

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122444.D
 Acq On : 23 Nov 2020 13:07
 Operator : JU/CG
 Sample : PB113180BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133180BL

Quant Time: Nov 23 13:43:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

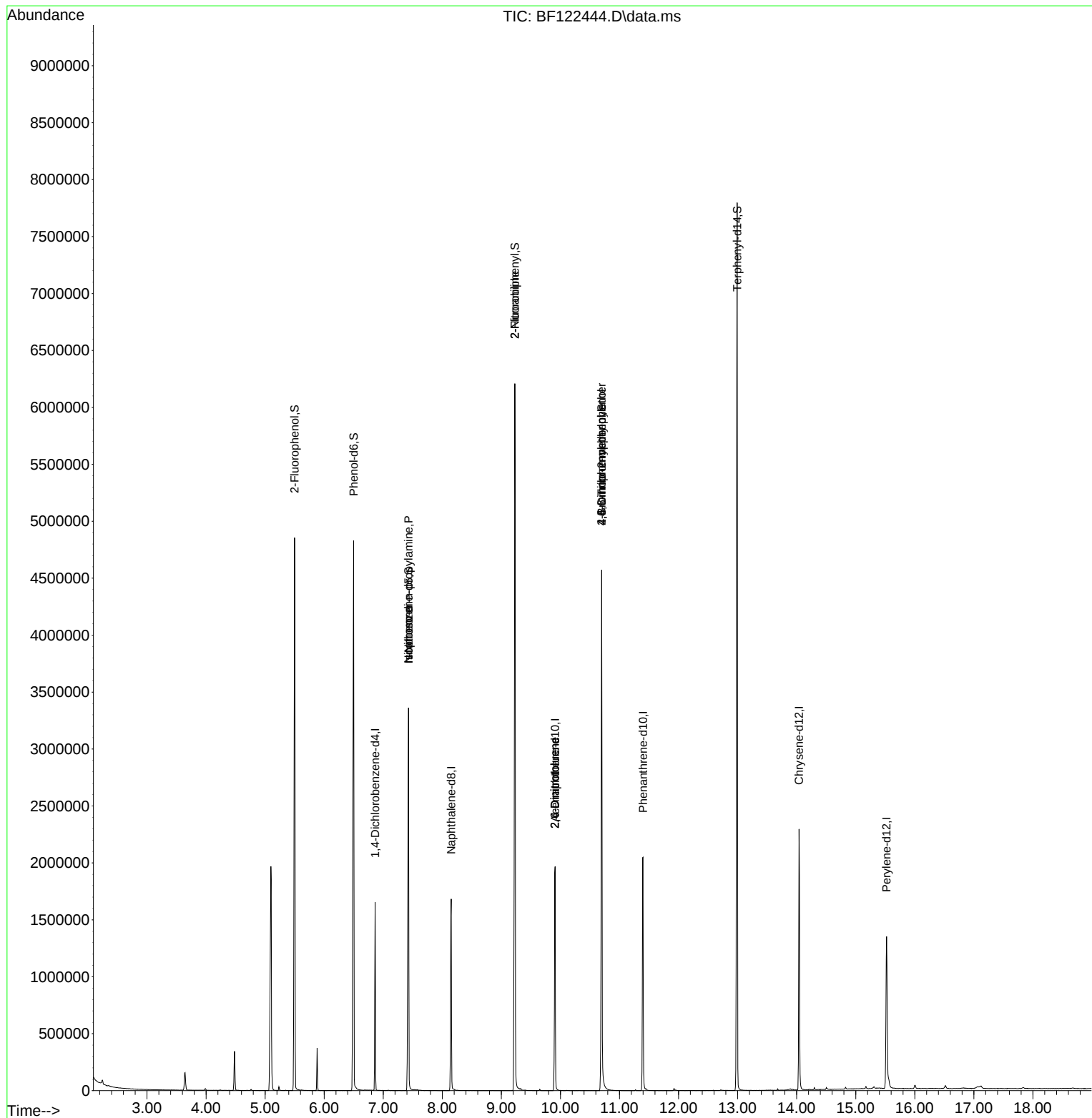
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	227250	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	881200	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	463646	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	900463	20.00	ng	0.00
76) Chrysene-d12	14.039	240	853733	20.00	ng	-0.01
86) Perylene-d12	15.521	264	732028	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1570659	106.13	ng	0.00
7) Phenol-d6	6.498	99	1954045	100.93	ng	-0.01
23) Nitrobenzene-d5	7.428	82	1257826	87.39	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	661383	132.91	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2357095	79.43	ng	0.00
79) Terphenyl-d14	12.992	244	2750768	68.26	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	307	Below Cal		91
19) n-Nitroso-di-n-propyla...	7.428	70	169900	14.68	ng	# 75
25) Isophorone	7.428	82	1241699	38.70	ng	# 67
48) 2-Nitroaniline	9.228	65	3907	5.57	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	59340	11.26	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	59340	10.51	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	1253	6.55	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	42406	4.01	ng	# 1

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

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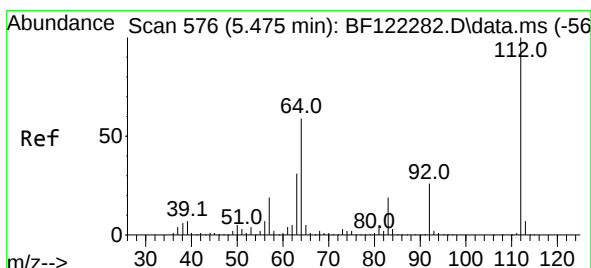
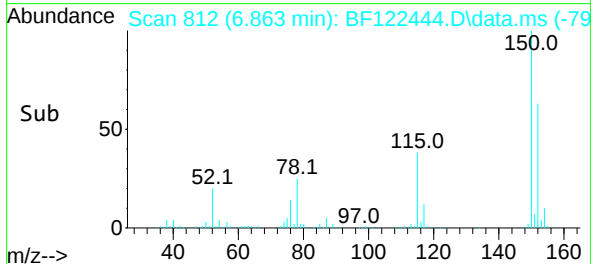
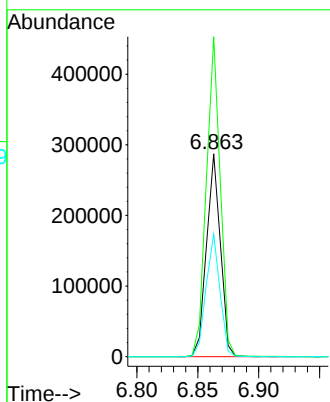
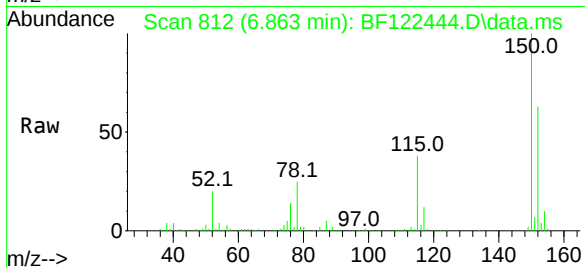




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

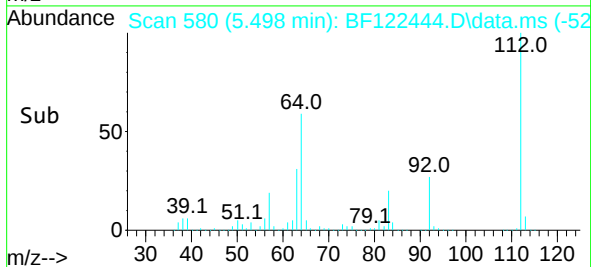
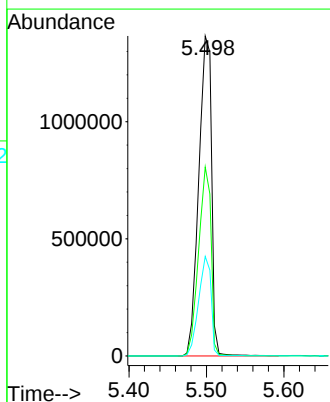
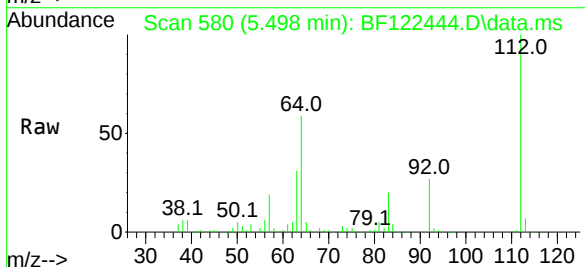
Instrument :
BNA_F
ClientSampleId :
PB133180BL

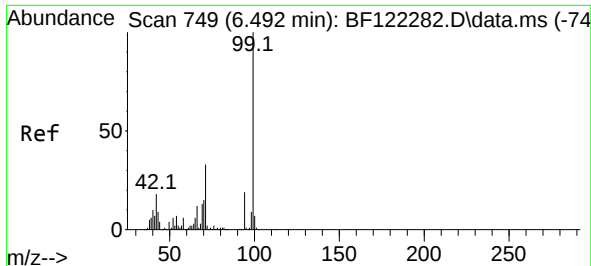
Tgt Ion:152 Resp: 227250
Ion Ratio Lower Upper
152 100
150 157.7 125.3 187.9
115 60.4 51.9 77.9



#5
2-Fluorophenol
Concen: 106.13 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

Tgt Ion:112 Resp: 1570659
Ion Ratio Lower Upper
112 100
64 59.0 50.4 75.6
63 31.1 25.8 38.6

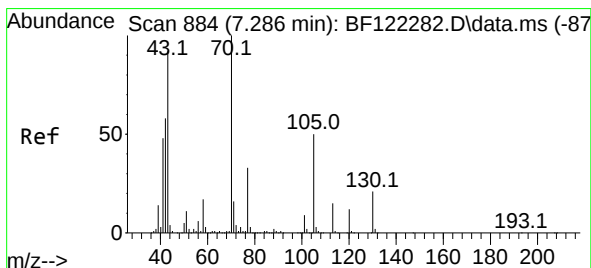
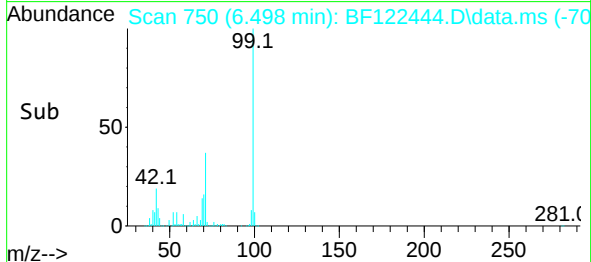
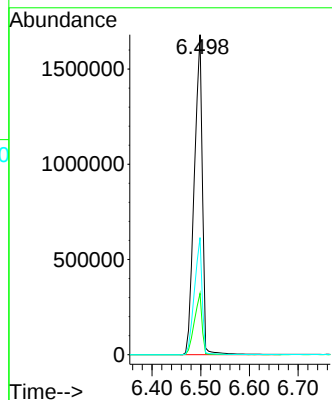
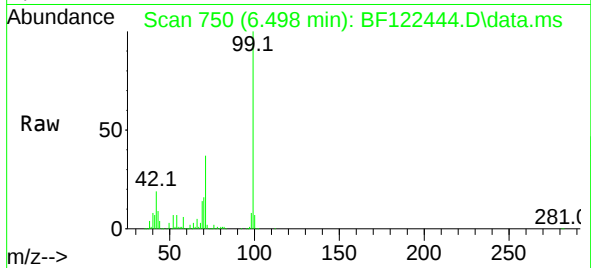




#7
Phenol-d6
Concen: 100.93 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

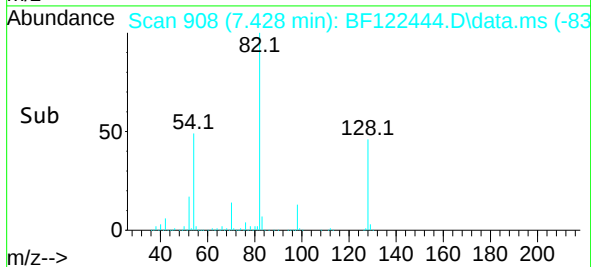
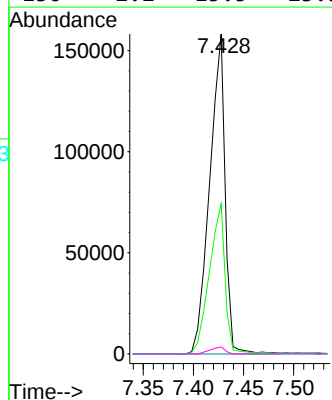
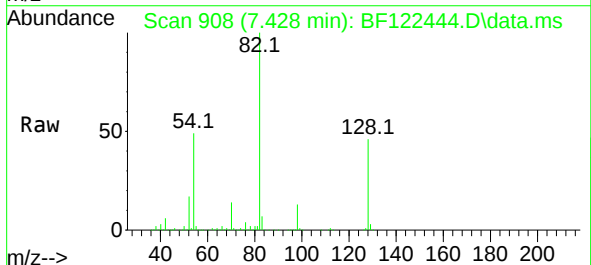
Instrument :
BNA_F
ClientSampleId :
PB133180BL

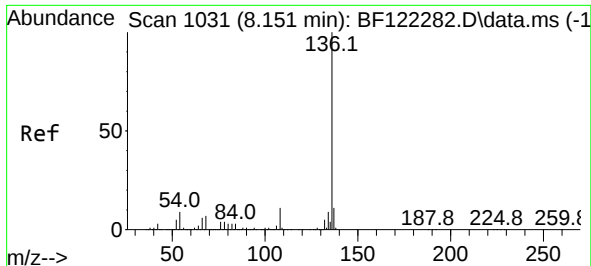
Tgt Ion: 99 Resp: 1954045
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 36.6 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.68 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

Tgt Ion: 70 Resp: 169900
Ion Ratio Lower Upper
70 100
42 46.9 50.2 75.4#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#

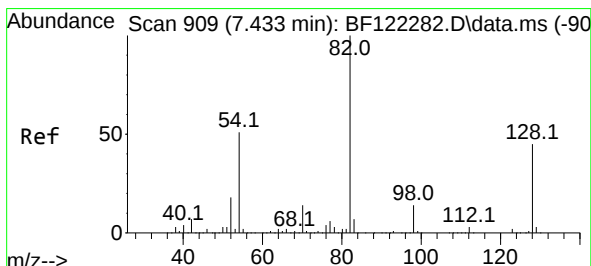
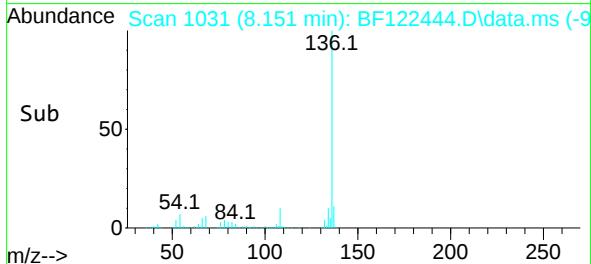
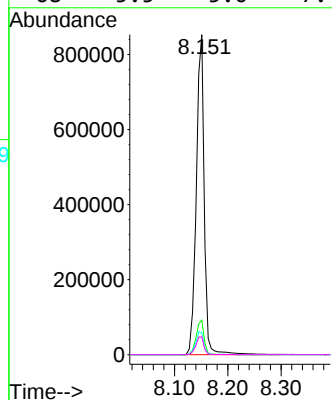
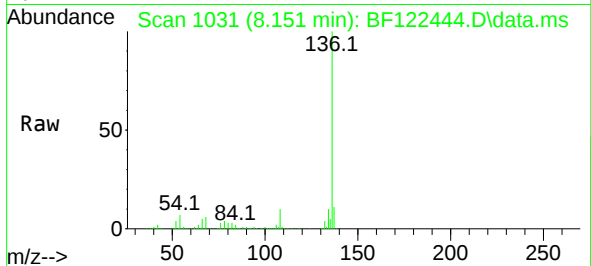




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

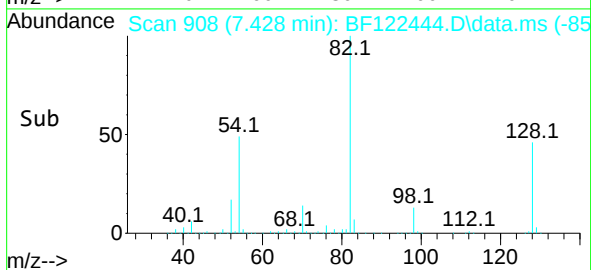
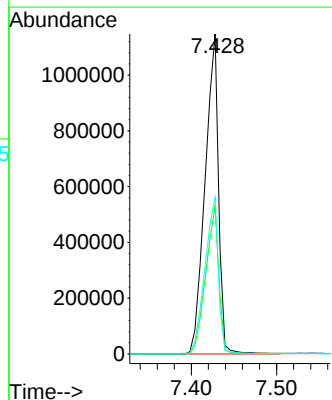
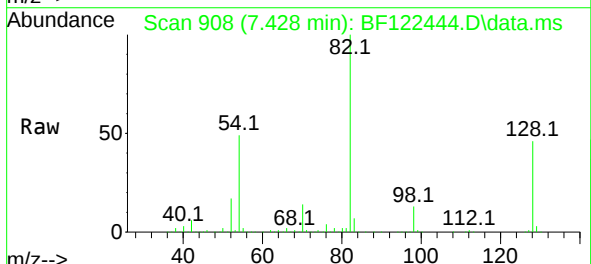
Instrument :
BNA_F
ClientSampleId :
PB133180BL

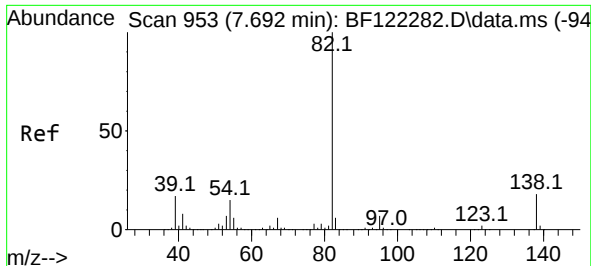
Tgt Ion:	136	Resp:	881200
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	6.9	7.1	10.7#
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 87.39 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

Tgt Ion:	82	Resp:	1257826
Ion Ratio	Lower	Upper	
82	100		
128	46.1	35.0	52.4
54	48.9	43.9	65.9

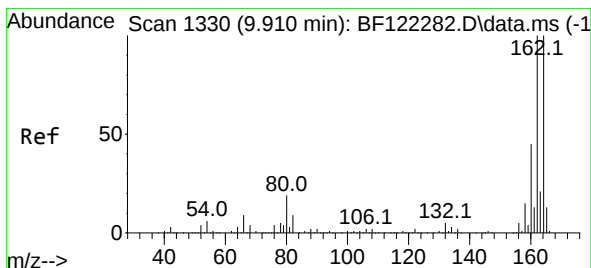
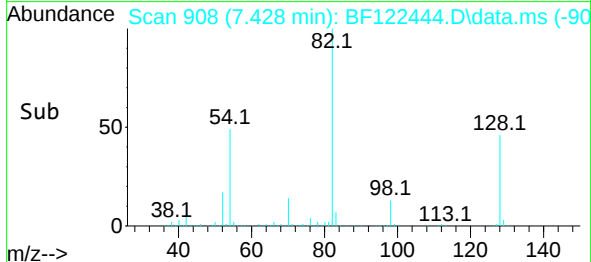
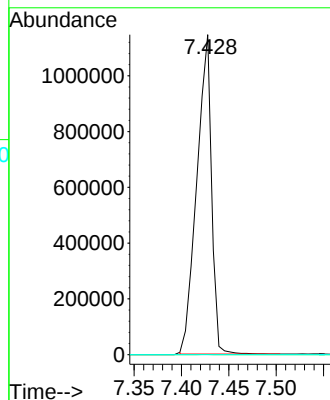
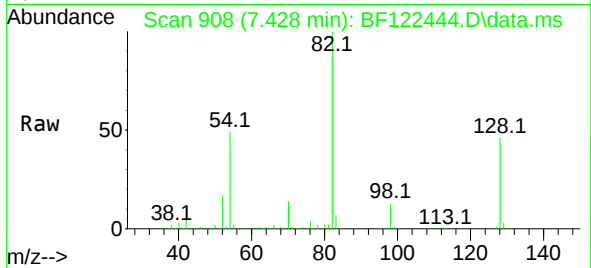




#25
Isophorone
Concen: 38.70 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

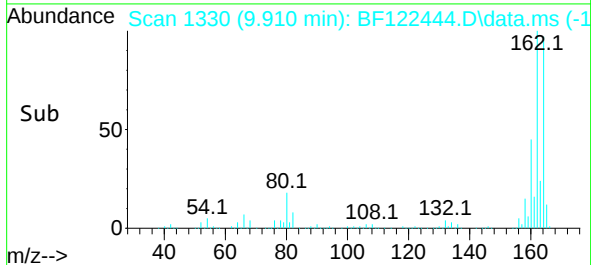
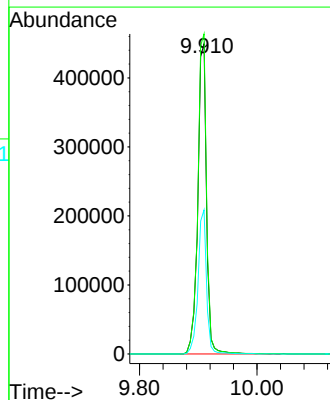
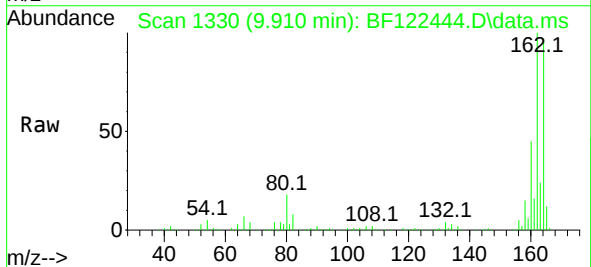
Instrument :
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ClientSampleId :
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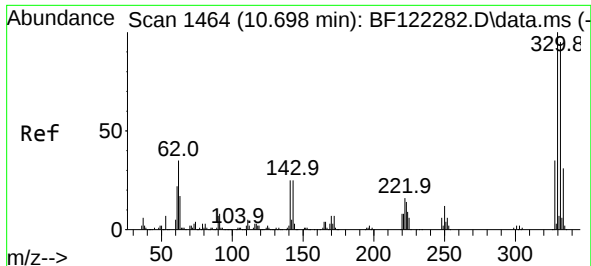
Tgt Ion: 82 Resp: 1241699
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

Tgt Ion: 164 Resp: 463646
Ion Ratio Lower Upper
164 100
162 103.1 83.2 124.8
160 46.4 37.5 56.3

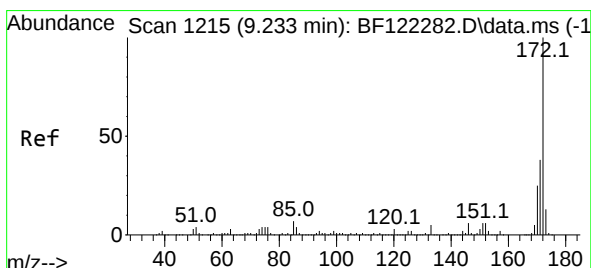
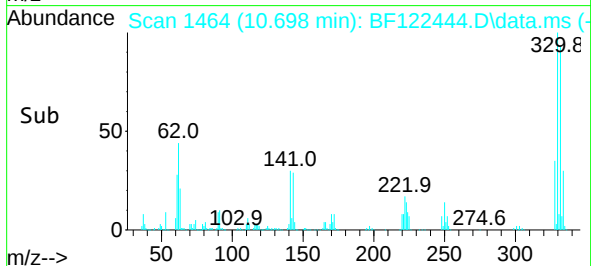
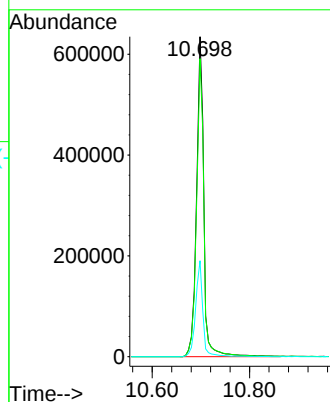
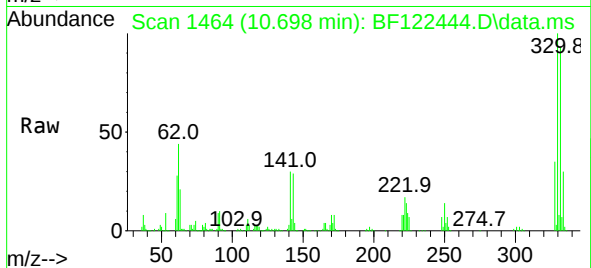




#42
2,4,6-Tribromophenol
Concen: 132.91 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

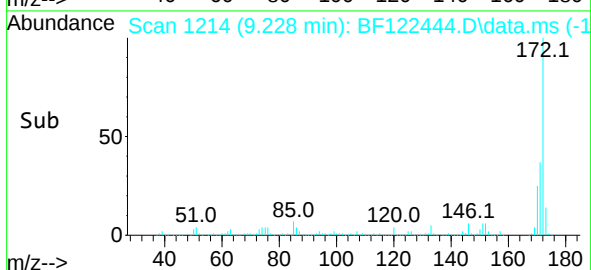
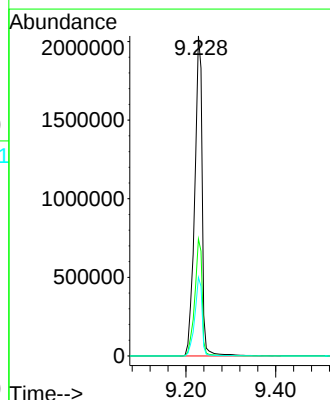
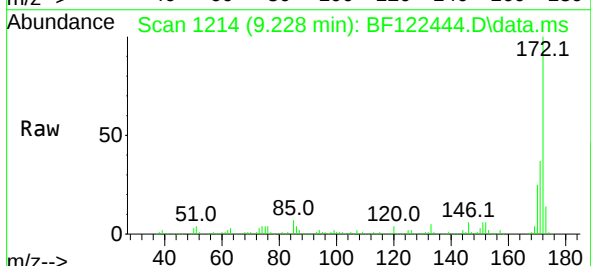
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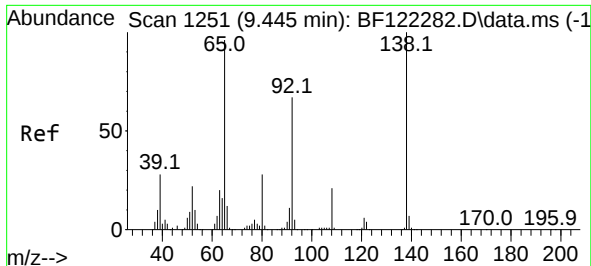
Tgt Ion: 330 Resp: 661383
Ion Ratio Lower Upper
330 100
332 94.8 77.3 115.9
141 30.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 79.43 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

Tgt Ion: 172 Resp: 2357095
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 24.6 19.8 29.6

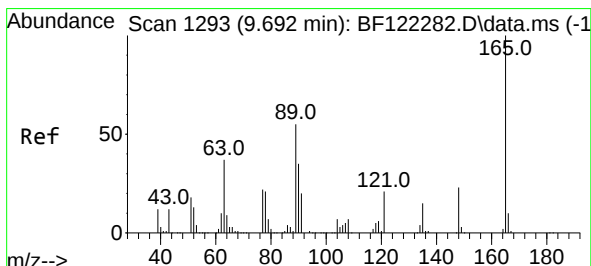
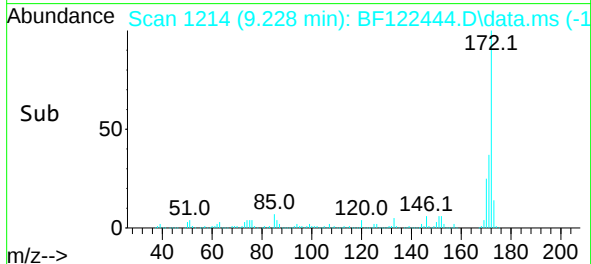
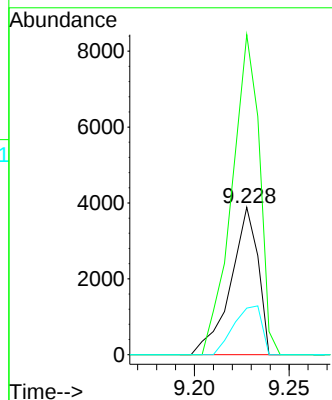
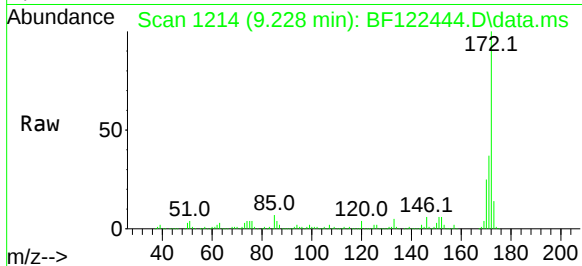




#48
2-Nitroaniline
Concen: 5.57 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.229 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

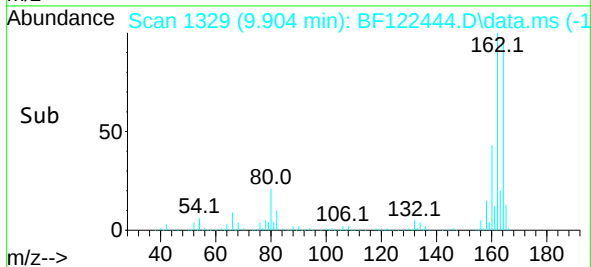
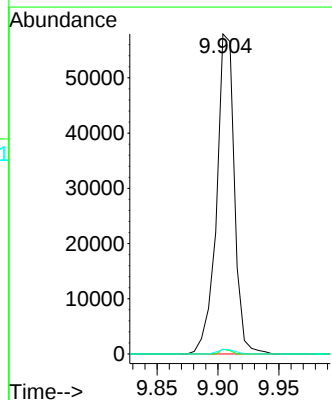
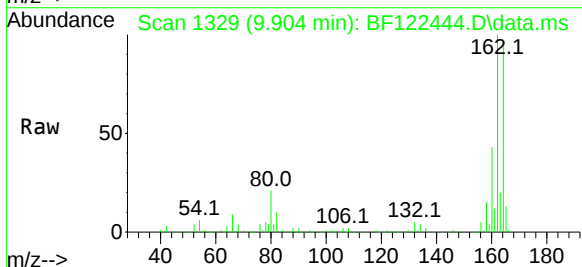
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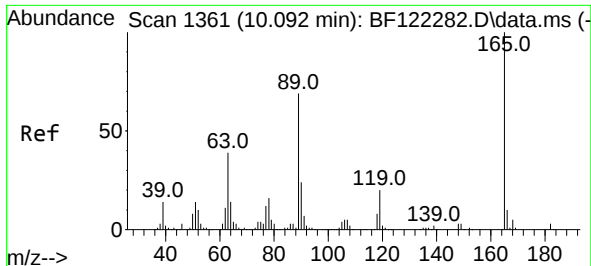
Tgt Ion: 65 Resp: 3907
Ion Ratio Lower Upper
65 100
92 217.3 55.1 82.7#
138 31.7 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 11.26 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

Tgt Ion:165 Resp: 59340
Ion Ratio Lower Upper
165 100
63 1.5 51.8 77.6#
89 1.4 49.0 73.6#

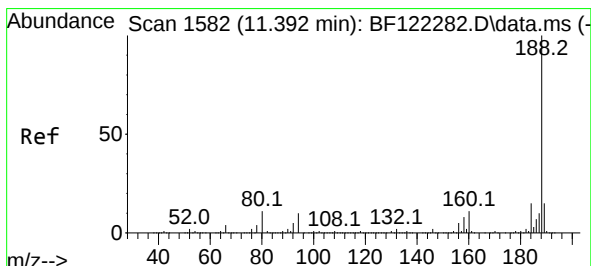
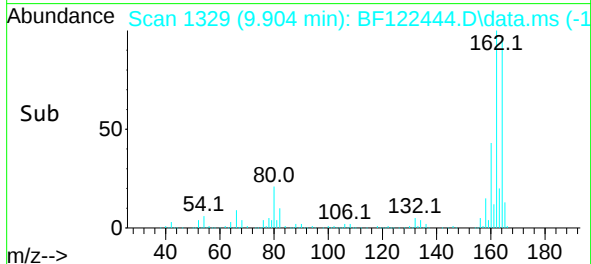
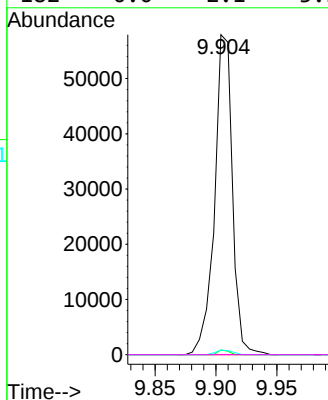
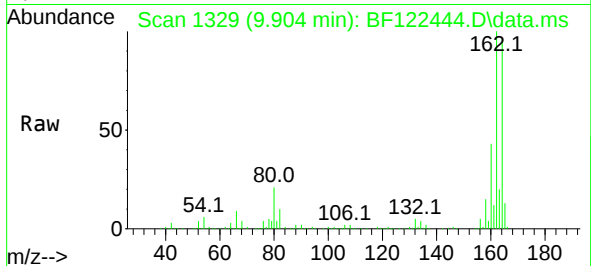




#57
2,4-Dinitrotoluene
Concen: 10.51 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

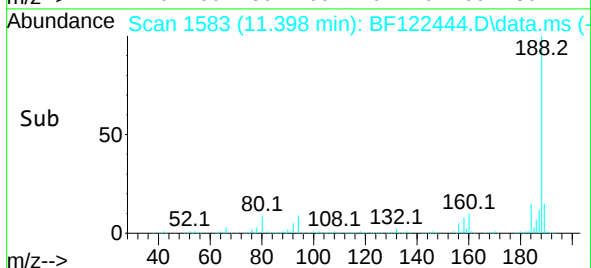
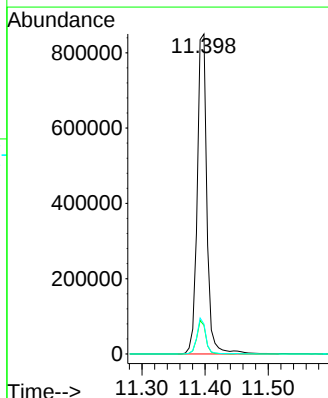
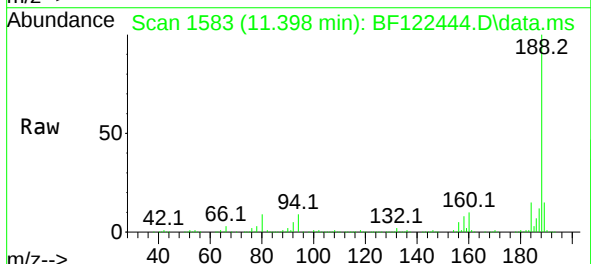
Instrument :
BNA_F
ClientSampleId :
PB133180BL

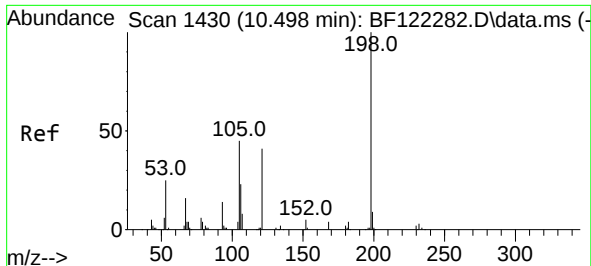
Tgt Ion:165	Resp:	59340
Ion Ratio	Lower	Upper
165	100	
63	1.5	41.3 61.9#
89	1.4	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

Tgt Ion:188	Resp:	900463
Ion Ratio	Lower	Upper
188	100	
94	9.0	8.3 12.5
80	9.4	9.1 13.7

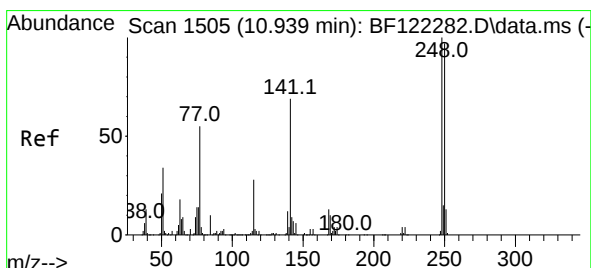
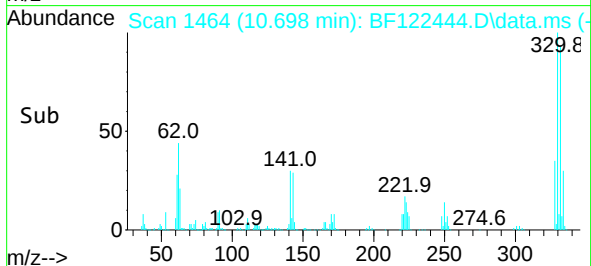
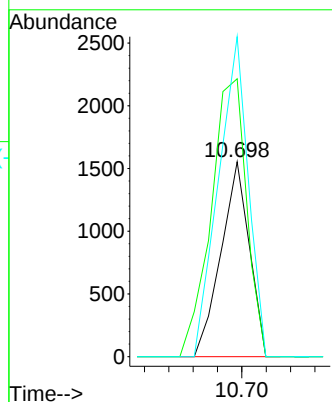
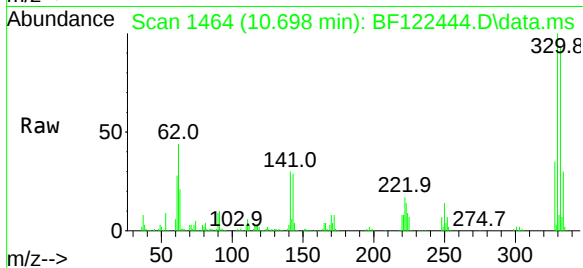




#65
4,6-Dinitro-2-methylphenol
Concen: 6.55 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

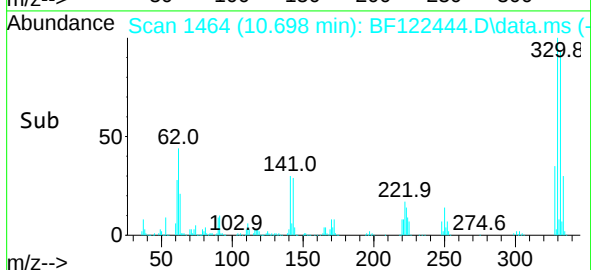
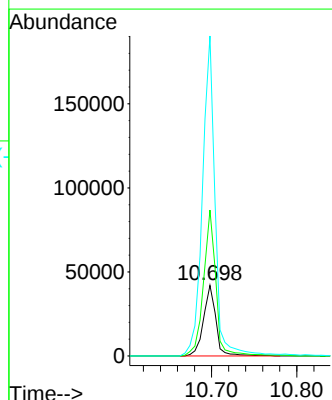
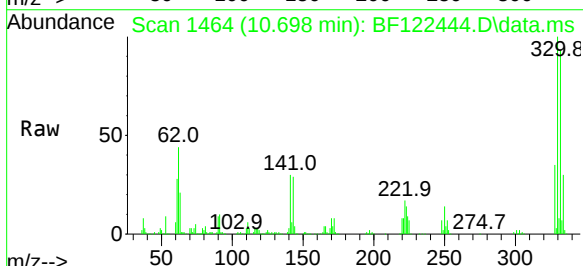
Instrument :
BNA_F
ClientSampleId :
PB133180BL

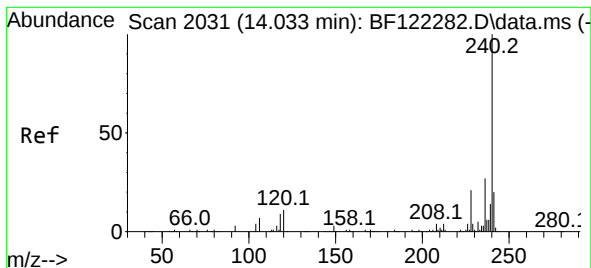
Tgt Ion:198 Resp: 1253
Ion Ratio Lower Upper
198 100
51 142.7 29.6 69.6#
105 164.3 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.01 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

Tgt Ion:248 Resp: 42406
Ion Ratio Lower Upper
248 100
250 206.5 77.0 115.6#
141 453.0 53.7 80.5#

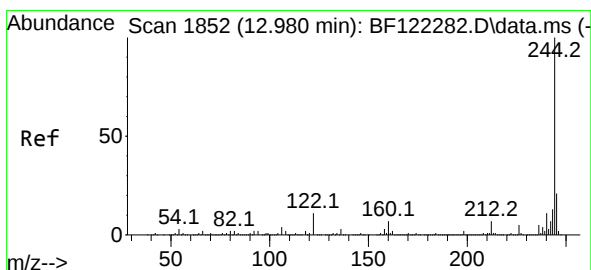
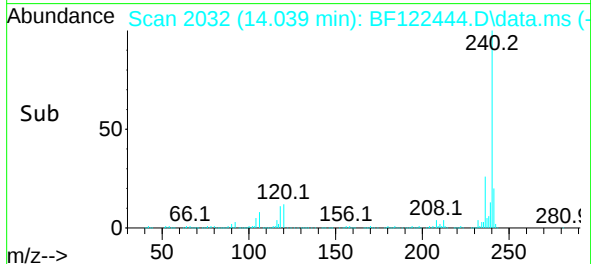
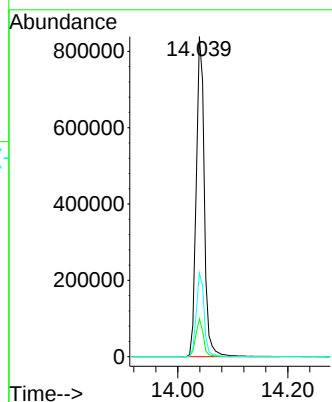
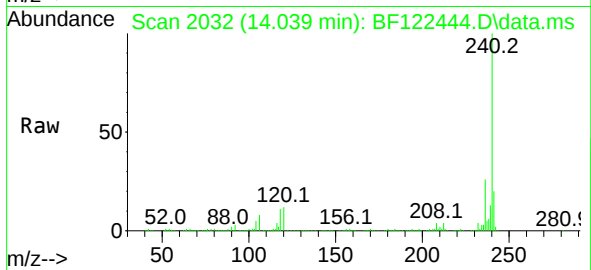




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

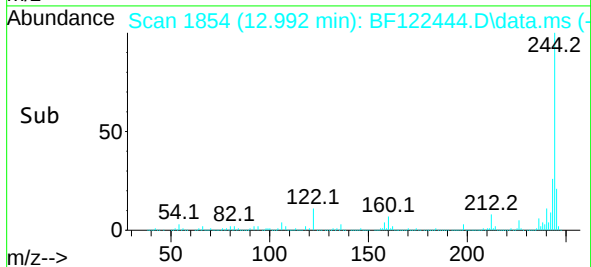
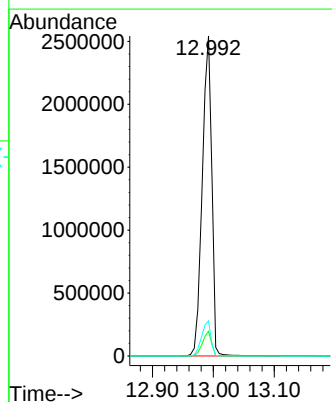
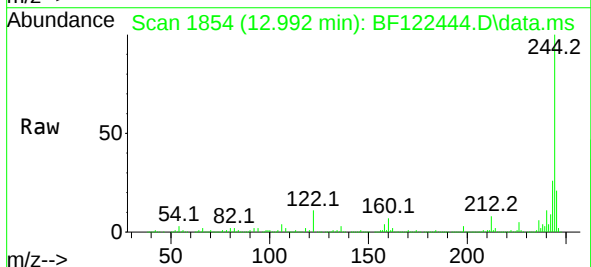
Instrument :
BNA_F
ClientSampleId :
PB133180BL

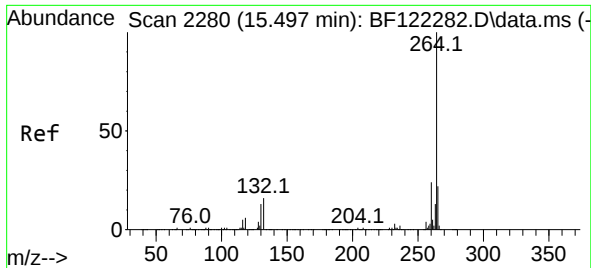
Tgt Ion:240 Resp: 853733
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 26.2 20.9 31.3



#79
Terphenyl-d14
Concen: 68.26 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF122444.D
Acq: 23 Nov 2020 13:07

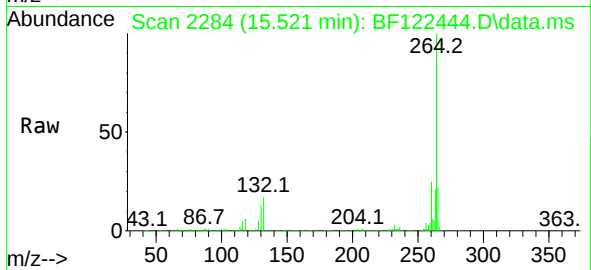
Tgt Ion:244 Resp: 2750768
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 10.9 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. -0.012 min
 Lab File: BF122444.D
 Acq: 23 Nov 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB133180BL



Tgt Ion:	264	Resp:	732028
Ion Ratio	Lower	Upper	
264	100		
260	24.9	18.7	28.1
265	22.4	17.3	25.9

