

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112420\
 Data File : BF122466.D
 Acq On : 24 Nov 2020 14:12
 Operator : JU/CG
 Sample : PB133168BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133168BL

Quant Time: Nov 24 14:45:00 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)

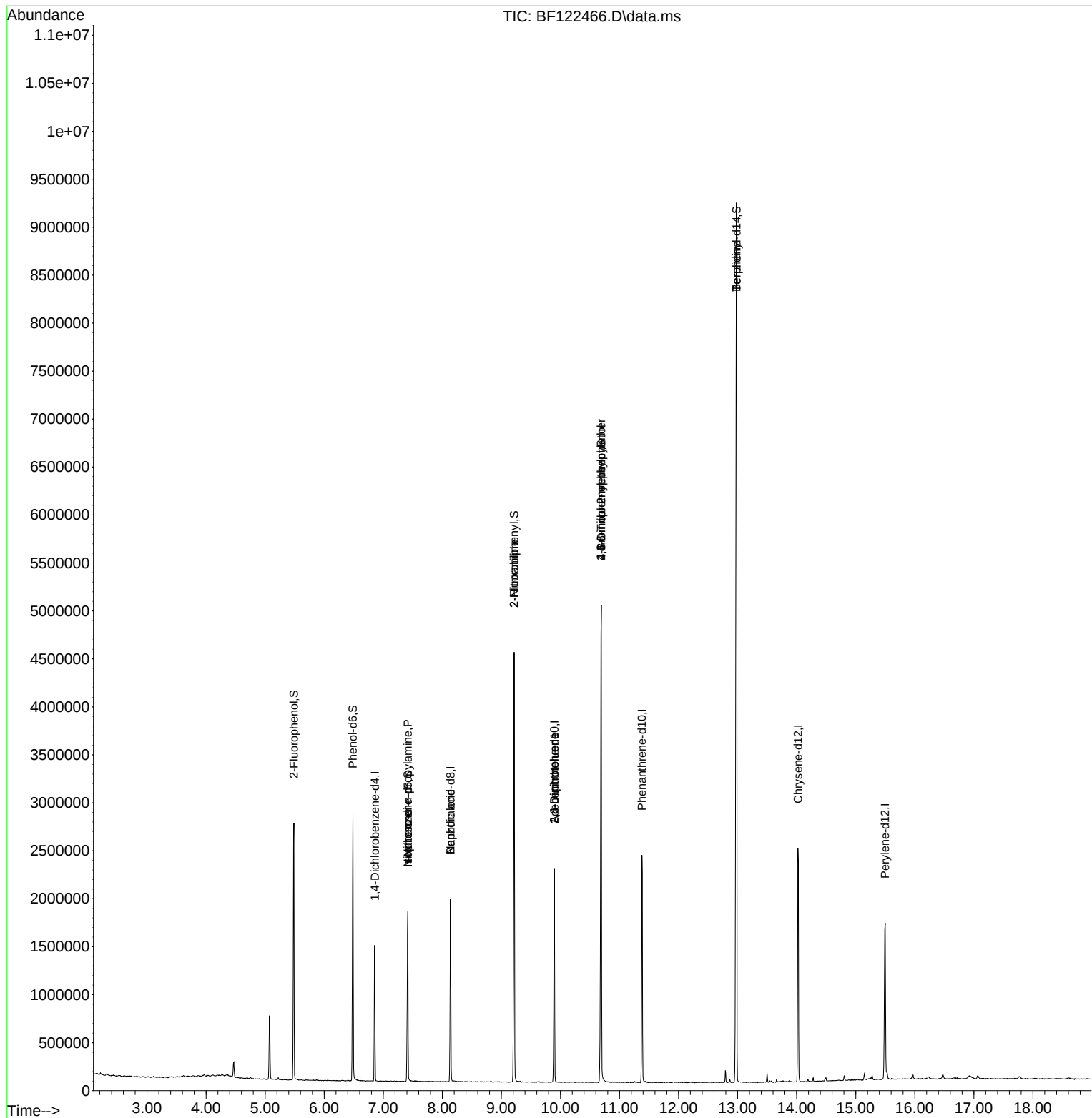
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	218101	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	874668	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	484059	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	930058	20.00	ng	0.00
76) Chrysene-d12	14.021	240	880636	20.00	ng	-0.01
86) Perylene-d12	15.498	264	806892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	759575	53.48	ng	0.00
7) Phenol-d6	6.487	99	966154	52.00	ng	-0.01
23) Nitrobenzene-d5	7.416	82	612447	42.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	780270	150.19	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1470356	47.46	ng	0.00
79) Terphenyl-d14	12.980	244	3757022	90.38	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.404	77	1519	Below Cal		87
19) n-Nitroso-di-n-propyla...	7.416	70	81465	7.34 ng	#	74
25) Isophorone	7.416	82	601234	18.88 ng	#	67
32) Benzoic acid	8.139	122	126	7.97 ng	#	1
48) 2-Nitroaniline	9.216	65	2321	5.40 ng	#	1
51) 2,6-Dinitrotoluene	9.898	165	63117	11.40 ng	#	20
57) 2,4-Dinitrotoluene	9.898	165	63117	10.62 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.692	198	1579	6.64 ng	#	1
67) 4-Bromophenyl-phenylether	10.692	248	49908	4.57 ng	#	1
77) Benzidine	12.980	184	50694	2.08 ng	#	92

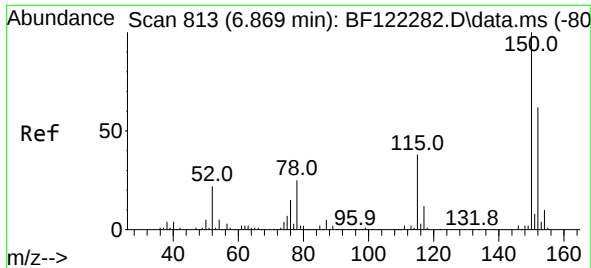
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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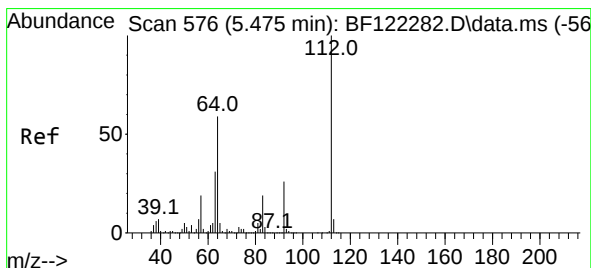
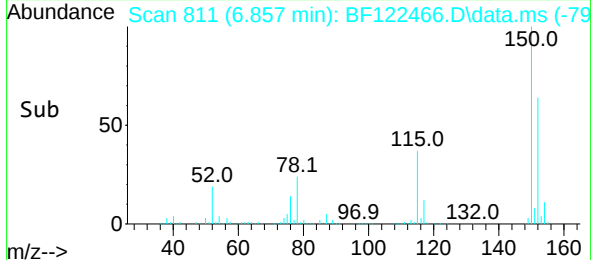
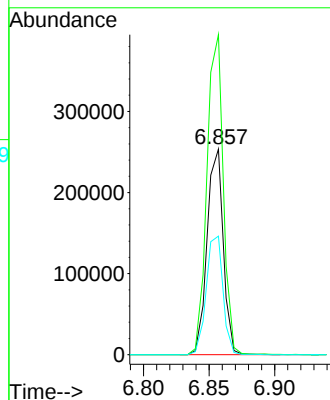
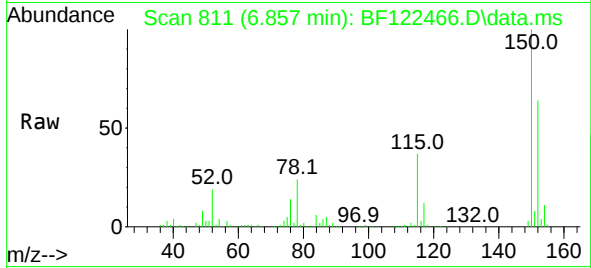




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

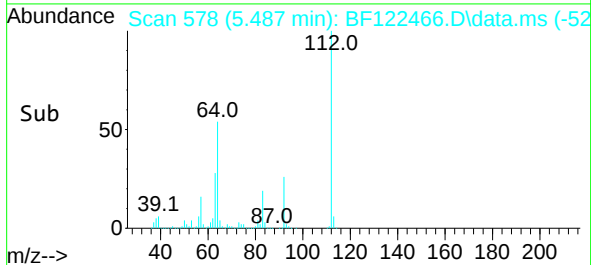
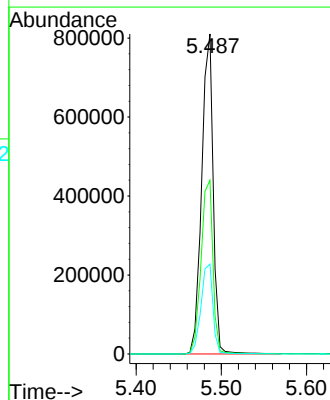
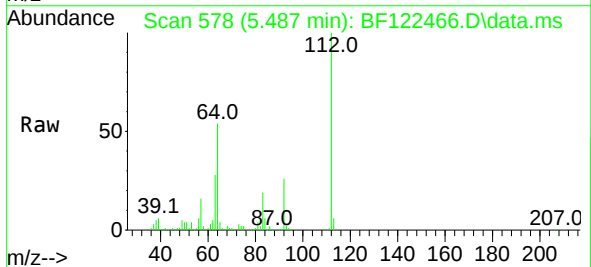
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BNA_F
ClientSampleId :
PB133168BL

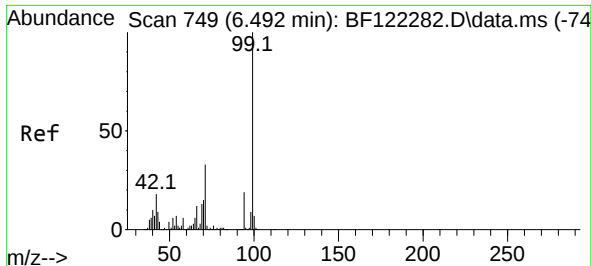
Tgt Ion:152 Resp: 218101
Ion Ratio Lower Upper
152 100
150 155.6 125.3 187.9
115 57.7 51.9 77.9



#5
2-Fluorophenol
Concen: 53.48 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

Tgt Ion:112 Resp: 759575
Ion Ratio Lower Upper
112 100
64 54.3 50.4 75.6
63 28.1 25.8 38.6

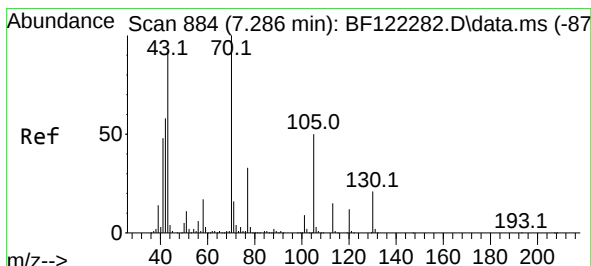
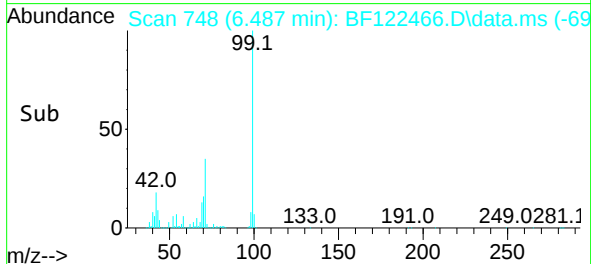
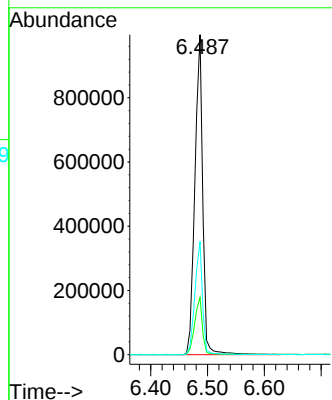
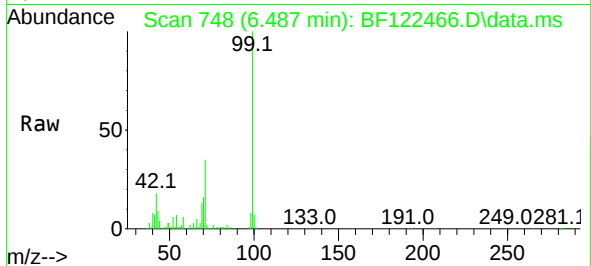




#7
Phenol-d6
Concen: 52.00 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

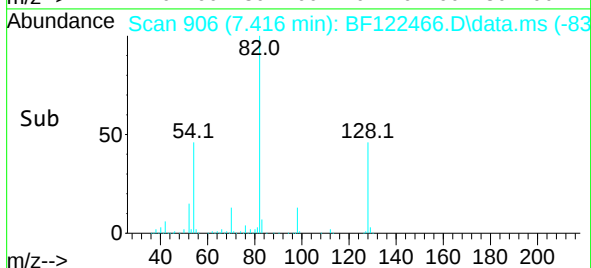
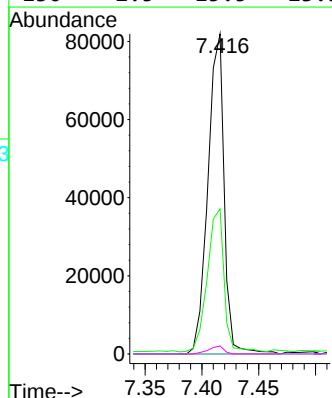
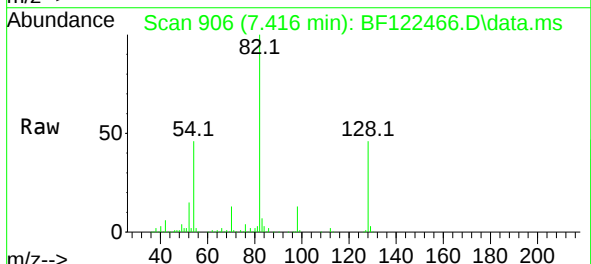
Instrument :
BNA_F
ClientSampleId :
PB133168BL

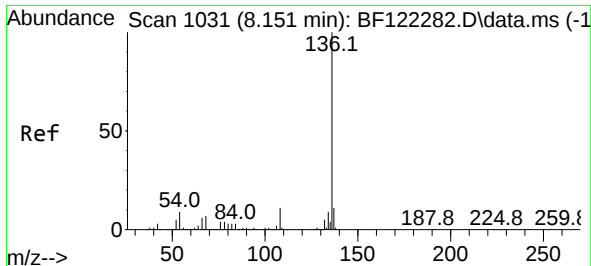
Tgt Ion: 99 Resp: 966154
Ion Ratio Lower Upper
99 100
42 17.9 15.9 23.9
71 35.3 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 7.34 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.135 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

Tgt Ion: 70 Resp: 81465
Ion Ratio Lower Upper
70 100
42 45.3 50.2 75.4#
101 0.0 7.5 11.3#
130 2.5 15.5 23.3#



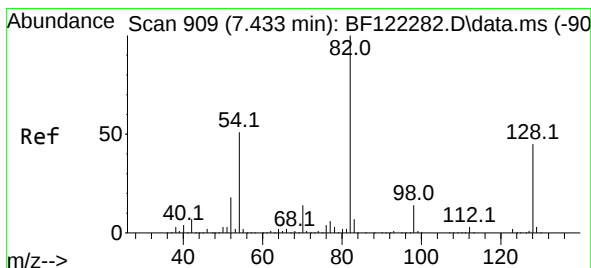
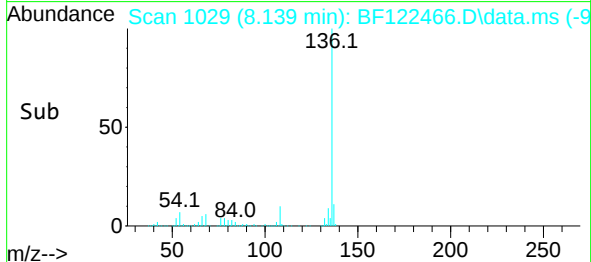
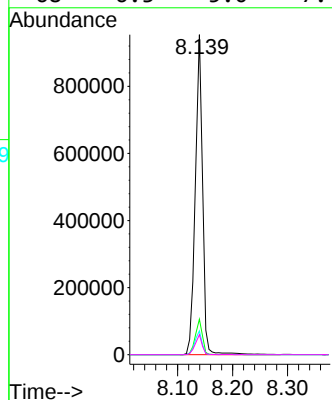
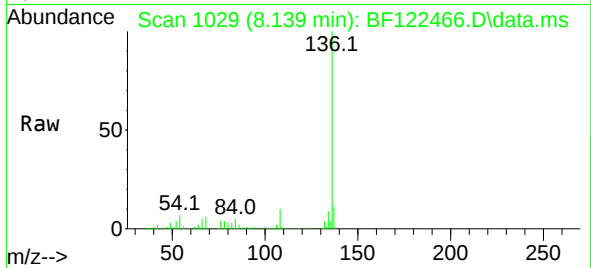


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

Instrument :
BNA_F
ClientSampleId :
PB133168BL

Tgt Ion:136 Resp: 874668

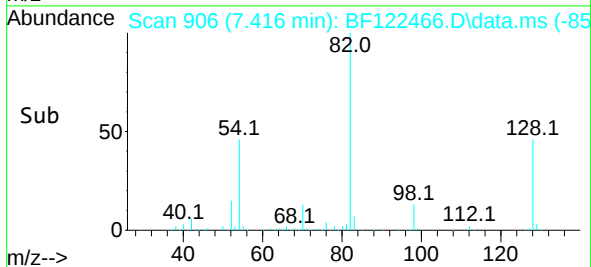
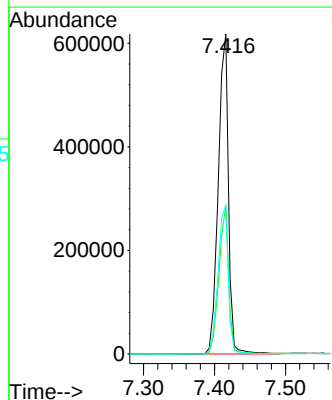
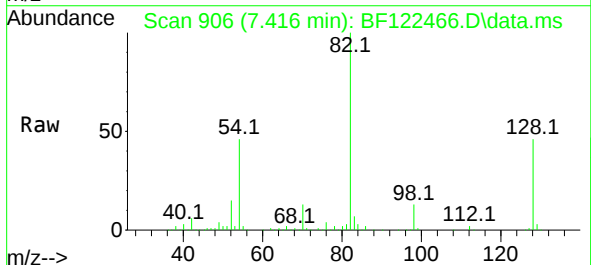
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.5	7.1	10.7
68	6.3	5.0	7.4

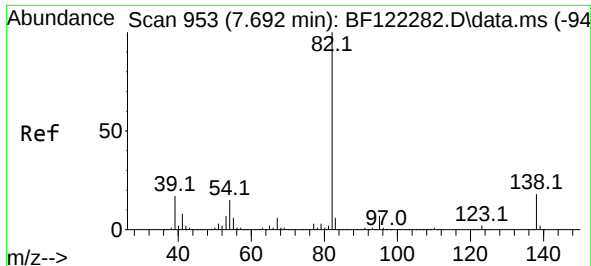


#23
Nitrobenzene-d5
Concen: 42.87 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

Tgt Ion: 82 Resp: 612447

Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.0	52.4
54	46.4	43.9	65.9

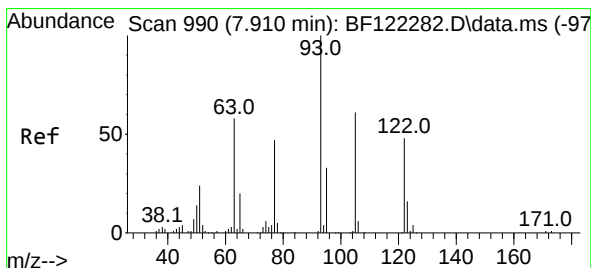
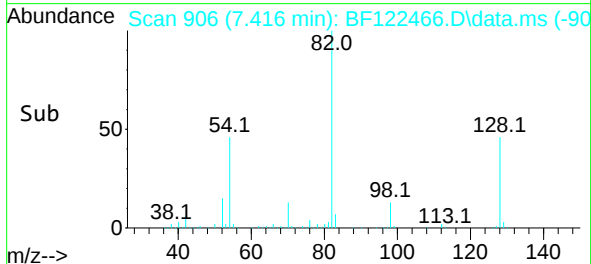
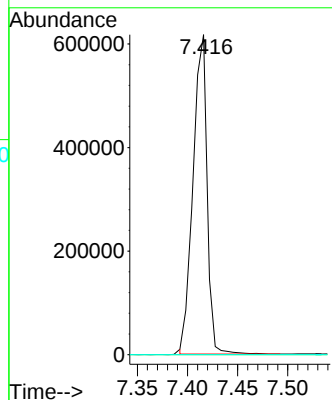
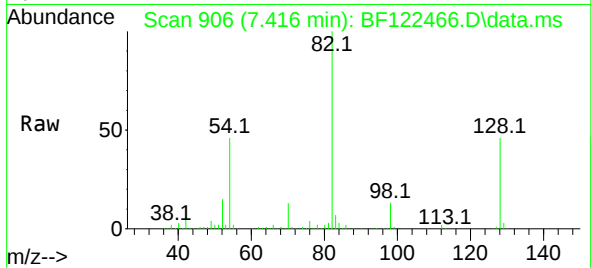




#25
Isophorone
Concen: 18.88 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

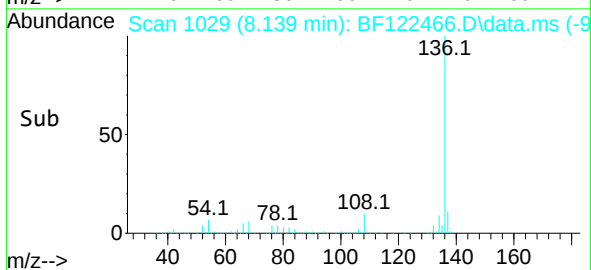
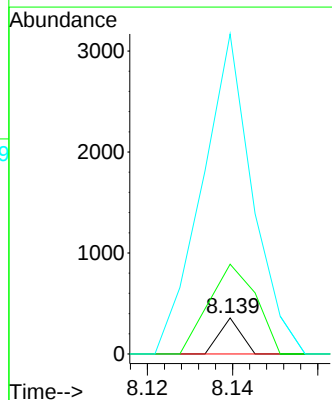
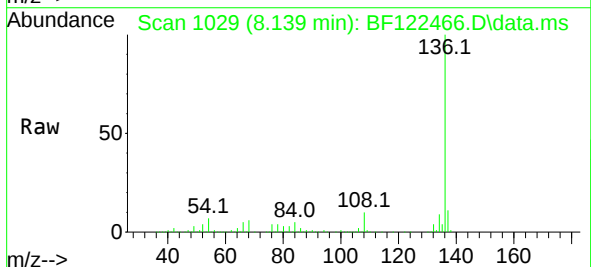
Instrument :
BNA_F
ClientSampleId :
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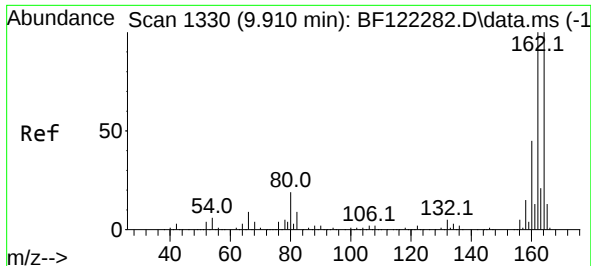
Tgt Ion: 82 Resp: 601234
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.97 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.206 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

Tgt Ion:122 Resp: 126
Ion Ratio Lower Upper
122 100
105 249.7 103.3 143.3#
77 890.2 73.9 113.9#

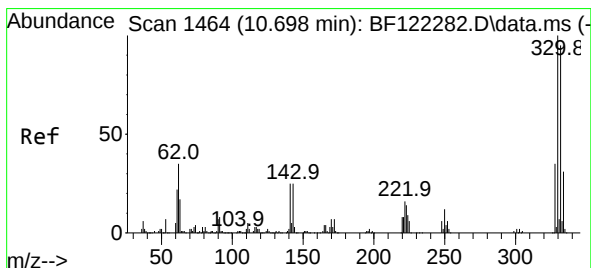
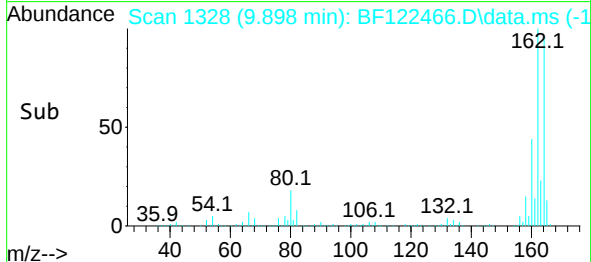
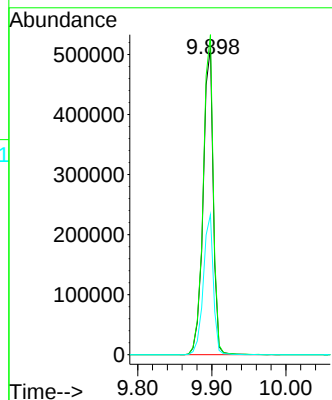
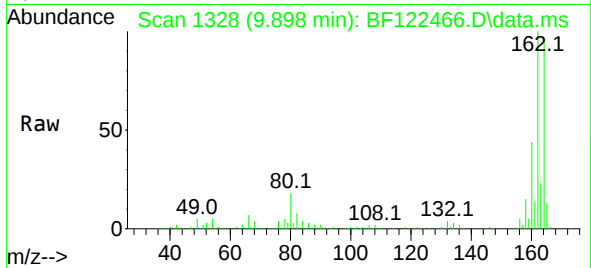




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

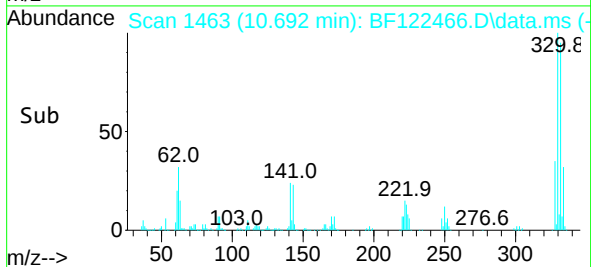
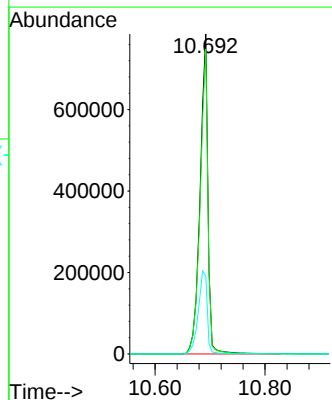
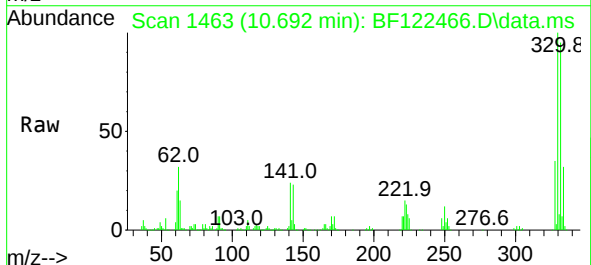
Instrument :
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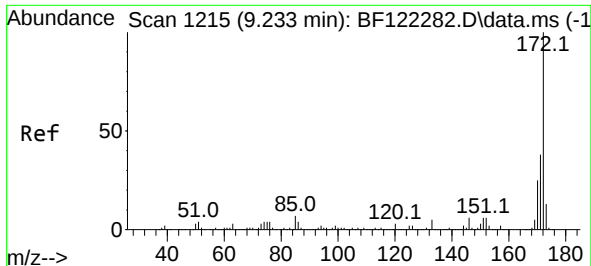
Tgt Ion:164 Resp: 484059
Ion Ratio Lower Upper
164 100
162 104.3 83.2 124.8
160 45.6 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 150.19 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

Tgt Ion:330 Resp: 780270
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 29.7 22.3 33.5

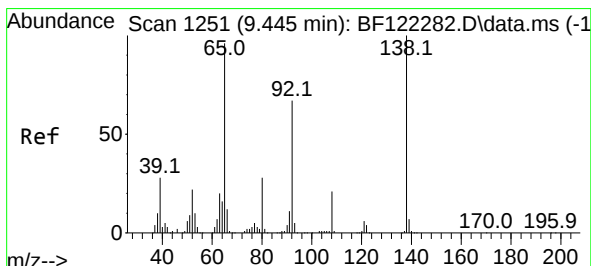
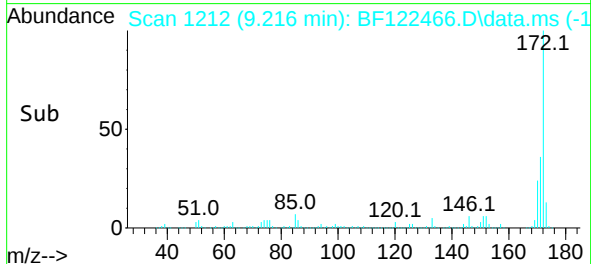
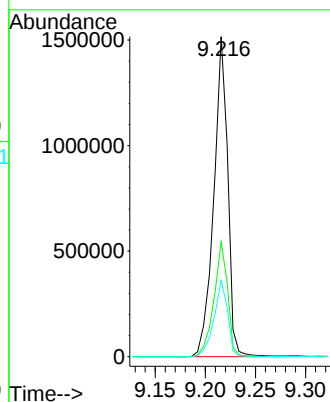
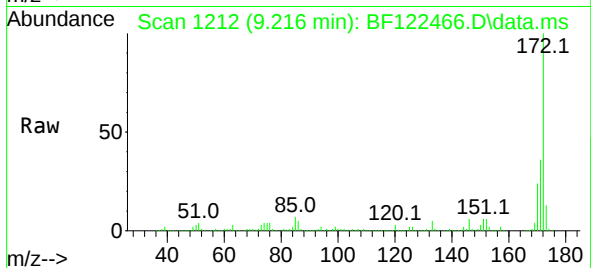




#45
2-Fluorobiphenyl
Concen: 47.46 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

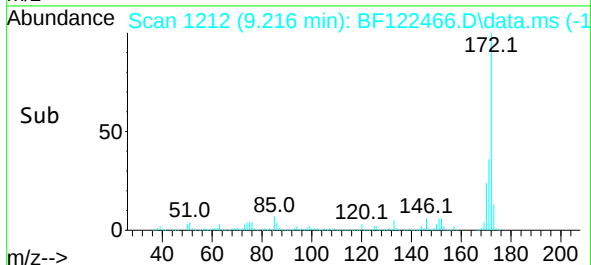
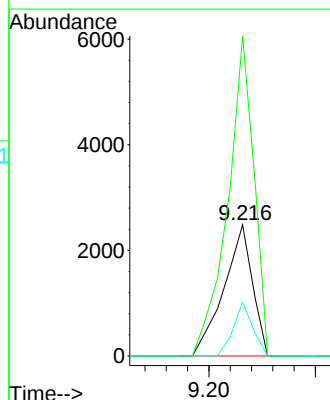
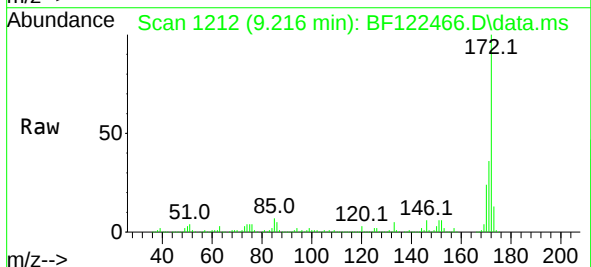
Instrument :
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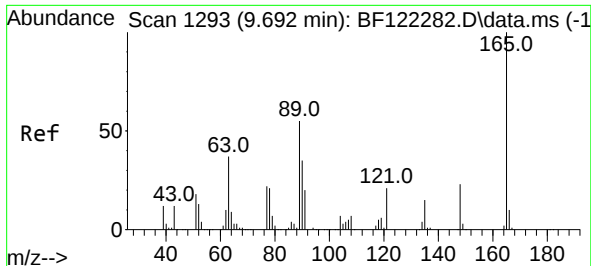
Tgt Ion:172 Resp: 1470356
Ion Ratio Lower Upper
172 100
171 35.9 29.1 43.7
170 23.8 19.8 29.6



#48
2-Nitroaniline
Concen: 5.40 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.229 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

Tgt Ion: 65 Resp: 2321
Ion Ratio Lower Upper
65 100
92 244.0 55.1 82.7#
138 40.9 80.5 120.7#

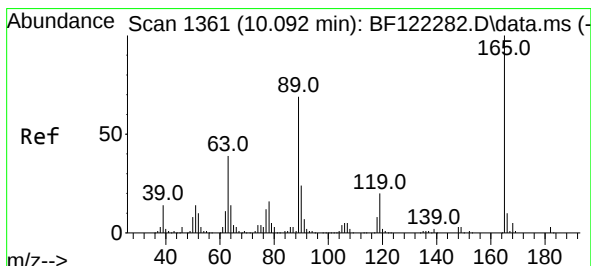
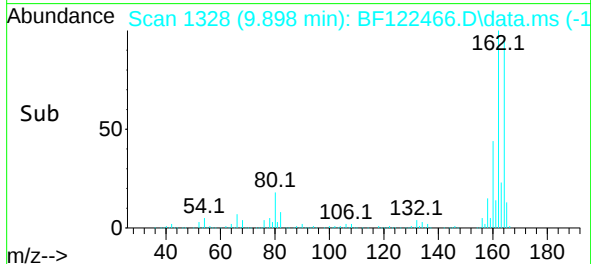
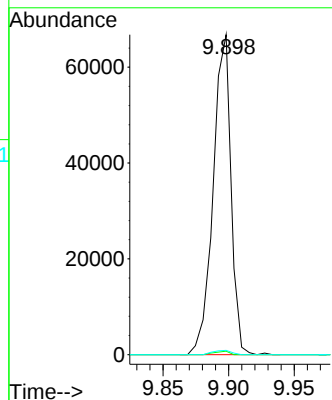
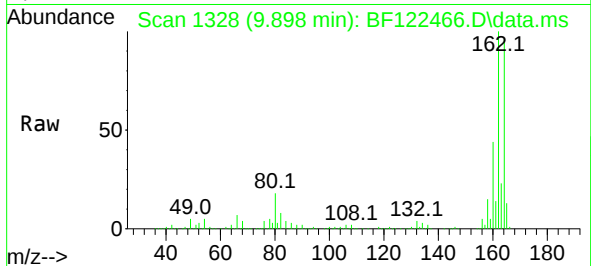




#51
2,6-Dinitrotoluene
Concen: 11.40 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

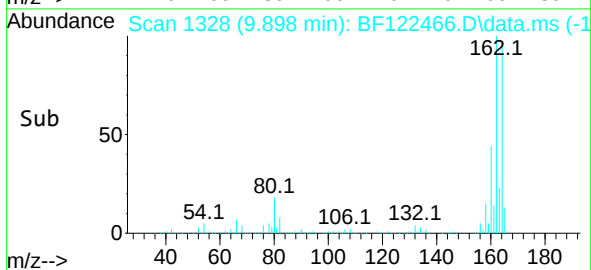
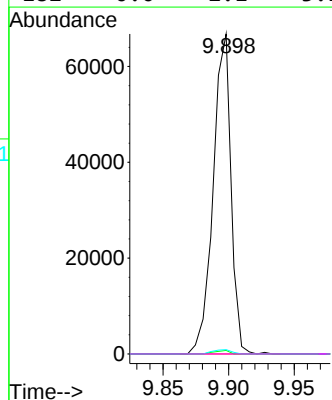
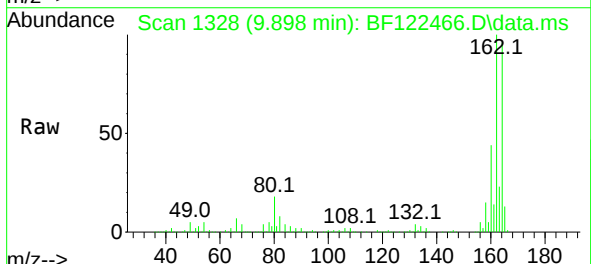
Instrument :
BNA_F
ClientSampleId :
PB133168BL

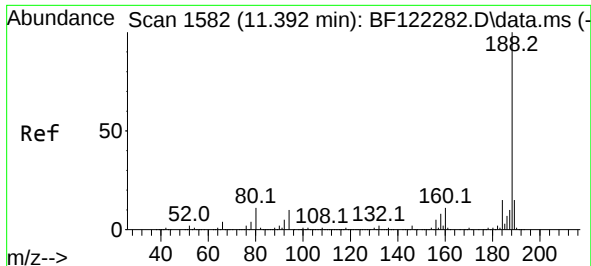
Tgt Ion:165 Resp: 63117
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.3 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.62 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

Tgt Ion:165 Resp: 63117
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#

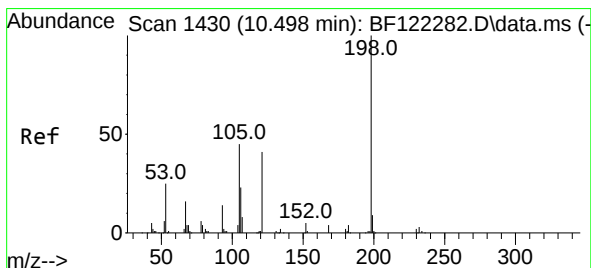
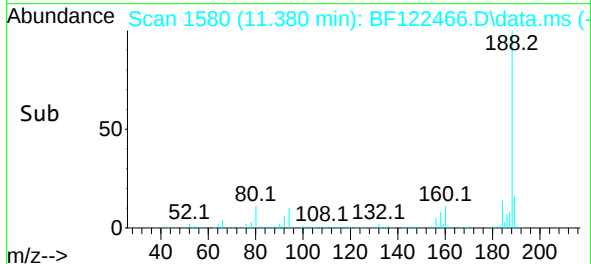
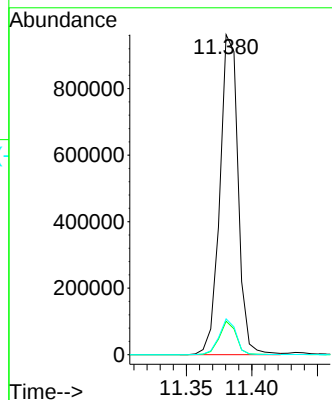
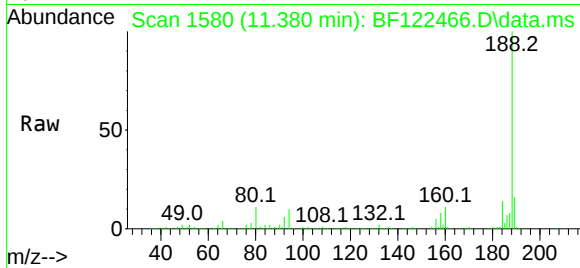




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

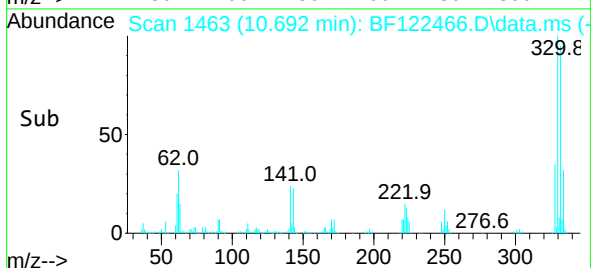
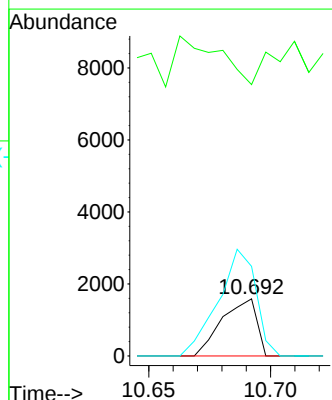
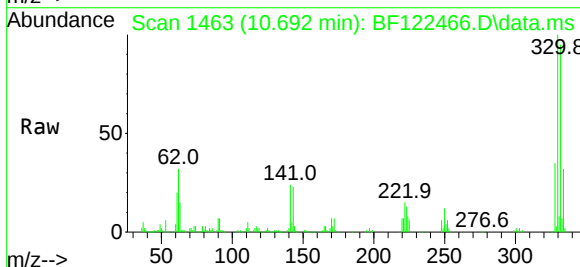
Instrument :
BNA_F
ClientSampleId :
PB133168BL

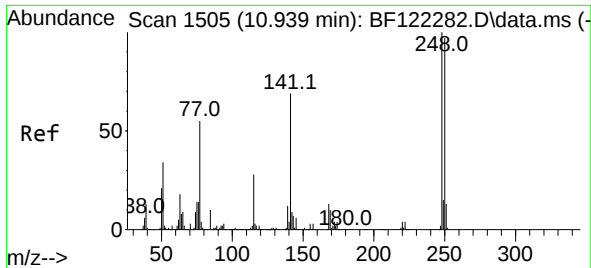
Tgt Ion:188 Resp: 930058
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.2 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.64 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

Tgt Ion:198 Resp: 1579
Ion Ratio Lower Upper
198 100
51 475.2 29.6 69.6#
105 157.0 24.4 64.4#

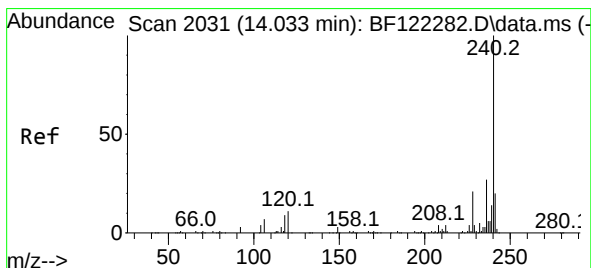
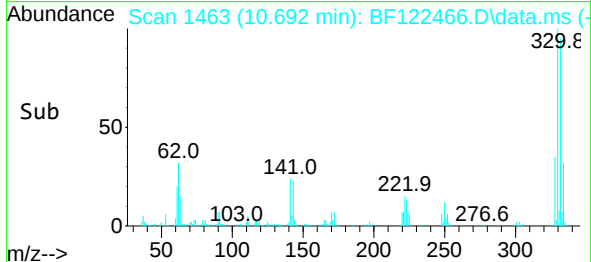
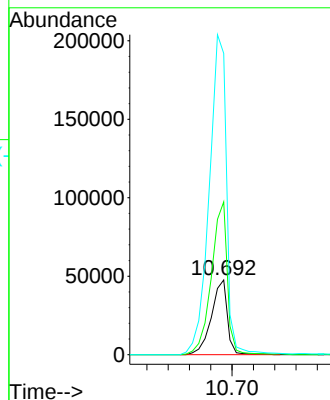
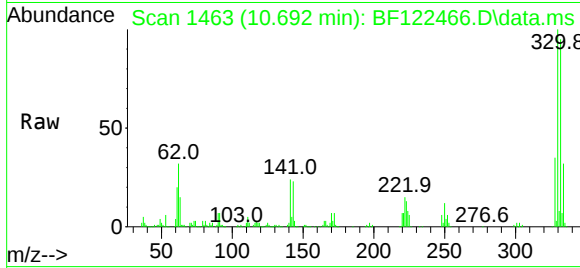




#67
4-Bromophenyl-phenylether
Concen: 4.57 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

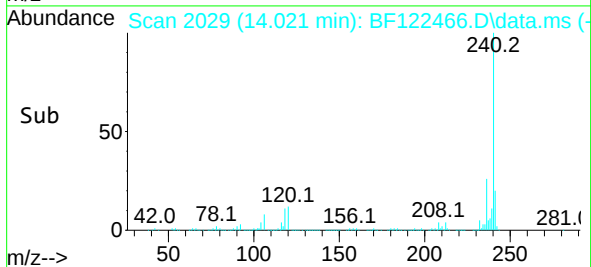
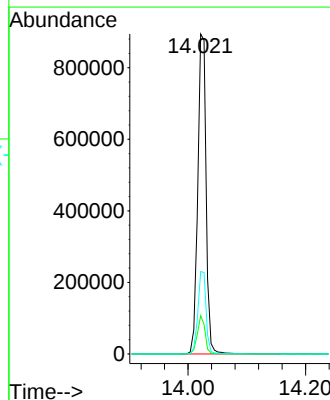
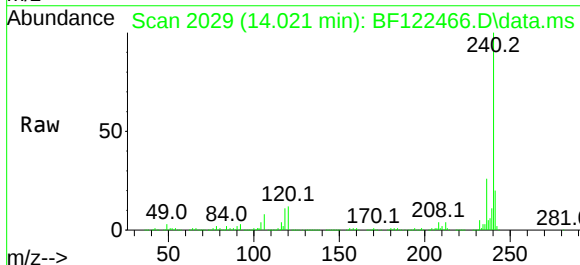
Instrument :
BNA_F
ClientSampleId :
PB133168BL

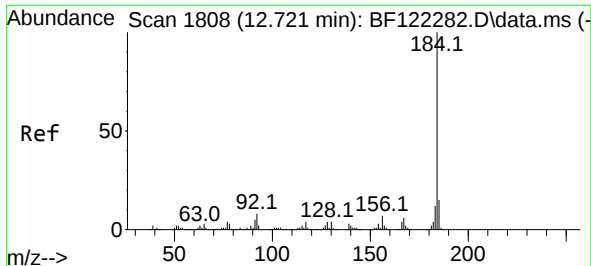
Tgt Ion:248 Resp: 49908
Ion Ratio Lower Upper
248 100
250 204.6 77.0 115.6#
141 403.6 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

Tgt Ion:240 Resp: 880636
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.8 20.9 31.3

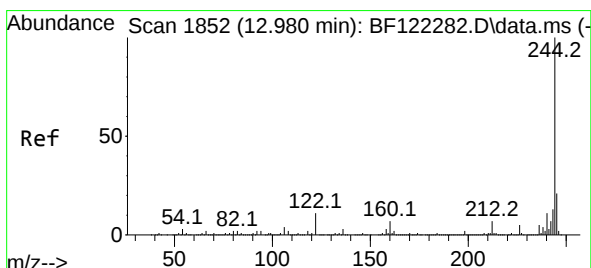
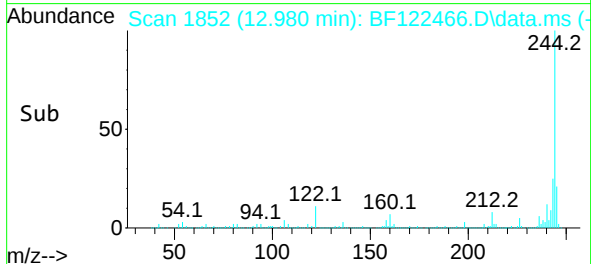
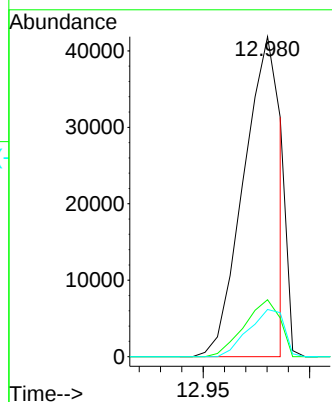
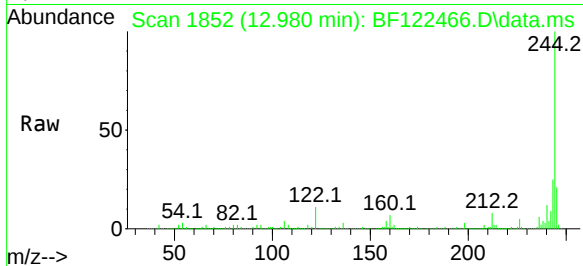




#77
Benzidine
Concen: 2.08 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.259 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

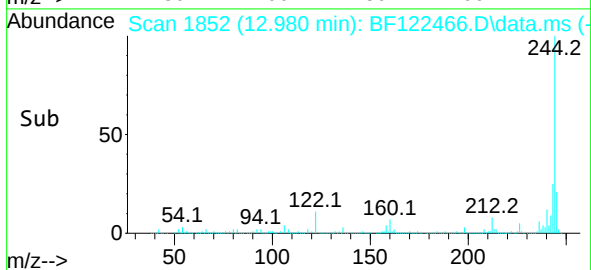
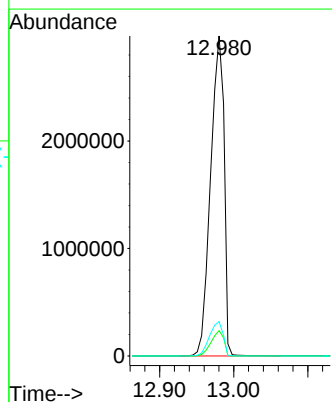
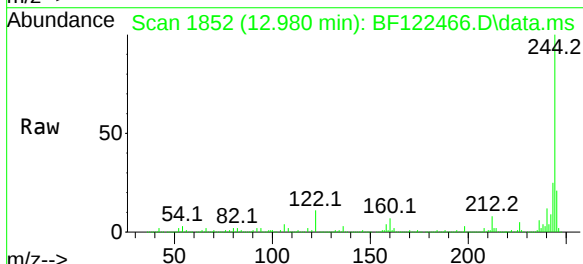
Instrument :
BNA_F
ClientSampleId :
PB133168BL

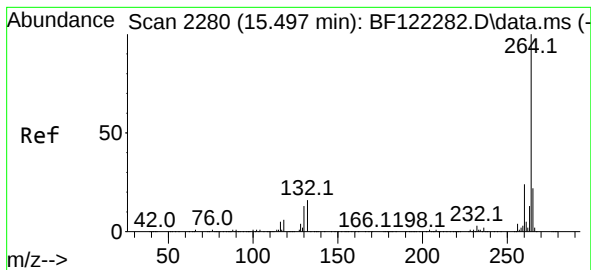
Tgt Ion:184 Resp: 50694
Ion Ratio Lower Upper
184 100
185 17.8 11.6 17.4#
183 14.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 90.38 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF122466.D
Acq: 24 Nov 2020 14:12

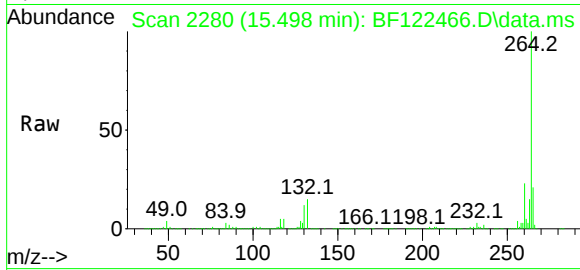
Tgt Ion:244 Resp: 3757022
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 10.8 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF122466.D
 Acq: 24 Nov 2020 14:12

Instrument :
 BNA_F
 ClientSampleId :
 PB133168BL



Tgt Ion:264 Resp: 806892
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.2 17.3 25.9

