

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130139.D
 Acq On : 06 Sep 2022 15:59
 Operator : CG\JU
 Sample : PB147437BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147437BL

Quant Time: Sep 07 02:13:06 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)

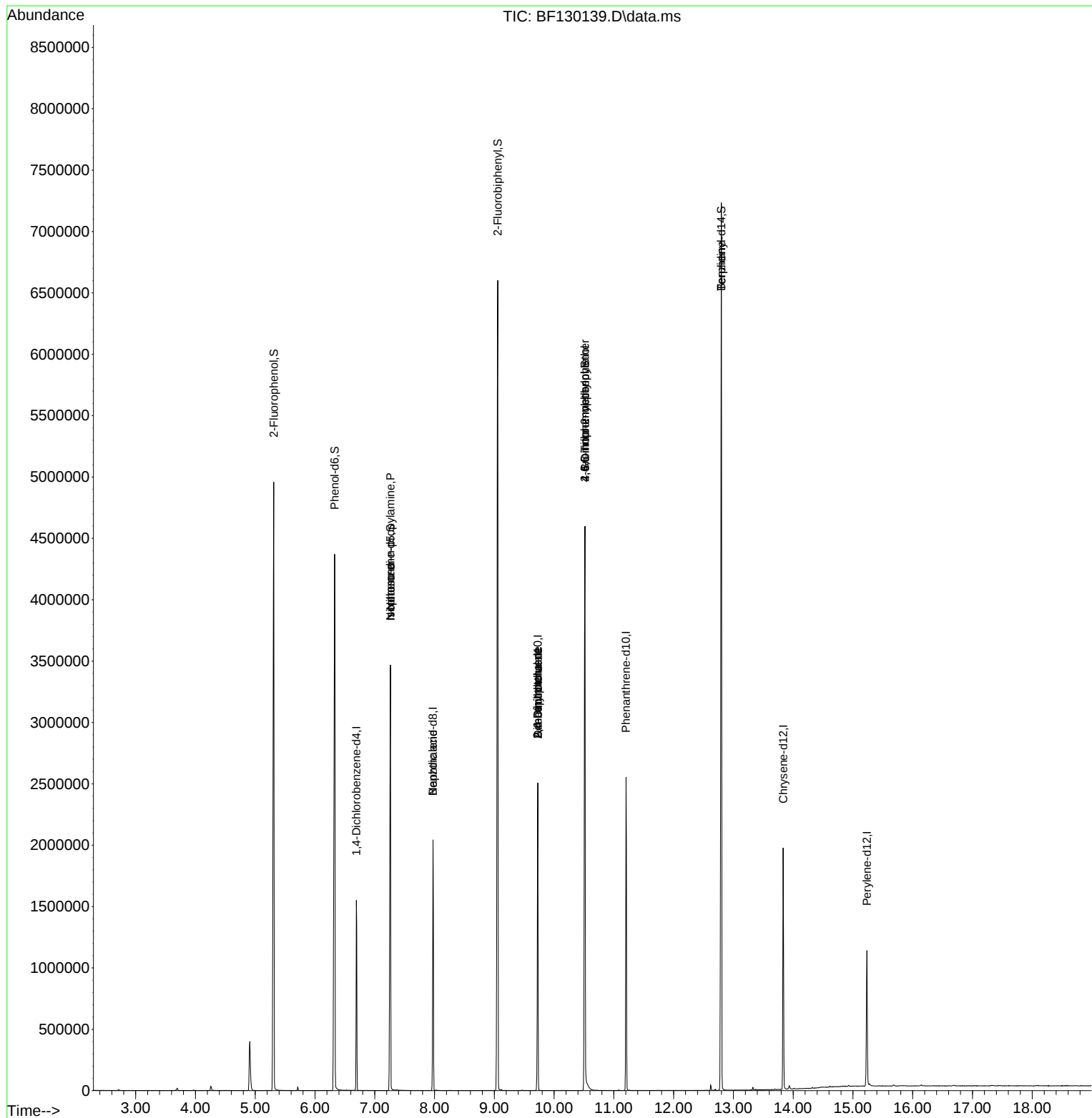
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.693	152	228060	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	909633	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	502213	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	887694	20.000	ng	# 0.00
76) Chrysene-d12	13.833	240	607565	20.000	ng	#-0.01
86) Perylene-d12	15.233	264	446988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1660214	123.584	ng	0.01
7) Phenol-d6	6.328	99	2080162	124.203	ng	0.00
23) Nitrobenzene-d5	7.263	82	1207160	85.287	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	616833	134.929	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2286943	75.499	ng	0.00
79) Terphenyl-d14	12.798	244	2674376	76.332	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	154175	15.280	ng	# 75
25) Isophorone	7.263	82	1202698	41.982	ng	# 65
32) Benzoic acid	7.975	122	132	6.584	ng	# 1
50) Dimethylphthalate	9.728	163	94403	2.760	ng	# 1
51) 2,6-Dinitrotoluene	9.728	165	63877	9.578	ng	# 22
57) 2,4-Dinitrotoluene	9.728	165	63877	8.319	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.516	198	1357	6.364	ng	# 1
67) 4-Bromophenyl-phenylether	10.516	248	35270	3.572	ng	# 1
77) Benzidine	12.798	184	36564	2.229	ng	# 92

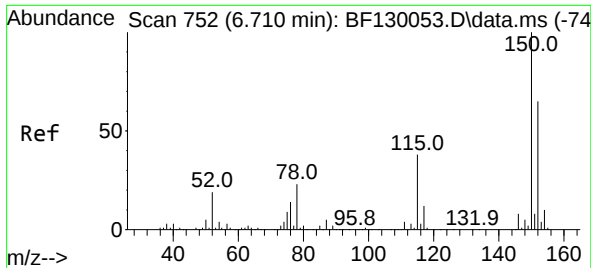
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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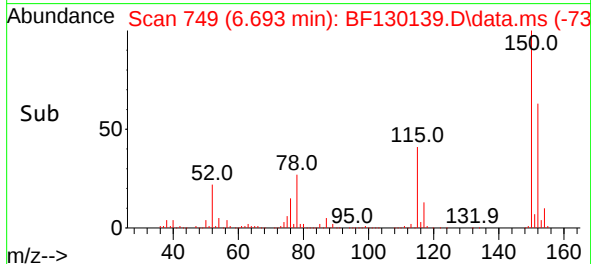
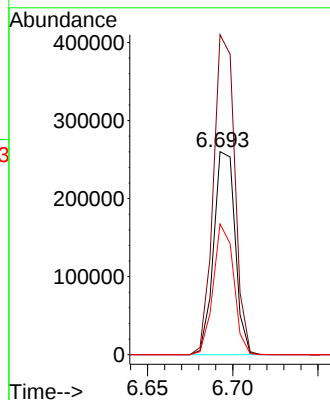
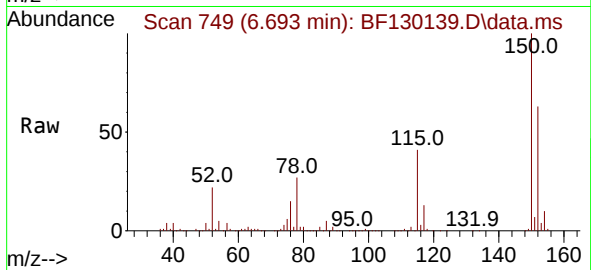




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.693 min Scan# 749
 Delta R.T. -0.005 min
 Lab File: BF130139.D
 Acq: 06 Sep 2022 15:59

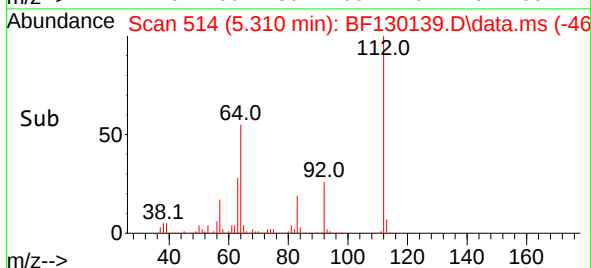
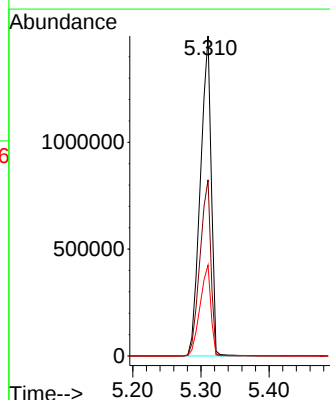
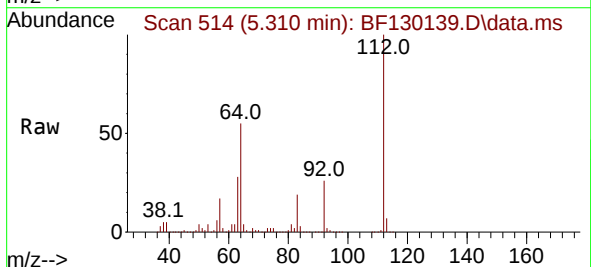
Instrument :
 BNA_F
 ClientSampleId :
 PB147437BL

Tgt Ion:152 Resp: 228060
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.9 190.3
 115 64.4 53.4 80.0



#5
 2-Fluorophenol
 Concen: 123.584 ng
 RT: 5.310 min Scan# 514
 Delta R.T. 0.012 min
 Lab File: BF130139.D
 Acq: 06 Sep 2022 15:59

Tgt Ion:112 Resp: 1660214
 Ion Ratio Lower Upper
 112 100
 64 55.1 47.6 71.4
 63 28.4 24.6 37.0



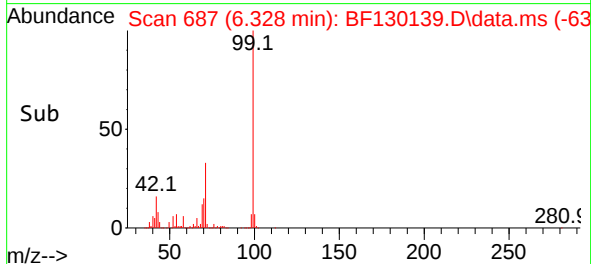
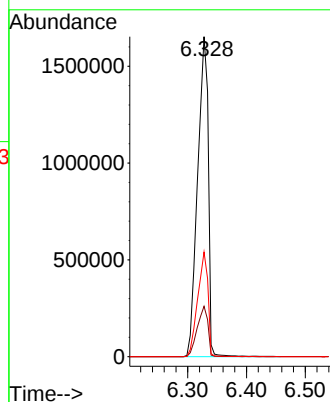
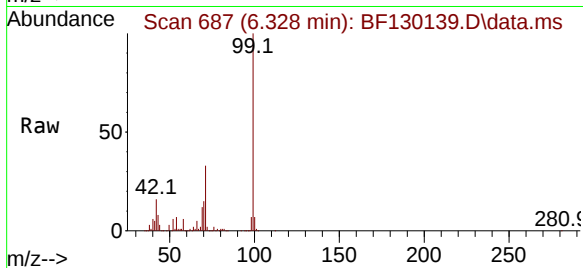


#7
Phenol-d6
Concen: 124.203 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130139.D
Acq: 06 Sep 2022 15:59

Instrument :
BNA_F
ClientSampleId :
PB147437BL

Tgt Ion: 99 Resp: 2080162

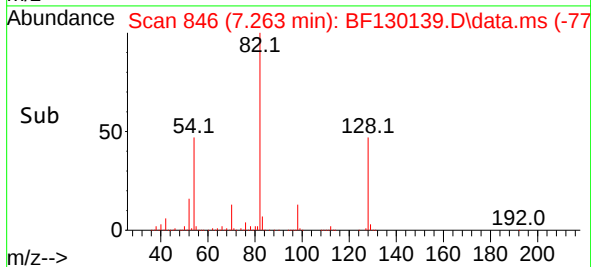
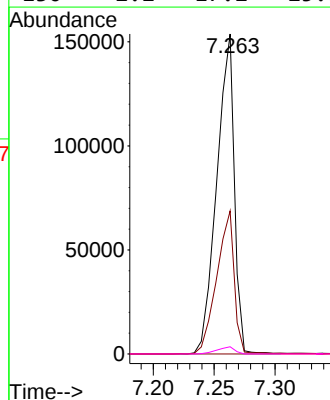
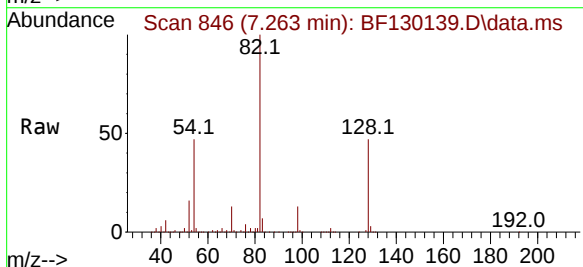
Ion	Ratio	Lower	Upper
99	100		
42	15.8	15.0	22.4
71	32.7	28.8	43.2

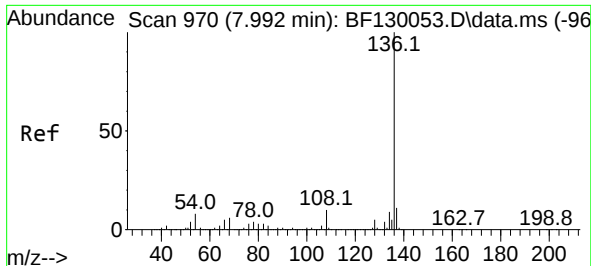


#19
n-Nitroso-di-n-propylamine
Concen: 15.280 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130139.D
Acq: 06 Sep 2022 15:59

Tgt Ion: 70 Resp: 154175

Ion	Ratio	Lower	Upper
70	100		
42	44.7	47.6	71.4#
101	0.0	8.1	12.1#
130	2.2	17.2	25.8#



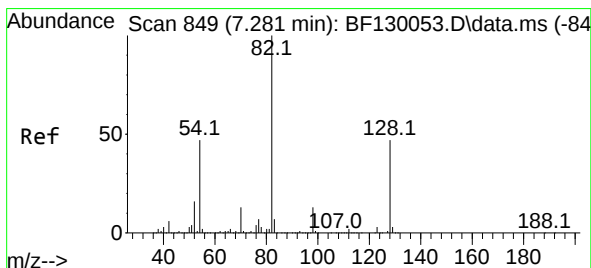
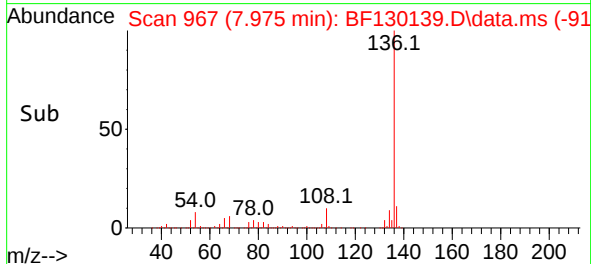
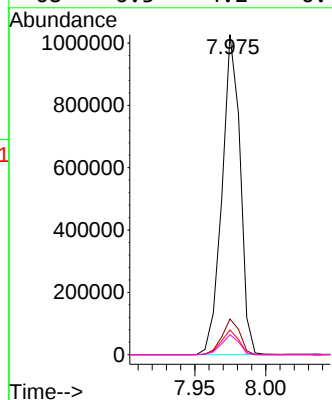
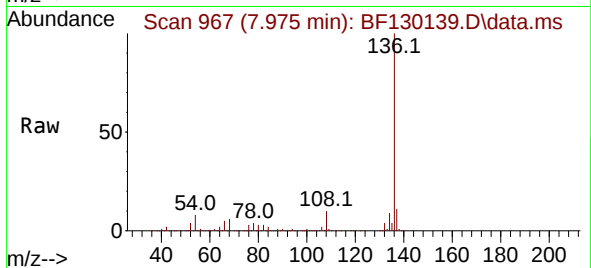


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF130139.D
Acq: 06 Sep 2022 15:59

Instrument :
BNA_F
ClientSampleId :
PB147437BL

Tgt Ion:136 Resp: 909633

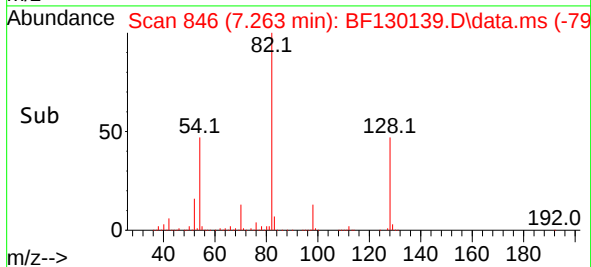
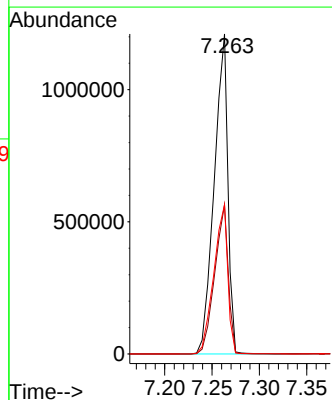
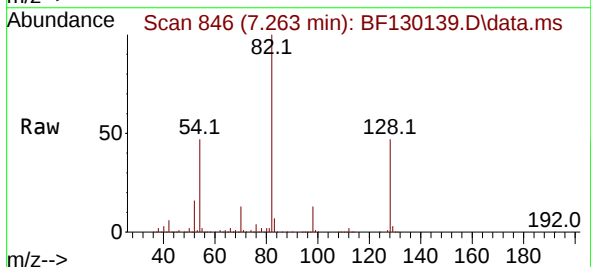
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	7.7	6.2	9.2
68	6.3	4.2	6.4

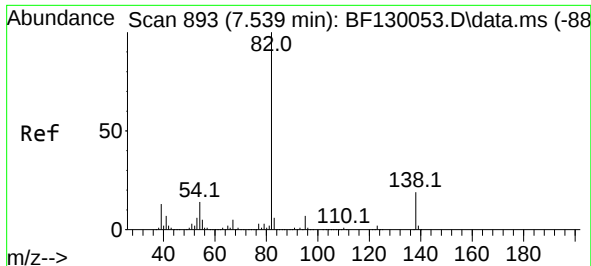


#23
Nitrobenzene-d5
Concen: 85.287 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130139.D
Acq: 06 Sep 2022 15:59

Tgt Ion: 82 Resp: 1207160

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	46.7	40.0	60.0

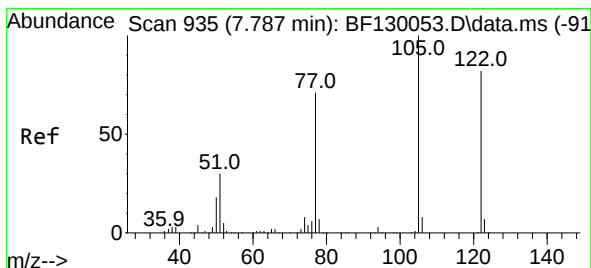
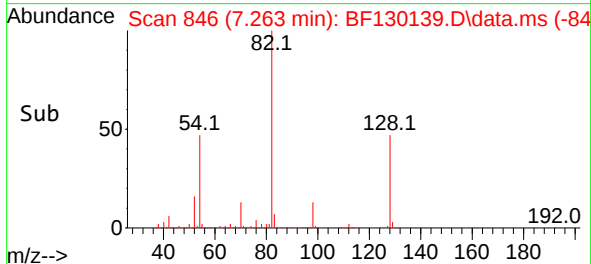
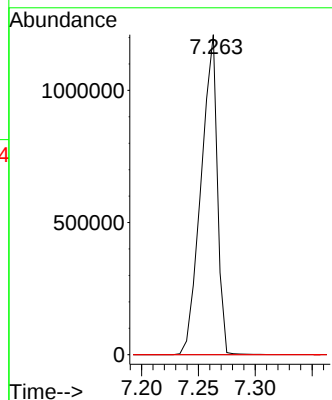
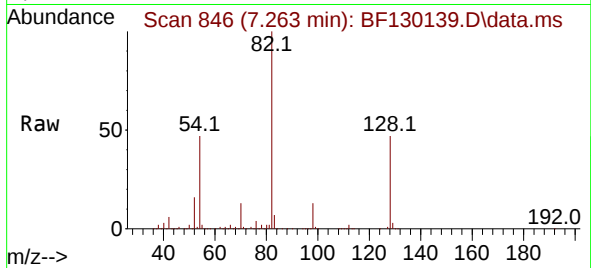




#25
Isophorone
Concen: 41.982 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130139.D
Acq: 06 Sep 2022 15:59

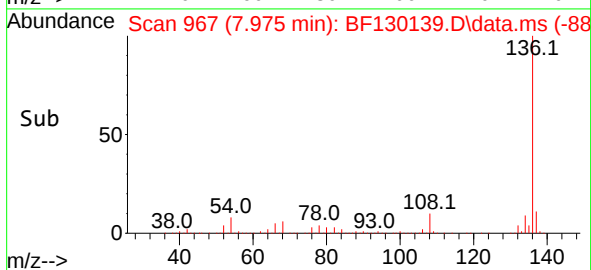
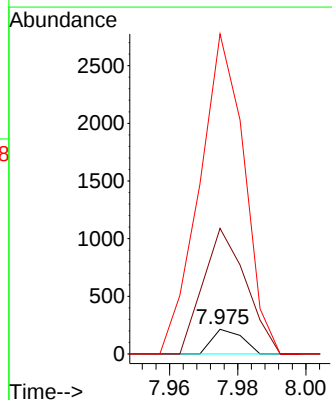
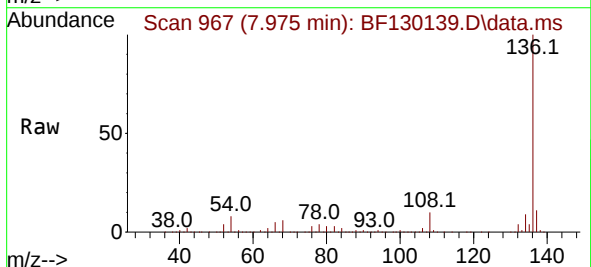
Instrument :
BNA_F
ClientSampleId :
PB147437BL

Tgt Ion: 82 Resp: 1202698
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.584 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.206 min
Lab File: BF130139.D
Acq: 06 Sep 2022 15:59

Tgt Ion:122 Resp: 132
Ion Ratio Lower Upper
122 100
105 509.3 99.9 139.9#
77 1296.7 65.9 105.9#

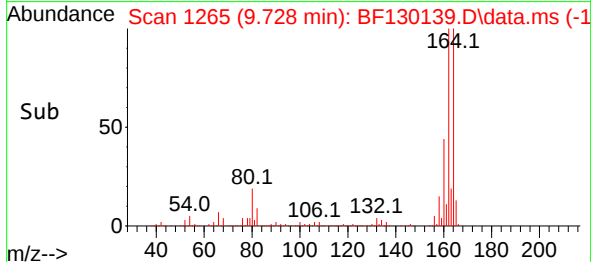
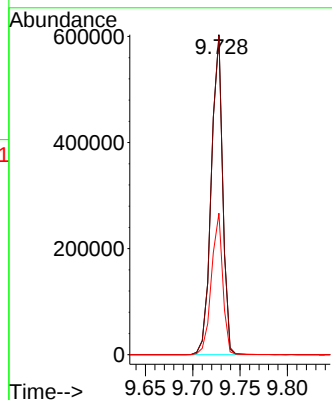
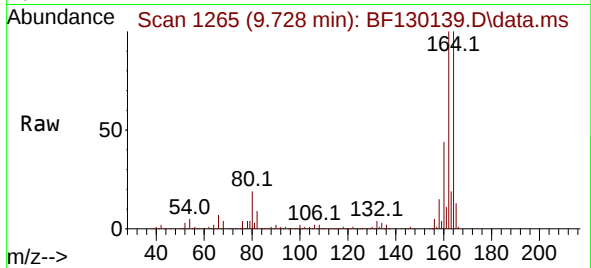




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130139.D
Acq: 06 Sep 2022 15:59

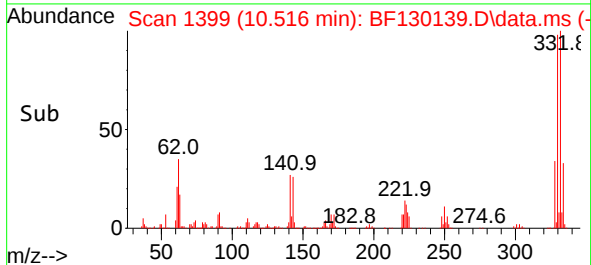
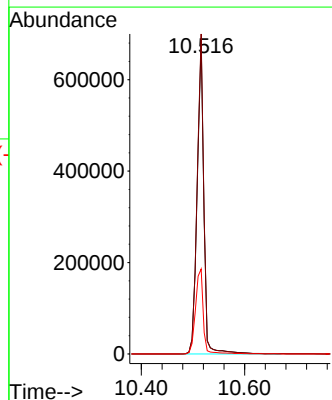
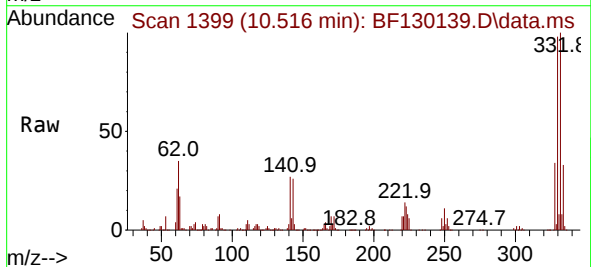
Instrument :
BNA_F
ClientSampleId :
PB147437BL

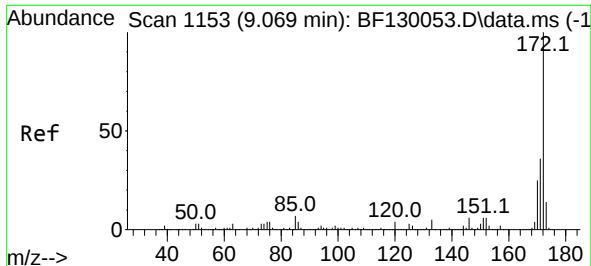
Tgt Ion:164 Resp: 502213
Ion Ratio Lower Upper
164 100
162 99.6 82.0 123.0
160 44.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 134.929 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130139.D
Acq: 06 Sep 2022 15:59

Tgt Ion:330 Resp: 616833
Ion Ratio Lower Upper
330 100
332 102.2 82.6 124.0
141 31.7 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 75.499 ng

RT: 9.057 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF130139.D

Acq: 06 Sep 2022 15:59

Instrument :

BNA_F

ClientSampleId :

PB147437BL

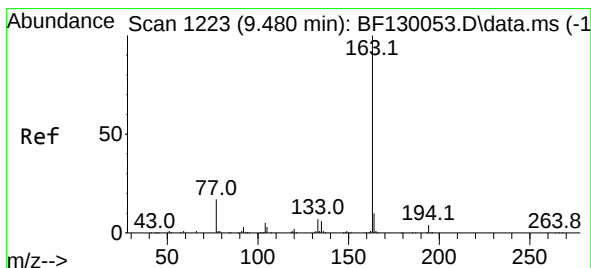
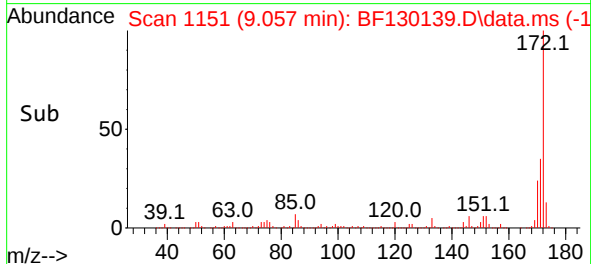
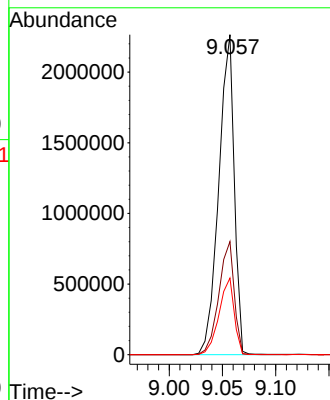
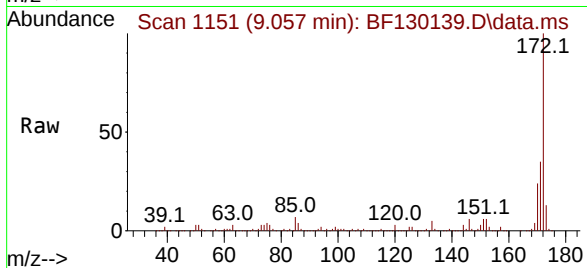
Tgt Ion:172 Resp: 2286943

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.0 19.1 28.7



#50

Dimethylphthalate

Concen: 2.760 ng

RT: 9.728 min Scan# 1265

Delta R.T. 0.259 min

Lab File: BF130139.D

Acq: 06 Sep 2022 15:59

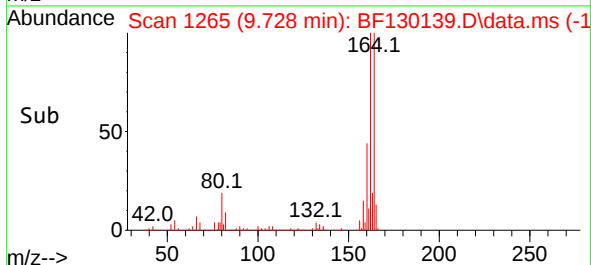
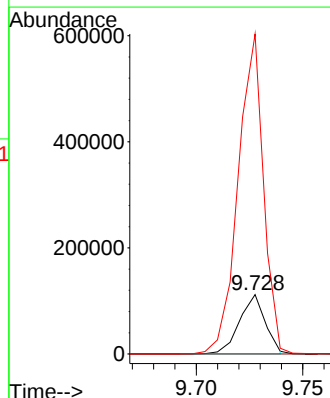
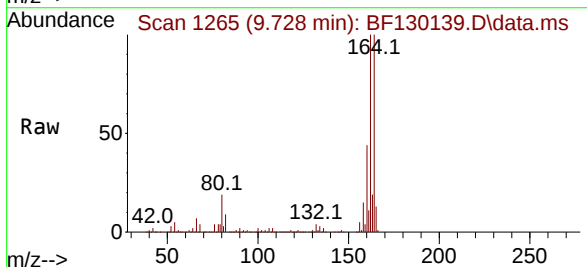
Tgt Ion:163 Resp: 94403

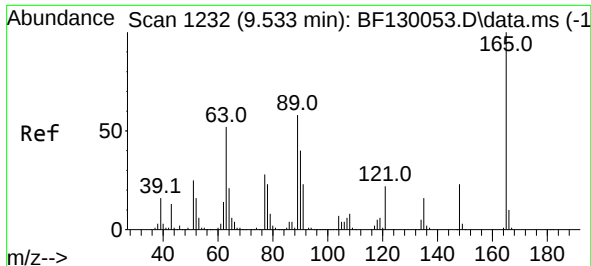
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 539.2 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.578 ng

RT: 9.728 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF130139.D

Acq: 06 Sep 2022 15:59

Instrument :

BNA_F

ClientSampleId :

PB147437BL

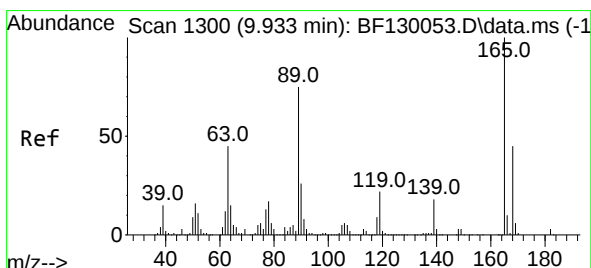
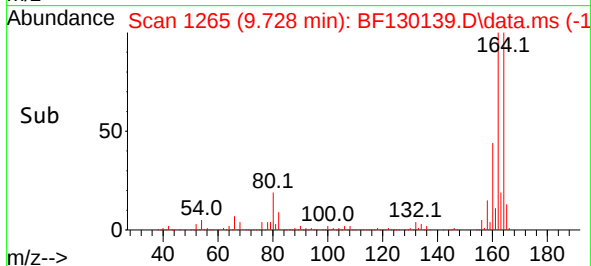
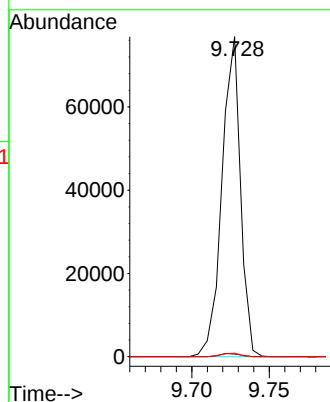
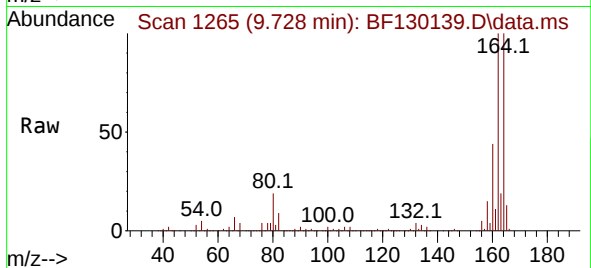
Tgt Ion:165 Resp: 63877

Ion Ratio Lower Upper

165 100

63 0.8 47.8 71.8#

89 1.1 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.319 ng

RT: 9.728 min Scan# 1265

Delta R.T. -0.194 min

Lab File: BF130139.D

Acq: 06 Sep 2022 15:59

Tgt Ion:165 Resp: 63877

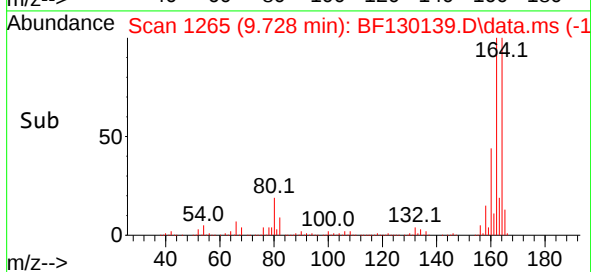
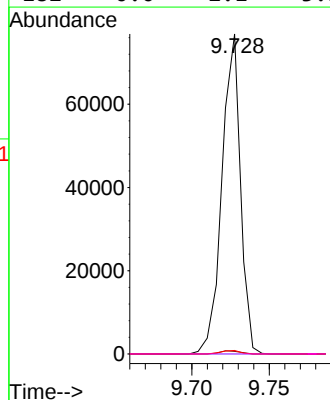
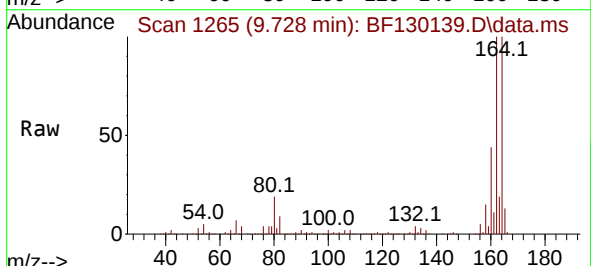
Ion Ratio Lower Upper

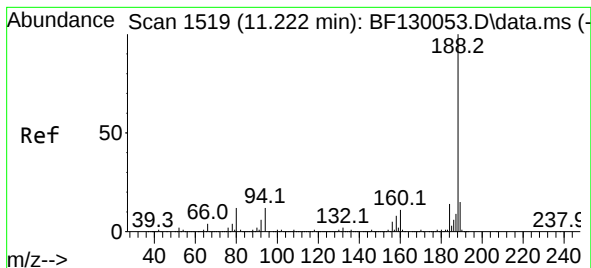
165 100

63 0.8 48.4 72.6#

89 1.1 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: BF130139.D

Acq: 06 Sep 2022 15:59

Instrument :

BNA_F

ClientSampleId :

PB147437BL

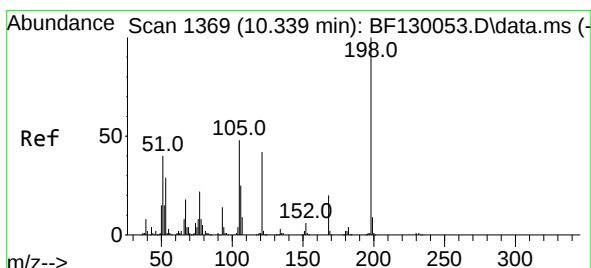
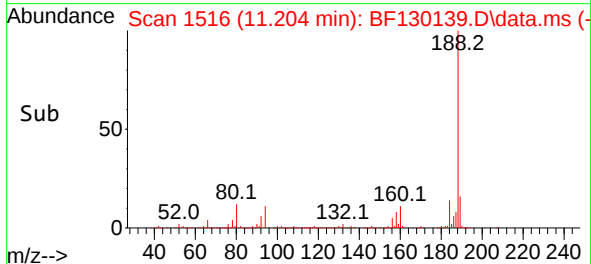
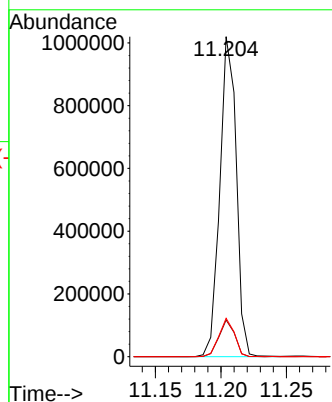
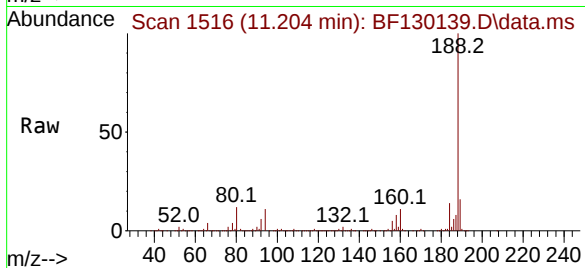
Tgt Ion:188 Resp: 887694

Ion Ratio Lower Upper

188 100

94 11.5 7.4 11.2#

80 12.0 7.9 11.9#



#65

4,6-Dinitro-2-methylphenol

Concen: 6.364 ng

RT: 10.516 min Scan# 1399

Delta R.T. 0.188 min

Lab File: BF130139.D

Acq: 06 Sep 2022 15:59

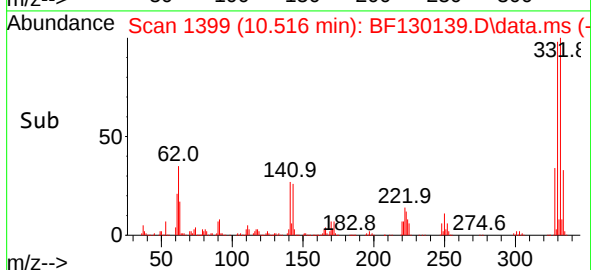
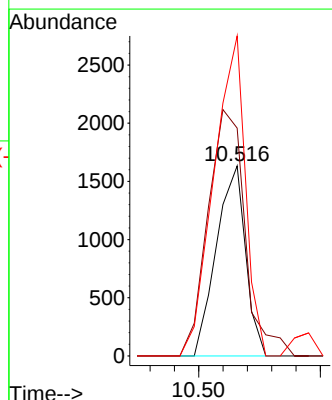
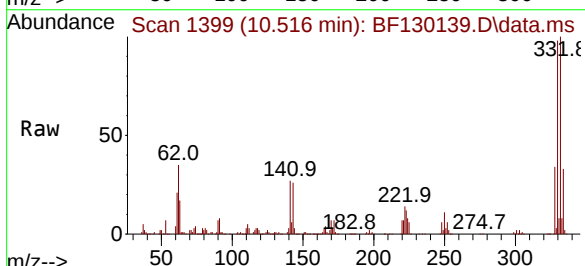
Tgt Ion:198 Resp: 1357

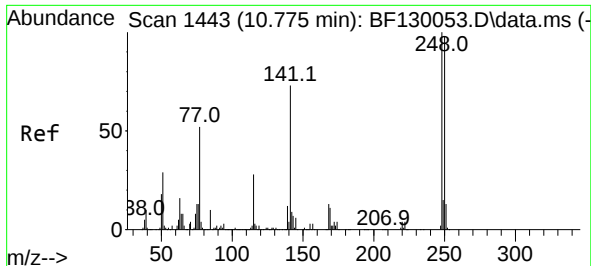
Ion Ratio Lower Upper

198 100

51 119.8 29.4 69.4#

105 168.3 29.2 69.2#

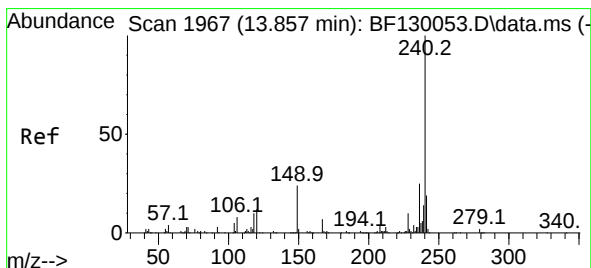
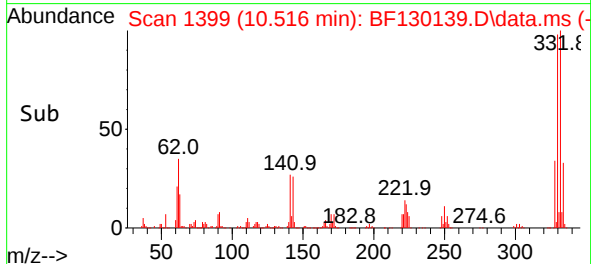
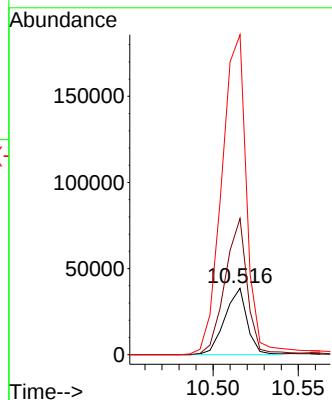
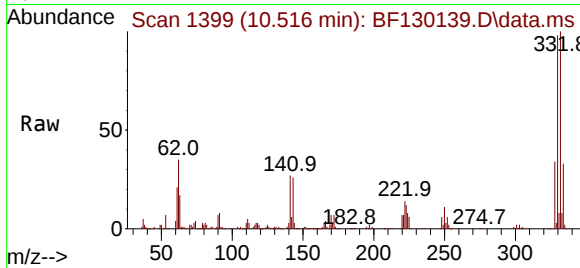




#67
4-Bromophenyl-phenylether
Concen: 3.572 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF130139.D
Acq: 06 Sep 2022 15:59

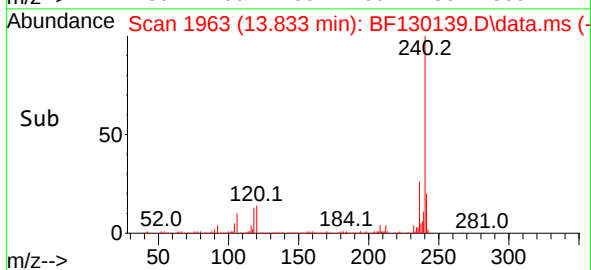
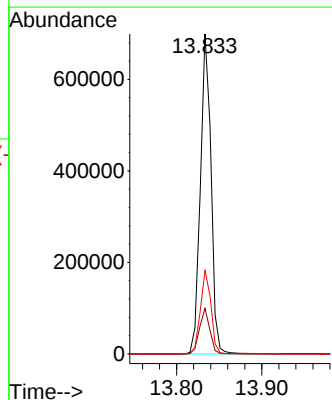
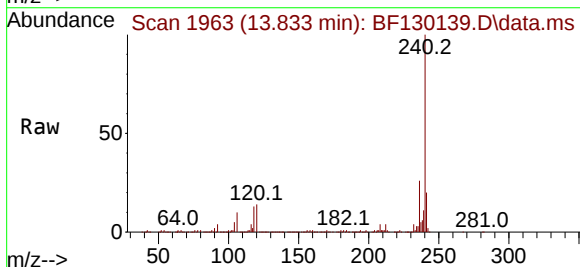
Instrument :
BNA_F
ClientSampleId :
PB147437BL

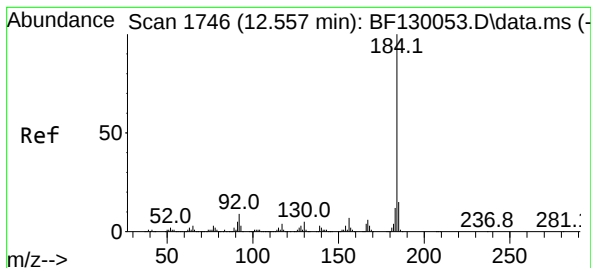
Tgt Ion:248 Resp: 35270
Ion Ratio Lower Upper
248 100
250 205.0 77.8 116.6#
141 481.6 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130139.D
Acq: 06 Sep 2022 15:59

Tgt Ion:240 Resp: 607565
Ion Ratio Lower Upper
240 100
120 14.2 9.2 13.8#
236 26.1 20.7 31.1





#77

Benzidine

Concen: 2.229 ng

RT: 12.798 min Scan# 1787

Delta R.T. 0.253 min

Lab File: BF130139.D

Acq: 06 Sep 2022 15:59

Instrument :

BNA_F

ClientSampleId :

PB147437BL

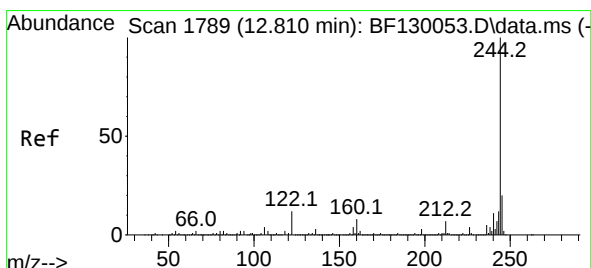
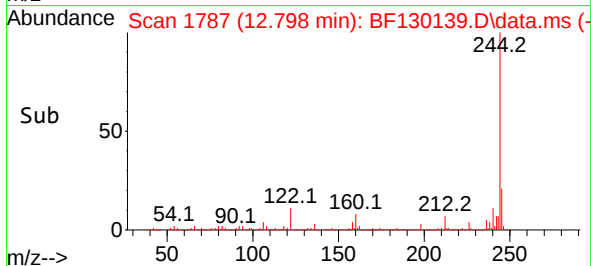
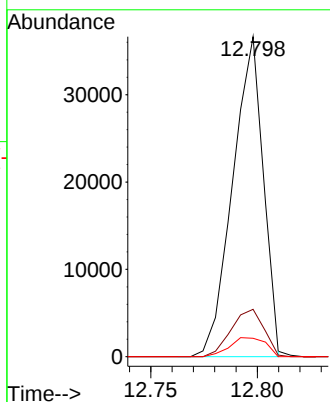
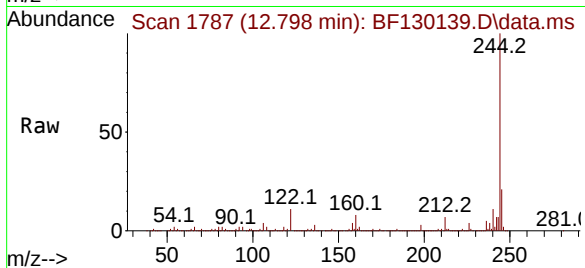
Tgt Ion:184 Resp: 36564

Ion Ratio Lower Upper

184 100

185 14.8 11.4 17.2

183 5.7 9.4 14.2#



#79

Terphenyl-d14

Concen: 76.332 ng

RT: 12.798 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BF130139.D

Acq: 06 Sep 2022 15:59

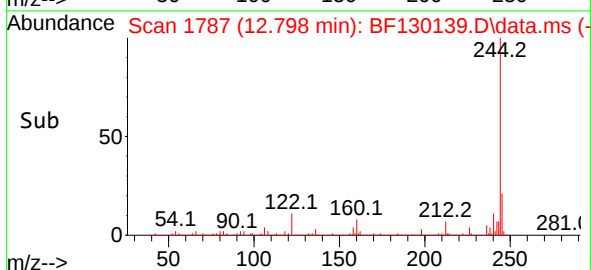
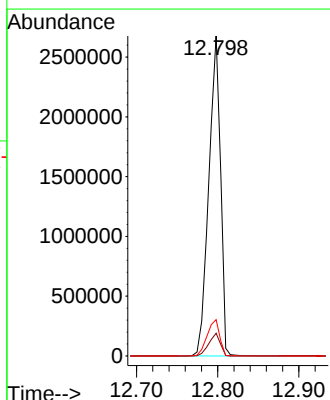
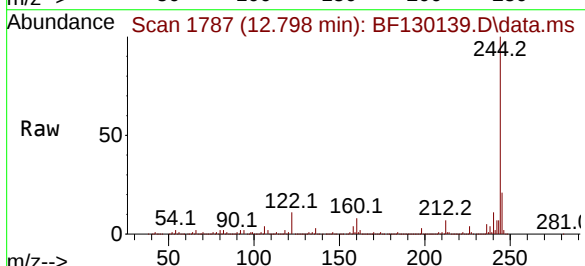
Tgt Ion:244 Resp: 2674376

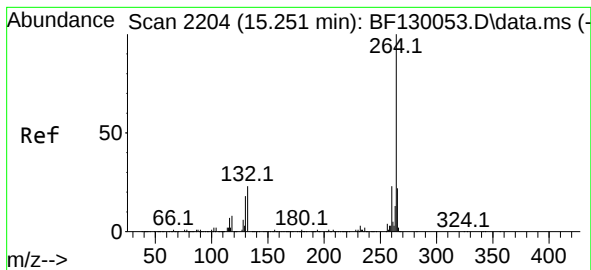
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

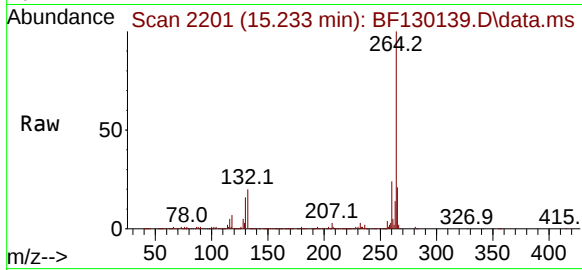
122 11.4 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130139.D
 Acq: 06 Sep 2022 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB147437BL



Tgt Ion:264 Resp: 446988
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 20.6 16.7 25.1

