

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
 Data File : BF127261.D
 Acq On : 08 Mar 2022 16:31
 Operator : CG\JU
 Sample : N1763-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-2-SAMPLE-LOCATION-1

Quant Time: Mar 09 01:19:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

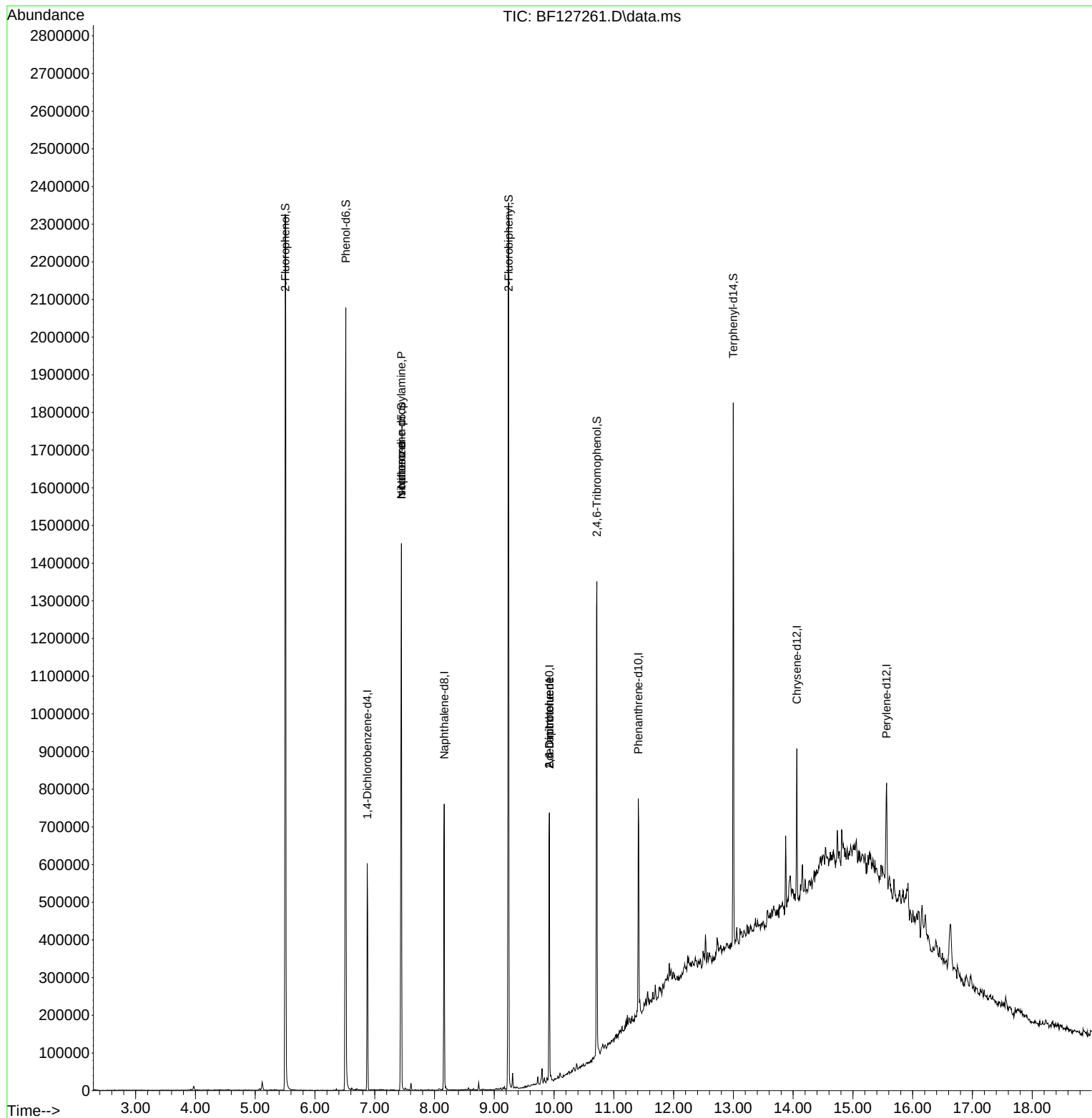
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	77654	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	310713	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	143280	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	201268	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	126754	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	102599	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	624748	124.346	ng	0.00
7) Phenol-d6	6.516	99	714423	105.379	ng	0.00
23) Nitrobenzene-d5	7.445	82	463030	67.264	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	156556	94.901	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	700856	72.011	ng	0.00
79) Terphenyl-d14	12.998	244	467593	54.229	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	62920	14.403	ng	# 80
25) Isophorone	7.445	82	462002	40.559	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	20171	9.681	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	20171	7.160	ng	# 15

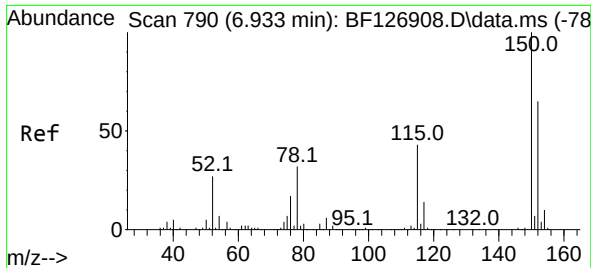
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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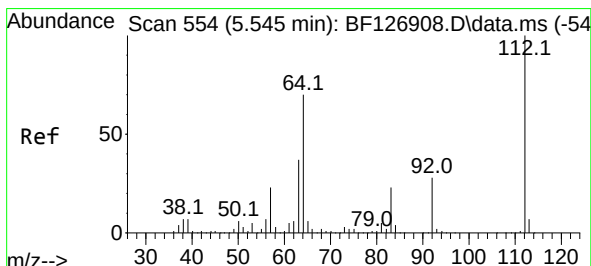
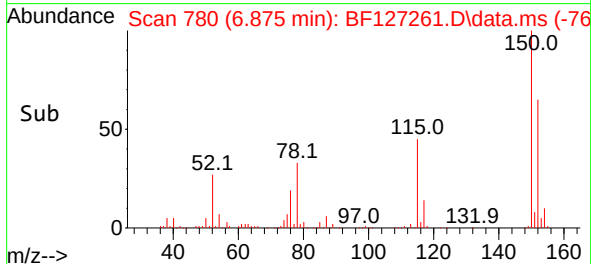
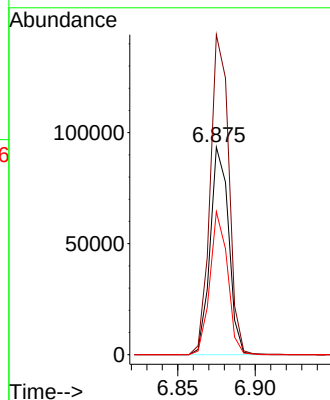
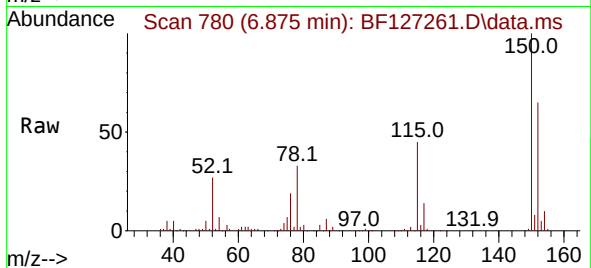




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127261.D
Acq: 08 Mar 2022 16:31

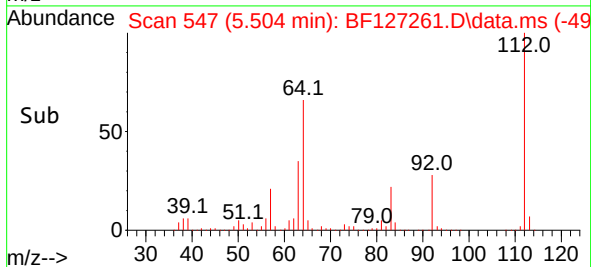
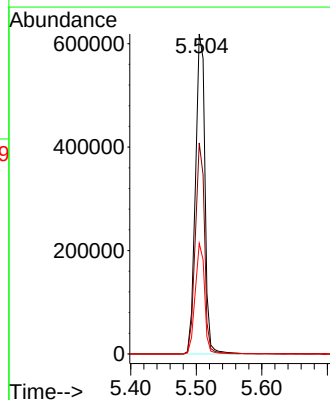
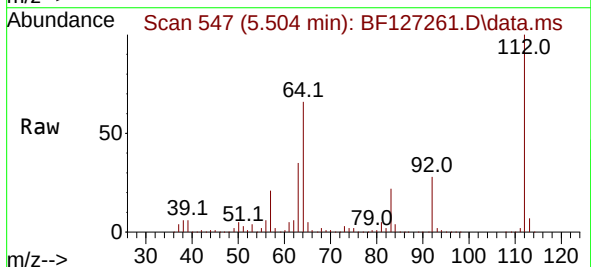
Instrument :
BNA_F
ClientSampleId :
1-2-SAMPLE-LOCATION-1

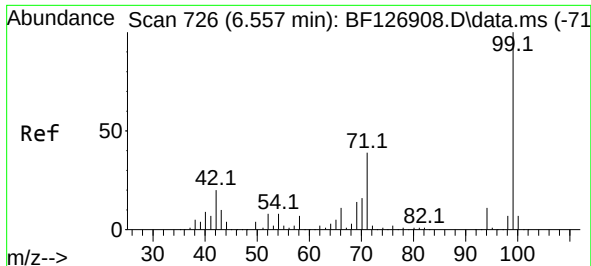
Tgt Ion:152 Resp: 77654
Ion Ratio Lower Upper
152 100
150 154.2 128.1 192.1
115 68.9 56.7 85.1



#5
2-Fluorophenol
Concen: 124.346 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127261.D
Acq: 08 Mar 2022 16:31

Tgt Ion:112 Resp: 624748
Ion Ratio Lower Upper
112 100
64 66.0 49.5 74.3
63 34.6 23.9 35.9

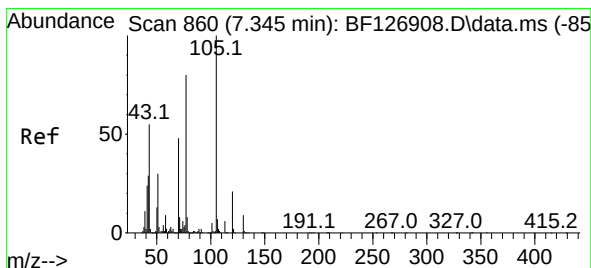
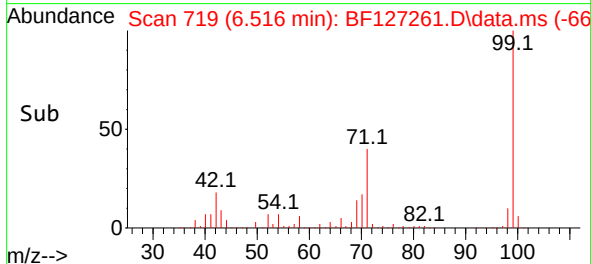
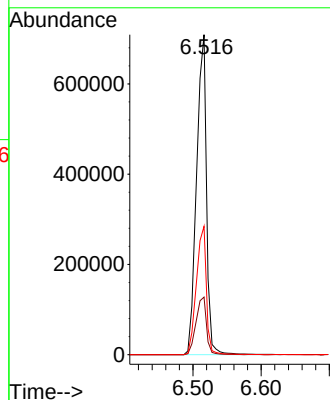
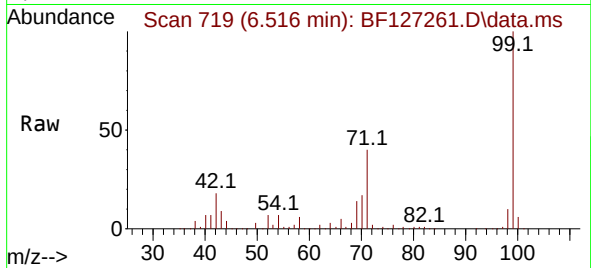




#7
Phenol-d6
Concen: 105.379 ng
RT: 6.516 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127261.D
Acq: 08 Mar 2022 16:31

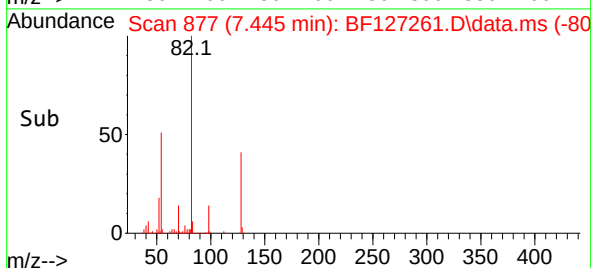
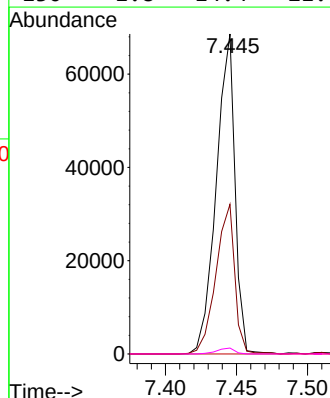
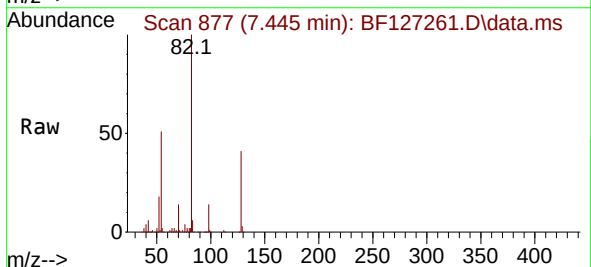
Instrument :
BNA_F
ClientSampleId :
1-2-SAMPLE-LOCATION-1

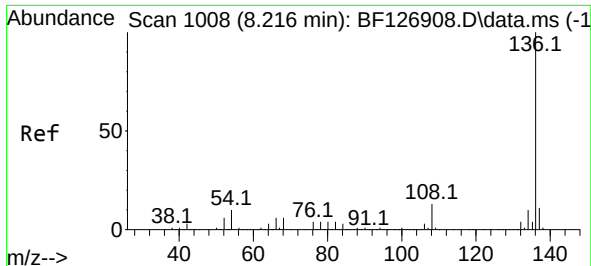
Tgt Ion: 99 Resp: 714423
Ion Ratio Lower Upper
99 100
42 18.0 14.2 21.4
71 40.1 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.403 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.153 min
Lab File: BF127261.D
Acq: 08 Mar 2022 16:31

Tgt Ion: 70 Resp: 62920
Ion Ratio Lower Upper
70 100
42 46.8 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

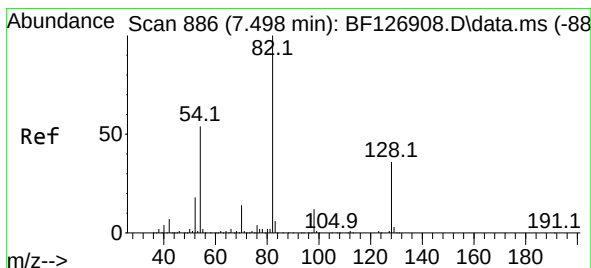
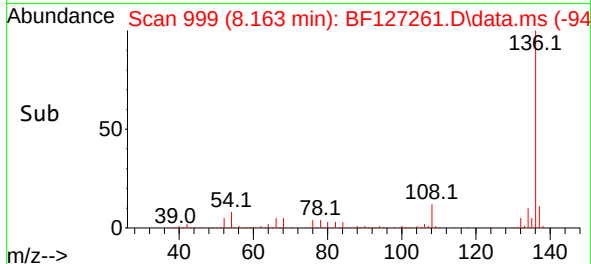
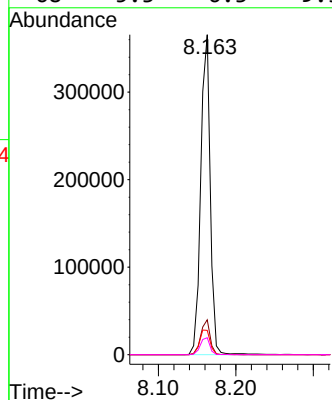
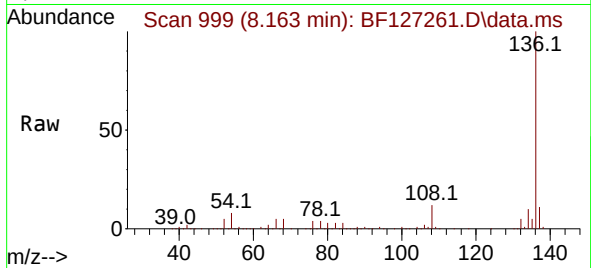




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF127261.D
Acq: 08 Mar 2022 16:31

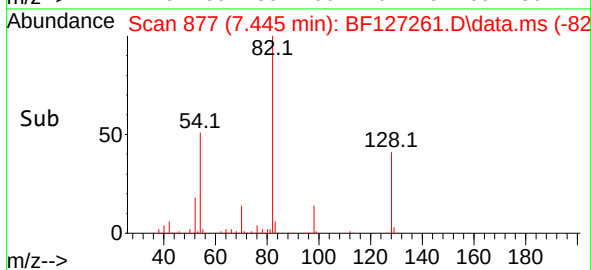
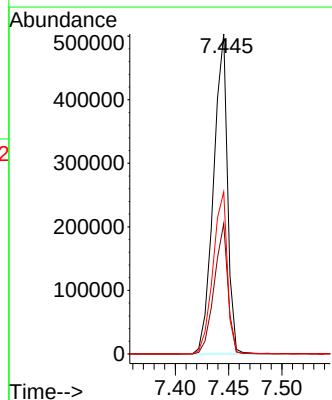
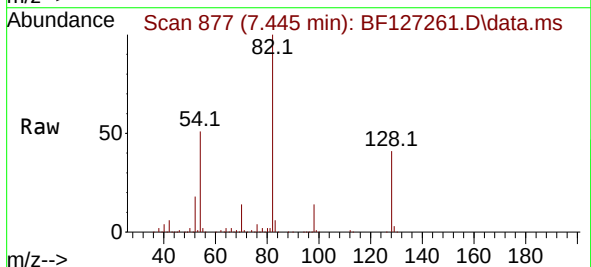
Instrument :
BNA_F
ClientSampleId :
1-2-SAMPLE-LOCATION-1

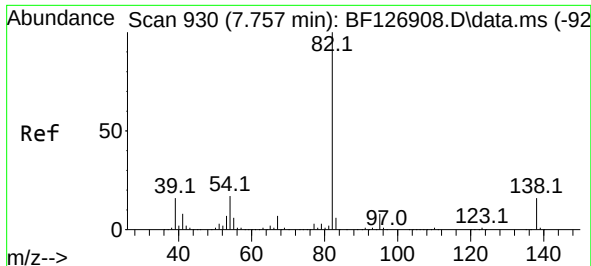
Tgt Ion:136 Resp: 310713
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.6 7.8 11.6#
68 5.3 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 67.264 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF127261.D
Acq: 08 Mar 2022 16:31

Tgt Ion: 82 Resp: 463030
Ion Ratio Lower Upper
82 100
128 40.7 32.7 49.1
54 50.7 41.7 62.5

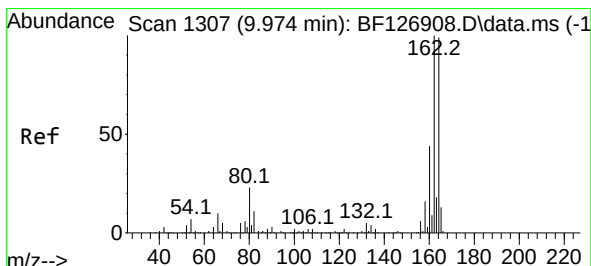
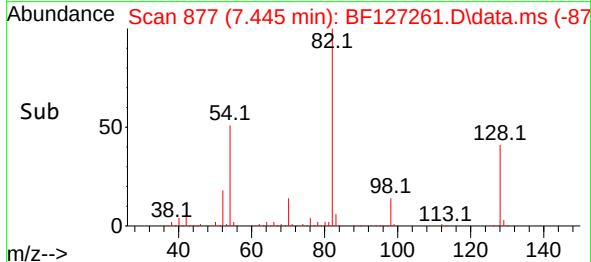
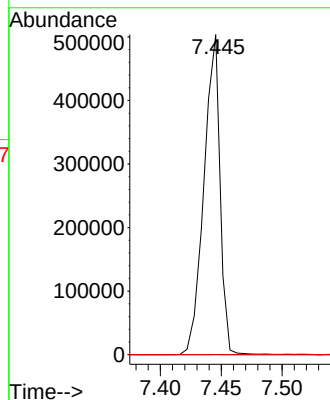
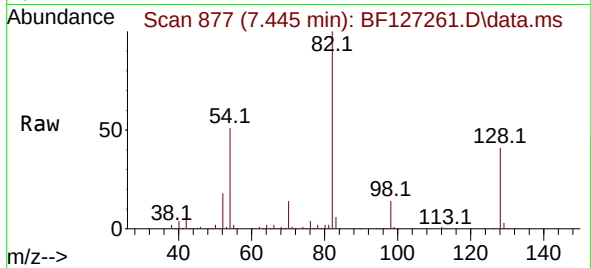




#25
Isophorone
Concen: 40.559 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127261.D
Acq: 08 Mar 2022 16:31

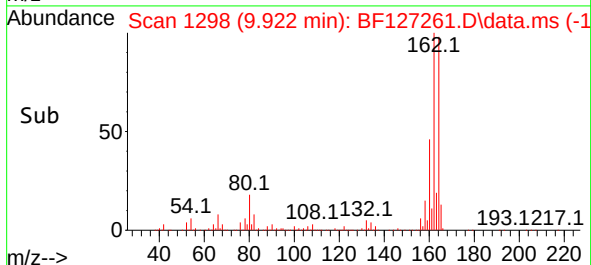
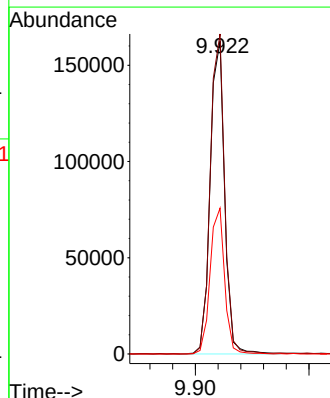
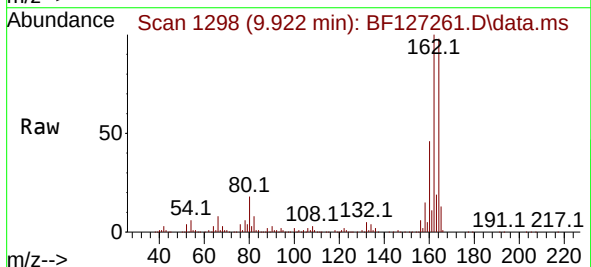
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ClientSampleId :
1-2-SAMPLE-LOCATION-1

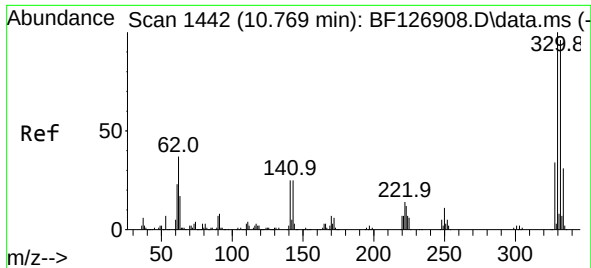
Tgt Ion: 82 Resp: 462002
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF127261.D
Acq: 08 Mar 2022 16:31

Tgt Ion: 164 Resp: 143280
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 46.6 36.6 54.8

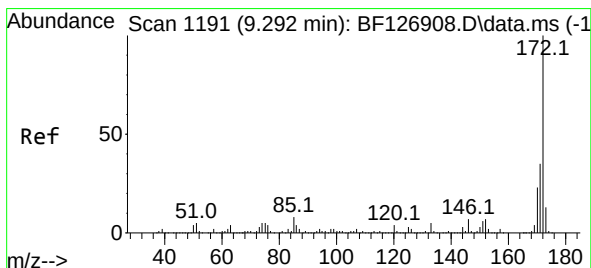
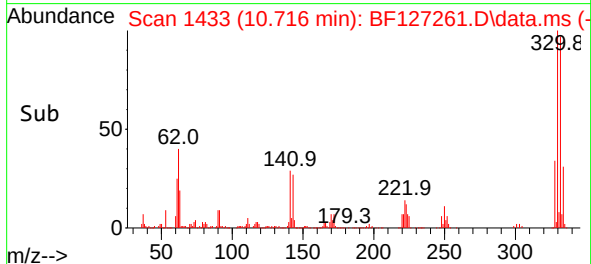
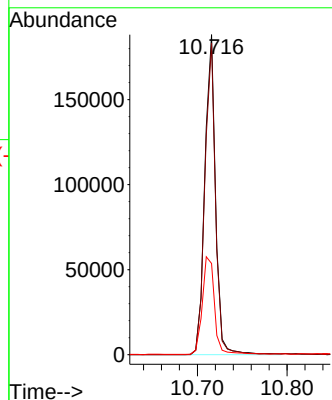
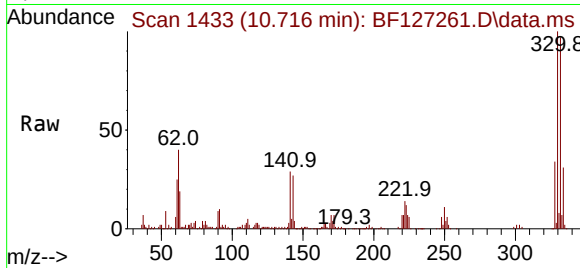




#42
2,4,6-Tribromophenol
Concen: 94.901 ng
RT: 10.716 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF127261.D
Acq: 08 Mar 2022 16:31

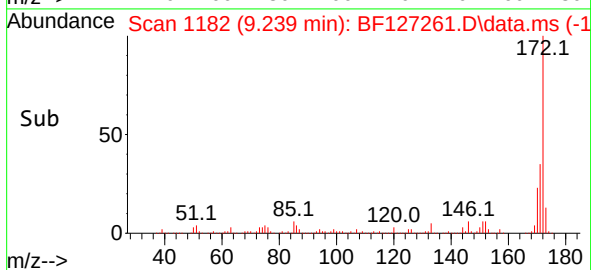
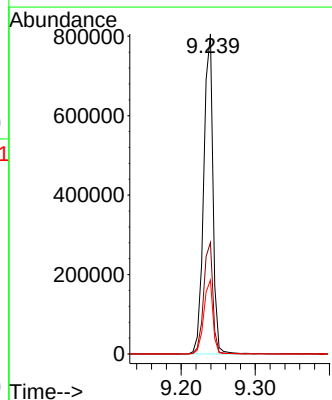
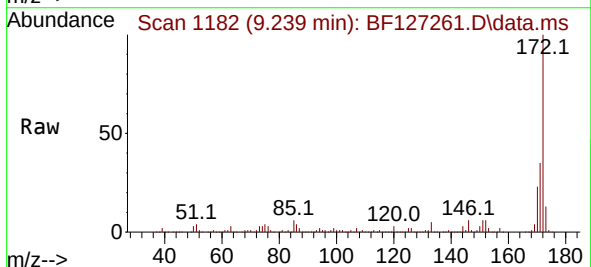
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1-2-SAMPLE-LOCATION-1

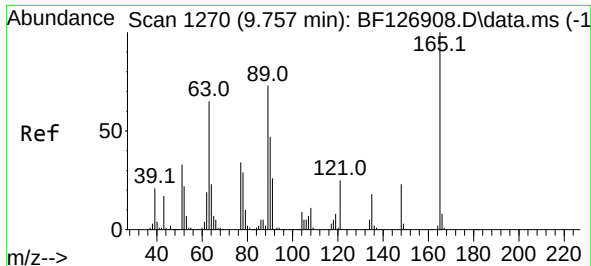
Tgt Ion:330 Resp: 156556
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 34.7 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 72.011 ng
RT: 9.239 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF127261.D
Acq: 08 Mar 2022 16:31

Tgt Ion:172 Resp: 700856
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.1 19.0 28.6

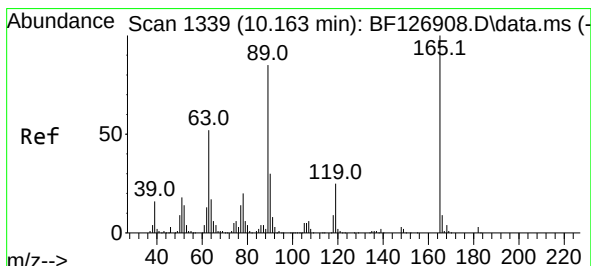
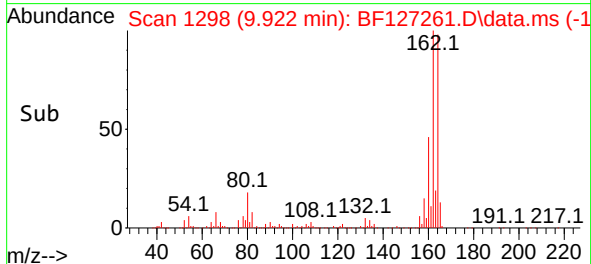
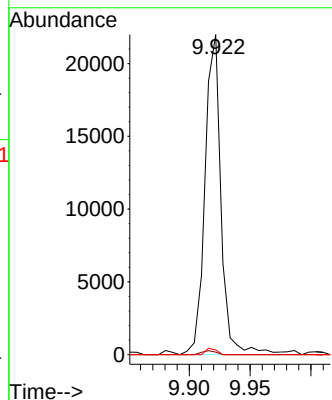
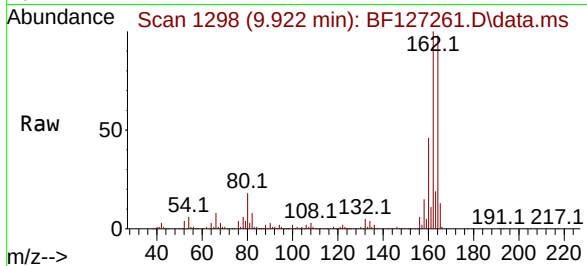




#51
2,6-Dinitrotoluene
Concen: 9.681 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.212 min
Lab File: BF127261.D
Acq: 08 Mar 2022 16:31

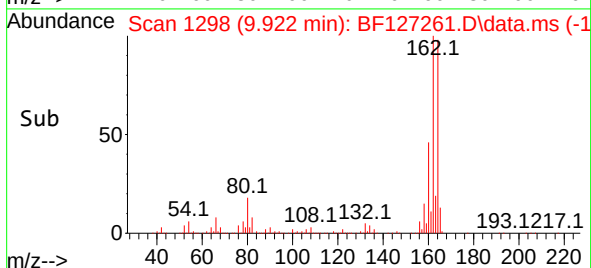
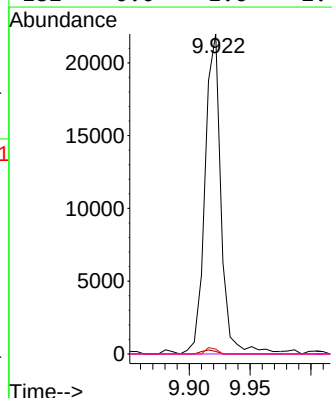
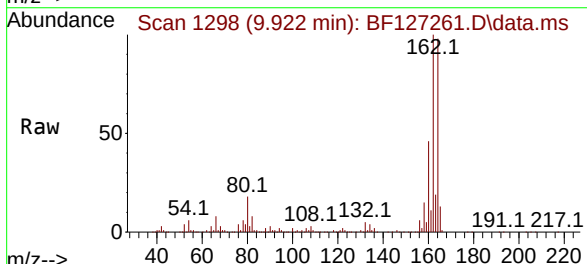
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ClientSampleId :
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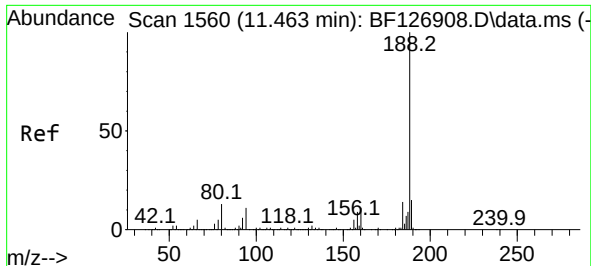
Tgt Ion:165 Resp: 20171
Ion Ratio Lower Upper
165 100
63 0.8 48.4 72.6#
89 1.5 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.160 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.194 min
Lab File: BF127261.D
Acq: 08 Mar 2022 16:31

Tgt Ion:165 Resp: 20171
Ion Ratio Lower Upper
165 100
63 0.8 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#

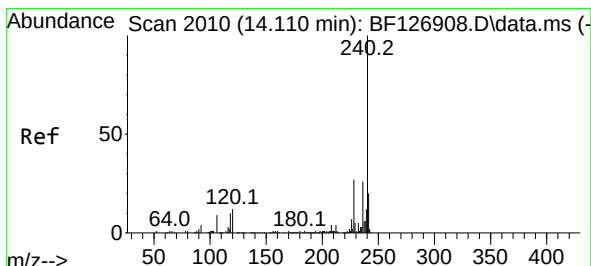
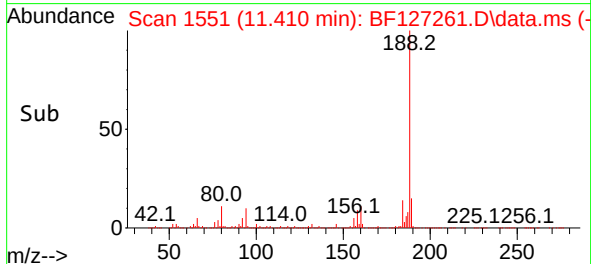
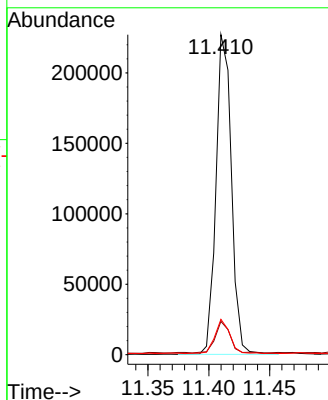
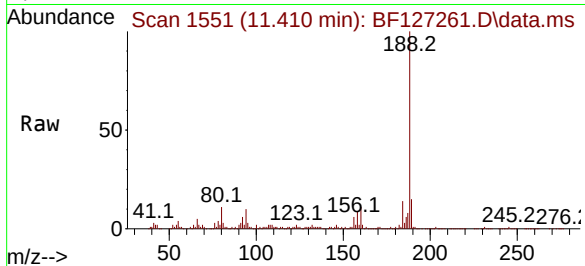




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127261.D
Acq: 08 Mar 2022 16:31

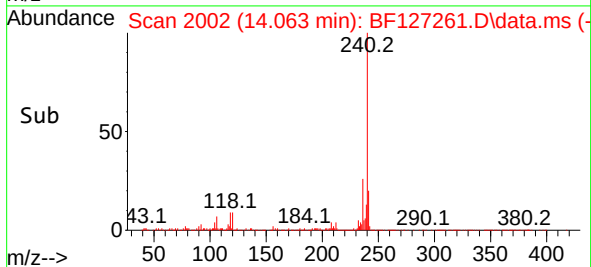
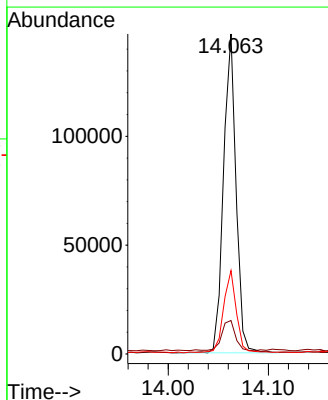
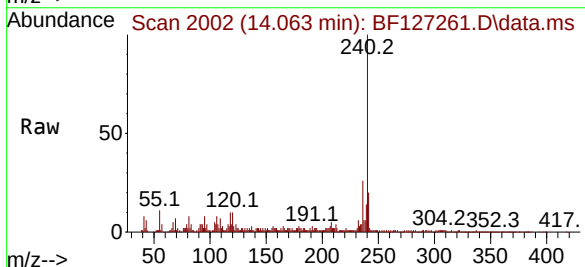
Instrument :
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ClientSampleId :
1-2-SAMPLE-LOCATION-1

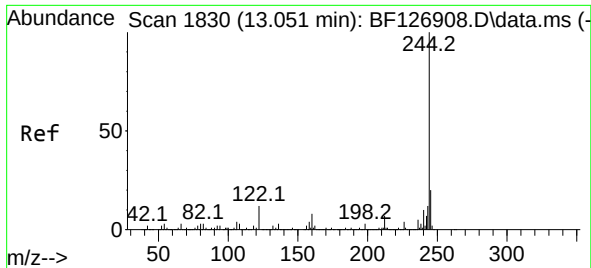
Tgt Ion:188 Resp: 201268
Ion Ratio Lower Upper
188 100
94 10.4 10.1 15.1
80 11.1 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF127261.D
Acq: 08 Mar 2022 16:31

Tgt Ion:240 Resp: 126754
Ion Ratio Lower Upper
240 100
120 10.5 14.4 21.6#
236 26.1 20.5 30.7

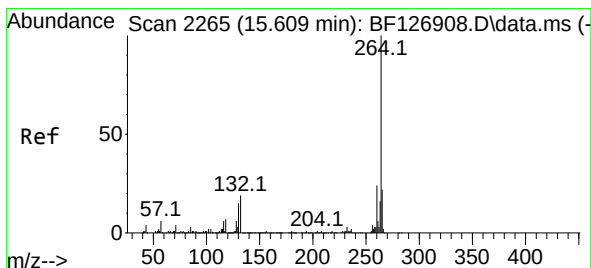
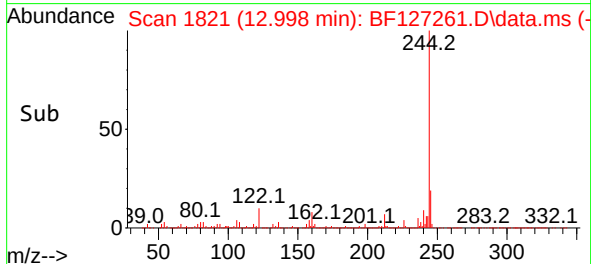
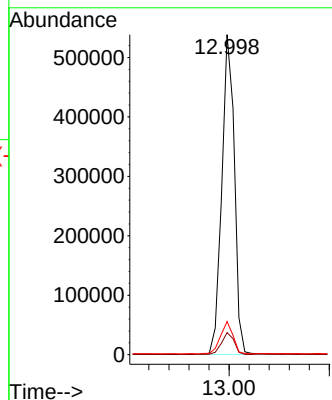
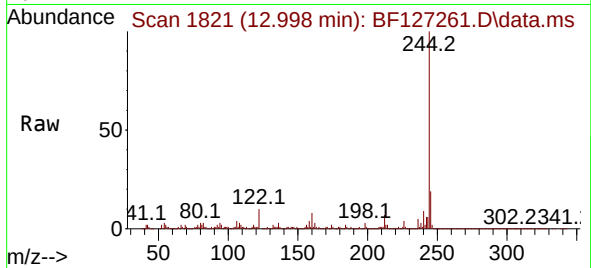




#79
Terphenyl-d14
Concen: 54.229 ng
RT: 12.998 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF127261.D
Acq: 08 Mar 2022 16:31

Instrument :
BNA_F
ClientSampleId :
1-2-SAMPLE-LOCATION-1

Tgt Ion:244 Resp: 467593
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 10.3 13.3 19.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2257
Delta R.T. 0.018 min
Lab File: BF127261.D
Acq: 08 Mar 2022 16:31

Tgt Ion:264 Resp: 102599
Ion Ratio Lower Upper
264 100
260 26.1 19.2 28.8
265 20.7 17.4 26.2

