

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
 Data File : BF130154.D
 Acq On : 07 Sep 2022 10:40
 Operator : CG\JU
 Sample : PB147422TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147422TB

Quant Time: Sep 08 02:44:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

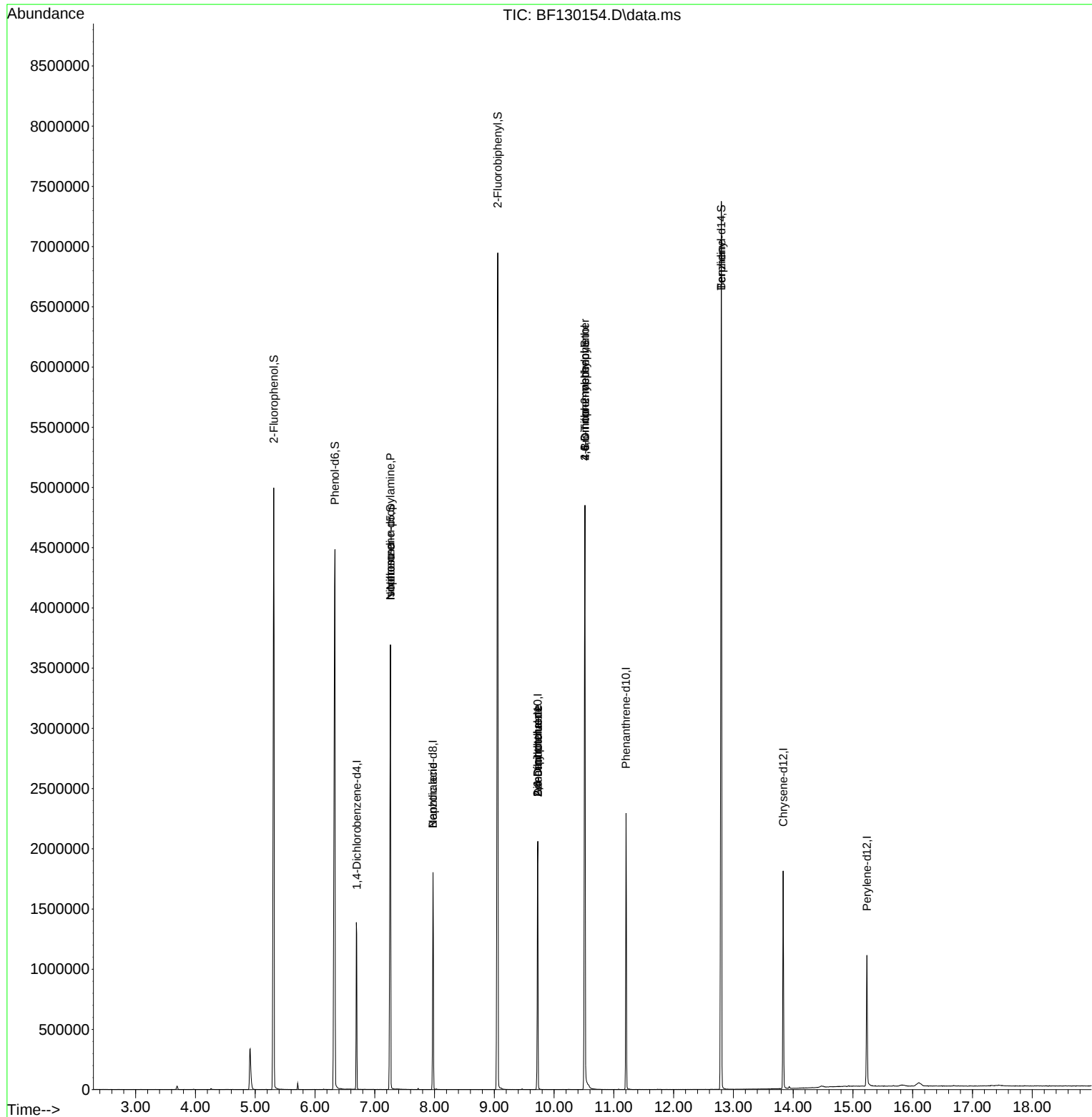
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	209304	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	830753	20.000	ng	0.00
39) Acenaphthene-d10	9.727	164	446089	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	770907	20.000	ng	0.00
76) Chrysene-d12	13.833	240	572672	20.000	ng	-0.01
86) Perylene-d12	15.233	264	446327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1825794	148.089	ng	0.01
7) Phenol-d6	6.334	99	2197186	142.946	ng	0.00
23) Nitrobenzene-d5	7.263	82	1348872	104.347	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	680512	167.587	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2424426	90.107	ng	0.00
79) Terphenyl-d14	12.798	244	2916527	88.316	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	176812	19.094	ng	# 73
25) Isophorone	7.263	82	1341620	51.278	ng	# 65
32) Benzoic acid	7.975	122	178	6.589	ng	# 1
50) Dimethylphthalate	9.727	163	83307	2.742	ng	# 1
51) 2,6-Dinitrotoluene	9.727	165	58308	9.843	ng	# 22
57) 2,4-Dinitrotoluene	9.727	165	58308	8.549	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.516	198	1409	6.419	ng	# 1
67) 4-Bromophenyl-phenylether	10.516	248	39158	4.567	ng	# 1
77) Benzidine	12.798	184	39280	2.540	ng	# 91

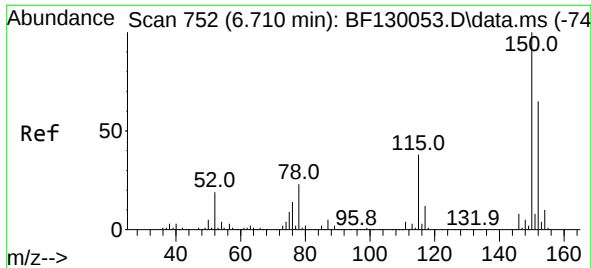
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

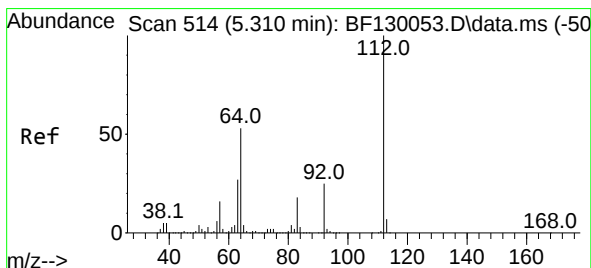
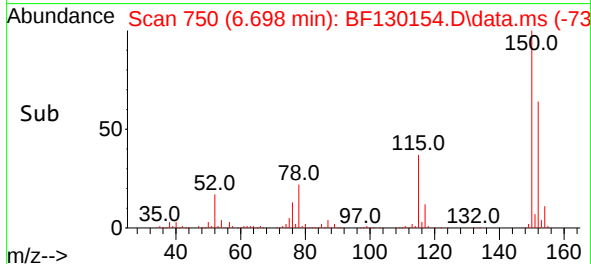
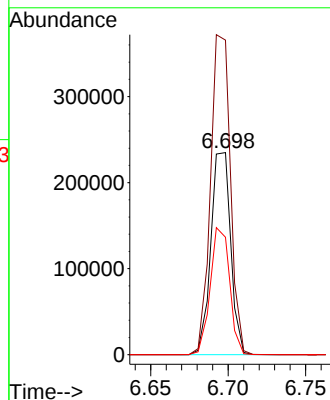
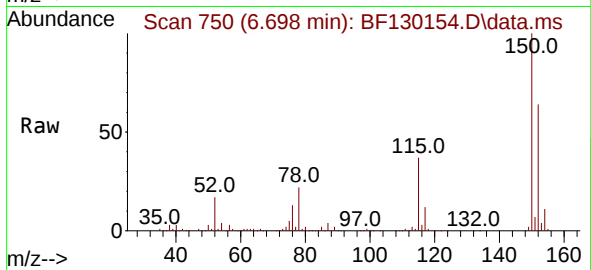




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130154.D
 Acq: 07 Sep 2022 10:40

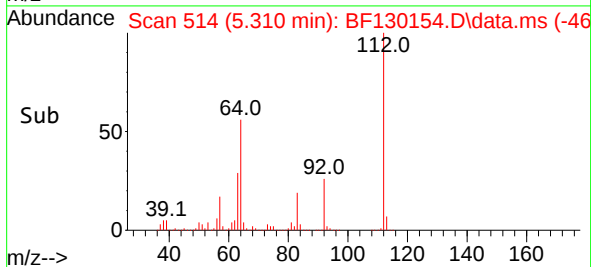
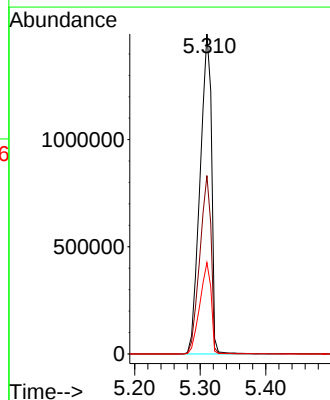
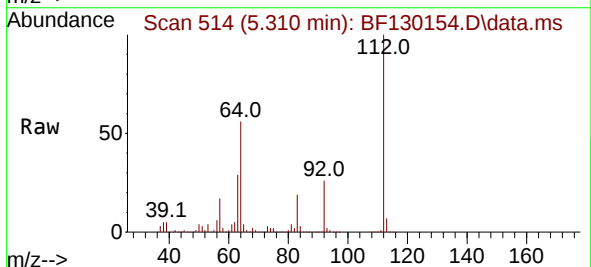
Instrument :
 BNA_F
 ClientSampleId :
 PB147422TB

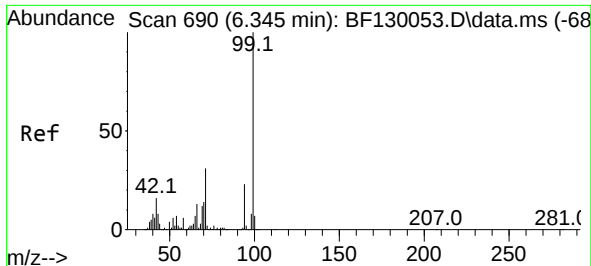
Tgt Ion:152 Resp: 209304
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.9 190.3
 115 58.1 53.4 80.0



#5
 2-Fluorophenol
 Concen: 148.089 ng
 RT: 5.310 min Scan# 514
 Delta R.T. 0.012 min
 Lab File: BF130154.D
 Acq: 07 Sep 2022 10:40

Tgt Ion:112 Resp: 1825794
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.6 71.4
 63 28.6 24.6 37.0

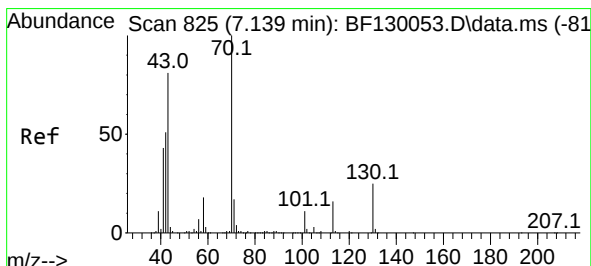
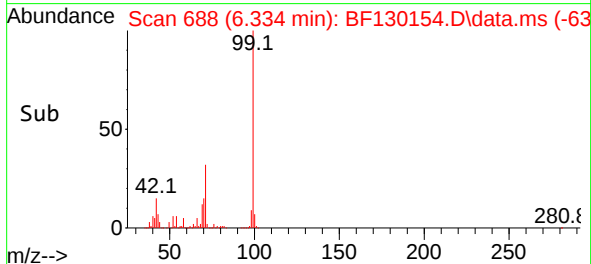
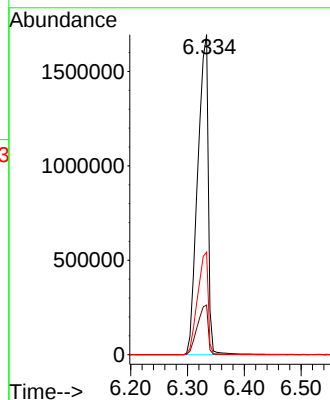
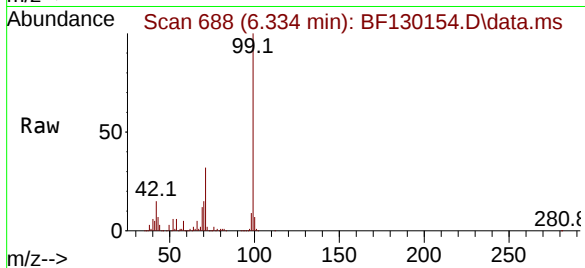




#7
Phenol-d6
Concen: 142.946 ng
RT: 6.334 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF130154.D
Acq: 07 Sep 2022 10:40

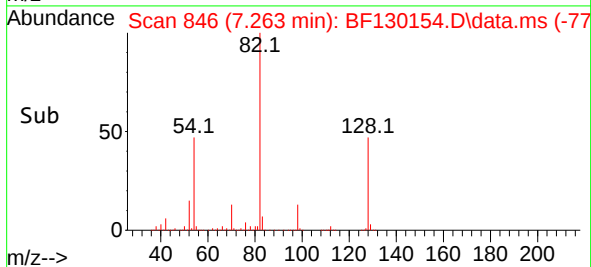
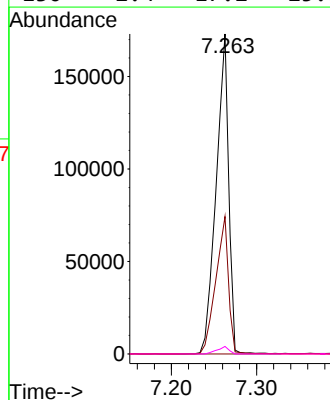
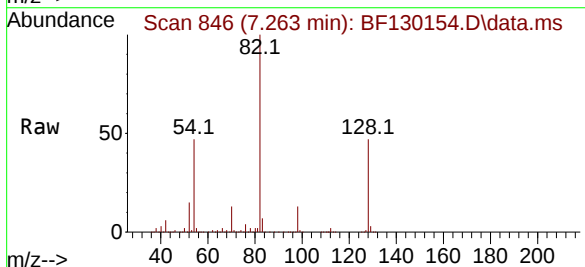
Instrument :
BNA_F
ClientSampleId :
PB147422TB

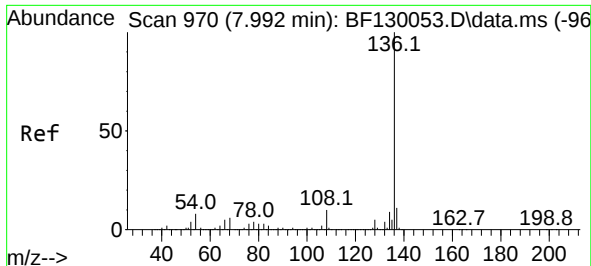
Tgt Ion: 99 Resp: 2197186
Ion Ratio Lower Upper
99 100
42 15.5 15.0 22.4
71 32.0 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.094 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130154.D
Acq: 07 Sep 2022 10:40

Tgt Ion: 70 Resp: 176812
Ion Ratio Lower Upper
70 100
42 43.0 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#

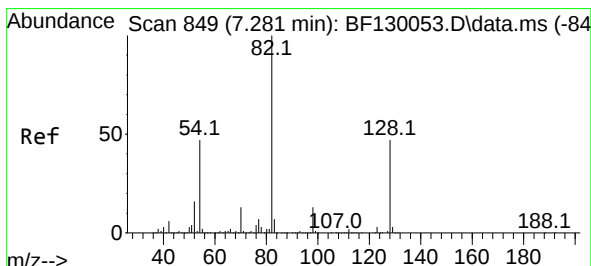
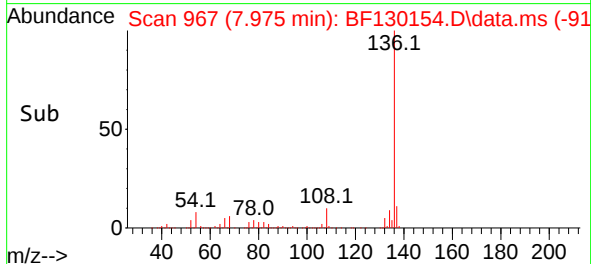
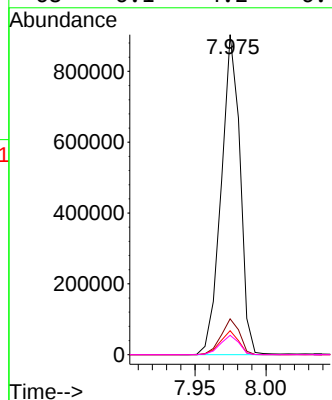
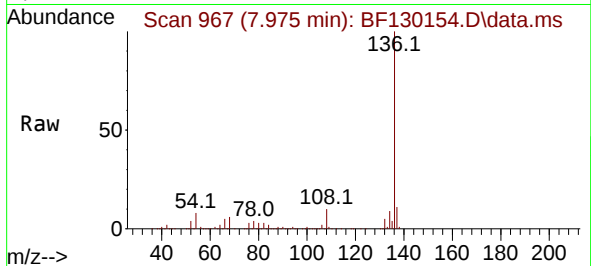




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130154.D
Acq: 07 Sep 2022 10:40

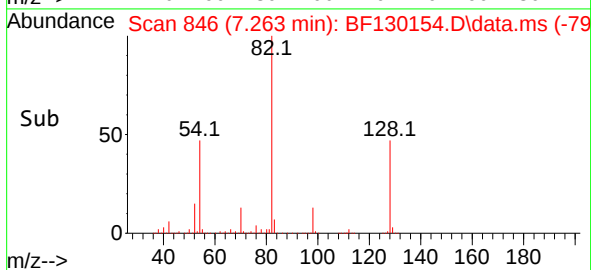
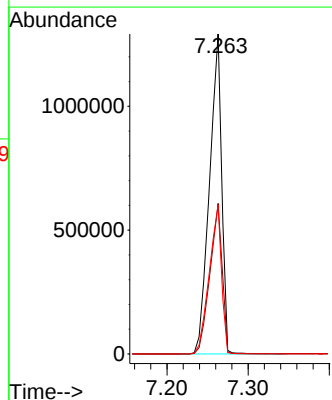
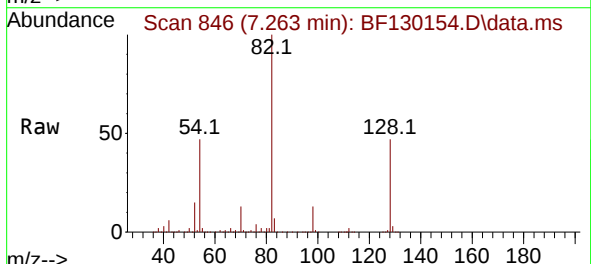
Instrument :
BNA_F
ClientSampleId :
PB147422TB

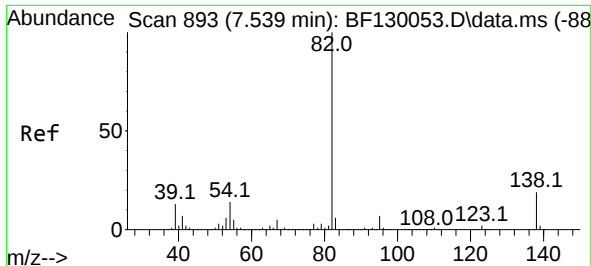
Tgt Ion:136 Resp: 830753
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.5 6.2 9.2
68 6.1 4.2 6.4



#23
Nitrobenzene-d5
Concen: 104.347 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130154.D
Acq: 07 Sep 2022 10:40

Tgt Ion: 82 Resp: 1348872
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 46.5 40.0 60.0

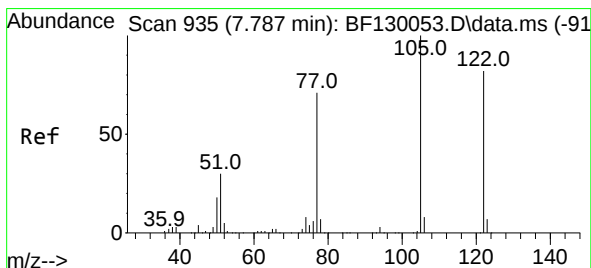
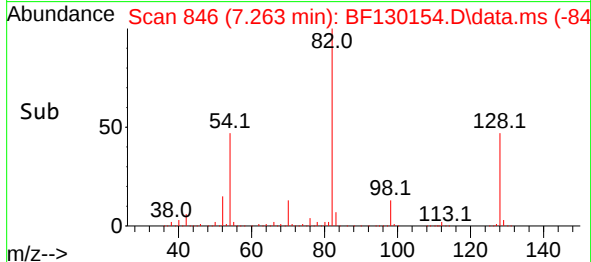
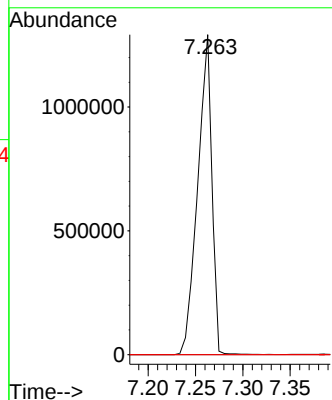
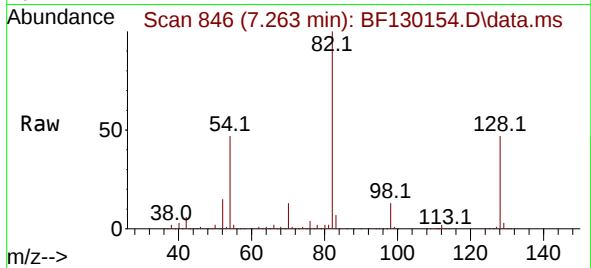




#25
Isophorone
Concen: 51.278 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130154.D
Acq: 07 Sep 2022 10:40

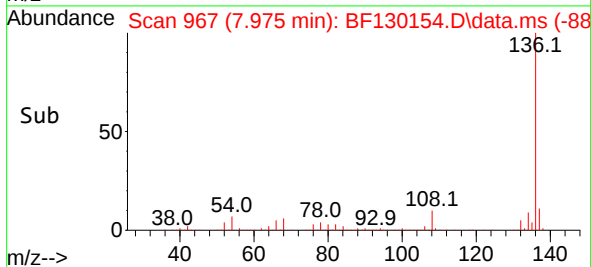
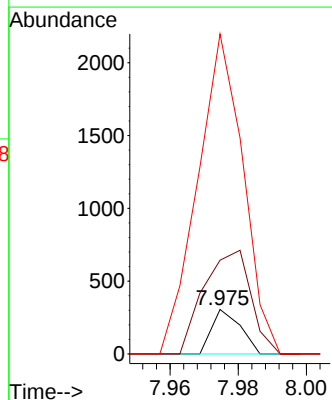
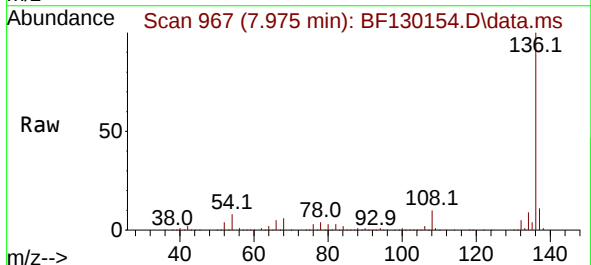
Instrument :
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ClientSampleId :
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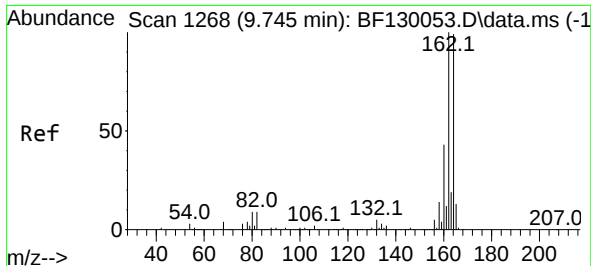
Tgt Ion: 82 Resp: 1341620
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.589 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.206 min
Lab File: BF130154.D
Acq: 07 Sep 2022 10:40

Tgt Ion: 122 Resp: 178
Ion Ratio Lower Upper
122 100
105 210.5 99.9 139.9#
77 718.3 65.9 105.9#

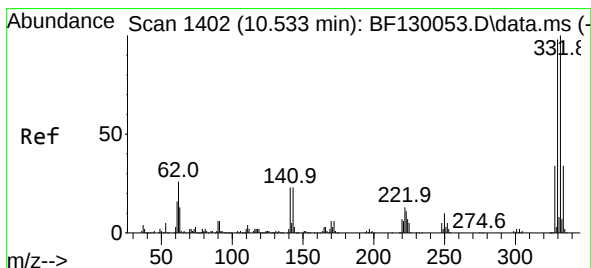
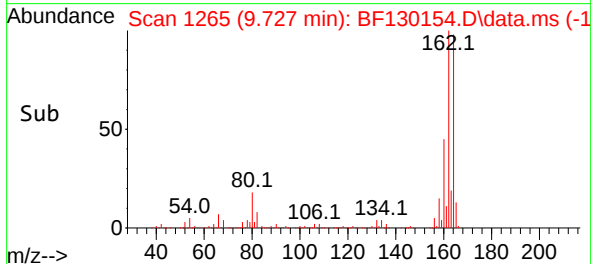
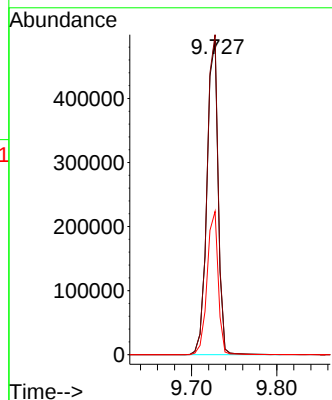
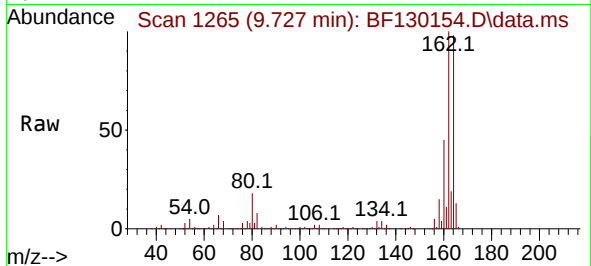




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.727 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130154.D
Acq: 07 Sep 2022 10:40

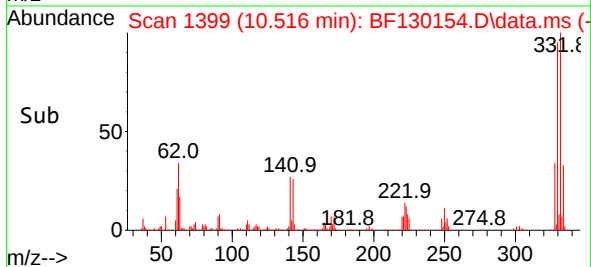
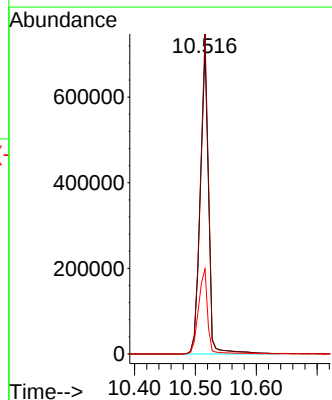
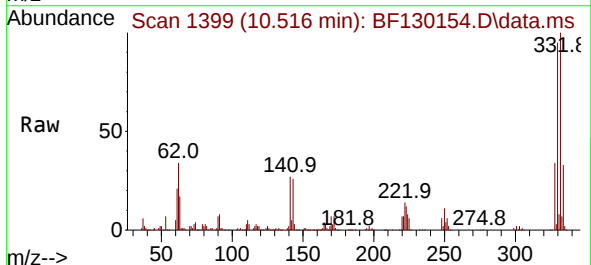
Instrument :
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ClientSampleId :
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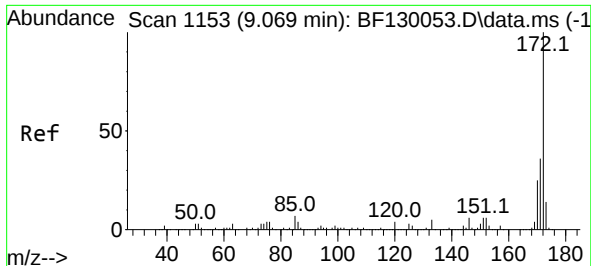
Tgt Ion:164 Resp: 446089
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 45.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 167.587 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130154.D
Acq: 07 Sep 2022 10:40

Tgt Ion:330 Resp: 680512
Ion Ratio Lower Upper
330 100
332 104.5 82.6 124.0
141 30.7 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 90.107 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130154.D

Acq: 07 Sep 2022 10:40

Instrument :

BNA_F

ClientSampleId :

PB147422TB

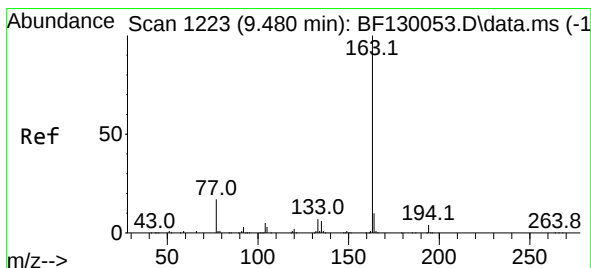
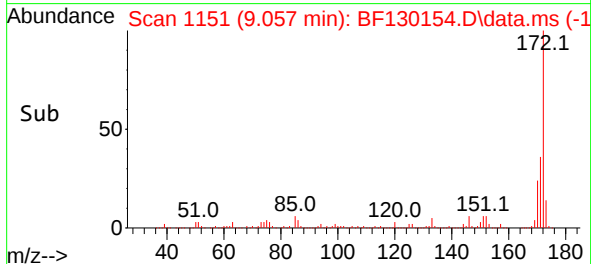
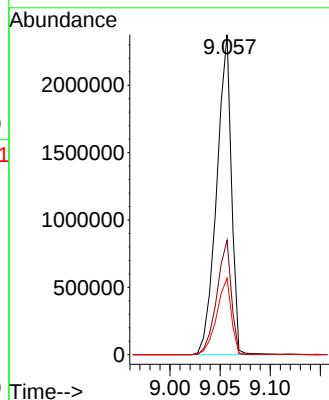
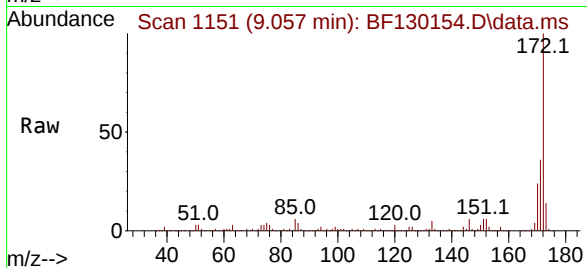
Tgt Ion:172 Resp: 2424426

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.9 19.1 28.7



#50

Dimethylphthalate

Concen: 2.742 ng

RT: 9.727 min Scan# 1265

Delta R.T. 0.259 min

Lab File: BF130154.D

Acq: 07 Sep 2022 10:40

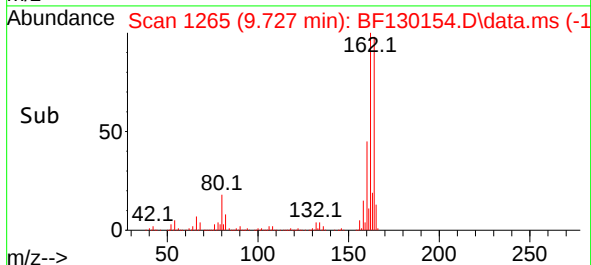
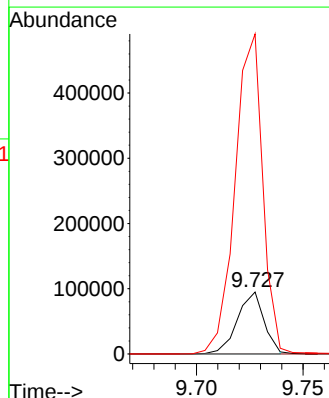
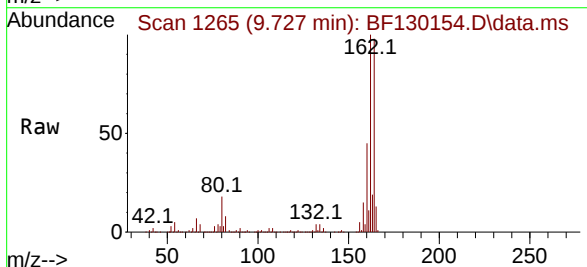
Tgt Ion:163 Resp: 83307

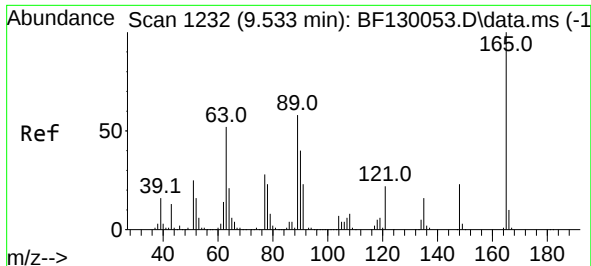
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 516.2 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.843 ng

RT: 9.727 min Scan# 1265

Delta R.T. 0.200 min

Lab File: BF130154.D

Acq: 07 Sep 2022 10:40

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PB147422TB

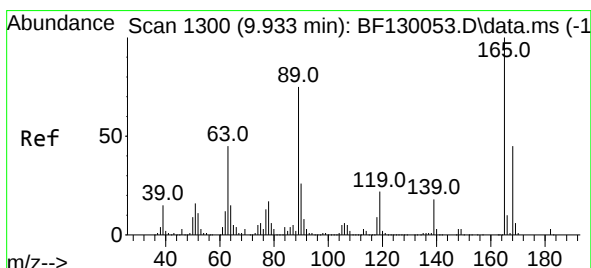
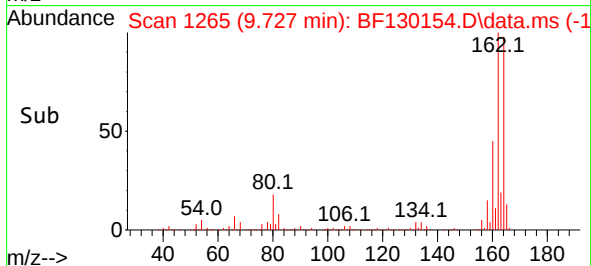
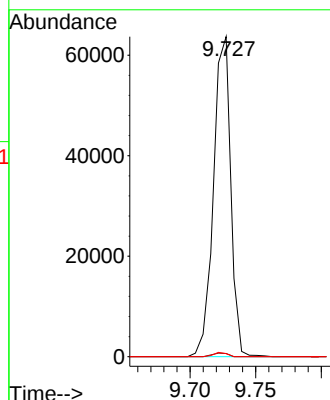
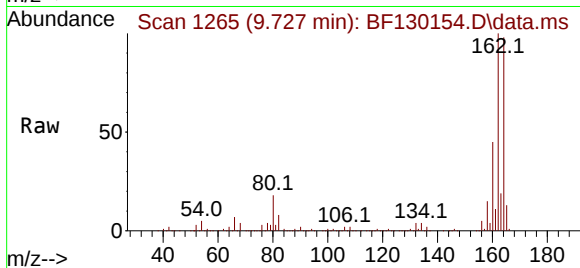
Tgt Ion:165 Resp: 58308

Ion Ratio Lower Upper

165 100

63 1.0 47.8 71.8#

89 1.0 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.549 ng

RT: 9.727 min Scan# 1265

Delta R.T. -0.194 min

Lab File: BF130154.D

Acq: 07 Sep 2022 10:40

Tgt Ion:165 Resp: 58308

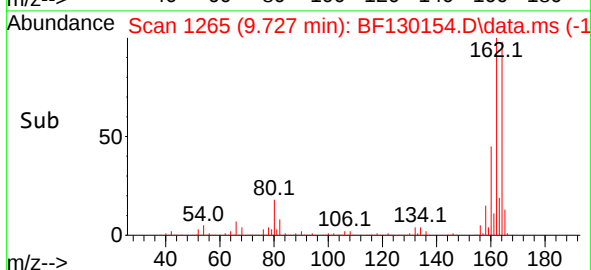
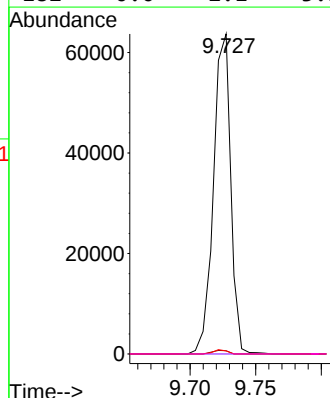
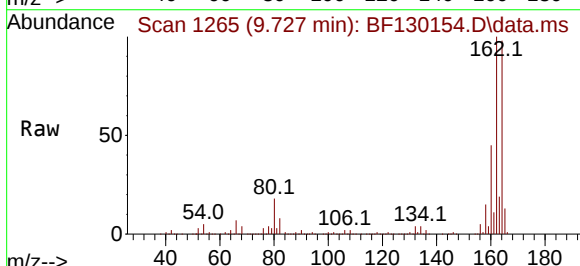
Ion Ratio Lower Upper

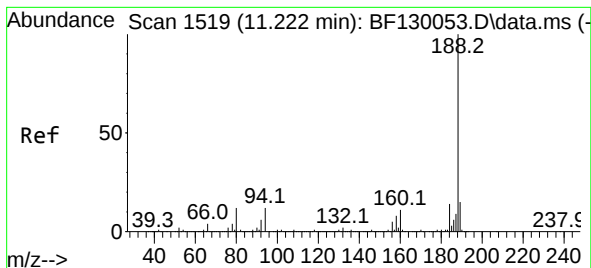
165 100

63 1.0 48.4 72.6#

89 1.0 62.3 93.5#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130154.D

Acq: 07 Sep 2022 10:40

Instrument :

BNA_F

ClientSampleId :

PB147422TB

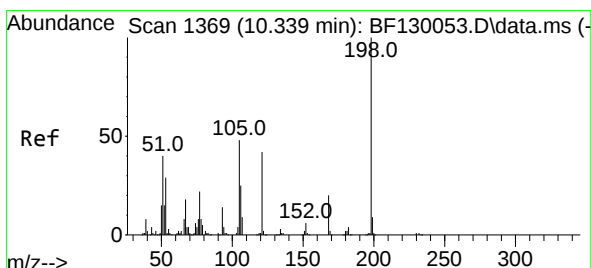
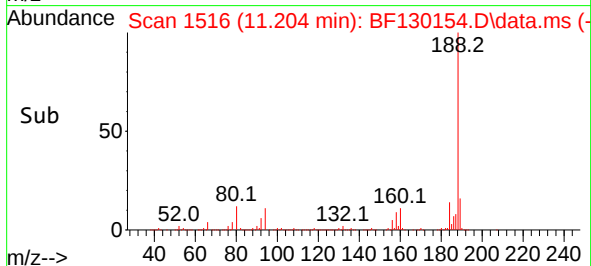
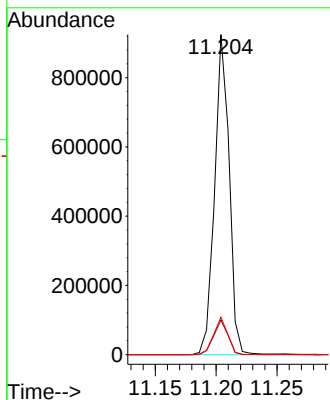
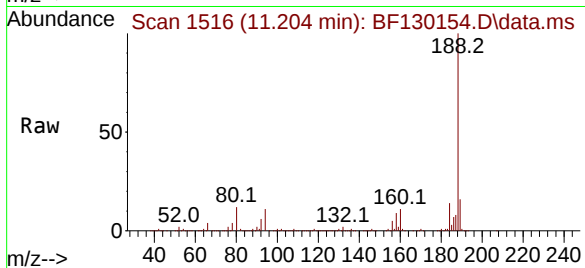
Tgt Ion:188 Resp: 770907

Ion Ratio Lower Upper

188 100

94 10.8 7.4 11.2

80 11.7 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.419 ng

RT: 10.516 min Scan# 1399

Delta R.T. 0.188 min

Lab File: BF130154.D

Acq: 07 Sep 2022 10:40

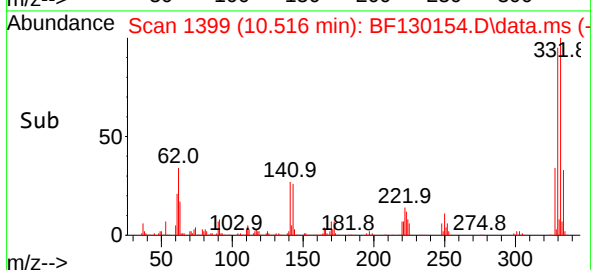
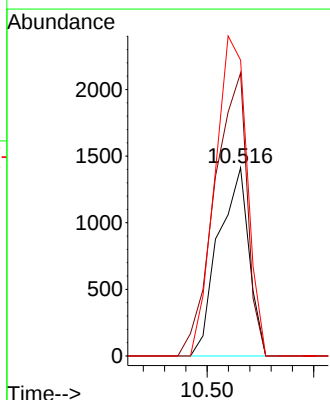
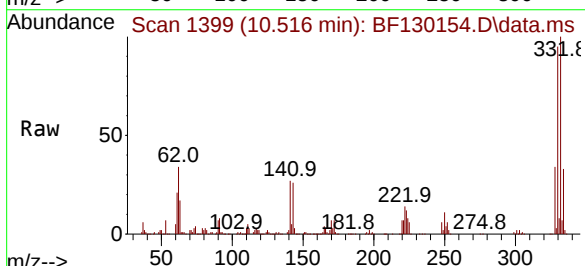
Tgt Ion:198 Resp: 1409

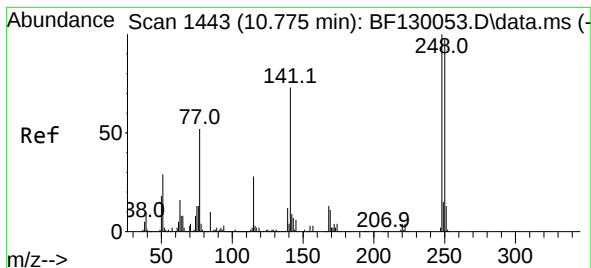
Ion Ratio Lower Upper

198 100

51 150.4 29.4 69.4#

105 157.2 29.2 69.2#

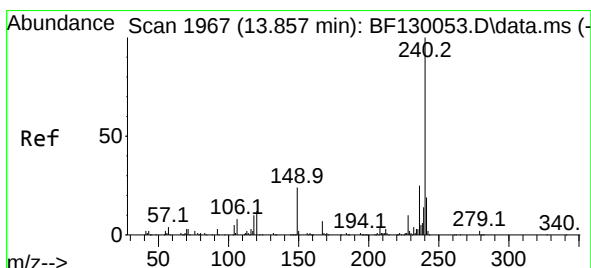
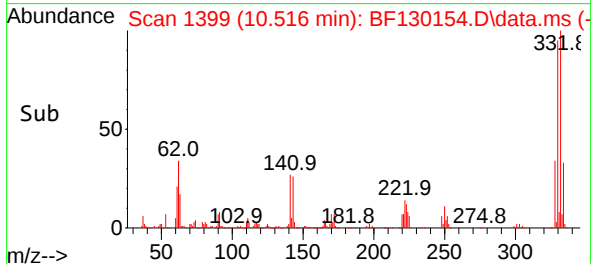
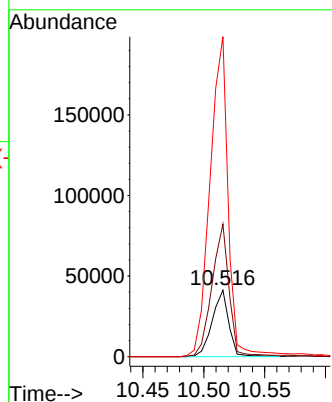
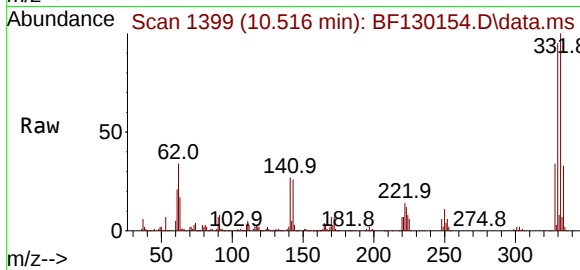




#67
4-Bromophenyl-phenylether
Concen: 4.567 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF130154.D
Acq: 07 Sep 2022 10:40

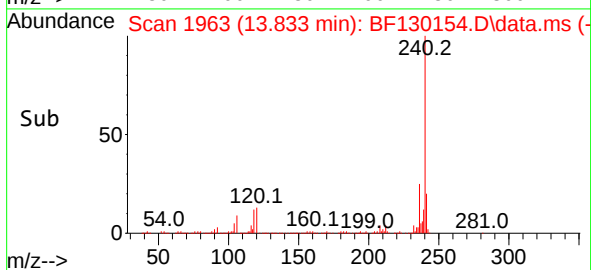
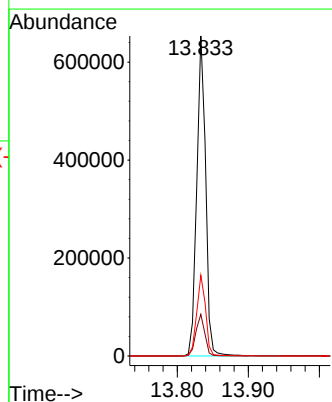
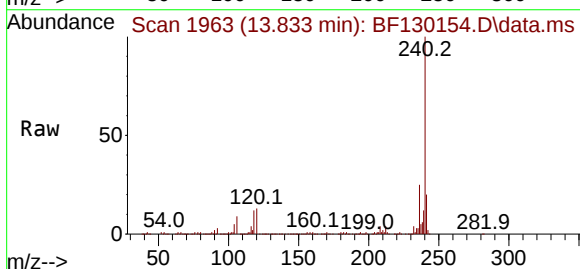
Instrument :
BNA_F
ClientSampleId :
PB147422TB

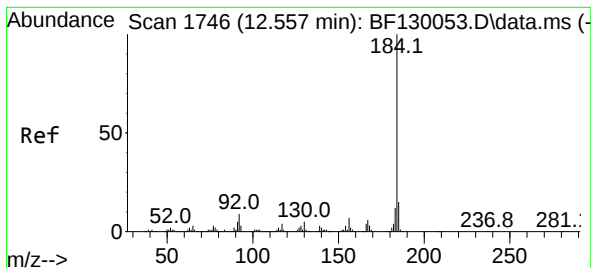
Tgt Ion:248 Resp: 39158
Ion Ratio Lower Upper
248 100
250 199.4 77.8 116.6#
141 481.3 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130154.D
Acq: 07 Sep 2022 10:40

Tgt Ion:240 Resp: 572672
Ion Ratio Lower Upper
240 100
120 13.0 9.2 13.8
236 25.2 20.7 31.1





#77

Benzidine

Concen: 2.540 ng

RT: 12.798 min Scan# 1787

Delta R.T. 0.253 min

Lab File: BF130154.D

Acq: 07 Sep 2022 10:40

Instrument :

BNA_F

ClientSampleId :

PB147422TB

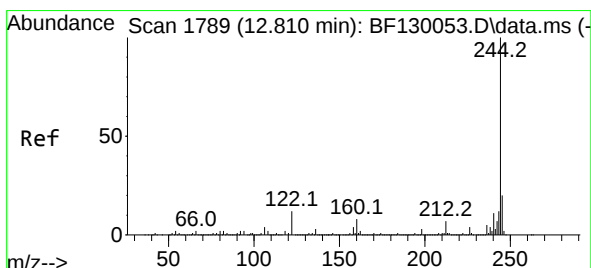
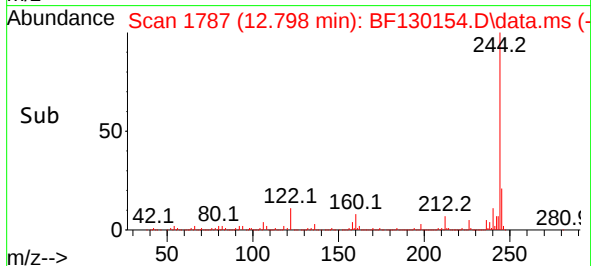
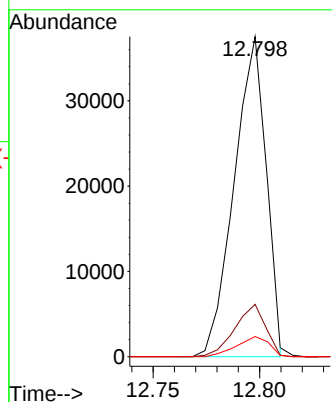
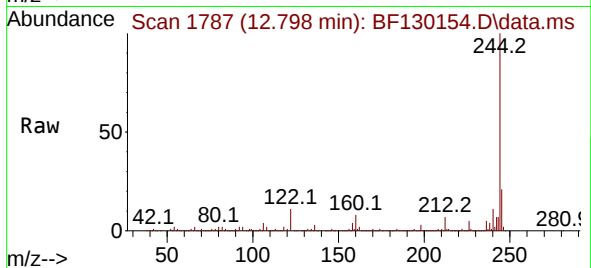
Tgt Ion:184 Resp: 39280

Ion Ratio Lower Upper

184 100

185 16.3 11.4 17.2

183 6.3 9.4 14.2#



#79

Terphenyl-d14

Concen: 88.316 ng

RT: 12.798 min Scan# 1787

Delta R.T. -0.000 min

Lab File: BF130154.D

Acq: 07 Sep 2022 10:40

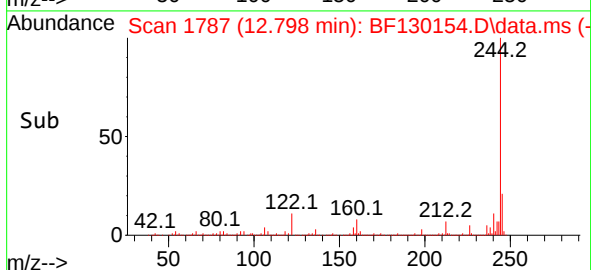
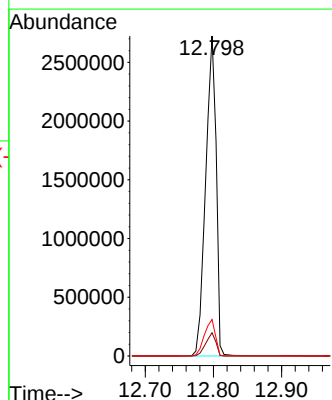
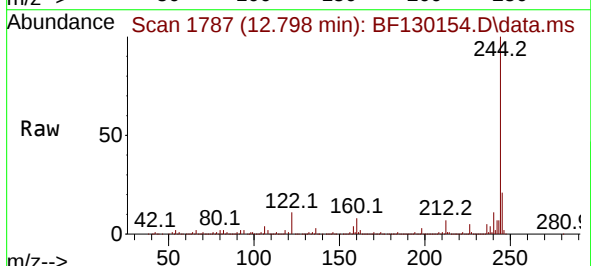
Tgt Ion:244 Resp: 2916527

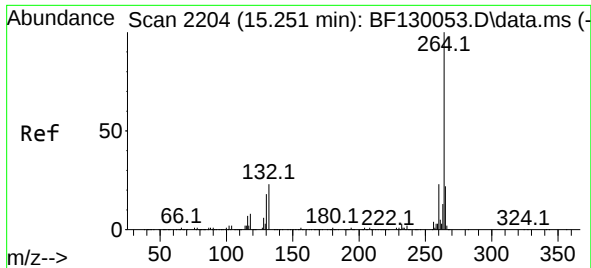
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.4 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130154.D
 Acq: 07 Sep 2022 10:40

Instrument :
 BNA_F
 ClientSampleId :
 PB147422TB

Tgt Ion:264 Resp: 446327
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.9 16.7 25.1

