

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120320\
 Data File : BF122533.D
 Acq On : 3 Dec 2020 12:35
 Operator : JU/CG
 Sample : PB133368BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133368BL

Quant Time: Dec 03 13:10:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

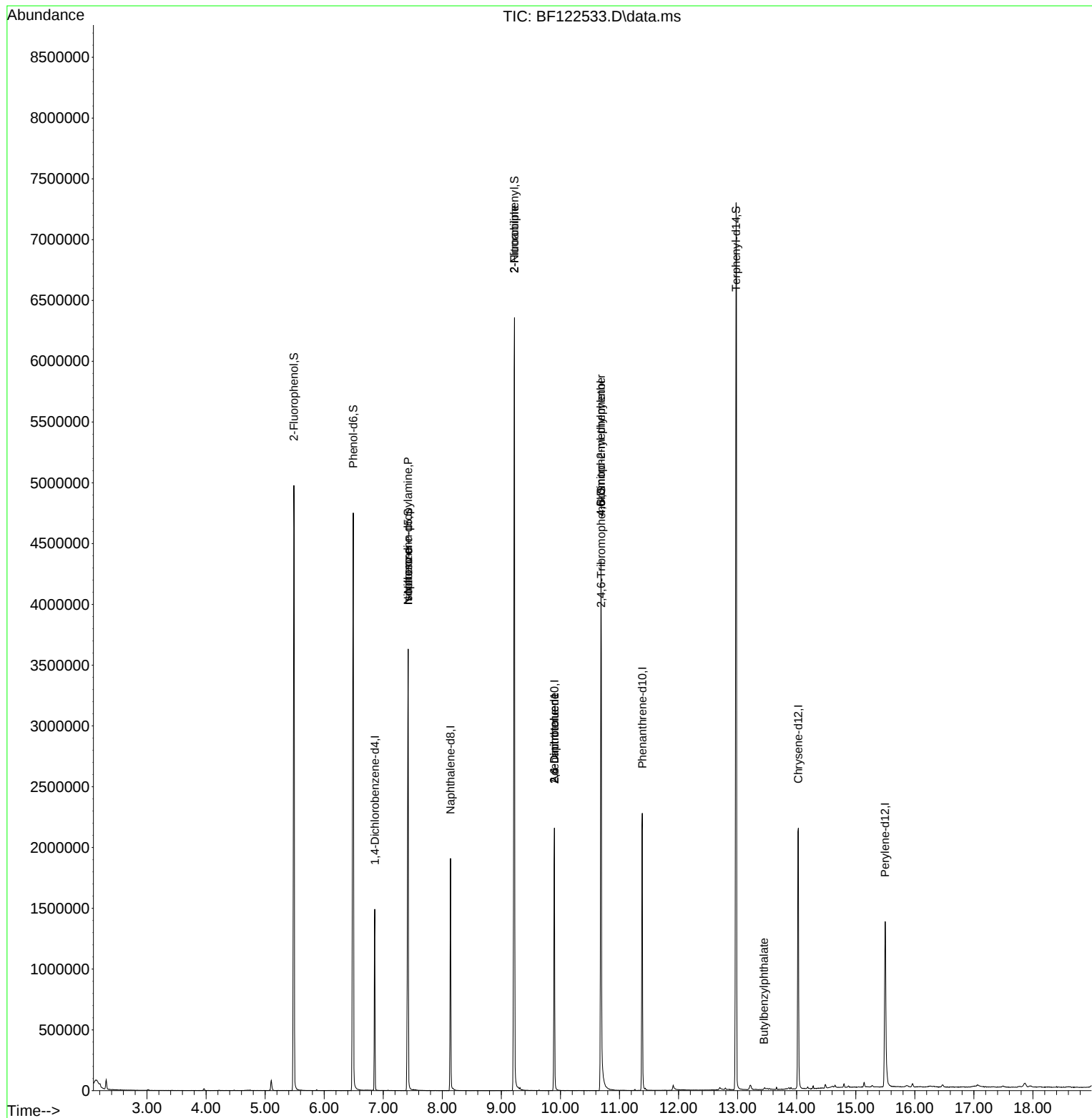
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	220120	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	874924	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	480652	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	916432	20.00	ng	0.00
76) Chrysene-d12	14.027	240	873202	20.00	ng	0.00
86) Perylene-d12	15.498	264	811008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1646905	114.88	ng	0.00
7) Phenol-d6	6.492	99	2089381	111.41	ng	0.00
23) Nitrobenzene-d5	7.422	82	1319029	92.29	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	720641	139.69	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2394810	77.85	ng	0.00
79) Terphenyl-d14	12.974	244	2886965	70.04	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	3016	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	177833	15.87	ng	# 73
25) Isophorone	7.422	82	1301463	40.85	ng	# 67
48) 2-Nitroaniline	9.222	65	3650	5.53	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	60908	11.19	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	60909	10.45	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	1270	6.55	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	44568	4.14	ng	# 1
80) Butylbenzylphthalate	13.445	149	242	3.30	ng	# 21

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

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Quant Time: Dec 03 13:10:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
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QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

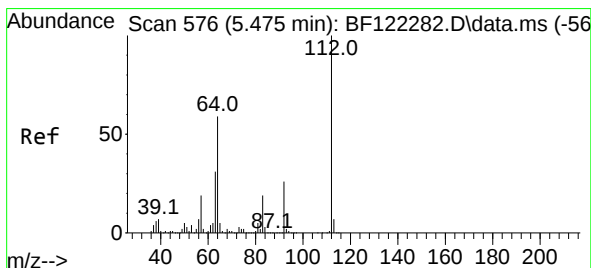
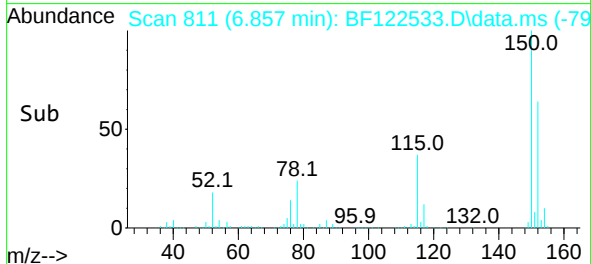
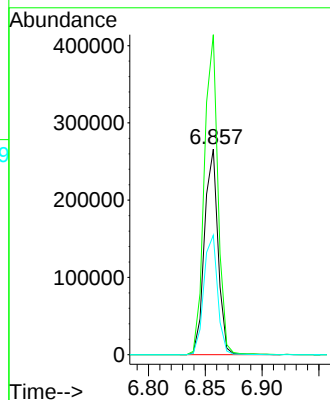
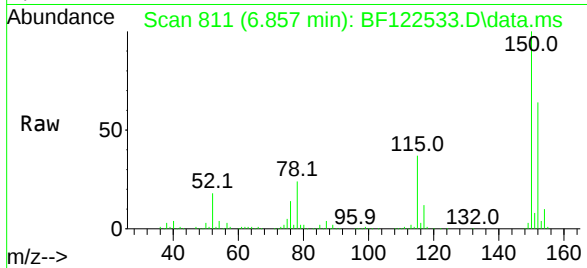




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

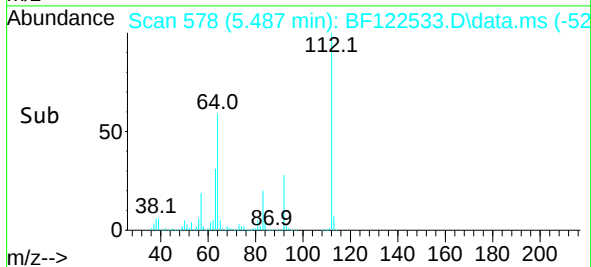
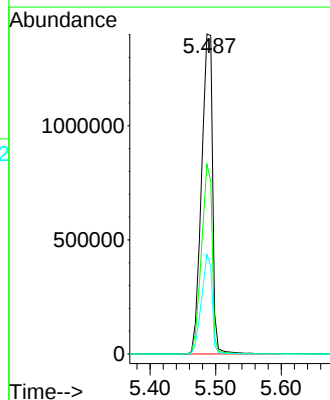
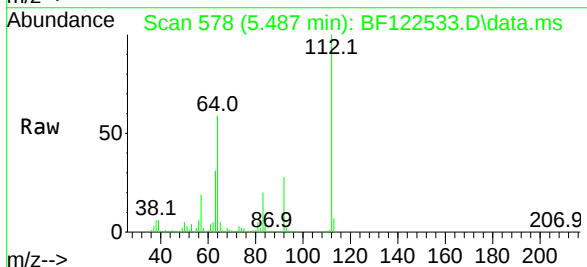
Instrument :
BNA_F
ClientSampleId :
PB133368BL

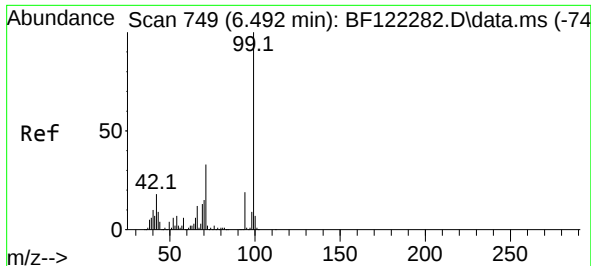
Tgt Ion:152 Resp: 220120
Ion Ratio Lower Upper
152 100
150 155.6 125.3 187.9
115 58.1 51.9 77.9



#5
2-Fluorophenol
Concen: 114.88 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

Tgt Ion:112 Resp: 1646905
Ion Ratio Lower Upper
112 100
64 59.3 50.4 75.6
63 31.0 25.8 38.6



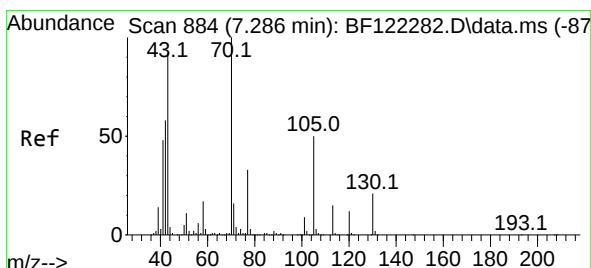
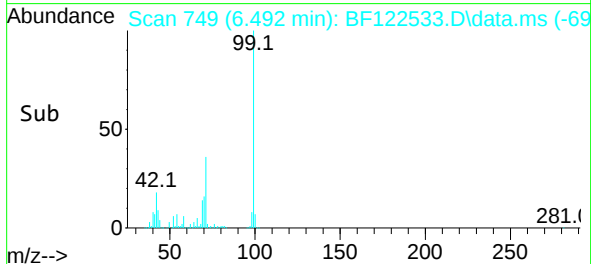
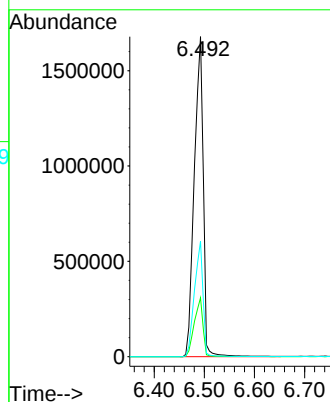
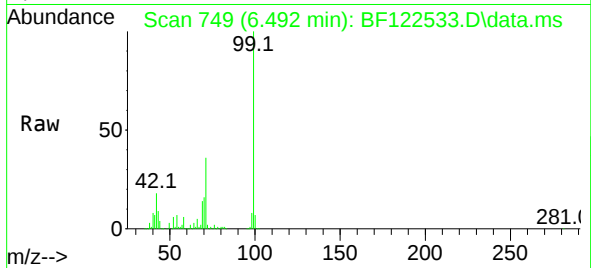


#7
Phenol-d6
Concen: 111.41 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

Instrument :
BNA_F
ClientSampleId :
PB133368BL

Tgt Ion: 99 Resp: 2089381

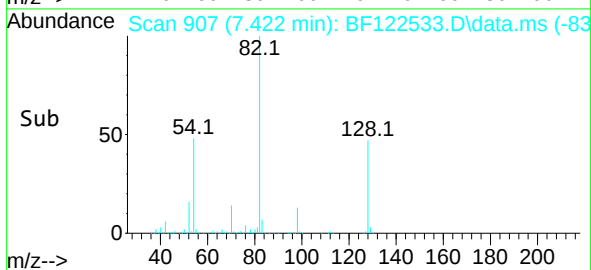
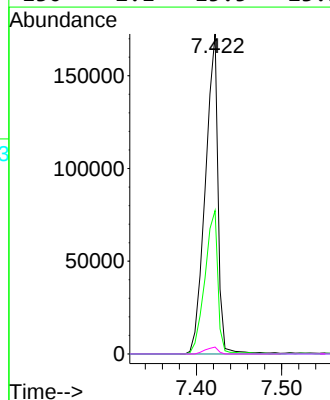
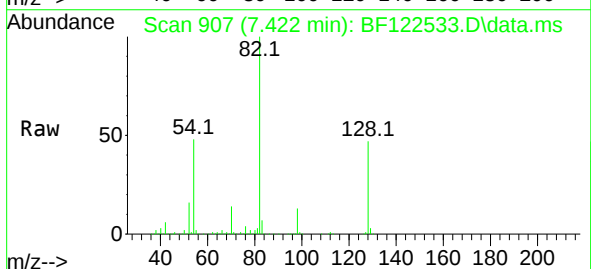
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.9	23.9
71	36.1	27.1	40.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.87 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

Tgt Ion: 70 Resp: 177833

Ion	Ratio	Lower	Upper
70	100		
42	44.8	50.2	75.4#
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



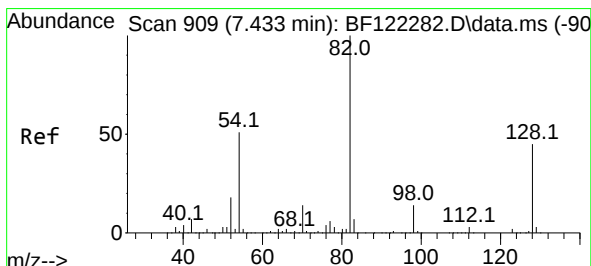
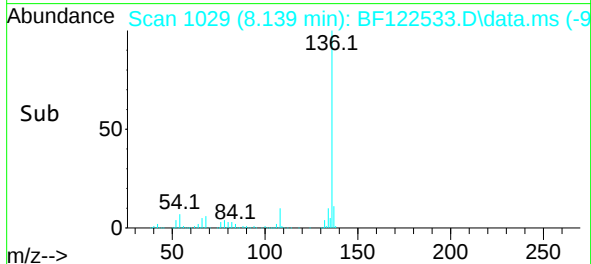
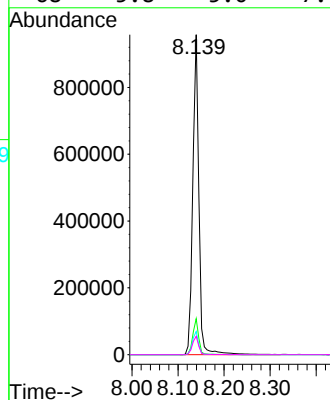
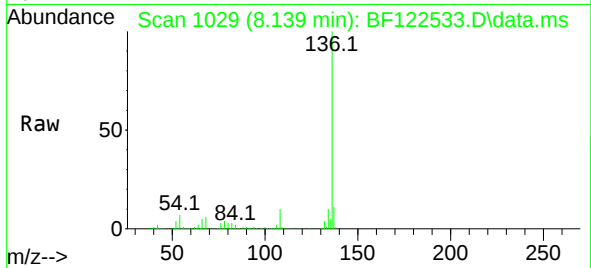


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

Instrument :
BNA_F
ClientSampleId :
PB133368BL

Tgt Ion:136 Resp: 874924

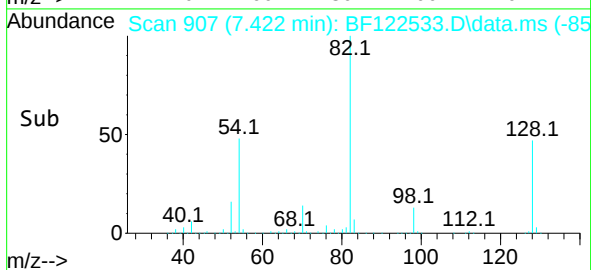
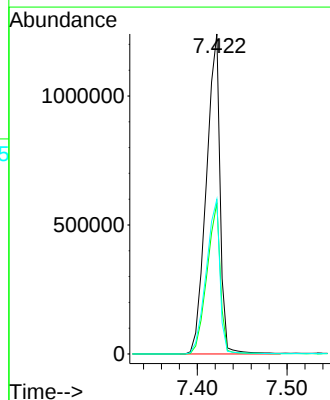
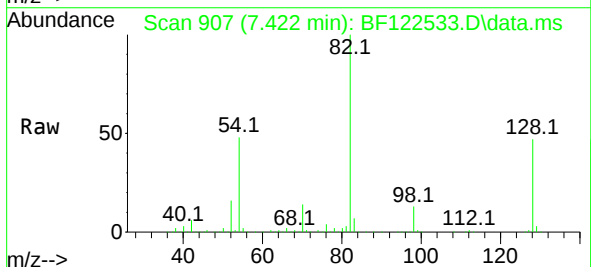
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	7.2	7.1	10.7
68	5.8	5.0	7.4

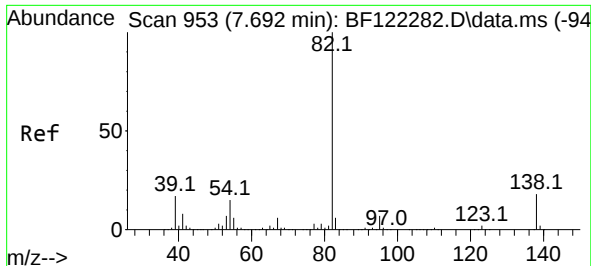


#23
Nitrobenzene-d5
Concen: 92.29 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

Tgt Ion: 82 Resp: 1319029

Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.0	52.4
54	48.3	43.9	65.9

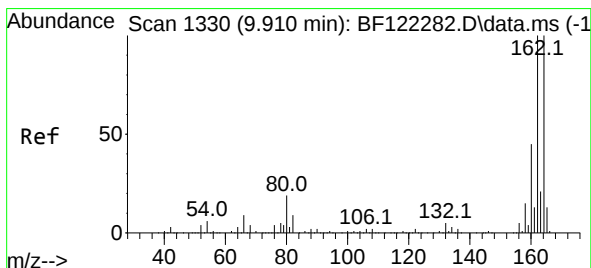
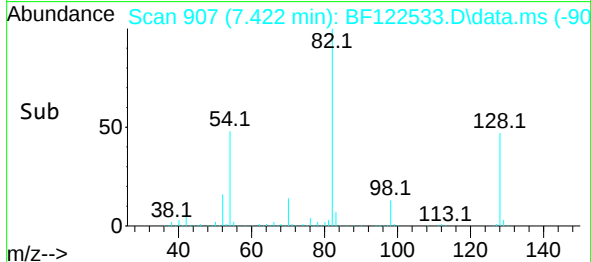
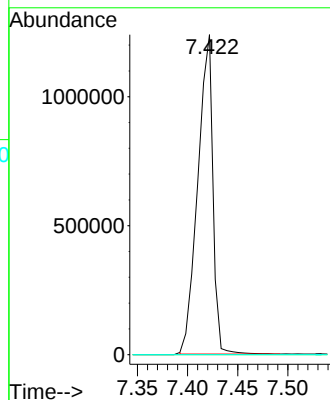
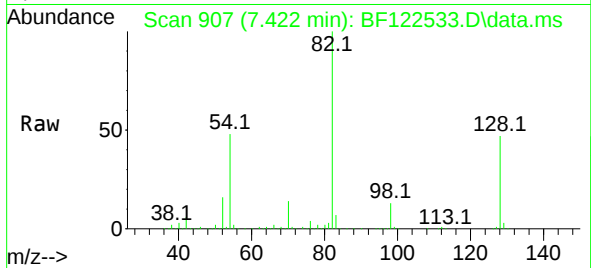




#25
Isophorone
Concen: 40.85 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

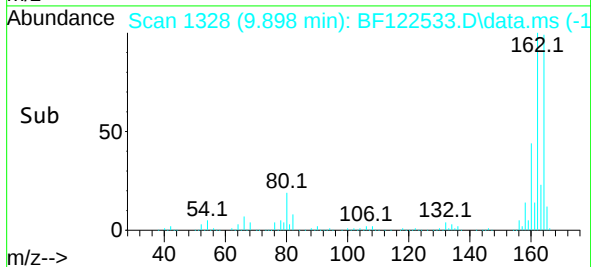
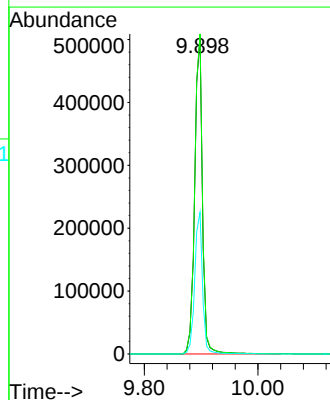
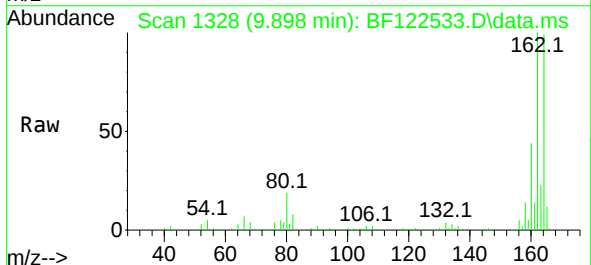
Instrument :
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ClientSampleId :
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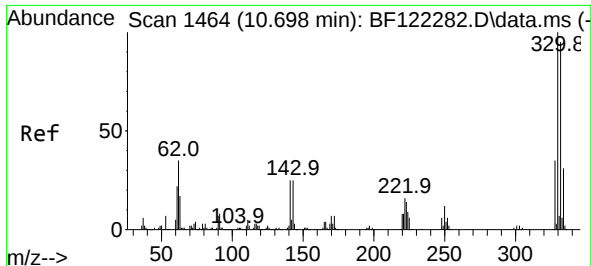
Tgt Ion: 82 Resp: 1301463
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

Tgt Ion:164 Resp: 480652
Ion Ratio Lower Upper
164 100
162 101.0 83.2 124.8
160 44.7 37.5 56.3

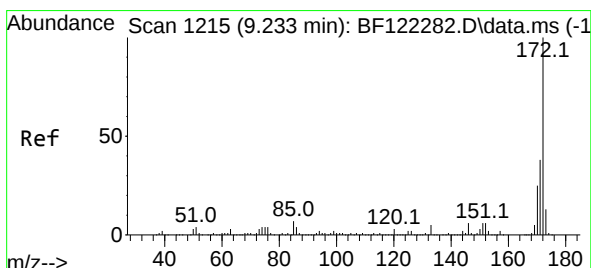
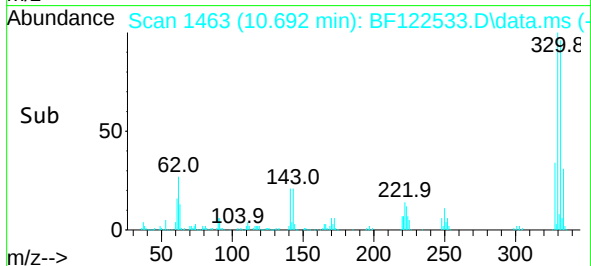
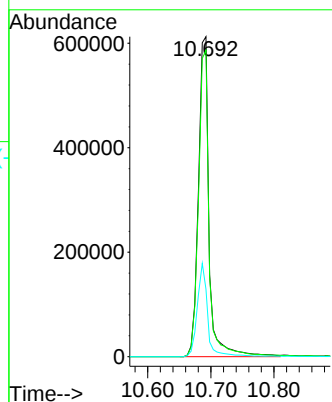
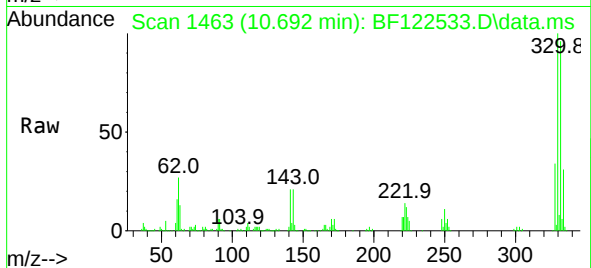




#42
2,4,6-Tribromophenol
Concen: 139.69 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

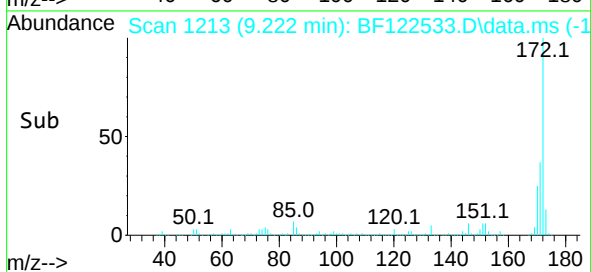
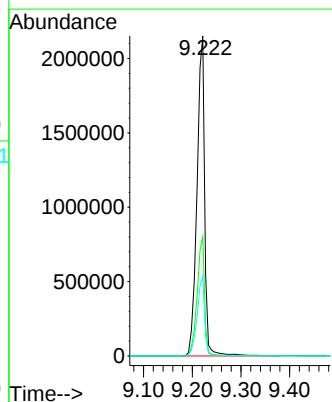
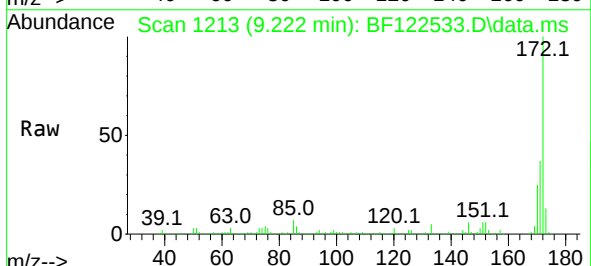
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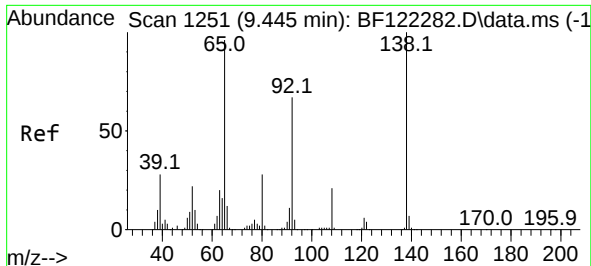
Tgt Ion: 330 Resp: 720641
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 28.6 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 77.85 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

Tgt Ion: 172 Resp: 2394810
Ion Ratio Lower Upper
172 100
171 37.2 29.1 43.7
170 25.0 19.8 29.6

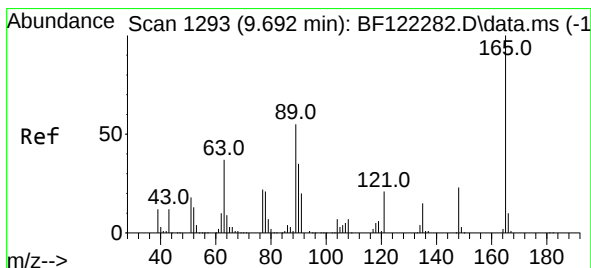
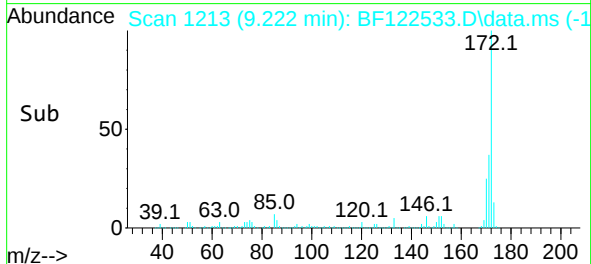
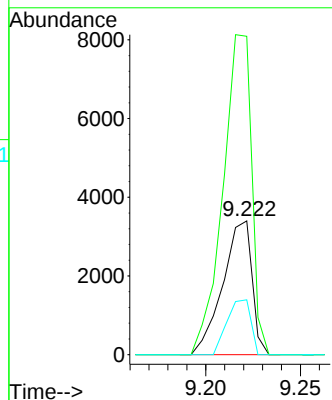
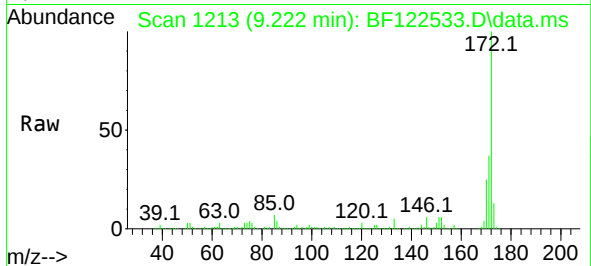




#48
2-Nitroaniline
Concen: 5.53 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.224 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

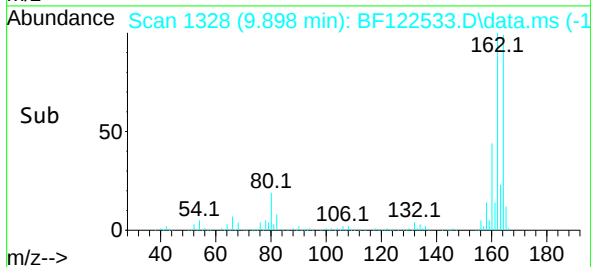
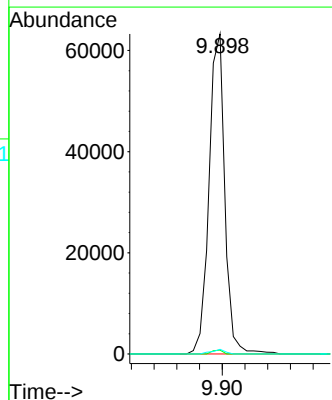
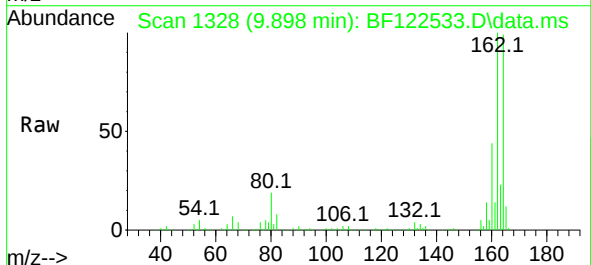
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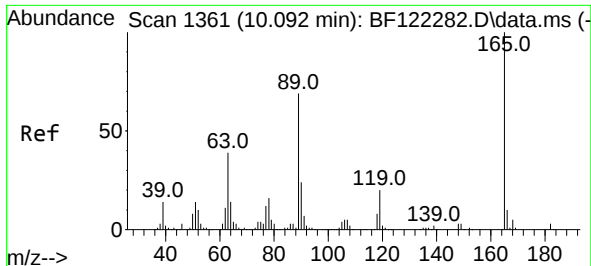
Tgt Ion: 65 Resp: 3650
Ion Ratio Lower Upper
65 100
92 238.1 55.1 82.7#
138 41.1 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 11.19 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

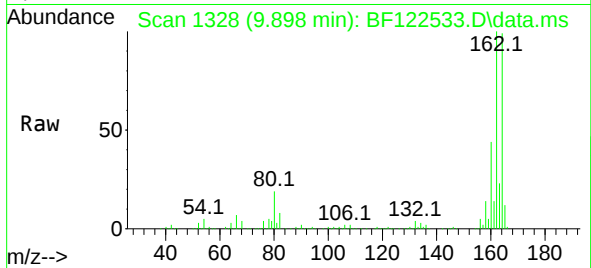
Tgt Ion: 165 Resp: 60908
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.4 49.0 73.6#



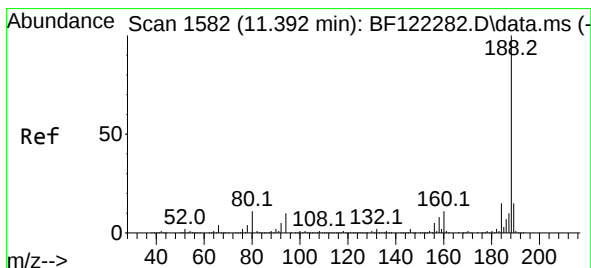
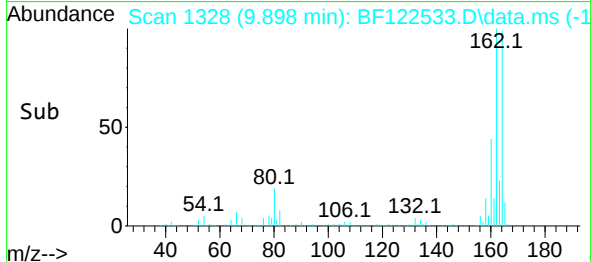
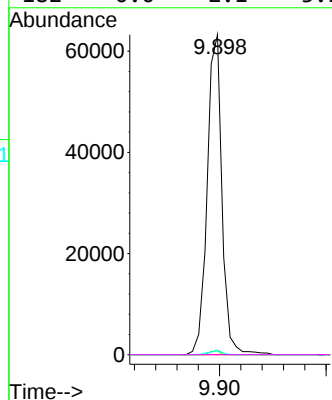


#57
2,4-Dinitrotoluene
Concen: 10.45 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

Instrument :
BNA_F
ClientSampleId :
PB133368BL

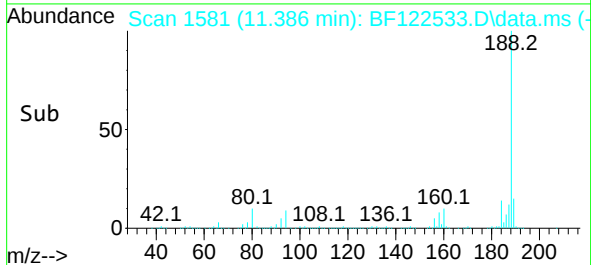
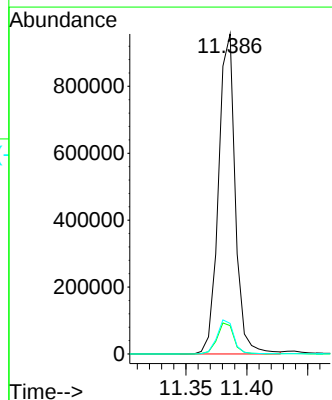
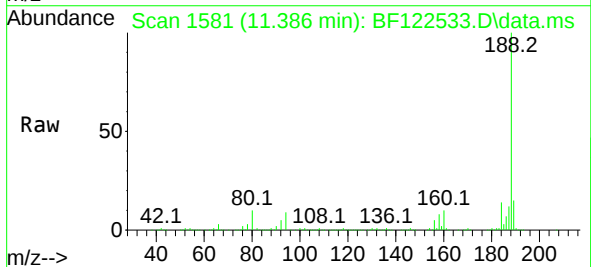


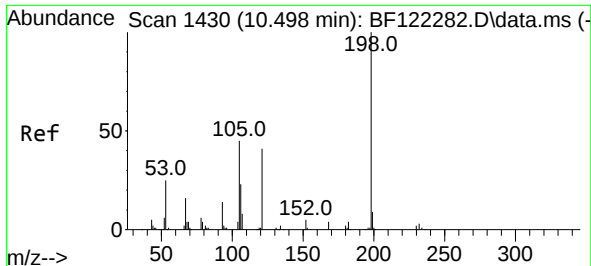
Tgt Ion:165 Resp: 60909
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

Tgt Ion:188 Resp: 916432
Ion Ratio Lower Upper
188 100
94 8.9 8.3 12.5
80 9.6 9.1 13.7

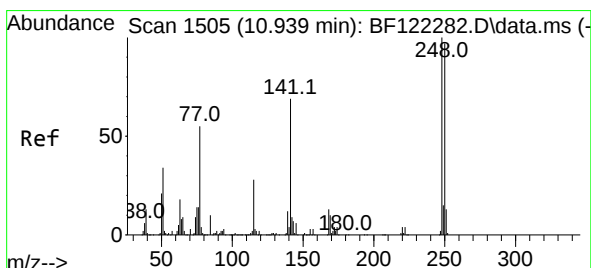
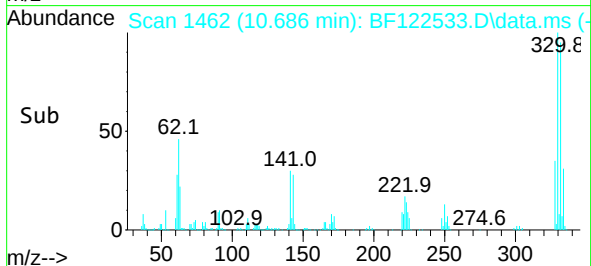
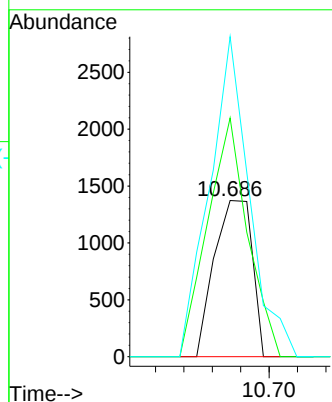
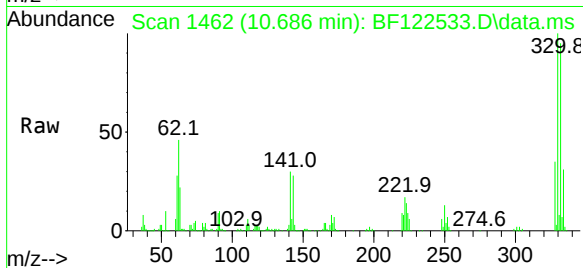




#65
4,6-Dinitro-2-methylphenol
Concen: 6.55 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

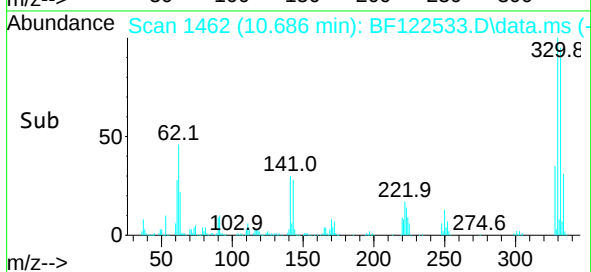
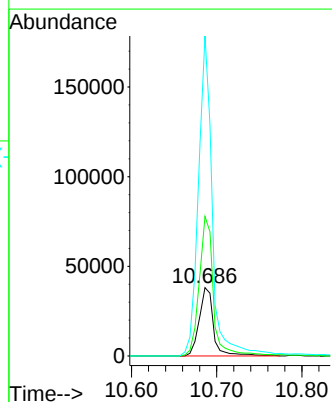
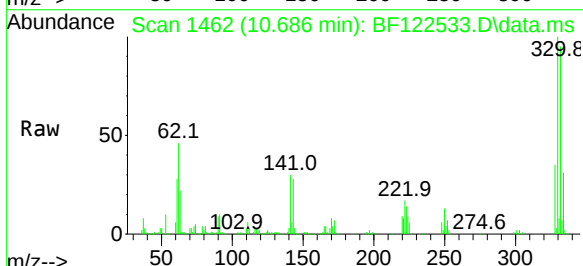
Instrument :
BNA_F
ClientSampleId :
PB133368BL

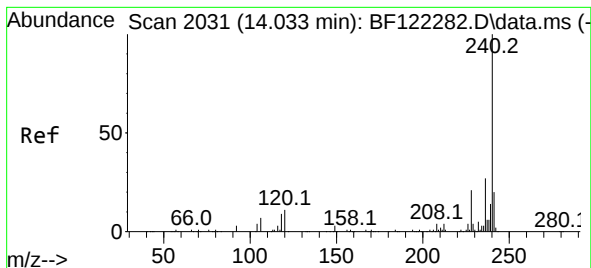
Tgt Ion:198 Resp: 1270
Ion Ratio Lower Upper
198 100
51 152.8 29.6 69.6#
105 204.9 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

Tgt Ion:248 Resp: 44568
Ion Ratio Lower Upper
248 100
250 204.4 77.0 115.6#
141 468.6 53.7 80.5#

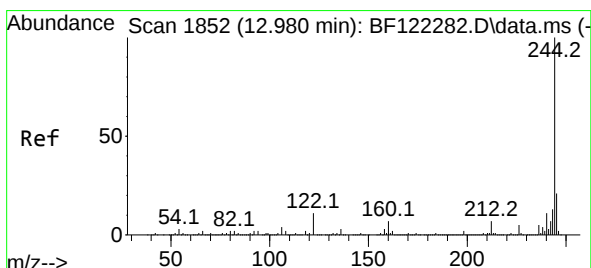
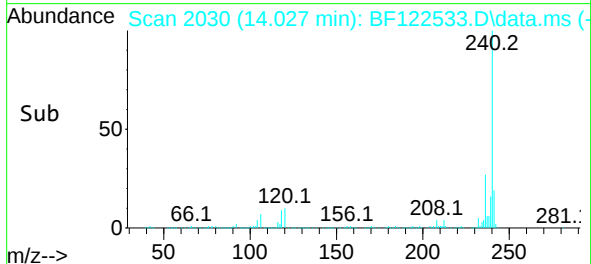
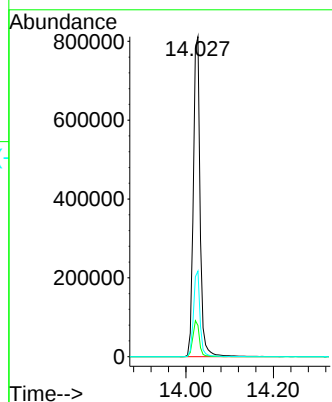
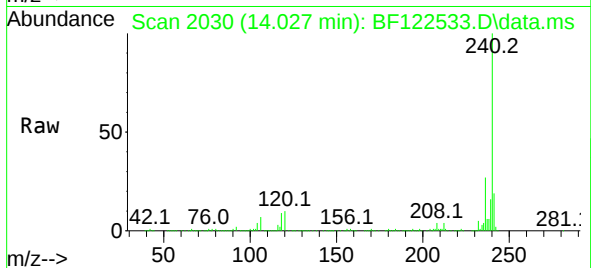




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

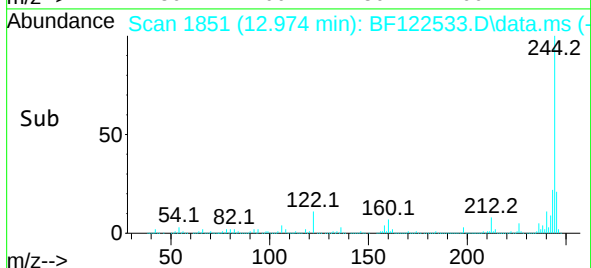
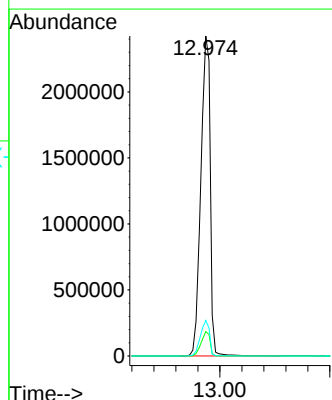
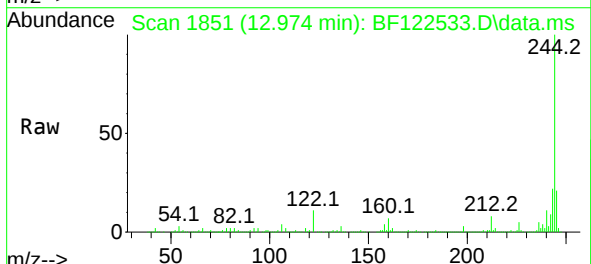
Instrument :
BNA_F
ClientSampleId :
PB133368BL

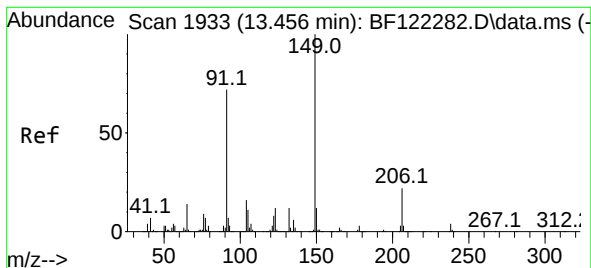
Tgt Ion:240 Resp: 873202
Ion Ratio Lower Upper
240 100
120 9.7 9.2 13.8
236 26.7 20.9 31.3



#79
Terphenyl-d14
Concen: 70.04 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

Tgt Ion:244 Resp: 2886965
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 11.1 8.1 12.1

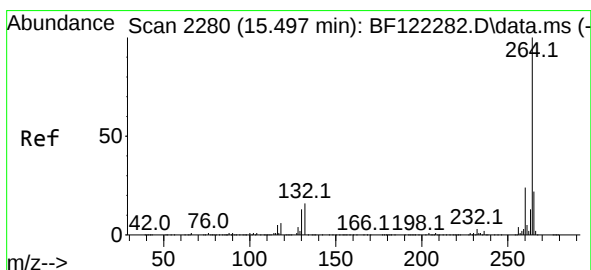
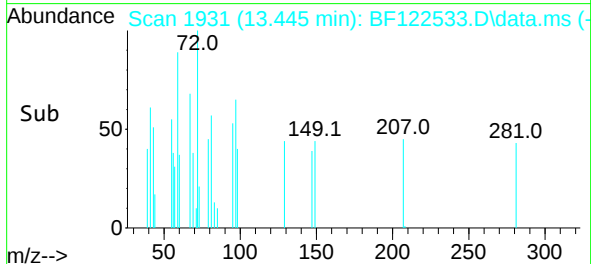
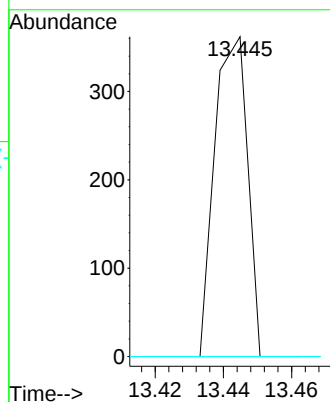
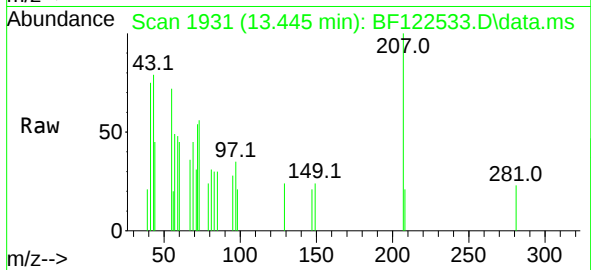




#80
Butylbenzylphthalate
Concen: 3.30 ng
RT: 13.445 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

Instrument :
BNA_F
ClientSampleId :
PB133368BL

Tgt Ion:149 Resp: 242
Ion Ratio Lower Upper
149 100
91 0.0 61.0 91.4#
206 0.0 16.7 25.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BF122533.D
Acq: 3 Dec 2020 12:35

Tgt Ion:264 Resp: 811008
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 22.1 17.3 25.9

