

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
 Data File : BF130779.D
 Acq On : 25 Oct 2022 20:42
 Operator : CG\JU
 Sample : N5256-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 13:50:54 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)

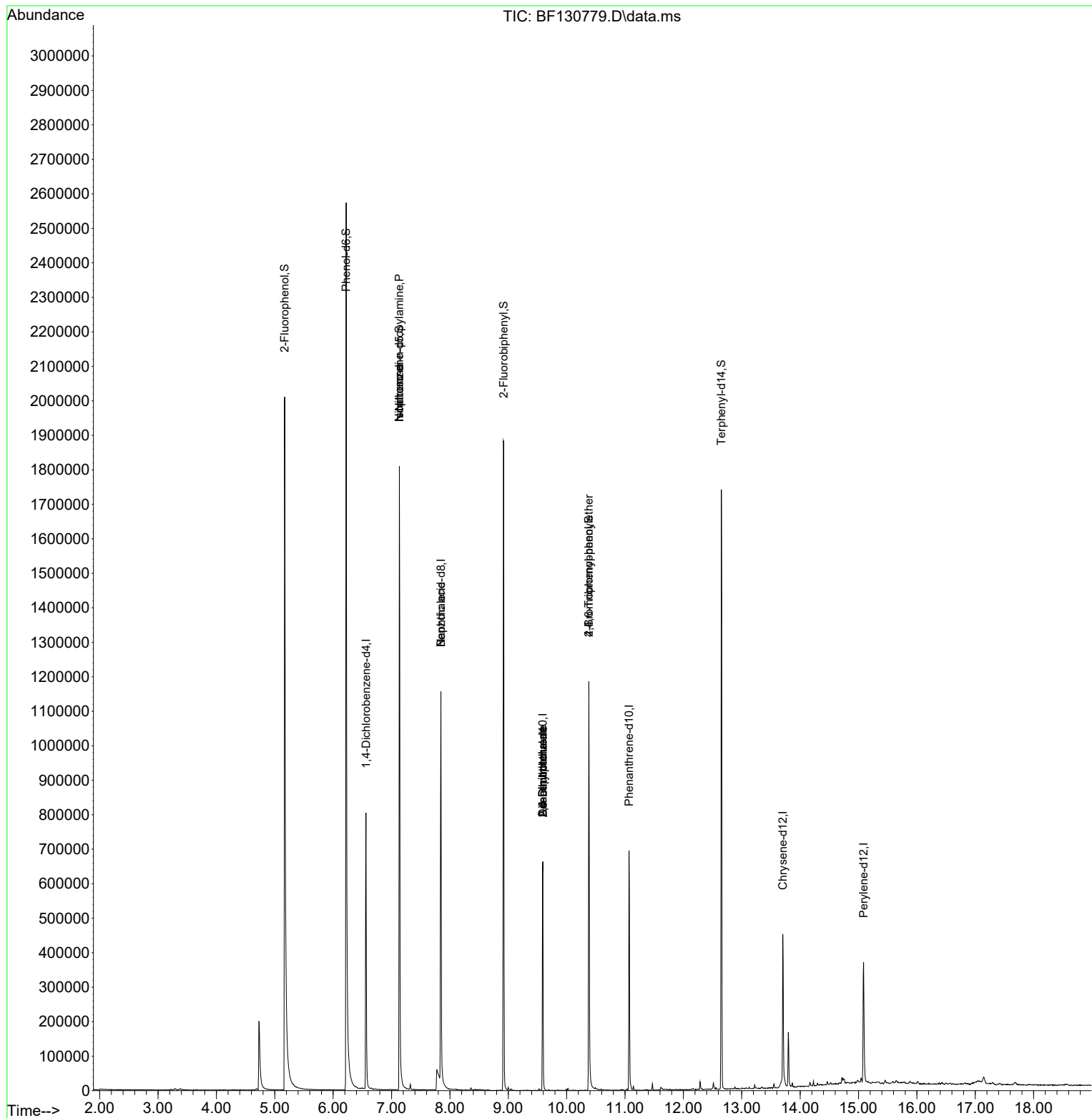
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	124749	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	494555	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	144852	20.000	ng	0.00
64) Phenanthrene-d10	11.069	188	249338	20.000	ng	0.00
76) Chrysene-d12	13.704	240	147112	20.000	ng	0.00
86) Perylene-d12	15.086	264	155228	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.169	112	795309	109.935	ng	0.00
7) Phenol-d6	6.222	99	1000676	114.325	ng	0.00
23) Nitrobenzene-d5	7.134	82	585986	62.855	ng	0.00
42) 2,4,6-Tribromophenol	10.380	330	147925	107.384	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	601195	63.249	ng	0.00
79) Terphenyl-d14	12.651	244	586547	67.190	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.134	70	74177	12.542	ng	# 78
25) Isophorone	7.134	82	585982	38.149	ng	# 65
32) Benzoic acid	7.845	122	71	6.026	ng	# 1
50) Dimethylphthalate	9.592	163	26621	2.732	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	18929	8.676	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	18929	6.440	ng	# 28
67) 4-Bromophenyl-phenylether	10.380	248	8973	2.992	ng	# 1
77) Benzidine	12.651	184	7789	Below Cal		# 95

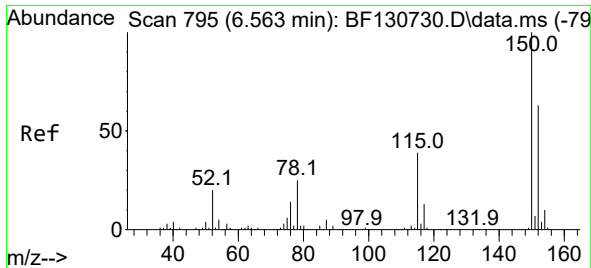
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

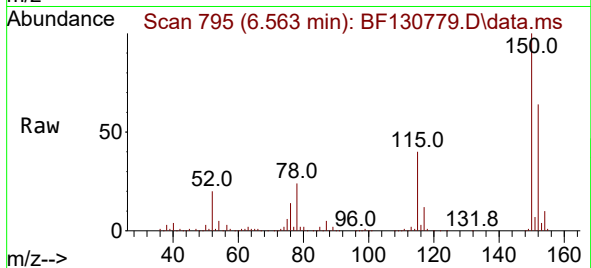
Quant Time: Oct 26 13:50:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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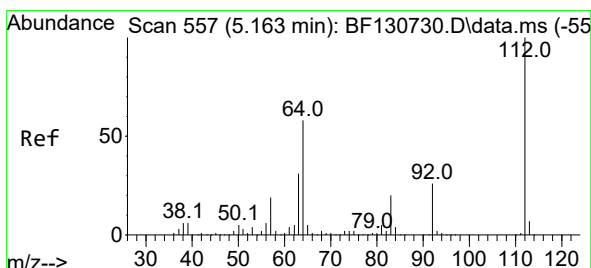
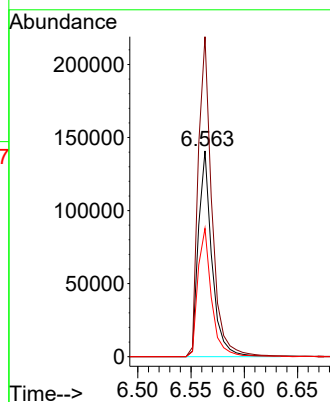
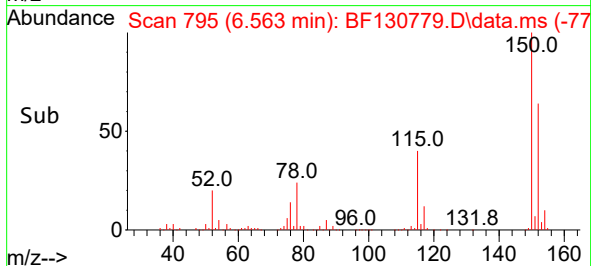


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130779.D
Acq: 25 Oct 2022 20:42

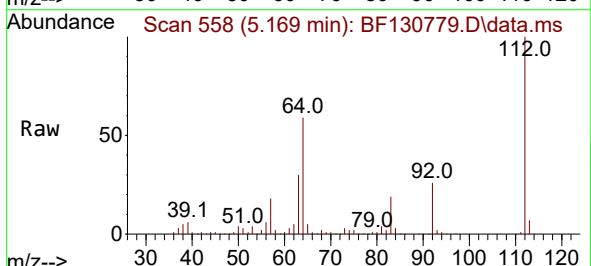
Instrument :
BNA_F
ClientSampleId :



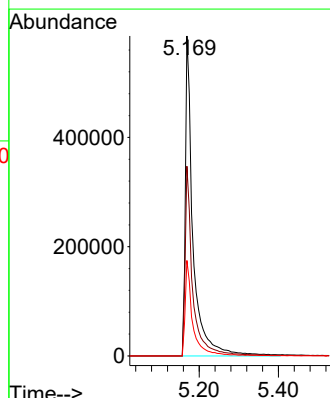
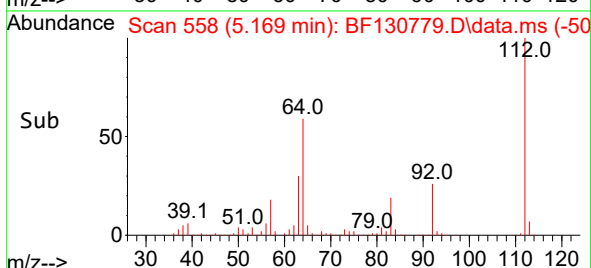
Tgt Ion:152 Resp: 124749
Ion Ratio Lower Upper
152 100
150 155.5 127.0 190.6
115 62.4 49.9 74.9

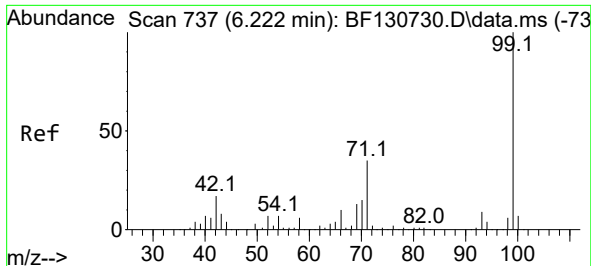


#5
2-Fluorophenol
Concen: 109.935 ng
RT: 5.169 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF130779.D
Acq: 25 Oct 2022 20:42



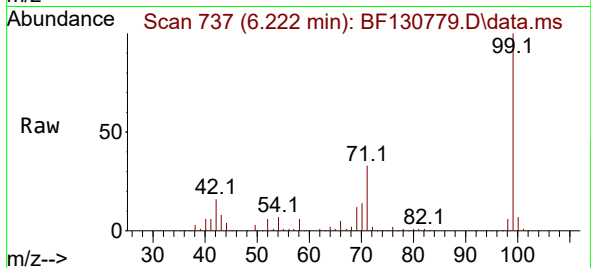
Tgt Ion:112 Resp: 795309
Ion Ratio Lower Upper
112 100
64 59.3 46.2 69.4
63 29.9 25.1 37.7





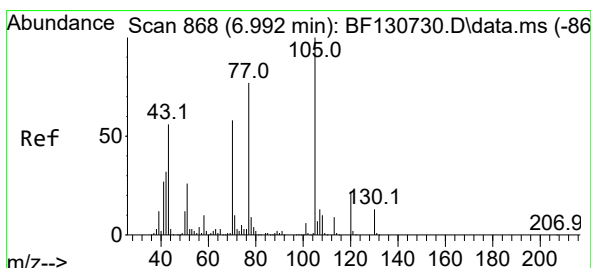
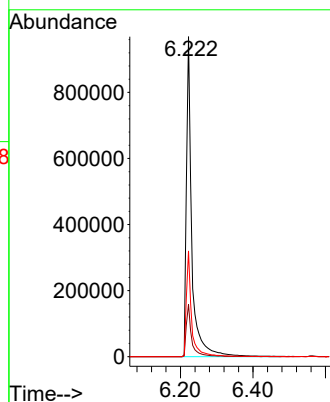
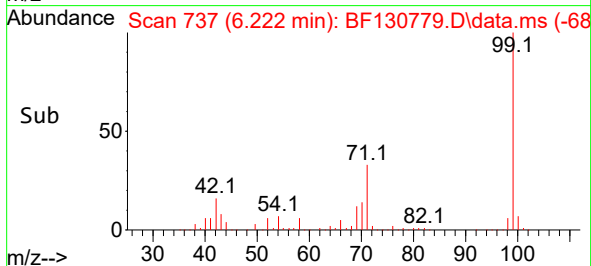
#7
Phenol-d6
Concen: 114.325 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130779.D
Acq: 25 Oct 2022 20:42

Instrument :
BNA_F
ClientSampleId :

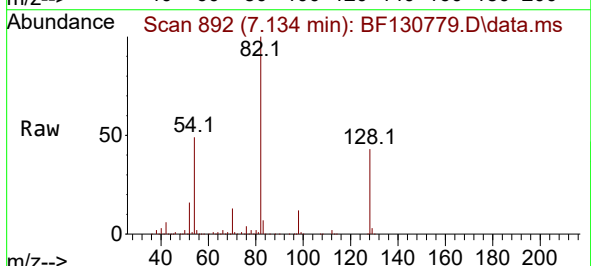


Tgt Ion: 99 Resp: 1000676

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.8	20.8
71	33.1	28.3	42.5

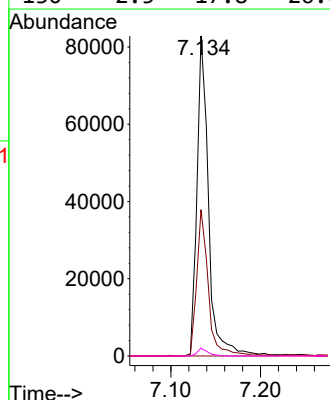
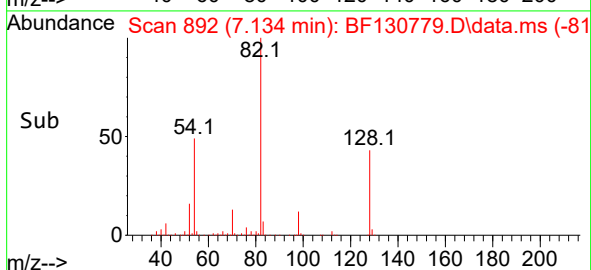


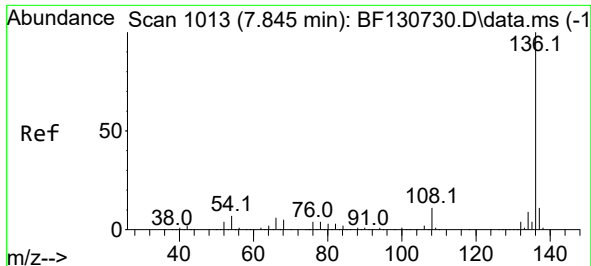
#19
n-Nitroso-di-n-propylamine
Concen: 12.542 ng
RT: 7.134 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130779.D
Acq: 25 Oct 2022 20:42



Tgt Ion: 70 Resp: 74177

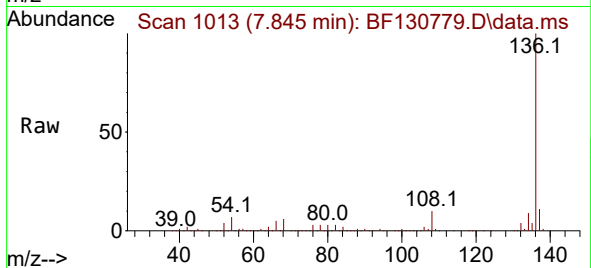
Ion	Ratio	Lower	Upper
70	100		
42	45.7	44.1	66.1
101	0.0	8.3	12.5#
130	2.5	17.8	26.6#



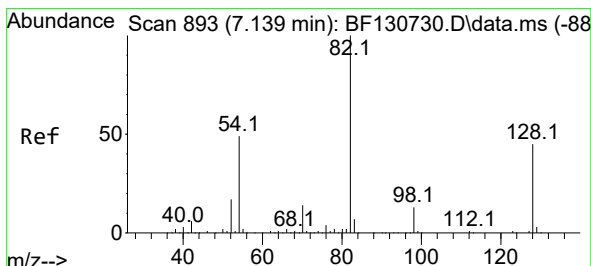
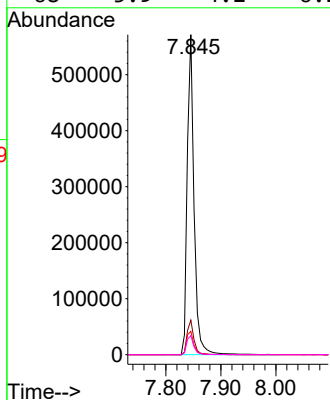
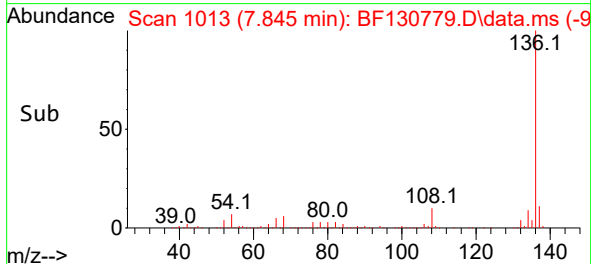


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130779.D
Acq: 25 Oct 2022 20:42

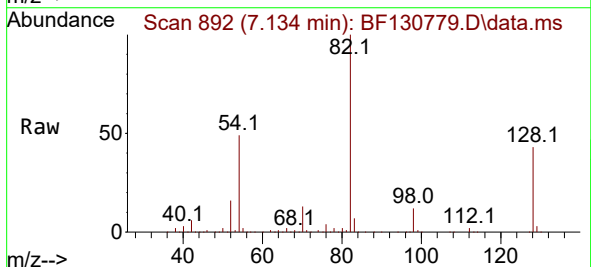
Instrument :
BNA_F
ClientSampleId :



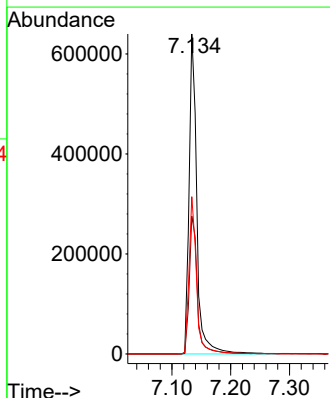
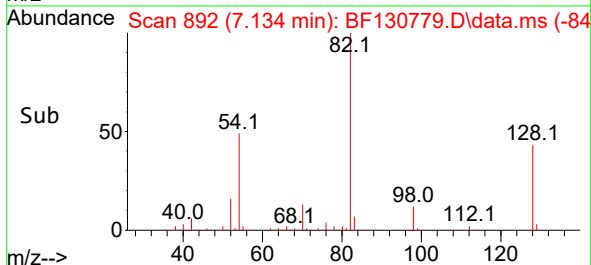
Tgt Ion:136 Resp: 494555
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.3 5.8 8.8
68 5.9 4.2 6.2

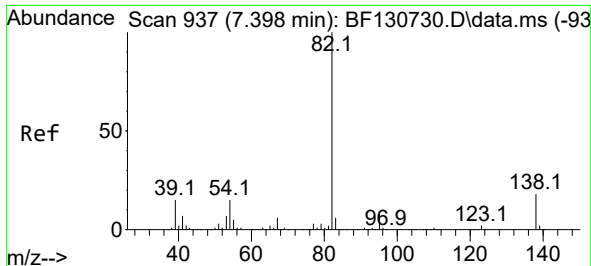


#23
Nitrobenzene-d5
Concen: 62.855 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.005 min
Lab File: BF130779.D
Acq: 25 Oct 2022 20:42



Tgt Ion: 82 Resp: 585986
Ion Ratio Lower Upper
82 100
128 43.1 35.9 53.9
54 49.1 39.2 58.8

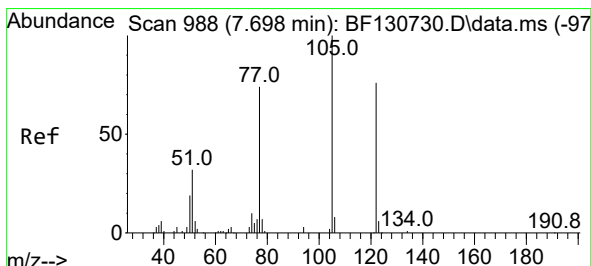
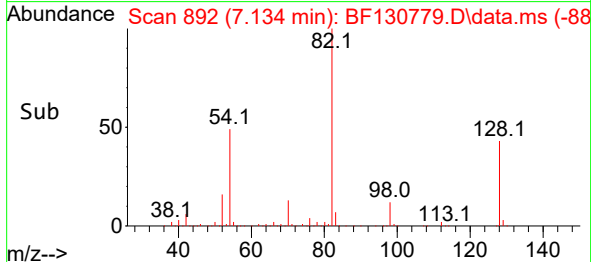
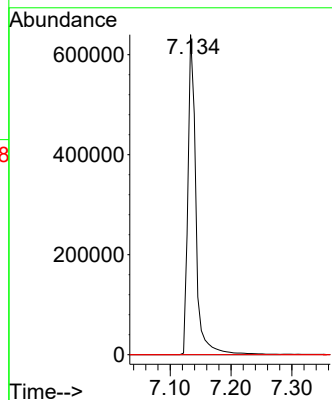
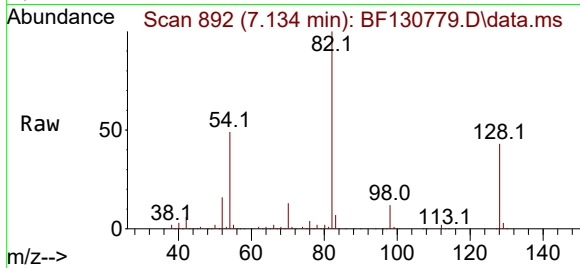




#25
Isophorone
Concen: 38.149 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF130779.D
Acq: 25 Oct 2022 20:42

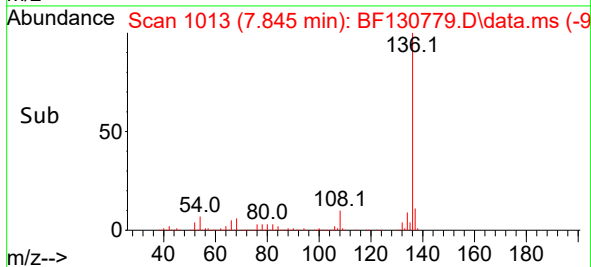
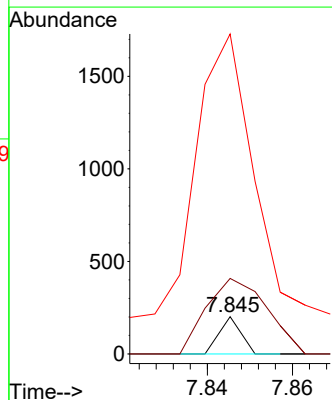
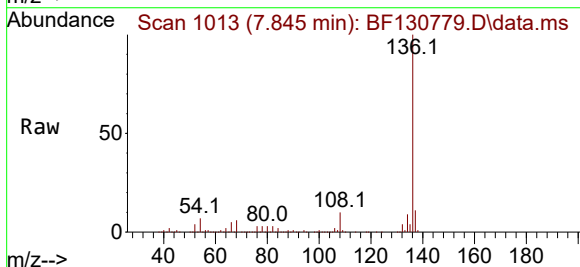
Instrument :
BNA_F
ClientSampleId :

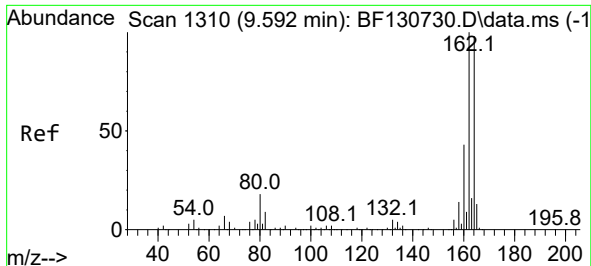
Tgt Ion: 82 Resp: 585982
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.026 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.147 min
Lab File: BF130779.D
Acq: 25 Oct 2022 20:42

Tgt Ion:122 Resp: 71
Ion Ratio Lower Upper
122 100
105 203.0 109.2 149.2#
77 860.2 75.7 115.7#

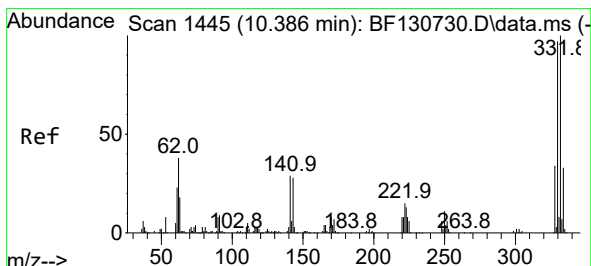
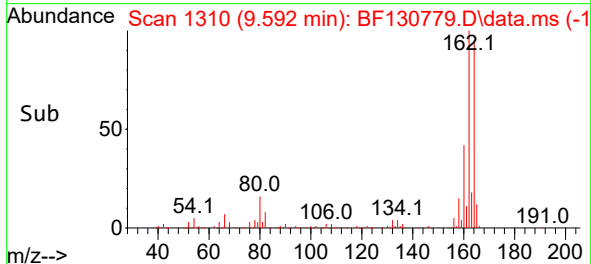
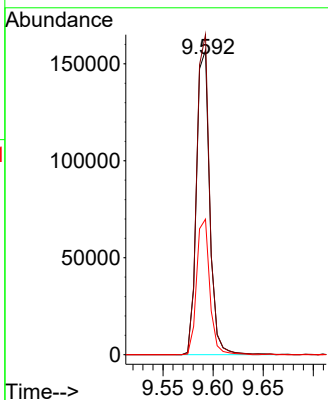
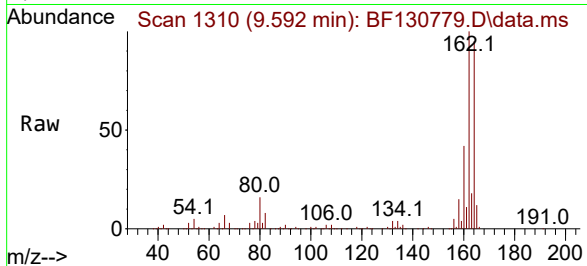




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130779.D
Acq: 25 Oct 2022 20:42

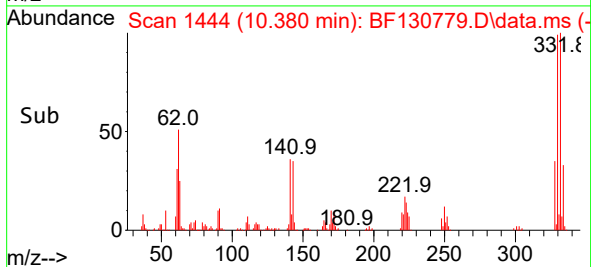
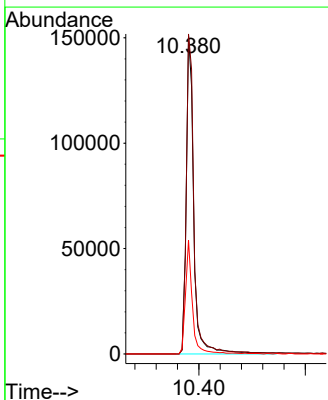
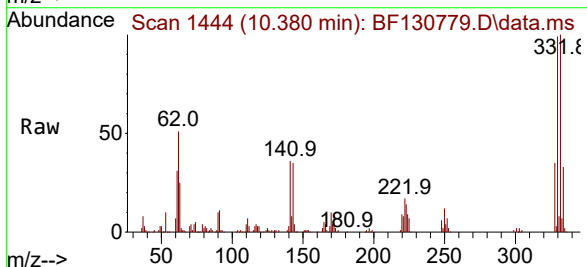
Instrument :
BNA_F
ClientSampleId :

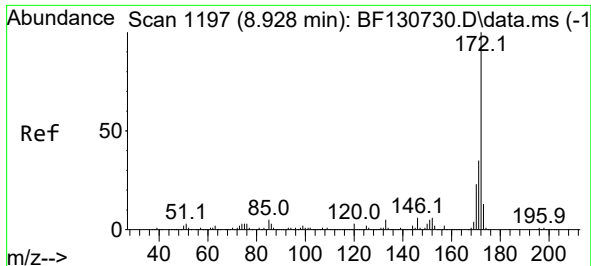
Tgt Ion:164 Resp: 144852
Ion Ratio Lower Upper
164 100
162 105.1 81.4 122.0
160 44.5 35.0 52.4



#42
2,4,6-Tribromophenol
Concen: 107.384 ng
RT: 10.380 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF130779.D
Acq: 25 Oct 2022 20:42

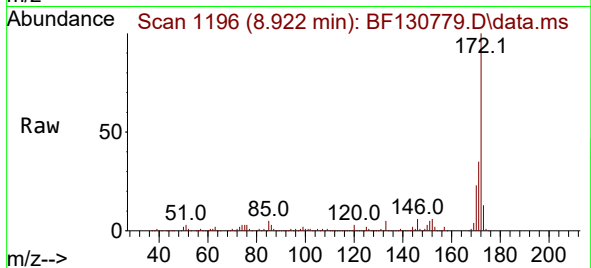
Tgt Ion:330 Resp: 147925
Ion Ratio Lower Upper
330 100
332 101.1 81.4 122.2
141 32.3 24.6 37.0



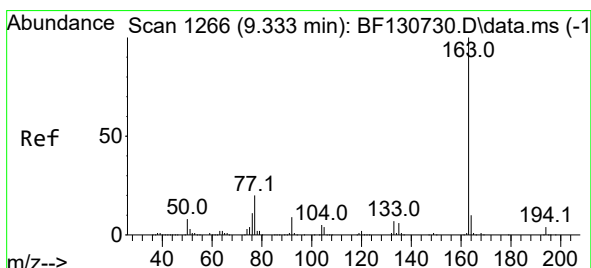
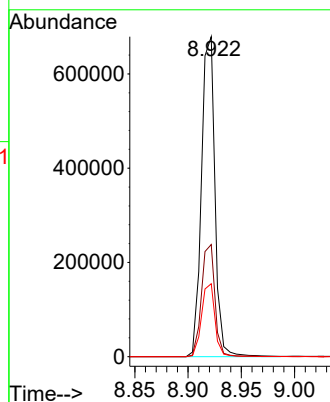
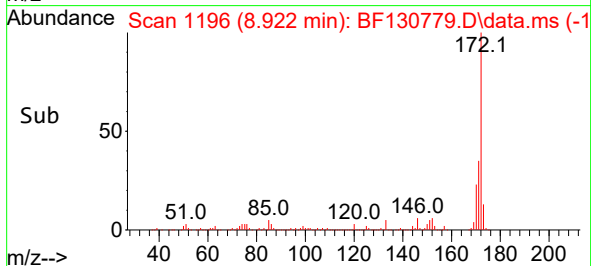


#45
2-Fluorobiphenyl
Concen: 63.249 ng
RT: 8.922 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF130779.D
Acq: 25 Oct 2022 20:42

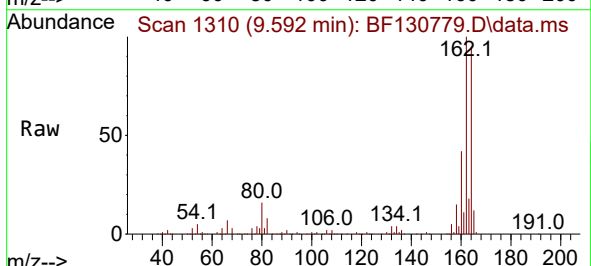
Instrument :
BNA_F
ClientSampleId :



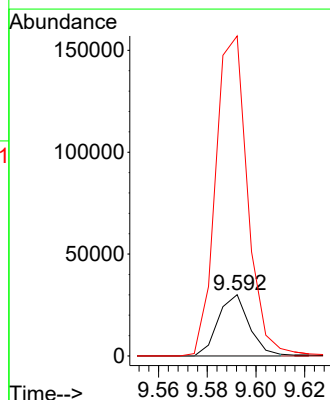
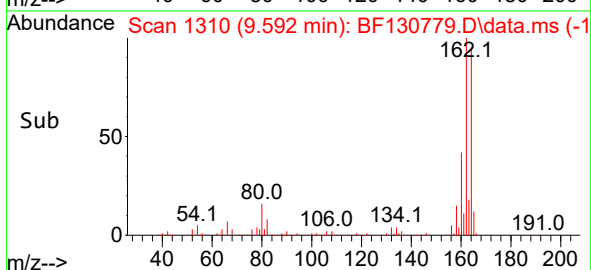
Tgt Ion:172 Resp: 601195
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 22.8 18.5 27.7

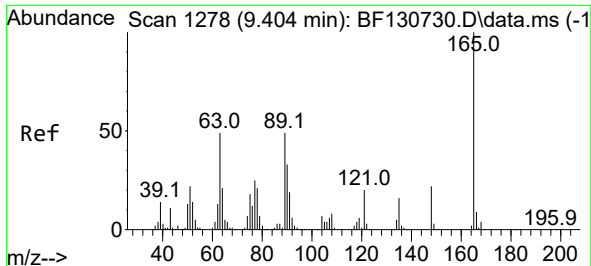


#50
Dimethylphthalate
Concen: 2.732 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF130779.D
Acq: 25 Oct 2022 20:42



Tgt Ion:163 Resp: 26621
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 522.4 8.1 12.1#





#51

2,6-Dinitrotoluene

Concen: 8.676 ng

RT: 9.592 min Scan# 11

Delta R.T. 0.188 min

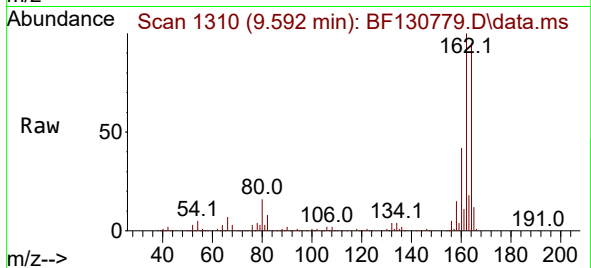
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Acq: 25 Oct 2022 20:42

Instrument :

BNA_F

ClientSampleId :



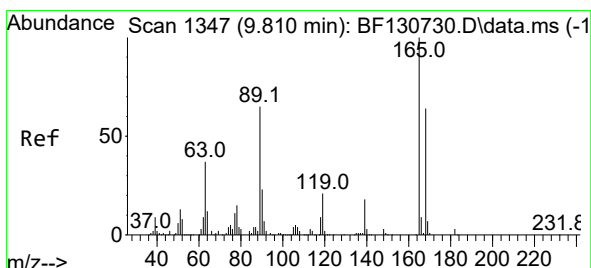
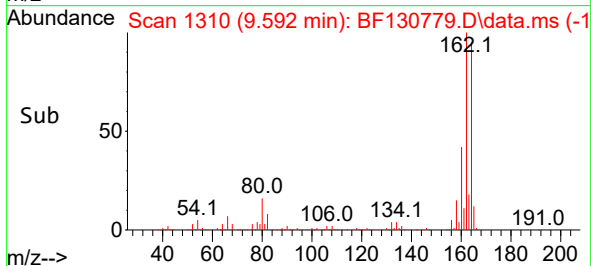
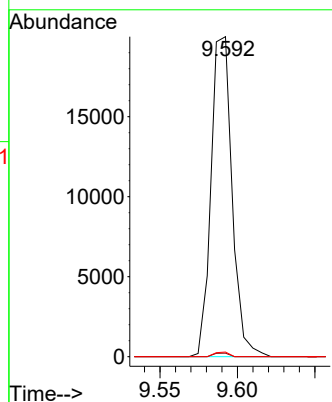
Tgt Ion:165 Resp: 18929

Ion Ratio Lower Upper

165 100

63 1.1 38.8 58.2#

89 1.4 39.4 59.2#



#57

2,4-Dinitrotoluene

Concen: 6.440 ng

RT: 9.592 min Scan# 1310

Delta R.T. -0.218 min

Lab File: BF130779.D

Acq: 25 Oct 2022 20:42

Tgt Ion:165 Resp: 18929

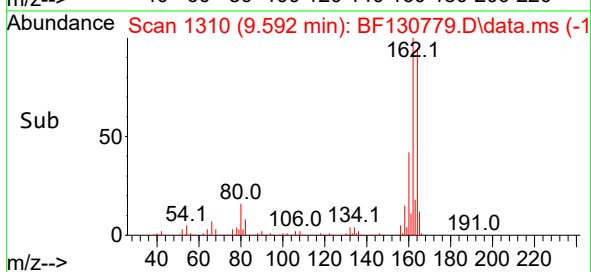
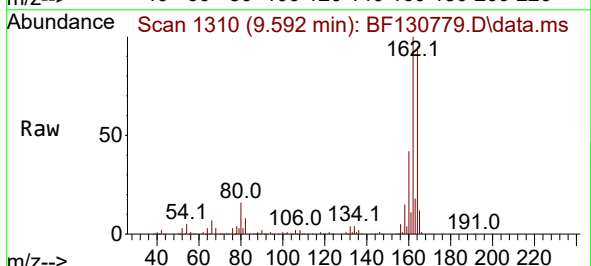
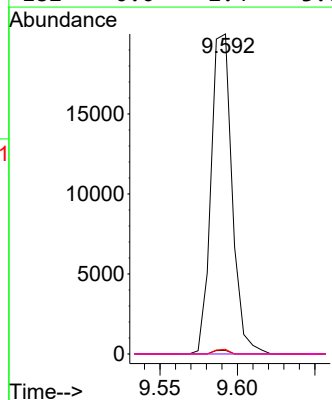
Ion Ratio Lower Upper

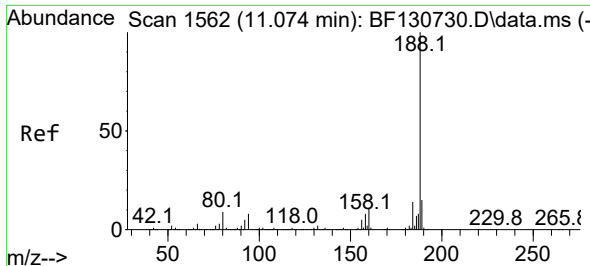
165 100

63 1.1 32.6 49.0#

89 1.4 51.9 77.9#

182 0.0 2.4 3.6#

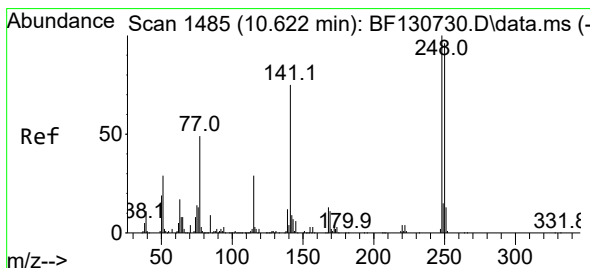
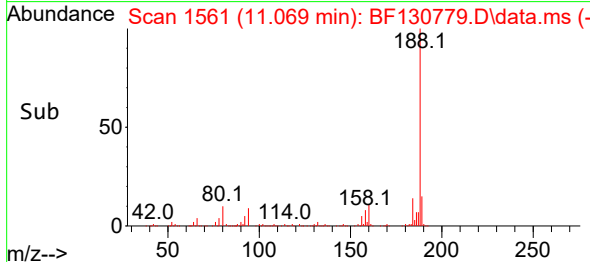
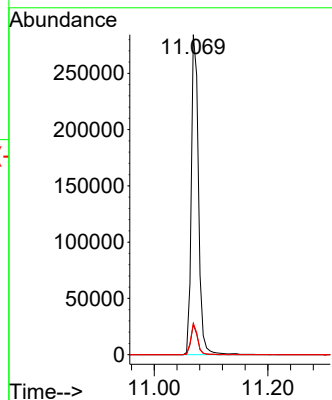
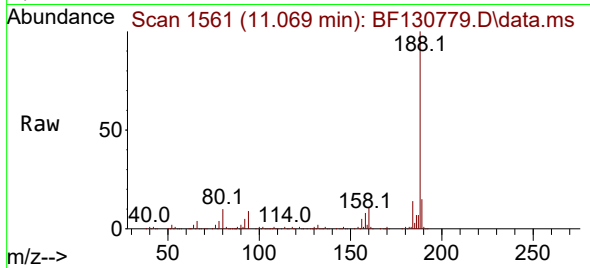




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130779.D
Acq: 25 Oct 2022 20:42

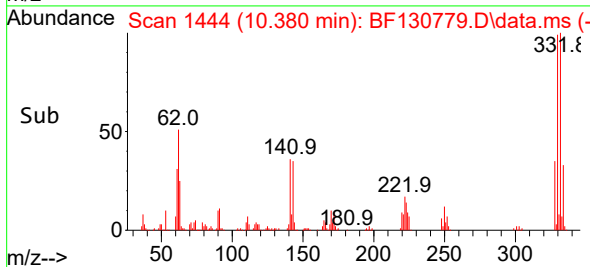
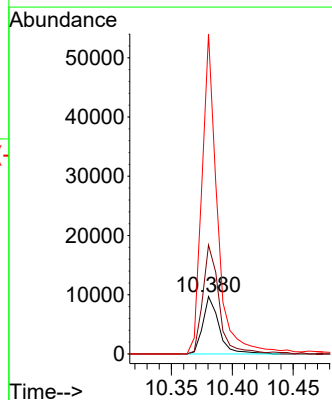
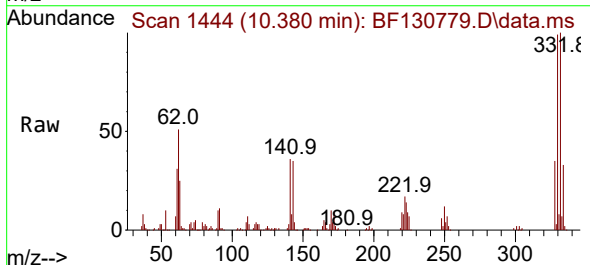
Instrument :
BNA_F
ClientSampleId :

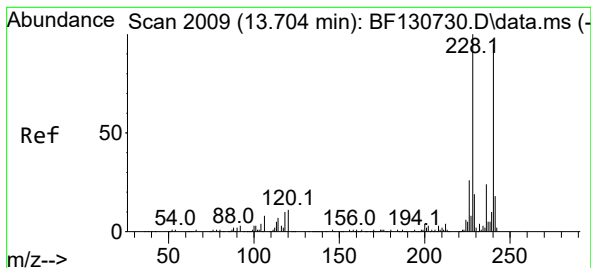
Tgt Ion:188 Resp: 249338
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 9.9 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 2.992 ng
RT: 10.380 min Scan# 1444
Delta R.T. -0.241 min
Lab File: BF130779.D
Acq: 25 Oct 2022 20:42

Tgt Ion:248 Resp: 8973
Ion Ratio Lower Upper
248 100
250 189.6 77.0 115.6#
141 556.9 60.1 90.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.704 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF130779.D

Acq: 25 Oct 2022 20:42

Instrument :

BNA_F

ClientSampleId :

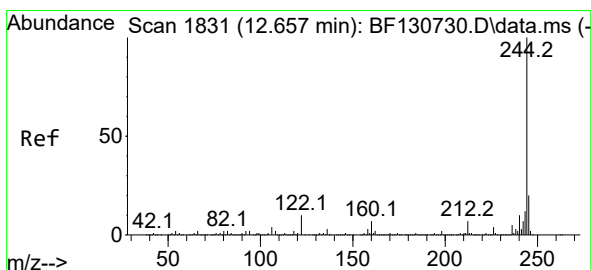
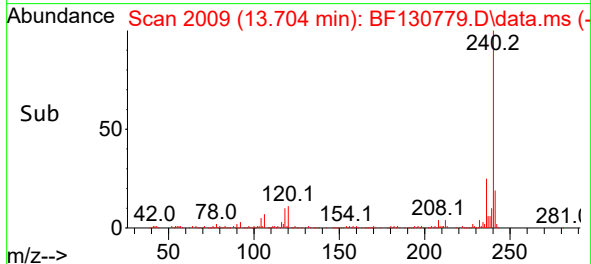
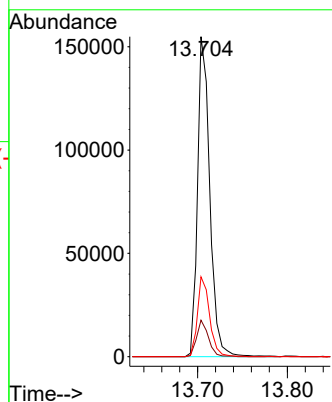
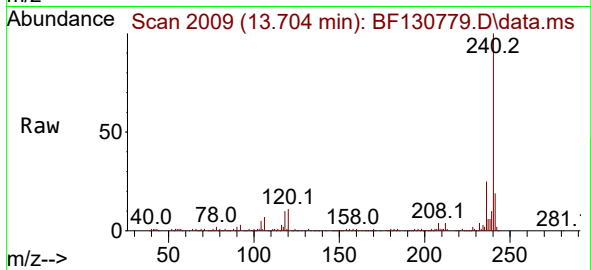
Tgt Ion:240 Resp: 147112

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

236 25.0 20.2 30.2



#79

Terphenyl-d14

Concen: 67.190 ng

RT: 12.651 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF130779.D

Acq: 25 Oct 2022 20:42

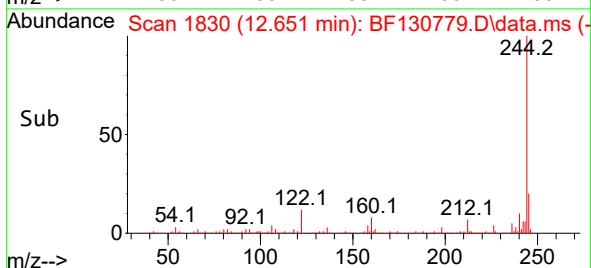
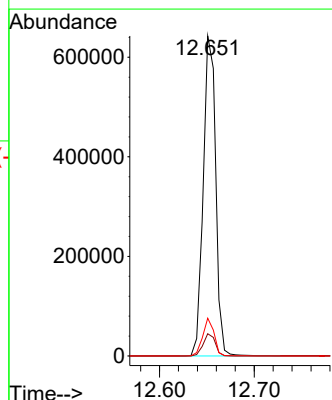
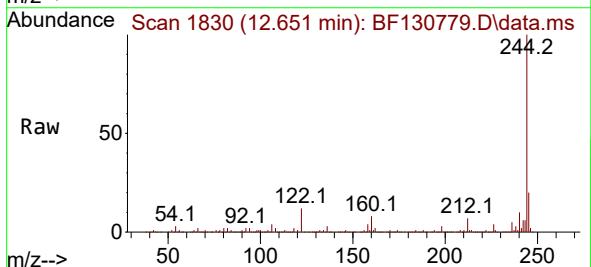
Tgt Ion:244 Resp: 586547

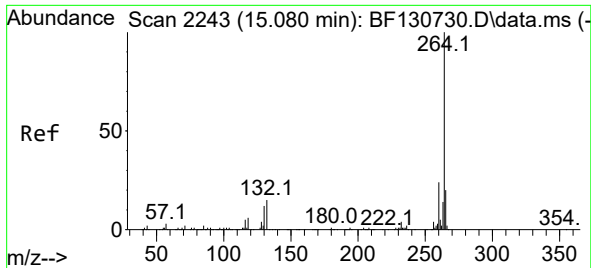
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 11.8 8.2 12.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.086 min Scan# 21

Delta R.T. 0.006 min

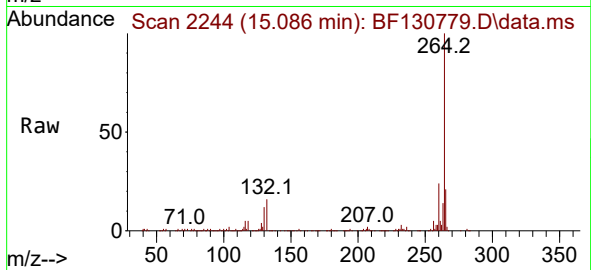
Lab File: BF130779.D

Acq: 25 Oct 2022 20:42

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 155228

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 20.6 16.2 24.4

