

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
 Data File : BF130809.D
 Acq On : 27 Oct 2022 21:21
 Operator : CG\JU
 Sample : PB148572TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148572TB

Quant Time: Oct 28 04:53:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 04:00:21 2022
 Response via : Initial Calibration

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

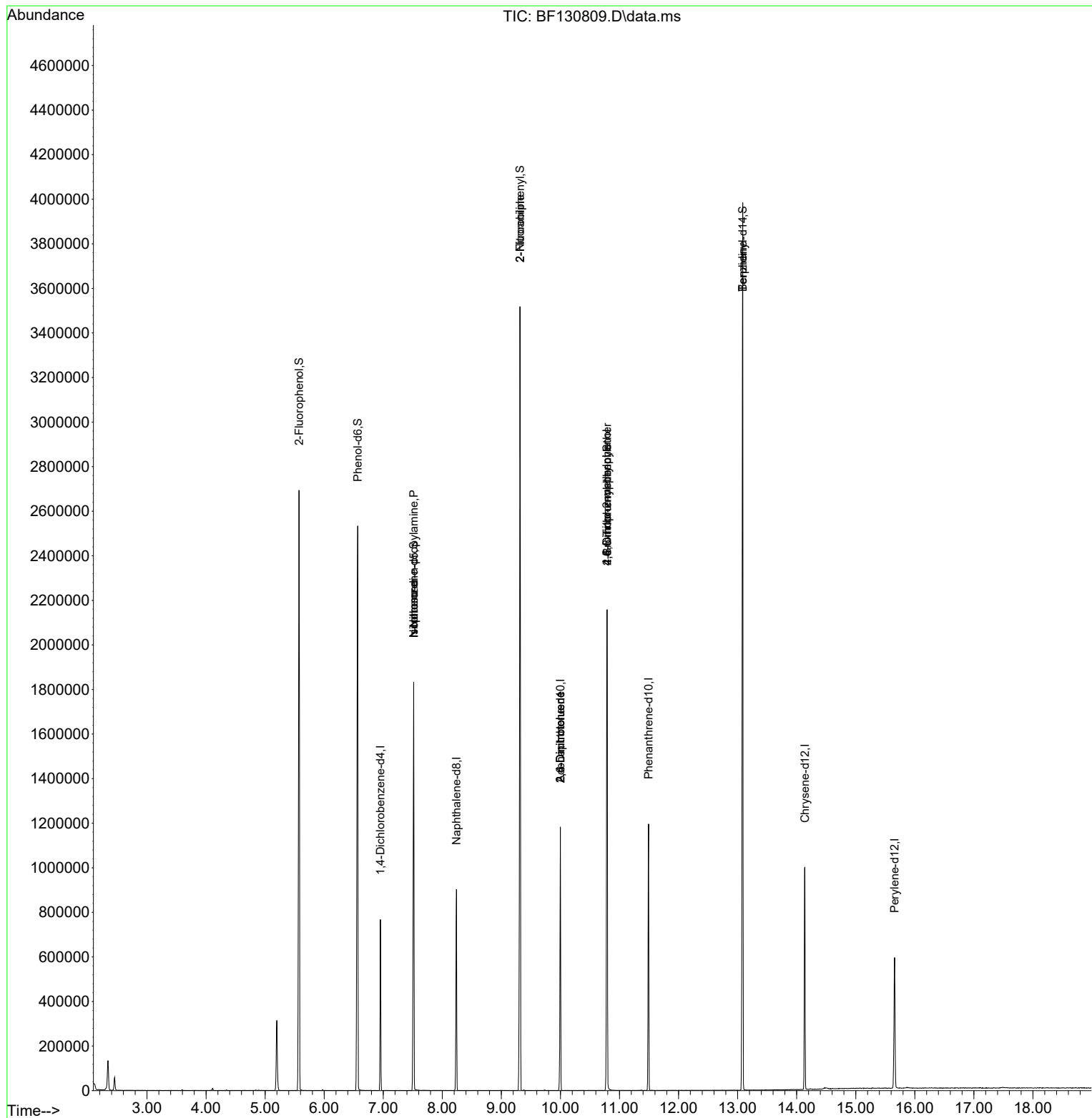
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	98318	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	382567	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	218353	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	423349	20.000	ng	0.00
76) Chrysene-d12	14.139	240	357070	20.000	ng	0.00
86) Perylene-d12	15.656	264	265327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	706393	124.556	ng	0.01
7) Phenol-d6	6.569	99	900903	122.242	ng	0.00
23) Nitrobenzene-d5	7.516	82	573966	90.466	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	252896	137.586	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1114119	77.142	ng	0.00
79) Terphenyl-d14	13.086	244	1378904	70.764	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.516	70	78838	15.723	ng	# 79
25) Isophorone	7.516	82	569395	43.521	ng	# 66
48) 2-Nitroaniline	9.316	65	2215	4.651	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	27560	11.894	ng	# 14
57) 2,4-Dinitrotoluene	9.998	165	27560	10.806	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.786	198	654	8.237	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	16813	3.949	ng	# 1
77) Benzidine	13.086	184	20782	2.398	ng	# 92

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

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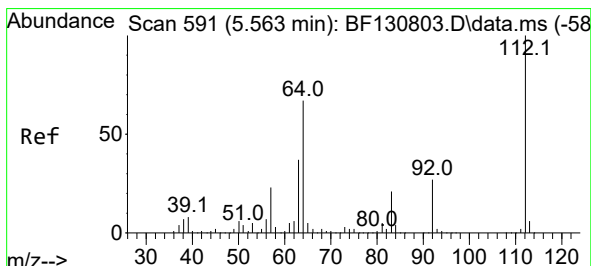
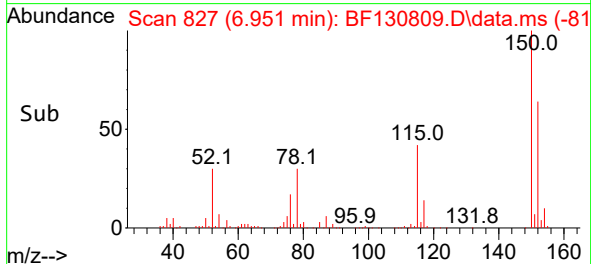
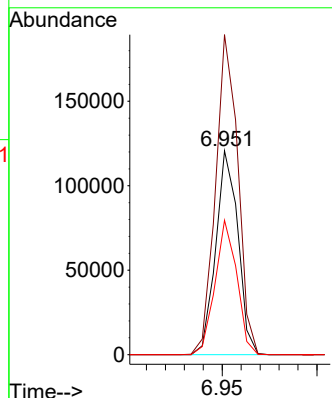
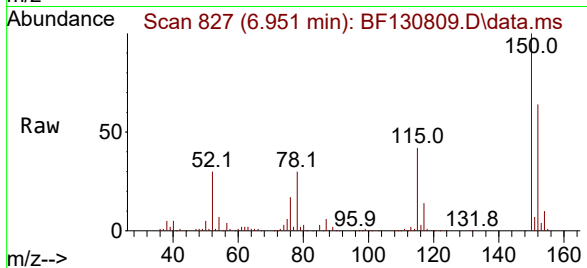




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

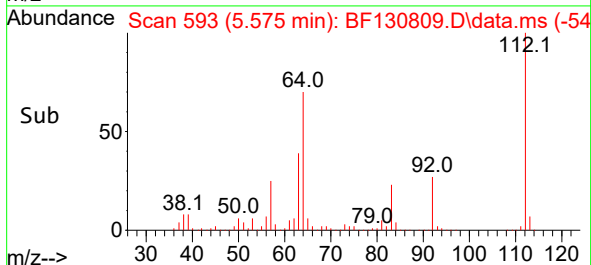
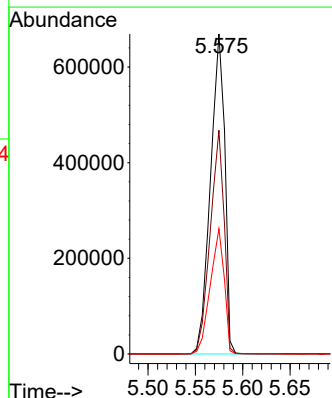
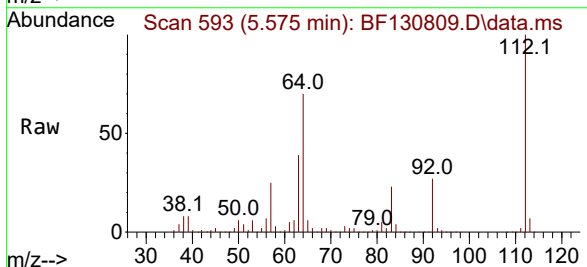
Instrument :
BNA_F
ClientSampleId :
PB148572TB

Tgt Ion:152 Resp: 98318
Ion Ratio Lower Upper
152 100
150 157.0 124.1 186.1
115 65.9 50.1 75.1



#5
2-Fluorophenol
Concen: 124.556 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.012 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

Tgt Ion:112 Resp: 706393
Ion Ratio Lower Upper
112 100
64 69.9 53.9 80.9
63 39.2 29.4 44.2

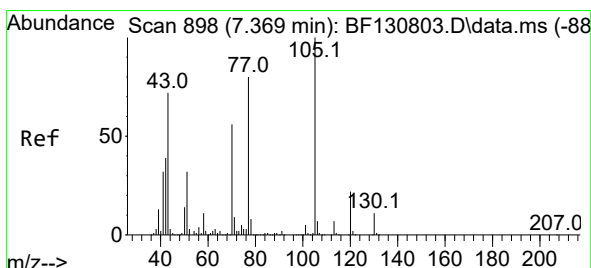
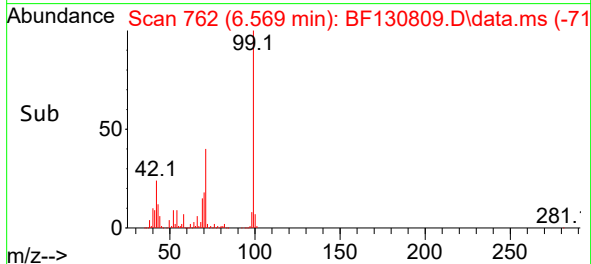
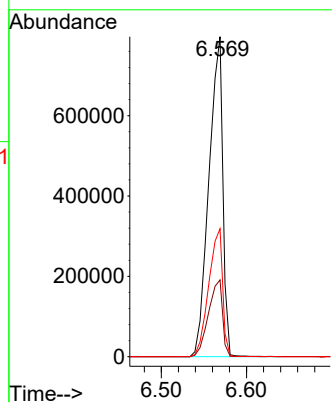
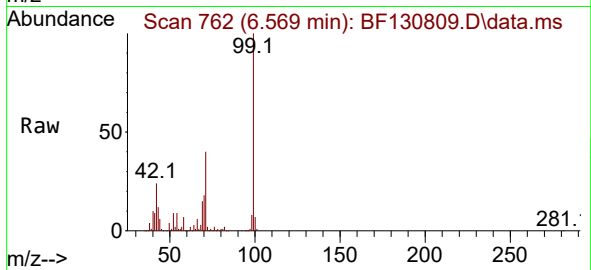




#7
Phenol-d6
Concen: 122.242 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

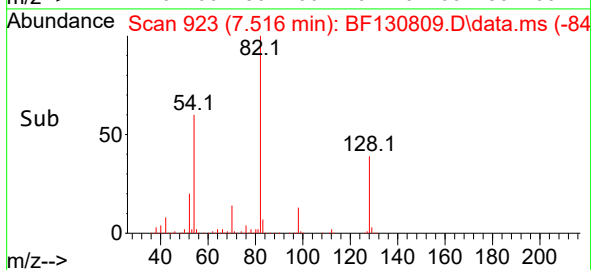
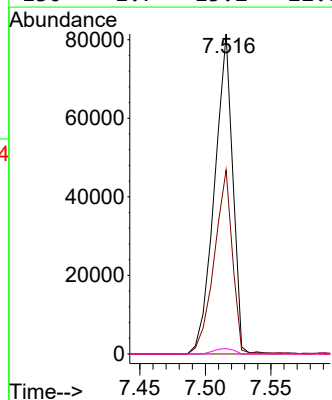
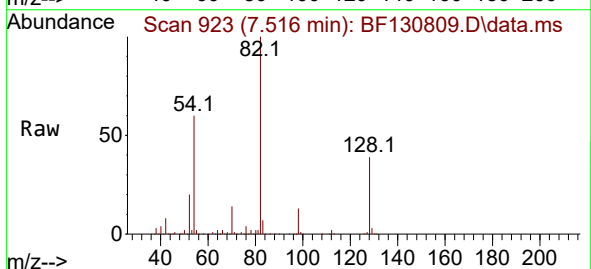
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ClientSampleId :
PB148572TB

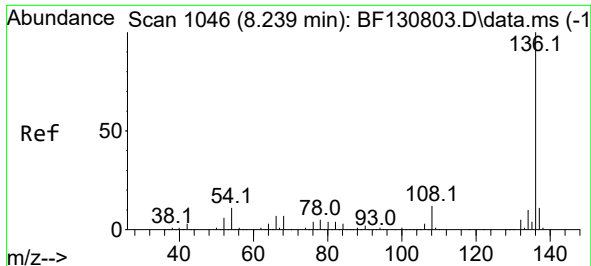
Tgt Ion: 99 Resp: 900903
Ion Ratio Lower Upper
99 100
42 24.0 18.8 28.2
71 40.0 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.723 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF130809.D
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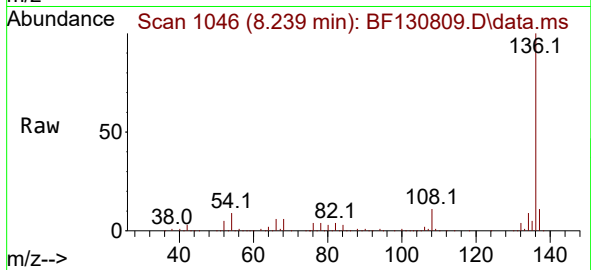
Tgt Ion: 70 Resp: 78838
Ion Ratio Lower Upper
70 100
42 57.5 56.1 84.1
101 0.0 7.3 10.9#
130 1.7 15.2 22.8#



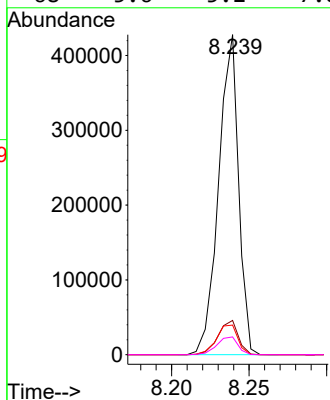
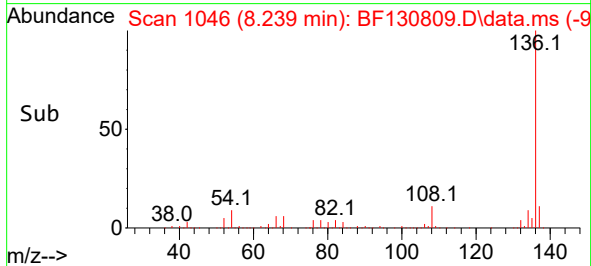


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

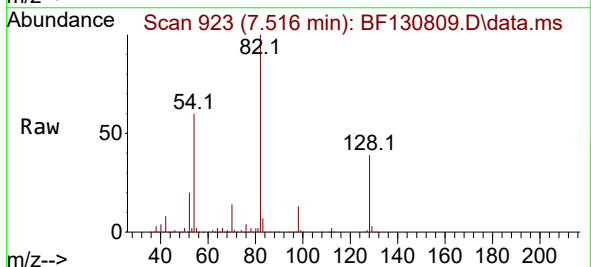
Instrument :
BNA_F
ClientSampleId :
PB148572TB



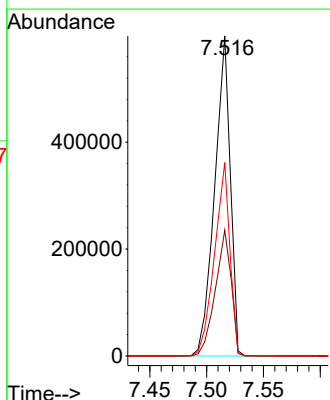
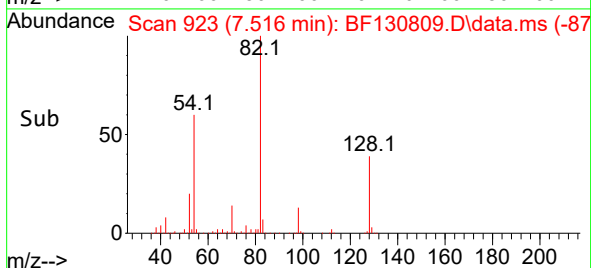
Tgt Ion:136 Resp: 382567
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 9.2 8.8 13.2
68 5.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 90.466 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21



Tgt Ion: 82 Resp: 573966
Ion Ratio Lower Upper
82 100
128 39.3 31.2 46.8
54 60.5 48.0 72.0

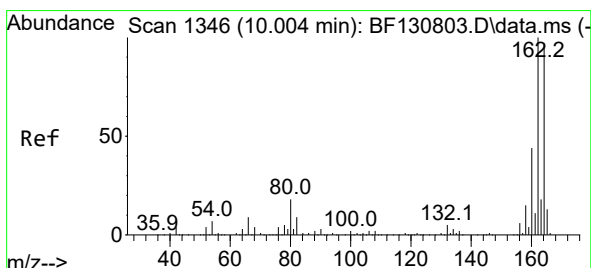
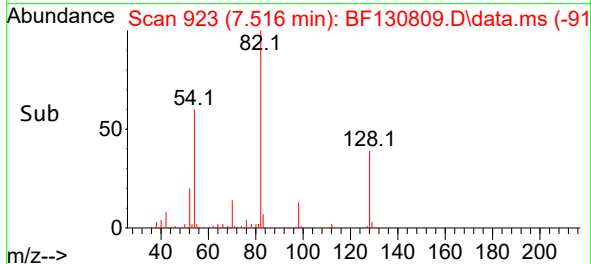
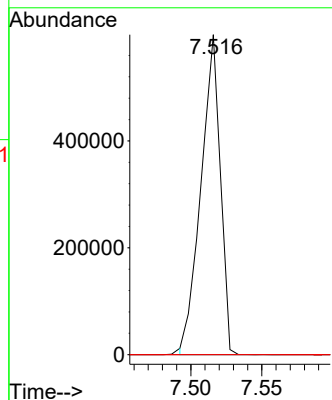
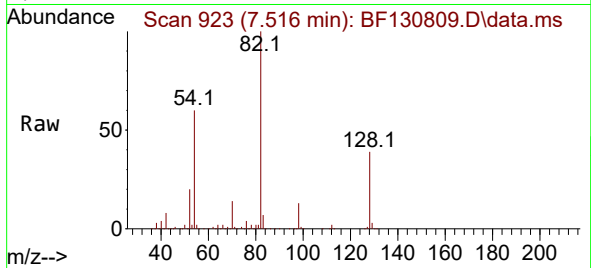




#25
Isophorone
Concen: 43.521 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

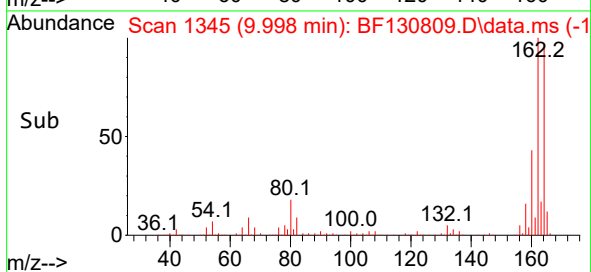
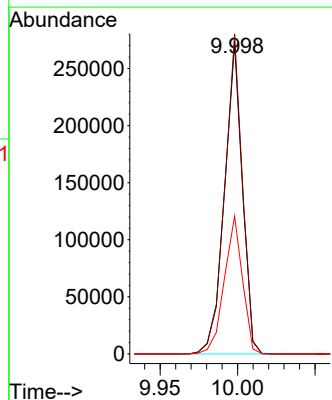
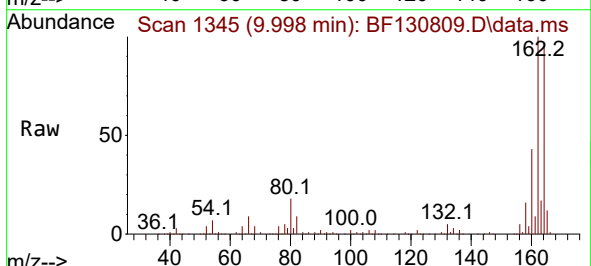
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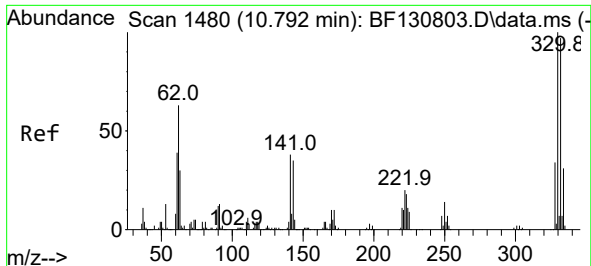
Tgt Ion: 82 Resp: 569395
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

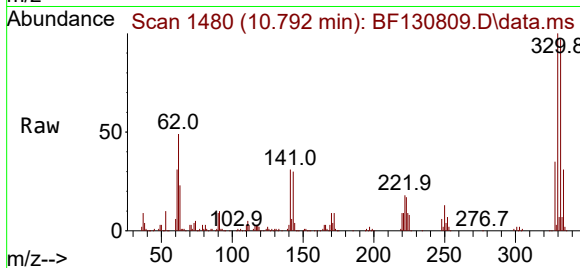
Tgt Ion: 164 Resp: 218353
Ion Ratio Lower Upper
164 100
162 103.1 82.2 123.2
160 44.4 36.6 54.8



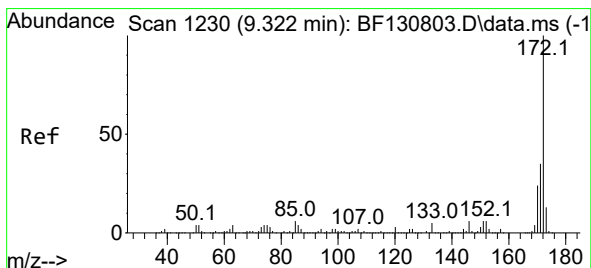
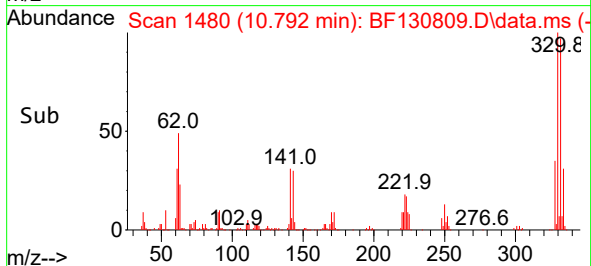
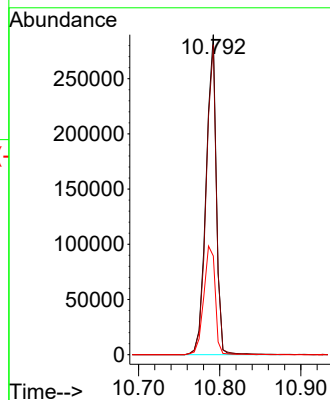


#42
2,4,6-Tribromophenol
Concen: 137.586 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

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BNA_F
ClientSampleId :
PB148572TB

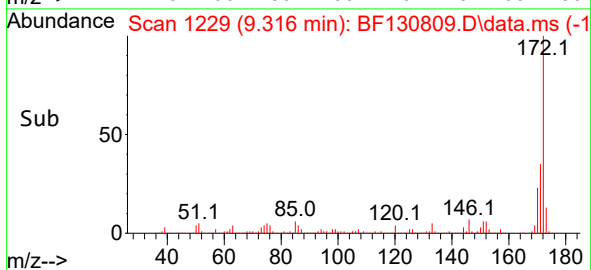
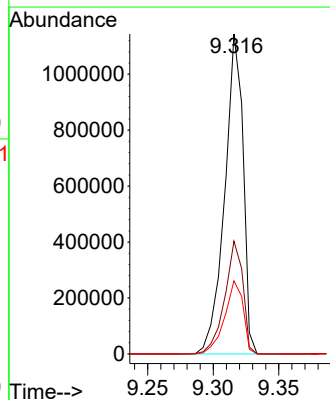
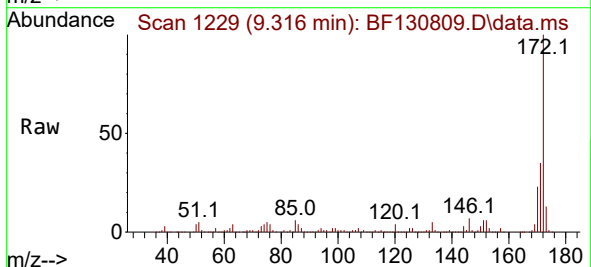


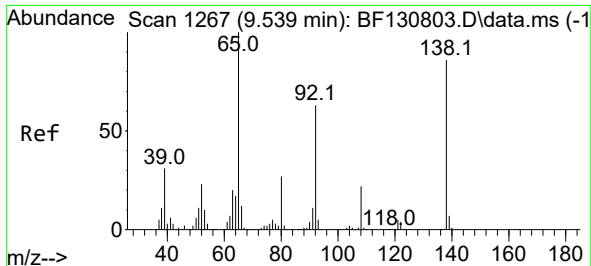
Tgt Ion:330 Resp: 252896
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 38.1 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 77.142 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

Tgt Ion:172 Resp: 1114119
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 22.9 19.0 28.4

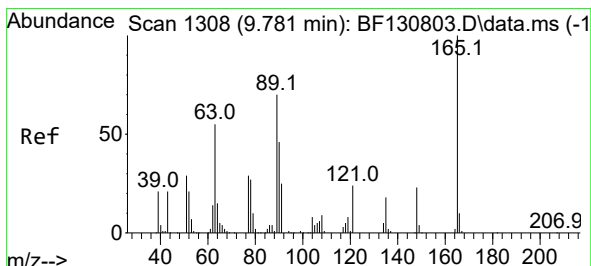
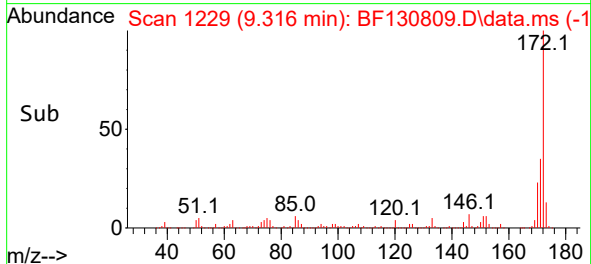
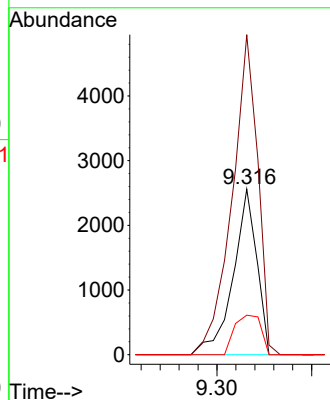
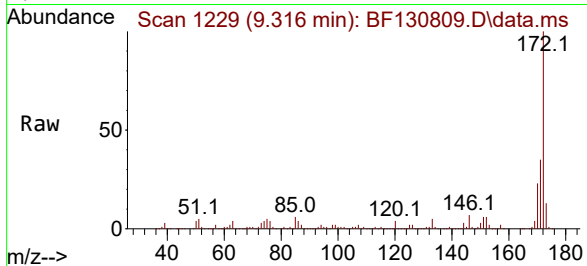




#48
2-Nitroaniline
Concen: 4.651 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

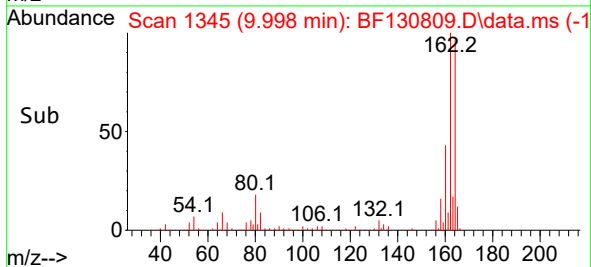
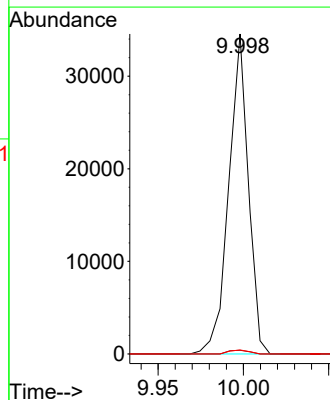
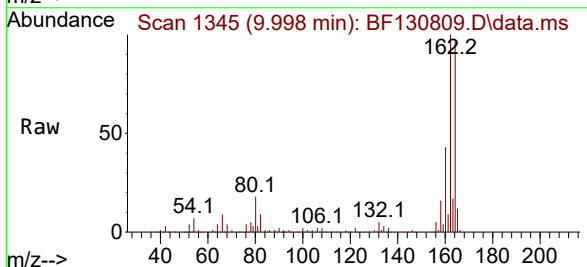
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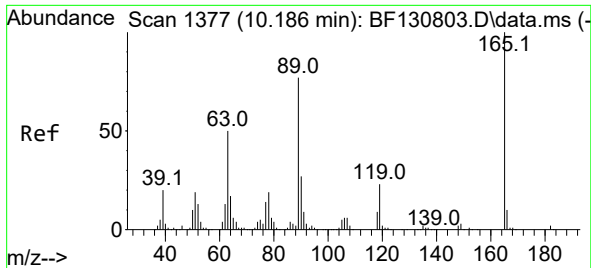
Tgt Ion: 65 Resp: 2215
Ion Ratio Lower Upper
65 100
92 193.3 50.1 75.1#
138 23.9 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 11.894 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.217 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

Tgt Ion: 165 Resp: 27560
Ion Ratio Lower Upper
165 100
63 1.2 61.8 92.8#
89 1.2 56.2 84.4#

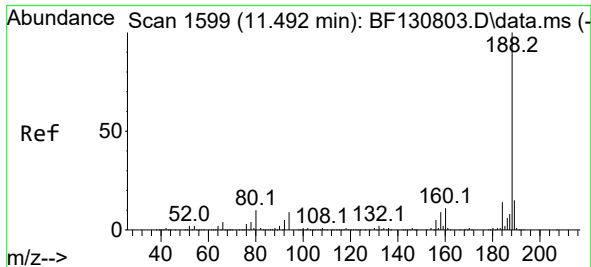
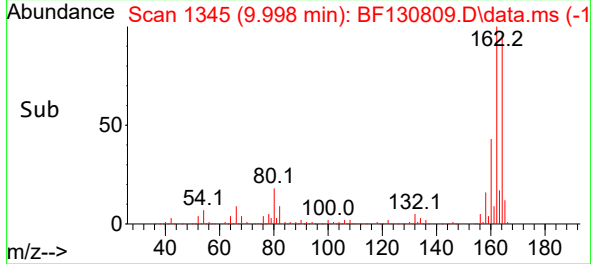
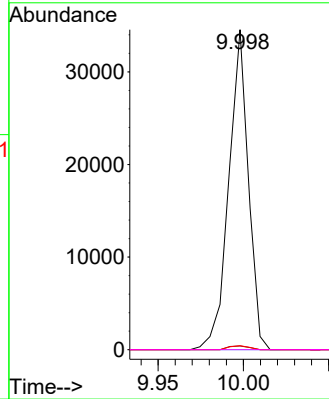
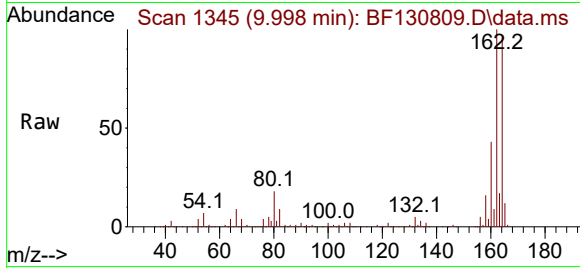




#57
2,4-Dinitrotoluene
Concen: 10.806 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

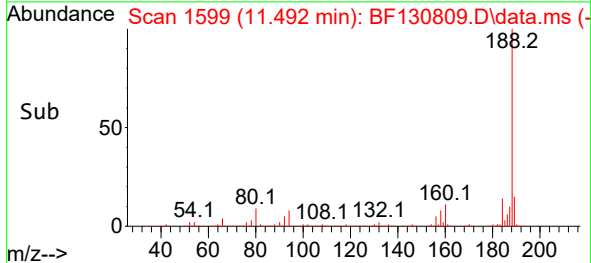
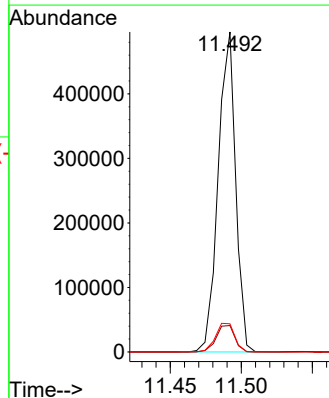
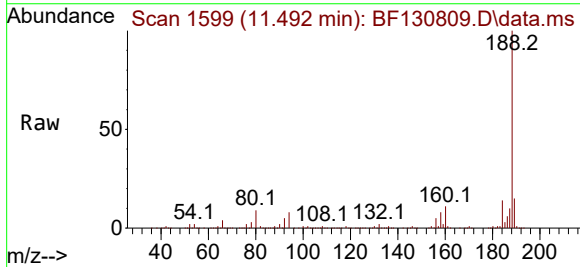
Instrument :
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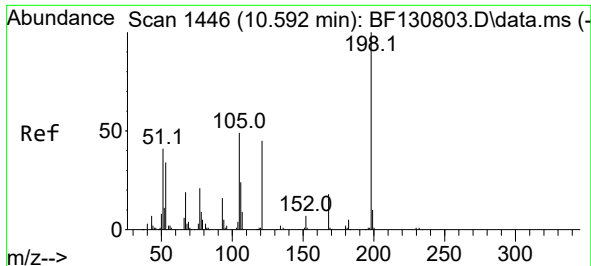
Tgt Ion:165 Resp: 27560
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.2 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

Tgt Ion:188 Resp: 423349
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 8.8 8.0 12.0

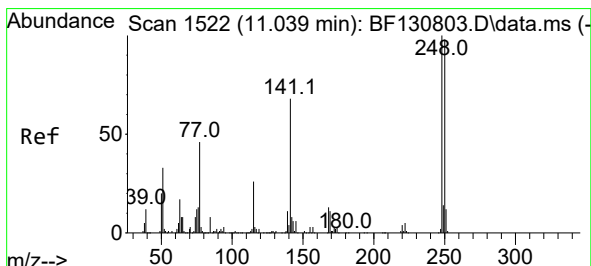
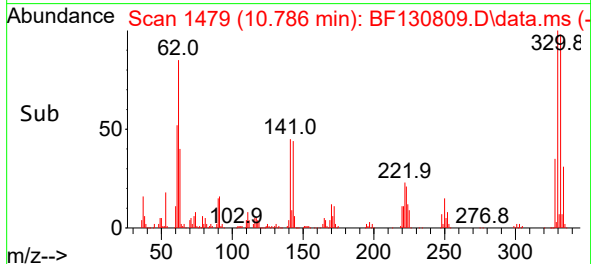
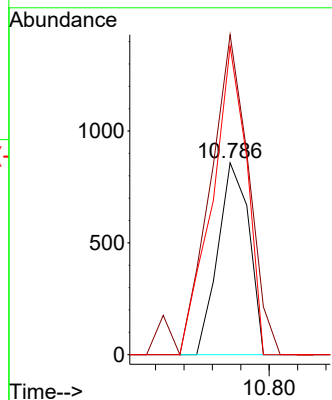
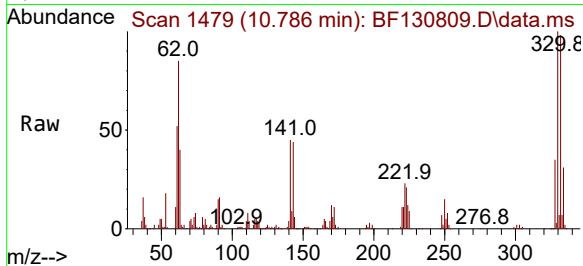




#65
4,6-Dinitro-2-methylphenol
Concen: 8.237 ng
RT: 10.786 min Scan# 1446
Delta R.T. 0.194 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

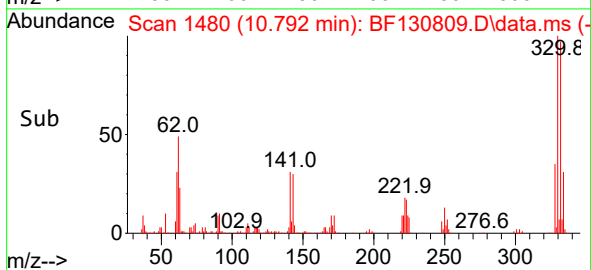
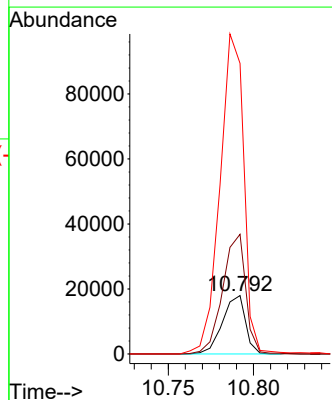
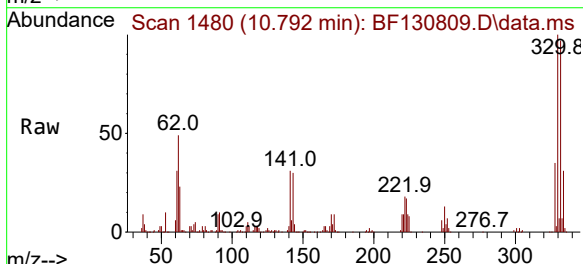
Instrument :
BNA_F
ClientSampleId :
PB148572TB

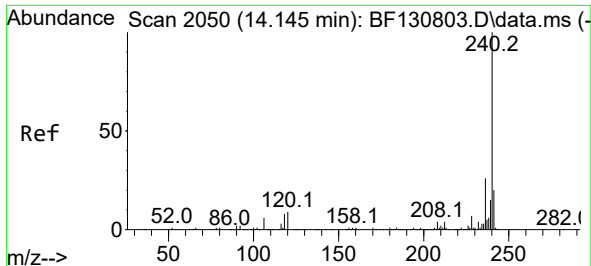
Tgt Ion:198 Resp: 654
Ion Ratio Lower Upper
198 100
51 166.8 39.0 79.0#
105 160.7 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.949 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.247 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

Tgt Ion:248 Resp: 16813
Ion Ratio Lower Upper
248 100
250 204.8 78.6 117.8#
141 496.9 54.2 81.4#

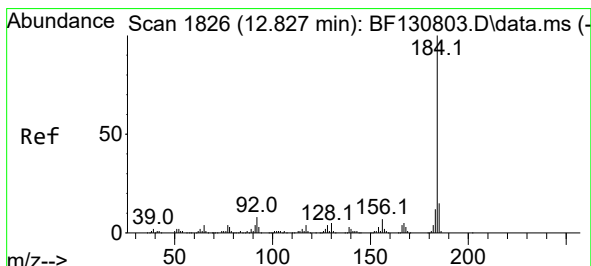
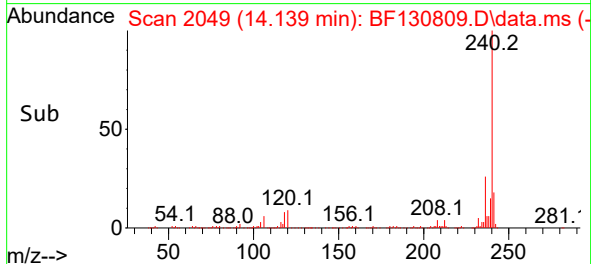
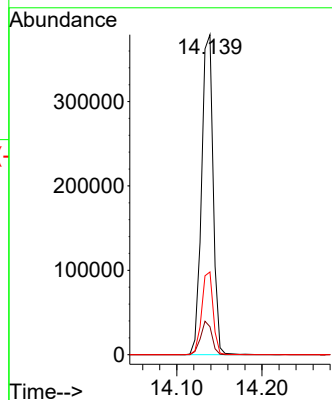
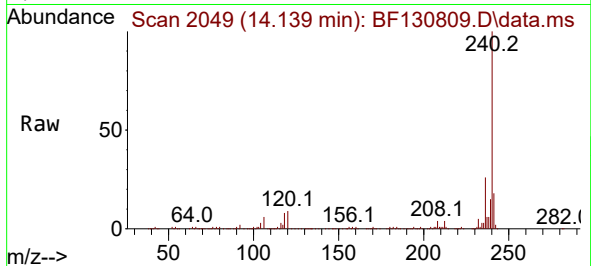




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

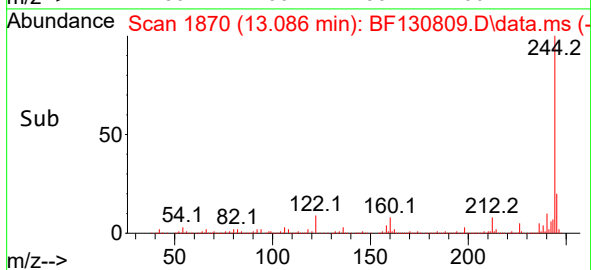
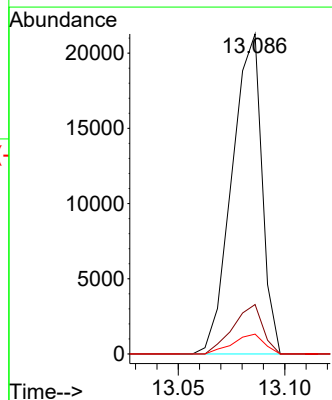
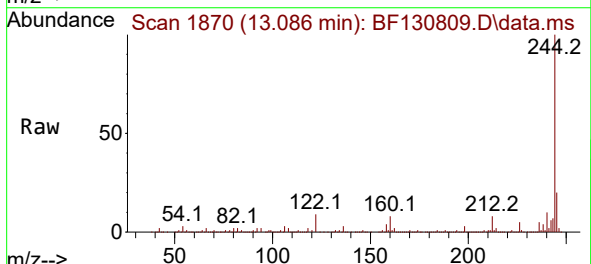
Instrument :
BNA_F
ClientSampleId :
PB148572TB

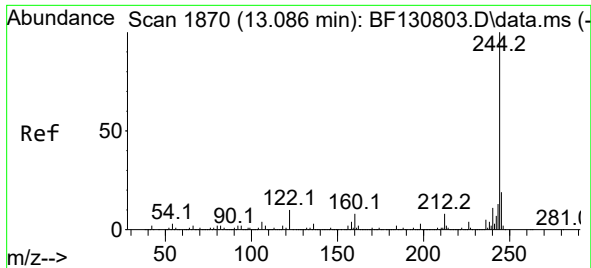
Tgt Ion:240 Resp: 357070
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.4
236 25.8 20.5 30.7



#77
Benzidine
Concen: 2.398 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.259 min
Lab File: BF130809.D
Acq: 27 Oct 2022 21:21

Tgt Ion:184 Resp: 20782
Ion Ratio Lower Upper
184 100
185 15.4 11.8 17.8
183 6.2 9.7 14.5#

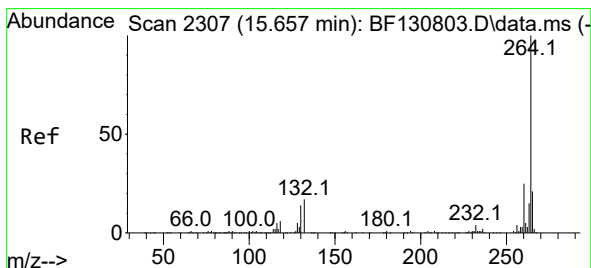
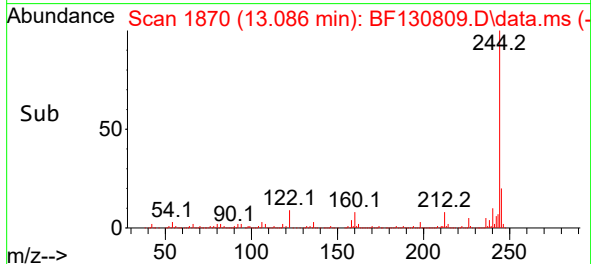
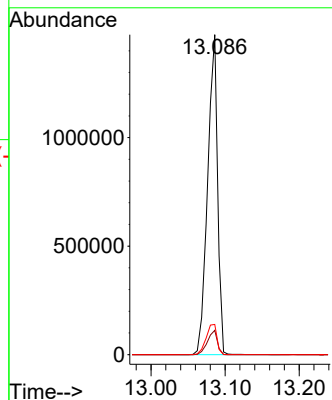
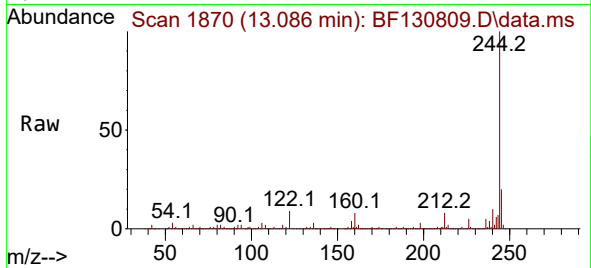




#79
 Terphenyl-d14
 Concen: 70.764 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130809.D
 Acq: 27 Oct 2022 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PB148572TB

Tgt Ion:244 Resp: 1378904
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.656 min Scan# 2307
 Delta R.T. -0.000 min
 Lab File: BF130809.D
 Acq: 27 Oct 2022 21:21

Tgt Ion:264 Resp: 265327
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.9 29.9
 265 20.9 17.0 25.6

