

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
 Data File : BF122541.D
 Acq On : 4 Dec 2020 12:16
 Operator : JU/CG
 Sample : PB133400BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133400BL

Quant Time: Dec 04 12:56:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 04 12:52:10 2020
 Response via : Initial Calibration

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

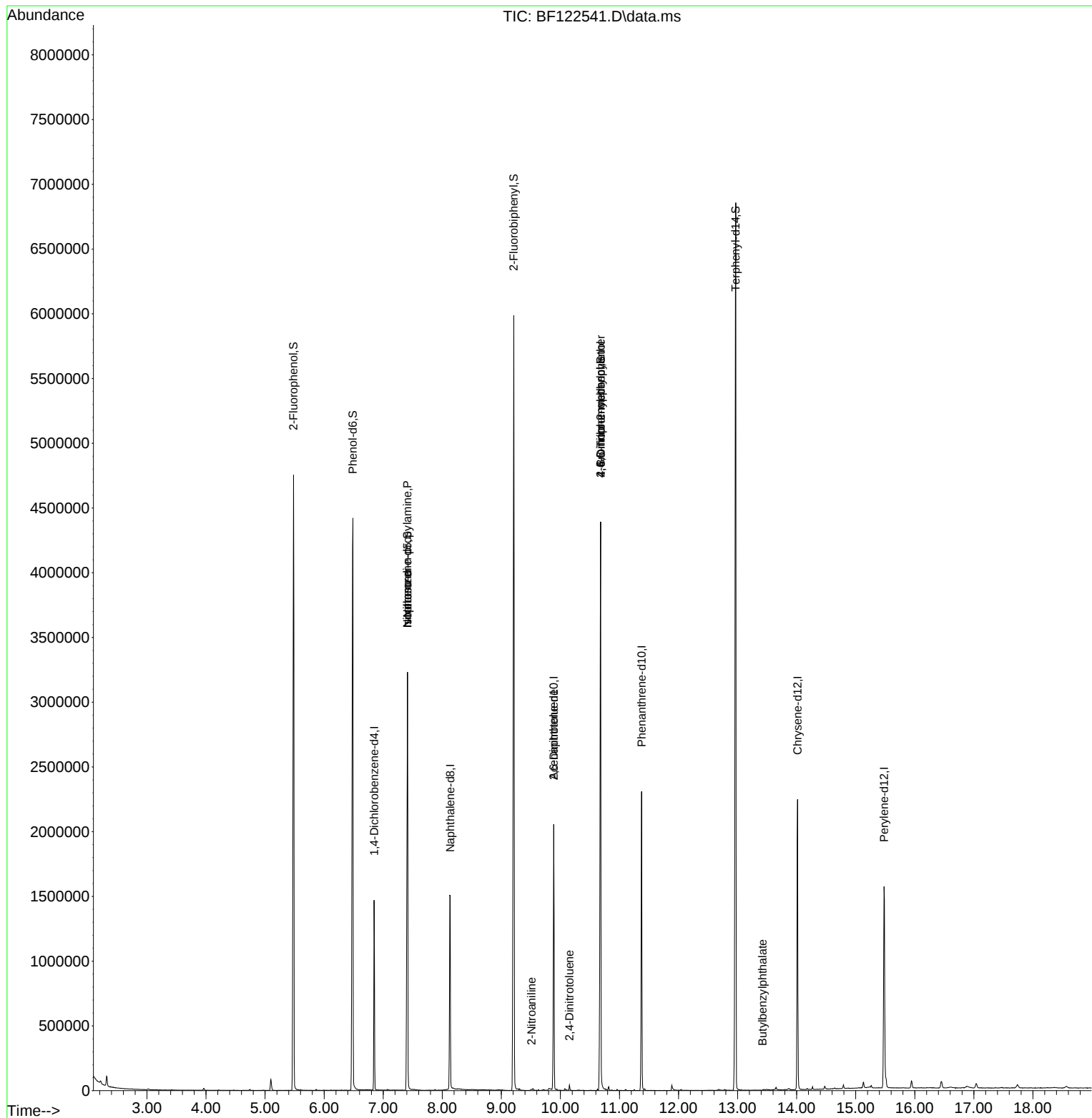
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	204132	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	807769	20.00	ng	# 0.00
39) Acenaphthene-d10	9.886	164	435120	20.00	ng	0.00
64) Phenanthrene-d10	11.375	188	838476	20.00	ng	0.00
76) Chrysene-d12	14.016	240	790027	20.00	ng	0.00
86) Perylene-d12	15.480	264	774376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1545727	116.27	ng	0.01
7) Phenol-d6	6.487	99	1909095	109.77	ng	0.00
23) Nitrobenzene-d5	7.410	82	1220660	92.51	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	650001	139.18	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2272162	81.59	ng	0.00
79) Terphenyl-d14	12.969	244	2634292	70.64	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	3069	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.410	70	164454	15.82	ng	# 75
25) Isophorone	7.410	82	1197552	40.71	ng	# 67
48) 2-Nitroaniline	9.510	65	642	5.24	ng	# 6
51) 2,6-Dinitrotoluene	9.886	165	56720	11.40	ng	# 21
57) 2,4-Dinitrotoluene	10.151	165	4261	5.16	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.680	198	1228	6.57	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	40893	4.15	ng	# 1
80) Butylbenzylphthalate	13.421	149	147	3.29	ng	# 71

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 12:52:10 2020
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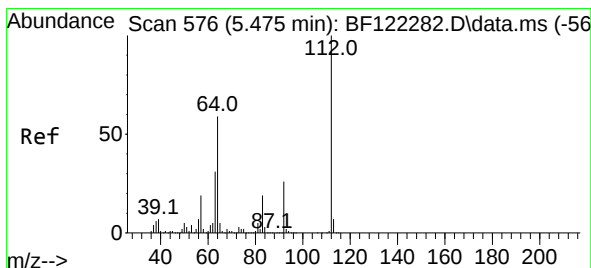
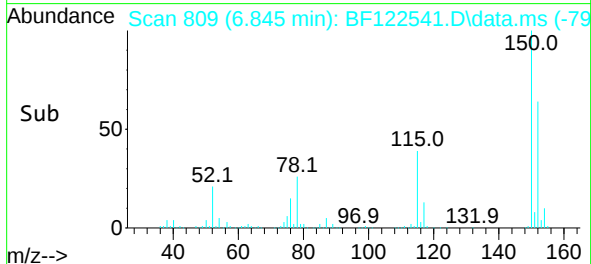
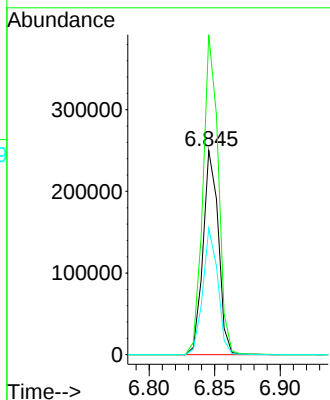
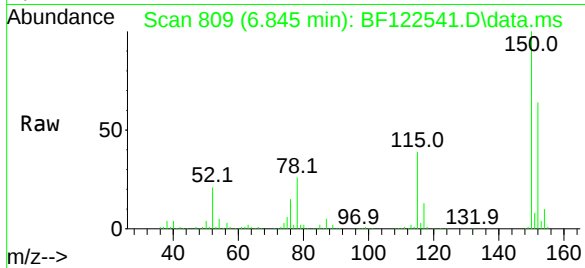




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

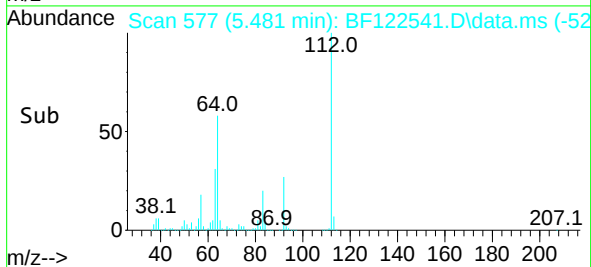
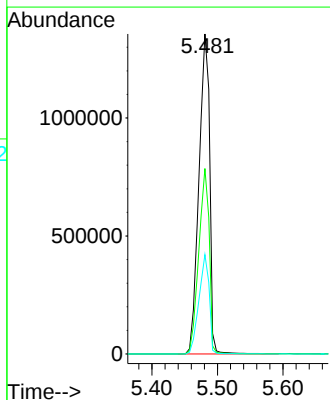
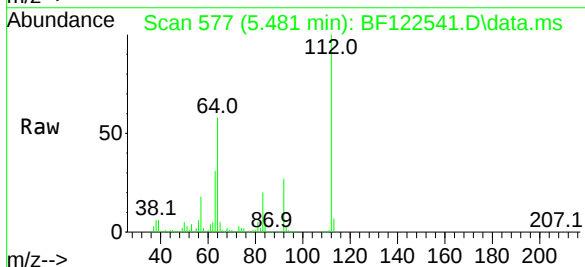
Instrument :
BNA_F
ClientSampleId :
PB133400BL

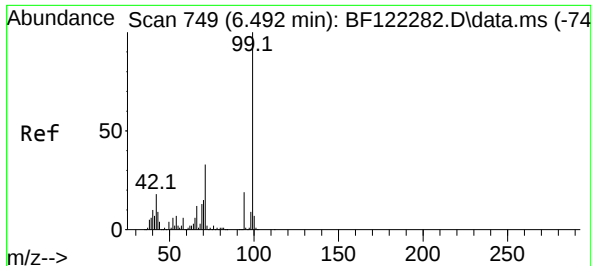
Tgt Ion:152 Resp: 204132
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 61.9 51.9 77.9



#5
2-Fluorophenol
Concen: 116.27 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.012 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

Tgt Ion:112 Resp: 1545727
Ion Ratio Lower Upper
112 100
64 58.0 50.4 75.6
63 31.0 25.8 38.6

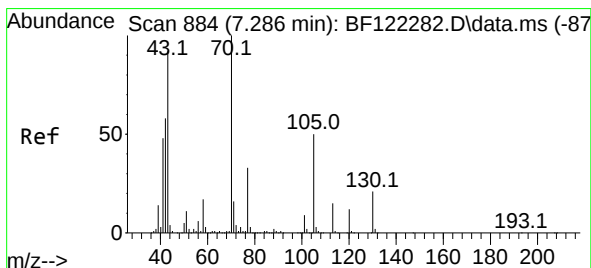
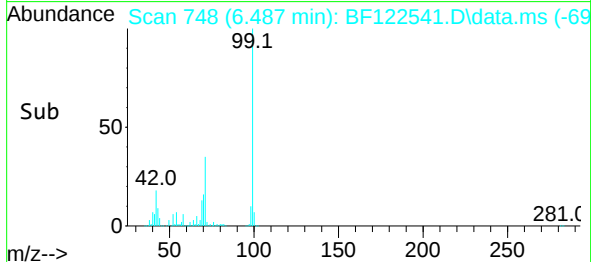
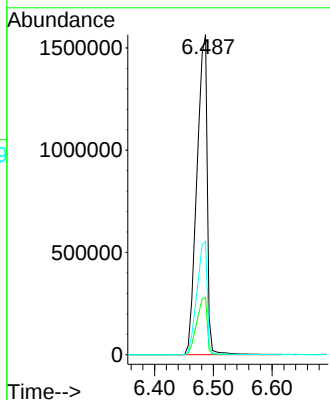
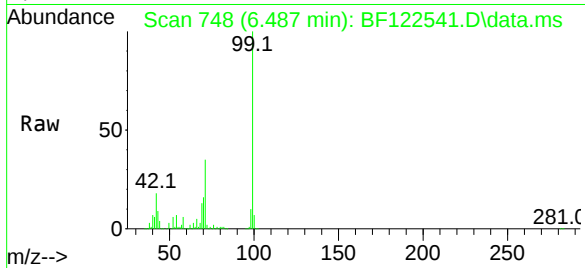




#7
Phenol-d6
Concen: 109.77 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

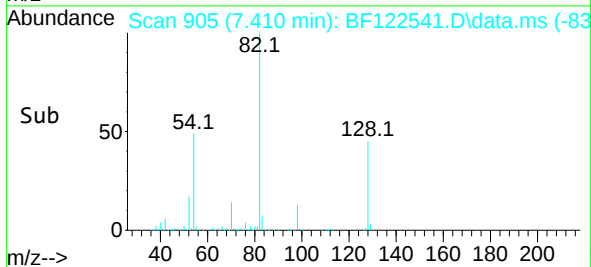
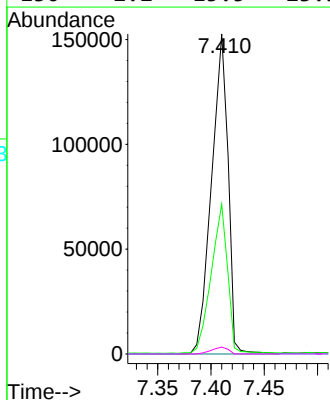
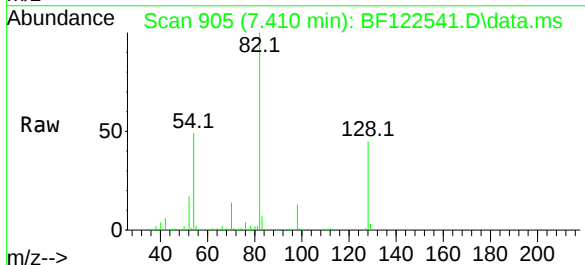
Instrument :
BNA_F
ClientSampleId :
PB133400BL

Tgt Ion: 99 Resp: 1909095
Ion Ratio Lower Upper
99 100
42 17.9 15.9 23.9
71 35.4 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.82 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

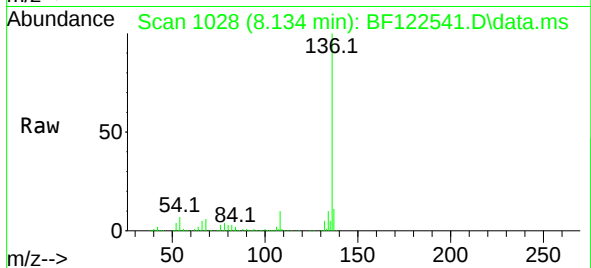
Tgt Ion: 70 Resp: 164454
Ion Ratio Lower Upper
70 100
42 46.8 50.2 75.4#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#



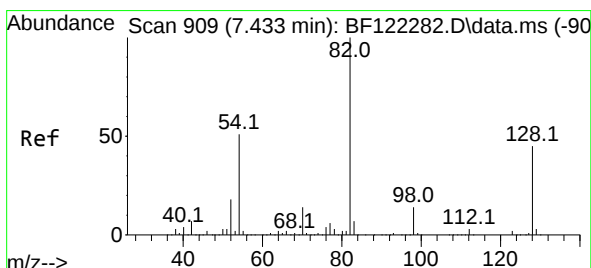
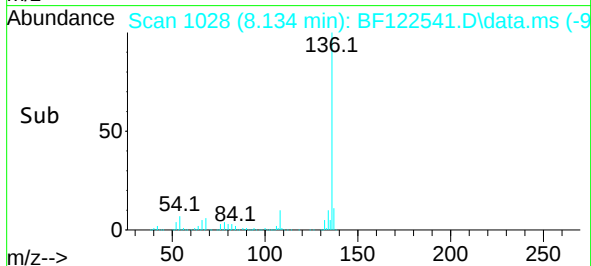
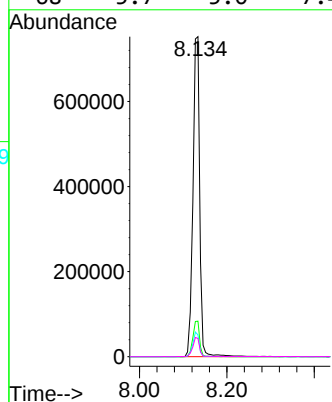


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

Instrument :
BNA_F
ClientSampleId :
PB133400BL

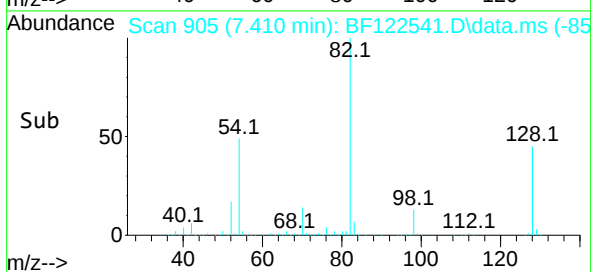
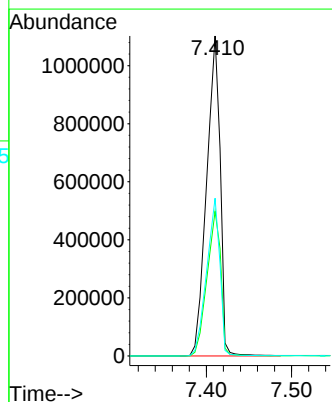
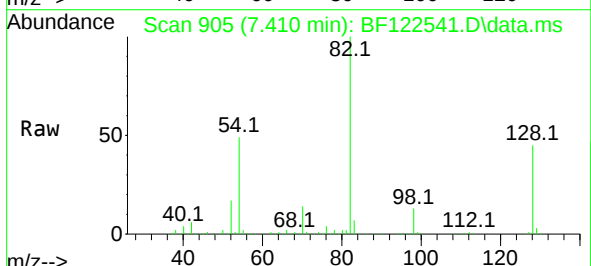


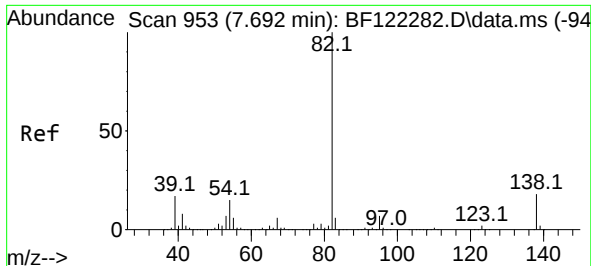
Tgt Ion:136 Resp: 807769
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 6.8 7.1 10.7#
68 5.7 5.0 7.4



#23
Nitrobenzene-d5
Concen: 92.51 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

Tgt Ion: 82 Resp: 1220660
Ion Ratio Lower Upper
82 100
128 45.2 35.0 52.4
54 49.3 43.9 65.9

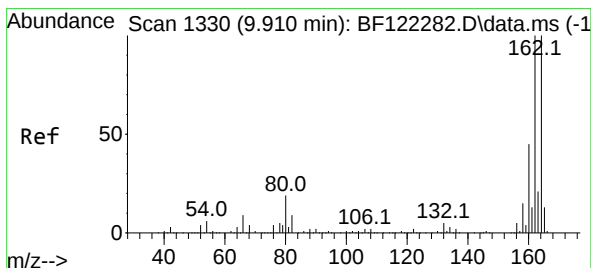
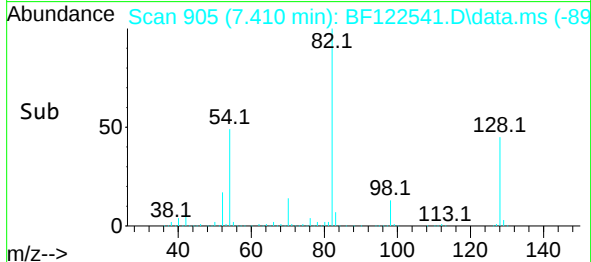
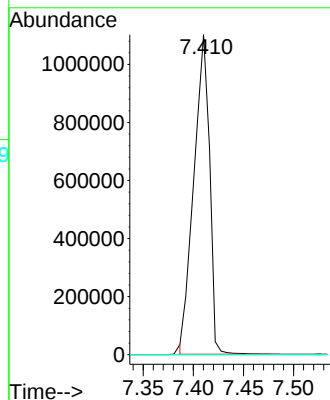
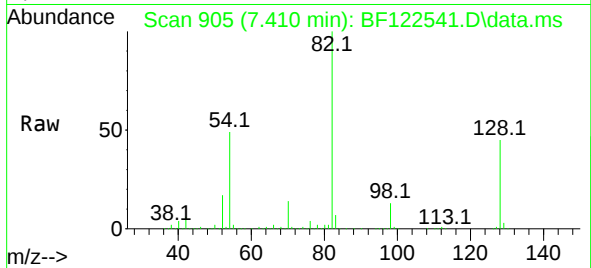




#25
Isophorone
Concen: 40.71 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

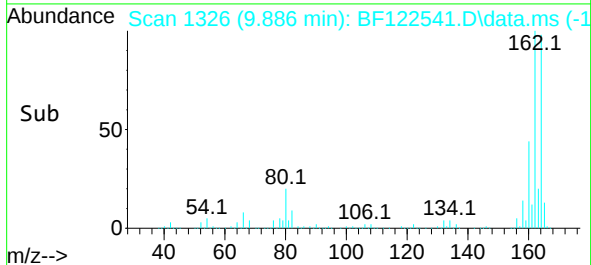
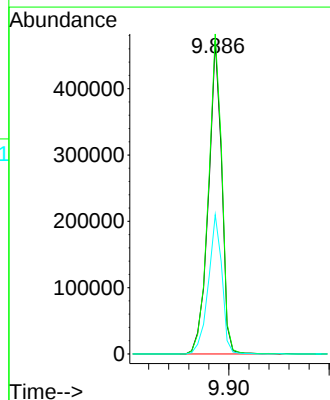
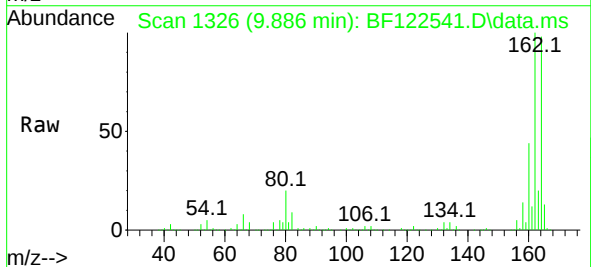
Instrument :
BNA_F
ClientSampleId :
PB133400BL

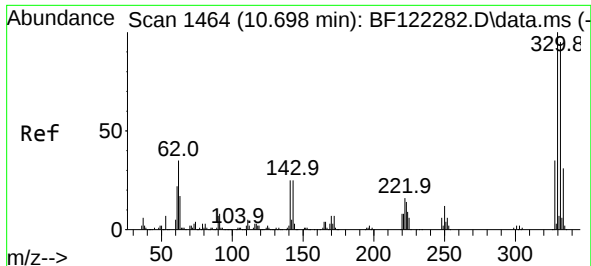
Tgt Ion: 82 Resp: 1197552
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

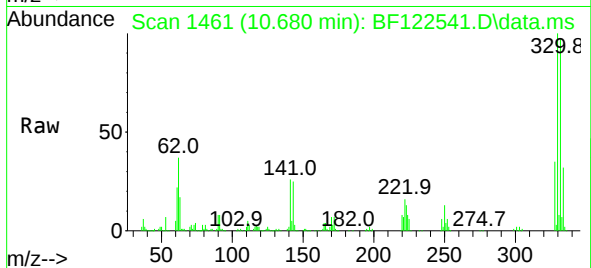
Tgt Ion:164 Resp: 435120
Ion Ratio Lower Upper
164 100
162 102.2 83.2 124.8
160 44.5 37.5 56.3



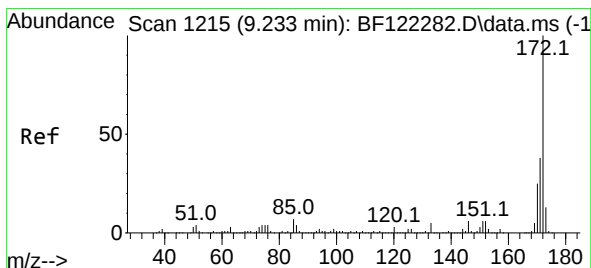
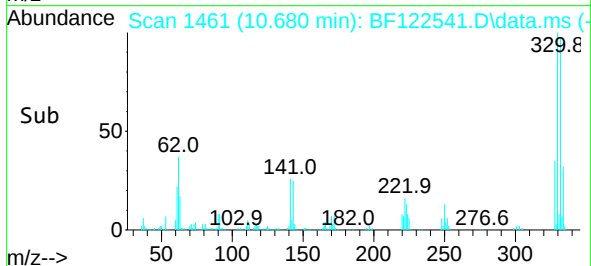
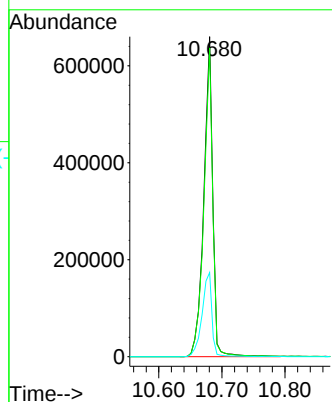


#42
2,4,6-Tribromophenol
Concen: 139.18 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

Instrument :
BNA_F
ClientSampleId :
PB133400BL

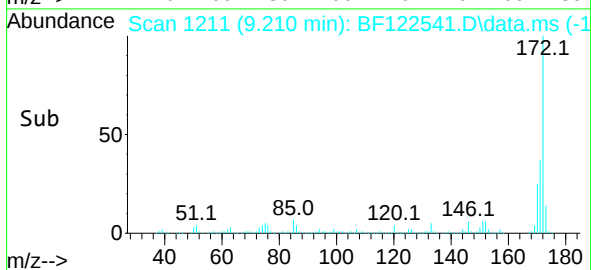
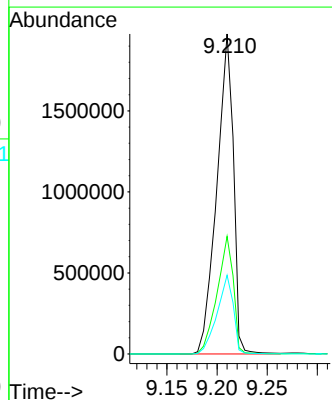
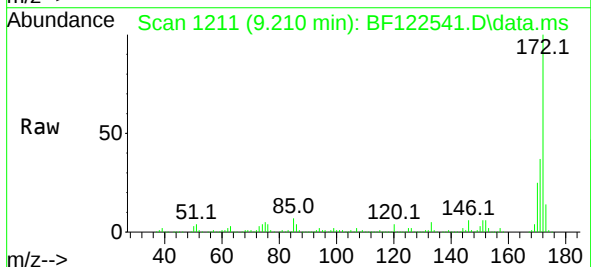


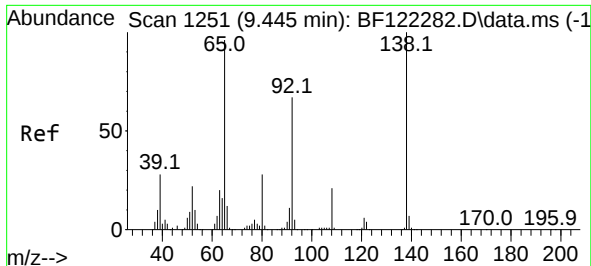
Tgt Ion:330 Resp: 650001
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 28.9 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 81.59 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

Tgt Ion:172 Resp: 2272162
Ion Ratio Lower Upper
172 100
171 36.8 29.1 43.7
170 24.6 19.8 29.6

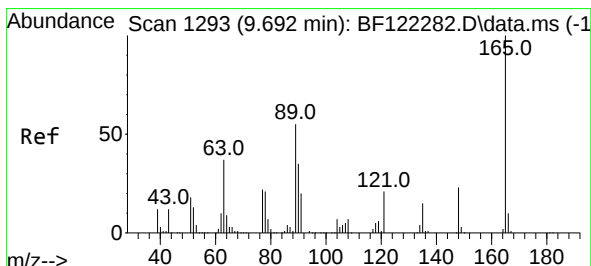
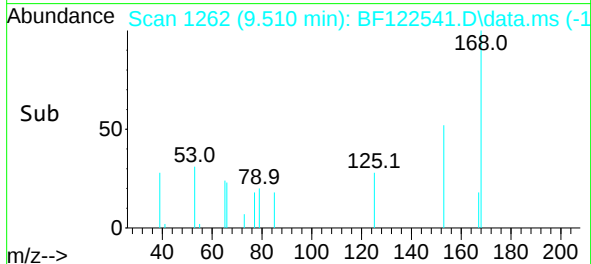
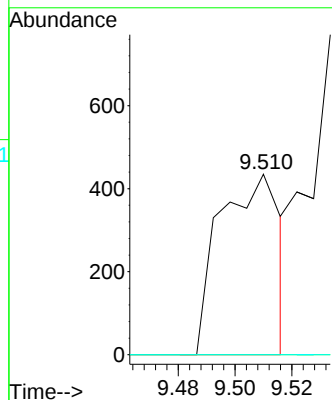
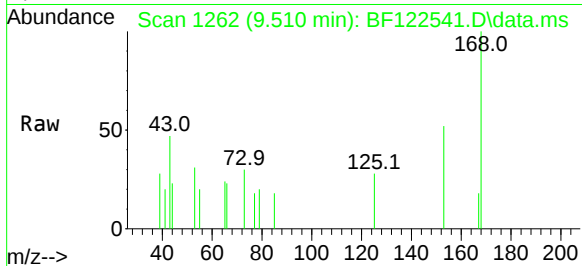




#48
2-Nitroaniline
Concen: 5.24 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.077 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

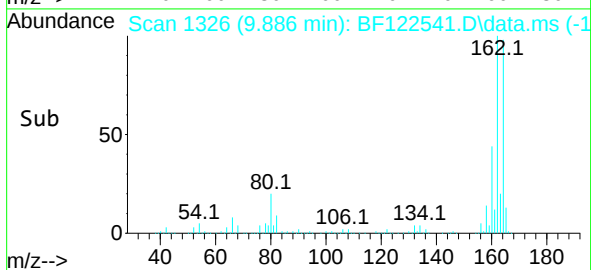
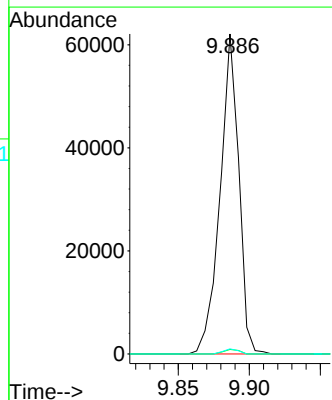
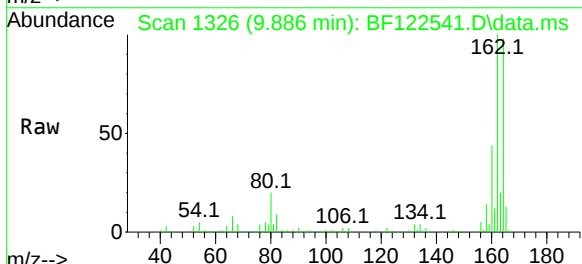
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ClientSampleId :
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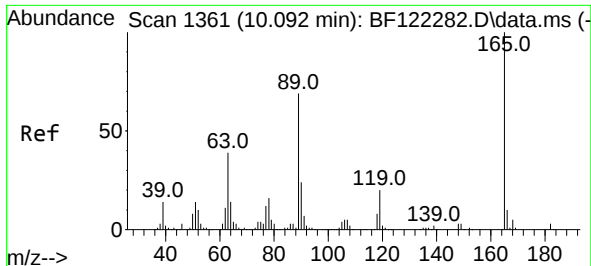
Tgt Ion: 65 Resp: 642
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 11.40 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.212 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

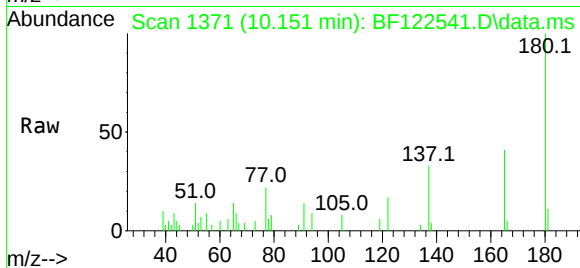
Tgt Ion:165 Resp: 56720
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.6#
89 1.6 49.0 73.6#



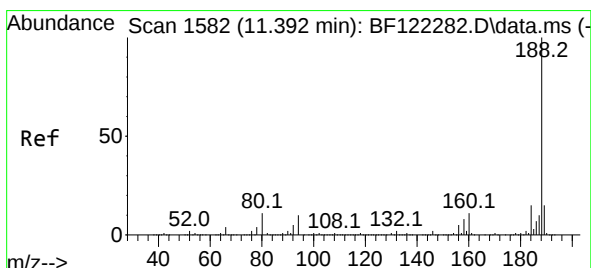
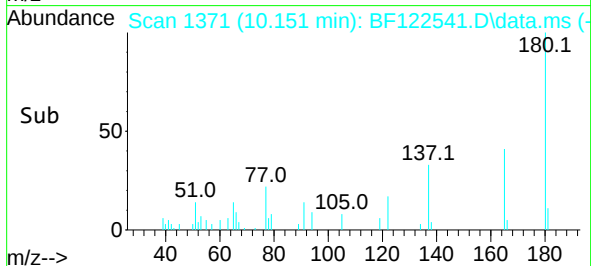
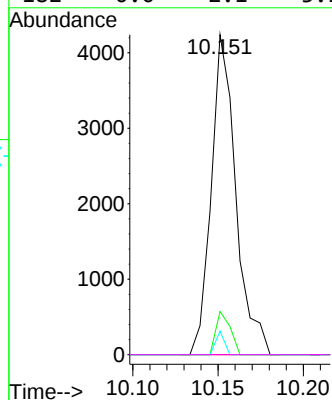


#57
2,4-Dinitrotoluene
Concen: 5.16 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.071 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

Instrument :
BNA_F
ClientSampleId :
PB133400BL

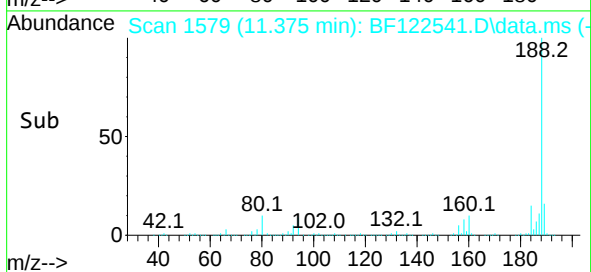
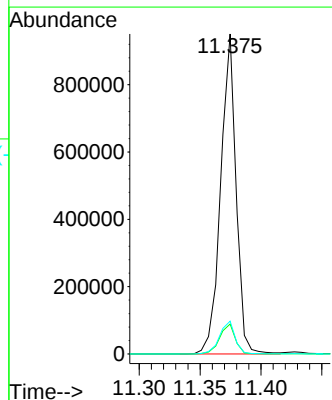
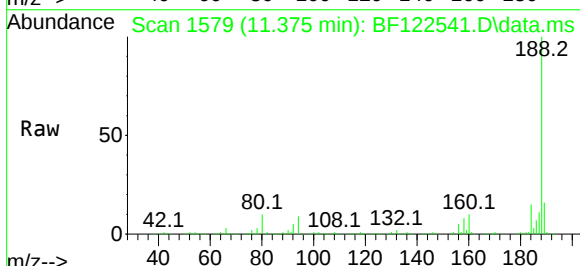


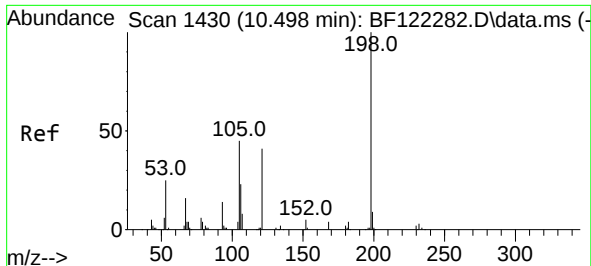
Tgt Ion	Ratio	Lower	Upper
165	100		
63	13.5	41.3	61.9#
89	7.4	61.8	92.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.3	12.5
80	10.2	9.1	13.7

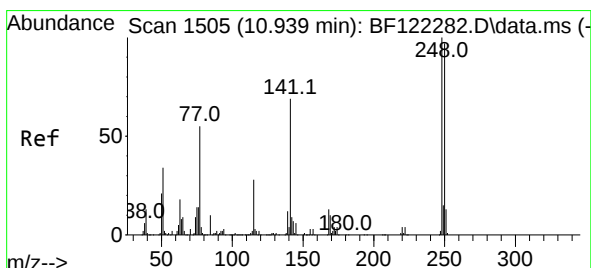
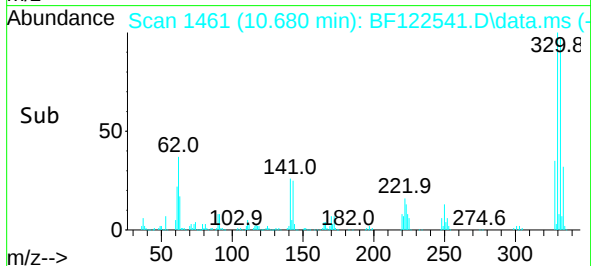
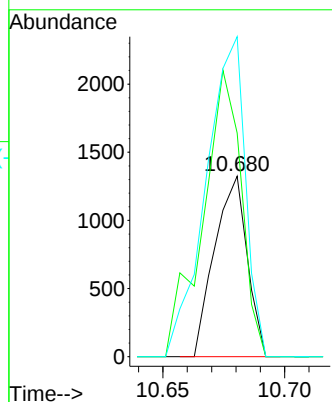
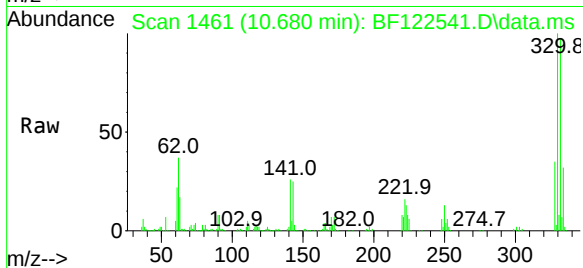




#65
4,6-Dinitro-2-methylphenol
Concen: 6.57 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.194 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

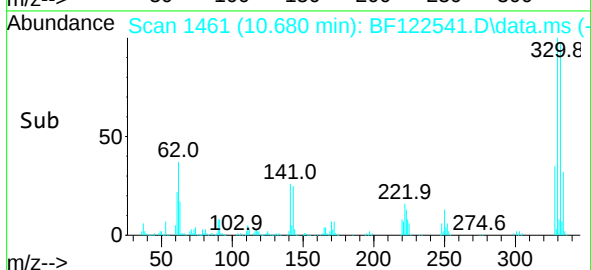
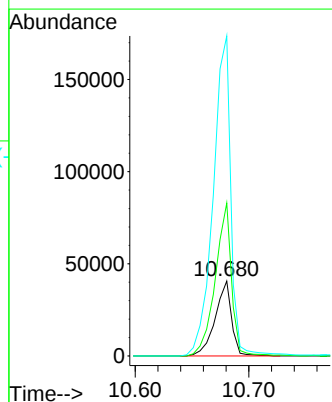
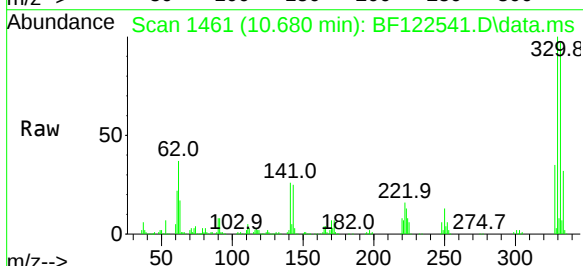
Instrument :
BNA_F
ClientSampleId :
PB133400BL

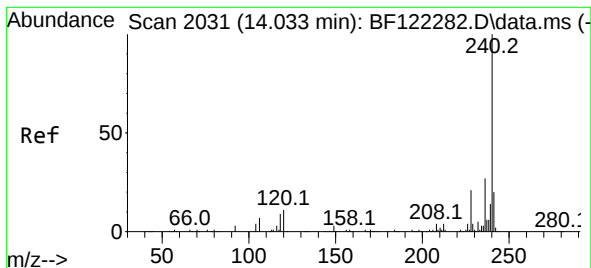
Tgt Ion:198 Resp: 1228
Ion Ratio Lower Upper
198 100
51 123.9 29.6 69.6#
105 177.3 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

Tgt Ion:248 Resp: 40893
Ion Ratio Lower Upper
248 100
250 204.1 77.0 115.6#
141 427.1 53.7 80.5#

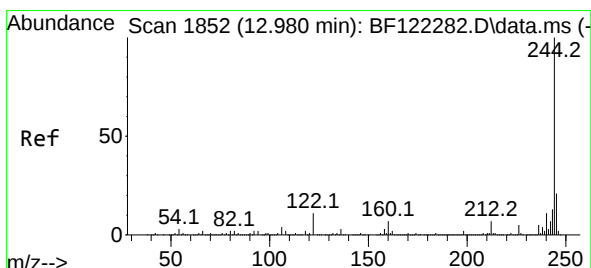
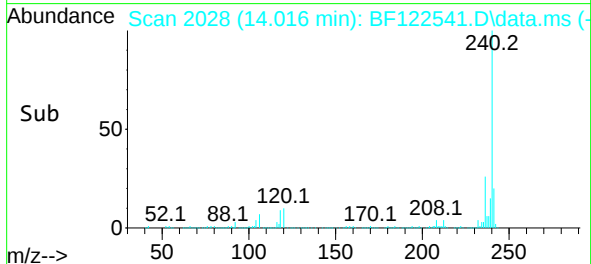
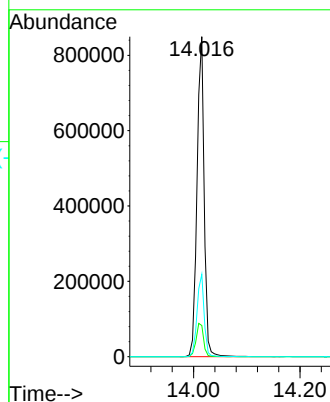
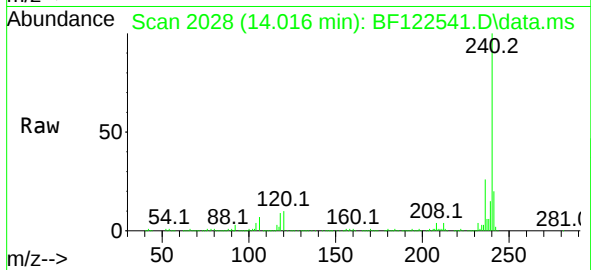




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

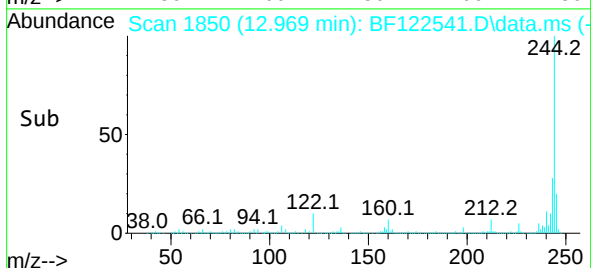
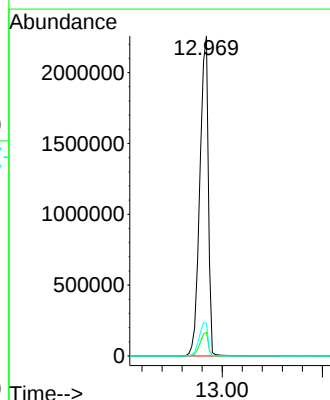
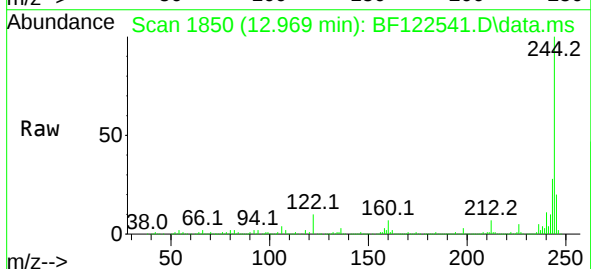
Instrument :
BNA_F
ClientSampleId :
PB133400BL

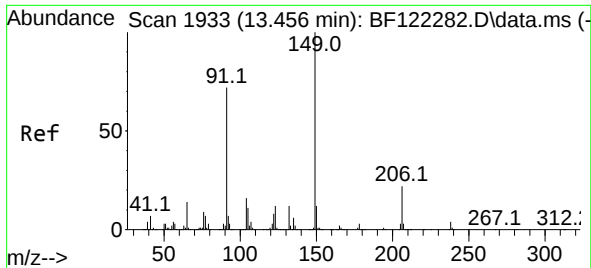
Tgt Ion:240 Resp: 790027
Ion Ratio Lower Upper
240 100
120 9.8 9.2 13.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 70.64 ng
RT: 12.969 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

Tgt Ion:244 Resp: 2634292
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 10.2 8.1 12.1

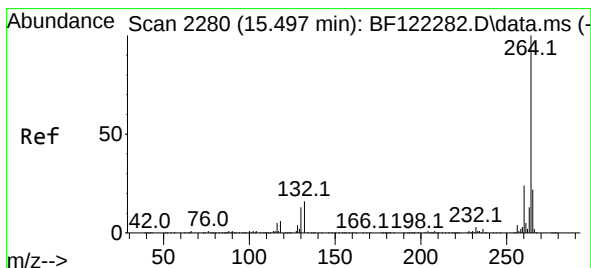
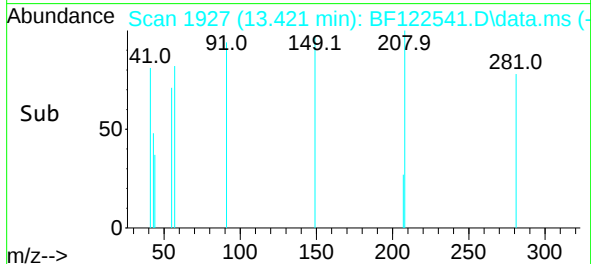
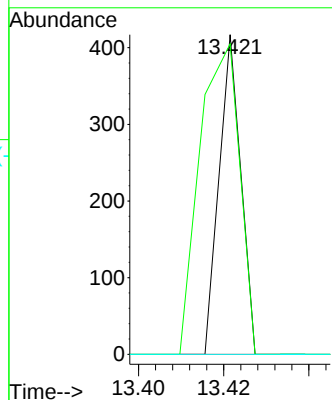
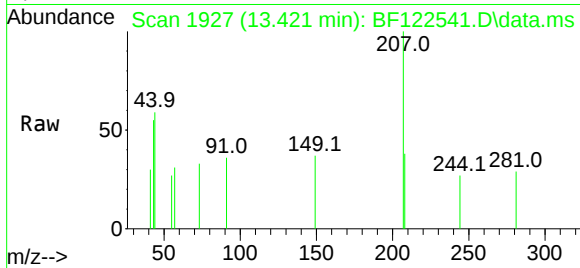




#80
Butylbenzylphthalate
Concen: 3.29 ng
RT: 13.421 min Scan# 1927
Delta R.T. -0.012 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

Instrument :
BNA_F
ClientSampleId :
PB133400BL

Tgt Ion:149 Resp: 147
Ion Ratio Lower Upper
149 100
91 97.1 61.0 91.4#
206 0.0 16.7 25.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF122541.D
Acq: 4 Dec 2020 12:16

Tgt Ion:264 Resp: 774376
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.9 17.3 25.9

