

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130791.D
 Acq On : 26 Oct 2022 19:31
 Operator : CG\JU
 Sample : N5281-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9

Quant Time: Oct 27 09:05:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 08:55:38 2022
 Response via : Initial Calibration

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

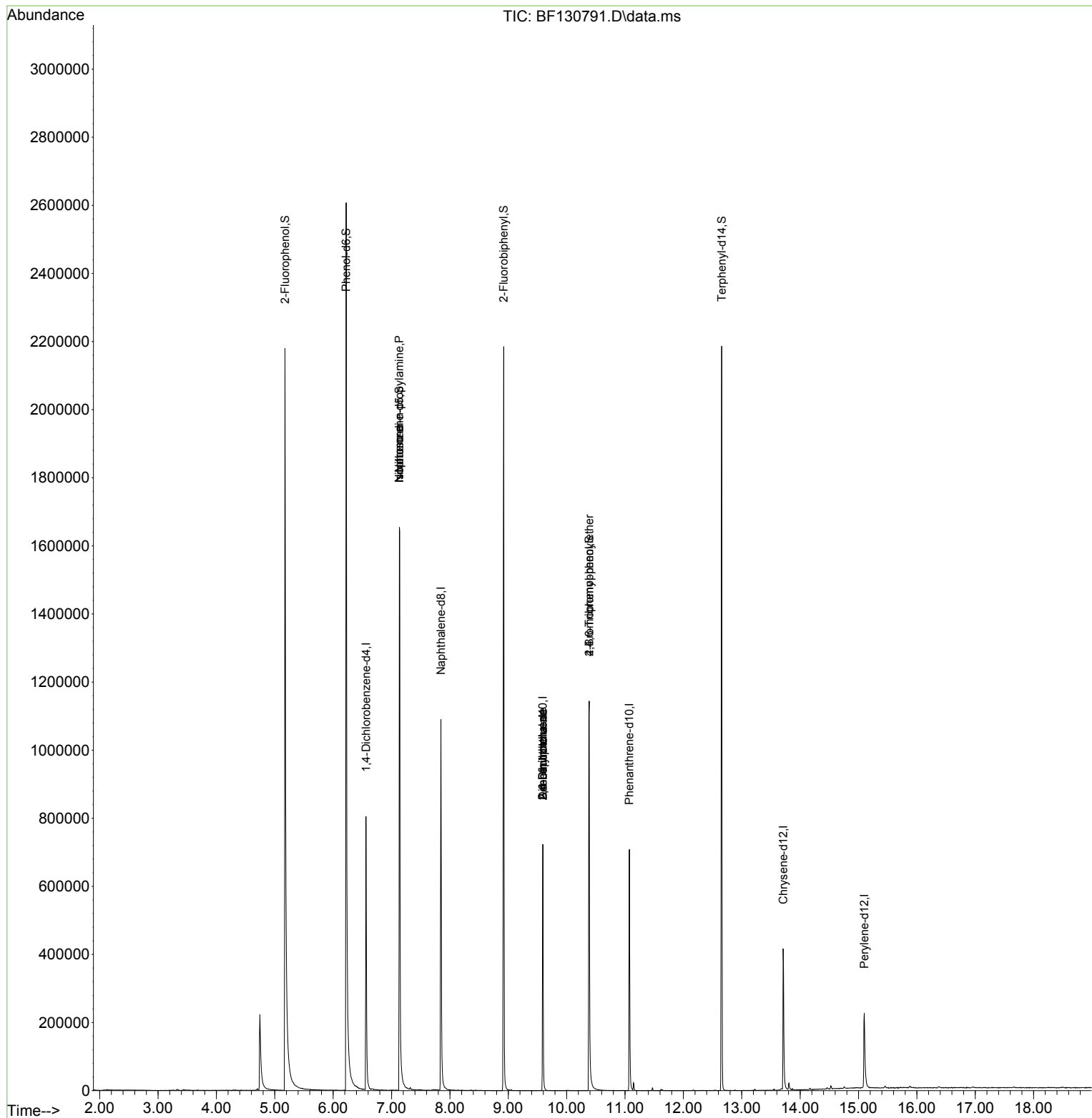
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	124947	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	512995	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	144400	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	261009	20.000	ng	0.00
76) Chrysene-d12	13.710	240	161641	20.000	ng	0.00
86) Perylene-d12	15.098	264	123858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	865335	119.426	ng	0.00
7) Phenol-d6	6.222	99	1086949	123.984	ng	0.00
23) Nitrobenzene-d5	7.134	82	644634	66.660	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	168139	122.440	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	657999	69.442	ng	0.00
79) Terphenyl-d14	12.657	244	701362	73.120	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.134	70	83397	14.078	ng	# 78
25) Isophorone	7.134	82	644634	40.459	ng	# 65
50) Dimethylphthalate	9.592	163	26790	2.758	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	18929	8.703	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	18929	6.461	ng	# 28
67) 4-Bromophenyl-phenylether	10.386	248	9691	3.087	ng	# 1
77) Benzidine	12.657	184	9365	Below Cal		# 92

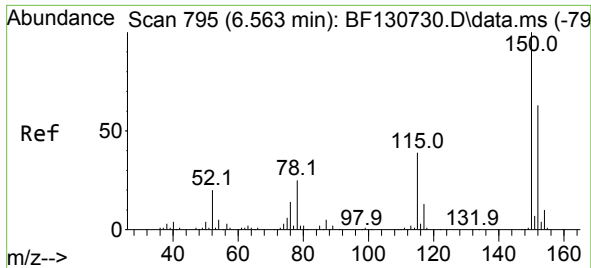
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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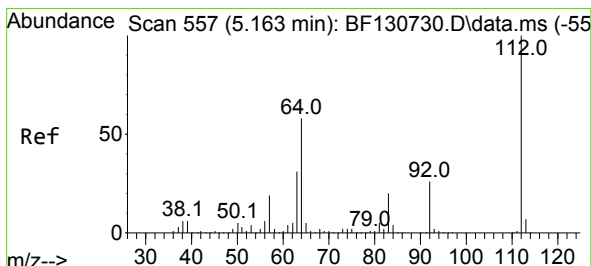
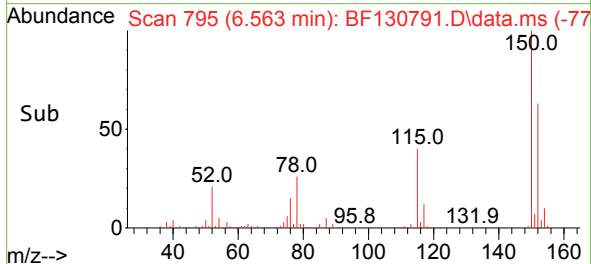
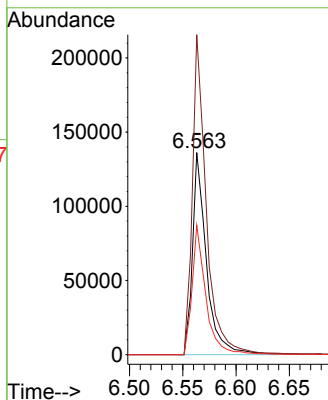
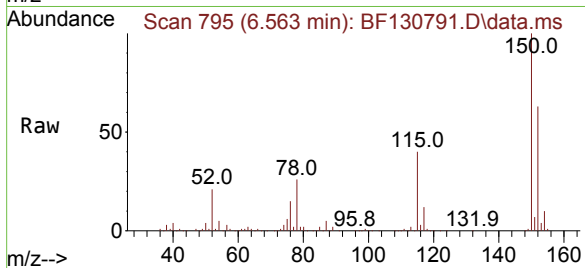




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.563 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF130791.D
 Acq: 26 Oct 2022 19:31

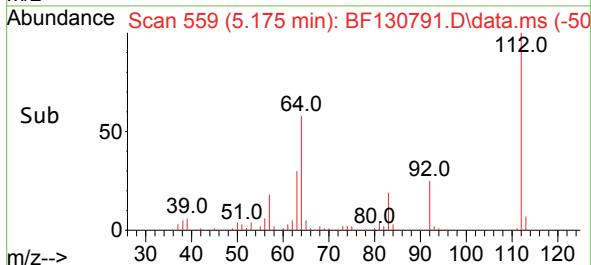
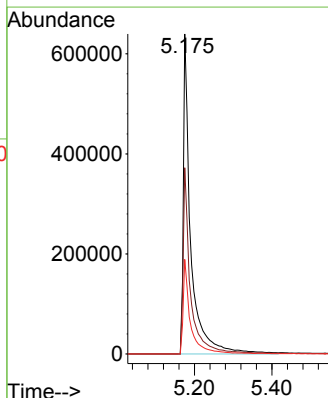
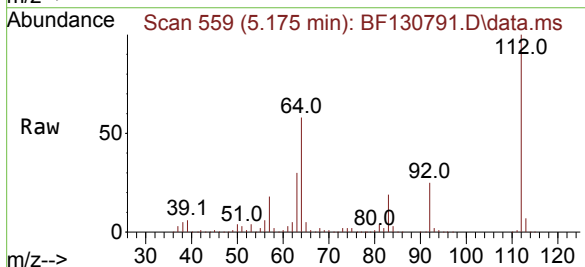
Instrument :
 BNA_F
 ClientSampleId :
 SB-9

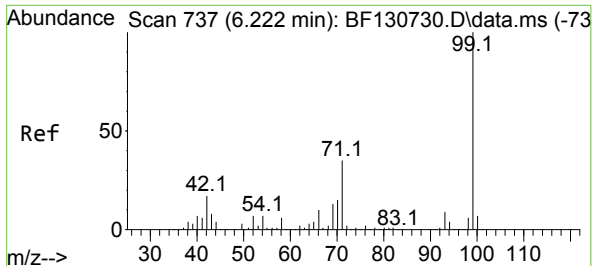
Tgt Ion:152 Resp: 124947
 Ion Ratio Lower Upper
 152 100
 150 158.3 127.0 190.6
 115 63.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 119.426 ng
 RT: 5.175 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: BF130791.D
 Acq: 26 Oct 2022 19:31

Tgt Ion:112 Resp: 865335
 Ion Ratio Lower Upper
 112 100
 64 58.2 46.2 69.4
 63 29.5 25.1 37.7

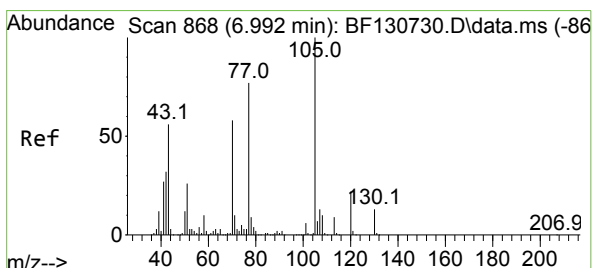
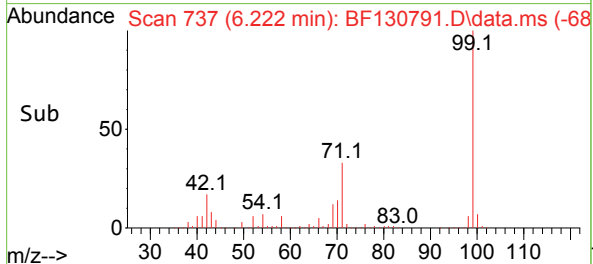
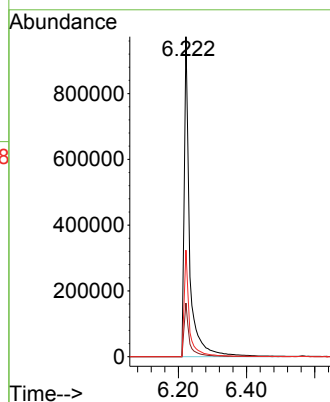
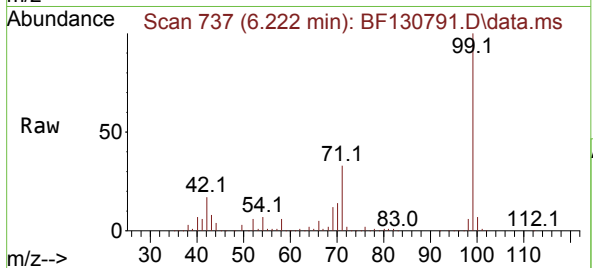




#7
Phenol-d6
Concen: 123.984 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

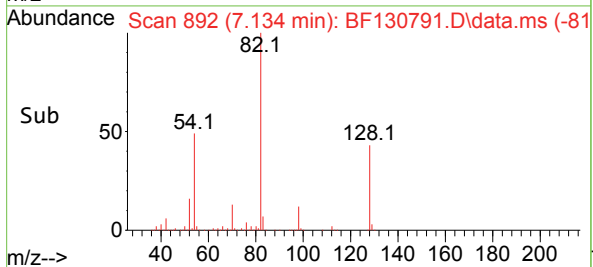
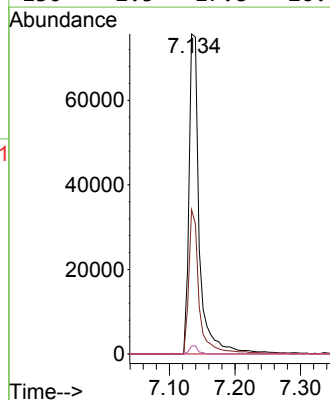
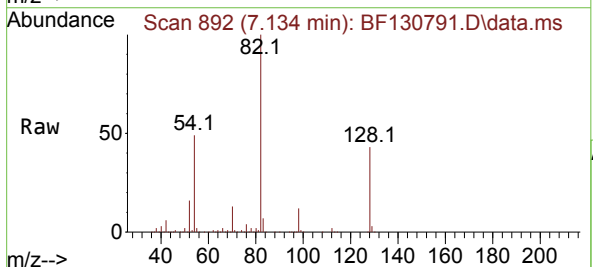
Instrument :
BNA_F
ClientSampleId :
SB-9

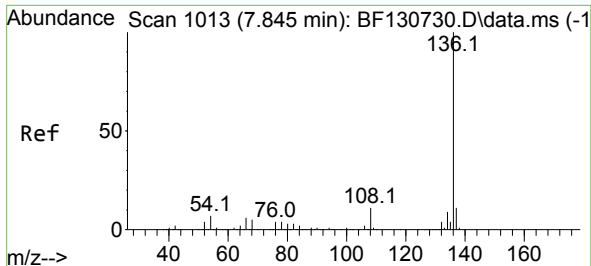
Tgt Ion: 99 Resp: 1086949
Ion Ratio Lower Upper
99 100
42 16.8 13.8 20.8
71 33.3 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.078 ng
RT: 7.134 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

Tgt Ion: 70 Resp: 83397
Ion Ratio Lower Upper
70 100
42 45.1 44.1 66.1
101 0.0 8.3 12.5#
130 2.5 17.8 26.6#

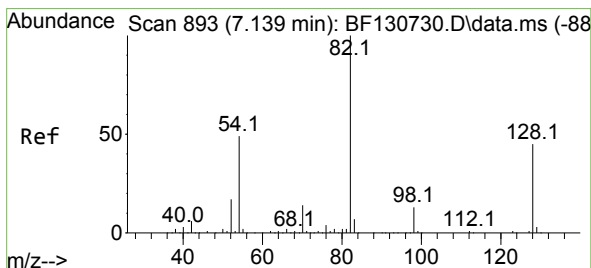
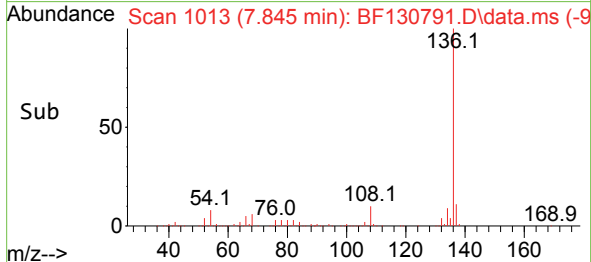
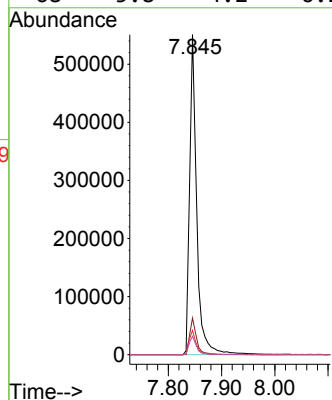
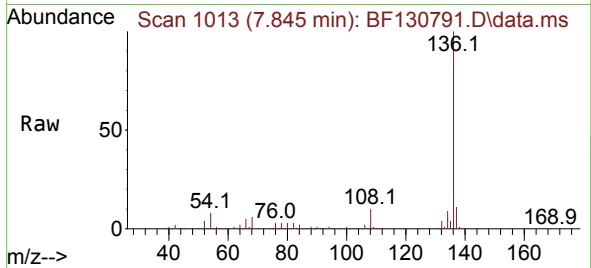




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

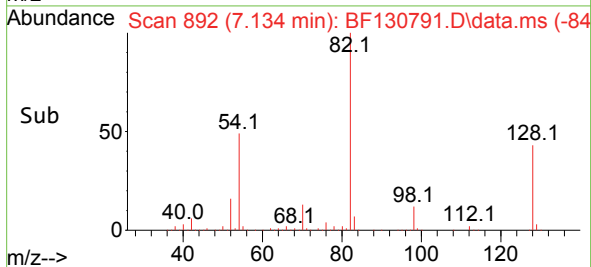
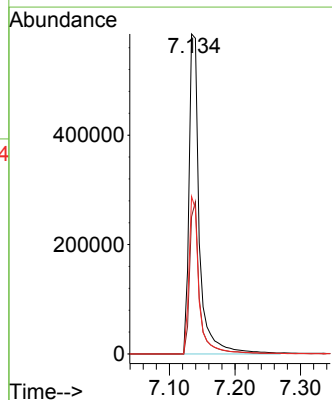
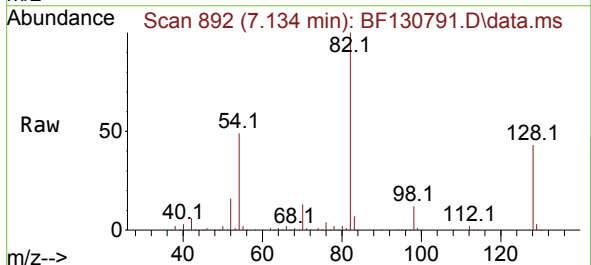
Instrument :
BNA_F
ClientSampleId :
SB-9

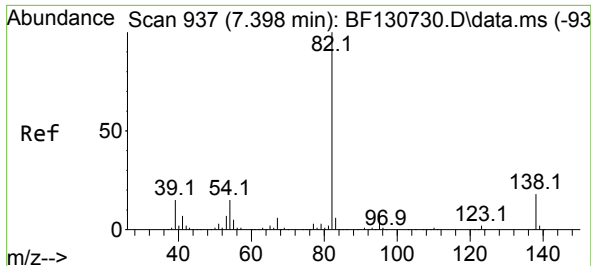
Tgt Ion:	136	Resp:	512995
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	7.6	5.8	8.8
68	5.8	4.2	6.2



#23
Nitrobenzene-d5
Concen: 66.660 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

Tgt Ion:	82	Resp:	644634
Ion Ratio	Lower	Upper	
82	100		
128	42.9	35.9	53.9
54	49.2	39.2	58.8

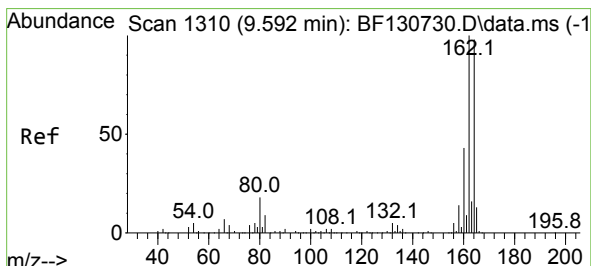
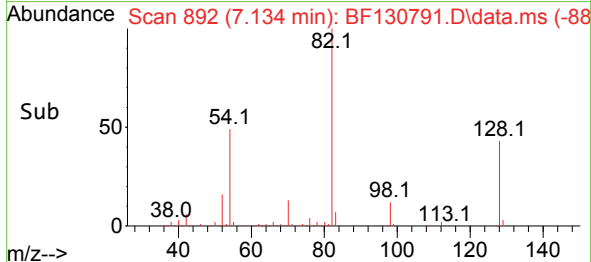
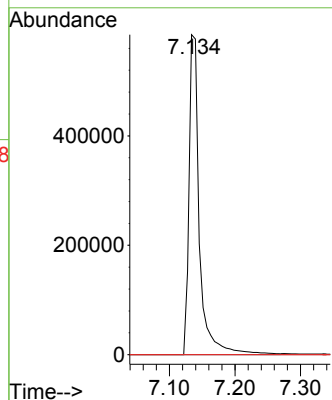
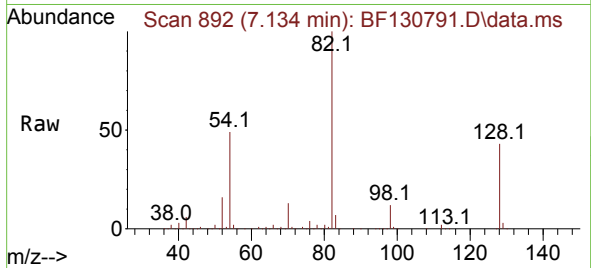




#25
Isophorone
Concen: 40.459 ng
RT: 7.134 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

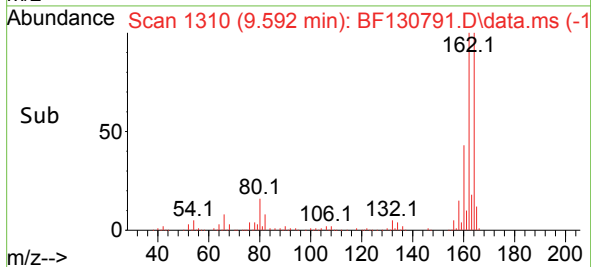
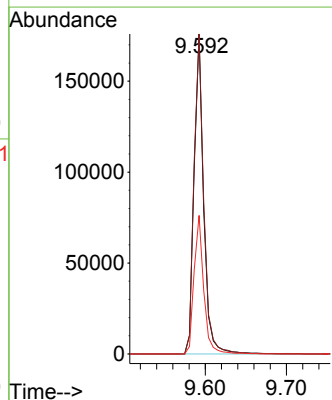
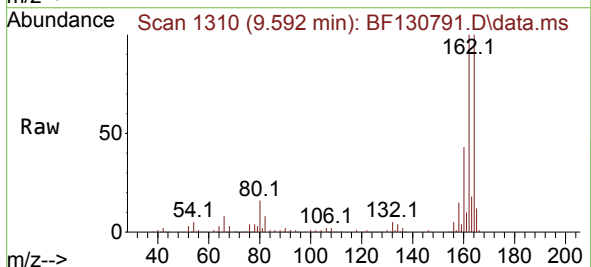
Instrument :
BNA_F
ClientSampleId :
SB-9

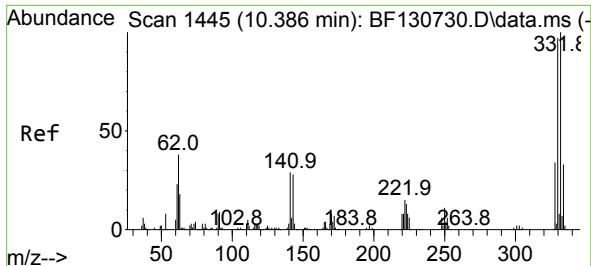
Tgt Ion: 82 Resp: 644634
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

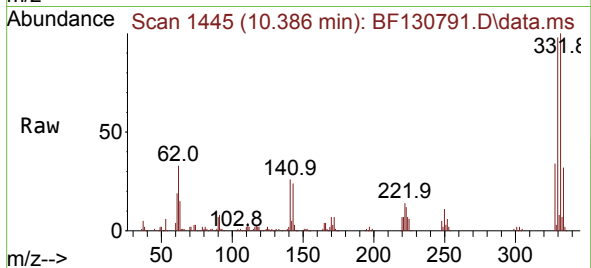
Tgt Ion:164 Resp: 144400
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 43.3 35.0 52.4



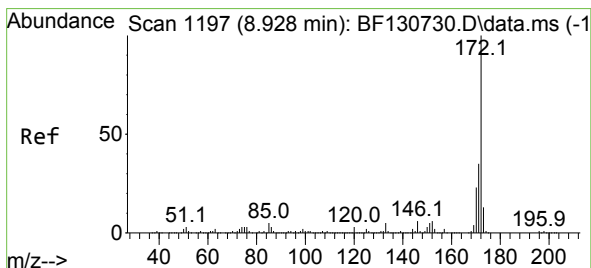
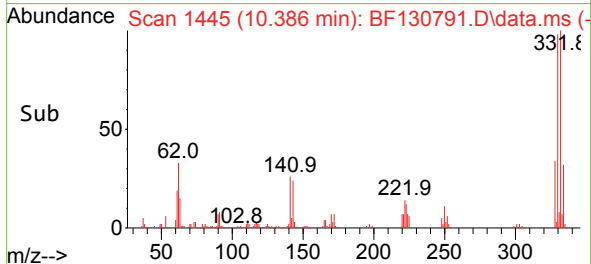
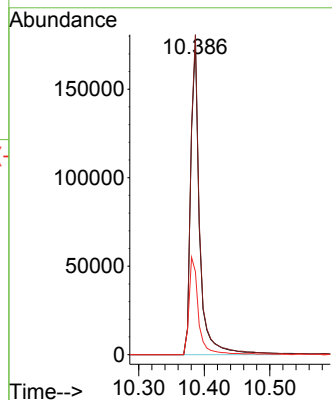


#42
2,4,6-Tribromophenol
Concen: 122.440 ng
RT: 10.386 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

Instrument :
BNA_F
ClientSampleId :
SB-9

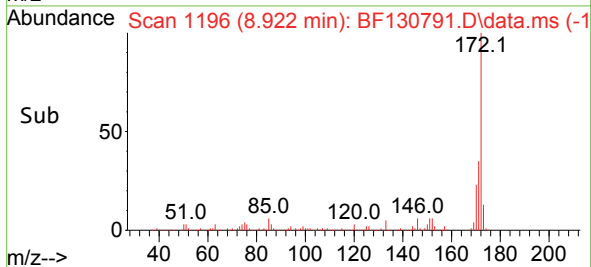
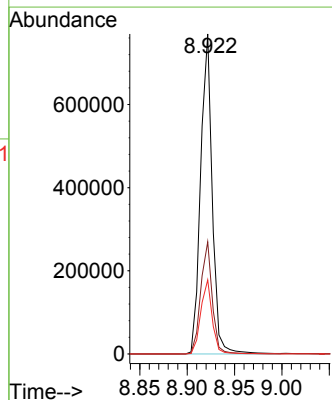
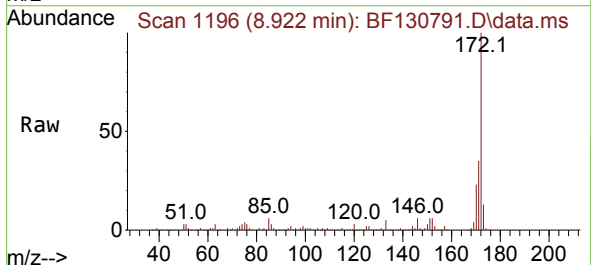


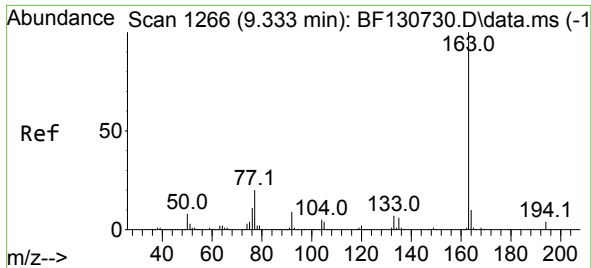
Tgt Ion:330 Resp: 168139
Ion Ratio Lower Upper
330 100
332 102.8 81.4 122.2
141 32.6 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 69.442 ng
RT: 8.922 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

Tgt Ion:172 Resp: 657999
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.2 18.5 27.7

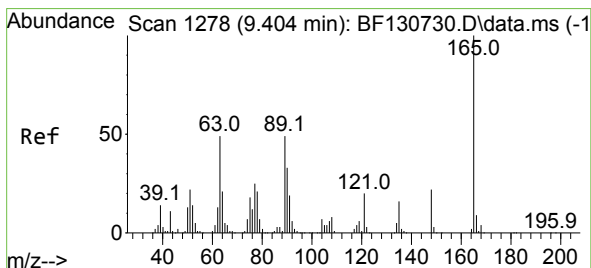
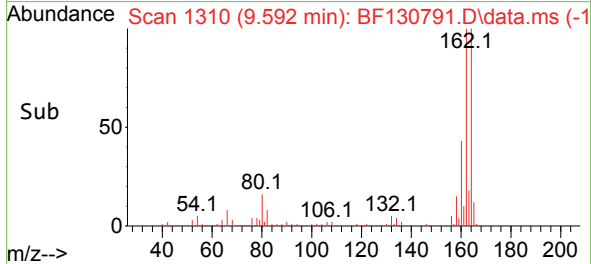
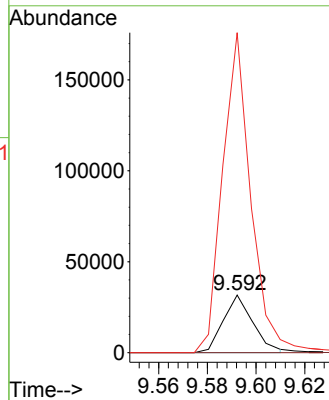
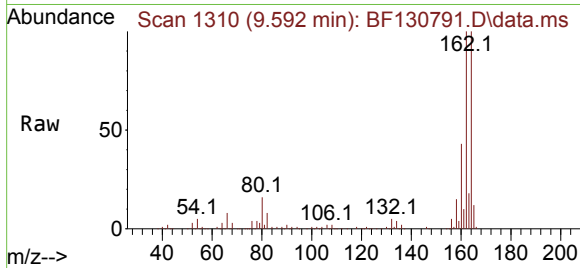




#50
Dimethylphthalate
Concen: 2.758 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

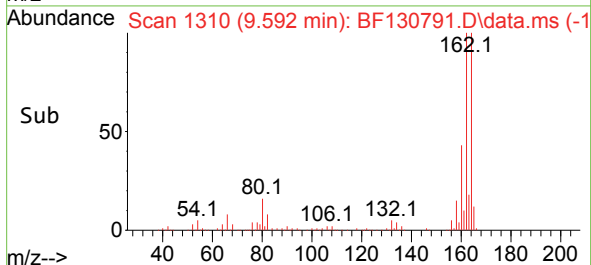
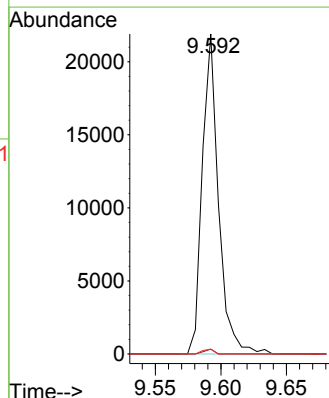
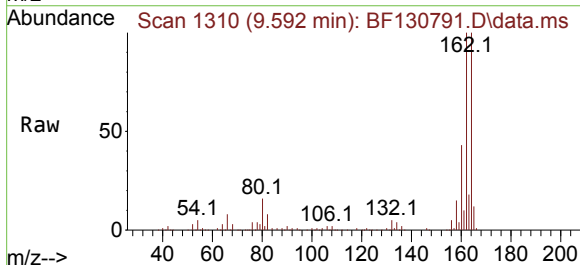
Instrument :
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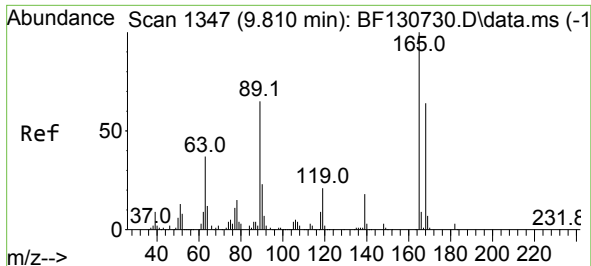
Tgt Ion:163 Resp: 26790
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 555.2 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.703 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.188 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

Tgt Ion:165 Resp: 18929
Ion Ratio Lower Upper
165 100
63 1.5 38.8 58.2#
89 1.5 39.4 59.2#

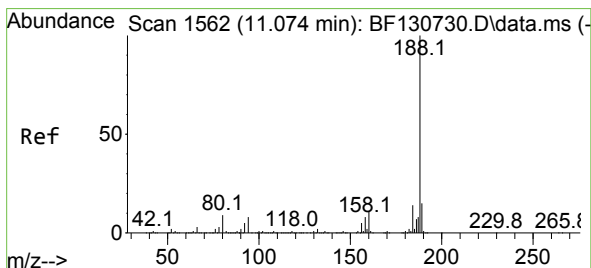
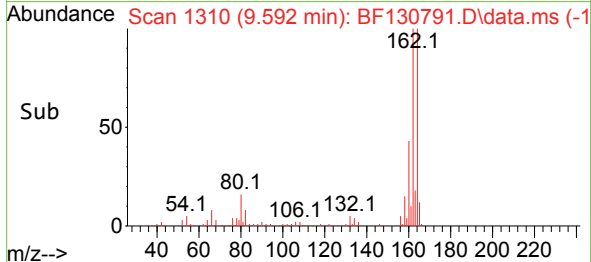
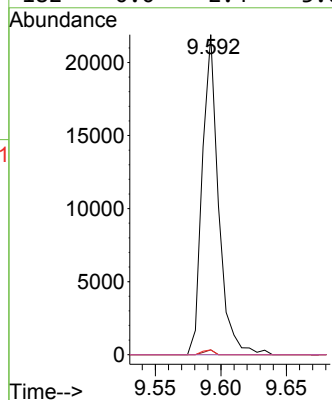
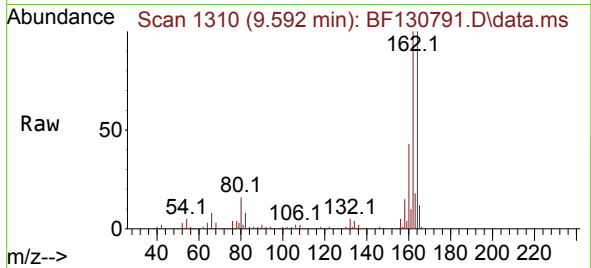




#57
2,4-Dinitrotoluene
Concen: 6.461 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

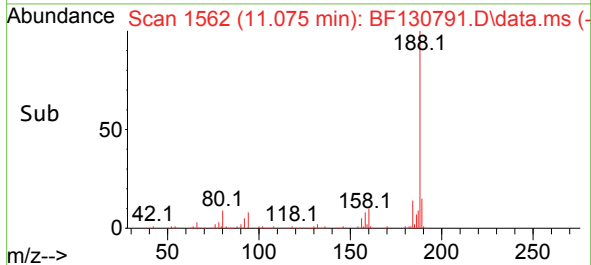
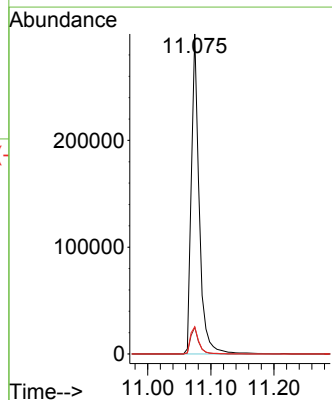
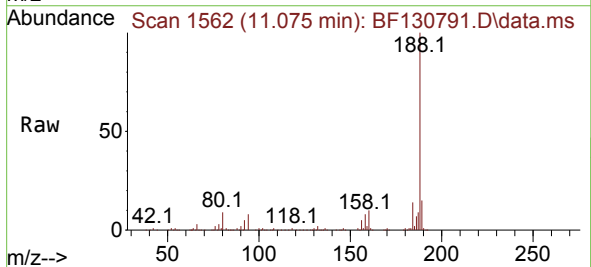
Instrument :
BNA_F
ClientSampleId :
SB-9

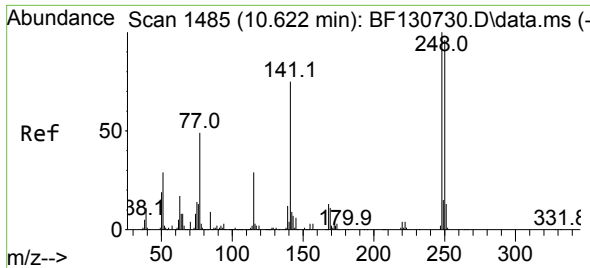
Tgt Ion:165 Resp: 18929
Ion Ratio Lower Upper
165 100
63 1.5 32.6 49.0#
89 1.5 51.9 77.9#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.075 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

Tgt Ion:188 Resp: 261009
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.5 7.4 11.0

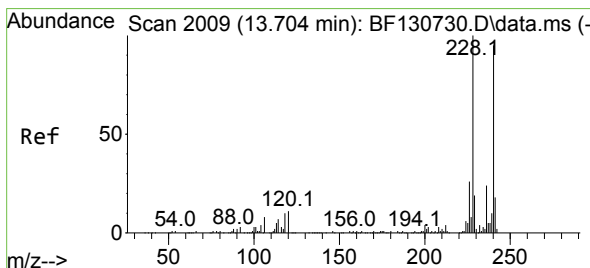
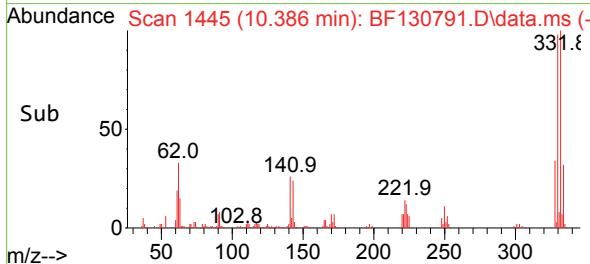
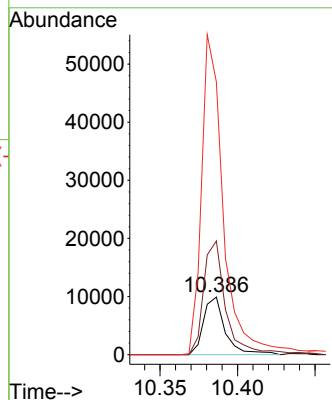
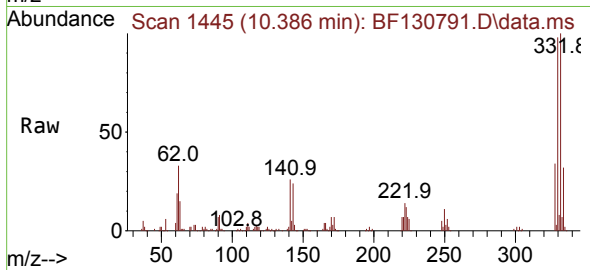




#67
4-Bromophenyl-phenylether
Concen: 3.087 ng
RT: 10.386 min Scan# 1485
Delta R.T. -0.235 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

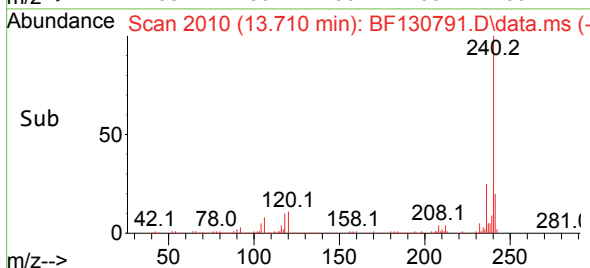
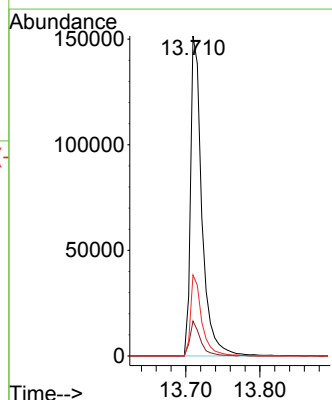
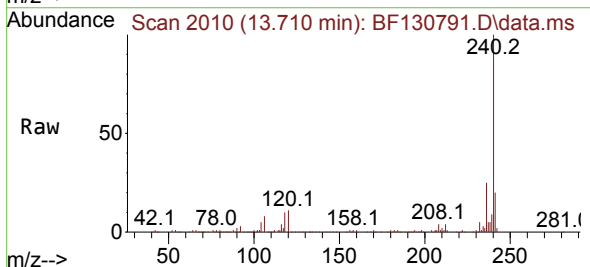
Instrument :
BNA_F
ClientSampleId :
SB-9

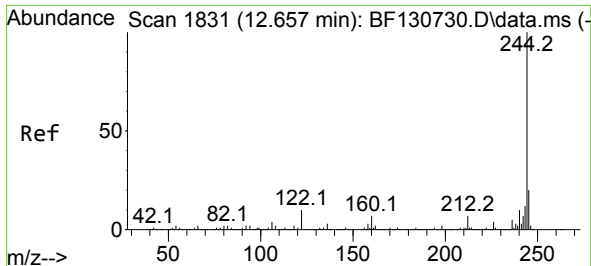
Tgt Ion:248 Resp: 9691
Ion Ratio Lower Upper
248 100
250 197.3 77.0 115.6#
141 473.2 60.1 90.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF130791.D
Acq: 26 Oct 2022 19:31

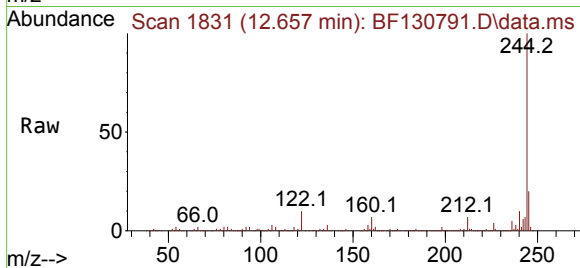
Tgt Ion:240 Resp: 161641
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 25.3 20.2 30.2



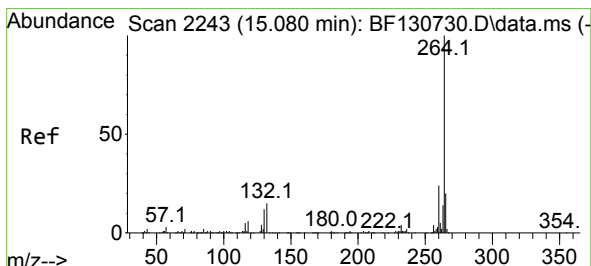
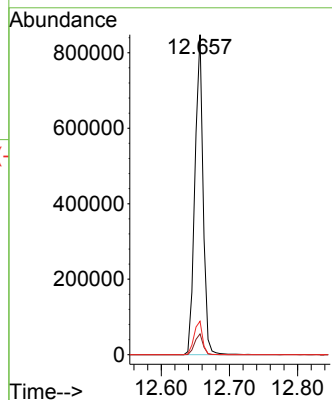
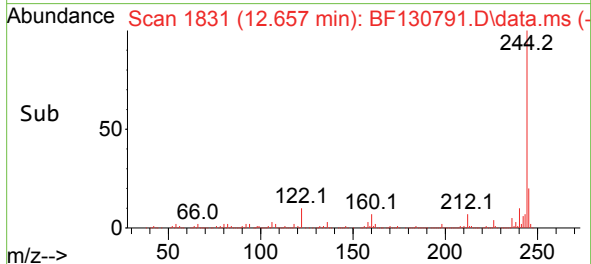


#79
 Terphenyl-d14
 Concen: 73.120 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. -0.000 min
 Lab File: BF130791.D
 Acq: 26 Oct 2022 19:31

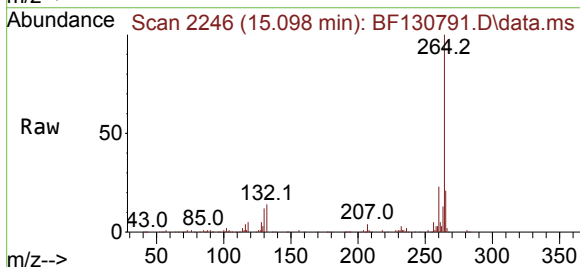
Instrument :
 BNA_F
 ClientSampleId :
 SB-9



Tgt Ion:244 Resp: 701362
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.5 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BF130791.D
 Acq: 26 Oct 2022 19:31



Tgt Ion:264 Resp: 123858
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.5 16.2 24.4

