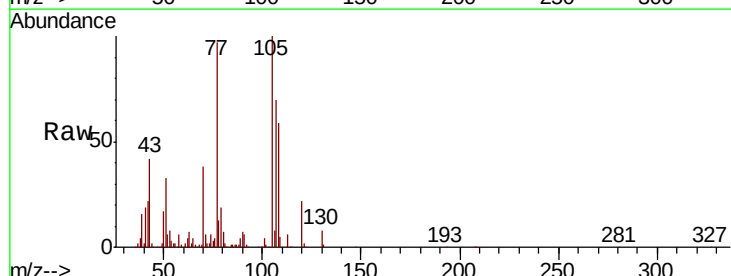
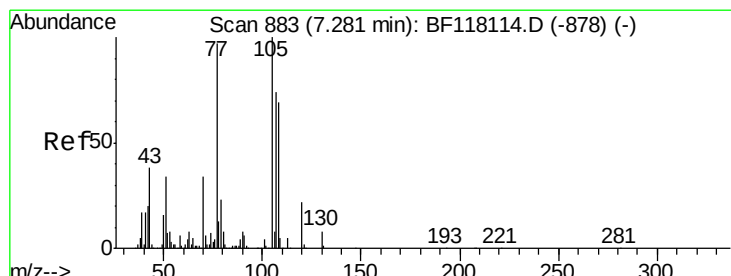
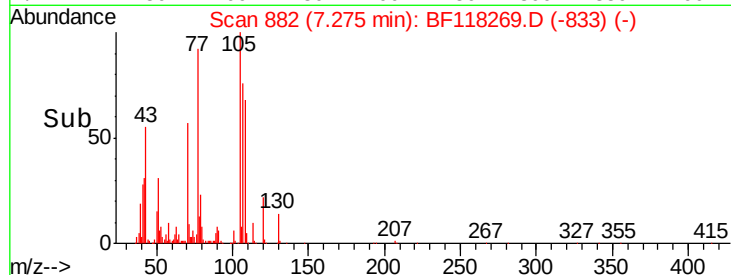
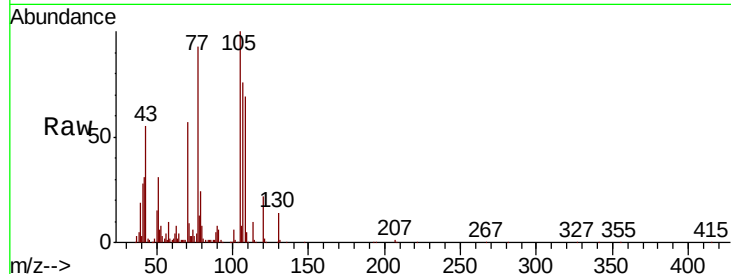
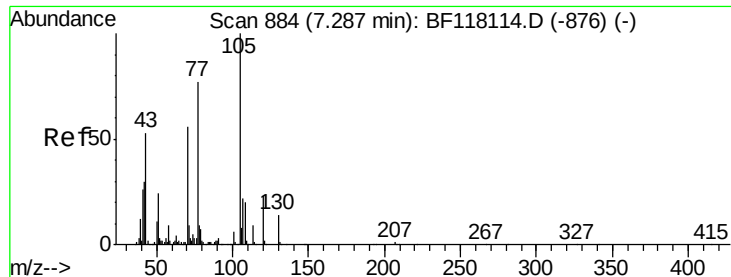
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#18
Hexachloroethane
Concen: 42.612 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	78.2	117.4	
201	103.7	81.6	122.4	





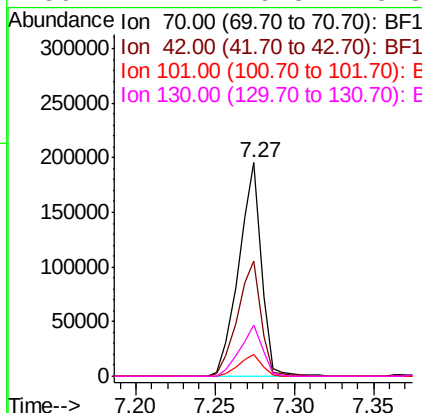
#19
n-Nitroso-di-n-propylamine
Concen: 45.151 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.8	43.2	64.8	
101	10.2	8.1	12.1	
130	24.1	19.8	29.8	

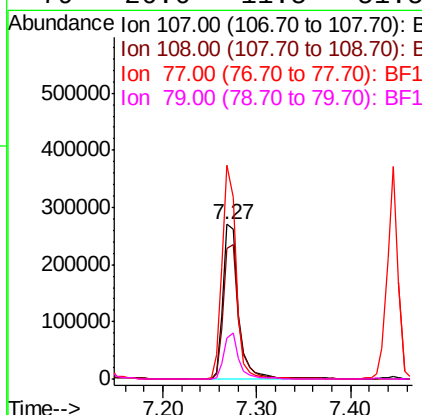
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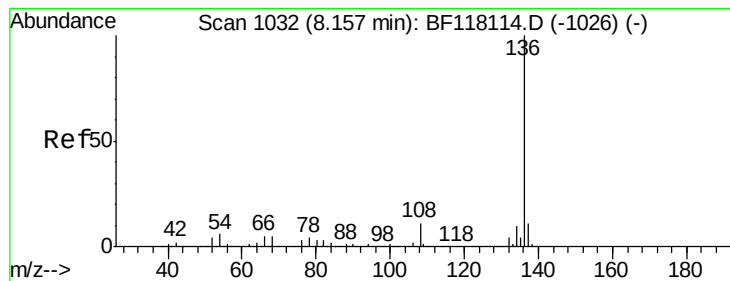
mohammad
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#20
3+4-Methylphenols
Concen: 47.184 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.2	73.2	113.2	
77	138.4	110.9	150.9	
79	26.6	11.5	51.5	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

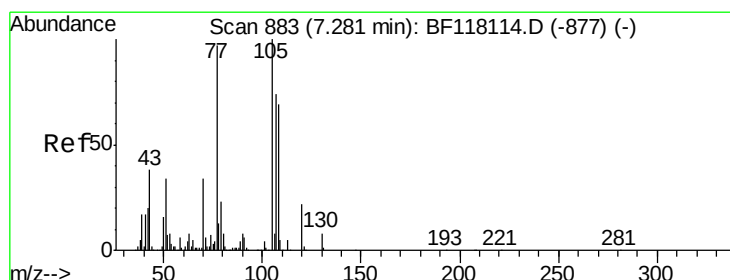
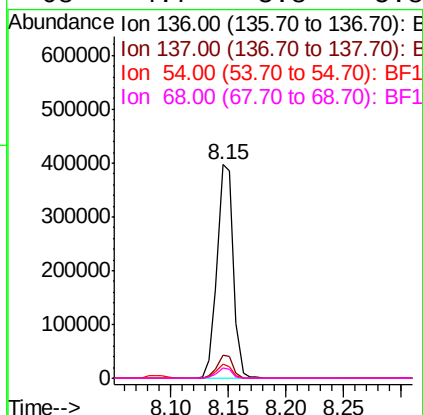
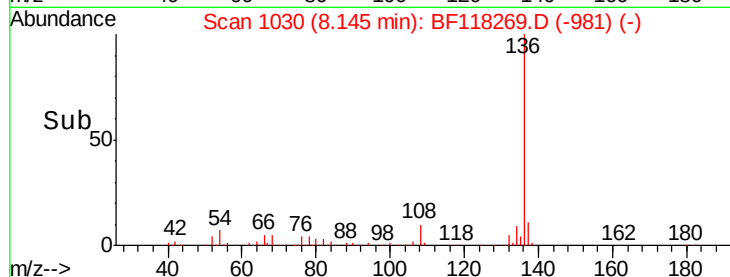
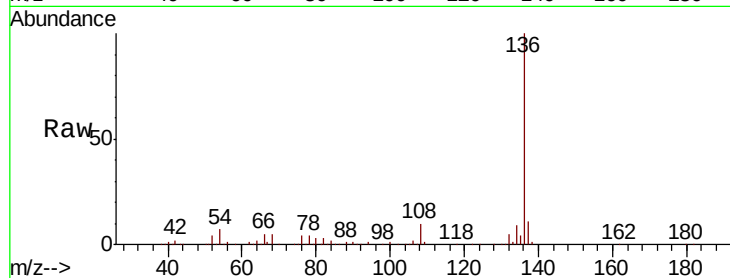
ClientSampleId :

PF-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.0	13.6	
54	6.7	5.0	7.6	
68	4.7	3.8	5.8	

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#22

Acetophenone

Concen: 42.864 ng

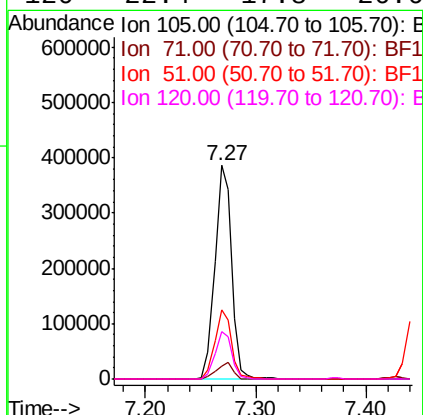
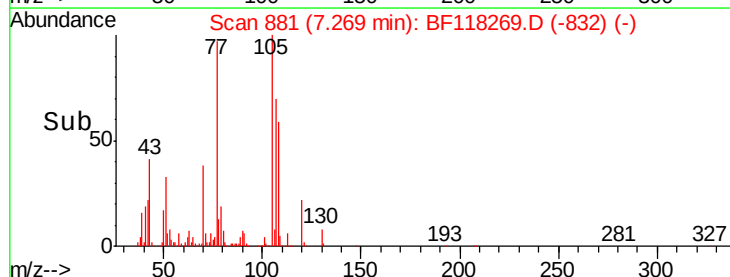
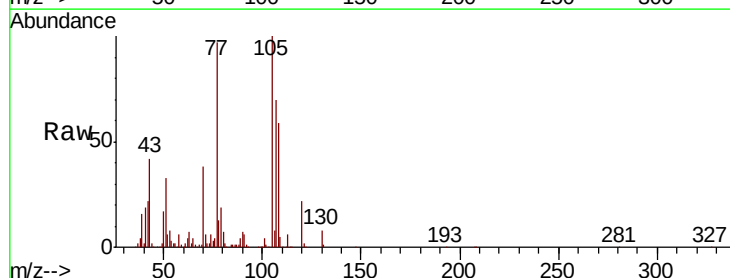
RT: 7.27 min Scan# 881

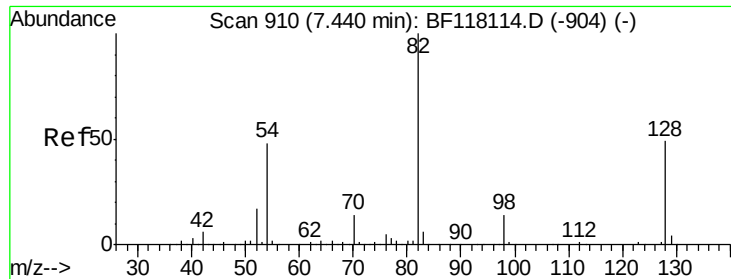
Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.2	4.7	7.1	
51	32.5	27.1	40.7	
120	22.4	17.8	26.6	





#23

Nitrobenzene-d5

Concen: 75.141 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

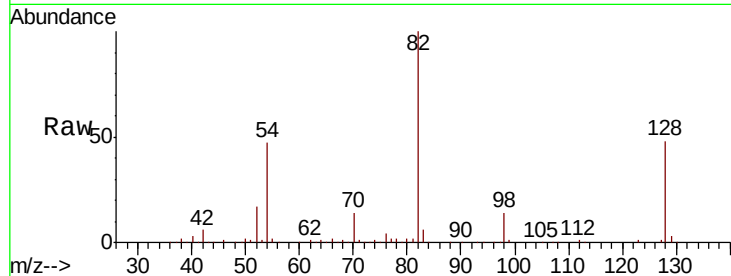
ClientSampleId :

PF-01MSD

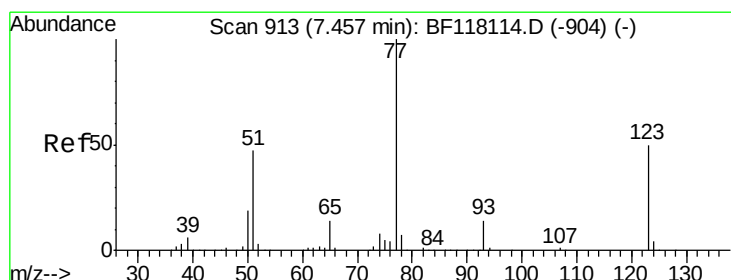
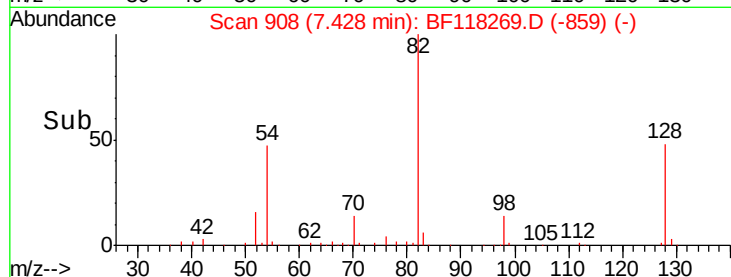
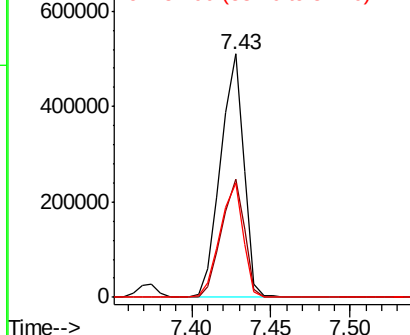
Tot Ion:	82	Resp:	522064
Ion Ratio	Lower	Upper	
82	100		
128	48.4	39.1	58.7
54	47.0	38.2	57.2

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 43.459 ng

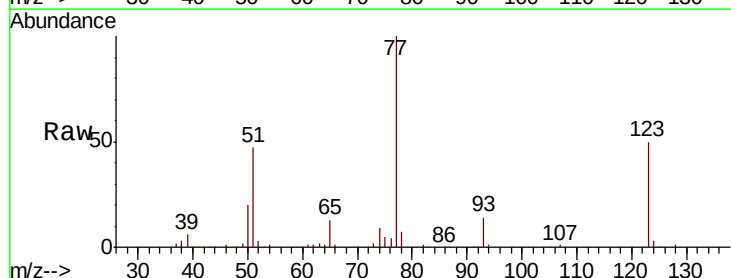
RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

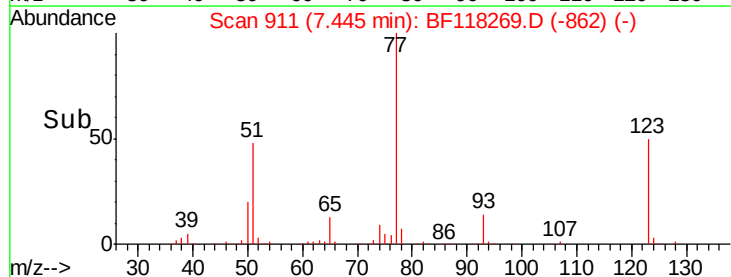
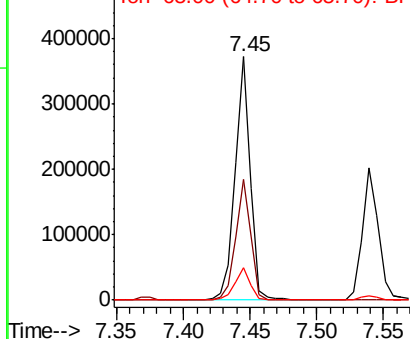
Lab File: BF118269.D

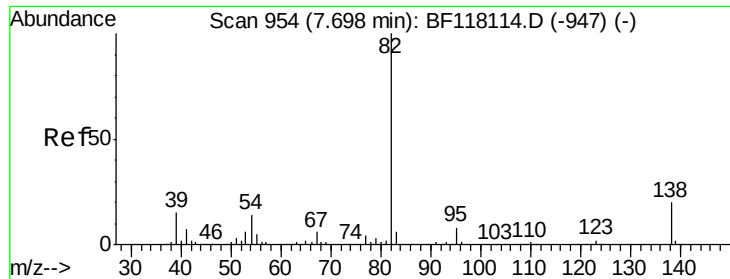
Acq: 18 Dec 2019 20:02

Tgt Ion:	77	Resp:	296656
Ion Ratio	Lower	Upper	
77	100		
123	49.8	40.1	60.1
65	13.3	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.411 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

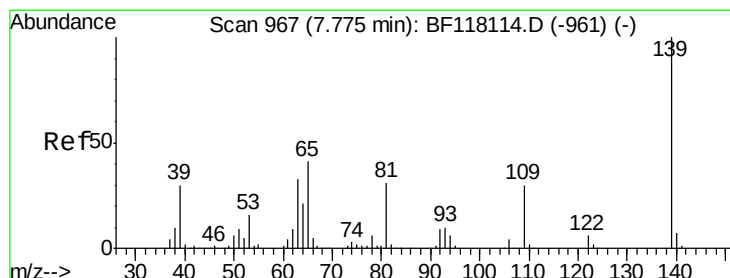
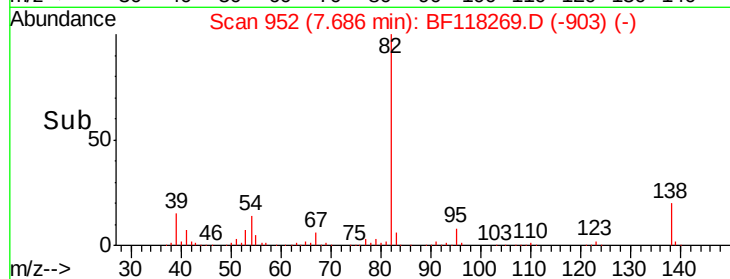
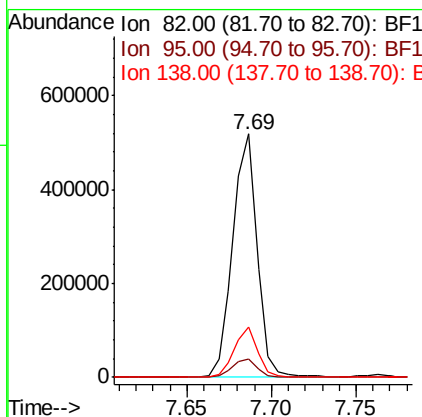
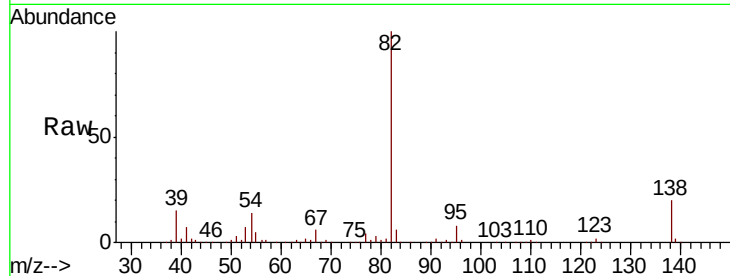
ClientSampleId :

PF-01MSD

Tot Ion:	82	Resp:	523068
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.3	9.5
138	20.4	16.3	24.5

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#26

2-Nitrophenol

Concen: 45.197 ng

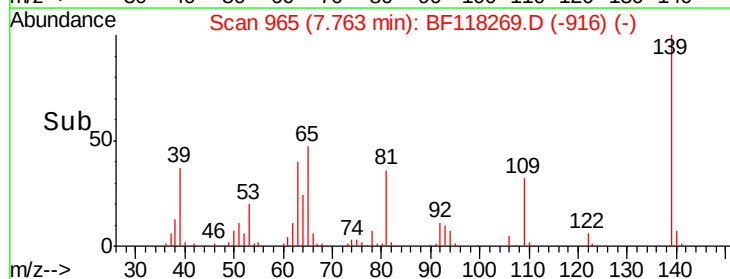
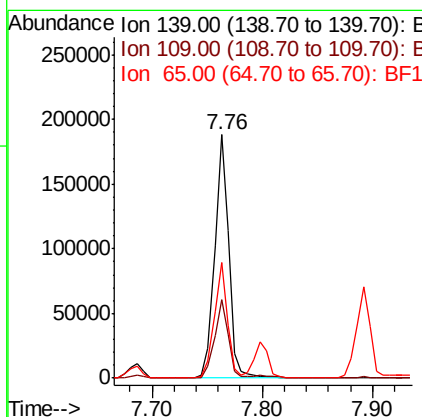
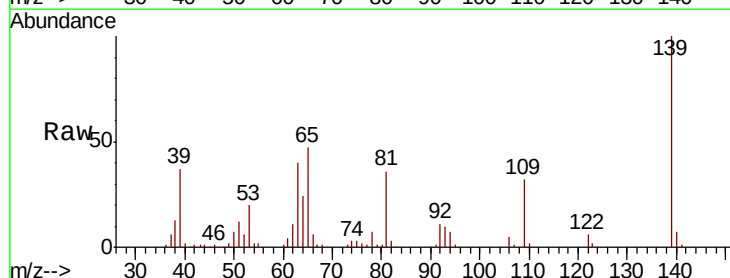
RT: 7.76 min Scan# 965

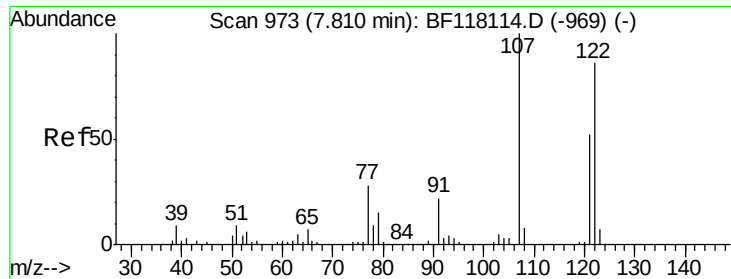
Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Tgt Ion:	139	Resp:	164900
Ion Ratio	Lower	Upper	
139	100		
109	32.4	23.9	35.9
65	47.3	33.0	49.6





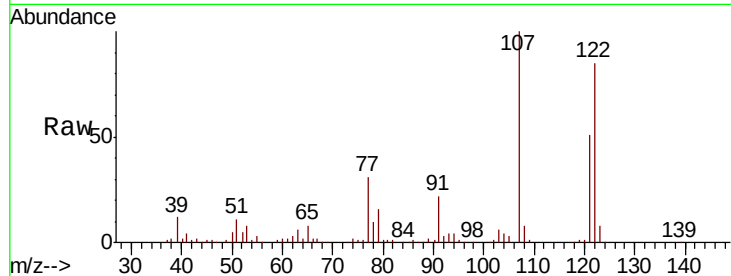
#27
2,4-Dimethylphenol
Concen: 53.008 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	257972		
107	117.9	92.9	139.3	
121	59.6	48.3	72.5	

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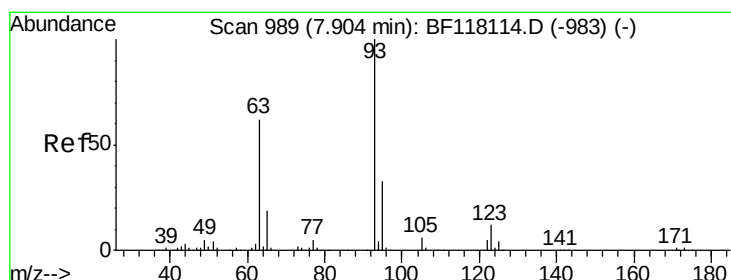
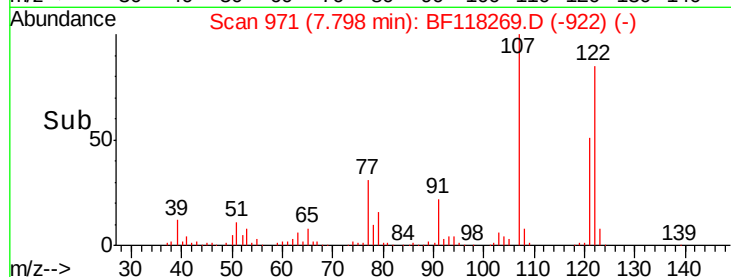
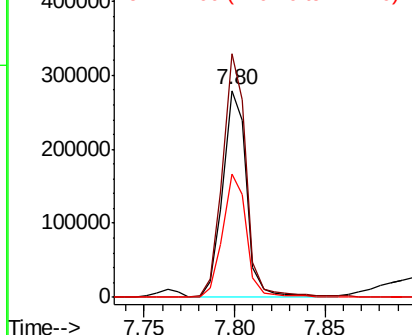


Abundance

Ion 122.00 (121.70 to 122.70): E

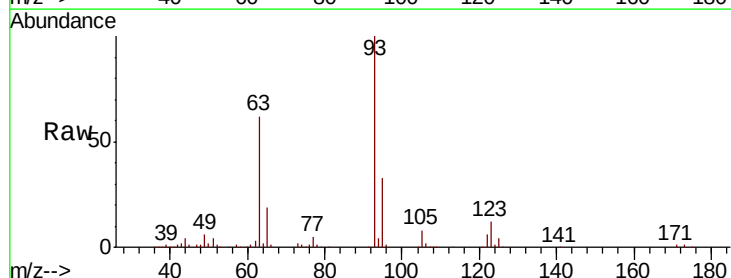
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.318 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	325683		
95	33.5	26.7	40.1	
123	12.5	10.0	15.0	

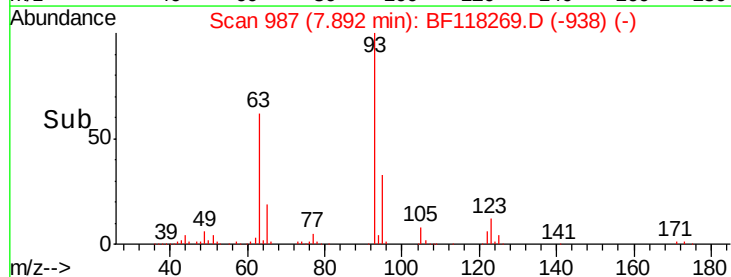
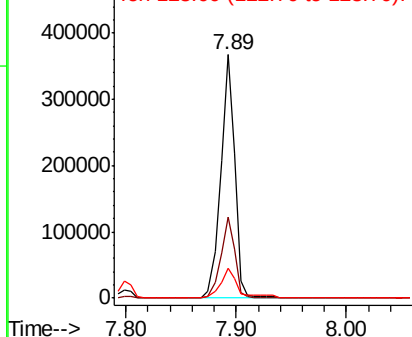


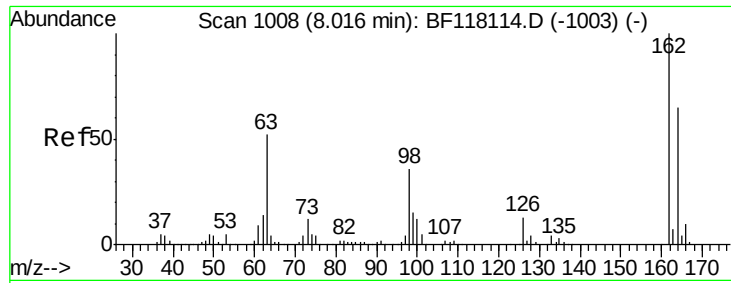
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





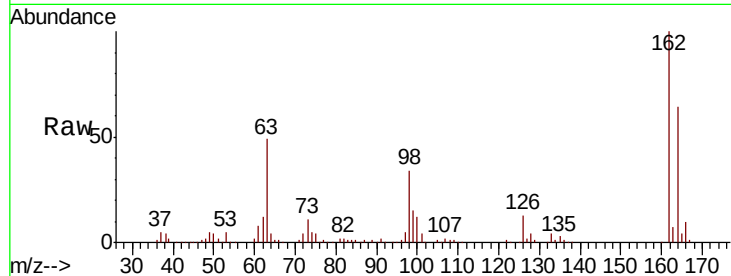
#29
2,4-Dichlorophenol
Concen: 44.107 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampled :
PF-01MSD

Tot Ion:	162	Resp:	250240
Ion Ratio	Lower	Upper	
162	100		
164	63.6	45.2	85.2
98	34.4	15.9	55.9

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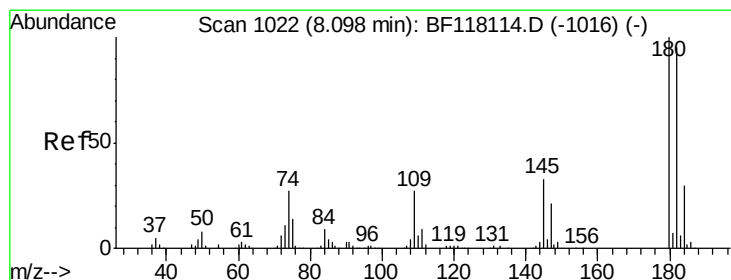
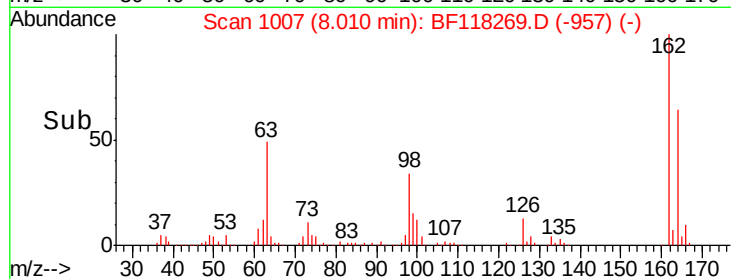
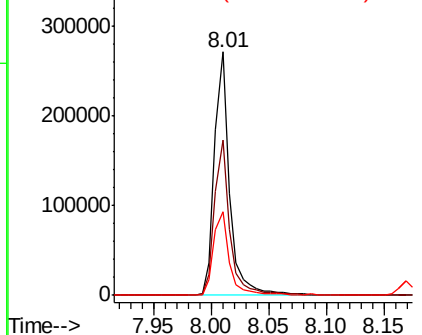


Abundance

Ion 162.00 (161.70 to 162.70): E

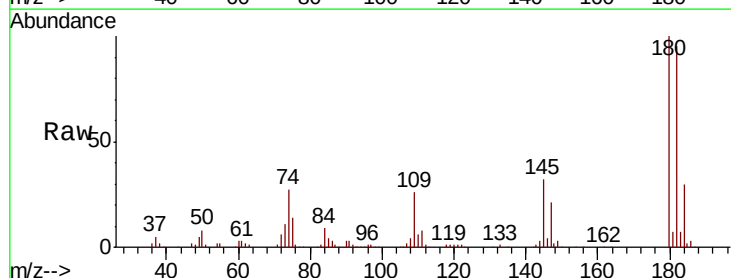
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.731 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion:	180	Resp:	283322
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.1	114.1
145	32.0	26.1	39.1

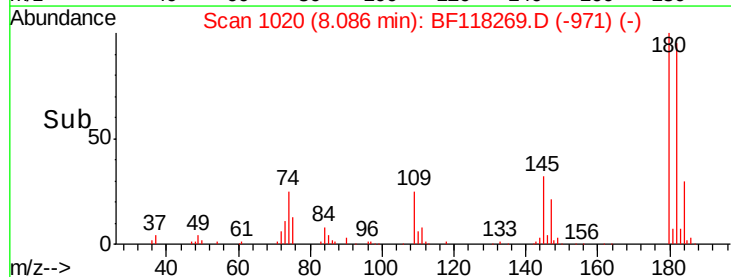
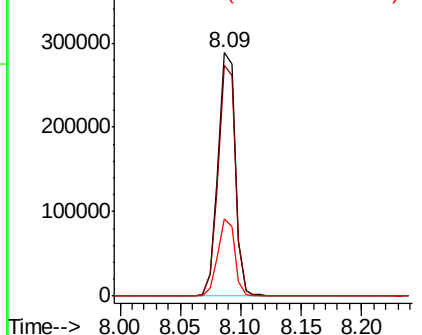


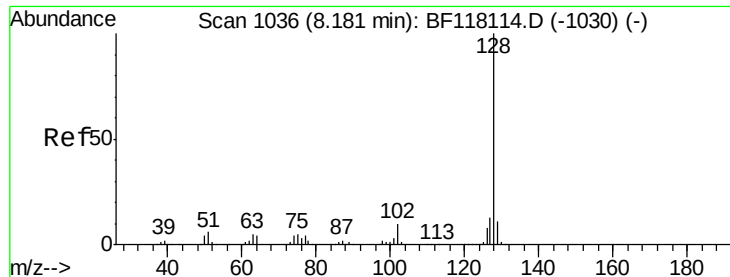
Abundance

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





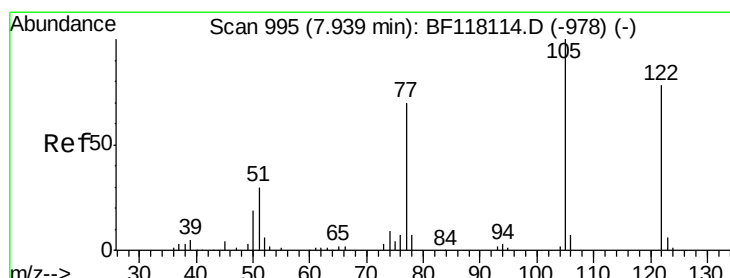
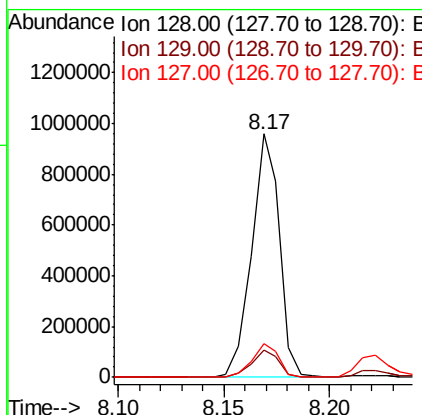
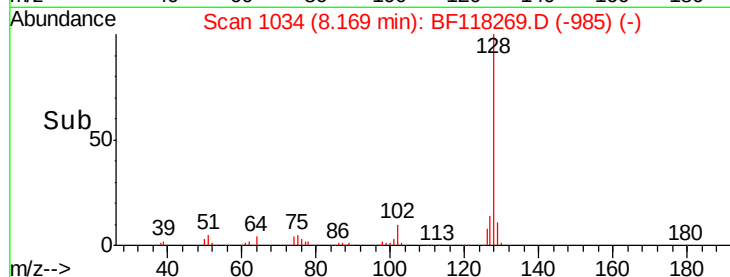
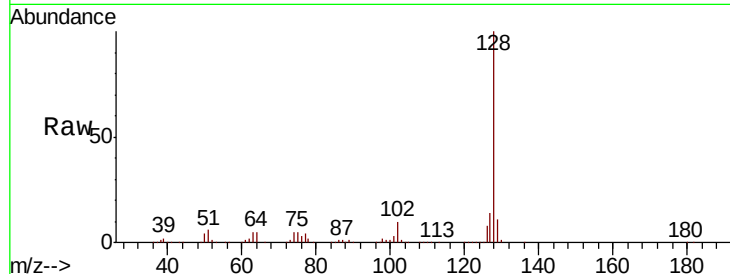
#31
Naphthalene
Concen: 44.659 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.7	10.6	16.0

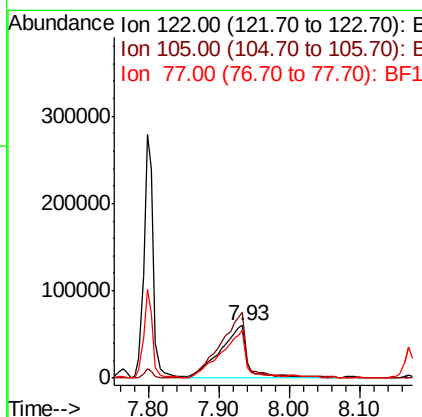
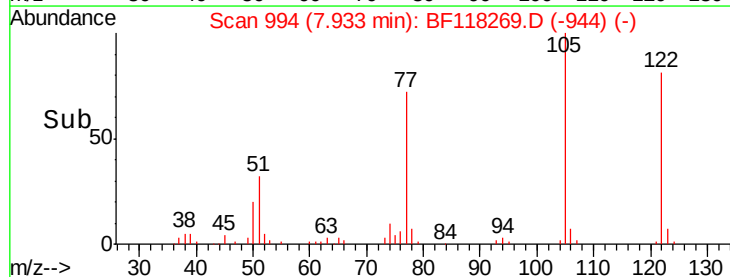
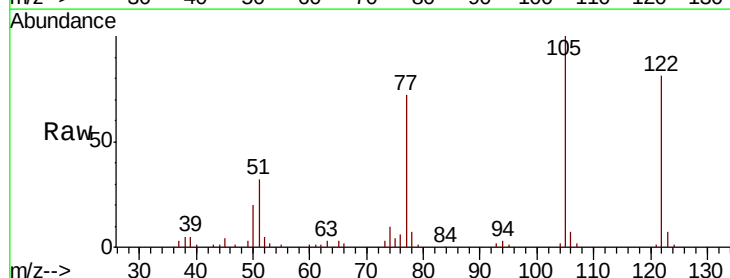
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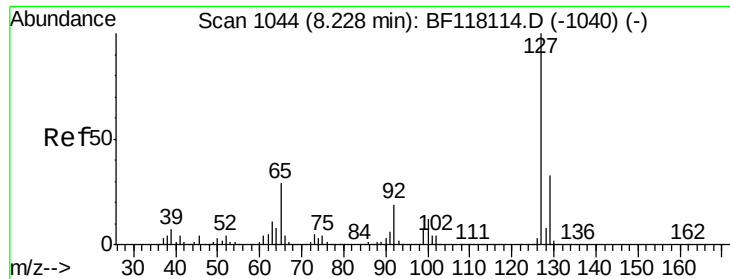
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#32
Benzoic acid
Concen: 36.554 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.0	104.7	144.7
77	89.7	69.1	109.1





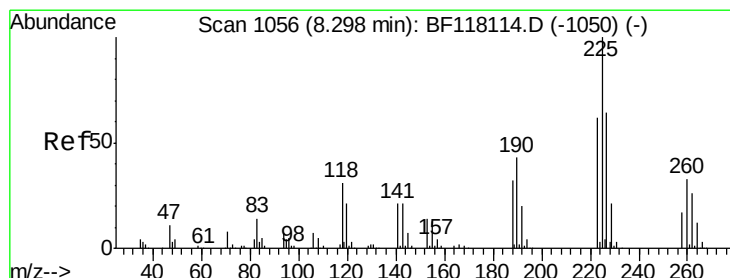
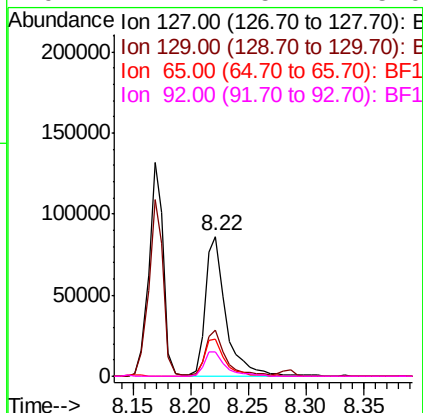
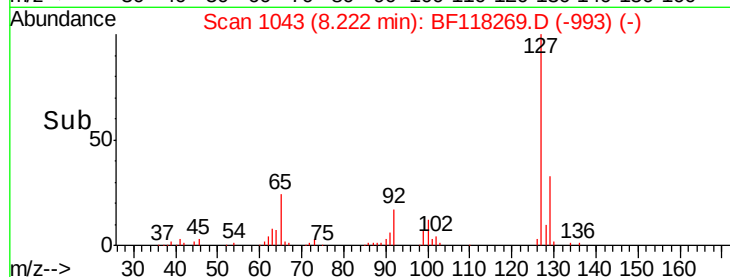
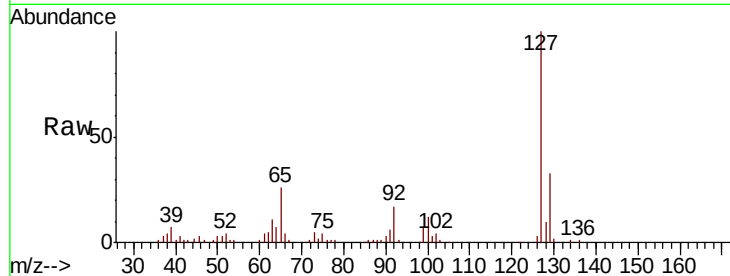
#33
4-Chloroaniline
Concen: 12.588 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	26.6	40.0	
65	26.2	23.2	34.8	
92	17.1	15.4	23.0	

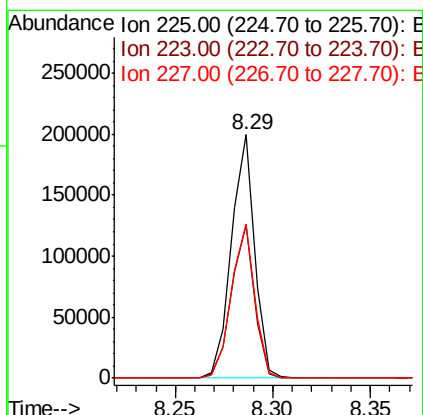
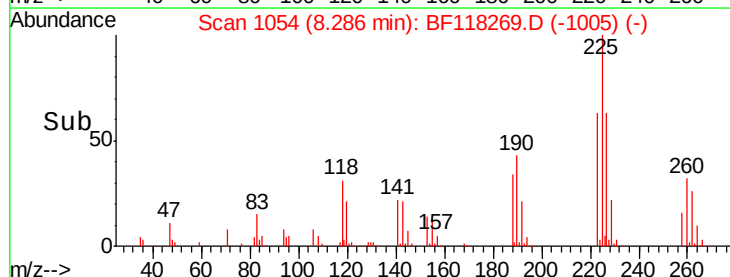
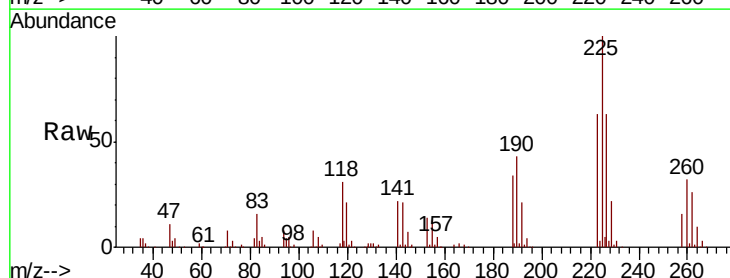
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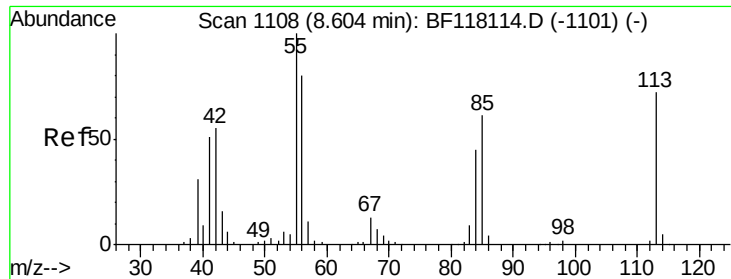
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#34
Hexachlorobutadiene
Concen: 41.476 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	49.6	74.4	
227	63.4	51.0	76.6	





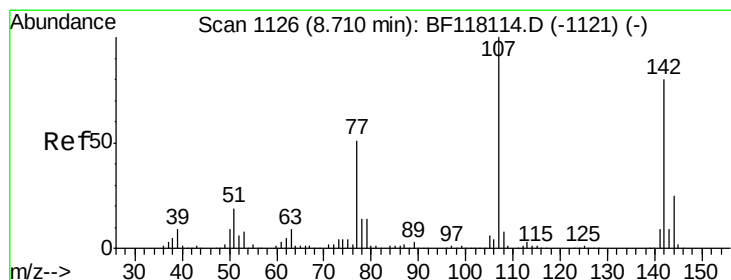
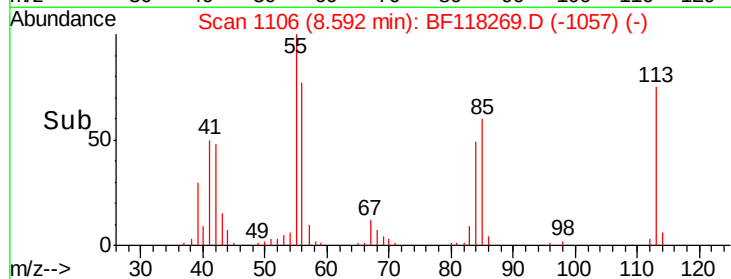
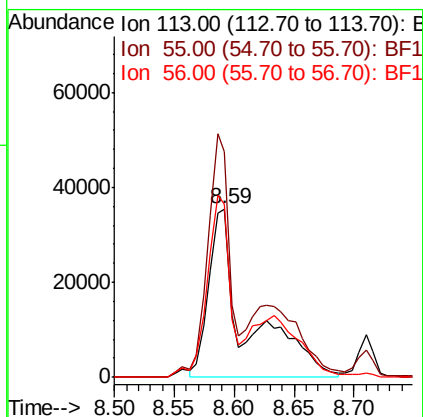
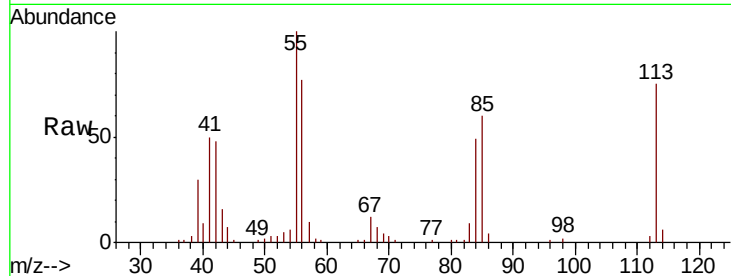
#35
Caprolactam
Concen: 44.367 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	134.0	118.9	158.9
56	102.5	91.4	131.4

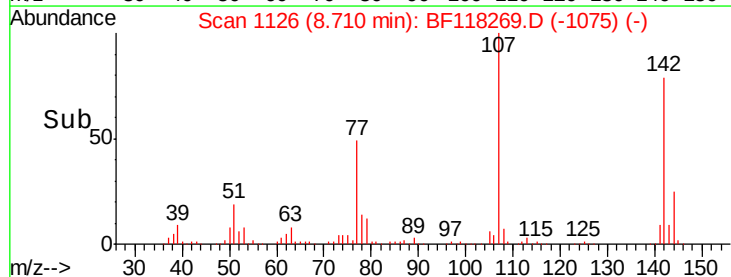
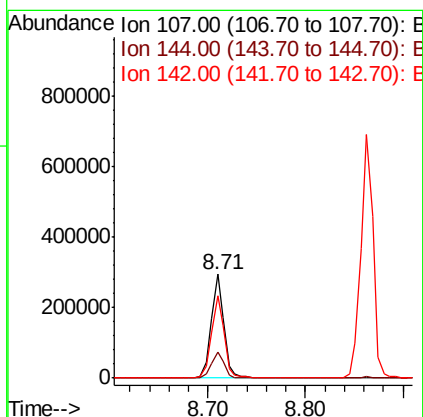
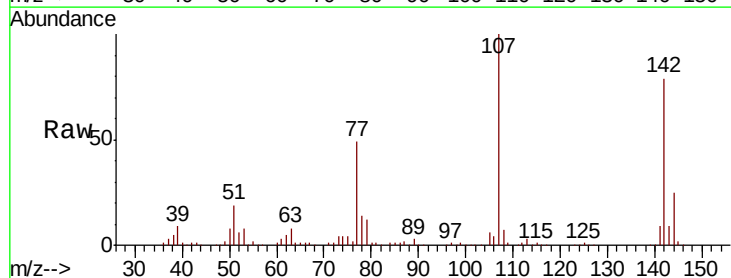
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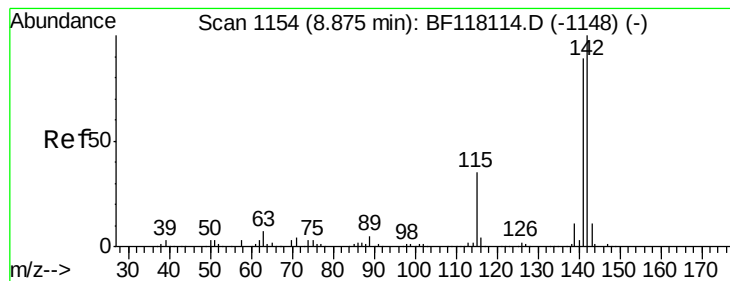
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#36
4-Chloro-3-methylphenol
Concen: 44.558 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.3	30.5
142	79.3	63.7	95.5





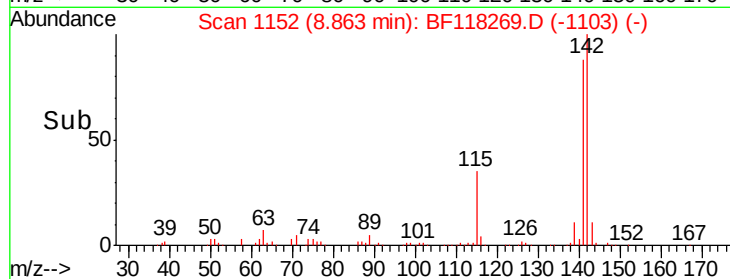
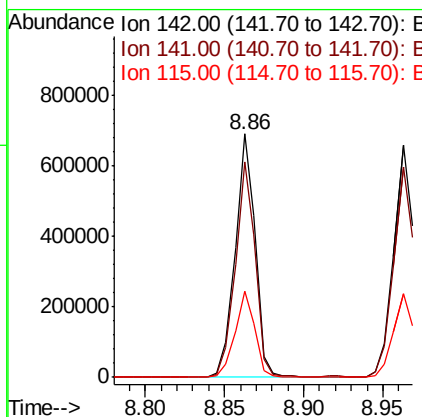
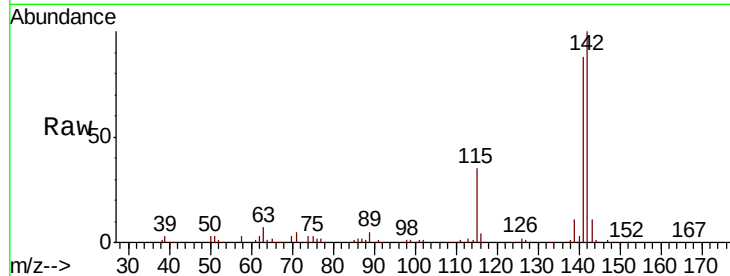
#37
2-Methylnaphthalene
Concen: 45.631 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.0
115	35.3	28.2	42.4

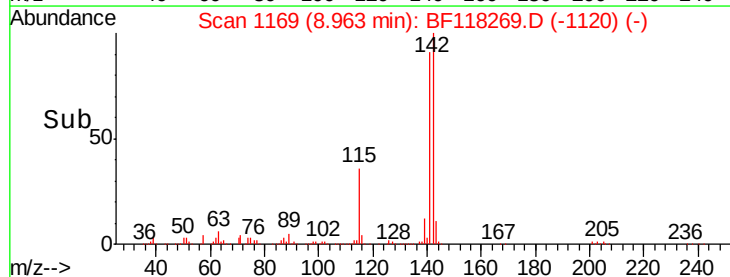
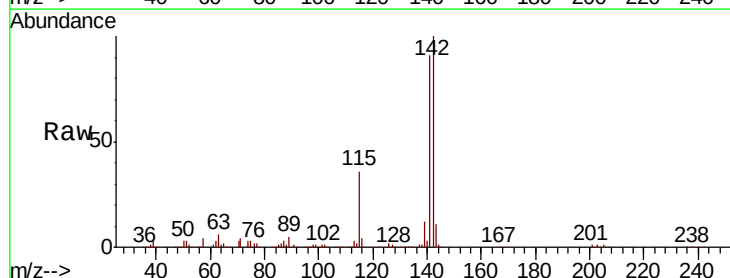
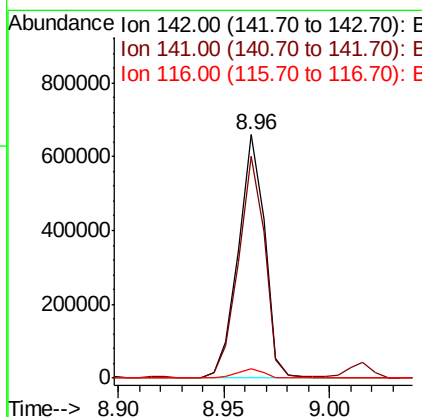
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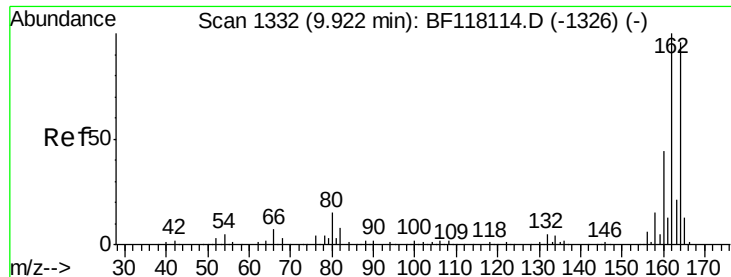
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#38
1-Methylnaphthalene
Concen: 45.488 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	74.0	111.0
116	3.9	3.2	4.8





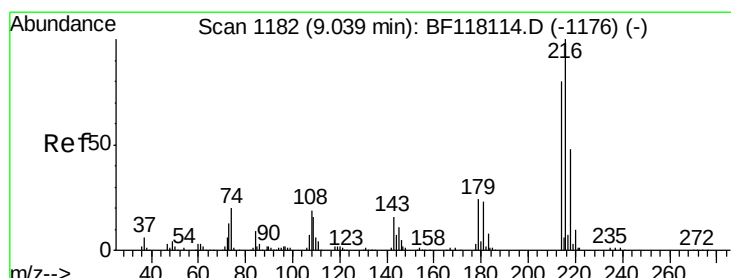
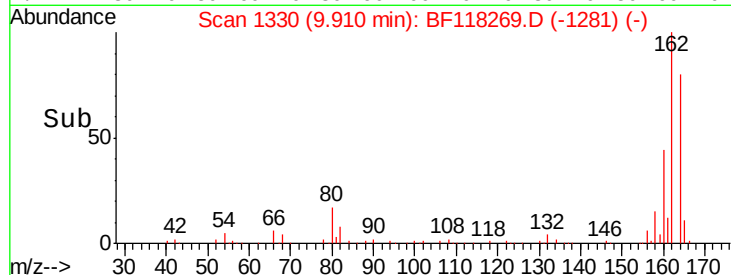
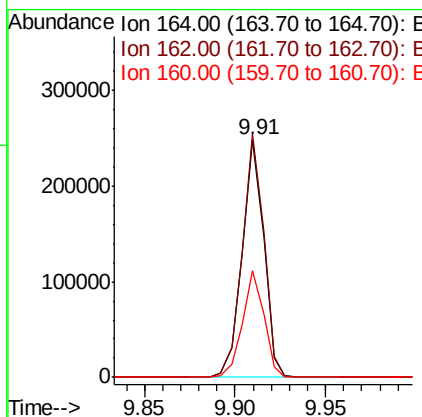
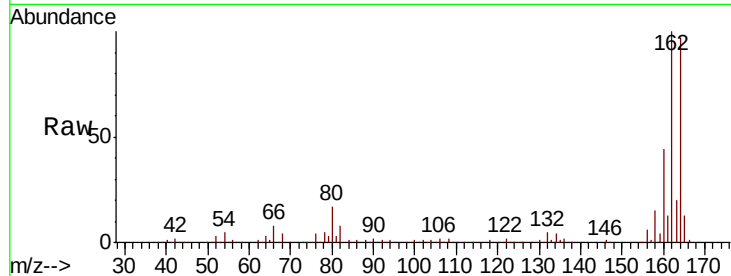
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.6	83.4	125.0	
160	45.0	36.6	54.8	

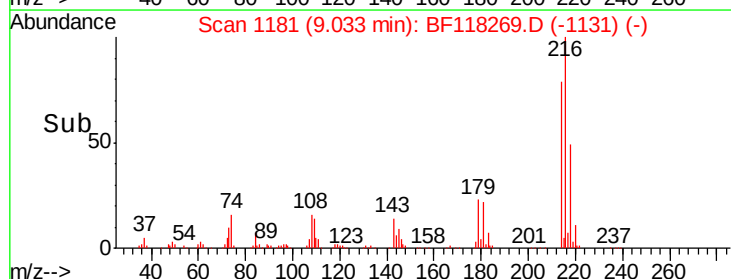
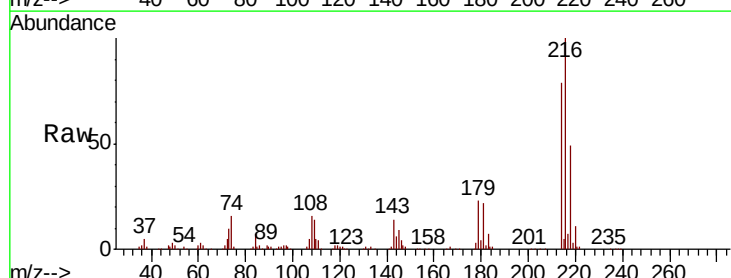
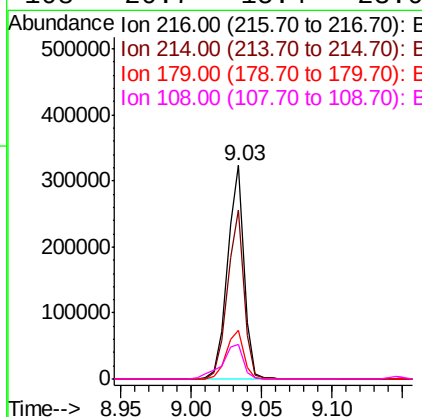
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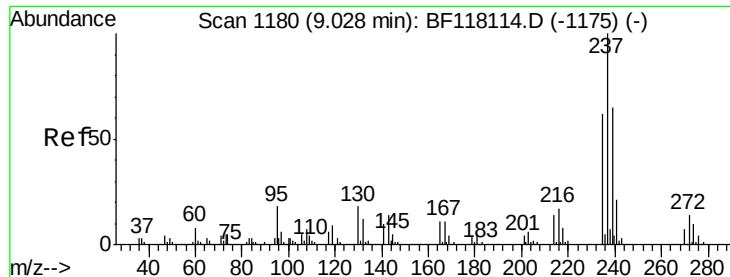
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.161 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	63.4	95.2	
179	23.6	18.6	27.8	
108	20.7	15.4	23.0	





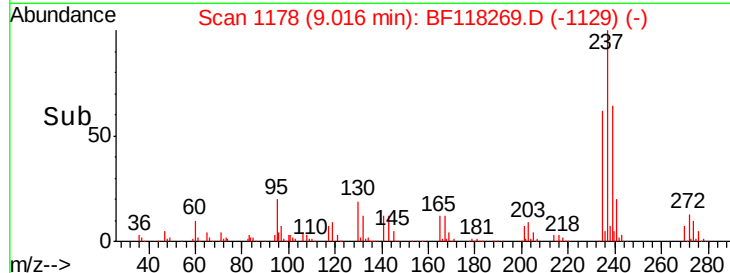
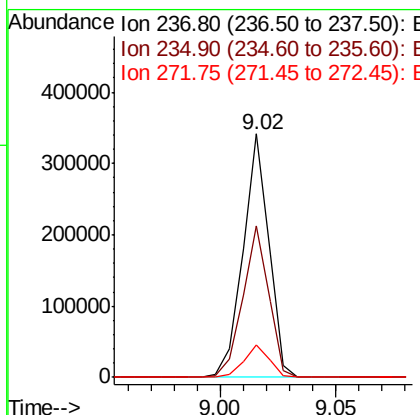
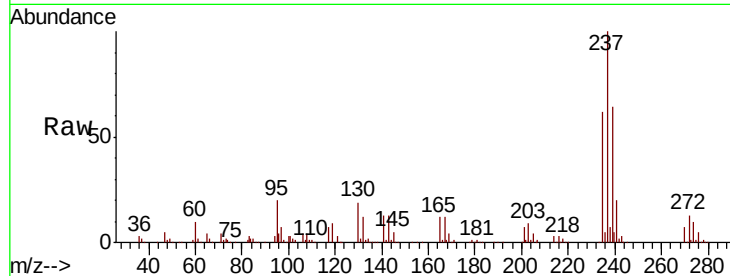
#41
Hexachlorocyclopentadiene
Concen: 95.599 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion:	237	Resp:	267040
Ion Ratio	Lower	Upper	
237	100		
235	62.1	41.5	81.5
272	13.4	0.0	33.7

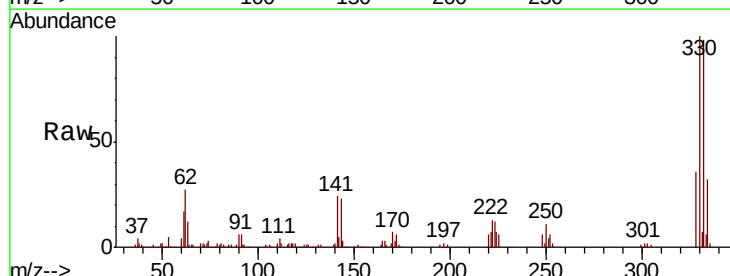
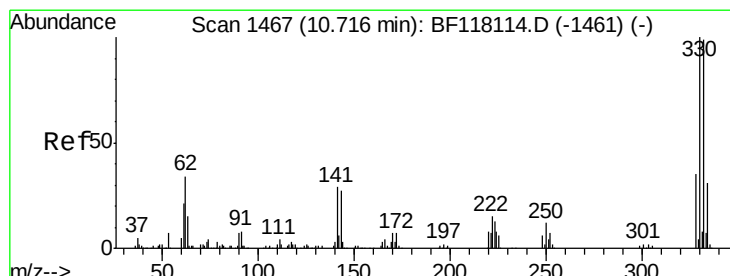
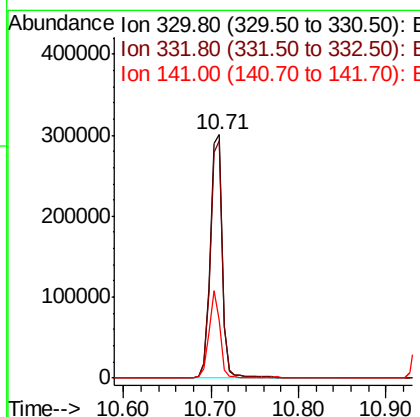
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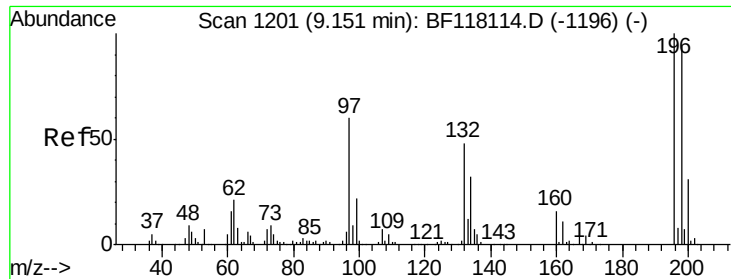
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#42
2,4,6-Tribromophenol
Concen: 115.712 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion:	330	Resp:	289292
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.1	117.1
141	32.5	26.9	40.3





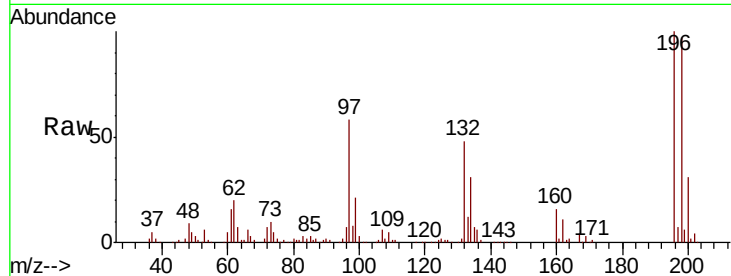
#43
2,4,6-Trichlorophenol
Concen: 42.844 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	178345		
198	96.9	75.0	112.4	
200	31.4	24.5	36.7	

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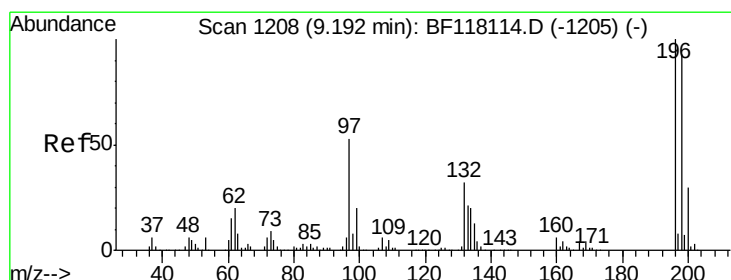
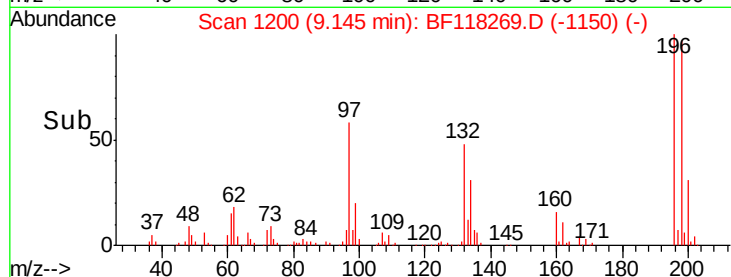
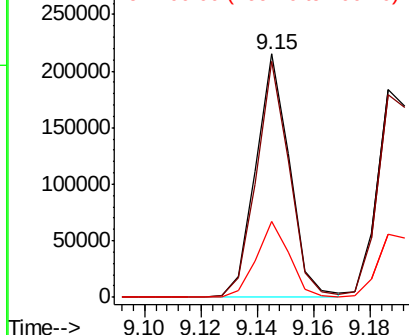


Abundance

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: 43.228 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186427		
198	97.3	74.2	111.4	
97	55.6	42.5	63.7	
132	31.5	25.4	38.2	

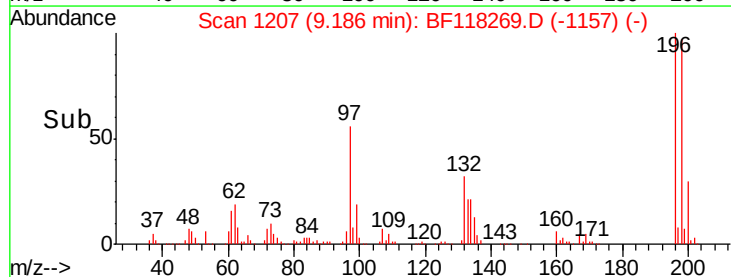
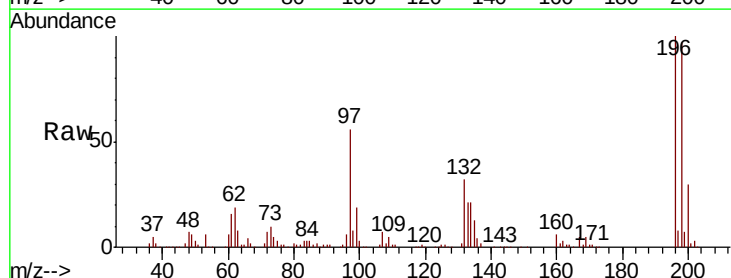
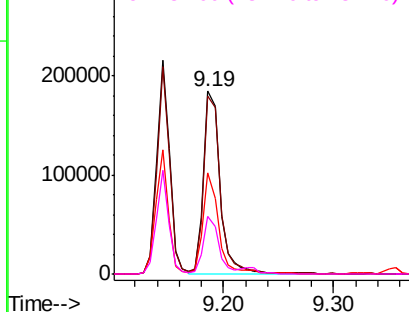
Abundance

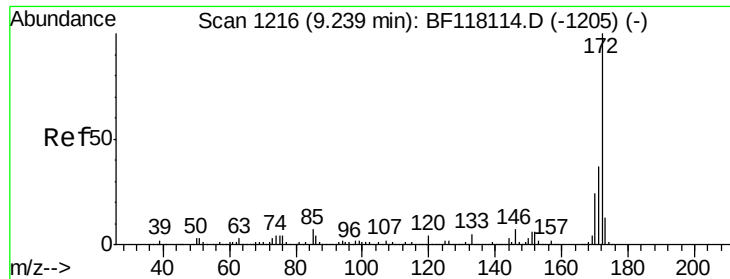
Ion 196.00 (195.70 to 196.70): E

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





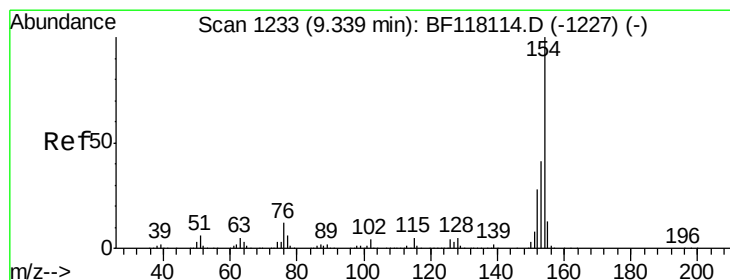
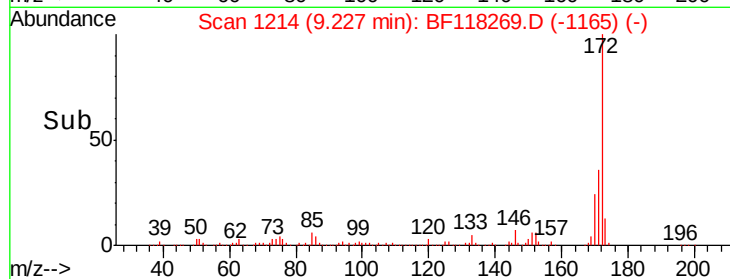
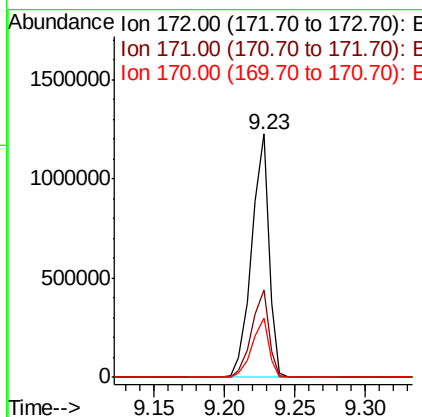
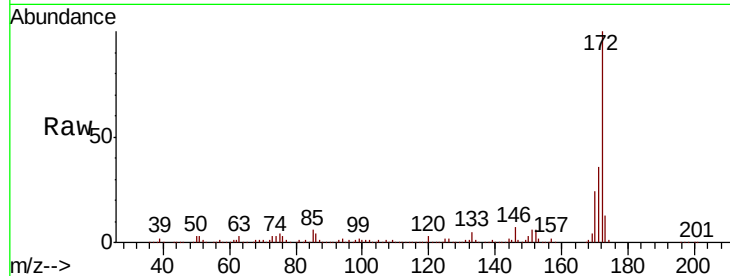
#45
2-Fluorobiphenyl
Concen: 78.388 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	24.1	19.4	29.2

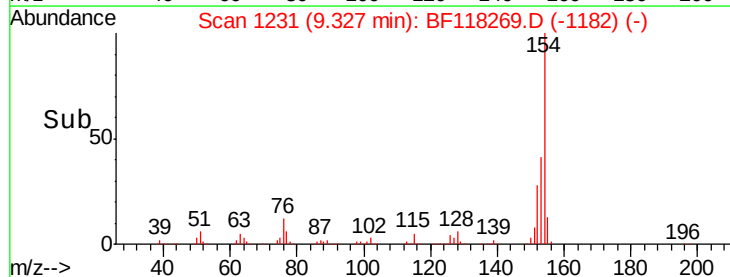
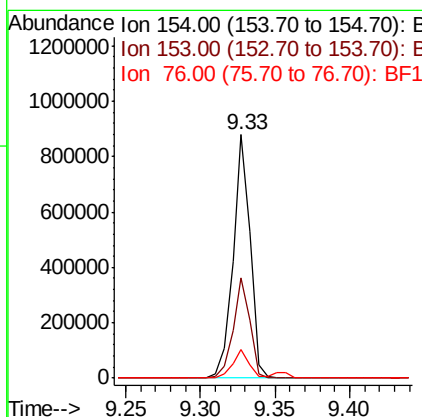
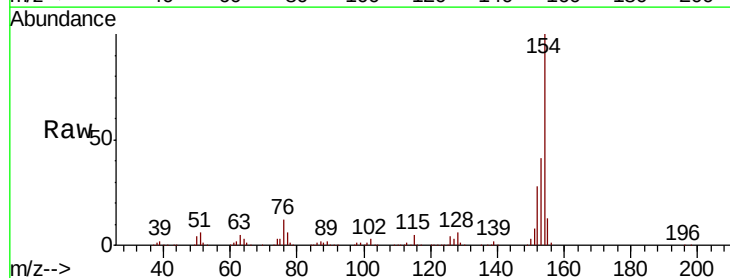
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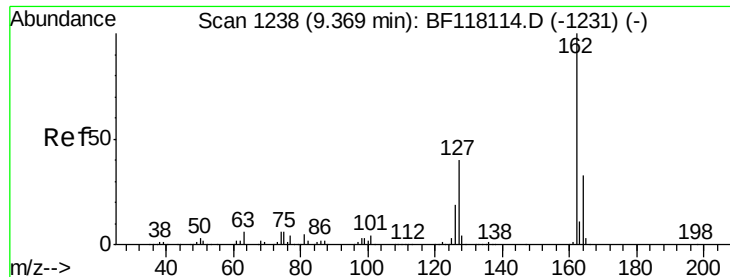
mohammad
12/19/2019 11:16:52 AM



#46
1,1'-Biphenyl
Concen: 43.894 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.7	60.7
76	11.8	0.0	31.9





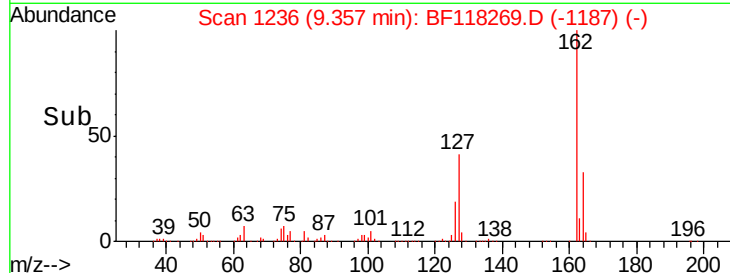
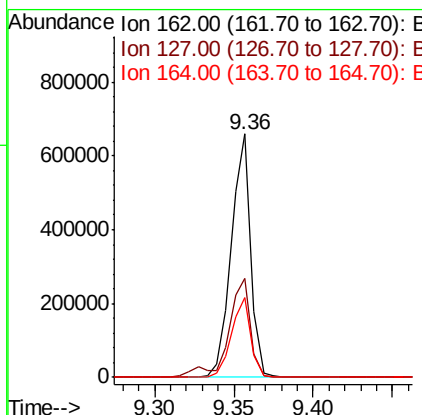
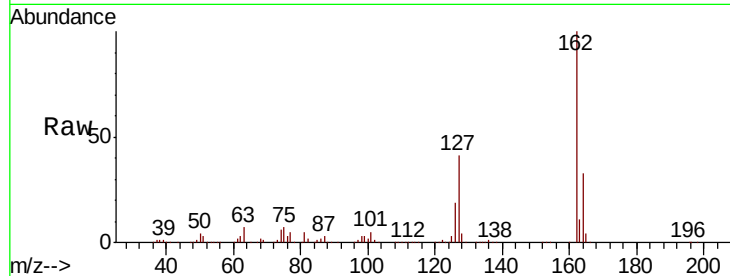
#47
 2-Chloronaphthalene
 Concen: 42.696 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.8	32.0	48.0		
164	33.0	26.1	39.1		

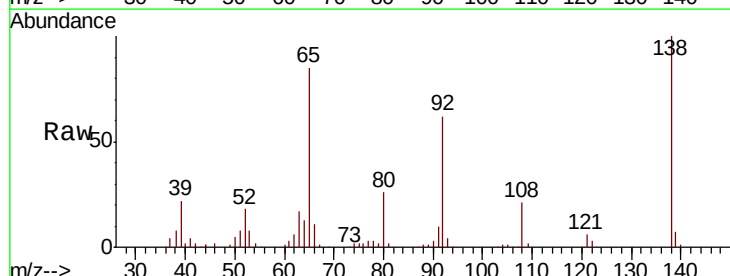
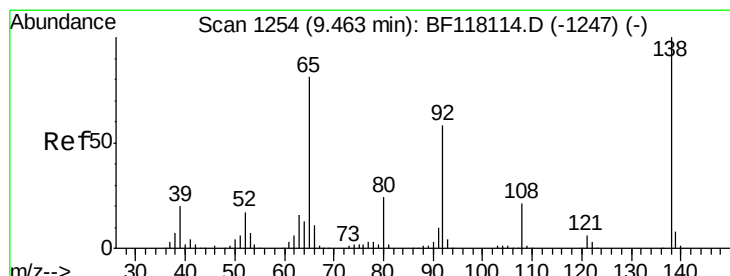
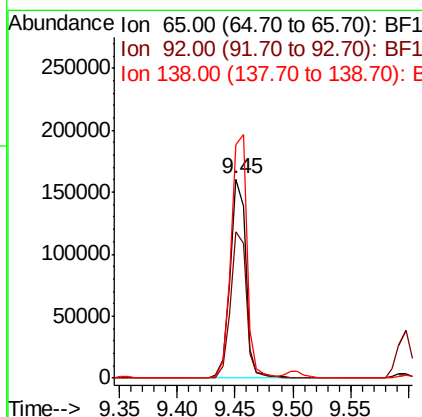
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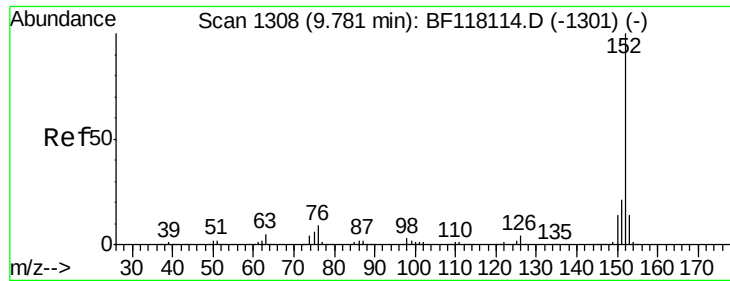
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#48
 2-Nitroaniline
 Concen: 40.716 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	73.2	57.8	86.6		
138	117.3	98.8	148.2		





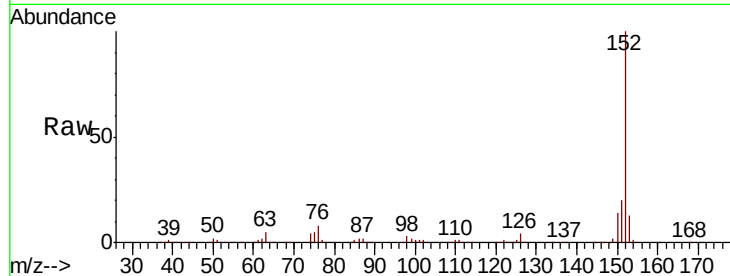
#49
Acenaphthylene
Concen: 46.101 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	887798		
151	20.1		16.4	24.6
153	13.3		10.8	16.2

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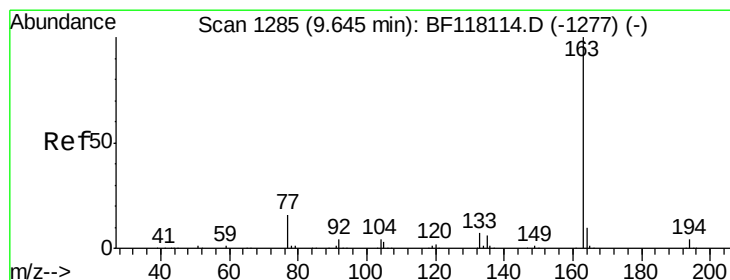
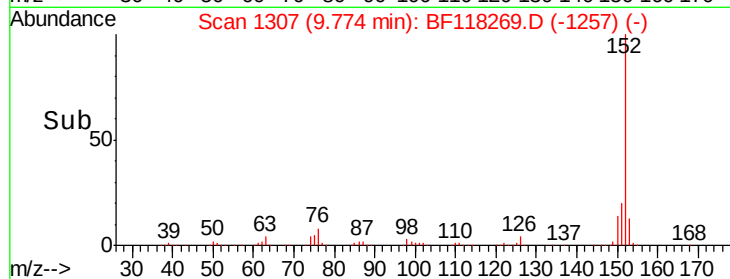
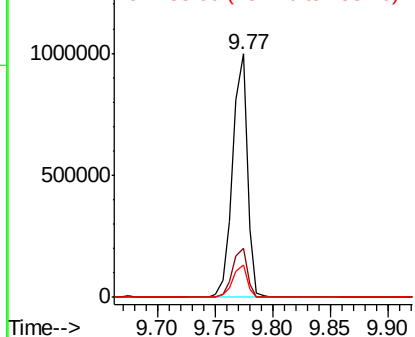


Abundance

Ion 152.00 (151.70 to 152.70): E

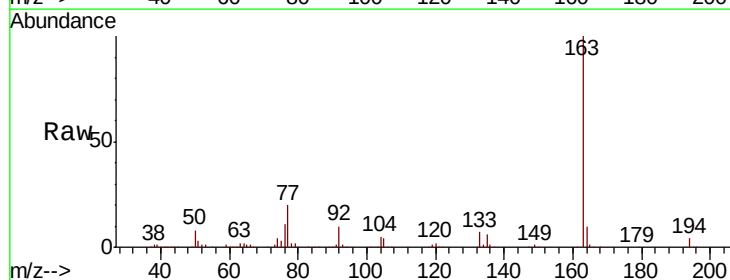
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 48.788 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	741642		
194	3.8		3.1	4.7
164	10.4		7.7	11.5

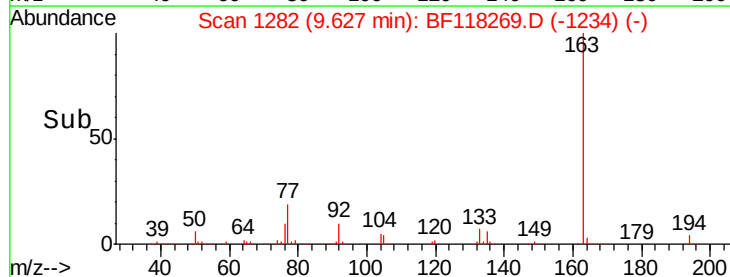
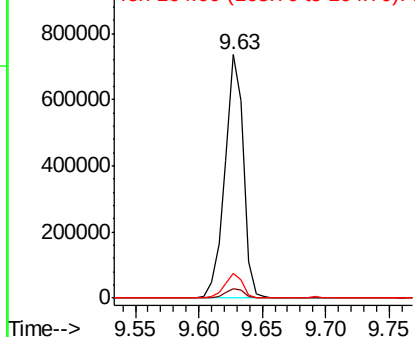


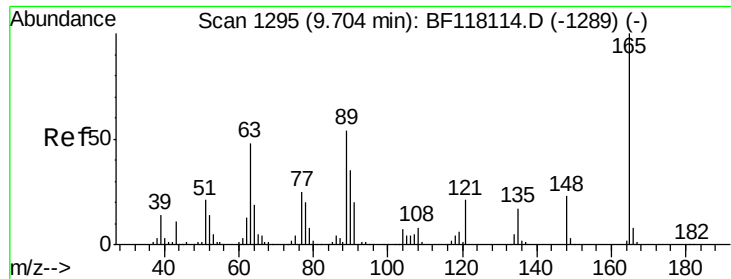
Abundance

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





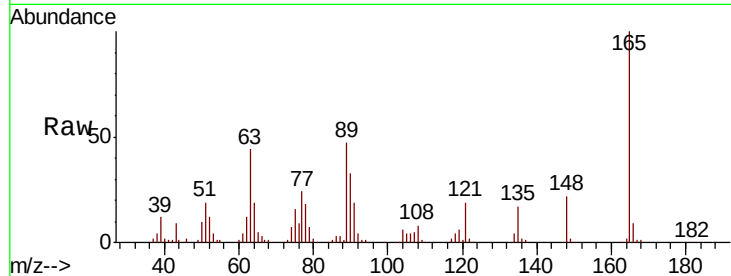
#51
2,6-Dinitrotoluene
Concen: 44.318 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

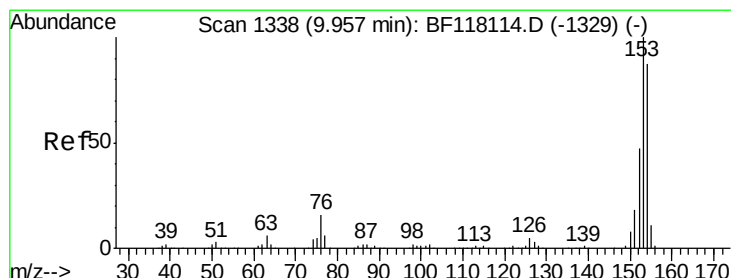
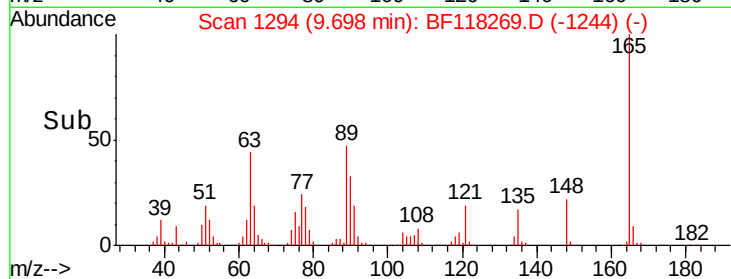
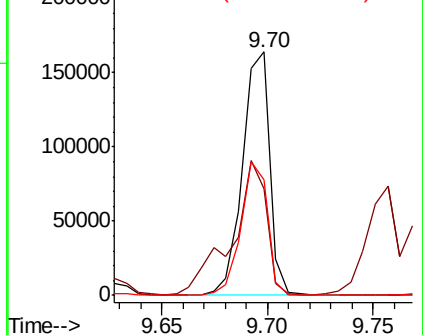
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		146491		
63	44.0	41.4	62.0		
89	47.4	42.9	64.3		

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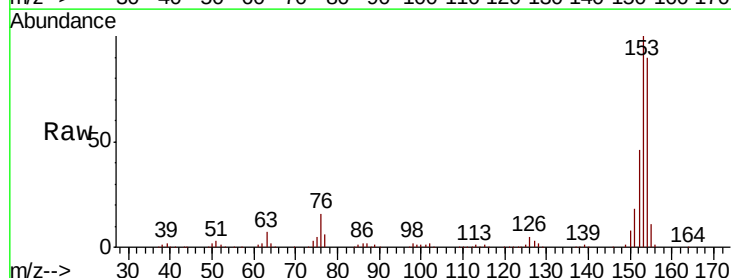


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

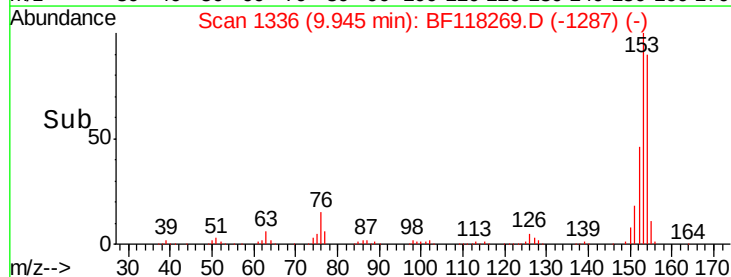
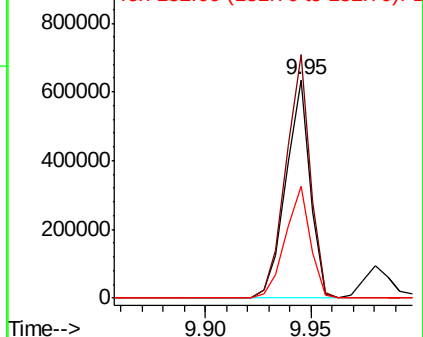


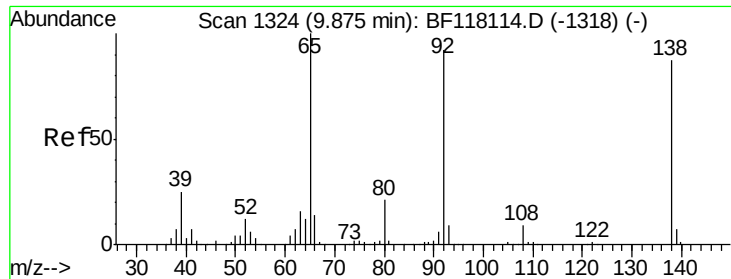
#52
Acenaphthene
Concen: 43.456 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		510796		
153	111.5	91.8	137.6		
152	51.3	43.3	64.9		



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





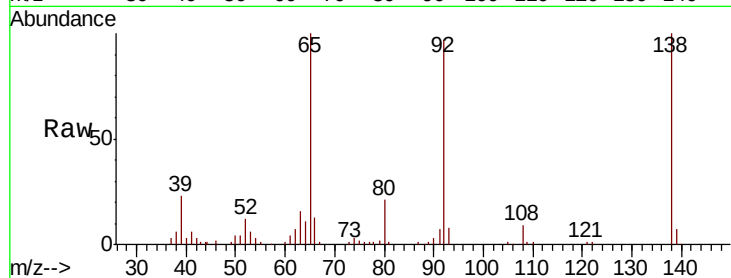
#53
3-Nitroaniline
Concen: 18.129 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	8.2	12.4
92	97.0	84.9	127.3

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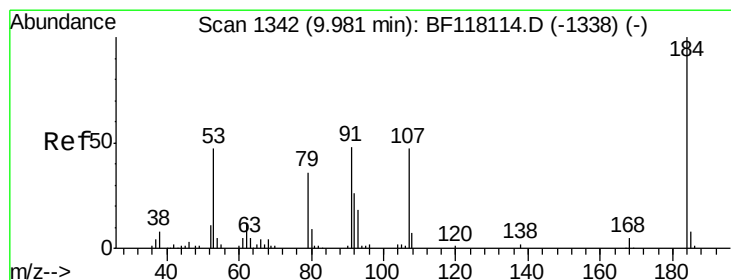
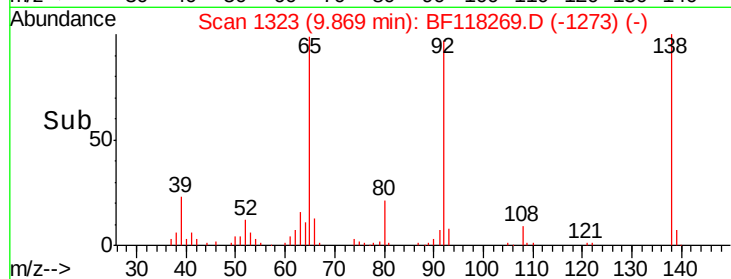
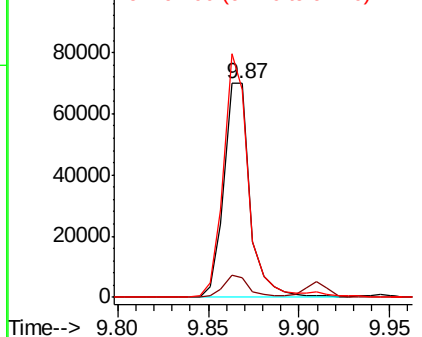


Abundance

Ion 138.00 (137.70 to 138.70): E

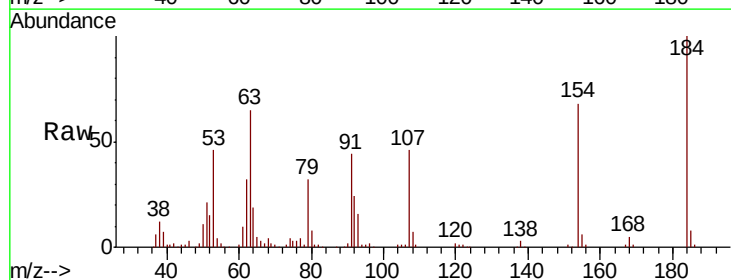
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 80.983 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.6	53.9	80.9
154	67.7	56.3	84.5

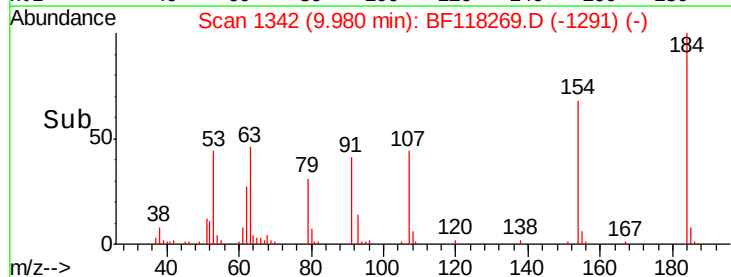
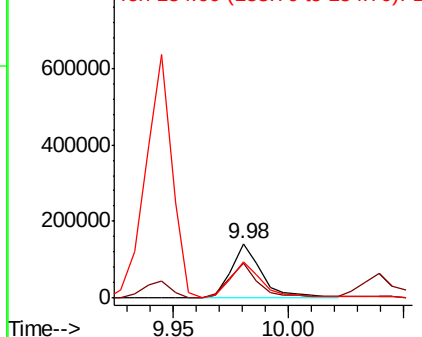


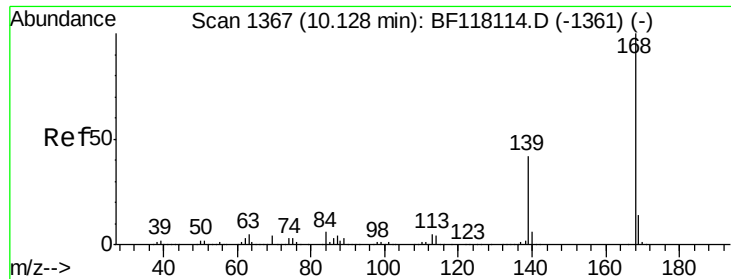
Abundance

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





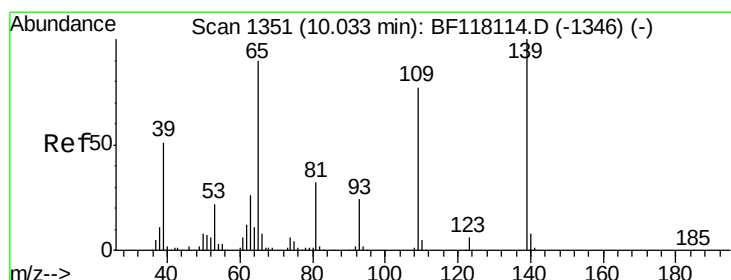
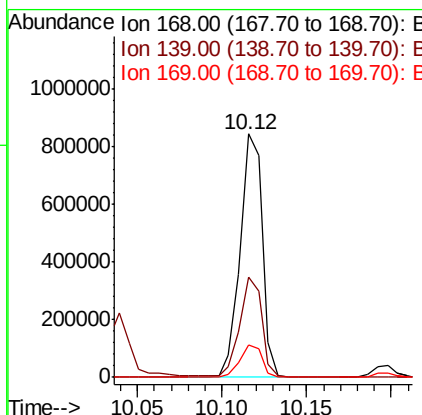
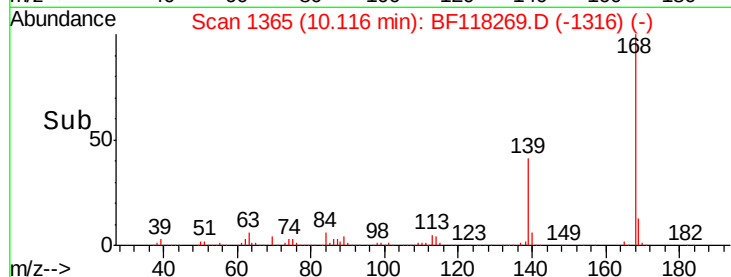
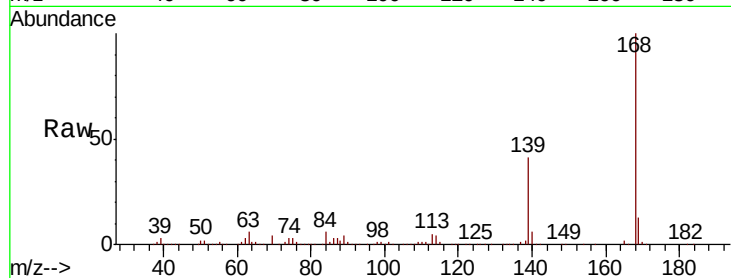
#55
Dibenzofuran
Concen: 44.926 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	33.4	50.0
169	13.5	11.0	16.6

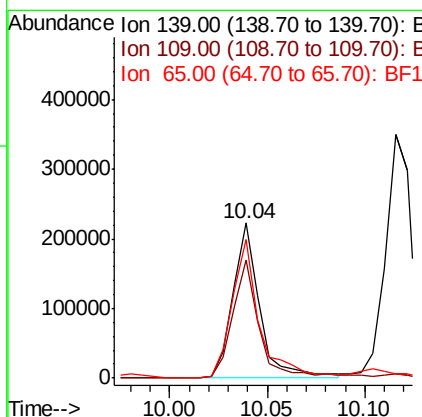
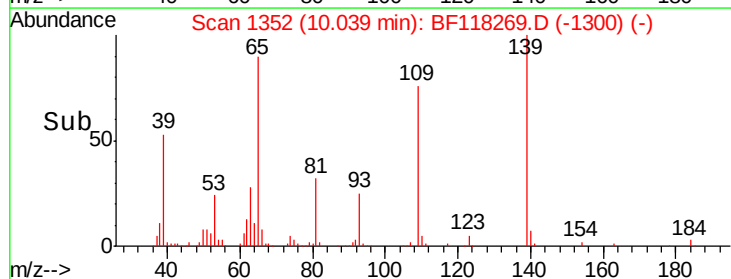
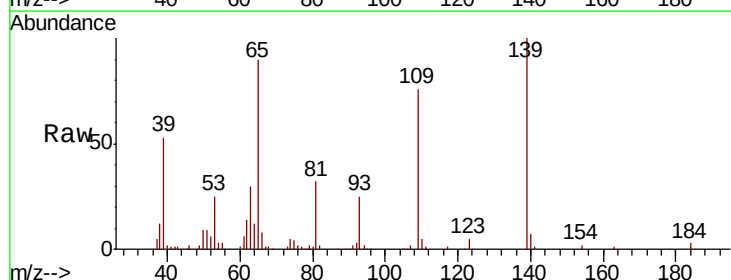
Manual Integrations
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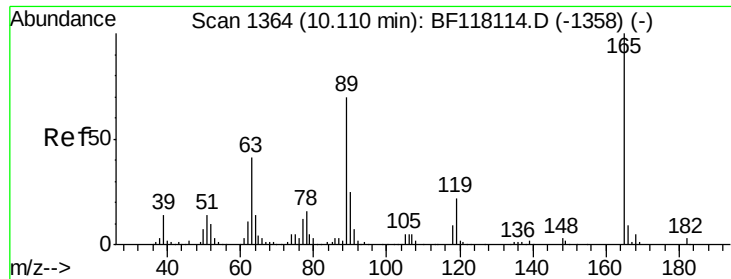
mohammad
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#56
4-Nitrophenol
Concen: 78.649 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.1	57.3	97.3
65	89.8	70.2	110.2





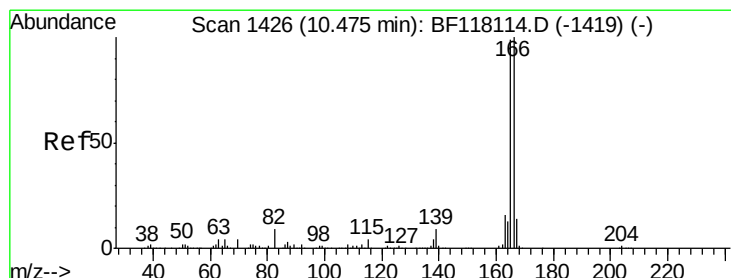
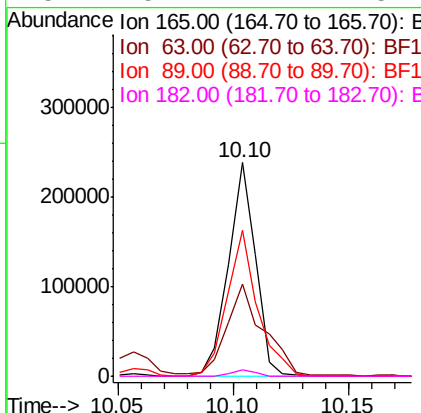
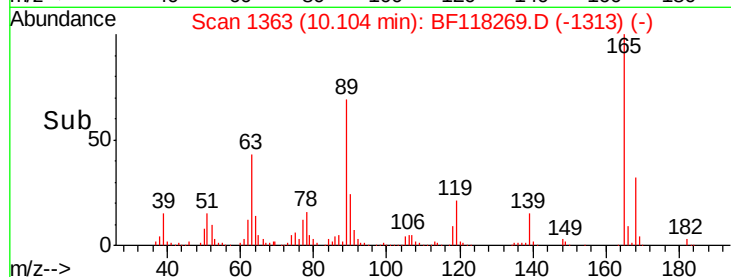
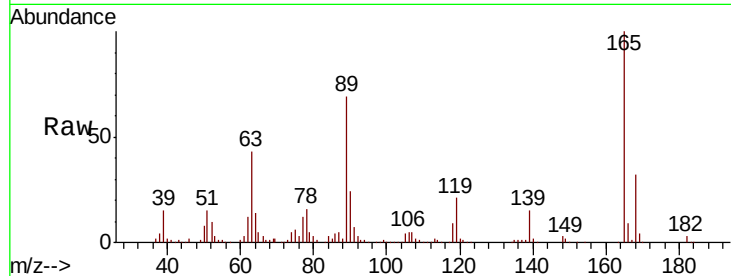
#57
 2,4-Dinitrotoluene
 Concen: 44.334 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	43.1	32.6	49.0
89	68.6	56.1	84.1
182	3.1	2.1	3.1

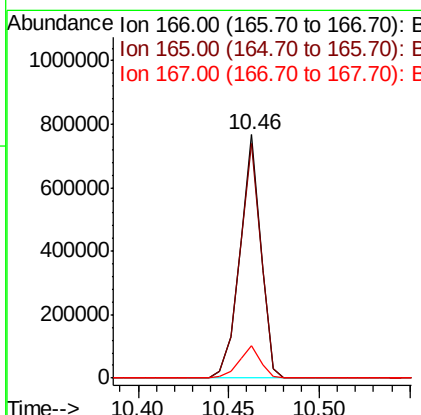
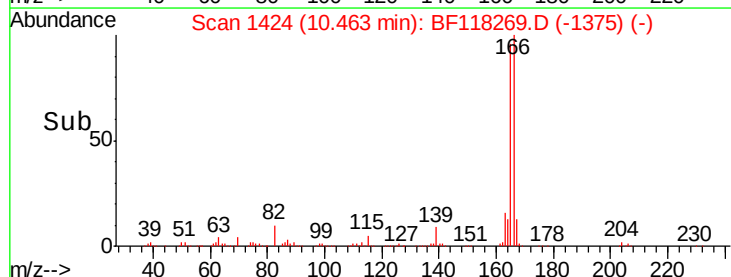
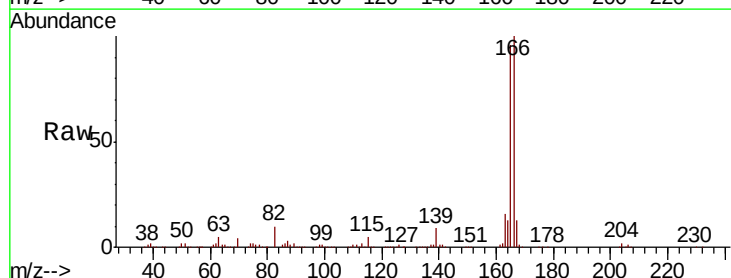
Manual Integrations
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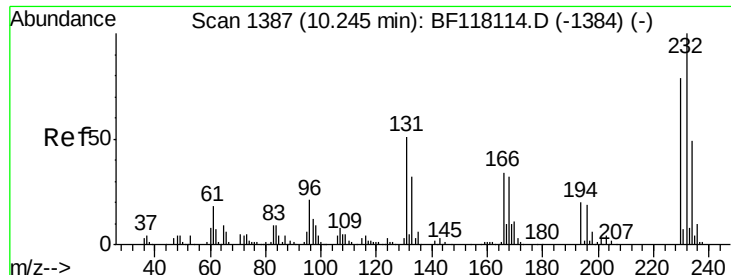
mohammad
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#58
 Fluorene
 Concen: 44.545 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	96.2	79.0	118.4
167	13.2	10.9	16.3





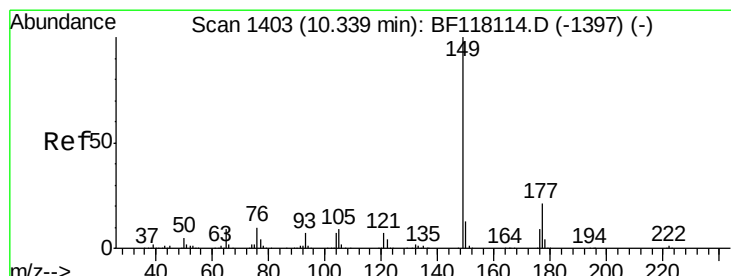
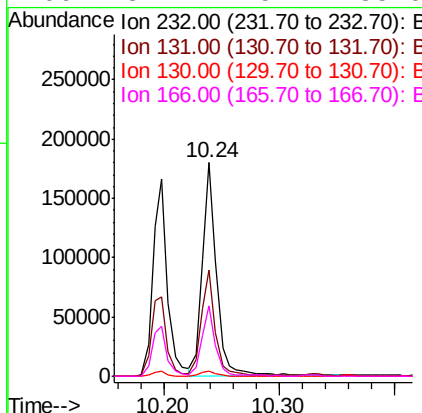
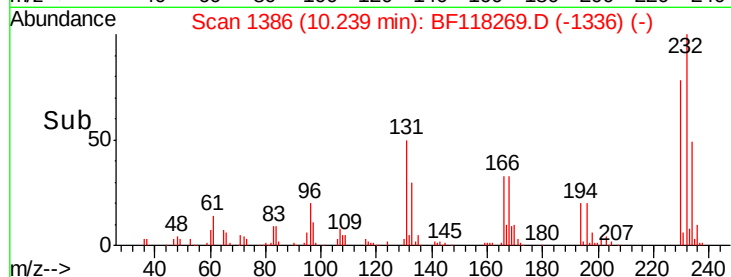
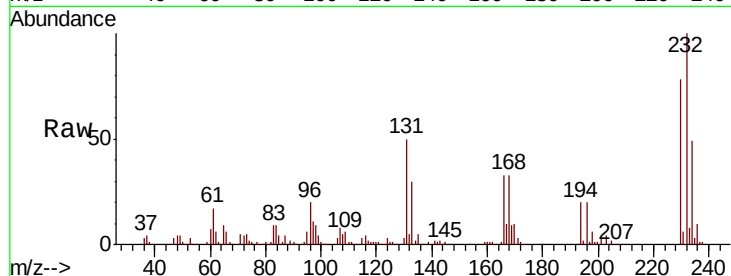
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.236 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	157391		
131	48.0		38.8	58.2
130	2.5		1.9	2.9
166	31.2		25.4	38.0

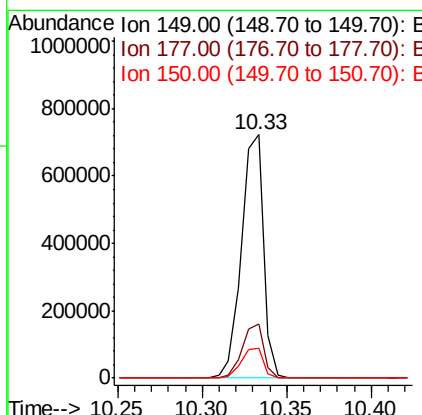
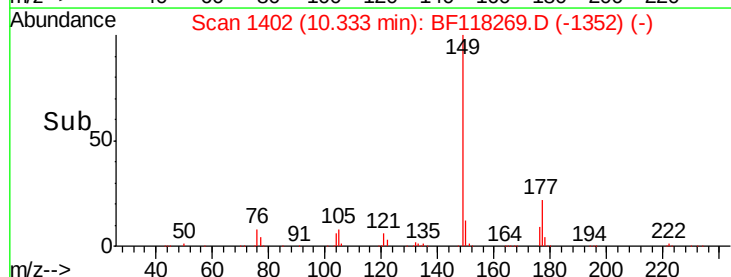
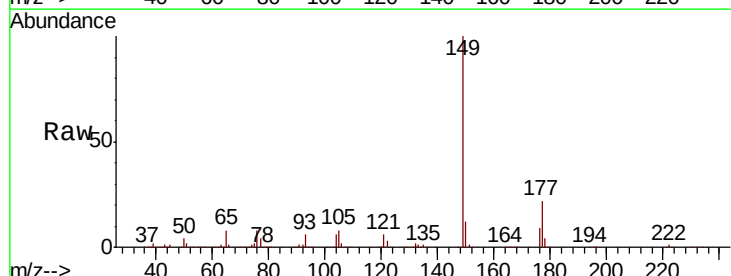
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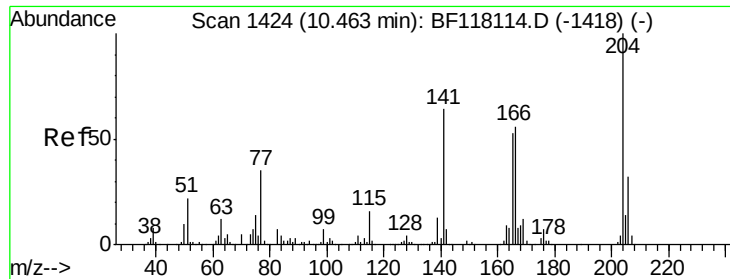
mohammad
 12/19/2019 11:16:52 AM



#60
 Diethylphthalate
 Concen: 44.102 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	660528		
177	22.1		17.0	25.4
150	12.5		10.1	15.1





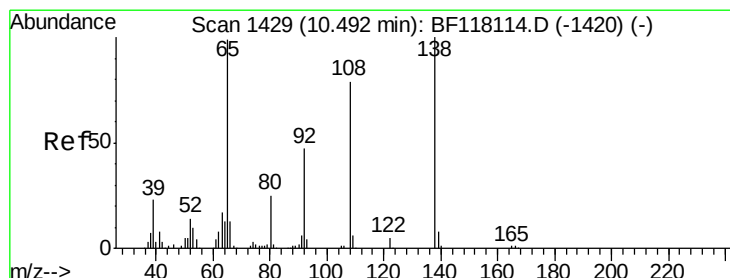
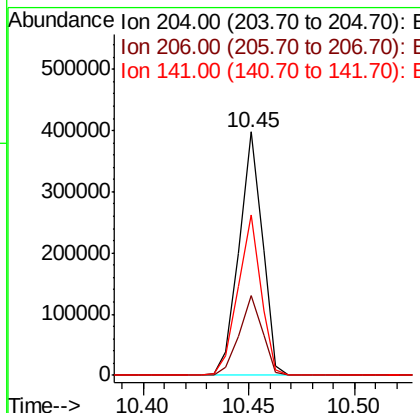
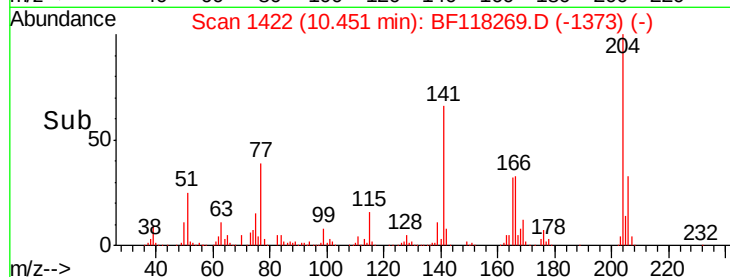
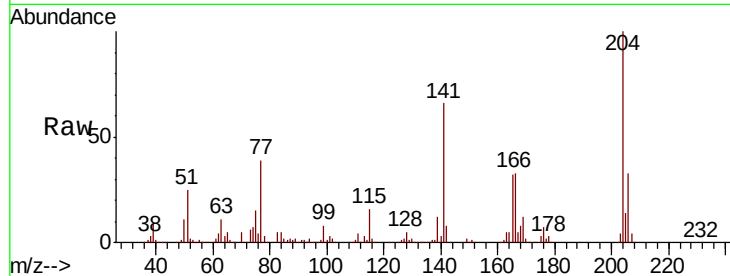
#61
 4-Chlorophenyl-phenylether
 Concen: 43.978 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Instrument :
 BNA_F
 ClientSampled :
 PF-01MSD

Tot Ion:	204	Resp:	302866
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.0	39.0
141	65.9	51.0	76.6

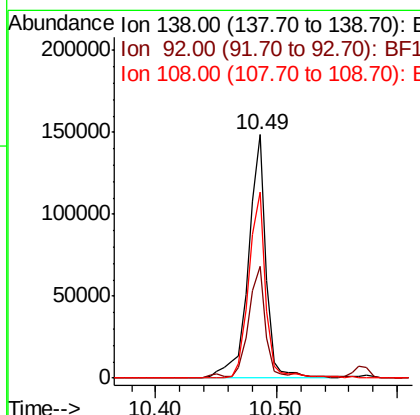
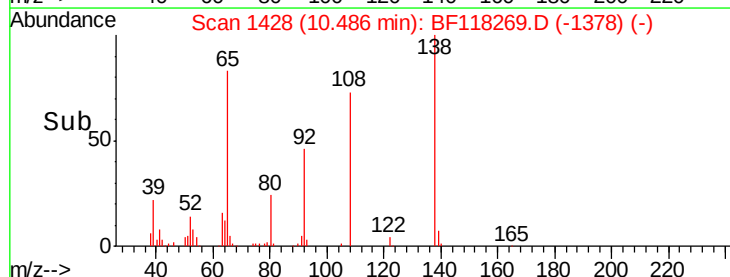
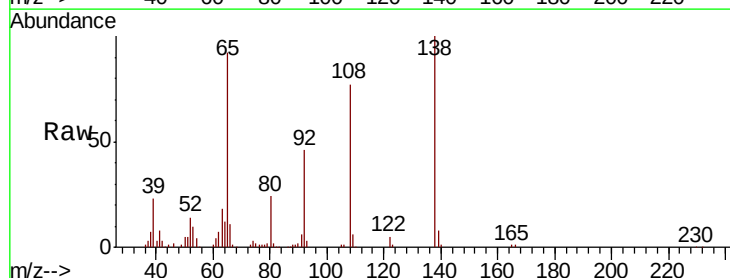
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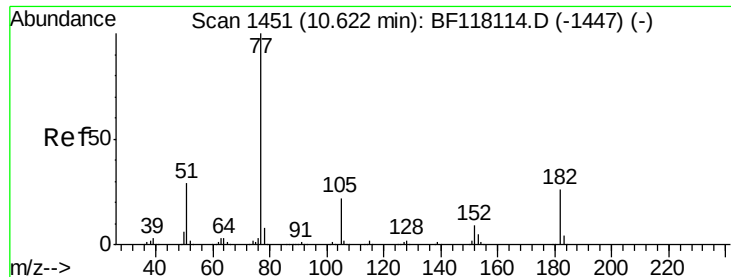
mohammad
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#62
 4-Nitroaniline
 Concen: 37.570 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Tgt Ion:	138	Resp:	152427
Ion Ratio	Lower	Upper	
138	100		
92	45.8	27.1	67.1
108	76.6	59.0	99.0





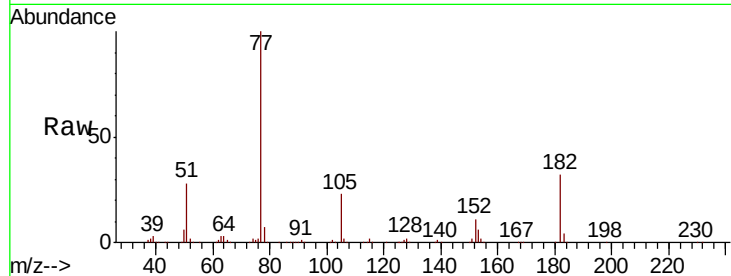
#63
Azobenzene
Concen: 44.282 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

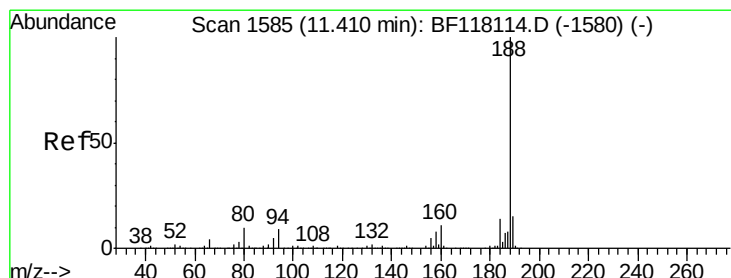
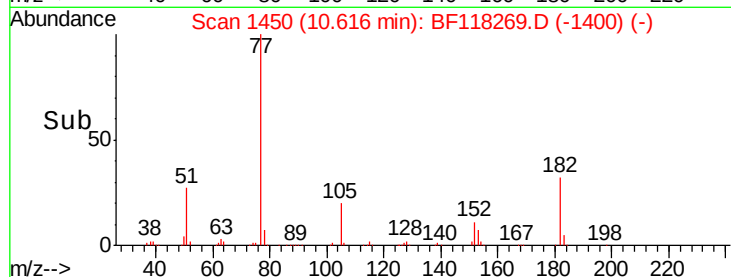
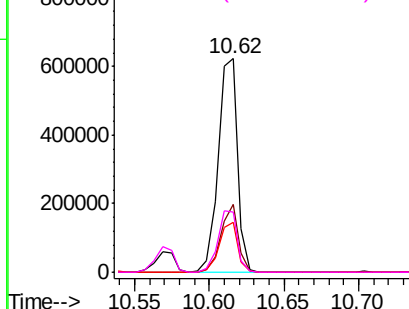
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	31.5	5.7	45.7		
105	23.3	2.2	42.2		
51	28.0	9.6	49.6		

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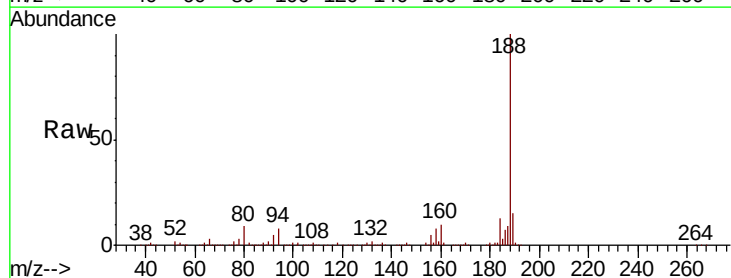


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

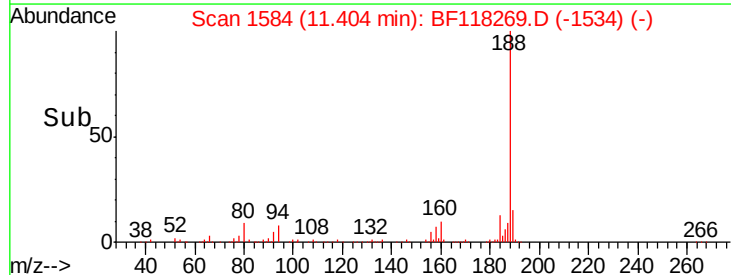
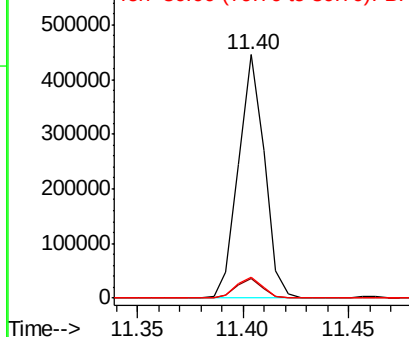


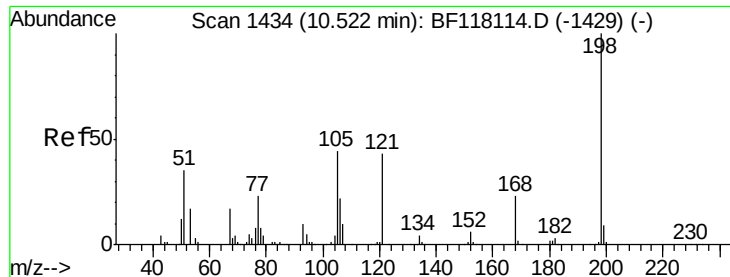
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.1	7.1	10.7		
80	8.8	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





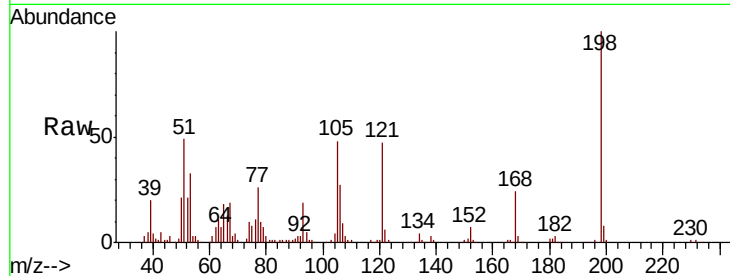
#65
4,6-Dinitro-2-methylphenol
Concen: 46.125 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampled :
PF-01MSD

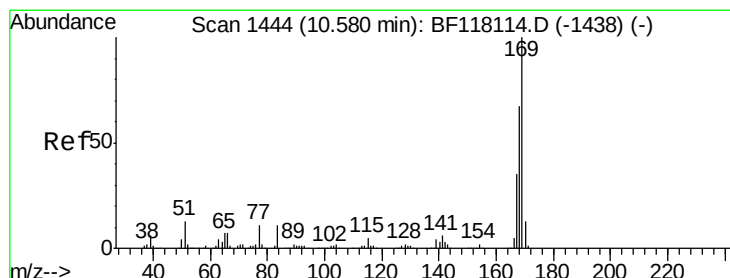
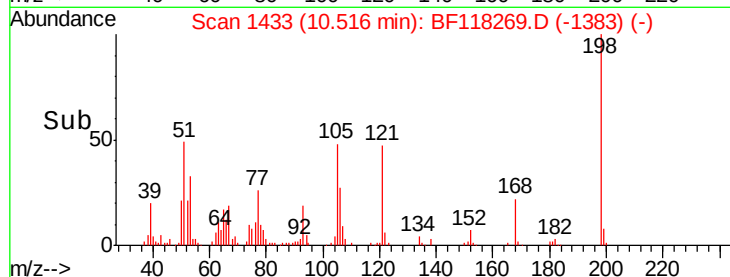
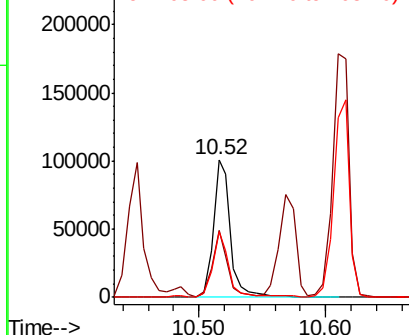
Tot Ion	Ratio	Lower	Upper
198	100		
51	48.8	22.0	62.0
105	47.7	25.6	65.6

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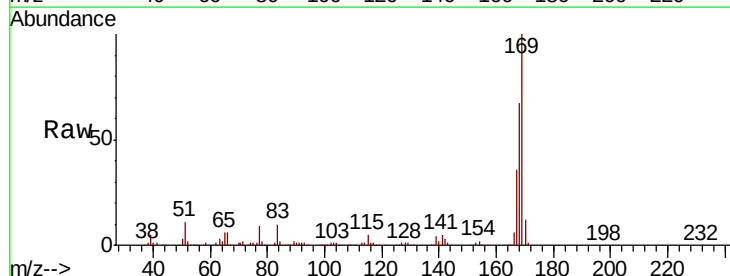


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

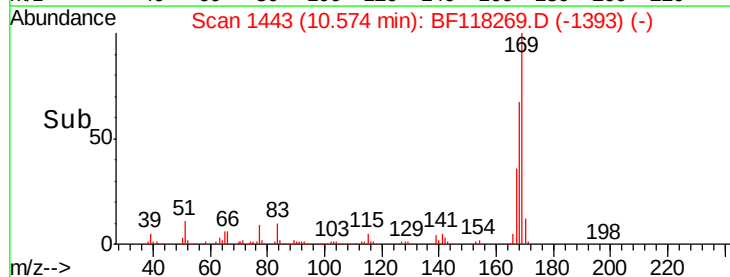
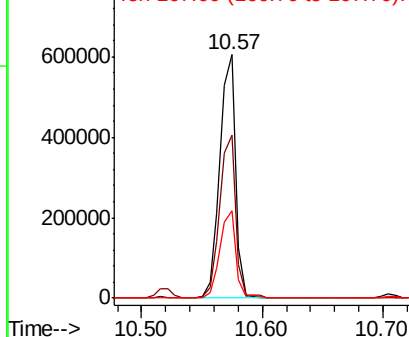


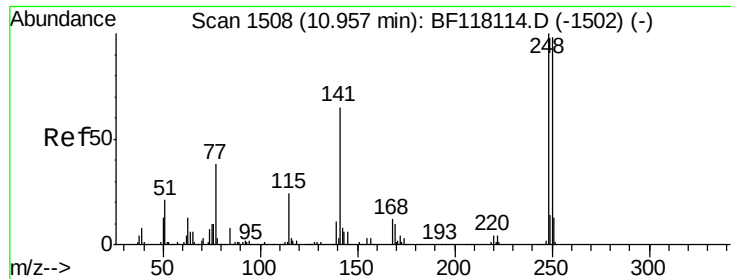
#66
n-Nitrosodiphenylamine
Concen: 45.782 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.4	80.2
167	36.1	28.4	42.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





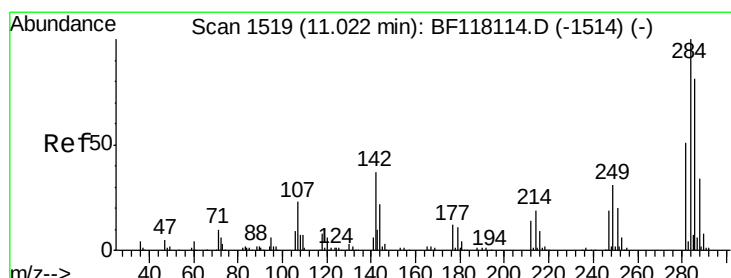
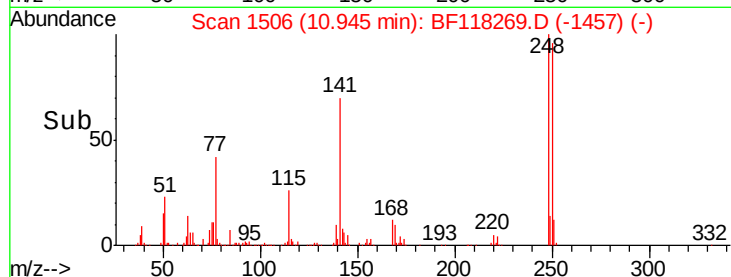
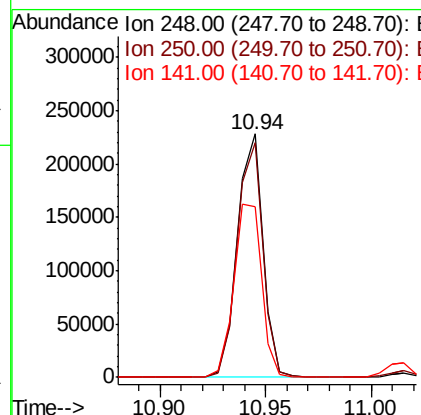
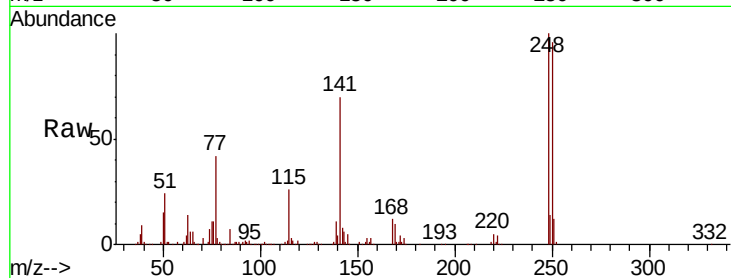
#67
 4-Bromophenyl-phenylether
 Concen: 43.775 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MSD

Tot Ion:	248	Resp:	189182
Ion Ratio	Lower	Upper	
248	100		
250	96.4	78.3	117.5
141	70.0	52.2	78.4

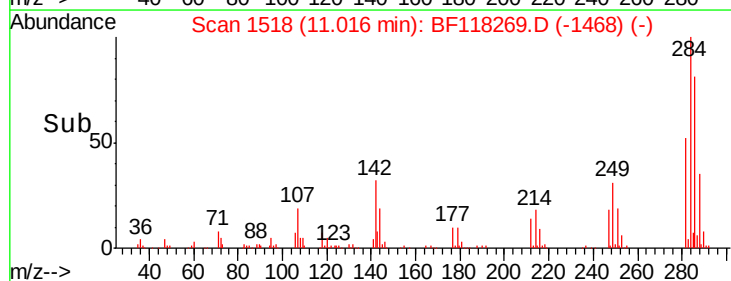
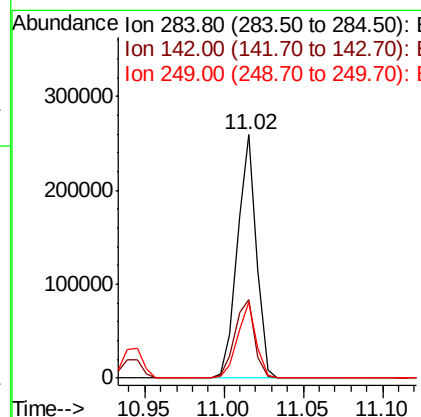
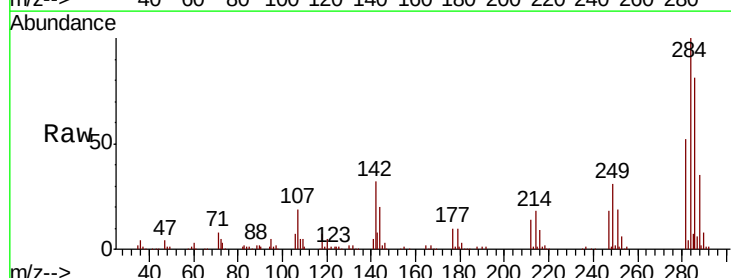
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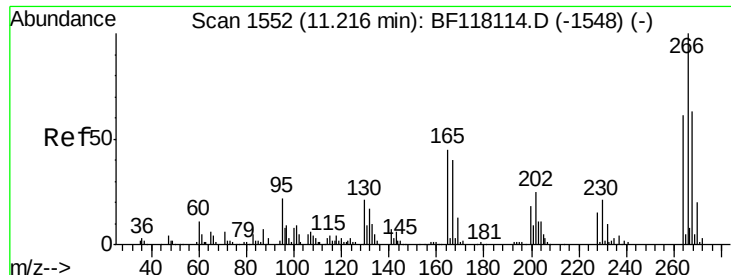
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#68
 Hexachlorobenzene
 Concen: 42.600 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Tgt Ion:	284	Resp:	216696
Ion Ratio	Lower	Upper	
284	100		
142	32.0	29.7	44.5
249	30.9	24.6	37.0





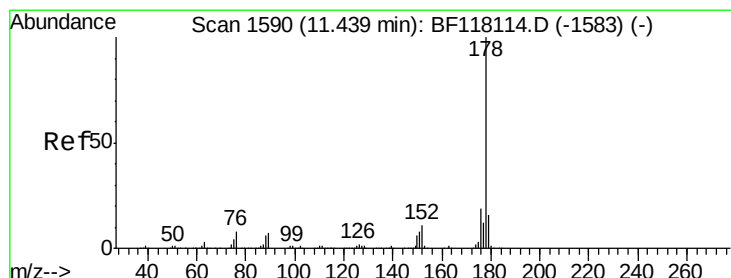
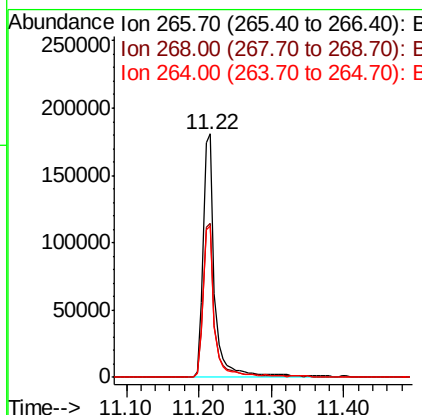
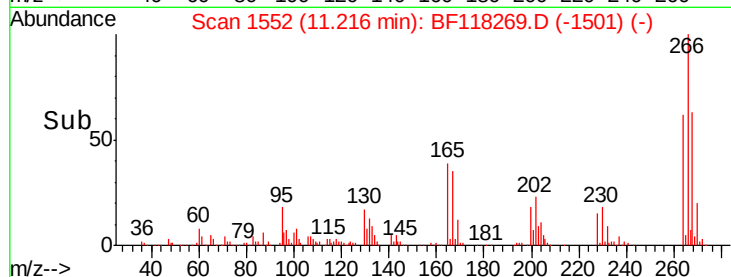
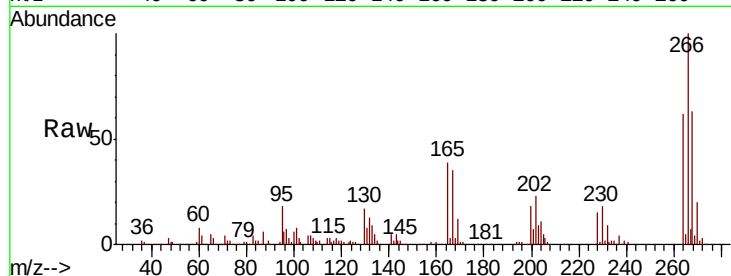
#70
 Pentachlorophenol
 Concen: 86.047 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Instrument :
 BNA_F
 ClientSampled :
 PF-01MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.7	76.1
264	62.0	48.7	73.1

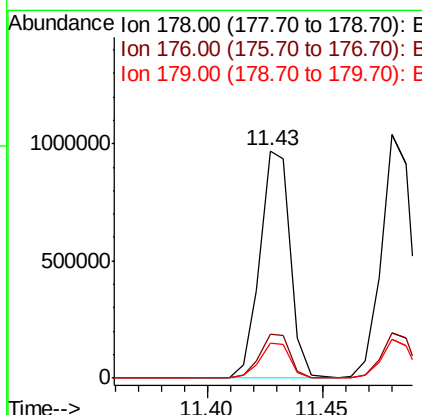
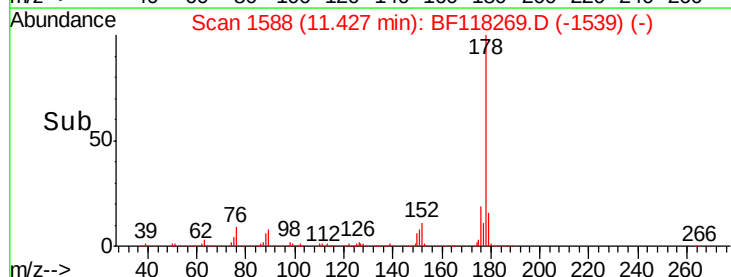
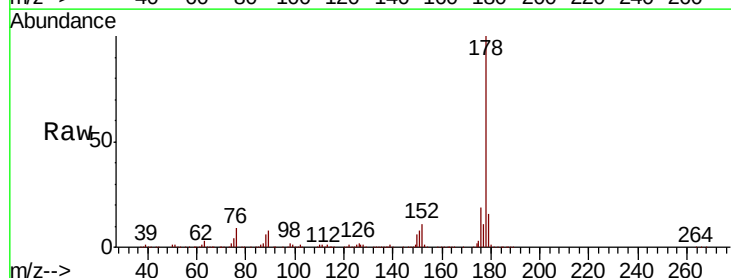
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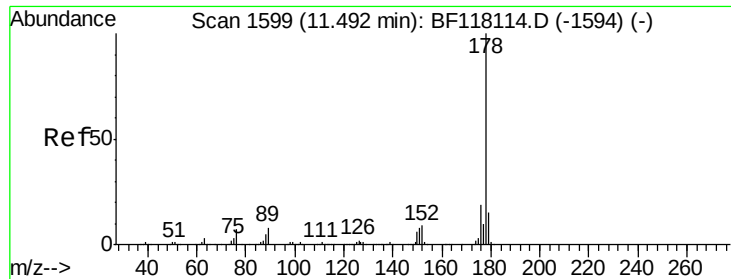
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#71
 Phenanthrene
 Concen: 44.550 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.6	12.6	18.8





#72

Anthracene

Concen: 46.339 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

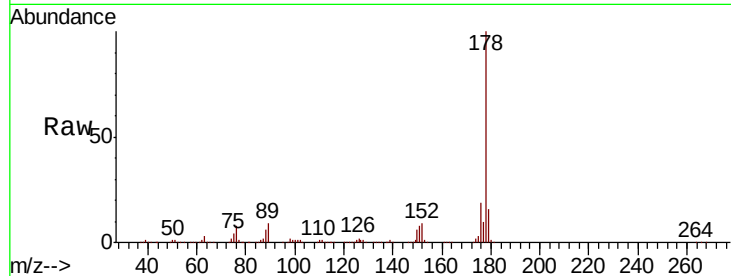
ClientSampleId :

PF-01MSD

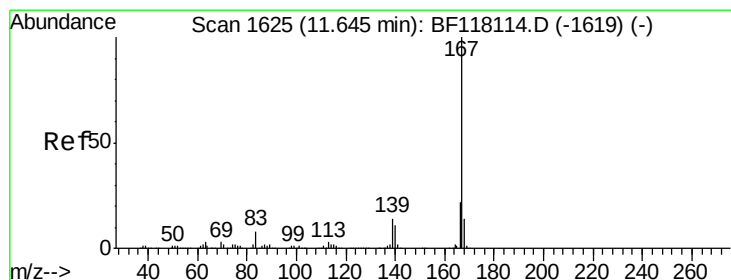
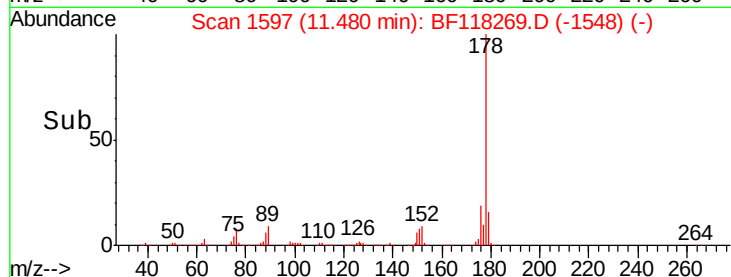
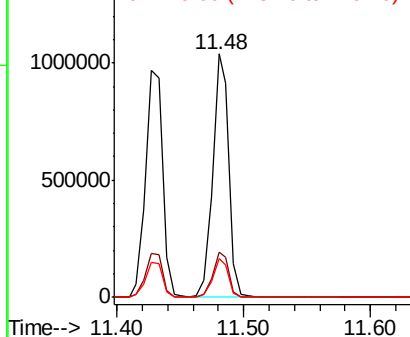
Tot Ion:	178	Resp:	930334
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.0	22.6
179	16.0	12.2	18.4

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 44.083 ng

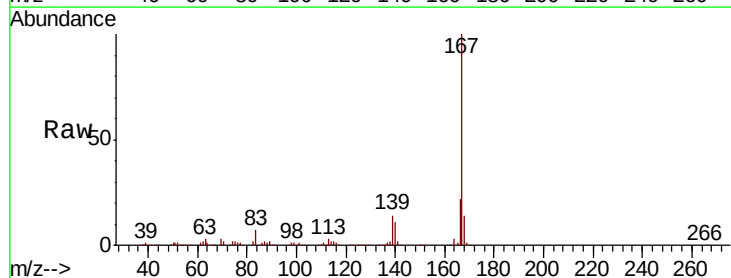
RT: 11.64 min Scan# 1624

Delta R.T. -0.01 min

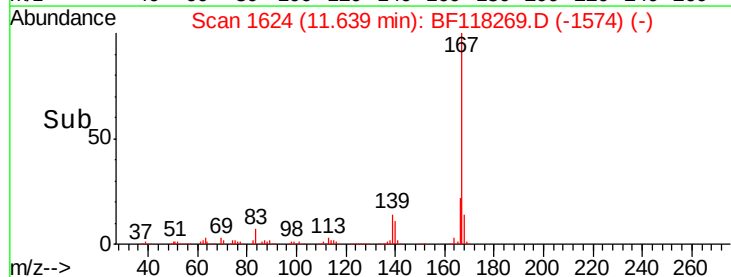
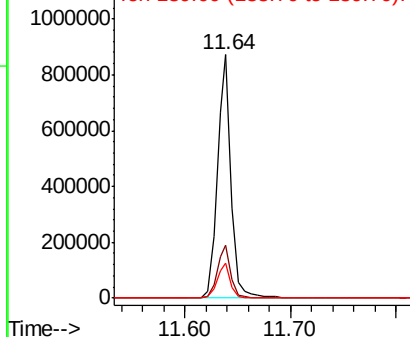
Lab File: BF118269.D

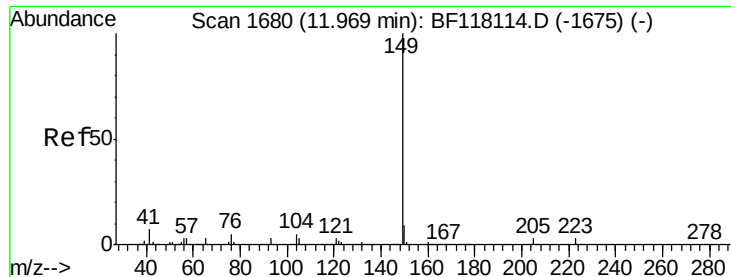
Acq: 18 Dec 2019 20:02

Tgt Ion:	167	Resp:	794073
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.4	26.2
139	14.3	11.4	17.0



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





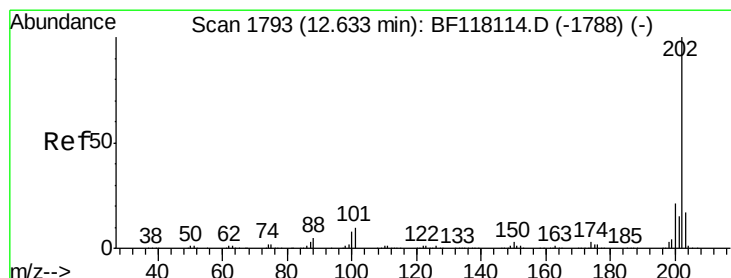
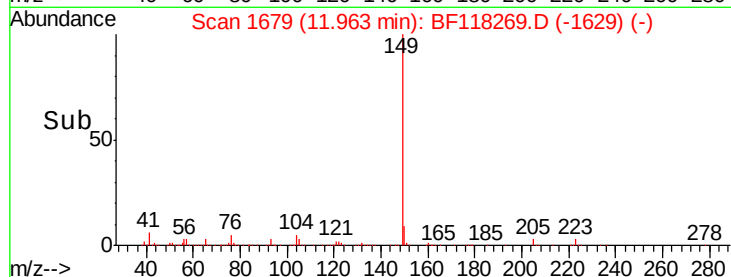
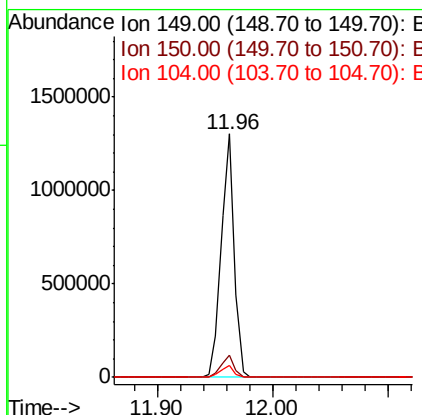
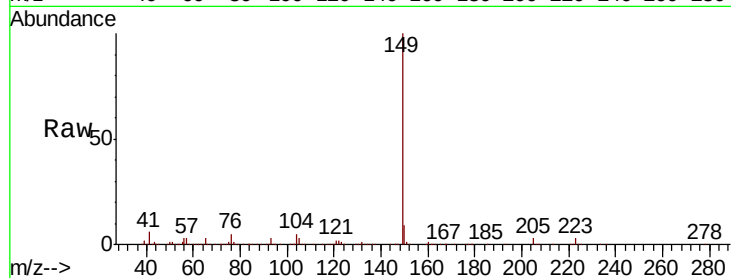
#74
Di-n-butylphthalate
Concen: 45.296 ng
RT: 11.96 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.8	4.3	6.5

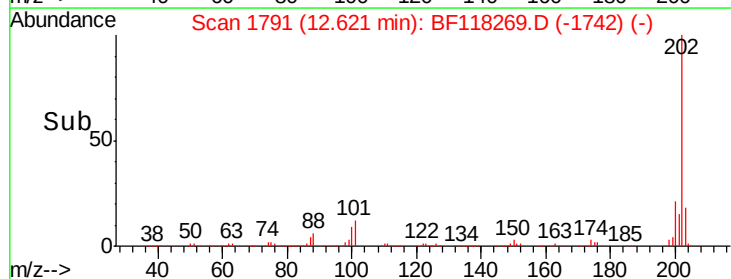
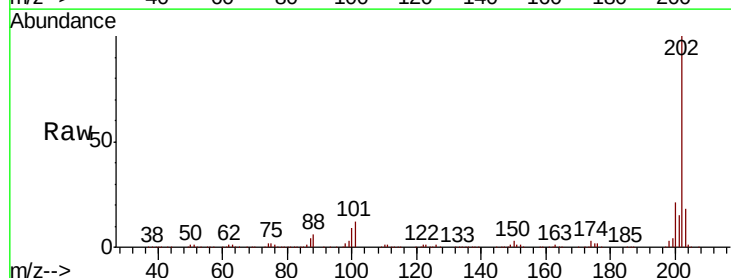
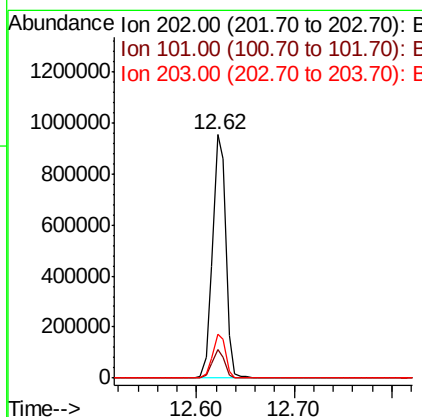
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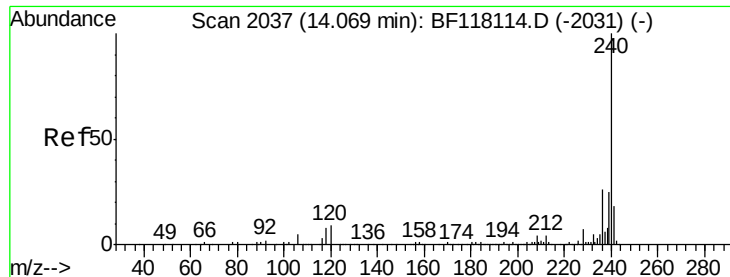
mohammad
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#75
Fluoranthene
Concen: 43.863 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.4
203	18.2	0.0	37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

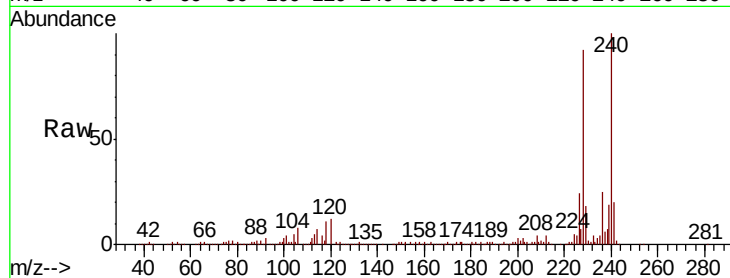
ClientSampleId :

PF-01MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	7.1	10.7
236	25.3	21.0	31.6

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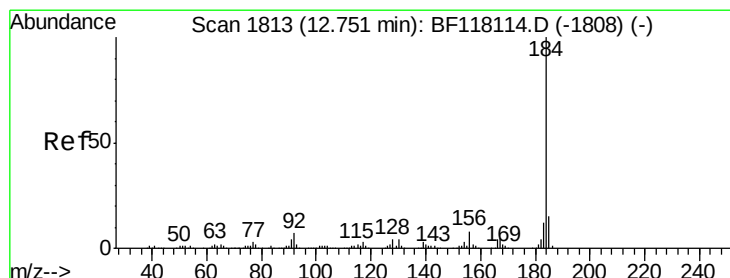
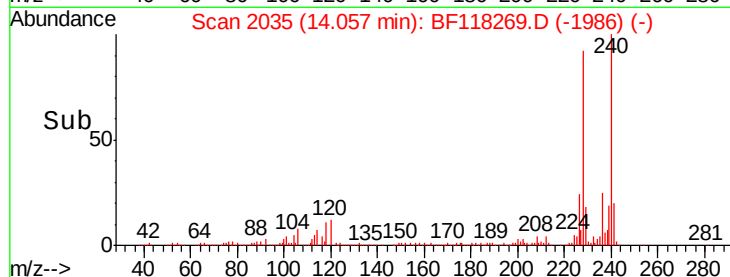
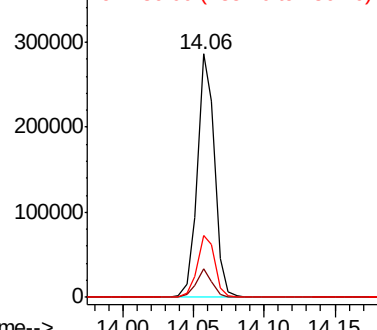


Abundance

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: 55.888 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

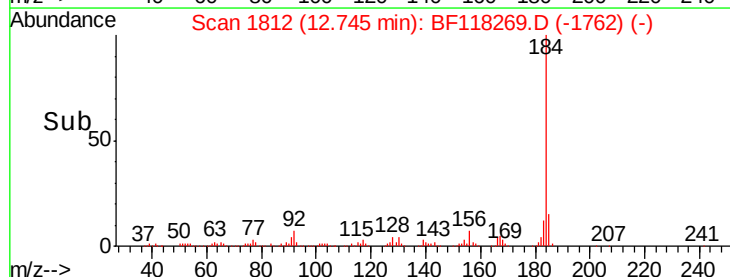
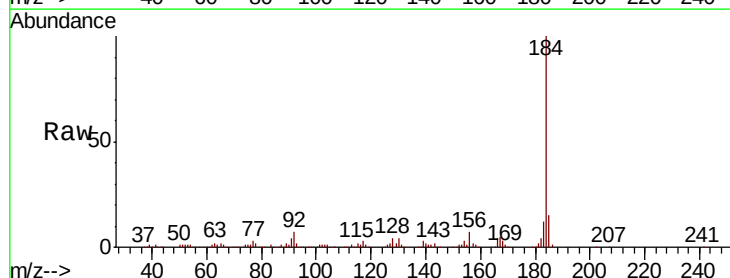
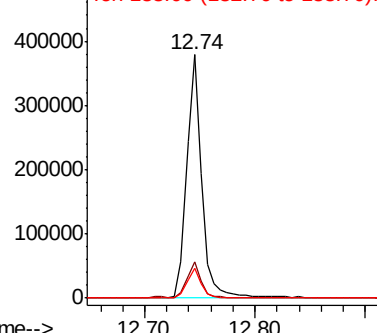
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.3	18.5
183	12.1	9.9	14.9

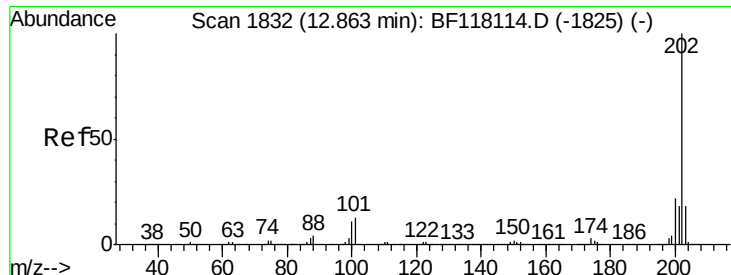
Abundance

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





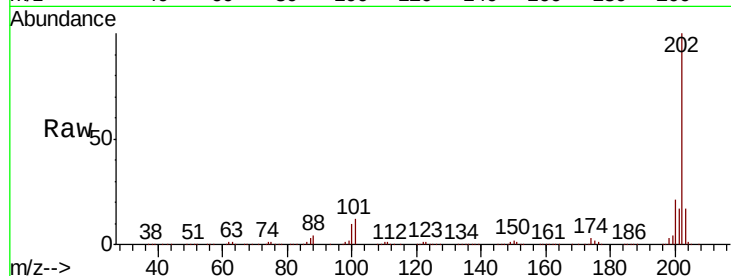
#78
Pvrene
Concen: 47.043 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	899056		
200	20.8		17.5	26.3
203	17.2		14.6	21.8

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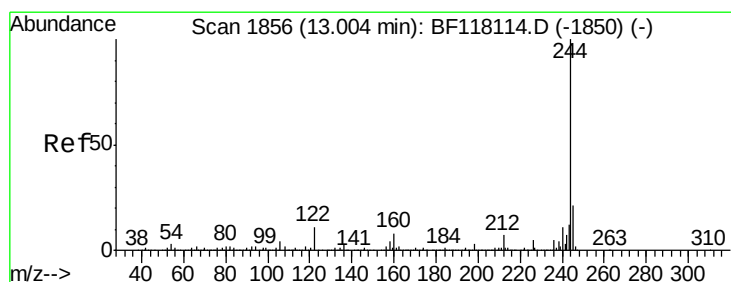
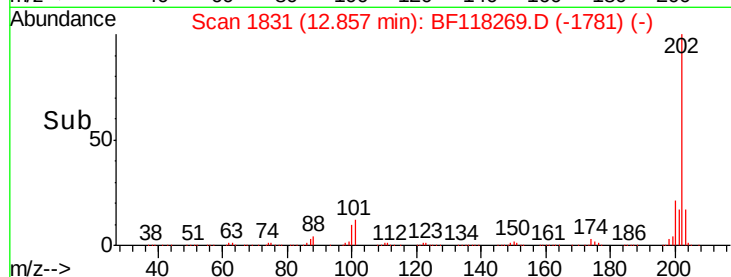
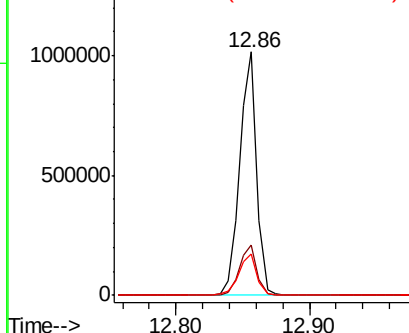


Abundance

Ion 202.00 (201.70 to 202.70): E

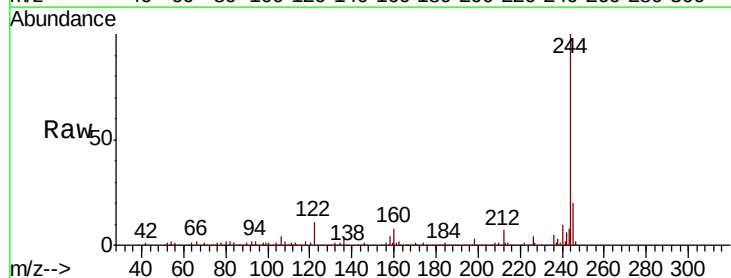
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 84.019 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1184904		
212	6.8		5.9	8.9
122	11.4		9.0	13.6

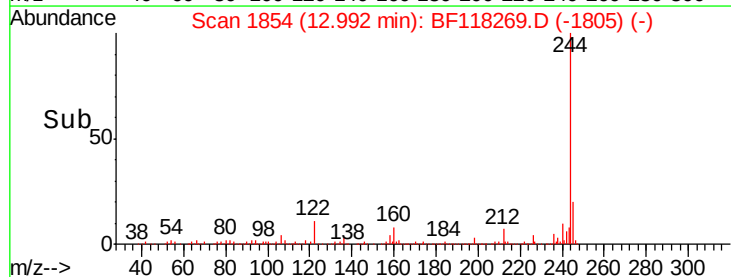
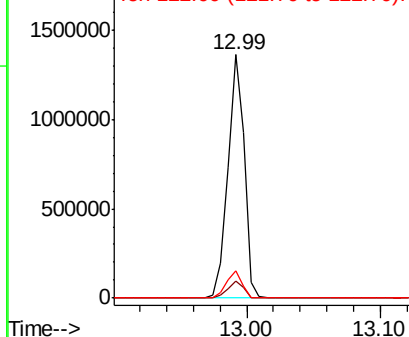


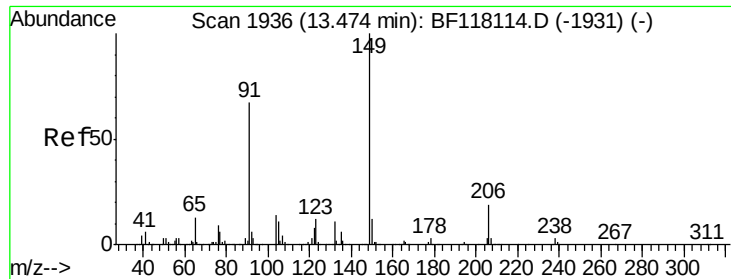
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





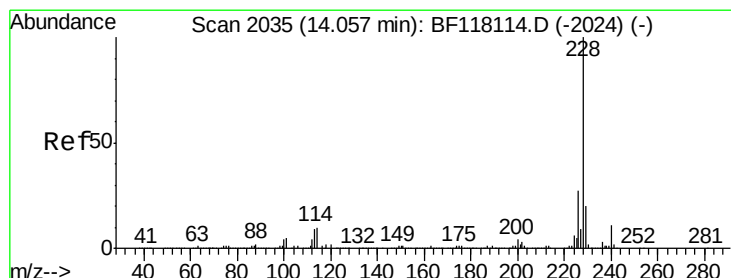
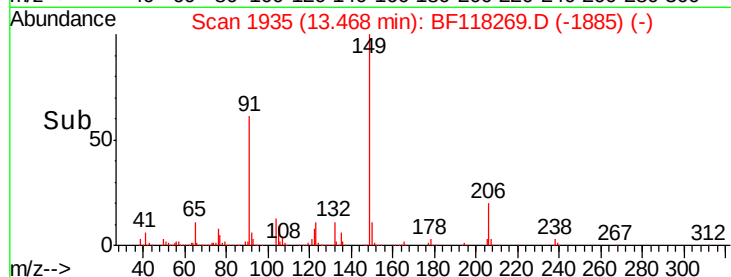
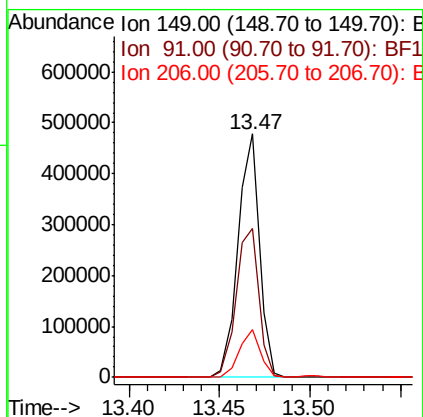
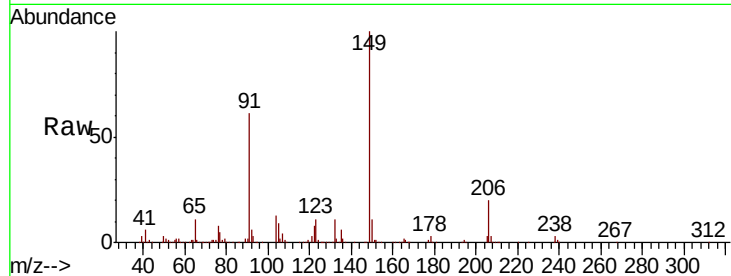
#80
Butylbenzylphthalate
Concen: 45.621 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	60.9	53.9	80.9
206	19.9	15.2	22.8

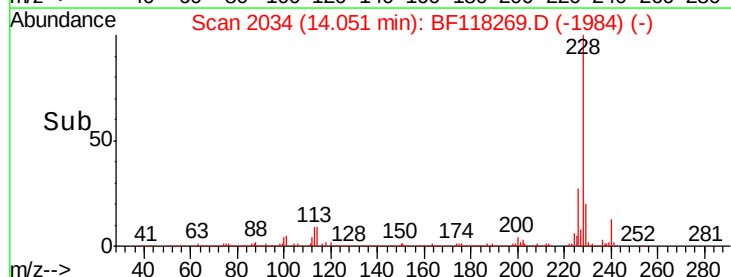
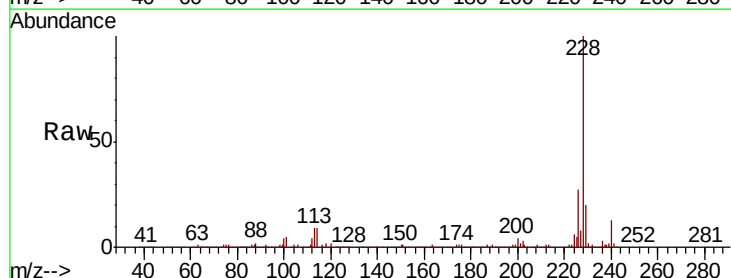
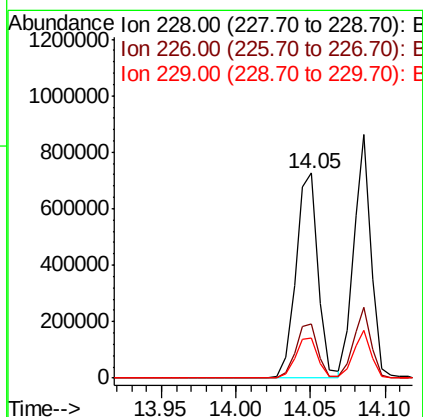
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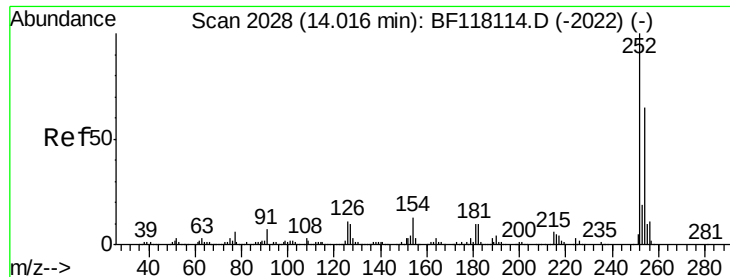
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#81
Benzo(a)anthracene
Concen: 44.940 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.8	32.8
229	19.7	15.8	23.8





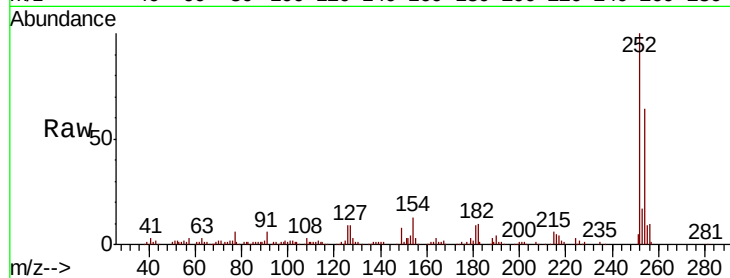
#82
 3,3'-Dichlorobenzidine
 Concen: 25.735 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	141734		
254	64.1	52.2	78.4	
126	8.7	8.6	13.0	

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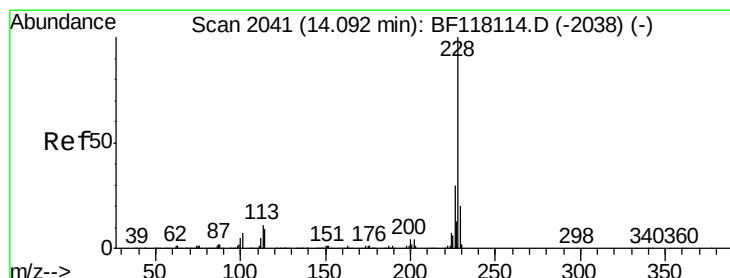
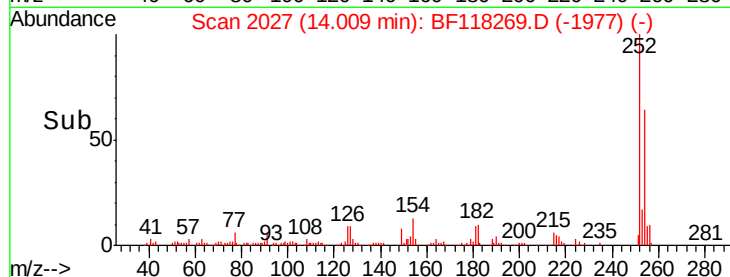
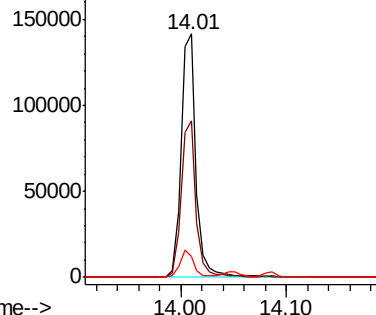


Abundance

Ion 252.00 (251.70 to 252.70): E

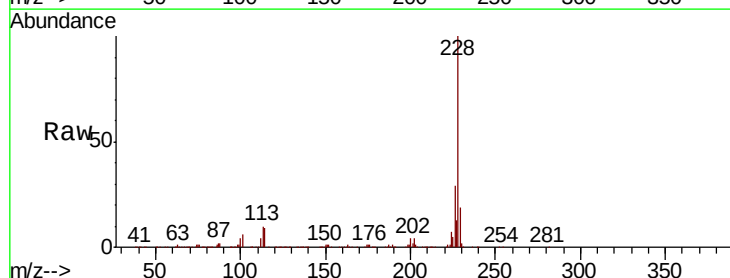
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 44.587 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	714204		
226	29.2	23.8	35.8	
229	19.4	15.7	23.5	

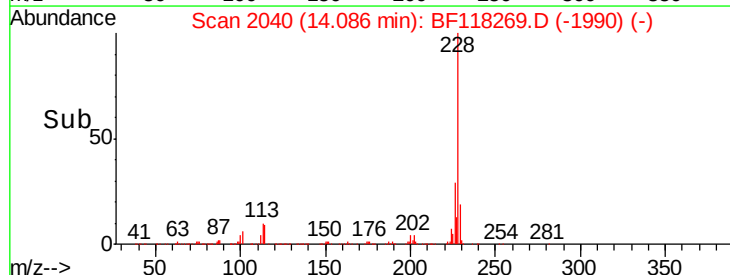
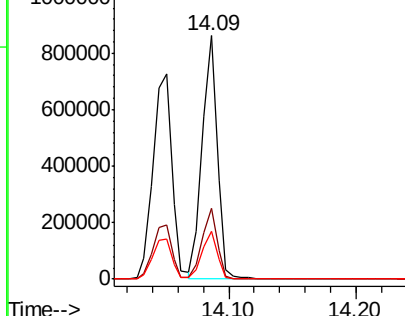


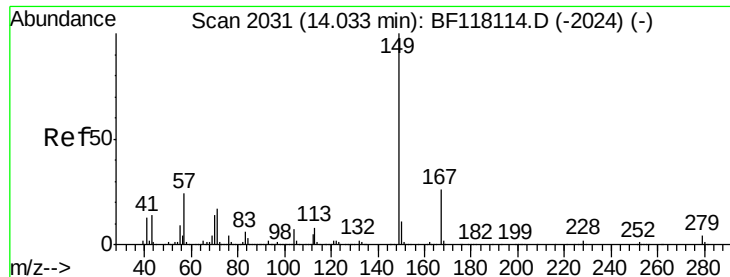
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 47.899 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

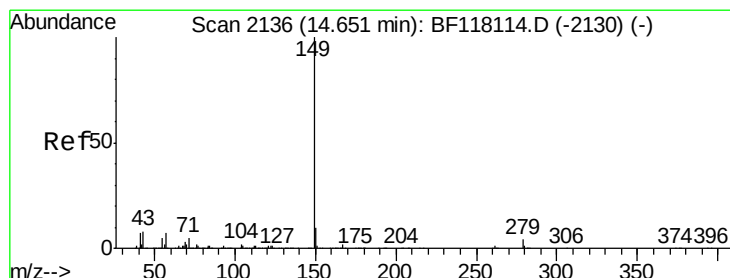
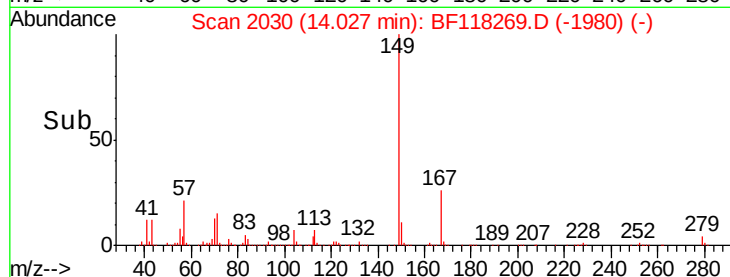
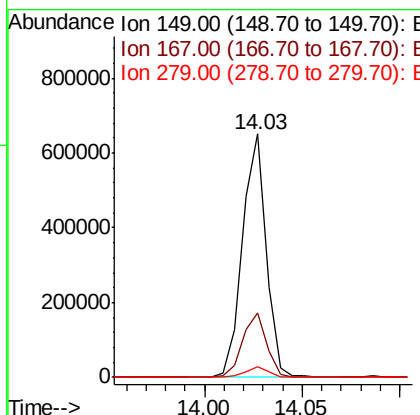
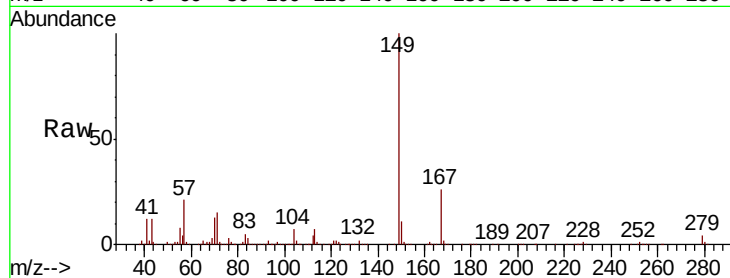
ClientSampleId :

PF-01MSD

Tot Ion:	149	Resp:	546659
Ion Ratio		Lower	Upper
149	100		
167	26.5	20.8	31.2
279	4.3	2.9	4.3

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#85

Di-n-octyl phthalate

Concen: 49.082 ng

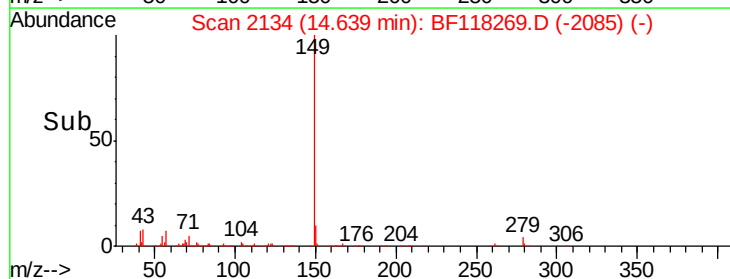
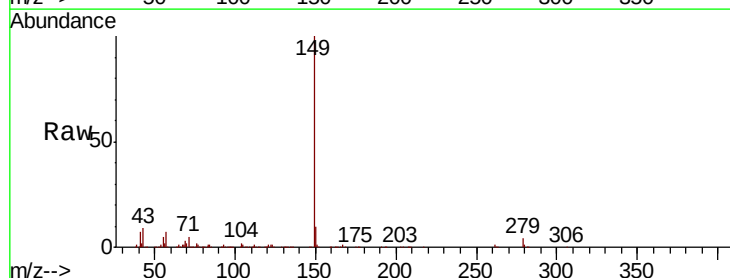
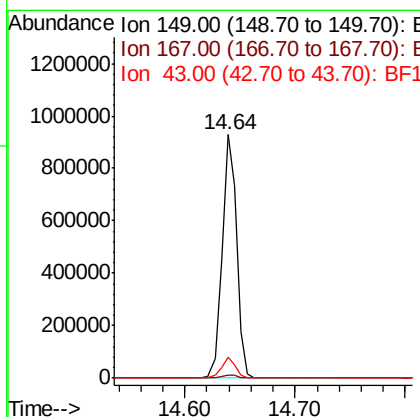
RT: 14.64 min Scan# 2134

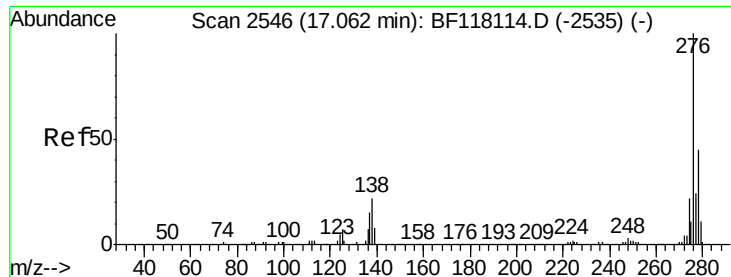
Delta R.T. -0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Tgt Ion:	149	Resp:	848550
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.0	6.5	9.7





#86

Indeno(1,2,3-cd)pyrene

Concen: 60.199 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF118269.D

Acq: 18 Dec 2019 20:02

Instrument :

BNA_F

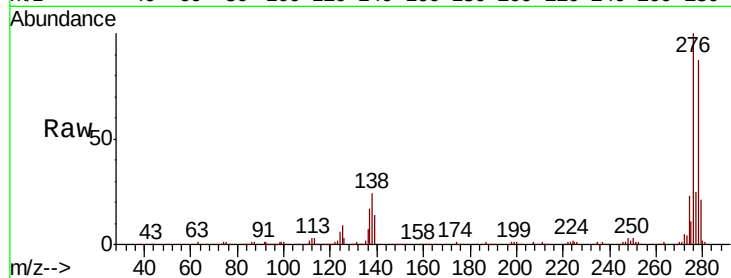
ClientSampleId :

PF-01MSD

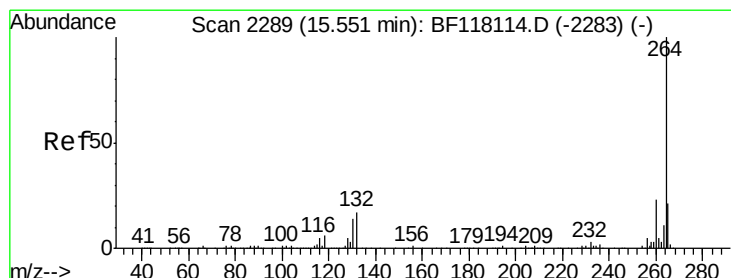
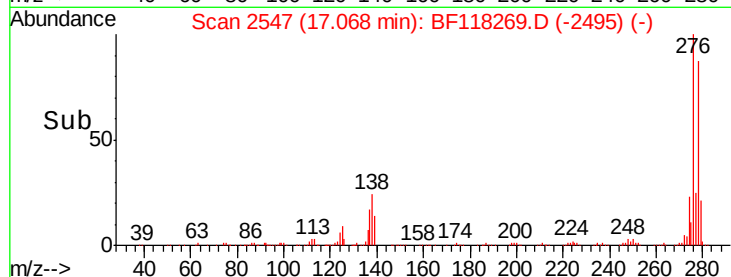
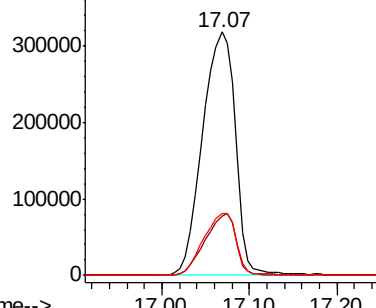
Tot Ion:	276	Resp:	811366
Ion Ratio	Lower	Upper	
276	100		
138	23.8	18.9	28.3
277	25.3	20.4	30.6

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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

Perylene-d12

Concen: 20.000 ng

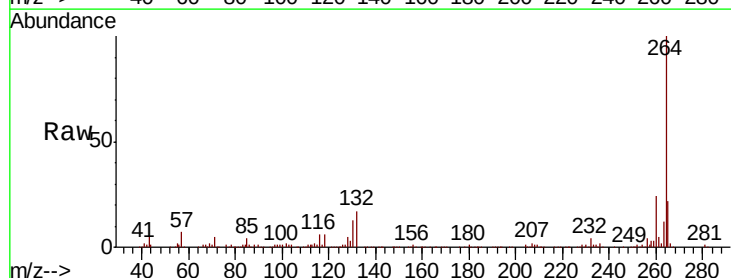
RT: 15.54 min Scan# 2288

Delta R.T. -0.01 min

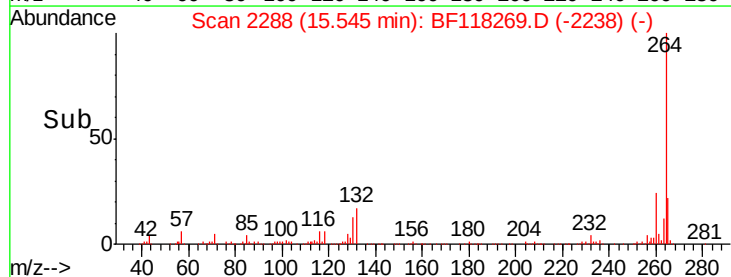
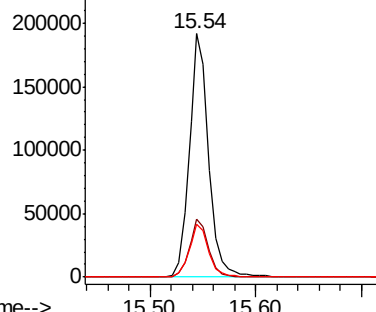
Lab File: BF118269.D

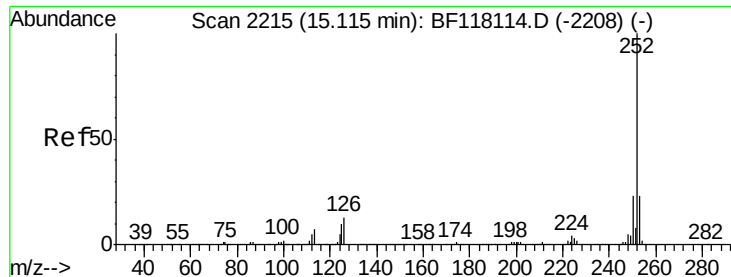
Acq: 18 Dec 2019 20:02

Tgt Ion:	264	Resp:	244479
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.6	28.0
265	21.9	16.8	25.2



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





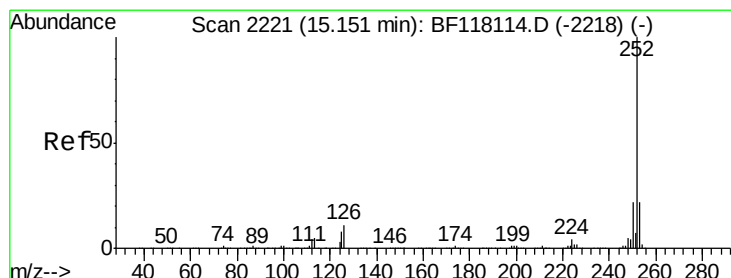
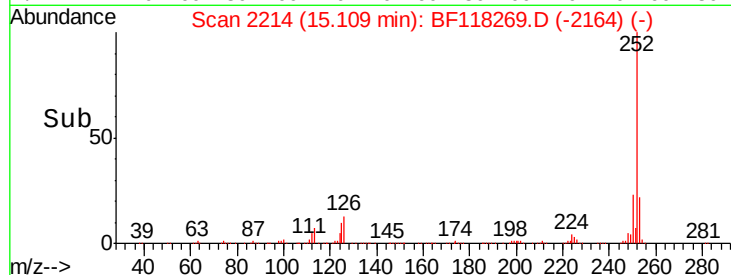
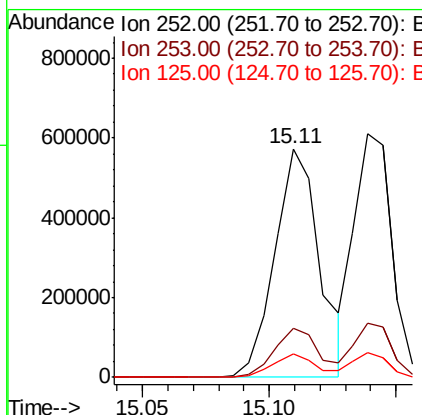
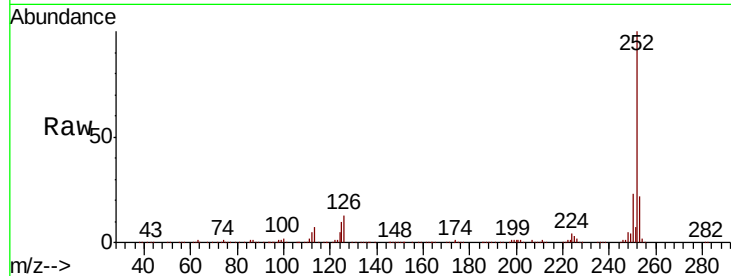
#88
Benzo(b)fluoranthene
Concen: 43.688 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion:	252	Resp:	706389
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.2	27.4
125	10.5	8.3	12.5

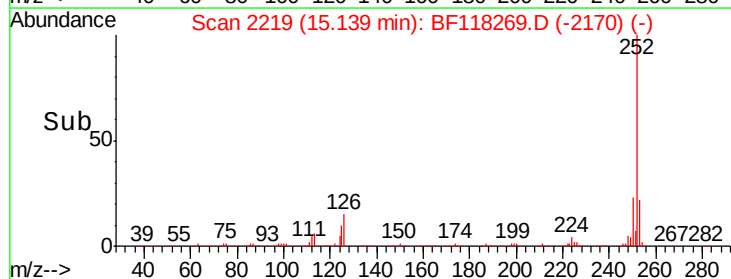
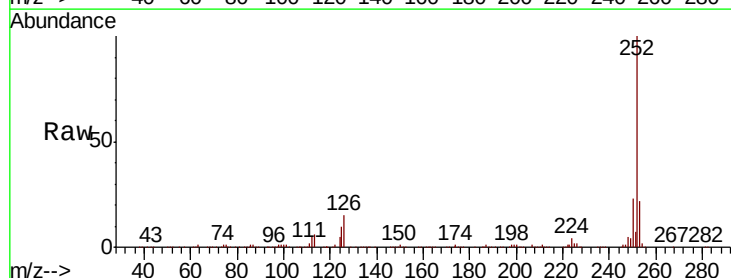
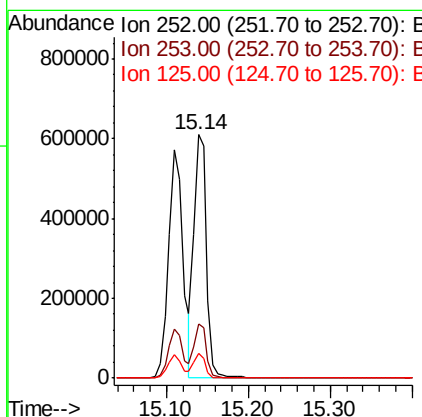
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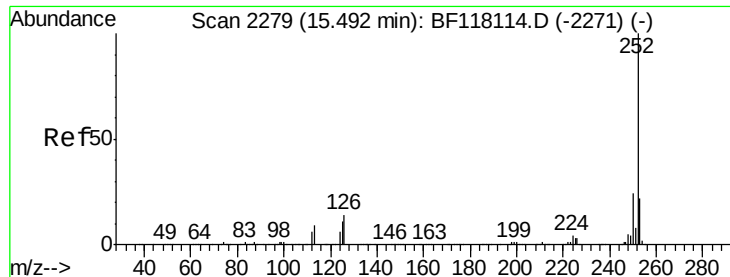
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#89
Benzo(k)fluoranthene
Concen: 41.641 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion:	252	Resp:	646814
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	10.4	6.7	10.1#





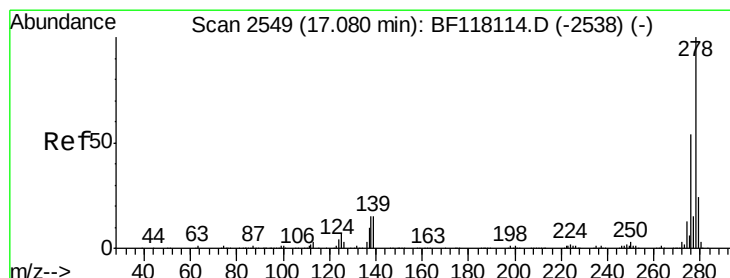
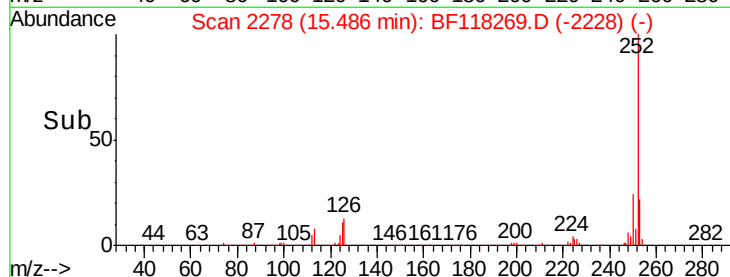
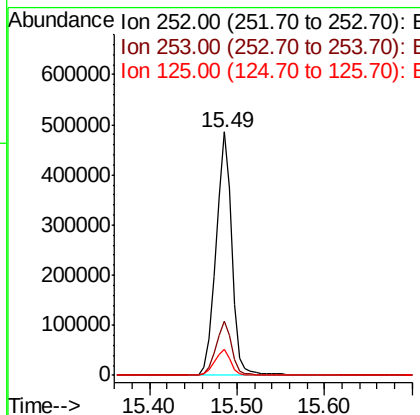
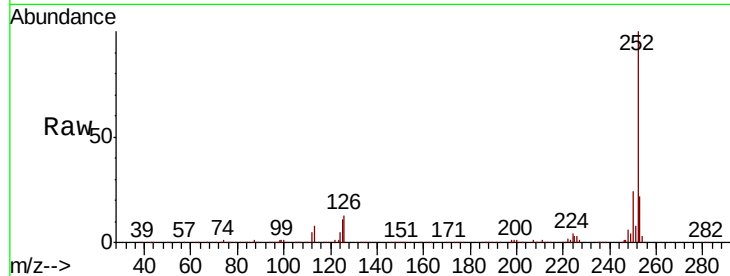
#90
Benzo(a)pyrene
Concen: 42.881 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Instrument :
BNA_F
ClientSampleId :
PF-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.7	9.1	13.7

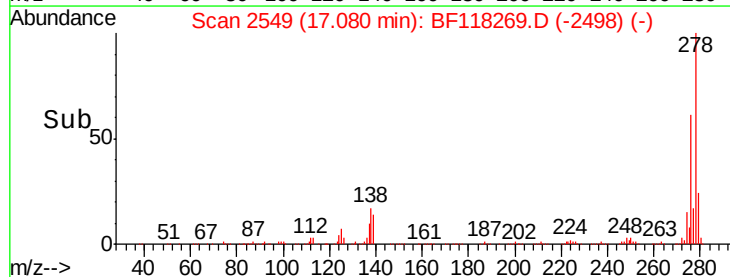
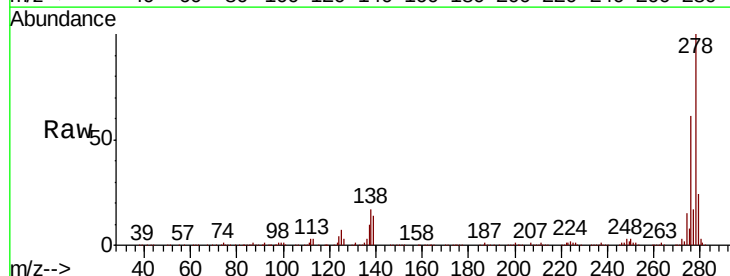
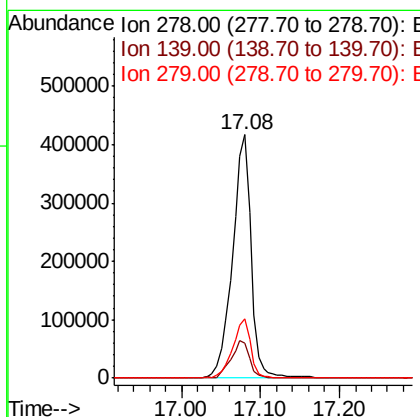
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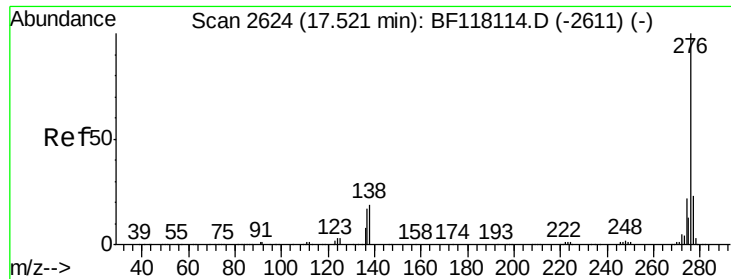
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 55.205 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BF118269.D
Acq: 18 Dec 2019 20:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.7	17.5
279	24.2	19.0	28.4





#92
 Benzo(a,h,i)perylene
 Concen: 58.826 ng
 RT: 17.52 min Scan# 2624
 Delta R.T. -0.00 min
 Lab File: BF118269.D
 Acq: 18 Dec 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.2	27.4
138	19.9	15.5	23.3

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