

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
 Data File : BF130778.D
 Acq On : 25 Oct 2022 20:07
 Operator : CG\JU
 Sample : N5222-16DL 20X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 13:50:39 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)

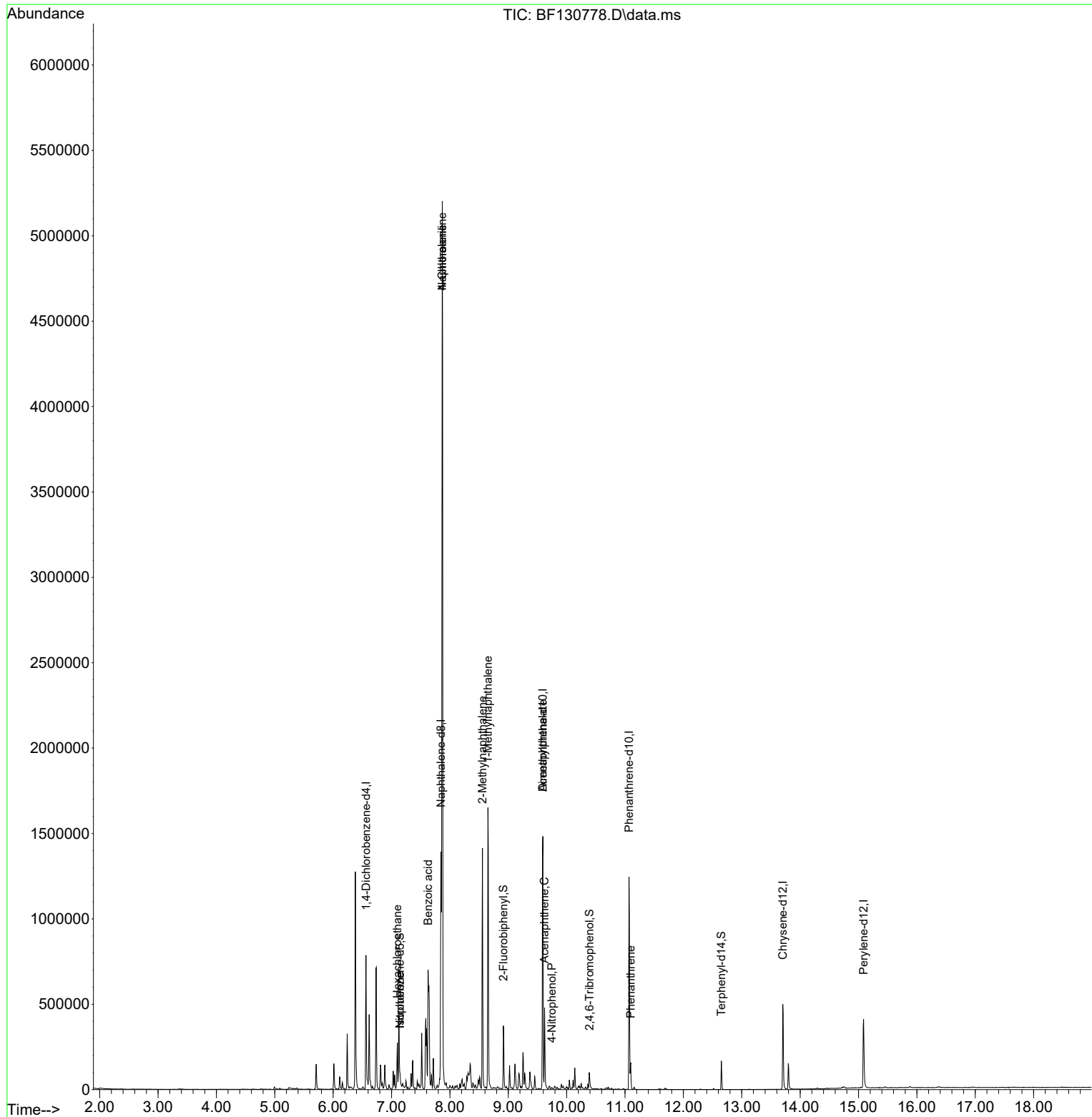
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	120034	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	586658	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	308357	20.000	ng	0.00
64) Phenanthrene-d10	11.069	188	440539	20.000	ng	# 0.00
76) Chrysene-d12	13.704	240	183967	20.000	ng	0.00
86) Perylene-d12	15.086	264	182621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	11594	1.666	ng	0.08
7) Phenol-d6	6.286	99	16292	1.934	ng	0.06
23) Nitrobenzene-d5	7.145	82	43182	3.905	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	14669	5.002	ng	0.00
45) 2-Fluorobiphenyl	8.916	172	110946	5.483	ng	-0.01
79) Terphenyl-d14	12.651	244	55566	5.090	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.098	117	17266	5.137	ng	# 1
25) Isophorone	7.145	82	43182	2.370	ng	# 65
31) Naphthalene	7.869	128	2510710	83.002	ng	98
32) Benzoic acid	7.628	122	344	6.077	ng	# 1
33) 4-Chloroaniline	7.869	127	334563	28.749	ng	# 31
37) 2-Methylnaphthalene	8.557	142	345551	17.435	ng	97
38) 1-Methylnaphthalene	8.651	142	441246	22.456	ng	100
50) Dimethylphthalate	9.592	163	58364	2.814	ng	# 1
52) Acenaphthene	9.622	154	91901	5.610	ng	98
56) 4-Nitrophenol	9.745	139	159	4.696	ng	# 7
71) Phenanthrene	11.098	178	57415	2.377	ng	98
77) Benzidine	12.651	184	714	Below Cal		# 84

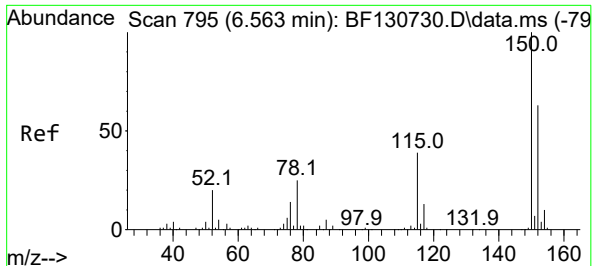
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
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Instrument :
BNA_F
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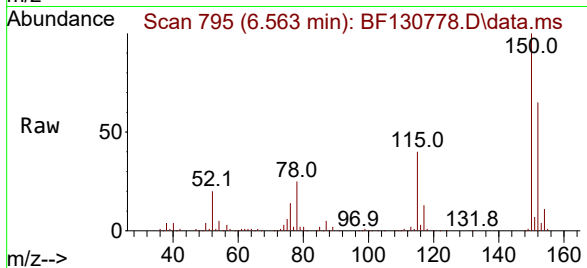
Quant Time: Oct 26 13:50:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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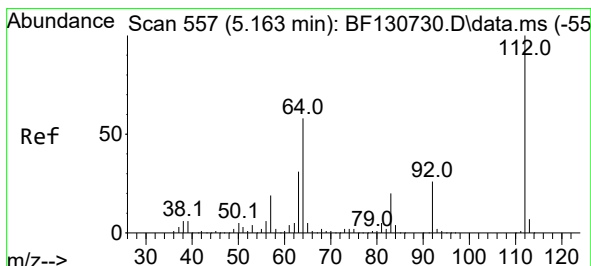
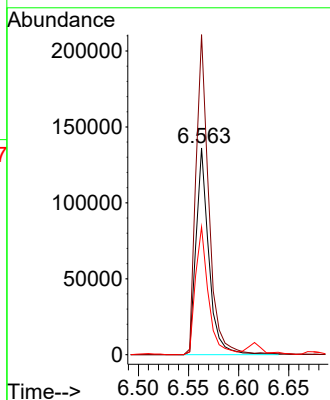
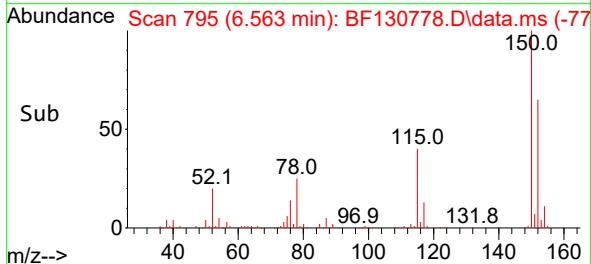


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

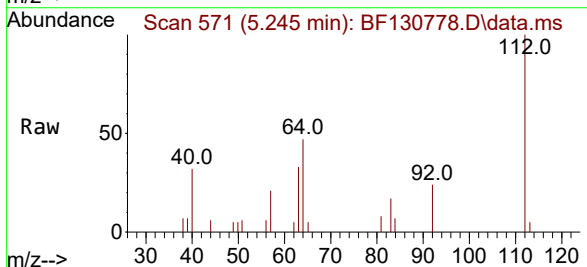
Instrument :
BNA_F
ClientSampleId :



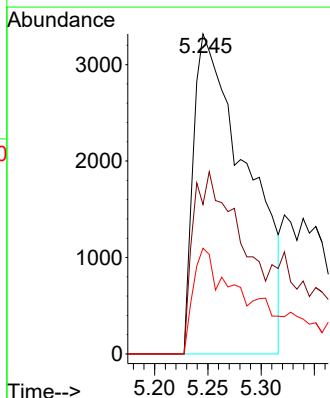
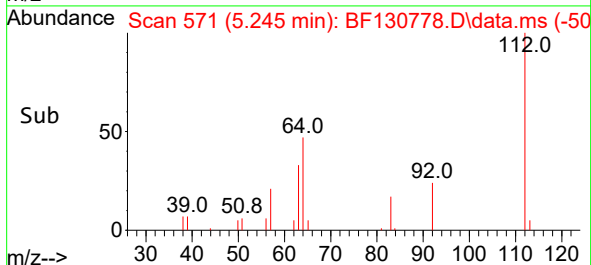
Tgt Ion:152 Resp: 120034
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.6
115 61.8 49.9 74.9

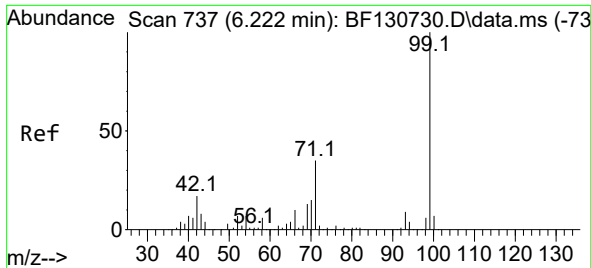


#5
2-Fluorophenol
Concen: 1.666 ng
RT: 5.245 min Scan# 571
Delta R.T. 0.082 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07



Tgt Ion:112 Resp: 11594
Ion Ratio Lower Upper
112 100
64 46.7 46.2 69.4
63 33.0 25.1 37.7

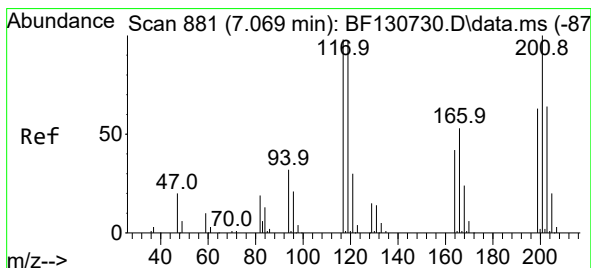
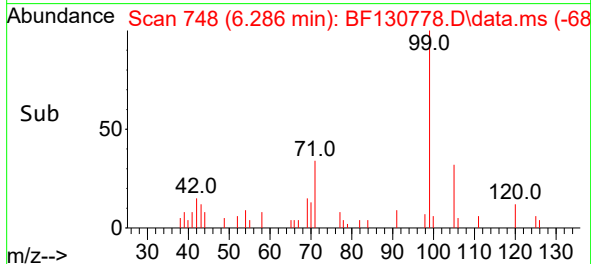
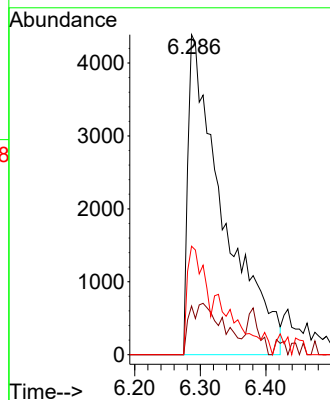
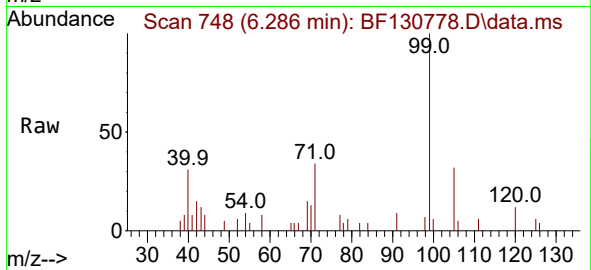




#7
Phenol-d6
Concen: 1.934 ng
RT: 6.286 min Scan# 74
Delta R.T. 0.064 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

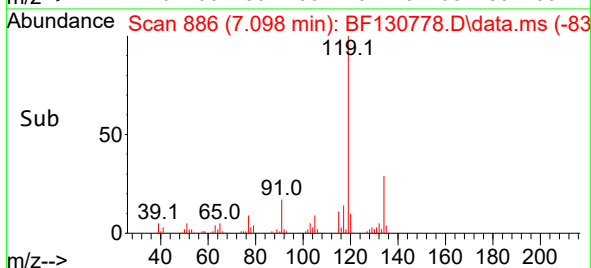
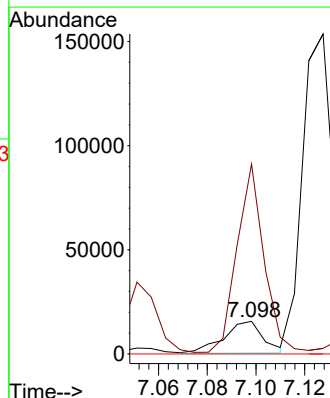
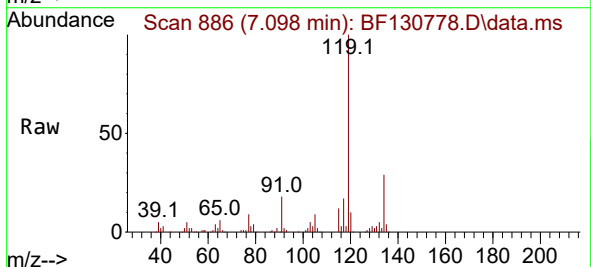
Instrument :
BNA_F
ClientSampleId :

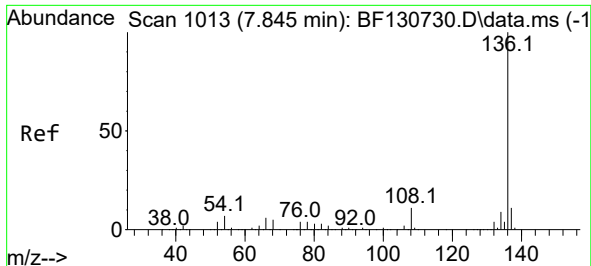
Tgt Ion: 99 Resp: 16292
Ion Ratio Lower Upper
99 100
42 15.2 13.8 20.8
71 33.9 28.3 42.5



#18
Hexachloroethane
Concen: 5.137 ng
RT: 7.098 min Scan# 886
Delta R.T. 0.029 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

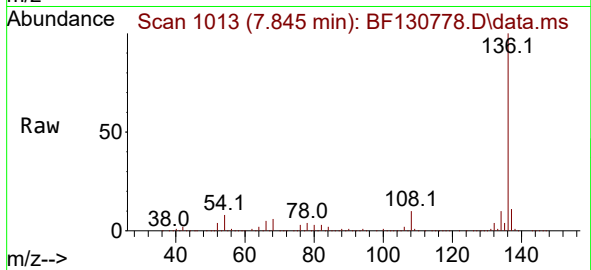
Tgt Ion: 117 Resp: 17266
Ion Ratio Lower Upper
117 100
119 581.7 79.1 118.7#
201 0.0 81.5 122.3#



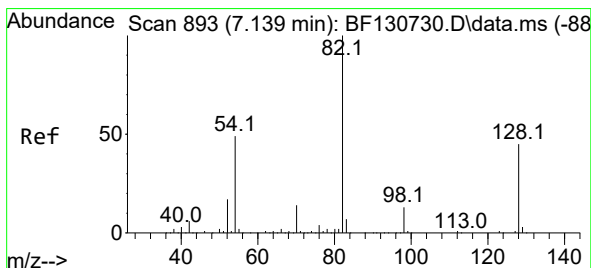
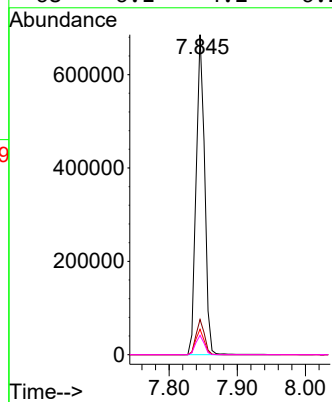
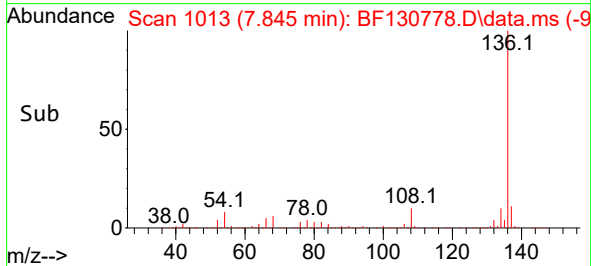


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

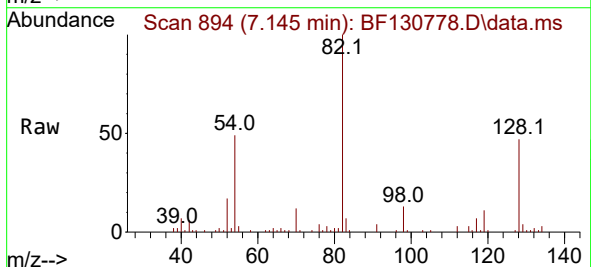
Instrument :
BNA_F
ClientSampleId :



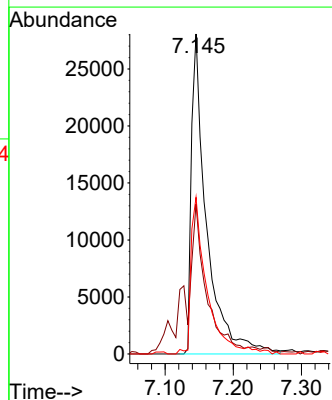
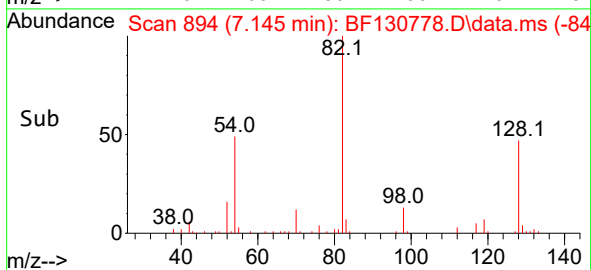
Tgt Ion:136 Resp: 586658
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.0 5.8 8.8
68 6.1 4.2 6.2

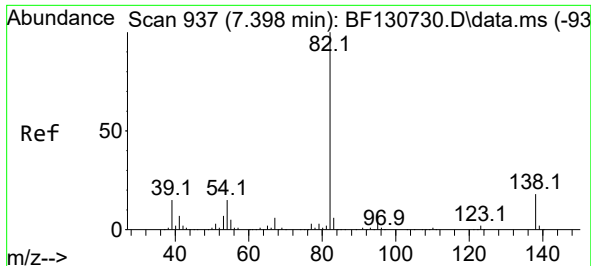


#23
Nitrobenzene-d5
Concen: 3.905 ng
RT: 7.145 min Scan# 894
Delta R.T. 0.006 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07



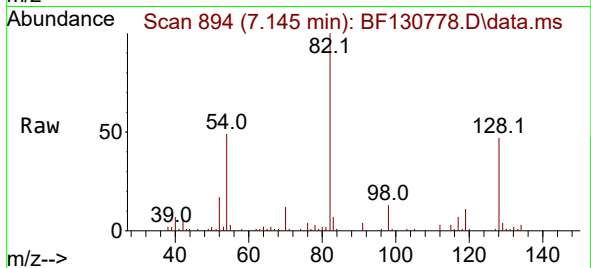
Tgt Ion: 82 Resp: 43182
Ion Ratio Lower Upper
82 100
128 46.9 35.9 53.9
54 48.9 39.2 58.8



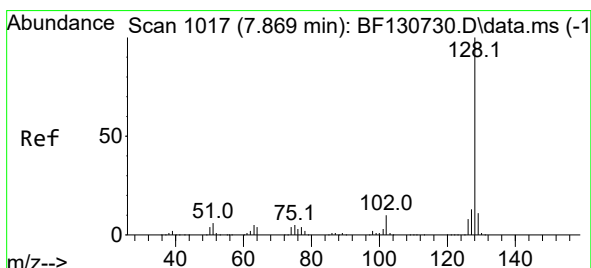
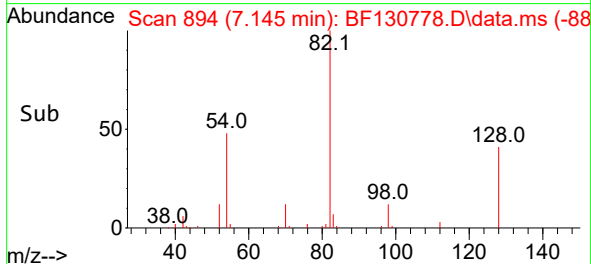
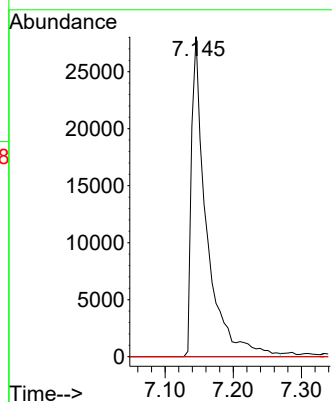


#25
Isophorone
Concen: 2.370 ng
RT: 7.145 min Scan# 894
Delta R.T. -0.253 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

Instrument :
BNA_F
ClientSampleId :

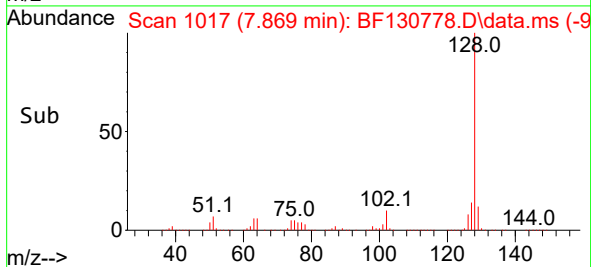
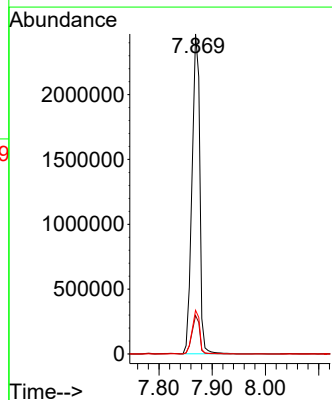
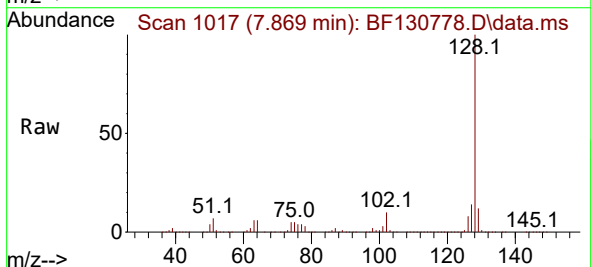


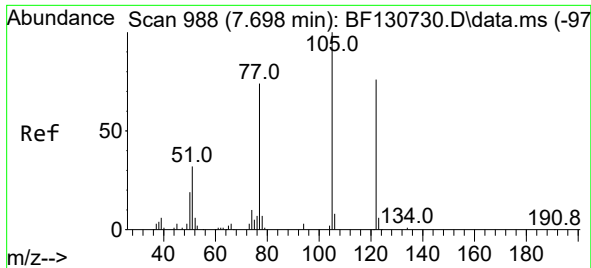
Tgt Ion: 82 Resp: 43182
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#31
Naphthalene
Concen: 83.002 ng
RT: 7.869 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

Tgt Ion:128 Resp: 2510710
Ion Ratio Lower Upper
128 100
129 12.0 8.9 13.3
127 13.7 10.6 16.0

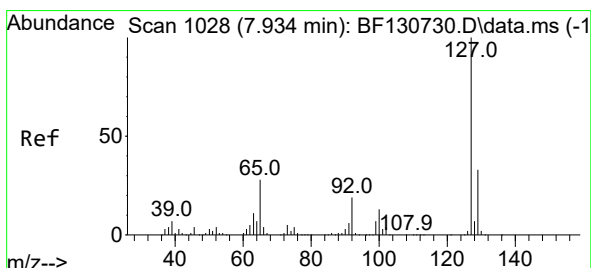
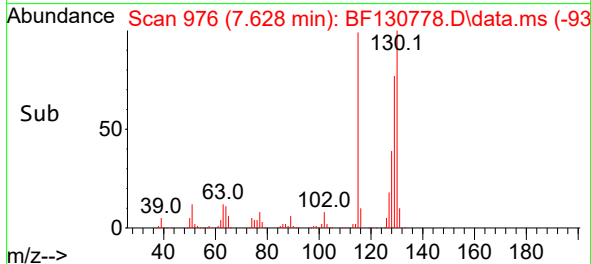
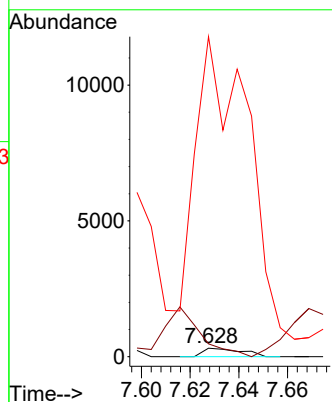
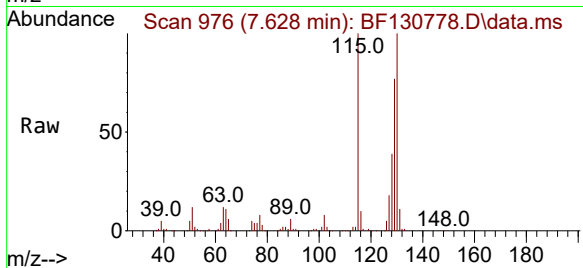




#32
Benzoic acid
Concen: 6.077 ng
RT: 7.628 min Scan# 91
Delta R.T. -0.070 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

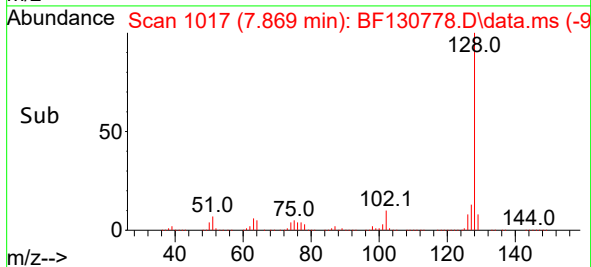
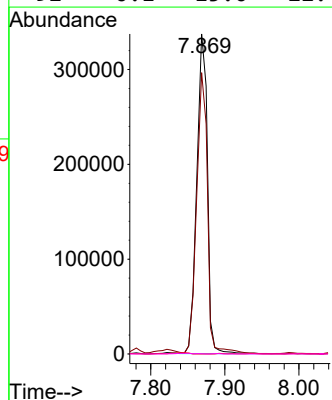
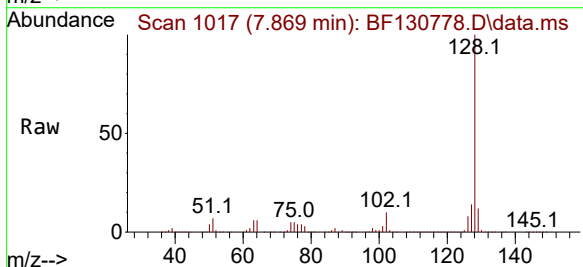
Instrument :
BNA_F
ClientSampleId :

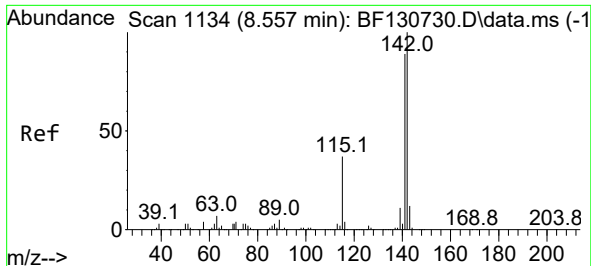
Tgt Ion:122 Resp: 344
Ion Ratio Lower Upper
122 100
105 150.5 109.2 149.2#
77 3740.3 75.7 115.7#



#33
4-Chloroaniline
Concen: 28.749 ng
RT: 7.869 min Scan# 1017
Delta R.T. -0.065 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

Tgt Ion:127 Resp: 334563
Ion Ratio Lower Upper
127 100
129 87.9 26.2 39.4#
65 0.0 22.6 33.8#
92 0.1 15.0 22.4#

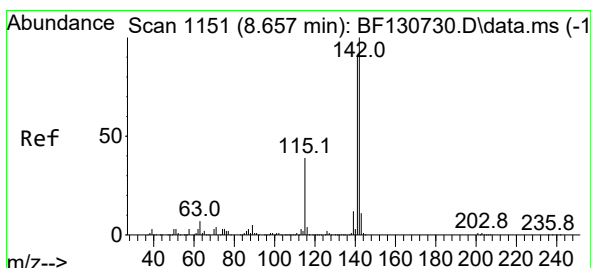
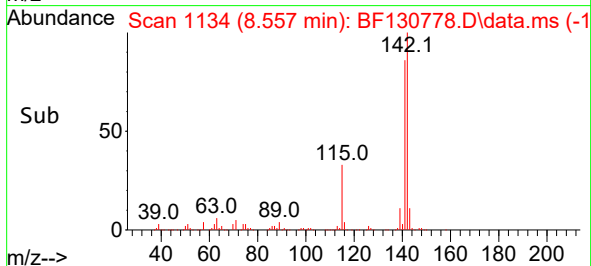
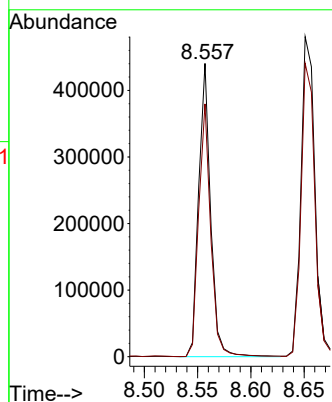
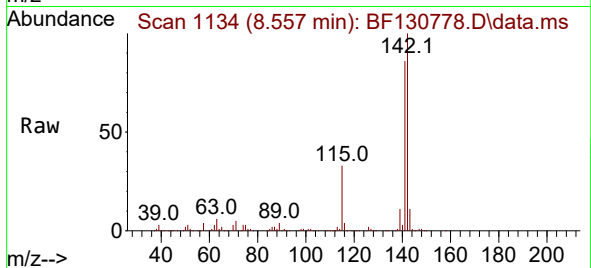




#37
2-Methylnaphthalene
Concen: 17.435 ng
RT: 8.557 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

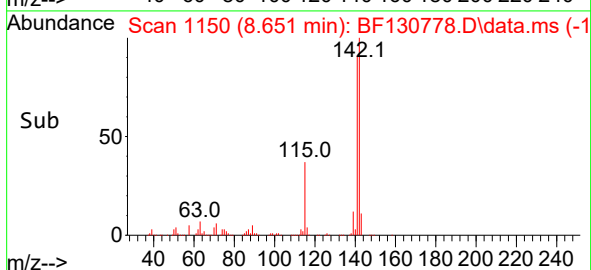
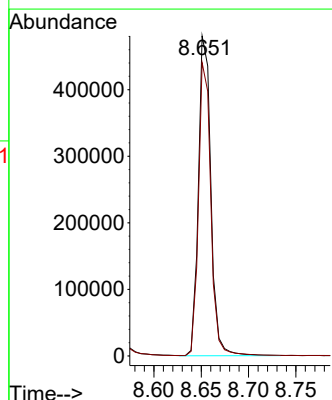
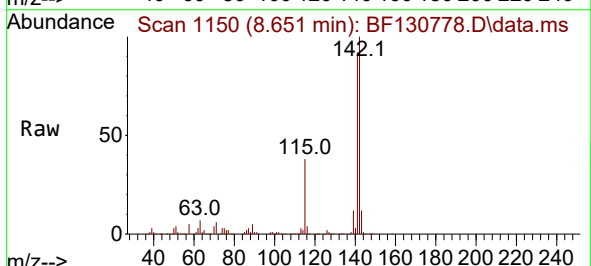
Instrument :
BNA_F
ClientSampleId :

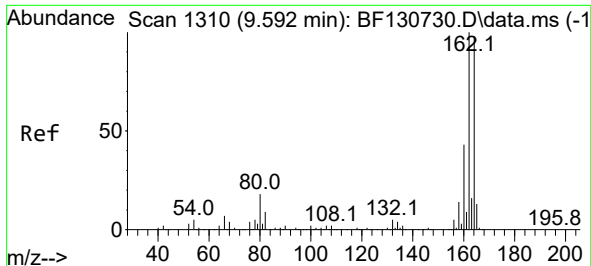
Tgt Ion:142 Resp: 345551
Ion Ratio Lower Upper
142 100
141 86.2 71.0 106.4



#38
1-Methylnaphthalene
Concen: 22.456 ng
RT: 8.651 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

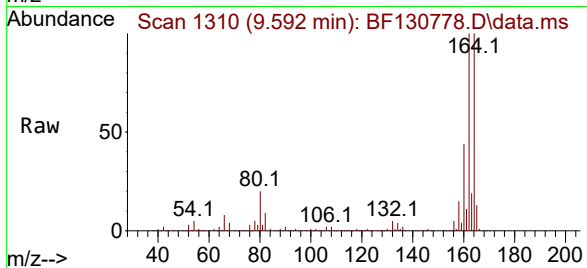
Tgt Ion:142 Resp: 441246
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.4



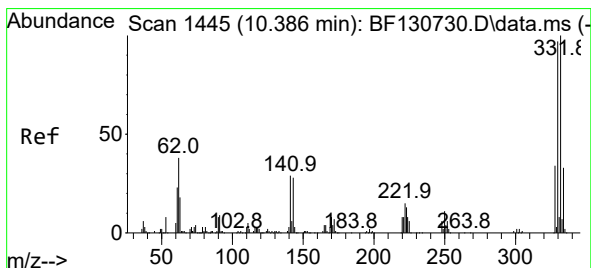
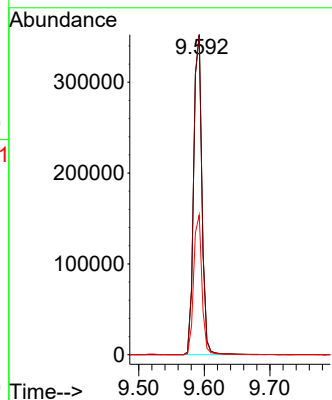
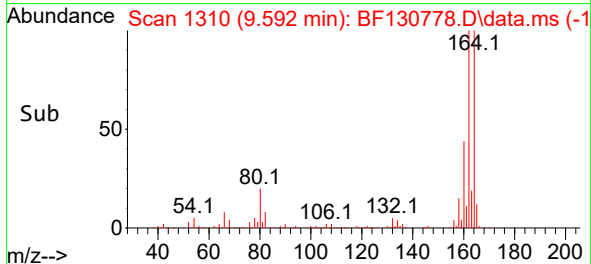


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

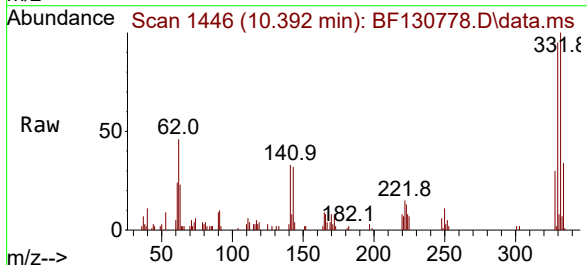
Instrument :
BNA_F
ClientSampleId :



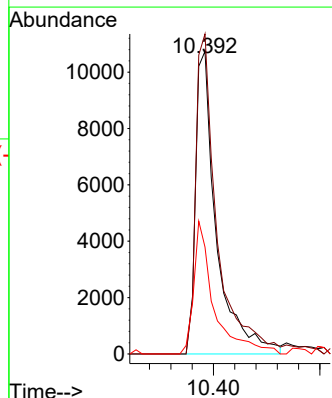
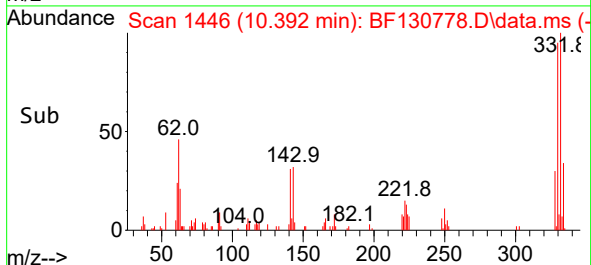
Tgt Ion:164 Resp: 308357
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 43.7 35.0 52.4

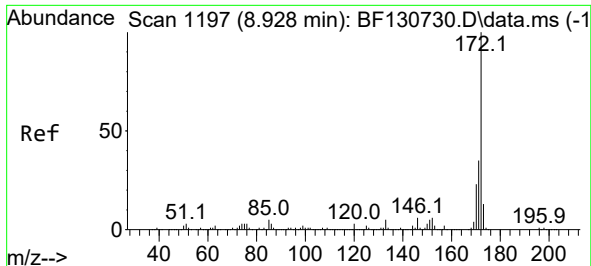


#42
2,4,6-Tribromophenol
Concen: 5.002 ng
RT: 10.392 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07



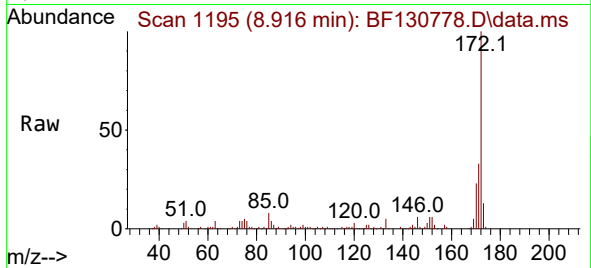
Tgt Ion:330 Resp: 14669
Ion Ratio Lower Upper
330 100
332 110.2 81.4 122.2
141 42.3 24.6 37.0#



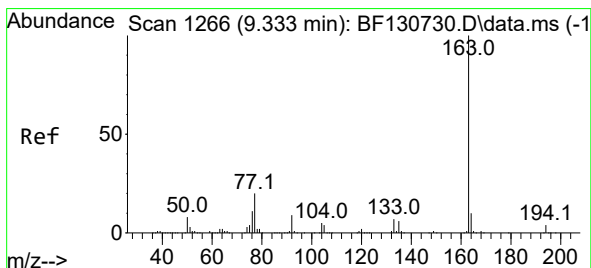
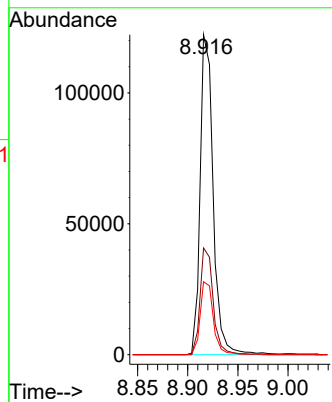
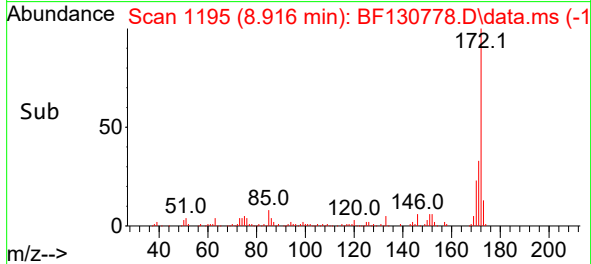


#45
2-Fluorobiphenyl
Concen: 5.483 ng
RT: 8.916 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

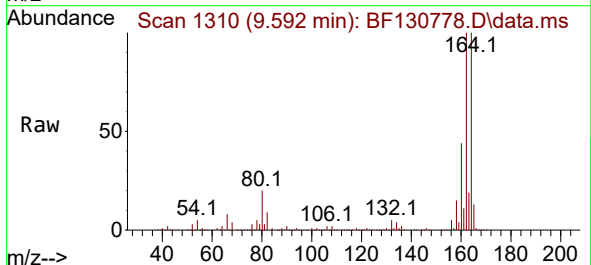
Instrument :
BNA_F
ClientSampleId :



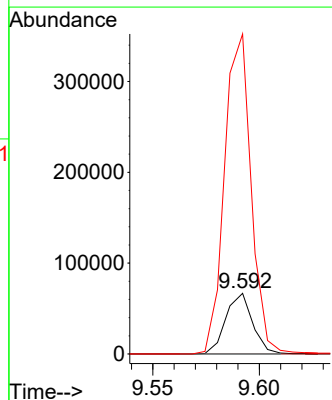
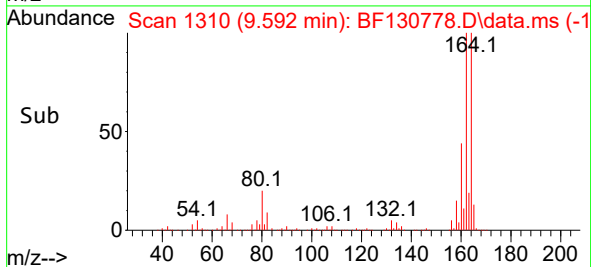
Tgt Ion:172 Resp: 110946
Ion Ratio Lower Upper
172 100
171 33.4 28.2 42.2
170 22.8 18.5 27.7

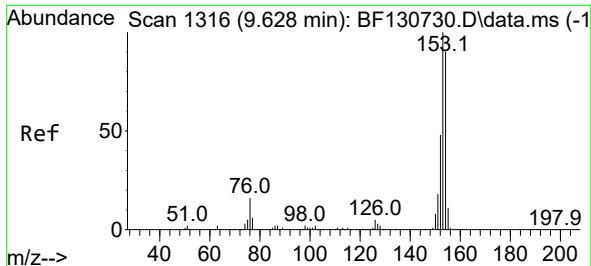


#50
Dimethylphthalate
Concen: 2.814 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07



Tgt Ion:163 Resp: 58364
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 527.0 8.1 12.1#

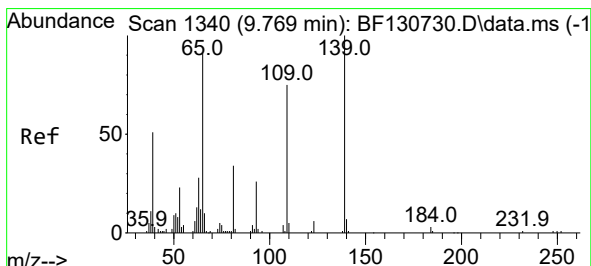
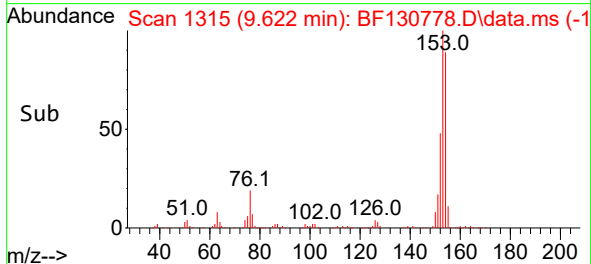
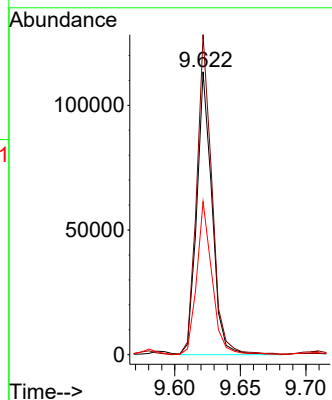
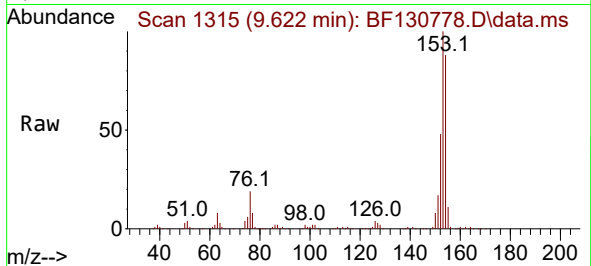




#52
Acenaphthene
Concen: 5.610 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

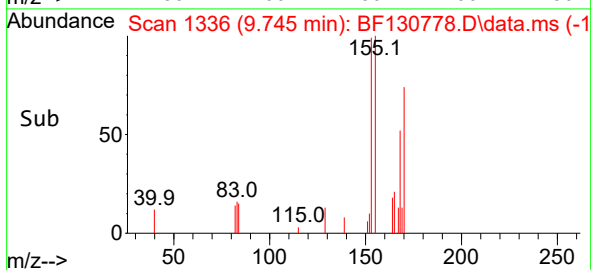
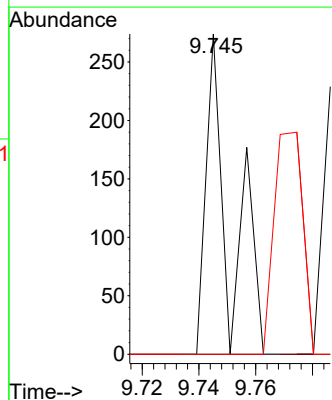
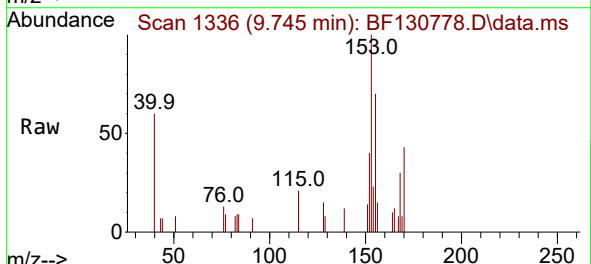
Instrument :
BNA_F
ClientSampleId :

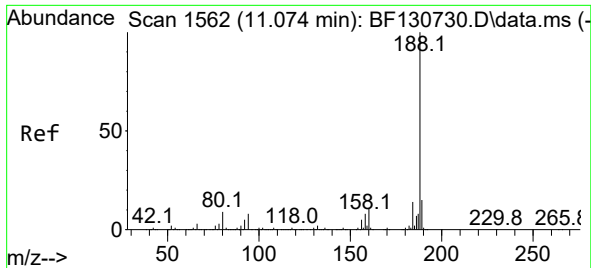
Tgt Ion:154 Resp: 91901
Ion Ratio Lower Upper
154 100
153 113.1 88.4 132.6
152 54.1 42.0 63.0



#56
4-Nitrophenol
Concen: 4.696 ng
RT: 9.745 min Scan# 1336
Delta R.T. -0.024 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

Tgt Ion:139 Resp: 159
Ion Ratio Lower Upper
139 100
109 0.0 55.1 95.1#
65 0.0 72.2 112.2#

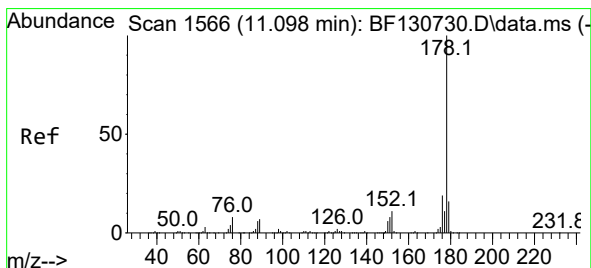
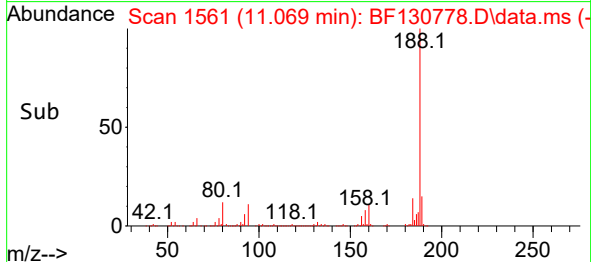
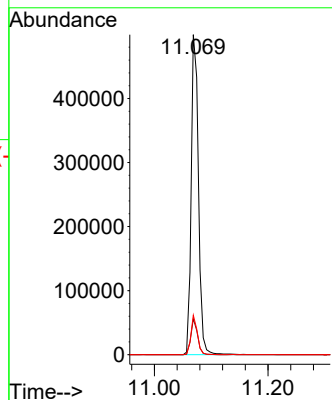
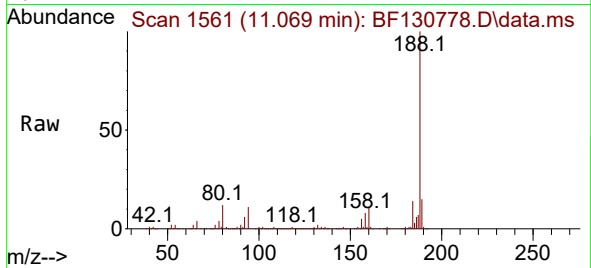




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

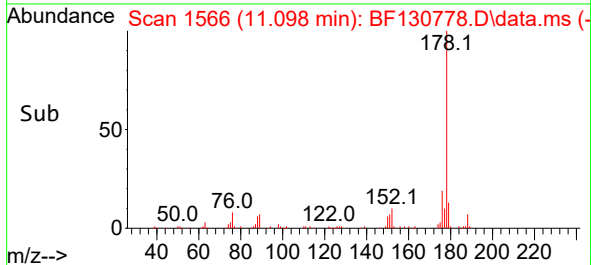
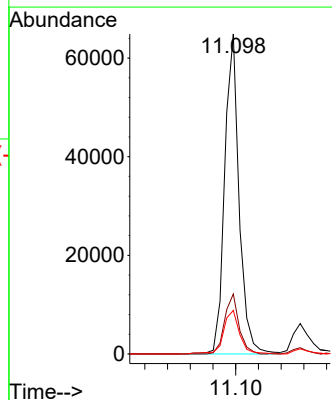
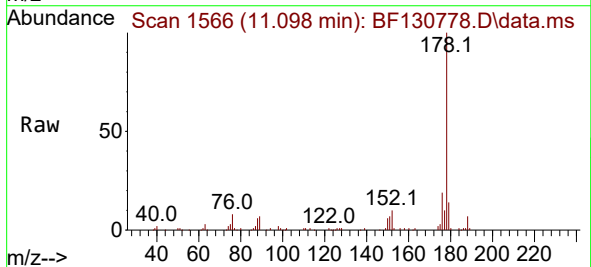
Instrument :
BNA_F
ClientSampleId :

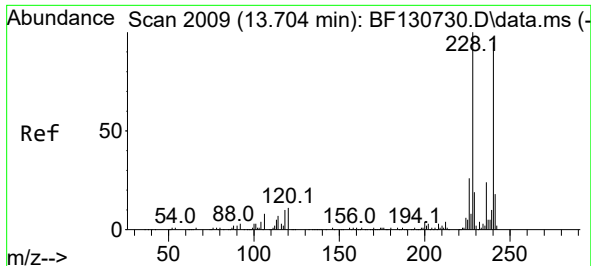
Tgt Ion:188 Resp: 440539
Ion Ratio Lower Upper
188 100
94 11.2 6.7 10.1#
80 12.3 7.4 11.0#



#71
Phenanthrene
Concen: 2.377 ng
RT: 11.098 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

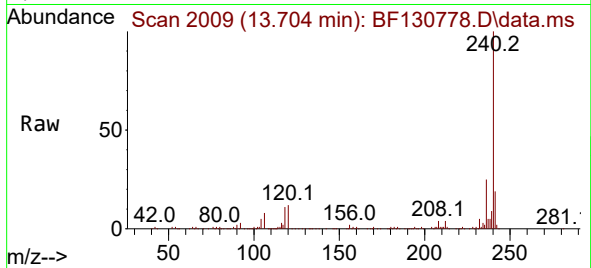
Tgt Ion:178 Resp: 57415
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 13.6 12.4 18.6



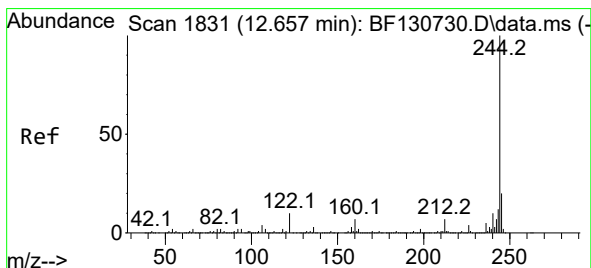
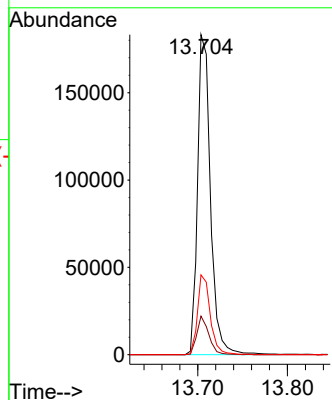
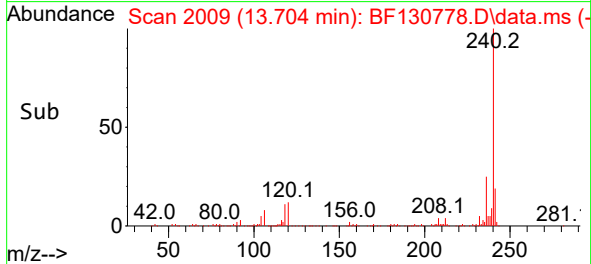


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.704 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

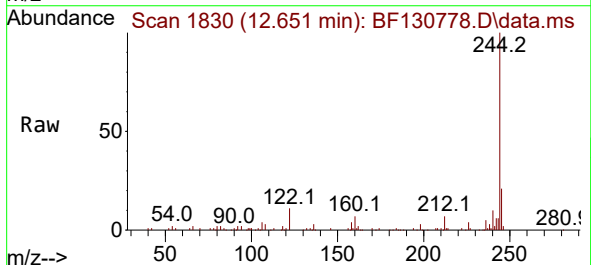
Instrument :
BNA_F
ClientSampleId :



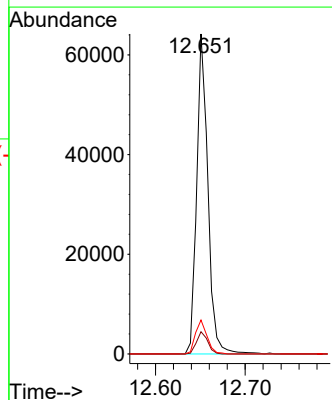
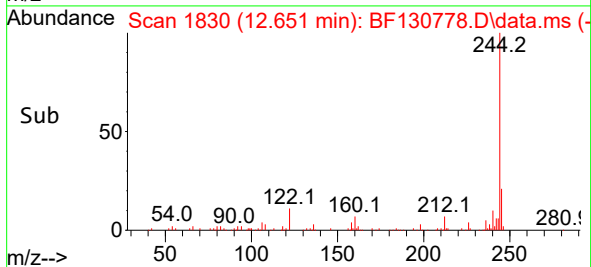
Tgt Ion:240 Resp: 183967
Ion Ratio Lower Upper
240 100
120 12.1 9.6 14.4
236 25.0 20.2 30.2

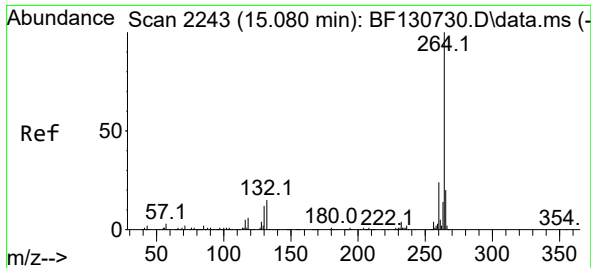


#79
Terphenyl-d14
Concen: 5.090 ng
RT: 12.651 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07



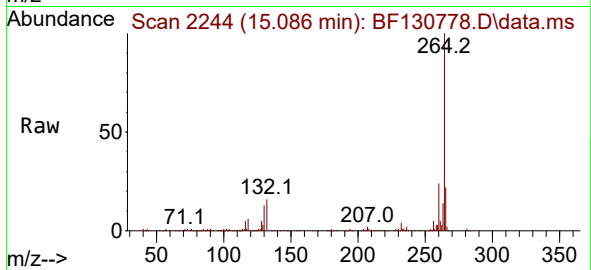
Tgt Ion:244 Resp: 55566
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 10.6 8.2 12.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF130778.D
 Acq: 25 Oct 2022 20:07

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 182621
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.8 16.2 24.4

