

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
 Data File : BF122521.D
 Acq On : 1 Dec 2020 14:18
 Operator : JU/CG
 Sample : PB133309TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133309TB

Quant Time: Dec 01 15:03:41 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)

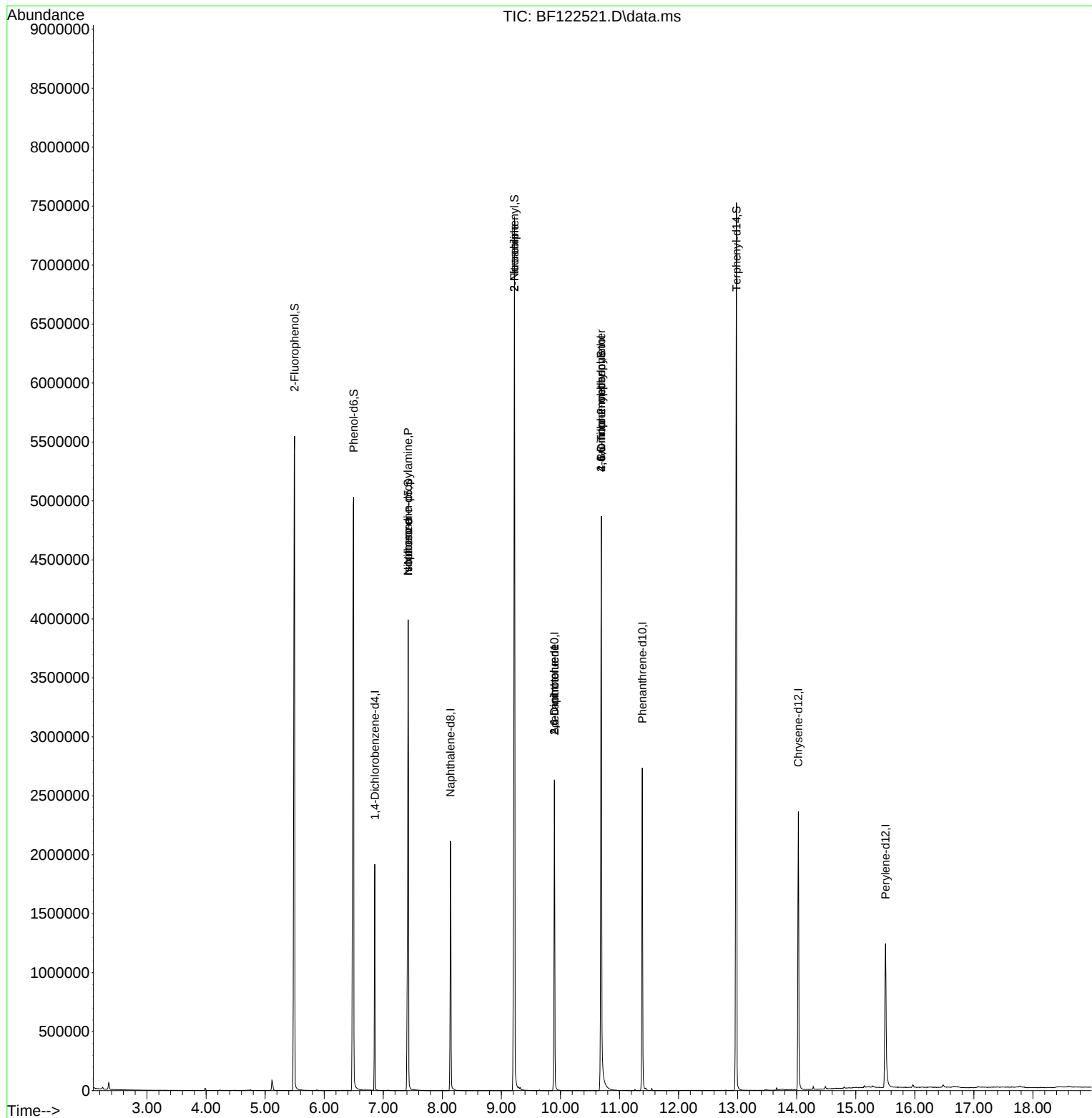
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	265726	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	1045045	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	564369	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1045306	20.00	ng	0.00
76) Chrysene-d12	14.027	240	902268	20.00	ng	0.00
86) Perylene-d12	15.504	264	741667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1931899	111.64	ng	0.02
7) Phenol-d6	6.498	99	2468141	109.02	ng	0.00
23) Nitrobenzene-d5	7.422	82	1593902	93.37	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	809492	133.64	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2800859	77.54	ng	0.00
79) Terphenyl-d14	12.980	244	2921703	68.60	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	3859	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	216536	16.01	ng	# 73
25) Isophorone	7.422	82	1569818	41.25	ng	# 67
48) 2-Nitroaniline	9.222	65	4359	5.53	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	72372	11.28	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	72372	10.52	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	1394	6.53	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	50367	4.10	ng	# 1

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

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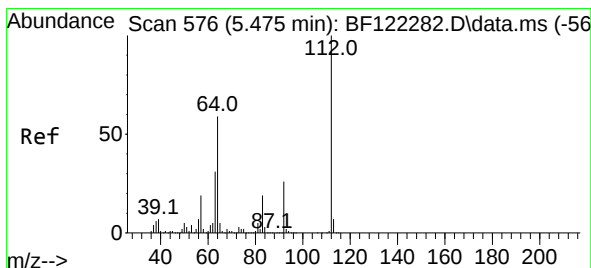
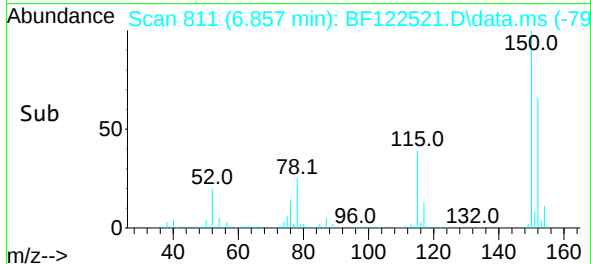
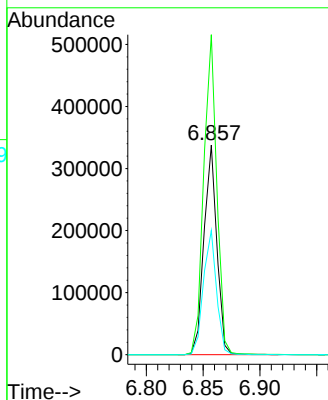
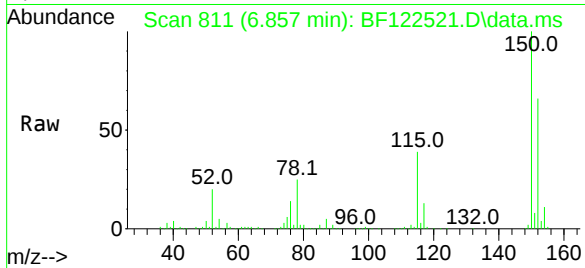




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

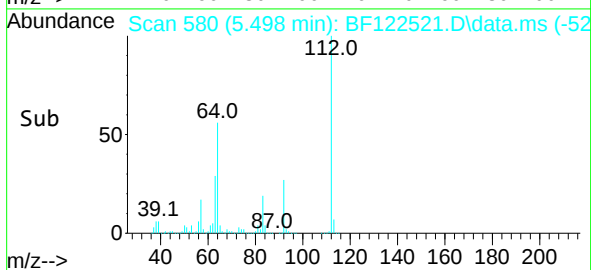
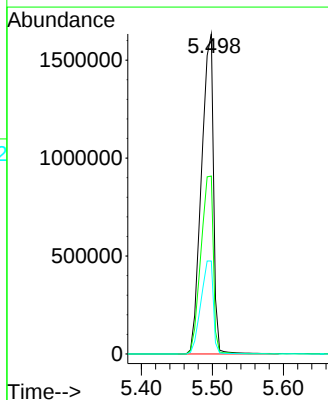
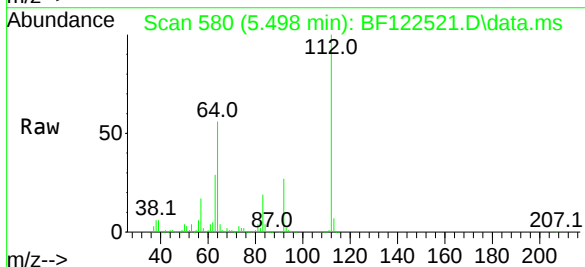
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BNA_F
ClientSampleId :
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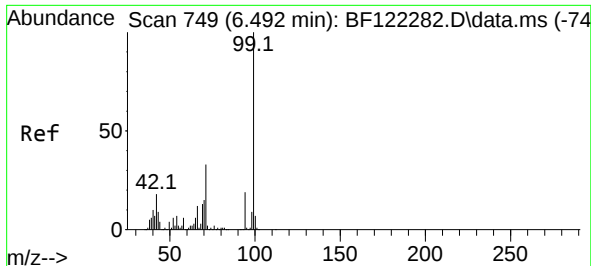
Tgt Ion:152 Resp: 265726
Ion Ratio Lower Upper
152 100
150 152.6 125.3 187.9
115 59.2 51.9 77.9



#5
2-Fluorophenol
Concen: 111.64 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

Tgt Ion:112 Resp: 1931899
Ion Ratio Lower Upper
112 100
64 55.6 50.4 75.6
63 29.1 25.8 38.6

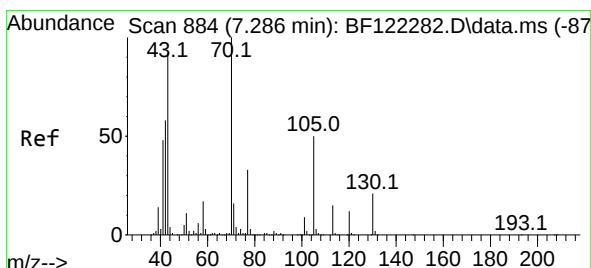
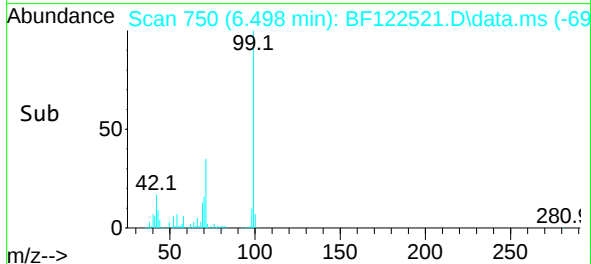
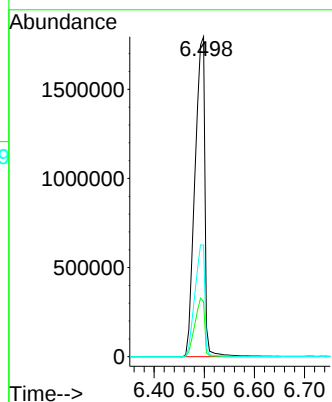
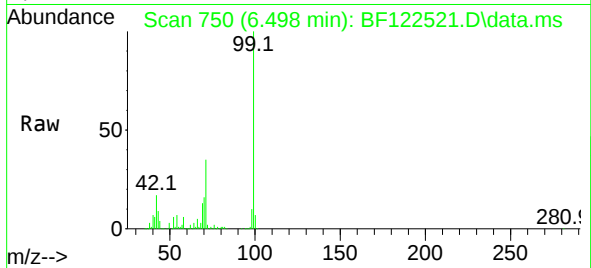




#7
Phenol-d6
Concen: 109.02 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

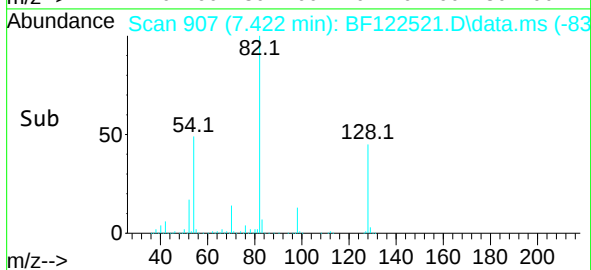
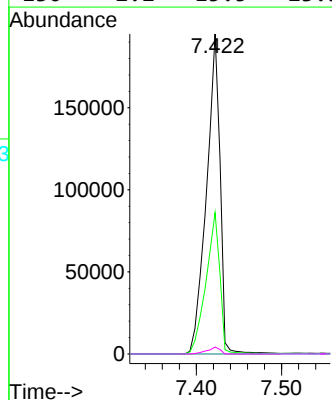
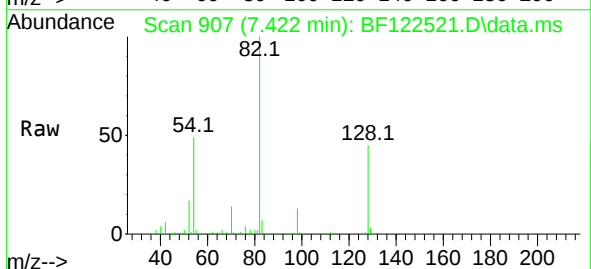
Instrument :
BNA_F
ClientSampleId :
PB133309TB

Tgt Ion: 99 Resp: 2468141
Ion Ratio Lower Upper
99 100
42 17.2 15.9 23.9
71 34.9 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.01 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

Tgt Ion: 70 Resp: 216536
Ion Ratio Lower Upper
70 100
42 44.2 50.2 75.4#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#



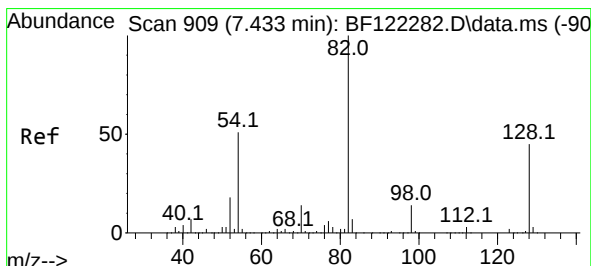
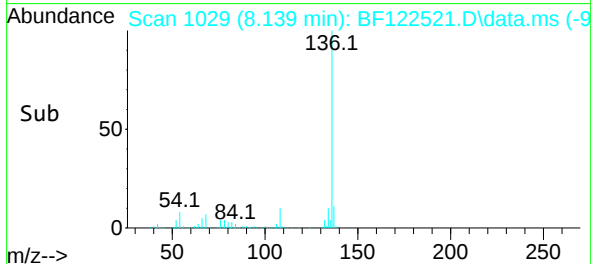
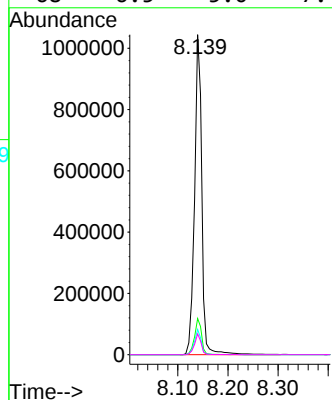
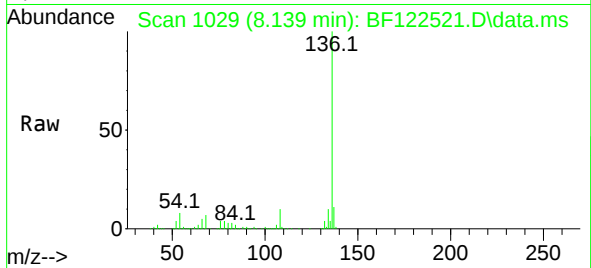


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

Instrument :
BNA_F
ClientSampleId :
PB133309TB

Tgt Ion:136 Resp: 1045045

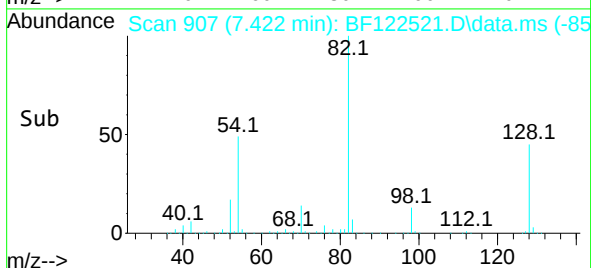
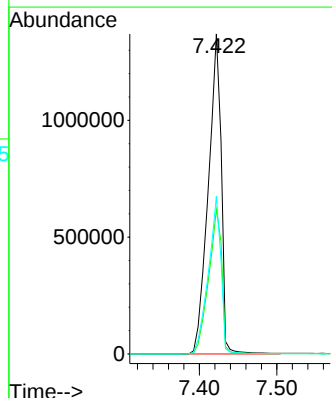
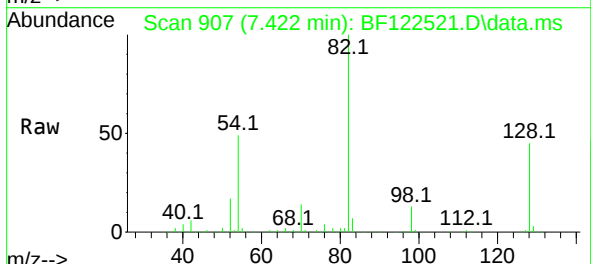
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	7.9	7.1	10.7
68	6.5	5.0	7.4

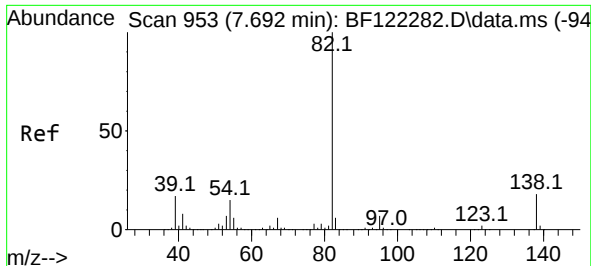


#23
Nitrobenzene-d5
Concen: 93.37 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

Tgt Ion: 82 Resp: 1593902

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.0	52.4
54	49.2	43.9	65.9

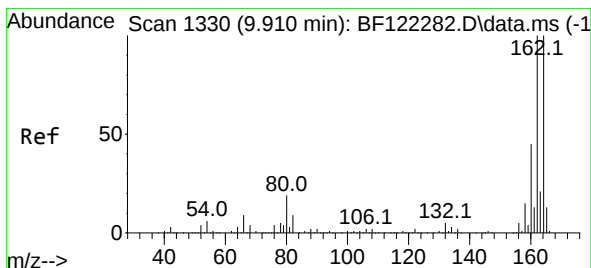
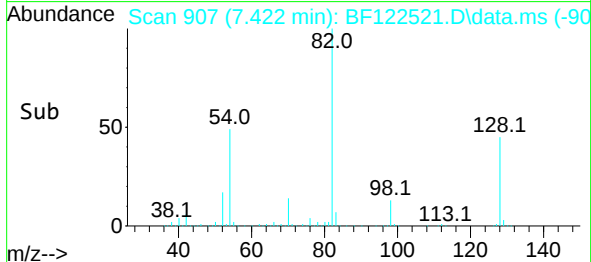
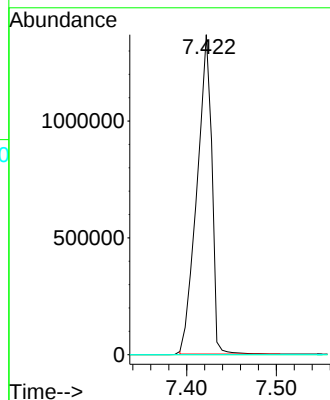
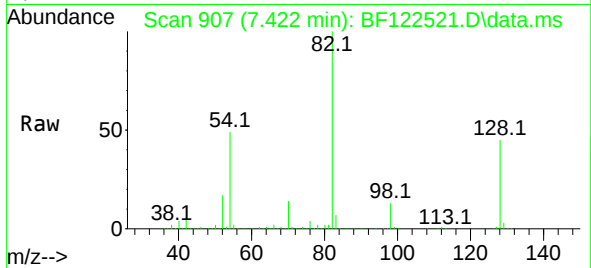




#25
Isophorone
Concen: 41.25 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

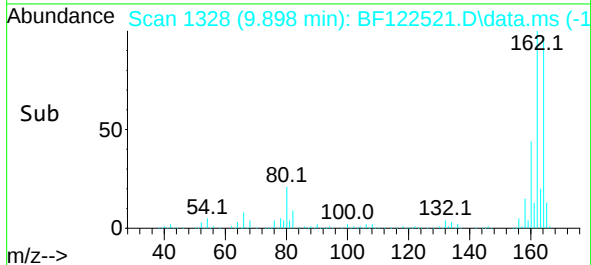
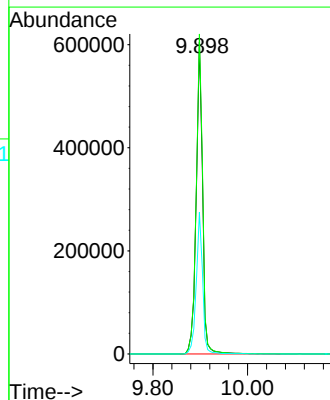
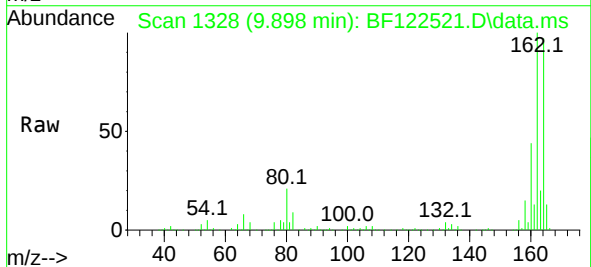
Instrument :
BNA_F
ClientSampleId :
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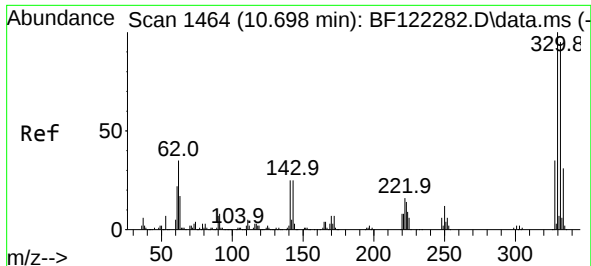
Tgt Ion: 82 Resp: 1569818
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

Tgt Ion: 164 Resp: 564369
Ion Ratio Lower Upper
164 100
162 102.6 83.2 124.8
160 45.5 37.5 56.3

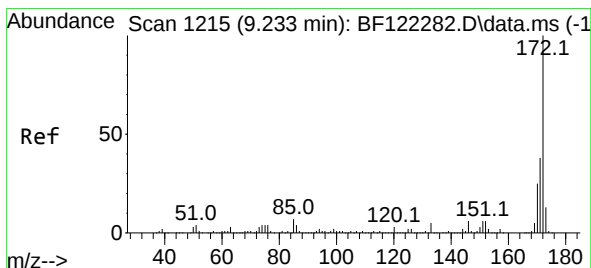
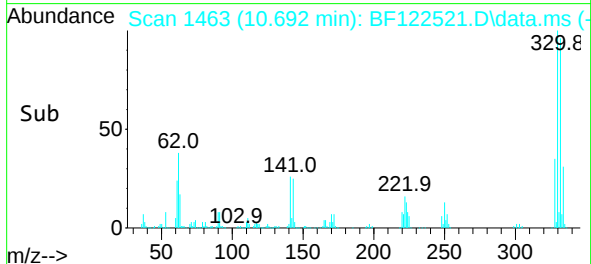
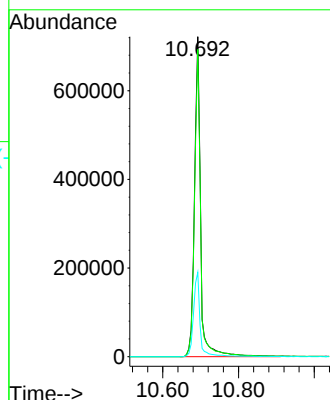
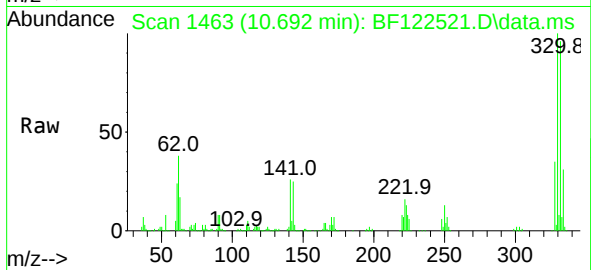




#42
2,4,6-Tribromophenol
Concen: 133.64 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

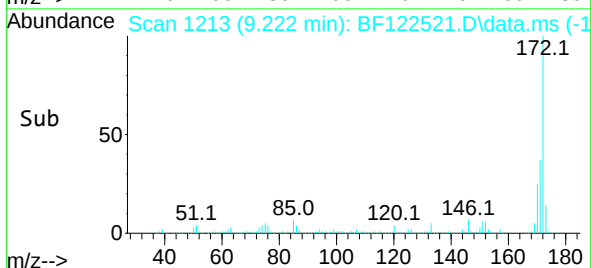
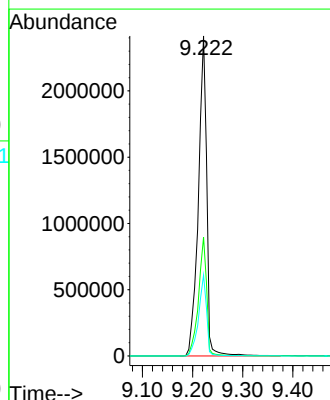
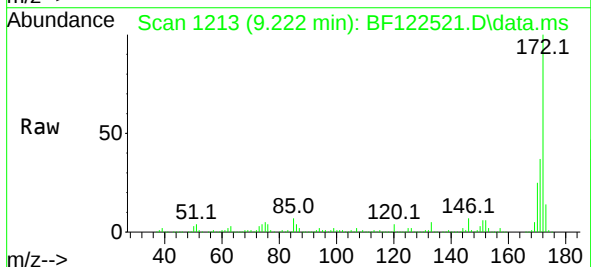
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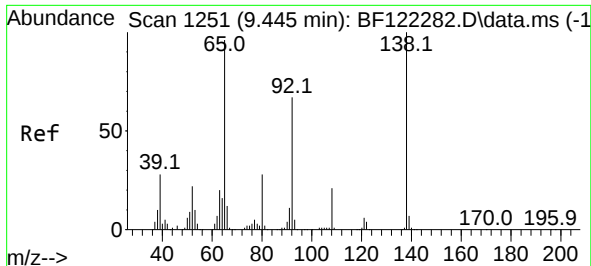
Tgt Ion:330 Resp: 809492
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 28.4 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 77.54 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

Tgt Ion:172 Resp: 2800859
Ion Ratio Lower Upper
172 100
171 37.2 29.1 43.7
170 25.3 19.8 29.6

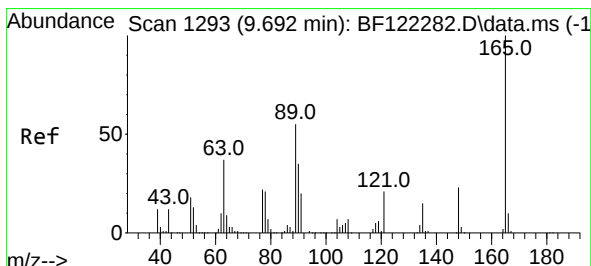
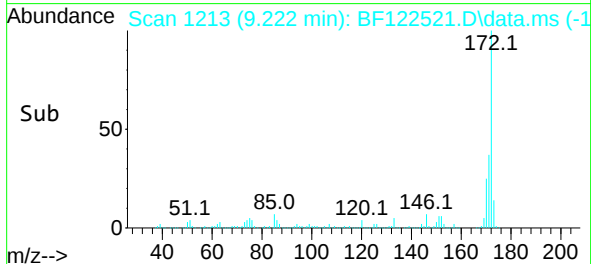
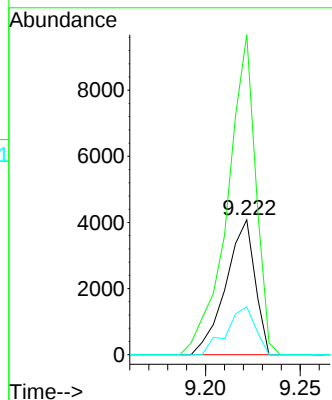
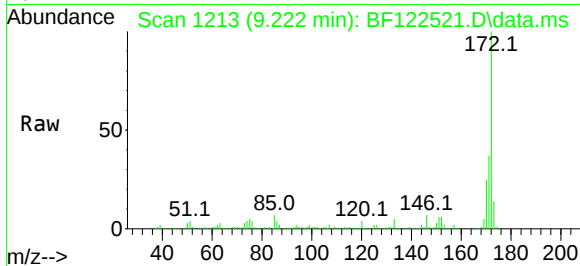




#48
2-Nitroaniline
Concen: 5.53 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.224 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

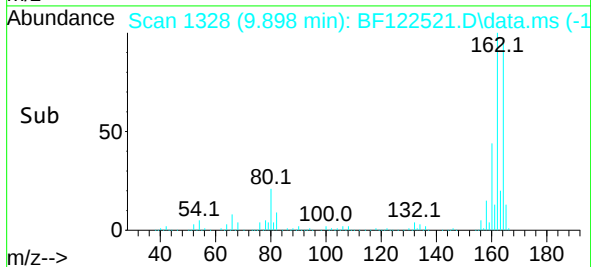
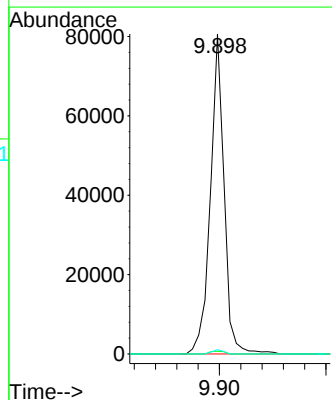
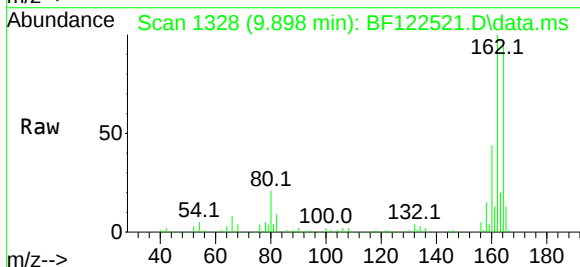
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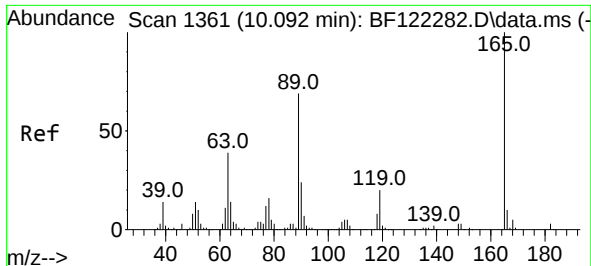
Tgt Ion: 65 Resp: 4359
Ion Ratio Lower Upper
65 100
92 237.2 55.1 82.7#
138 35.5 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 11.28 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

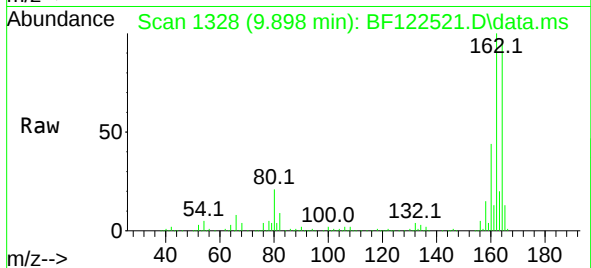
Tgt Ion:165 Resp: 72372
Ion Ratio Lower Upper
165 100
63 0.8 51.8 77.6#
89 1.4 49.0 73.6#



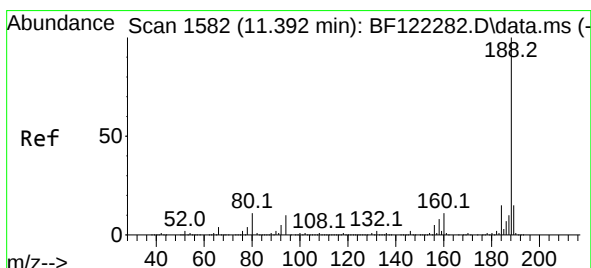
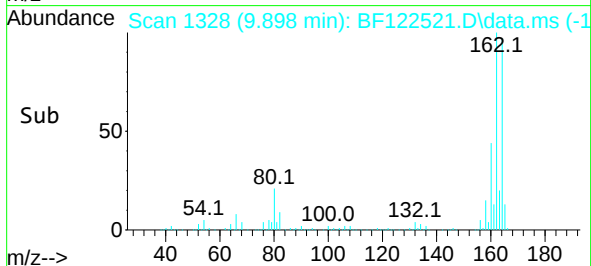
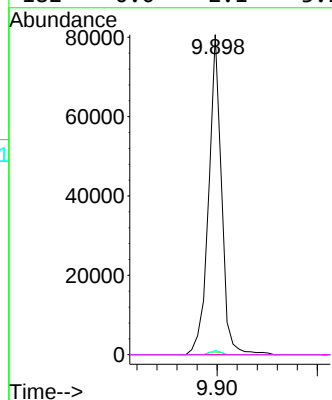


#57
2,4-Dinitrotoluene
Concen: 10.52 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

Instrument :
BNA_F
ClientSampleId :
PB133309TB

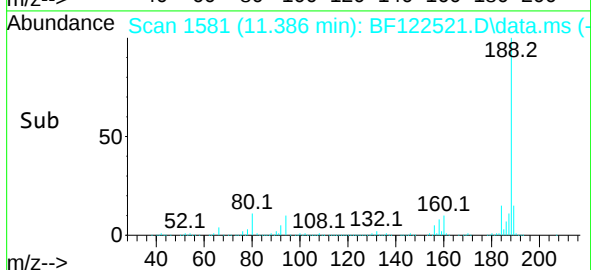
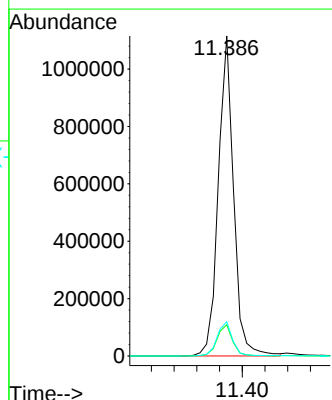
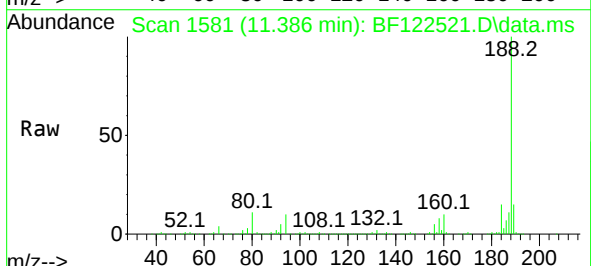


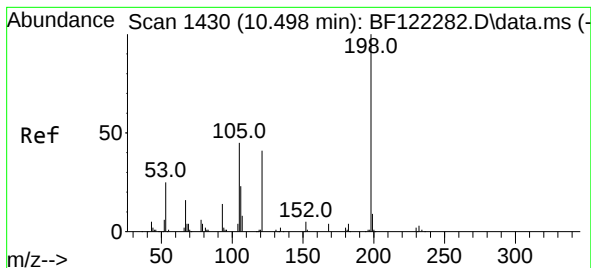
Tgt Ion:165 Resp: 72372
Ion Ratio Lower Upper
165 100
63 0.8 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

Tgt Ion:188 Resp: 1045306
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.7 9.1 13.7

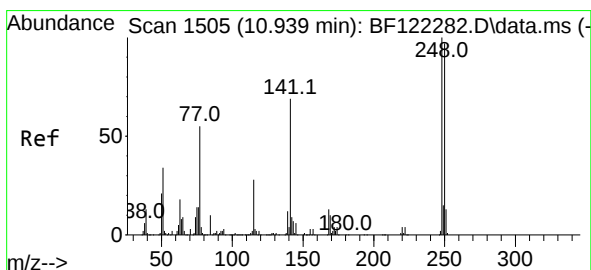
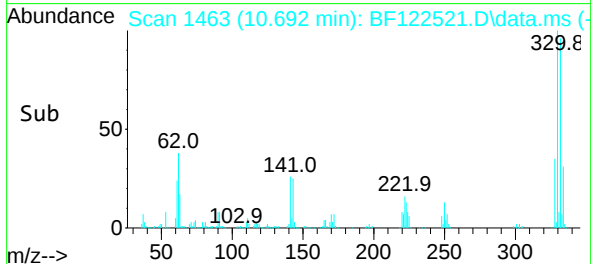
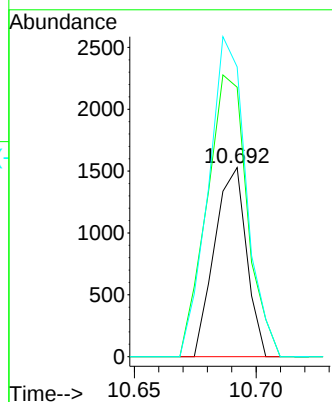
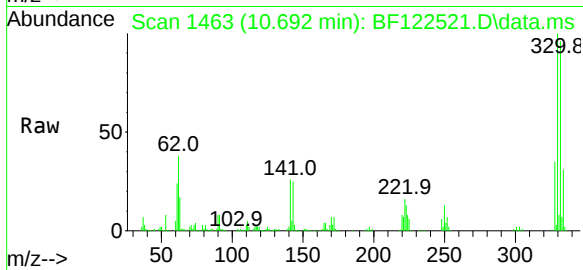




#65
4,6-Dinitro-2-methylphenol
Concen: 6.53 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

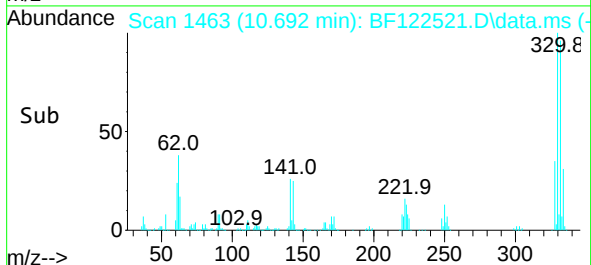
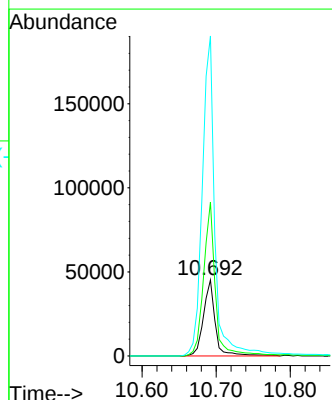
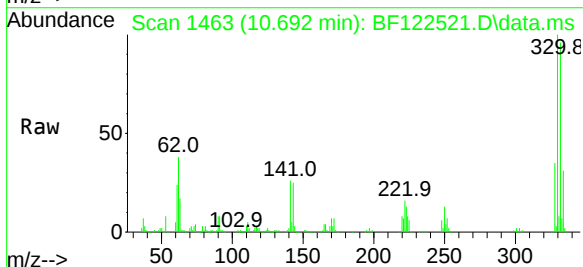
Instrument :
BNA_F
ClientSampleId :
PB133309TB

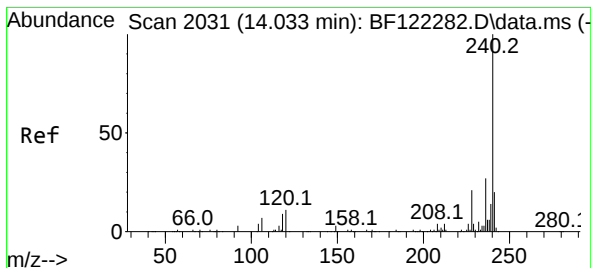
Tgt Ion:198 Resp: 1394
Ion Ratio Lower Upper
198 100
51 142.4 29.6 69.6#
105 153.2 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.10 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

Tgt Ion:248 Resp: 50367
Ion Ratio Lower Upper
248 100
250 202.4 77.0 115.6#
141 420.9 53.7 80.5#

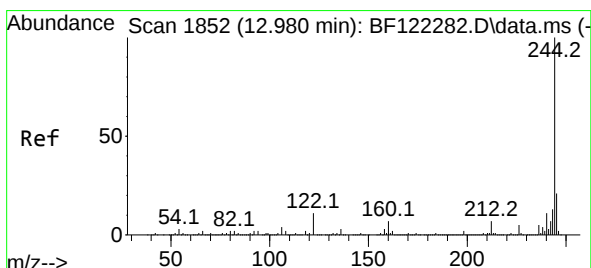
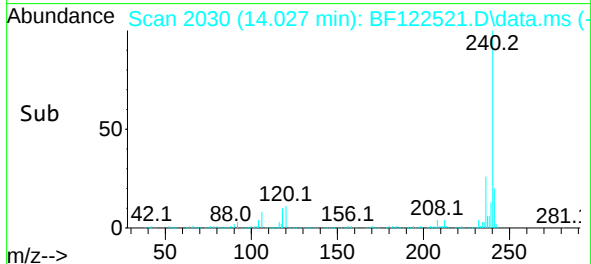
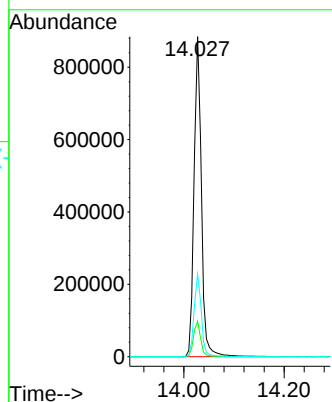
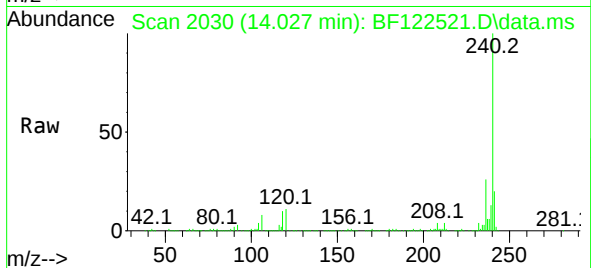




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

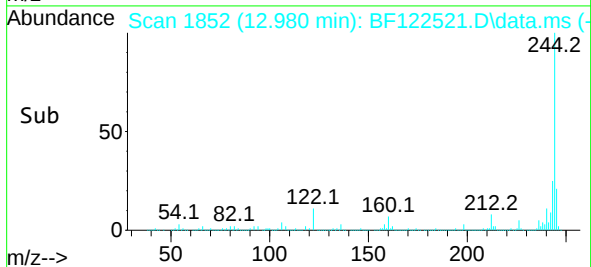
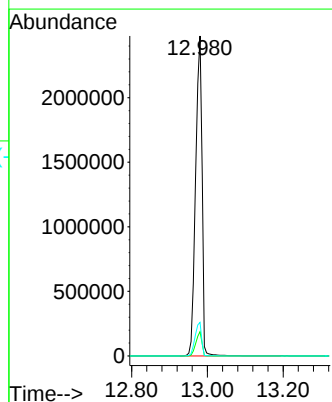
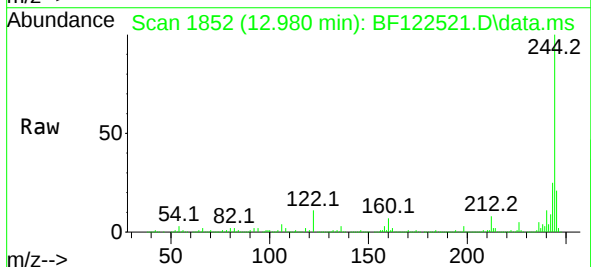
Instrument :
BNA_F
ClientSampleId :
PB133309TB

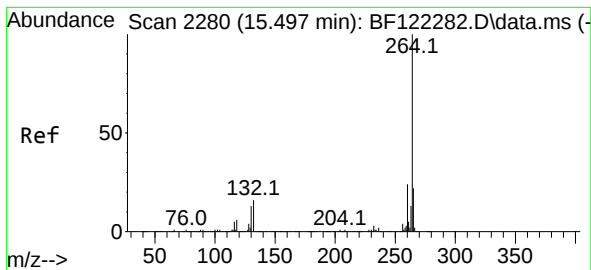
Tgt Ion:240 Resp: 902268
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 68.60 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

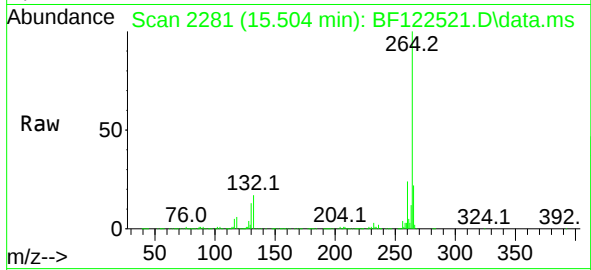
Tgt Ion:244 Resp: 2921703
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 10.5 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BF122521.D
Acq: 1 Dec 2020 14:18

Instrument :
BNA_F
ClientSampleId :
PB133309TB



Tgt Ion:264 Resp: 741667

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.9	17.3	25.9

