

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126814.D
 Acq On : 04 Feb 2022 16:44
 Operator : CG/JU
 Sample : N1356-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PHC

Quant Time: Feb 04 23:54:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

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

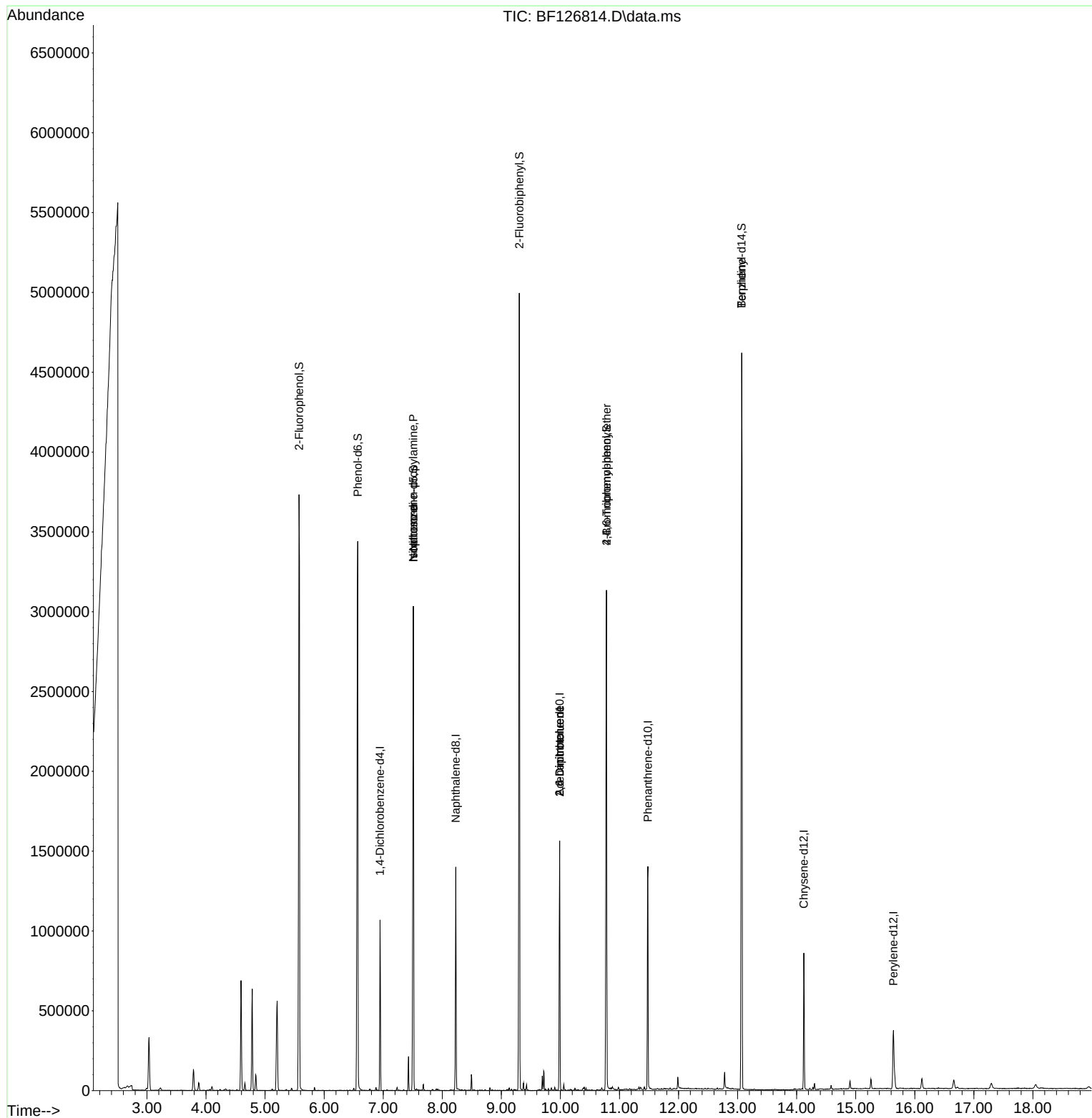
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	132567	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	510532	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	273081	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	488155	20.000	ng	0.00
76) Chrysene-d12	14.121	240	264043	20.000	ng	#-0.01
86) Perylene-d12	15.639	264	151657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1143174	118.111	ng	0.01
7) Phenol-d6	6.569	99	1396936	104.340	ng	0.00
23) Nitrobenzene-d5	7.510	82	1184217	86.810	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	386099	136.232	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1521654	92.266	ng	0.00
79) Terphenyl-d14	13.069	244	1703036	107.895	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.510	70	156181	17.716	ng	# 68
25) Isophorone	7.510	82	1181101	50.449	ng	# 69
51) 2,6-Dinitrotoluene	9.986	165	35092	9.050	ng	# 21
57) 2,4-Dinitrotoluene	9.986	165	35092	6.677	ng	# 15
67) 4-Bromophenyl-phenylether	10.781	248	24639	4.410	ng	# 1
77) Benzidine	13.069	184	21679	3.579	ng	97

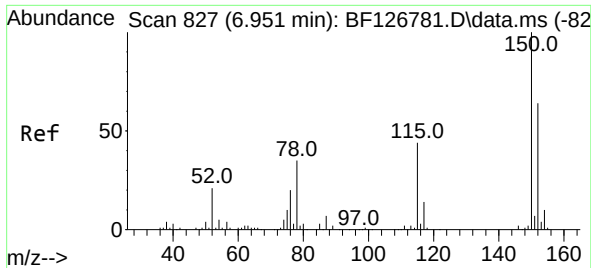
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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QLast Update : Wed Feb 02 15:08:47 2022
Response via : Initial Calibration

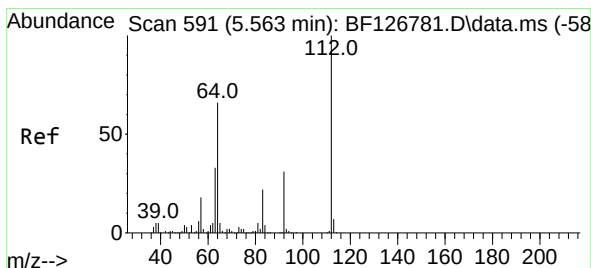
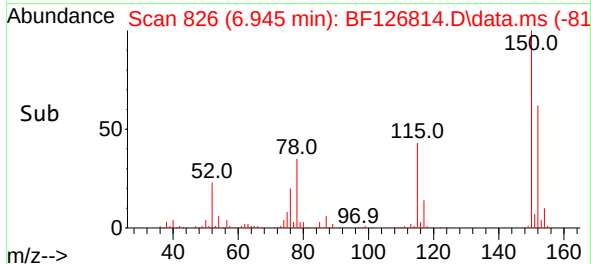
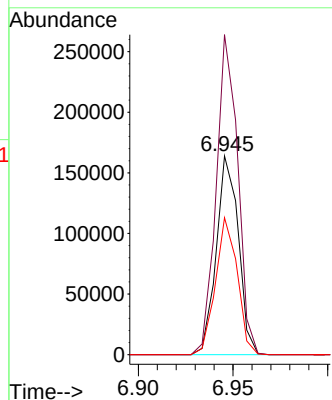
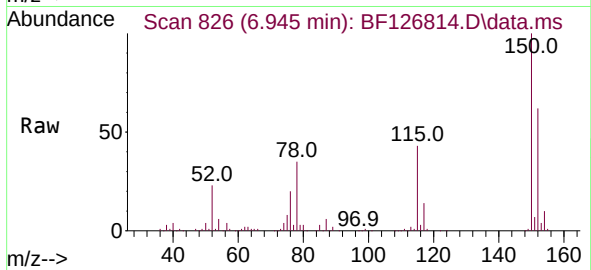




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126814.D
 Acq: 04 Feb 2022 16:44

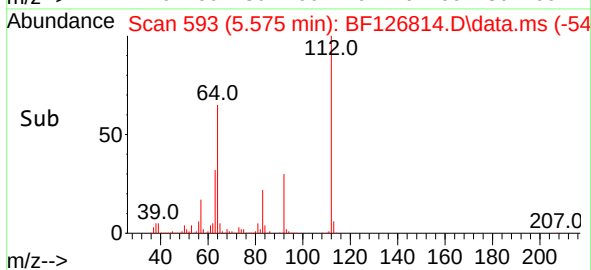
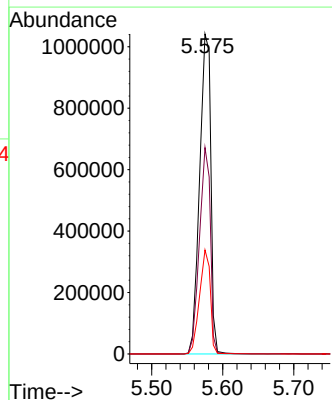
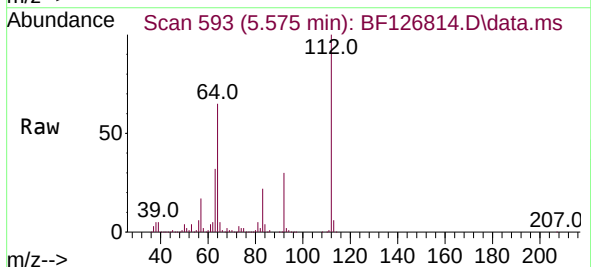
Instrument :
 BNA_F
 ClientSampleId :
 B-PHC

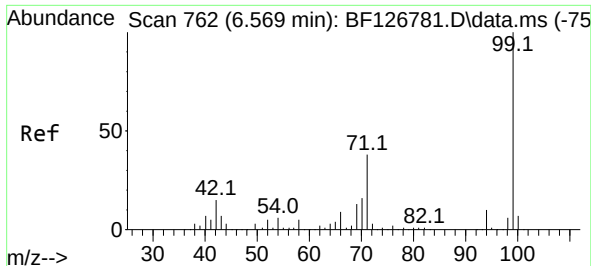
Tgt Ion:152 Resp: 132567
 Ion Ratio Lower Upper
 152 100
 150 161.0 128.1 192.1
 115 68.9 56.7 85.1



#5
 2-Fluorophenol
 Concen: 118.111 ng
 RT: 5.575 min Scan# 593
 Delta R.T. 0.012 min
 Lab File: BF126814.D
 Acq: 04 Feb 2022 16:44

Tgt Ion:112 Resp: 1143174
 Ion Ratio Lower Upper
 112 100
 64 64.5 49.5 74.3
 63 32.5 23.9 35.9

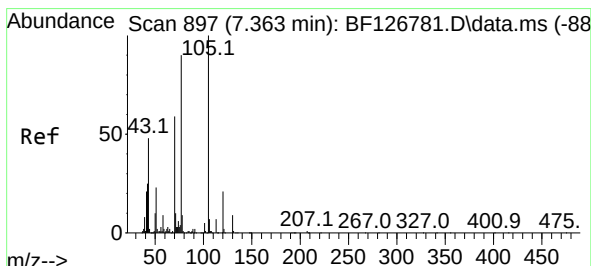
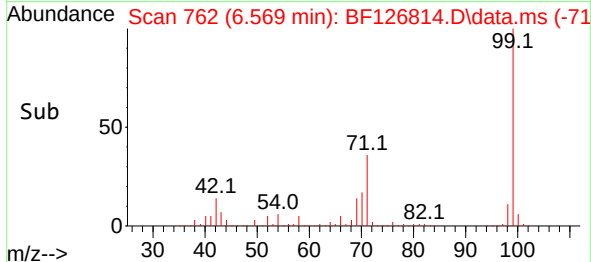
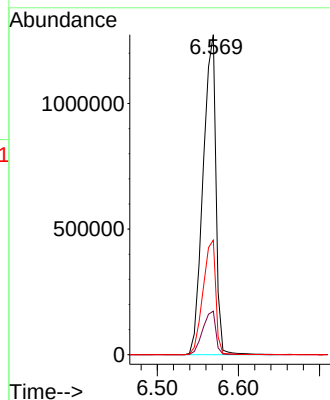
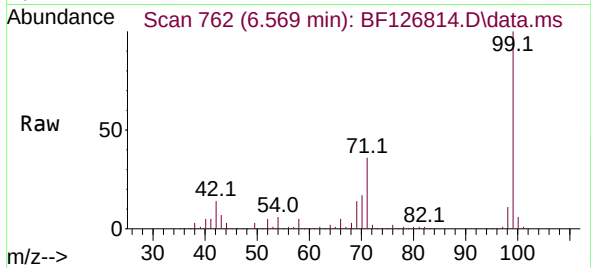




#7
Phenol-d6
Concen: 104.340 ng
RT: 6.569 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

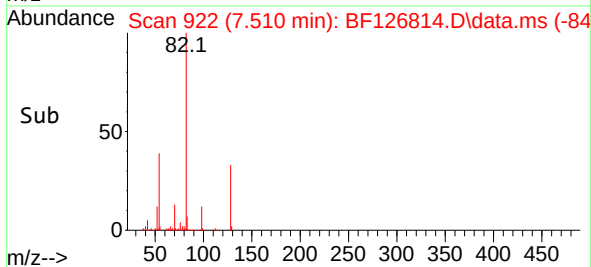
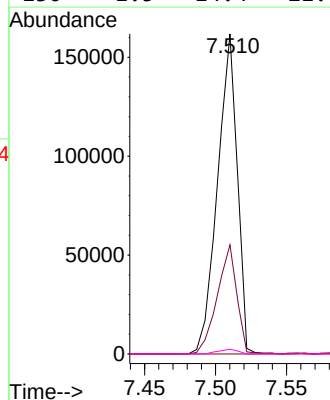
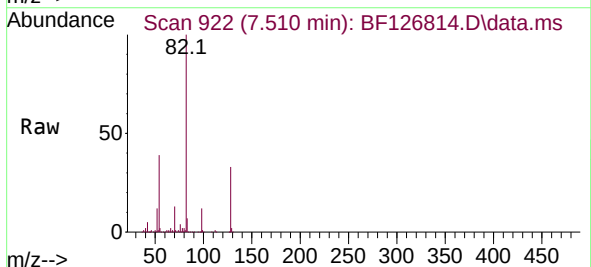
Instrument :
BNA_F
ClientSampleId :
B-PHC

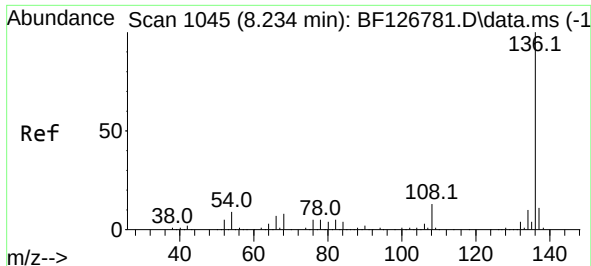
Tgt Ion: 99 Resp: 1396936
Ion Ratio Lower Upper
99 100
42 13.6 14.2 21.4#
71 35.8 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.716 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

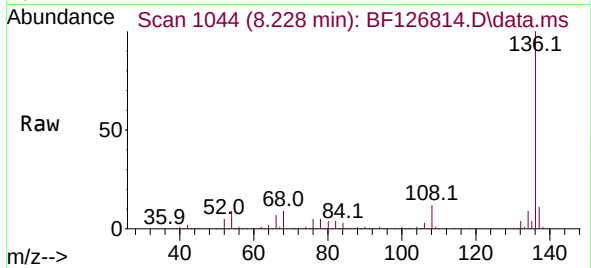
Tgt Ion: 70 Resp: 156181
Ion Ratio Lower Upper
70 100
42 34.1 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



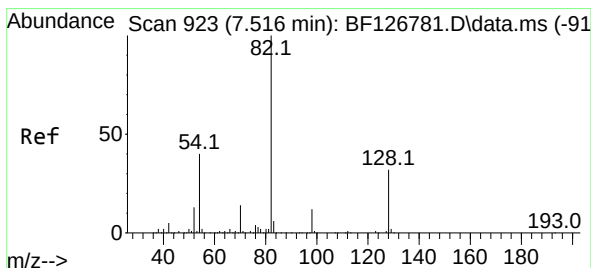
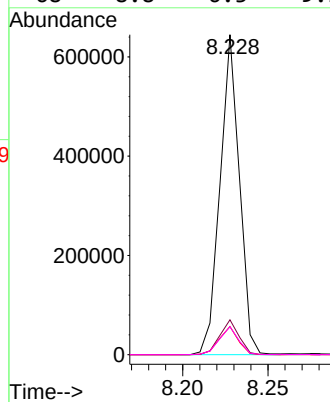
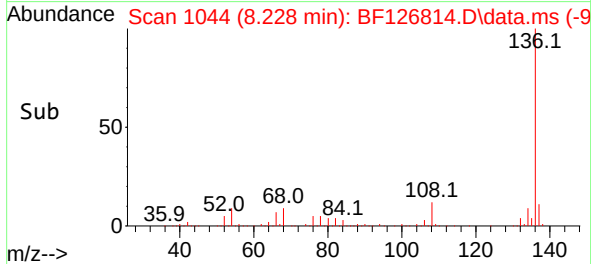


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

Instrument :
BNA_F
ClientSampleId :
B-PHC

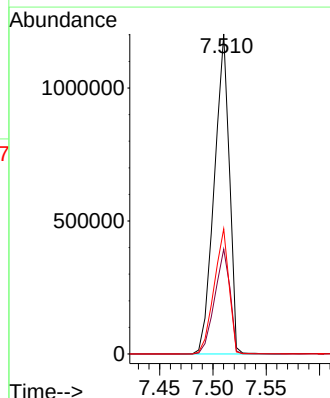
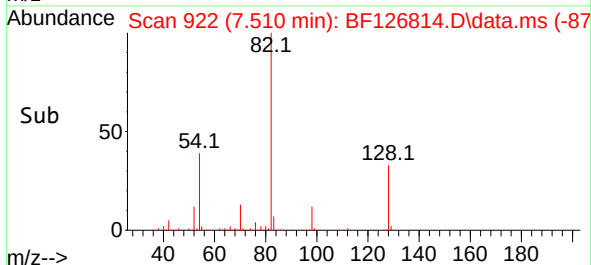
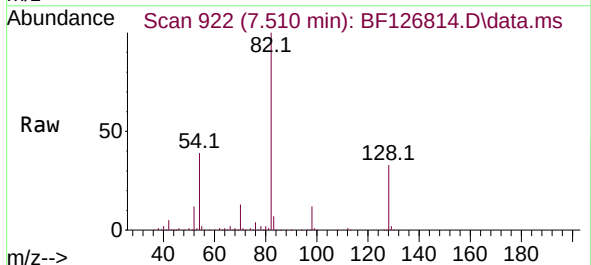


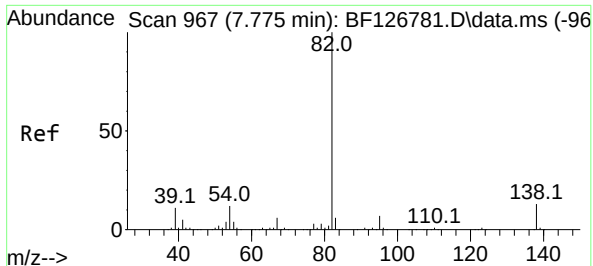
Tgt Ion:136 Resp: 510532
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 7.8 11.6
68 8.8 6.3 9.5



#23
Nitrobenzene-d5
Concen: 86.810 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

Tgt Ion: 82 Resp: 1184217
Ion Ratio Lower Upper
82 100
128 32.8 32.7 49.1
54 39.1 41.7 62.5#

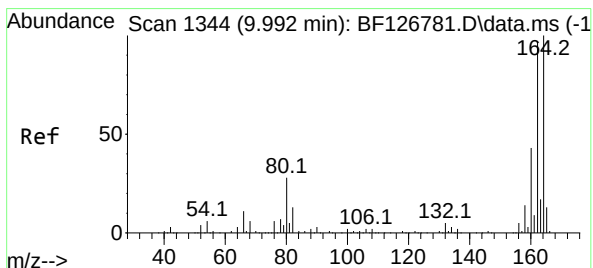
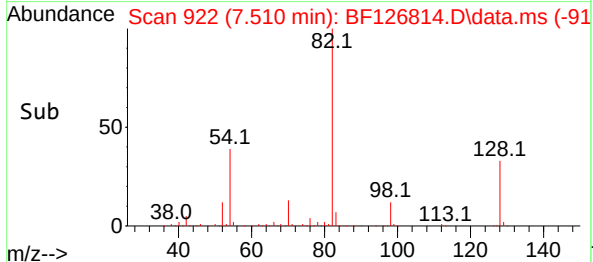
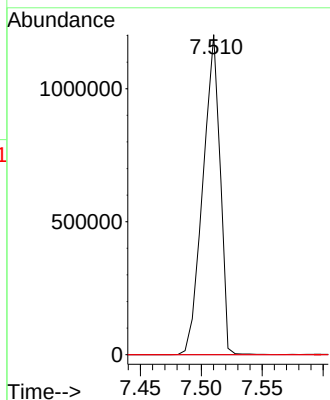
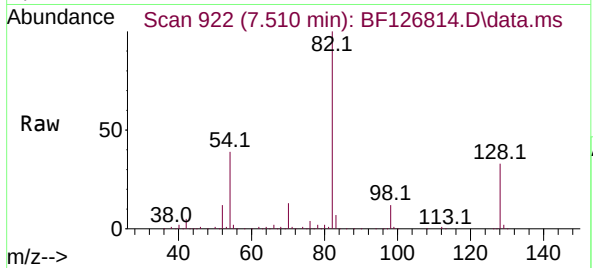




#25
Isophorone
Concen: 50.449 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

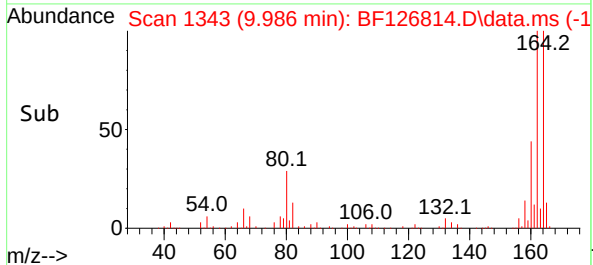
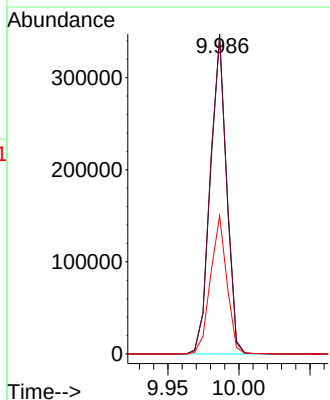
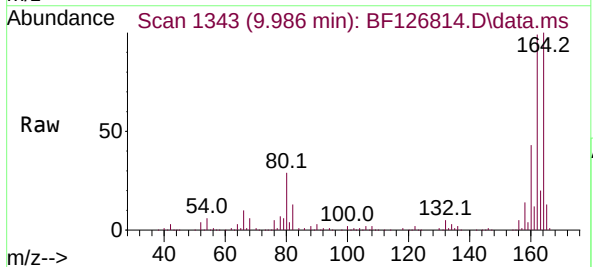
Instrument :
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ClientSampleId :
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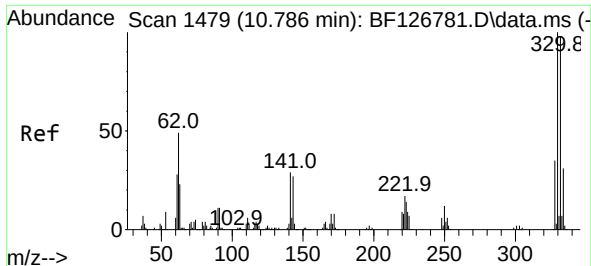
Tgt Ion: 82 Resp: 1181101
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

Tgt Ion: 164 Resp: 273081
Ion Ratio Lower Upper
164 100
162 98.7 81.4 122.0
160 43.2 36.6 54.8

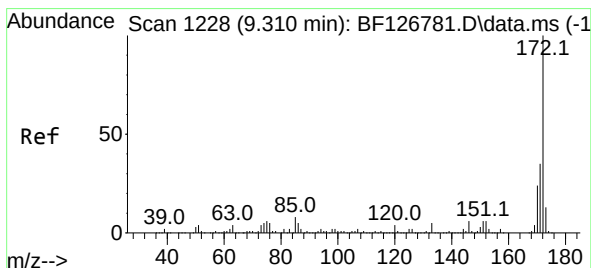
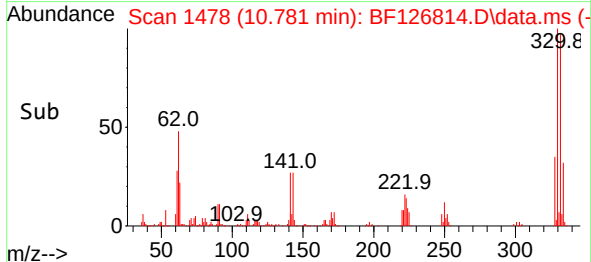
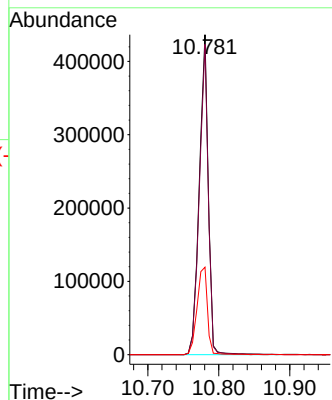
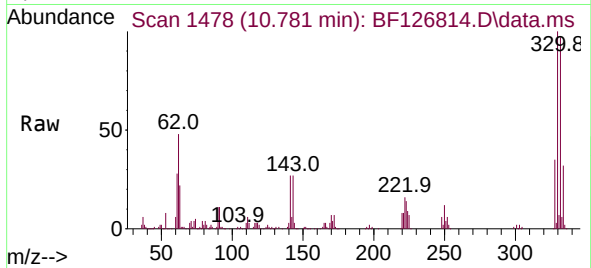




#42
2,4,6-Tribromophenol
Concen: 136.232 ng
RT: 10.781 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

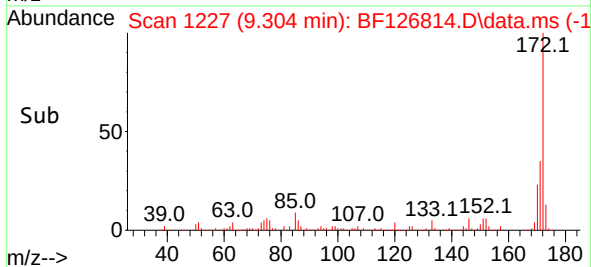
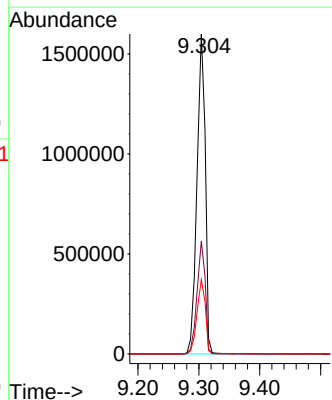
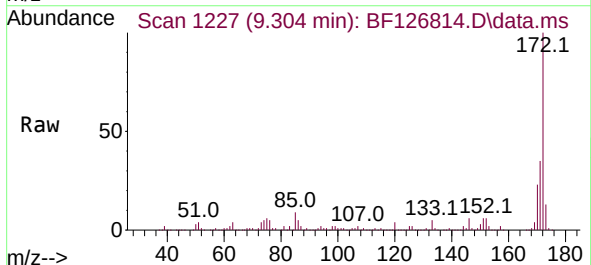
Instrument :
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B-PHC

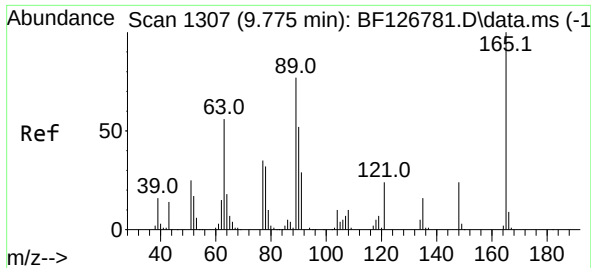
Tgt Ion:330 Resp: 386099
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 31.5 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 92.266 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

Tgt Ion:172 Resp: 1521654
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.2 19.0 28.6

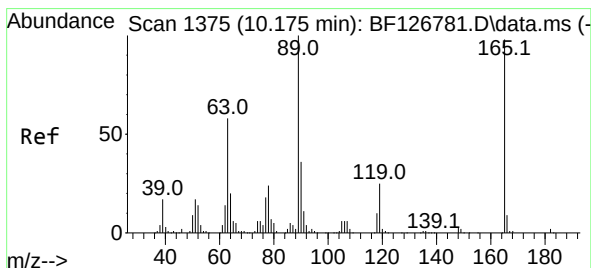
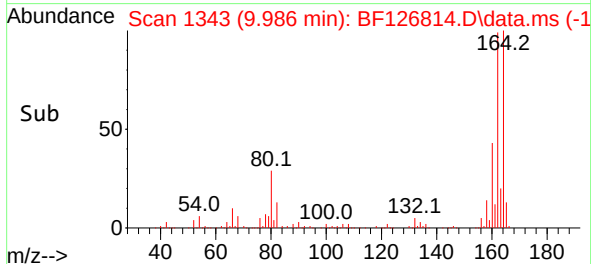
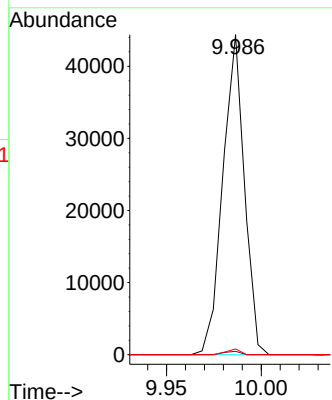
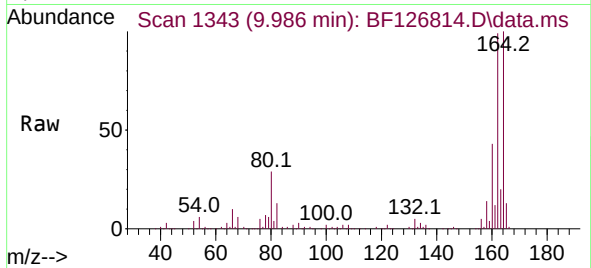




#51
2,6-Dinitrotoluene
Concen: 9.050 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

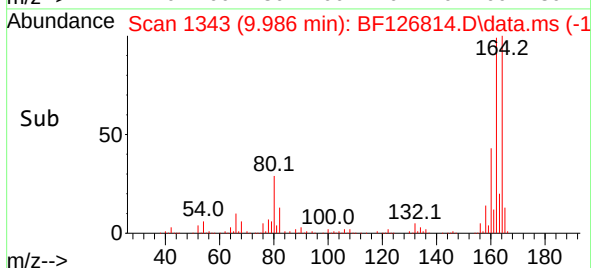
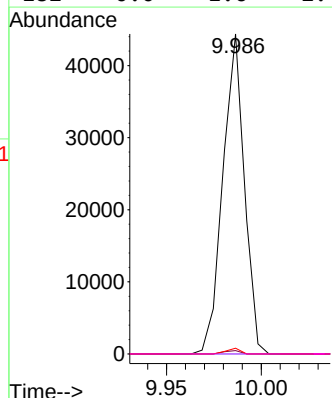
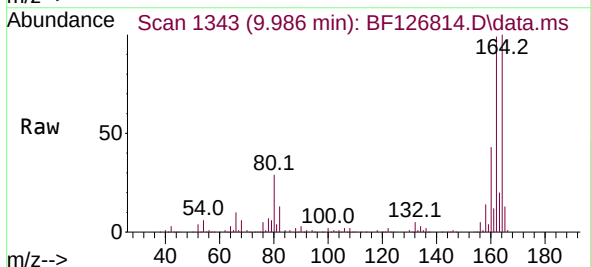
Instrument :
BNA_F
ClientSampleId :
B-PHC

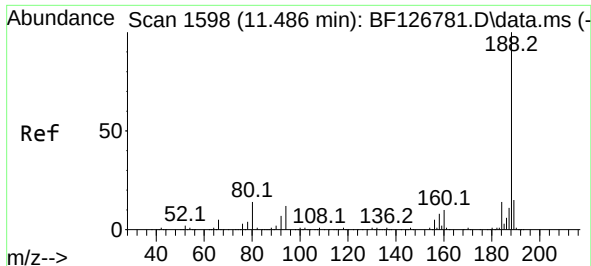
Tgt Ion:165 Resp: 35092
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.8 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.677 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.188 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

Tgt Ion:165 Resp: 35092
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#

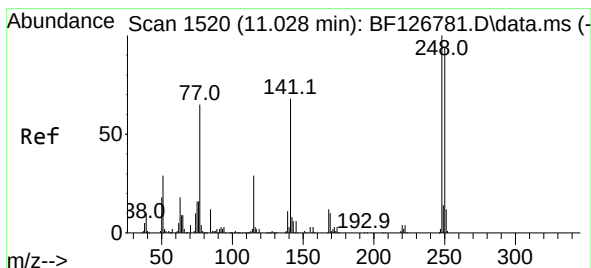
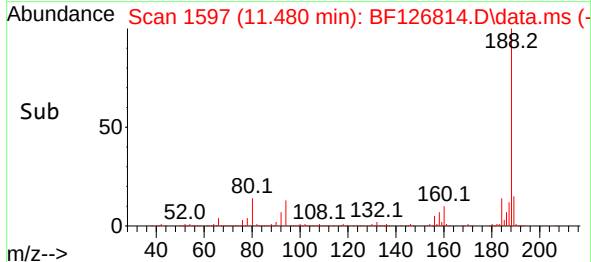
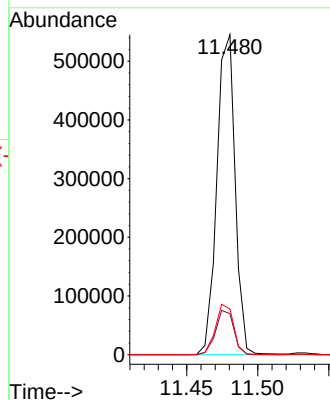
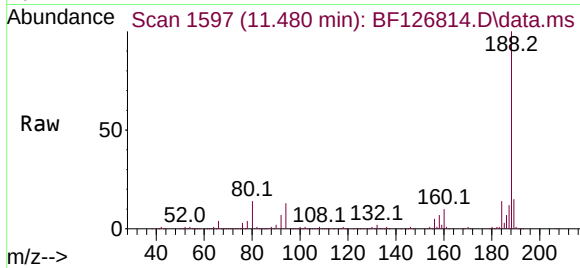




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

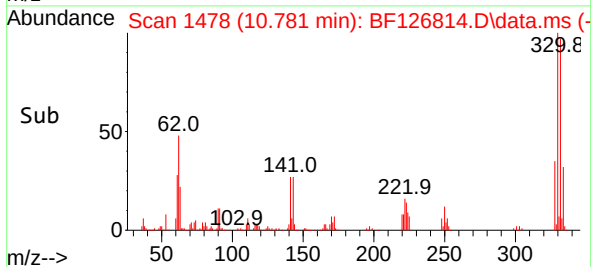
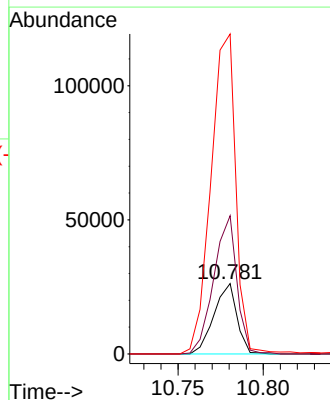
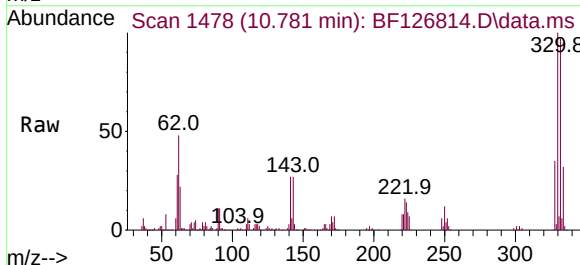
Instrument :
BNA_F
ClientSampleId :
B-PHC

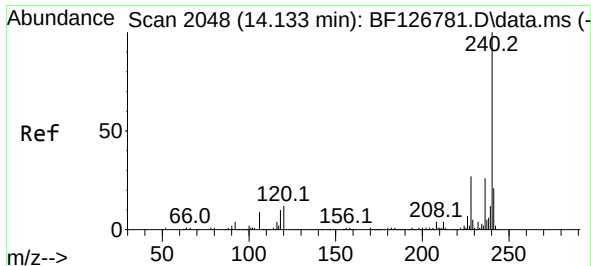
Tgt Ion:188 Resp: 488155
Ion Ratio Lower Upper
188 100
94 12.8 10.1 15.1
80 14.3 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.410 ng
RT: 10.781 min Scan# 1478
Delta R.T. -0.247 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

Tgt Ion:248 Resp: 24639
Ion Ratio Lower Upper
248 100
250 196.4 76.2 114.4#
141 454.4 66.2 99.4#

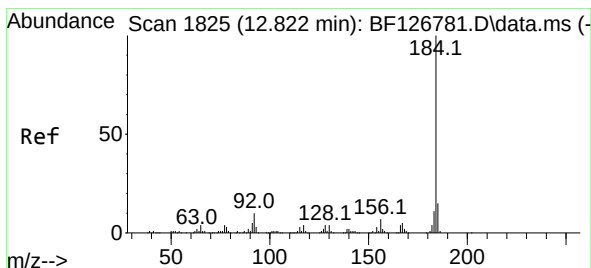
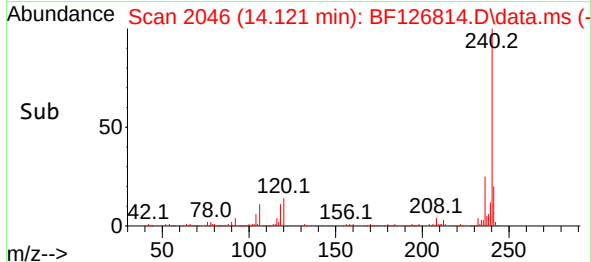
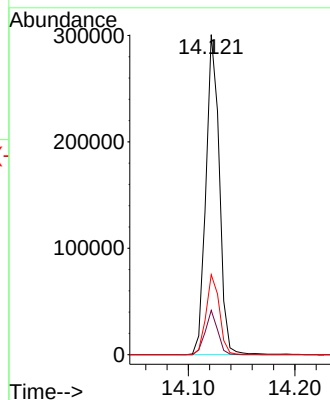
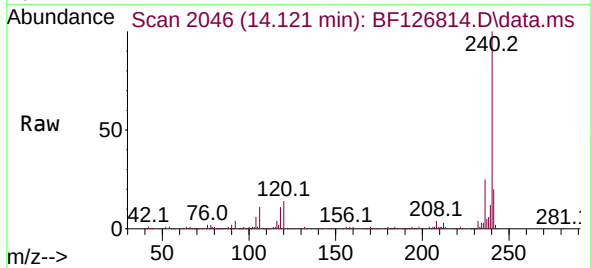




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

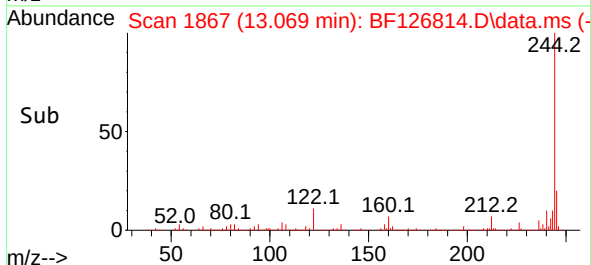
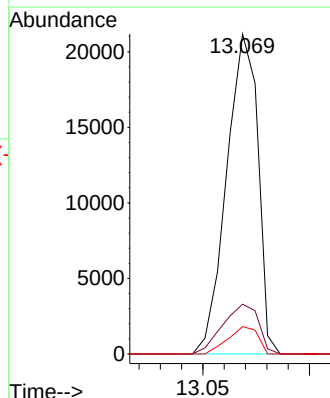
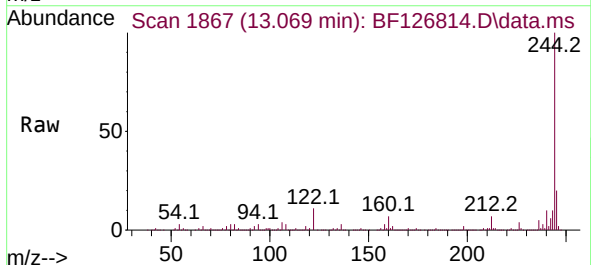
Instrument :
BNA_F
ClientSampleId :
B-PHC

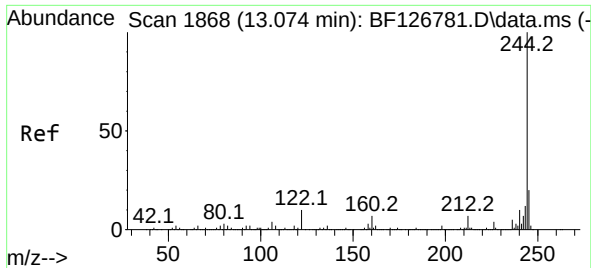
Tgt Ion:240 Resp: 264043
Ion Ratio Lower Upper
240 100
120 13.9 14.4 21.6#
236 25.0 20.5 30.7



#77
Benzidine
Concen: 3.579 ng
RT: 13.069 min Scan# 1867
Delta R.T. 0.247 min
Lab File: BF126814.D
Acq: 04 Feb 2022 16:44

Tgt Ion:184 Resp: 21679
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.8
183 8.6 8.2 12.2

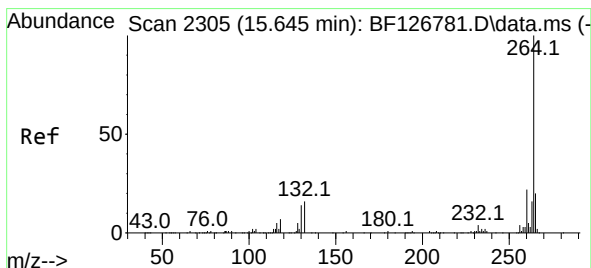
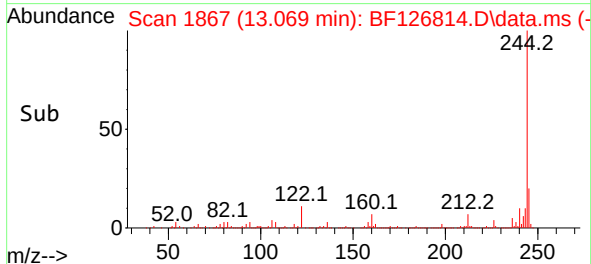
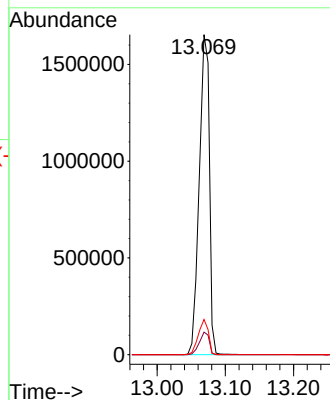
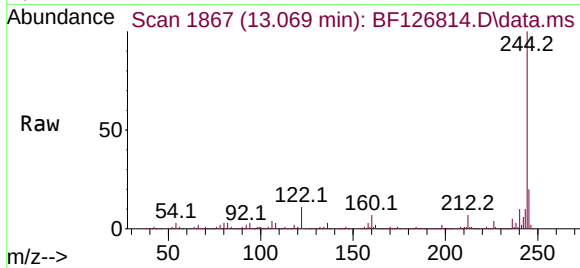




#79
 Terphenyl-d14
 Concen: 107.895 ng
 RT: 13.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126814.D
 Acq: 04 Feb 2022 16:44

Instrument :
 BNA_F
 ClientSampleId :
 B-PHC

Tgt Ion:244 Resp: 1703036
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 11.0 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF126814.D
 Acq: 04 Feb 2022 16:44

Tgt Ion:264 Resp: 151657
 Ion Ratio Lower Upper
 264 100
 260 25.8 19.2 28.8
 265 20.4 17.4 26.2

