

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
 Data File : BF122291.D
 Acq On : 10 Nov 2020 11:08
 Operator : JU/CG
 Sample : PB132384BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132384BL

Quant Time: Nov 10 12:39:44 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 10 12:25:42 2020
 Response via : Initial Calibration

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

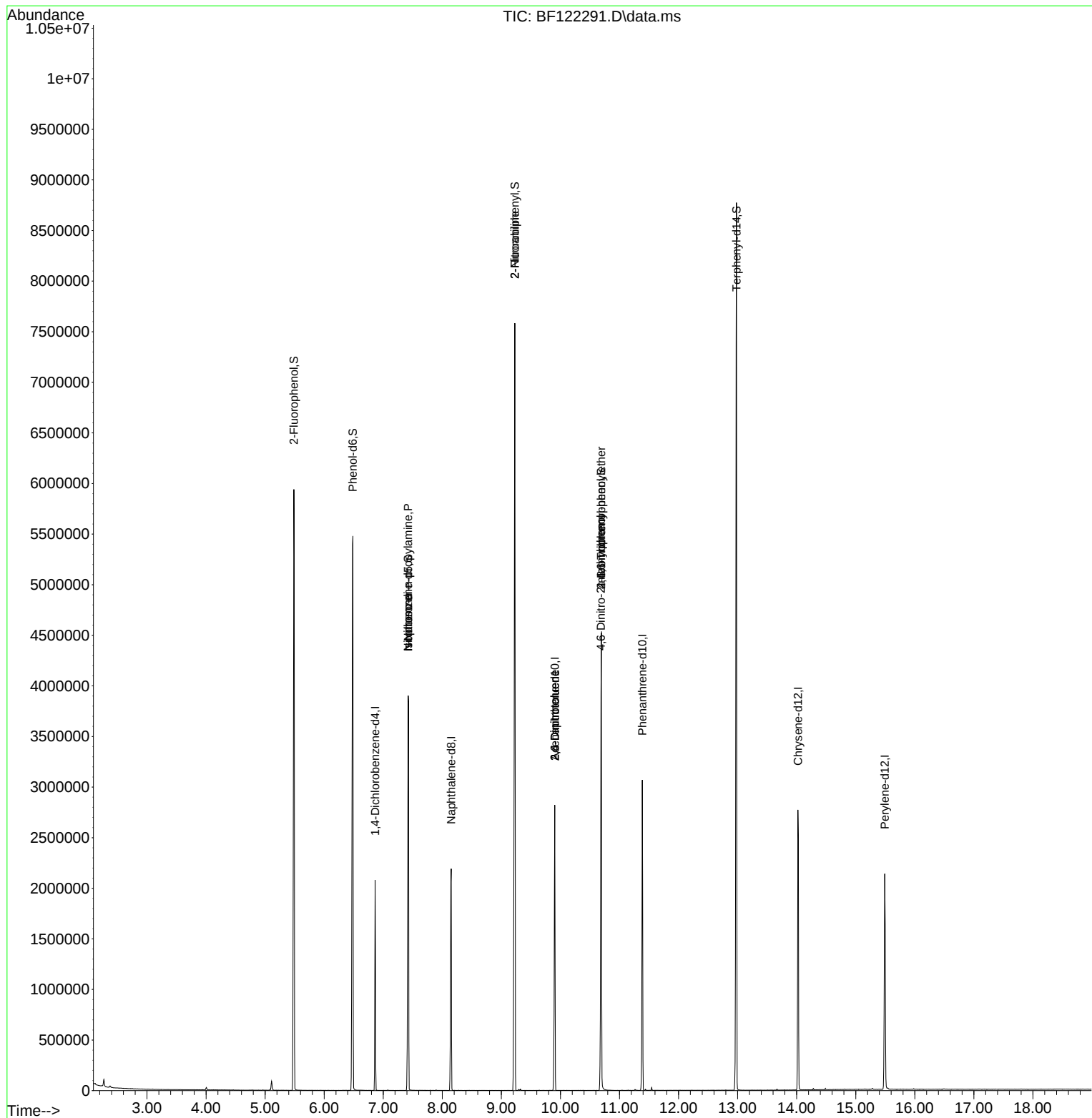
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	285167	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1098838	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	577739	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1064350	20.00	ng	0.00
76) Chrysene-d12	14.021	240	945698	20.00	ng	-0.01
86) Perylene-d12	15.492	264	920138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1856917	99.99	ng	0.01
7) Phenol-d6	6.486	99	2326733	95.77	ng	0.00
23) Nitrobenzene-d5	7.422	82	1516566	84.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	581192	93.73	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2735693	73.98	ng	0.00
79) Terphenyl-d14	12.980	244	2871917	64.34	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.486	77	3783	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	209422	14.42	ng	# 78
25) Isophorone	7.422	82	1461659	36.53	ng	# 67
48) 2-Nitroaniline	9.227	65	4900	5.57	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	74815	11.35	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	74815	10.58	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	1400	6.53	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	37323	2.98	ng	# 1

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

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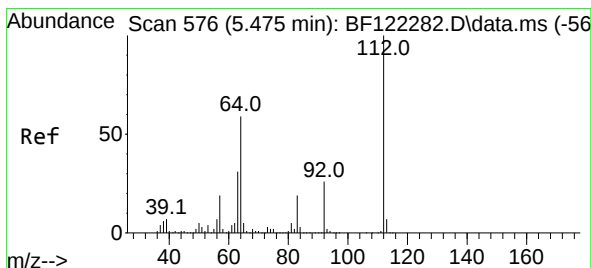
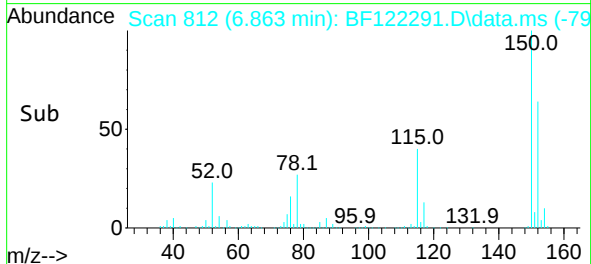
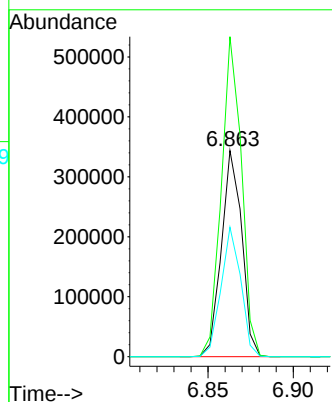
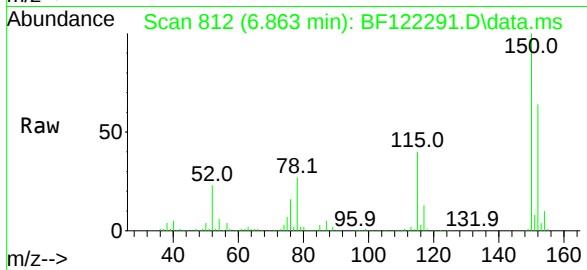




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

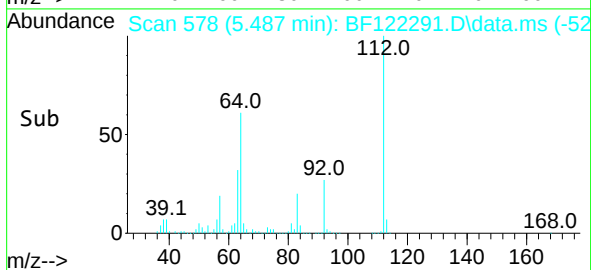
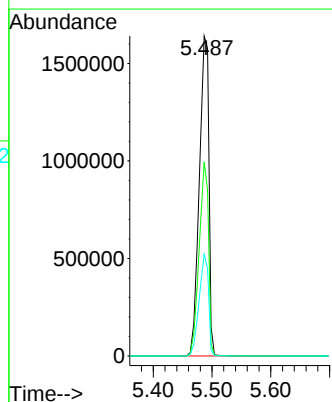
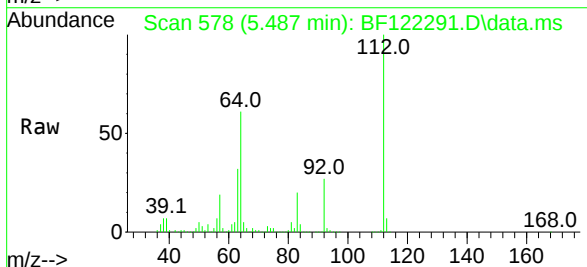
Instrument :
BNA_F
ClientSampleId :
PB132384BL

Tgt Ion:152 Resp: 285167
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 62.8 51.9 77.9



#5
2-Fluorophenol
Concen: 99.99 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

Tgt Ion:112 Resp: 1856917
Ion Ratio Lower Upper
112 100
64 60.6 50.4 75.6
63 31.8 25.8 38.6

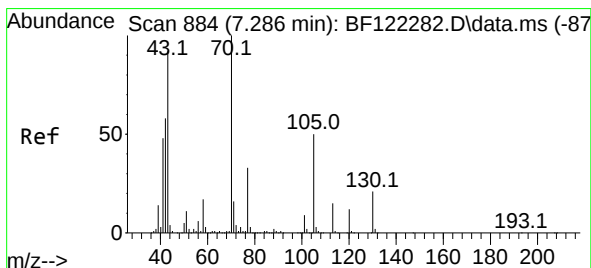
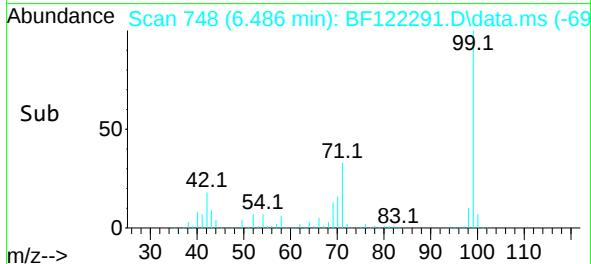
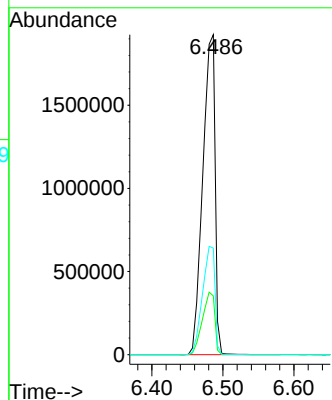
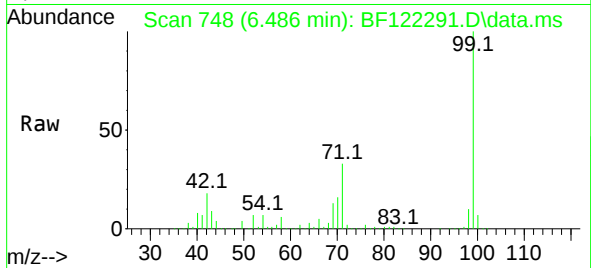




#7
Phenol-d6
Concen: 95.77 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

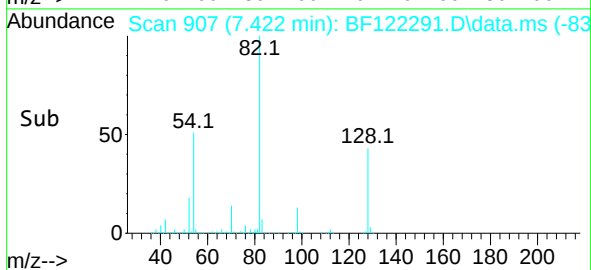
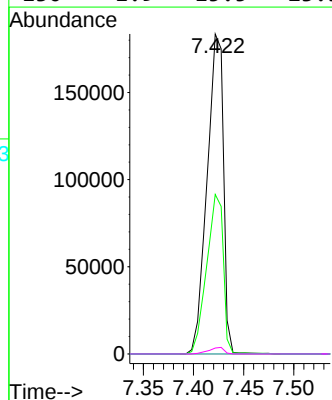
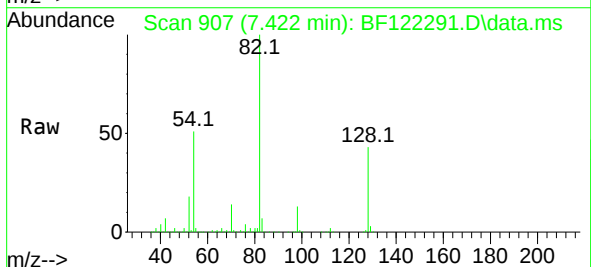
Instrument :
BNA_F
ClientSampleId :
PB132384BL

Tgt Ion: 99 Resp: 2326733
Ion Ratio Lower Upper
99 100
42 18.4 15.9 23.9
71 33.3 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.42 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

Tgt Ion: 70 Resp: 209422
Ion Ratio Lower Upper
70 100
42 49.9 50.2 75.4#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



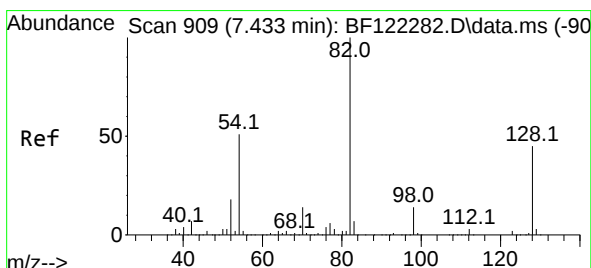
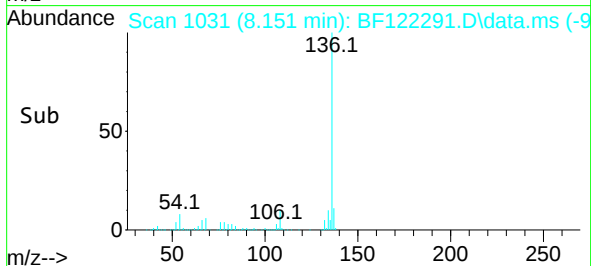
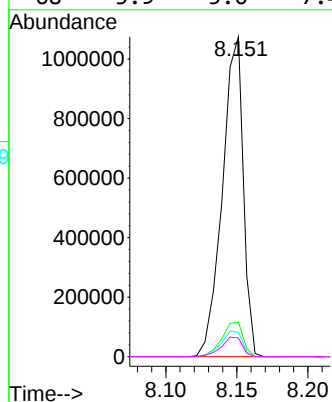
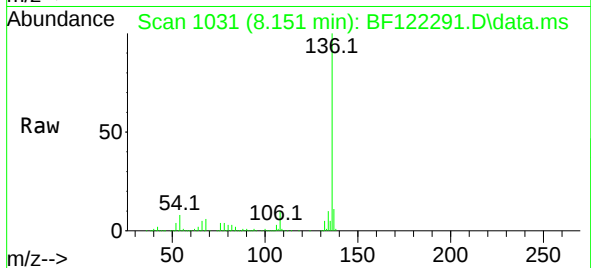


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

Instrument :
BNA_F
ClientSampleId :
PB132384BL

Tgt Ion:136 Resp: 1098838

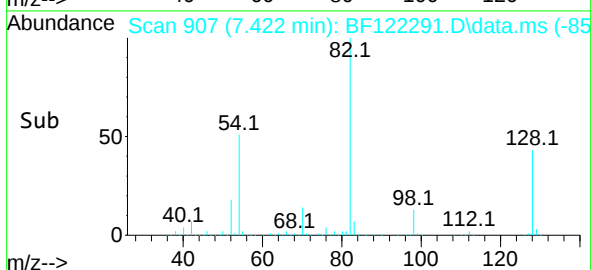
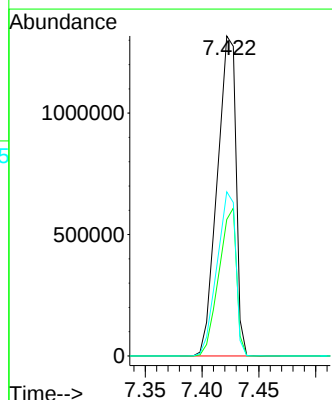
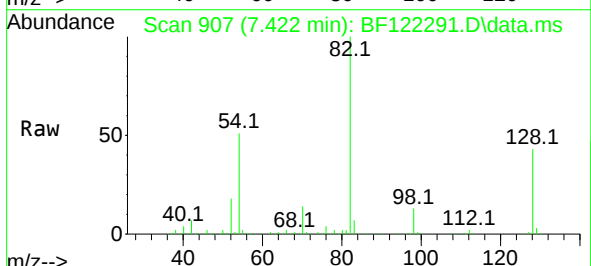
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.6	7.1	10.7
68	5.9	5.0	7.4

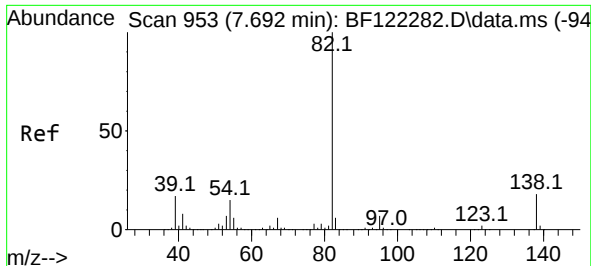


#23
Nitrobenzene-d5
Concen: 84.49 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

Tgt Ion: 82 Resp: 1516566

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.0	52.4
54	51.3	43.9	65.9

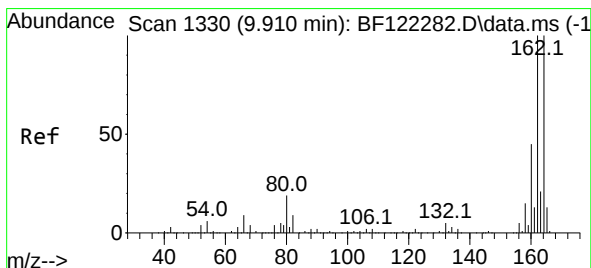
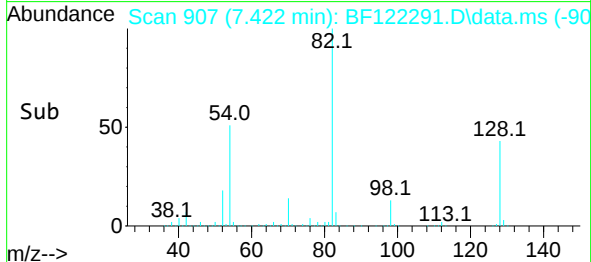
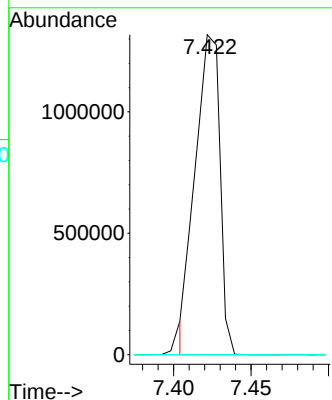
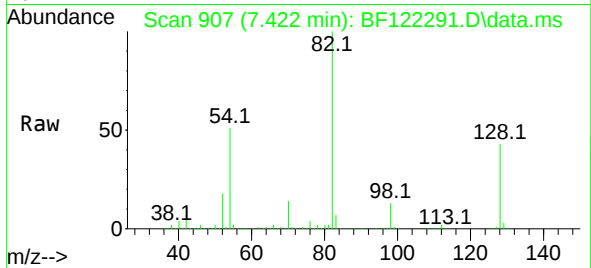




#25
Isophorone
Concen: 36.53 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.270 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

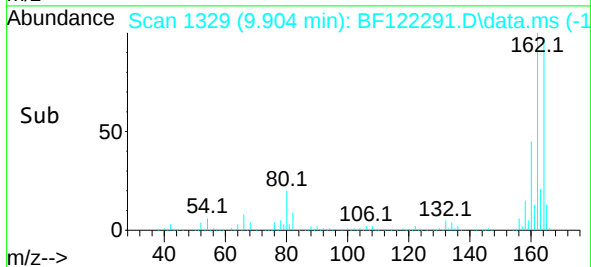
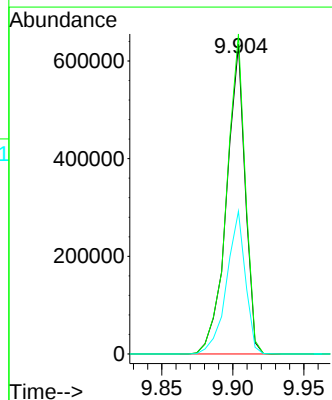
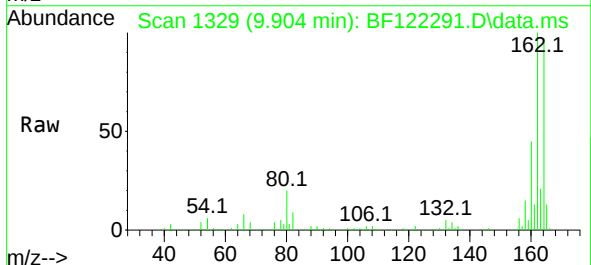
Instrument :
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ClientSampleId :
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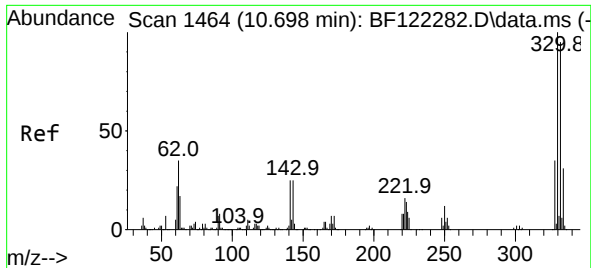
Tgt Ion: 82 Resp: 1461659
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

Tgt Ion: 164 Resp: 577739
Ion Ratio Lower Upper
164 100
162 103.4 83.2 124.8
160 46.1 37.5 56.3

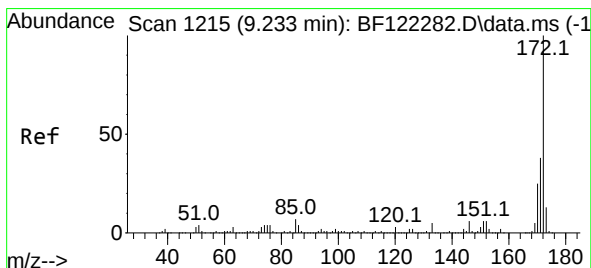
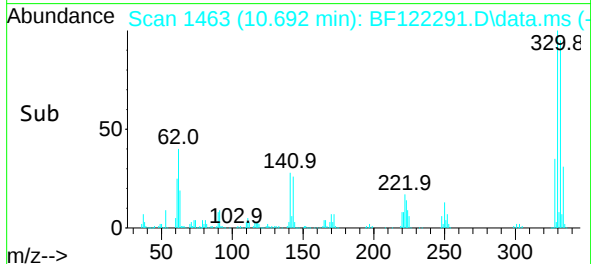
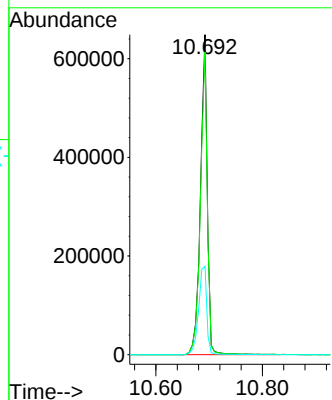
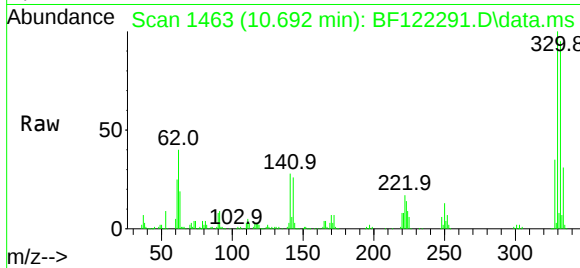




#42
2,4,6-Tribromophenol
Concen: 93.73 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

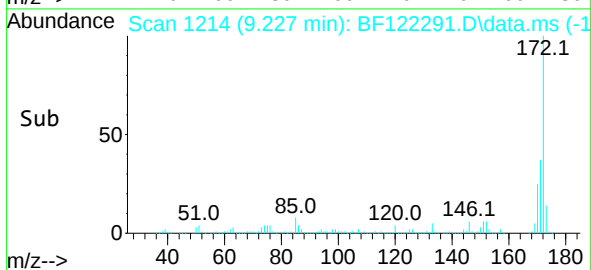
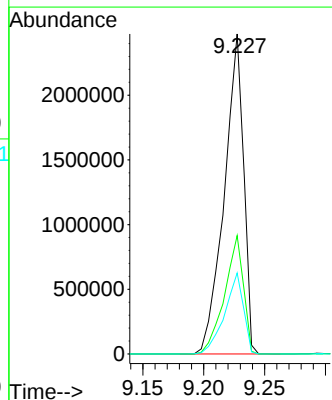
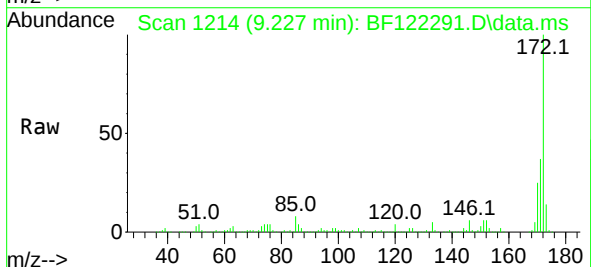
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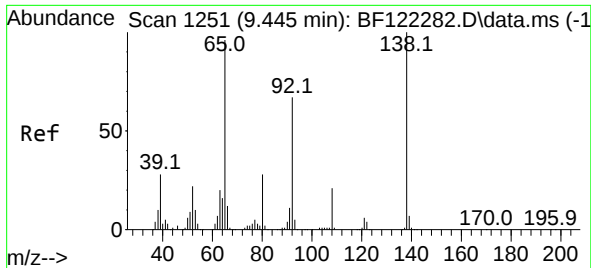
Tgt Ion: 330 Resp: 581192
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 33.2 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 73.98 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

Tgt Ion: 172 Resp: 2735693
Ion Ratio Lower Upper
172 100
171 37.0 29.1 43.7
170 25.3 19.8 29.6

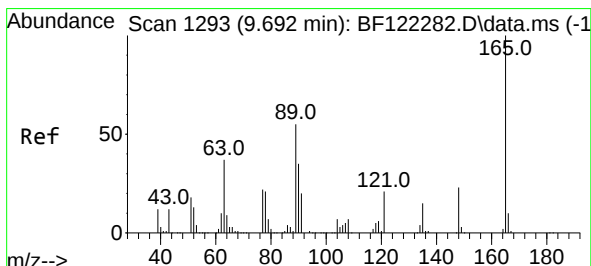
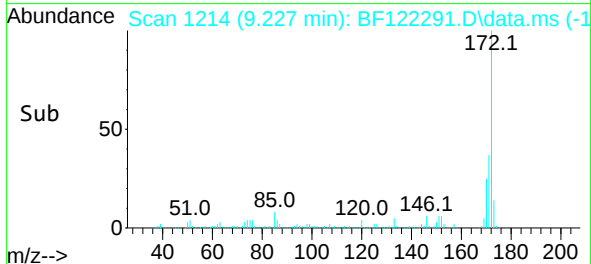
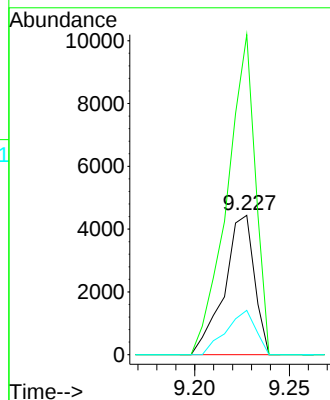
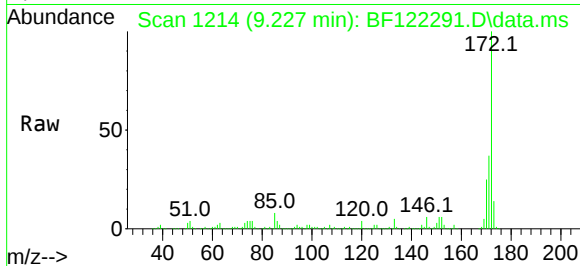




#48
2-Nitroaniline
Concen: 5.57 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.218 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

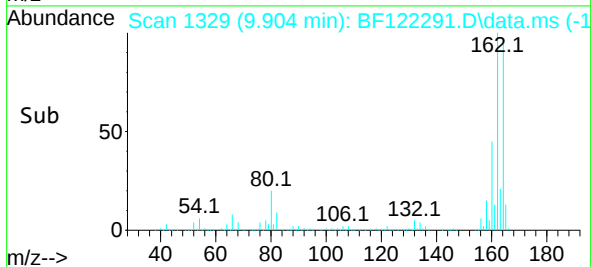
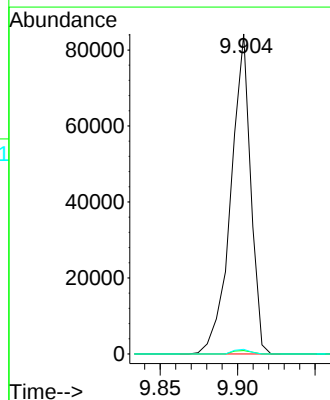
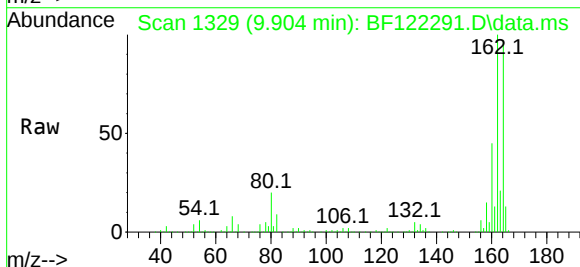
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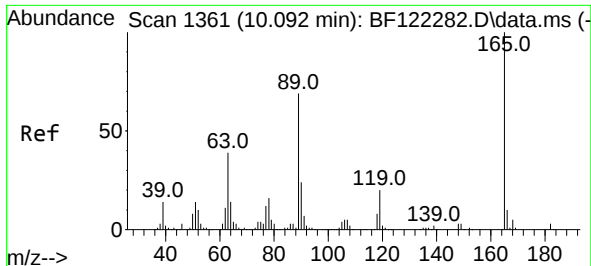
Tgt Ion: 65 Resp: 4900
Ion Ratio Lower Upper
65 100
92 229.6 55.1 82.7#
138 31.8 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 11.35 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

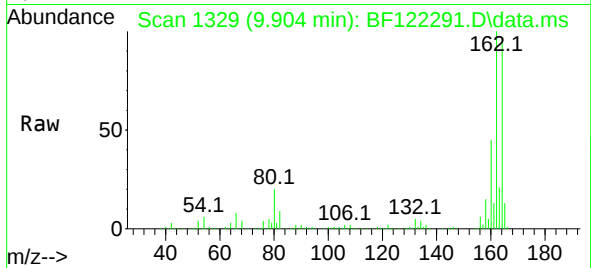
Tgt Ion: 165 Resp: 74815
Ion Ratio Lower Upper
165 100
63 1.0 51.8 77.6#
89 1.5 49.0 73.6#



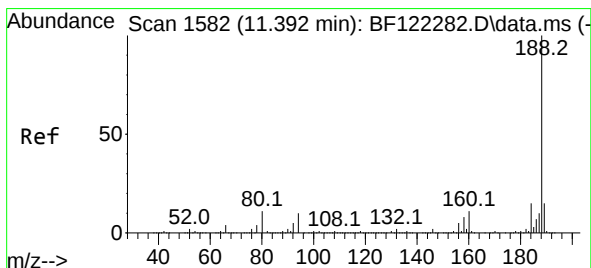
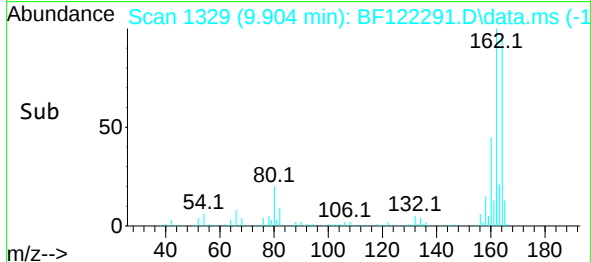
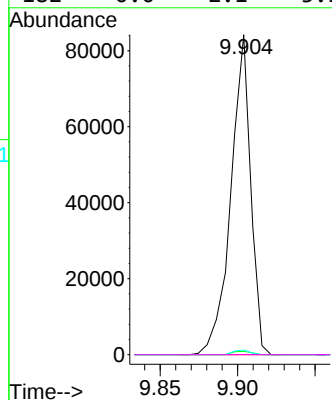


#57
2,4-Dinitrotoluene
Concen: 10.58 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

Instrument :
BNA_F
ClientSampleId :
PB132384BL

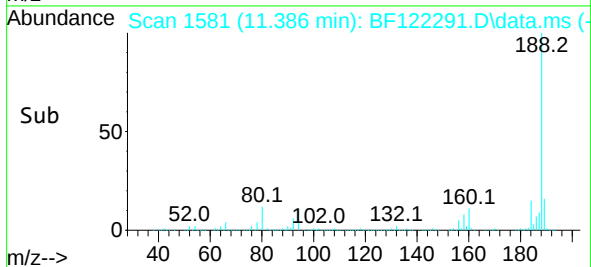
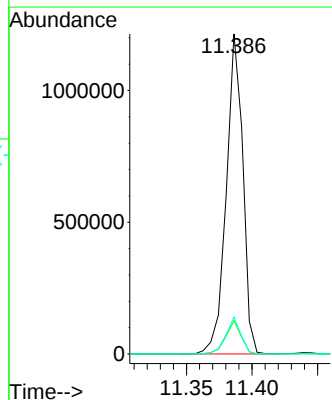
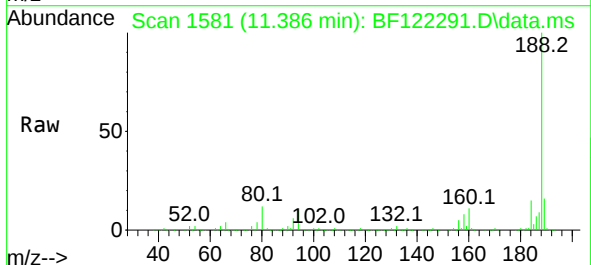


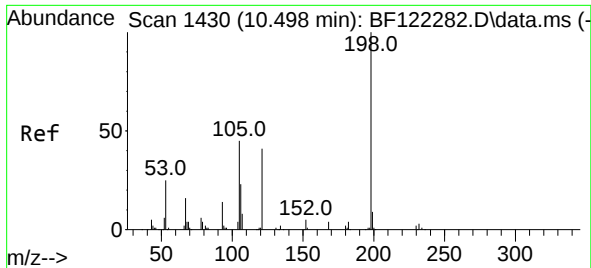
Tgt Ion:165 Resp: 74815
Ion Ratio Lower Upper
165 100
63 1.0 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

Tgt Ion:188 Resp: 1064350
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.5 9.1 13.7

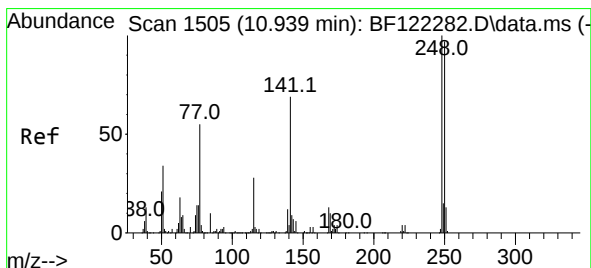
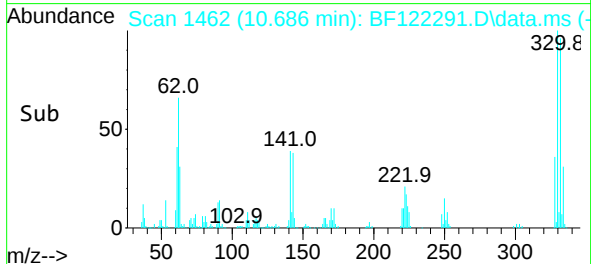
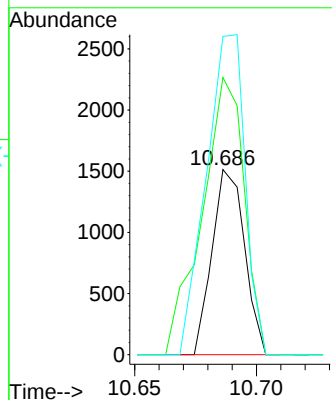
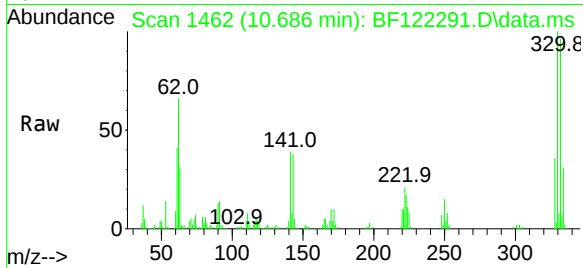




#65
4,6-Dinitro-2-methylphenol
Concen: 6.53 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

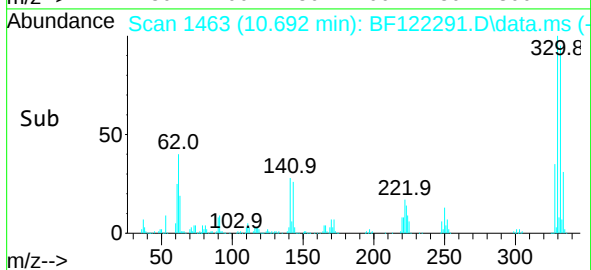
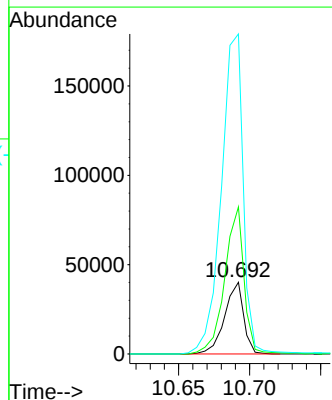
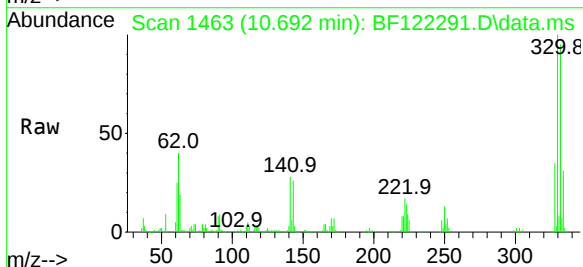
Instrument :
BNA_F
ClientSampleId :
PB132384BL

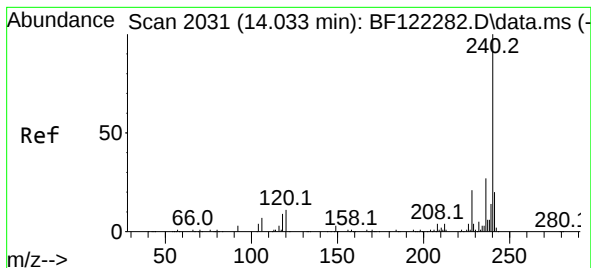
Tgt Ion	198	Resp	1400
Ion Ratio	100		
Lower	29.6		
Upper	69.6#		
51	149.8		
105	172.0		
	24.4		
	64.4#		



#67
4-Bromophenyl-phenylether
Concen: 2.98 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

Tgt Ion	248	Resp	37323
Ion Ratio <th>248</th> <td>100</td> <td></td>	248	100	
Lower <td>77.0</td> <td></td> <td></td>	77.0		
Upper <td>115.6#</td> <td></td> <td></td>	115.6#		
250	204.9		
141	445.9		
	53.7		
	80.5#		

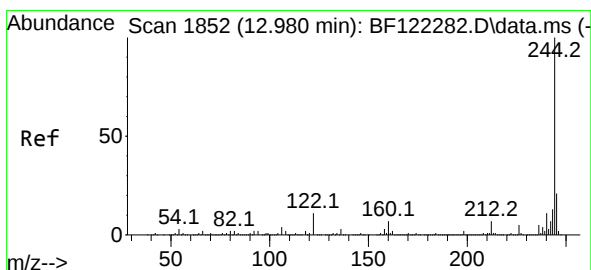
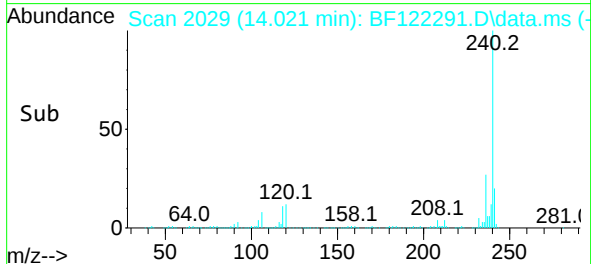
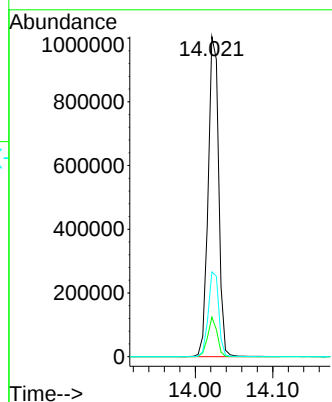
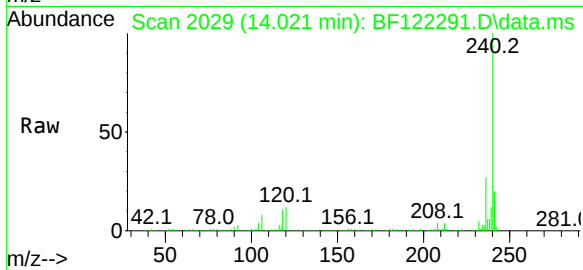




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

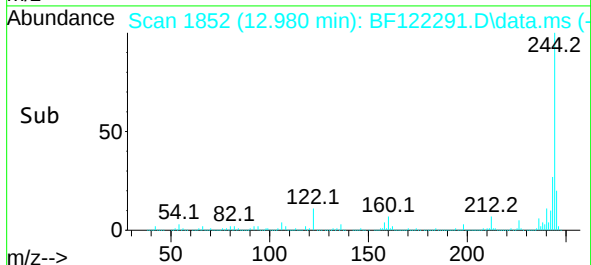
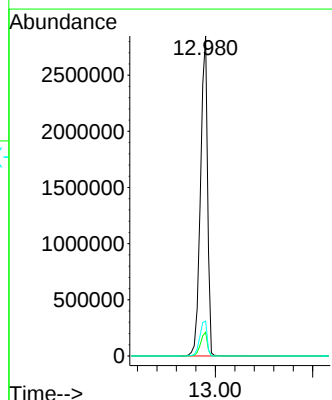
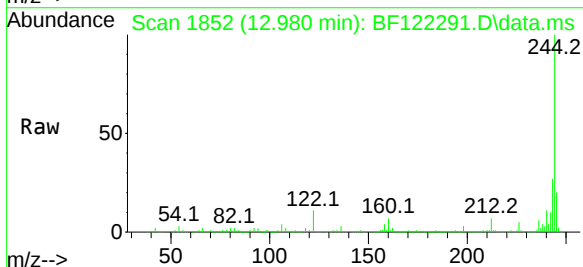
Instrument :
BNA_F
ClientSampleId :
PB132384BL

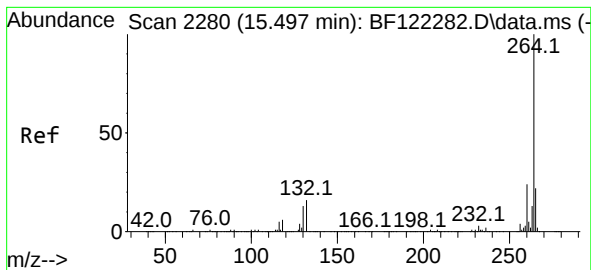
Tgt Ion:240 Resp: 945698
Ion Ratio Lower Upper
240 100
120 12.3 9.2 13.8
236 26.5 20.9 31.3



#79
Terphenyl-d14
Concen: 64.34 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

Tgt Ion:244 Resp: 2871917
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 10.9 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF122291.D
Acq: 10 Nov 2020 11:08

Instrument :
BNA_F
ClientSampleId :
PB132384BL

Tgt Ion:264 Resp: 920138

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.5	17.3	25.9

