

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
 Data File : BF130162.D
 Acq On : 07 Sep 2022 15:08
 Operator : CG\JU
 Sample : PB147513BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147513BL

Quant Time: Sep 08 02:49:11 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)

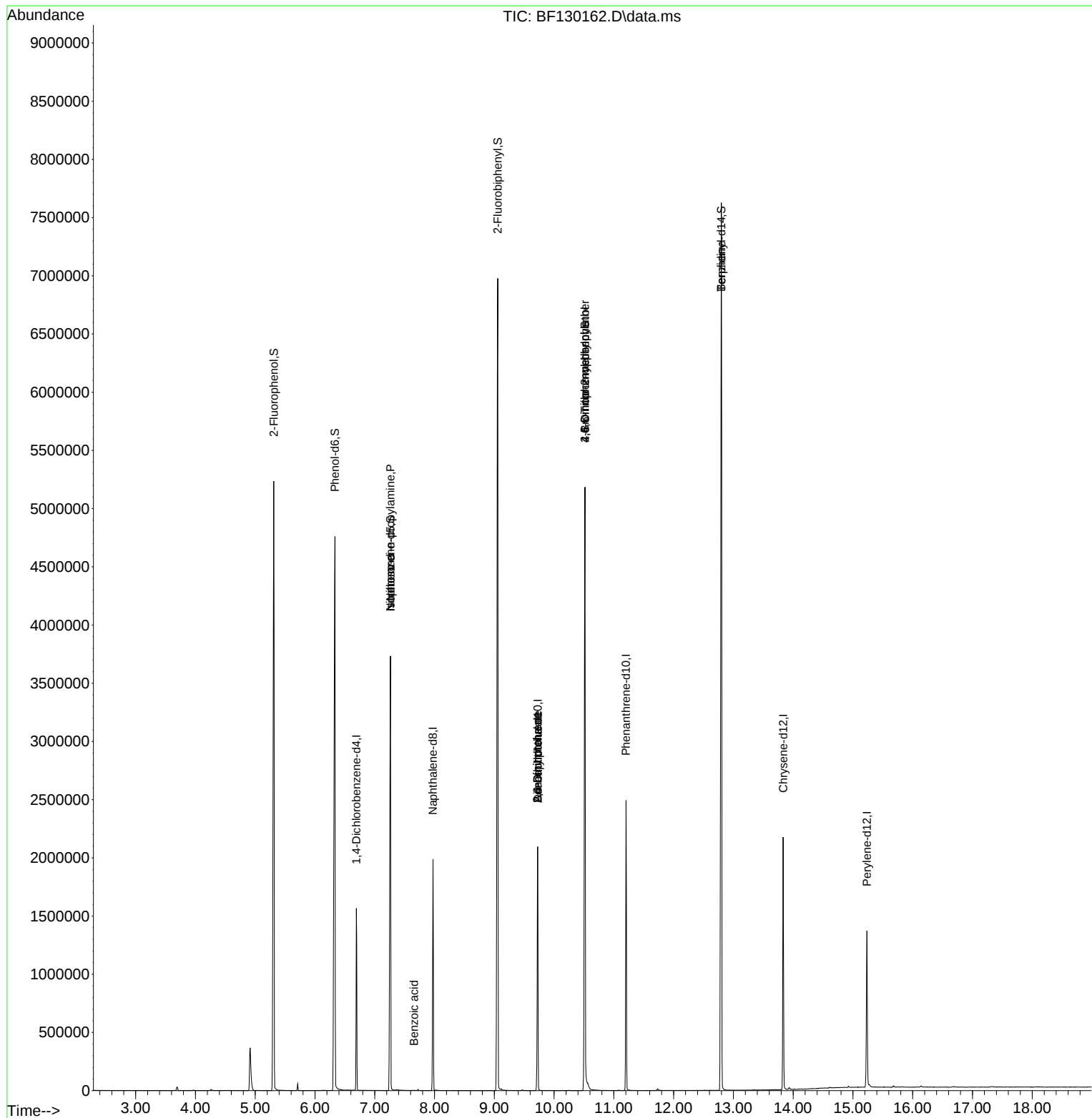
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	227072	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	904112	20.000	ng	0.00
39) Acenaphthene-d10	9.727	164	487663	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	856101	20.000	ng	0.00
76) Chrysene-d12	13.833	240	672015	20.000	ng	-0.01
86) Perylene-d12	15.233	264	561289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1949354	145.739	ng	0.01
7) Phenol-d6	6.334	99	2339370	140.287	ng	0.00
23) Nitrobenzene-d5	7.263	82	1446701	102.834	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	770519	173.576	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2585632	87.906	ng	0.00
79) Terphenyl-d14	12.798	244	3316735	85.588	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	191435	19.056	ng	# 72
25) Isophorone	7.263	82	1437660	50.490	ng	# 65
32) Benzoic acid	7.657	122	321	6.601	ng	91
50) Dimethylphthalate	9.727	163	91513	2.755	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	63232	9.764	ng	# 22
57) 2,4-Dinitrotoluene	9.722	165	63232	8.481	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.516	198	1525	6.411	ng	# 1
67) 4-Bromophenyl-phenylether	10.516	248	44995	4.725	ng	# 1
77) Benzidine	12.798	184	45101	2.486	ng	# 93

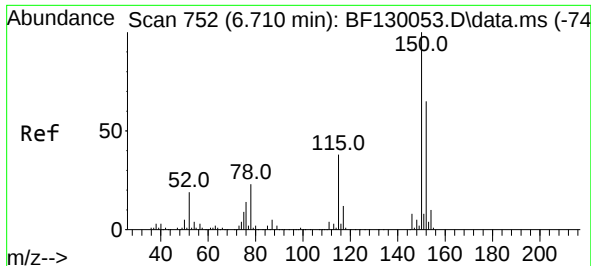
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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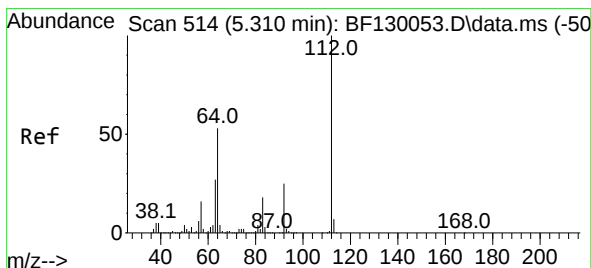
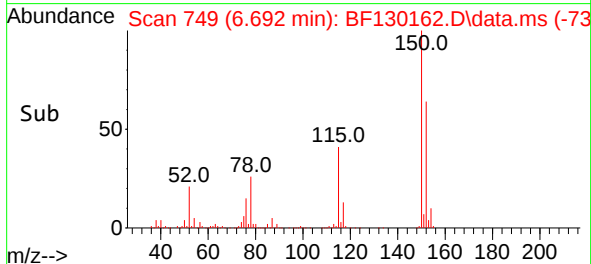
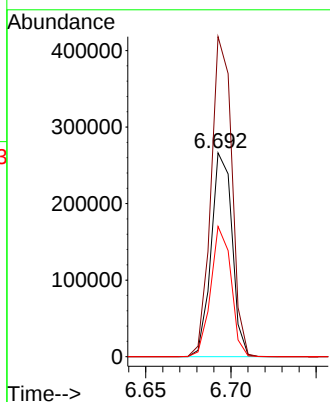
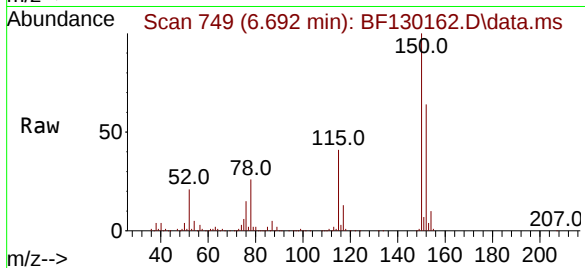




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 749
 Delta R.T. -0.006 min
 Lab File: BF130162.D
 Acq: 07 Sep 2022 15:08

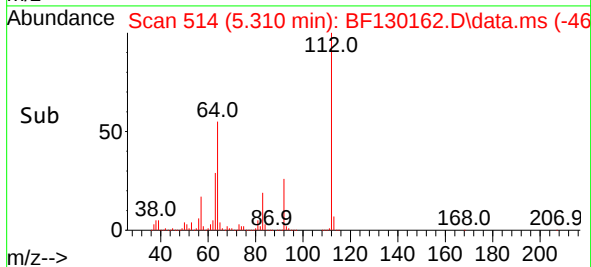
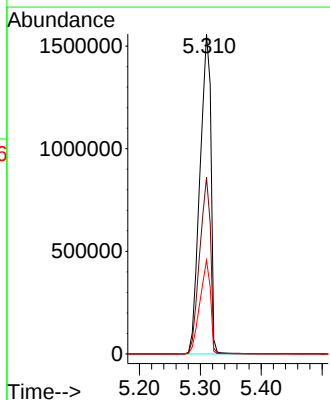
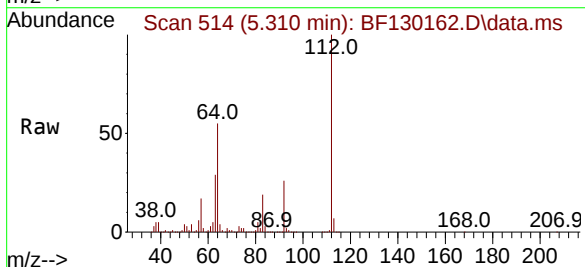
Instrument :
 BNA_F
 ClientSampleId :
 PB147513BL

Tgt Ion:152 Resp: 227072
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.9 190.3
 115 63.9 53.4 80.0



#5
 2-Fluorophenol
 Concen: 145.739 ng
 RT: 5.310 min Scan# 514
 Delta R.T. 0.012 min
 Lab File: BF130162.D
 Acq: 07 Sep 2022 15:08

Tgt Ion:112 Resp: 1949354
 Ion Ratio Lower Upper
 112 100
 64 55.2 47.6 71.4
 63 29.3 24.6 37.0

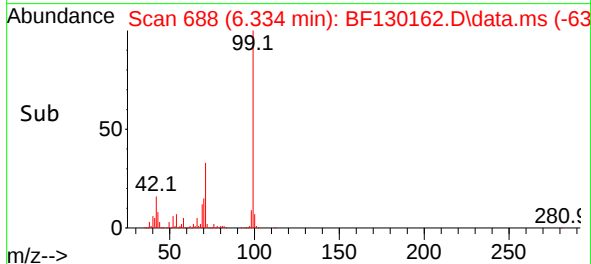
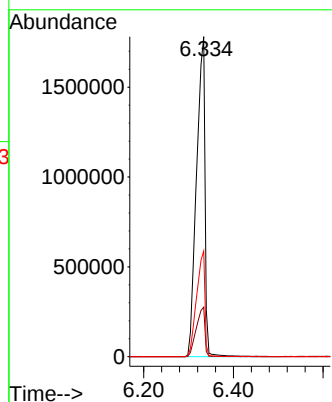
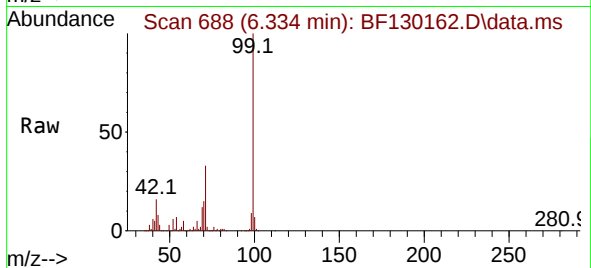




#7
Phenol-d6
Concen: 140.287 ng
RT: 6.334 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF130162.D
Acq: 07 Sep 2022 15:08

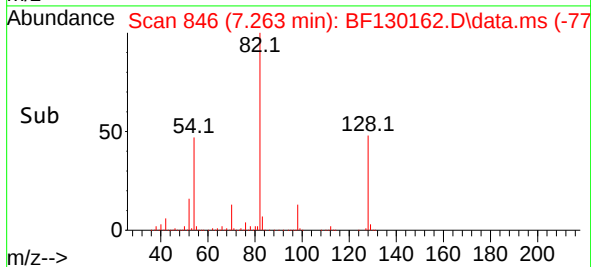
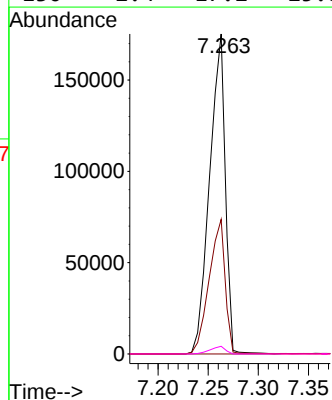
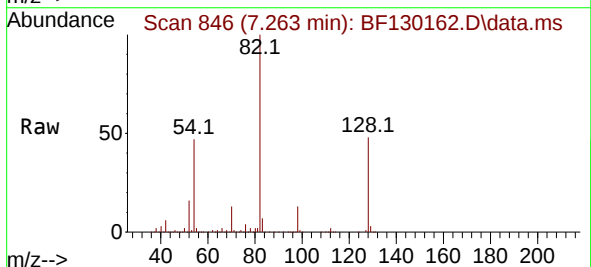
Instrument :
BNA_F
ClientSampleId :
PB147513BL

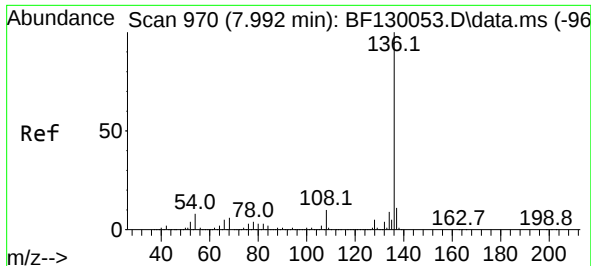
Tgt Ion: 99 Resp: 2339370
Ion Ratio Lower Upper
99 100
42 15.5 15.0 22.4
71 33.0 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.056 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130162.D
Acq: 07 Sep 2022 15:08

Tgt Ion: 70 Resp: 191435
Ion Ratio Lower Upper
70 100
42 42.1 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#



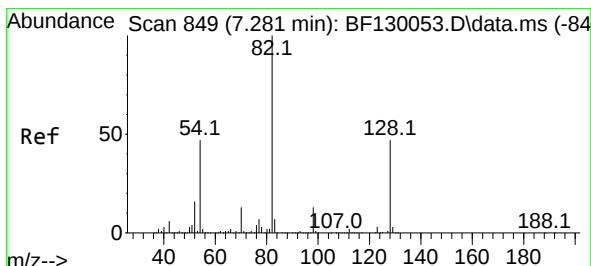
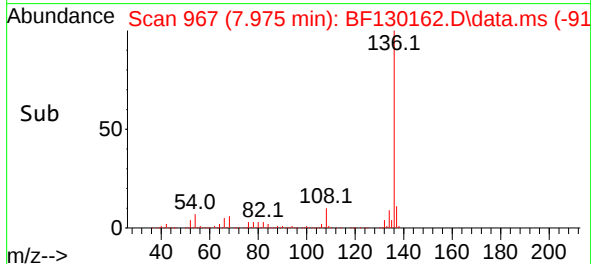
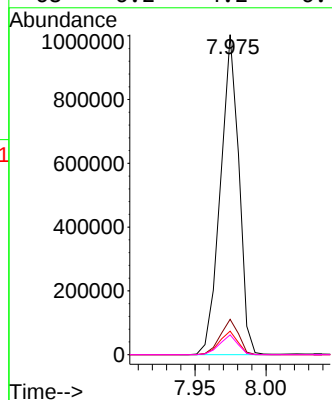
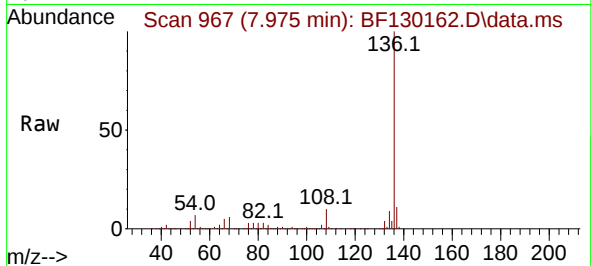


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF130162.D
Acq: 07 Sep 2022 15:08

Instrument :
BNA_F
ClientSampleId :
PB147513BL

Tgt Ion:136 Resp: 904112

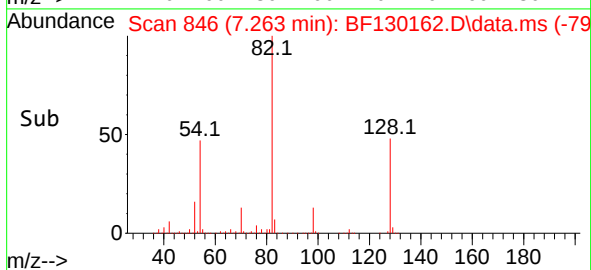
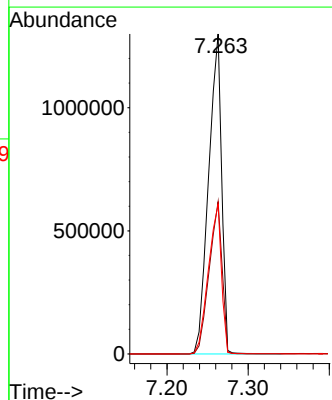
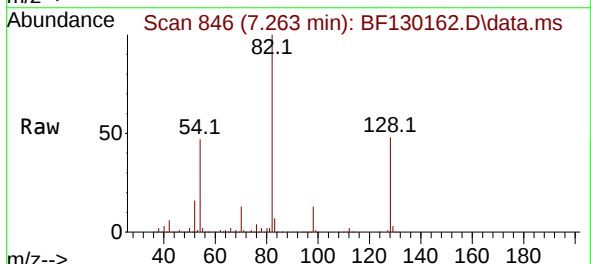
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.3	6.2	9.2
68	6.2	4.2	6.4

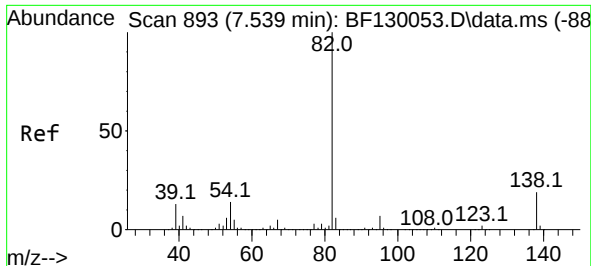


#23
Nitrobenzene-d5
Concen: 102.834 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130162.D
Acq: 07 Sep 2022 15:08

Tgt Ion: 82 Resp: 1446701

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	46.8	40.0	60.0

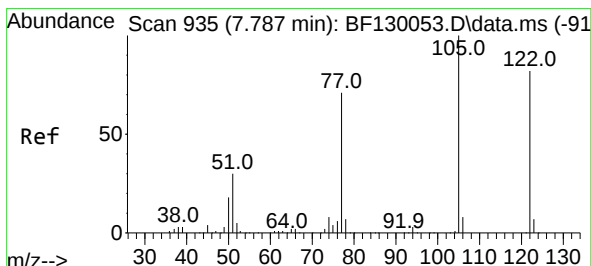
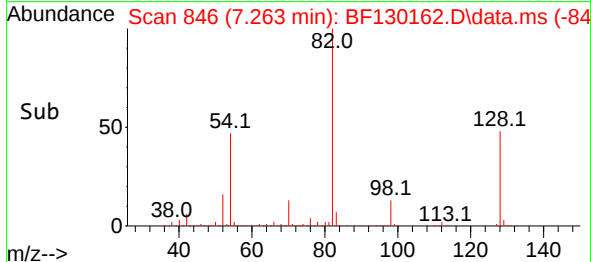
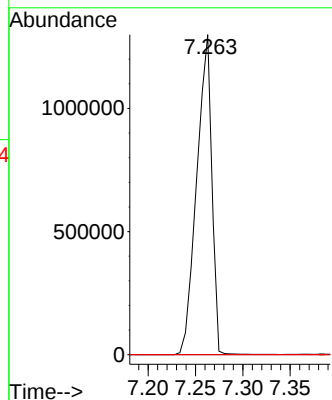
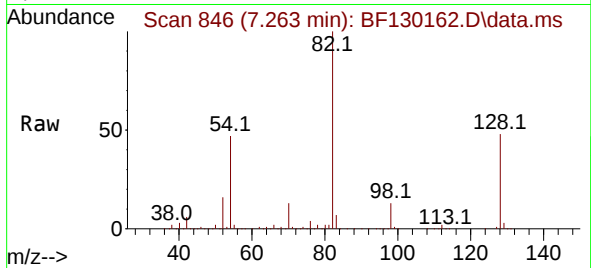




#25
Isophorone
Concen: 50.490 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130162.D
Acq: 07 Sep 2022 15:08

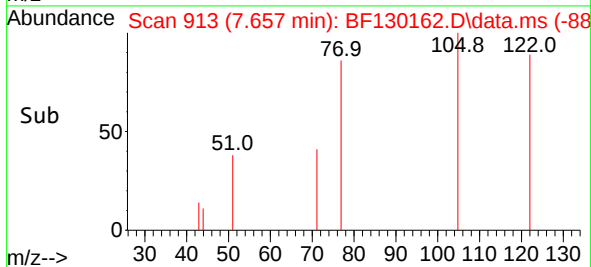
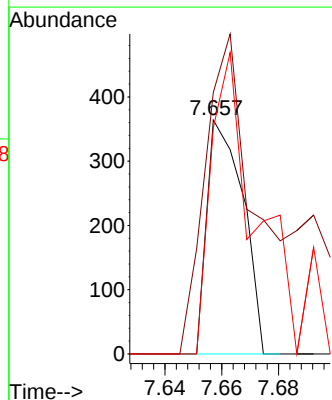
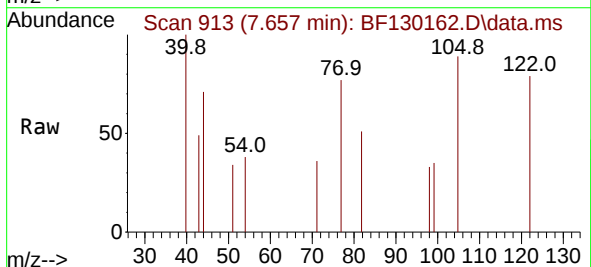
Instrument :
BNA_F
ClientSampleId :
PB147513BL

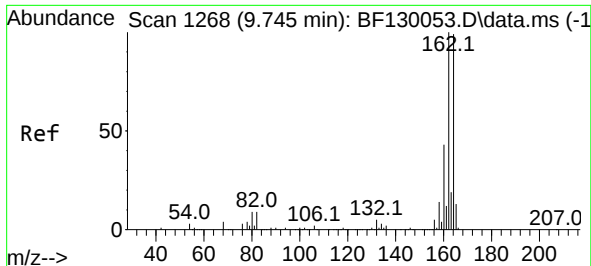
Tgt Ion: 82 Resp: 1437660
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.601 ng
RT: 7.657 min Scan# 913
Delta R.T. -0.112 min
Lab File: BF130162.D
Acq: 07 Sep 2022 15:08

Tgt Ion: 122 Resp: 321
Ion Ratio Lower Upper
122 100
105 111.8 99.9 139.9
77 96.7 65.9 105.9

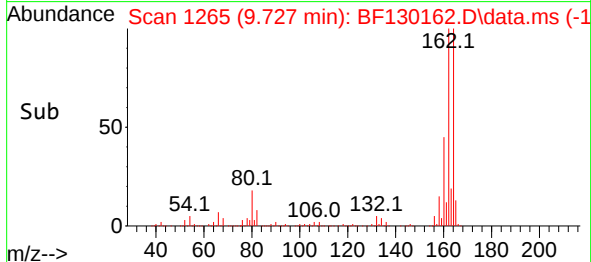
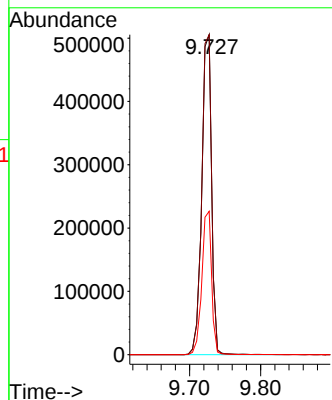
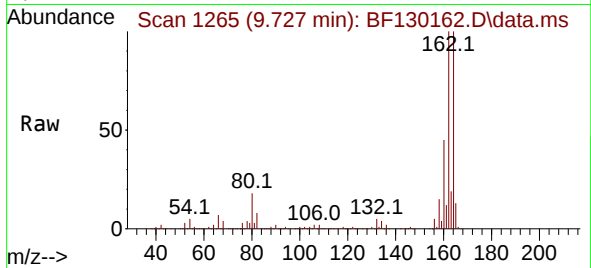




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.727 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130162.D
Acq: 07 Sep 2022 15:08

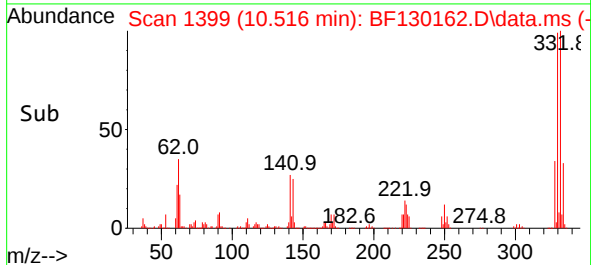
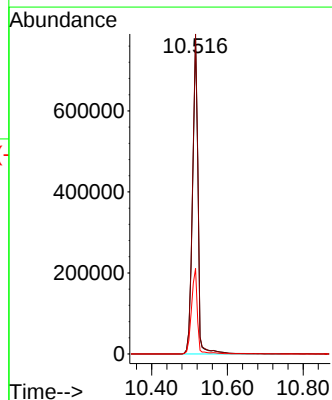
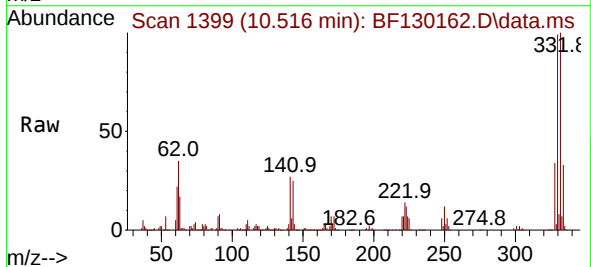
Instrument :
BNA_F
ClientSampleId :
PB147513BL

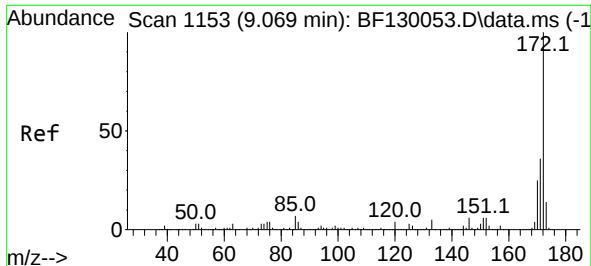
Tgt Ion:164 Resp: 487663
Ion Ratio Lower Upper
164 100
162 100.0 82.0 123.0
160 44.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 173.576 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130162.D
Acq: 07 Sep 2022 15:08

Tgt Ion:330 Resp: 770519
Ion Ratio Lower Upper
330 100
332 102.0 82.6 124.0
141 29.8 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 87.906 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130162.D

Acq: 07 Sep 2022 15:08

Instrument :

BNA_F

ClientSampleId :

PB147513BL

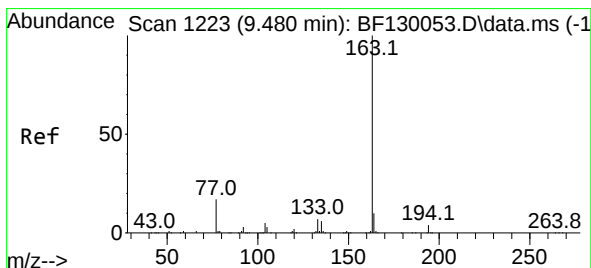
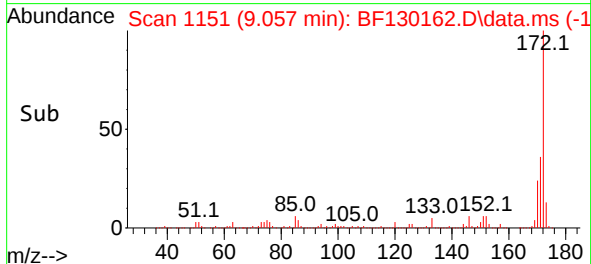
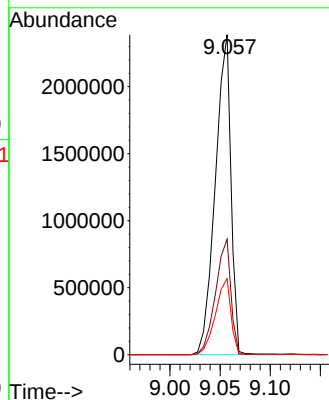
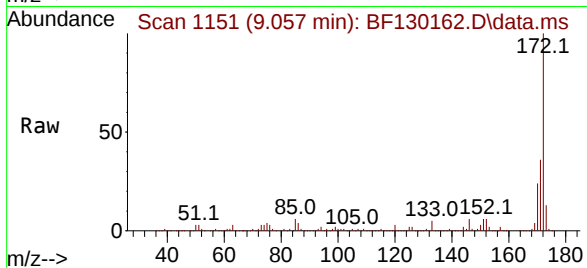
Tgt Ion:172 Resp: 2585632

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.7 19.1 28.7



#50

Dimethylphthalate

Concen: 2.755 ng

RT: 9.727 min Scan# 1265

Delta R.T. 0.259 min

Lab File: BF130162.D

Acq: 07 Sep 2022 15:08

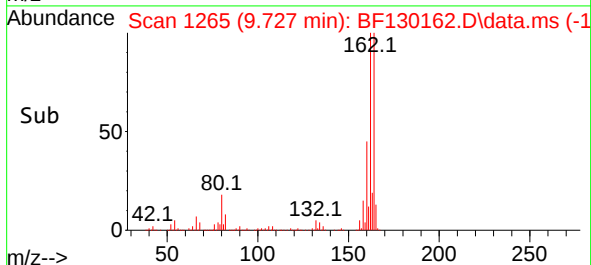
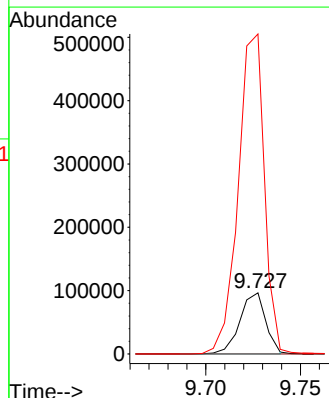
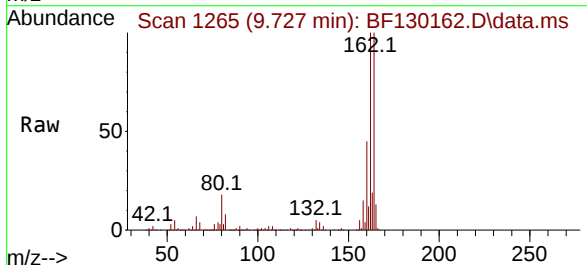
Tgt Ion:163 Resp: 91513

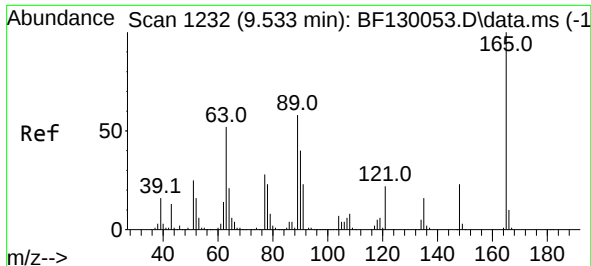
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 523.0 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.764 ng

RT: 9.722 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF130162.D

Acq: 07 Sep 2022 15:08

Instrument :

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ClientSampleId :

PB147513BL

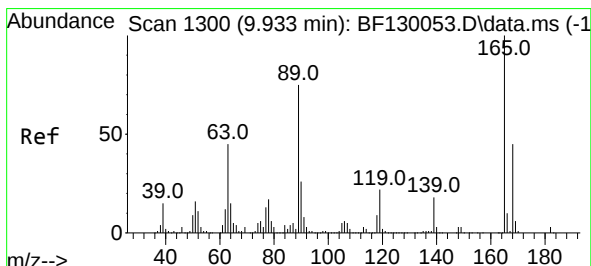
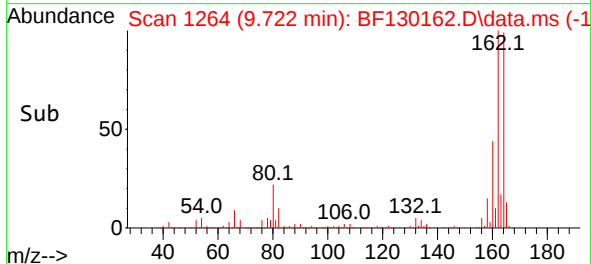
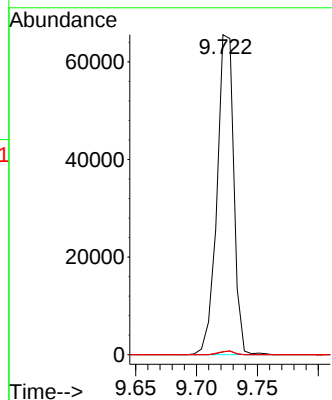
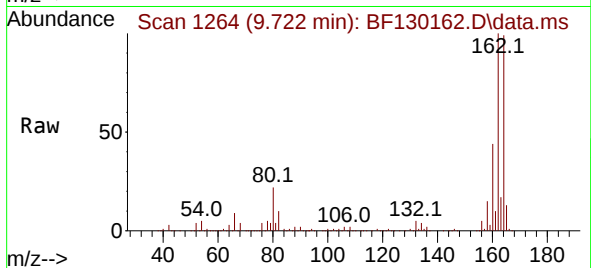
Tgt Ion:165 Resp: 63232

Ion Ratio Lower Upper

165 100

63 0.8 47.8 71.8#

89 0.9 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.481 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.200 min

Lab File: BF130162.D

Acq: 07 Sep 2022 15:08

Tgt Ion:165 Resp: 63232

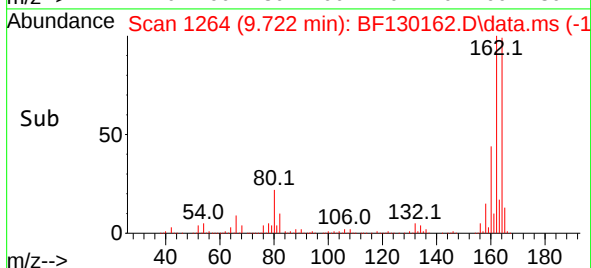
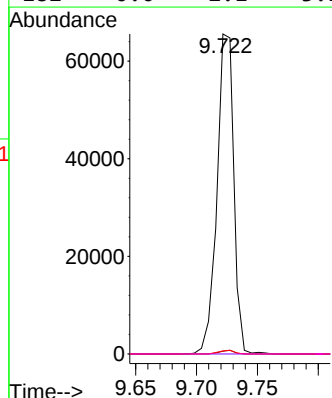
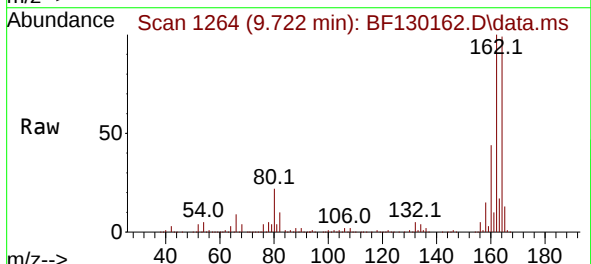
Ion Ratio Lower Upper

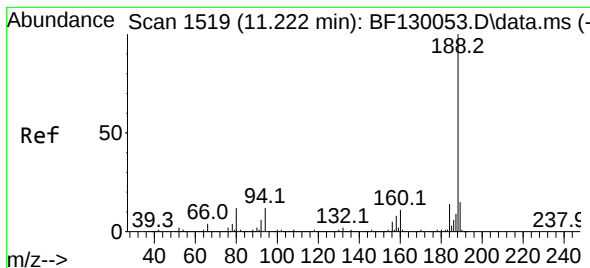
165 100

63 0.8 48.4 72.6#

89 0.9 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: BF130162.D

Acq: 07 Sep 2022 15:08

Instrument :

BNA_F

ClientSampleId :

PB147513BL

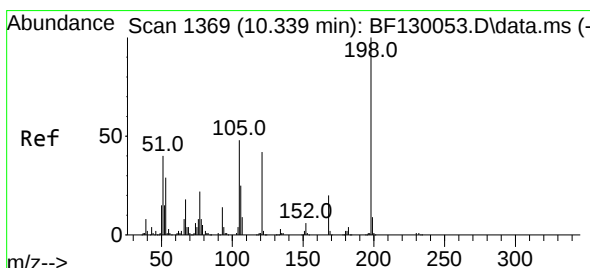
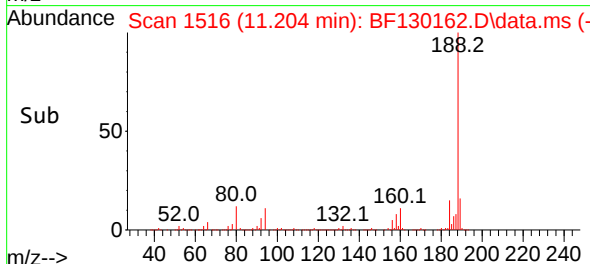
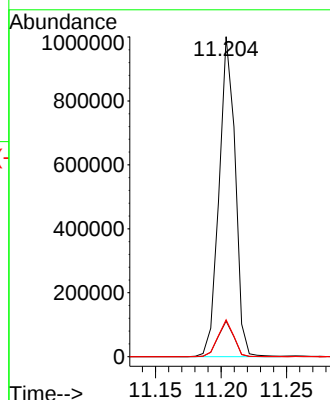
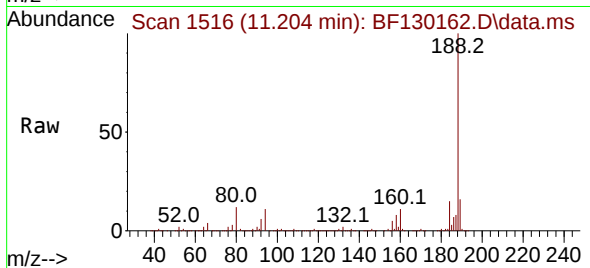
Tgt Ion:188 Resp: 856101

Ion Ratio Lower Upper

188 100

94 11.1 7.4 11.2

80 11.5 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.411 ng

RT: 10.516 min Scan# 1399

Delta R.T. 0.188 min

Lab File: BF130162.D

Acq: 07 Sep 2022 15:08

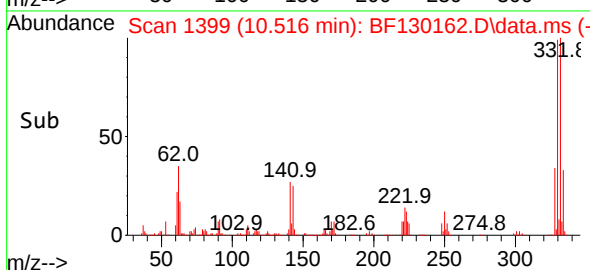
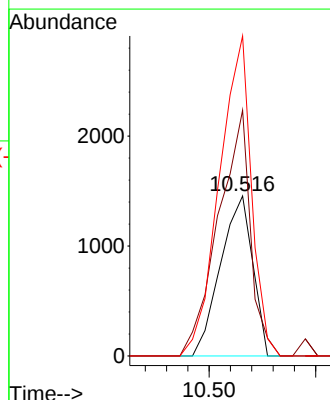
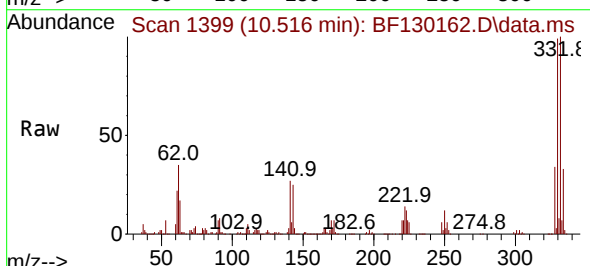
Tgt Ion:198 Resp: 1525

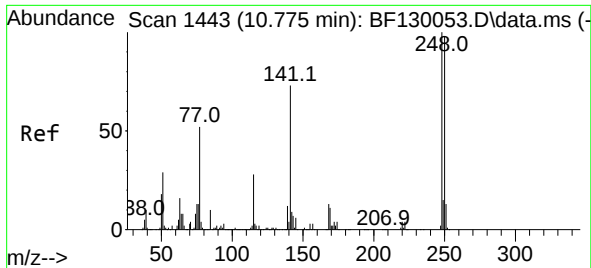
Ion Ratio Lower Upper

198 100

51 153.6 29.4 69.4#

105 199.9 29.2 69.2#

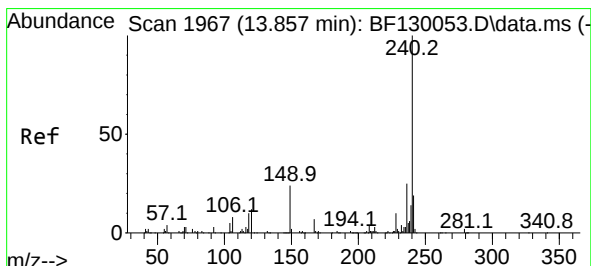
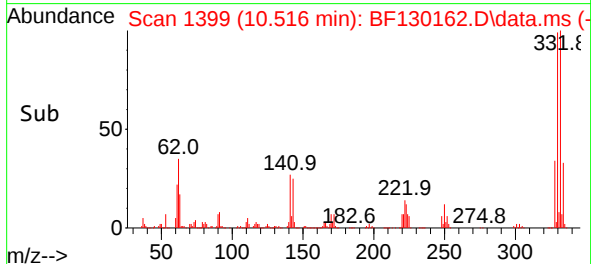
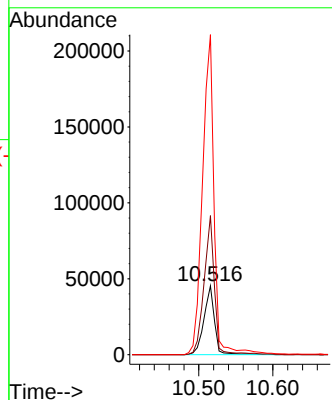
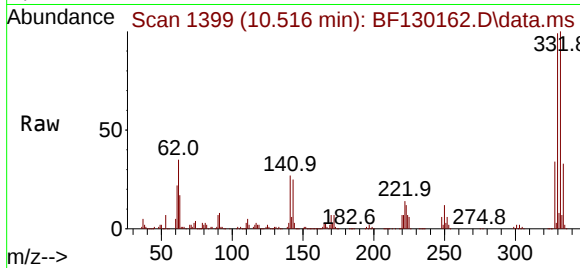




#67
4-Bromophenyl-phenylether
Concen: 4.725 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF130162.D
Acq: 07 Sep 2022 15:08

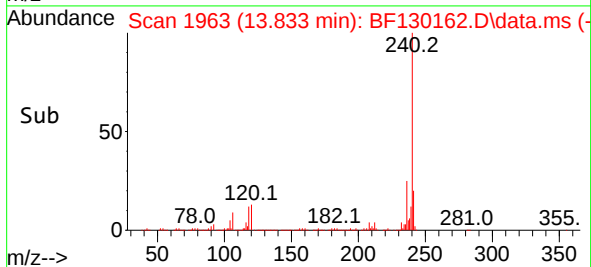
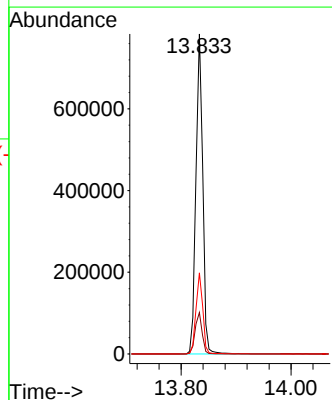
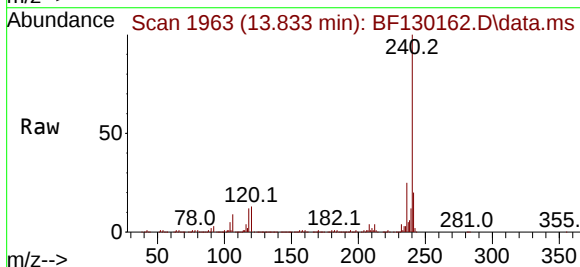
Instrument :
BNA_F
ClientSampleId :
PB147513BL

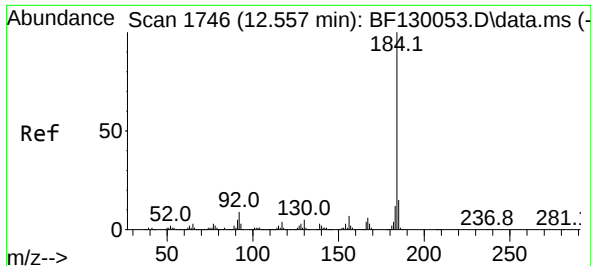
Tgt Ion:248 Resp: 44995
Ion Ratio Lower Upper
248 100
250 202.2 77.8 116.6#
141 465.5 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130162.D
Acq: 07 Sep 2022 15:08

Tgt Ion:240 Resp: 672015
Ion Ratio Lower Upper
240 100
120 13.0 9.2 13.8
236 25.4 20.7 31.1

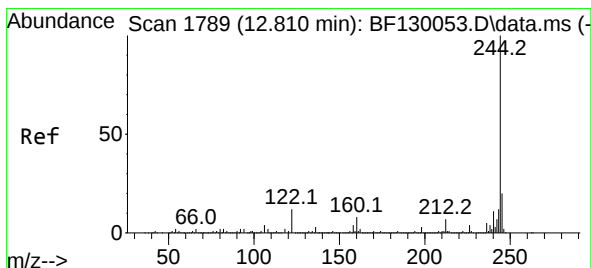
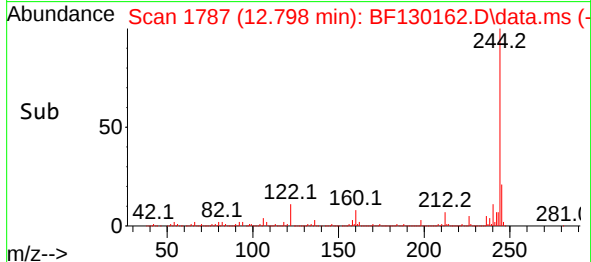
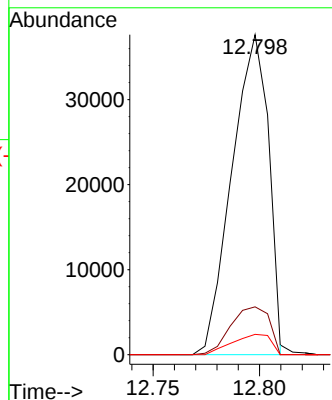
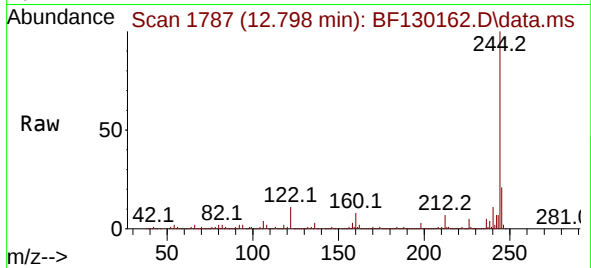




#77
Benzidine
Concen: 2.486 ng
RT: 12.798 min Scan# 1787
Delta R.T. 0.253 min
Lab File: BF130162.D
Acq: 07 Sep 2022 15:08

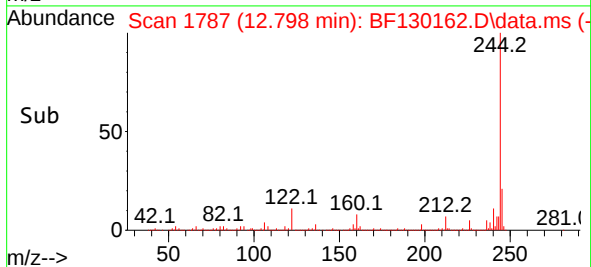
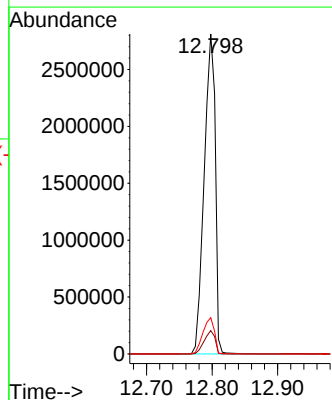
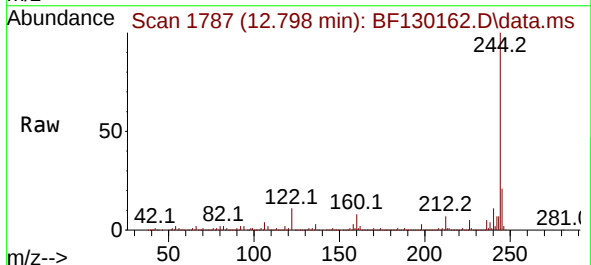
Instrument :
BNA_F
ClientSampleId :
PB147513BL

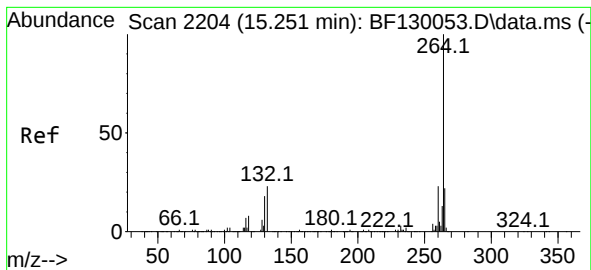
Tgt Ion:184 Resp: 45101
Ion Ratio Lower Upper
184 100
185 15.0 11.4 17.2
183 6.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 85.588 ng
RT: 12.798 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF130162.D
Acq: 07 Sep 2022 15:08

Tgt Ion:244 Resp: 3316735
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.3 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: BF130162.D
 Acq: 07 Sep 2022 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB147513BL

Tgt Ion:264 Resp: 561289
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.9 16.7 25.1

