

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
 Data File : BF122343.D
 Acq On : 17 Nov 2020 13:35
 Operator : JU/CG
 Sample : PB133049BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133049BL

Quant Time: Nov 17 14:54:49 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)

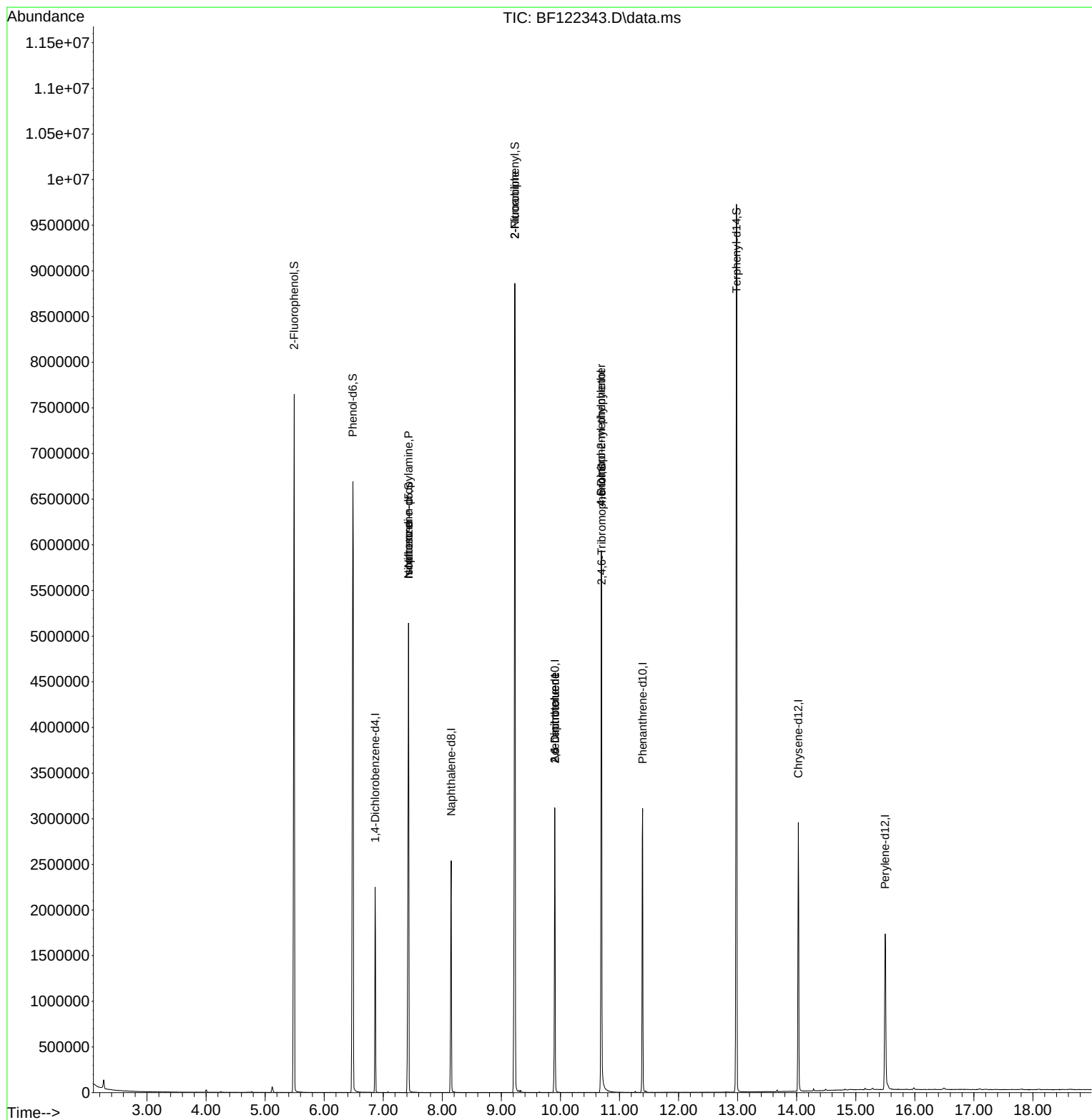
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	312013	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1188862	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	623410	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	1152179	20.00	ng	0.00
76) Chrysene-d12	14.027	240	1010709	20.00	ng	0.00
86) Perylene-d12	15.498	264	902078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	2355461	115.92	ng	0.02
7) Phenol-d6	6.486	99	3019074	113.57	ng	0.00
23) Nitrobenzene-d5	7.428	82	1909819	98.34	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	881113	131.69	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	3278952	82.18	ng	0.00
79) Terphenyl-d14	12.980	244	3494892	73.25	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.486	77	4836	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	261863	16.48	ng	# 76
25) Isophorone	7.428	82	1854681	42.84	ng	# 67
48) 2-Nitroaniline	9.227	65	5904	5.62	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	82724	11.54	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	82724	10.72	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	1703	6.58	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	58313	4.31	ng	# 1

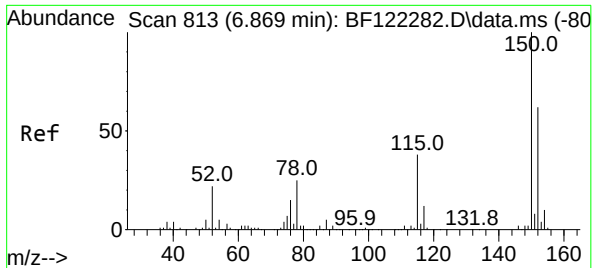
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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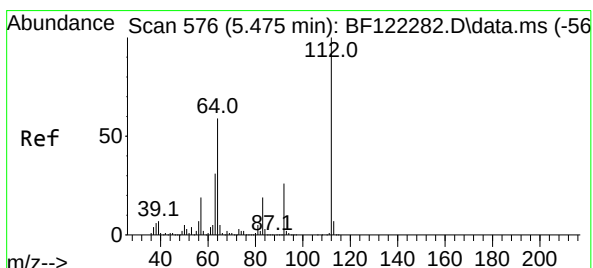
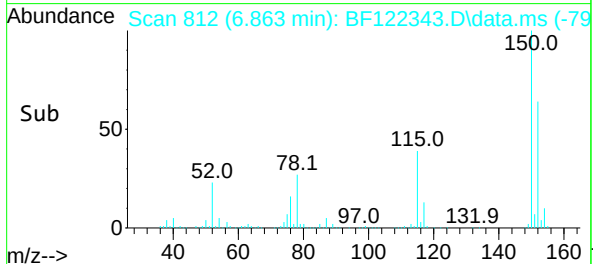
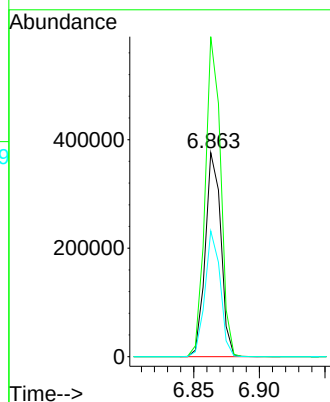
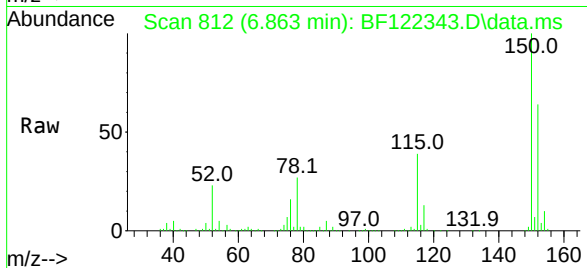




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122343.D
Acq: 17 Nov 2020 13:35

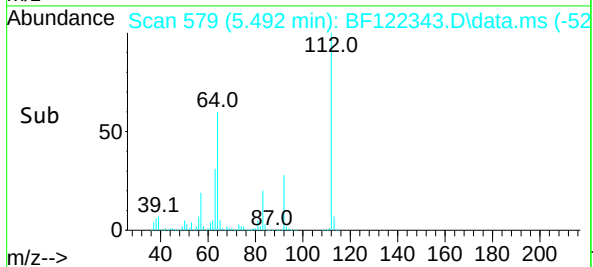
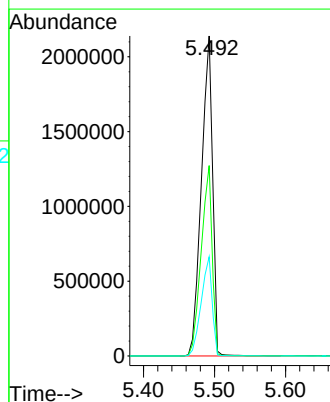
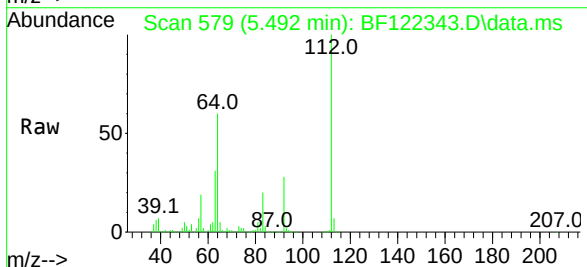
Instrument :
BNA_F
ClientSampleId :
PB133049BL

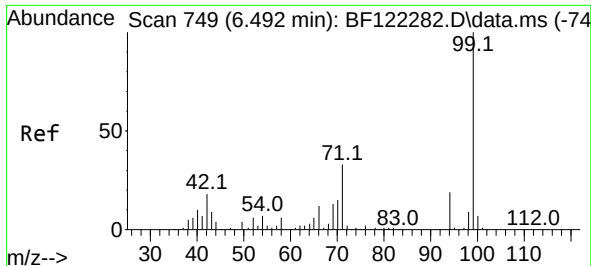
Tgt Ion:152 Resp: 312013
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 61.7 51.9 77.9



#5
2-Fluorophenol
Concen: 115.92 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF122343.D
Acq: 17 Nov 2020 13:35

Tgt Ion:112 Resp: 2355461
Ion Ratio Lower Upper
112 100
64 59.5 50.4 75.6
63 31.0 25.8 38.6

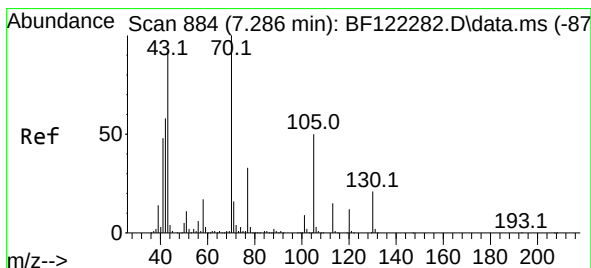
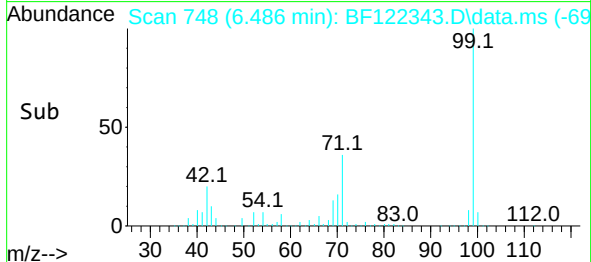
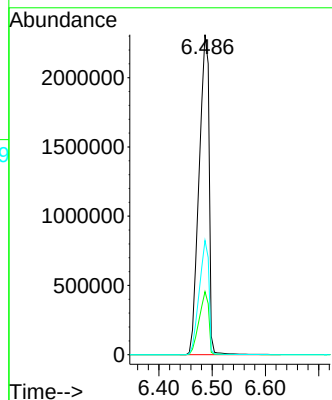
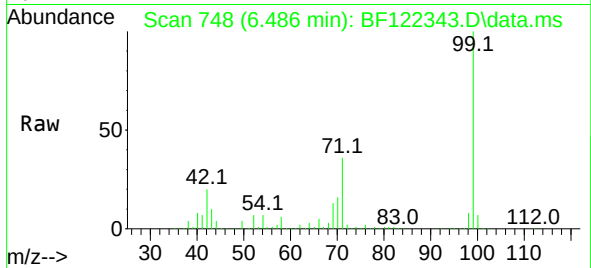




#7
Phenol-d6
Concen: 113.57 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122343.D
Acq: 17 Nov 2020 13:35

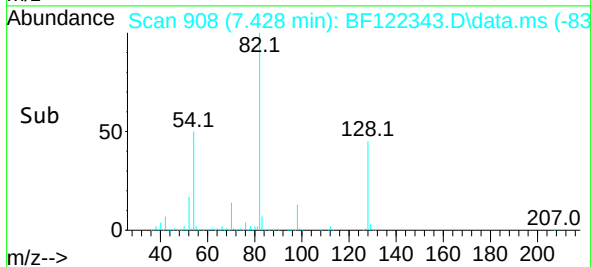
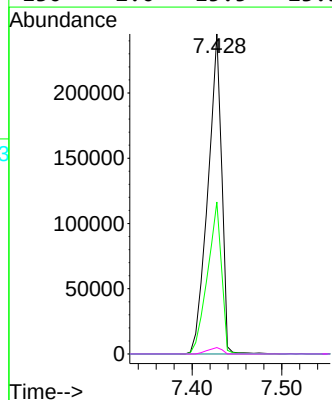
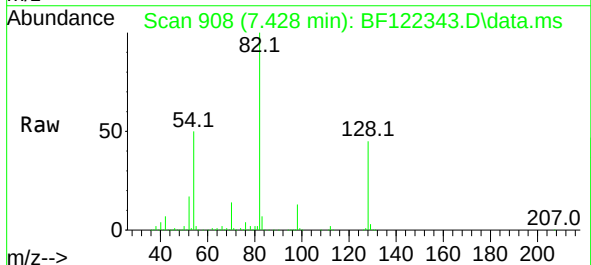
Instrument :
BNA_F
ClientSampleId :
PB133049BL

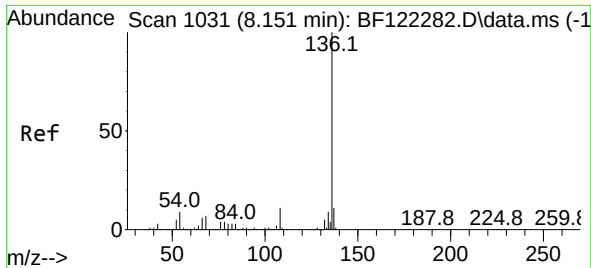
Tgt Ion: 99 Resp: 3019074
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.48 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122343.D
Acq: 17 Nov 2020 13:35

Tgt Ion: 70 Resp: 261863
Ion Ratio Lower Upper
70 100
42 47.5 50.2 75.4#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



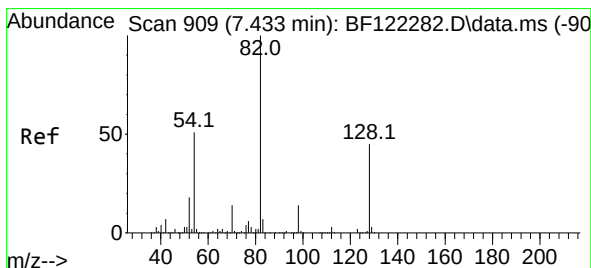
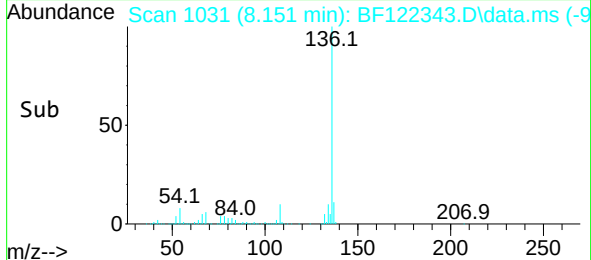
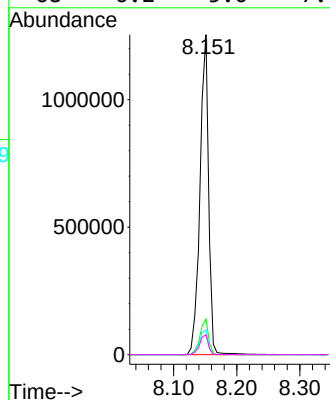
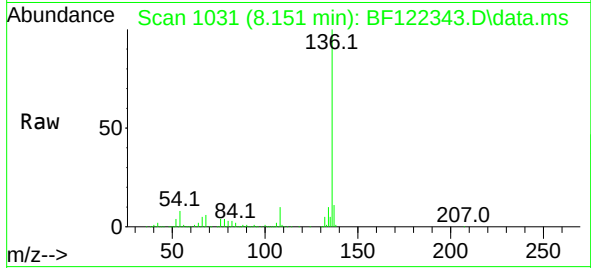


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122343.D
Acq: 17 Nov 2020 13:35

Instrument :
BNA_F
ClientSampleId :
PB133049BL

Tgt Ion:136 Resp: 1188862

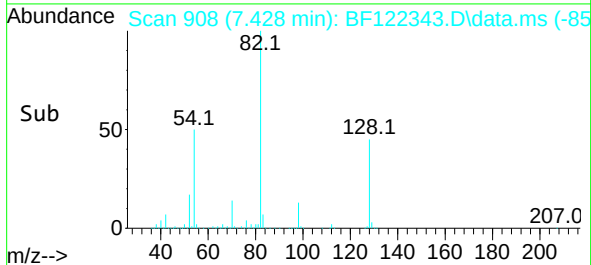
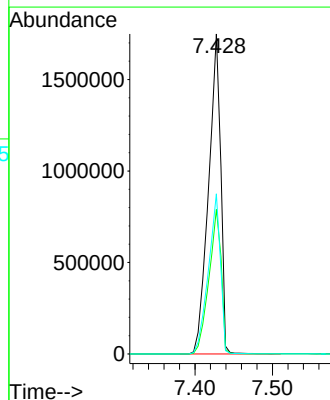
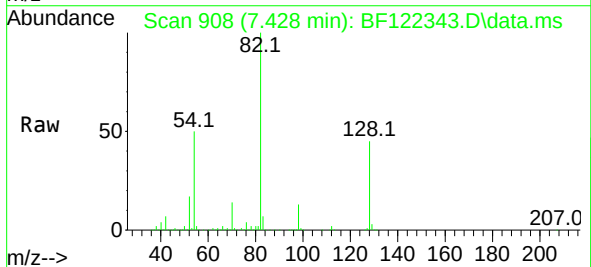
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.8	7.1	10.7
68	6.2	5.0	7.4

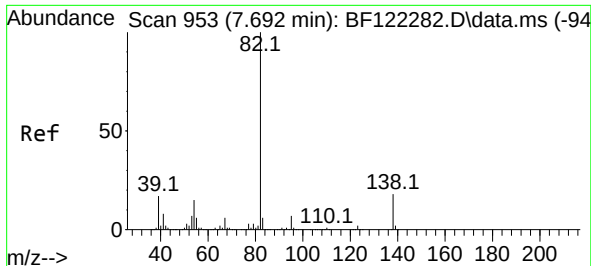


#23
Nitrobenzene-d5
Concen: 98.34 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122343.D
Acq: 17 Nov 2020 13:35

Tgt Ion: 82 Resp: 1909819

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.0	52.4
54	50.1	43.9	65.9

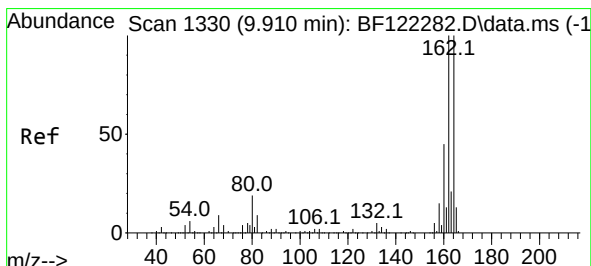
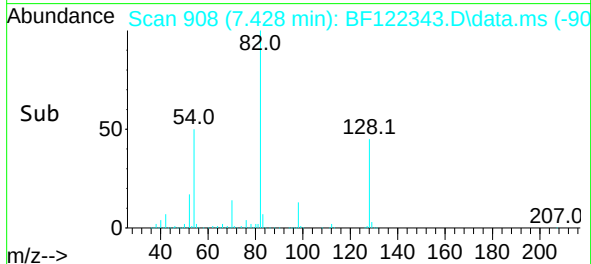
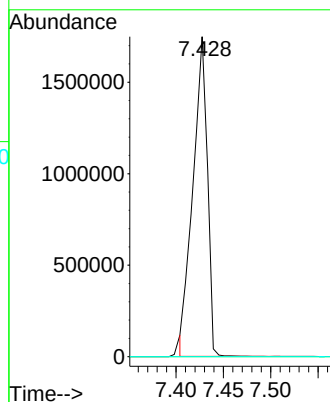
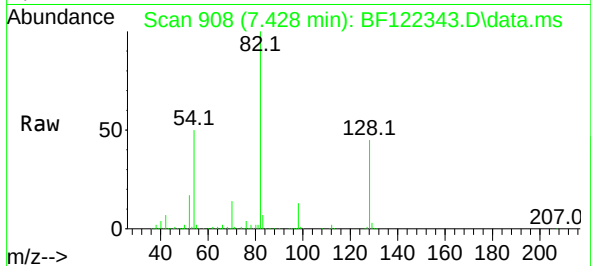




#25
Isophorone
Concen: 42.84 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122343.D
Acq: 17 Nov 2020 13:35

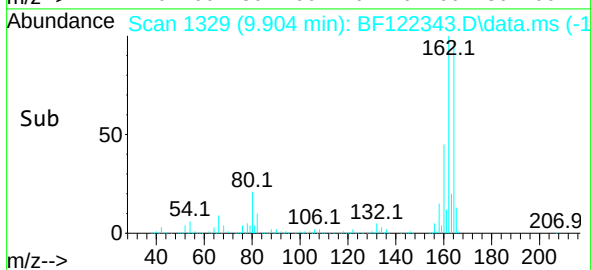
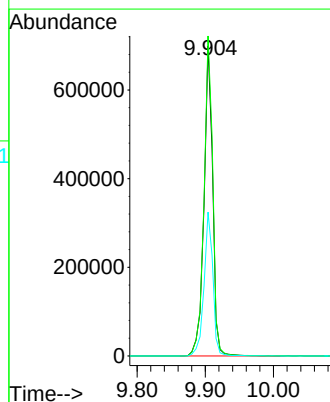
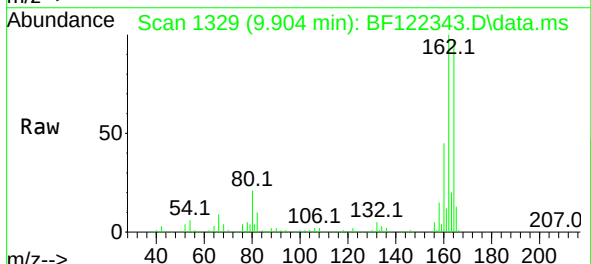
Instrument :
BNA_F
ClientSampleId :
PB133049BL

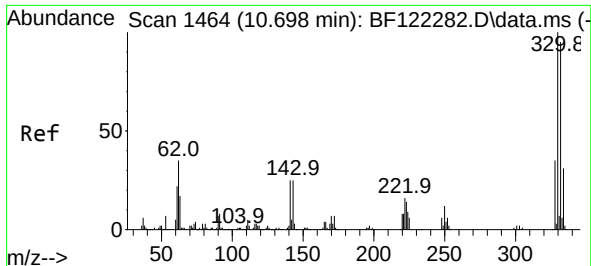
Tgt Ion: 82 Resp: 1854681
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122343.D
Acq: 17 Nov 2020 13:35

Tgt Ion:164 Resp: 623410
Ion Ratio Lower Upper
164 100
162 103.2 83.2 124.8
160 46.4 37.5 56.3

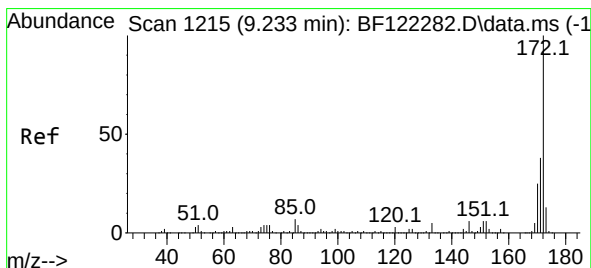
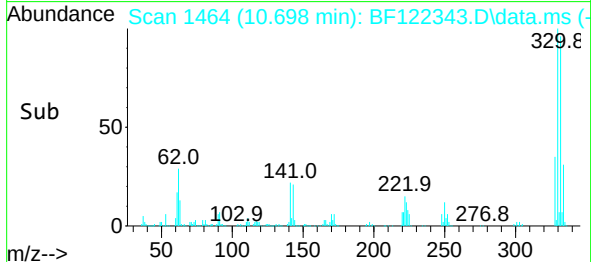
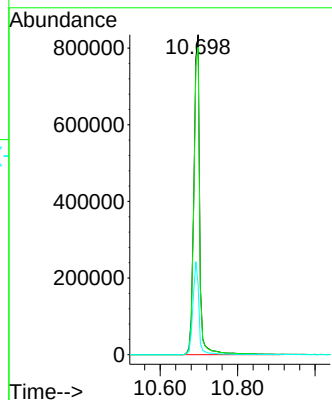
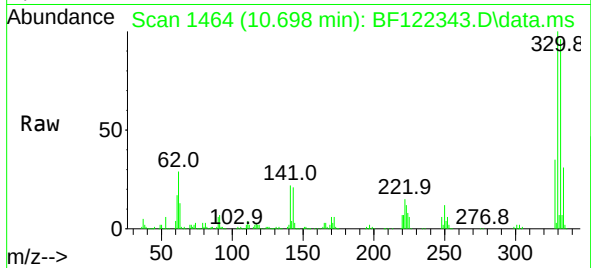




#42
 2,4,6-Tribromophenol
 Concen: 131.69 ng
 RT: 10.698 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: BF122343.D
 Acq: 17 Nov 2020 13:35

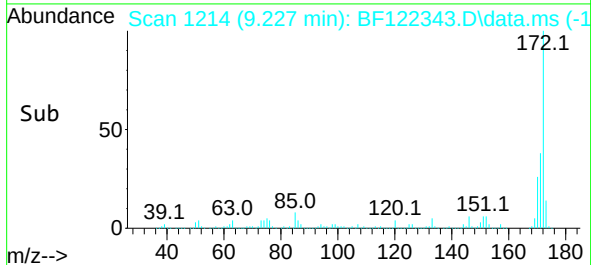
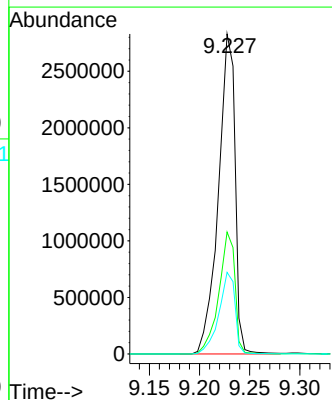
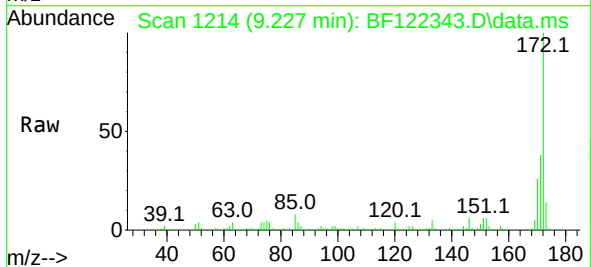
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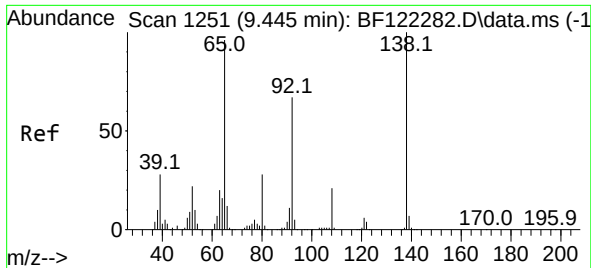
Tgt Ion: 330 Resp: 881113
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 29.7 22.3 33.5



#45
 2-Fluorobiphenyl
 Concen: 82.18 ng
 RT: 9.227 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: BF122343.D
 Acq: 17 Nov 2020 13:35

Tgt Ion: 172 Resp: 3278952
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.1 43.7
 170 25.5 19.8 29.6

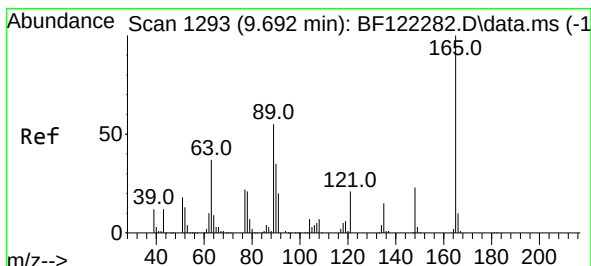
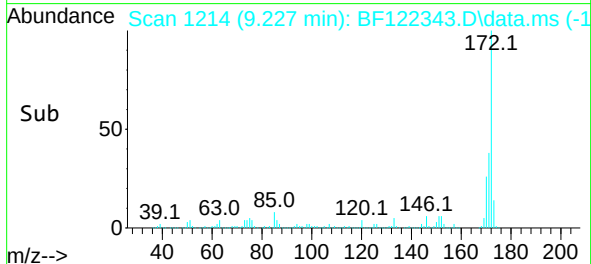
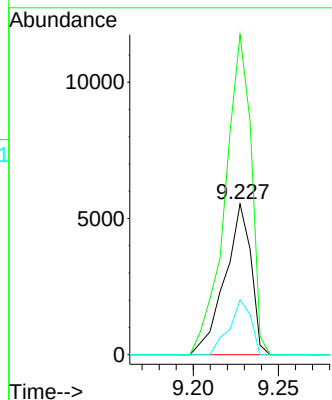
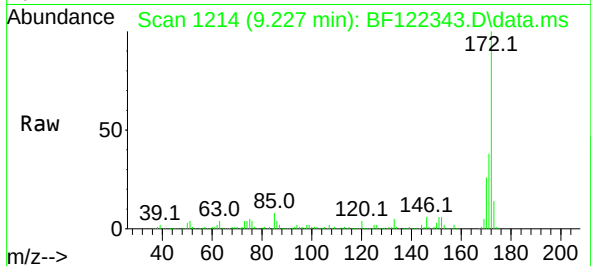




#48
2-Nitroaniline
Concen: 5.62 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.218 min
Lab File: BF122343.D
Acq: 17 Nov 2020 13:35

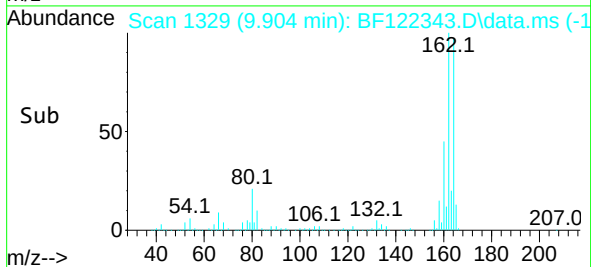
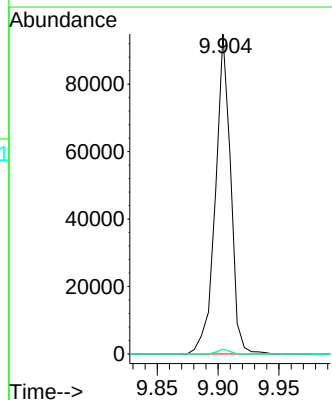
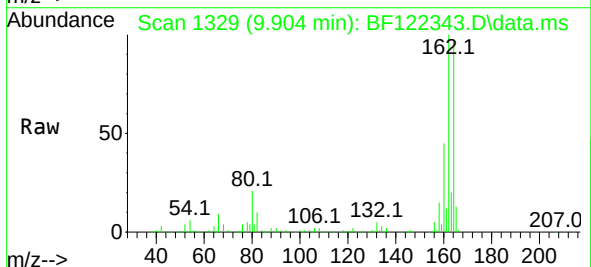
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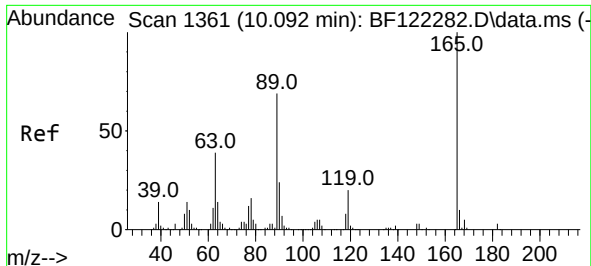
Tgt Ion: 65 Resp: 5904
Ion Ratio Lower Upper
65 100
92 212.6 55.1 82.7#
138 36.3 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 11.54 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF122343.D
Acq: 17 Nov 2020 13:35

Tgt Ion:165 Resp: 82724
Ion Ratio Lower Upper
165 100
63 1.5 51.8 77.6#
89 1.5 49.0 73.6#

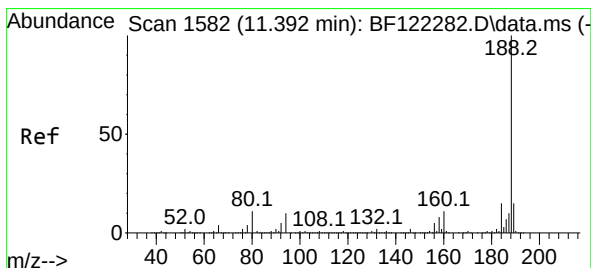
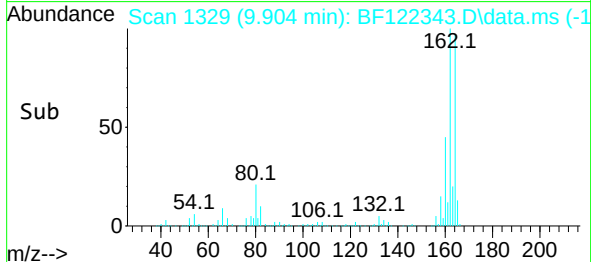
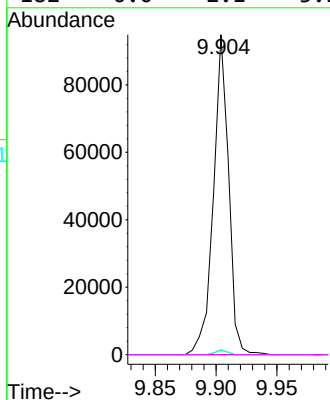
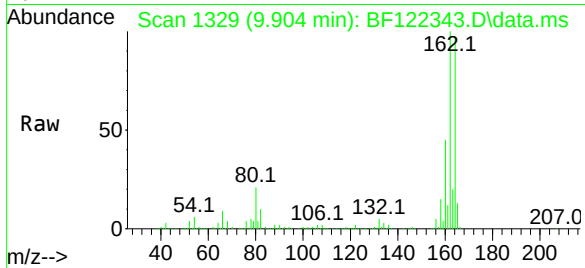




#57
2,4-Dinitrotoluene
Concen: 10.72 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122343.D
Acq: 17 Nov 2020 13:35

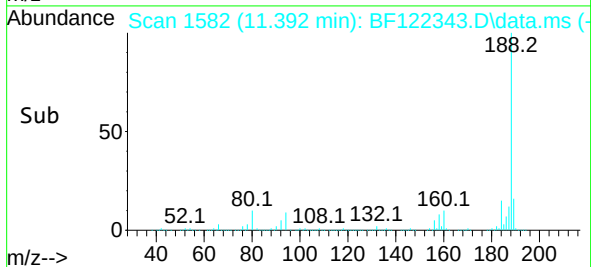
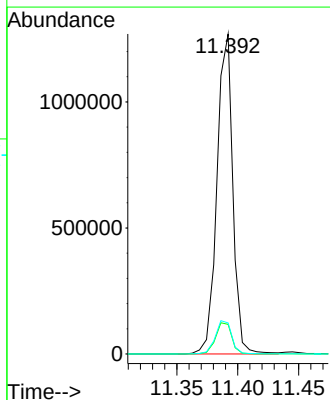
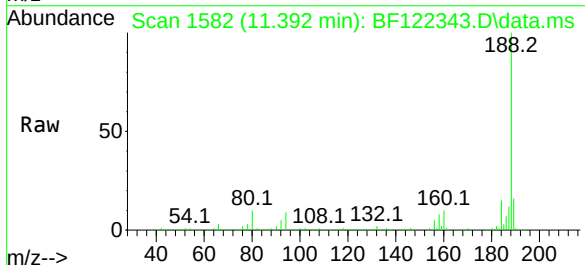
Instrument :
BNA_F
ClientSampleId :
PB133049BL

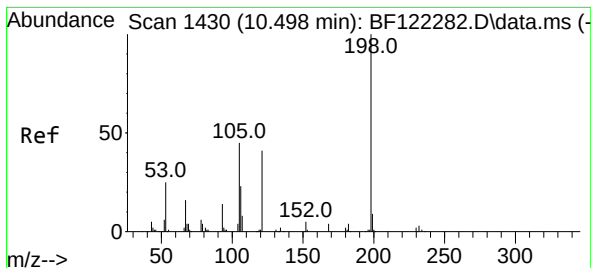
Tgt Ion:165	Resp:	82724
Ion Ratio	Lower	Upper
165	100	
63	1.5	41.3 61.9#
89	1.5	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF122343.D
Acq: 17 Nov 2020 13:35

Tgt Ion:188	Resp:	1152179
Ion Ratio	Lower	Upper
188	100	
94	9.2	8.3 12.5
80	9.7	9.1 13.7

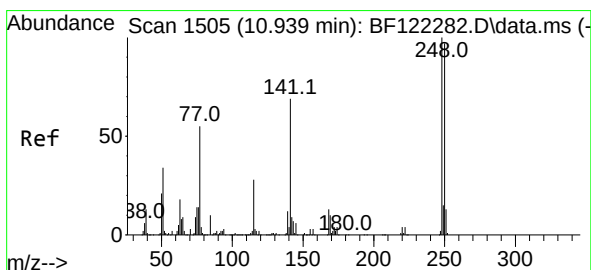
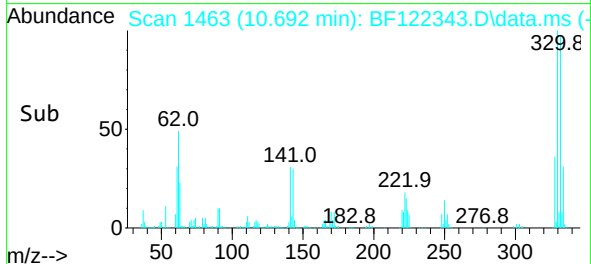
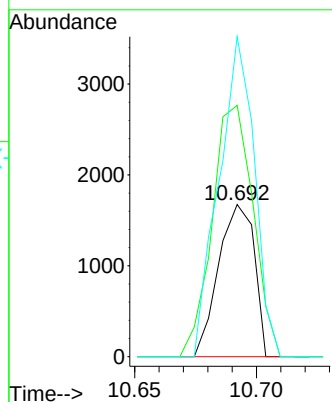
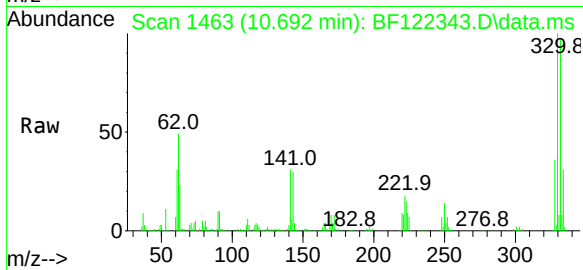




#65
4,6-Dinitro-2-methylphenol
Concen: 6.58 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122343.D
Acq: 17 Nov 2020 13:35

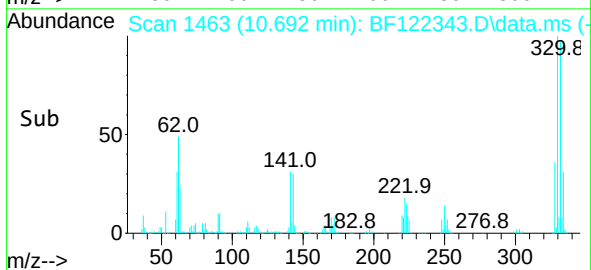
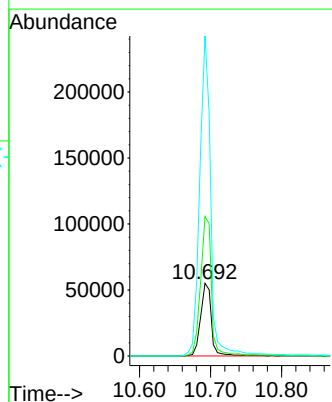
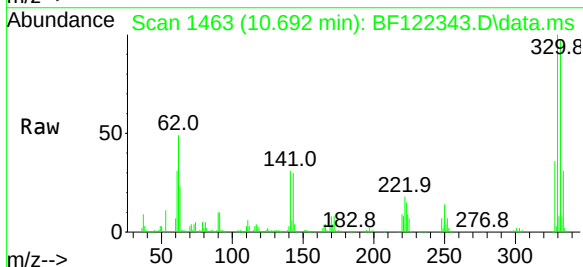
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BNA_F
ClientSampleId :
PB133049BL

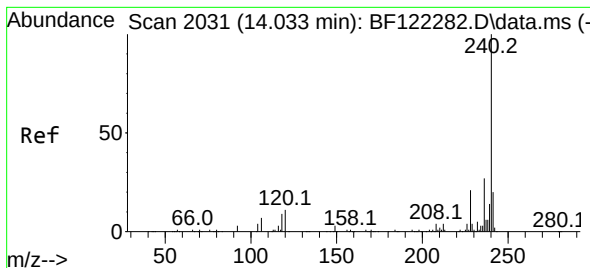
Tgt Ion:198 Resp: 1703
Ion Ratio Lower Upper
198 100
51 165.2 29.6 69.6#
105 210.4 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122343.D
Acq: 17 Nov 2020 13:35

Tgt Ion:248 Resp: 58313
Ion Ratio Lower Upper
248 100
250 191.9 77.0 115.6#
141 440.5 53.7 80.5#

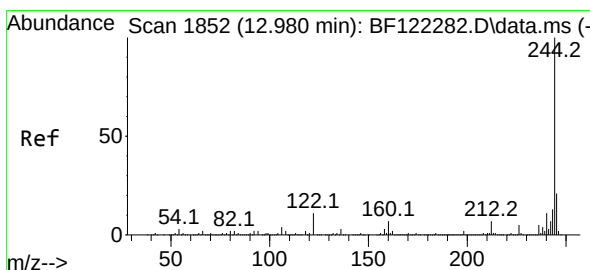
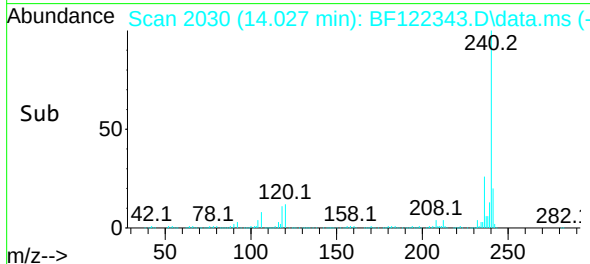
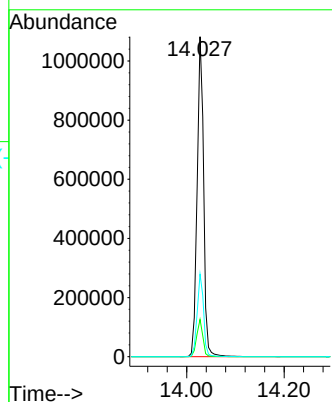
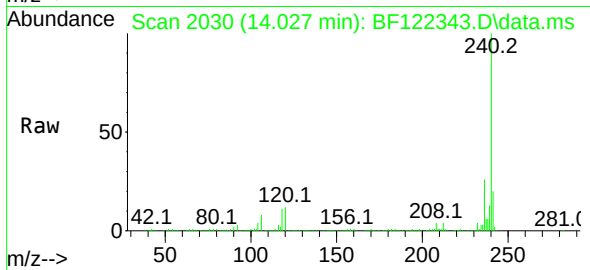




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122343.D
Acq: 17 Nov 2020 13:35

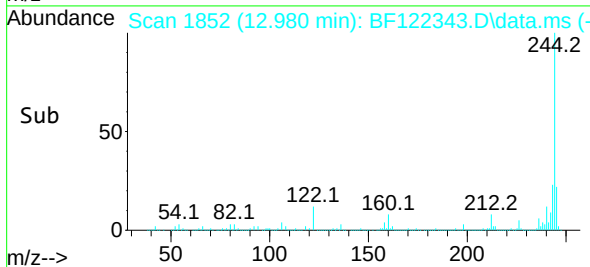
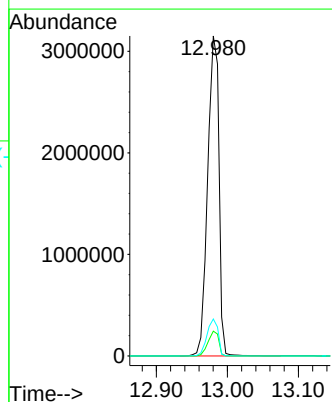
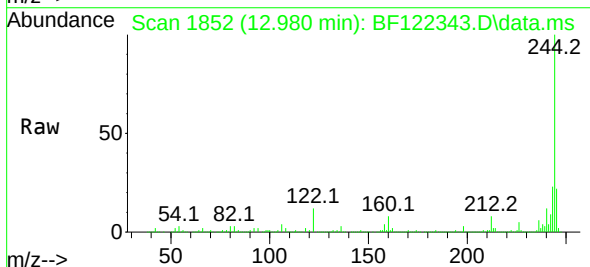
Instrument :
BNA_F
ClientSampleId :
PB133049BL

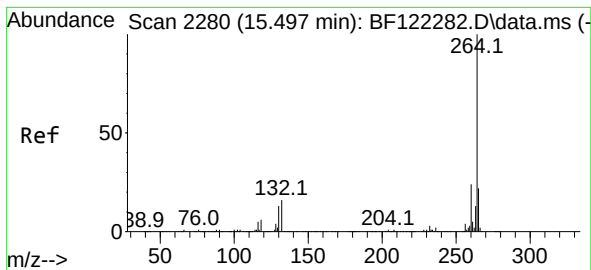
Tgt Ion:240 Resp: 1010709
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 73.25 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF122343.D
Acq: 17 Nov 2020 13:35

Tgt Ion:244 Resp: 3494892
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 11.6 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: BF122343.D
 Acq: 17 Nov 2020 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB133049BL

Tgt Ion:264 Resp: 902078
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.8 17.3 25.9

