

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
 Data File : BF130529.D
 Acq On : 05 Oct 2022 13:21
 Operator : CG\JU
 Sample : PB148087BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148087BL

Quant Time: Oct 06 01:10:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 06 01:07:05 2022
 Response via : Initial Calibration

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

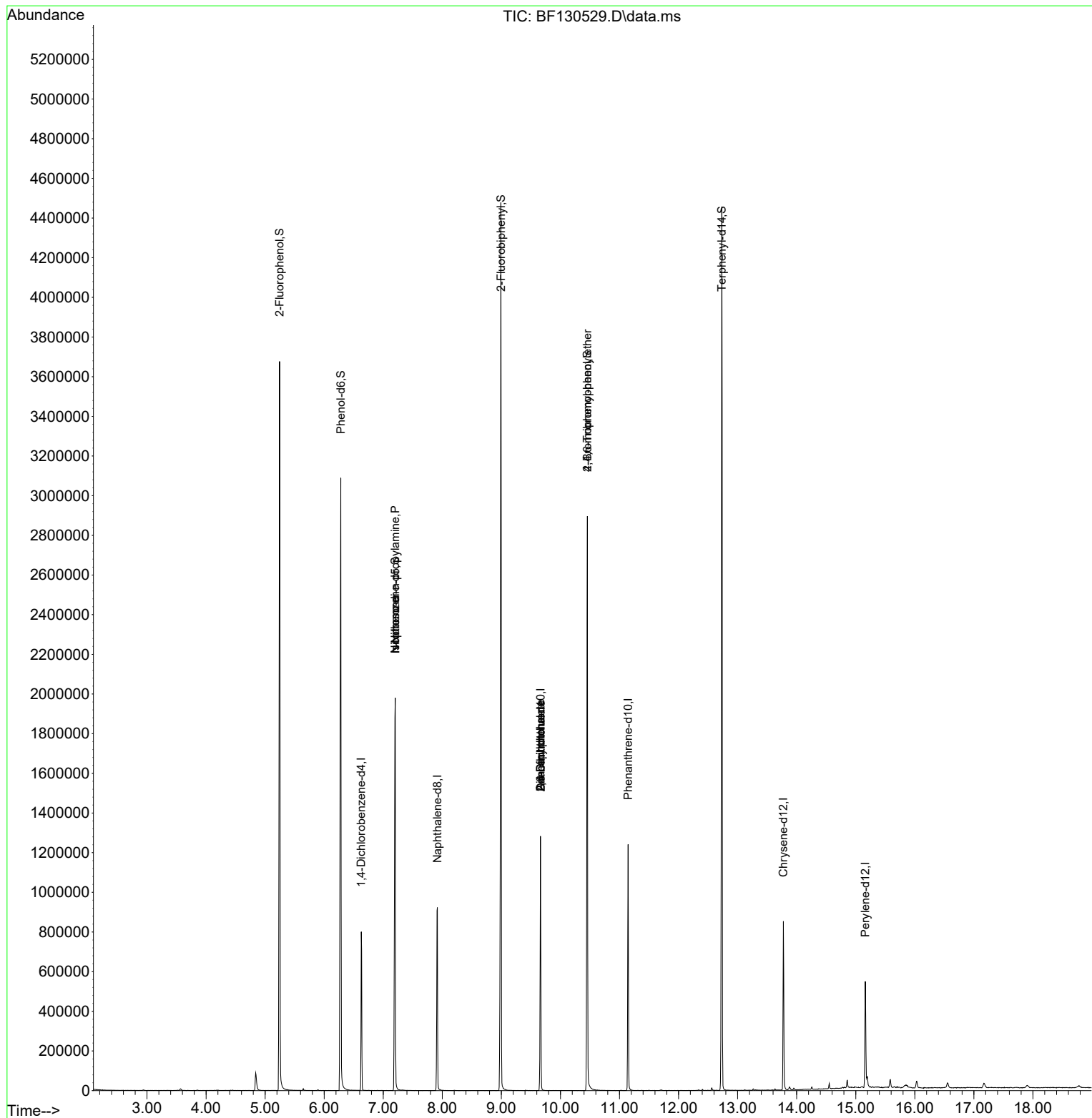
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.628	152	116205	20.000	ng	0.00
21) Naphthalene-d8	7.916	136	475719	20.000	ng	# 0.00
39) Acenaphthene-d10	9.663	164	247910	20.000	ng	0.00
64) Phenanthrene-d10	11.145	188	424031	20.000	ng	0.00
76) Chrysene-d12	13.774	240	283466	20.000	ng	0.00
86) Perylene-d12	15.162	264	228329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	1118026	166.875	ng	0.02
7) Phenol-d6	6.281	99	1197996	142.909	ng	0.00
23) Nitrobenzene-d5	7.204	82	781700	83.948	ng	0.00
42) 2,4,6-Tribromophenol	10.457	330	353575	148.845	ng	0.00
45) 2-Fluorobiphenyl	8.992	172	1462584	85.910	ng	0.00
79) Terphenyl-d14	12.733	244	1633733	95.470	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	105974	18.734	ng	# 72
25) Isophorone	7.204	82	773373	51.530	ng	# 66
50) Dimethylphthalate	9.663	163	43025	2.512	ng	# 1
51) 2,6-Dinitrotoluene	9.663	165	31846	8.892	ng	# 16
57) 2,4-Dinitrotoluene	9.663	165	31846	6.958	ng	# 16
67) 4-Bromophenyl-phenylether	10.457	248	21690	4.637	ng	# 1

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

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Quant Time: Oct 06 01:10:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 01:07:05 2022
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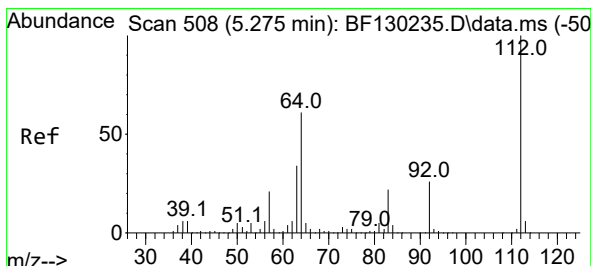
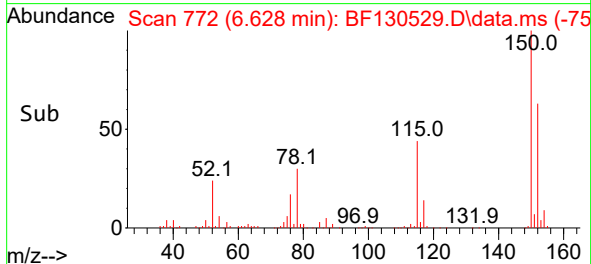
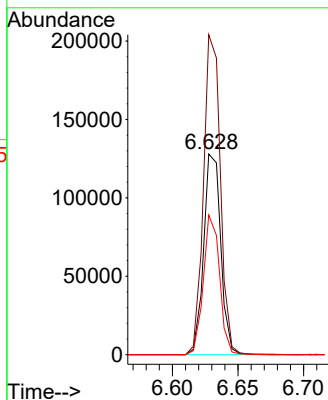
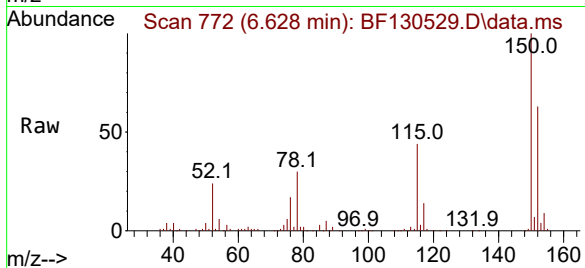




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.628 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130529.D
Acq: 05 Oct 2022 13:21

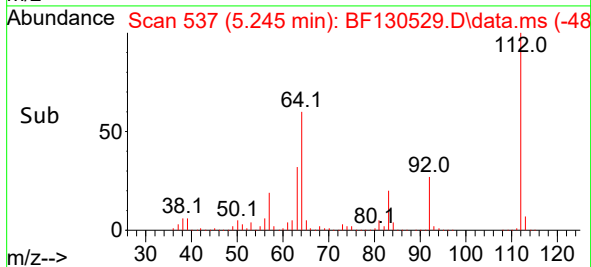
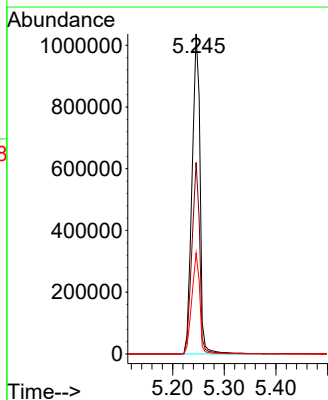
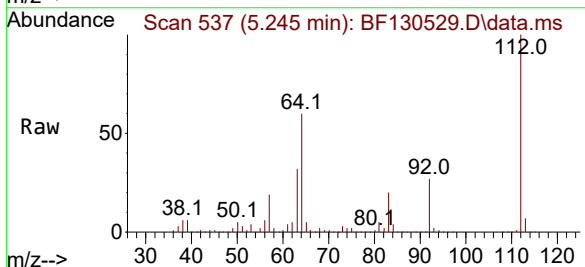
Instrument :
BNA_F
ClientSampleId :
PB148087BL

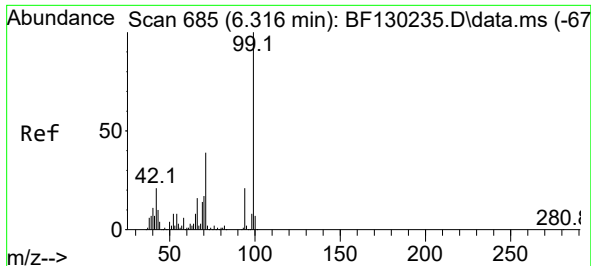
Tgt Ion:152 Resp: 116205
Ion Ratio Lower Upper
152 100
150 159.5 122.8 184.2
115 69.6 53.8 80.8



#5
2-Fluorophenol
Concen: 166.875 ng
RT: 5.245 min Scan# 537
Delta R.T. 0.018 min
Lab File: BF130529.D
Acq: 05 Oct 2022 13:21

Tgt Ion:112 Resp: 1118026
Ion Ratio Lower Upper
112 100
64 59.8 51.4 77.0
63 31.5 28.8 43.2

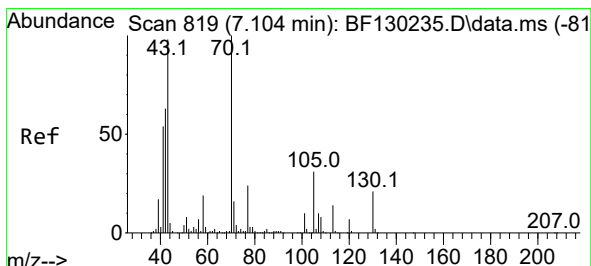
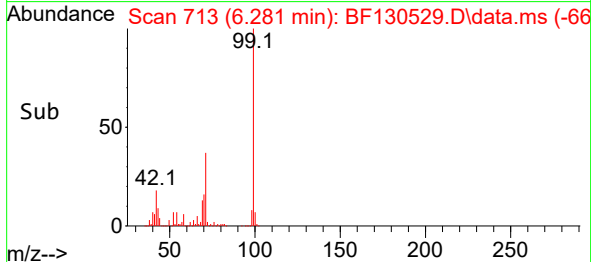
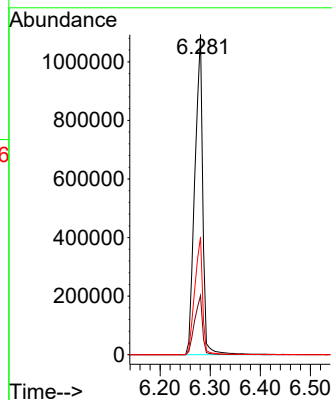
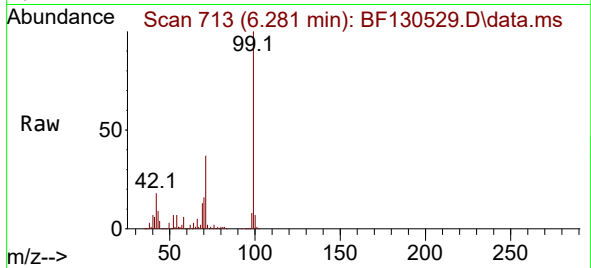




#7
Phenol-d6
Concen: 142.909 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130529.D
Acq: 05 Oct 2022 13:21

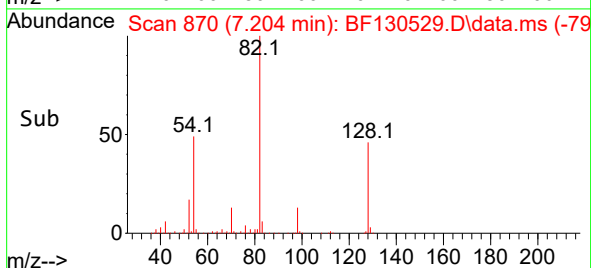
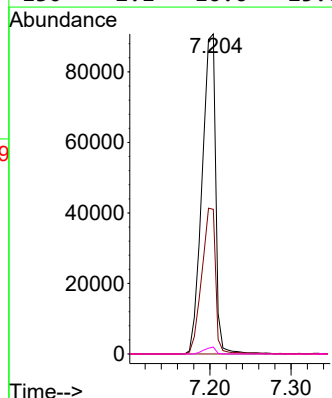
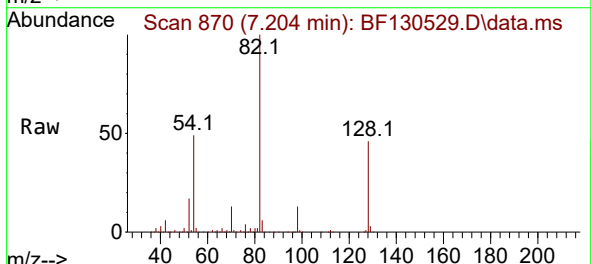
Instrument :
BNA_F
ClientSampleId :
PB148087BL

Tgt Ion: 99 Resp: 1197996
Ion Ratio Lower Upper
99 100
42 18.5 17.0 25.6
71 36.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.734 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.147 min
Lab File: BF130529.D
Acq: 05 Oct 2022 13:21

Tgt Ion: 70 Resp: 105974
Ion Ratio Lower Upper
70 100
42 45.2 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#

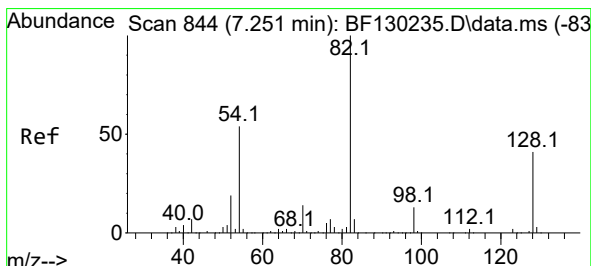
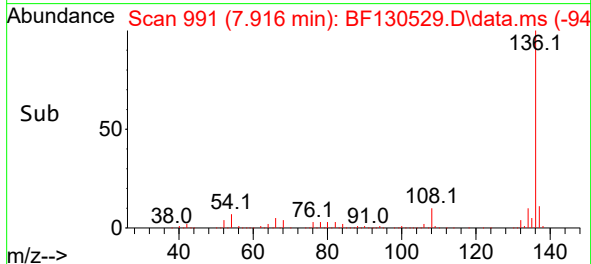
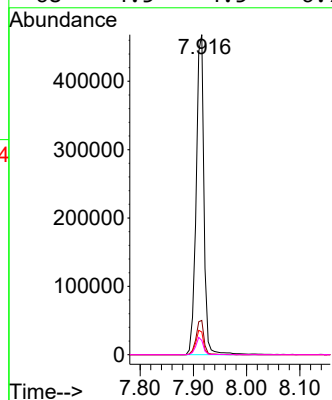
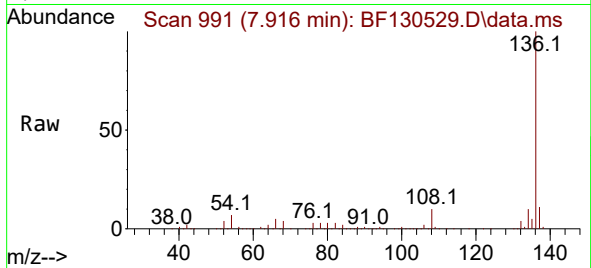




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130529.D
Acq: 05 Oct 2022 13:21

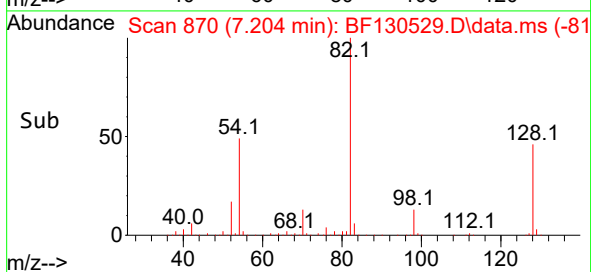
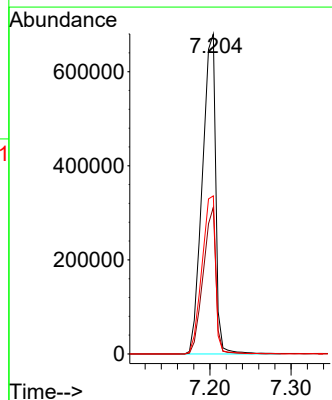
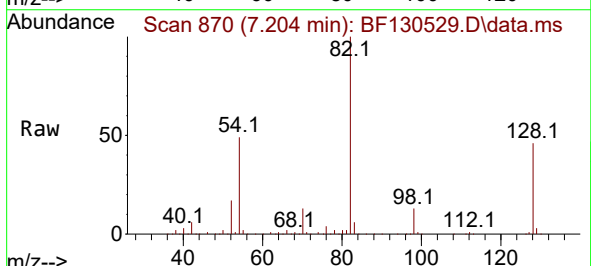
Instrument :
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ClientSampleId :
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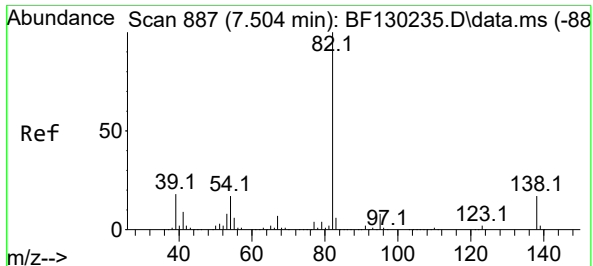
Tgt Ion:136 Resp: 475719
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.1 7.1 10.7#
68 4.5 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 83.948 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF130529.D
Acq: 05 Oct 2022 13:21

Tgt Ion: 82 Resp: 781700
Ion Ratio Lower Upper
82 100
128 45.8 32.6 49.0
54 49.4 43.8 65.6

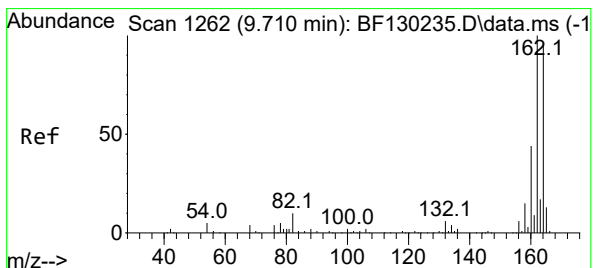
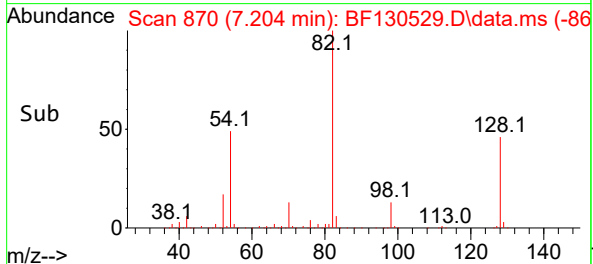
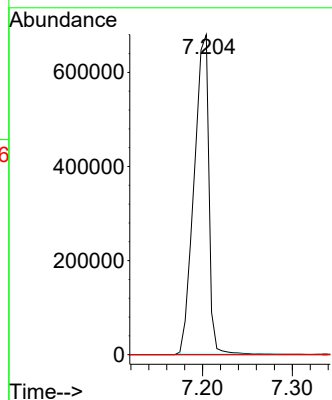
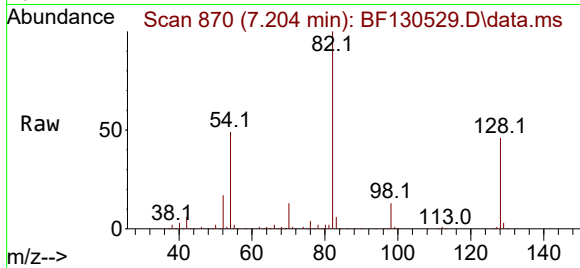




#25
Isophorone
Concen: 51.530 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF130529.D
Acq: 05 Oct 2022 13:21

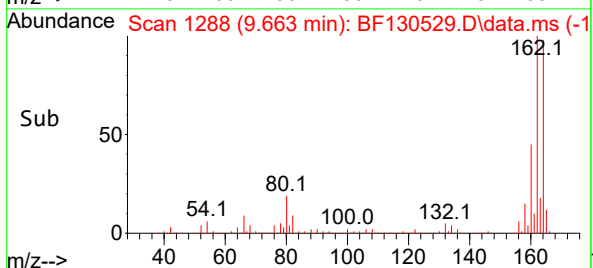
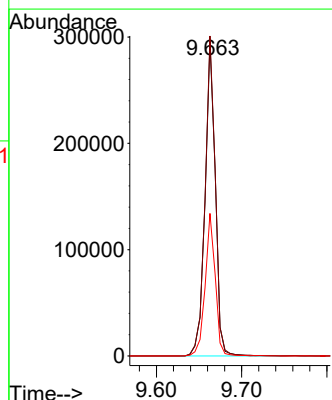
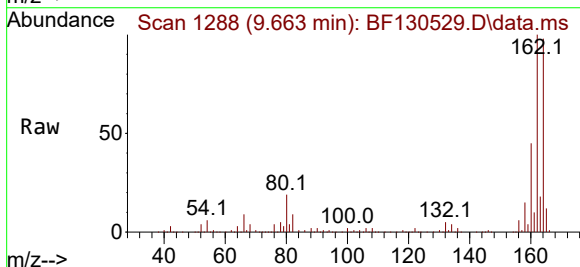
Instrument :
BNA_F
ClientSampleId :
PB148087BL

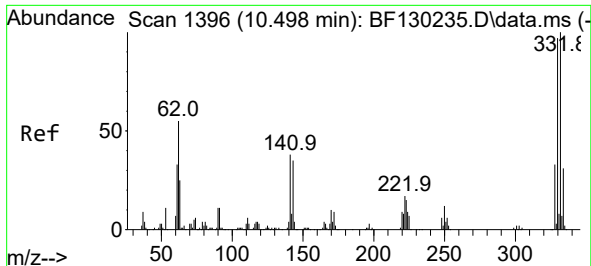
Tgt Ion: 82 Resp: 773373
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF130529.D
Acq: 05 Oct 2022 13:21

Tgt Ion:164 Resp: 247910
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 45.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 148.845 ng

RT: 10.457 min Scan# 1423

Delta R.T. -0.000 min

Lab File: BF130529.D

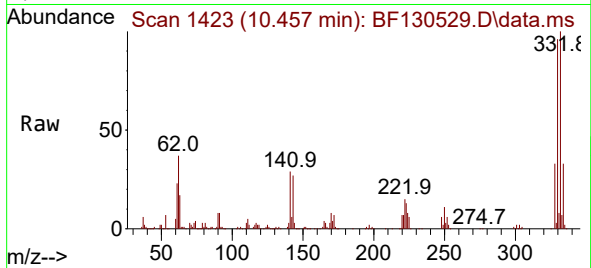
Acq: 05 Oct 2022 13:21

Instrument :

BNA_F

ClientSampleId :

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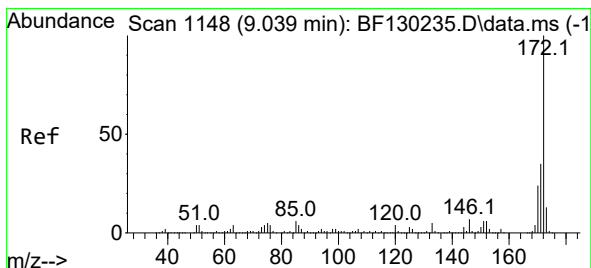
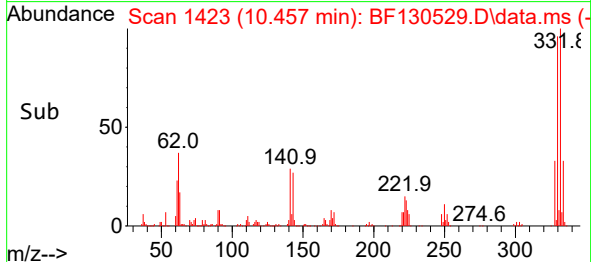
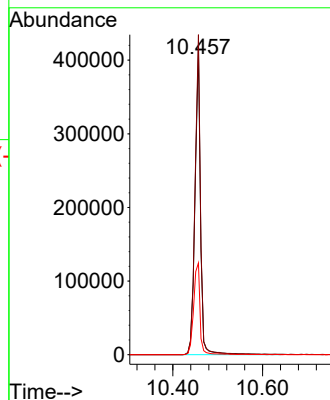
Tgt Ion:330 Resp: 353575

Ion Ratio Lower Upper

330 100

332 103.9 83.4 125.2

141 34.7 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 85.910 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BF130529.D

Acq: 05 Oct 2022 13:21

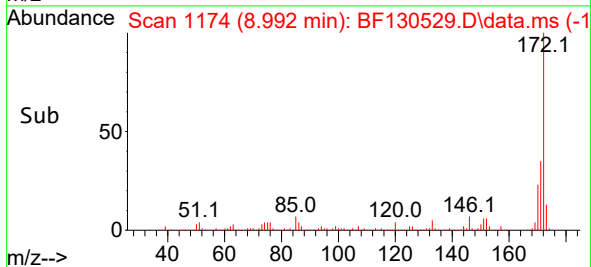
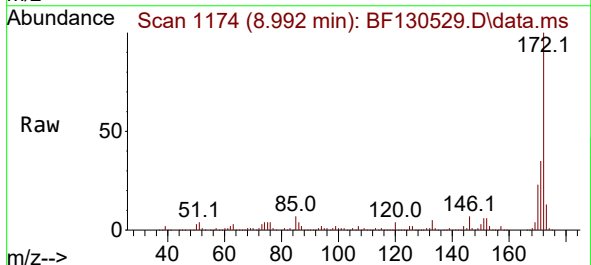
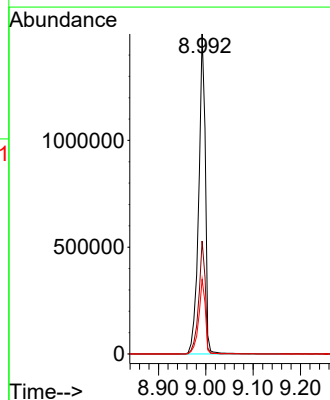
Tgt Ion:172 Resp: 1462584

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.4 18.7 28.1

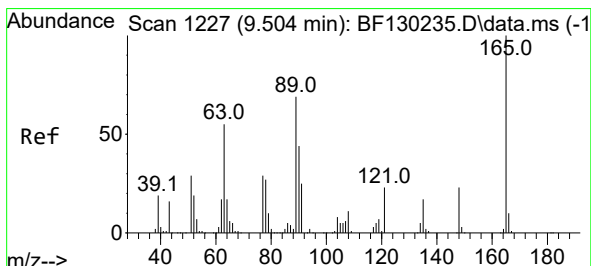
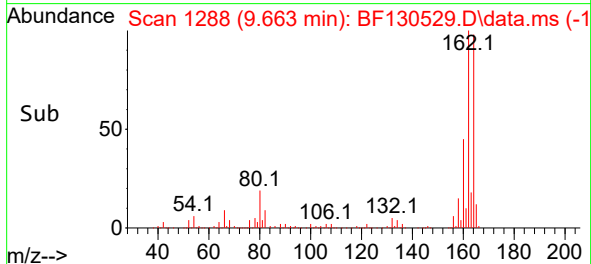
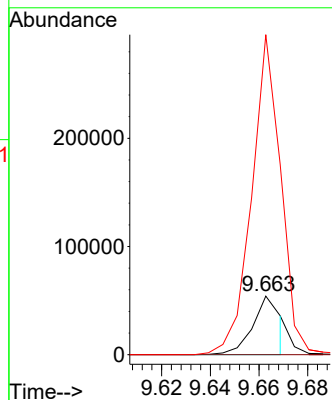
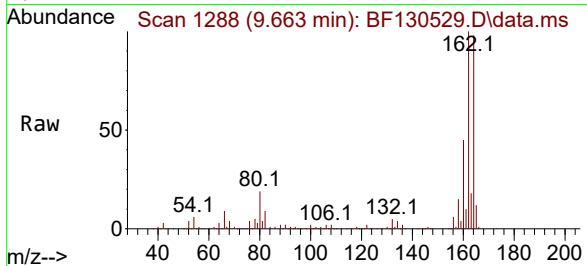




#50
Dimethylphthalate
Concen: 2.512 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.265 min
Lab File: BF130529.D
Acq: 05 Oct 2022 13:21

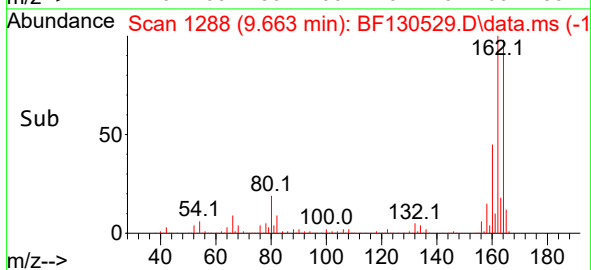
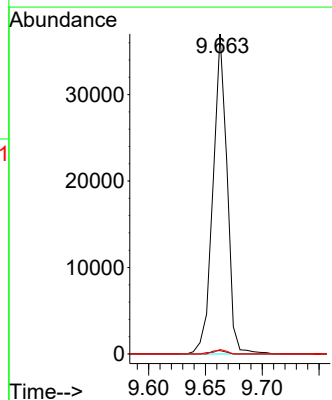
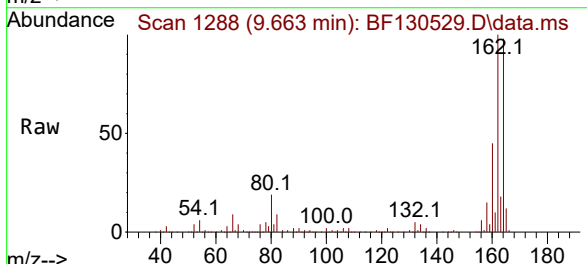
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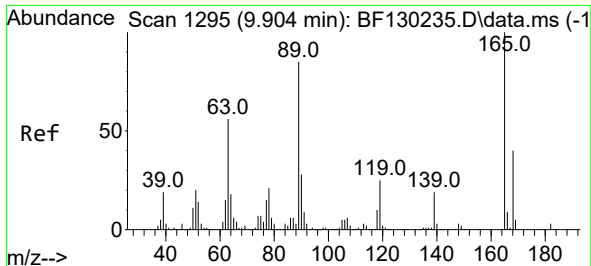
Tgt Ion:163 Resp: 43025
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 546.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.892 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.200 min
Lab File: BF130529.D
Acq: 05 Oct 2022 13:21

Tgt Ion:165 Resp: 31846
Ion Ratio Lower Upper
165 100
63 1.1 58.8 88.2#
89 1.4 54.5 81.7#

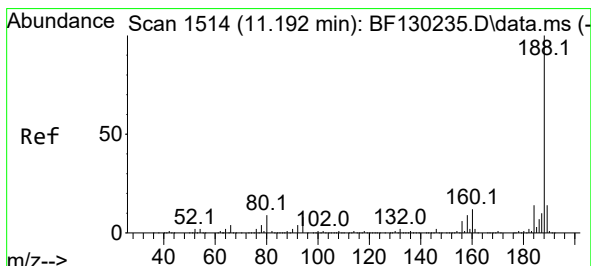
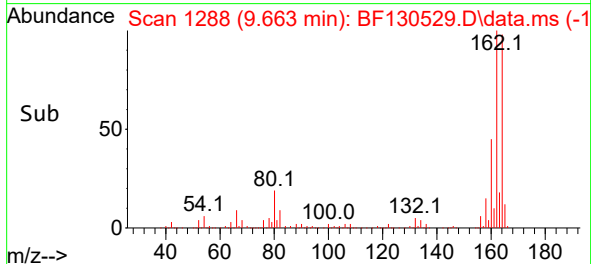
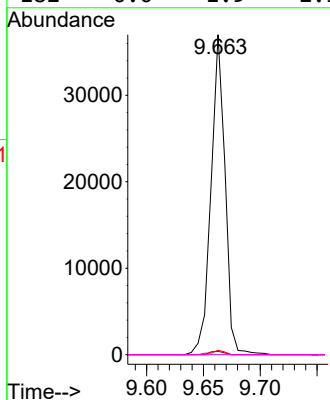
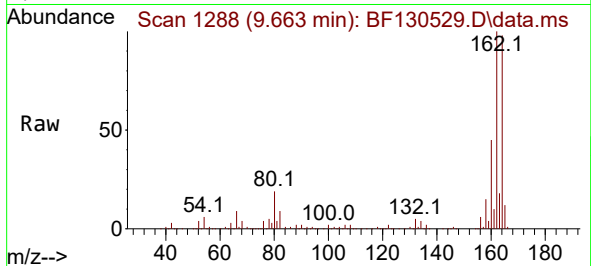




#57
2,4-Dinitrotoluene
Concen: 6.958 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130529.D
Acq: 05 Oct 2022 13:21

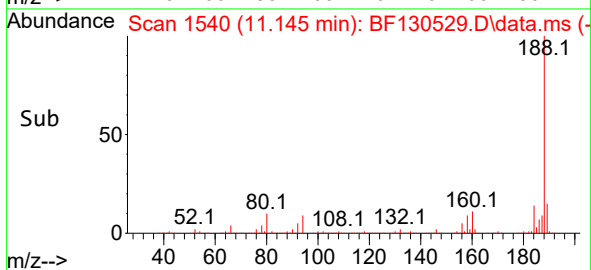
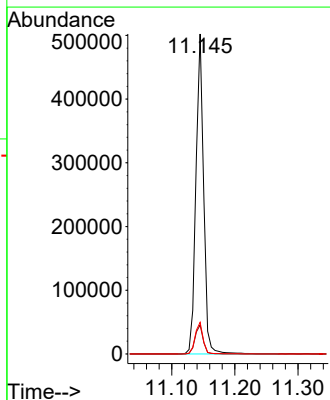
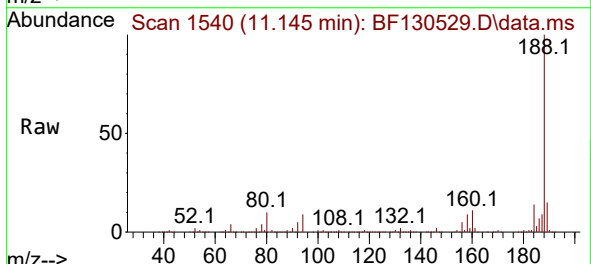
Instrument :
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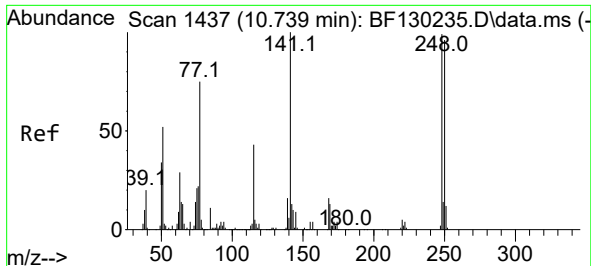
Tgt Ion:165 Resp: 31846
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.4 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BF130529.D
Acq: 05 Oct 2022 13:21

Tgt Ion:188 Resp: 424031
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.9 7.9 11.9

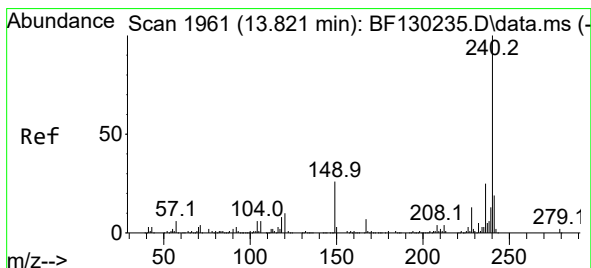
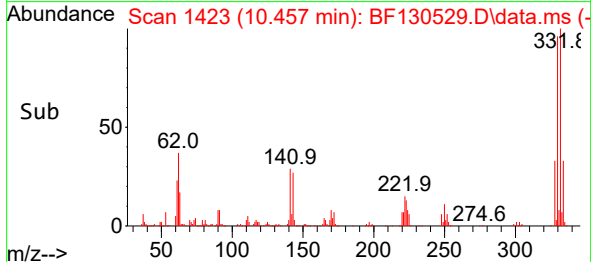
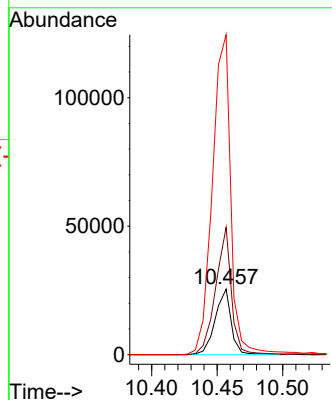
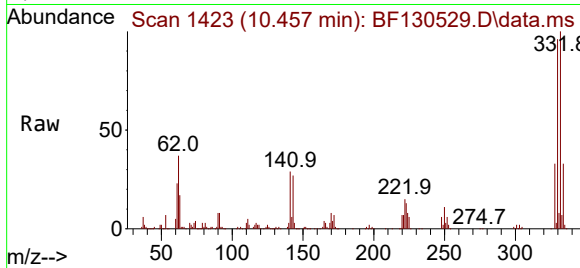




#67
4-Bromophenyl-phenylether
Concen: 4.637 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF130529.D
Acq: 05 Oct 2022 13:21

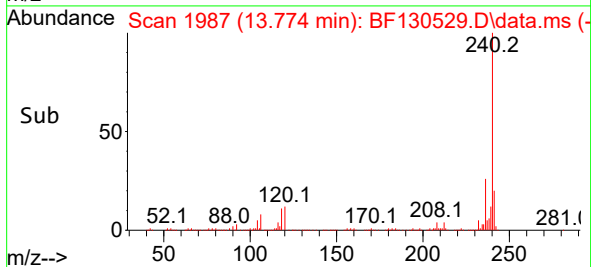
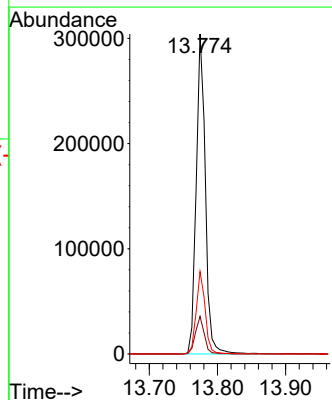
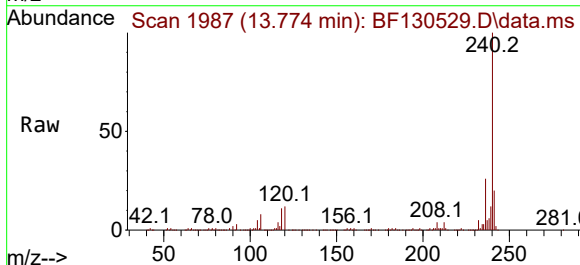
Instrument :
BNA_F
ClientSampleId :
PB148087BL

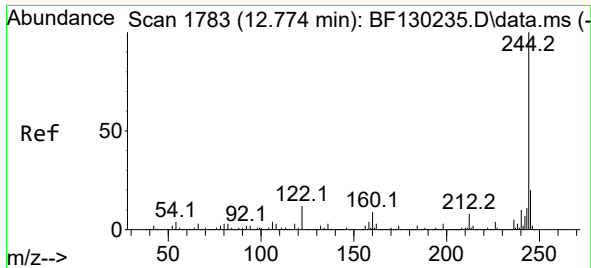
Tgt Ion:248 Resp: 21690
Ion Ratio Lower Upper
248 100
250 194.1 80.0 120.0#
141 487.8 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.774 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BF130529.D
Acq: 05 Oct 2022 13:21

Tgt Ion:240 Resp: 283466
Ion Ratio Lower Upper
240 100
120 11.7 8.7 13.1
236 25.8 20.9 31.3

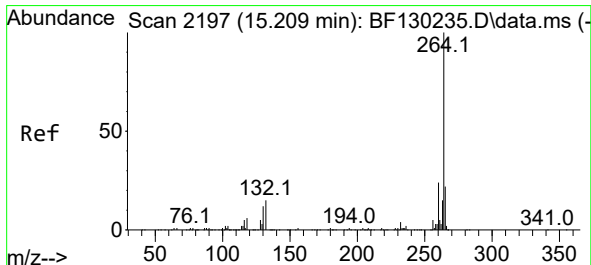
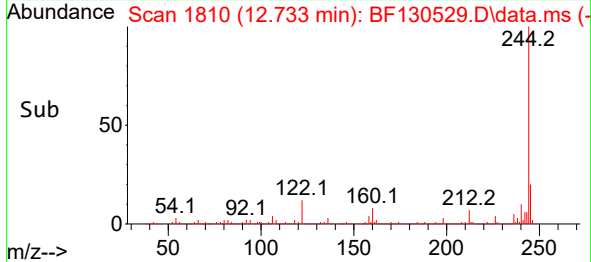
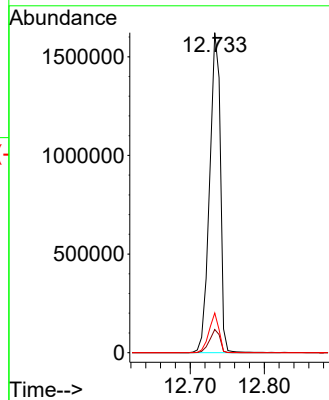
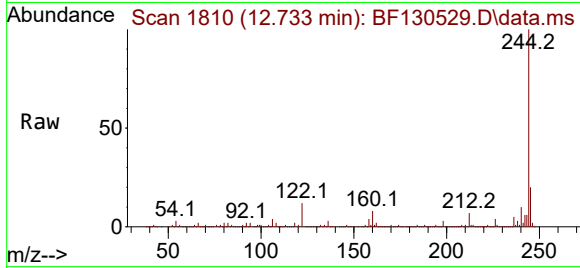




#79
 Terphenyl-d14
 Concen: 95.470 ng
 RT: 12.733 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130529.D
 Acq: 05 Oct 2022 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB148087BL

Tgt Ion:244 Resp: 1633733
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.4 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.162 min Scan# 2223
 Delta R.T. -0.000 min
 Lab File: BF130529.D
 Acq: 05 Oct 2022 13:21

Tgt Ion:264 Resp: 228329
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.8 17.0 25.4

