

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
 Data File : BF122517.D
 Acq On : 1 Dec 2020 12:13
 Operator : JU/CG
 Sample : PB133309BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133309BL

Quant Time: Dec 01 12:49:47 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)

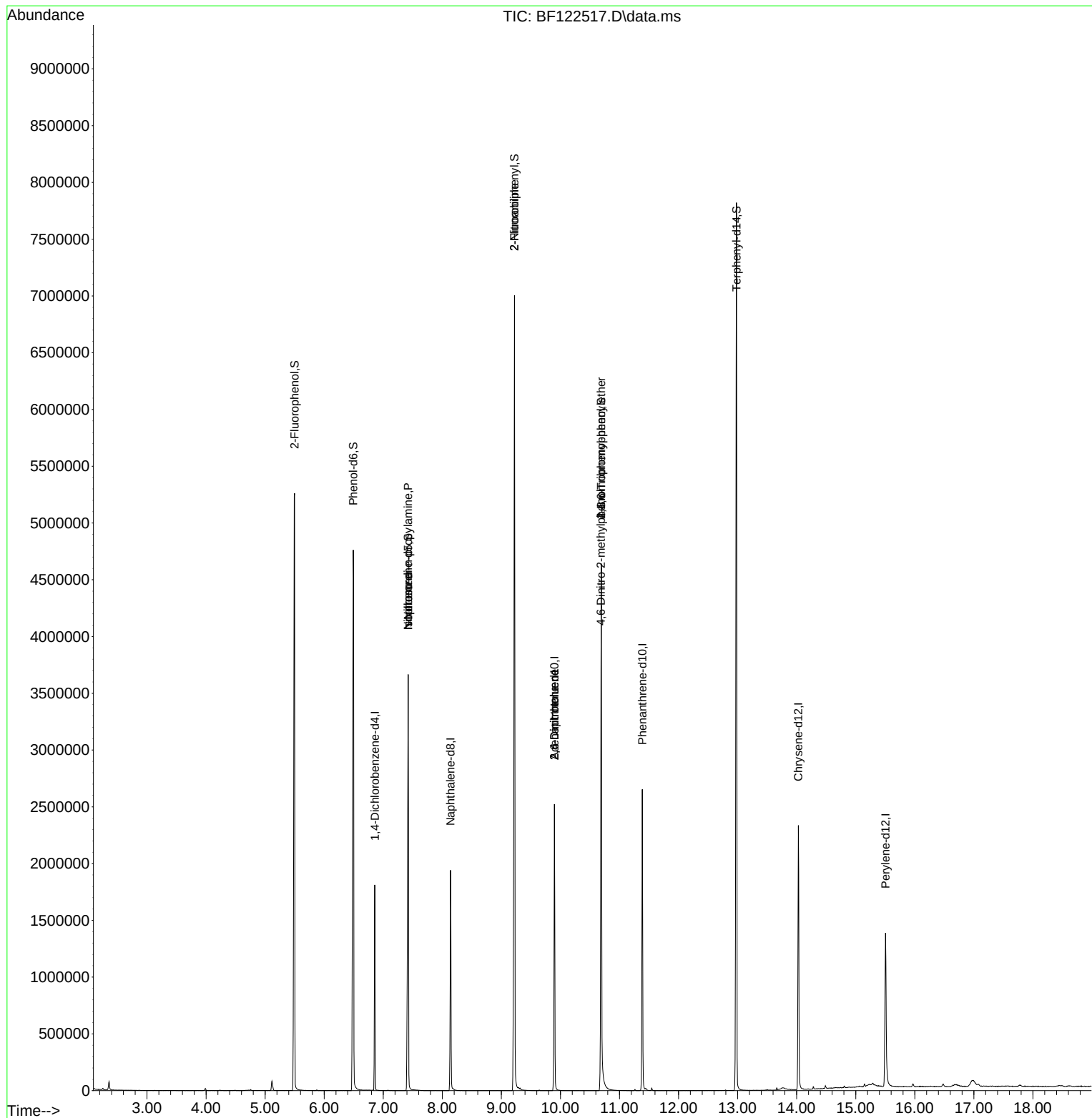
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	248713	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	982882	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	538423	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	996742	20.00	ng	0.00
76) Chrysene-d12	14.027	240	886577	20.00	ng	0.00
86) Perylene-d12	15.504	264	754962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1768826	109.20	ng	0.02
7) Phenol-d6	6.492	99	2290624	108.10	ng	0.00
23) Nitrobenzene-d5	7.422	82	1463458	91.15	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	735070	127.20	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2593817	75.27	ng	0.00
79) Terphenyl-d14	12.980	244	2994751	71.56	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	3461	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	197470	15.59	ng	# 75
25) Isophorone	7.422	82	1442716	40.31	ng	# 67
48) 2-Nitroaniline	9.222	65	4015	5.52	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	68441	11.21	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	68441	10.47	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	1404	6.56	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	46252	3.95	ng	# 1

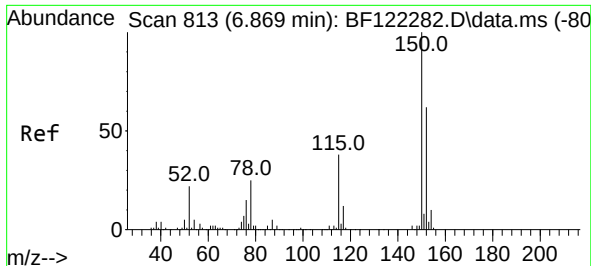
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133309BL

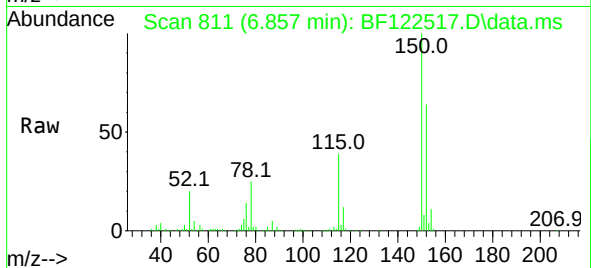
Quant Time: Dec 01 12:49:47 2020
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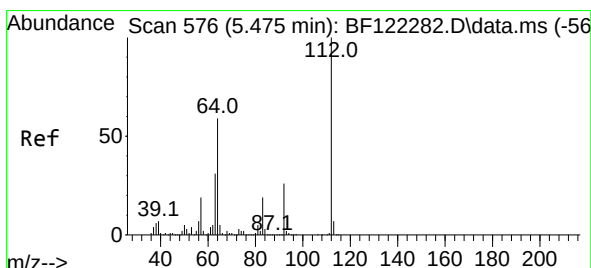
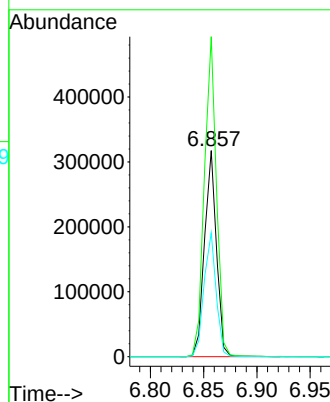
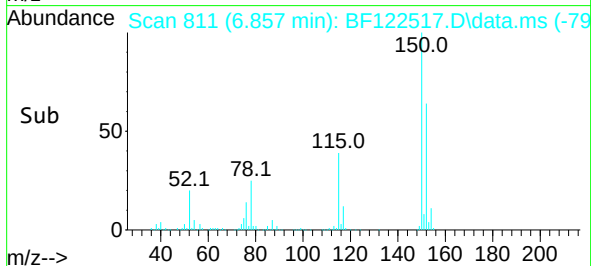


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13

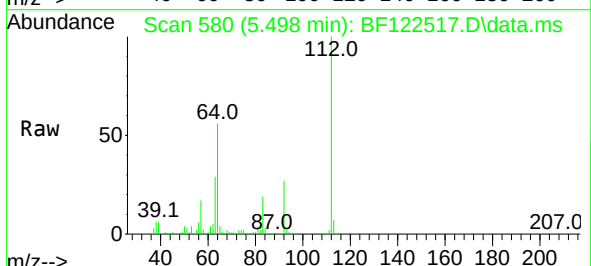
Instrument :
BNA_F
ClientSampleId :
PB133309BL



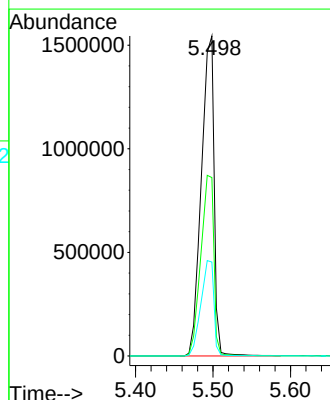
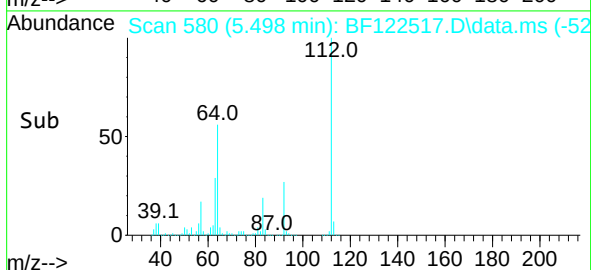
Tgt Ion:152 Resp: 248713
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 60.1 51.9 77.9

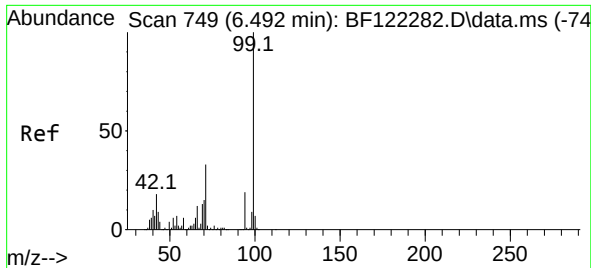


#5
2-Fluorophenol
Concen: 109.20 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13



Tgt Ion:112 Resp: 1768826
Ion Ratio Lower Upper
112 100
64 55.8 50.4 75.6
63 29.3 25.8 38.6



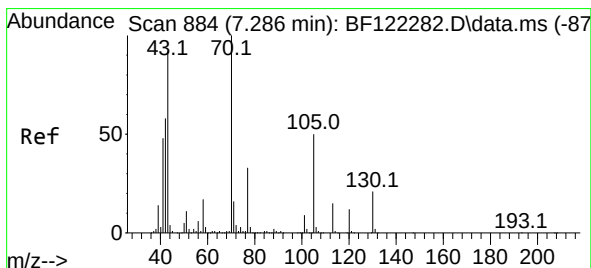
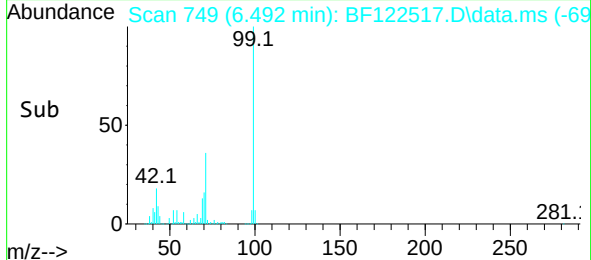
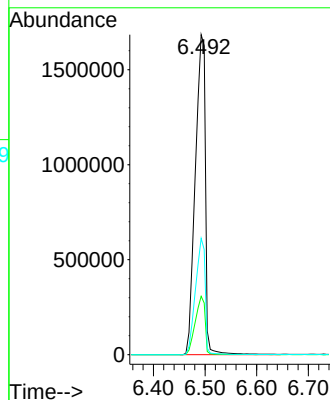
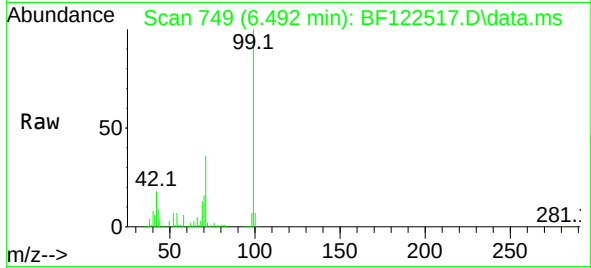


#7
Phenol-d6
Concen: 108.10 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB133309BL

Tgt Ion: 99 Resp: 2290624

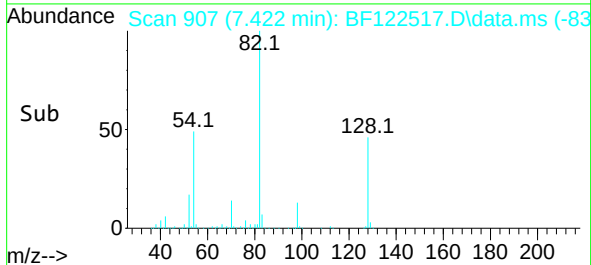
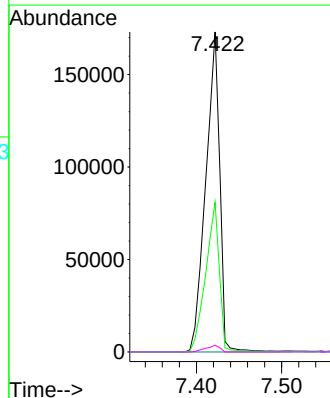
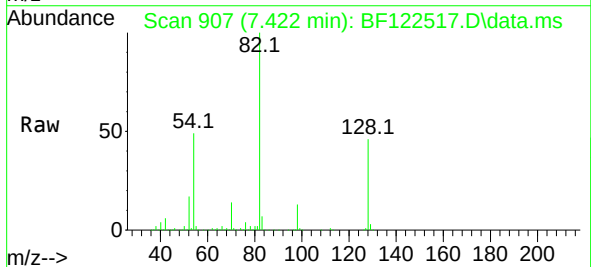
Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.9	23.9
71	36.4	27.1	40.7

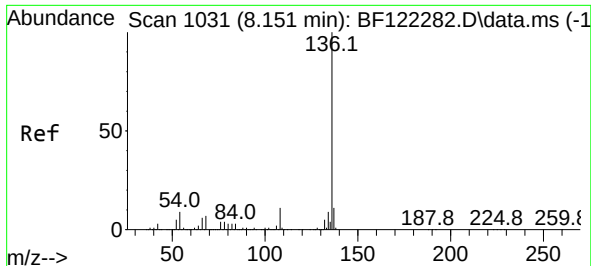


#19
n-Nitroso-di-n-propylamine
Concen: 15.59 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13

Tgt Ion: 70 Resp: 197470

Ion	Ratio	Lower	Upper
70	100		
42	46.8	50.2	75.4#
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



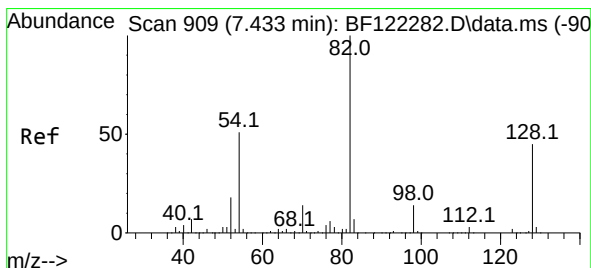
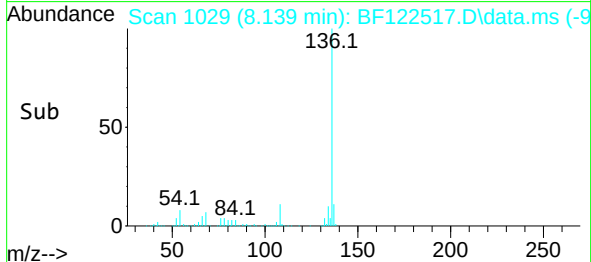
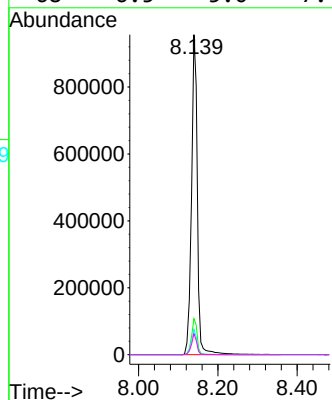
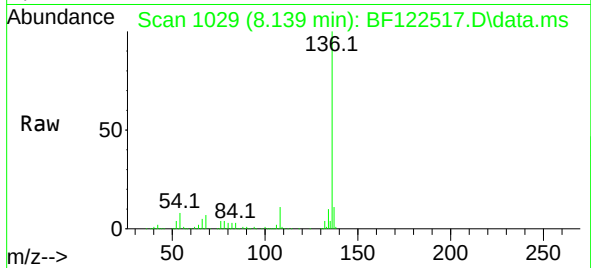


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB133309BL

Tgt Ion:136 Resp: 982882

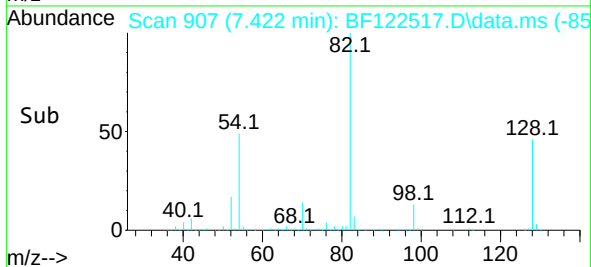
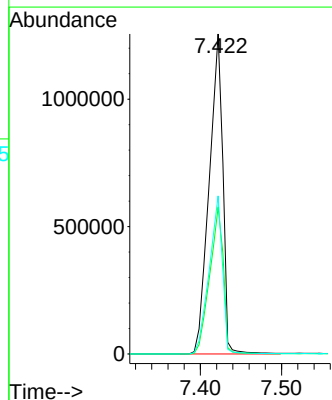
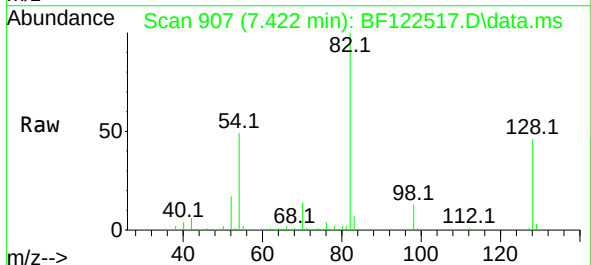
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.9	7.1	10.7
68	6.5	5.0	7.4

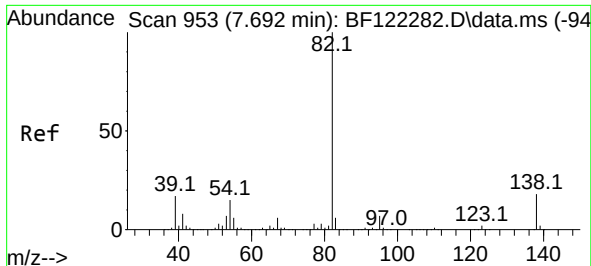


#23
Nitrobenzene-d5
Concen: 91.15 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13

Tgt Ion: 82 Resp: 1463458

Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.0	52.4
54	49.4	43.9	65.9

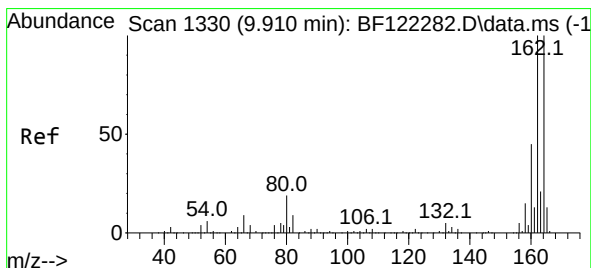
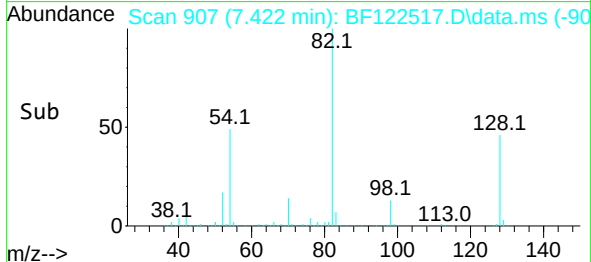
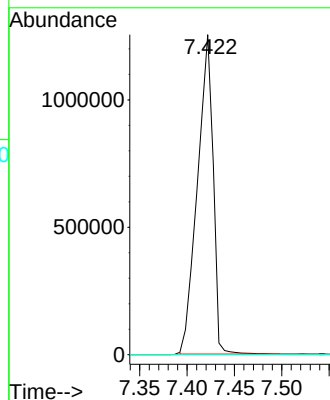
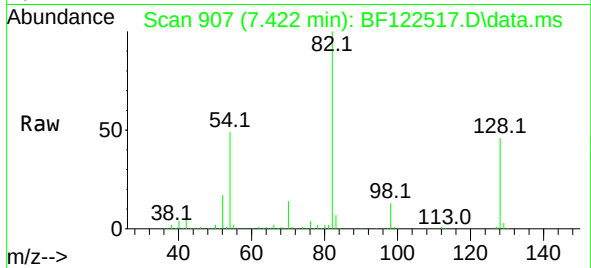




#25
Isophorone
Concen: 40.31 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13

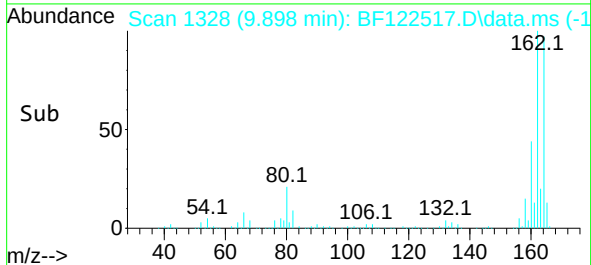
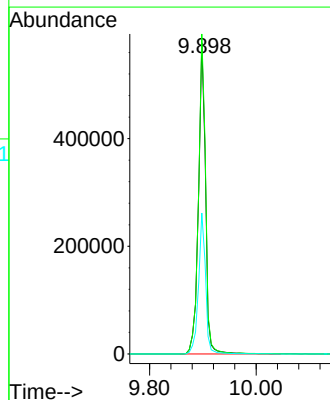
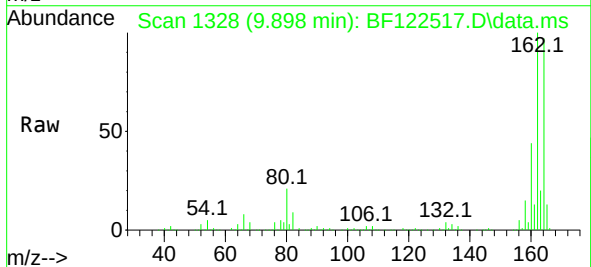
Instrument :
BNA_F
ClientSampleId :
PB133309BL

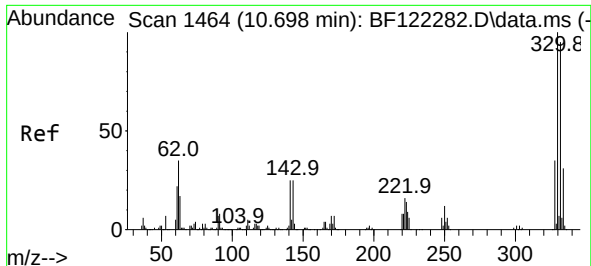
Tgt Ion: 82 Resp: 1442716
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13

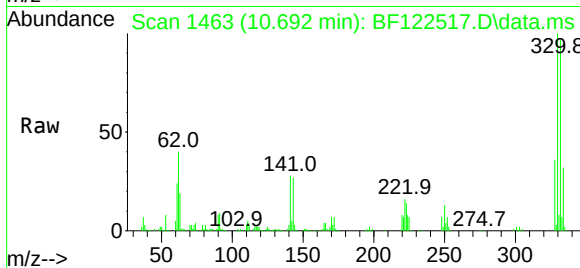
Tgt Ion:164 Resp: 538423
Ion Ratio Lower Upper
164 100
162 102.8 83.2 124.8
160 45.3 37.5 56.3



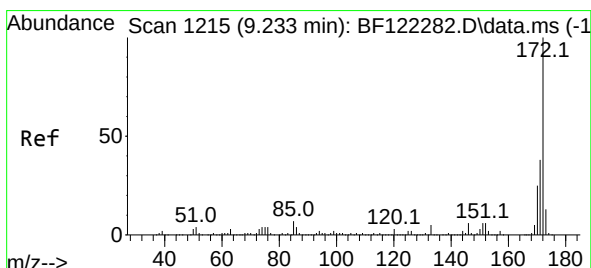
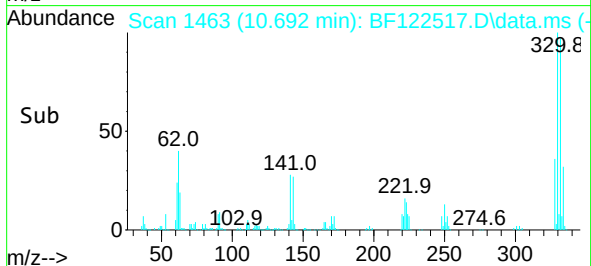
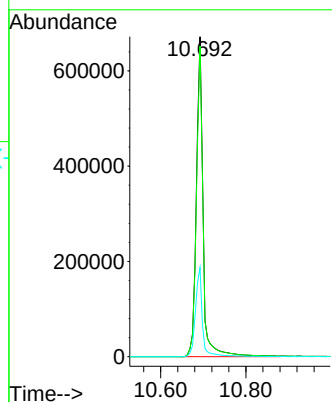


#42
2,4,6-Tribromophenol
Concen: 127.20 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB133309BL

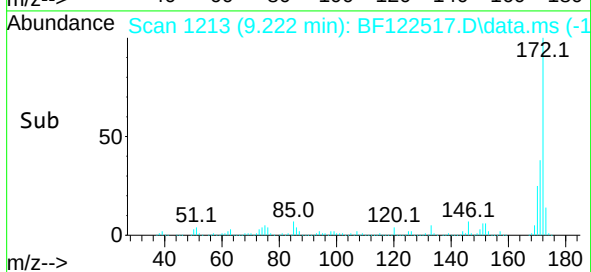
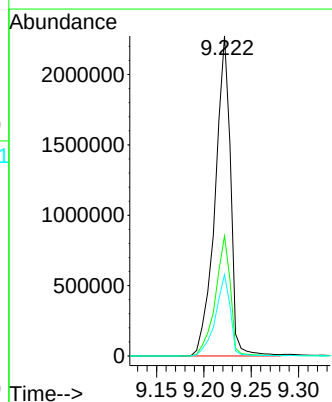
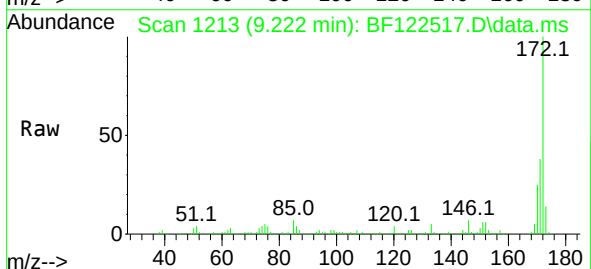


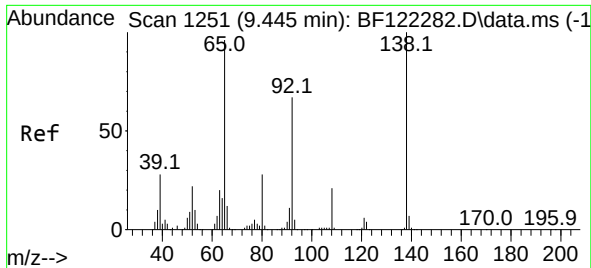
Tgt Ion:330 Resp: 735070
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 29.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 75.27 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13

Tgt Ion:172 Resp: 2593817
Ion Ratio Lower Upper
172 100
171 37.5 29.1 43.7
170 25.4 19.8 29.6

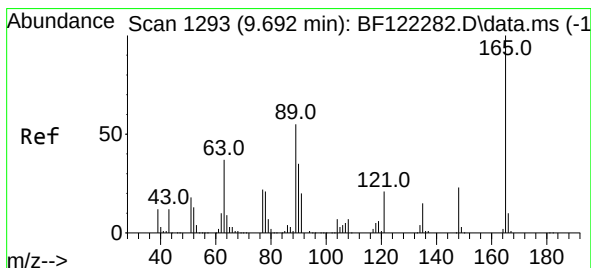
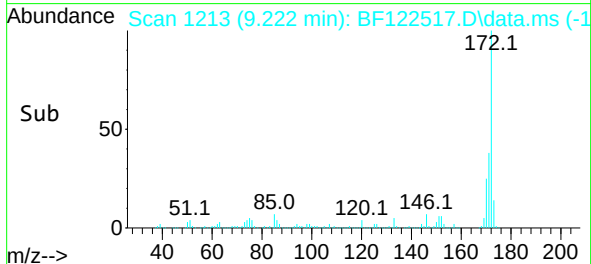
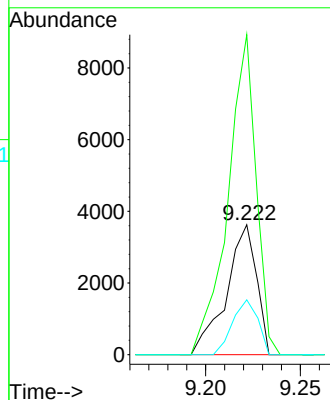
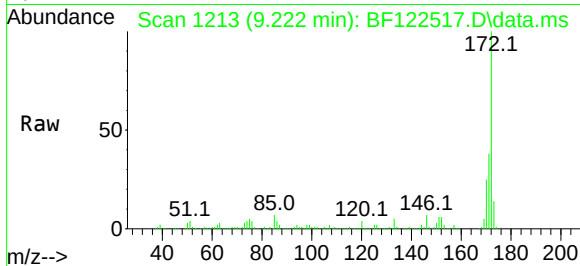




#48
2-Nitroaniline
Concen: 5.52 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.224 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13

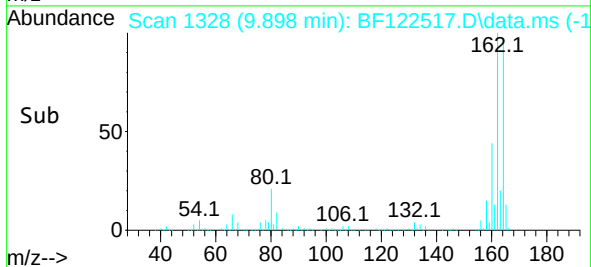
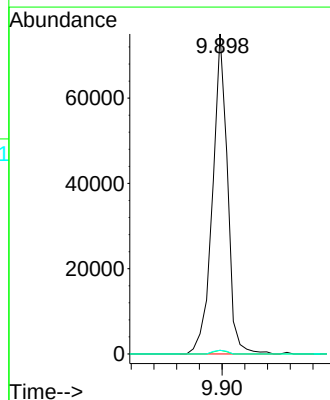
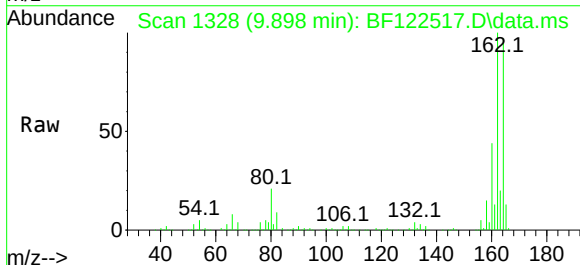
Instrument :
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ClientSampleId :
PB133309BL

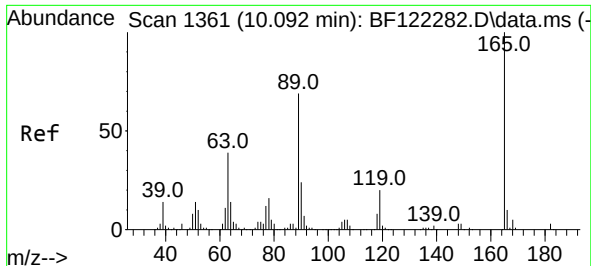
Tgt Ion: 65 Resp: 4015
Ion Ratio Lower Upper
65 100
92 246.3 55.1 82.7#
138 42.3 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 11.21 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13

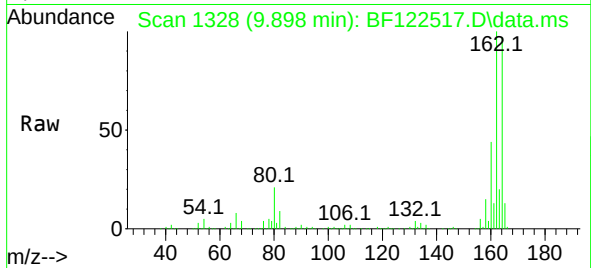
Tgt Ion: 165 Resp: 68441
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.2 49.0 73.6#



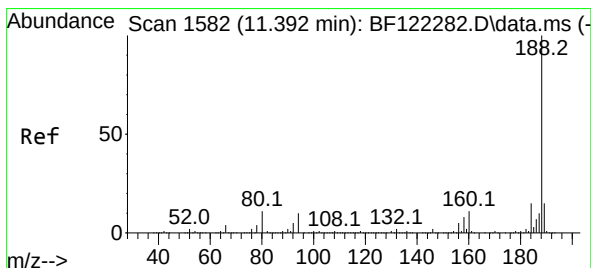
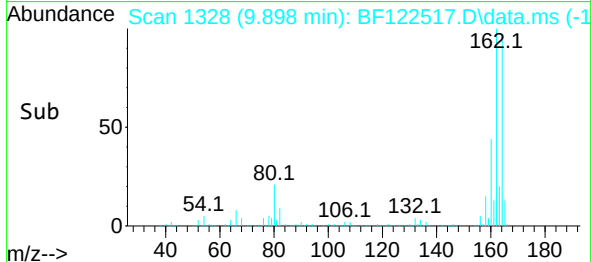
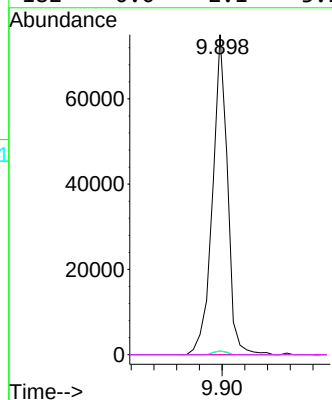


#57
2,4-Dinitrotoluene
Concen: 10.47 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB133309BL

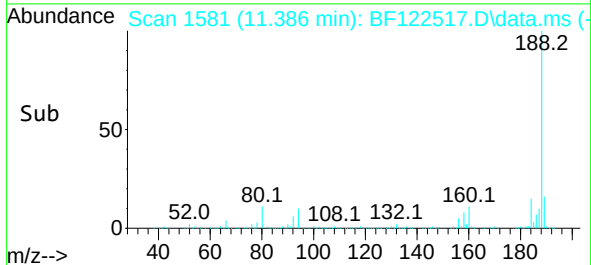
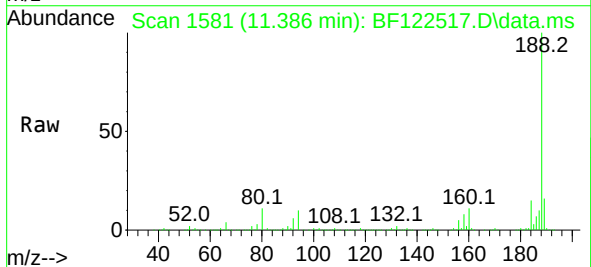
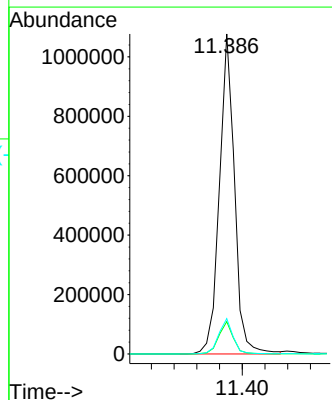


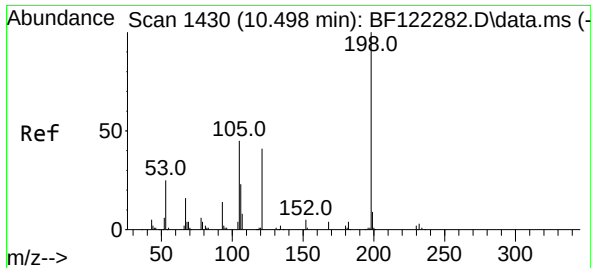
Tgt Ion:165 Resp: 68441
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.2 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13

Tgt Ion:188 Resp: 996742
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 11.0 9.1 13.7

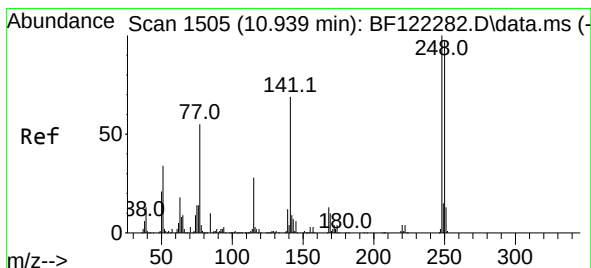
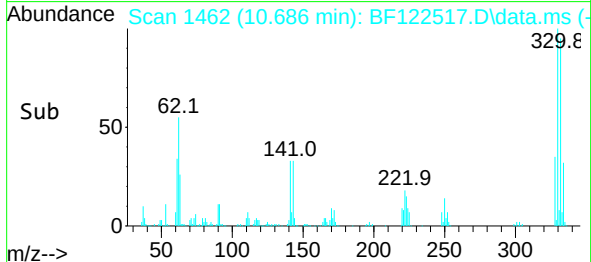
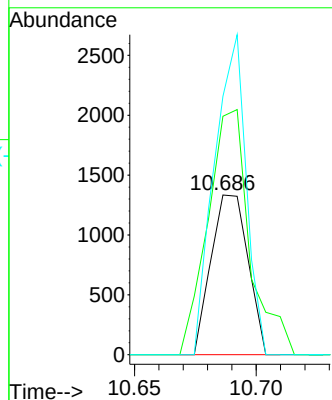
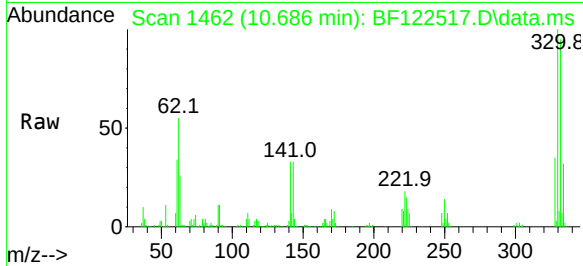




#65
4,6-Dinitro-2-methylphenol
Concen: 6.56 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13

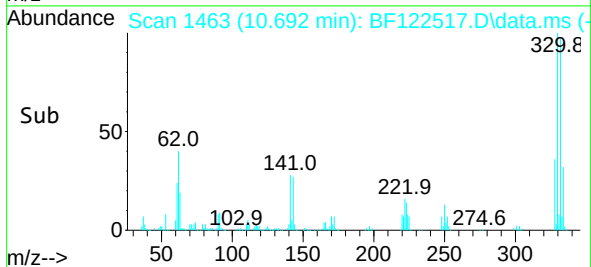
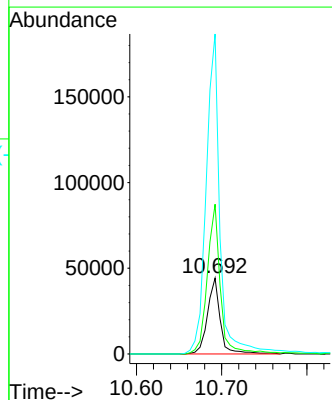
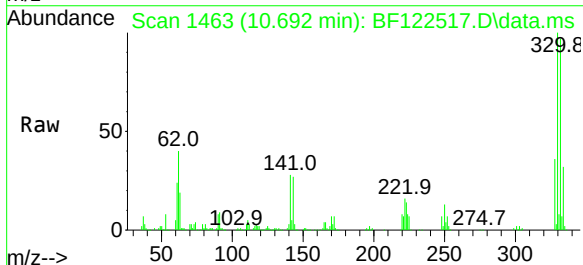
Instrument :
BNA_F
ClientSampleId :
PB133309BL

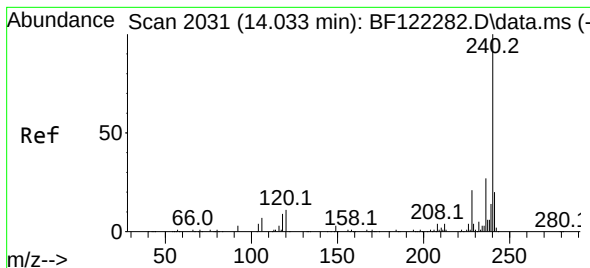
Tgt Ion:198 Resp: 1404
Ion Ratio Lower Upper
198 100
51 149.3 29.6 69.6#
105 161.7 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13

Tgt Ion:248 Resp: 46252
Ion Ratio Lower Upper
248 100
250 197.4 77.0 115.6#
141 421.8 53.7 80.5#

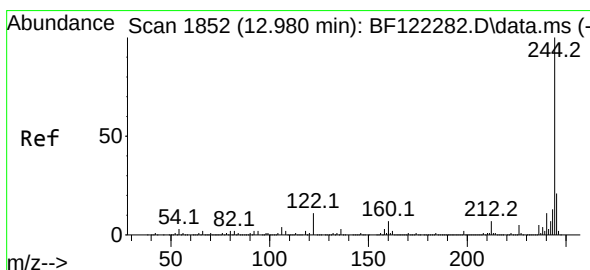
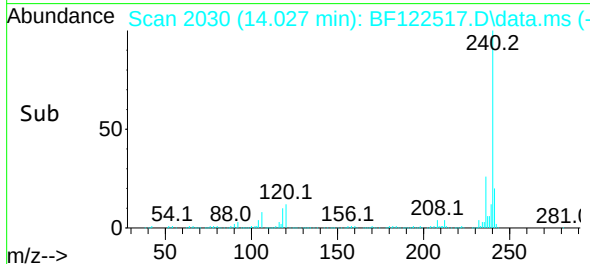
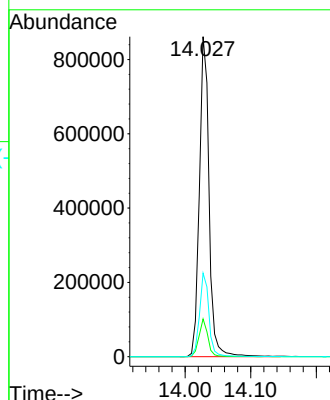
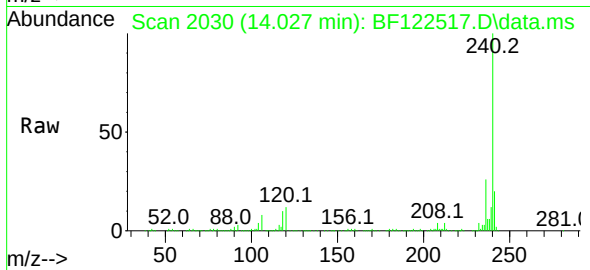




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13

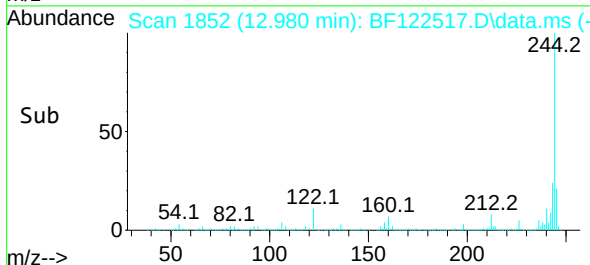
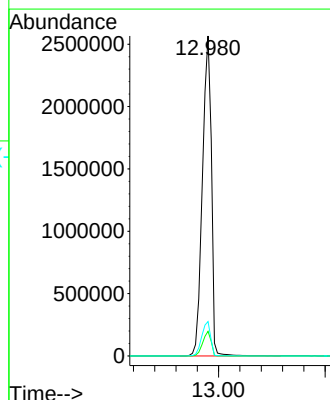
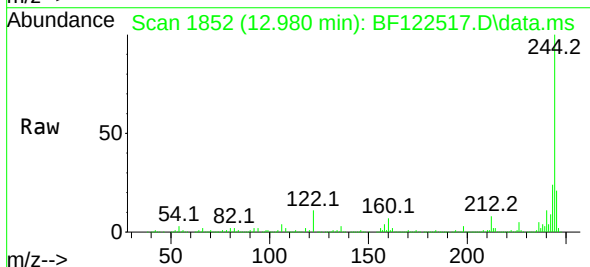
Instrument :
BNA_F
ClientSampleId :
PB133309BL

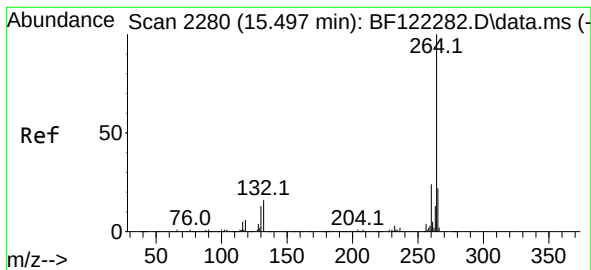
Tgt Ion:240 Resp: 886577
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 71.56 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF122517.D
Acq: 1 Dec 2020 12:13

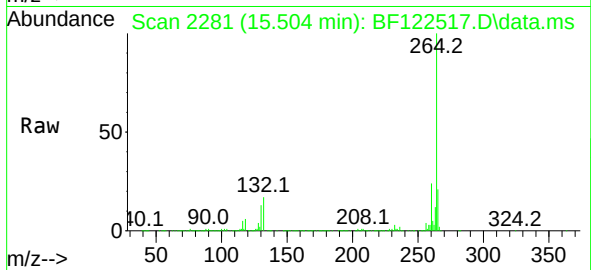
Tgt Ion:244 Resp: 2994751
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 10.7 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.000 min
 Lab File: BF122517.D
 Acq: 1 Dec 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB133309BL



Tgt Ion:264 Resp: 754962
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.2 17.3 25.9

