

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111220\
 Data File : BF122313.D
 Acq On : 12 Nov 2020 13:38
 Operator : JU/CG
 Sample : PB132953BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132953BL

Quant Time: Nov 12 14:05:16 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)

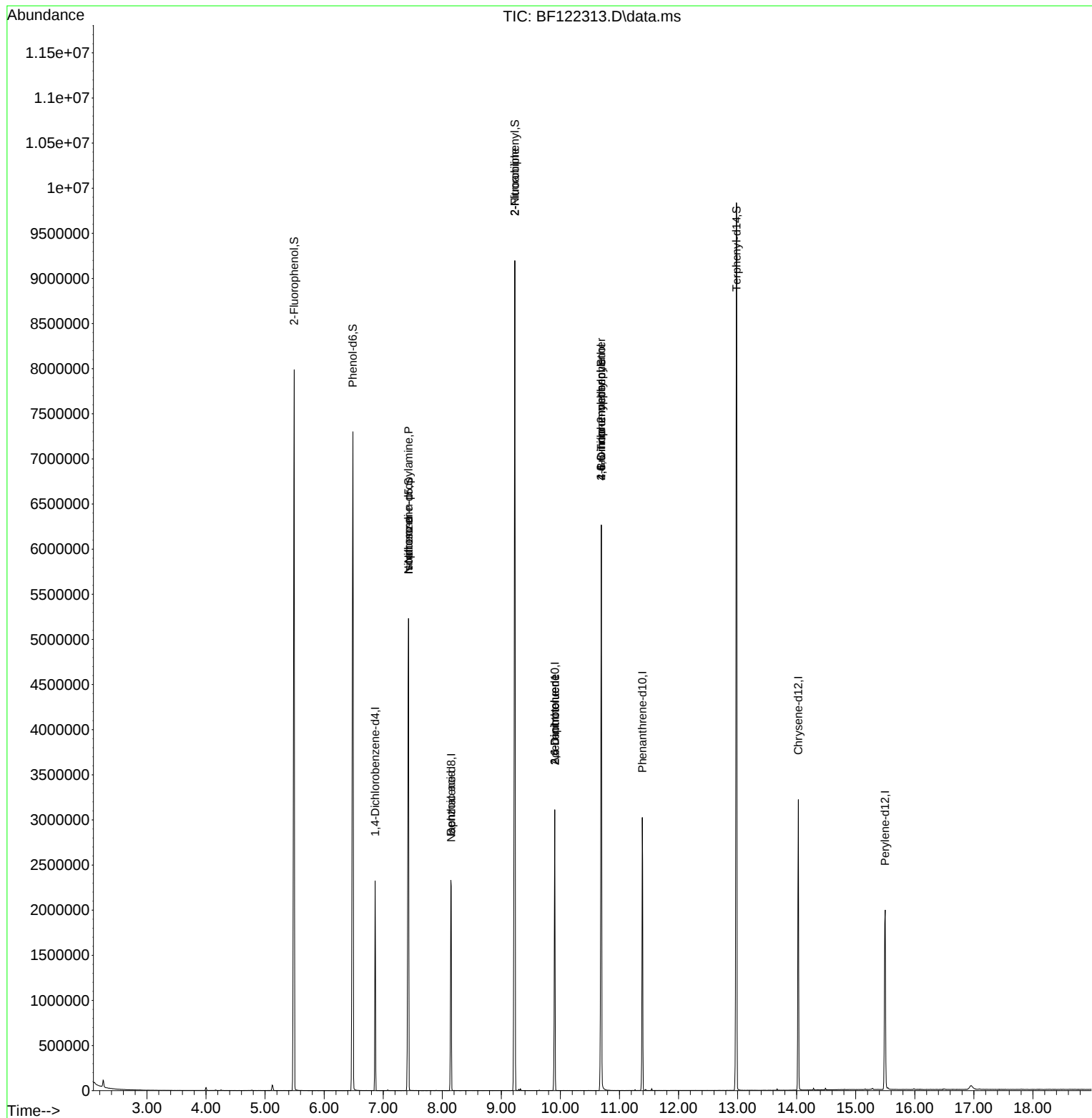
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	307248	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1183913	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	609707	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1111402	20.00	ng	0.00
76) Chrysene-d12	14.027	240	985964	20.00	ng	0.00
86) Perylene-d12	15.498	264	946175	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2479782	123.93	ng	0.02
7) Phenol-d6	6.487	99	3185719	121.70	ng	0.00
23) Nitrobenzene-d5	7.428	82	1984008	102.59	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	857718	131.07	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	3380154	86.62	ng	0.00
79) Terphenyl-d14	12.980	244	3599994	77.35	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	5160	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	270822	17.31	ng	# 77
25) Isophorone	7.428	82	1925789	44.67	ng	# 67
32) Benzoic acid	8.145	122	146	7.97	ng	# 1
48) 2-Nitroaniline	9.228	65	6024	5.64	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	80000	11.45	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	80000	10.65	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	2275	6.75	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	56362	4.32	ng	# 1

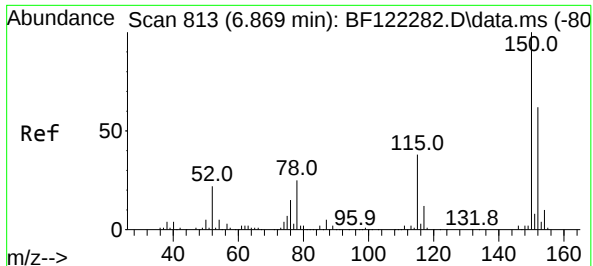
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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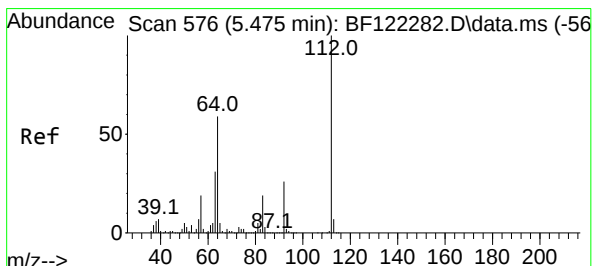
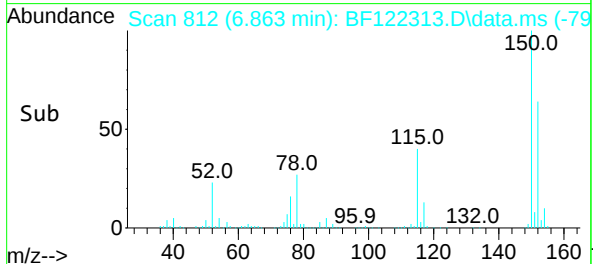
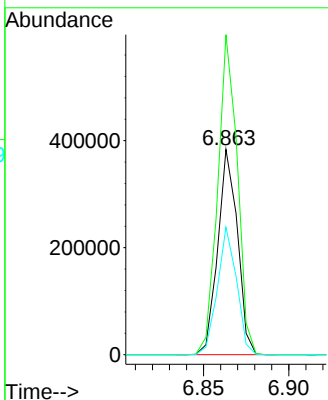
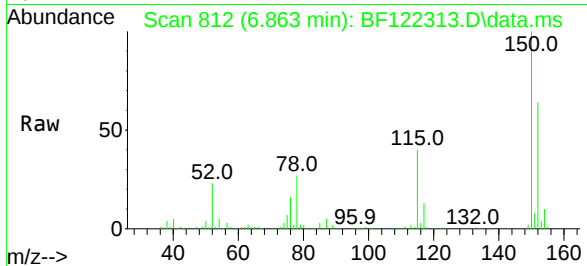




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

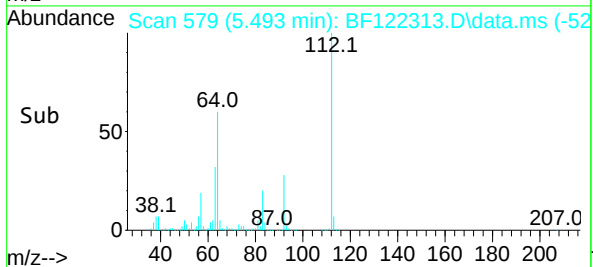
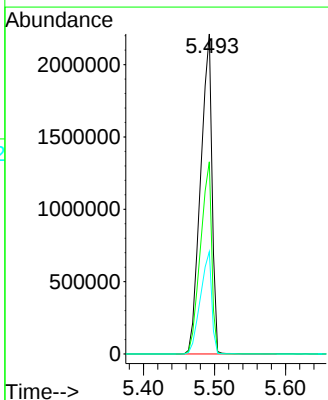
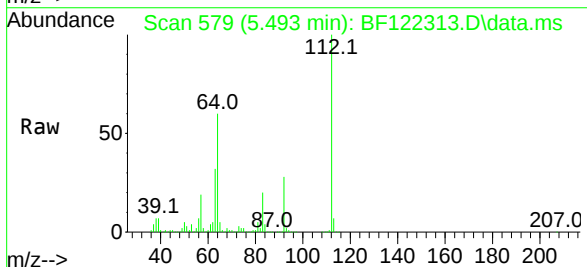
Instrument :
BNA_F
ClientSampleId :
PB132953BL

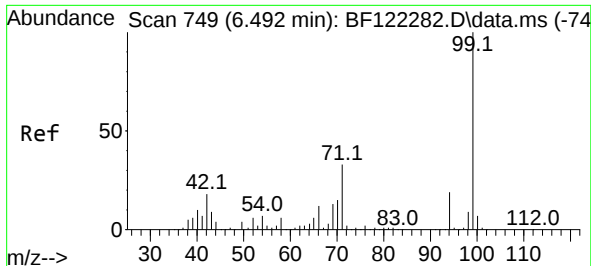
Tgt Ion:152 Resp: 307248
Ion Ratio Lower Upper
152 100
150 155.9 125.3 187.9
115 62.2 51.9 77.9



#5
2-Fluorophenol
Concen: 123.93 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

Tgt Ion:112 Resp: 2479782
Ion Ratio Lower Upper
112 100
64 60.0 50.4 75.6
63 32.0 25.8 38.6

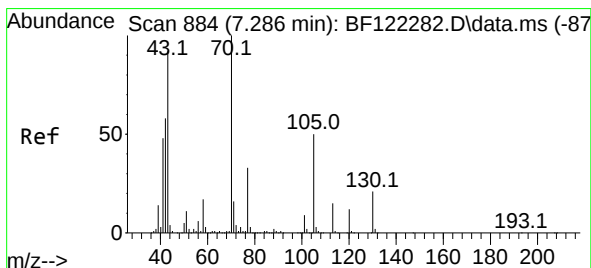
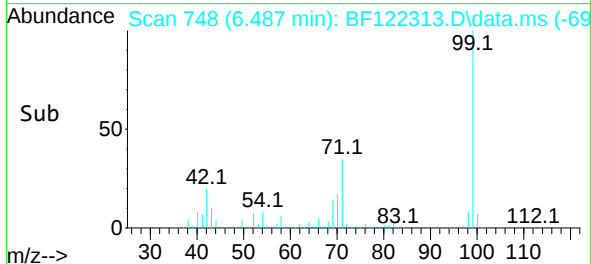
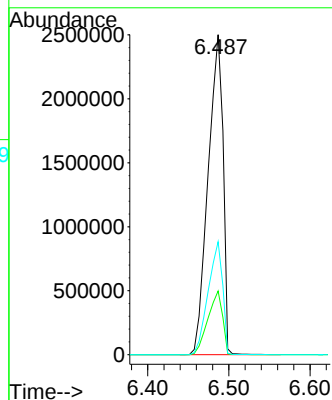
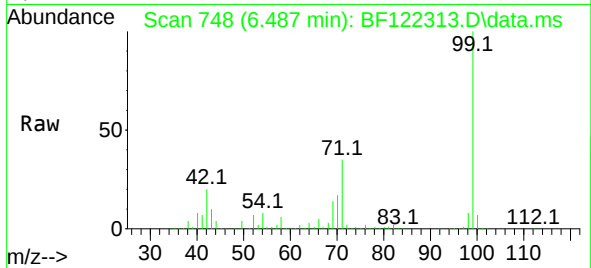




#7
Phenol-d6
Concen: 121.70 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.005 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

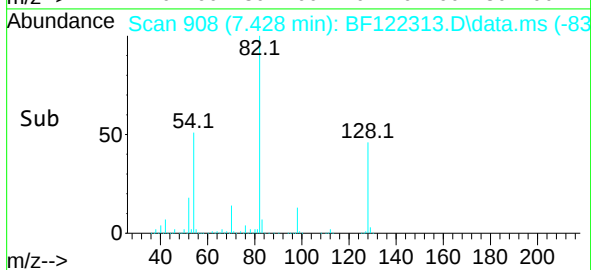
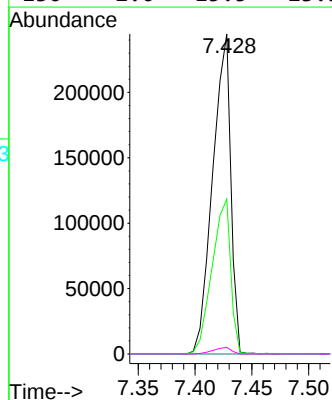
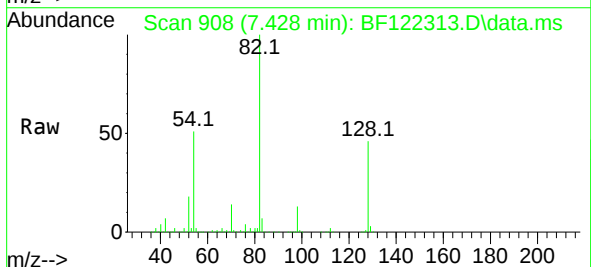
Instrument :
BNA_F
ClientSampleId :
PB132953BL

Tgt Ion: 99 Resp: 3185719
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 35.3 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.31 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.142 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

Tgt Ion: 70 Resp: 270822
Ion Ratio Lower Upper
70 100
42 48.4 50.2 75.4#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



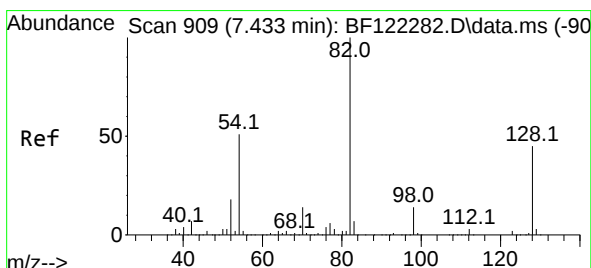
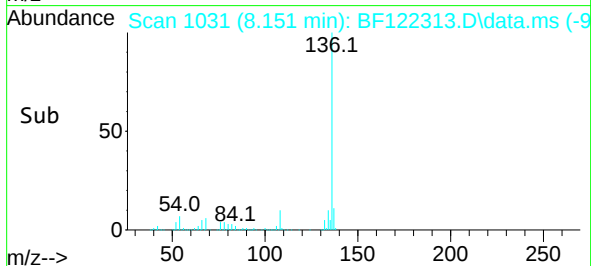
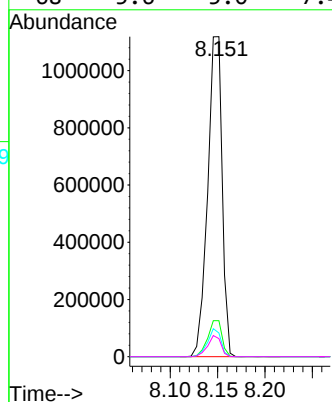
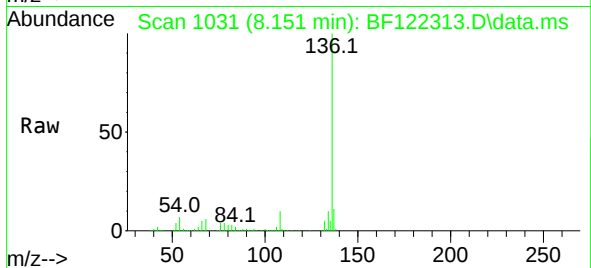


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB132953BL

Tgt Ion:136 Resp: 1183913

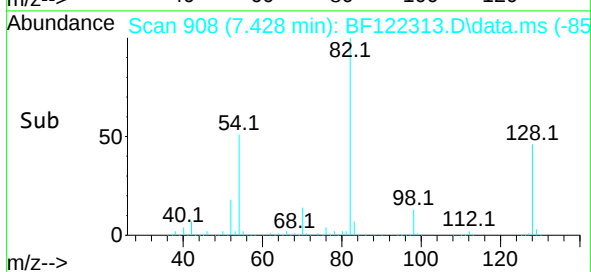
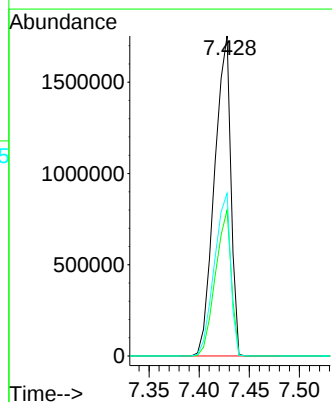
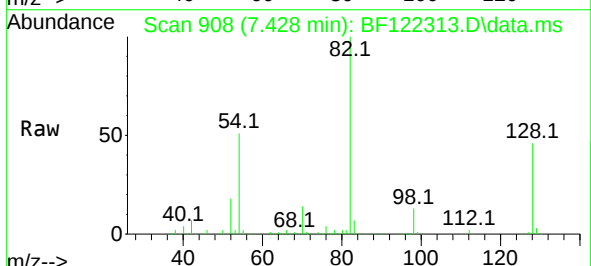
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.4	7.1	10.7
68	5.6	5.0	7.4

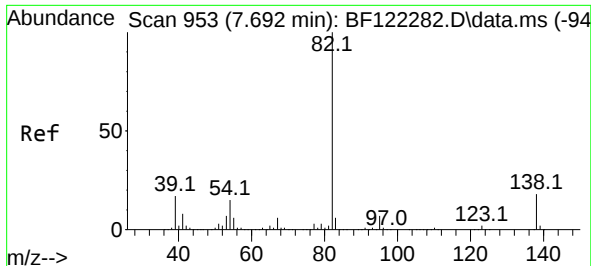


#23
Nitrobenzene-d5
Concen: 102.59 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.005 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

Tgt Ion: 82 Resp: 1984008

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.0	52.4
54	50.8	43.9	65.9

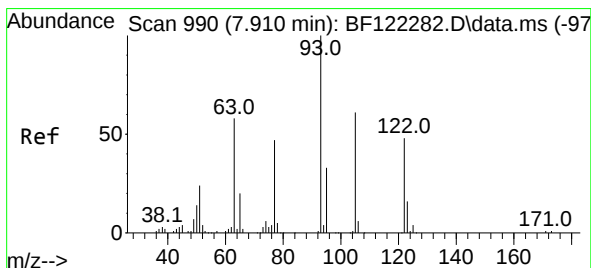
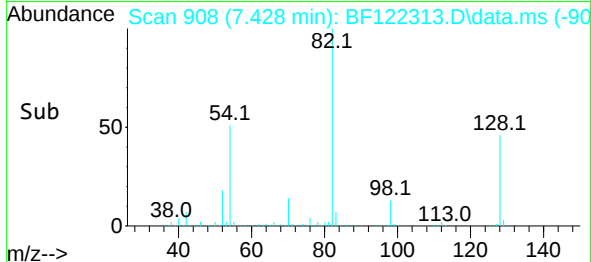
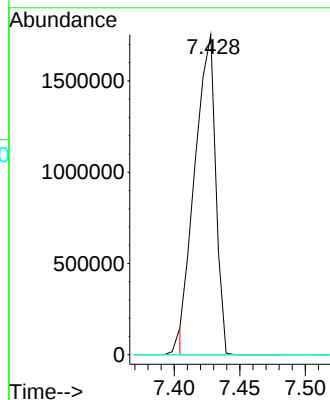
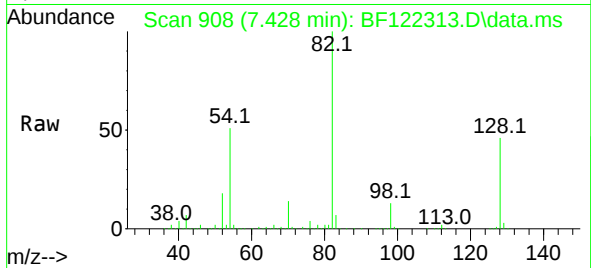




#25
Isophorone
Concen: 44.67 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

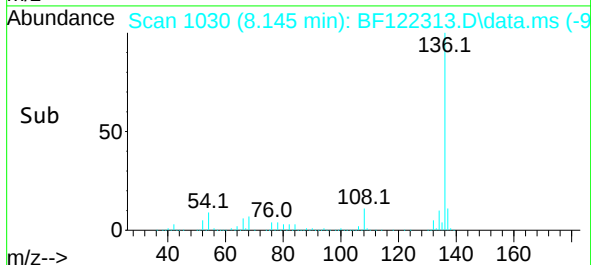
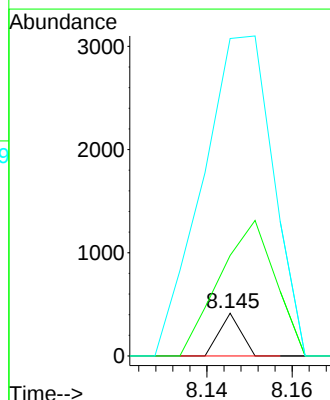
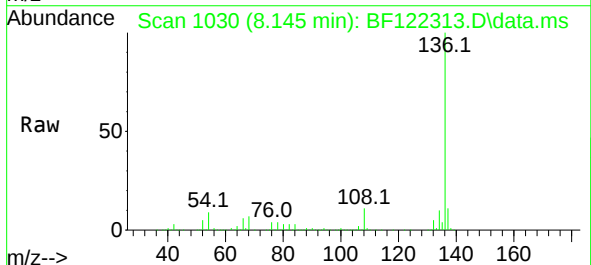
Instrument :
BNA_F
ClientSampleId :
PB132953BL

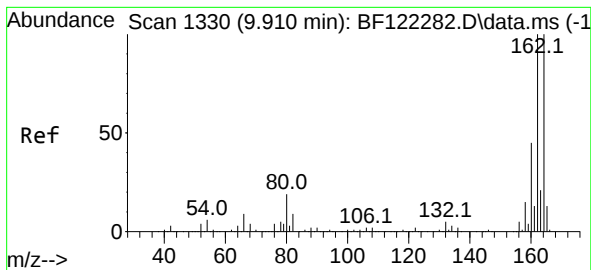
Tgt Ion: 82 Resp: 1925789
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.97 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.235 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

Tgt Ion:122 Resp: 146
Ion Ratio Lower Upper
122 100
105 235.3 103.3 143.3#
77 743.2 73.9 113.9#

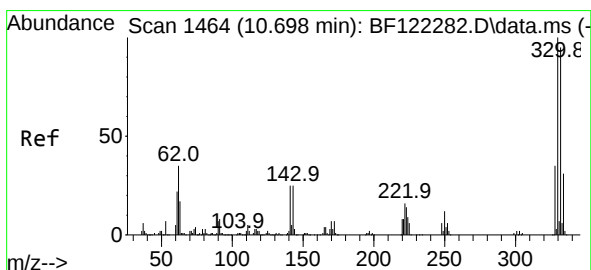
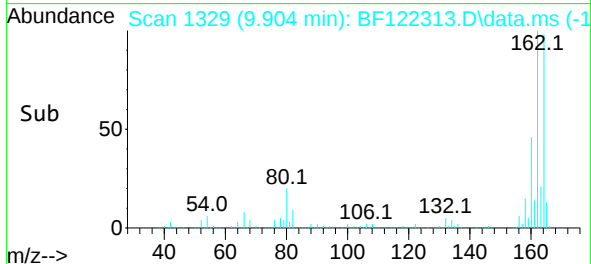
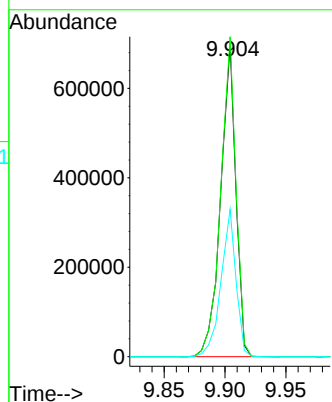
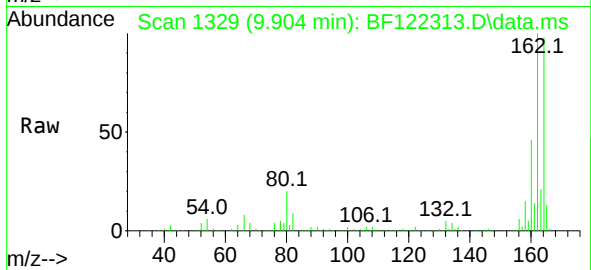




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

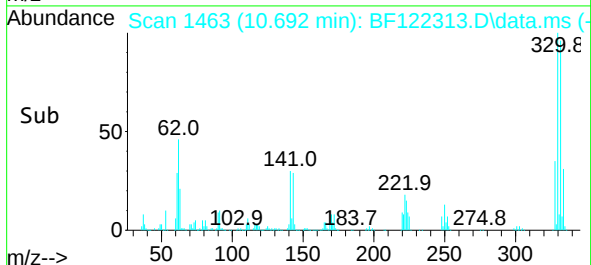
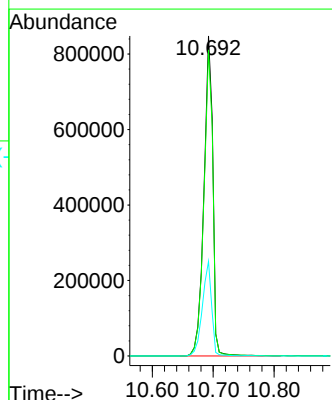
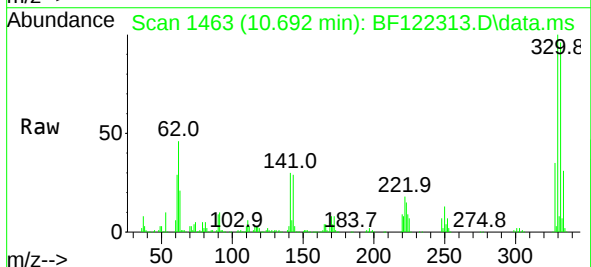
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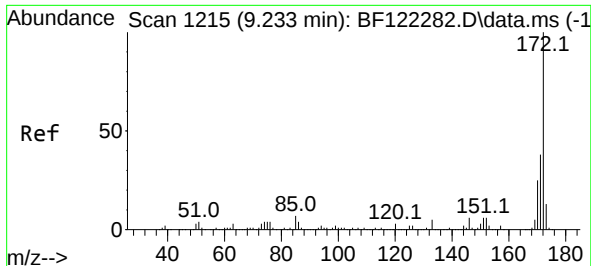
Tgt Ion:164 Resp: 609707
Ion Ratio Lower Upper
164 100
162 102.5 83.2 124.8
160 47.3 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 131.07 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.005 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

Tgt Ion:330 Resp: 857718
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 30.6 22.3 33.5

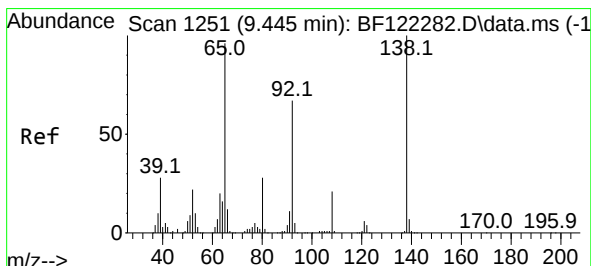
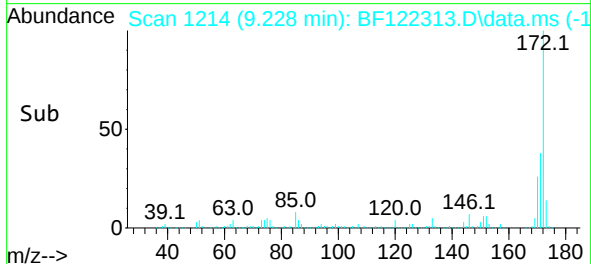
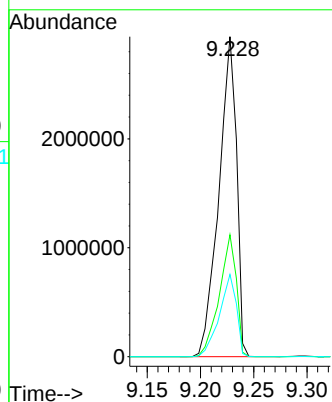
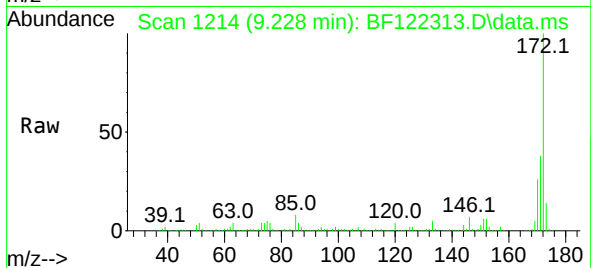




#45
2-Fluorobiphenyl
Concen: 86.62 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

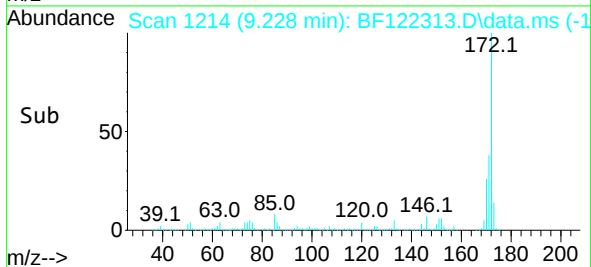
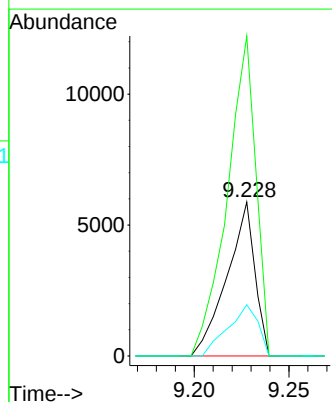
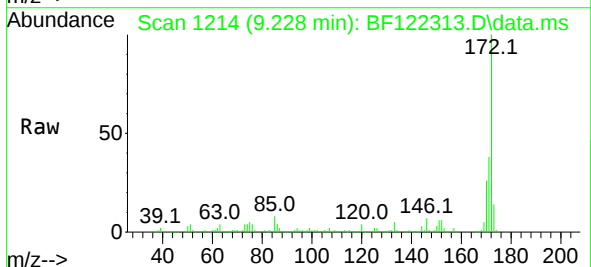
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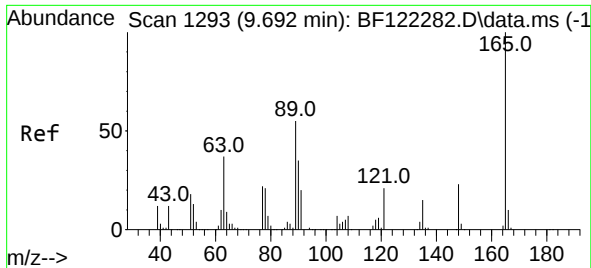
Tgt Ion:172 Resp: 3380154
Ion Ratio Lower Upper
172 100
171 38.1 29.1 43.7
170 25.7 19.8 29.6



#48
2-Nitroaniline
Concen: 5.64 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.217 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

Tgt Ion: 65 Resp: 6024
Ion Ratio Lower Upper
65 100
92 207.9 55.1 82.7#
138 33.3 80.5 120.7#

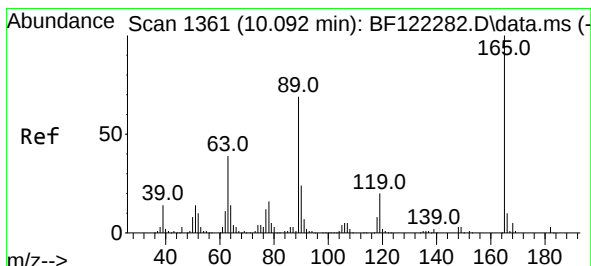
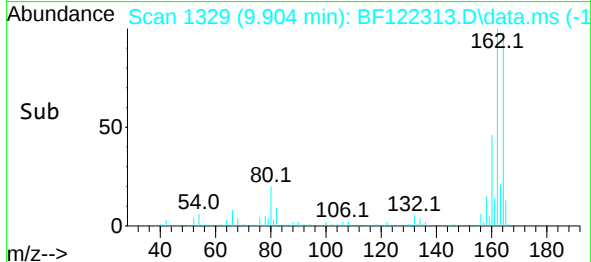
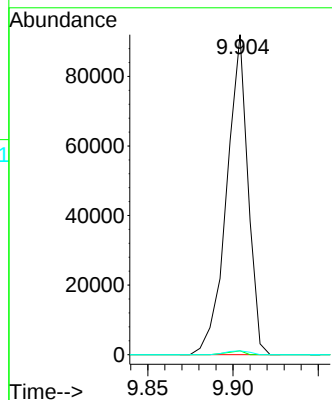
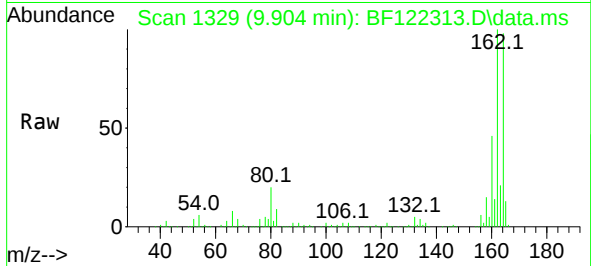




#51
2,6-Dinitrotoluene
Concen: 11.45 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

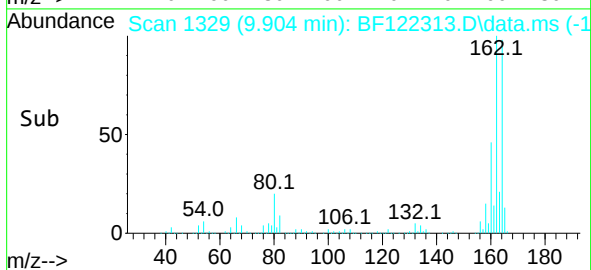
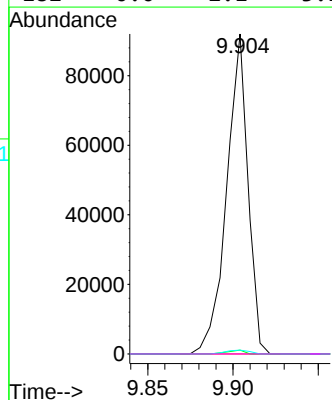
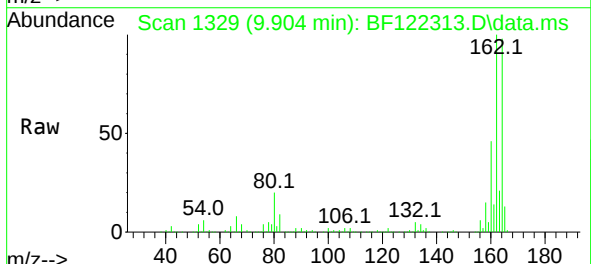
Instrument :
BNA_F
ClientSampleId :
PB132953BL

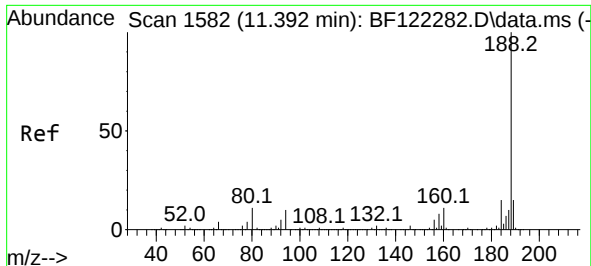
Tgt Ion:165 Resp: 80000
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.2 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.65 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

Tgt Ion:165 Resp: 80000
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.2 61.8 92.8#
182 0.0 2.1 3.1#

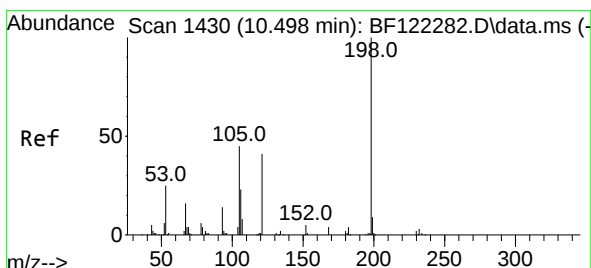
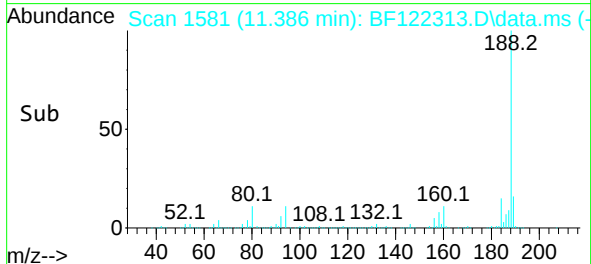
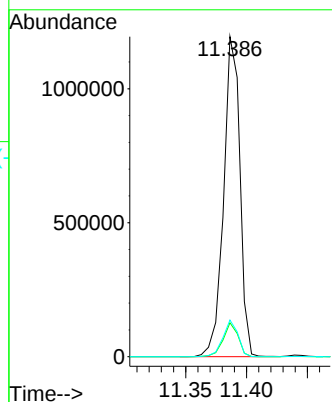
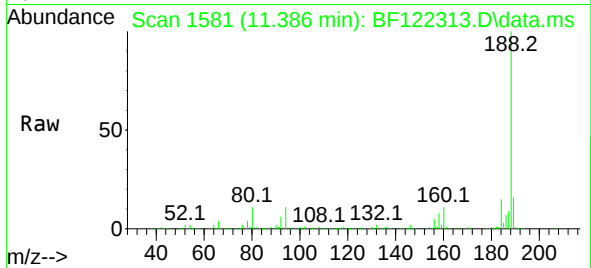




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

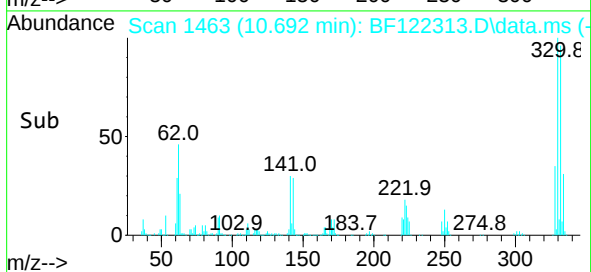
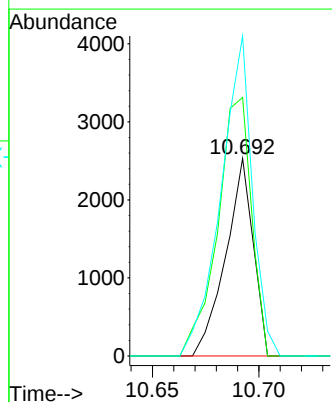
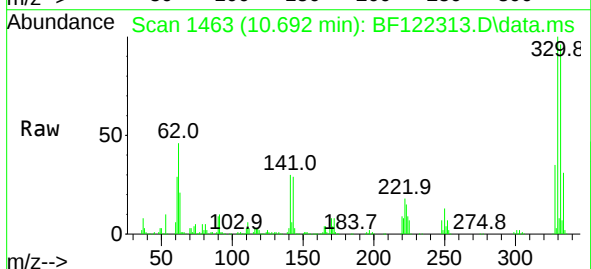
Instrument :
BNA_F
ClientSampleId :
PB132953BL

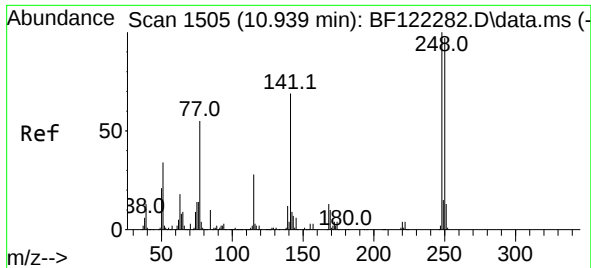
Tgt Ion:188 Resp: 1111402
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.5 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.75 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

Tgt Ion:198 Resp: 2275
Ion Ratio Lower Upper
198 100
51 130.8 29.6 69.6#
105 162.0 24.4 64.4#

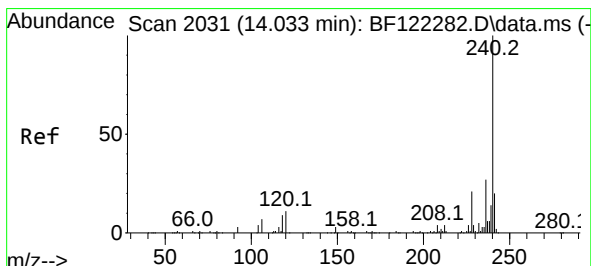
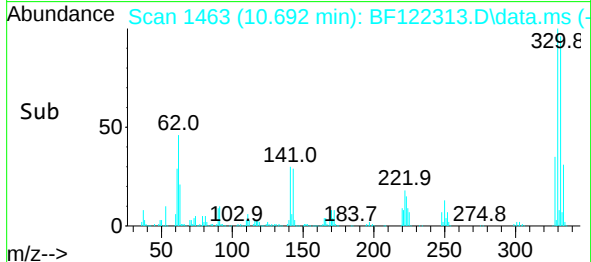
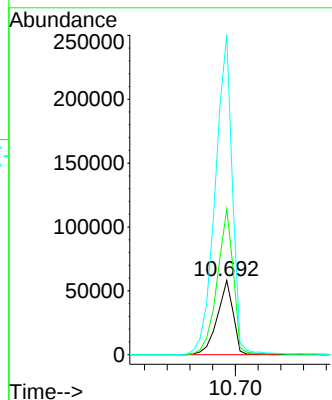
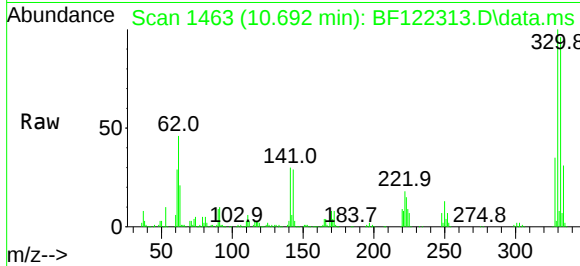




#67
4-Bromophenyl-phenylether
Concen: 4.32 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

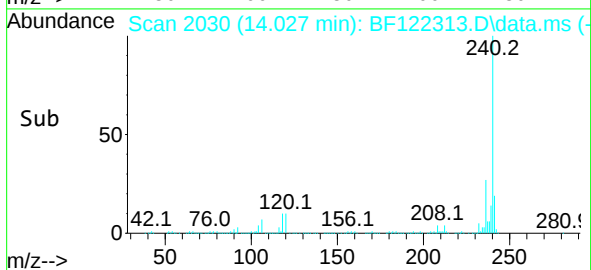
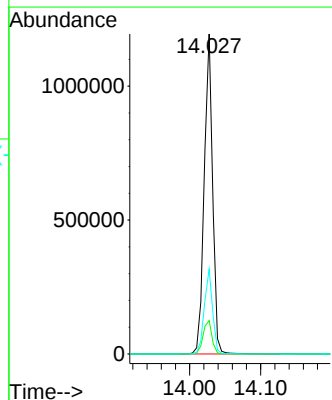
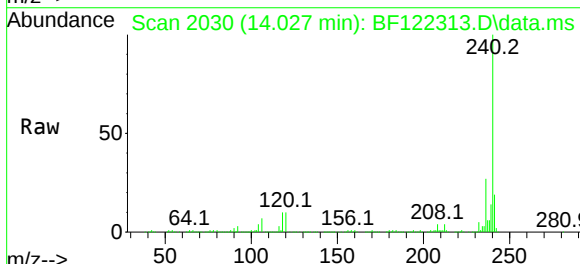
Instrument :
BNA_F
ClientSampleId :
PB132953BL

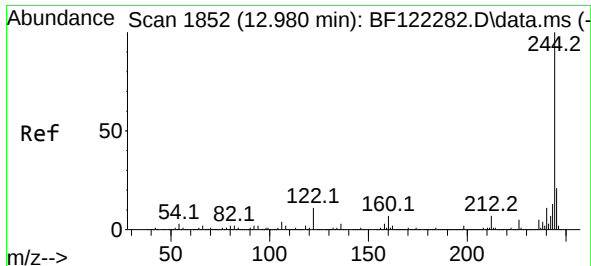
Tgt Ion:248 Resp: 56362
Ion Ratio Lower Upper
248 100
250 196.4 77.0 115.6#
141 431.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122313.D
Acq: 12 Nov 2020 13:38

Tgt Ion:240 Resp: 985964
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 26.5 20.9 31.3

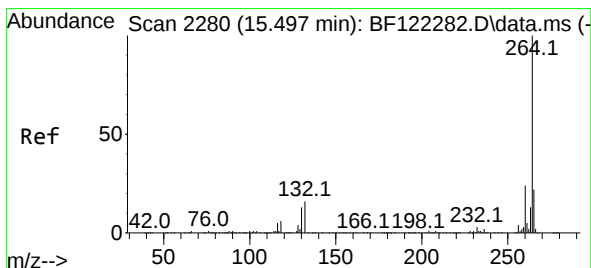
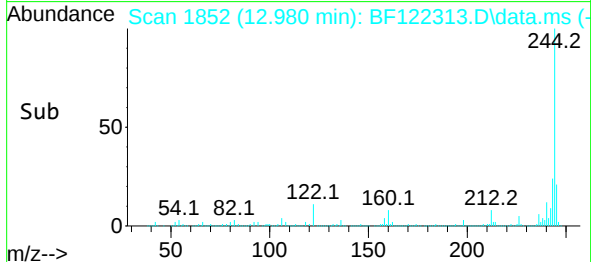
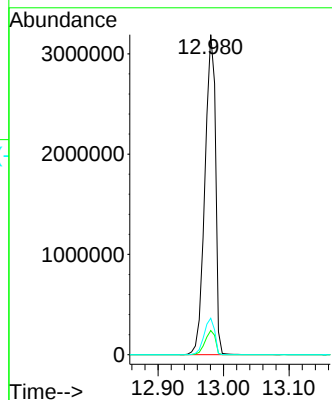
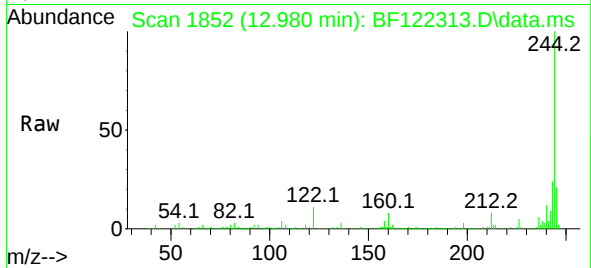




#79
 Terphenyl-d14
 Concen: 77.35 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF122313.D
 Acq: 12 Nov 2020 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB132953BL

Tgt Ion:244 Resp: 3599994
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 11.4 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.000 min
 Lab File: BF122313.D
 Acq: 12 Nov 2020 13:38

Tgt Ion:264 Resp: 946175
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.6 17.3 25.9

