

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118182.D
 Acq On : 13 Dec 2019 13:17
 Operator : JU
 Sample : PB125420BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125420BS

Manual Integrations
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 12/16/2019 12:25:10 PM

Quant Time: Dec 13 17:53:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	114105	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	456836	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	248921	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	471167	20.00	ng	0.00
76) Chrysene-d12	14.06	240	335109	20.00	ng	0.00
87) Perylene-d12	15.55	264	277772	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	725242	111.32	ng	0.02
7) Phenol-d6	6.50	99	879945	111.67	ng	0.00
23) Nitrobenzene-d5	7.43	82	591629	72.86	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	335360	110.90	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1250664	76.45	ng	0.00
79) Terphenyl-d14	13.00	244	1529881	78.51	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.73	88	109005	39.682	ng	99
3) Pyridine	3.48	79	259362	36.596	ng	98
4) n-Nitrosodimethylamine	3.43	42	127230	41.730	ng	92
6) Aniline	6.53	93	329486	32.688	ng	99
8) 2-Chlorophenol	6.66	128	324449	44.167	ng	98
9) Benzaldehyde	6.42	77	216434	61.778	ng	93
10) Phenol	6.52	94	378170	42.082	ng	95
11) bis(2-Chloroethyl)ether	6.60	93	280969	43.230	ng	95
12) 1,3-Dichlorobenzene	6.81	146	352491	41.076	ng	97
13) 1,4-Dichlorobenzene	6.89	146	360758	41.749	ng	99
14) 1,2-Dichlorobenzene	7.04	146	341835	42.124	ng	98
15) Benzyl Alcohol	7.01	79	274210	44.579	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	313303	40.092	ng	93
17) 2-Methylphenol	7.13	107	258874	44.307	ng	98
18) Hexachloroethane	7.38	117	130093	40.858	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	206357	43.097	ng	97
20) 3+4-Methylphenols	7.28	107	327783	44.664	ng	98
22) Acetophenone	7.28	105	436376	39.760	ng	# 97
24) Nitrobenzene	7.45	77	320651	40.191	ng	97
25) Isophorone	7.69	82	572378	41.580	ng	99
26) 2-Nitrophenol	7.77	139	182168	42.720	ng	92
27) 2,4-Dimethylphenol	7.81	122	275697	48.470	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	353741	39.326	ng	98
29) 2,4-Dichlorophenol	8.02	162	275429	41.537	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	303226	39.129	ng	96
31) Naphthalene	8.18	128	959812	41.834	ng	99
32) Benzoic acid	7.94	122	202968	39.520	ng	98
33) 4-Chloroaniline	8.23	127	189959	19.175	ng	95
34) Hexachlorobutadiene	8.29	225	177565	38.212	ng	99
35) Caprolactam	8.60	113	87042m	42.565	ng	
36) 4-Chloro-3-methylphenol	8.72	107	294322	42.178	ng	99
37) 2-Methylnaphthalene	8.87	142	661694	42.600	ng	99
38) 1-Methylnaphthalene	8.97	142	613417	42.060	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	291785	38.694	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	319569	94.586	nq	97
43) 2,4,6-Trichlorophenol	9.15	196	199315	39.587	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	217824	41.759	nq	97
46) 1,1'-Biphenyl	9.34	154	783866	39.928	nq	98
47) 2-Chloronaphthalene	9.36	162	617407	39.096	nq	98
48) 2-Nitroaniline	9.46	65	173399	38.503	nq	92
49) Acenaphthylene	9.78	152	988465	42.437	nq	99
50) Dimethylphthalate	9.64	163	731313	39.775	nq	100
51) 2,6-Dinitrotoluene	9.70	165	163997	41.020	nq	93
52) Acenaphthene	9.95	154	567892	39.945	nq	96
53) 3-Nitroaniline	9.87	138	112373	23.884	nq	97
54) 2,4-Dinitrophenol	9.99	184	160143	80.512	nq	96
55) Dibenzofuran	10.13	168	864209	41.485	nq	97
56) 4-Nitrophenol	10.05	139	261504	80.087	nq	96
57) 2,4-Dinitrotoluene	10.11	165	222504	41.697	nq	98
58) Fluorene	10.47	166	684140	41.325	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	180972	42.052	nq	99
60) Diethylphthalate	10.34	149	740948	40.902	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	340582	40.888	nq	96
62) 4-Nitroaniline	10.49	138	171953	35.041	nq	99
63) Azobenzene	10.62	77	638040	41.259	nq	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	113986	43.806	nq	94
66) n-Nitrosodiphenylamine	10.58	169	603695	41.029	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	211003	39.231	nq	94
68) Hexachlorobenzene	11.02	284	245949	38.851	nq	98
69) Atrazine	11.11	200	211713	62.459	nq	98
70) Pentachlorophenol	11.22	266	261159	87.723	nq	99
71) Phenanthrene	11.44	178	1007466	40.223	nq	100
72) Anthracene	11.49	178	1073086	42.948	nq	100
73) Carbazole	11.65	167	916638	40.889	nq	99
74) Di-n-butylphthalate	11.97	149	1171258	41.747	nq	99
75) Fluoranthene	12.63	202	1062313	41.484	nq	97
77) Benzidine	12.75	184	485225	55.003	nq	99
78) Pyrene	12.86	202	1071517	40.575	nq	99
80) Butylbenzylphthalate	13.47	149	488632	40.856	nq	94
81) Benzo(a)anthracene	14.05	228	916138	39.537	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	225214	29.594	nq	99
83) Chrysene	14.09	228	873984	39.486	nq	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	683724	43.355	nq	98
85) Di-n-octyl phthalate	14.65	149	1047060	43.830	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	656613	35.256	nq	100
88) Benzo(b)fluoranthene	15.12	252	791154	43.066	nq	98
89) Benzo(k)fluoranthene	15.15	252	704474	39.917	nq	99
90) Benzo(a)pyrene	15.49	252	634119	39.083	nq	99
91) Dibenzo(a,h)anthracene	17.08	278	548062	39.383	nq	99
92) Benzo(g,h,i)perylene	17.52	276	519873	38.876	nq	97

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

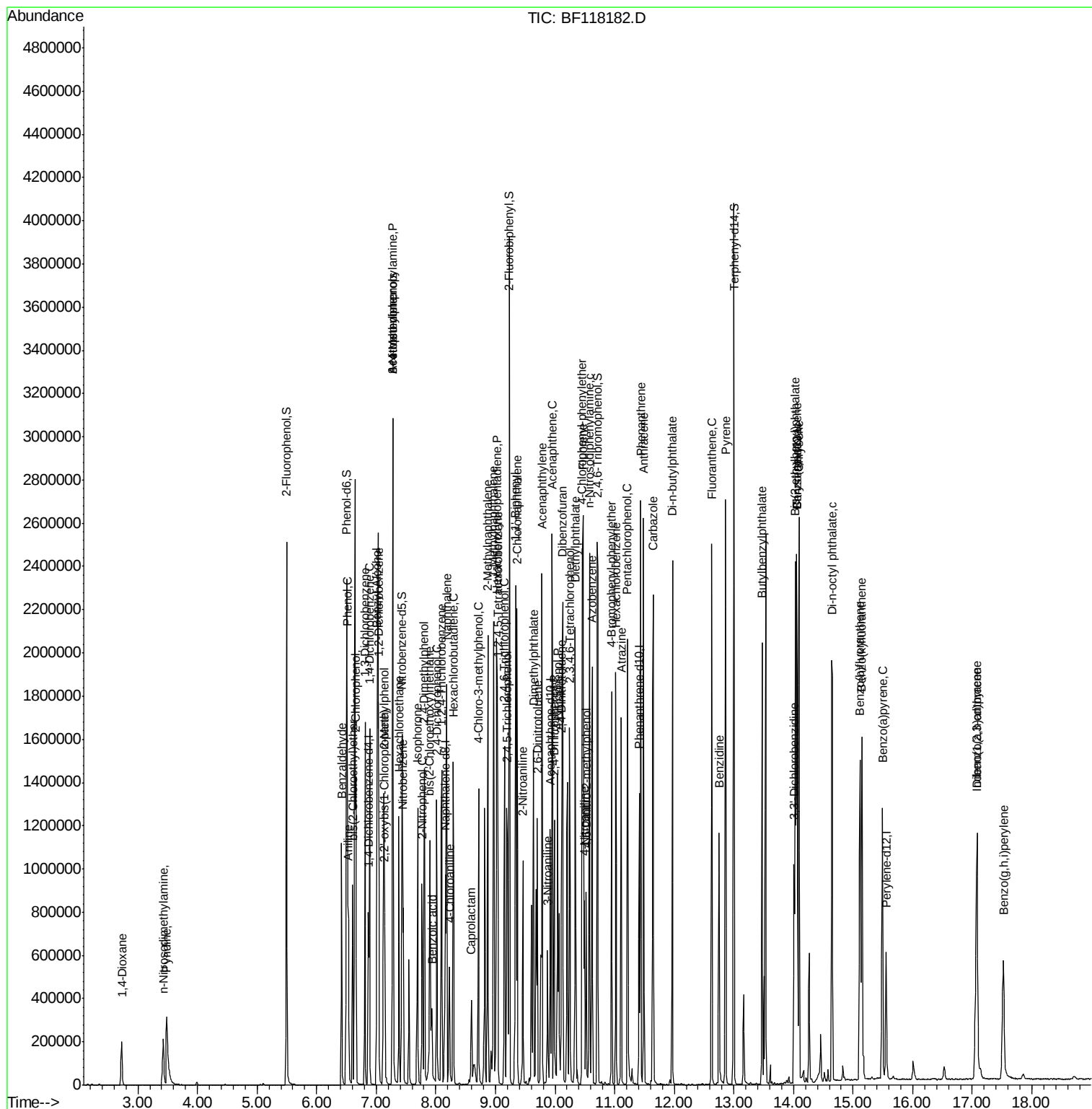
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
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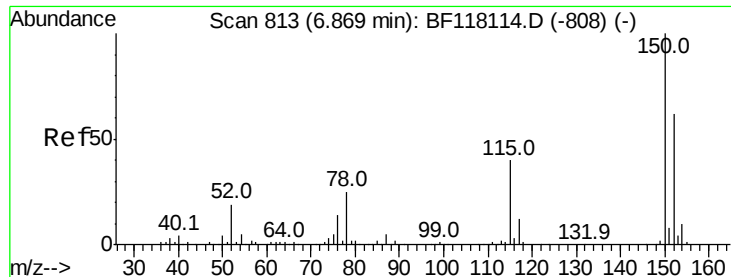
Instrument :
 BNA_F
 ClientSampleId :
 PB125420BS

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#1

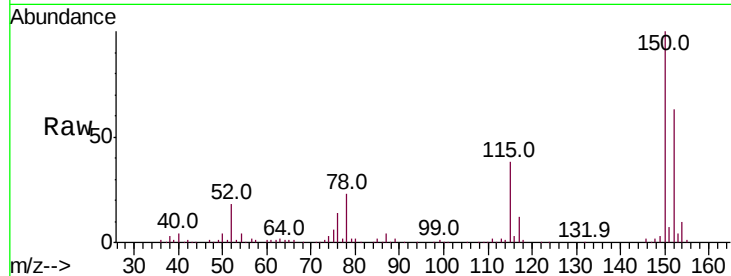
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	128.3	192.5
115	60.8	51.1	76.7

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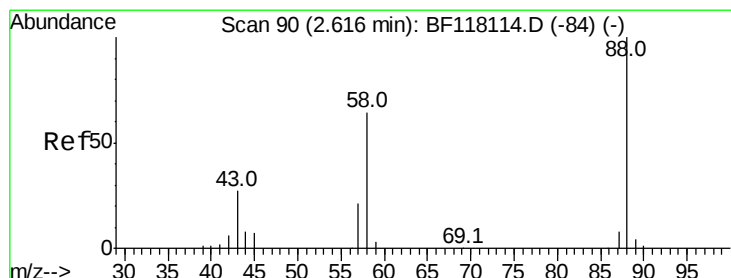
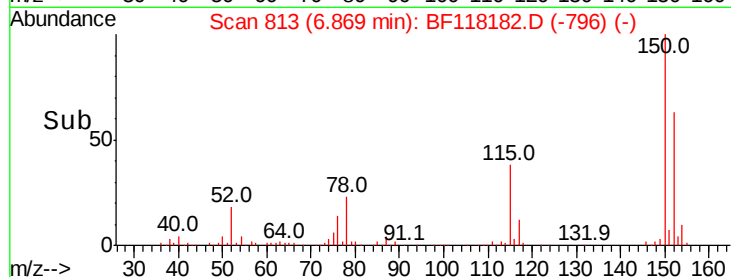
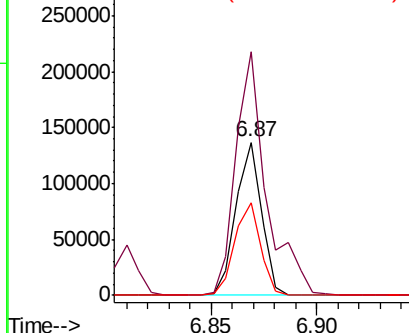


Abundance

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: 39.682 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.11 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

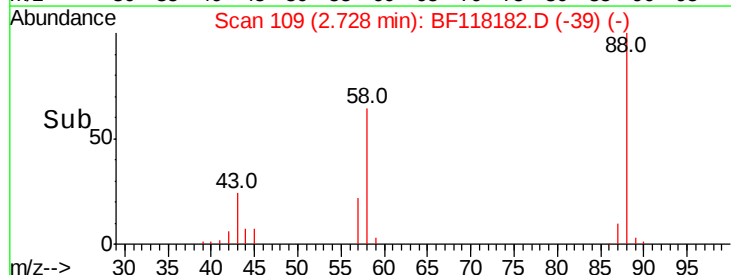
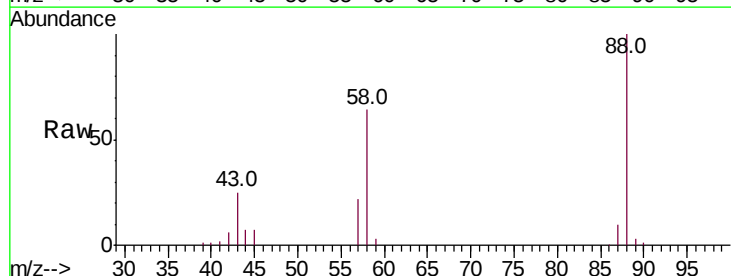
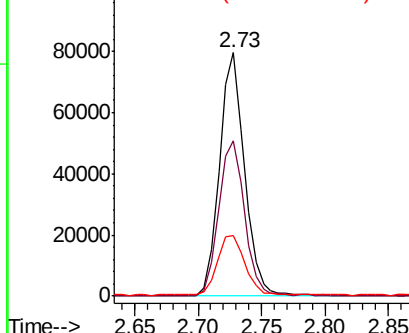
Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	52.2	78.4
43	26.5	21.4	32.2

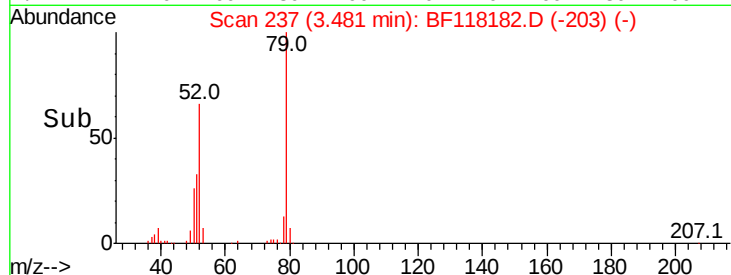
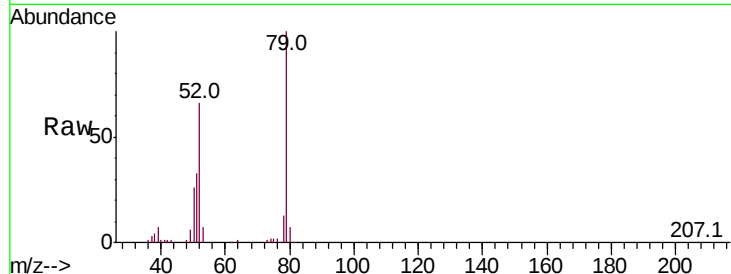
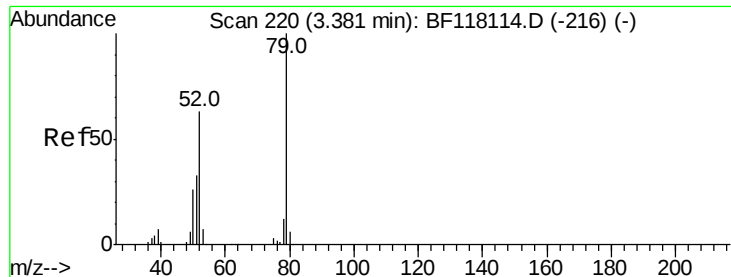
Abundance

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





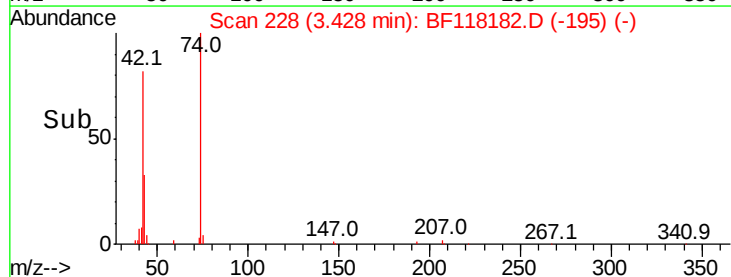
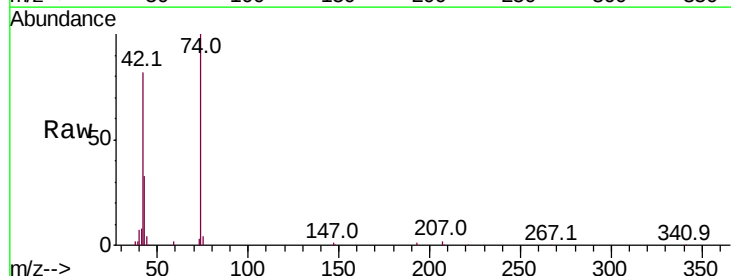
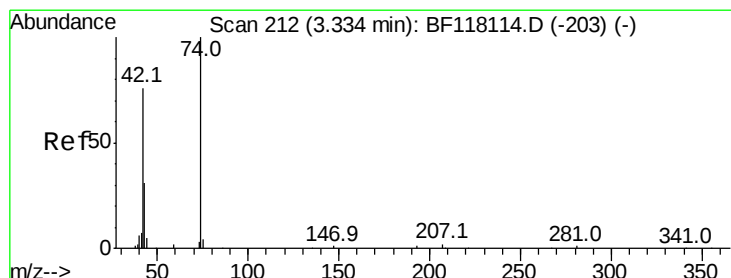
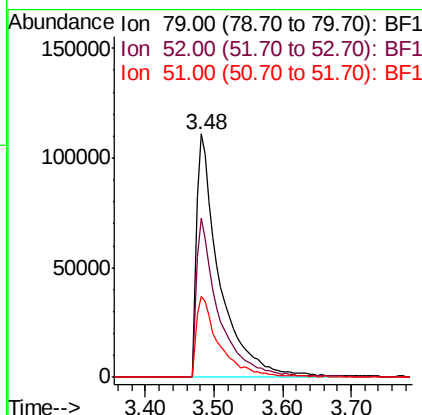
#3
Pvridine
Concen: 36.596 ng
RT: 3.48 min Scan# 237
Delta R.T. 0.10 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.5	50.7	76.1
51	33.3	26.4	39.6

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BNA_F
ClientSampleId :
PB125420BS

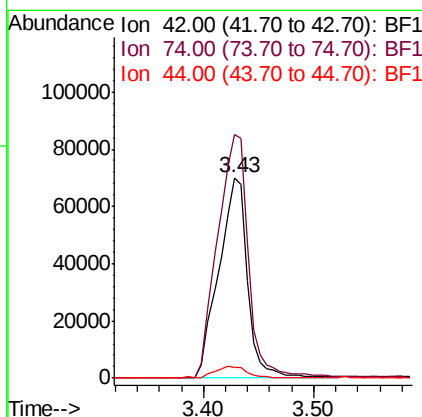
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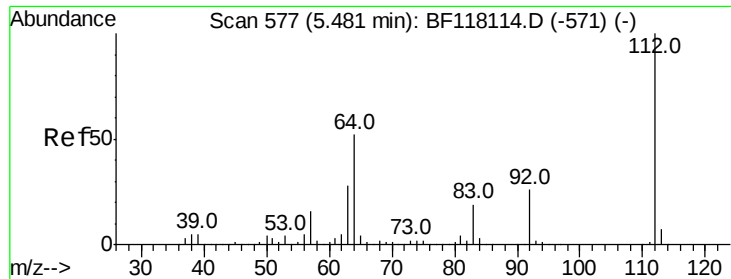
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#4
n-Nitrosodimethylamine
Concen: 41.730 ng
RT: 3.43 min Scan# 228
Delta R.T. 0.09 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	121.3	104.6	157.0
44	5.5	5.1	7.7





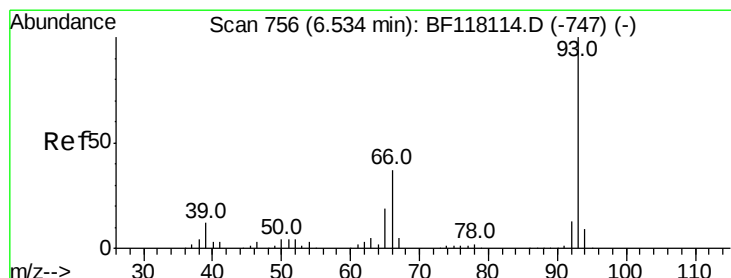
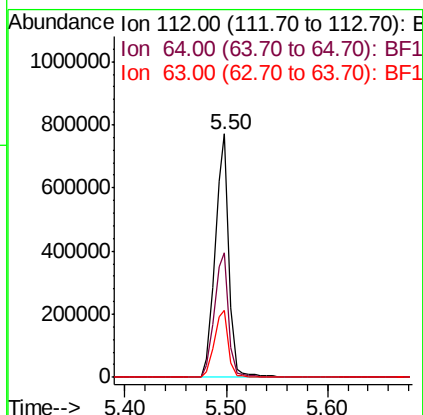
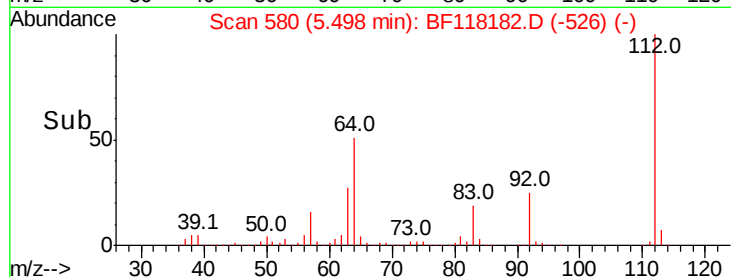
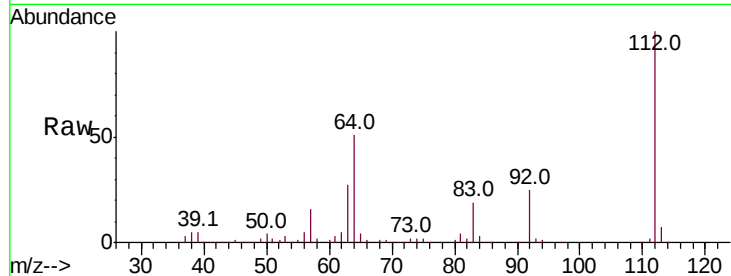
#5
2-Fluorophenol
Concen: 111.322 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	51.1	41.3	61.9
63	27.4	22.4	33.6

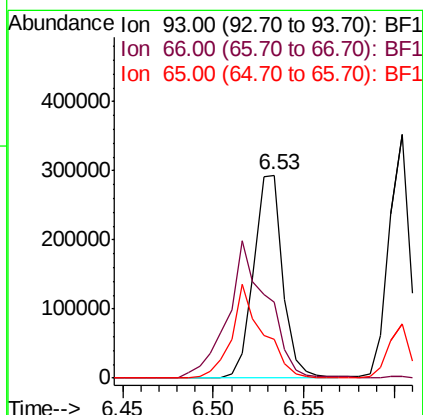
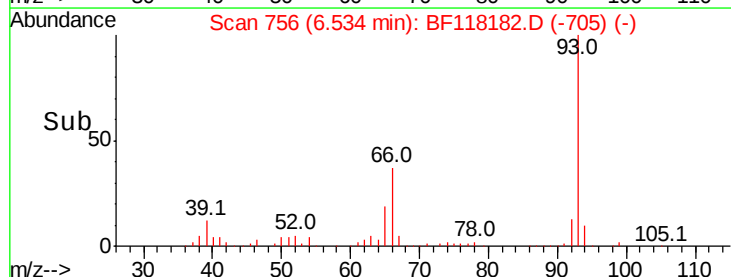
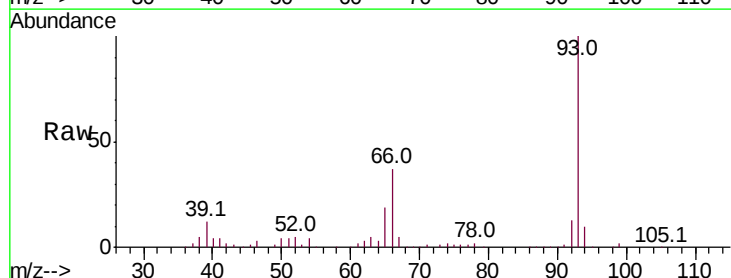
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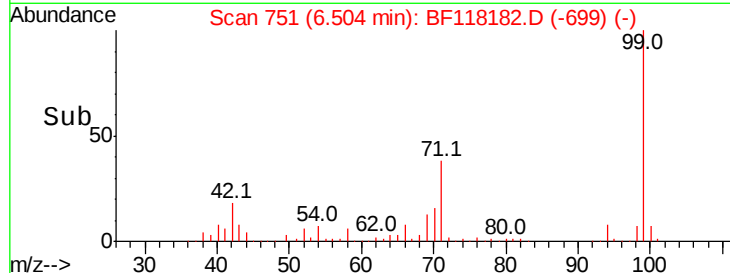
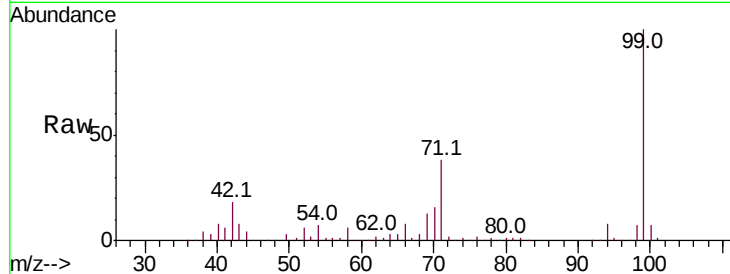
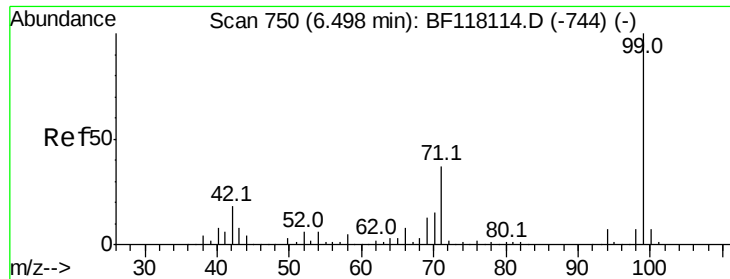
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#6
Aniline
Concen: 32.688 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	37.2	30.2	45.2
65	19.2	15.5	23.3





#7

Phenol-d6

Concen: 111.670 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		879945		
42	18.2	14.1	21.1		
71	37.5	29.7	44.5		

Instrument :

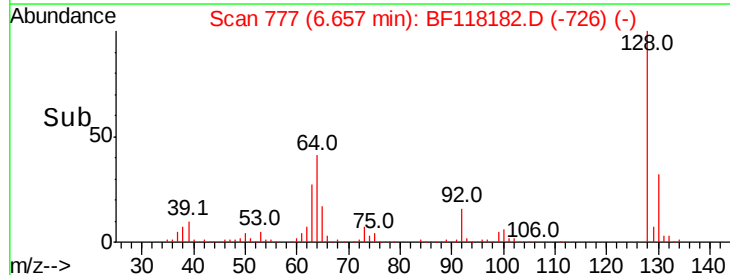
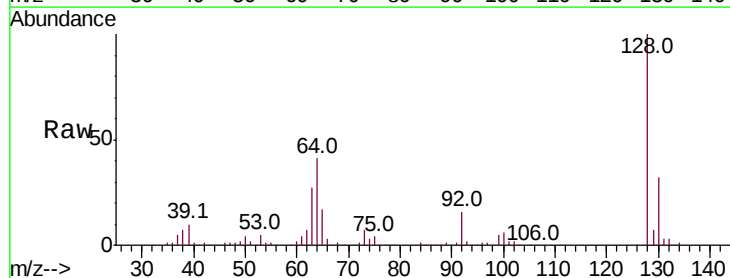
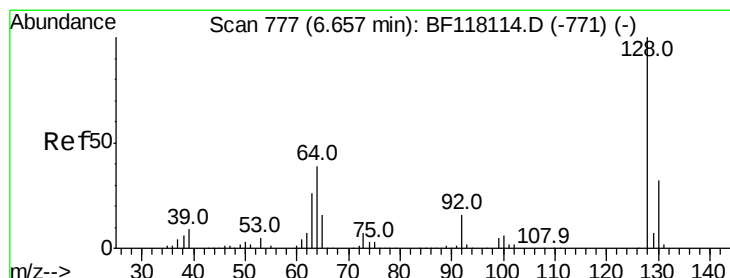
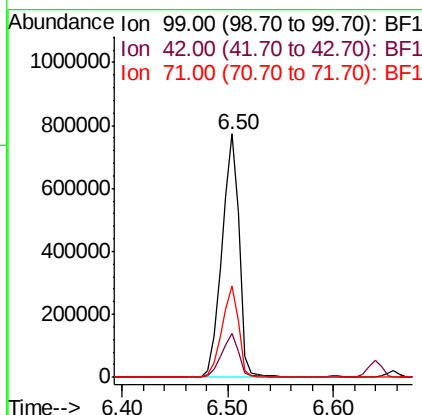
BNA_F

ClientSampleId :

PB125420BS

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#8

2-Chlorophenol

Concen: 44.167 ng

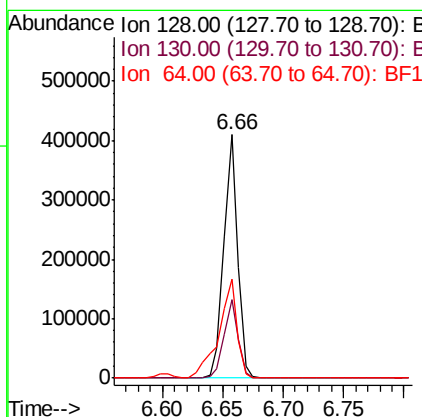
RT: 6.66 min Scan# 777

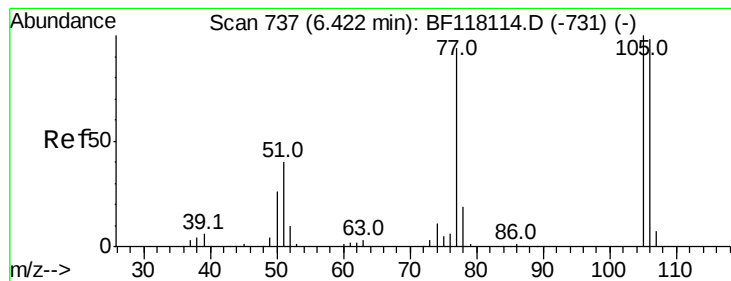
Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		324449		
130	32.5	12.1	52.1		
64	40.9	19.3	59.3		





#9

Benzaldehyde

Concen: 61.778 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

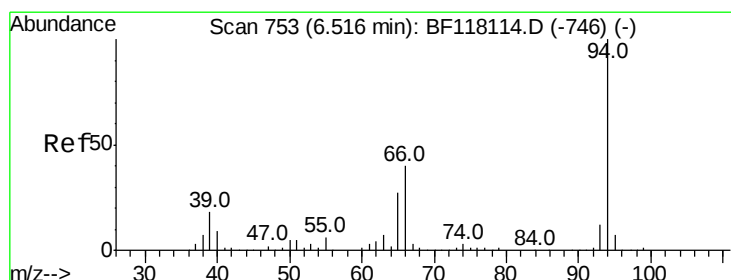
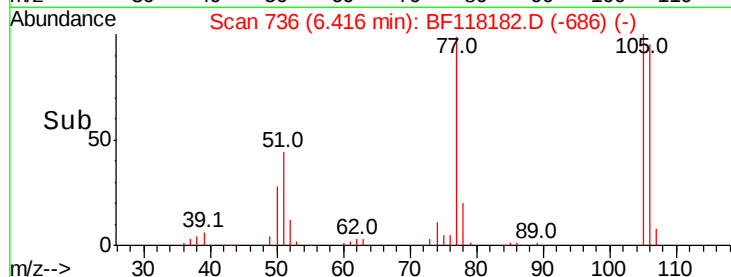
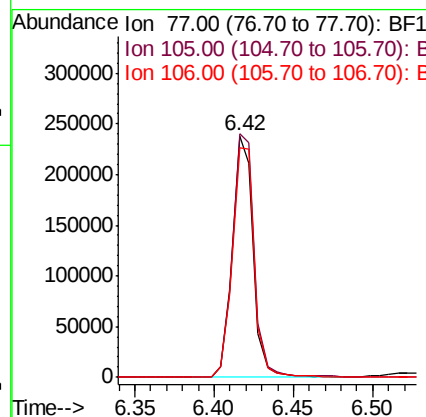
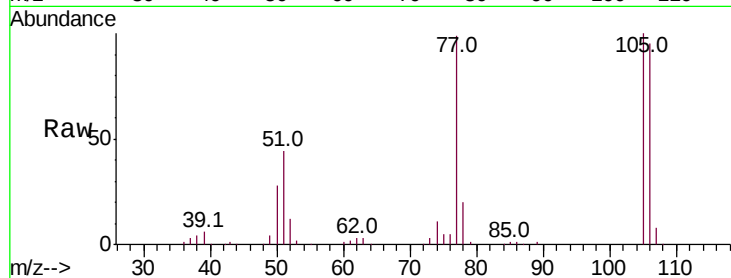
ClientSampleId :

PB125420BS

Tot Ion:	77	Resp:	216434
Ion Ratio	Lower	Upper	
77	100		
105	101.0	86.4	126.4
106	95.5	83.8	123.8

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#10

Phenol

Concen: 42.082 ng

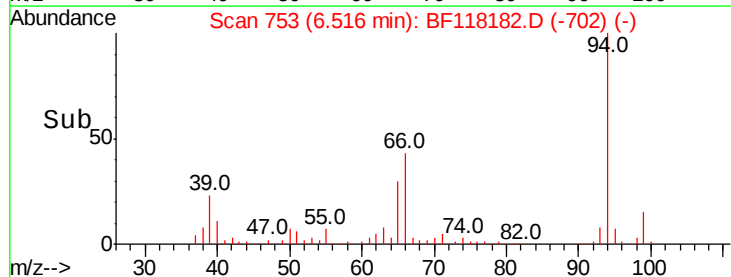
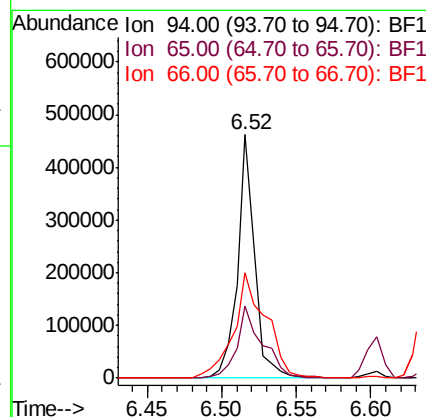
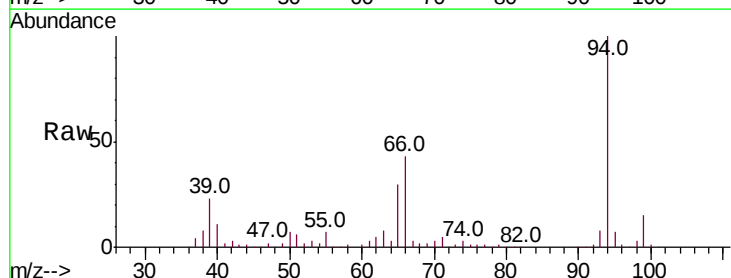
RT: 6.52 min Scan# 753

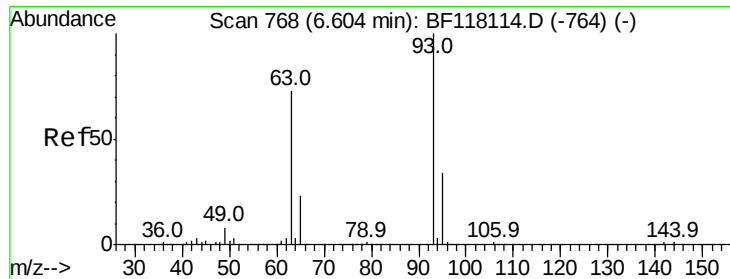
Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Tgt Ion:	94	Resp:	378170
Ion Ratio	Lower	Upper	
94	100		
65	29.5	7.3	47.3
66	43.2	20.2	60.2





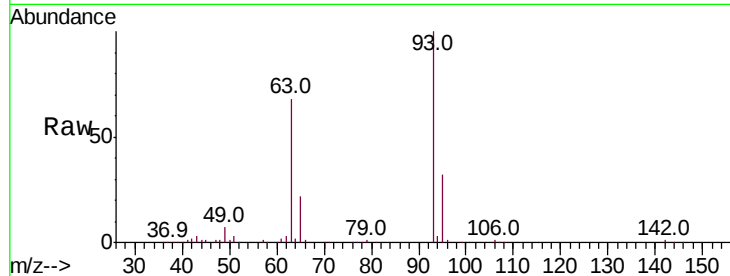
#11
bis(2-Chloroethyl)ether
Concen: 43.230 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

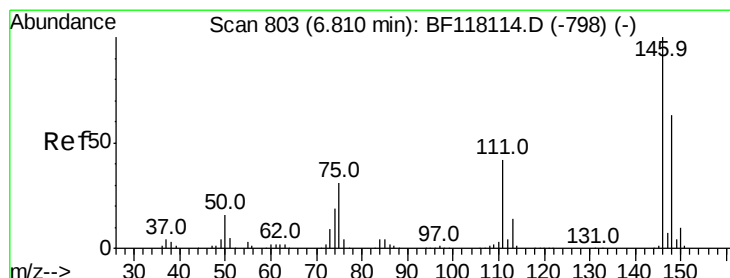
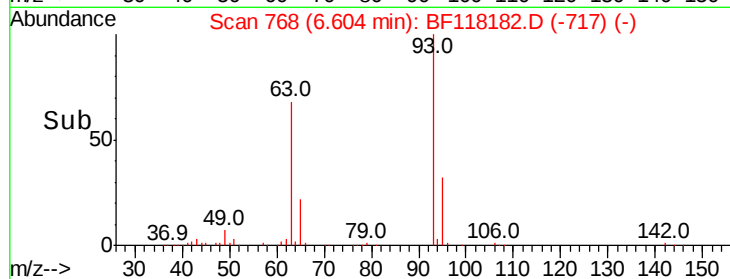
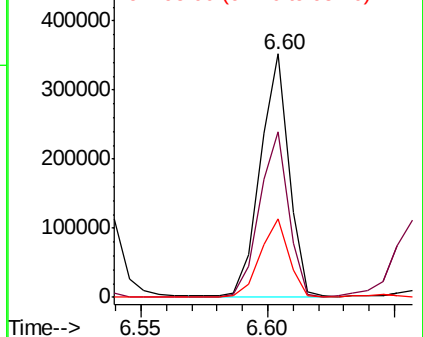
Tot Ion	Ratio	Resp	Lower	Upper
93	100	280969		
63	67.8		53.2	93.2
95	32.2		13.8	53.8

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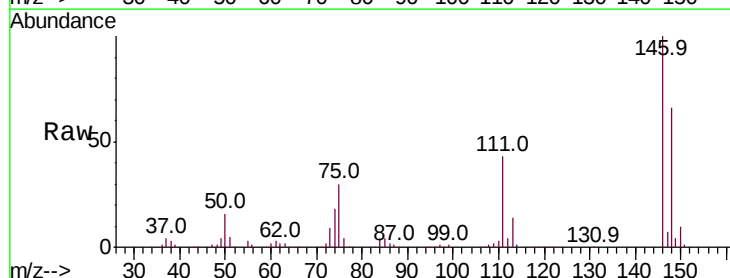


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

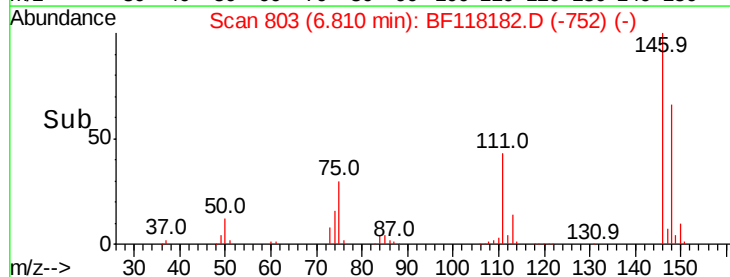
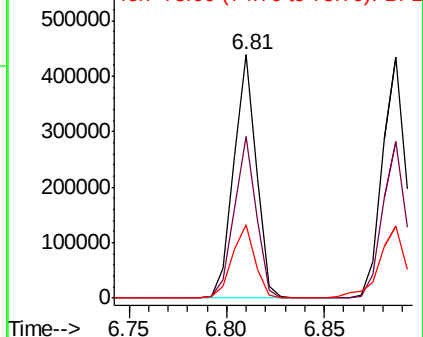


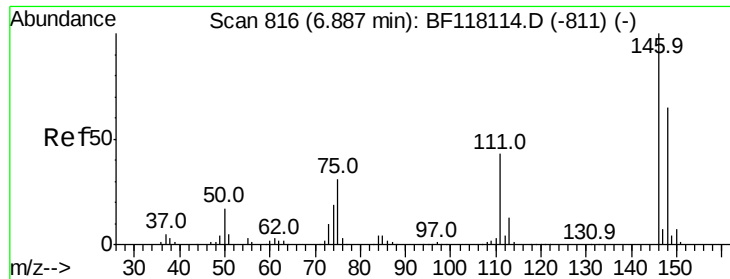
#12
1,3-Dichlorobenzene
Concen: 41.076 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	352491		
148	66.2		50.2	75.4
75	30.3		24.6	37.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





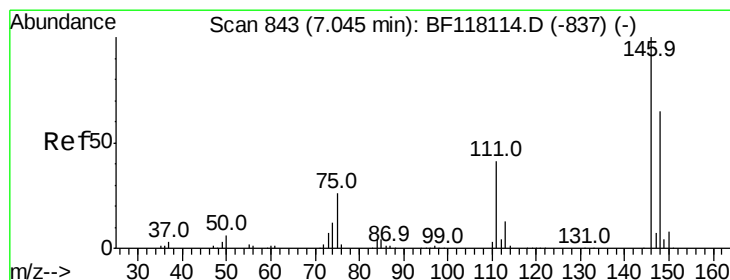
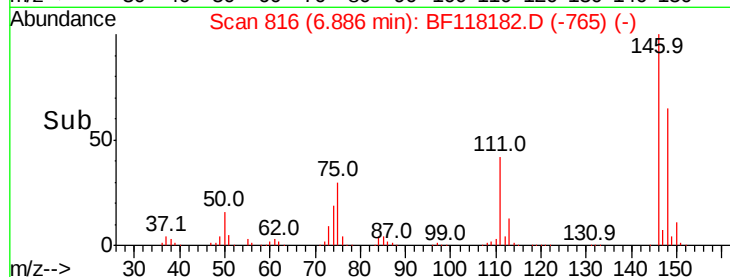
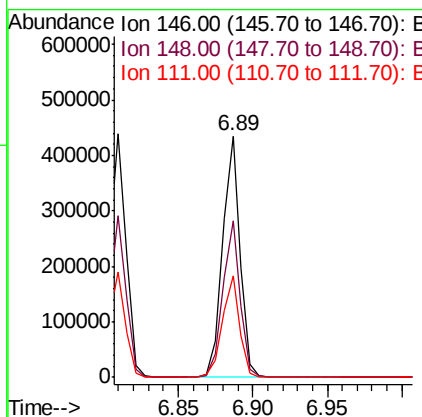
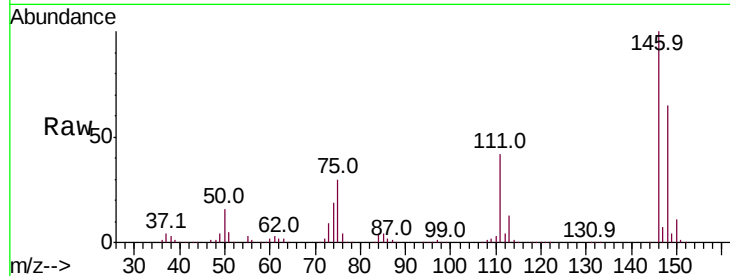
#13
1,4-Dichlorobenzene
Concen: 41.749 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.1	78.1
111	41.8	34.6	52.0

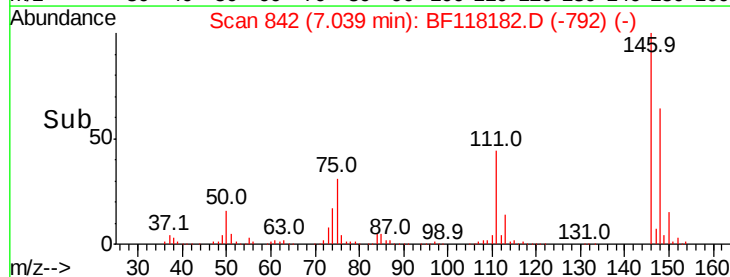
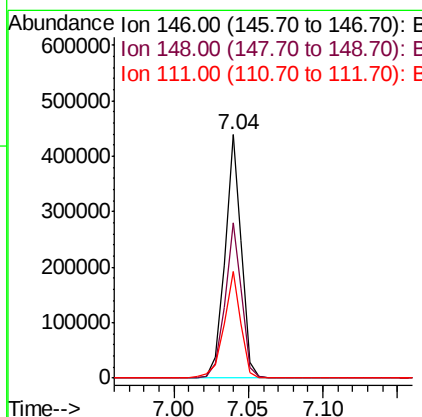
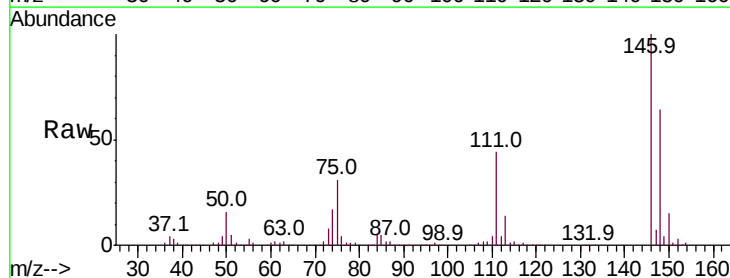
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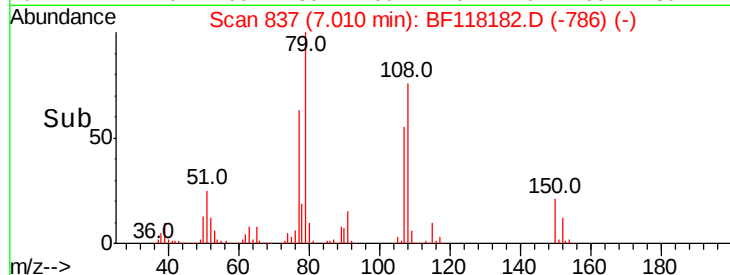
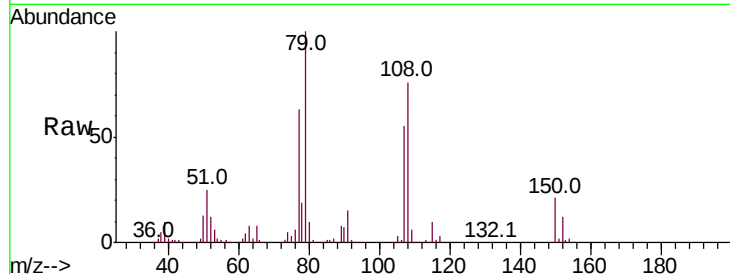
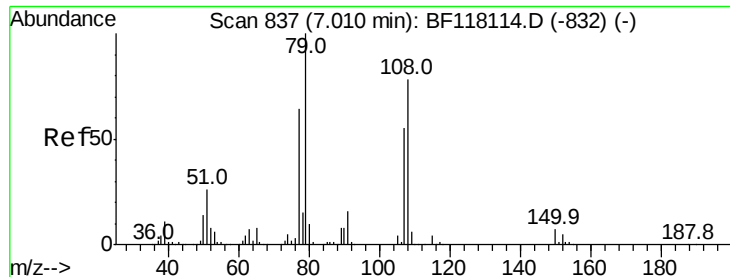
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#14
1,2-Dichlorobenzene
Concen: 42.124 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	43.7	33.1	49.7





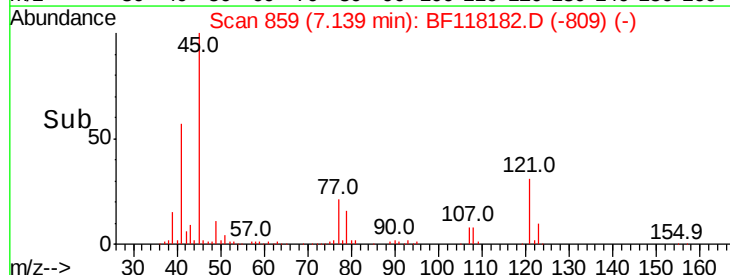
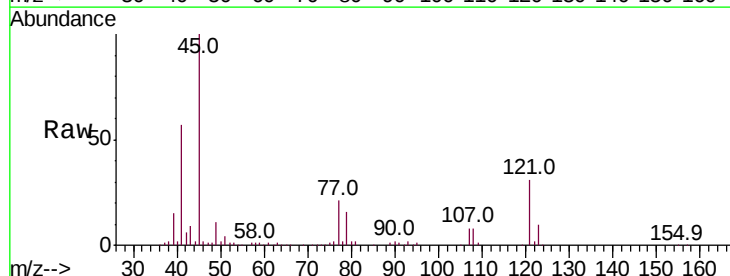
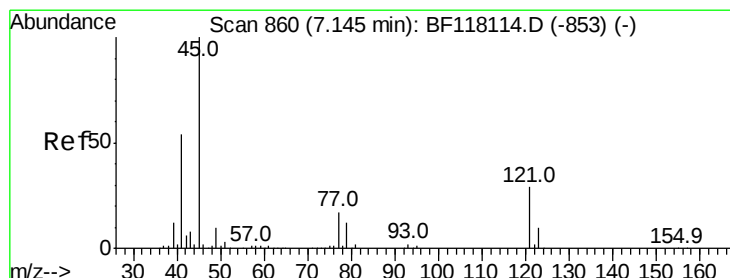
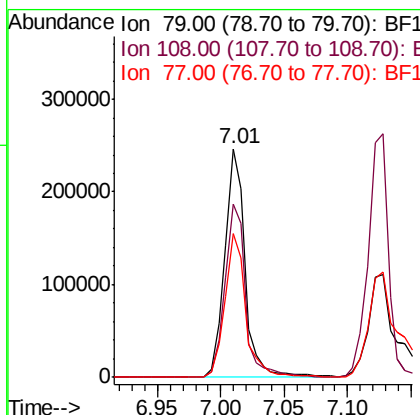
#15
Benzvl Alcohol
Concen: 44.579 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	62.7	94.1
77	63.2	51.4	77.2

Instrument :
BNA_F
ClientSampleId :
PB125420BS

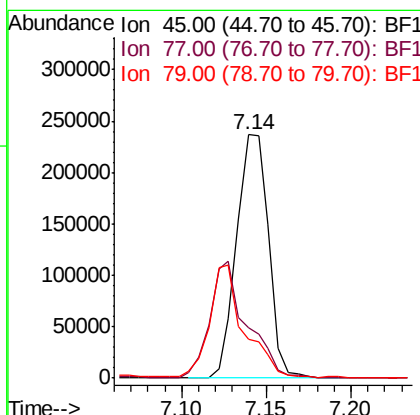
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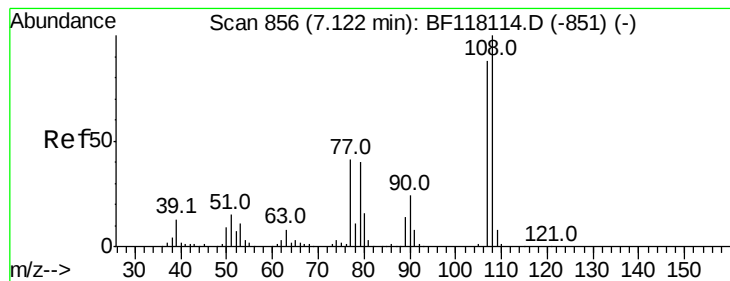
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.092 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.7	0.0	38.0
79	16.2	0.0	33.2





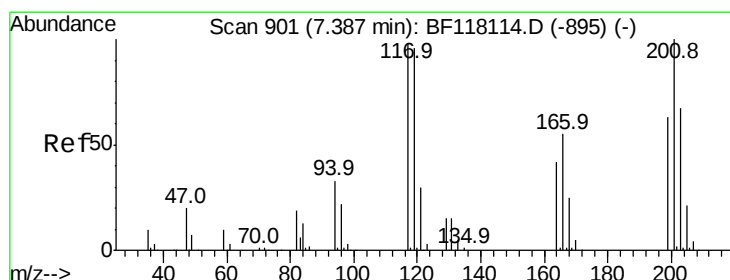
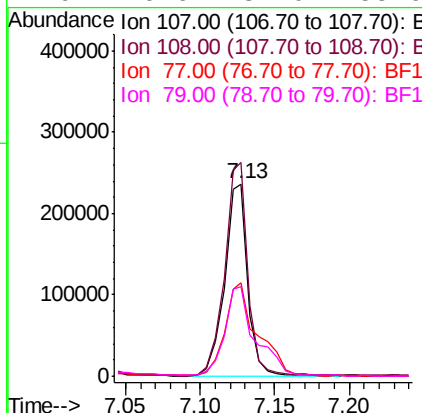
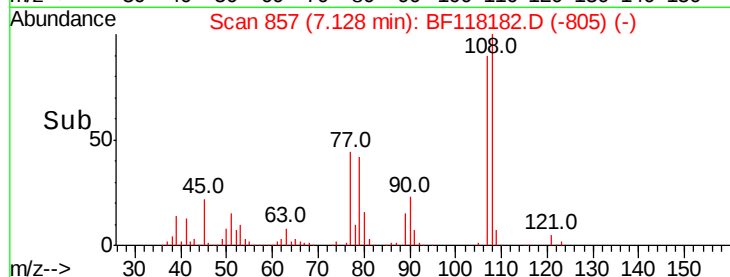
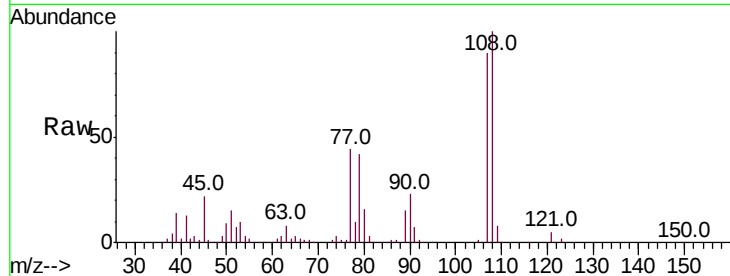
#17
2-Methylphenol
Concen: 44.307 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	91.1	136.7	
77	48.3	37.8	56.6	
79	46.6	37.0	55.6	

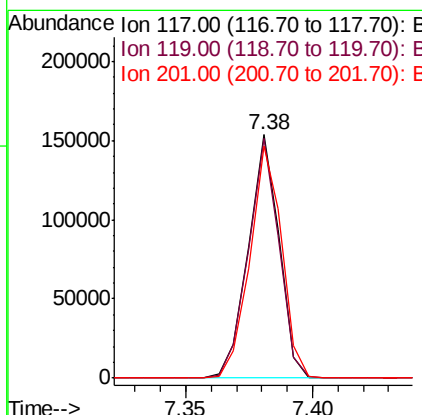
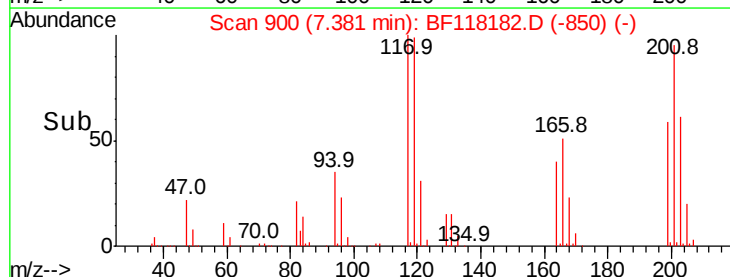
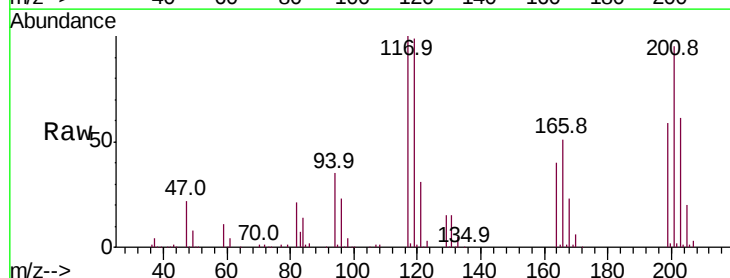
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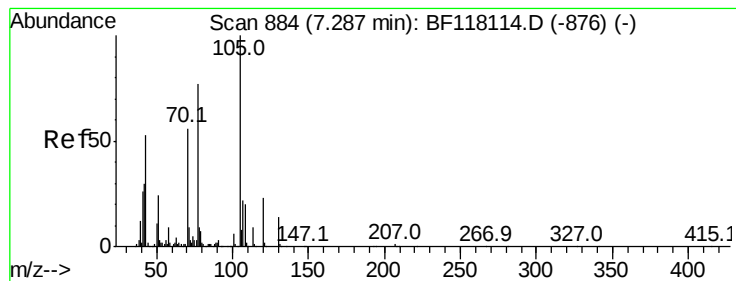
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#18
Hexachloroethane
Concen: 40.858 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	78.2	117.4	
201	95.3	81.6	122.4	





#19

n-Nitroso-di-n-propylamine

Concen: 43.097 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

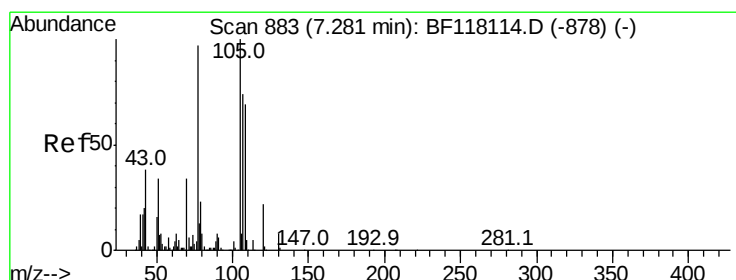
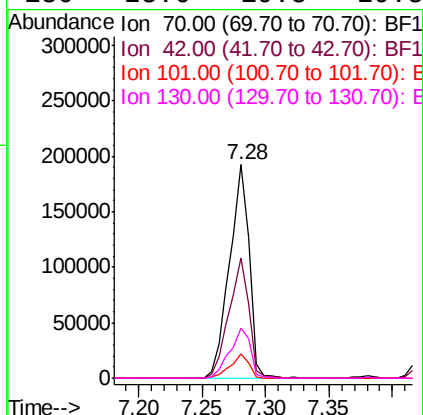
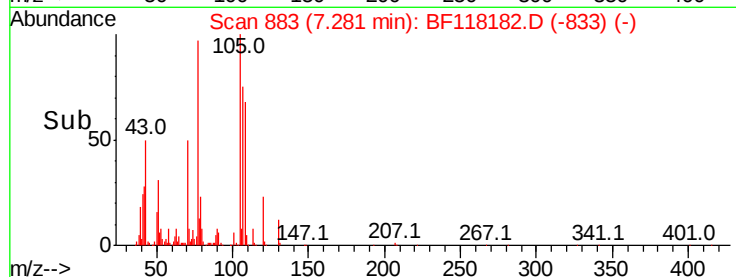
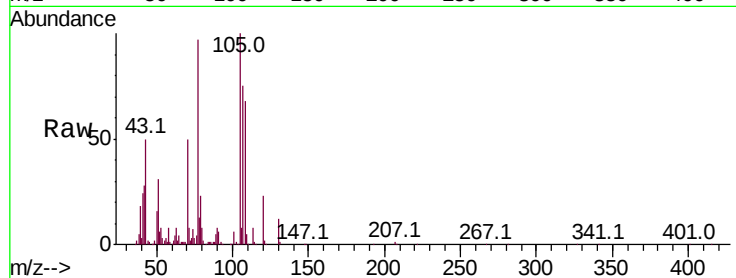
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		206357		
42	56.3	43.2	64.8		
101	11.2	8.1	12.1		
130	23.6	19.8	29.8		

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#20

3+4-Methylphenols

Concen: 44.664 ng

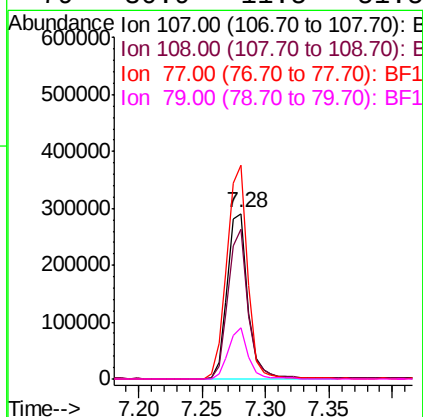
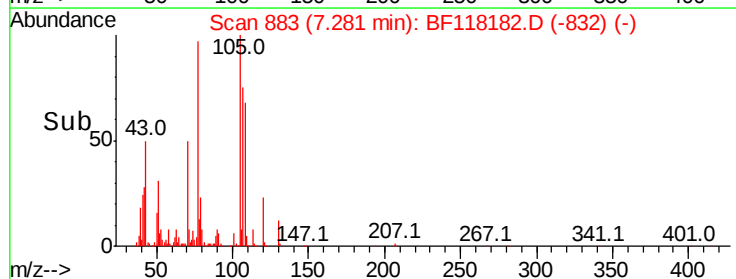
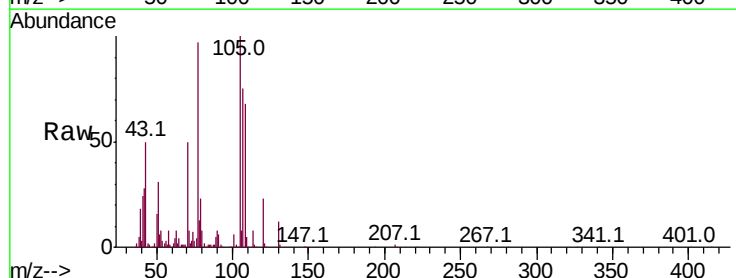
RT: 7.28 min Scan# 883

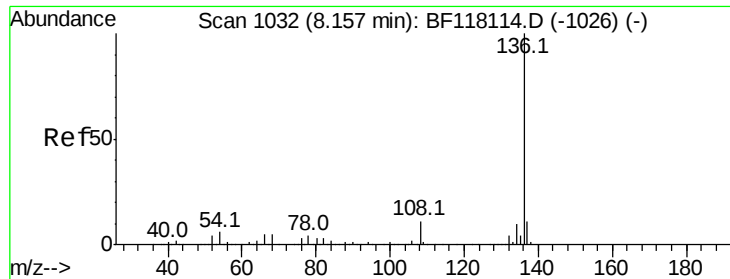
Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		327783		
108	90.8	73.2	113.2		
77	129.2	110.9	150.9		
79	30.9	11.5	51.5		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

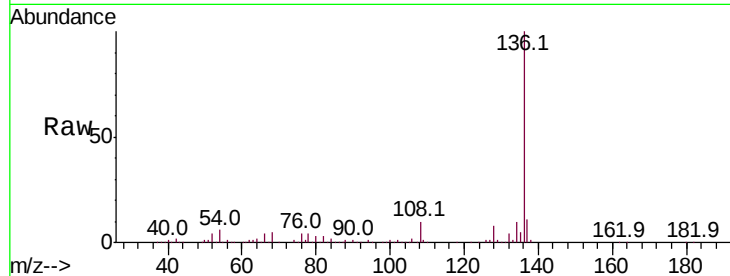
ClientSampleId :

PB125420BS

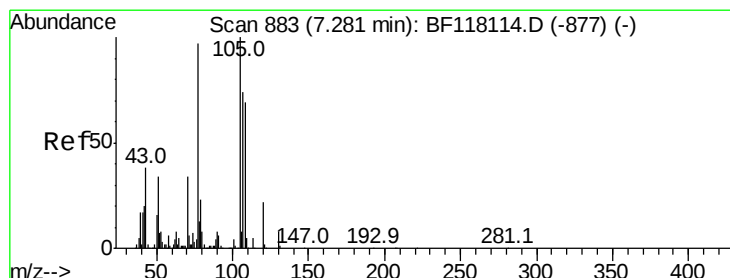
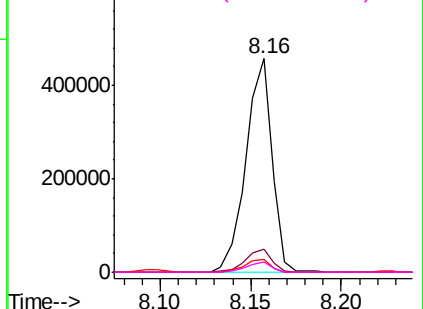
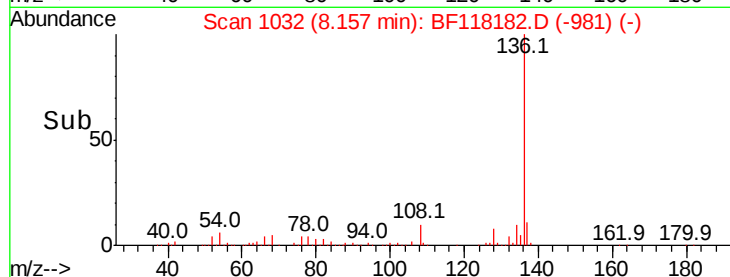
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		456836		
137	11.0	9.0	13.6		
54	6.2	5.0	7.6		
68	4.6	3.8	5.8		

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



#22

Acetophenone

Concen: 39.760 ng

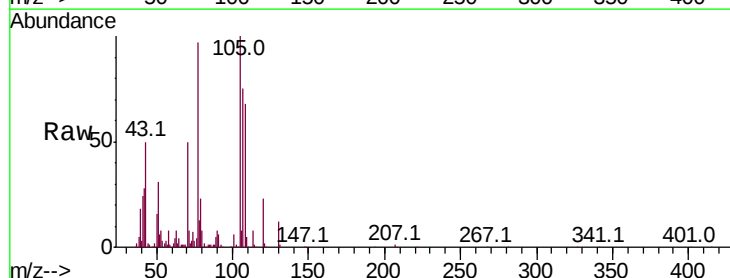
RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

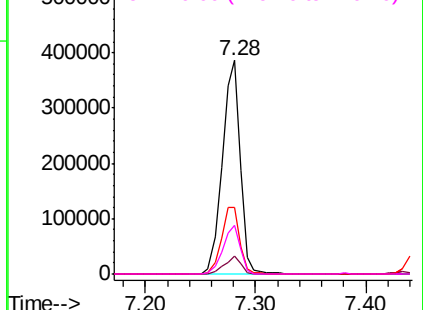
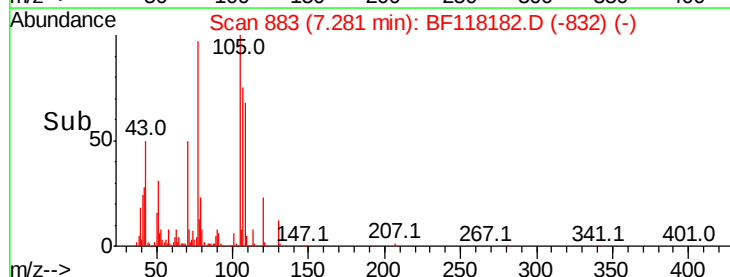
Lab File: BF118182.D

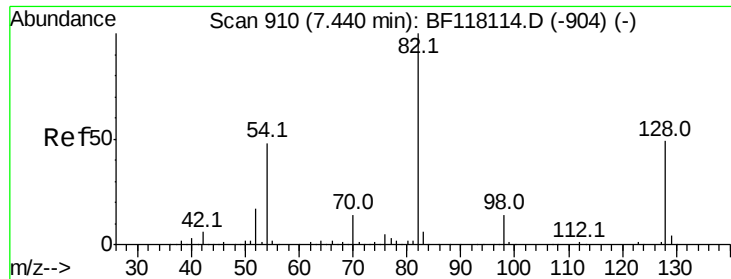
Acq: 13 Dec 2019 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		436376		
71	8.1	4.7	7.1#		
51	31.4	27.1	40.7		
120	22.5	17.8	26.6		



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





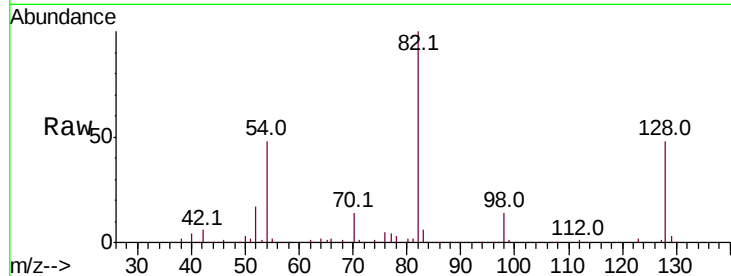
#23
Nitrobenzene-d5
Concen: 72.857 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

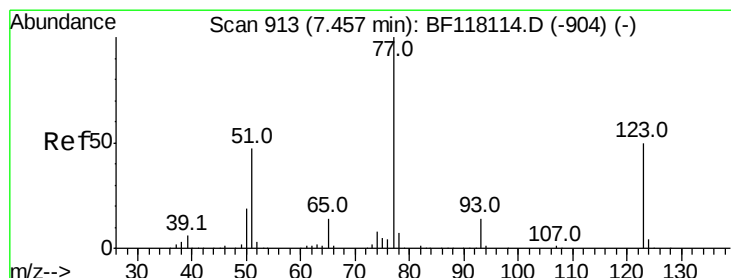
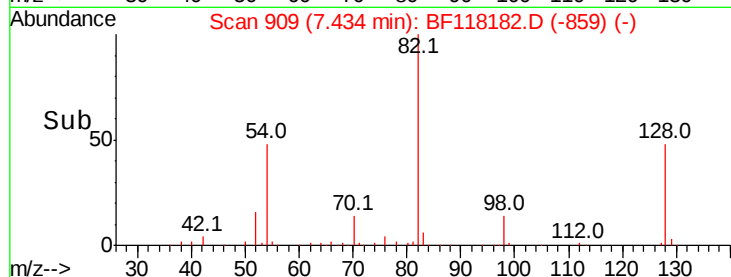
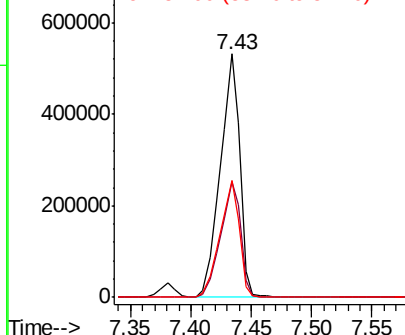
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.6	39.1	58.7	
54	47.8	38.2	57.2	

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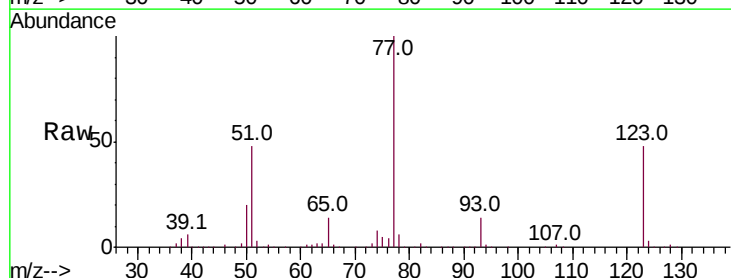


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

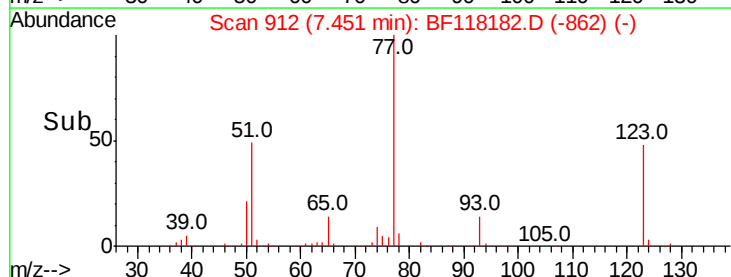
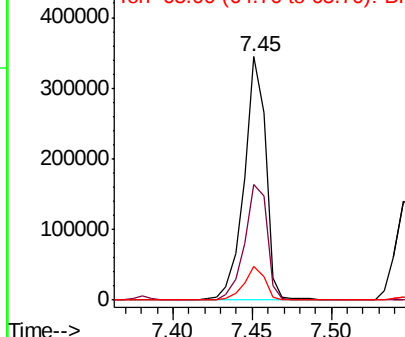


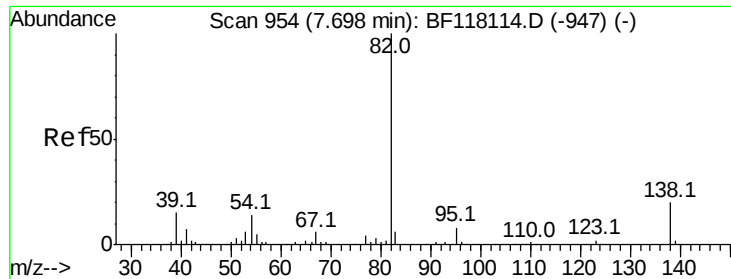
#24
Nitrobenzene
Concen: 40.191 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.7	40.1	60.1	
65	14.0	10.9	16.3	



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





#25

Isophorone

Concen: 41.580 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

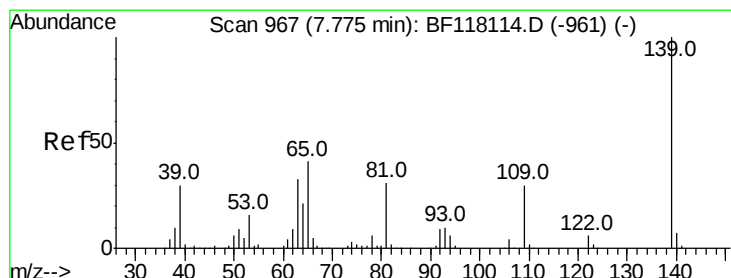
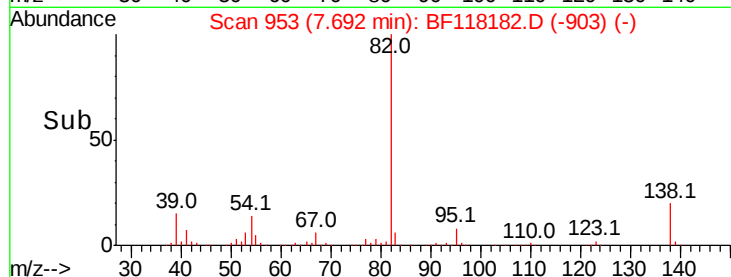
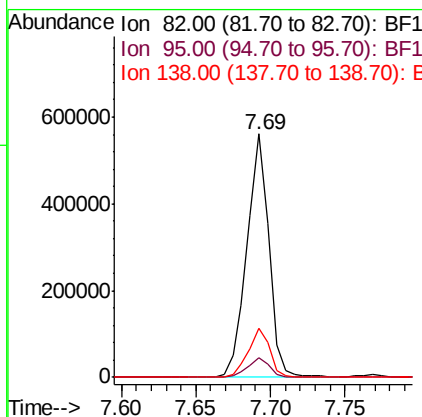
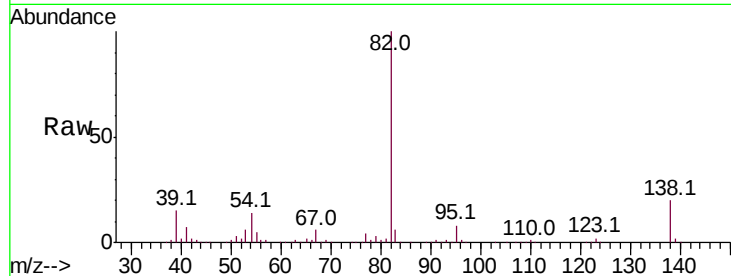
ClientSampleId :

PB125420BS

Tot Ion:	82	Resp:	572378
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.3	9.5
138	19.9	16.3	24.5

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#26

2-Nitrophenol

Concen: 42.720 ng

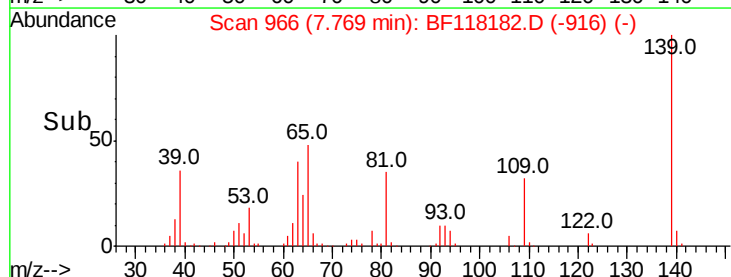
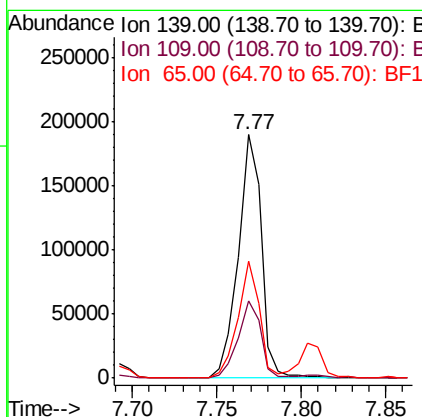
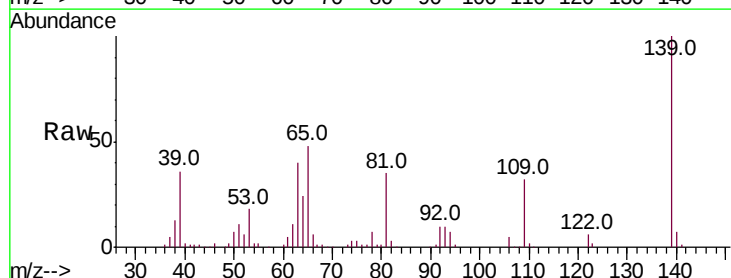
RT: 7.77 min Scan# 966

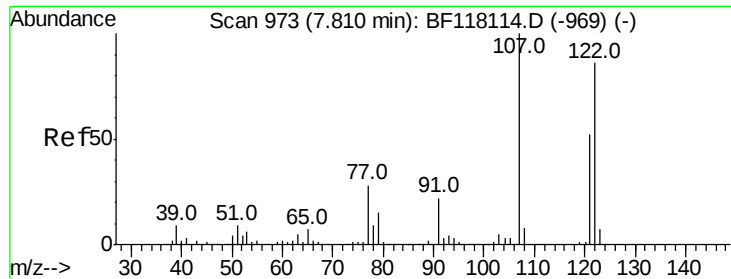
Delta R.T. -0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Tgt Ion:	139	Resp:	182168
Ion Ratio	Lower	Upper	
139	100		
109	31.8	23.9	35.9
65	48.1	33.0	49.6





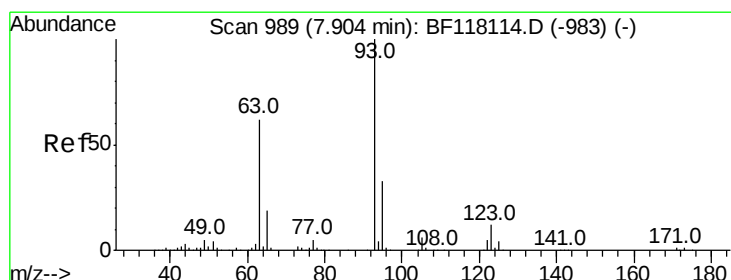
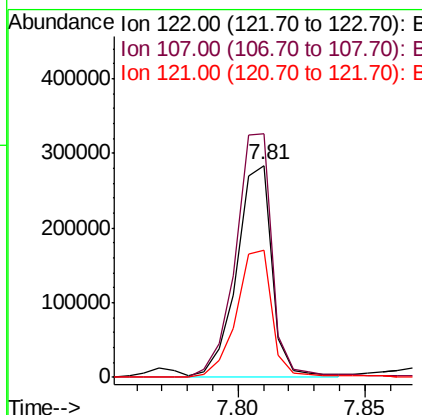
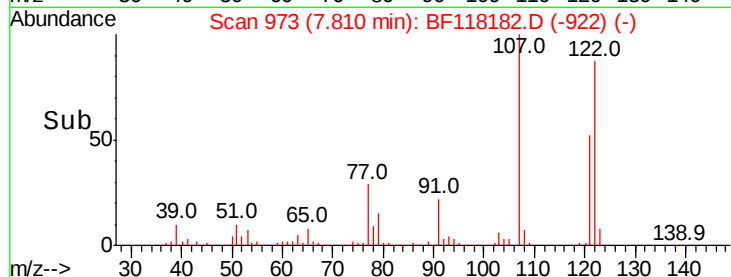
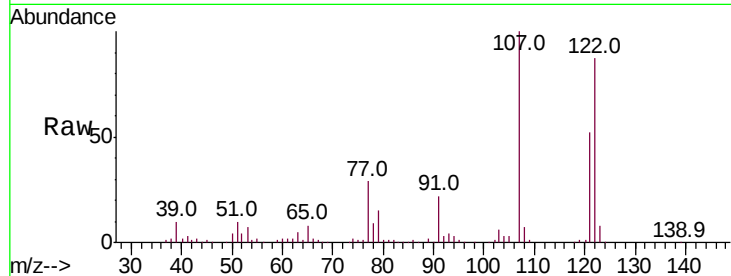
#27
2,4-Dimethylphenol
Concen: 48.470 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	275697		
107	114.9	92.9	139.3	
121	59.9	48.3	72.5	

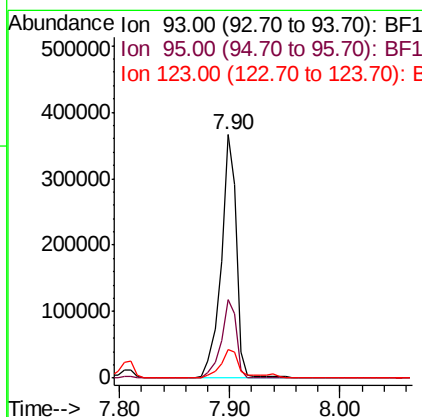
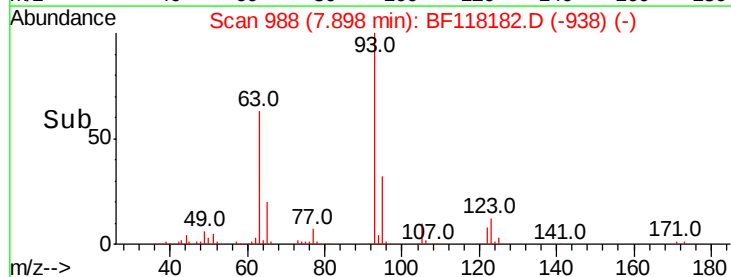
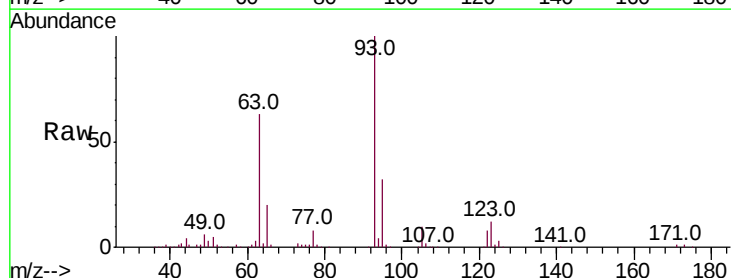
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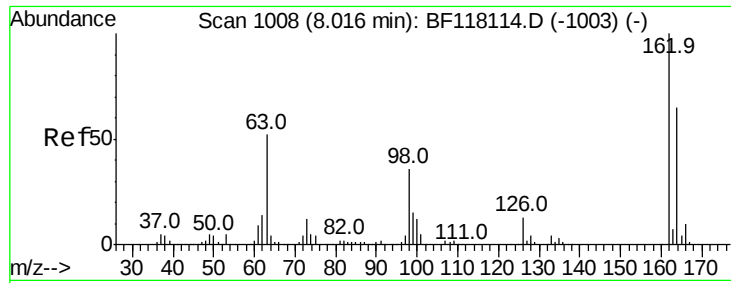
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#28
bis(2-Chloroethoxy)methane
Concen: 39.326 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	353741		
95	32.4	26.7	40.1	
123	11.9	10.0	15.0	





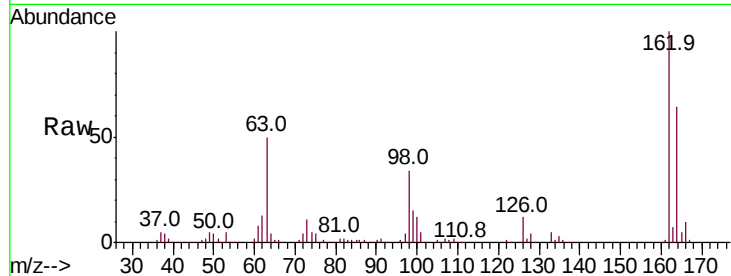
#29
2,4-Dichlorophenol
Concen: 41.537 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

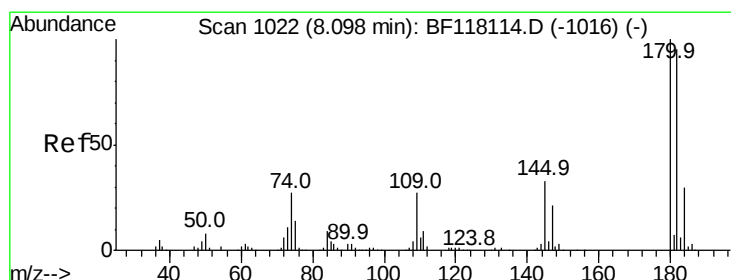
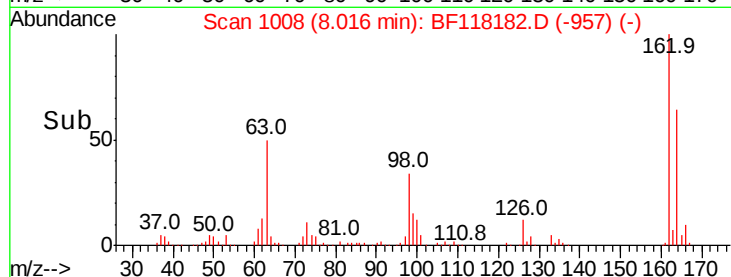
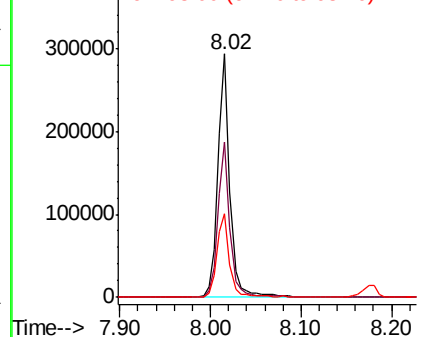
Tot Ion	Ratio	Resp	Lower	Upper
162	100	275429		
164	63.7	45.2	85.2	
98	34.4	15.9	55.9	

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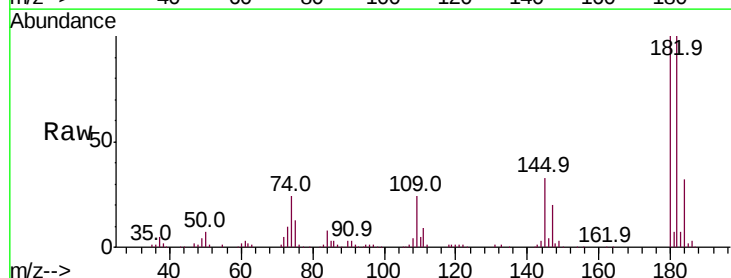


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

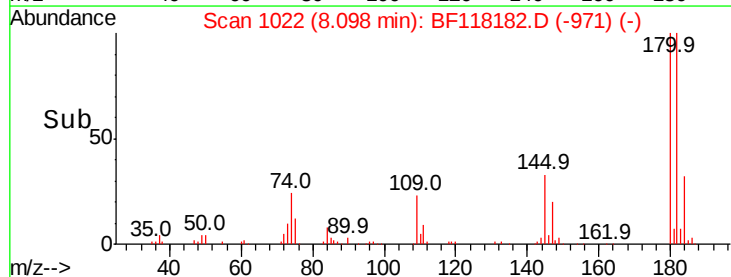
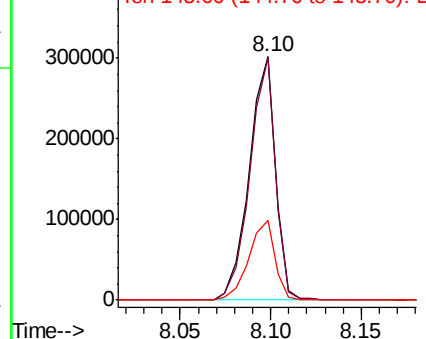


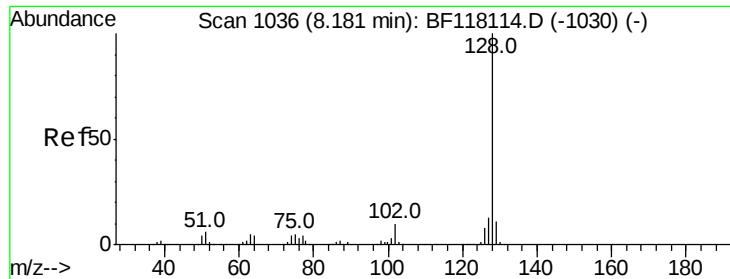
#30
1,2,4-Trichlorobenzene
Concen: 39.129 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	303226		
182	99.7	76.1	114.1	
145	32.6	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





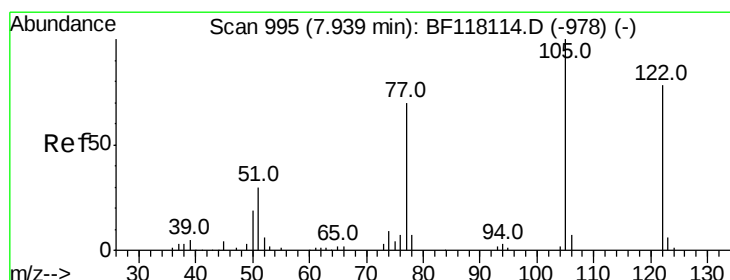
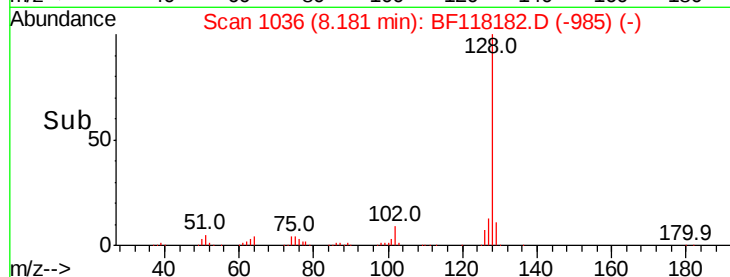
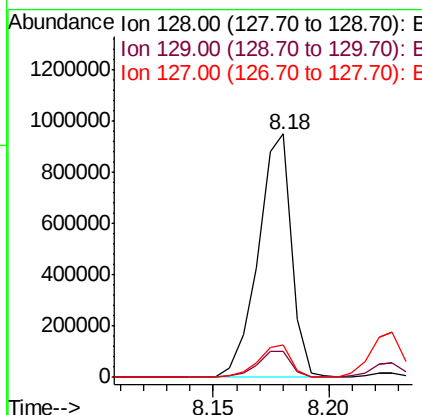
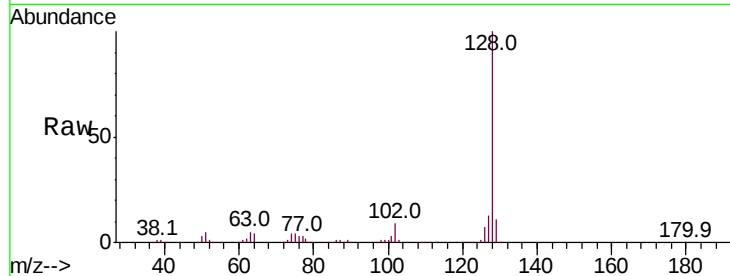
#31
Naphthalene
Concen: 41.834 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	9.1	13.7	
127	13.5	10.6	16.0	

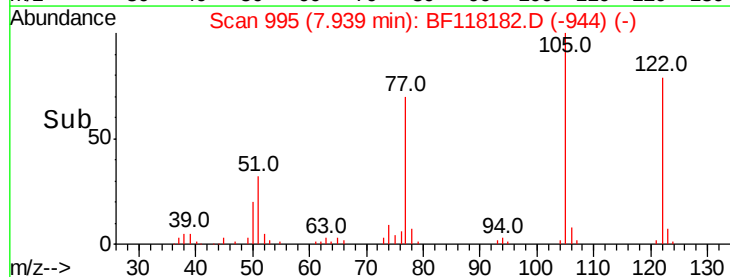
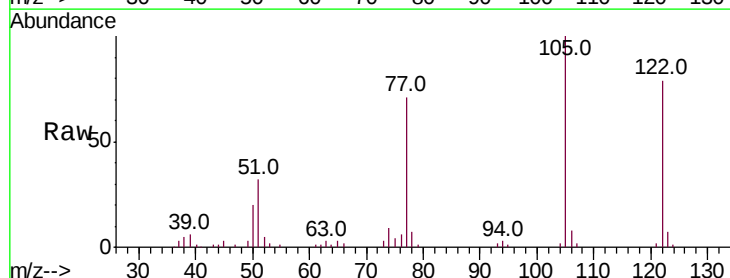
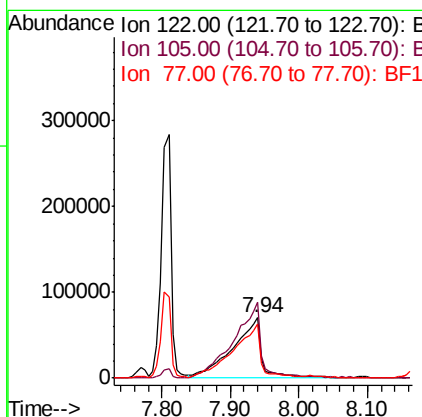
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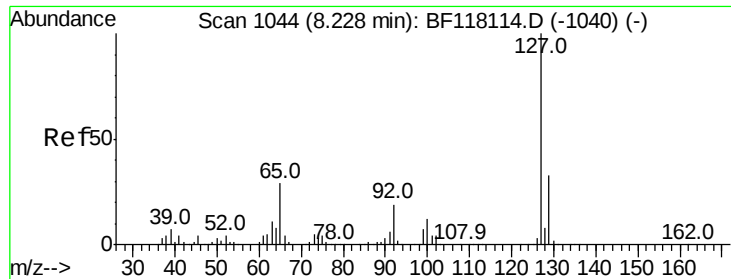
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#32
Benzoic acid
Concen: 39.520 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.3	104.7	144.7	
77	90.6	69.1	109.1	





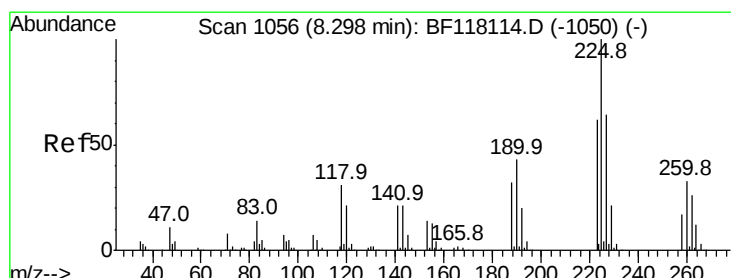
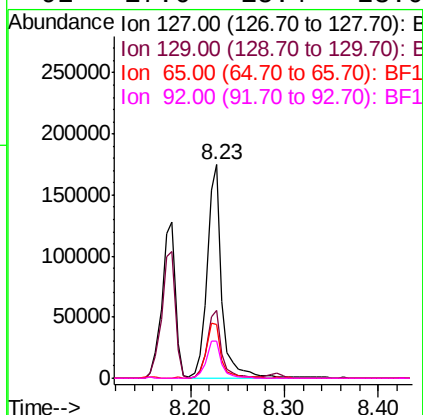
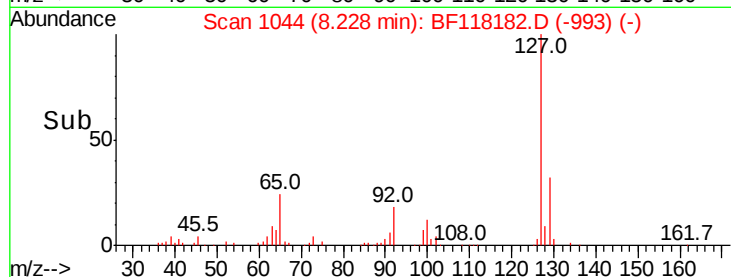
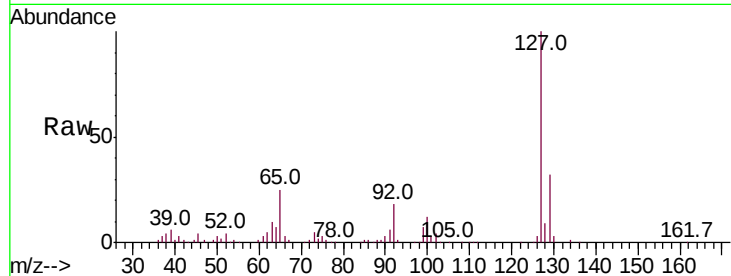
#33
4-Chloroaniline
Concen: 19.175 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	26.6	40.0	
65	25.0	23.2	34.8	
92	17.6	15.4	23.0	

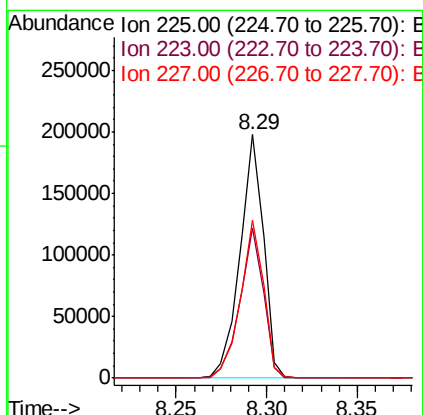
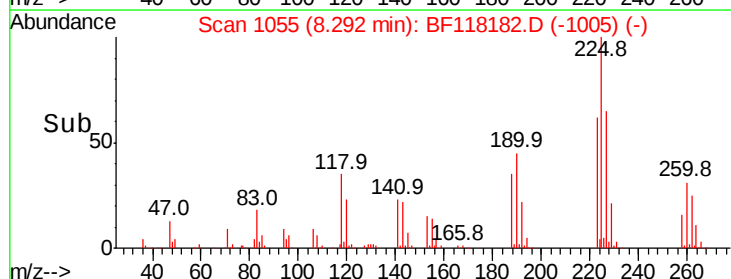
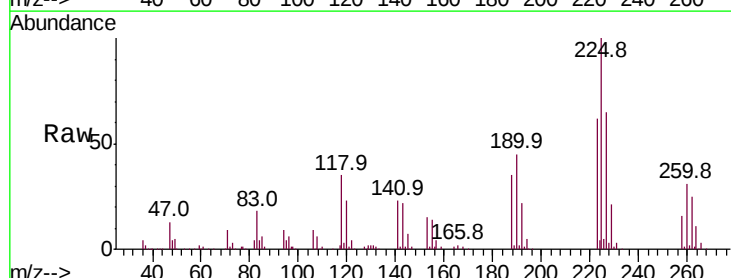
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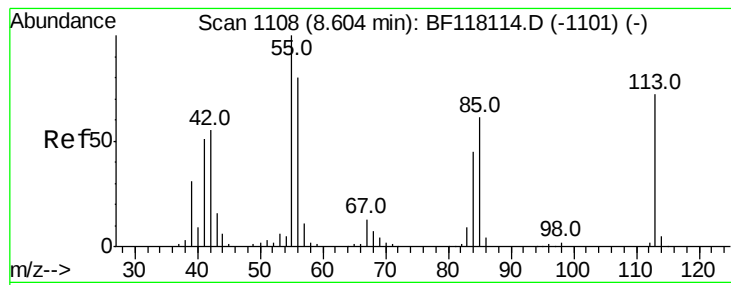
mohammad
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#34
Hexachlorobutadiene
Concen: 38.212 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	49.6	74.4	
227	64.8	51.0	76.6	





#35

Caprolactam

Concen: 42.565 ng/ml

RT: 8.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampleId :

PB125420BS

Tot Ion:113 Resp: 87042

Ion Ratio Lower Upper

113 100

55 126.0 118.9 158.9

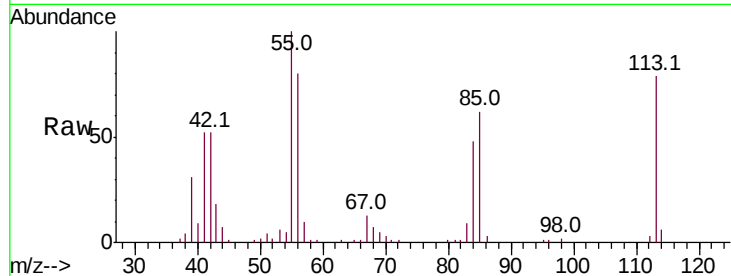
56 100.6 91.4 131.4

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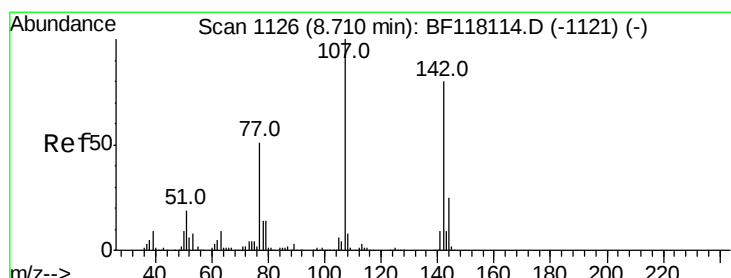
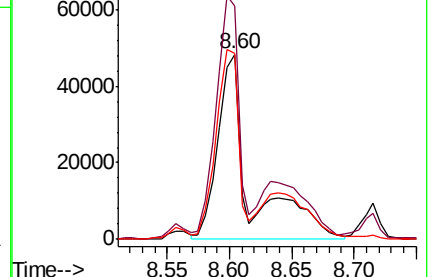
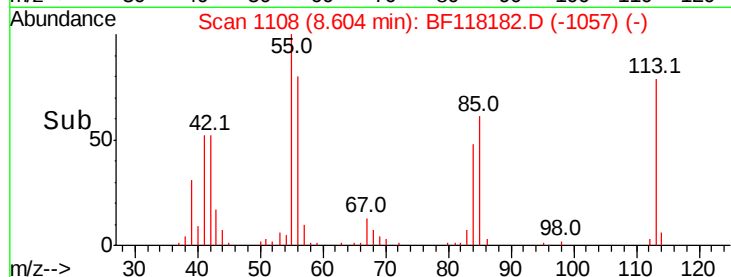
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.178 ng/ml

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

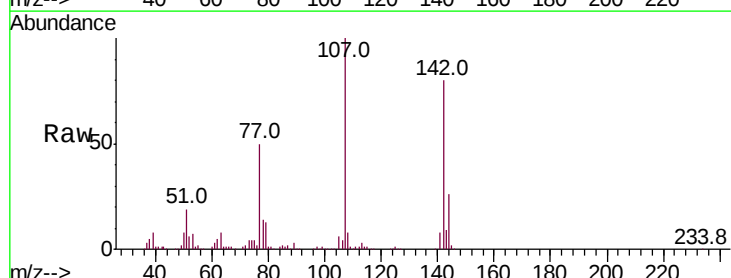
Tgt Ion:107 Resp: 294322

Ion Ratio Lower Upper

107 100

144 26.3 20.3 30.5

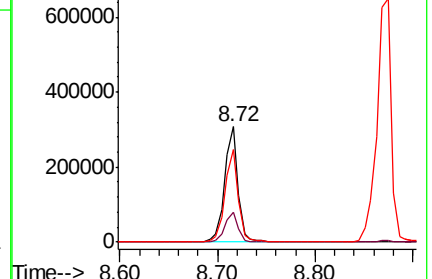
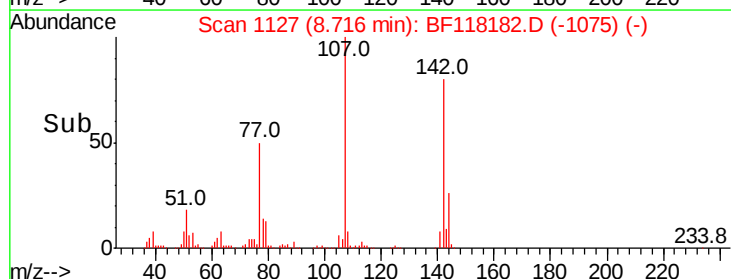
142 80.2 63.7 95.5

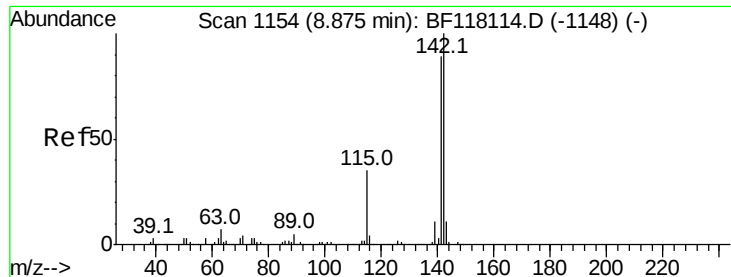


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





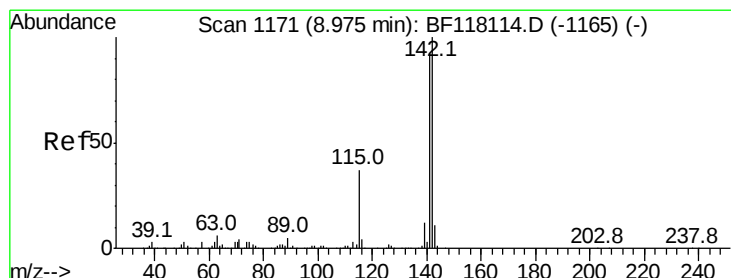
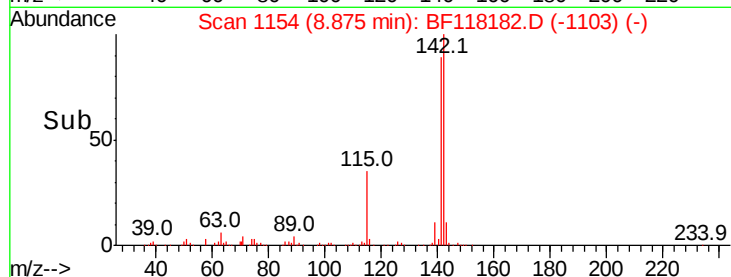
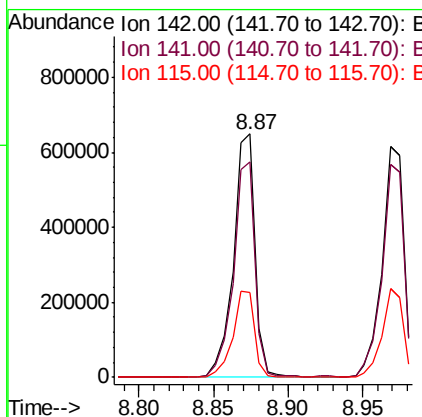
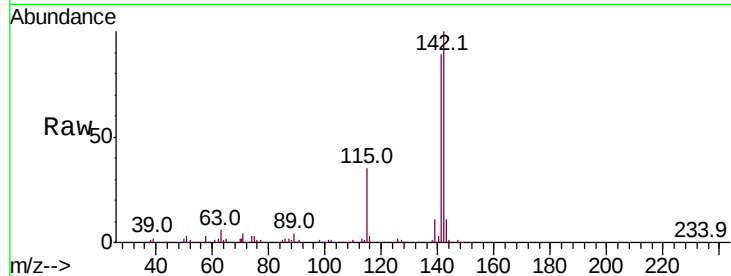
#37
2-Methylnaphthalene
Concen: 42.600 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	661694		
141	88.6		71.4	107.0
115	34.9		28.2	42.4

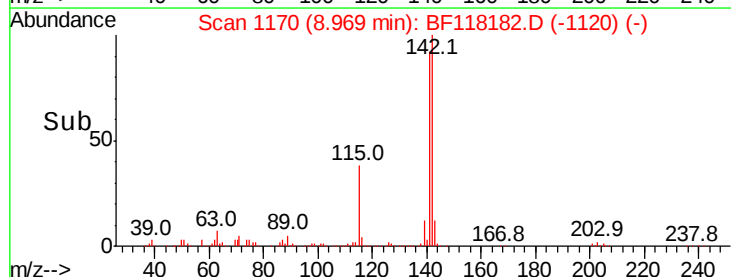
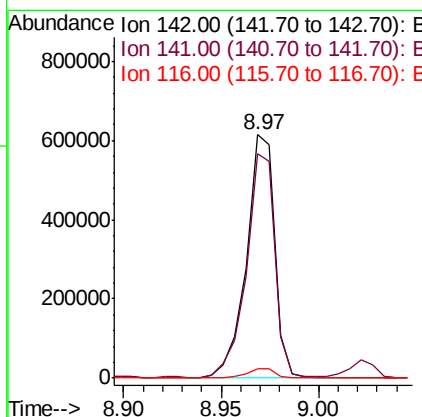
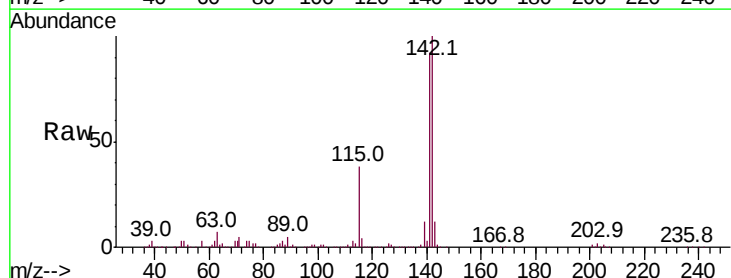
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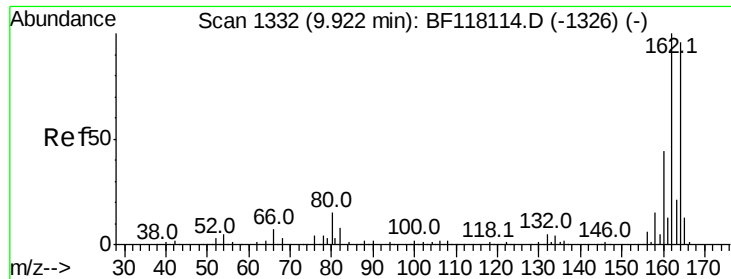
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#38
1-Methylnaphthalene
Concen: 42.060 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	613417		
141	92.1		74.0	111.0
116	4.1		3.2	4.8





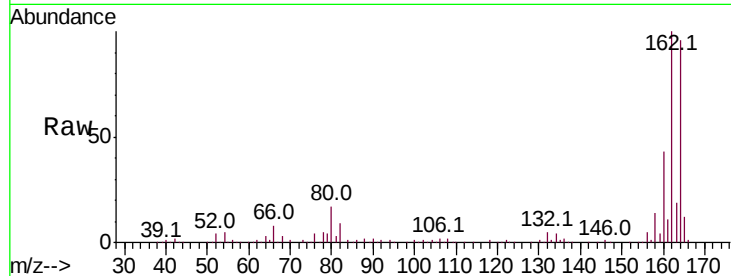
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.9	83.4	125.0	
160	44.2	36.6	54.8	

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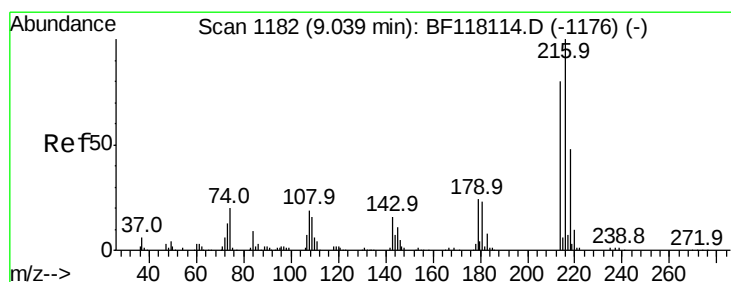
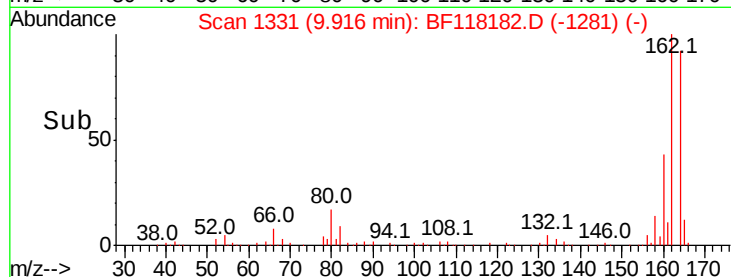
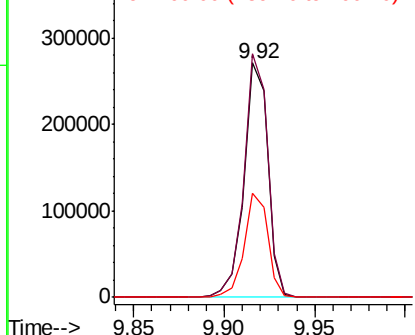


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.694 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.7	63.4	95.2	
179	22.8	18.6	27.8	
108	21.4	15.4	23.0	

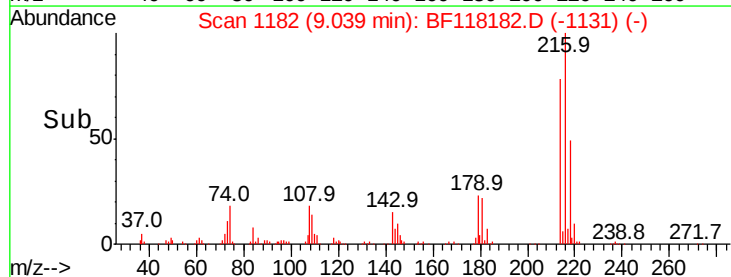
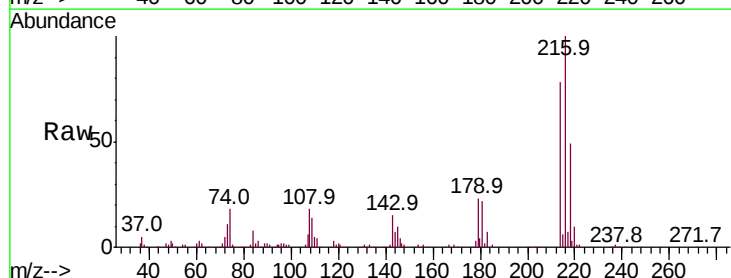
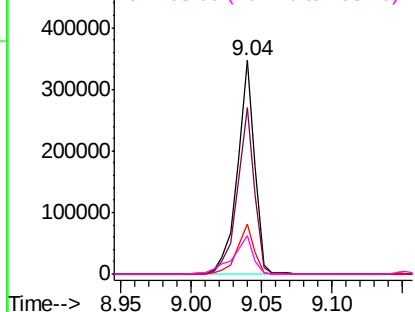
Abundance

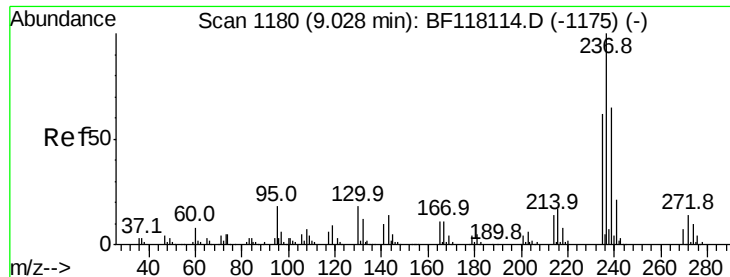
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.586 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

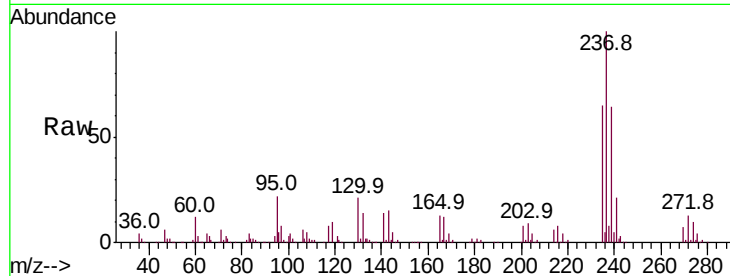
ClientSampleId :

PB125420BS

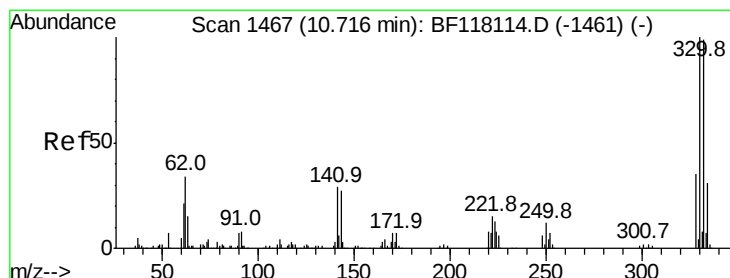
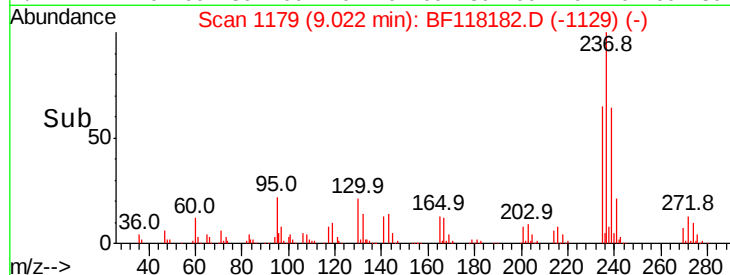
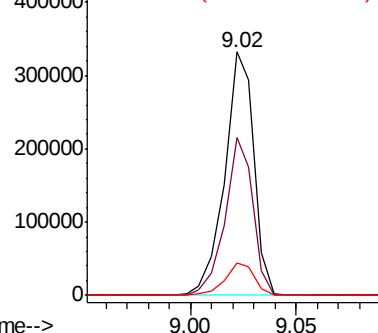
Tot Ion:	237	Resp:	319569
Ion Ratio	Lower	Upper	
237	100		
235	64.6	41.5	81.5
272	13.4	0.0	33.7

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



#42

2,4,6-Tribromophenol

Concen: 110.902 ng

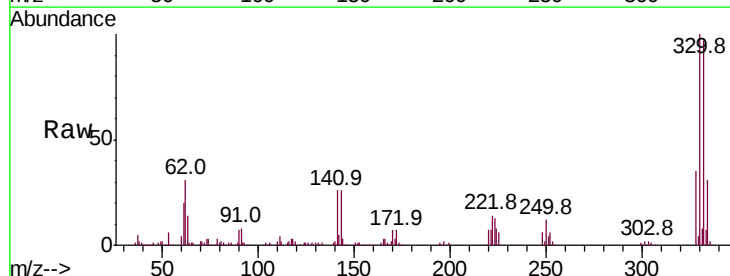
RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

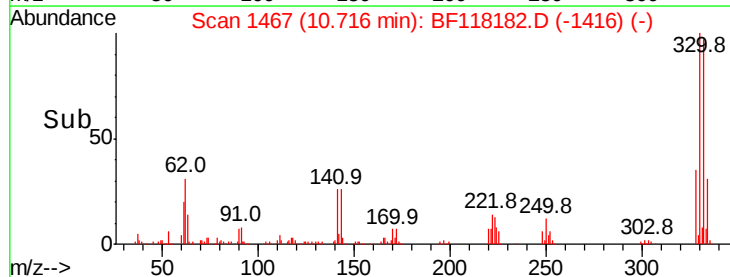
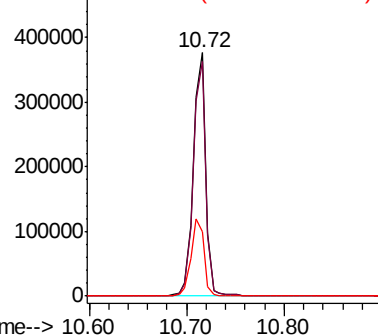
Lab File: BF118182.D

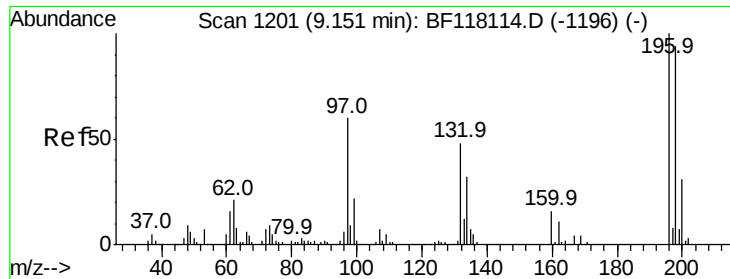
Acq: 13 Dec 2019 13:17

Tgt Ion:	330	Resp:	335360
Ion Ratio	Lower	Upper	
330	100		
332	96.6	78.1	117.1
141	33.0	26.9	40.3



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





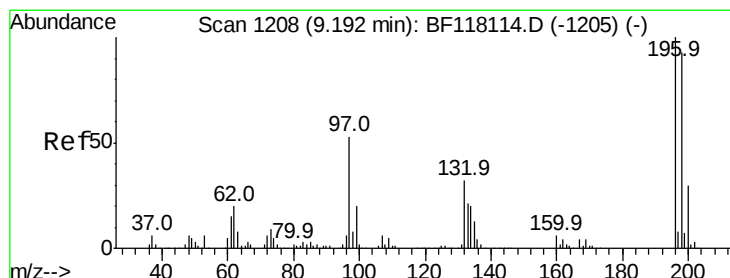
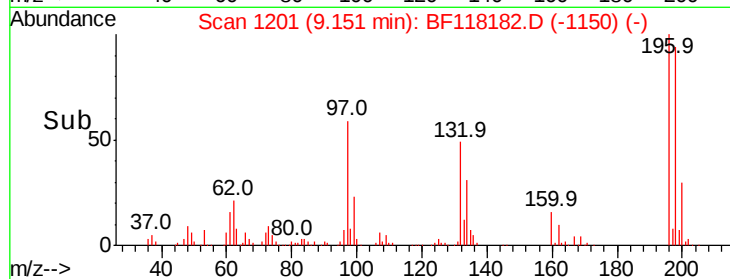
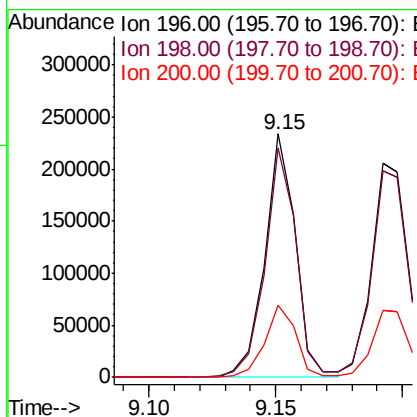
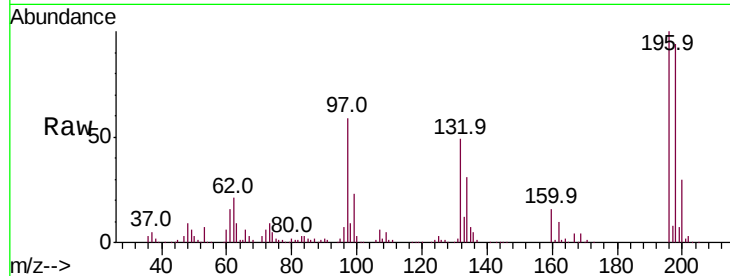
#43
 2,4,6-Trichlorophenol
 Concen: 39.587 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB125420BS

Tot Ion:	196	Resp:	199315
Ion Ratio	Lower	Upper	
196	100		
198	94.1	75.0	112.4
200	29.7	24.5	36.7

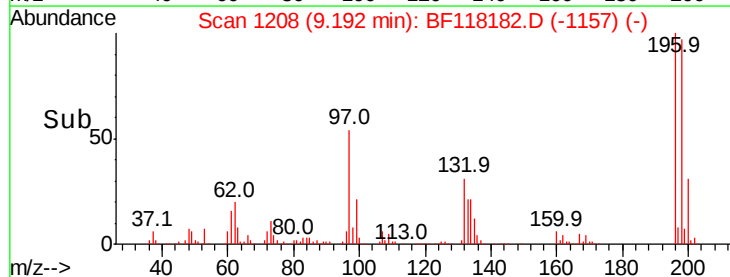
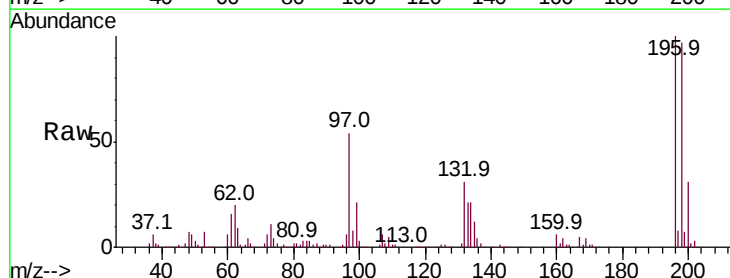
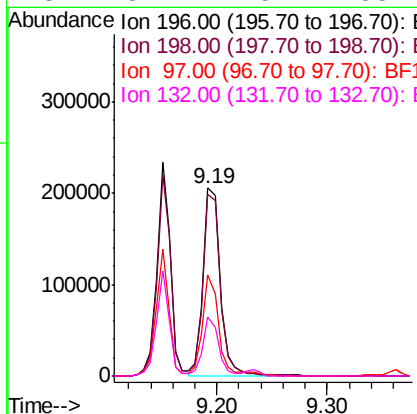
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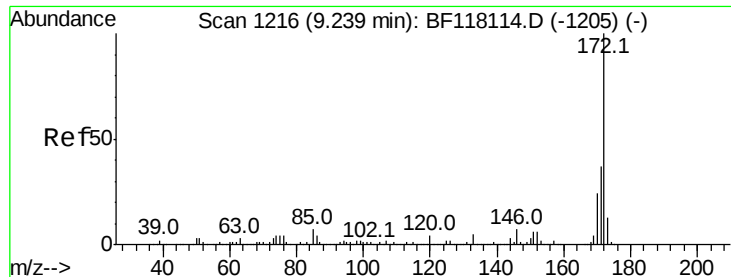
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#44
 2,4,5-Trichlorophenol
 Concen: 41.759 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

Tgt Ion:	196	Resp:	217824
Ion Ratio	Lower	Upper	
196	100		
198	96.8	74.2	111.4
97	53.7	42.5	63.7
132	31.2	25.4	38.2





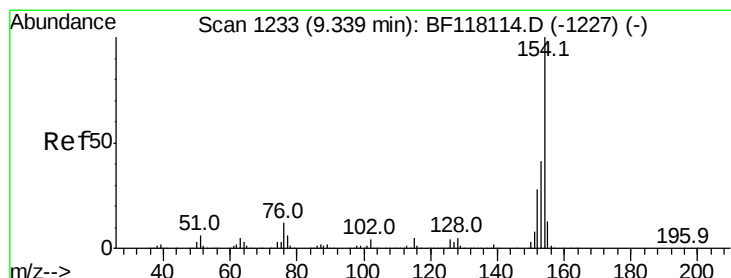
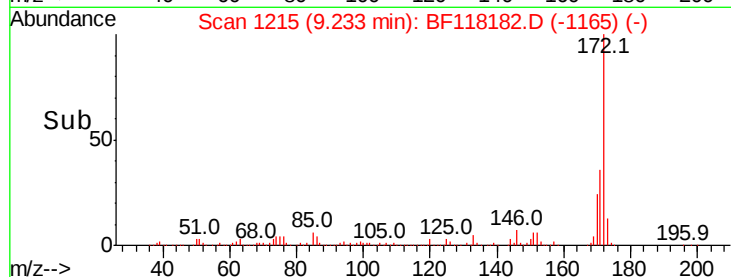
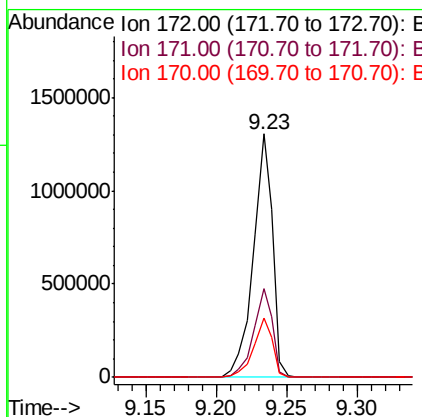
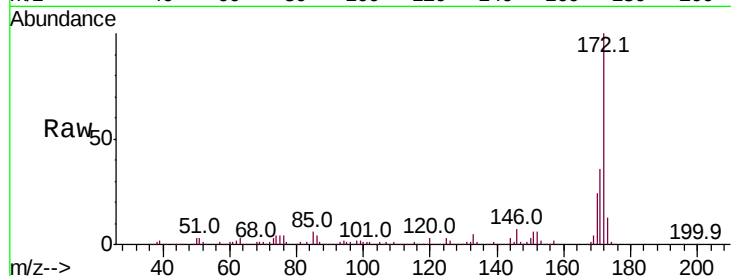
#45
2-Fluorobiphenyl
Concen: 76.453 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	24.1	19.4	29.2

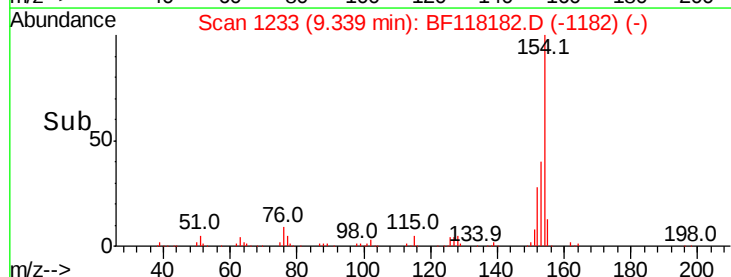
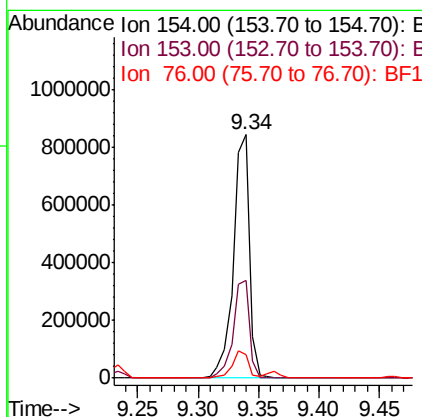
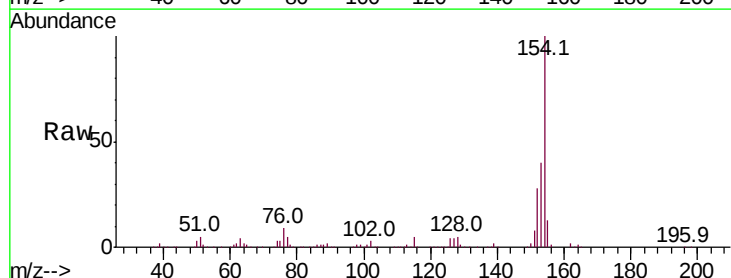
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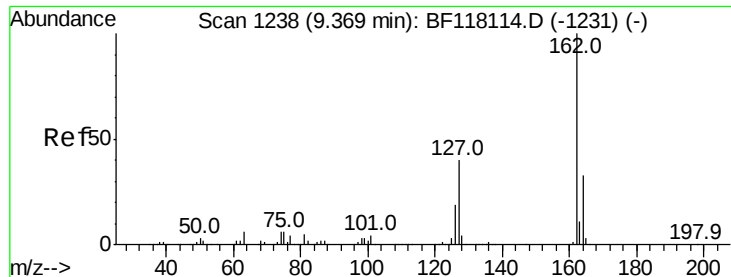
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#46
1,1'-Biphenyl
Concen: 39.928 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.7	60.7
76	9.4	0.0	31.9





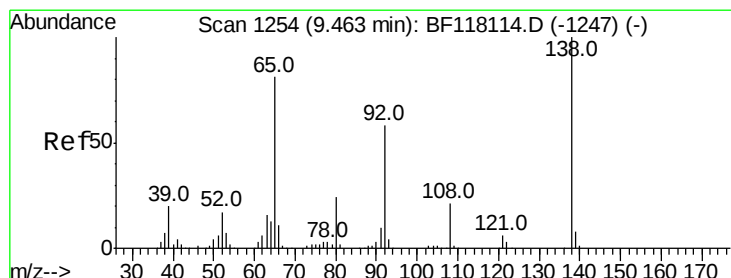
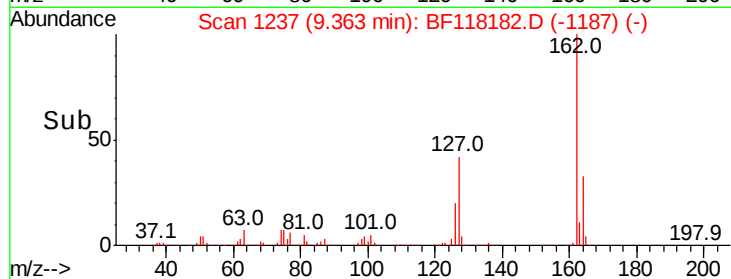
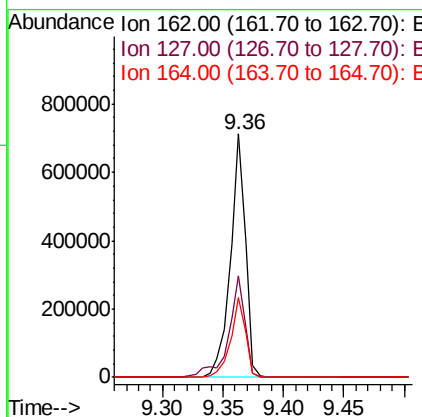
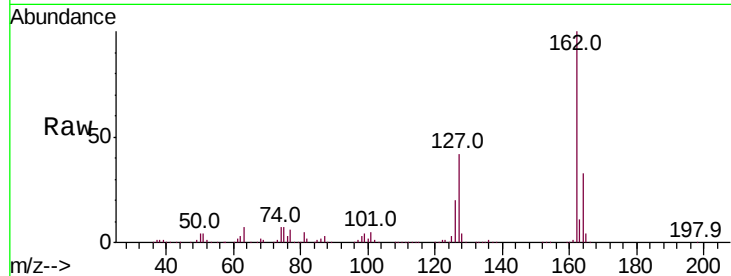
#47
2-Chloronaphthalene
Concen: 39.096 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	32.0	48.0
164	32.9	26.1	39.1

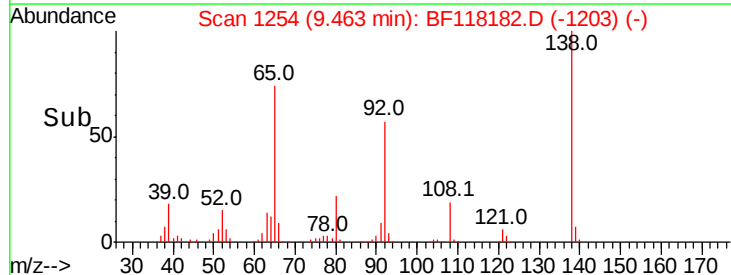
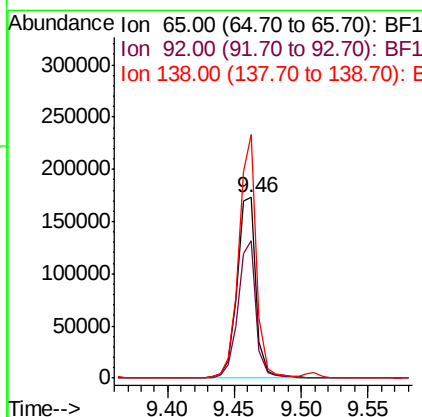
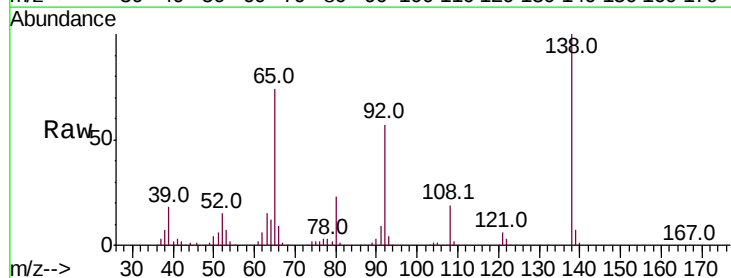
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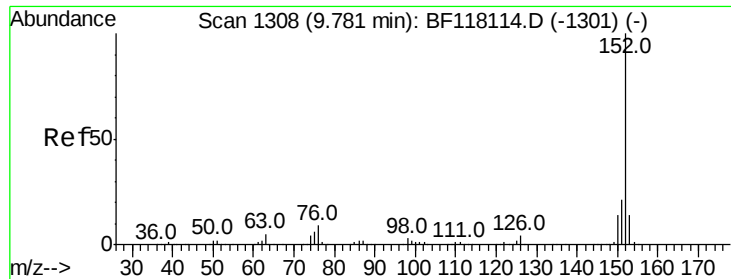
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#48
2-Nitroaniline
Concen: 38.503 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.1	57.8	86.6
138	134.7	98.8	148.2





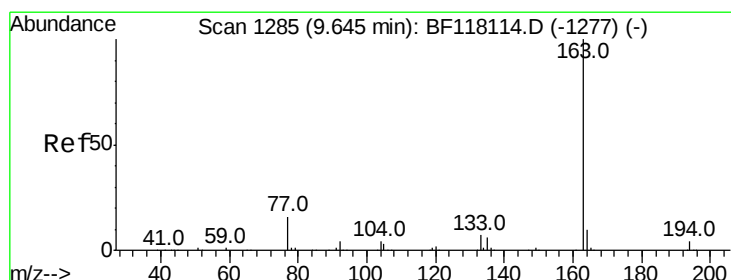
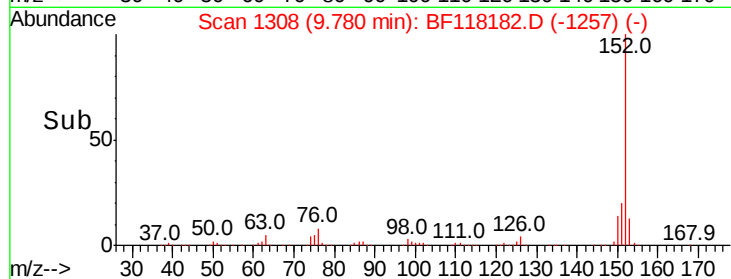
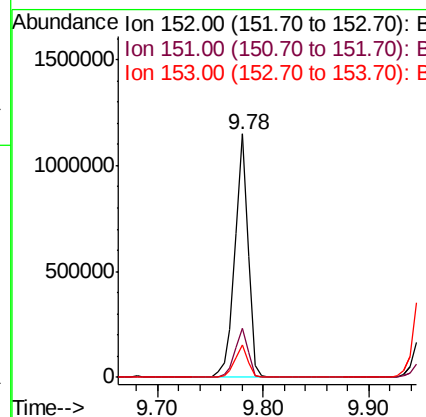
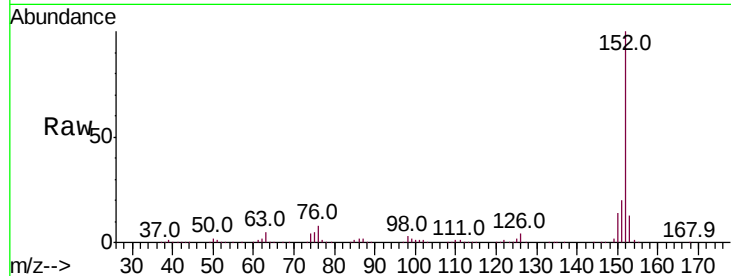
#49
Acenaphthylene
Concen: 42.437 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6
153	13.1	10.8	16.2

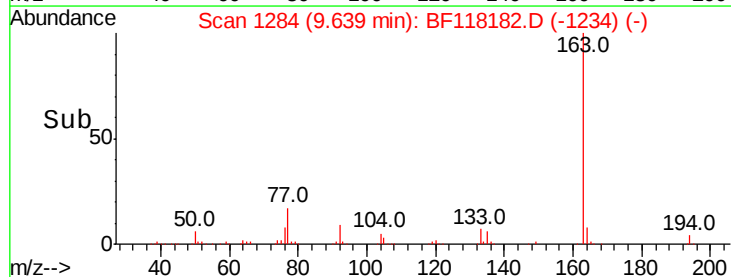
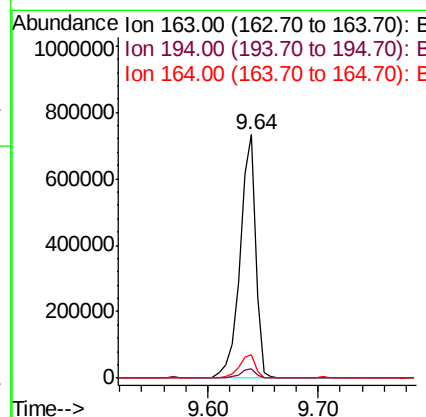
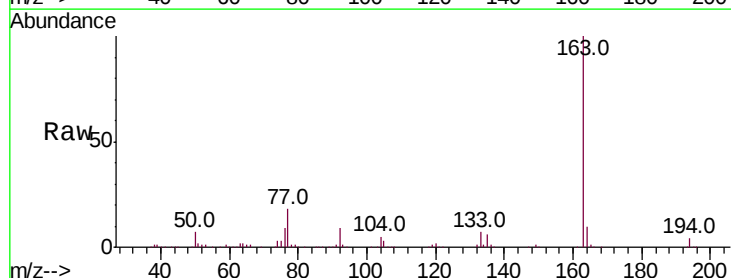
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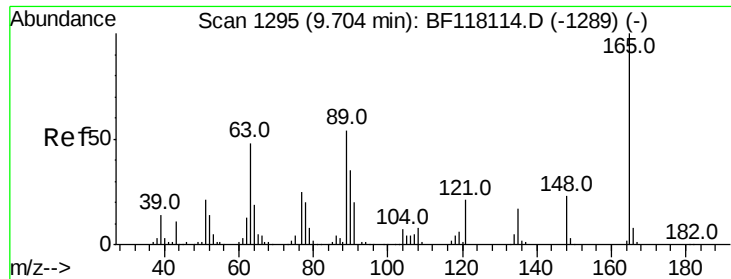
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#50
Dimethylphthalate
Concen: 39.775 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.8	7.7	11.5





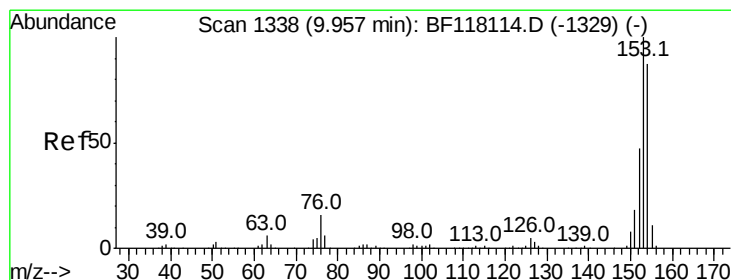
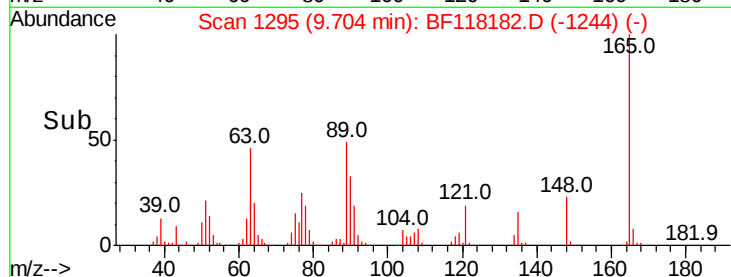
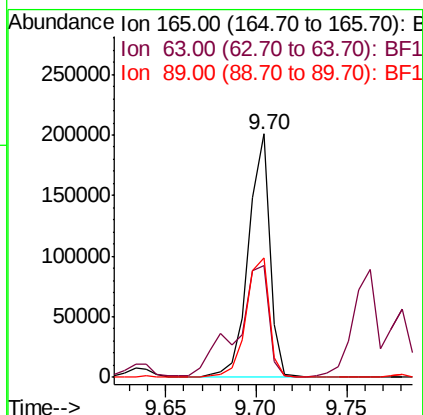
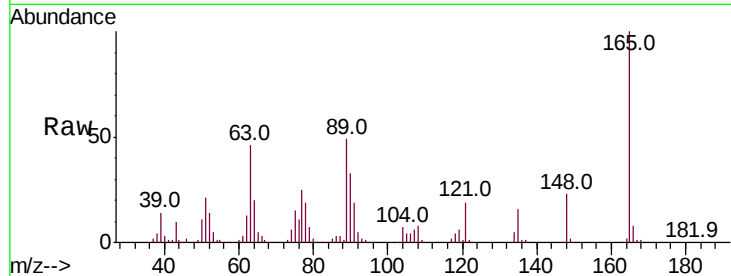
#51
2,6-Dinitrotoluene
Concen: 41.020 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	163997		
63	46.1		41.4	62.0
89	49.2		42.9	64.3

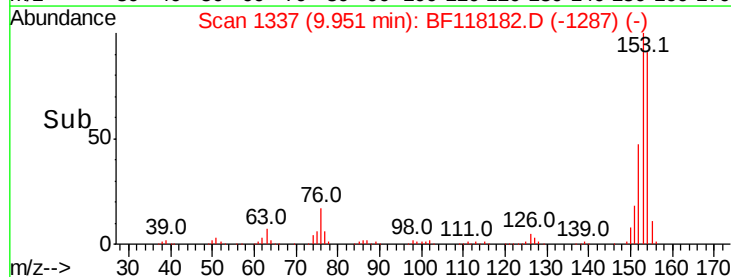
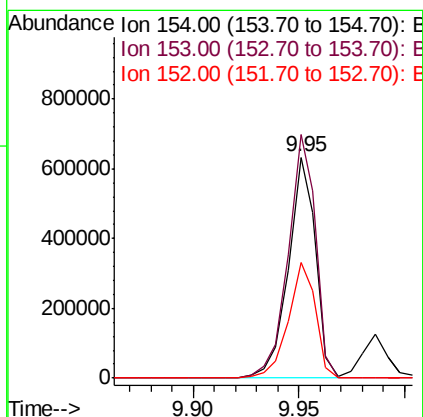
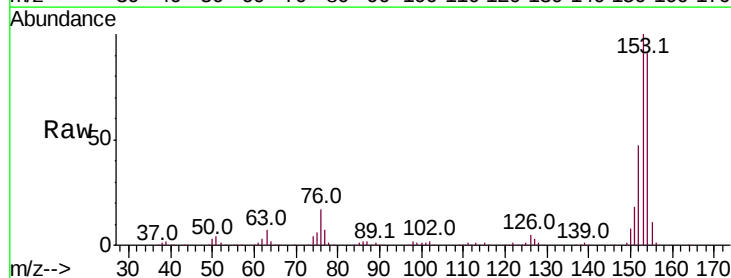
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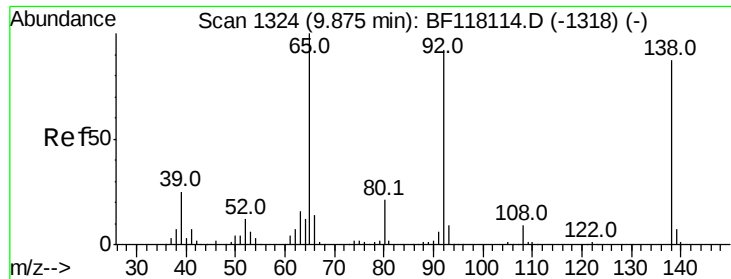
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#52
Acenaphthene
Concen: 39.945 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	567892		
153	110.2		91.8	137.6
152	52.3		43.3	64.9





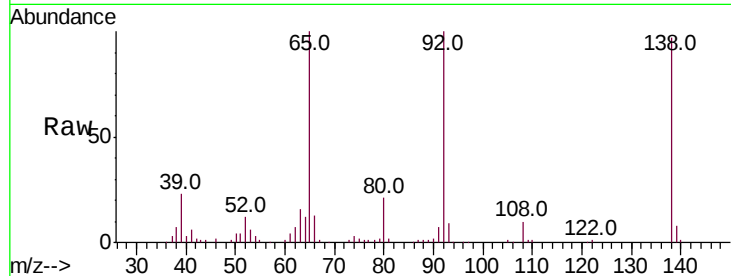
#53
3-Nitroaniline
Concen: 23.884 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

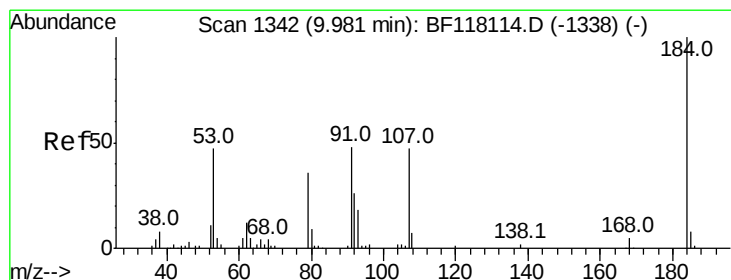
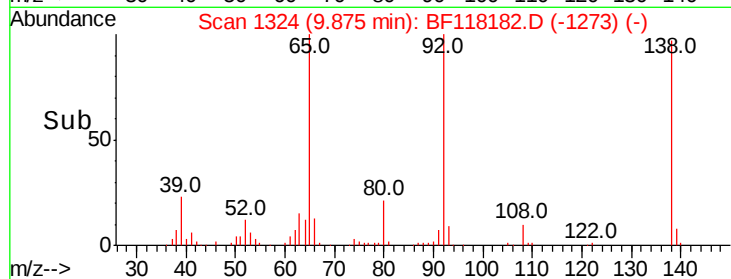
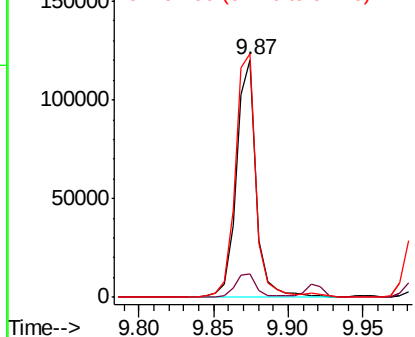
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.2	12.4
92	102.6	84.9	127.3

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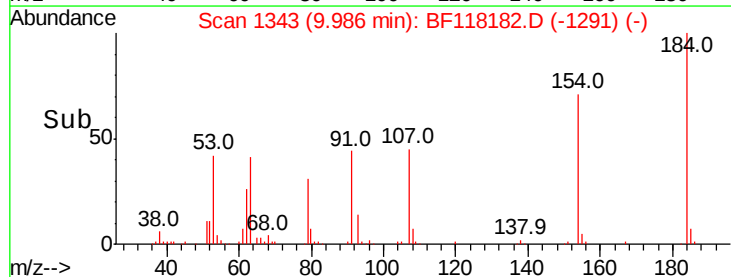
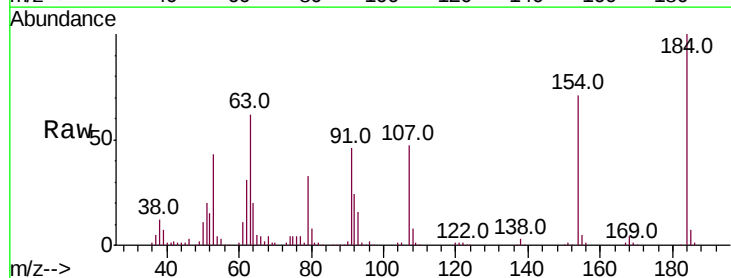
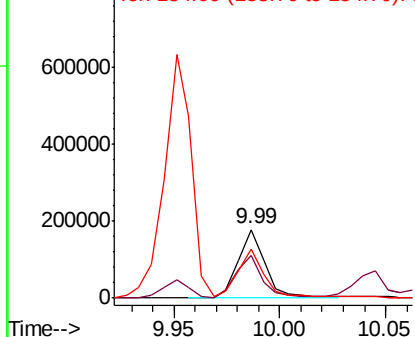
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

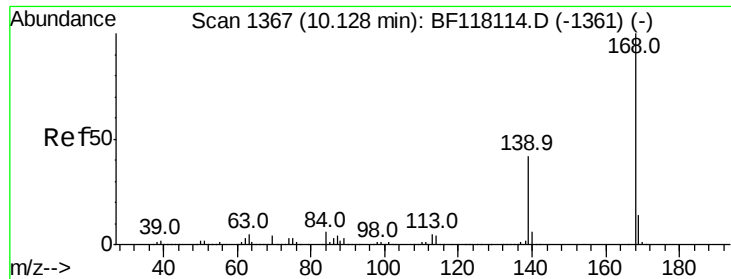


#54
2,4-Dinitrophenol
Concen: 80.512 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.5	53.9	80.9
154	71.0	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





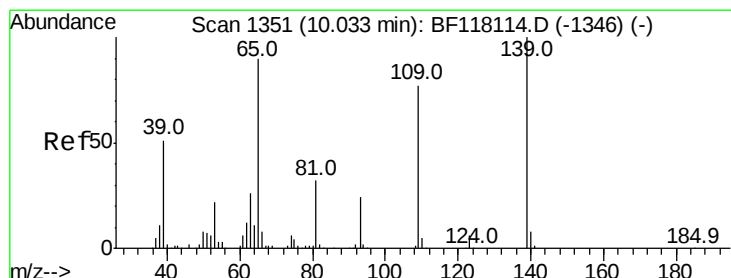
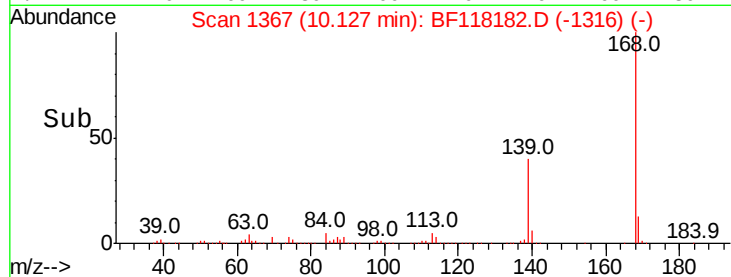
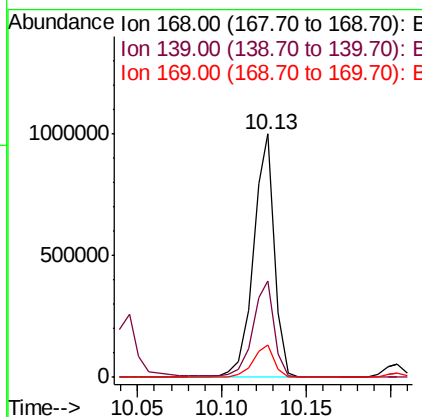
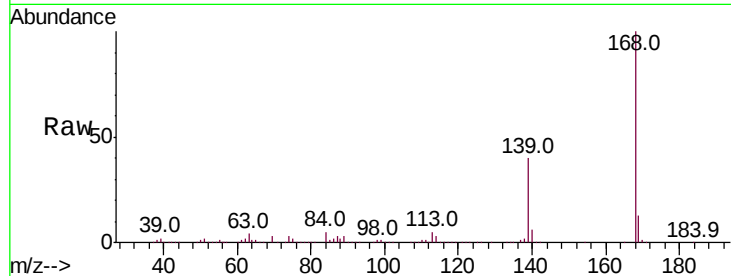
#55
Dibenzofuran
Concen: 41.485 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	33.4	50.0
169	13.5	11.0	16.6

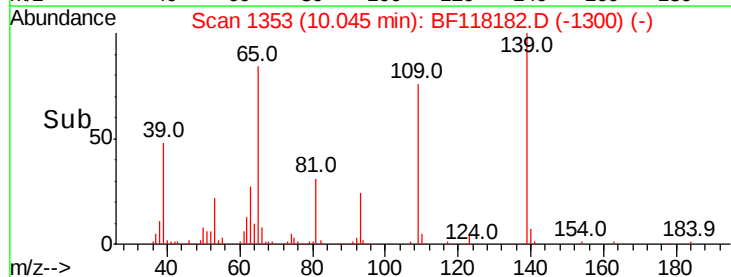
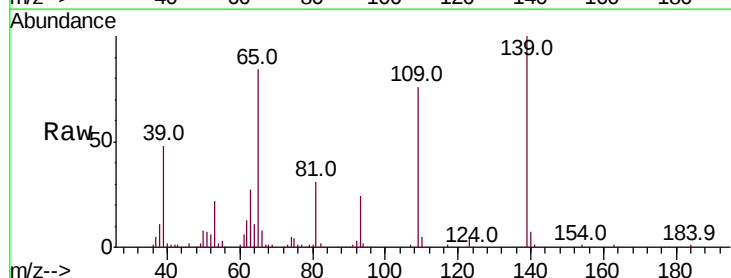
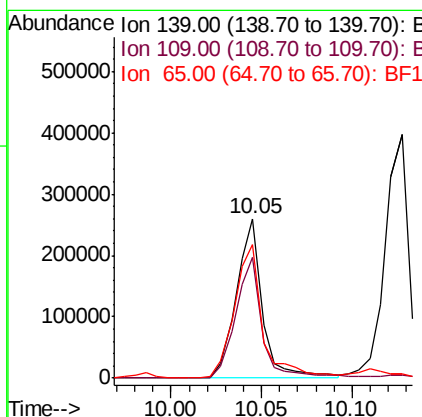
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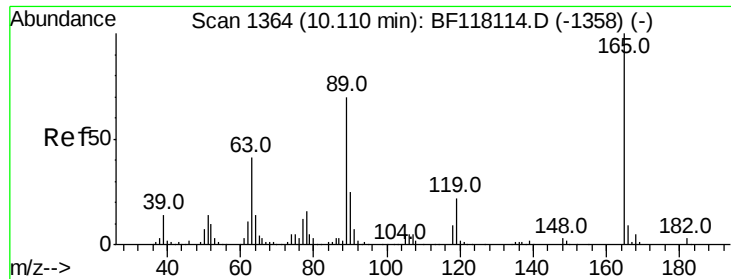
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#56
4-Nitrophenol
Concen: 80.087 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.0	57.3	97.3
65	84.0	70.2	110.2





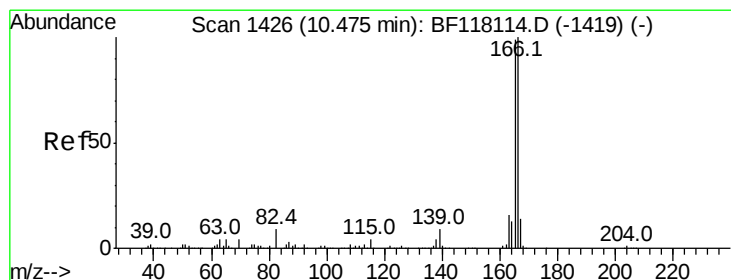
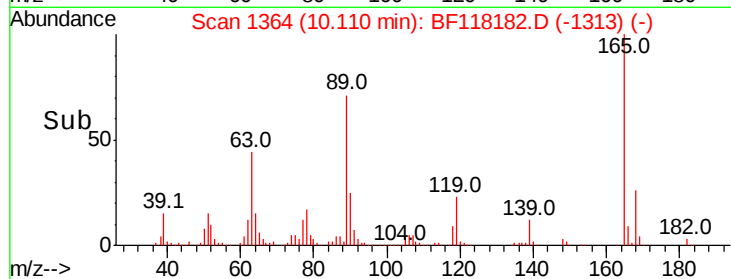
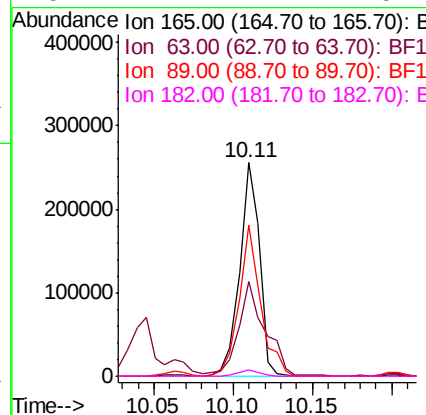
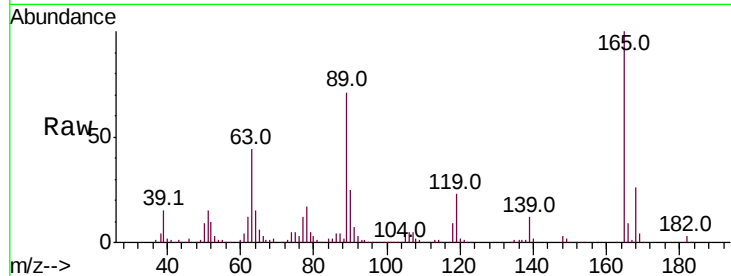
#57
2,4-Dinitrotoluene
Concen: 41.697 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	222504		
63	44.1	32.6	49.0	
89	70.8	56.1	84.1	
182	2.7	2.1	3.1	

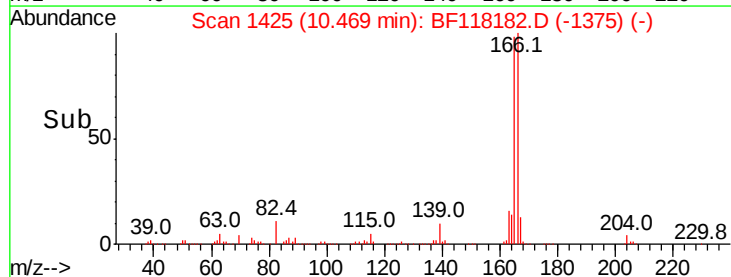
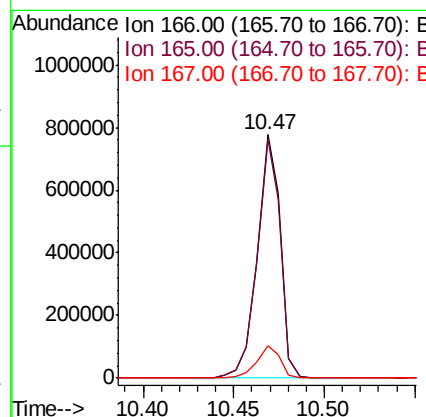
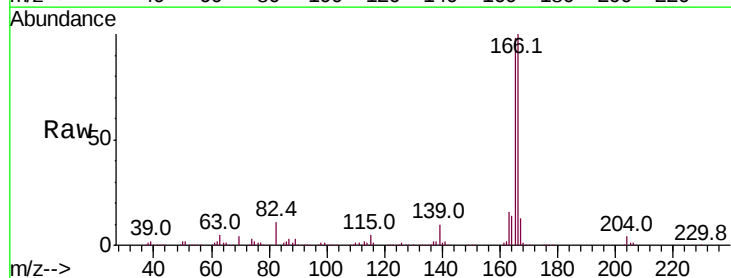
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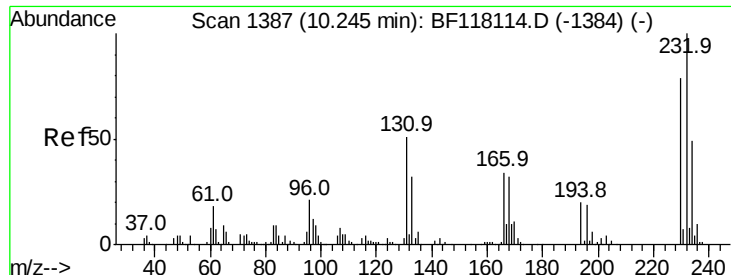
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#58
Fluorene
Concen: 41.325 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	684140		
165	98.1	79.0	118.4	
167	13.2	10.9	16.3	





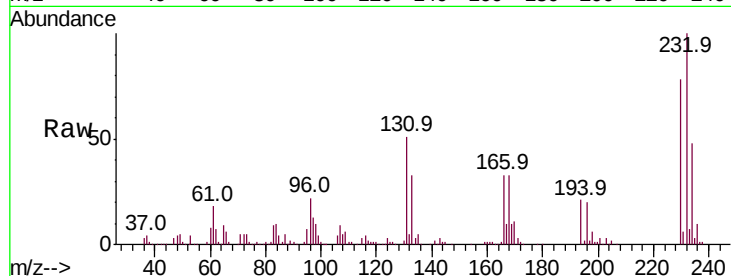
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.052 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	180972		
131	48.8		38.8	58.2
130	2.4		1.9	2.9
166	32.4		25.4	38.0

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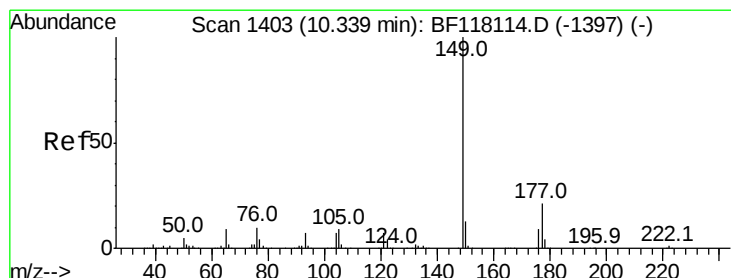
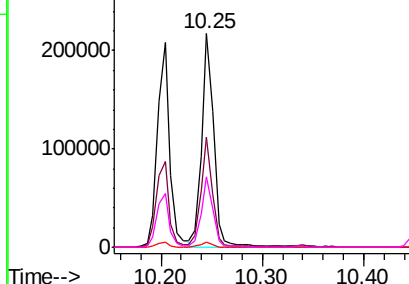
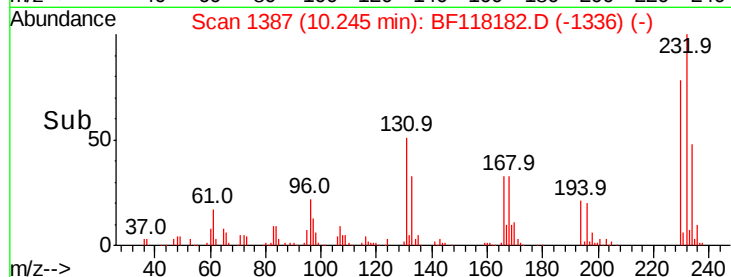
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

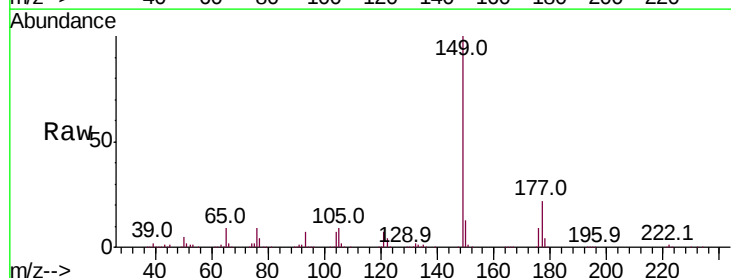
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.902 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	740948		
177	22.0		17.0	25.4
150	13.0		10.1	15.1

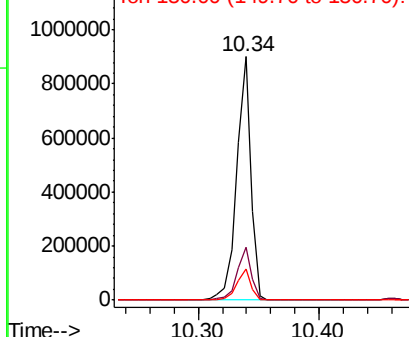
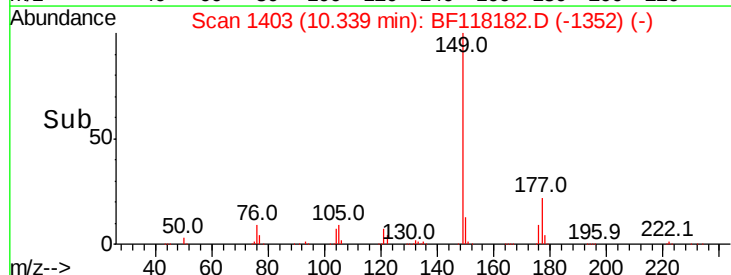


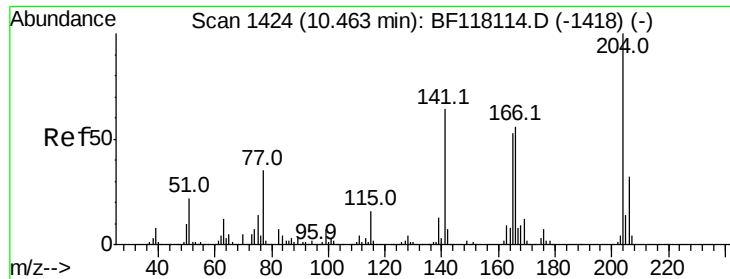
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





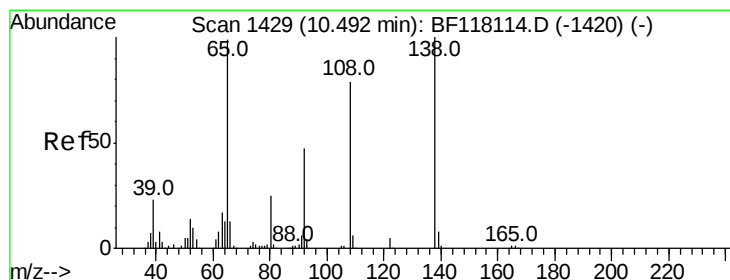
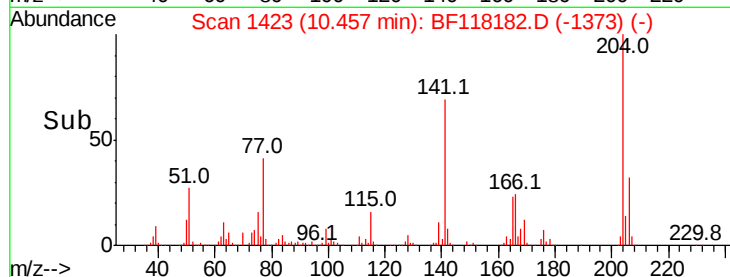
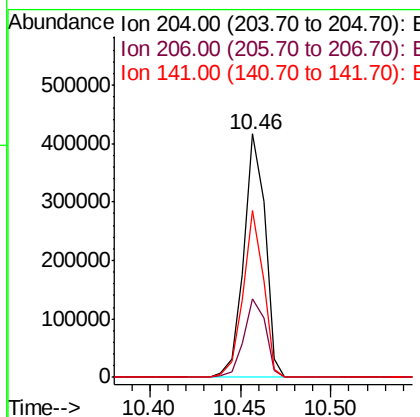
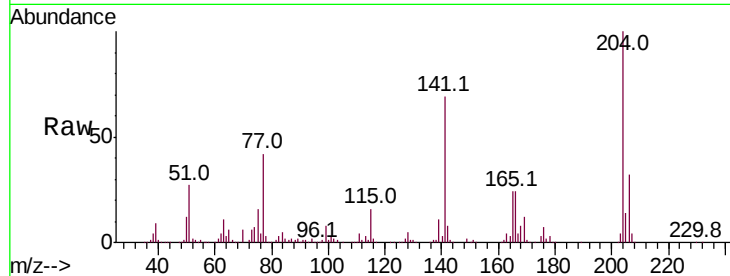
#61
4-Chlorophenyl-phenylether
Concen: 40.888 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleID :
PB125420BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.0	39.0
141	68.7	51.0	76.6

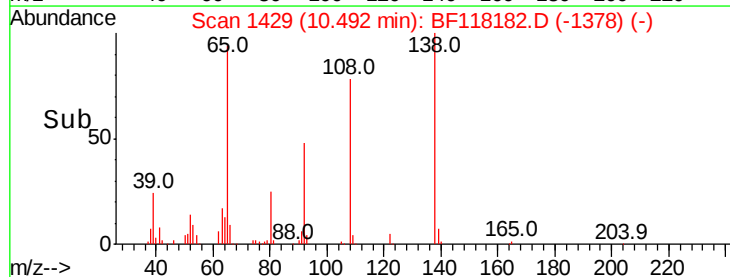
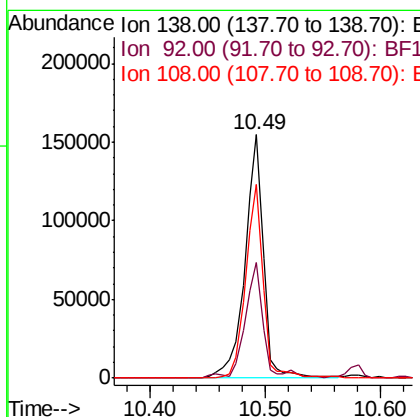
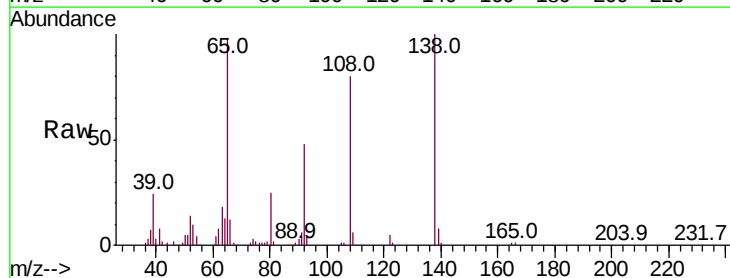
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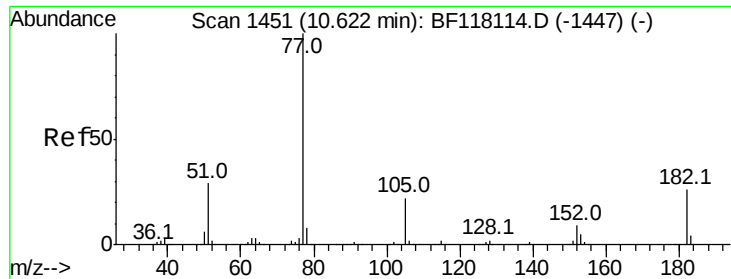
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#62
4-Nitroaniline
Concen: 35.041 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	27.1	67.1
108	79.8	59.0	99.0





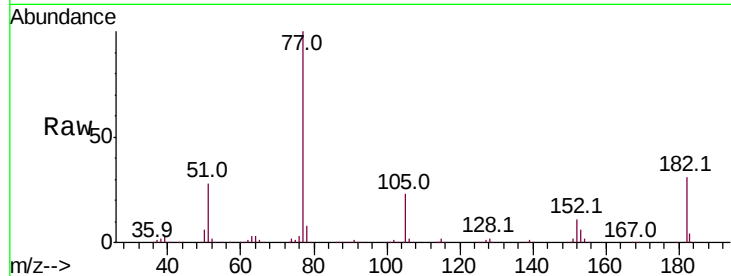
#63
Azobenzene
Concen: 41.259 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	638040		
182	30.7	5.7	45.7	
105	23.0	2.2	42.2	
51	28.4	9.6	49.6	

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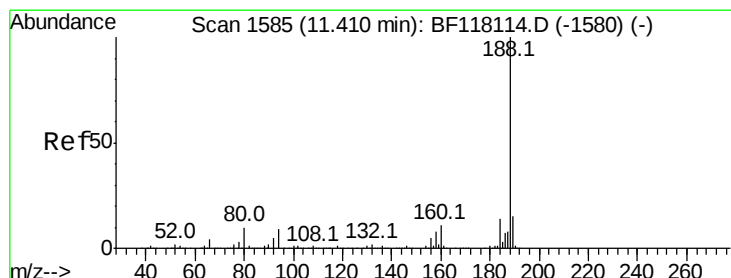
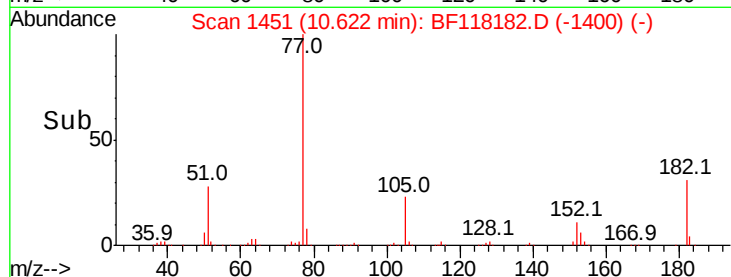
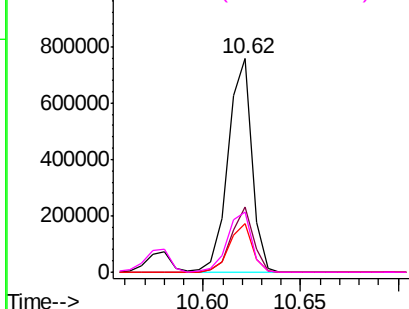
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

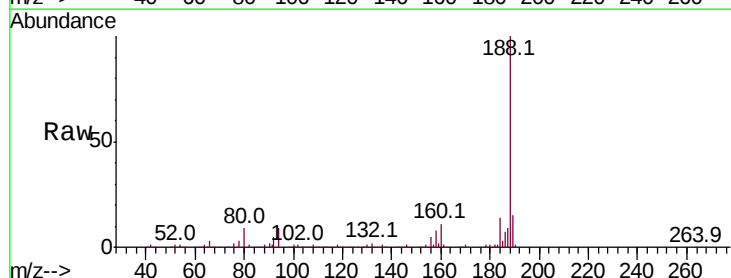
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	471167		
94	8.9	7.1	10.7	
80	8.9	7.9	11.9	

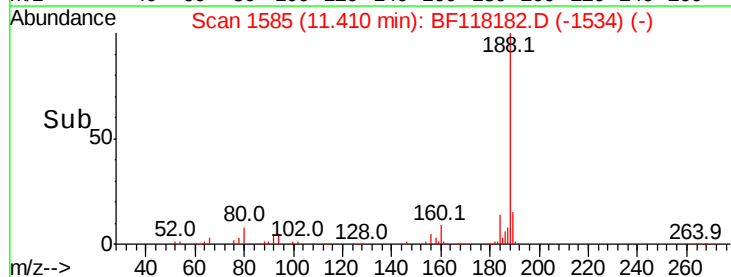
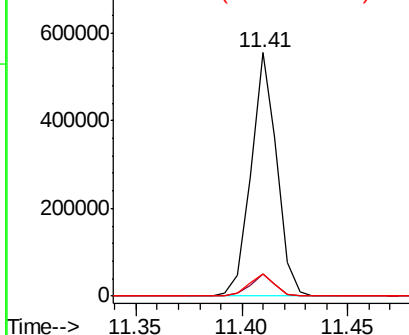


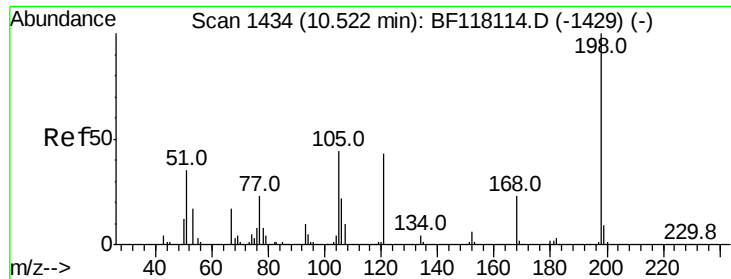
Abundance

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: 43.806 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

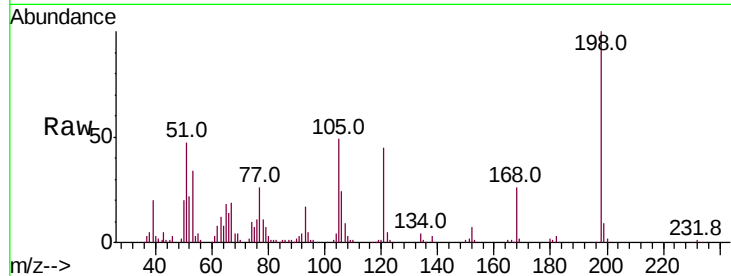
ClientSampleId :

PB125420BS

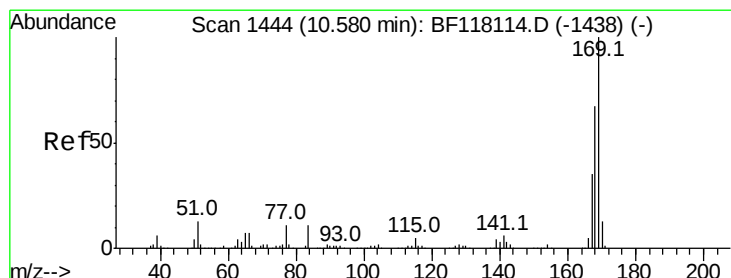
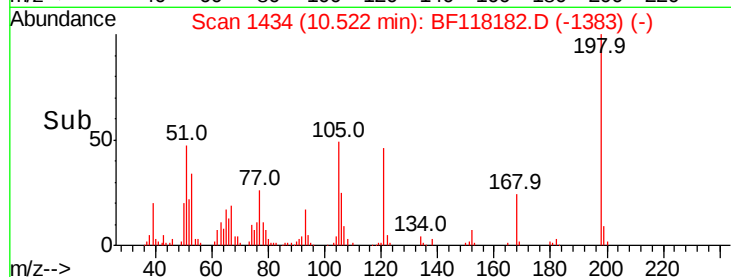
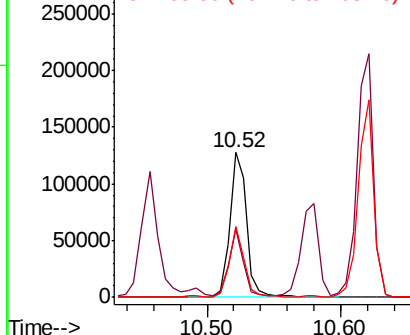
Tot Ion:	198	Resp:	113986
Ion Ratio	Lower	Upper	
198	100		
51	46.8	22.0	62.0
105	49.1	25.6	65.6

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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: 41.029 ng

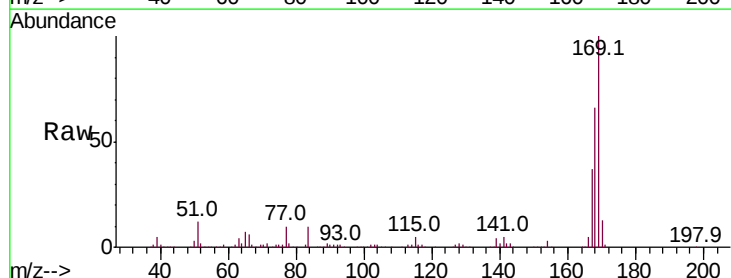
RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

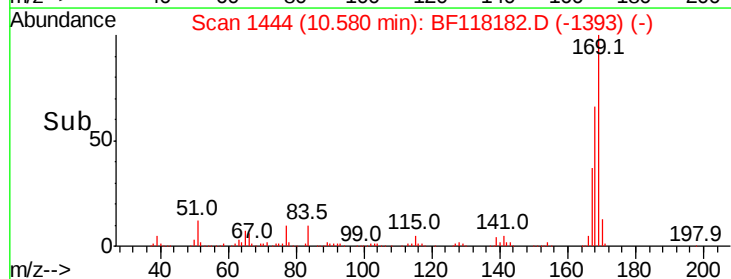
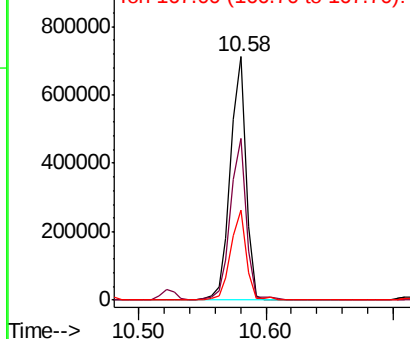
Lab File: BF118182.D

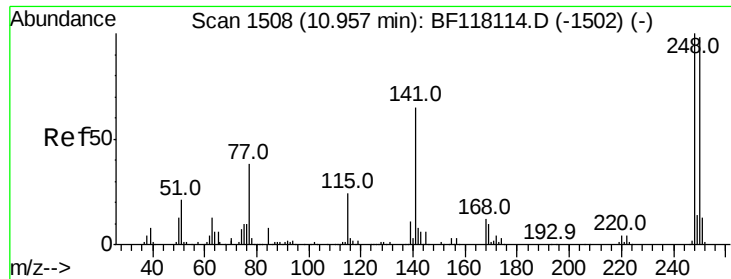
Acq: 13 Dec 2019 13:17

Tgt Ion:	169	Resp:	603695
Ion Ratio	Lower	Upper	
169	100		
168	66.4	53.4	80.2
167	36.9	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





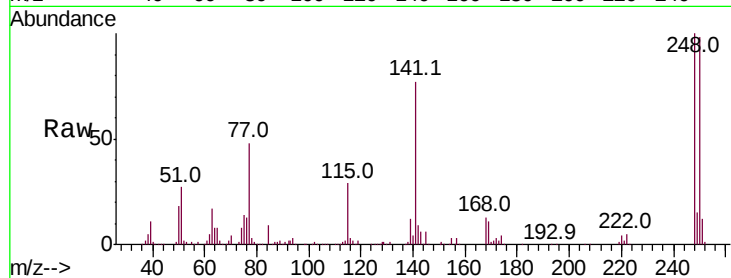
#67
4-Bromophenyl-phenylether
Concen: 39.231 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	76.9	52.2	78.4

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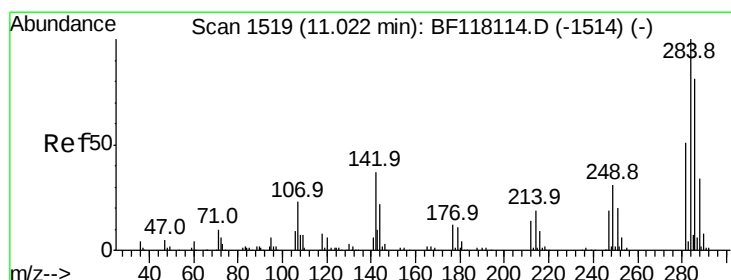
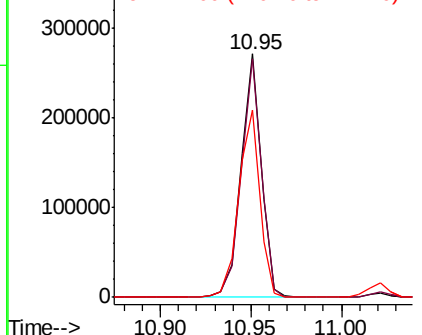
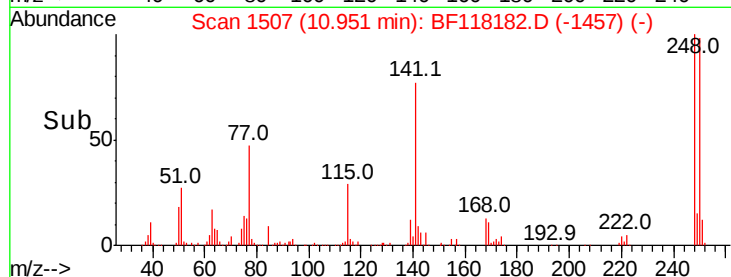


Abundance

Ion 248.00 (247.70 to 248.70): E

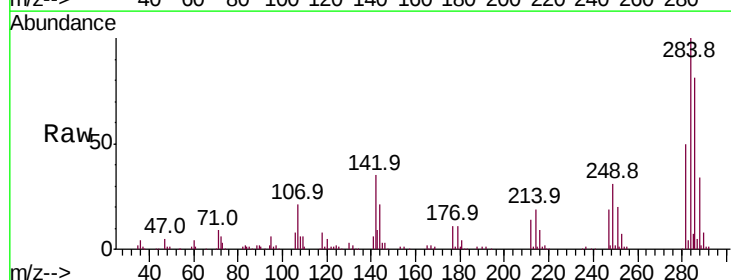
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.851 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	29.7	44.5
249	31.1	24.6	37.0

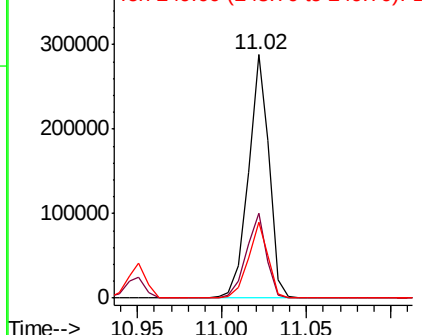
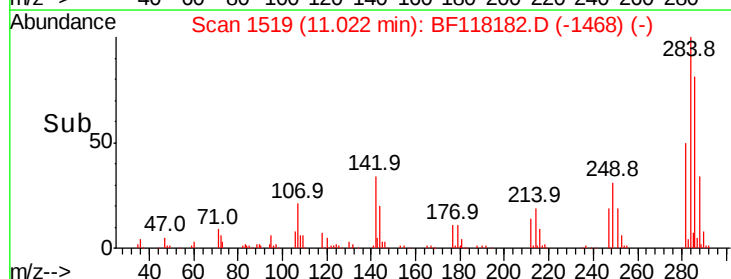


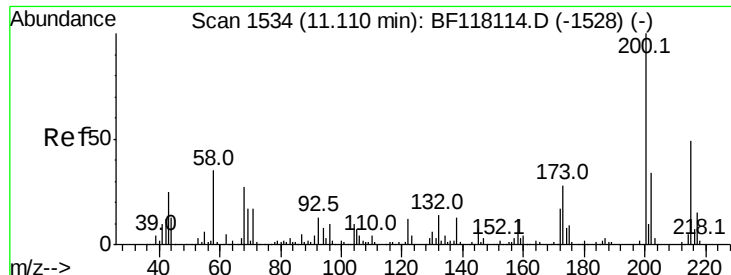
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





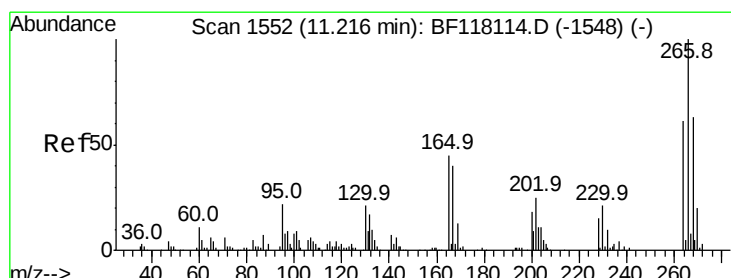
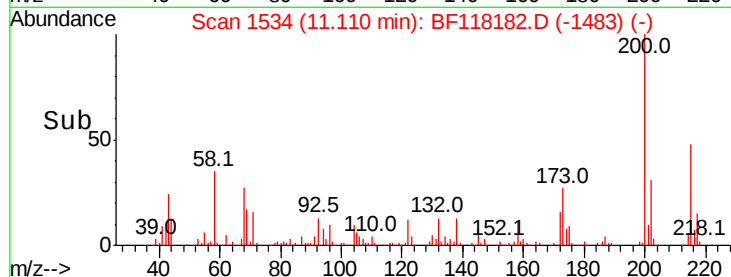
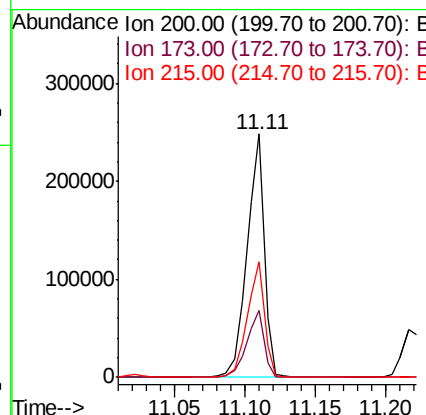
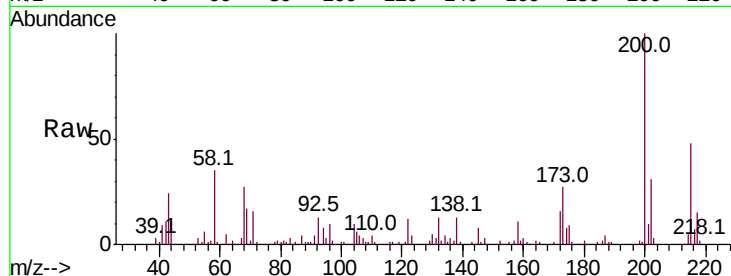
#69
Atrazine
Concen: 62.459 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.5	8.1	48.1
215	47.6	29.0	69.0

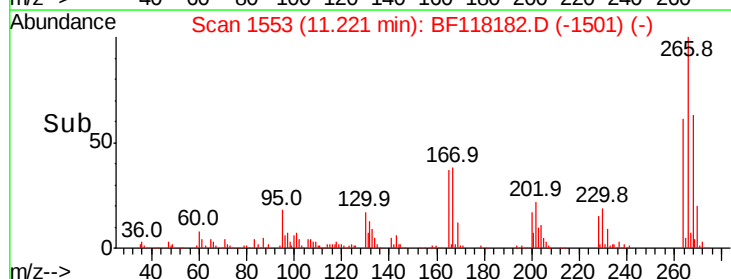
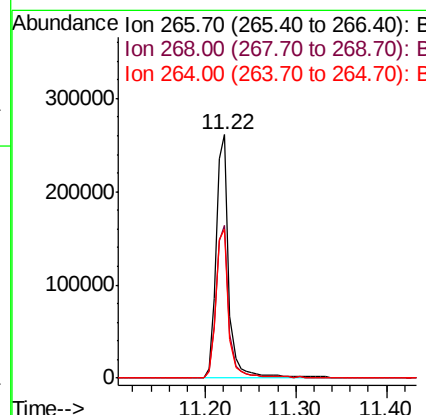
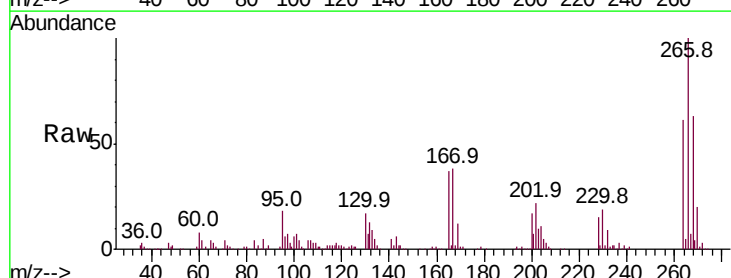
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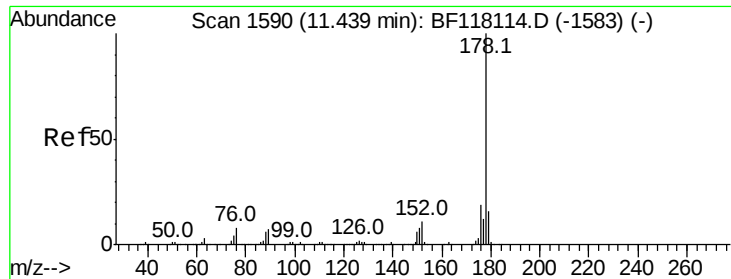
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#70
Pentachlorophenol
Concen: 87.723 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.8	50.7	76.1
264	61.4	48.7	73.1





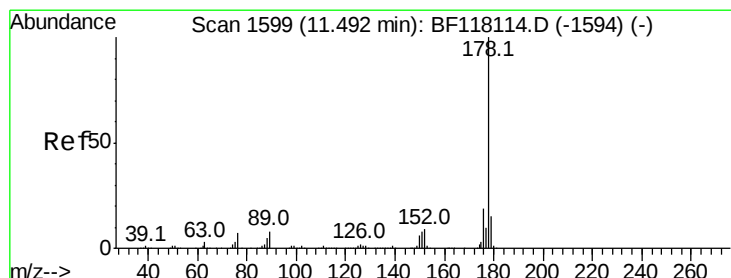
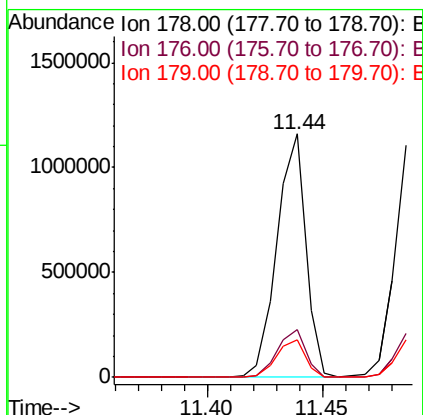
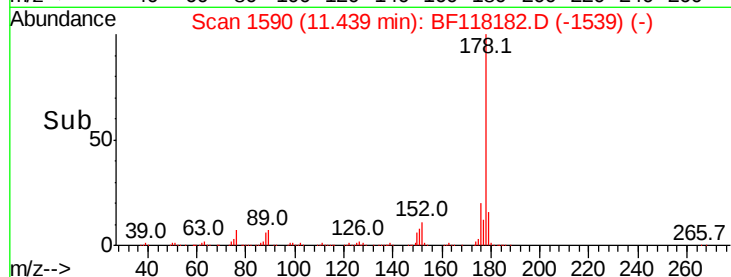
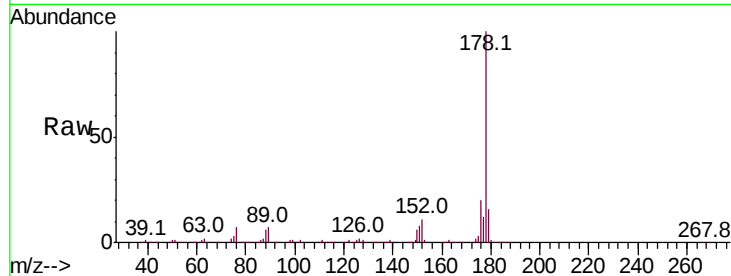
#71
Phenanthrene
Concen: 40.223 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion:178 Resp: 1007466
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.6 18.8

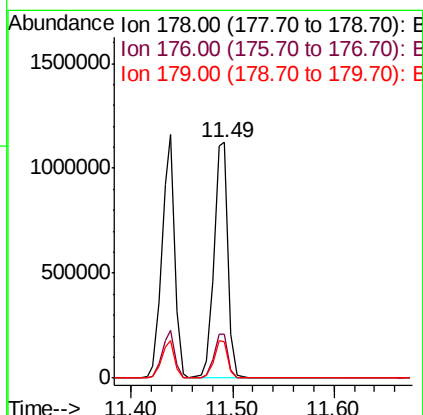
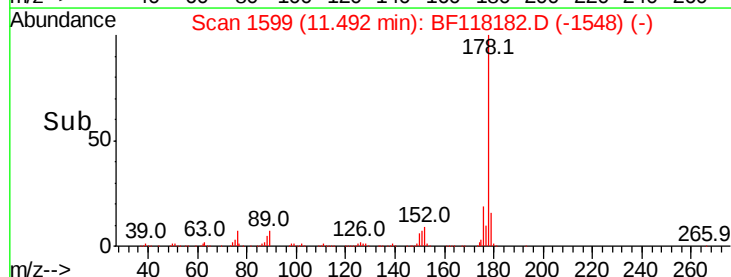
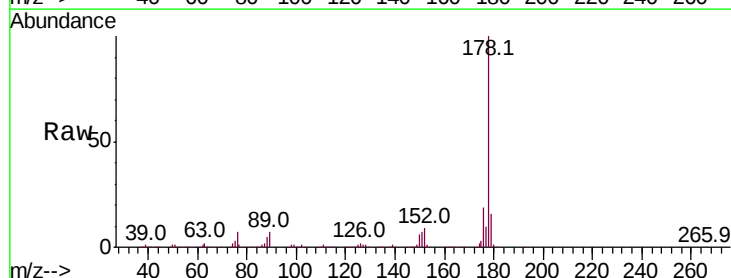
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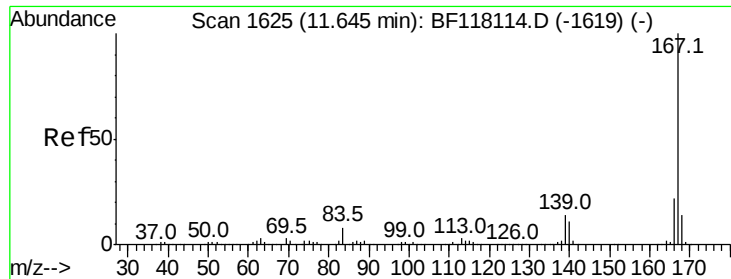
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#72
Anthracene
Concen: 42.948 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion:178 Resp: 1073086
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.5 12.2 18.4





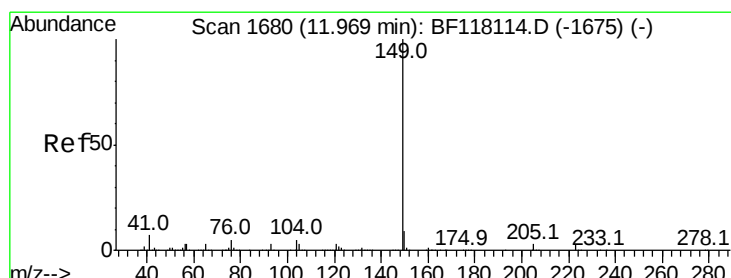
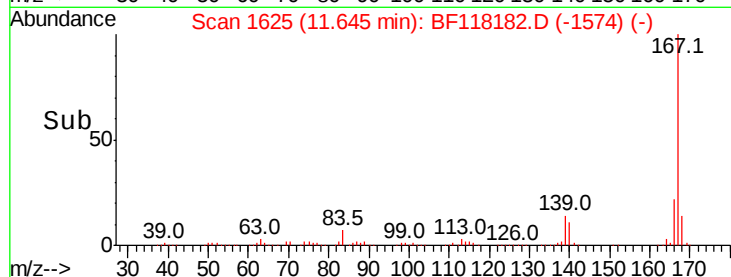
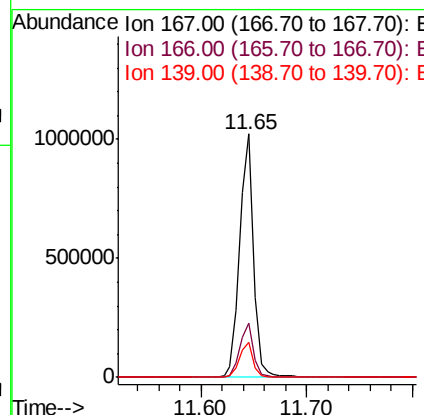
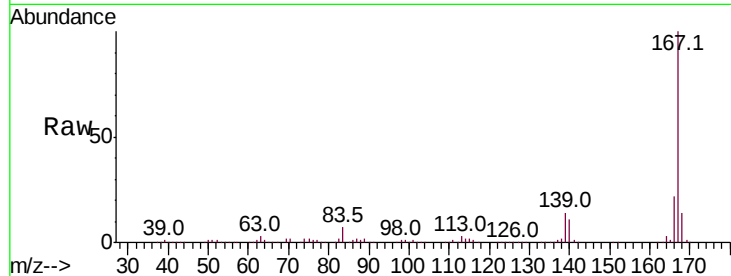
#73
 Carbazole
 Concen: 40.889 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB125420BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.2	17.4	26.2	
139	14.1	11.4	17.0	

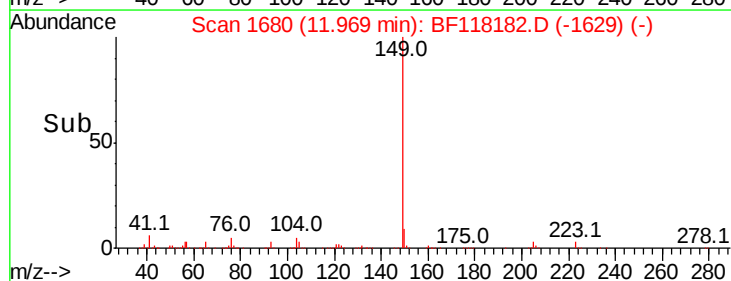
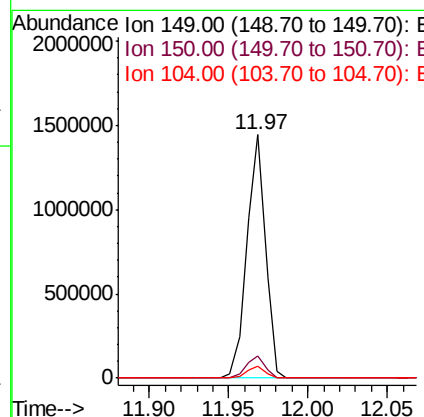
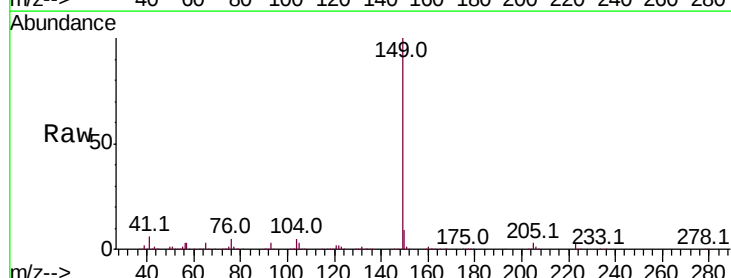
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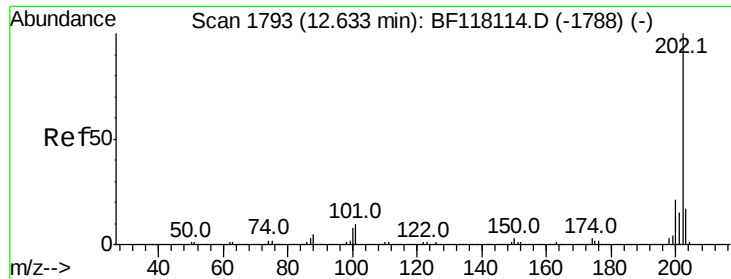
mohammad
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#74
 Di-n-butylphthalate
 Concen: 41.747 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.4	11.2	
104	4.8	4.3	6.5	





#75

Fluoranthene

Concen: 41.484 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

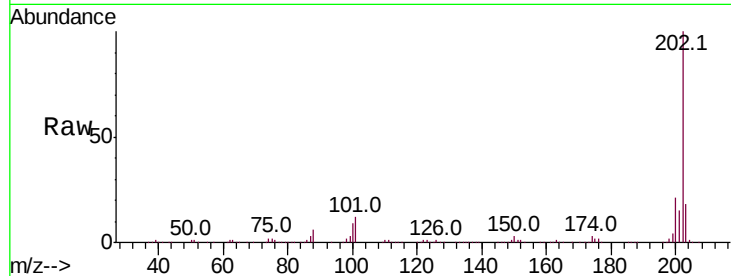
ClientSampled :

PB125420BS

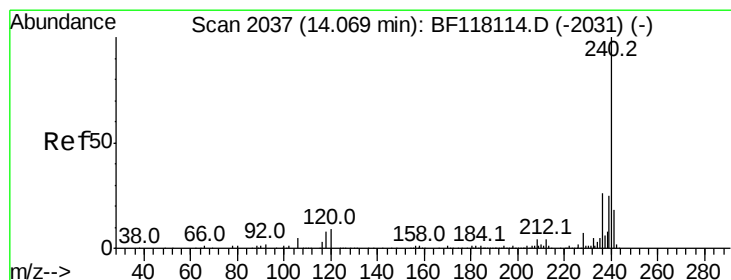
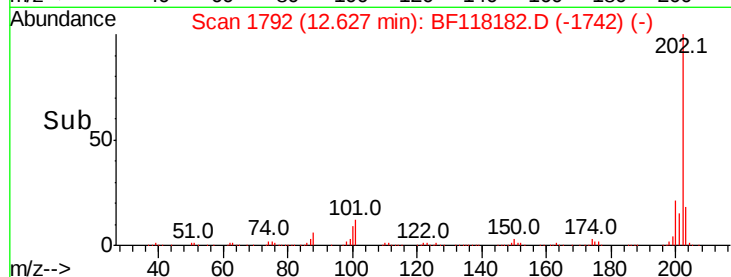
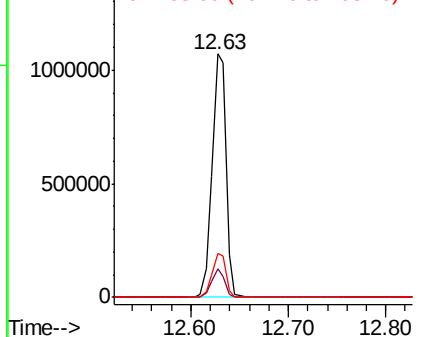
Tot Ion:	202	Resp:	1062313
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	30.4
203	18.3	0.0	37.2

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

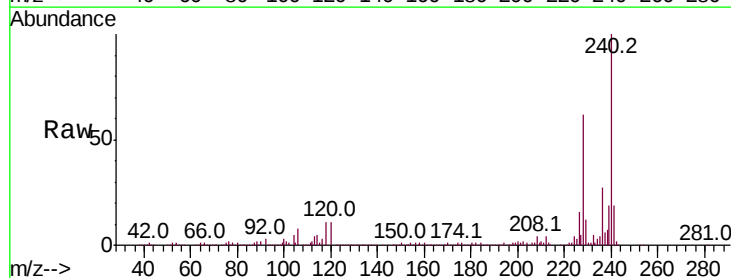
RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

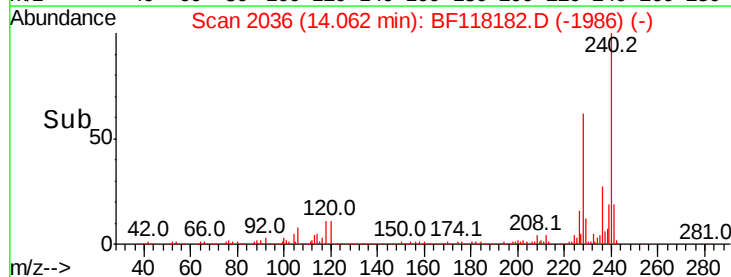
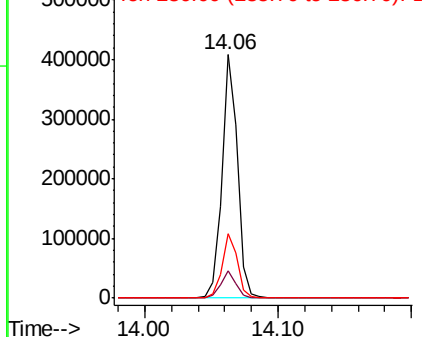
Lab File: BF118182.D

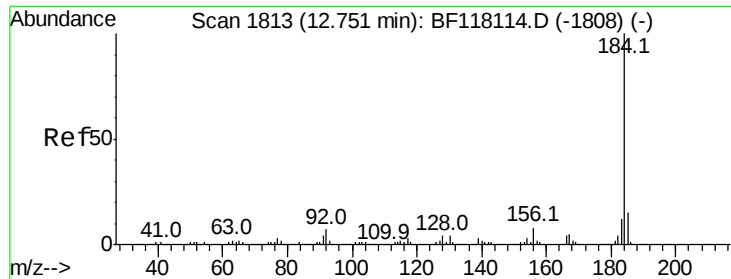
Acq: 13 Dec 2019 13:17

Tgt Ion:	240	Resp:	335109
Ion Ratio	Lower	Upper	
240	100		
120	11.4	7.1	10.7#
236	26.6	21.0	31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.003 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

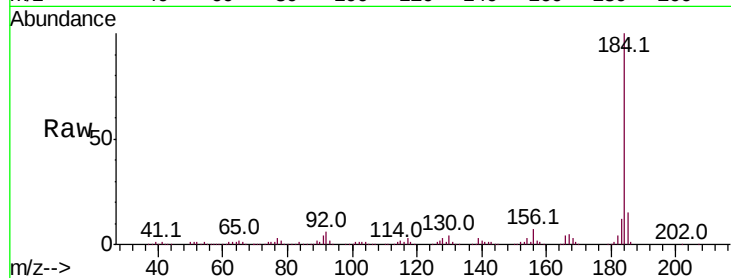
ClientSampleId :

PB125420BS

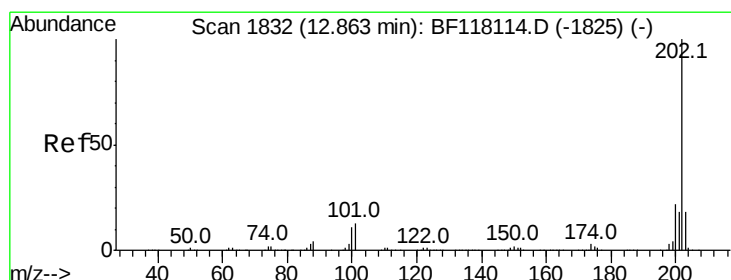
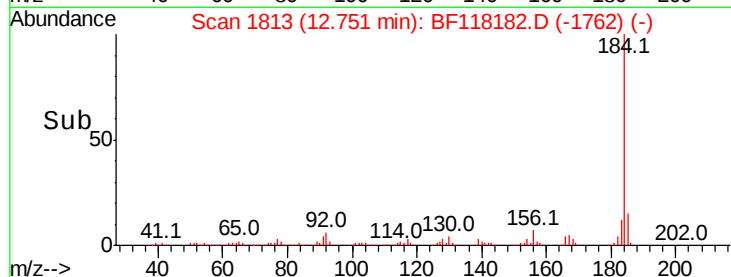
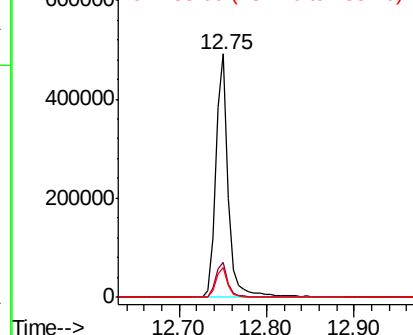
Tot Ion:	184	Resp:	485225
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.3	18.5
183	12.1	9.9	14.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.575 ng

RT: 12.86 min Scan# 1832

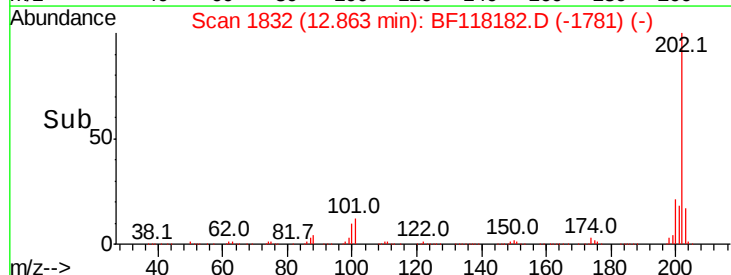
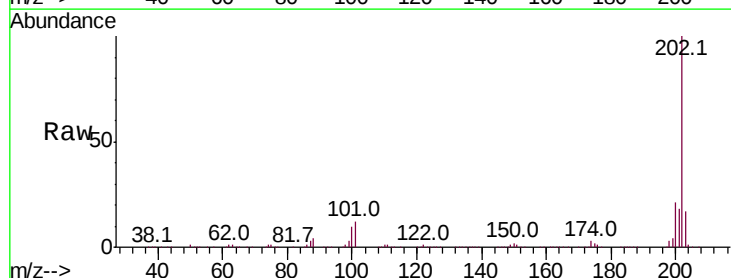
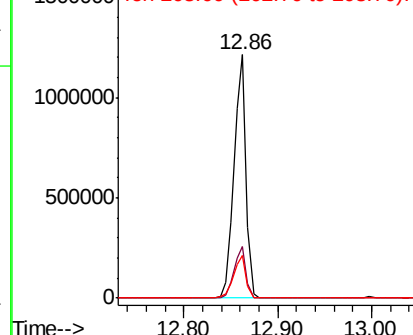
Delta R.T. -0.00 min

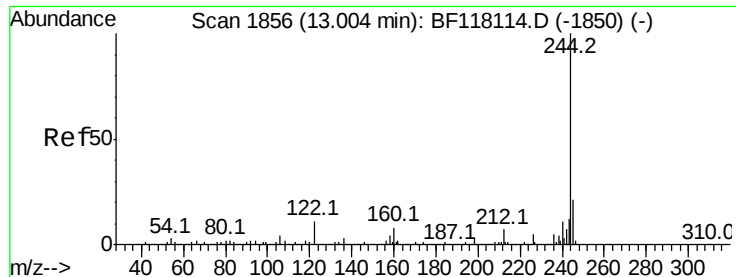
Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Tgt Ion:	202	Resp:	1071517
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.5	26.3
203	17.5	14.6	21.8

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.507 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampleId :

PB125420BS

Tot Ion:244 Resp: 1529881

Ion Ratio Lower Upper

244 100

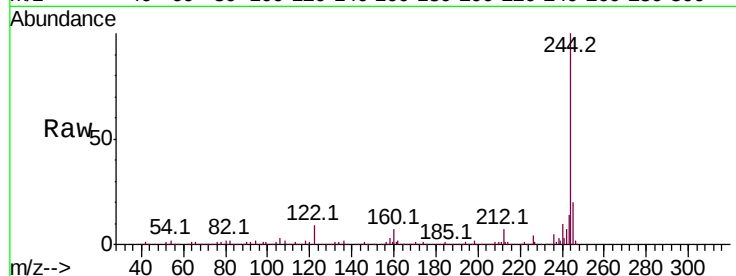
212 6.8 5.9 8.9

122 9.0 9.0 13.6#

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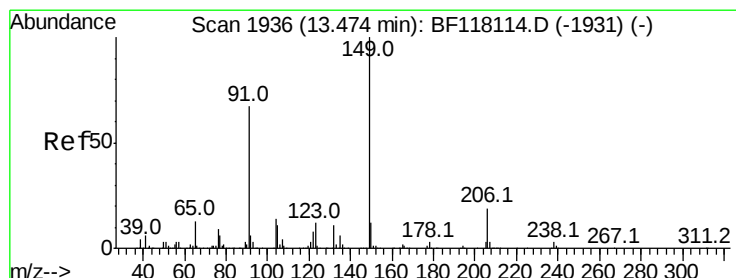
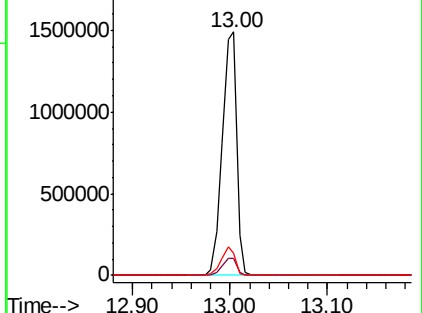
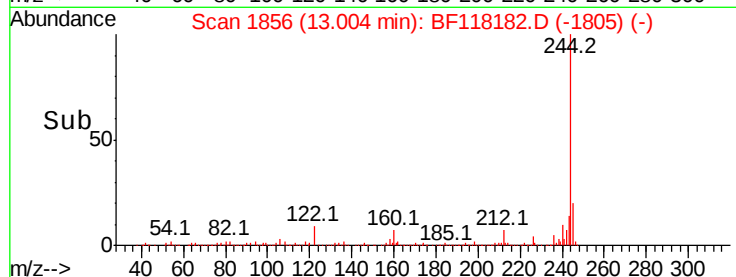
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.856 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

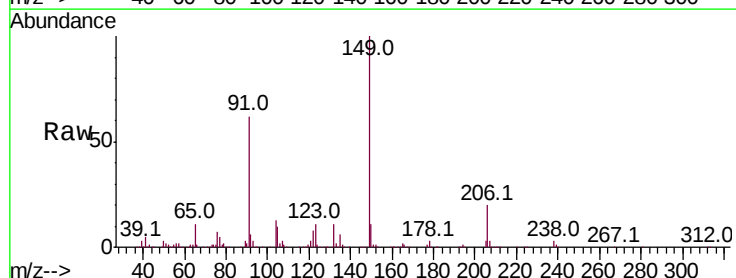
Tgt Ion:149 Resp: 488632

Ion Ratio Lower Upper

149 100

91 62.2 53.9 80.9

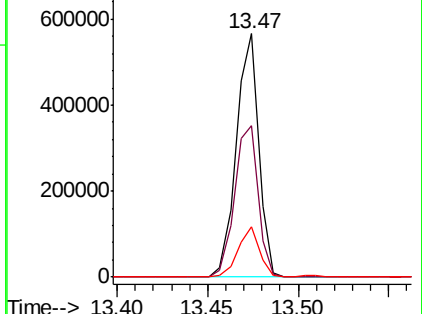
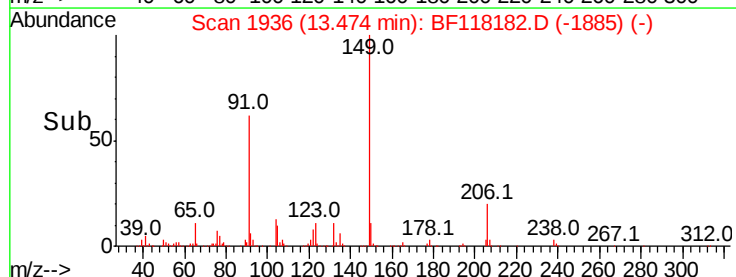
206 20.5 15.2 22.8

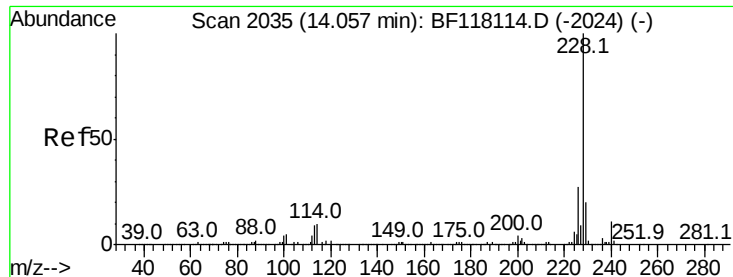


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.537 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

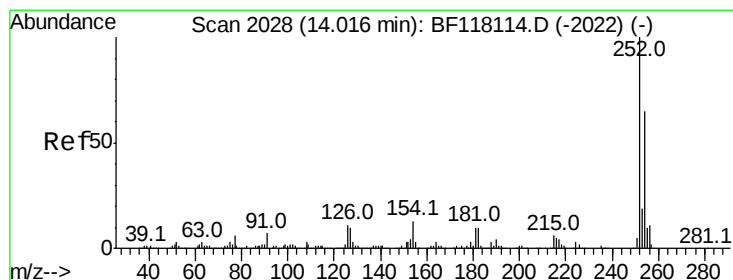
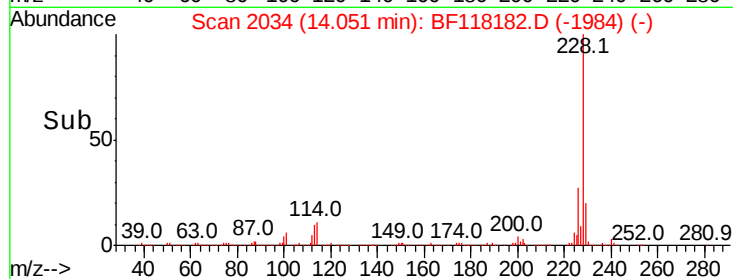
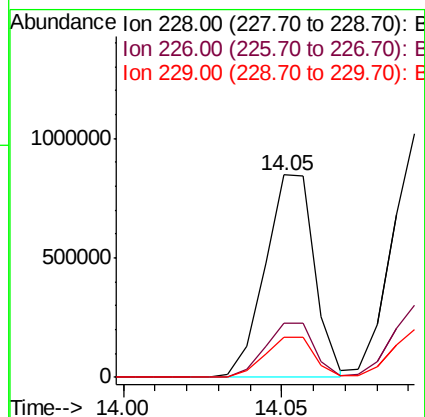
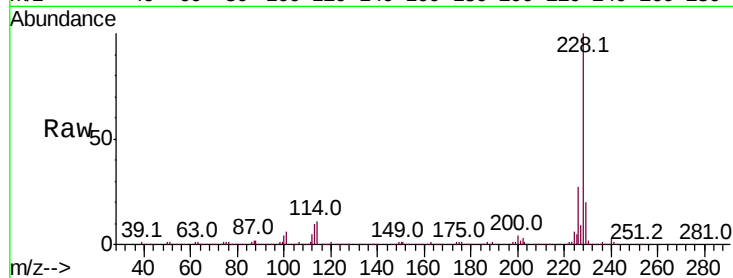
ClientSampleId :

PB125420BS

Tot Ion:	228	Resp:	916138
Ion Ratio	Lower	Upper	
228	100		
226	26.7	21.8	32.8
229	20.1	15.8	23.8

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#82

3,3'-Dichlorobenzidine

Concen: 29.594 ng

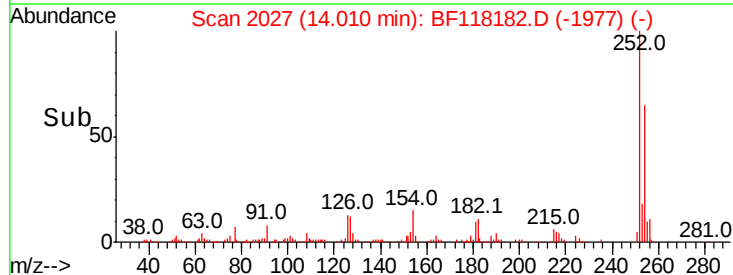
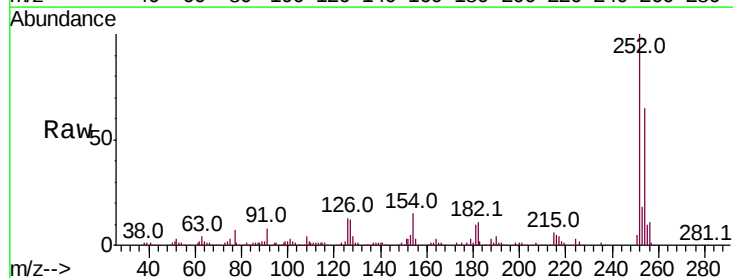
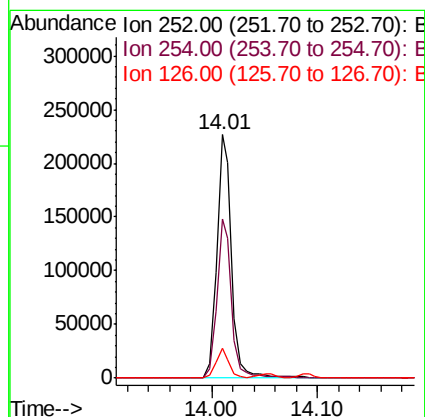
RT: 14.01 min Scan# 2027

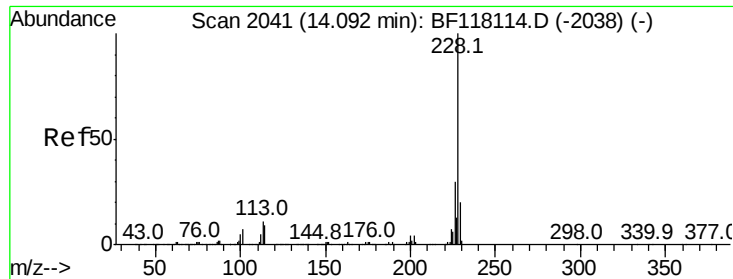
Delta R.T. -0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Tgt Ion:	252	Resp:	225214
Ion Ratio	Lower	Upper	
252	100		
254	65.4	52.2	78.4
126	12.5	8.6	13.0





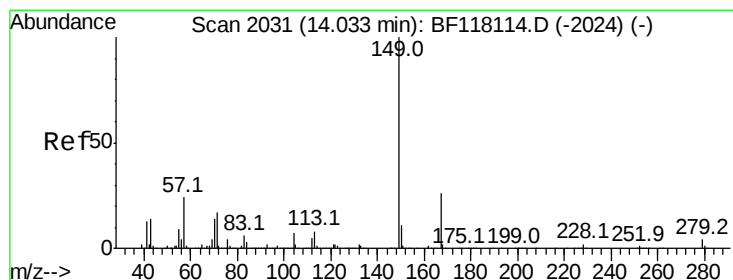
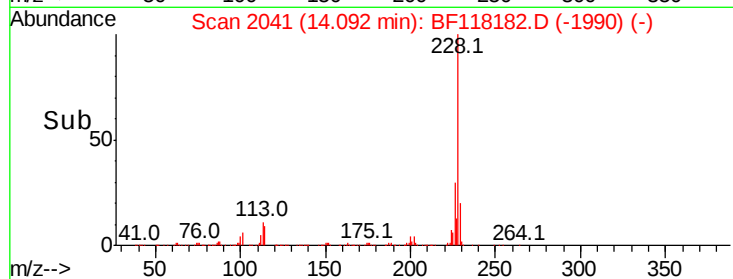
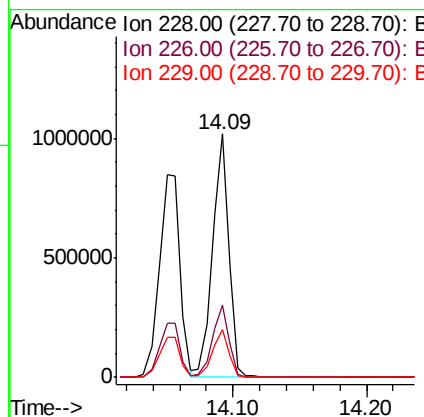
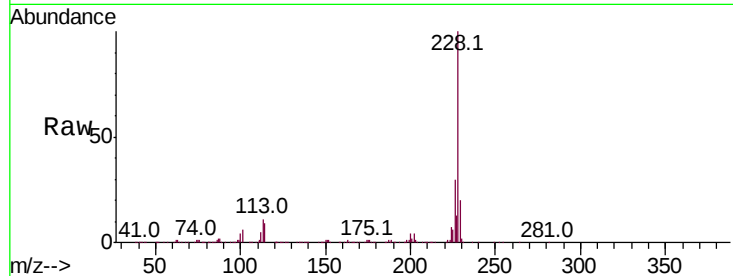
#83
Chrysene
Concen: 39.486 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	873984		
226	29.8		23.8	35.8
229	19.7		15.7	23.5

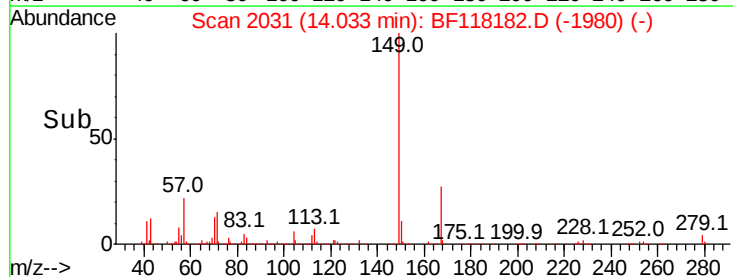
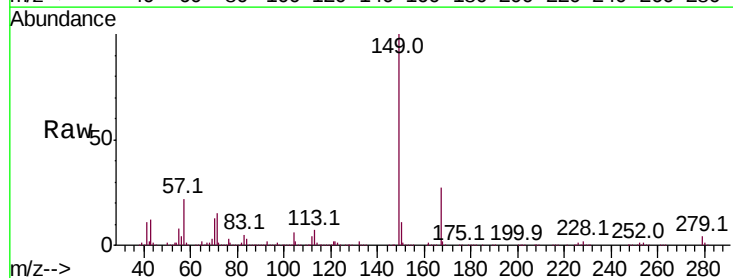
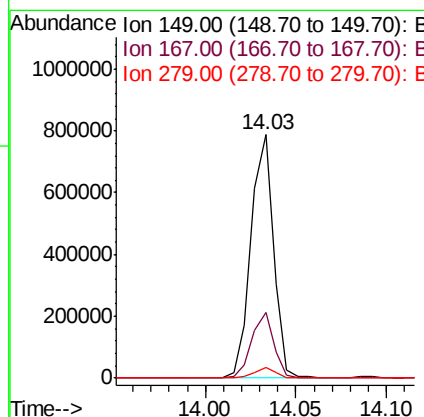
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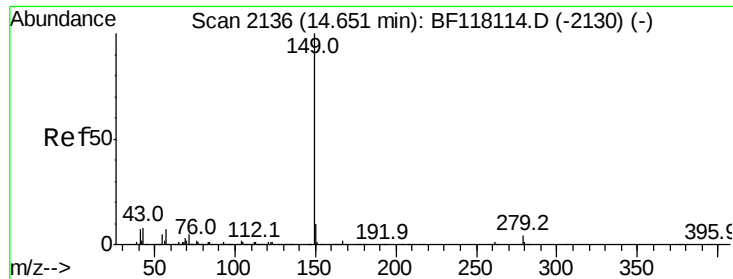
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.355 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	683724		
167	27.0		20.8	31.2
279	4.2		2.9	4.3





#85

Di-n-octyl phthalate

Concen: 43.830 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampled :

PB125420BS

Tot Ion:149 Resp: 1047060

Ion Ratio Lower Upper

149 100

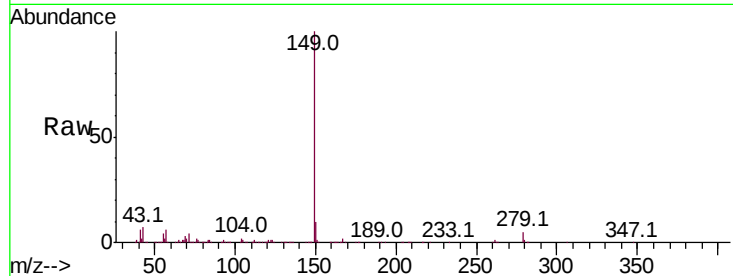
167 1.6 1.3 1.9

43 8.0 6.5 9.7

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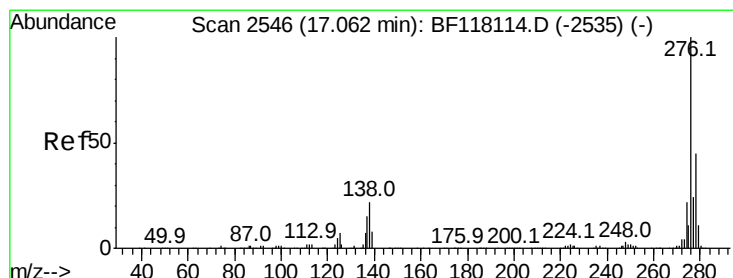
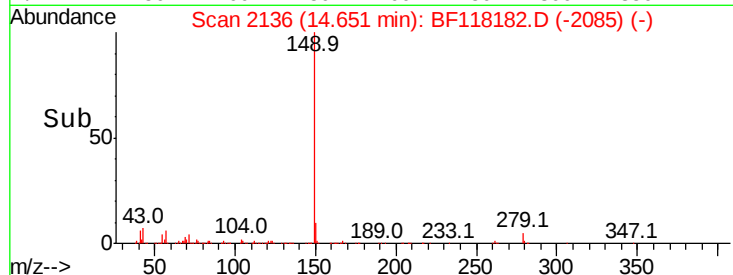
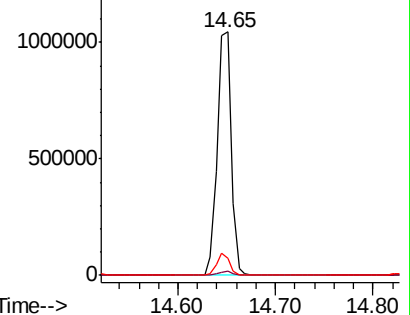
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.256 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

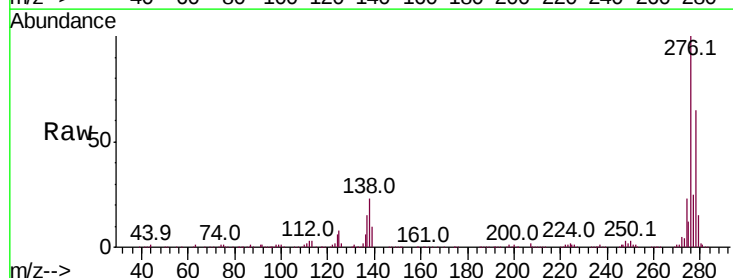
Tgt Ion:276 Resp: 656613

Ion Ratio Lower Upper

276 100

138 23.4 18.9 28.3

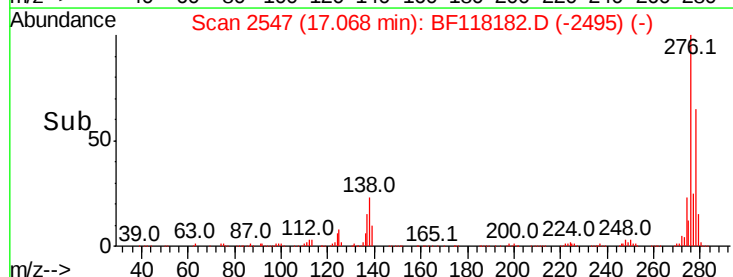
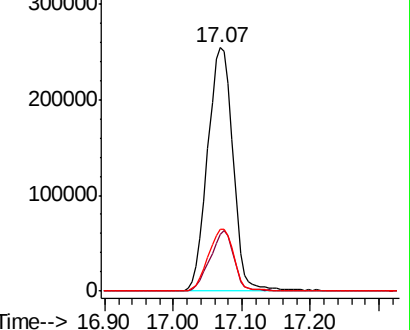
277 25.6 20.4 30.6

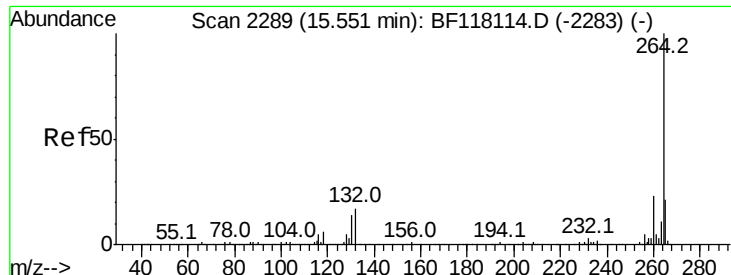


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





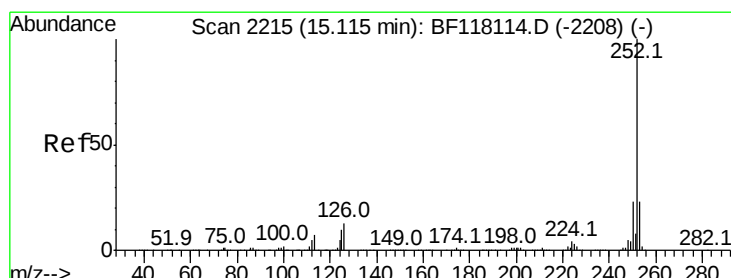
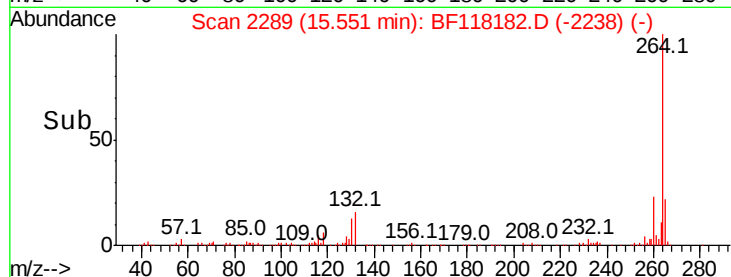
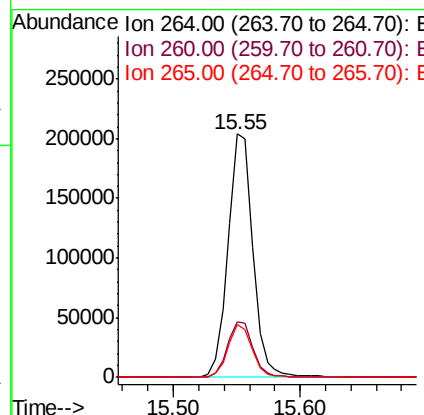
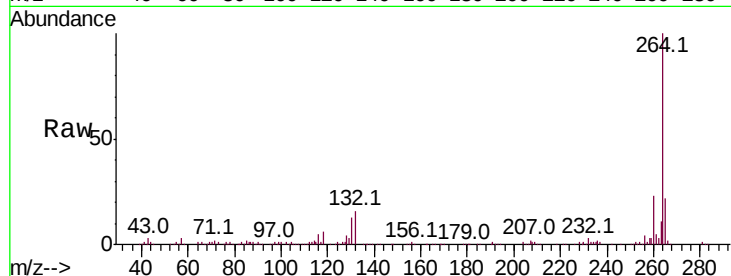
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.5	16.8	25.2

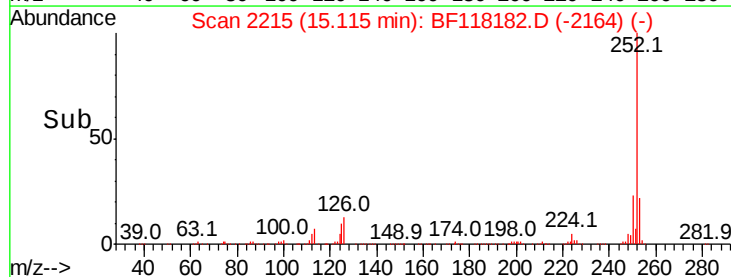
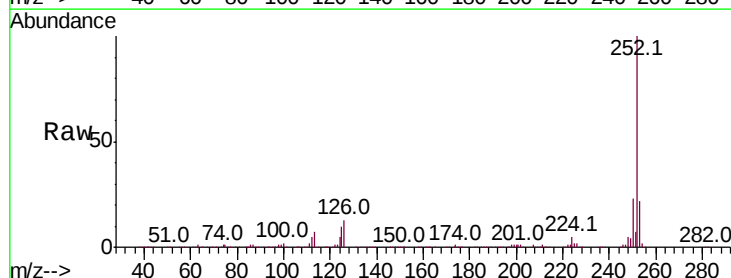
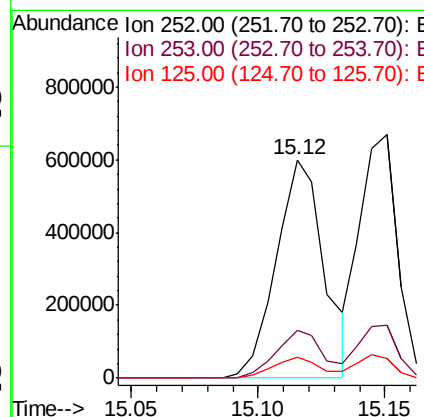
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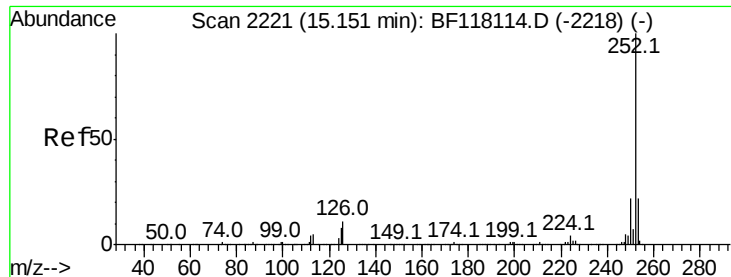
mohammad
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#88
Benzo(b)fluoranthene
Concen: 43.066 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	9.8	8.3	12.5





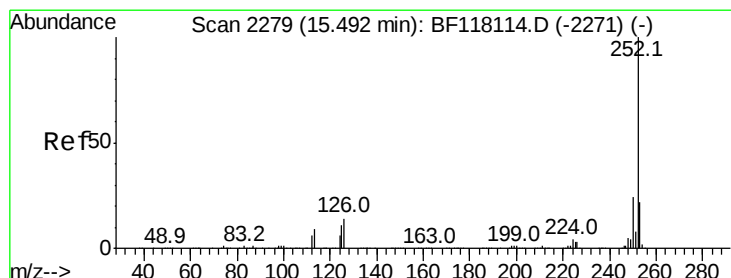
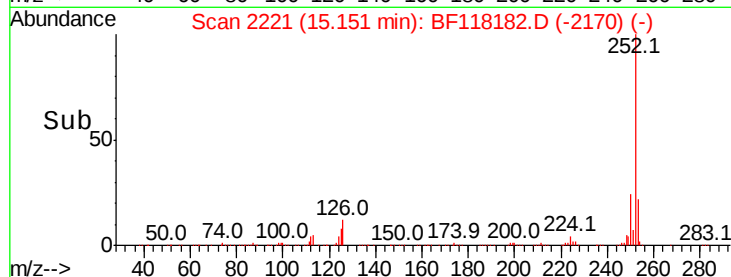
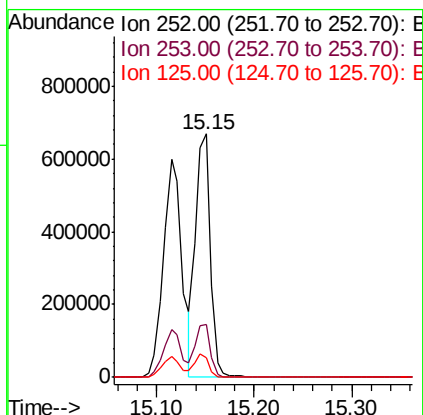
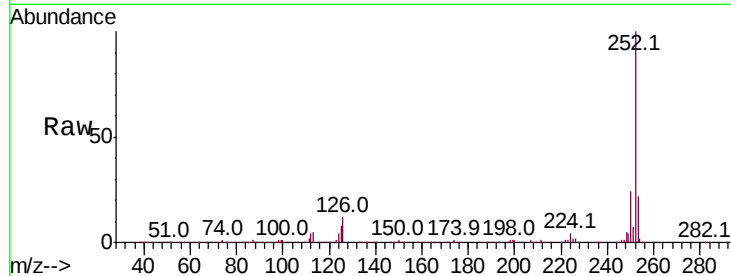
#89
Benzo(k)fluoranthene
Concen: 39.917 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	8.3	6.7	10.1

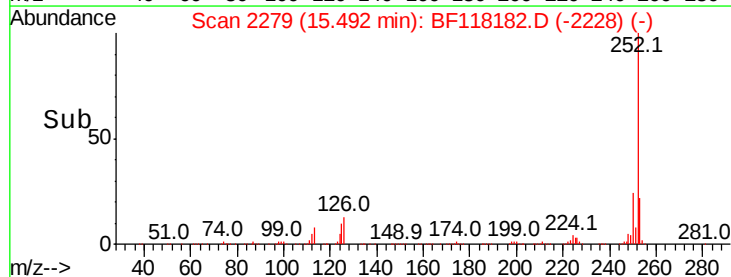
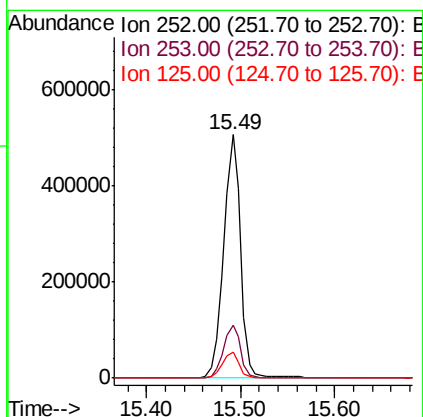
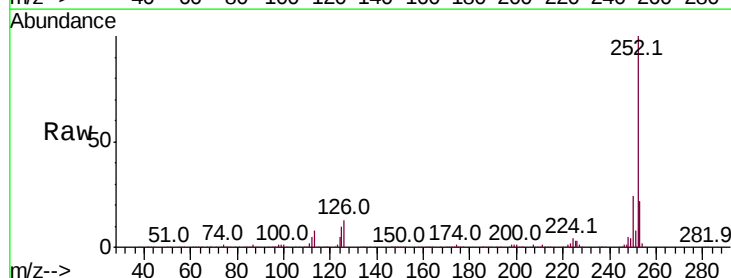
Manual Integrations
APPROVED

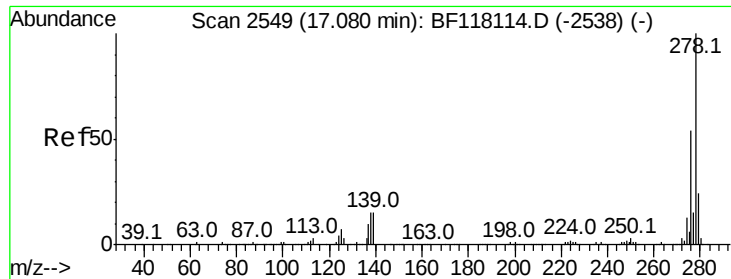
mohammad
12/16/2019 12:25:10 PM



#90
Benzo(a)pyrene
Concen: 39.083 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.5	9.1	13.7





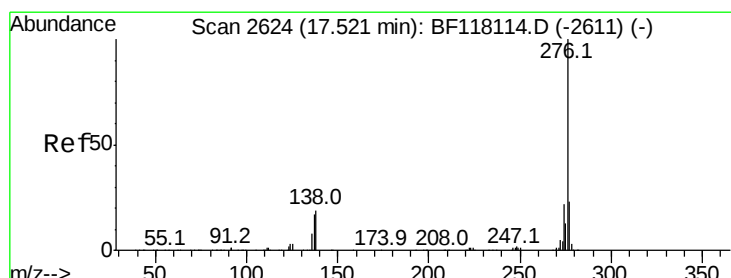
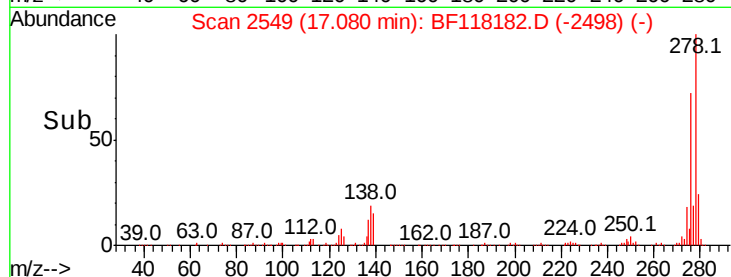
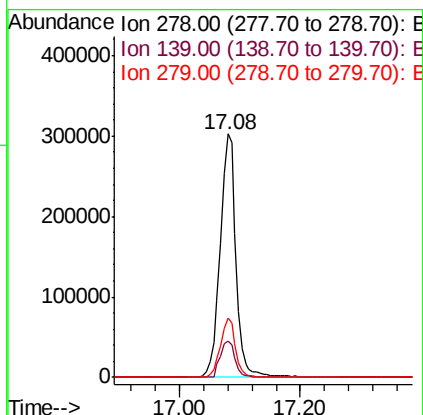
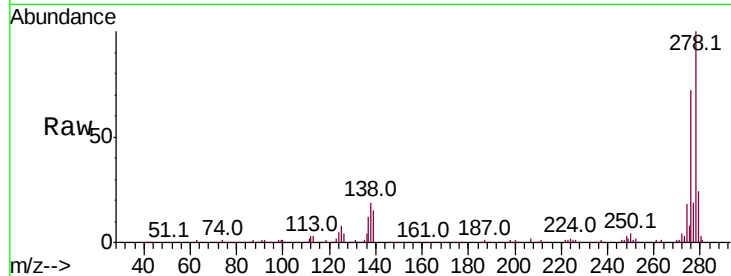
#91
Dibenzo(a,h)anthracene
Concen: 39.383 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :
PB125420BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.7	17.5
279	24.3	19.0	28.4

Manual Integrations
APPROVED

mohammad
12/16/2019 12:25:10 PM



#92
Benzo(g,h,i)perylene
Concen: 38.876 ng
RT: 17.52 min Scan# 2624
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.2	27.4
138	20.2	15.5	23.3

