

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130303.D
 Acq On : 16 Sep 2022 22:01
 Operator : CG\JU
 Sample : N4628-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-54

Quant Time: Sep 17 03:31:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 03:22:32 2022
 Response via : Initial Calibration

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

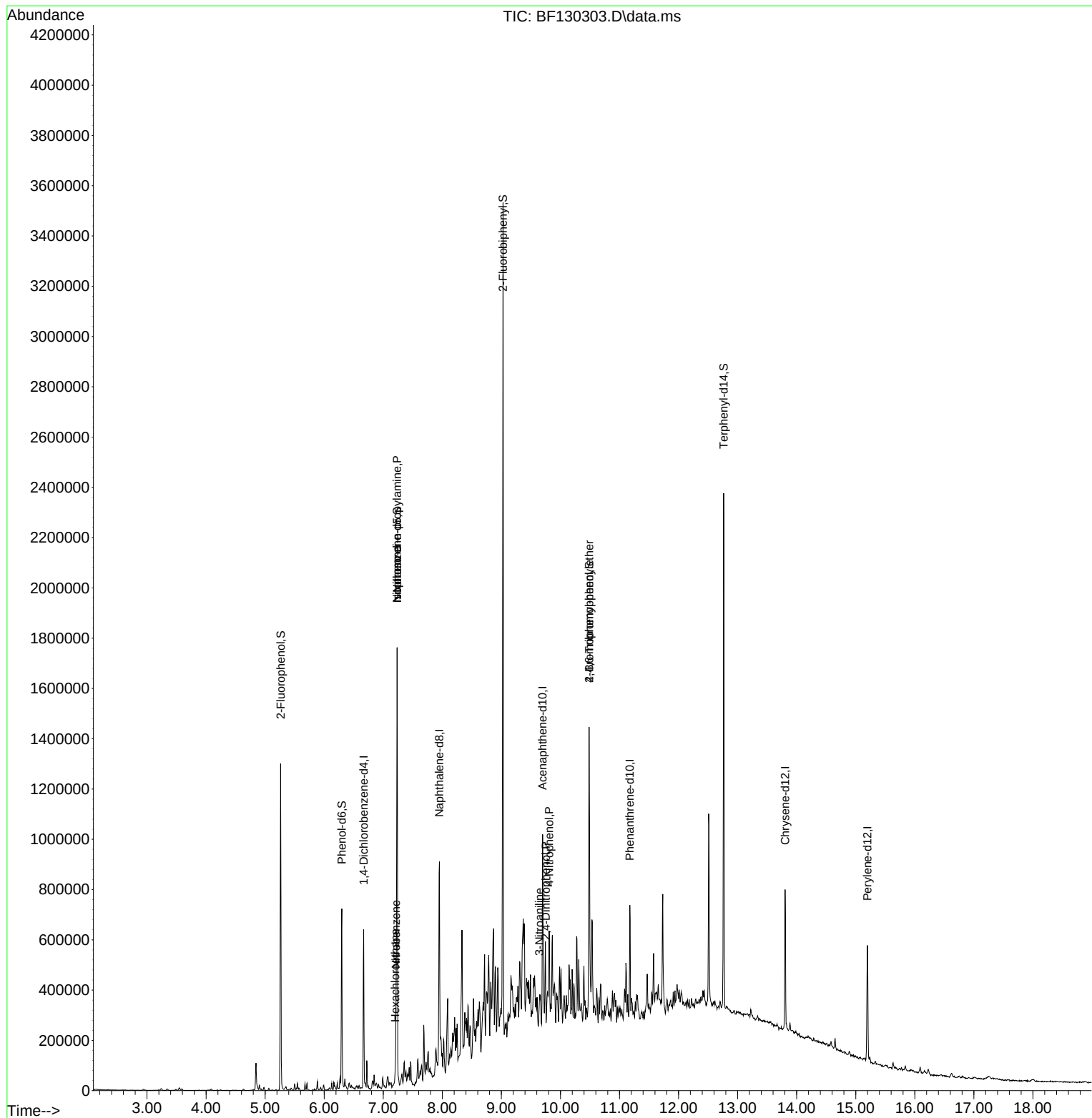
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	80693	20.000	ng	0.00
21) Naphthalene-d8	7.951	136	281672	20.000	ng	0.00
39) Acenaphthene-d10	9.698	164	120063	20.000	ng	0.00
64) Phenanthrene-d10	11.174	188	155466	20.000	ng	0.00
76) Chrysene-d12	13.804	240	160023	20.000	ng	0.00
86) Perylene-d12	15.198	264	195955	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	322404	69.299	ng	0.00
7) Phenol-d6	6.298	99	236579	40.641	ng	0.00
23) Nitrobenzene-d5	7.234	82	538553	97.681	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	158605	137.866	ng	0.00
45) 2-Fluorobiphenyl	9.027	172	851919	103.325	ng	0.00
79) Terphenyl-d14	12.763	244	654393	67.740	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.204	117	5099	2.175	ng	# 1
19) n-Nitroso-di-n-propyla...	7.234	70	77635	19.765	ng	# 76
24) Nitrobenzene	7.216	77	11757	2.100	ng	# 49
25) Isophorone	7.234	82	532788	59.956	ng	# 66
53) 3-Nitroaniline	9.645	138	9155	4.737	ng	# 3
54) 2,4-Dinitrophenol	9.751	184	294	6.542	ng	# 1
56) 4-Nitrophenol	9.810	139	6166	4.380	ng	# 1
67) 4-Bromophenyl-phenylether	10.486	248	10300	6.006	ng	# 1

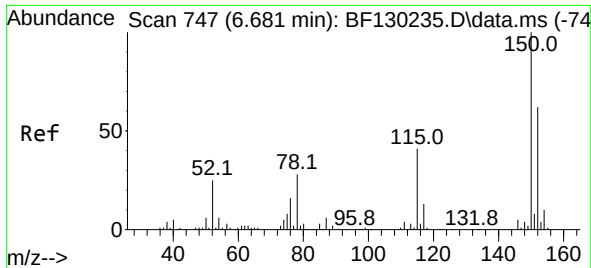
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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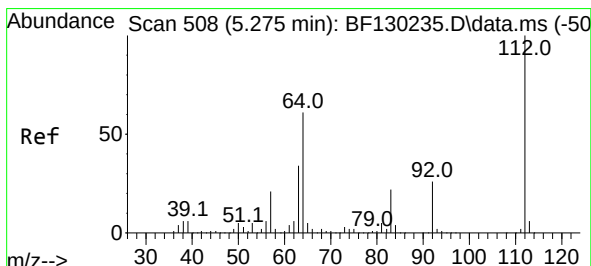
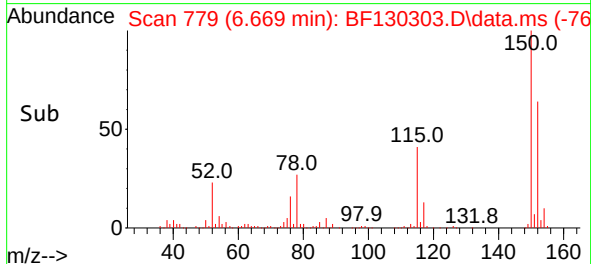
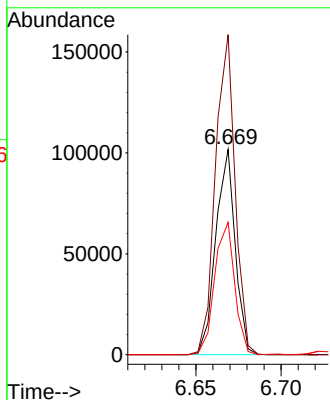
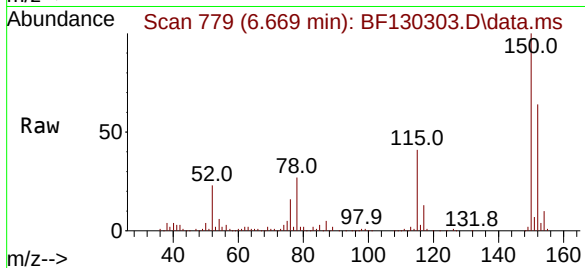




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130303.D
Acq: 16 Sep 2022 22:01

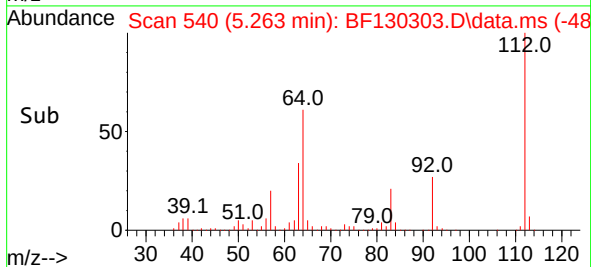
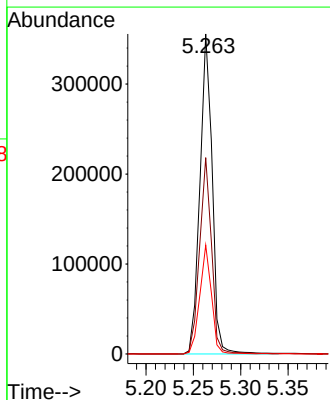
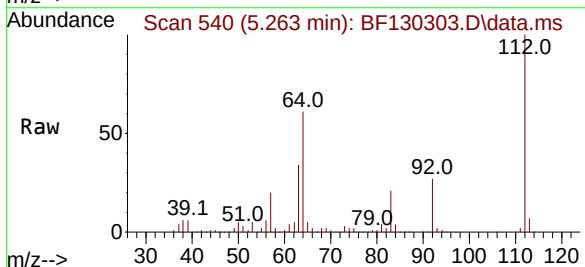
Instrument :
BNA_F
ClientSampleId :
HW-54

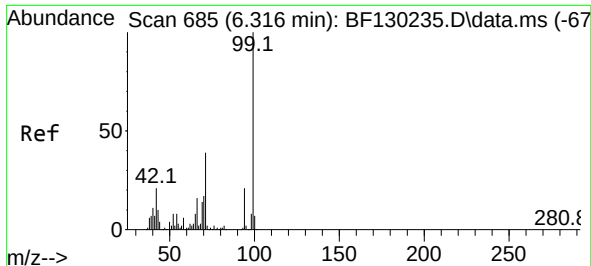
Tgt Ion:152 Resp: 80693
Ion Ratio Lower Upper
152 100
150 155.9 122.8 184.2
115 64.5 53.8 80.8



#5
2-Fluorophenol
Concen: 69.299 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF130303.D
Acq: 16 Sep 2022 22:01

Tgt Ion:112 Resp: 322404
Ion Ratio Lower Upper
112 100
64 61.3 51.4 77.0
63 34.0 28.8 43.2

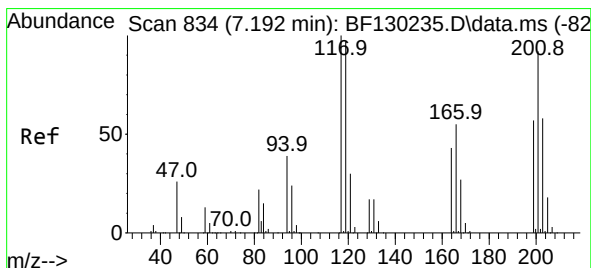
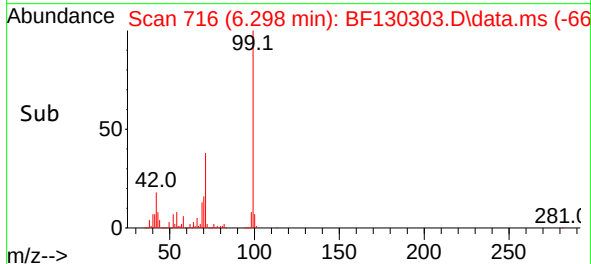
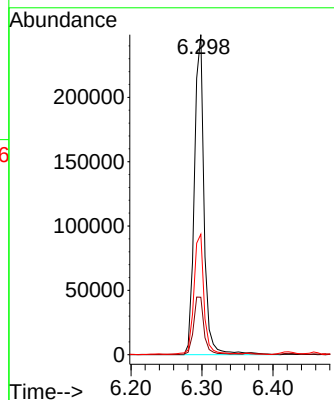
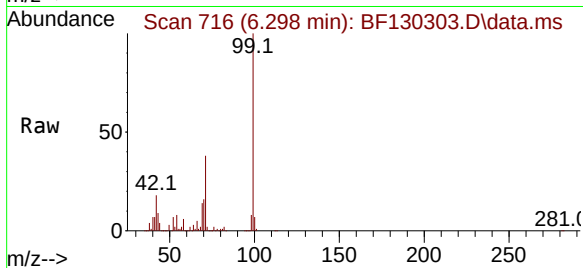




#7
Phenol-d6
Concen: 40.641 ng
RT: 6.298 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130303.D
Acq: 16 Sep 2022 22:01

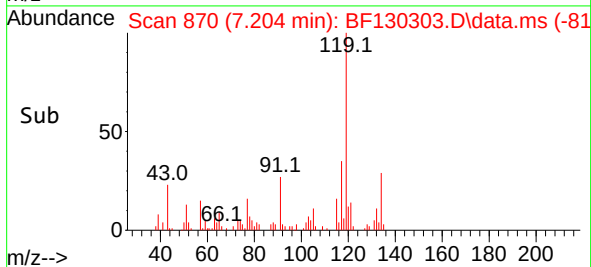
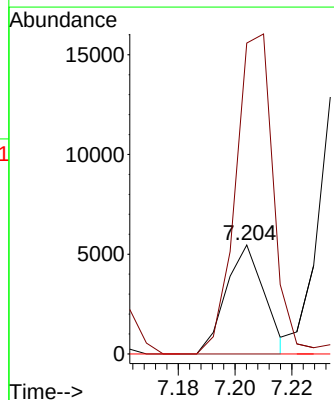
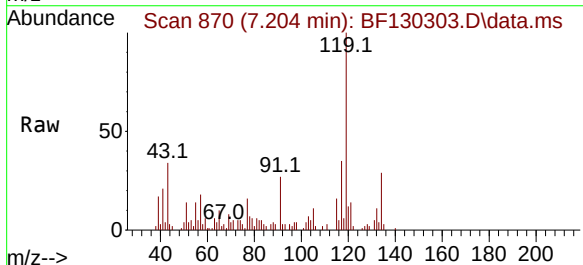
Instrument :
BNA_F
ClientSampleId :
HW-54

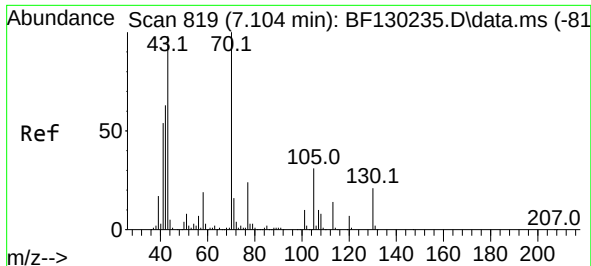
Tgt Ion: 99 Resp: 236579
Ion Ratio Lower Upper
99 100
42 18.0 17.0 25.6
71 37.6 32.3 48.5



#18
Hexachloroethane
Concen: 2.175 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.024 min
Lab File: BF130303.D
Acq: 16 Sep 2022 22:01

Tgt Ion: 117 Resp: 5099
Ion Ratio Lower Upper
117 100
119 285.3 77.8 116.6#
201 0.0 68.7 103.1#

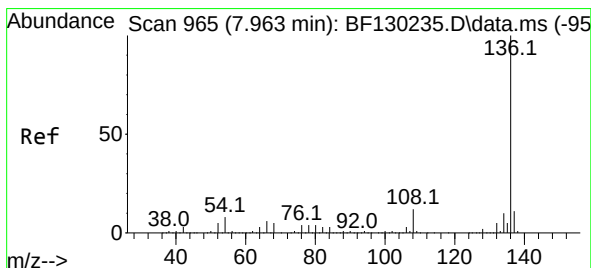
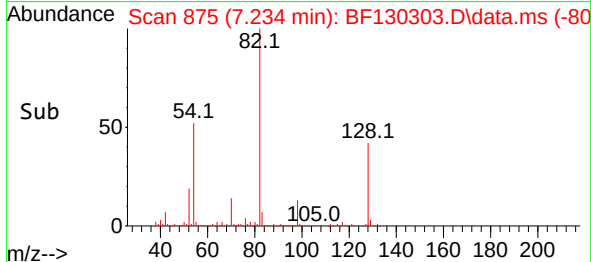
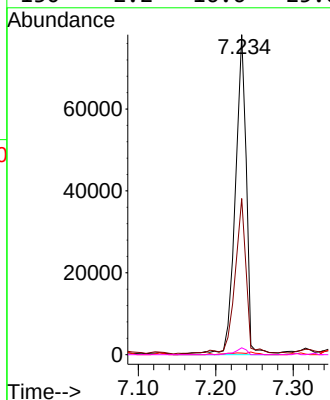
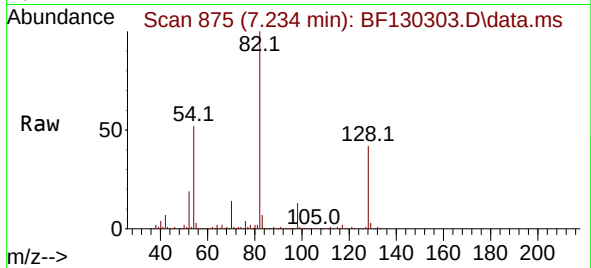




#19
n-Nitroso-di-n-propylamine
Concen: 19.765 ng
RT: 7.234 min Scan# 819
Delta R.T. 0.135 min
Lab File: BF130303.D
Acq: 16 Sep 2022 22:01

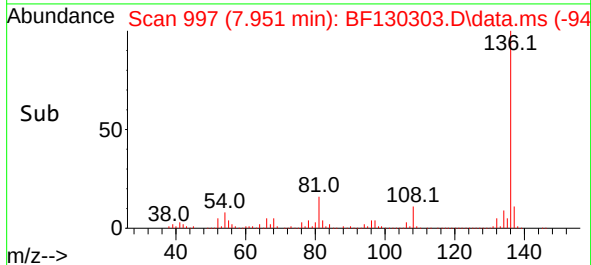
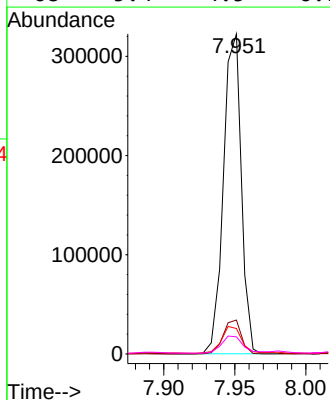
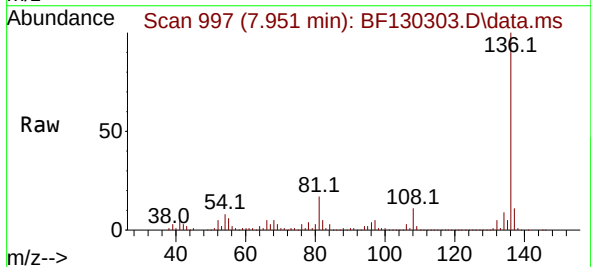
Instrument :
BNA_F
ClientSampleId :
HW-54

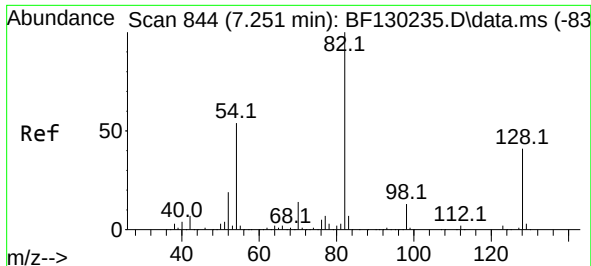
Tgt Ion: 70 Resp: 77635
Ion Ratio Lower Upper
70 100
42 48.8 50.8 76.2#
101 0.5 8.2 12.4#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF130303.D
Acq: 16 Sep 2022 22:01

Tgt Ion:136 Resp: 281672
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 8.0 7.1 10.7
68 5.4 4.5 6.7

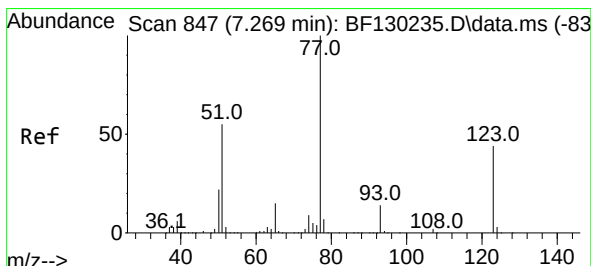
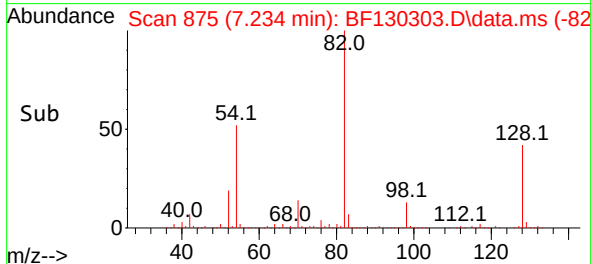
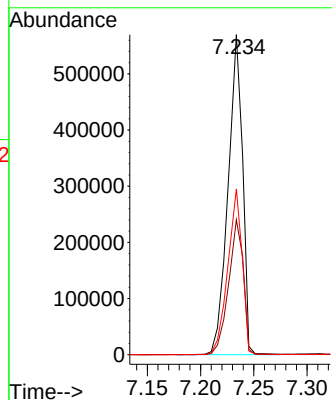
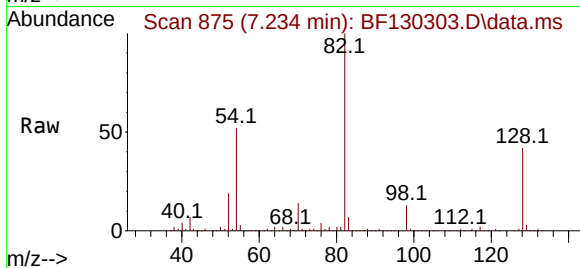




#23
Nitrobenzene-d5
Concen: 97.681 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130303.D
Acq: 16 Sep 2022 22:01

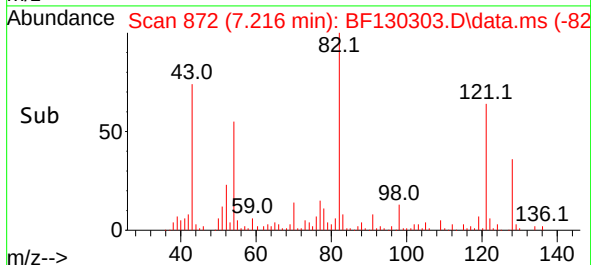
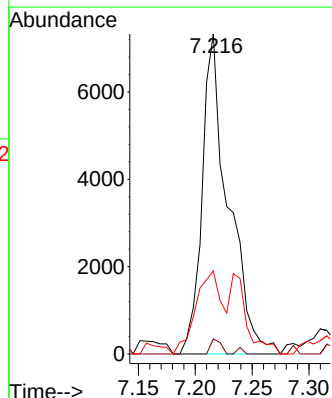
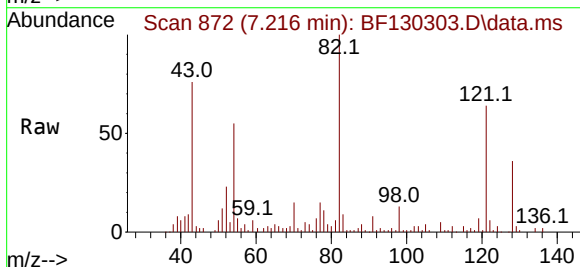
Instrument :
BNA_F
ClientSampleId :
HW-54

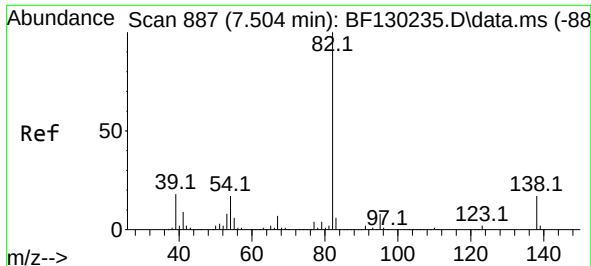
Tgt Ion: 82 Resp: 538553
Ion Ratio Lower Upper
82 100
128 42.1 32.6 49.0
54 51.8 43.8 65.6



#24
Nitrobenzene
Concen: 2.100 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.041 min
Lab File: BF130303.D
Acq: 16 Sep 2022 22:01

Tgt Ion: 77 Resp: 11757
Ion Ratio Lower Upper
77 100
123 4.7 34.3 51.5#
65 25.9 12.0 18.0#

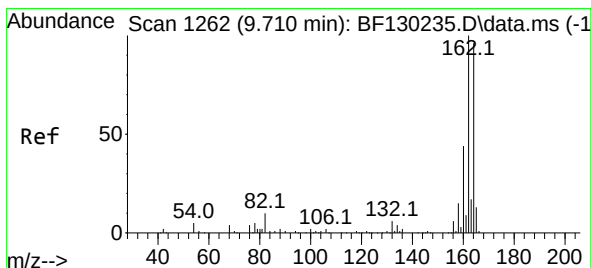
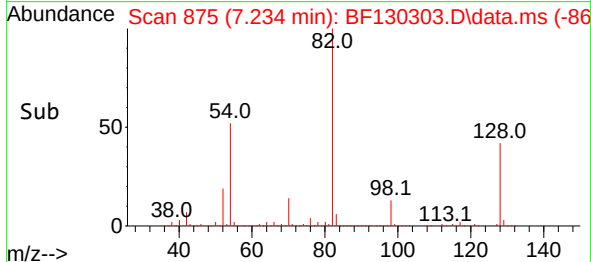
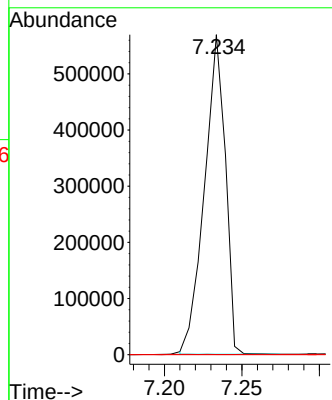
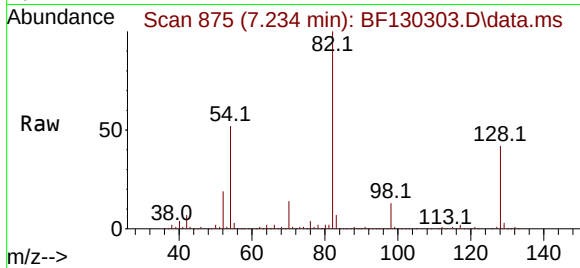




#25
Isophorone
Concen: 59.956 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130303.D
Acq: 16 Sep 2022 22:01

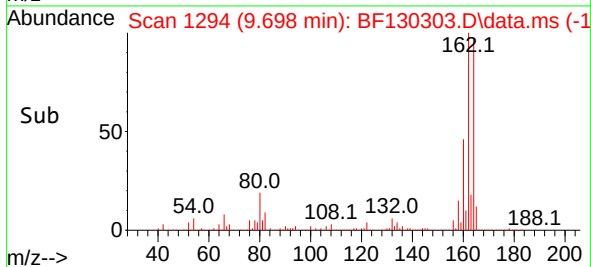
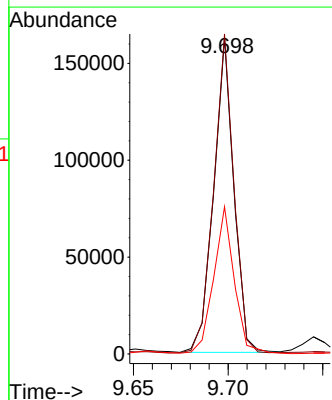
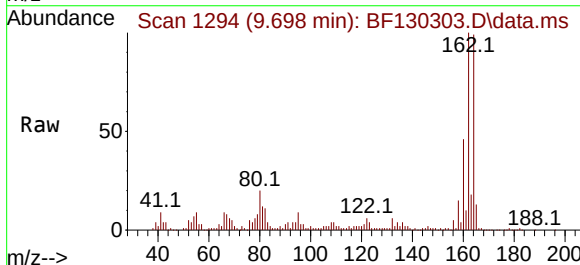
Instrument :
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ClientSampleId :
HW-54

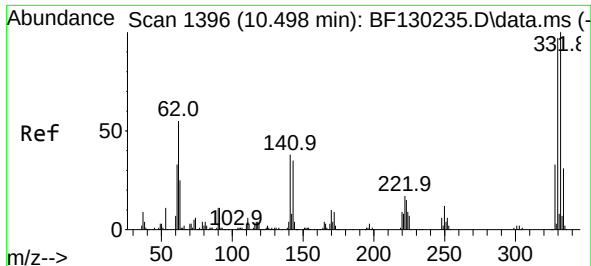
Tgt Ion: 82 Resp: 532788
Ion Ratio Lower Upper
82 100
95 0.1 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF130303.D
Acq: 16 Sep 2022 22:01

Tgt Ion: 164 Resp: 120063
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 46.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 137.866 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF130303.D

Acq: 16 Sep 2022 22:01

Instrument :

BNA_F

ClientSampleId :

HW-54

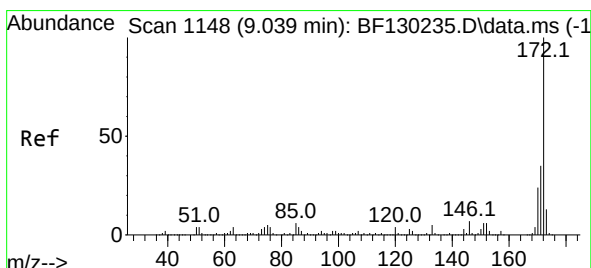
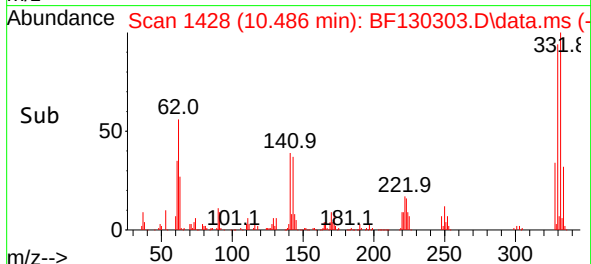
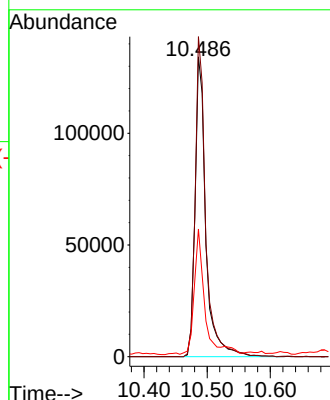
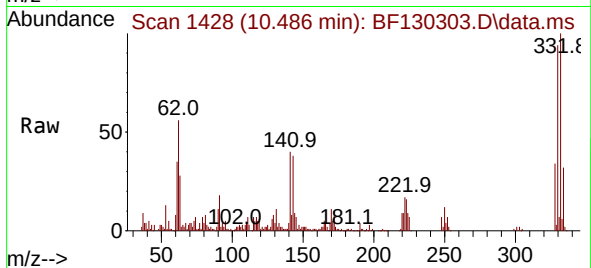
Tgt Ion:330 Resp: 158605

Ion Ratio Lower Upper

330 100

332 104.3 83.4 125.2

141 38.4 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 103.325 ng

RT: 9.027 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF130303.D

Acq: 16 Sep 2022 22:01

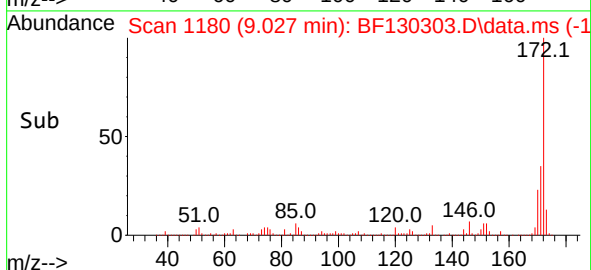
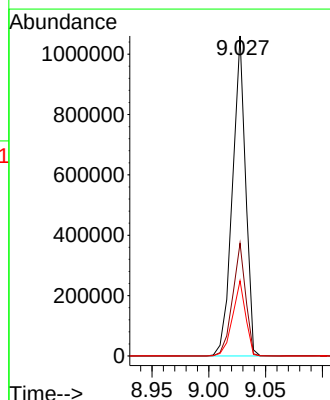
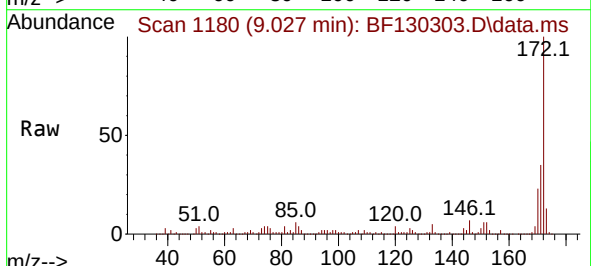
Tgt Ion:172 Resp: 851919

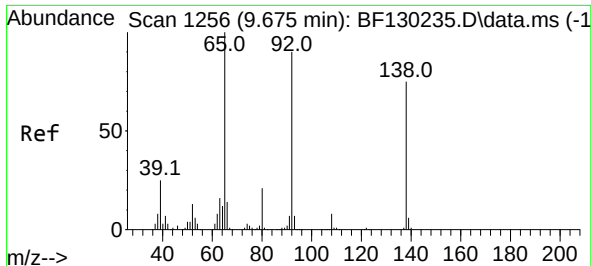
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 18.7 28.1

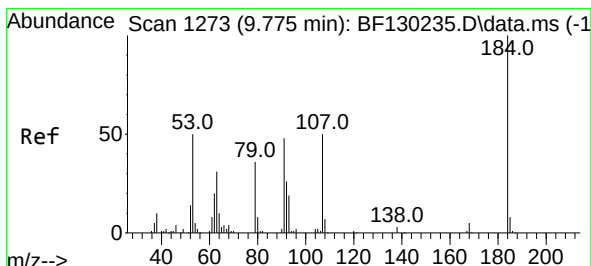
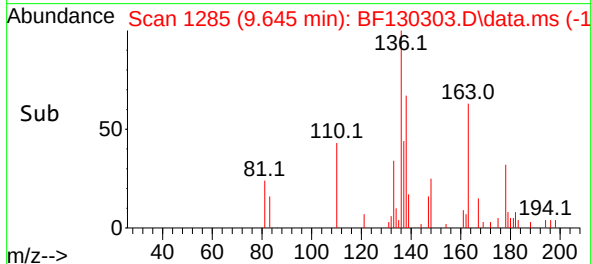
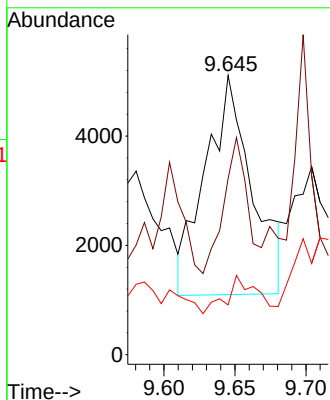
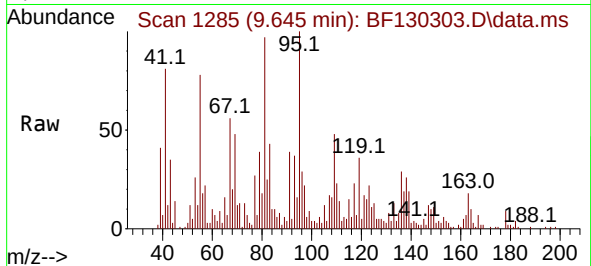




#53
3-Nitroaniline
Concen: 4.737 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130303.D
Acq: 16 Sep 2022 22:01

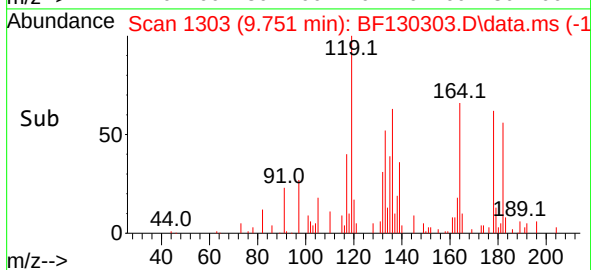
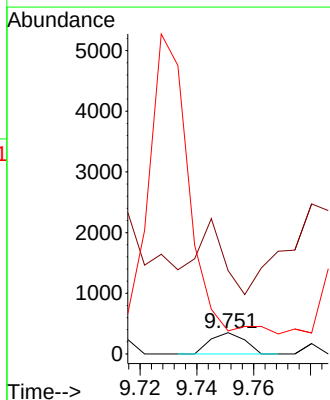
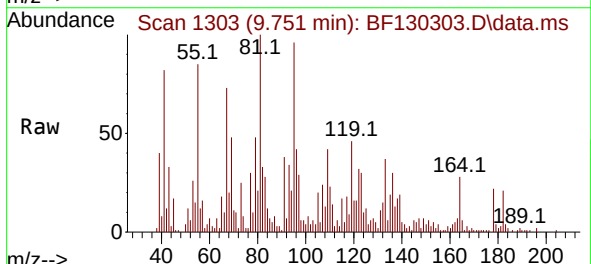
Instrument :
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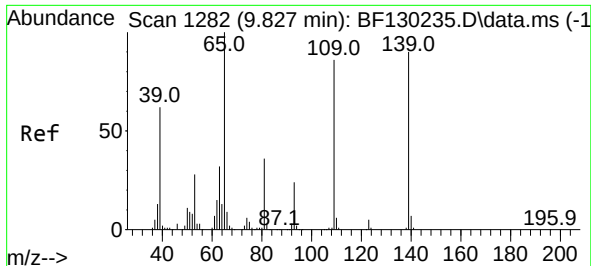
Tgt Ion:138 Resp: 9155
Ion Ratio Lower Upper
138 100
108 63.1 9.2 13.8#
92 17.8 99.2 148.8#



#54
2,4-Dinitrophenol
Concen: 6.542 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF130303.D
Acq: 16 Sep 2022 22:01

Tgt Ion:184 Resp: 294
Ion Ratio Lower Upper
184 100
63 390.6 70.0 105.0#
154 108.2 63.0 94.6#

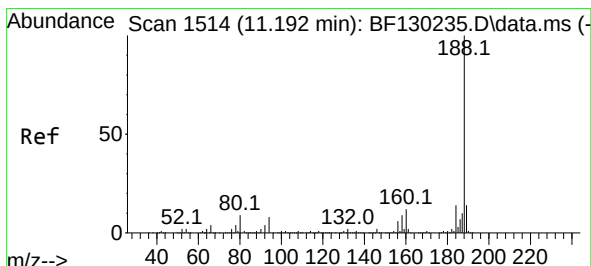
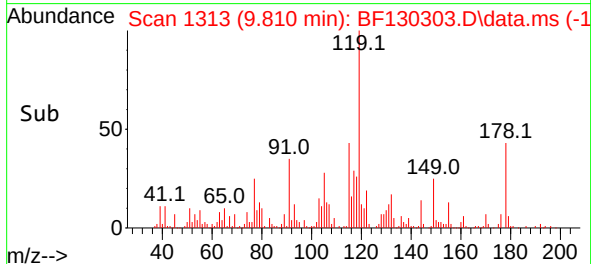
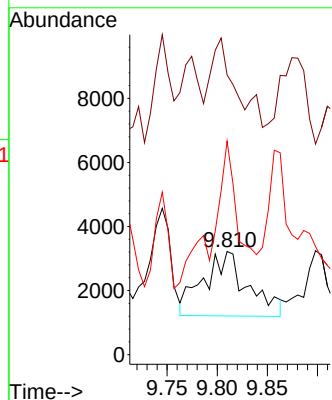
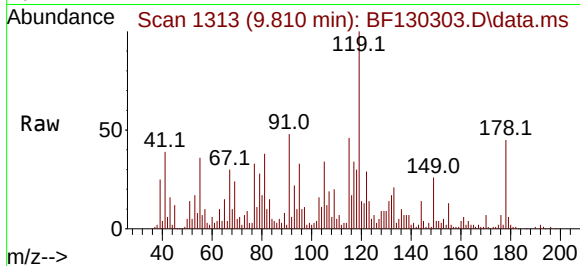




#56
4-Nitrophenol
Concen: 4.380 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130303.D
Acq: 16 Sep 2022 22:01

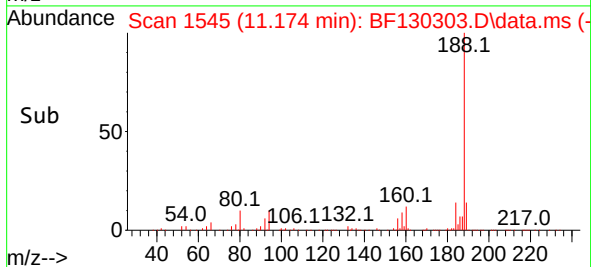
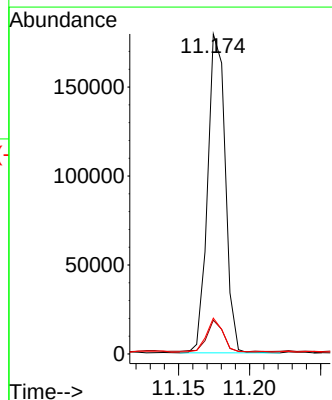
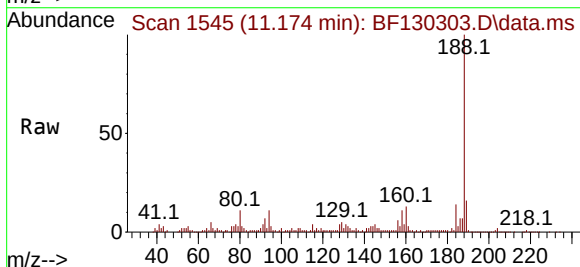
Instrument :
BNA_F
ClientSampleId :
HW-54

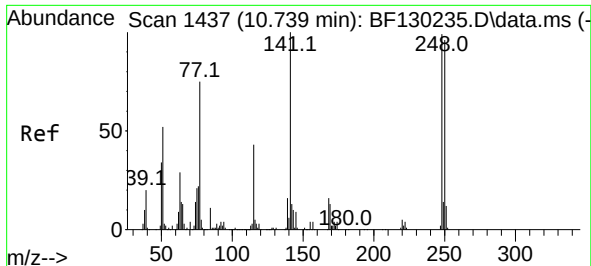
Tgt Ion:139 Resp: 6166
Ion Ratio Lower Upper
139 100
109 271.4 72.2 112.2#
65 206.9 97.7 137.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.174 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF130303.D
Acq: 16 Sep 2022 22:01

Tgt Ion:188 Resp: 155466
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 11.2 7.9 11.9

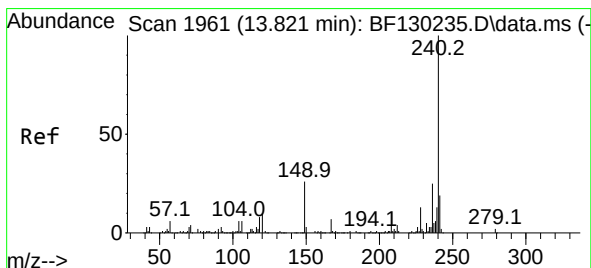
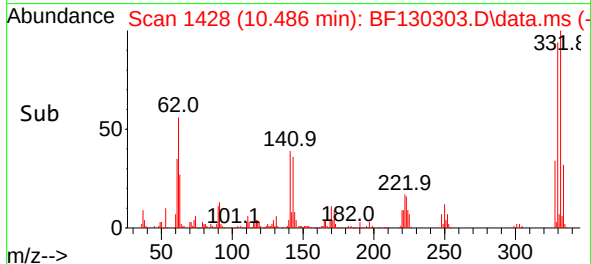
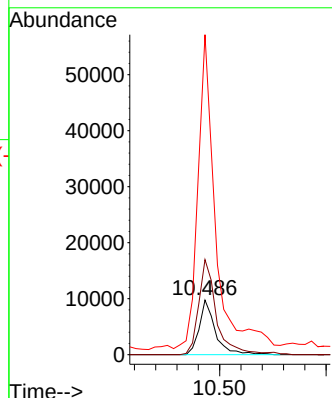
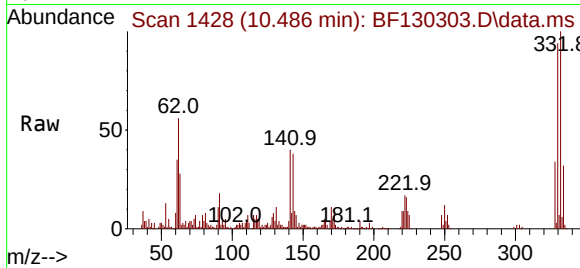




#67
4-Bromophenyl-phenylether
Concen: 6.006 ng
RT: 10.486 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130303.D
Acq: 16 Sep 2022 22:01

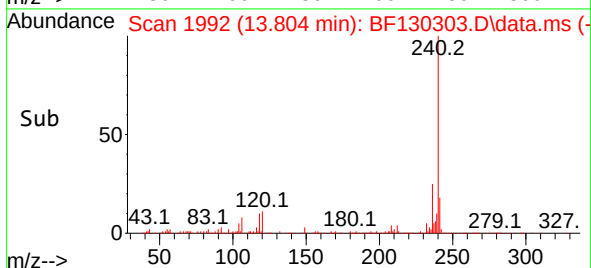
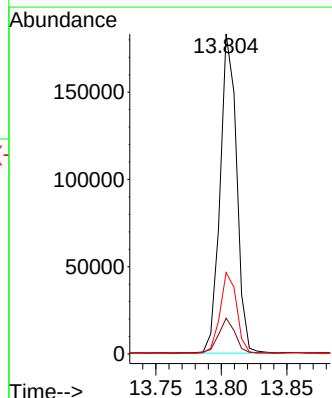
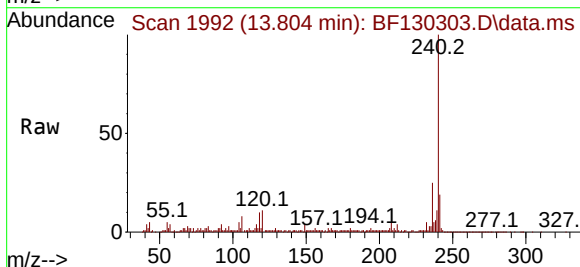
Instrument :
BNA_F
ClientSampleId :
HW-54

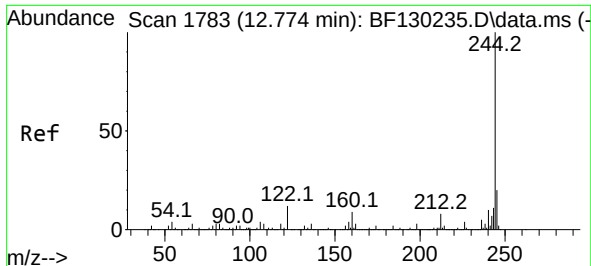
Tgt Ion:248 Resp: 10300
Ion Ratio Lower Upper
248 100
250 174.2 80.0 120.0#
141 586.2 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF130303.D
Acq: 16 Sep 2022 22:01

Tgt Ion:240 Resp: 160023
Ion Ratio Lower Upper
240 100
120 11.1 8.7 13.1
236 25.5 20.9 31.3

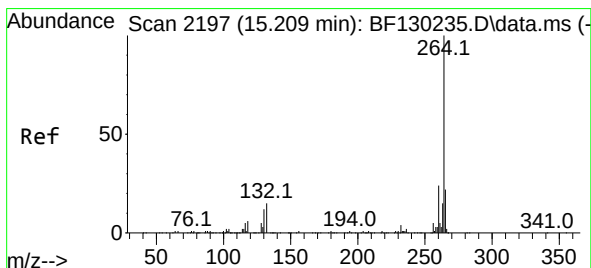
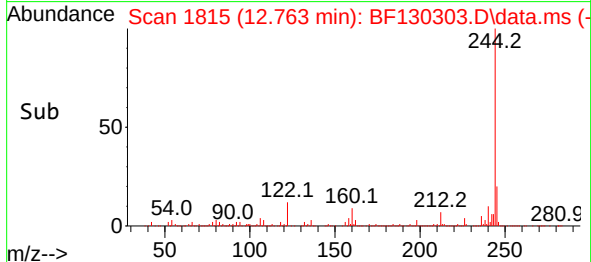
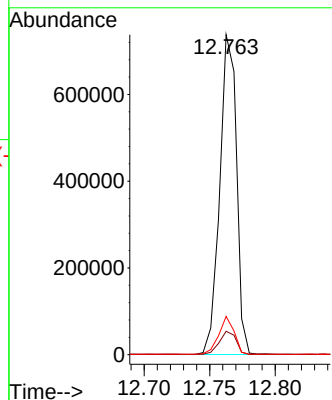
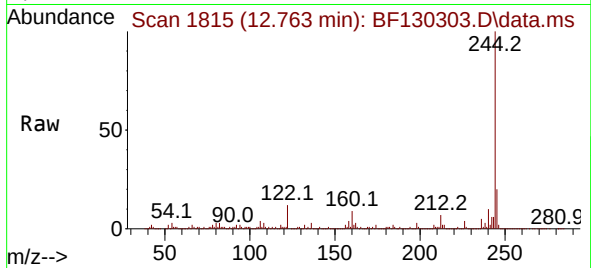




#79
 Terphenyl-d14
 Concen: 67.740 ng
 RT: 12.763 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130303.D
 Acq: 16 Sep 2022 22:01

Instrument :
 BNA_F
 ClientSampleId :
 HW-54

Tgt Ion:244 Resp: 654393
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.9 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.198 min Scan# 2229
 Delta R.T. 0.000 min
 Lab File: BF130303.D
 Acq: 16 Sep 2022 22:01

Tgt Ion:264 Resp: 195955
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 21.4 17.0 25.4

