

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
 Data File : BF122476.D
 Acq On : 25 Nov 2020 10:11
 Operator : JU/CG
 Sample : PB133227BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133227BL

Quant Time: Nov 25 10:59:34 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)

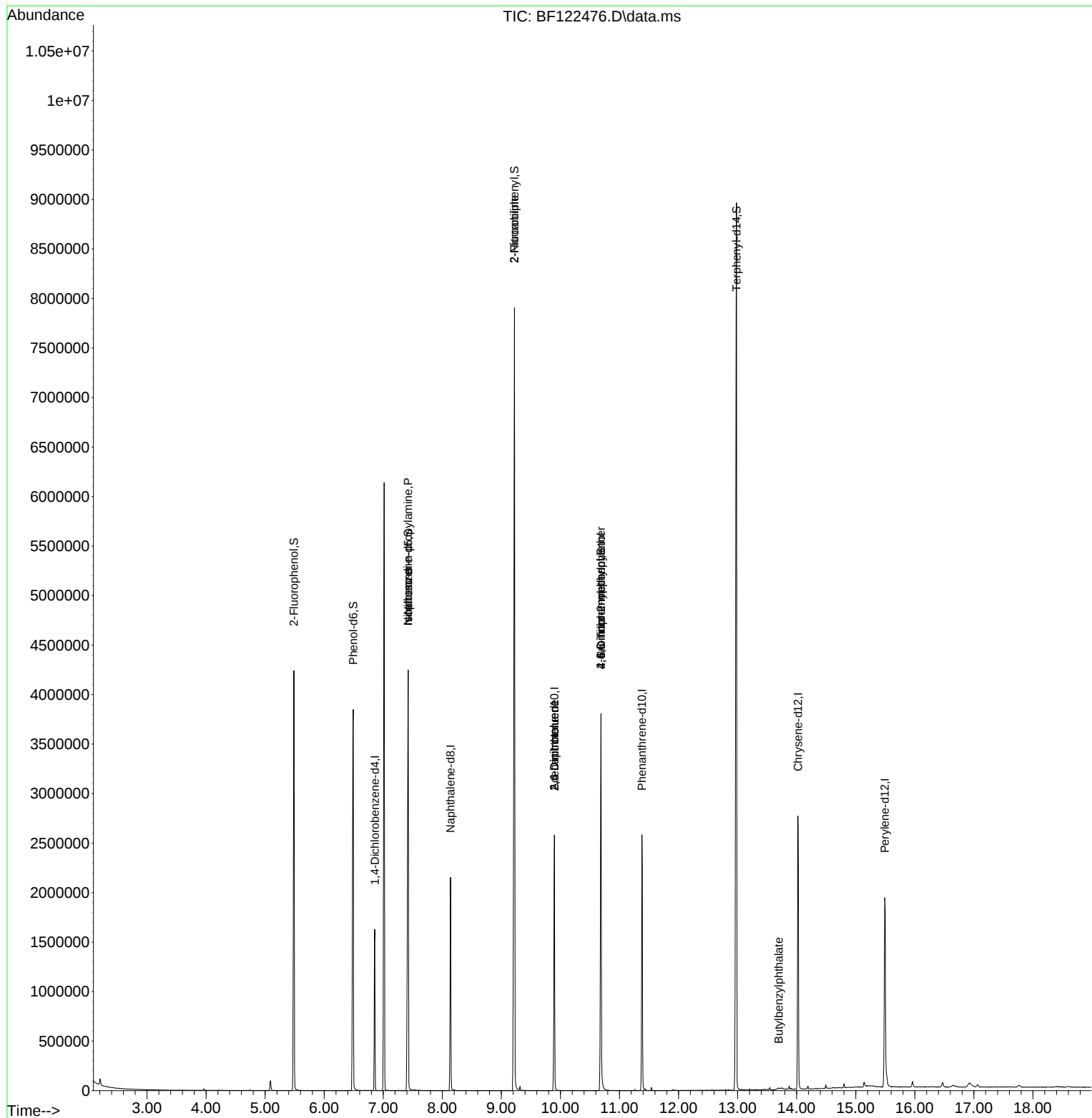
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	251124	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	974242	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	543403	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	1039127	20.00	ng	0.00
76) Chrysene-d12	14.021	240	1019337	20.00	ng	-0.01
86) Perylene-d12	15.492	264	1008024	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1258895	76.98	ng	0.00
7) Phenol-d6	6.492	99	1565984	73.19	ng	0.00
23) Nitrobenzene-d5	7.422	82	1698720	106.74	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	538033	92.25	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	3043126	87.50	ng	0.00
79) Terphenyl-d14	12.980	244	3997149	83.07	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.486	77	2347	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	231548	18.11	ng	# 75
25) Isophorone	7.422	82	1679257	47.33	ng	# 67
48) 2-Nitroaniline	9.222	65	4812	5.59	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	69394	11.25	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	69394	10.50	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	1108	6.46	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	34338	2.81	ng	# 1
80) Butylbenzylphthalate	13.698	149	113	3.29	ng	# 39

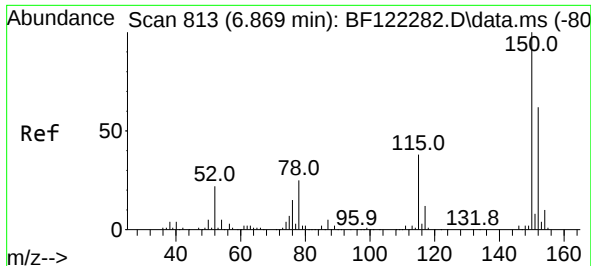
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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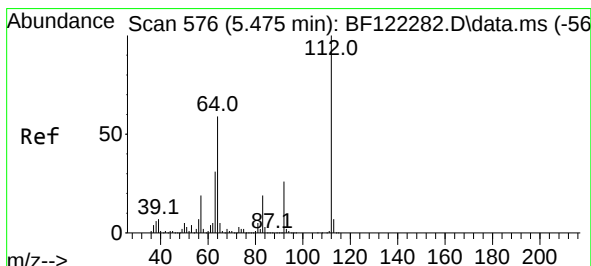
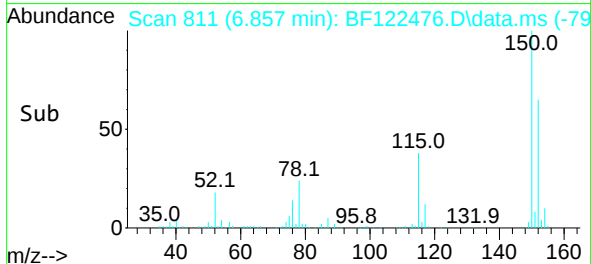
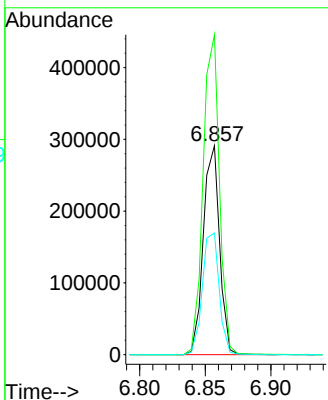
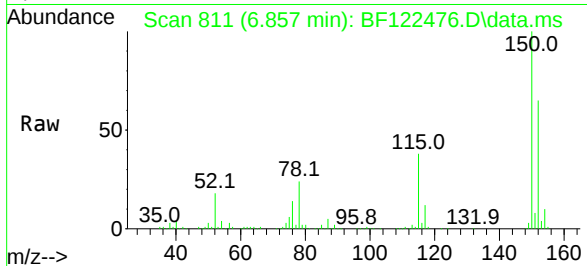




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.857 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF122476.D
 Acq: 25 Nov 2020 10:11

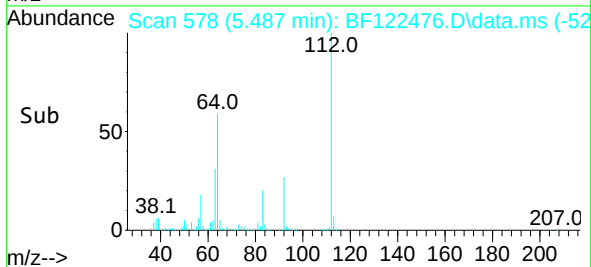
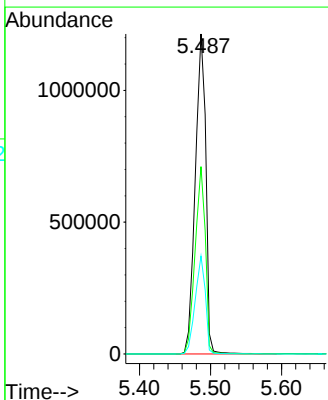
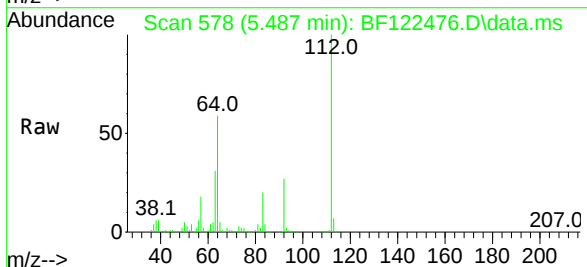
Instrument :
 BNA_F
 ClientSampleId :
 PB133227BL

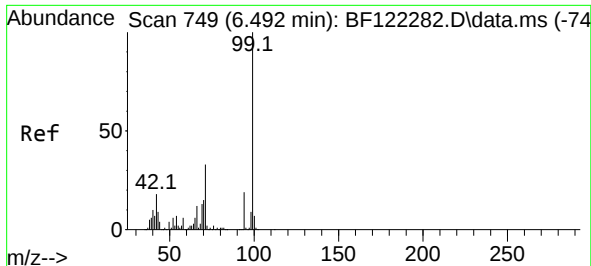
Tgt Ion:152 Resp: 251124
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.3 187.9
 115 58.3 51.9 77.9



#5
 2-Fluorophenol
 Concen: 76.98 ng
 RT: 5.487 min Scan# 578
 Delta R.T. 0.006 min
 Lab File: BF122476.D
 Acq: 25 Nov 2020 10:11

Tgt Ion:112 Resp: 1258895
 Ion Ratio Lower Upper
 112 100
 64 58.5 50.4 75.6
 63 30.6 25.8 38.6

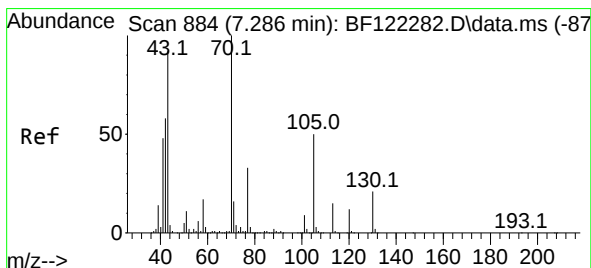
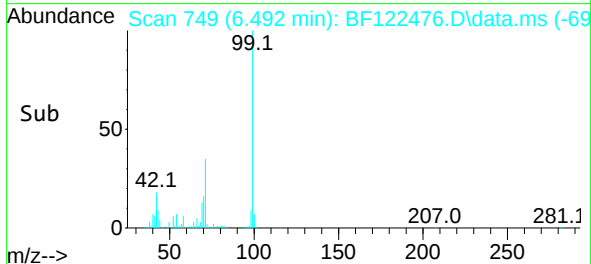
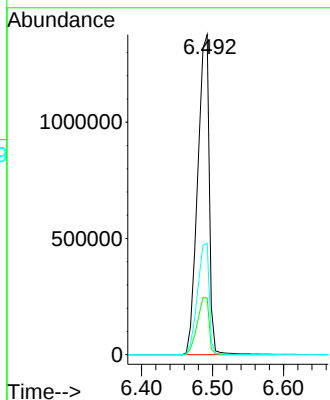
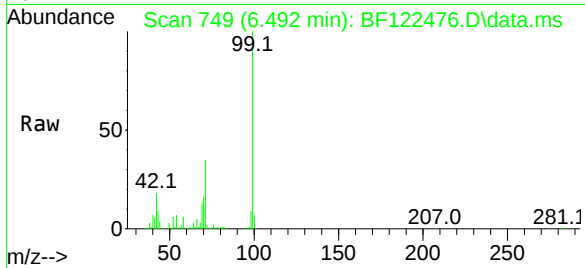




#7
Phenol-d6
Concen: 73.19 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

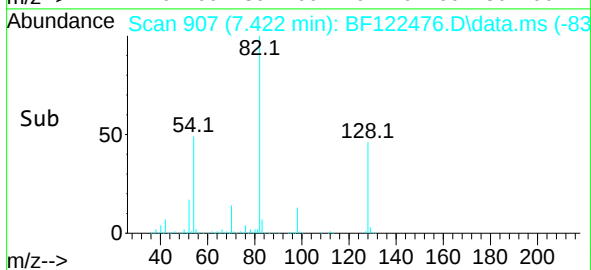
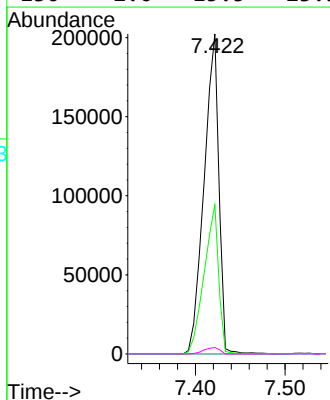
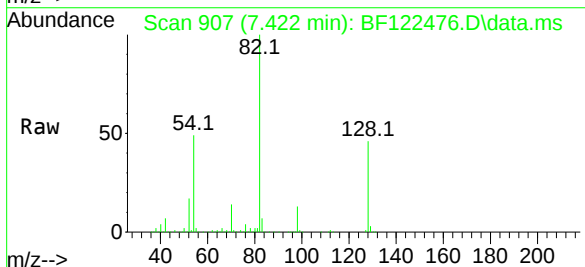
Instrument :
BNA_F
ClientSampleId :
PB133227BL

Tgt Ion: 99 Resp: 1565984
Ion Ratio Lower Upper
99 100
42 17.6 15.9 23.9
71 34.9 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.11 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

Tgt Ion: 70 Resp: 231548
Ion Ratio Lower Upper
70 100
42 46.7 50.2 75.4#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



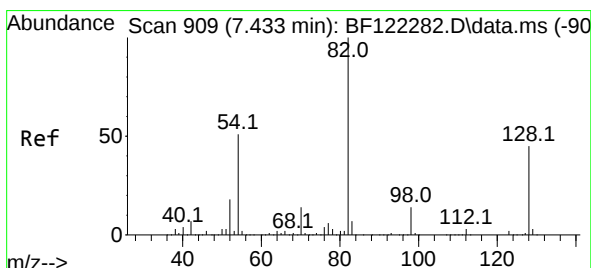
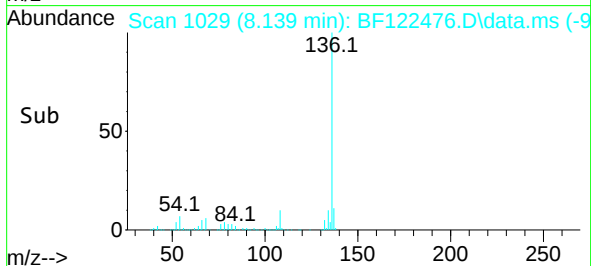
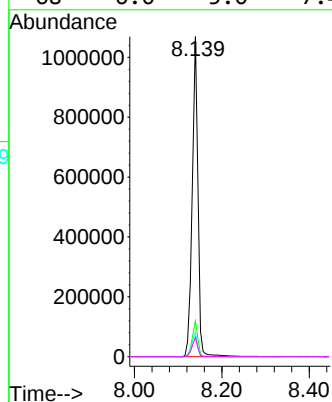
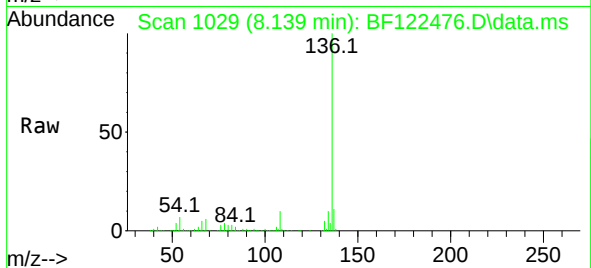


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

Instrument :
BNA_F
ClientSampleId :
PB133227BL

Tgt Ion:136 Resp: 974242

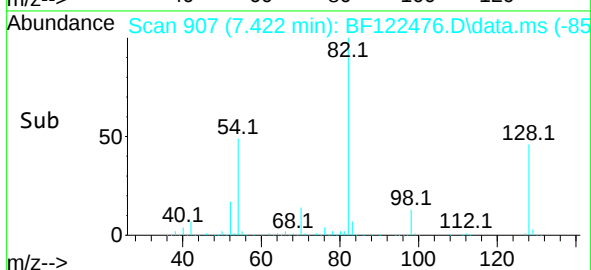
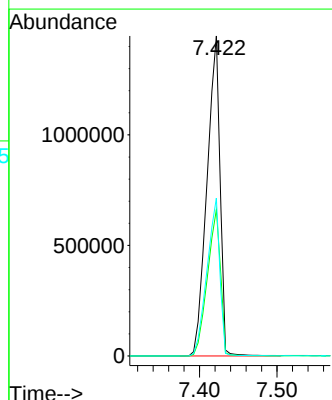
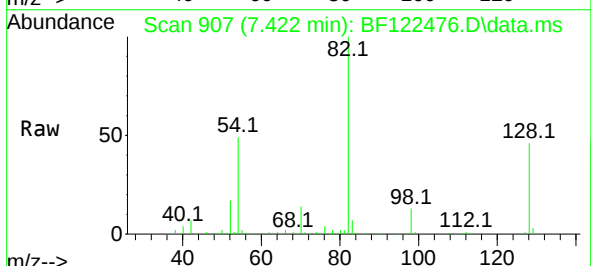
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.5	7.1	10.7
68	6.0	5.0	7.4

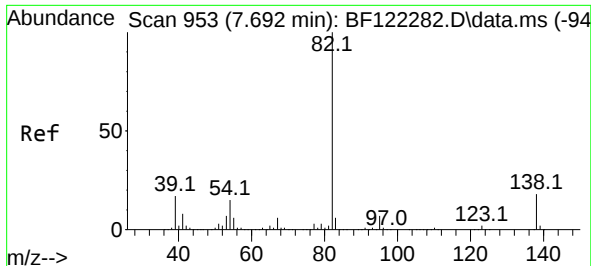


#23
Nitrobenzene-d5
Concen: 106.74 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

Tgt Ion: 82 Resp: 1698720

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.0	52.4
54	49.4	43.9	65.9

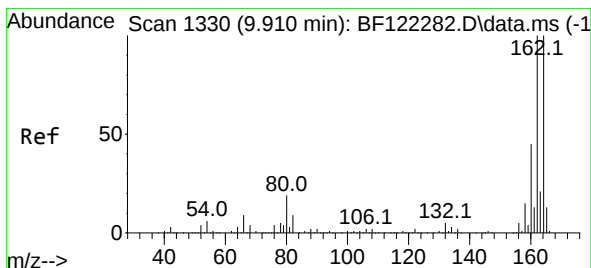
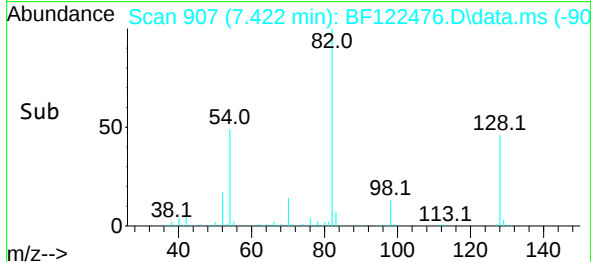
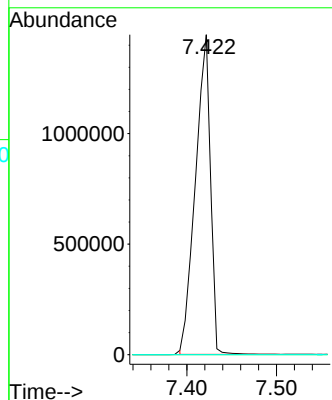
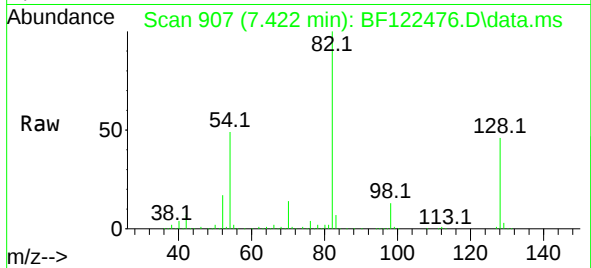




#25
Isophorone
Concen: 47.33 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

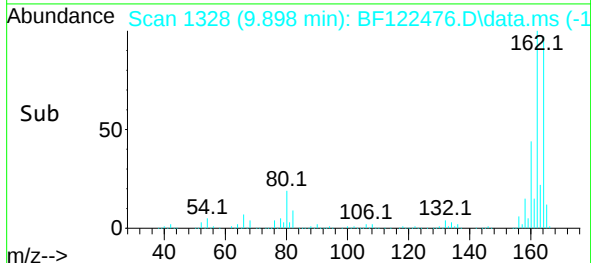
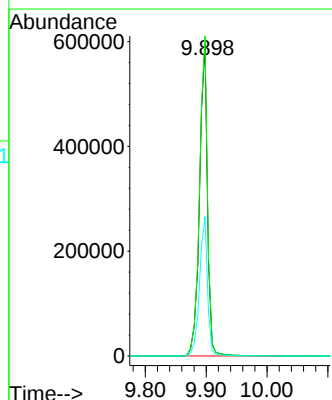
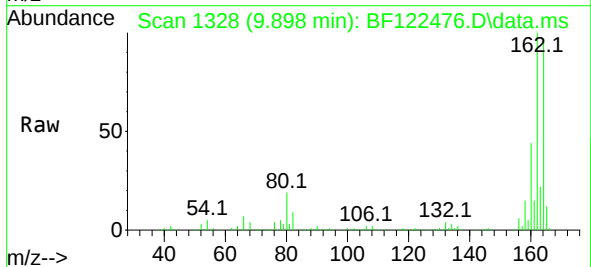
Instrument :
BNA_F
ClientSampleId :
PB133227BL

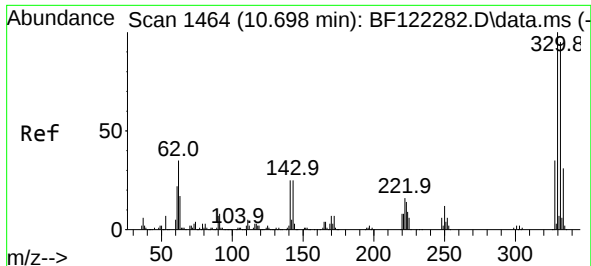
Tgt Ion: 82 Resp: 1679257
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

Tgt Ion: 164 Resp: 543403
Ion Ratio Lower Upper
164 100
162 102.7 83.2 124.8
160 44.7 37.5 56.3

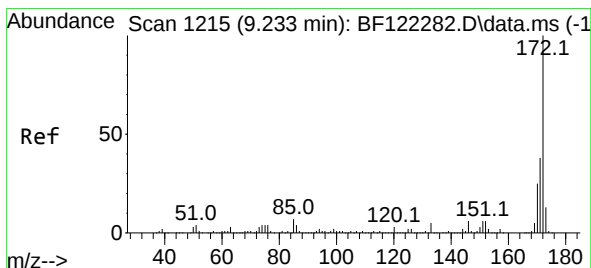
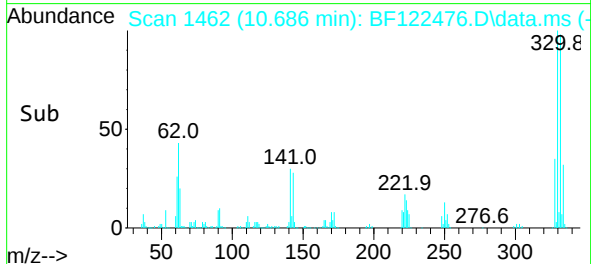
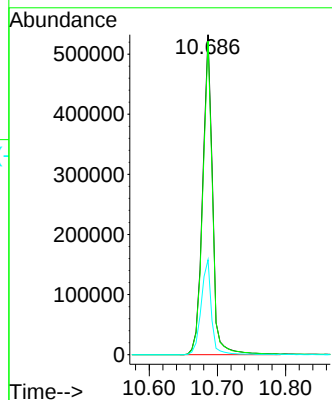
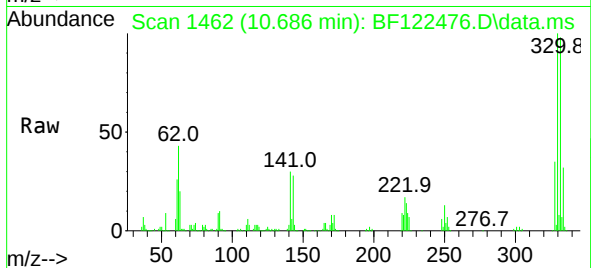




#42
2,4,6-Tribromophenol
Concen: 92.25 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

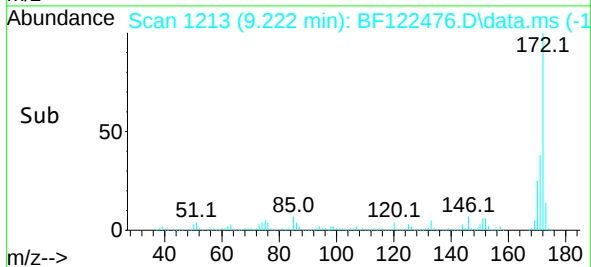
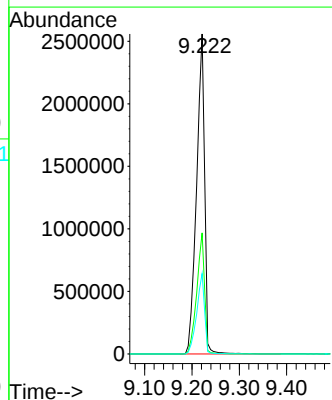
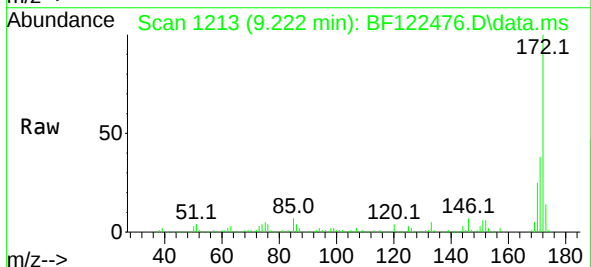
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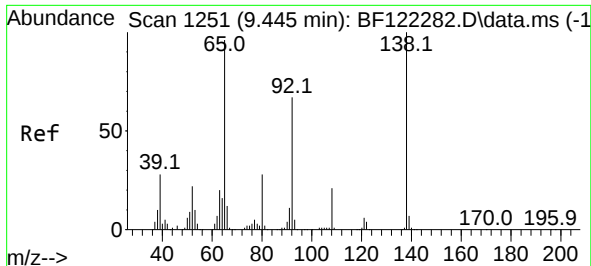
Tgt Ion:330 Resp: 538033
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 30.8 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 87.50 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

Tgt Ion:172 Resp: 3043126
Ion Ratio Lower Upper
172 100
171 37.8 29.1 43.7
170 25.1 19.8 29.6

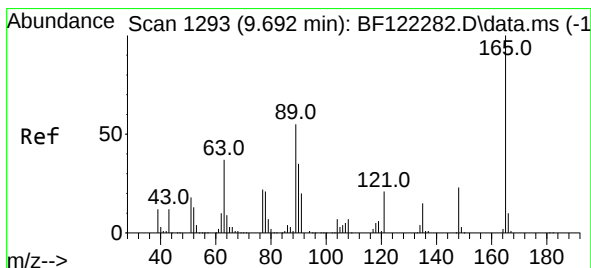
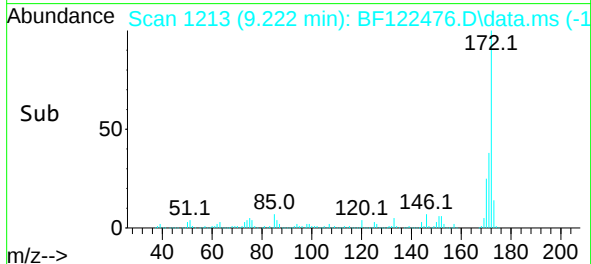
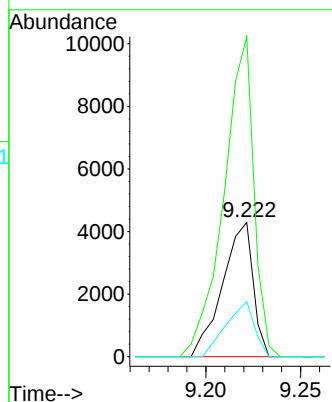
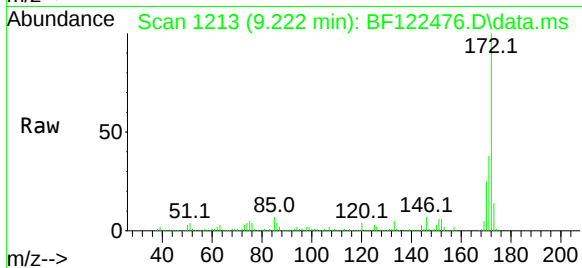




#48
2-Nitroaniline
Concen: 5.59 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.224 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

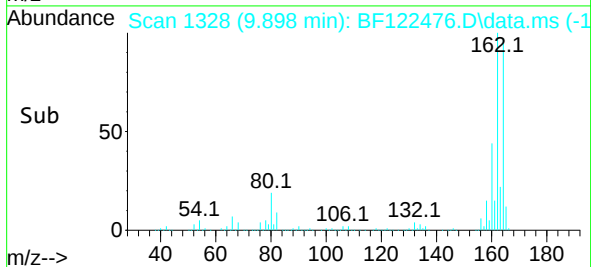
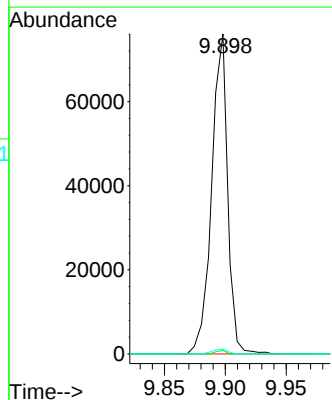
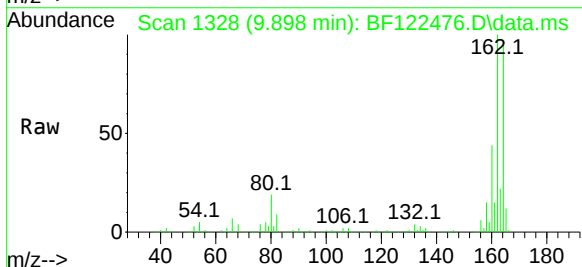
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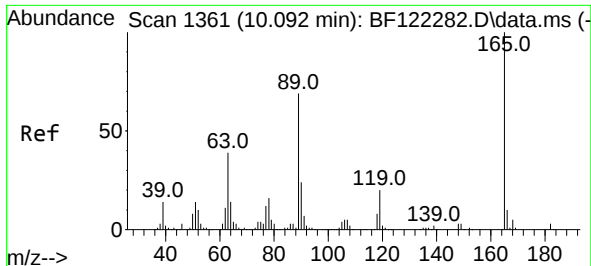
Tgt Ion: 65 Resp: 4812
Ion Ratio Lower Upper
65 100
92 238.3 55.1 82.7#
138 41.0 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 11.25 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

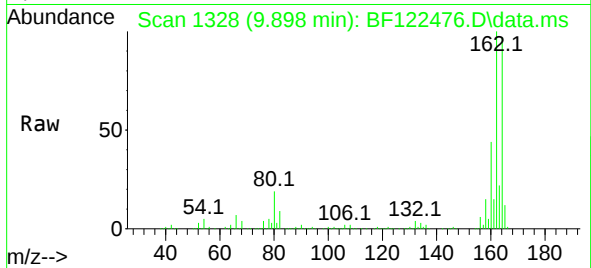
Tgt Ion: 165 Resp: 69394
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.5 49.0 73.6#



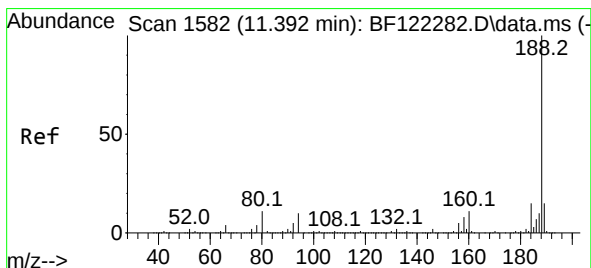
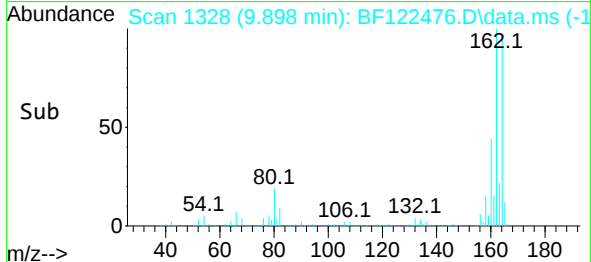
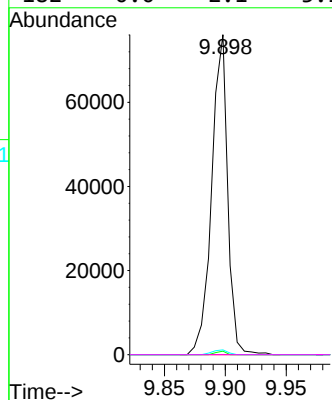


#57
2,4-Dinitrotoluene
Concen: 10.50 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

Instrument :
BNA_F
ClientSampleId :
PB133227BL

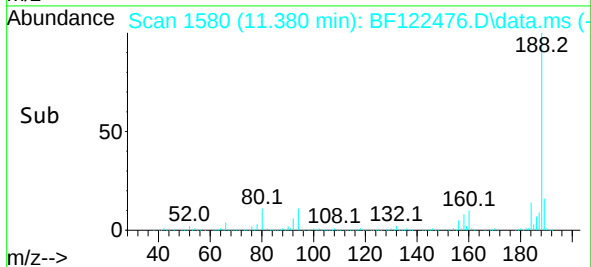
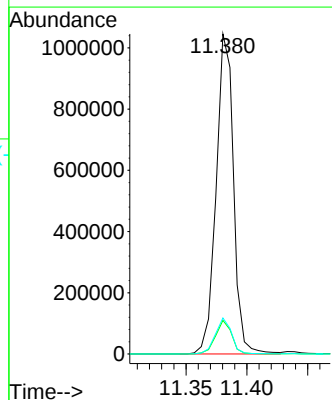
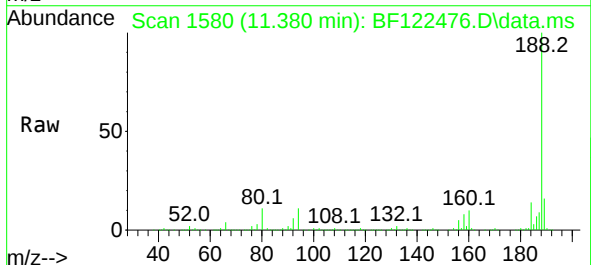


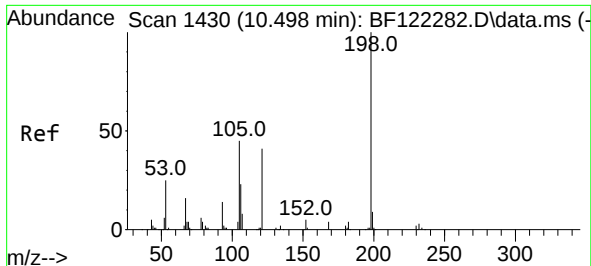
Tgt Ion:165 Resp: 69394
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

Tgt Ion:188 Resp: 1039127
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.2 9.1 13.7

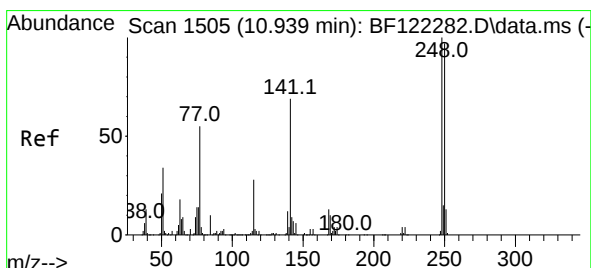
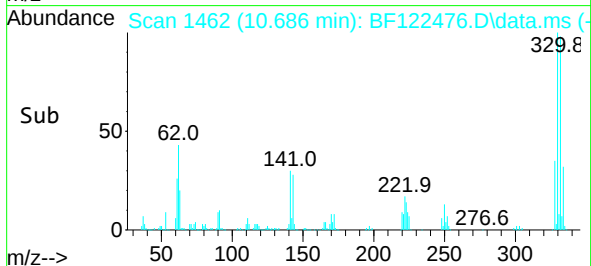
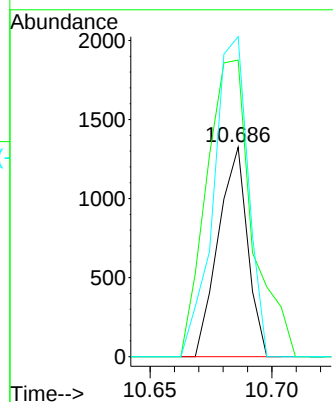
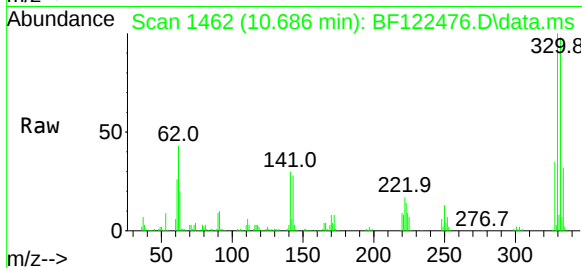




#65
4,6-Dinitro-2-methylphenol
Concen: 6.46 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

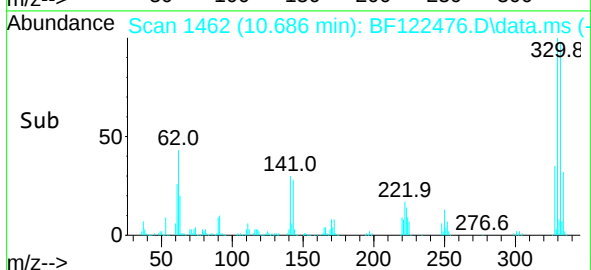
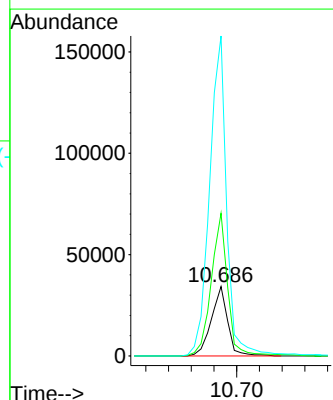
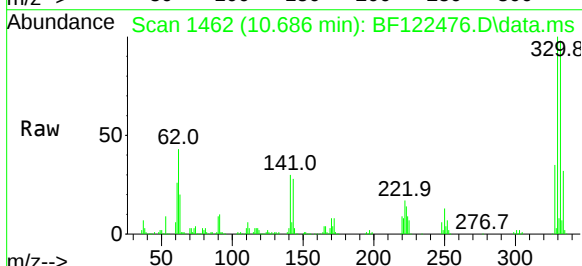
Instrument :
BNA_F
ClientSampleId :
PB133227BL

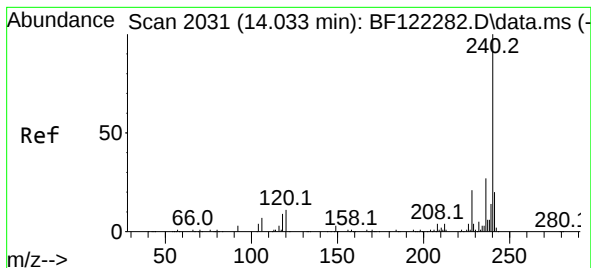
Tgt Ion:198 Resp: 1108
Ion Ratio Lower Upper
198 100
51 141.6 29.6 69.6#
105 152.8 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.81 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

Tgt Ion:248 Resp: 34338
Ion Ratio Lower Upper
248 100
250 205.3 77.0 115.6#
141 460.4 53.7 80.5#

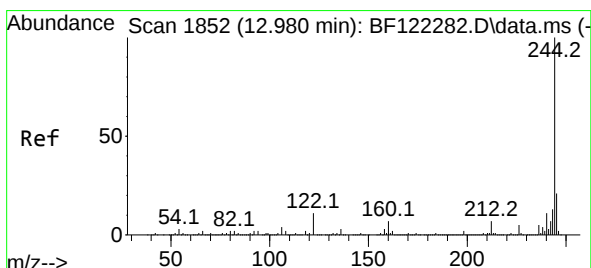
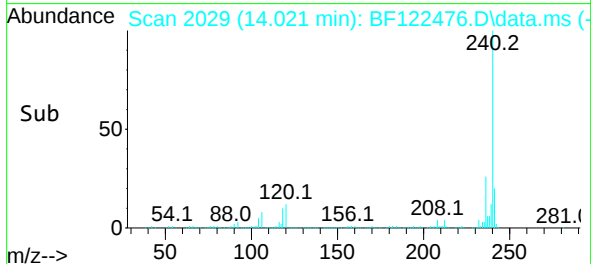
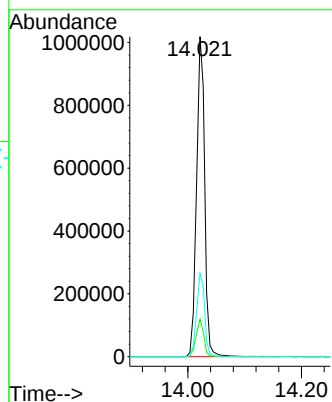
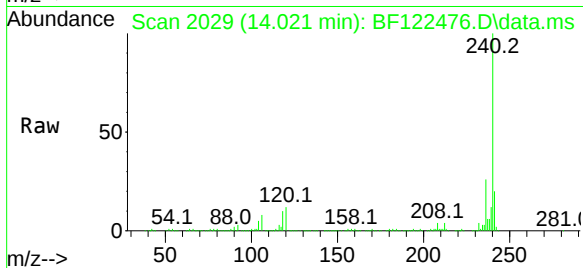




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

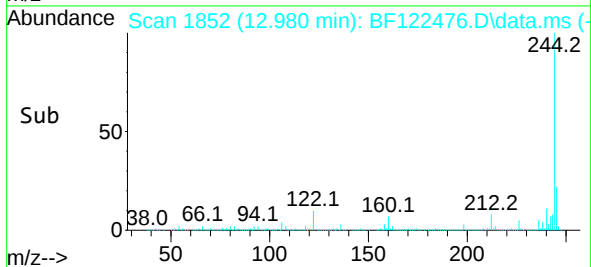
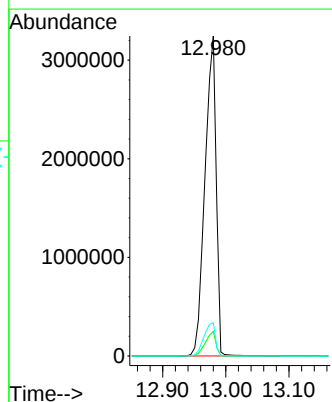
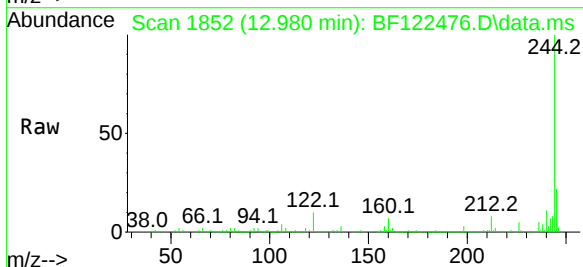
Instrument :
BNA_F
ClientSampleId :
PB133227BL

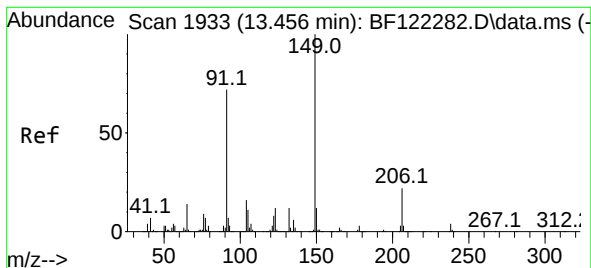
Tgt Ion:240 Resp: 1019337
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 83.07 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

Tgt Ion:244 Resp: 3997149
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 10.4 8.1 12.1

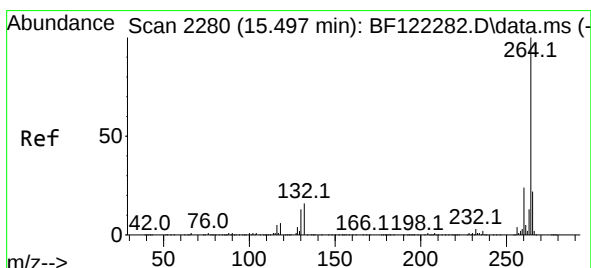
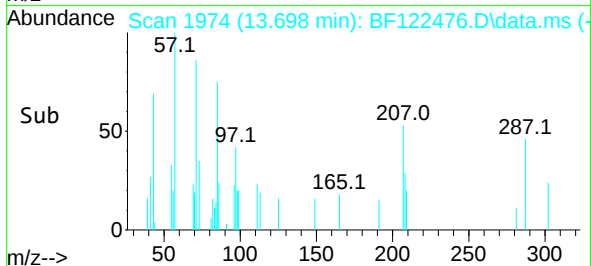
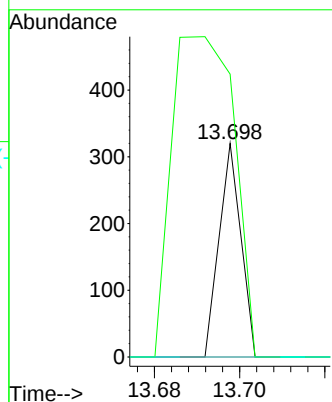
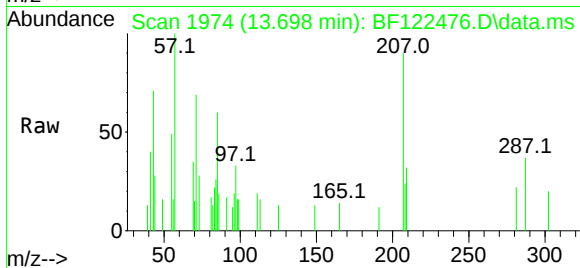




#80
Butylbenzylphthalate
Concen: 3.29 ng
RT: 13.698 min Scan# 1974
Delta R.T. 0.247 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

Instrument :
BNA_F
ClientSampleId :
PB133227BL

Tgt Ion:149 Resp: 113
Ion Ratio Lower Upper
149 100
91 132.5 61.0 91.4#
206 0.0 16.7 25.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.012 min
Lab File: BF122476.D
Acq: 25 Nov 2020 10:11

Tgt Ion:264 Resp: 1008024
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.8 17.3 25.9

