

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
 Data File : BF130772.D
 Acq On : 25 Oct 2022 16:42
 Operator : CG\JU
 Sample : N5222-01DL2 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 13:49:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

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

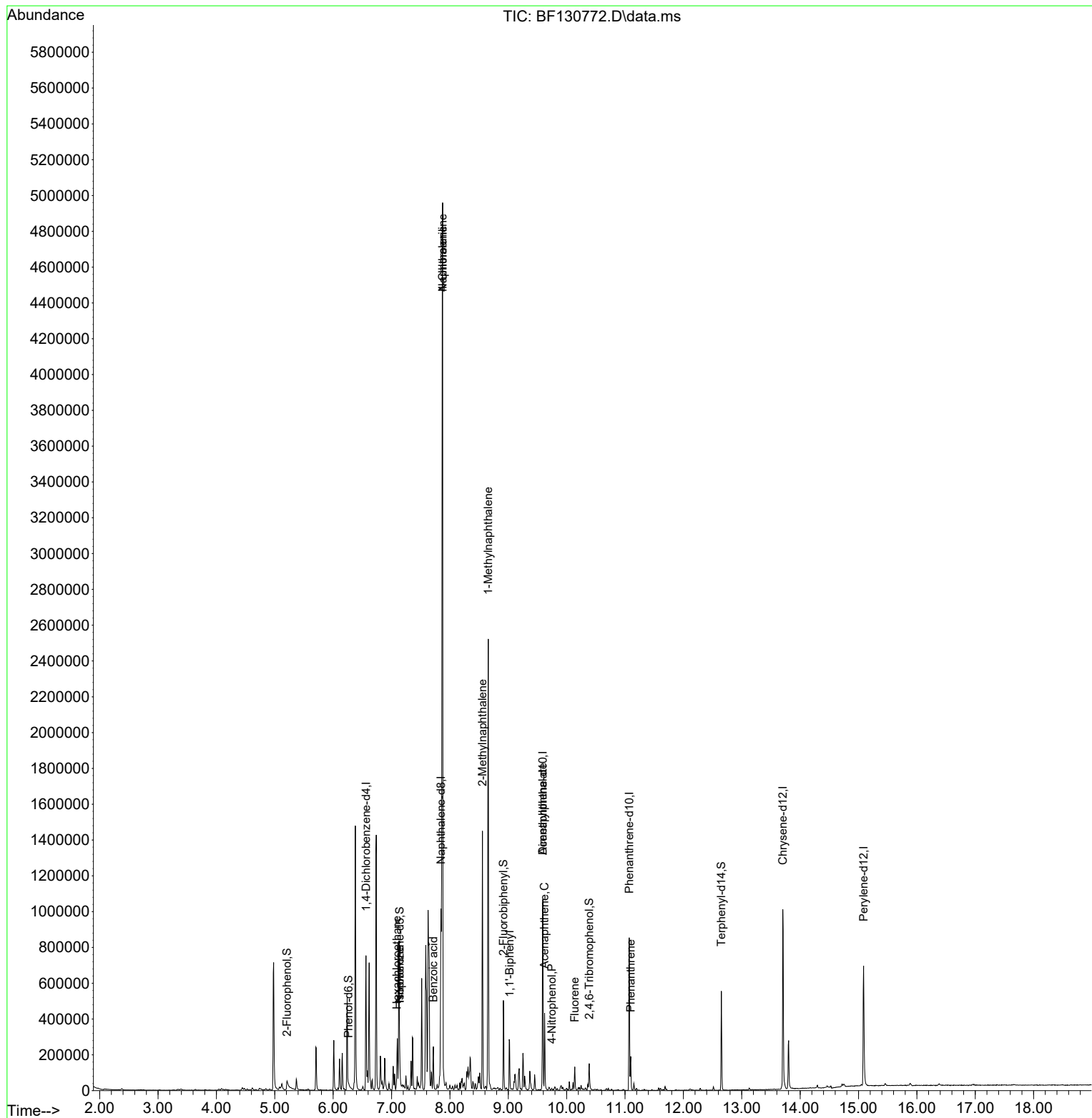
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	116560	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	450900	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	212978	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	329145	20.000	ng	0.00
76) Chrysene-d12	13.704	240	343124	20.000	ng	# 0.00
86) Perylene-d12	15.086	264	275101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	47259	6.992	ng	0.05
7) Phenol-d6	6.263	99	29537	3.612	ng	0.04
23) Nitrobenzene-d5	7.139	82	77020	9.061	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	21933	10.829	ng	0.00
45) 2-Fluorobiphenyl	8.916	172	136949	9.799	ng	-0.01
79) Terphenyl-d14	12.651	244	170330	8.365	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.092	117	25417	7.787	ng	# 1
25) Isophorone	7.139	82	77020	5.500	ng	# 65
31) Naphthalene	7.875	128	2508308	107.889	ng	99
32) Benzoic acid	7.716	122	509	6.140	ng	# 1
33) 4-Chloroaniline	7.875	127	337070	37.685	ng	# 33
37) 2-Methylnaphthalene	8.557	142	335058	21.996	ng	100
38) 1-Methylnaphthalene	8.657	142	632424	41.875	ng	99
46) 1,1'-Biphenyl	9.022	154	91481	6.158	ng	98
50) Dimethylphthalate	9.592	163	39485	2.756	ng	# 1
52) Acenaphthene	9.622	154	79262	7.006	ng	98
56) 4-Nitrophenol	9.745	139	71	4.631	ng	# 7
58) Fluorene	10.139	166	33778	2.332	ng	99
71) Phenanthrene	11.098	178	70327	3.896	ng	99
77) Benzidine	12.651	184	2168	Below Cal		# 91

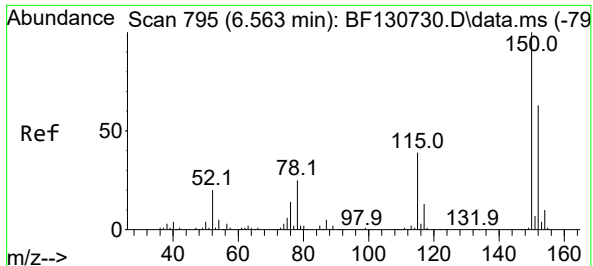
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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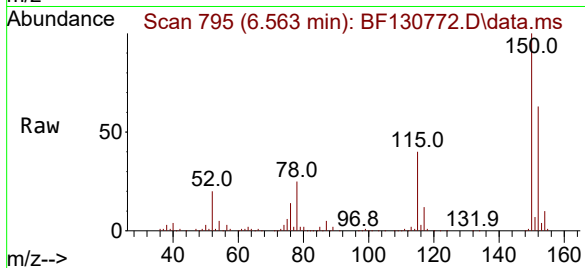
Quant Time: Oct 26 13:49:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
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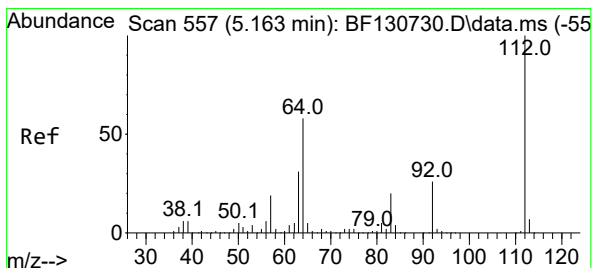
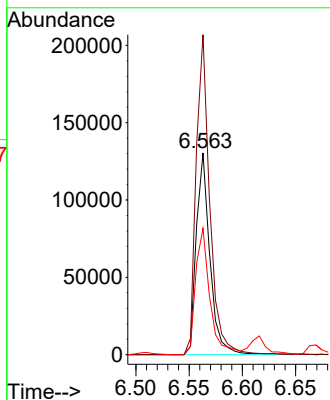
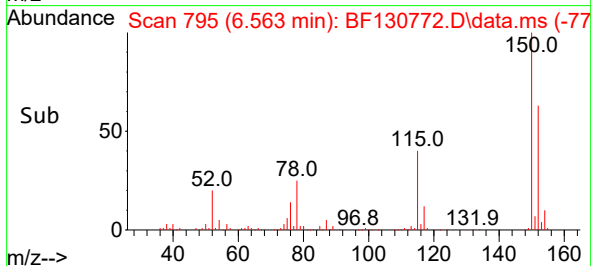


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

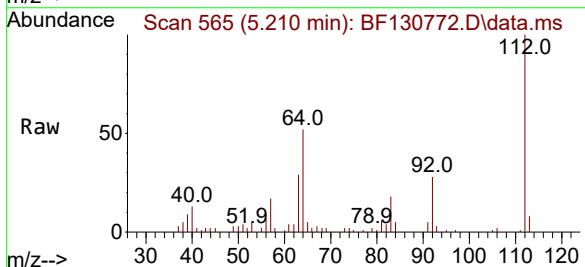
Instrument :
BNA_F
ClientSampleId :



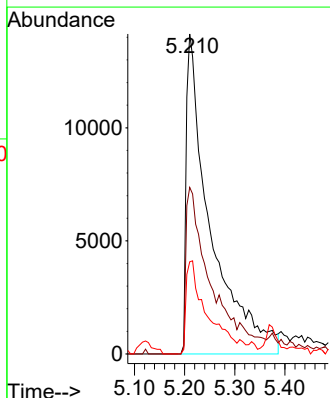
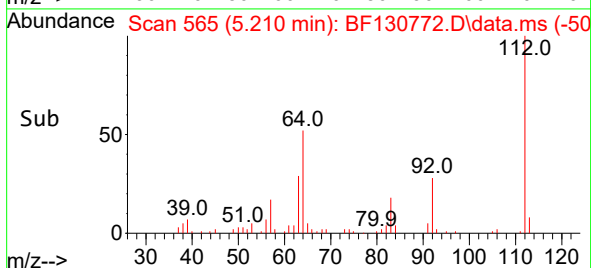
Tgt Ion:152 Resp: 116560
Ion Ratio Lower Upper
152 100
150 158.6 127.0 190.6
115 62.7 49.9 74.9

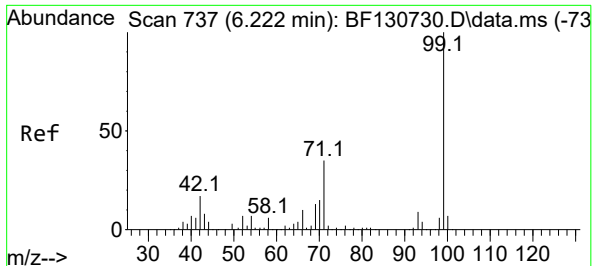


#5
2-Fluorophenol
Concen: 6.992 ng
RT: 5.210 min Scan# 565
Delta R.T. 0.047 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42



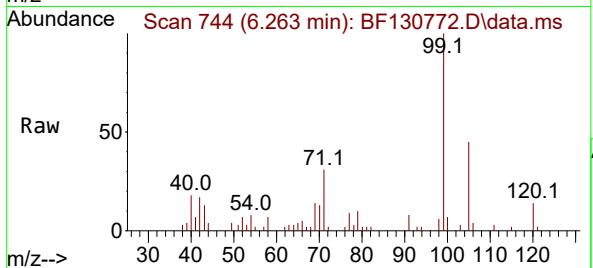
Tgt Ion:112 Resp: 47259
Ion Ratio Lower Upper
112 100
64 52.0 46.2 69.4
63 28.8 25.1 37.7



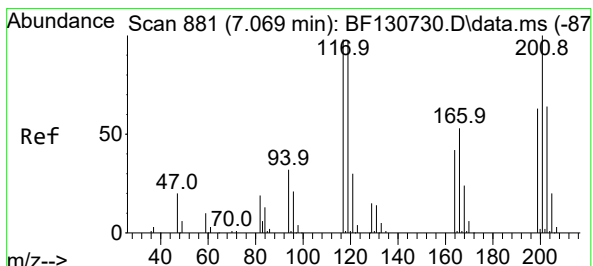
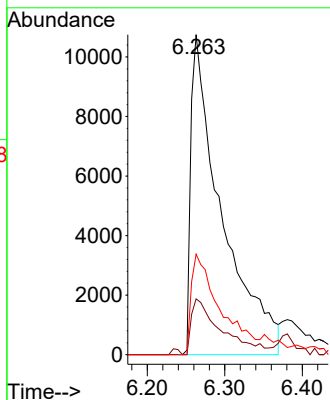
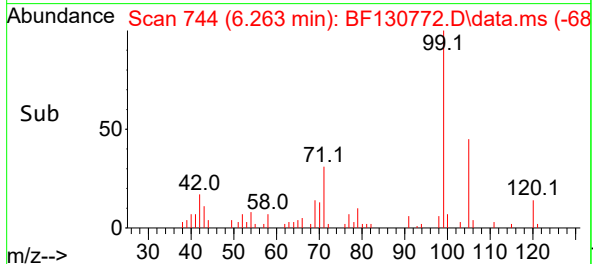


#7
Phenol-d6
Concen: 3.612 ng
RT: 6.263 min Scan# 74
Delta R.T. 0.041 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

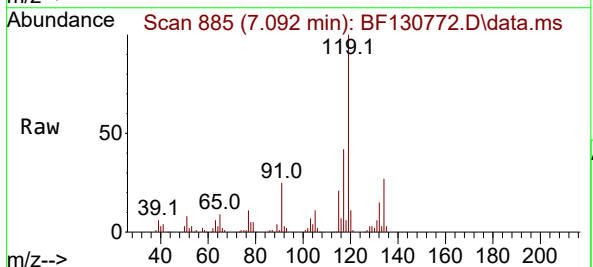
Instrument :
BNA_F
ClientSampleId :



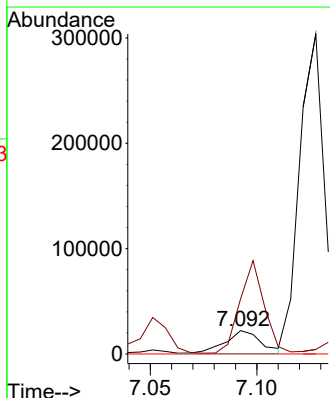
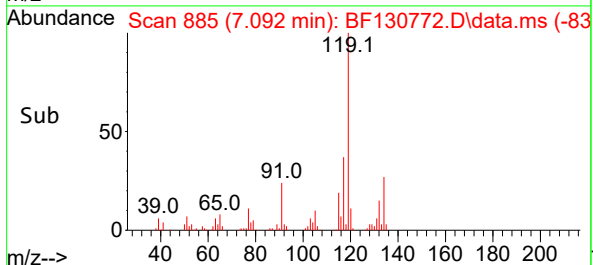
Tgt Ion: 99 Resp: 29537
Ion Ratio Lower Upper
99 100
42 17.5 13.8 20.8
71 31.4 28.3 42.5

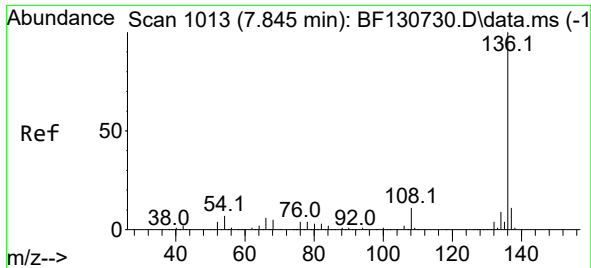


#18
Hexachloroethane
Concen: 7.787 ng
RT: 7.092 min Scan# 885
Delta R.T. 0.023 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42



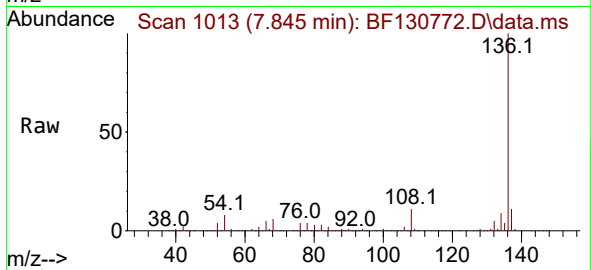
Tgt Ion: 117 Resp: 25417
Ion Ratio Lower Upper
117 100
119 236.2 79.1 118.7#
201 0.0 81.5 122.3#



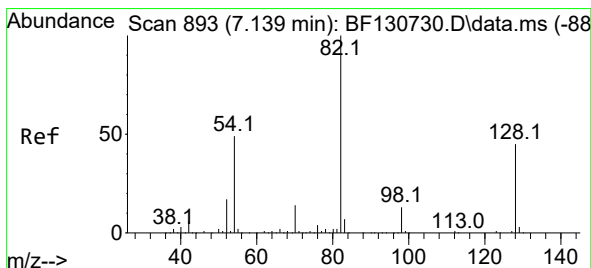
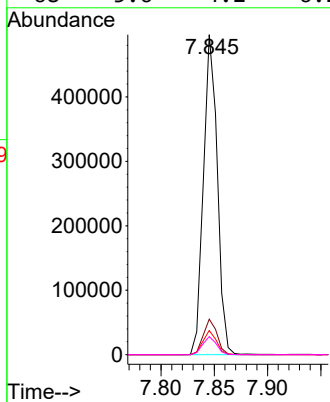
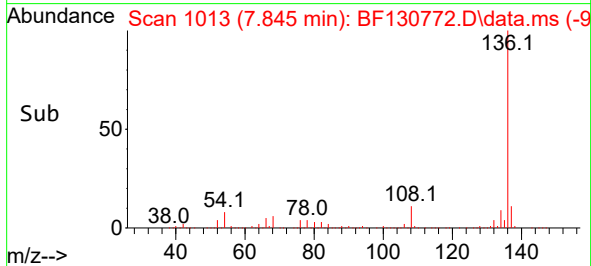


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

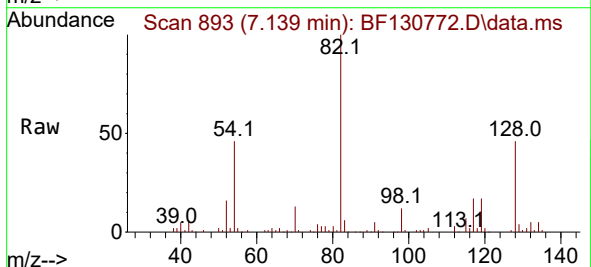
Instrument :
BNA_F
ClientSampleId :



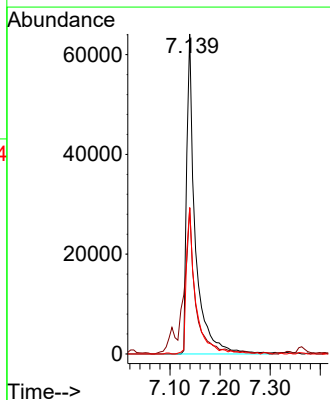
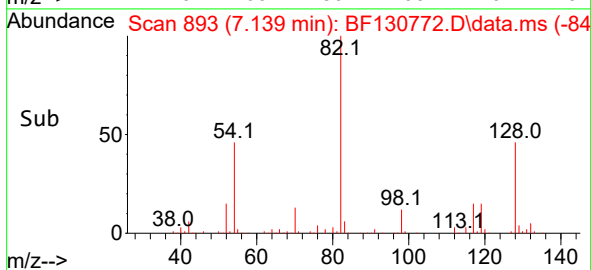
Tgt Ion:136 Resp: 450900
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.6 5.8 8.8
68 5.6 4.2 6.2

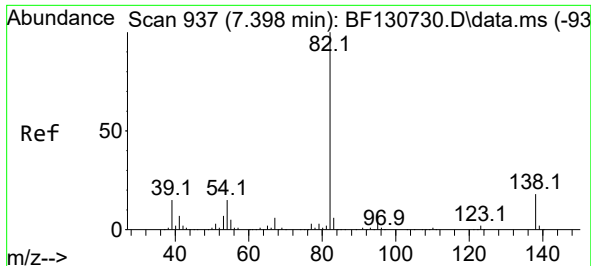


#23
Nitrobenzene-d5
Concen: 9.061 ng
RT: 7.139 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42



Tgt Ion: 82 Resp: 77020
Ion Ratio Lower Upper
82 100
128 45.7 35.9 53.9
54 45.7 39.2 58.8

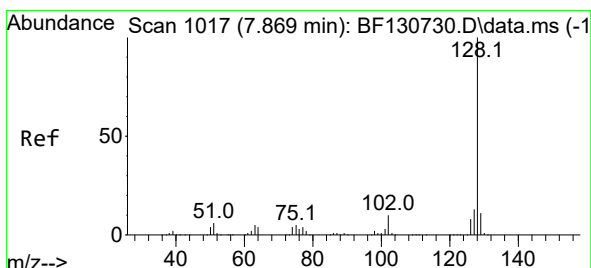
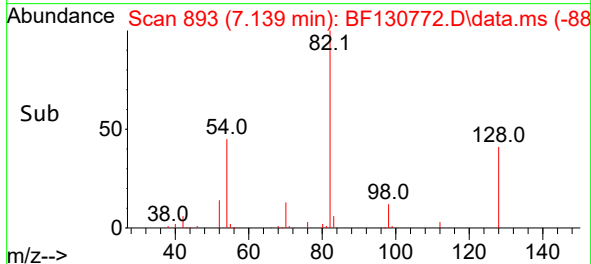
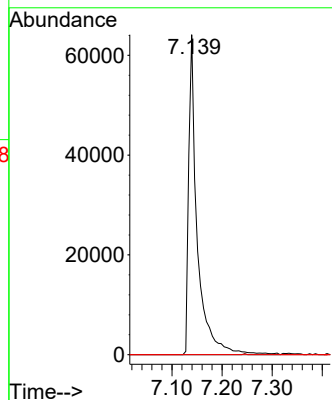
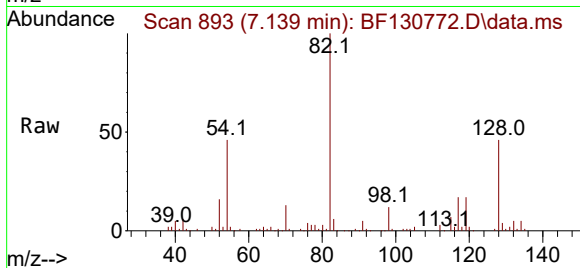




#25
Isophorone
Concen: 5.500 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.259 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

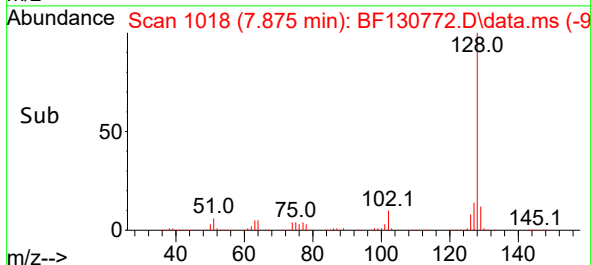
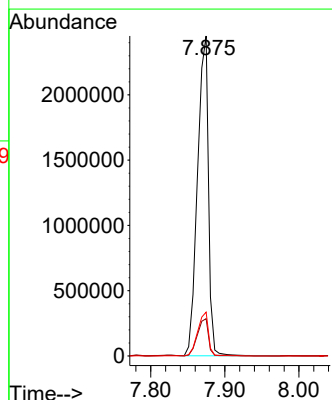
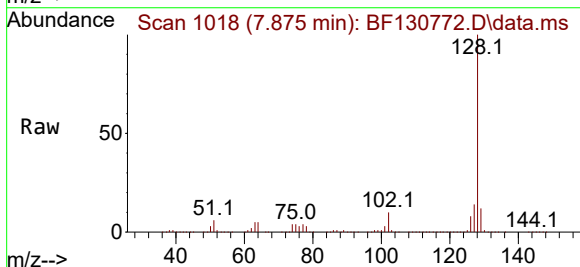
Instrument :
BNA_F
ClientSampleId :

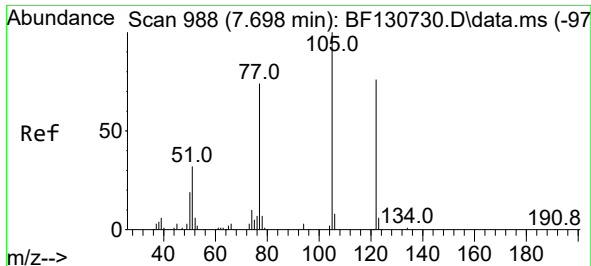
Tgt Ion: 82 Resp: 77020
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#31
Naphthalene
Concen: 107.889 ng
RT: 7.875 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

Tgt Ion:128 Resp: 2508308
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 13.7 10.6 16.0

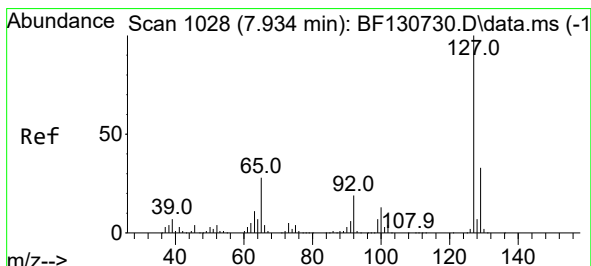
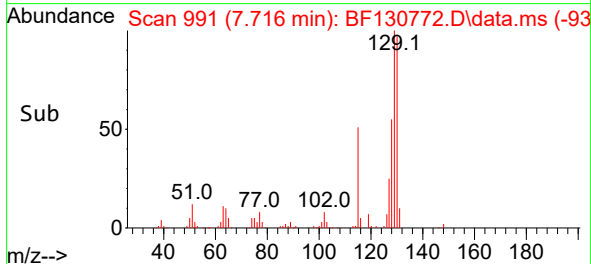
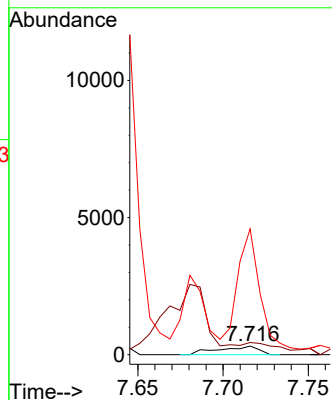
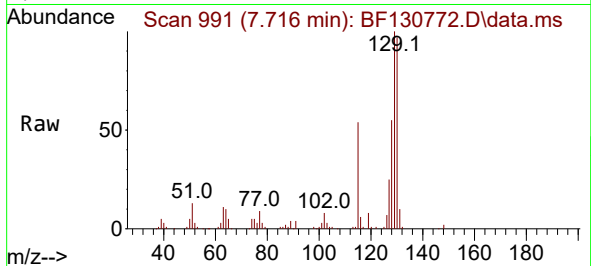




#32
Benzoic acid
Concen: 6.140 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

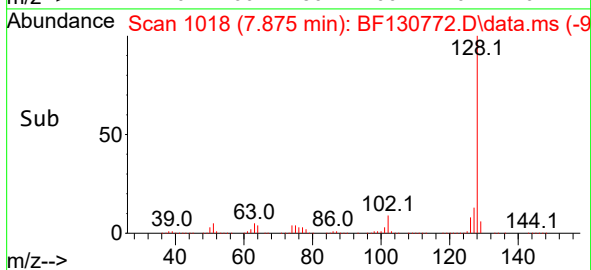
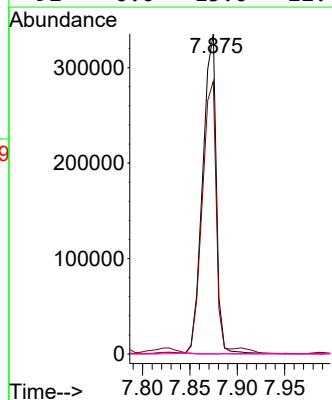
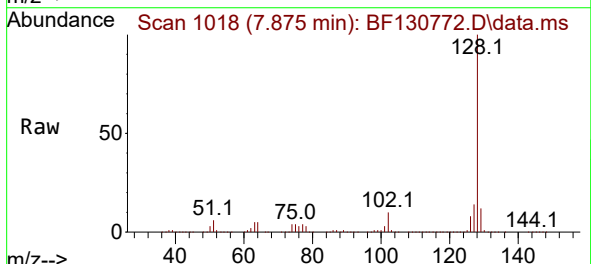
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BNA_F
ClientSampleId :

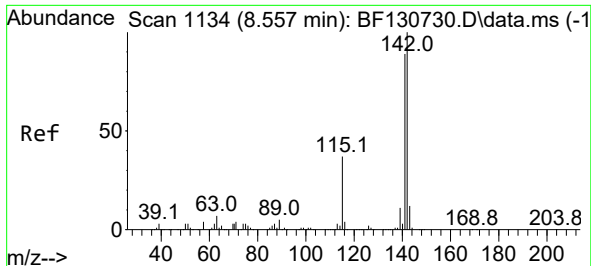
Tgt Ion:122 Resp: 509
Ion Ratio Lower Upper
122 100
105 139.0 109.2 149.2
77 1441.8 75.7 115.7#



#33
4-Chloroaniline
Concen: 37.685 ng
RT: 7.875 min Scan# 1018
Delta R.T. -0.059 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

Tgt Ion:127 Resp: 337070
Ion Ratio Lower Upper
127 100
129 85.3 26.2 39.4#
65 0.0 22.6 33.8#
92 0.0 15.0 22.4#

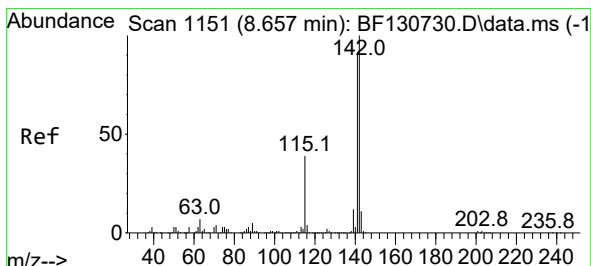
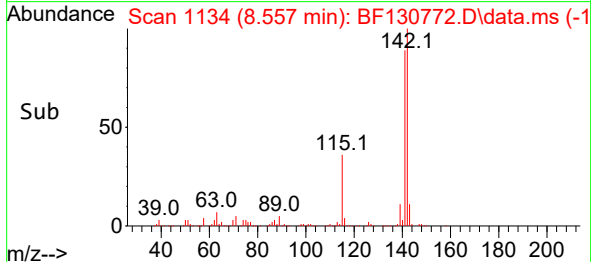
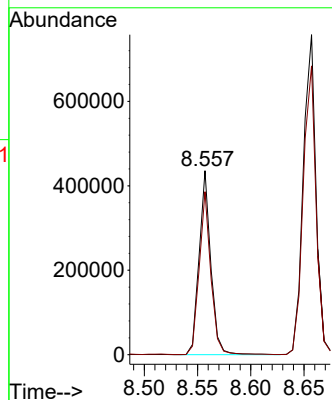
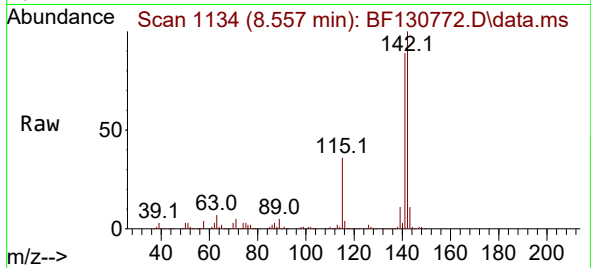




#37
2-Methylnaphthalene
Concen: 21.996 ng
RT: 8.557 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

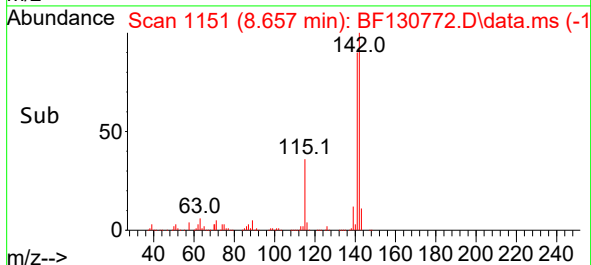
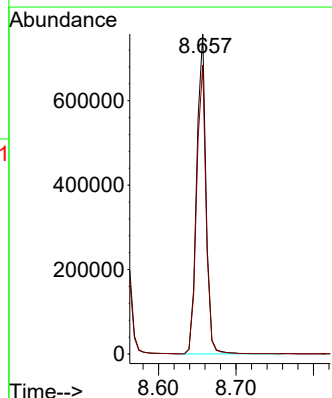
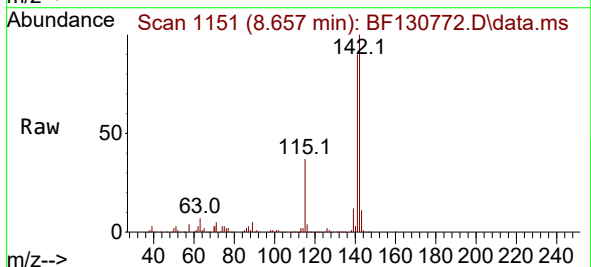
Instrument :
BNA_F
ClientSampleId :

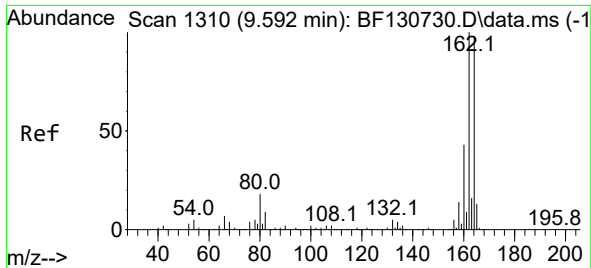
Tgt Ion:142 Resp: 335058
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4



#38
1-Methylnaphthalene
Concen: 41.875 ng
RT: 8.657 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

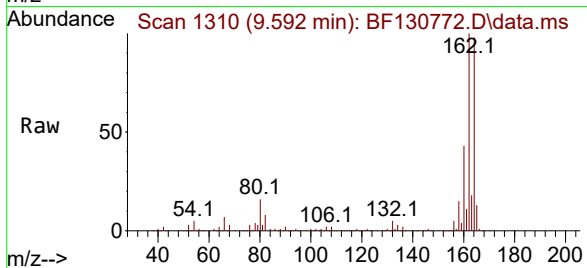
Tgt Ion:142 Resp: 632424
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.4



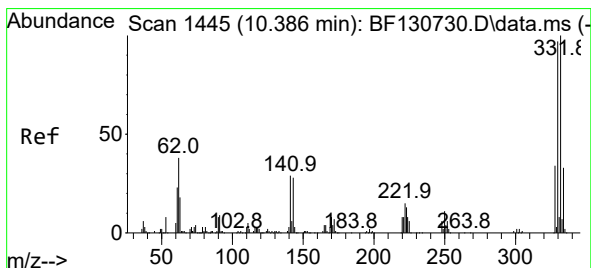
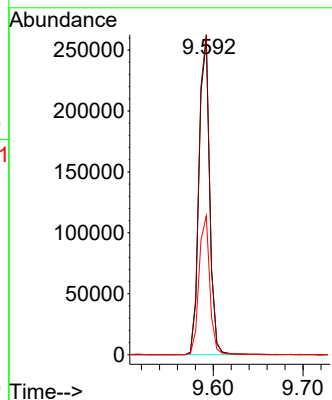
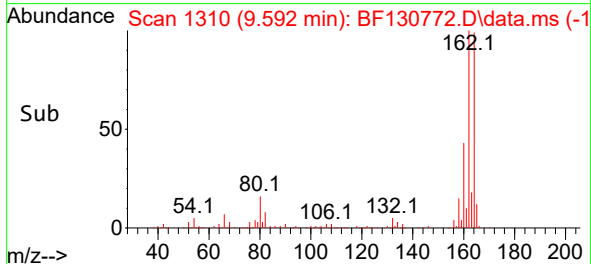


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

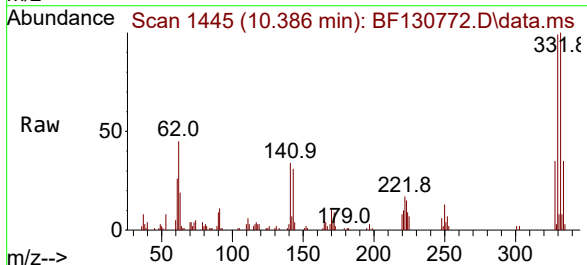
Instrument :
BNA_F
ClientSampleId :



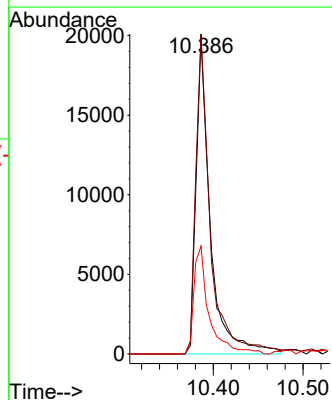
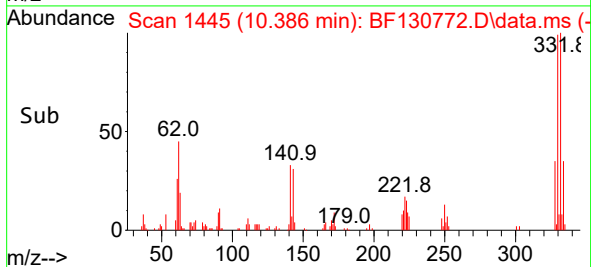
Tgt Ion:164 Resp: 212978
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 44.2 35.0 52.4

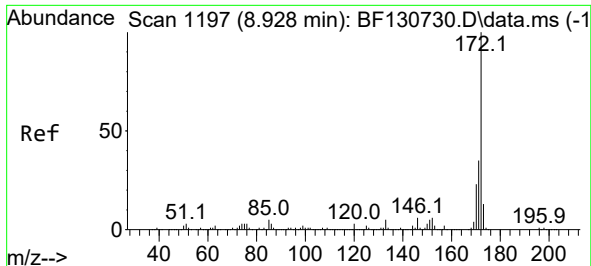


#42
2,4,6-Tribromophenol
Concen: 10.829 ng
RT: 10.386 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42



Tgt Ion:330 Resp: 21933
Ion Ratio Lower Upper
330 100
332 104.2 81.4 122.2
141 36.0 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 9.799 ng

RT: 8.916 min Scan# 1195

Delta R.T. -0.012 min

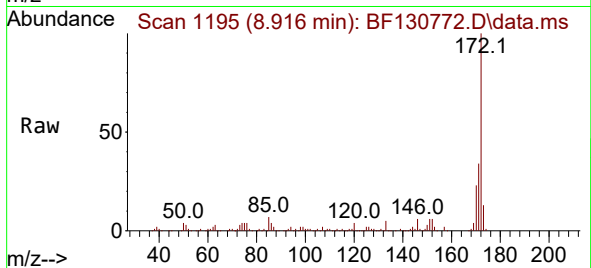
Lab File: BF130772.D

Acq: 25 Oct 2022 16:42

Instrument :

BNA_F

ClientSampleId :



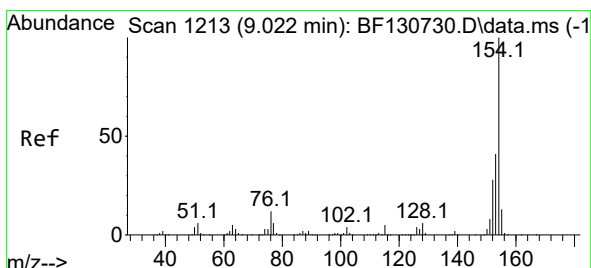
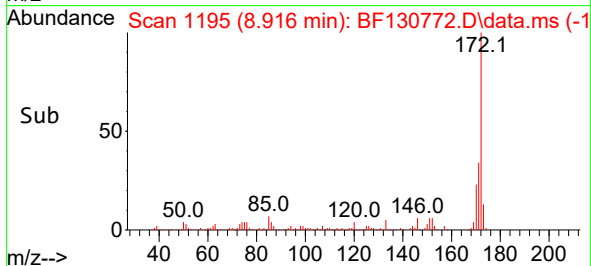
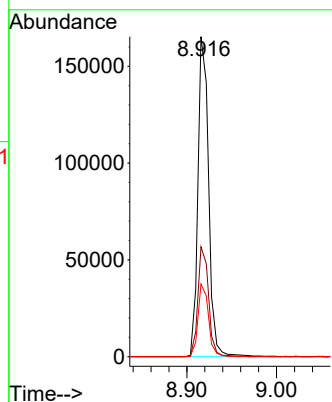
Tgt Ion:172 Resp: 136949

Ion Ratio Lower Upper

172 100

171 34.3 28.2 42.2

170 22.7 18.5 27.7



#46

1,1'-Biphenyl

Concen: 6.158 ng

RT: 9.022 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF130772.D

Acq: 25 Oct 2022 16:42

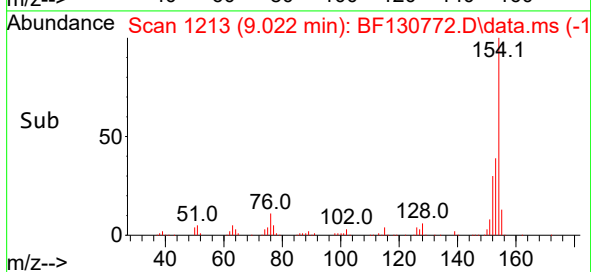
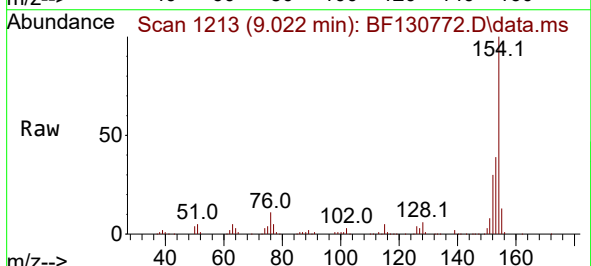
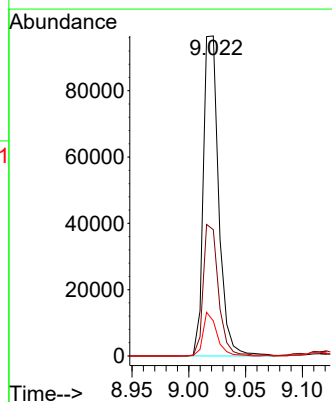
Tgt Ion:154 Resp: 91481

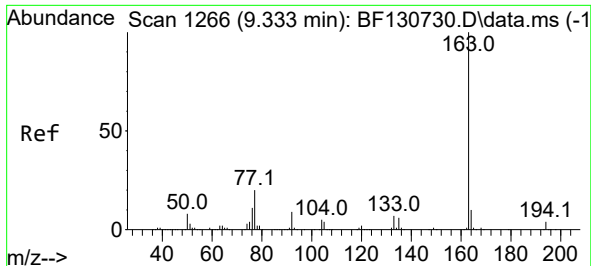
Ion Ratio Lower Upper

154 100

153 39.4 20.7 60.7

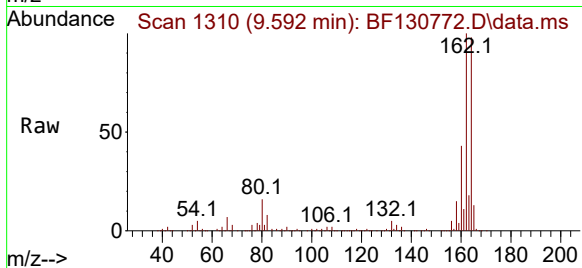
76 10.9 0.0 31.7



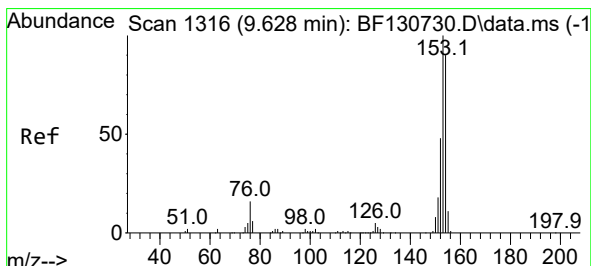
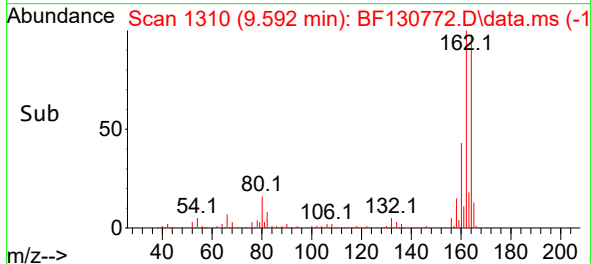
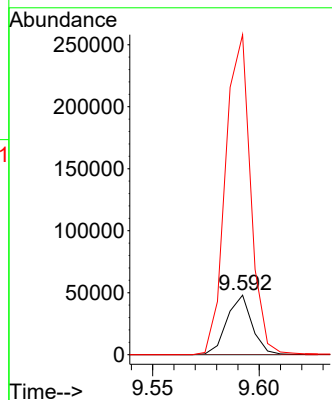


#50
Dimethylphthalate
Concen: 2.756 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

Instrument :
BNA_F
ClientSampleId :

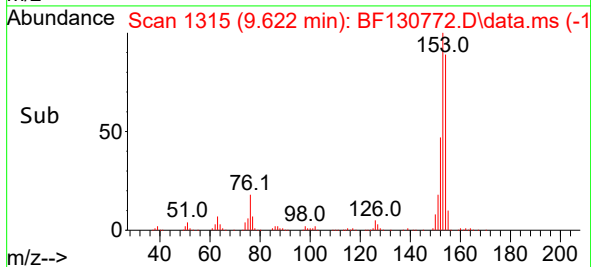
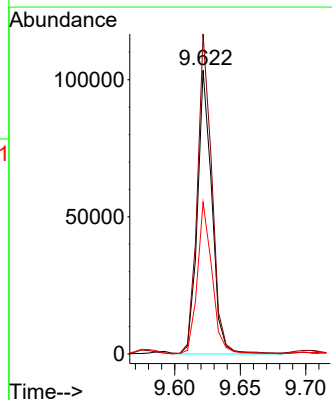
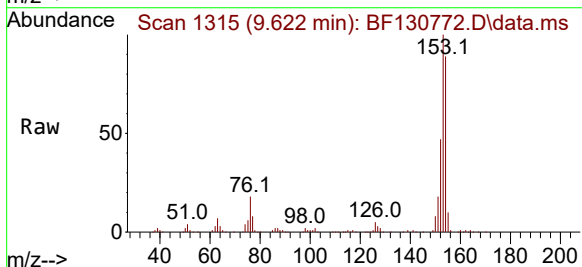


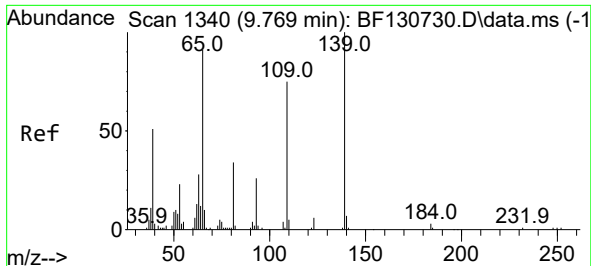
Tgt Ion:163 Resp: 39485
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 537.4 8.1 12.1#



#52
Acenaphthene
Concen: 7.006 ng
RT: 9.622 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

Tgt Ion:154 Resp: 79262
Ion Ratio Lower Upper
154 100
153 112.8 88.4 132.6
152 53.5 42.0 63.0

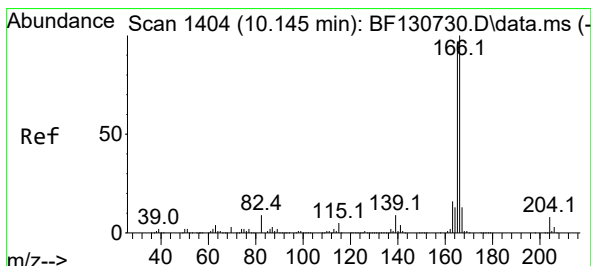
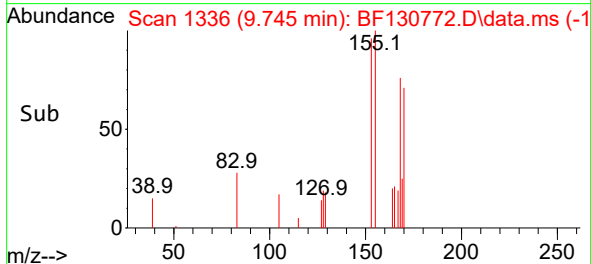
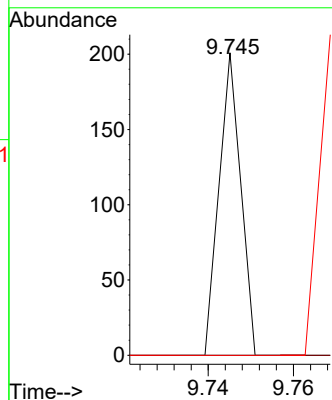
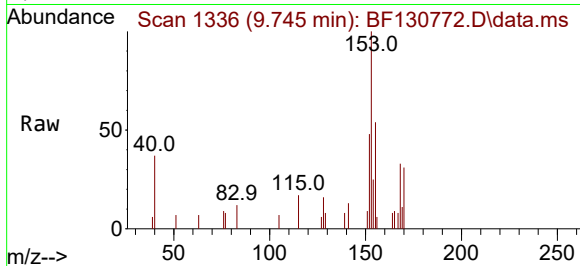




#56
4-Nitrophenol
Concen: 4.631 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

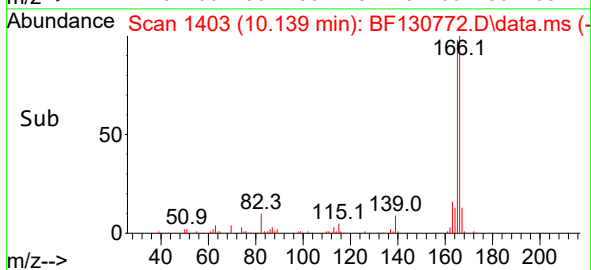
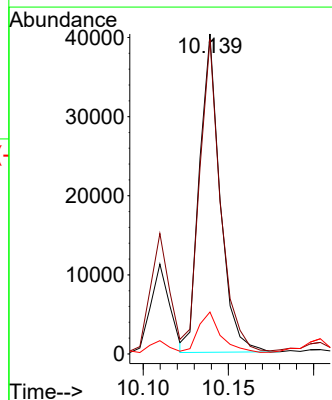
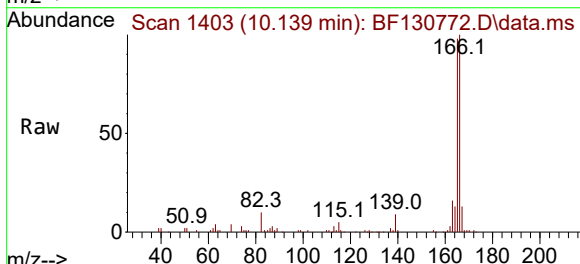
Instrument :
BNA_F
ClientSampleId :

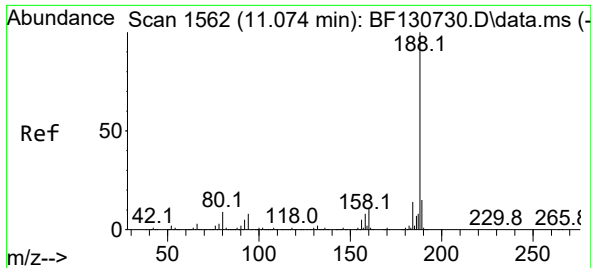
Tgt Ion:139 Resp: 71
Ion Ratio Lower Upper
139 100
109 0.0 55.1 95.1#
65 0.0 72.2 112.2#



#58
Fluorene
Concen: 2.332 ng
RT: 10.139 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

Tgt Ion:166 Resp: 33778
Ion Ratio Lower Upper
166 100
165 98.3 77.6 116.4
167 13.1 10.3 15.5

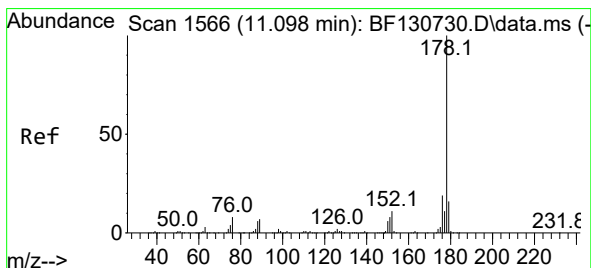
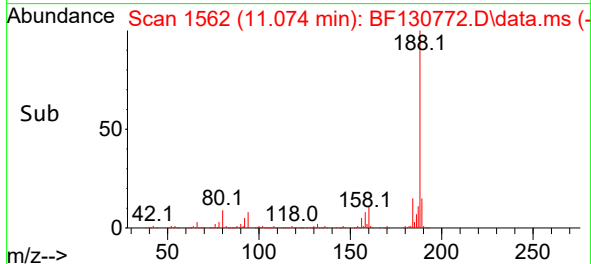
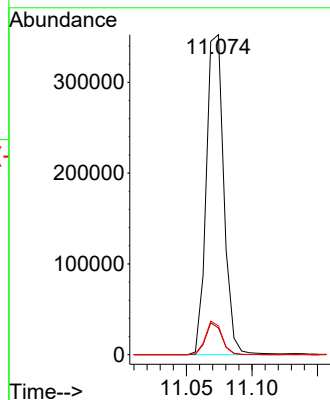
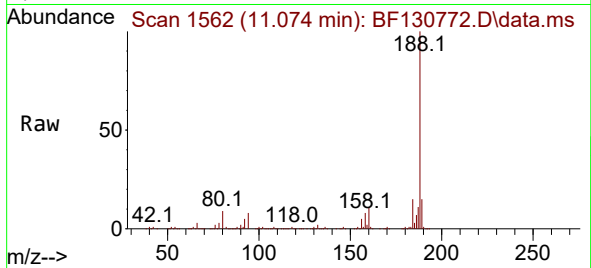




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.074 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

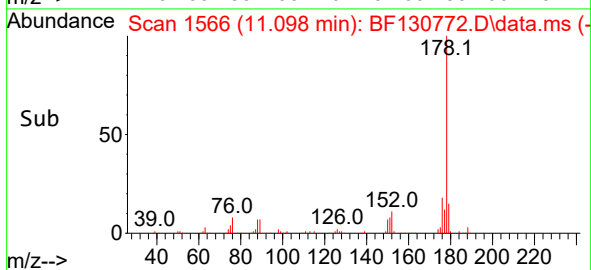
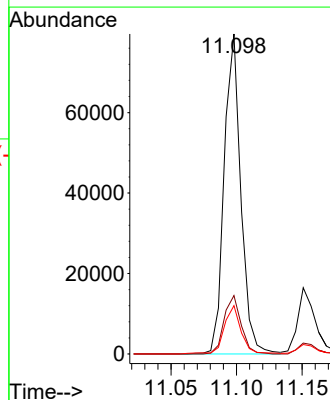
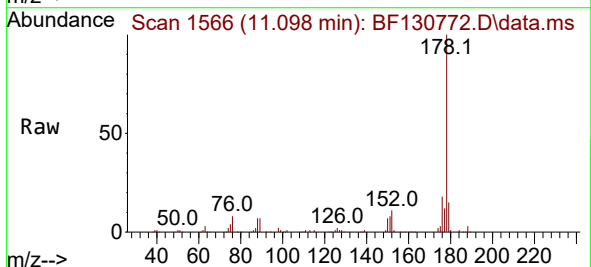
Instrument :
BNA_F
ClientSampleId :

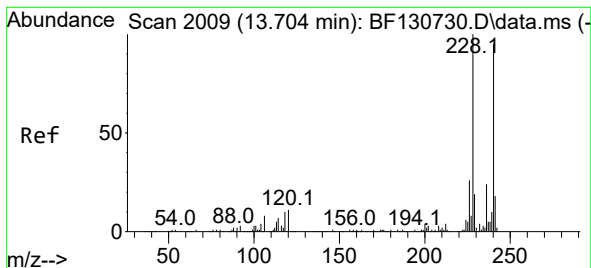
Tgt Ion:188 Resp: 329145
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.0 7.4 11.0



#71
Phenanthrene
Concen: 3.896 ng
RT: 11.098 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

Tgt Ion:178 Resp: 70327
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 15.1 12.4 18.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.704 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF130772.D

Acq: 25 Oct 2022 16:42

Instrument :

BNA_F

ClientSampleId :

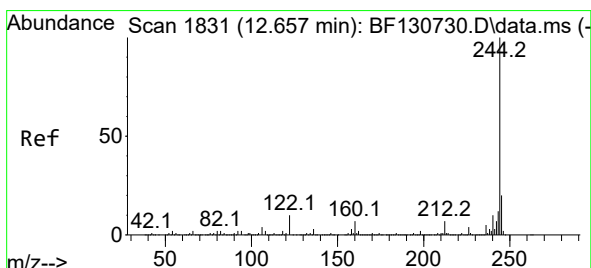
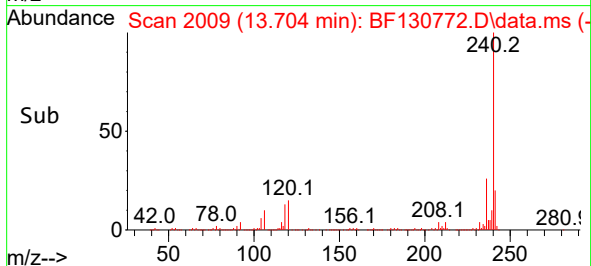
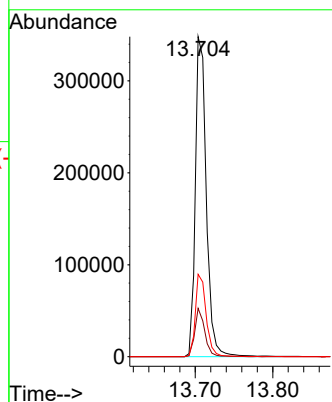
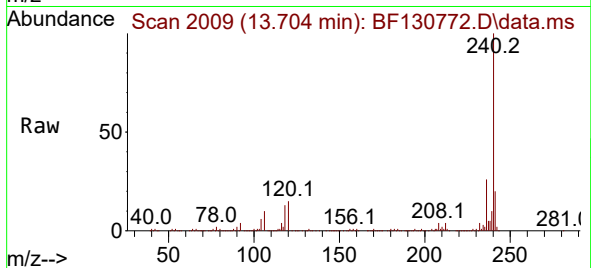
Tgt Ion:240 Resp: 343124

Ion Ratio Lower Upper

240 100

120 15.1 9.6 14.4#

236 25.8 20.2 30.2



#79

Terphenyl-d14

Concen: 8.365 ng

RT: 12.651 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF130772.D

Acq: 25 Oct 2022 16:42

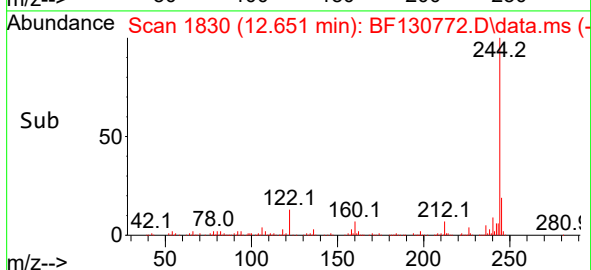
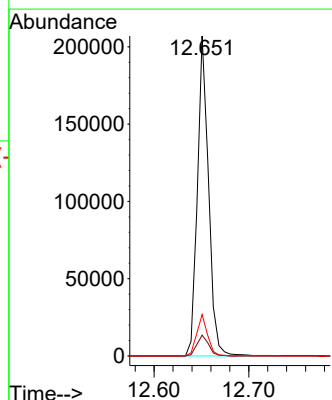
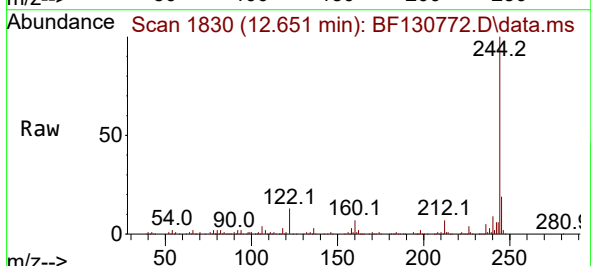
Tgt Ion:244 Resp: 170330

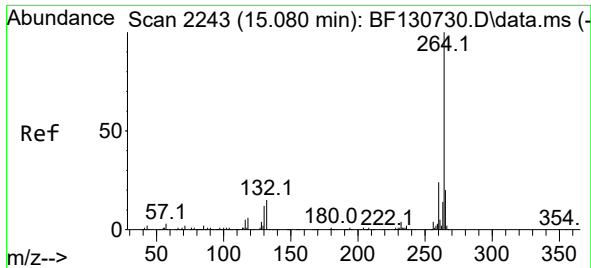
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

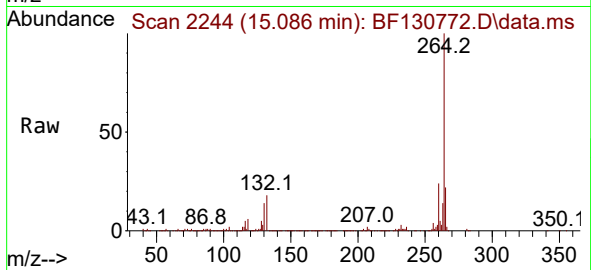
122 13.0 8.2 12.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF130772.D
 Acq: 25 Oct 2022 16:42

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 275101
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 22.3 16.2 24.4

