

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
 Data File : BF122340.D
 Acq On : 17 Nov 2020 12:00
 Operator : JU/CG
 Sample : PB132985BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132985BL

Quant Time: Nov 17 12:36:24 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)

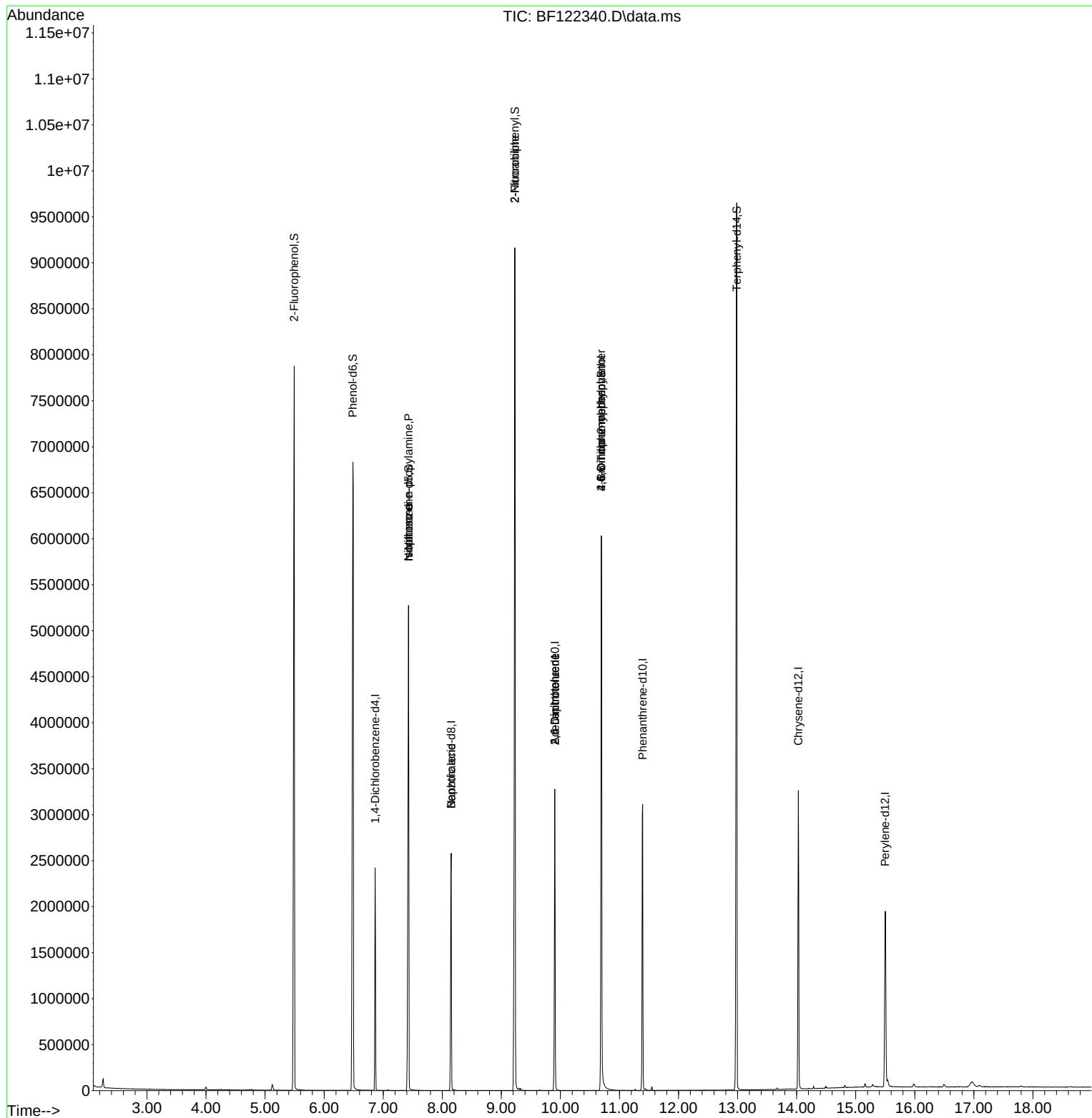
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	331253	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1277041	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	667127	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	1206188	20.00	ng	0.00
76) Chrysene-d12	14.027	240	1099369	20.00	ng	0.00
86) Perylene-d12	15.498	264	1021637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2475237	114.74	ng	0.02
7) Phenol-d6	6.487	99	3167471	112.23	ng	0.00
23) Nitrobenzene-d5	7.428	82	2000154	95.88	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	893831	124.83	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	3346181	78.37	ng	0.00
79) Terphenyl-d14	12.986	244	3605799	69.48	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	5109	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	275366	16.33	ng	# 75
25) Isophorone	7.428	82	1939117	41.70	ng	# 67
32) Benzoic acid	8.151	122	261	7.98	ng	# 1
48) 2-Nitroaniline	9.228	65	5747	5.58	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	86196	11.33	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	86196	10.56	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	1723	6.56	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	56562	3.99	ng	# 1

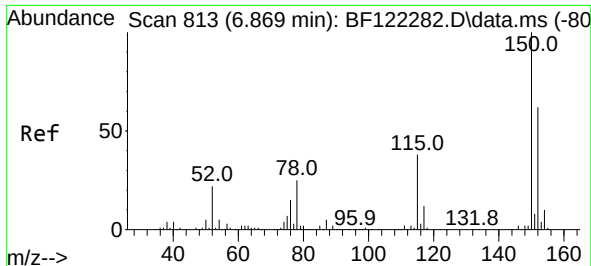
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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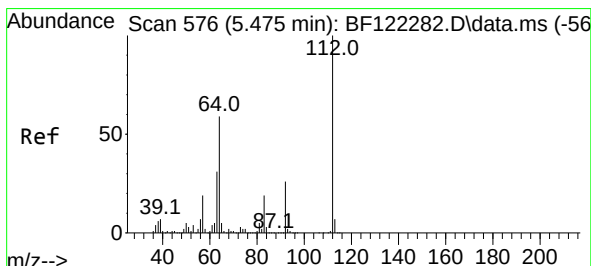
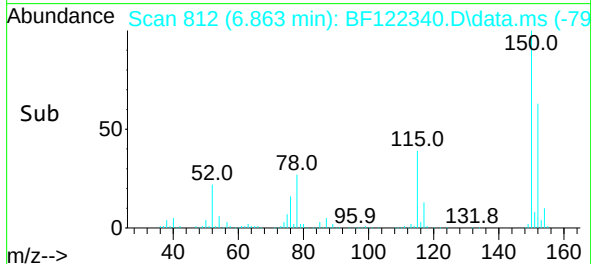
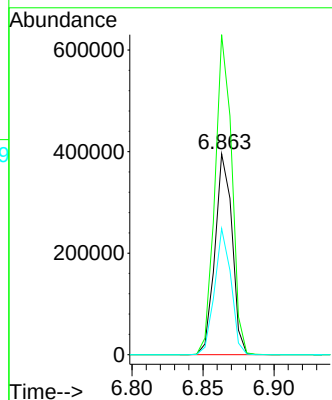
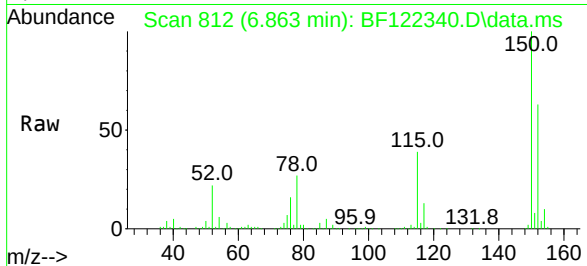




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

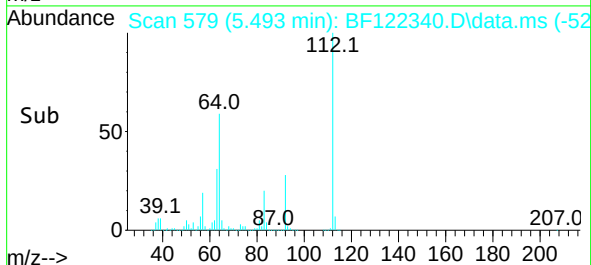
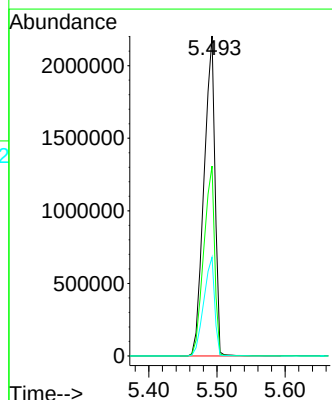
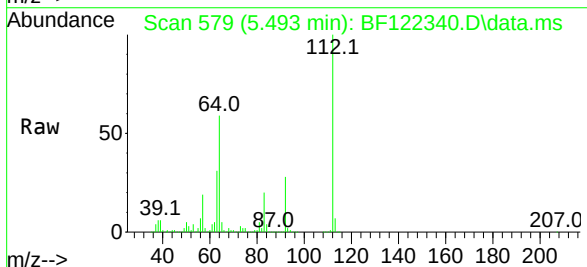
Instrument :
BNA_F
ClientSampleId :
PB132985BL

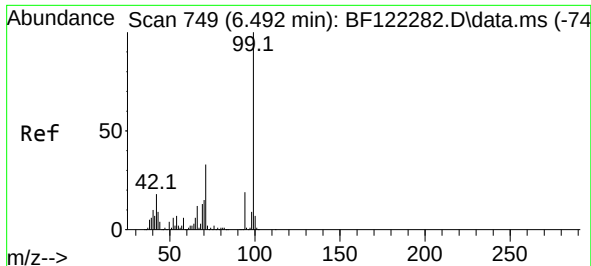
Tgt Ion:152 Resp: 331253
Ion Ratio Lower Upper
152 100
150 159.3 125.3 187.9
115 62.8 51.9 77.9



#5
2-Fluorophenol
Concen: 114.74 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

Tgt Ion:112 Resp: 2475237
Ion Ratio Lower Upper
112 100
64 59.4 50.4 75.6
63 30.9 25.8 38.6

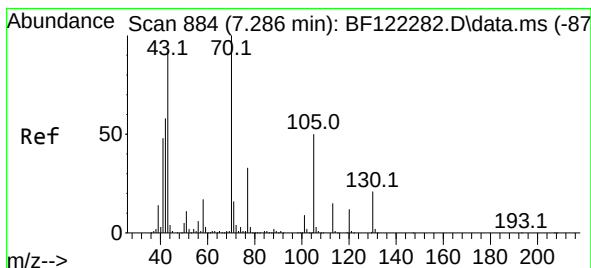
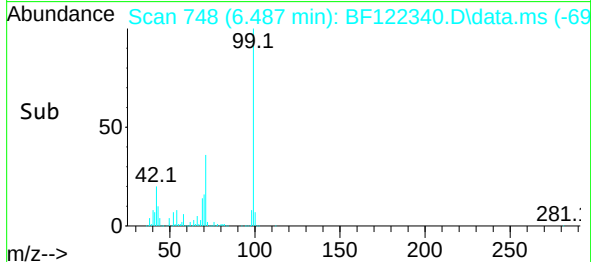
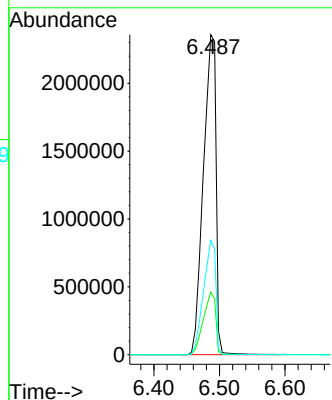
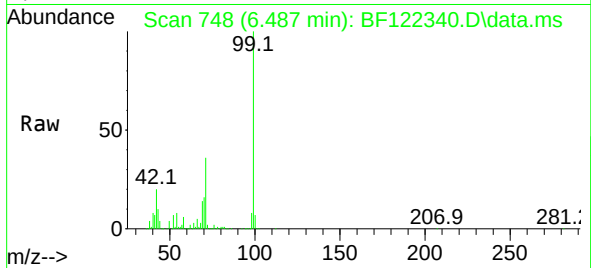




#7
Phenol-d6
Concen: 112.23 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.005 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

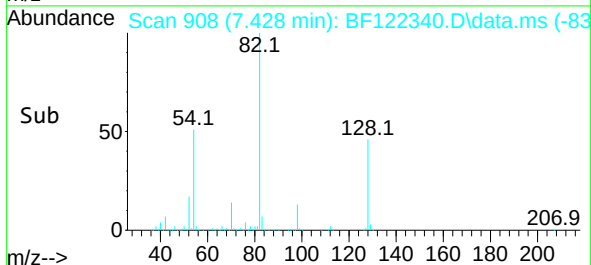
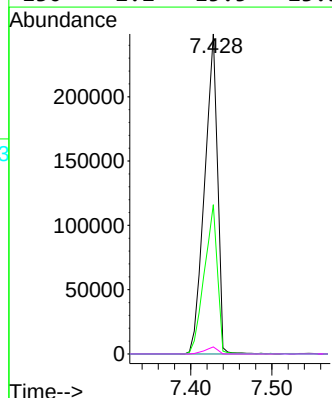
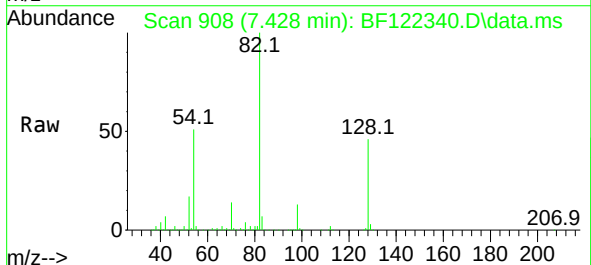
Instrument :
BNA_F
ClientSampleId :
PB132985BL

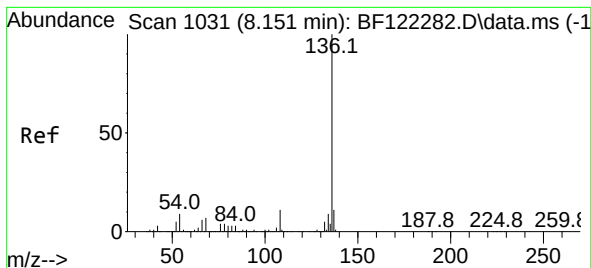
Tgt Ion: 99 Resp: 3167471
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.33 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.142 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

Tgt Ion: 70 Resp: 275366
Ion Ratio Lower Upper
70 100
42 46.6 50.2 75.4#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#



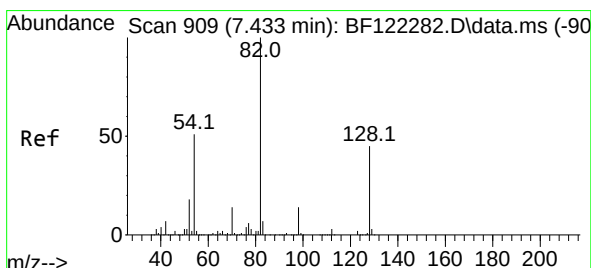
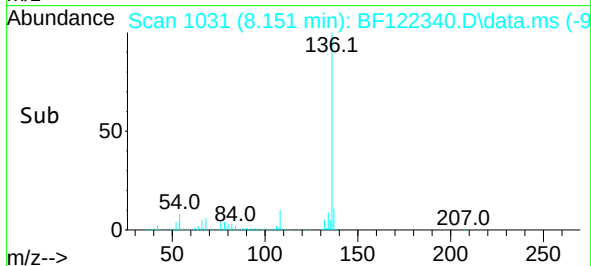
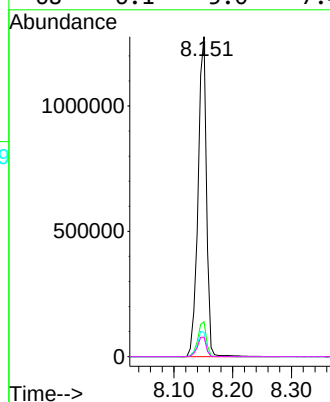
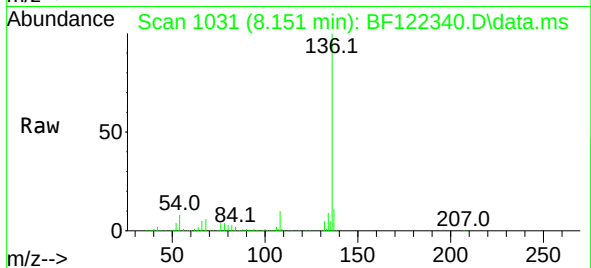


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

Instrument :
BNA_F
ClientSampleId :
PB132985BL

Tgt Ion:136 Resp: 1277041

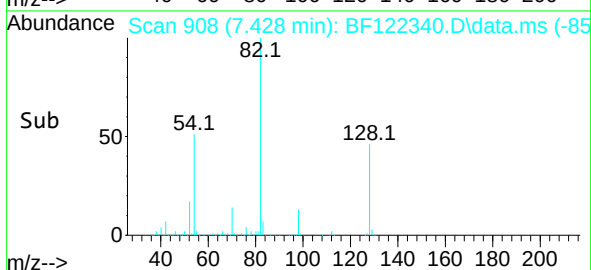
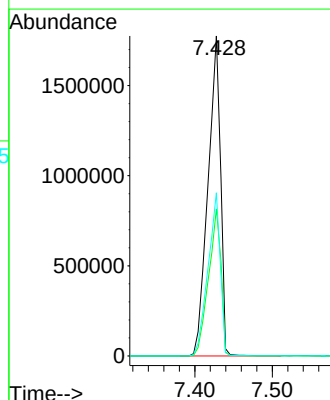
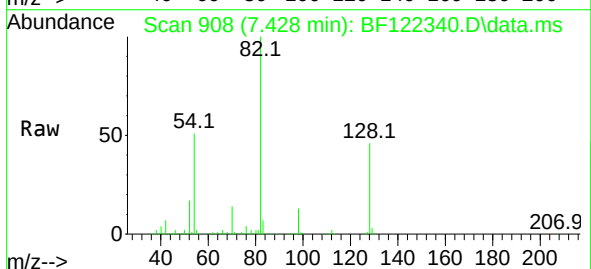
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.6	7.1	10.7
68	6.1	5.0	7.4

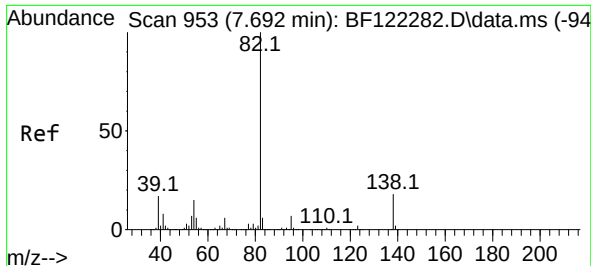


#23
Nitrobenzene-d5
Concen: 95.88 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.005 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

Tgt Ion: 82 Resp: 2000154

Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.0	52.4
54	51.0	43.9	65.9

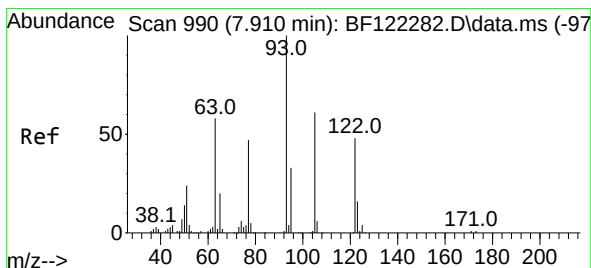
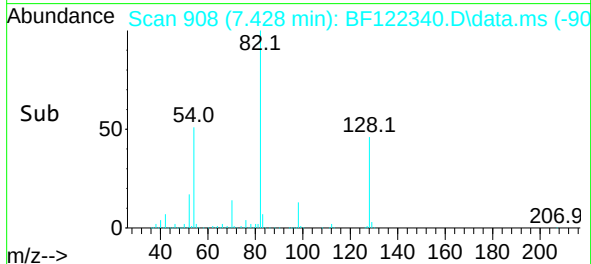
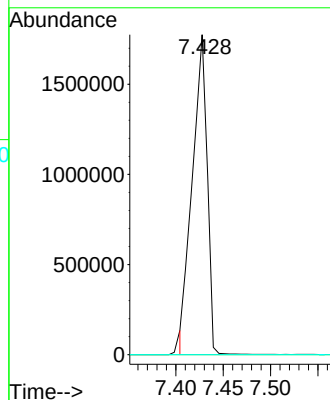
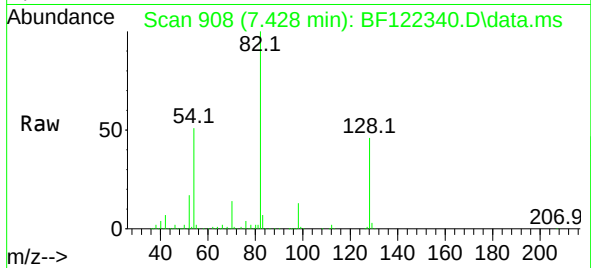




#25
Isophorone
Concen: 41.70 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

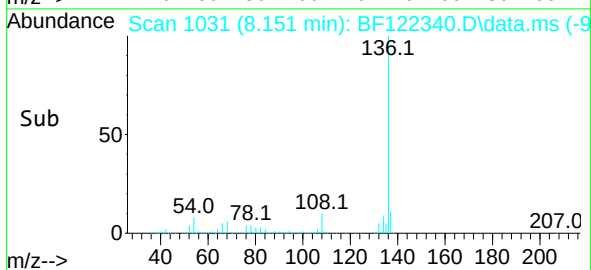
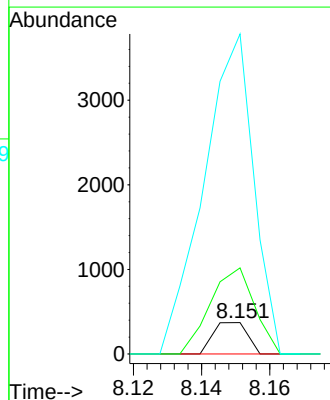
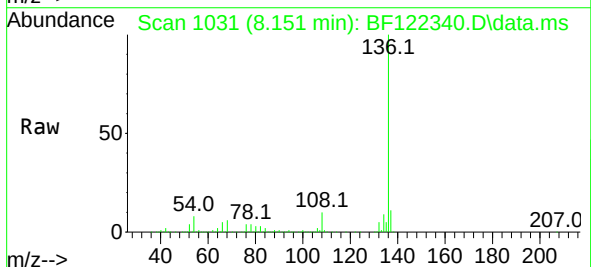
Instrument :
BNA_F
ClientSampleId :
PB132985BL

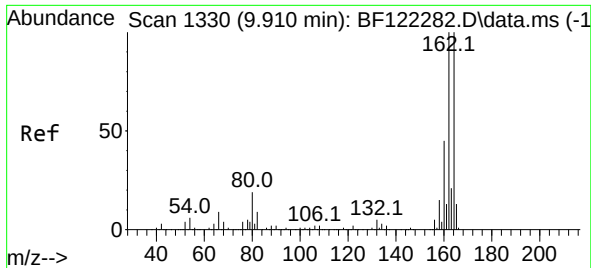
Tgt Ion: 82 Resp: 1939117
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.98 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.241 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

Tgt Ion:122 Resp: 261
Ion Ratio Lower Upper
122 100
105 274.4 103.3 143.3#
77 1019.7 73.9 113.9#

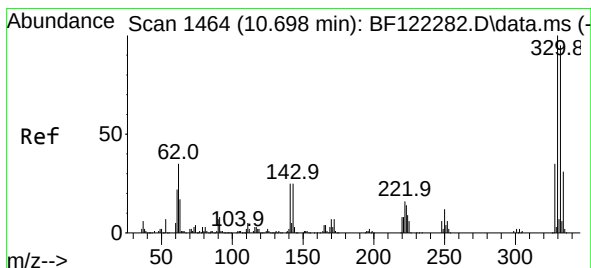
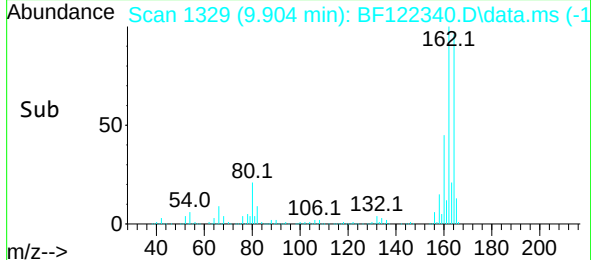
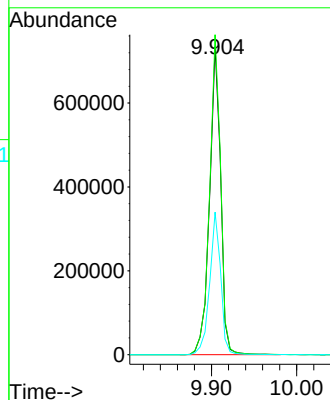
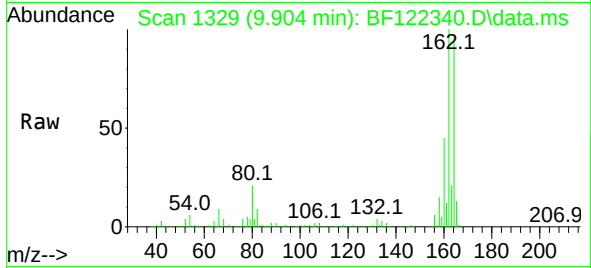




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

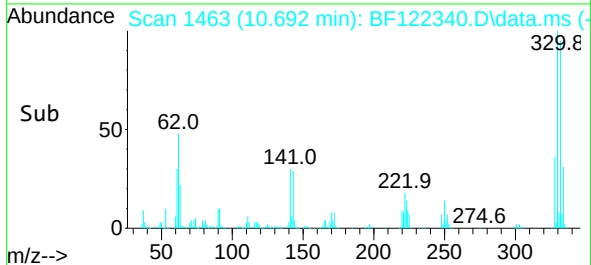
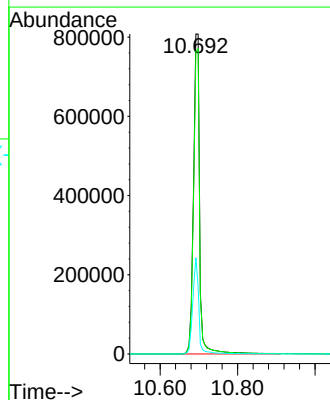
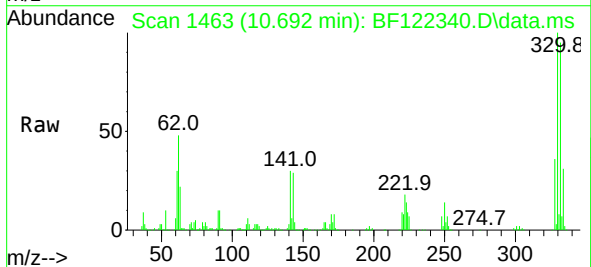
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ClientSampleId :
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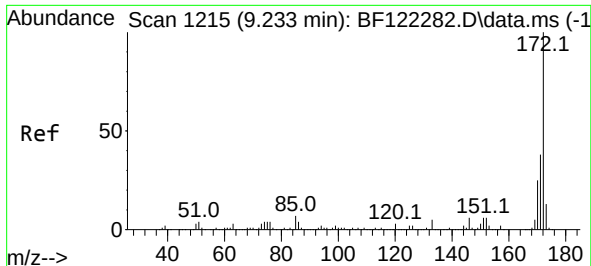
Tgt Ion:164 Resp: 667127
Ion Ratio Lower Upper
164 100
162 103.9 83.2 124.8
160 46.3 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 124.83 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.005 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

Tgt Ion:330 Resp: 893831
Ion Ratio Lower Upper
330 100
332 94.7 77.3 115.9
141 29.2 22.3 33.5

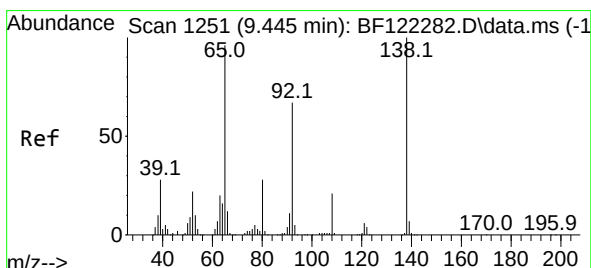
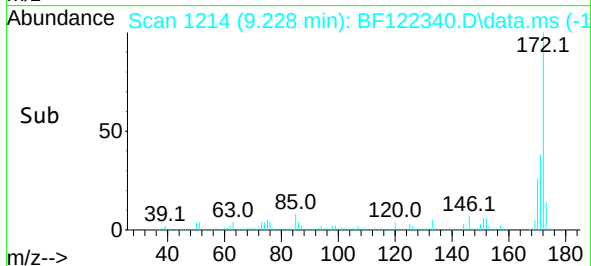
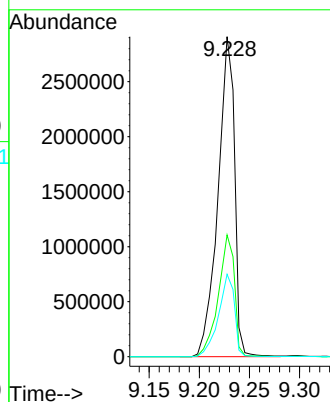
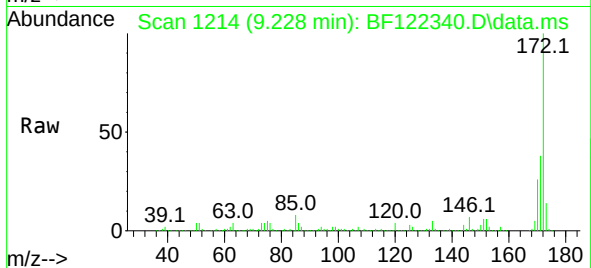




#45
2-Fluorobiphenyl
Concen: 78.37 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

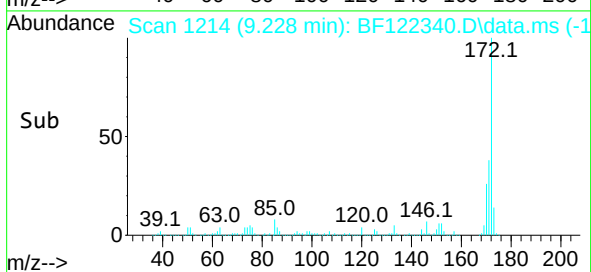
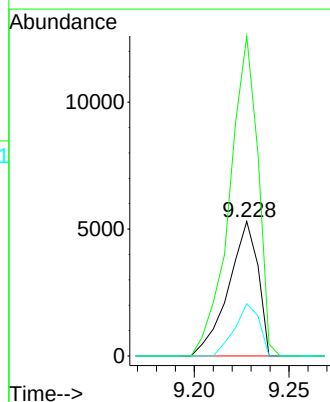
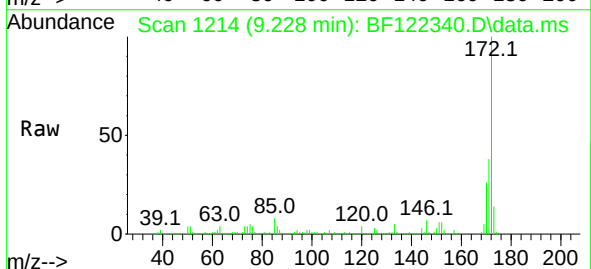
Instrument :
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ClientSampleId :
PB132985BL

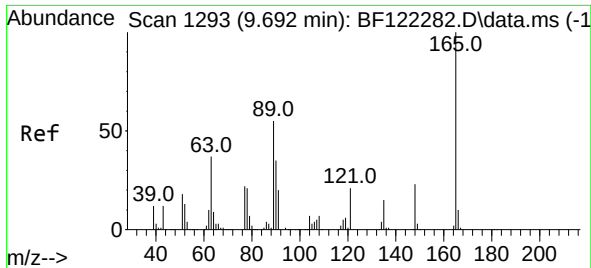
Tgt Ion:172 Resp: 3346181
Ion Ratio Lower Upper
172 100
171 38.0 29.1 43.7
170 25.8 19.8 29.6



#48
2-Nitroaniline
Concen: 5.58 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.217 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

Tgt Ion: 65 Resp: 5747
Ion Ratio Lower Upper
65 100
92 237.9 55.1 82.7#
138 38.8 80.5 120.7#

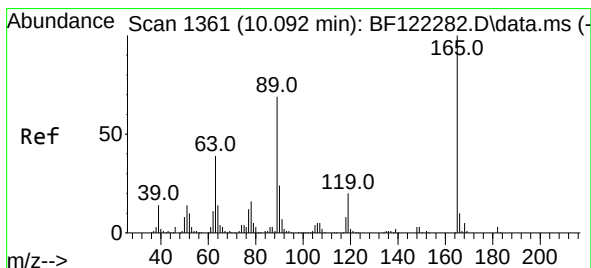
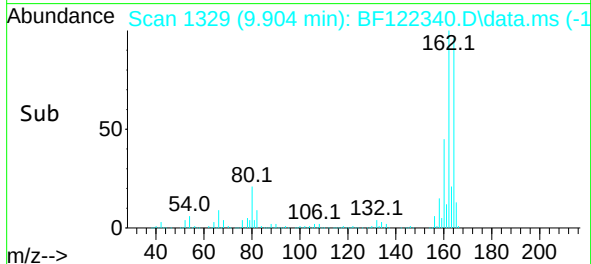
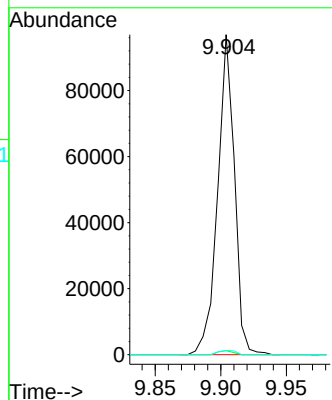
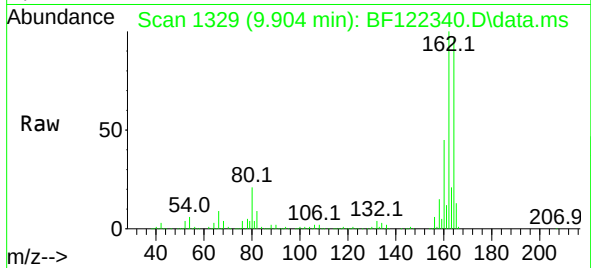




#51
2,6-Dinitrotoluene
Concen: 11.33 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

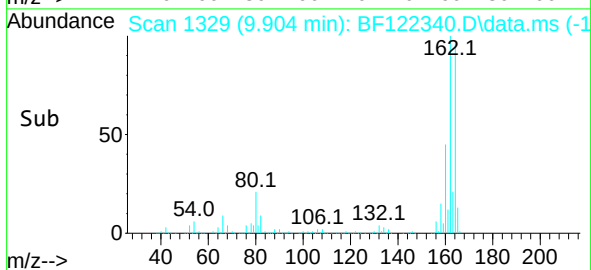
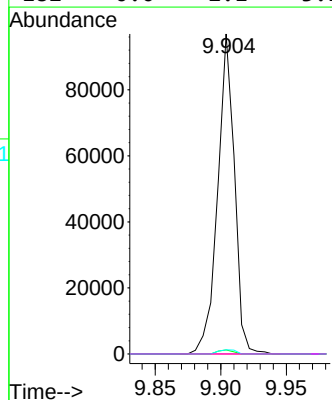
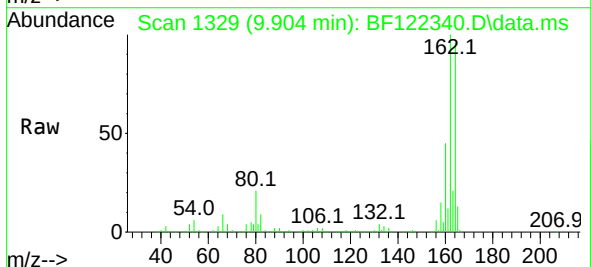
Instrument :
BNA_F
ClientSampled :
PB132985BL

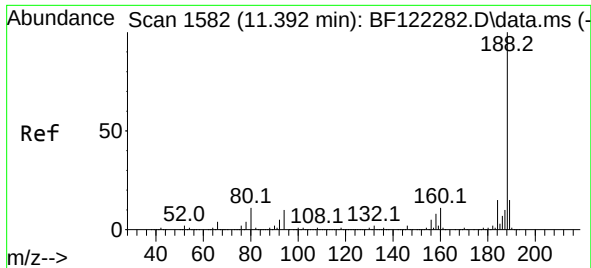
Tgt Ion:165 Resp: 86196
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.3 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.56 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

Tgt Ion:165 Resp: 86196
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#

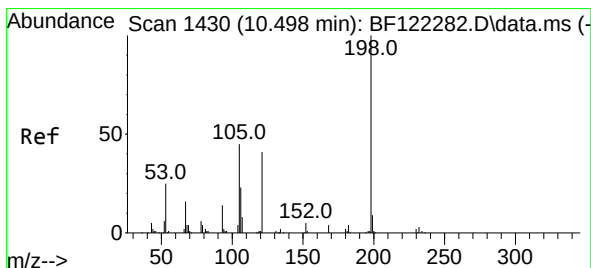
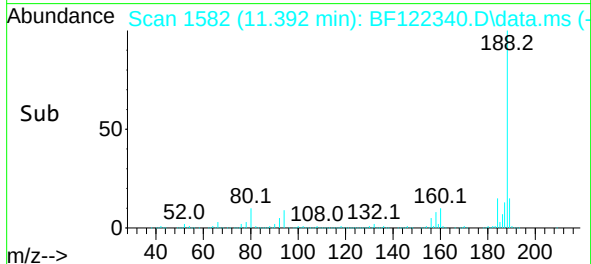
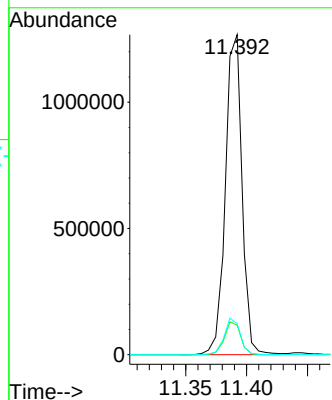
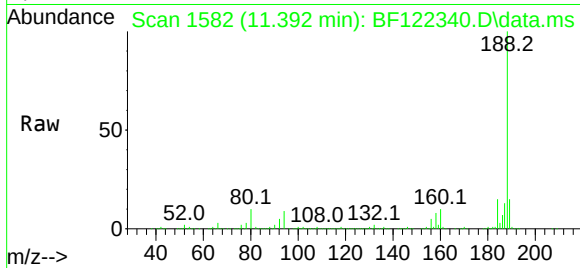




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

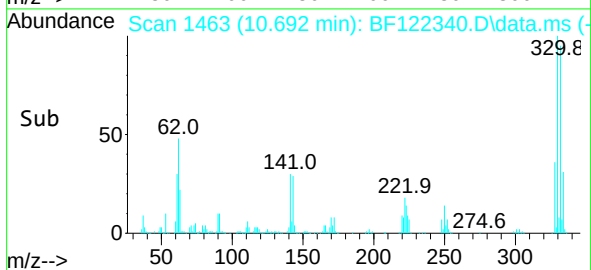
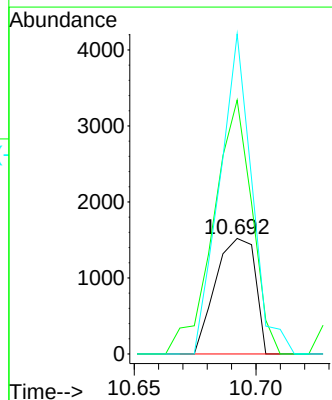
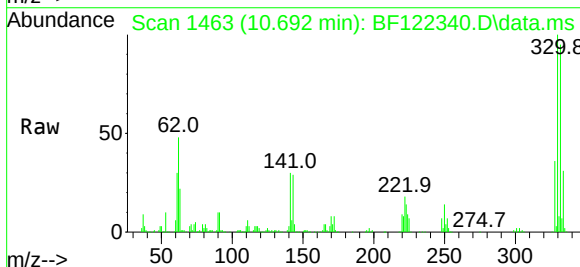
Instrument :
BNA_F
ClientSampleId :
PB132985BL

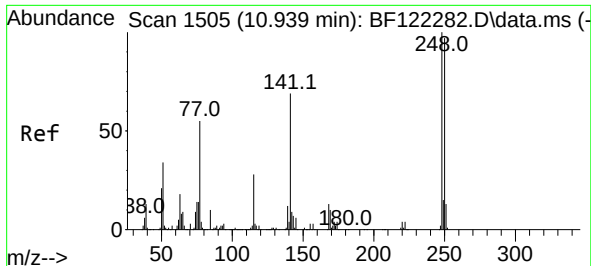
Tgt Ion:188 Resp: 1206188
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.8 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.56 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

Tgt Ion:198 Resp: 1723
Ion Ratio Lower Upper
198 100
51 219.8 29.6 69.6#
105 277.0 24.4 64.4#

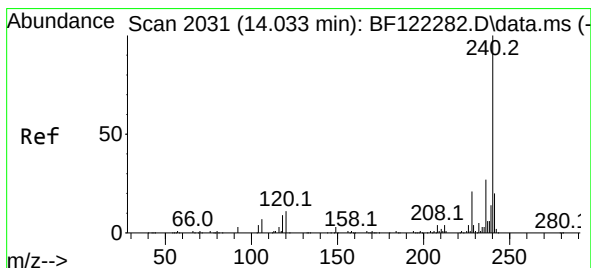
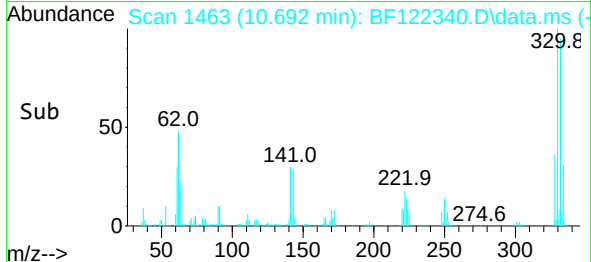
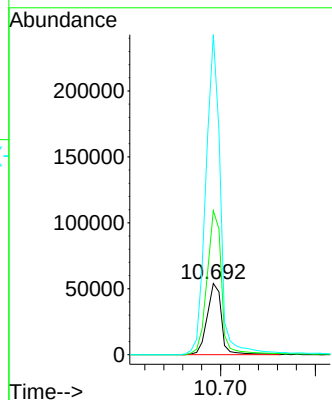
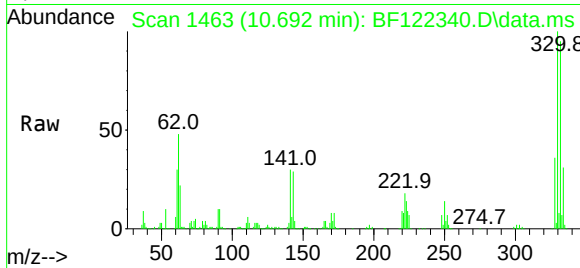




#67
4-Bromophenyl-phenylether
Concen: 3.99 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

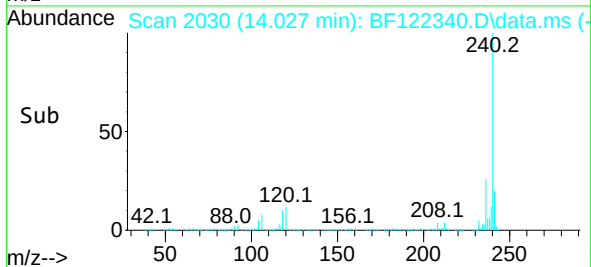
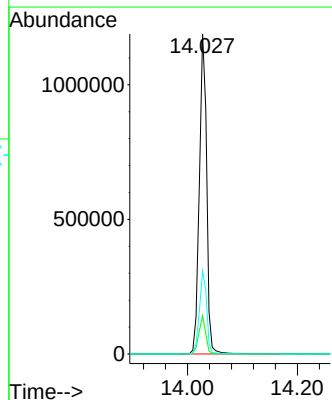
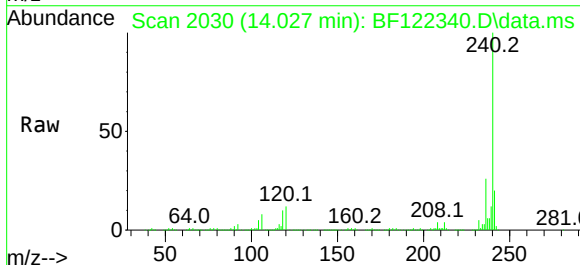
Instrument :
BNA_F
ClientSampleId :
PB132985BL

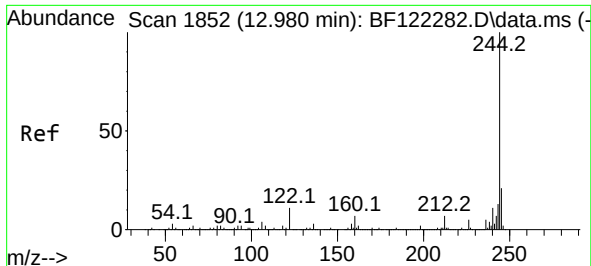
Tgt Ion:248 Resp: 56562
Ion Ratio Lower Upper
248 100
250 202.1 77.0 115.6#
141 449.0 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122340.D
Acq: 17 Nov 2020 12:00

Tgt Ion:240 Resp: 1099369
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 26.0 20.9 31.3

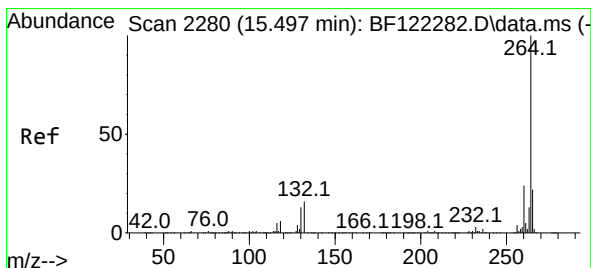
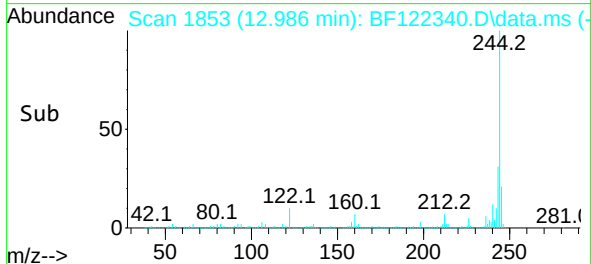
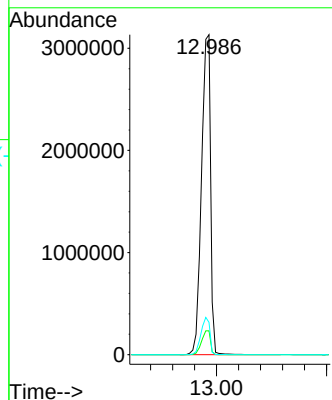
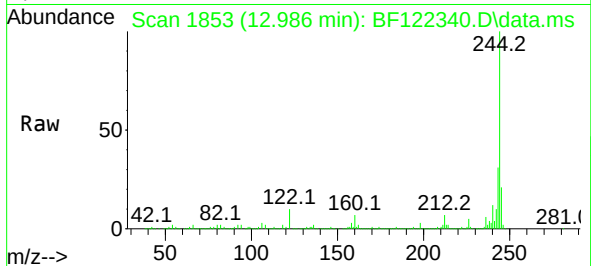




#79
 Terphenyl-d14
 Concen: 69.48 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: BF122340.D
 Acq: 17 Nov 2020 12:00

Instrument :
 BNA_F
 ClientSampleId :
 PB132985BL

Tgt Ion:244 Resp: 3605799
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 10.1 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: BF122340.D
 Acq: 17 Nov 2020 12:00

Tgt Ion:264 Resp: 1021637
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.7 17.3 25.9

