

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130148.D
 Acq On : 06 Sep 2022 20:52
 Operator : CG\JU
 Sample : N4501-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Quant Time: Sep 07 02:18:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

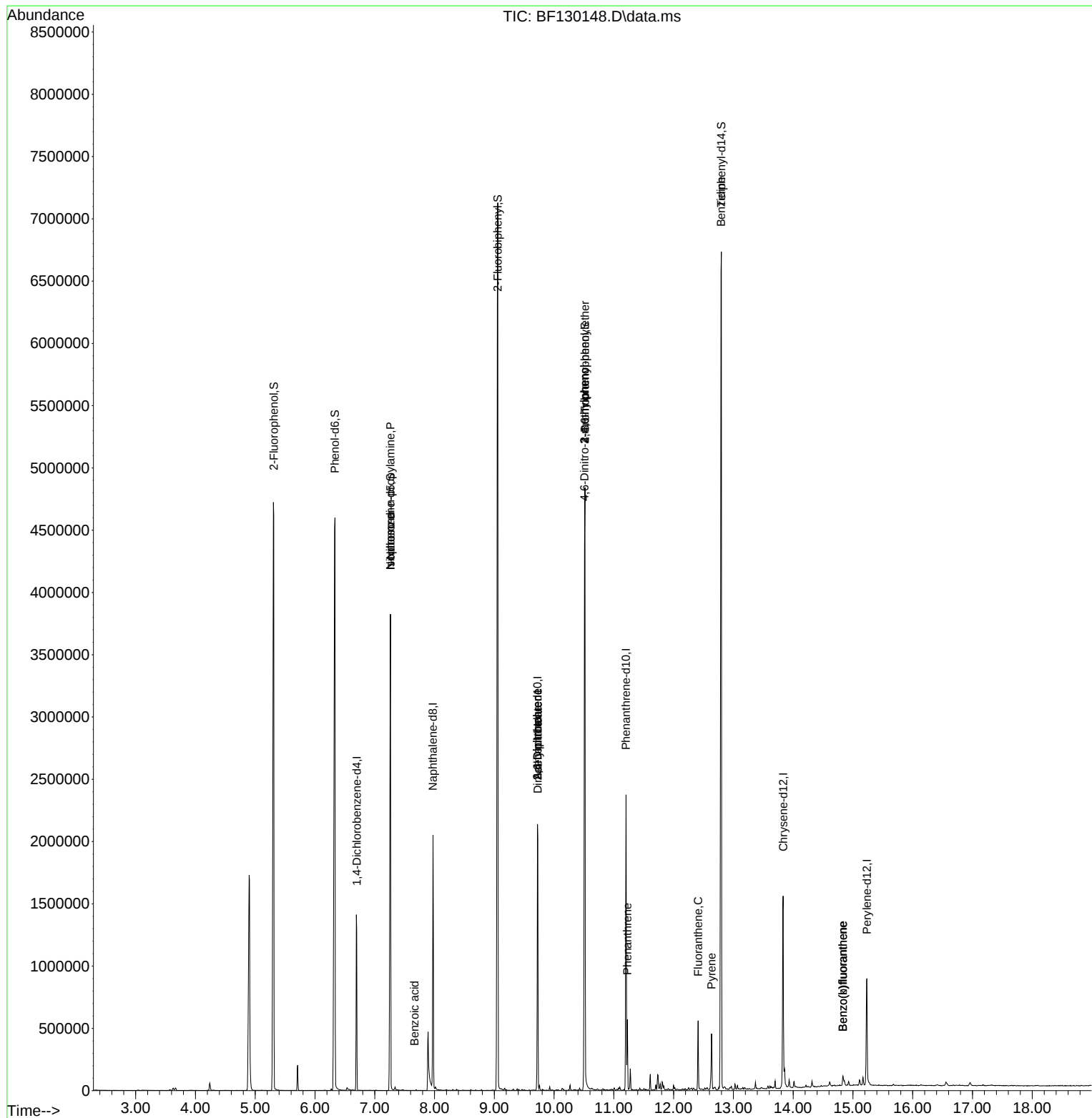
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	214105	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	848919	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	459978	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	799999	20.000	ng	0.00
76) Chrysene-d12	13.833	240	496387	20.000	ng	-0.01
86) Perylene-d12	15.233	264	372649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1765904	140.020	ng	0.01
7) Phenol-d6	6.334	99	2303411	146.497	ng	0.00
23) Nitrobenzene-d5	7.263	82	1352396	102.381	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	685081	163.618	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2454199	88.460	ng	0.00
79) Terphenyl-d14	12.798	244	2679236	93.599	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	175132	18.489	ng	# 73
25) Isophorone	7.263	82	1348251	50.428	ng	# 65
32) Benzoic acid	7.663	122	54	6.577	ng	# 80
50) Dimethylphthalate	9.727	163	86771	2.770	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	61200	10.019	ng	# 22
57) 2,4-Dinitrotoluene	9.722	165	61200	8.702	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.510	198	1488	6.425	ng	# 1
67) 4-Bromophenyl-phenylether	10.516	248	40254	4.524	ng	# 1
71) Phenanthrene	11.227	178	181089	4.174	ng	99
75) Fluoranthene	12.410	202	195773	4.551	ng	98
77) Benzidine	12.792	184	37477	2.796	ng	# 93
78) Pyrene	12.633	202	165831	3.725	ng	99
88) Benzo(b)fluoranthene	14.833	252	54624	2.198	ng	# 96
89) Benzo(k)fluoranthene	14.833	252	54624	2.273	ng	# 97

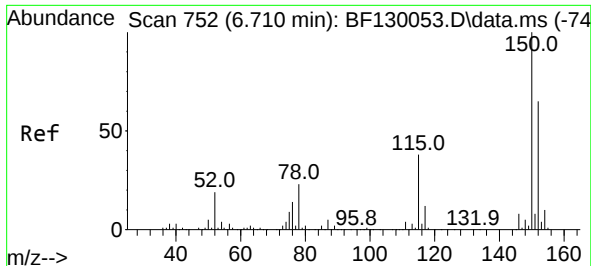
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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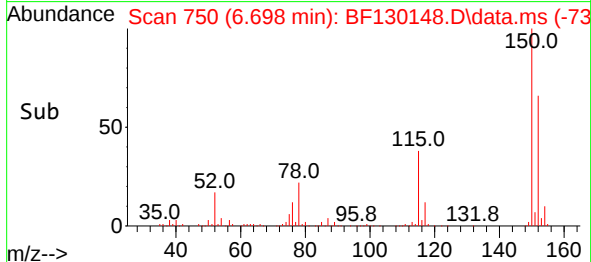
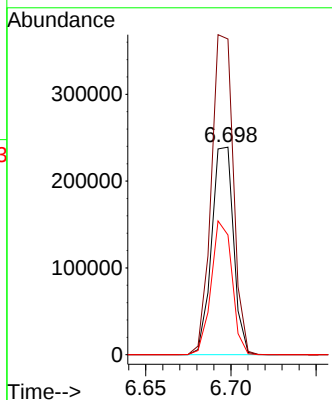
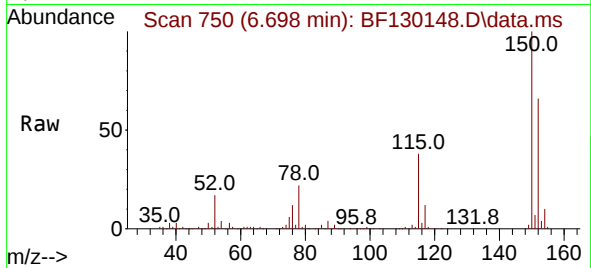




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130148.D
 Acq: 06 Sep 2022 20:52

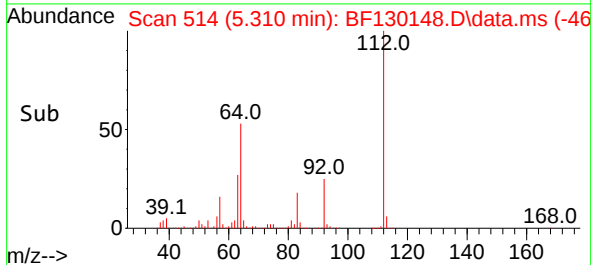
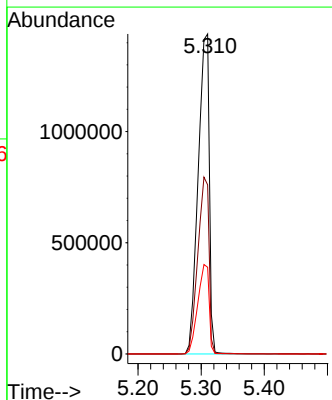
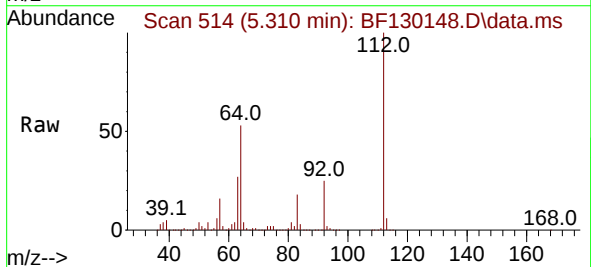
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tgt Ion:152 Resp: 214105
 Ion Ratio Lower Upper
 152 100
 150 152.1 126.9 190.3
 115 57.7 53.4 80.0



#5
 2-Fluorophenol
 Concen: 140.020 ng
 RT: 5.310 min Scan# 514
 Delta R.T. 0.012 min
 Lab File: BF130148.D
 Acq: 06 Sep 2022 20:52

Tgt Ion:112 Resp: 1765904
 Ion Ratio Lower Upper
 112 100
 64 52.9 47.6 71.4
 63 27.1 24.6 37.0

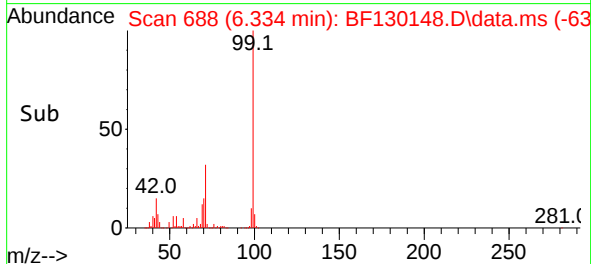
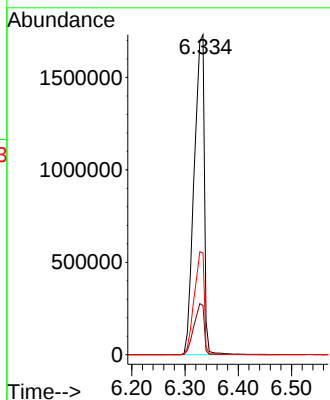
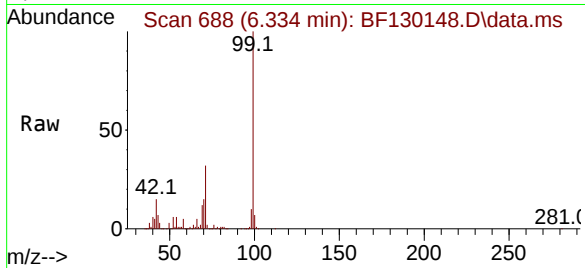




#7
Phenol-d6
Concen: 146.497 ng
RT: 6.334 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

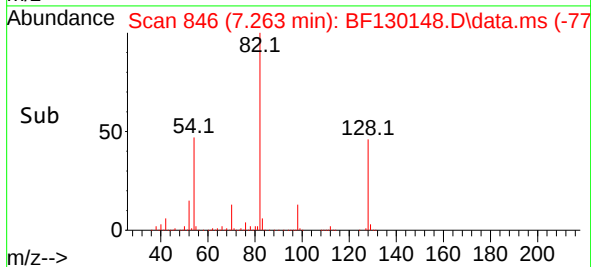
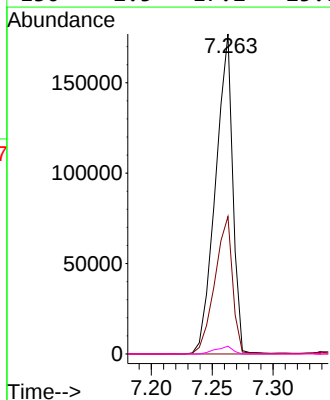
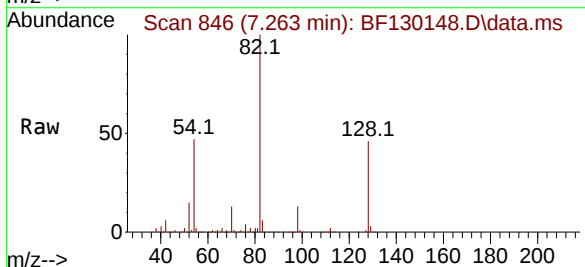
Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

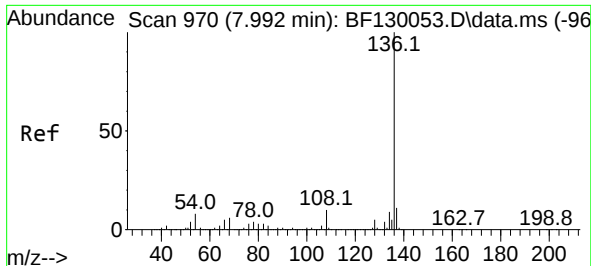
Tgt Ion: 99 Resp: 2303411
Ion Ratio Lower Upper
99 100
42 15.4 15.0 22.4
71 31.8 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.489 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

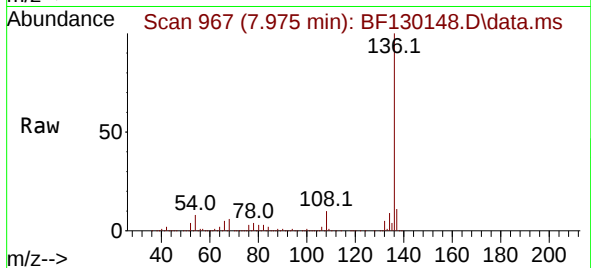
Tgt Ion: 70 Resp: 175132
Ion Ratio Lower Upper
70 100
42 42.9 47.6 71.4#
101 0.0 8.1 12.1#
130 2.5 17.2 25.8#



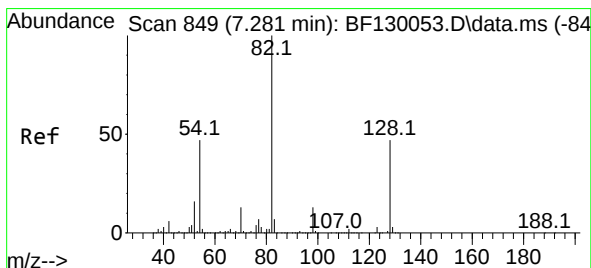
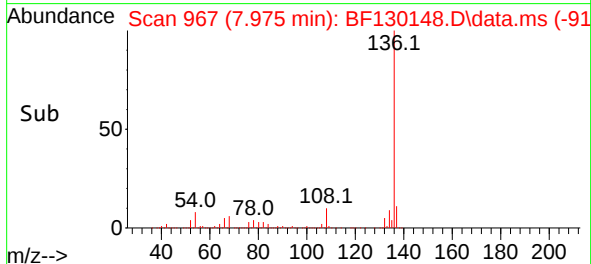
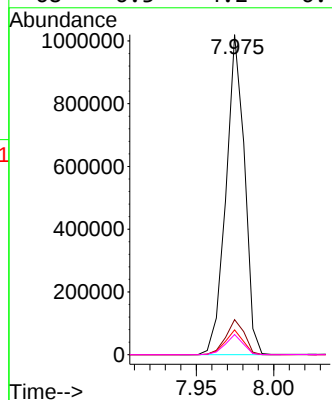


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

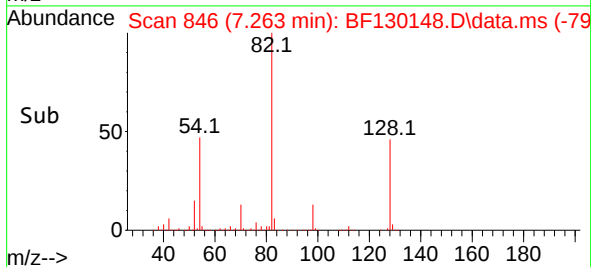
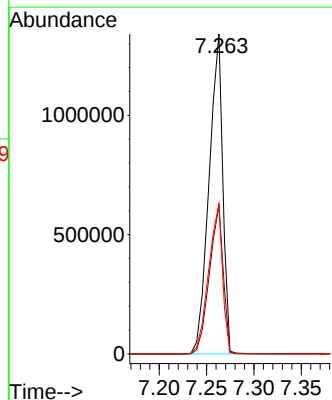
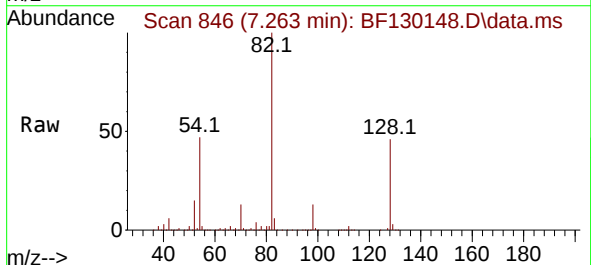


Tgt Ion:136 Resp: 848919
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.7 6.2 9.2
68 6.3 4.2 6.4



#23
Nitrobenzene-d5
Concen: 102.381 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

Tgt Ion: 82 Resp: 1352396
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 46.9 40.0 60.0

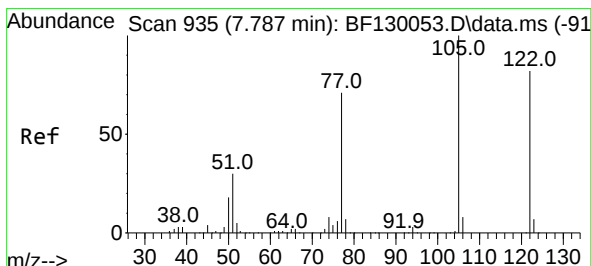
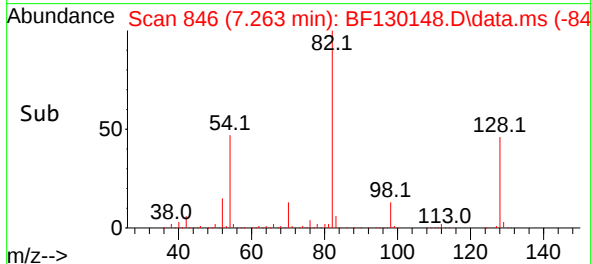
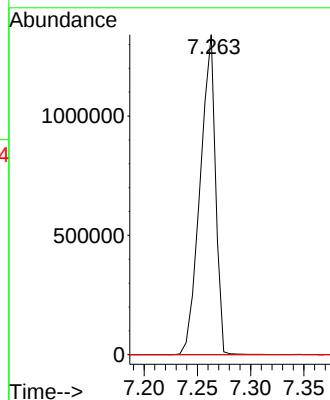
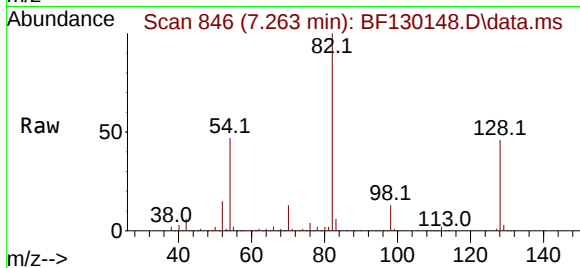




#25
Isophorone
Concen: 50.428 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

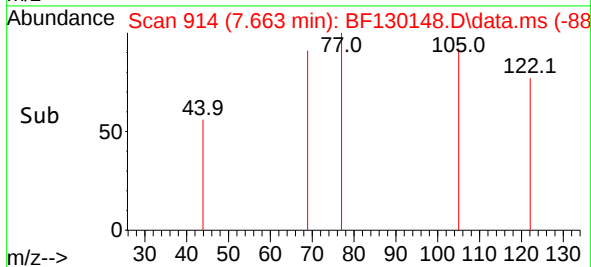
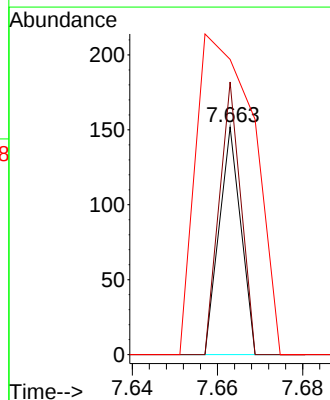
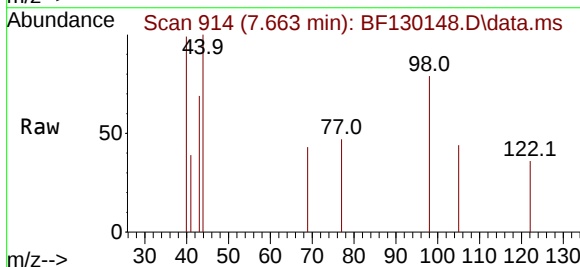
Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tgt Ion: 82 Resp: 1348251
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.577 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.106 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

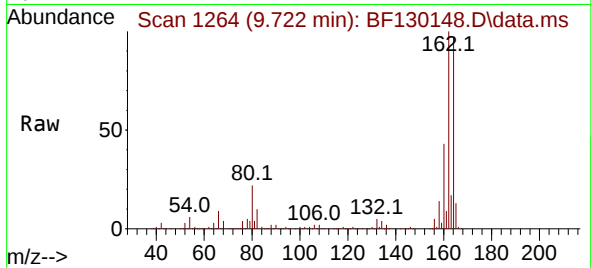
Tgt Ion: 122 Resp: 54
Ion Ratio Lower Upper
122 100
105 119.7 99.9 139.9
77 129.6 65.9 105.9#



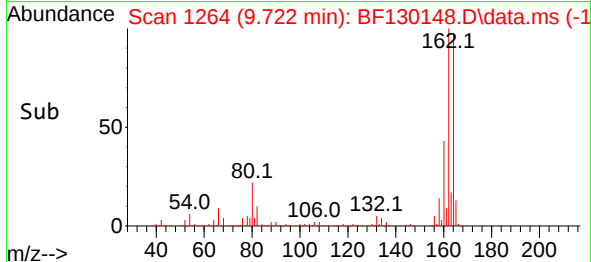
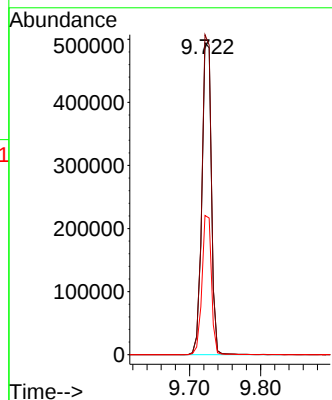


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

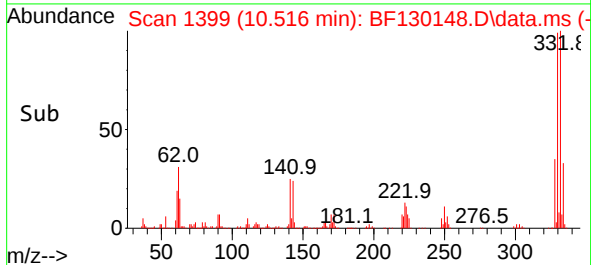
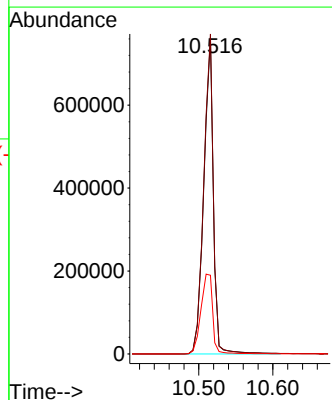
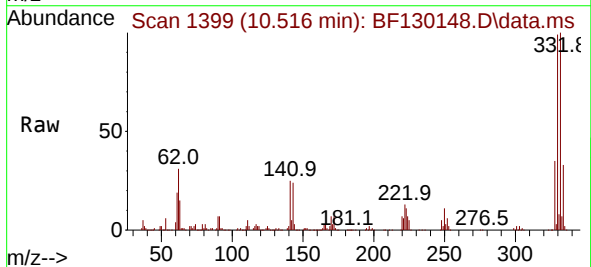


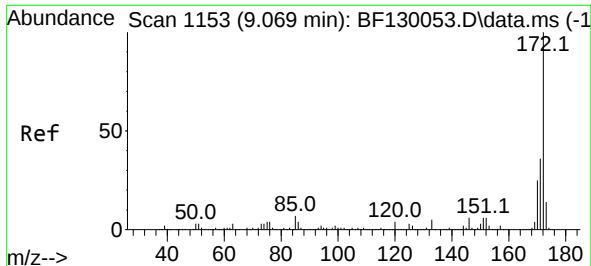
Tgt Ion:164 Resp: 459978
Ion Ratio Lower Upper
164 100
162 102.6 82.0 123.0
160 44.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 163.618 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

Tgt Ion:330 Resp: 685081
Ion Ratio Lower Upper
330 100
332 102.5 82.6 124.0
141 31.3 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 88.460 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130148.D

Acq: 06 Sep 2022 20:52

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

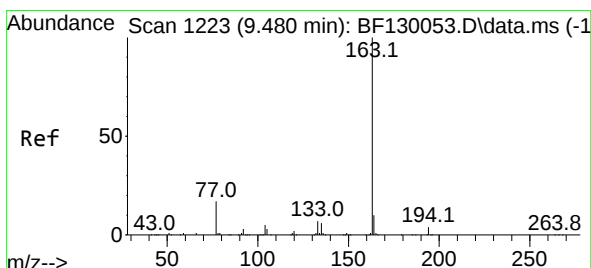
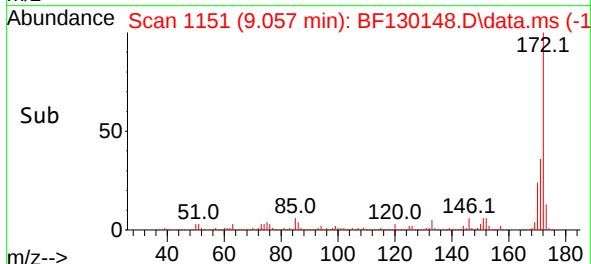
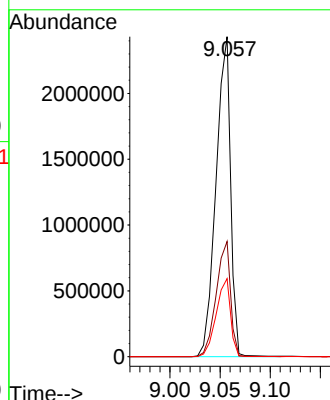
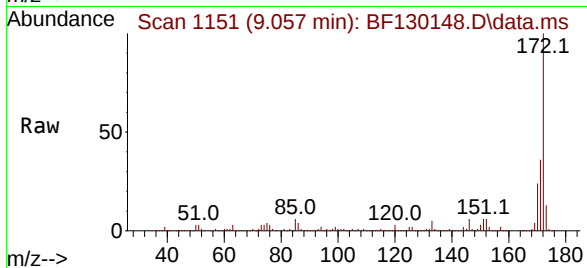
Tgt Ion:172 Resp: 2454199

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 24.4 19.1 28.7



#50

Dimethylphthalate

Concen: 2.770 ng

RT: 9.727 min Scan# 1265

Delta R.T. 0.259 min

Lab File: BF130148.D

Acq: 06 Sep 2022 20:52

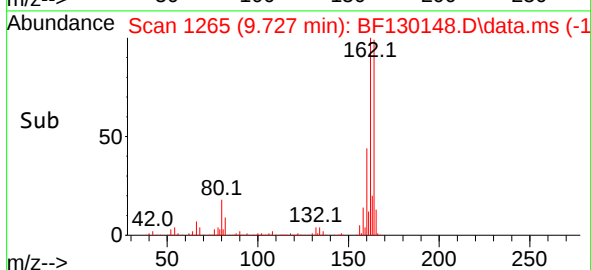
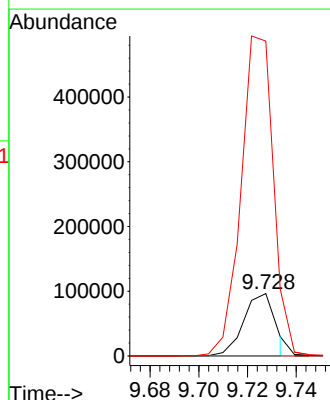
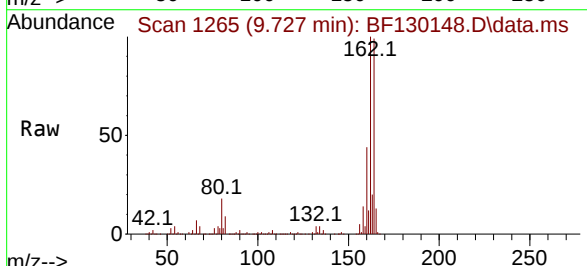
Tgt Ion:163 Resp: 86771

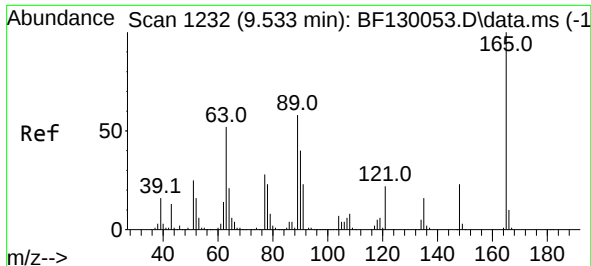
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 504.4 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 10.019 ng

RT: 9.722 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF130148.D

Acq: 06 Sep 2022 20:52

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SB-15-COMP

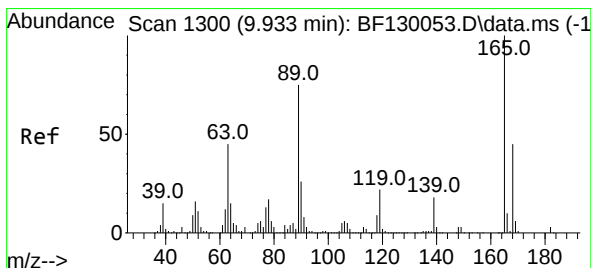
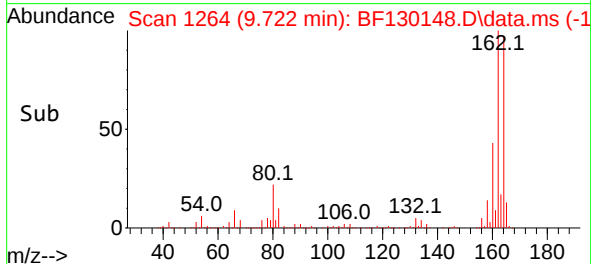
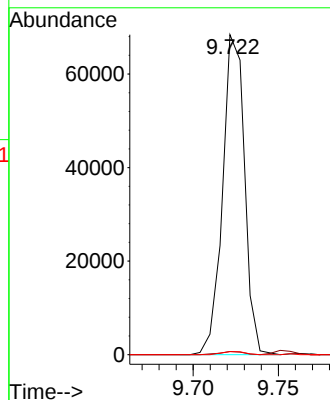
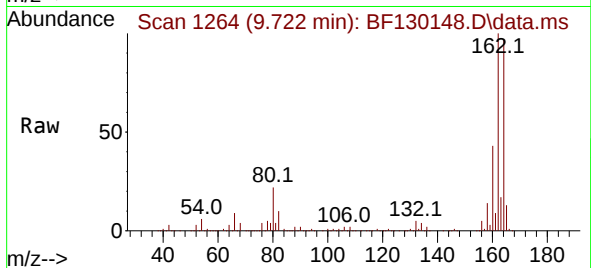
Tgt Ion:165 Resp: 61200

Ion Ratio Lower Upper

165 100

63 1.0 47.8 71.8#

89 0.9 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.702 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.200 min

Lab File: BF130148.D

Acq: 06 Sep 2022 20:52

Tgt Ion:165 Resp: 61200

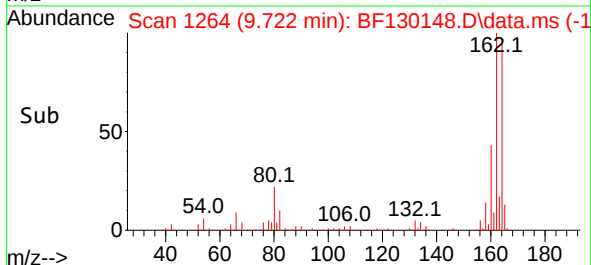
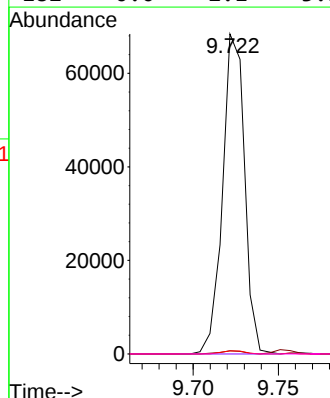
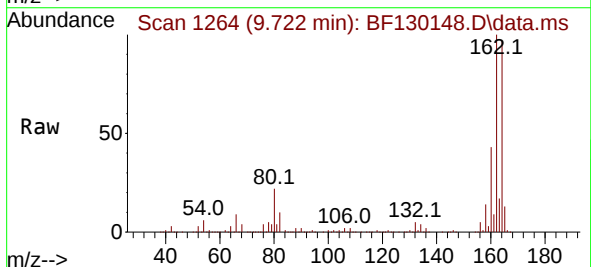
Ion Ratio Lower Upper

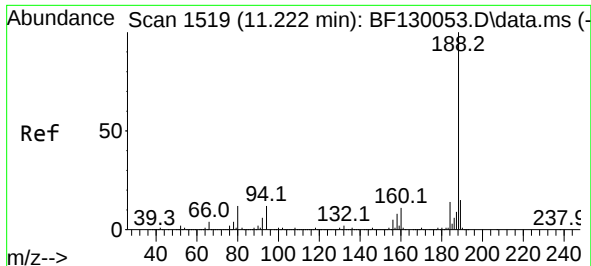
165 100

63 1.0 48.4 72.6#

89 0.9 62.3 93.5#

182 0.0 2.1 3.1#

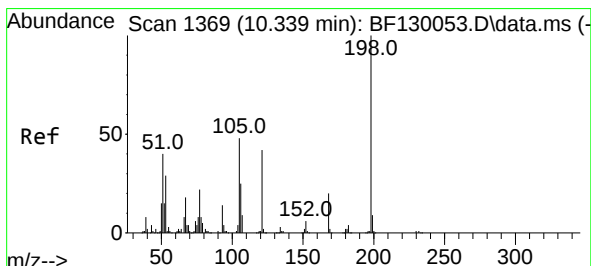
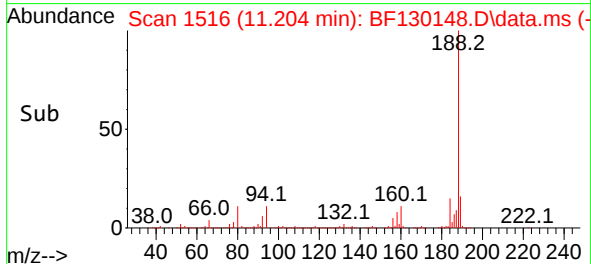
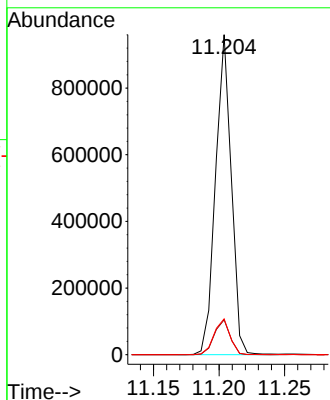
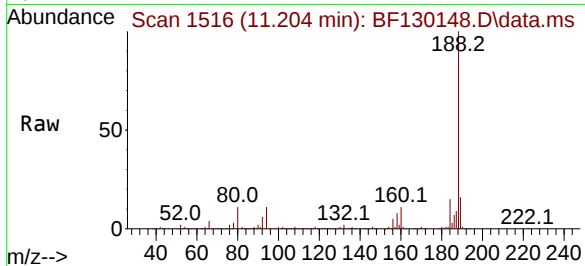




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

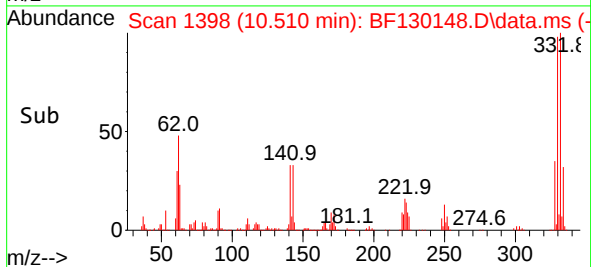
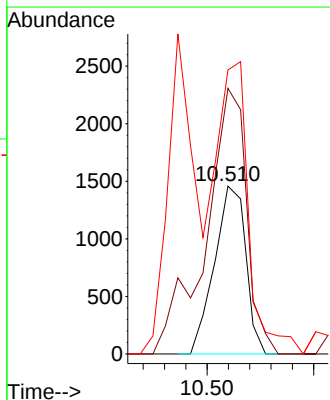
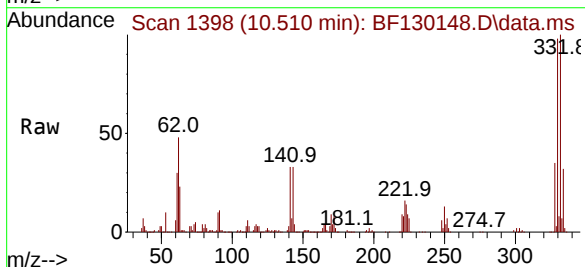
Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

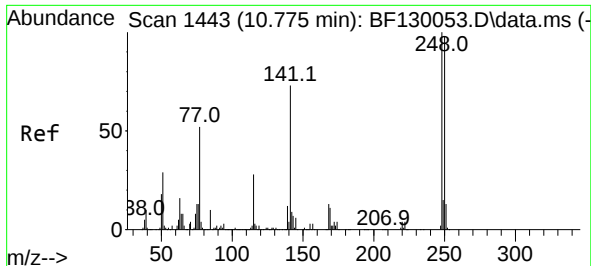
Tgt Ion:188 Resp: 799999
Ion Ratio Lower Upper
188 100
94 10.9 7.4 11.2
80 11.2 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.425 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.182 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

Tgt Ion:198 Resp: 1488
Ion Ratio Lower Upper
198 100
51 158.1 29.4 69.4#
105 169.2 29.2 69.2#

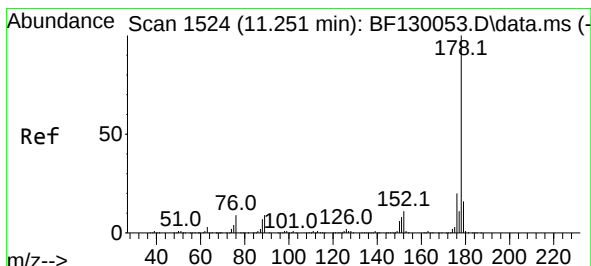
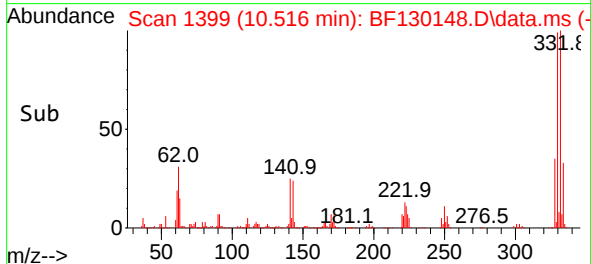
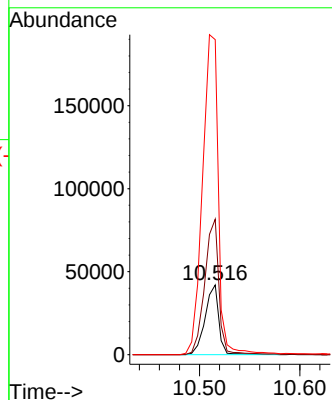
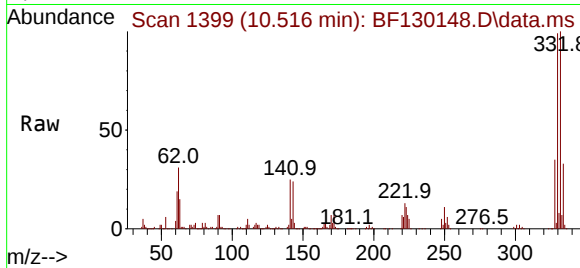




#67
4-Bromophenyl-phenylether
Concen: 4.524 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

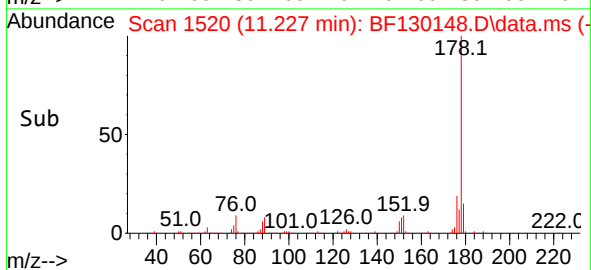
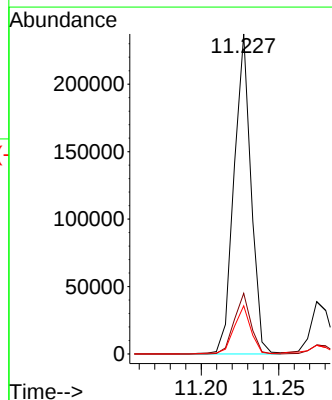
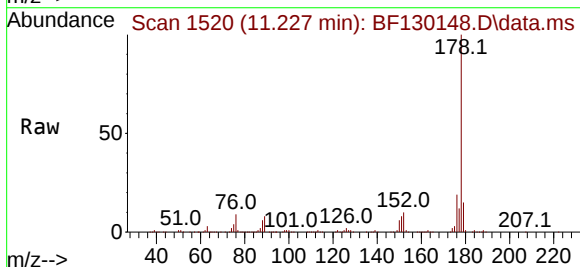
Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

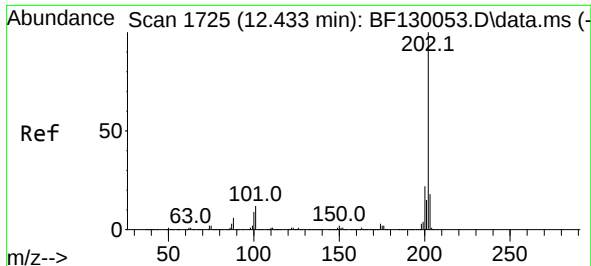
Tgt Ion:248 Resp: 40254
Ion Ratio Lower Upper
248 100
250 194.1 77.8 116.6#
141 451.0 66.2 99.2#



#71
Phenanthrene
Concen: 4.174 ng
RT: 11.227 min Scan# 1520
Delta R.T. -0.012 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

Tgt Ion:178 Resp: 181089
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.0 12.5 18.7

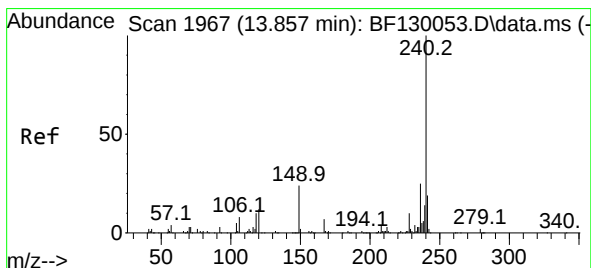
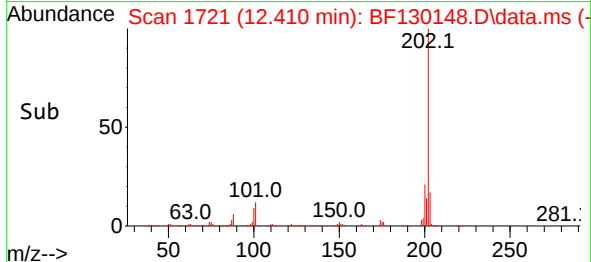
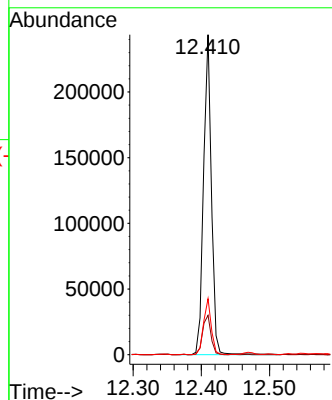
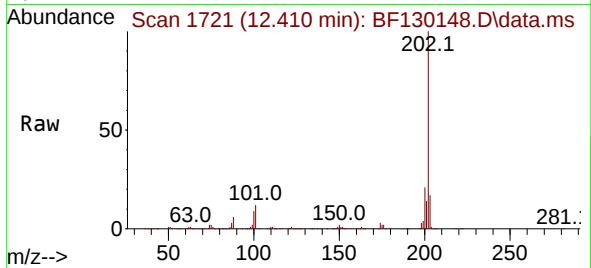




#75
Fluoranthene
Concen: 4.551 ng
RT: 12.410 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

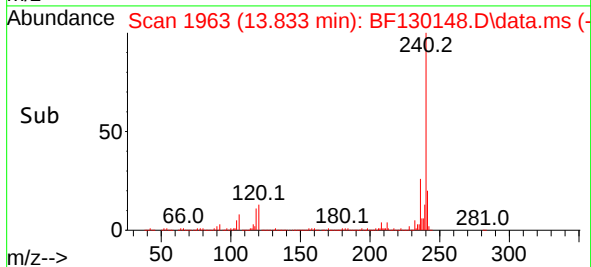
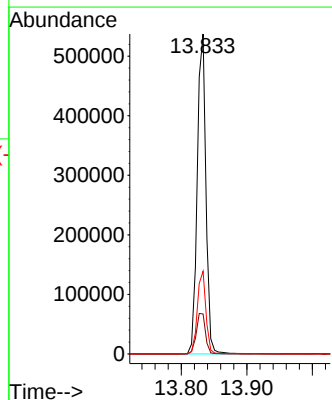
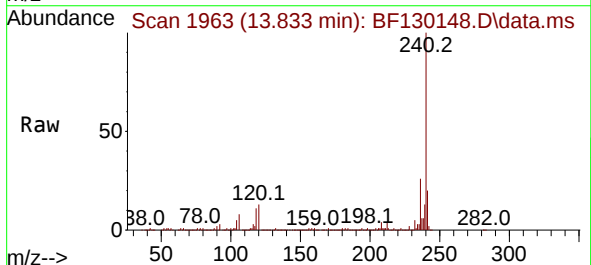
Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

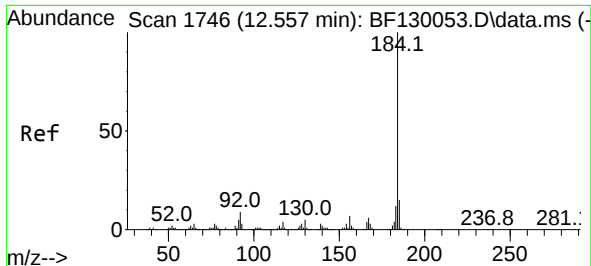
Tgt Ion:202 Resp: 195773
Ion Ratio Lower Upper
202 100
101 12.3 0.0 30.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

Tgt Ion:240 Resp: 496387
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 25.9 20.7 31.1

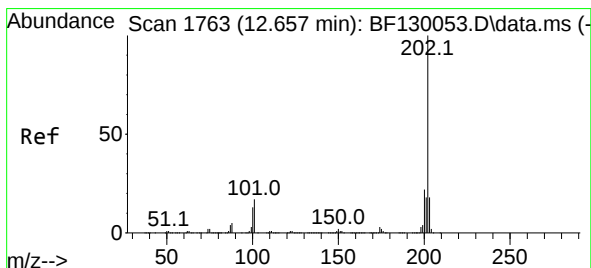
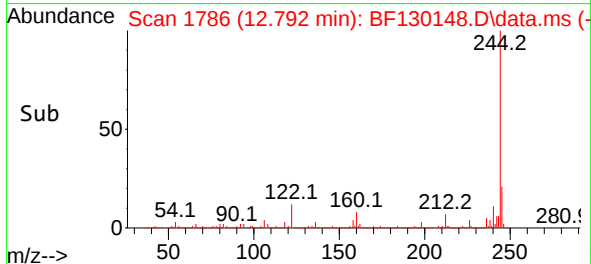
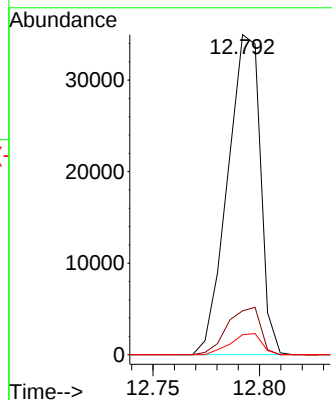
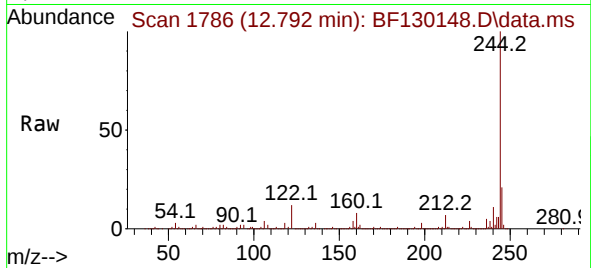




#77
Benzidine
Concen: 2.796 ng
RT: 12.792 min Scan# 1786
Delta R.T. 0.247 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

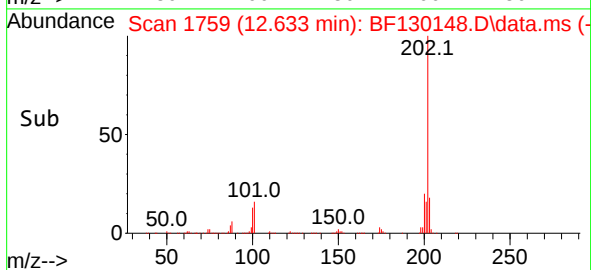
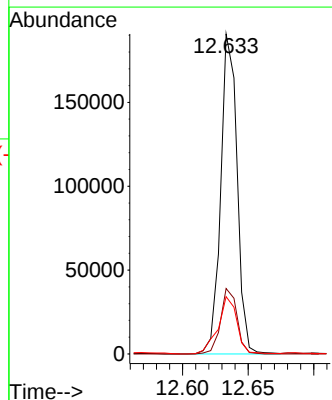
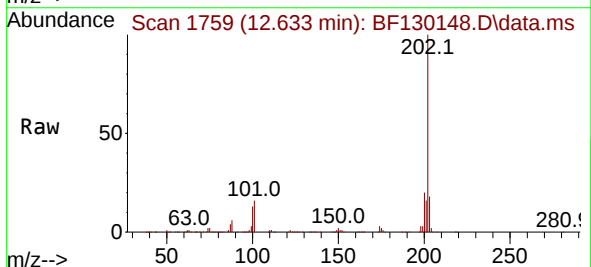
Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

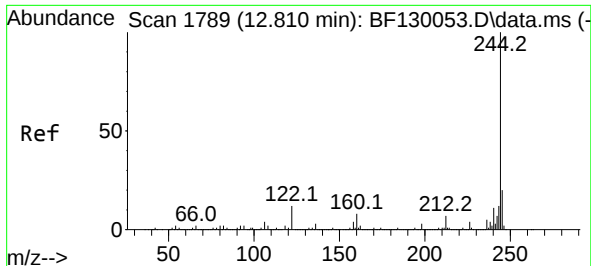
Tgt Ion:184 Resp: 37477
Ion Ratio Lower Upper
184 100
185 13.7 11.4 17.2
183 6.3 9.4 14.2#



#78
Pyrene
Concen: 3.725 ng
RT: 12.633 min Scan# 1759
Delta R.T. -0.018 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

Tgt Ion:202 Resp: 165831
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.6
203 17.9 14.1 21.1

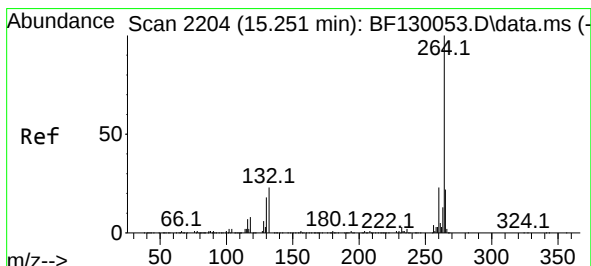
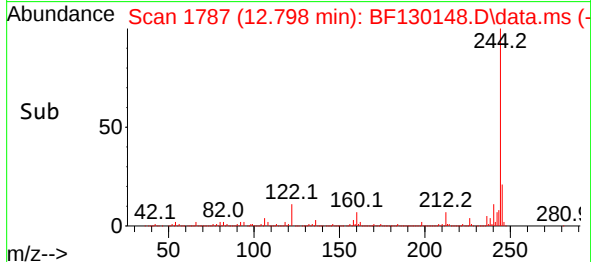
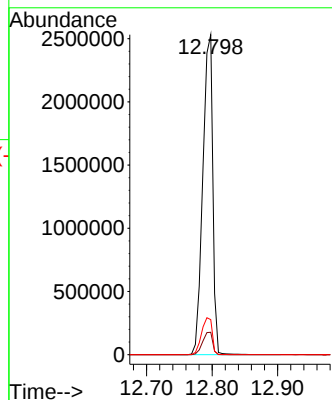
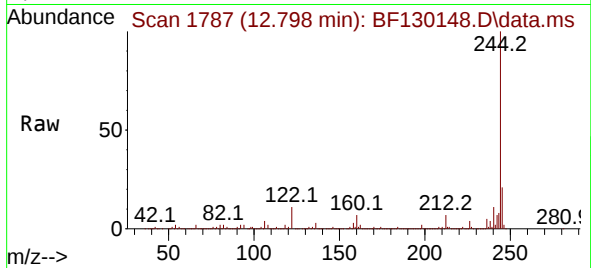




#79
 Terphenyl-d14
 Concen: 93.599 ng
 RT: 12.798 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130148.D
 Acq: 06 Sep 2022 20:52

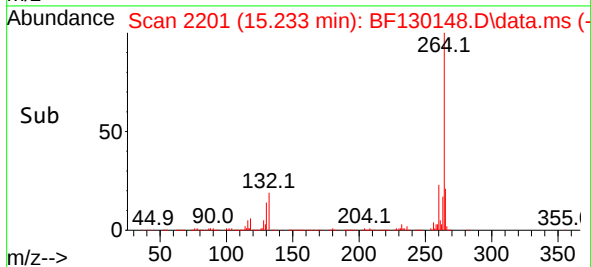
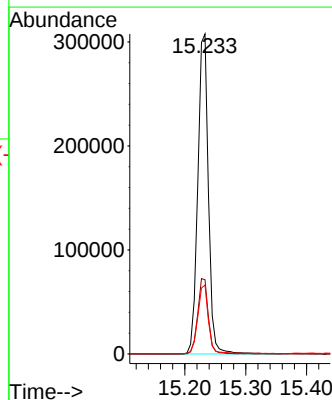
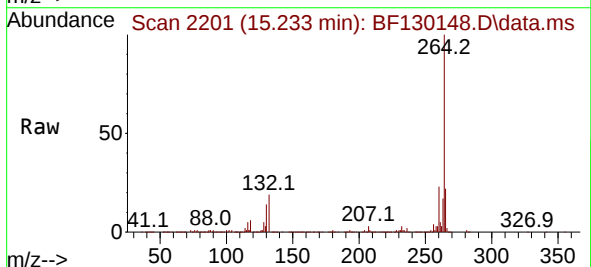
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

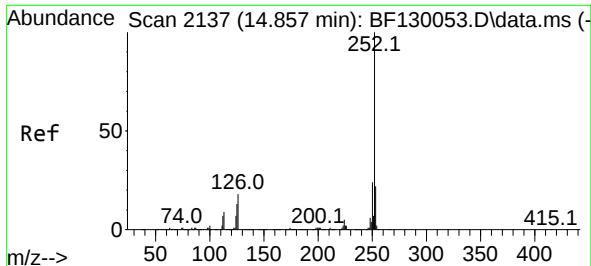
Tgt Ion:244 Resp: 2679236
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.0 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF130148.D
 Acq: 06 Sep 2022 20:52

Tgt Ion:264 Resp: 372649
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.5 16.7 25.1

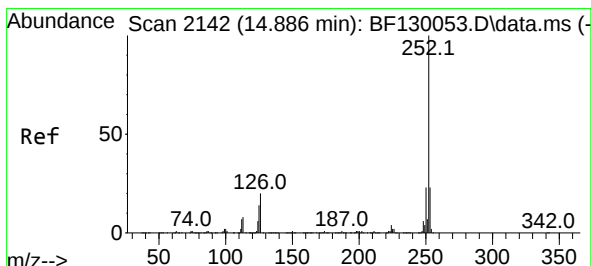
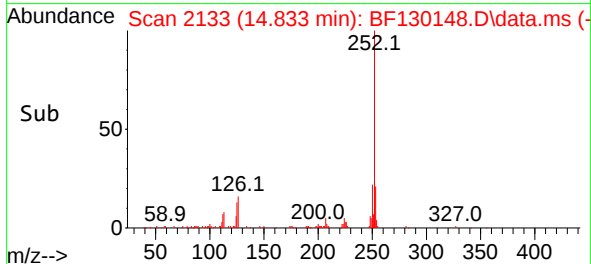
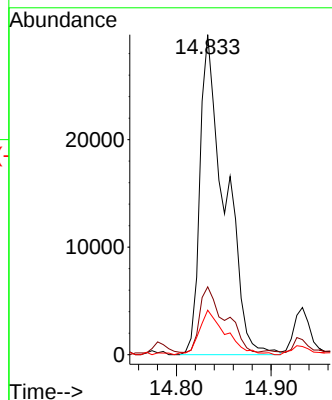
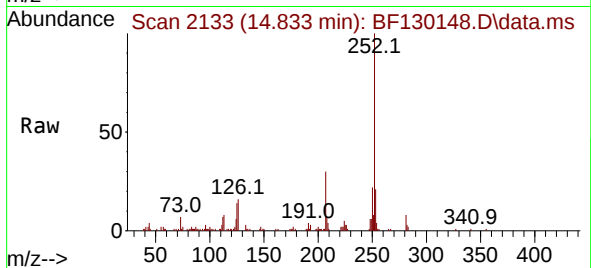




#88
Benzo(b)fluoranthene
Concen: 2.198 ng
RT: 14.833 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tgt Ion:252 Resp: 54624
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 13.9 8.3 12.5#



#89
Benzo(k)fluoranthene
Concen: 2.273 ng
RT: 14.833 min Scan# 2133
Delta R.T. -0.041 min
Lab File: BF130148.D
Acq: 06 Sep 2022 20:52

Tgt Ion:252 Resp: 54624
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 13.9 8.3 12.5#

