

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110920\
 Data File : BF122287.D
 Acq On : 9 Nov 2020 16:29
 Operator : JU/CG
 Sample : PB132870BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132870BL

Quant Time: Nov 10 12:30:27 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)

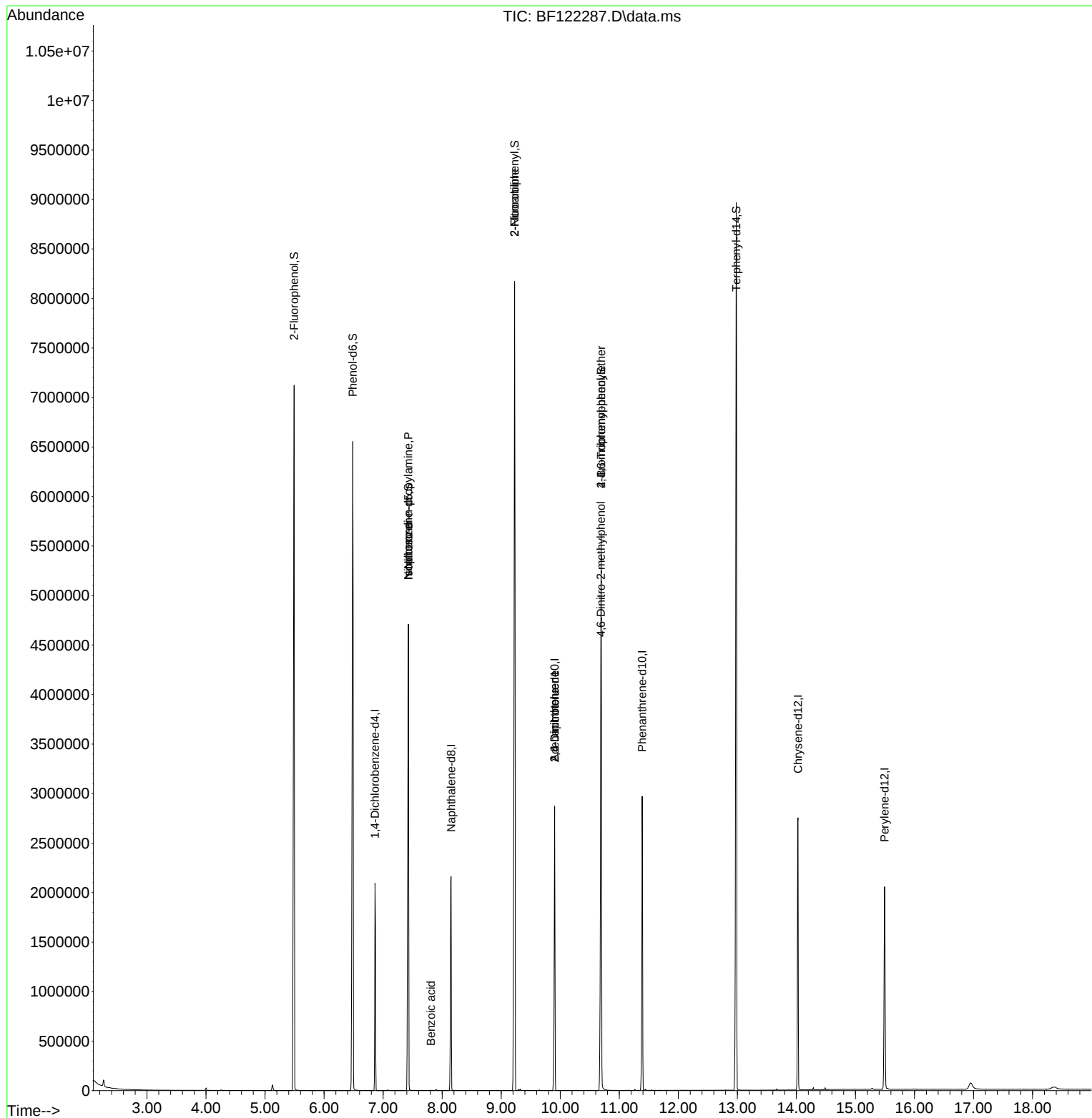
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	288433	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1098322	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	583581	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1066355	20.00	ng	0.00
76) Chrysene-d12	14.027	240	977748	20.00	ng	0.00
86) Perylene-d12	15.492	264	988047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	2238063	119.15	ng	0.02
7) Phenol-d6	6.486	99	2877145	117.08	ng	0.00
23) Nitrobenzene-d5	7.428	82	1764620	98.36	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	786991	125.65	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	3088224	82.68	ng	0.00
79) Terphenyl-d14	12.980	244	3369188	73.00	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.486	77	4556	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	241606	16.45	ng	# 77
25) Isophorone	7.428	82	1715312	42.89	ng	# 67
32) Benzoic acid	7.810	122	111	7.97	ng	# 85
48) 2-Nitroaniline	9.227	65	5459	5.61	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	75229	11.32	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	75229	10.55	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	1945	6.68	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	50582	4.04	ng	# 1

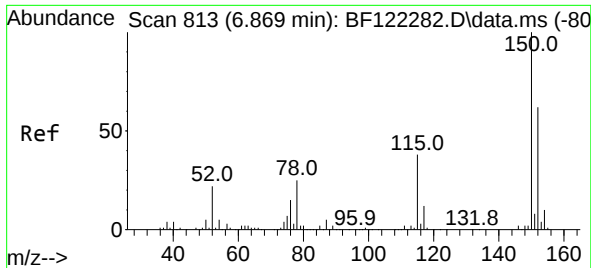
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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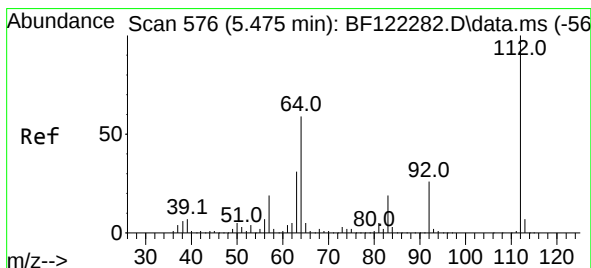
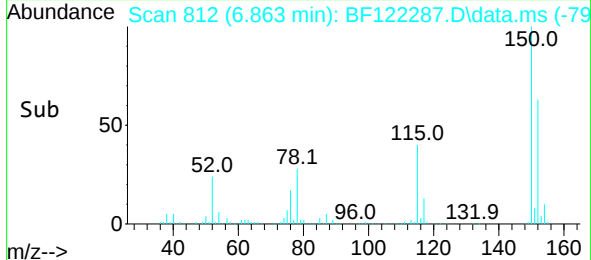
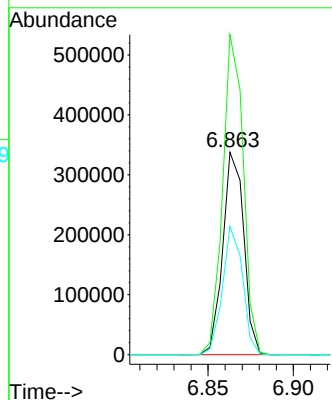
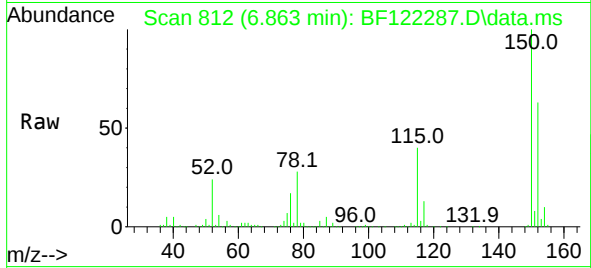




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122287.D
Acq: 9 Nov 2020 16:29

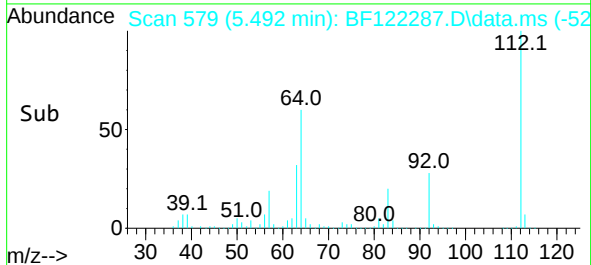
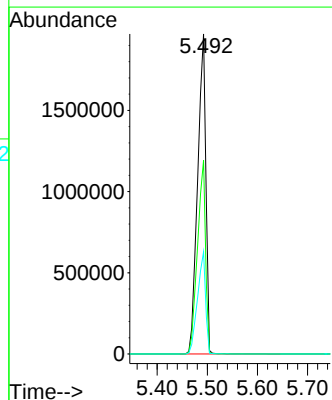
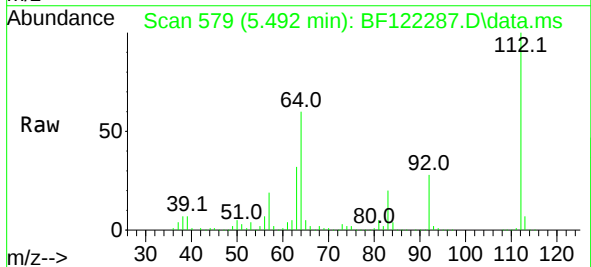
Instrument :
BNA_F
ClientSampleId :
PB132870BL

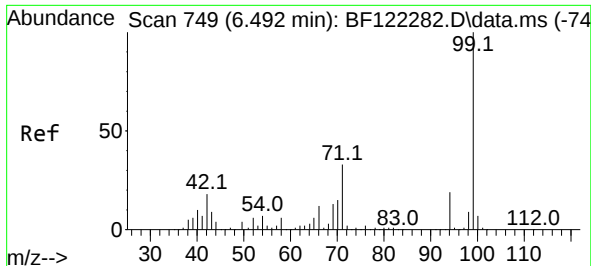
Tgt Ion:152 Resp: 288433
Ion Ratio Lower Upper
152 100
150 158.2 125.3 187.9
115 63.3 51.9 77.9



#5
2-Fluorophenol
Concen: 119.15 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF122287.D
Acq: 9 Nov 2020 16:29

Tgt Ion:112 Resp: 2238063
Ion Ratio Lower Upper
112 100
64 60.5 50.4 75.6
63 31.9 25.8 38.6

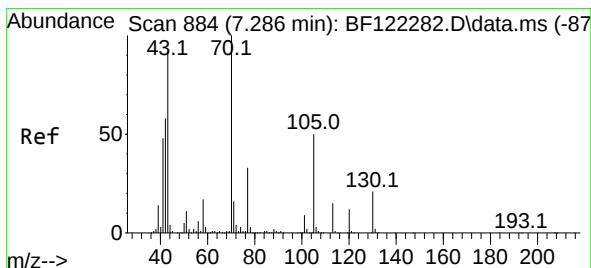
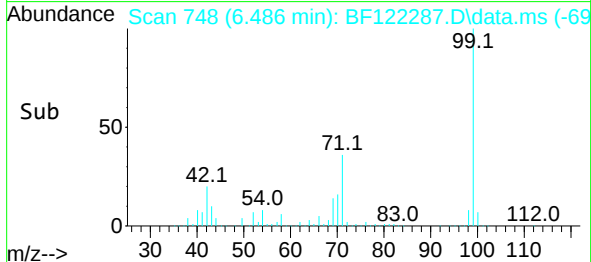
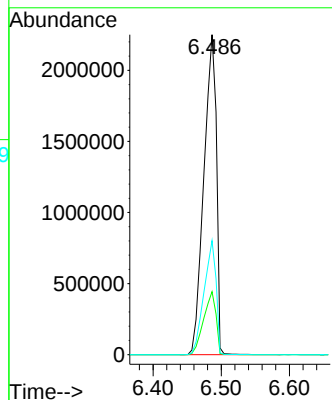
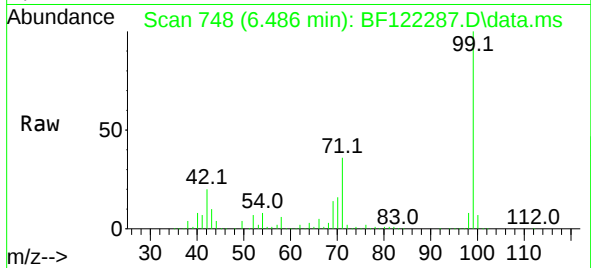




#7
Phenol-d6
Concen: 117.08 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122287.D
Acq: 9 Nov 2020 16:29

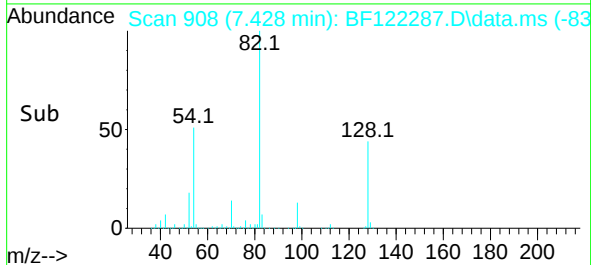
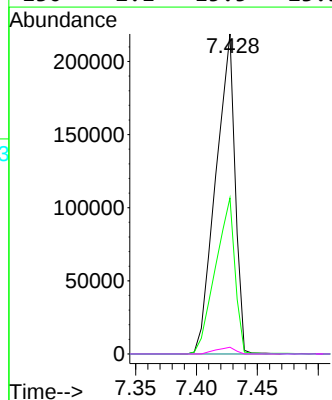
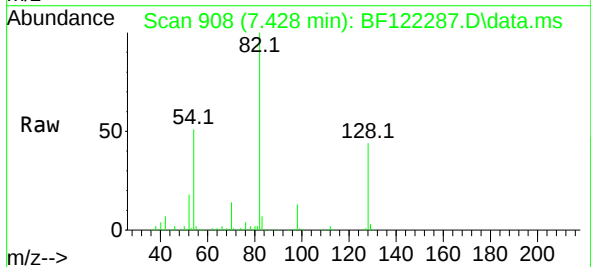
Instrument :
BNA_F
ClientSampleId :
PB132870BL

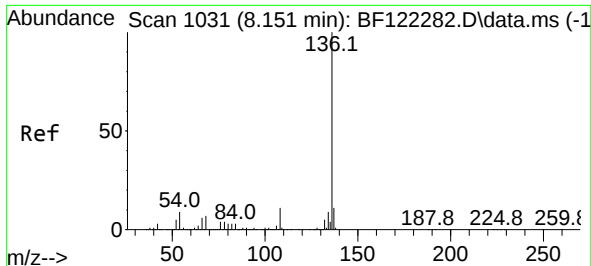
Tgt Ion: 99 Resp: 2877145
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.45 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122287.D
Acq: 9 Nov 2020 16:29

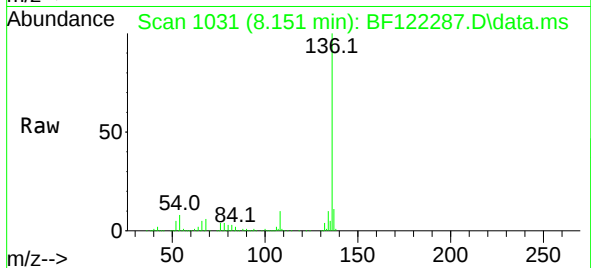
Tgt Ion: 70 Resp: 241606
Ion Ratio Lower Upper
70 100
42 48.7 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#





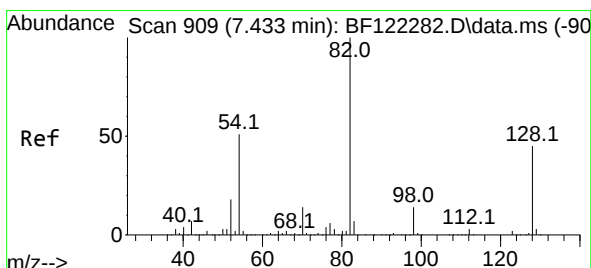
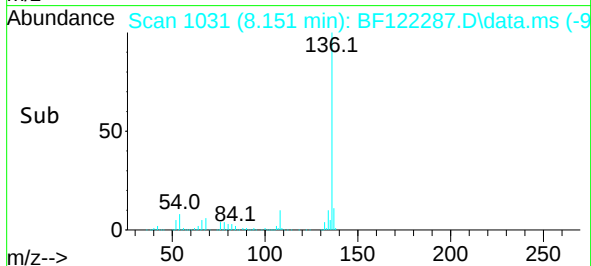
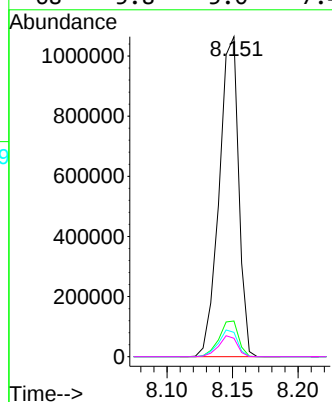
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122287.D
Acq: 9 Nov 2020 16:29

Instrument :
BNA_F
ClientSampleId :
PB132870BL



Tgt Ion:136 Resp: 1098322

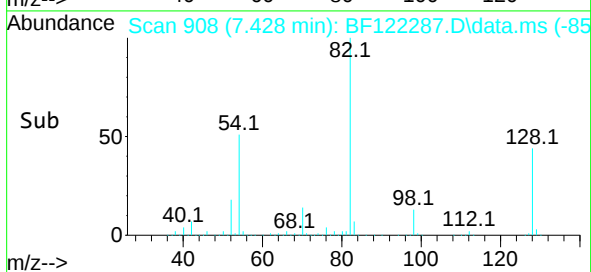
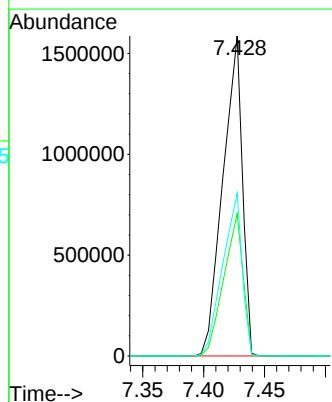
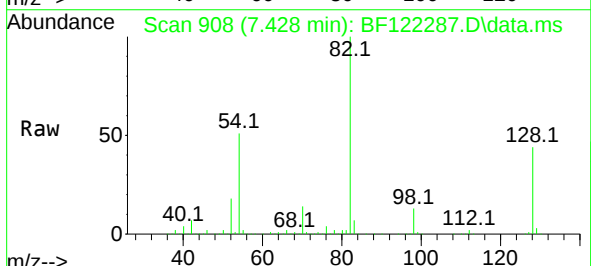
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.6	7.1	10.7
68	5.8	5.0	7.4

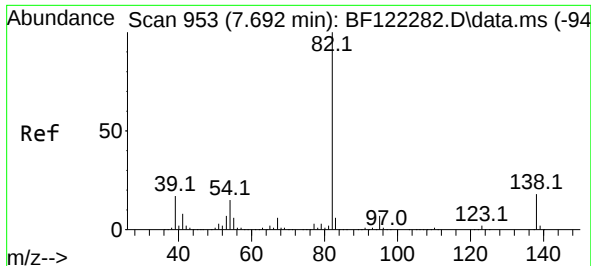


#23
Nitrobenzene-d5
Concen: 98.36 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122287.D
Acq: 9 Nov 2020 16:29

Tgt Ion: 82 Resp: 1764620

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.0	52.4
54	50.8	43.9	65.9

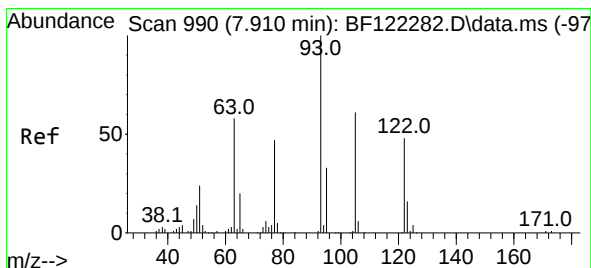
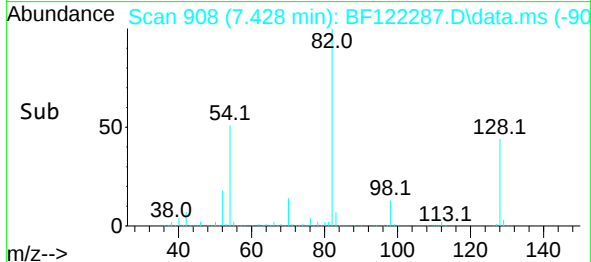
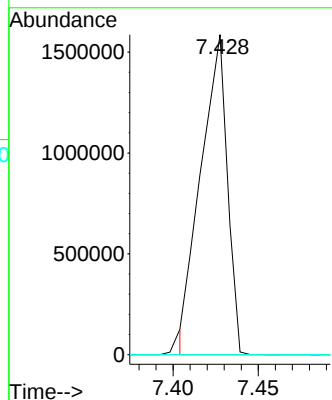
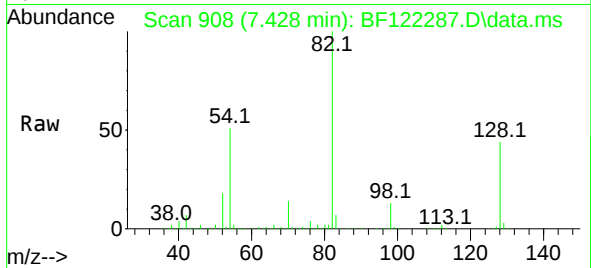




#25
Isophorone
Concen: 42.89 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122287.D
Acq: 9 Nov 2020 16:29

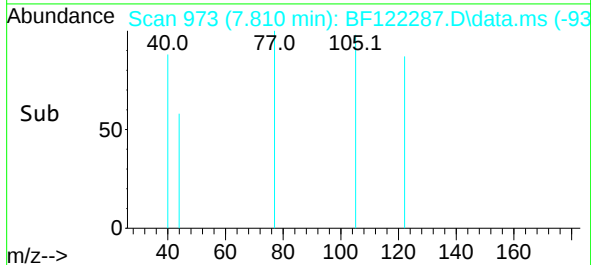
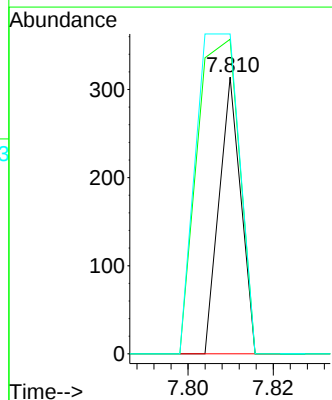
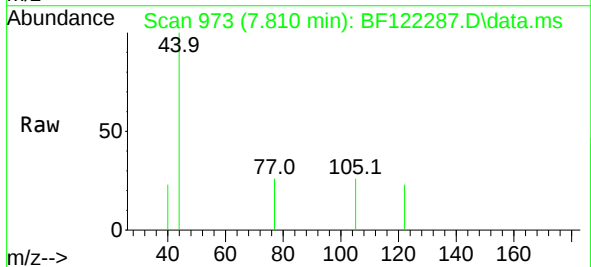
Instrument :
BNA_F
ClientSampleId :
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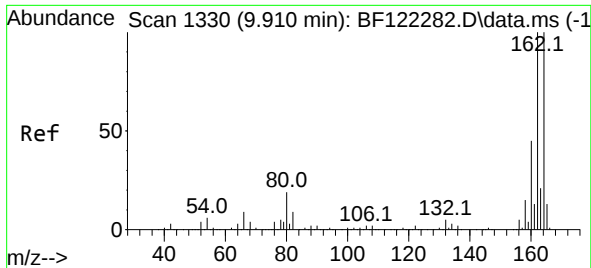
Tgt Ion: 82 Resp: 1715312
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.97 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.100 min
Lab File: BF122287.D
Acq: 9 Nov 2020 16:29

Tgt Ion: 122 Resp: 111
Ion Ratio Lower Upper
122 100
105 113.7 103.3 143.3
77 115.6 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: BF122287.D

Acq: 9 Nov 2020 16:29

Tgt Ion:164 Resp: 583581

Ion Ratio Lower Upper

164 100

162 101.4 83.2 124.8

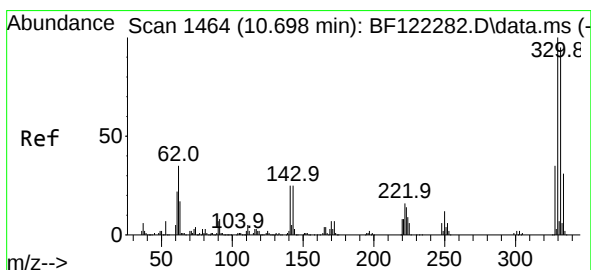
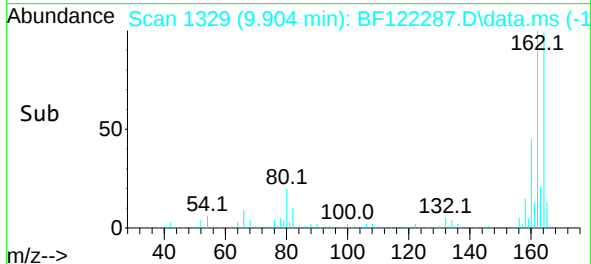
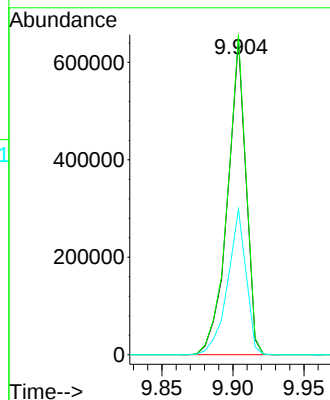
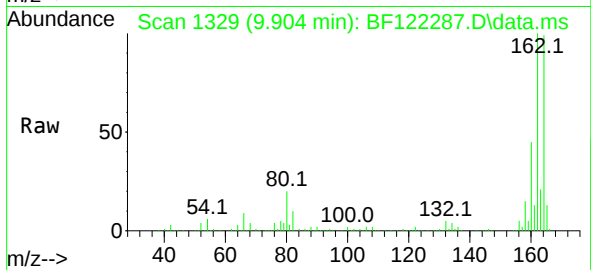
160 46.1 37.5 56.3

Instrument :

BNA_F

ClientSampleId :

PB132870BL



#42

2,4,6-Tribromophenol

Concen: 125.65 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF122287.D

Acq: 9 Nov 2020 16:29

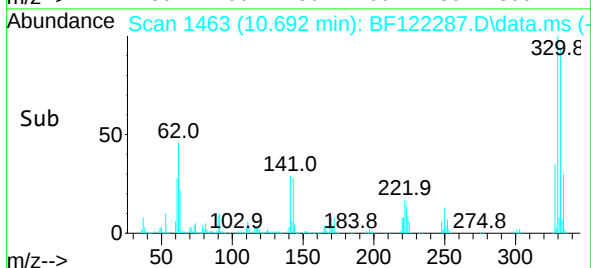
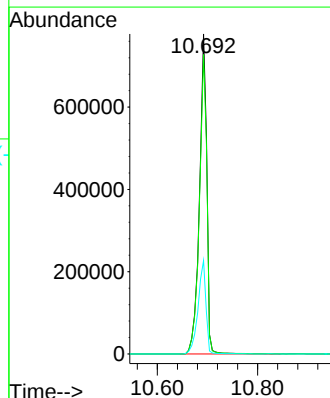
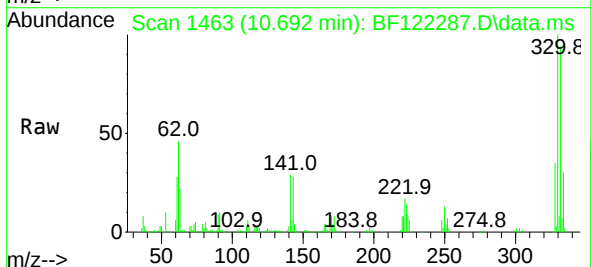
Tgt Ion:330 Resp: 786991

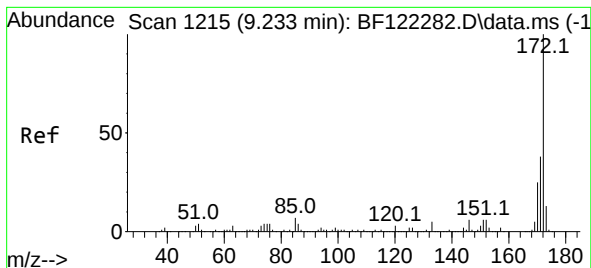
Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

141 31.5 22.3 33.5

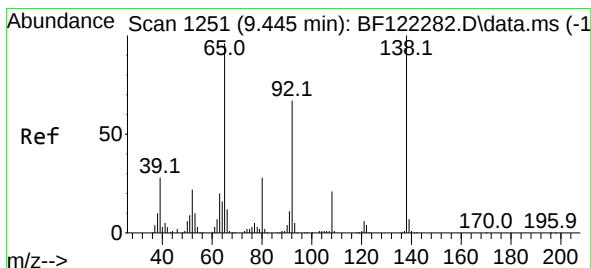
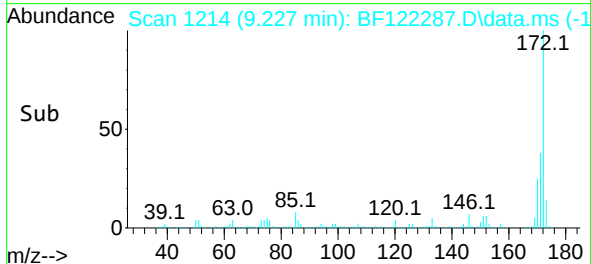
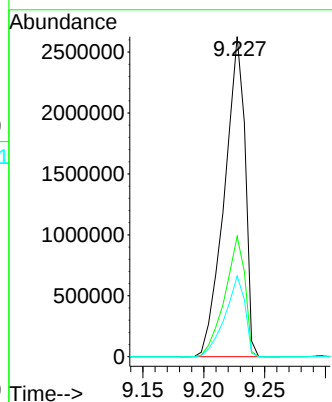
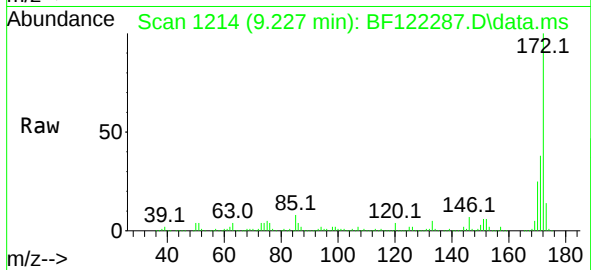




#45
2-Fluorobiphenyl
Concen: 82.68 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122287.D
Acq: 9 Nov 2020 16:29

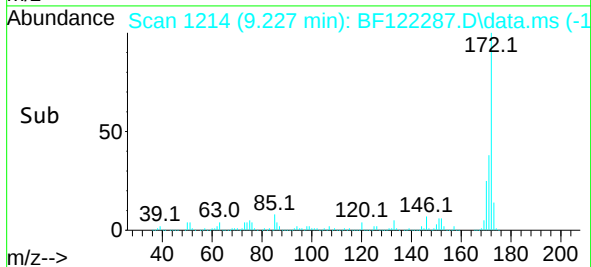
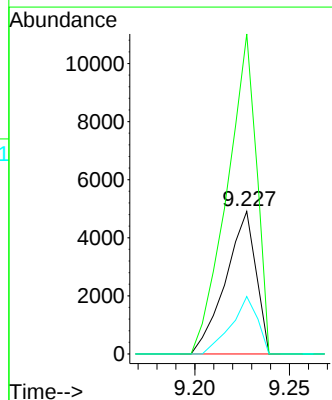
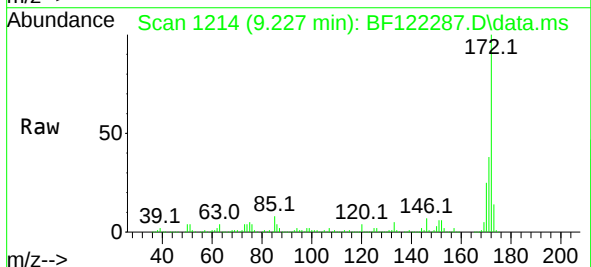
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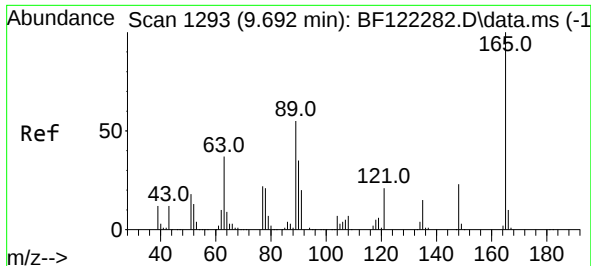
Tgt Ion:172 Resp: 3088224
Ion Ratio Lower Upper
172 100
171 37.6 29.1 43.7
170 25.3 19.8 29.6



#48
2-Nitroaniline
Concen: 5.61 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.218 min
Lab File: BF122287.D
Acq: 9 Nov 2020 16:29

Tgt Ion: 65 Resp: 5459
Ion Ratio Lower Upper
65 100
92 224.4 55.1 82.7#
138 40.2 80.5 120.7#

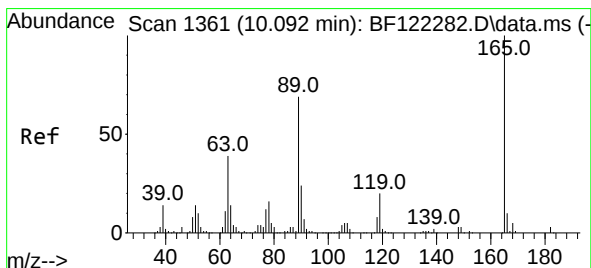
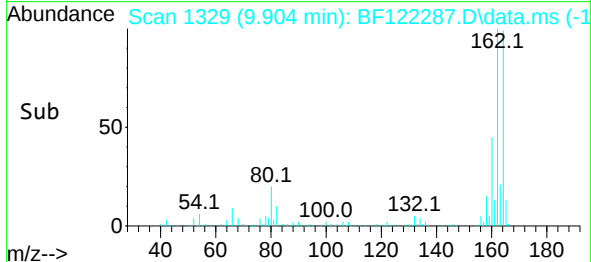
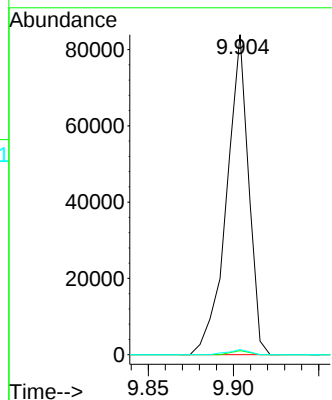
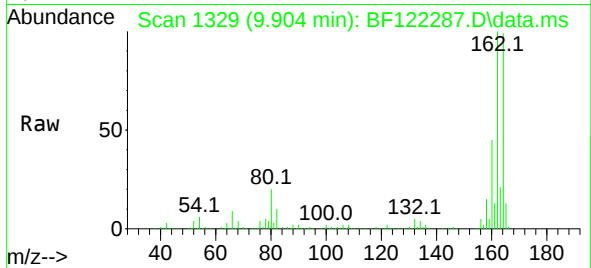




#51
2,6-Dinitrotoluene
Concen: 11.32 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF122287.D
Acq: 9 Nov 2020 16:29

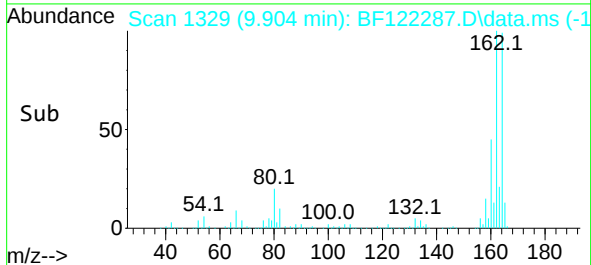
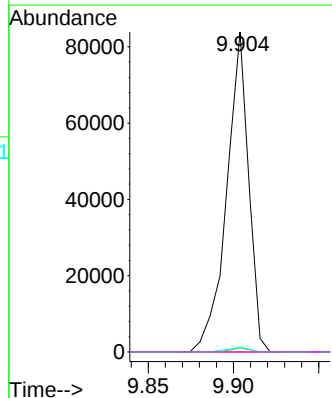
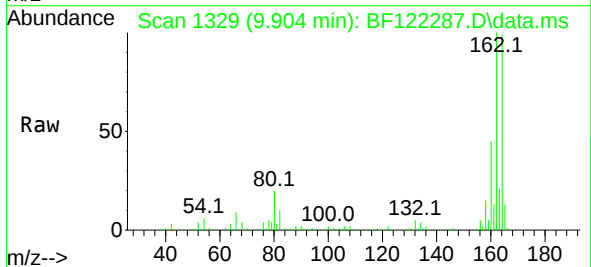
Instrument :
BNA_F
ClientSampleId :
PB132870BL

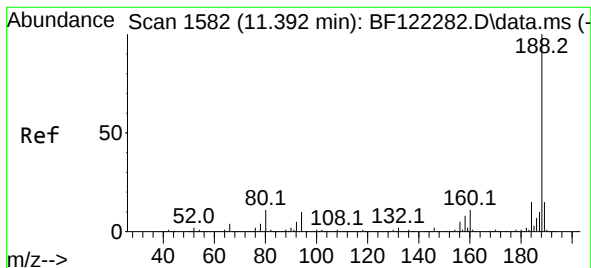
Tgt Ion:165 Resp: 75229
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.6#
89 1.6 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.55 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122287.D
Acq: 9 Nov 2020 16:29

Tgt Ion:165 Resp: 75229
Ion Ratio Lower Upper
165 100
63 1.3 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#

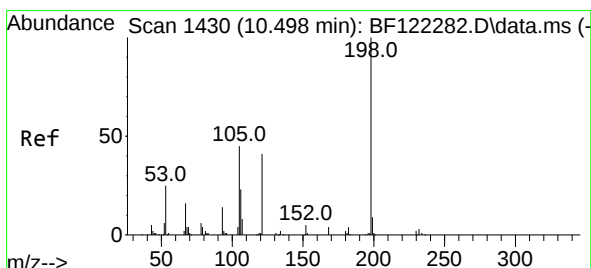
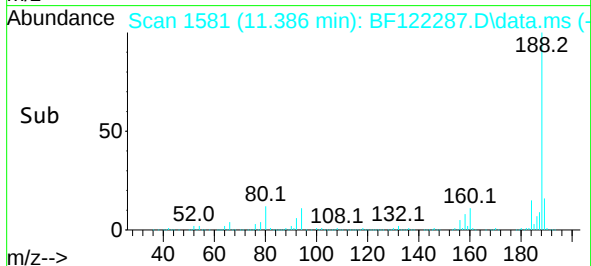
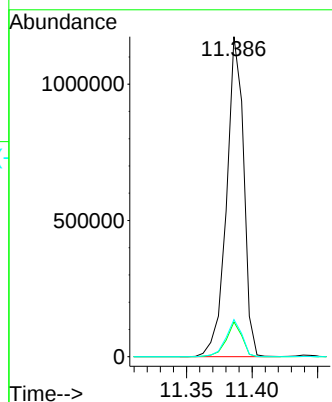
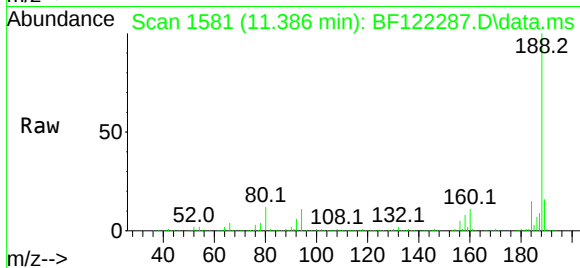




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122287.D
Acq: 9 Nov 2020 16:29

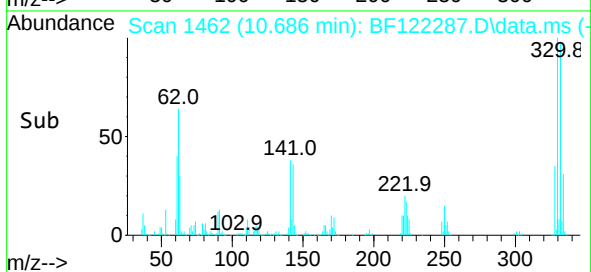
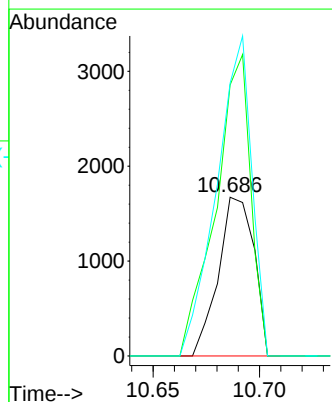
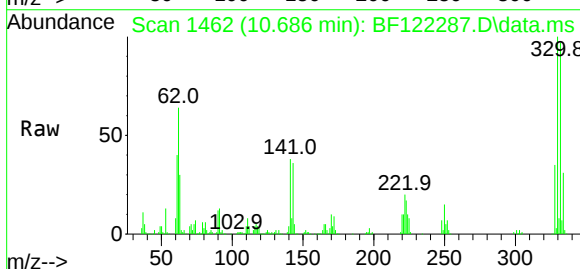
Instrument :
BNA_F
ClientSampleId :
PB132870BL

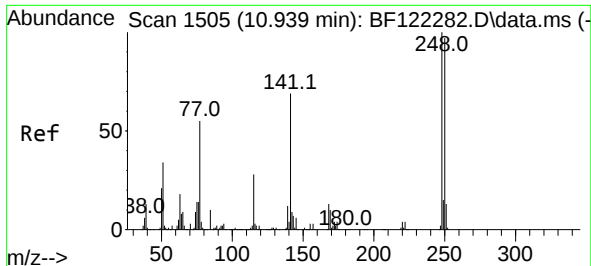
Tgt Ion:188 Resp: 1066355
Ion Ratio Lower Upper
188 100
94 10.8 8.3 12.5
80 11.6 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.68 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122287.D
Acq: 9 Nov 2020 16:29

Tgt Ion:198 Resp: 1945
Ion Ratio Lower Upper
198 100
51 170.8 29.6 69.6#
105 171.8 24.4 64.4#

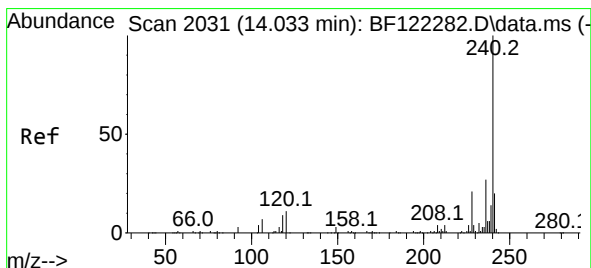
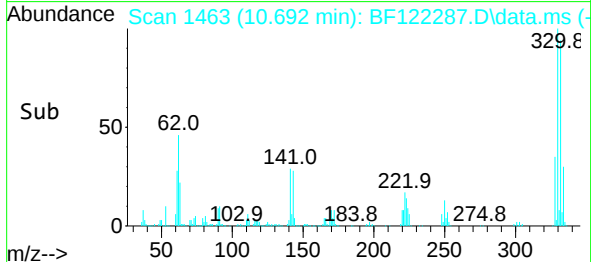
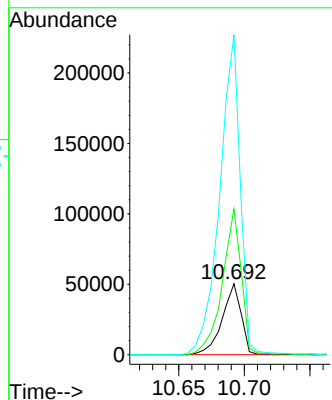
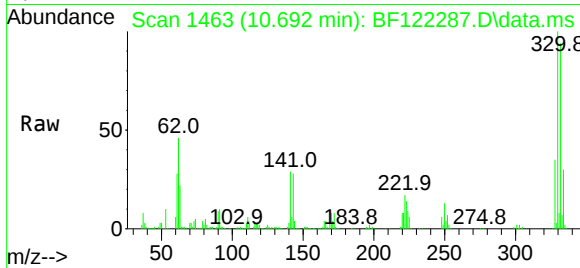




#67
4-Bromophenyl-phenylether
Concen: 4.04 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122287.D
Acq: 9 Nov 2020 16:29

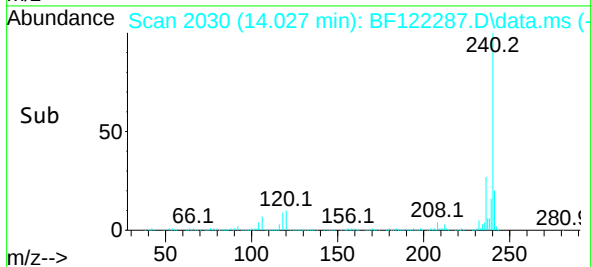
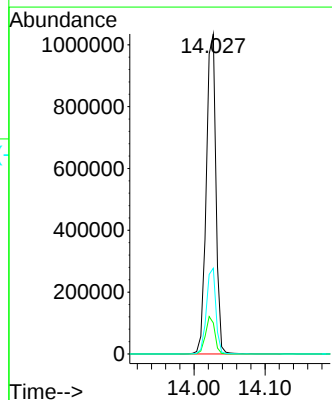
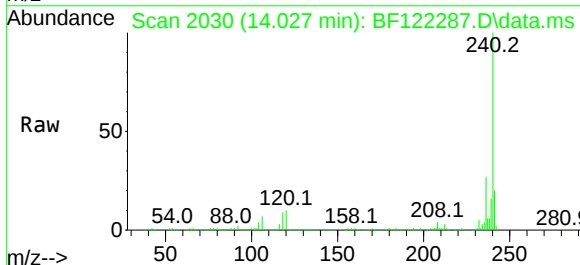
Instrument :
BNA_F
ClientSampleId :
PB132870BL

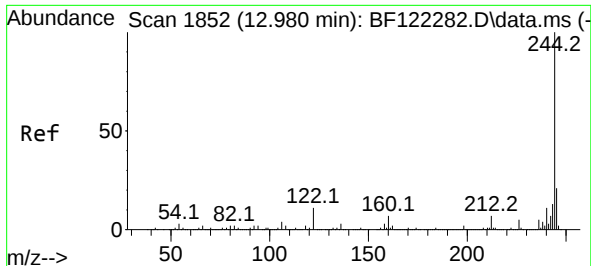
Tgt Ion:248 Resp: 50582
Ion Ratio Lower Upper
248 100
250 205.6 77.0 115.6#
141 451.4 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122287.D
Acq: 9 Nov 2020 16:29

Tgt Ion:240 Resp: 977748
Ion Ratio Lower Upper
240 100
120 9.7 9.2 13.8
236 26.8 20.9 31.3

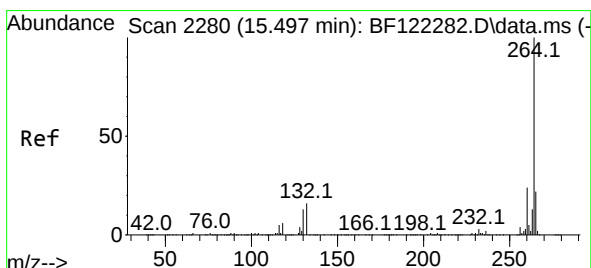
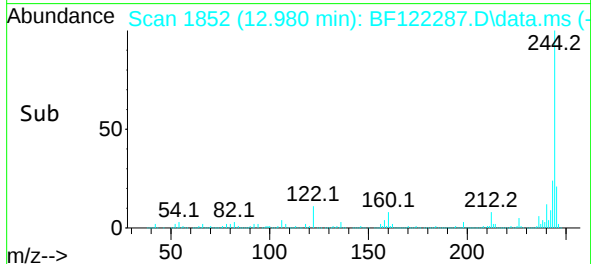
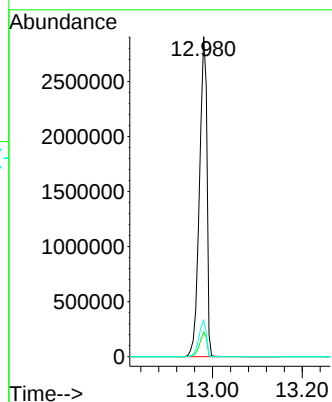
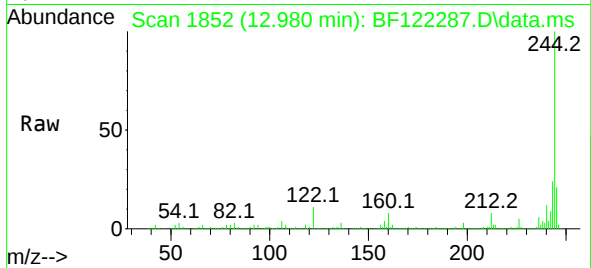




#79
 Terphenyl-d14
 Concen: 73.00 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF122287.D
 Acq: 9 Nov 2020 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB132870BL

Tgt Ion:244 Resp: 3369188
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 11.3 8.1 12.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF122287.D
 Acq: 9 Nov 2020 16:29

Tgt Ion:264 Resp: 988047
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 21.9 17.3 25.9

