

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
 Data File : BF130522.D
 Acq On : 04 Oct 2022 17:14
 Operator : CG\JU
 Sample : N4941-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 02:19:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

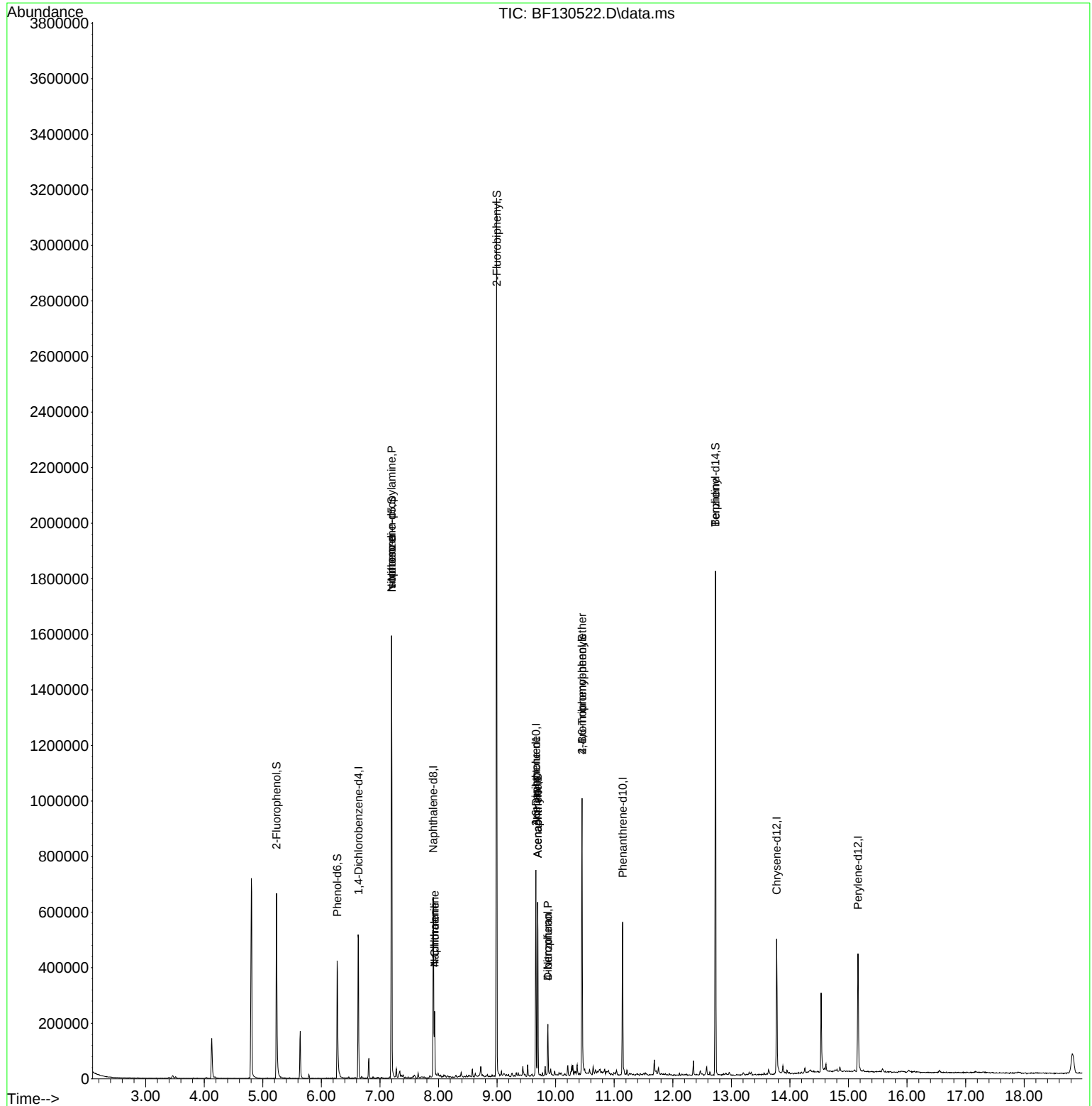
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	76361	20.000	ng	-0.01
21) Naphthalene-d8	7.910	136	286300	20.000	ng	-0.02
39) Acenaphthene-d10	9.663	164	132924	20.000	ng	-0.02
64) Phenanthrene-d10	11.145	188	193048	20.000	ng	-0.01
76) Chrysene-d12	13.774	240	143741	20.000	ng	-0.02
86) Perylene-d12	15.162	264	175575	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	192161	43.647	ng	-0.01
7) Phenol-d6	6.269	99	157090	28.517	ng	-0.02
23) Nitrobenzene-d5	7.198	82	494094	88.168	ng	-0.02
42) 2,4,6-Tribromophenol	10.451	330	110998	87.148	ng	-0.02
45) 2-Fluorobiphenyl	8.992	172	850573	93.181	ng	-0.02
79) Terphenyl-d14	12.727	244	612169	70.547	ng	-0.02
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.198	70	66701	17.944	ng	# 75
25) Isophorone	7.198	82	494089	54.702	ng	# 66
31) Naphthalene	7.933	128	90382	6.128	ng	100
33) 4-Chloroaniline	7.933	127	11812	2.106	ng	# 33
49) Acenaphthylene	9.692	152	67116	5.574	ng	# 1
51) 2,6-Dinitrotoluene	9.663	165	17314	9.016	ng	# 16
52) Acenaphthene	9.692	154	125749	15.895	ng	99
55) Dibenzofuran	9.869	168	64969	5.904	ng	96
56) 4-Nitrophenol	9.869	139	27725	17.790	ng	# 1
67) 4-Bromophenyl-phenylether	10.451	248	7018	3.295	ng	# 1
77) Benidine	12.727	184	9229	2.212	ng	# 92

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

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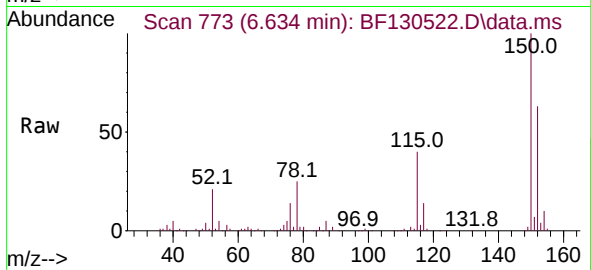
Quant Time: Oct 05 02:19:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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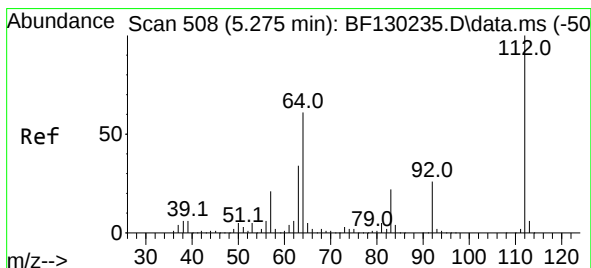
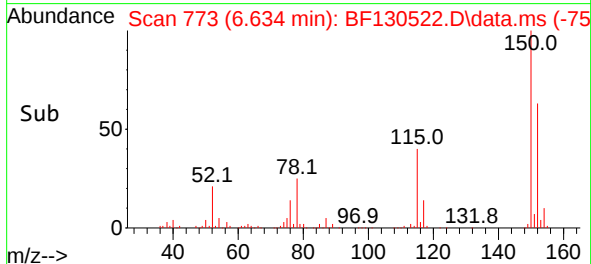
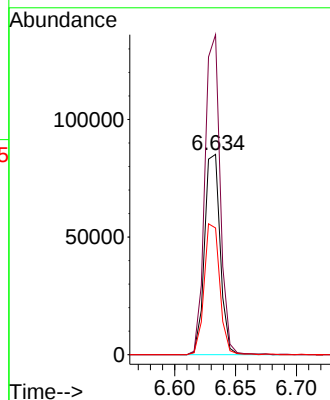


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130522.D
 Acq: 04 Oct 2022 17:14

Instrument :
 BNA_F
 ClientSampleId :

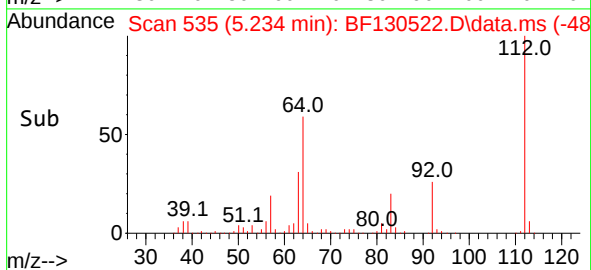
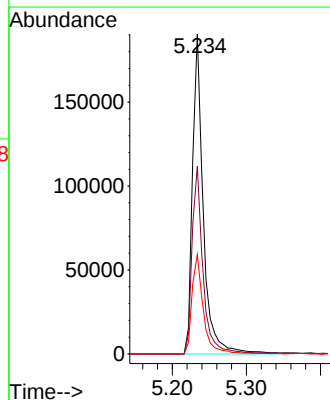
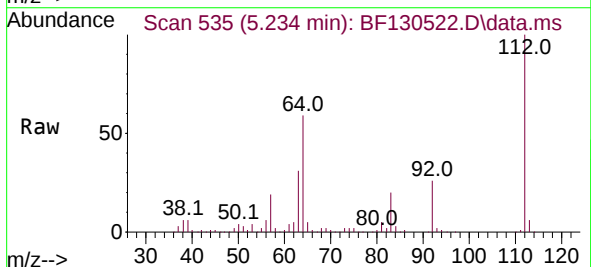


Tgt Ion:152 Resp: 76361
 Ion Ratio Lower Upper
 152 100
 150 159.7 122.8 184.2
 115 63.2 53.8 80.8



#5
 2-Fluorophenol
 Concen: 43.647 ng
 RT: 5.234 min Scan# 535
 Delta R.T. -0.012 min
 Lab File: BF130522.D
 Acq: 04 Oct 2022 17:14

Tgt Ion:112 Resp: 192161
 Ion Ratio Lower Upper
 112 100
 64 58.6 51.4 77.0
 63 31.1 28.8 43.2

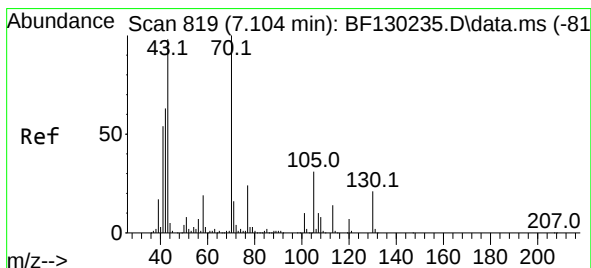
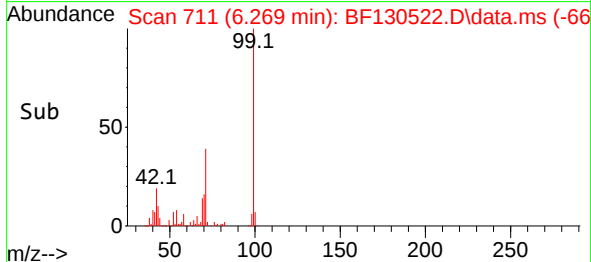
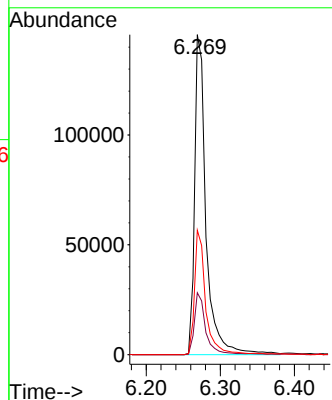
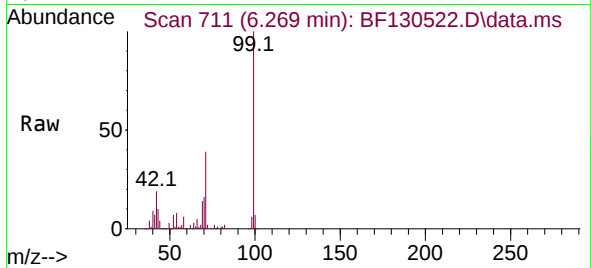




#7
Phenol-d6
Concen: 28.517 ng
RT: 6.269 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

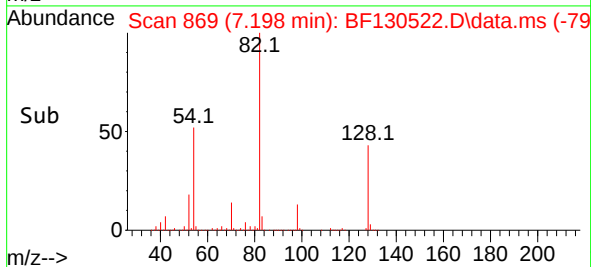
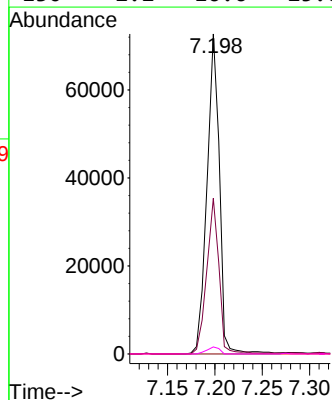
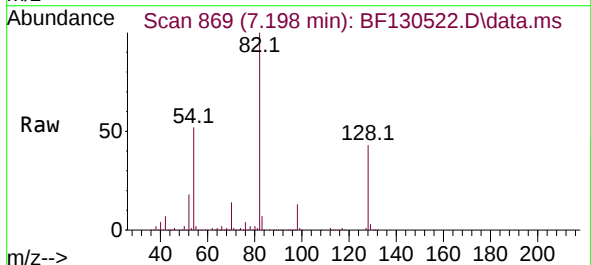
Instrument :
BNA_F
ClientSampleId :

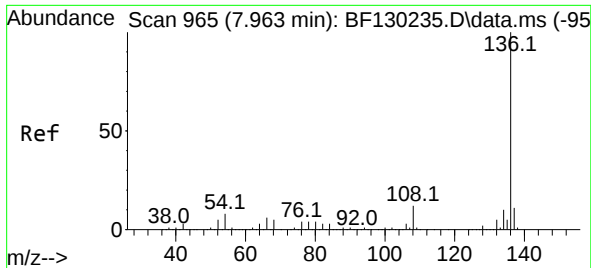
Tgt Ion: 99 Resp: 157090
Ion Ratio Lower Upper
99 100
42 19.3 17.0 25.6
71 38.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.944 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.129 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

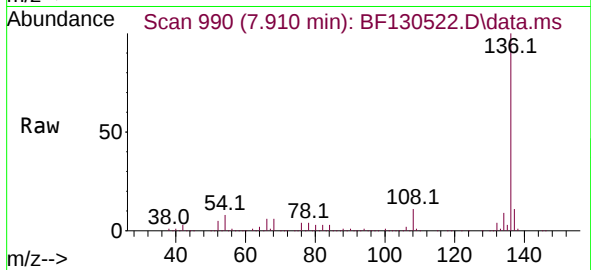
Tgt Ion: 70 Resp: 66701
Ion Ratio Lower Upper
70 100
42 48.6 50.8 76.2#
101 0.0 8.2 12.4#
130 2.2 16.6 25.0#



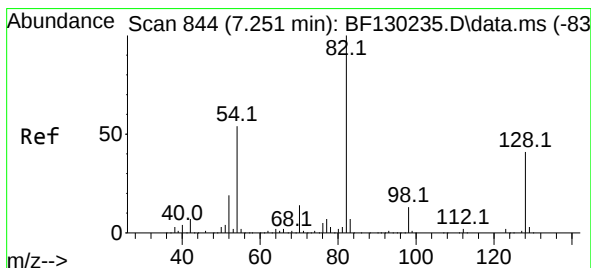
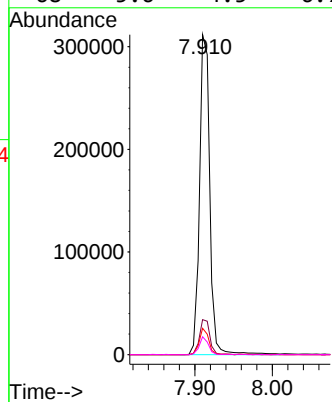
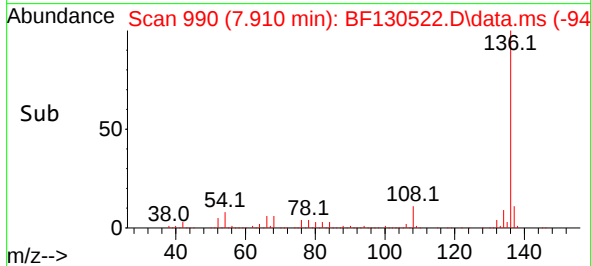


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.910 min Scan# 99
Delta R.T. -0.018 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

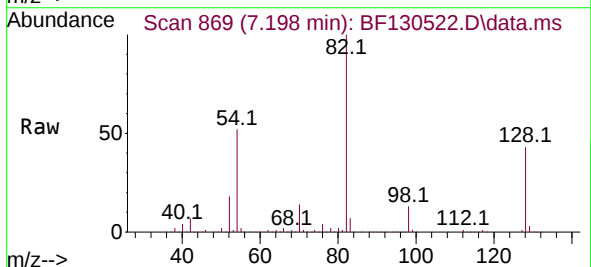
Instrument :
BNA_F
ClientSampleId :



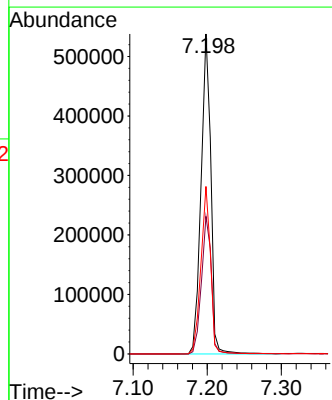
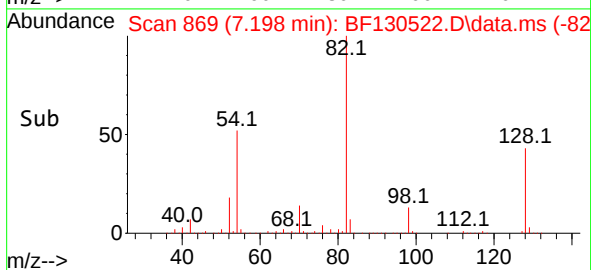
Tgt Ion:136 Resp: 286300
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 8.2 7.1 10.7
68 5.6 4.5 6.7

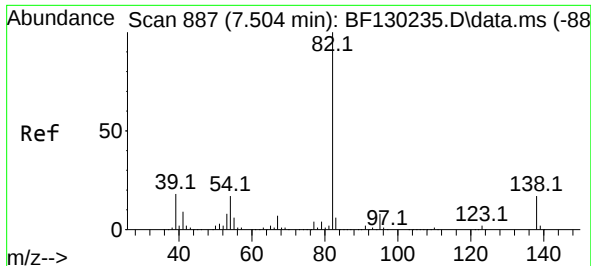


#23
Nitrobenzene-d5
Concen: 88.168 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.018 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14



Tgt Ion: 82 Resp: 494094
Ion Ratio Lower Upper
82 100
128 43.0 32.6 49.0
54 52.3 43.8 65.6

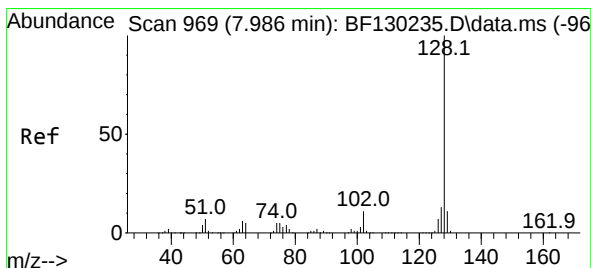
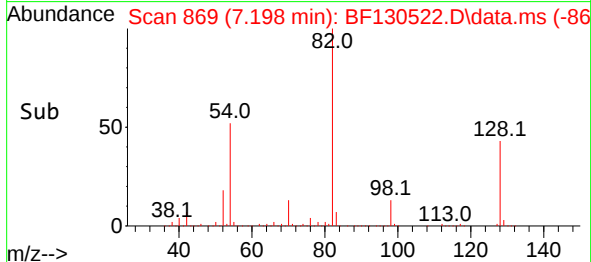
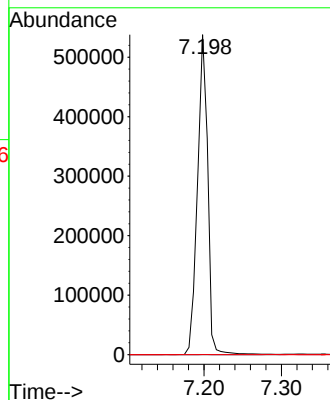
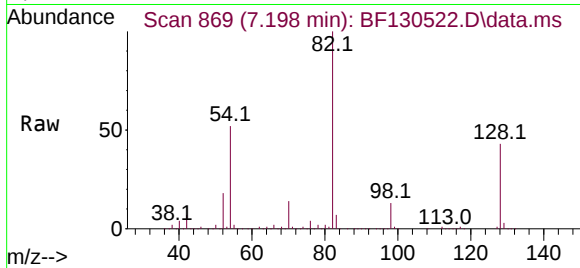




#25
Isophorone
Concen: 54.702 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.276 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

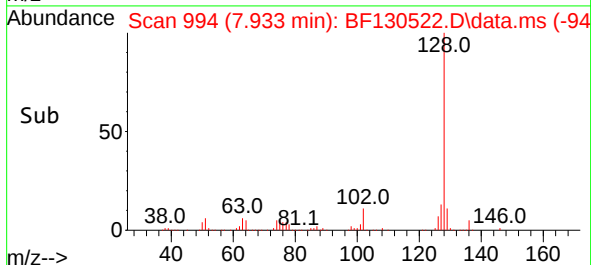
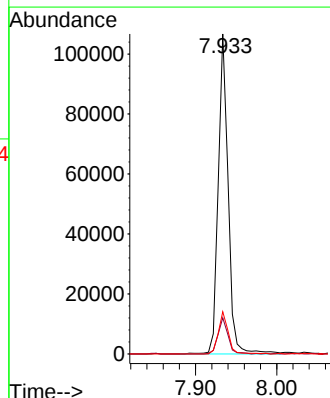
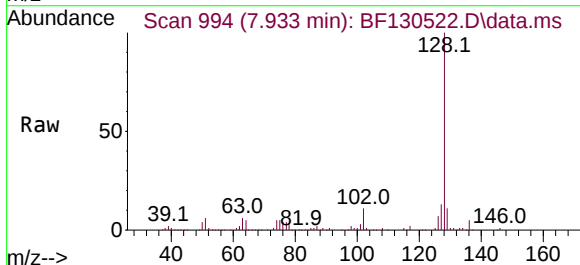
Instrument :
BNA_F
ClientSampleId :

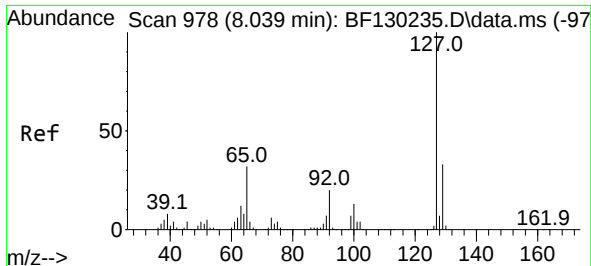
Tgt Ion: 82 Resp: 494089
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#31
Naphthalene
Concen: 6.128 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.018 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

Tgt Ion: 128 Resp: 90382
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.2 10.6 16.0

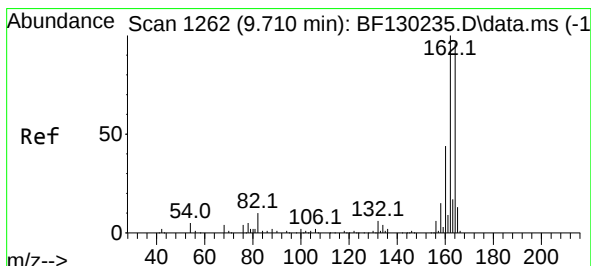
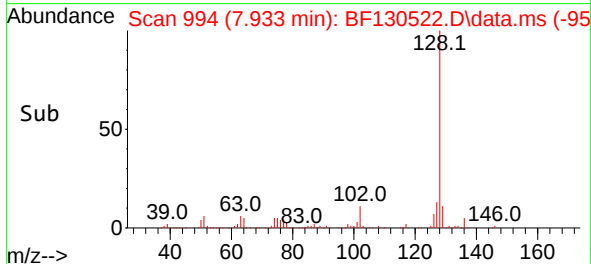
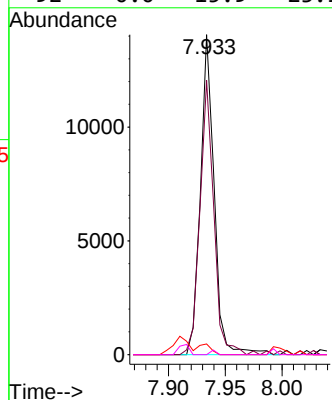
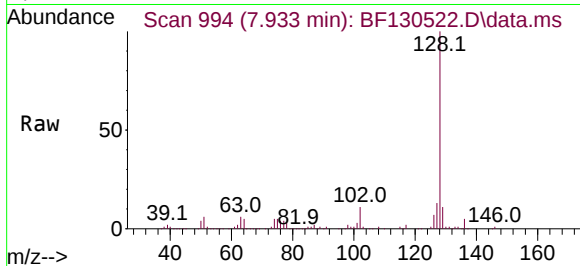




#33
4-Chloroaniline
Concen: 2.106 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.071 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

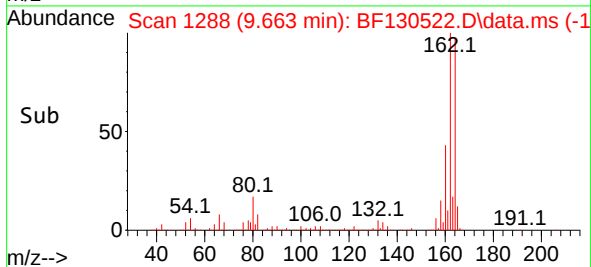
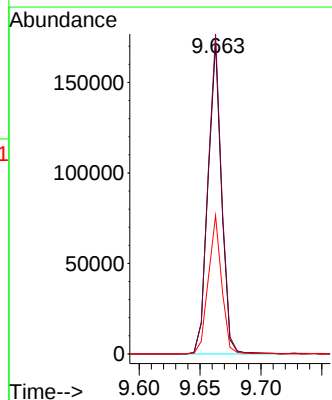
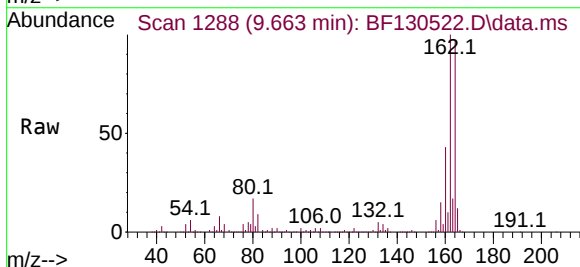
Instrument :
BNA_F
ClientSampleId :

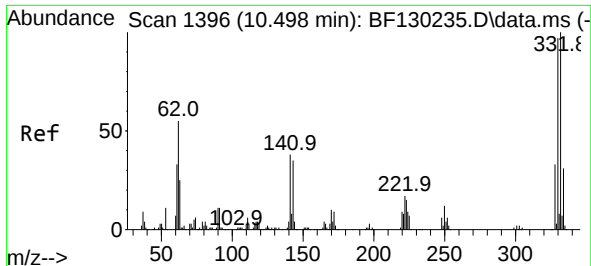
Tgt Ion:127	Resp:	11812
Ion Ratio	Lower	Upper
127	100	
129	85.7	25.6 38.4#
65	3.3	27.0 40.6#
92	0.0	15.9 23.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.018 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

Tgt Ion:164	Resp:	132924
Ion Ratio	Lower	Upper
164	100	
162	102.8	81.4 122.0
160	44.4	36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 87.148 ng

RT: 10.451 min Scan# 14

Delta R.T. -0.018 min

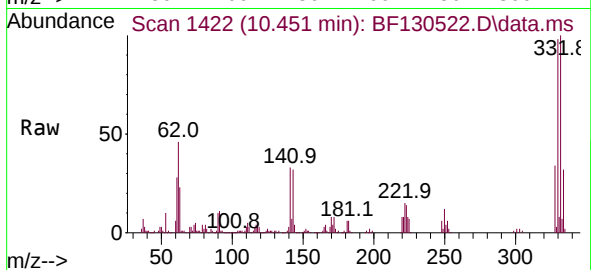
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Acq: 04 Oct 2022 17:14

Instrument :

BNA_F

ClientSampleId :



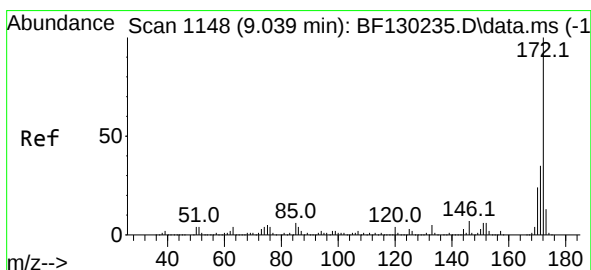
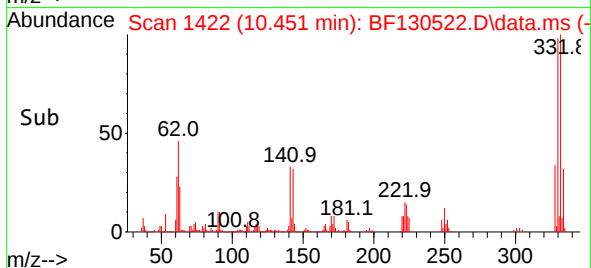
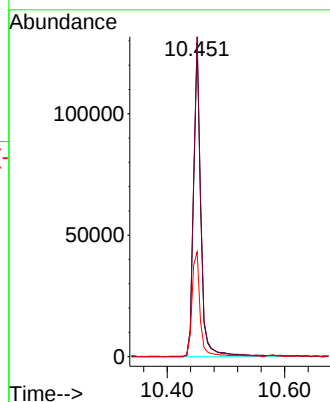
Tgt Ion:330 Resp: 110998

Ion Ratio Lower Upper

330 100

332 101.8 83.4 125.2

141 37.9 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 93.181 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.018 min

Lab File: BF130522.D

Acq: 04 Oct 2022 17:14

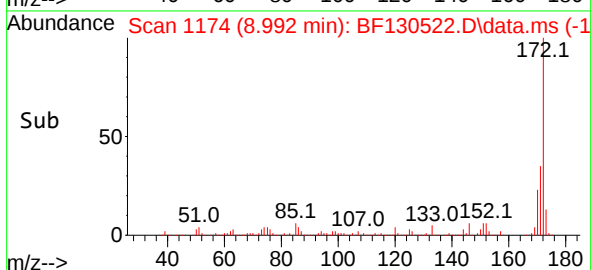
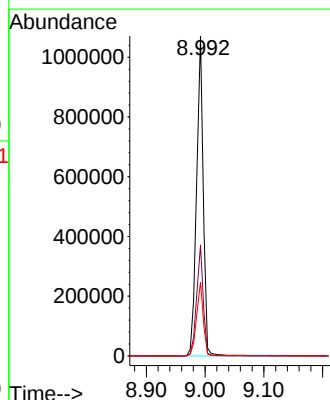
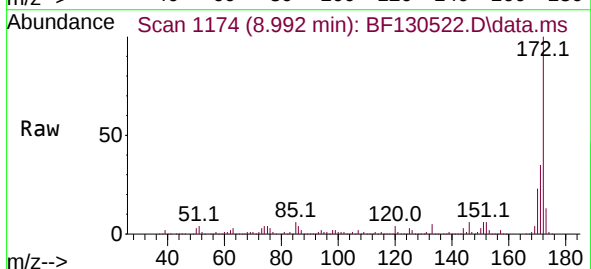
Tgt Ion:172 Resp: 850573

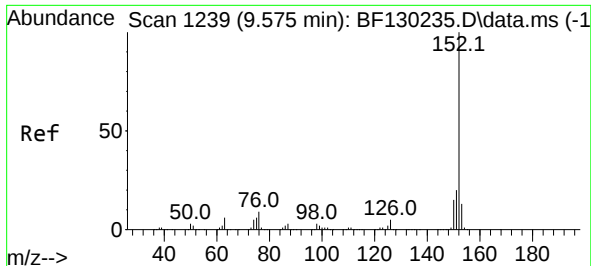
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

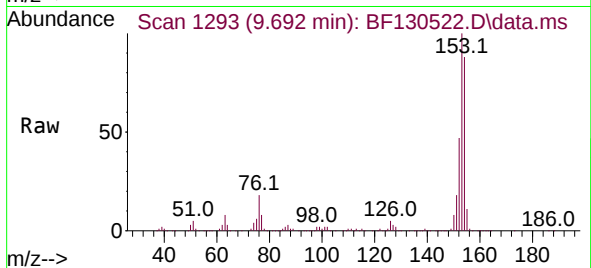
170 23.1 18.7 28.1



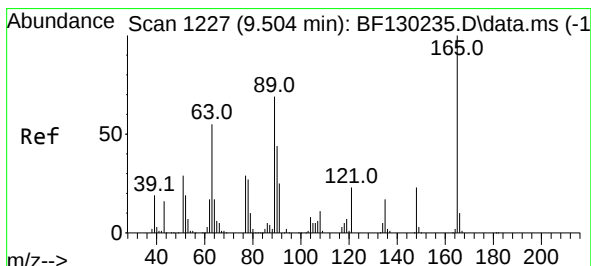
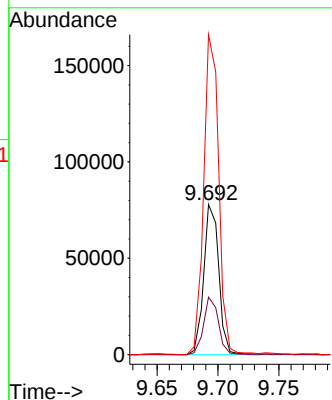
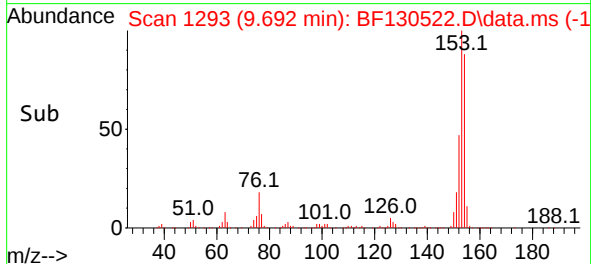


#49
Acenaphthylene
Concen: 5.574 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.153 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

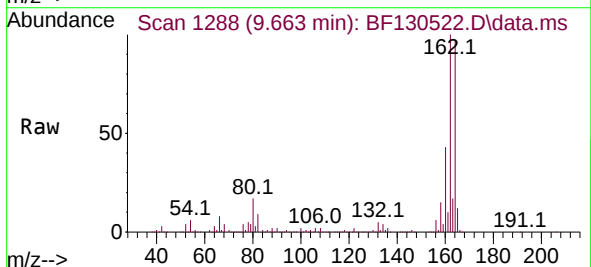
Instrument :
BNA_F
ClientSampleId :



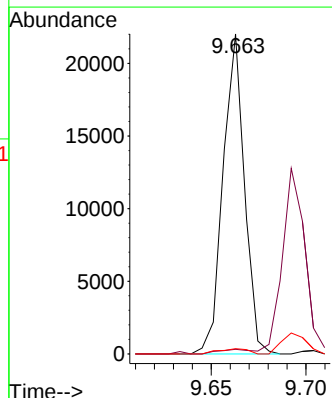
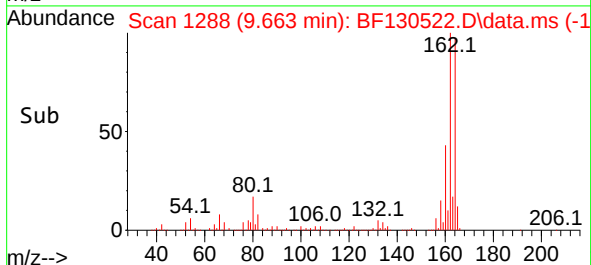
Tgt Ion:152 Resp: 67116
Ion Ratio Lower Upper
152 100
151 38.3 16.2 24.2#
153 213.2 10.6 15.8#

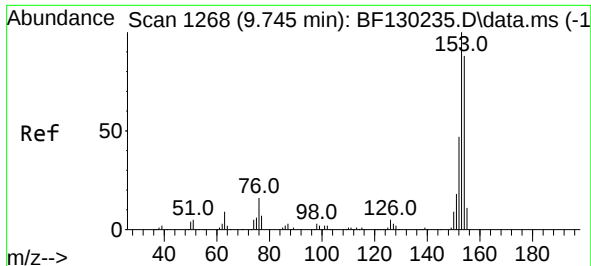


#51
2,6-Dinitrotoluene
Concen: 9.016 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.188 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14



Tgt Ion:165 Resp: 17314
Ion Ratio Lower Upper
165 100
63 1.4 58.8 88.2#
89 1.6 54.5 81.7#





#52

Acenaphthene

Concen: 15.895 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.024 min

Lab File: BF130522.D

Acq: 04 Oct 2022 17:14

Instrument :

BNA_F

ClientSampleId :

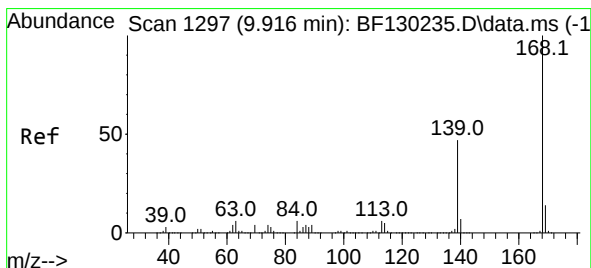
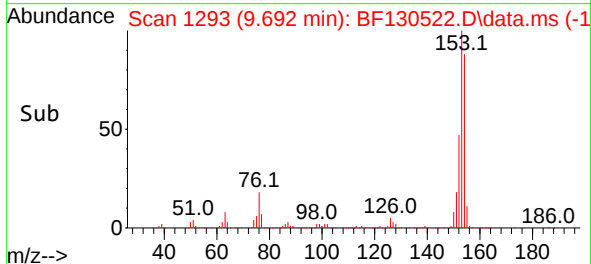
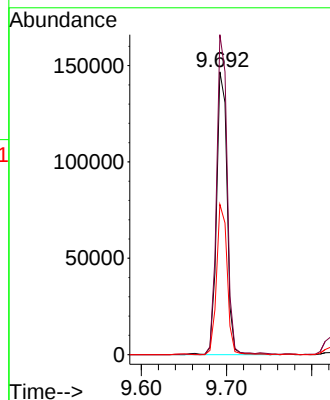
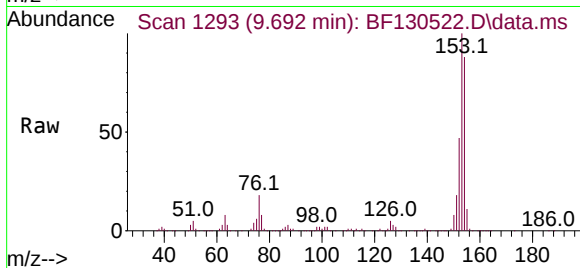
Tgt Ion:154 Resp: 125749

Ion Ratio Lower Upper

154 100

153 113.2 90.6 136.0

152 53.1 43.8 65.6



#55

Dibenzofuran

Concen: 5.904 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.018 min

Lab File: BF130522.D

Acq: 04 Oct 2022 17:14

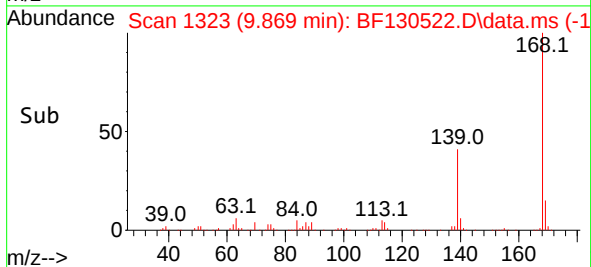
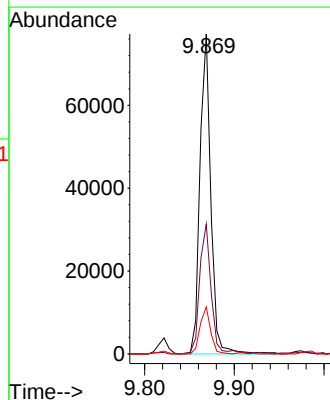
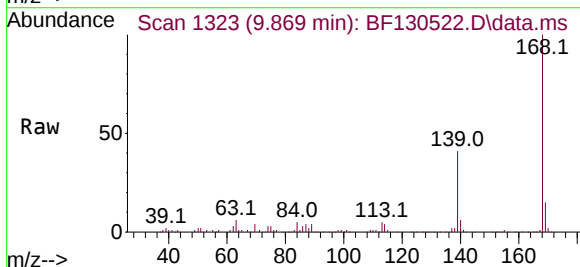
Tgt Ion:168 Resp: 64969

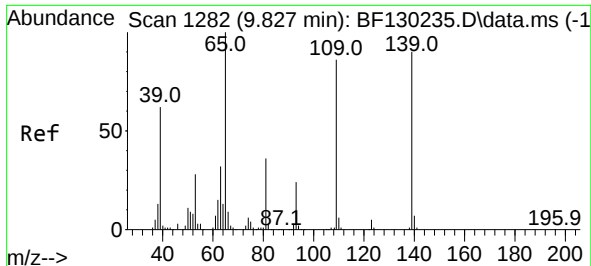
Ion Ratio Lower Upper

168 100

139 40.6 35.0 52.4

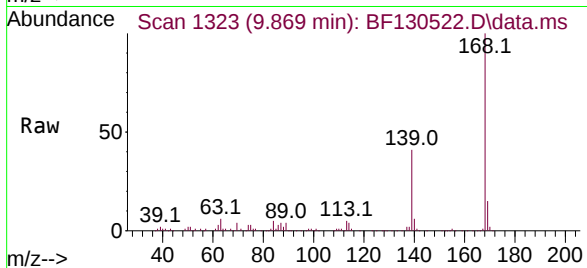
169 14.7 10.9 16.3



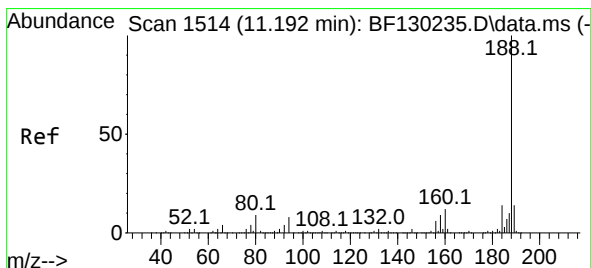
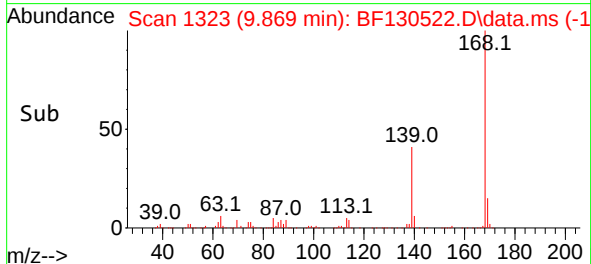
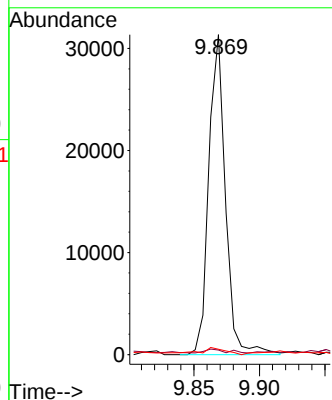


#56
4-Nitrophenol
Concen: 17.790 ng
RT: 9.869 min Scan# 13
Delta R.T. 0.059 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

Instrument :
BNA_F
ClientSampleId :

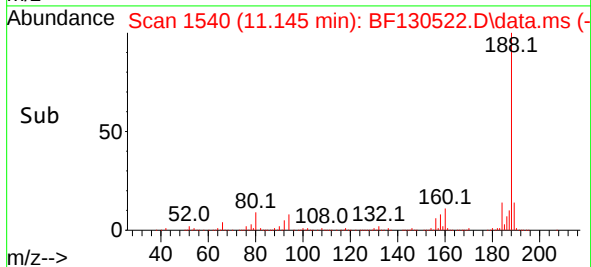
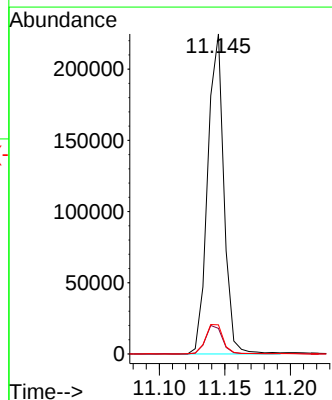
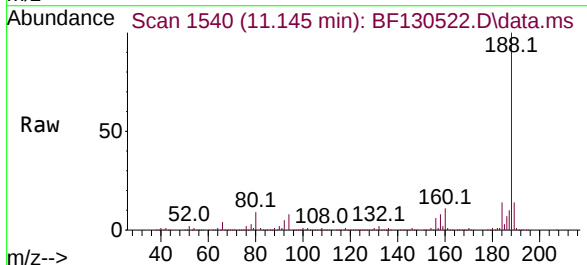


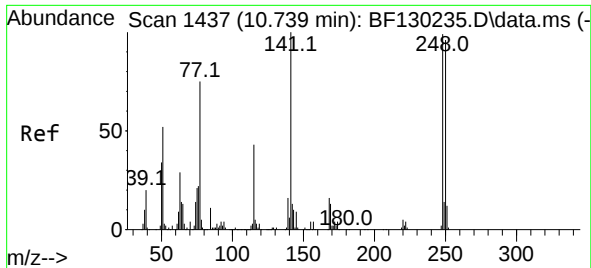
Tgt Ion:139 Resp: 27725
Ion Ratio Lower Upper
139 100
109 1.4 72.2 112.2#
65 1.7 97.7 137.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

Tgt Ion:188 Resp: 193048
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 9.1 7.9 11.9

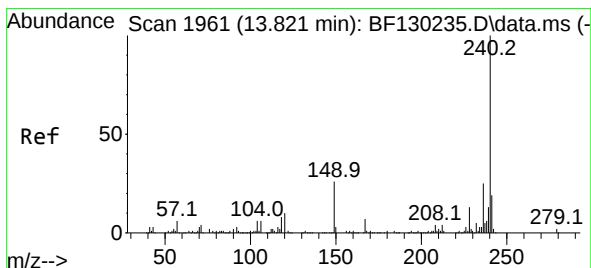
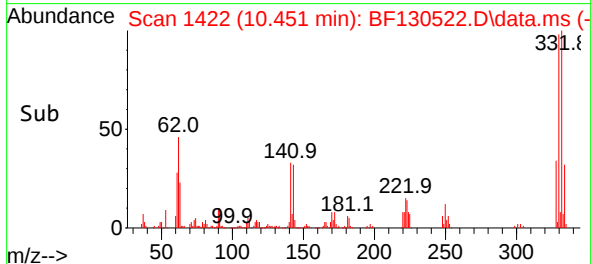
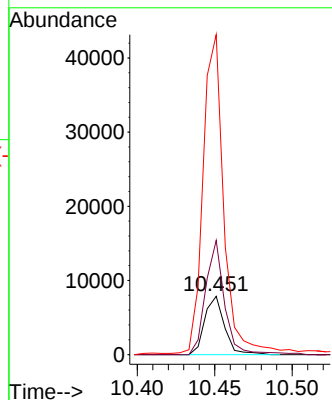
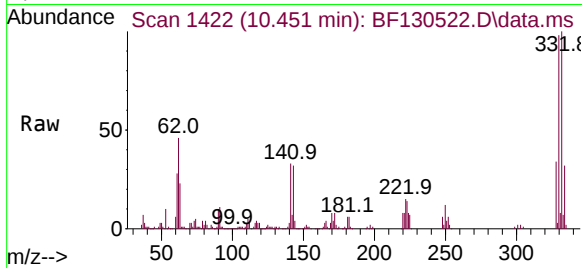




#67
4-Bromophenyl-phenylether
Concen: 3.295 ng
RT: 10.451 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

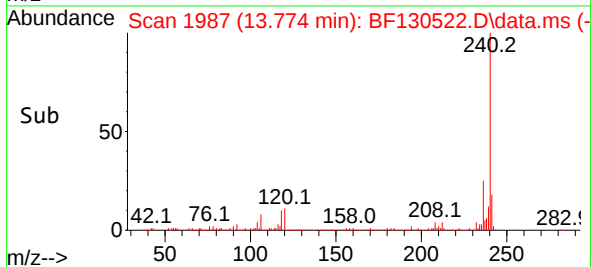
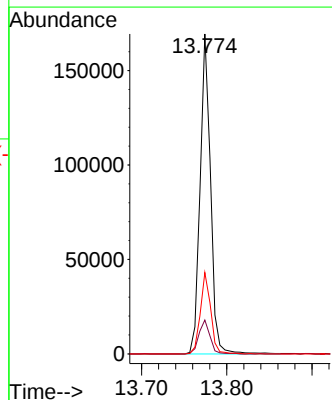
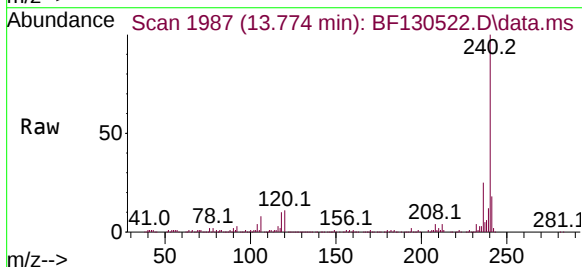
Instrument :
BNA_F
ClientSampleId :

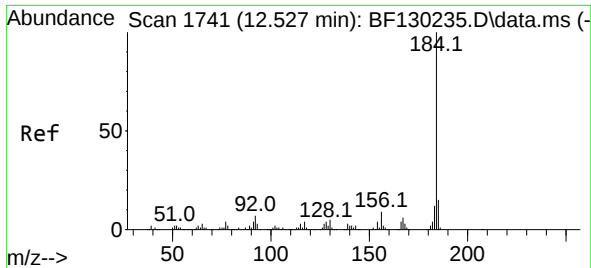
Tgt Ion:248 Resp: 7018
Ion Ratio Lower Upper
248 100
250 195.8 80.0 120.0#
141 549.1 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.774 min Scan# 1987
Delta R.T. -0.018 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

Tgt Ion:240 Resp: 143741
Ion Ratio Lower Upper
240 100
120 10.6 8.7 13.1
236 25.4 20.9 31.3





#77

Benzidine

Concen: 2.212 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.229 min

Lab File: BF130522.D

Acq: 04 Oct 2022 17:14

Instrument :

BNA_F

ClientSampleId :

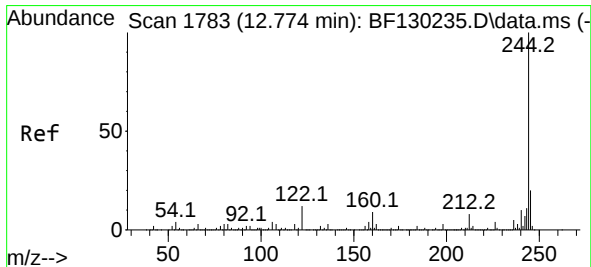
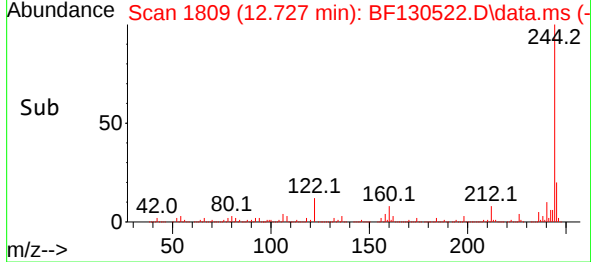
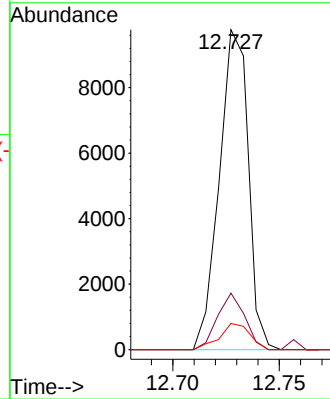
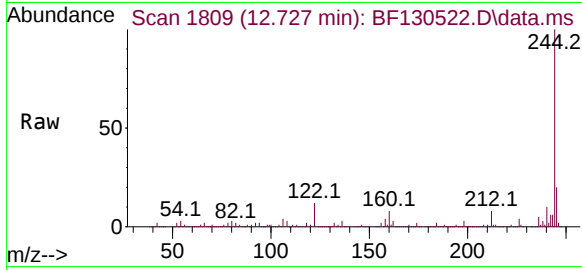
Tgt Ion:184 Resp: 9229

Ion Ratio Lower Upper

184 100

185 17.6 11.8 17.6

183 8.2 9.1 13.7#



#79

Terphenyl-d14

Concen: 70.547 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.018 min

Lab File: BF130522.D

Acq: 04 Oct 2022 17:14

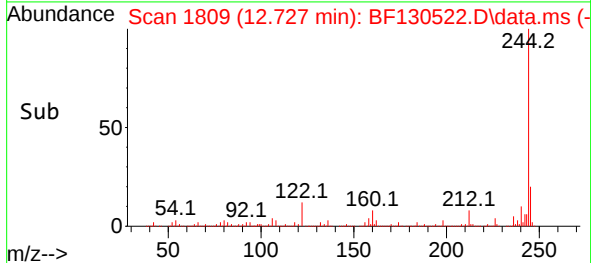
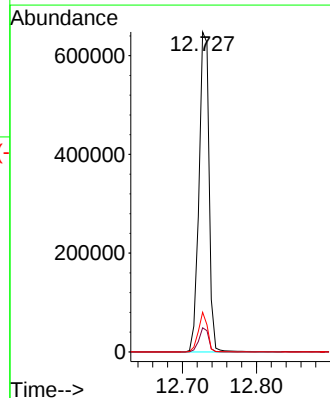
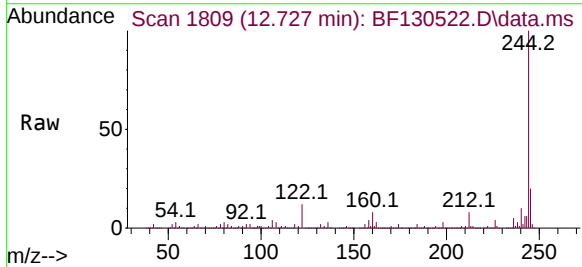
Tgt Ion:244 Resp: 612169

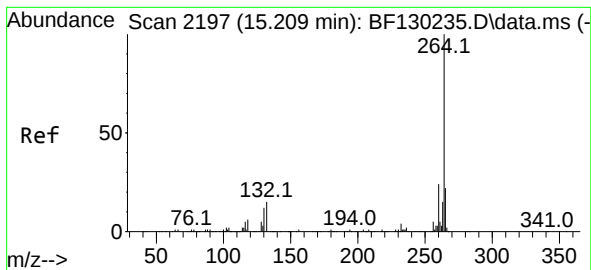
Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

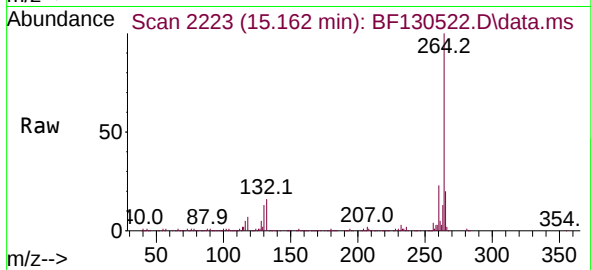
122 12.4 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.162 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF130522.D
 Acq: 04 Oct 2022 17:14

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 175575
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.3 28.9
 265 19.9 17.0 25.4

