

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
 Data File : BF130184.D
 Acq On : 08 Sep 2022 18:14
 Operator : CG\JU
 Sample : N4513-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11939RE

Quant Time: Sep 09 01:07:22 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)

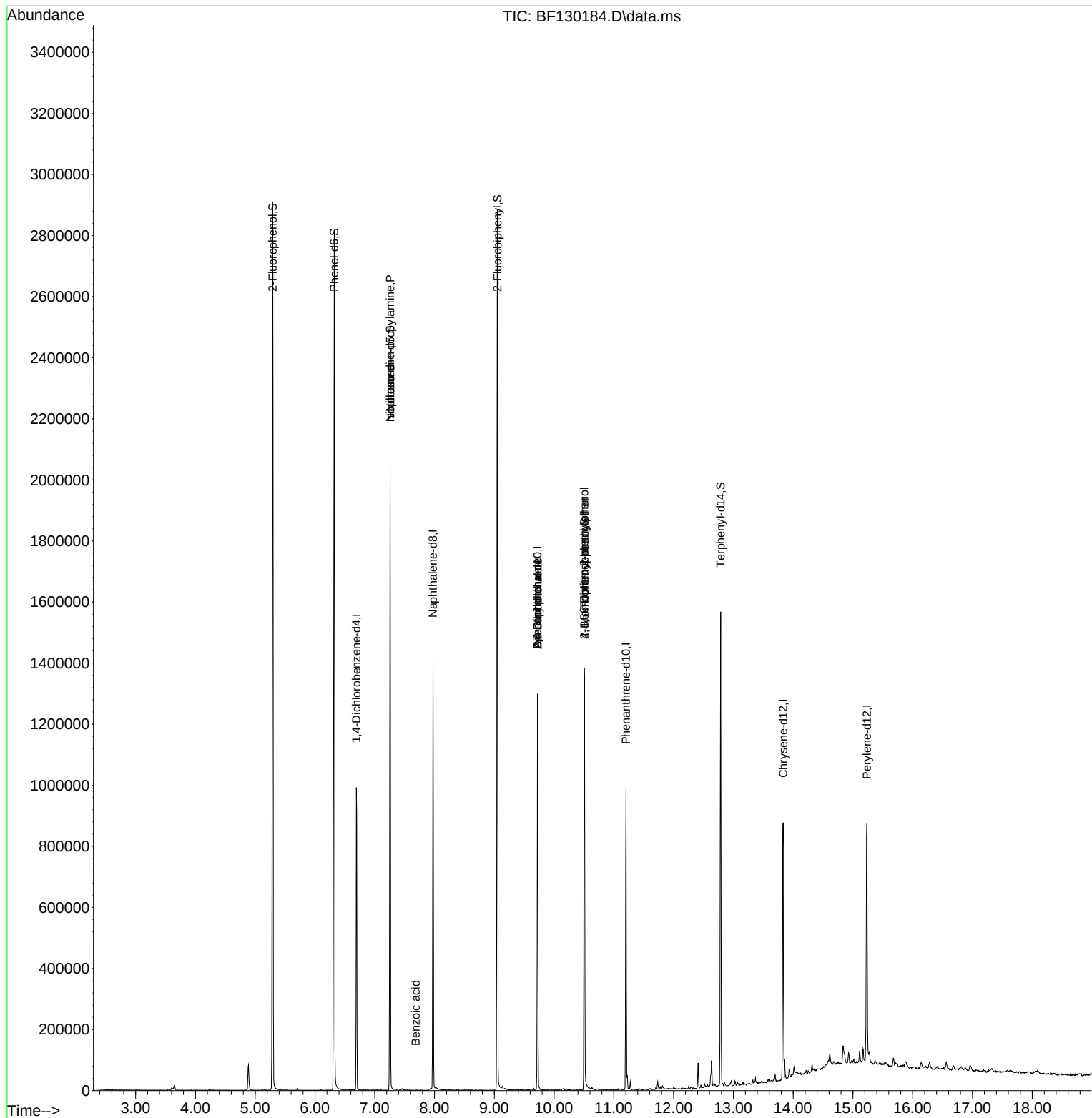
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	146407	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	551322	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	250485	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	341706	20.000	ng	0.00
76) Chrysene-d12	13.833	240	273686	20.000	ng	-0.01
86) Perylene-d12	15.233	264	340799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.292	112	870802	100.973	ng	0.00
7) Phenol-d6	6.322	99	1028770	95.684	ng	-0.01
23) Nitrobenzene-d5	7.257	82	612946	71.449	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	170002	74.559	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	809640	53.590	ng	0.00
79) Terphenyl-d14	12.786	244	460646	29.187	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	79713	12.306	ng	# 74
25) Isophorone	7.257	82	609675	35.113	ng	# 65
32) Benzoic acid	7.686	122	73	6.583	ng	# 1
50) Dimethylphthalate	9.722	163	45303	2.655	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	31036	9.330	ng	# 23
57) 2,4-Dinitrotoluene	9.722	165	31036	8.104	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.504	198	404	6.300	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	10147	2.670	ng	# 1

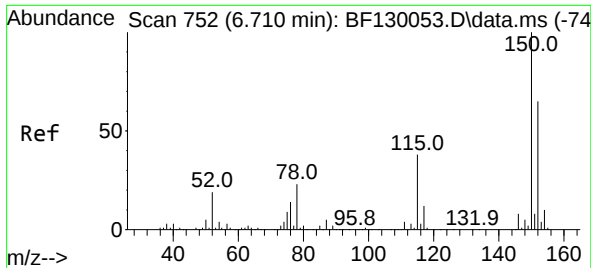
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
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Instrument :
BNA_F
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72-11939RE

Quant Time: Sep 09 01:07:22 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

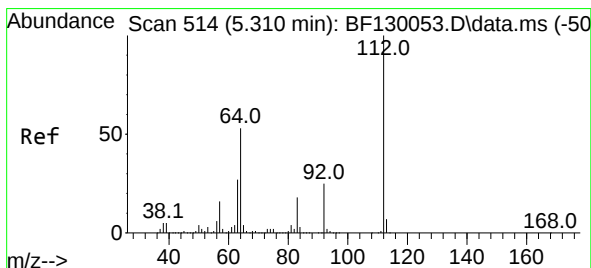
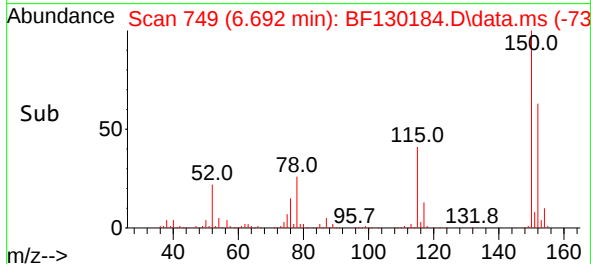
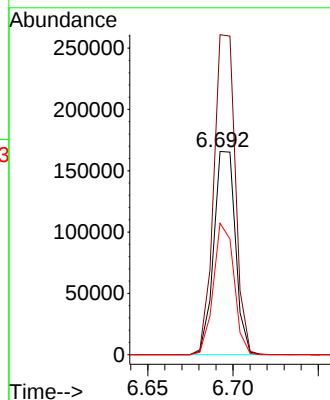
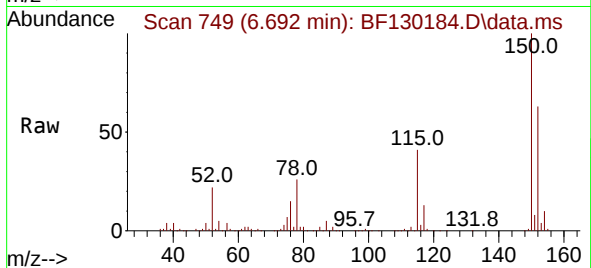




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130184.D
 Acq: 08 Sep 2022 18:14

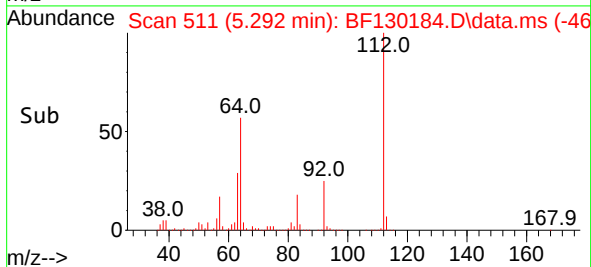
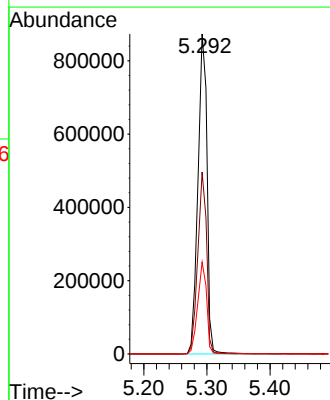
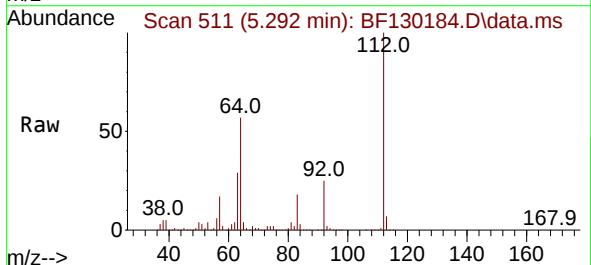
Instrument :
 BNA_F
 ClientSampleId :
 72-11939RE

Tgt Ion:152 Resp: 146407
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.9 190.3
 115 64.8 53.4 80.0



#5
 2-Fluorophenol
 Concen: 100.973 ng
 RT: 5.292 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: BF130184.D
 Acq: 08 Sep 2022 18:14

Tgt Ion:112 Resp: 870802
 Ion Ratio Lower Upper
 112 100
 64 56.9 47.6 71.4
 63 28.7 24.6 37.0

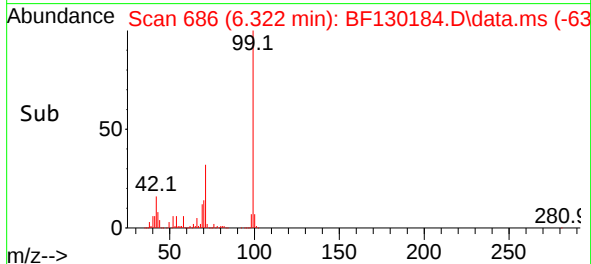
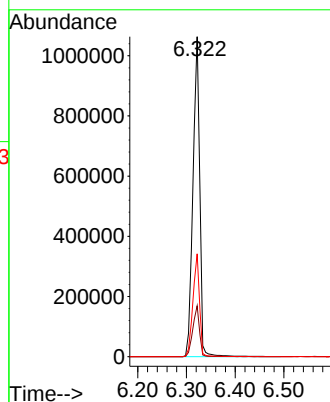
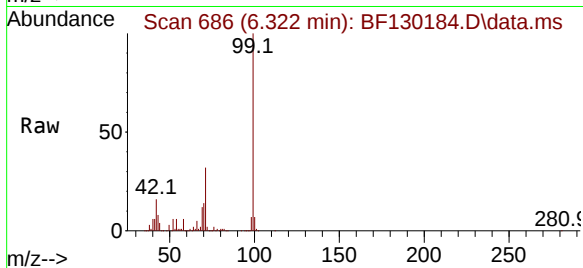




#7
Phenol-d6
Concen: 95.684 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130184.D
Acq: 08 Sep 2022 18:14

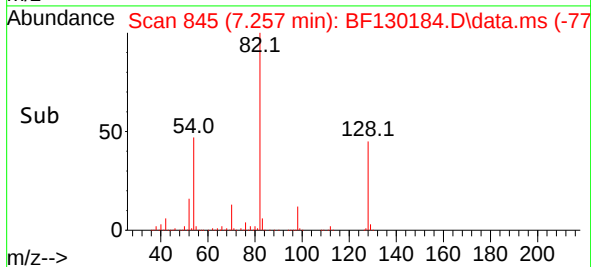
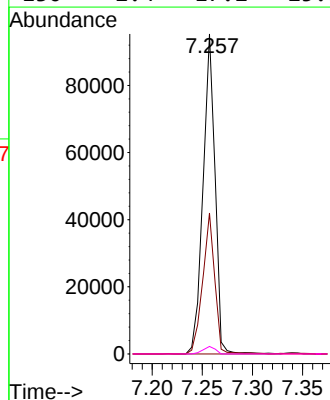
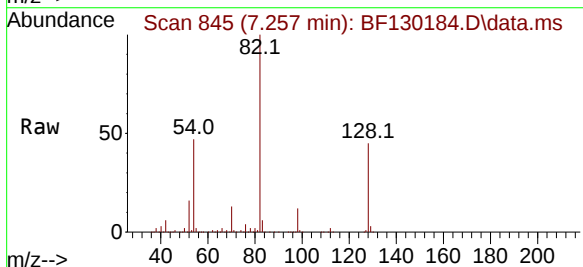
Instrument :
BNA_F
ClientSampleId :
72-11939RE

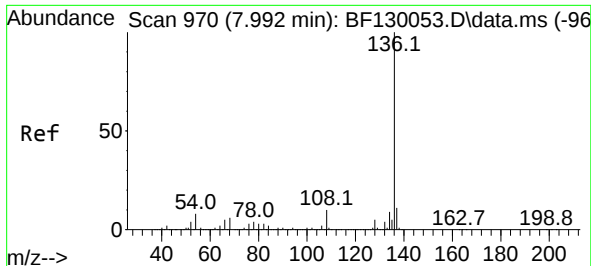
Tgt Ion: 99 Resp: 1028770
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.4
71 32.2 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.306 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.129 min
Lab File: BF130184.D
Acq: 08 Sep 2022 18:14

Tgt Ion: 70 Resp: 79713
Ion Ratio Lower Upper
70 100
42 44.0 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#

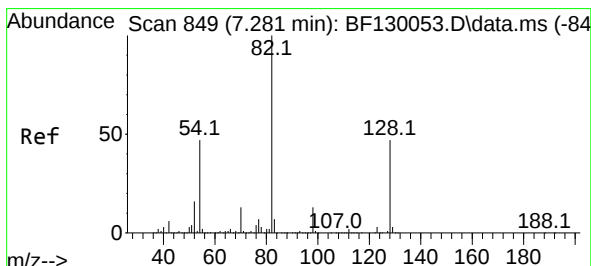
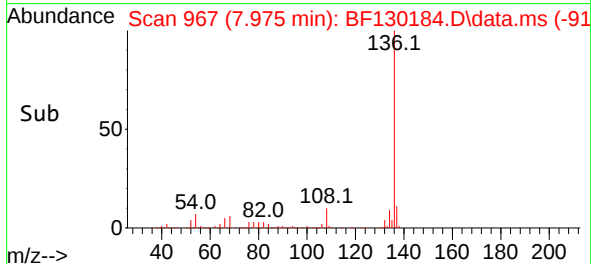
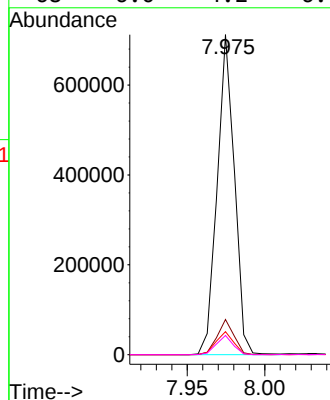
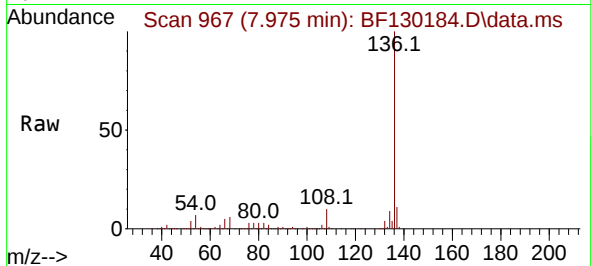




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130184.D
Acq: 08 Sep 2022 18:14

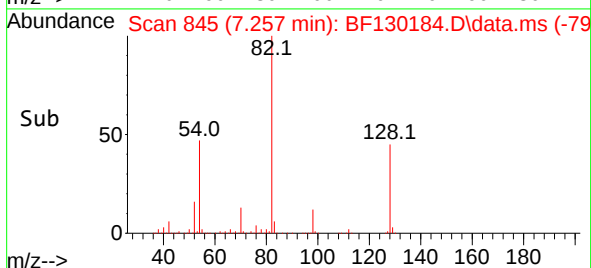
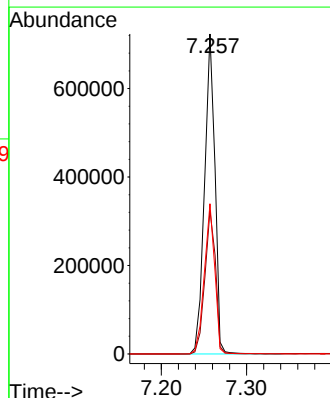
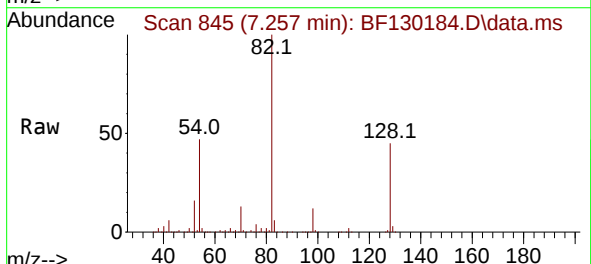
Instrument :
BNA_F
ClientSampleId :
72-11939RE

Tgt Ion:136 Resp: 551322
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.2 6.2 9.2
68 6.0 4.2 6.4



#23
Nitrobenzene-d5
Concen: 71.449 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF130184.D
Acq: 08 Sep 2022 18:14

Tgt Ion: 82 Resp: 612946
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 47.0 40.0 60.0

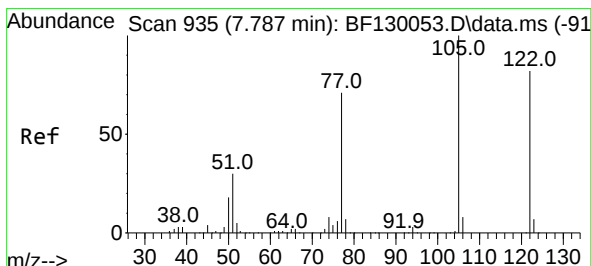
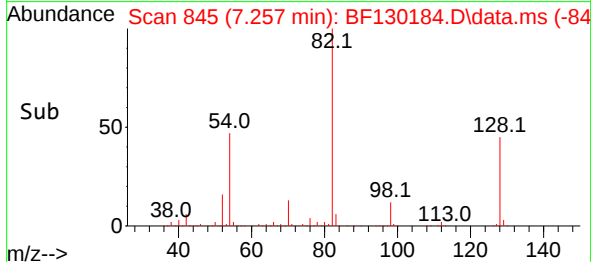
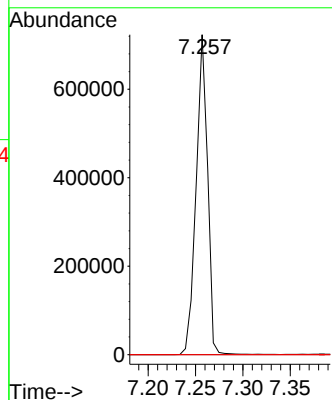
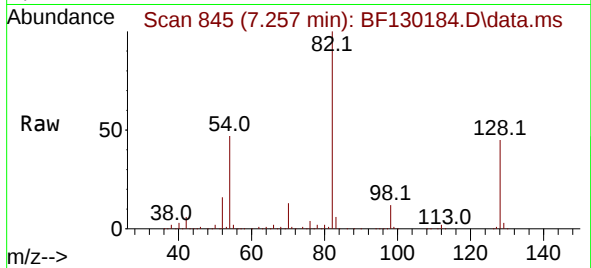




#25
Isophorone
Concen: 35.113 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130184.D
Acq: 08 Sep 2022 18:14

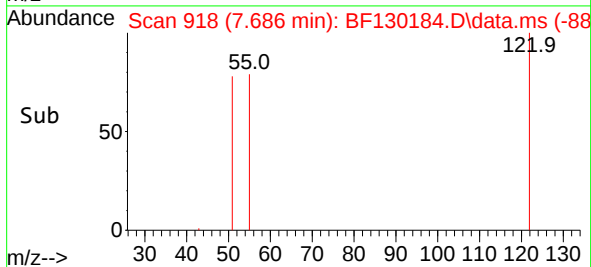
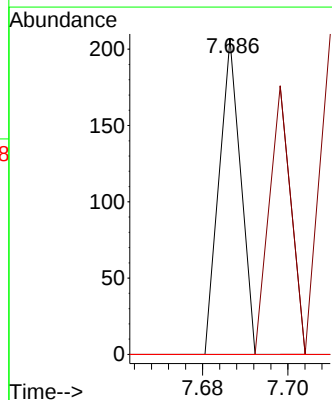
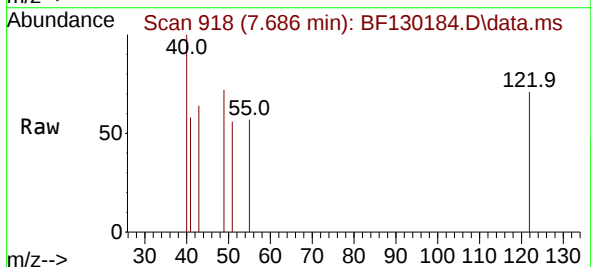
Instrument :
BNA_F
ClientSampleId :
72-11939RE

Tgt Ion: 82 Resp: 609675
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.583 ng
RT: 7.686 min Scan# 918
Delta R.T. -0.083 min
Lab File: BF130184.D
Acq: 08 Sep 2022 18:14

Tgt Ion: 122 Resp: 73
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 0.0 65.9 105.9#

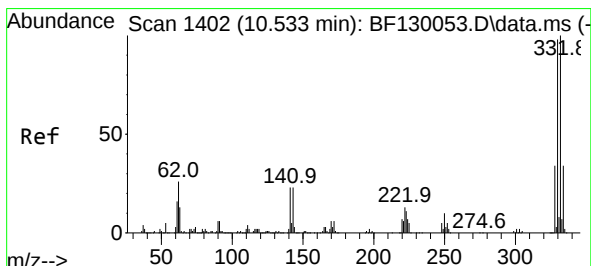
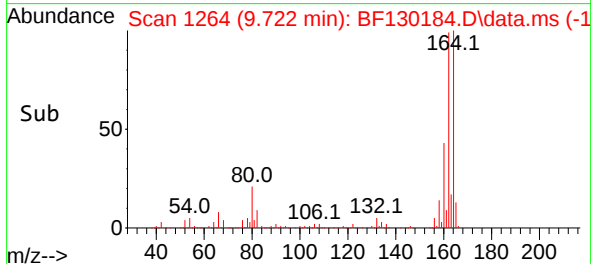
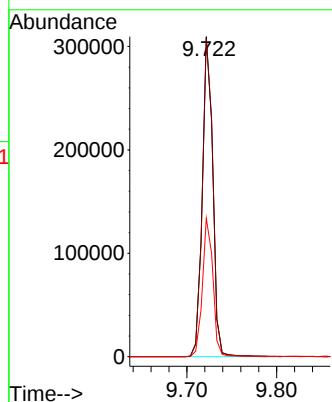
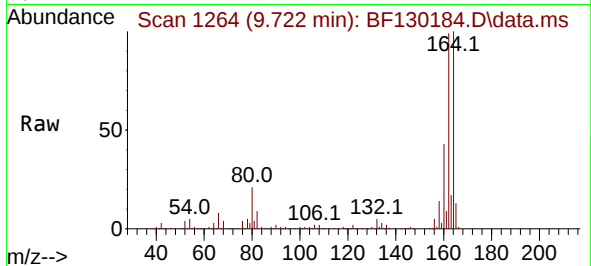




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130184.D
Acq: 08 Sep 2022 18:14

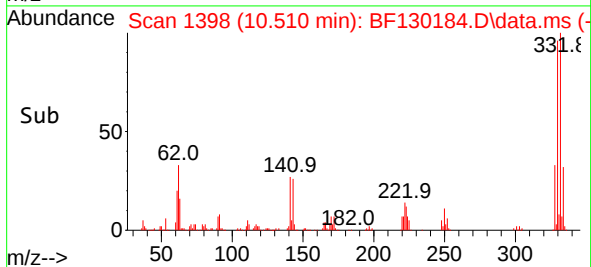
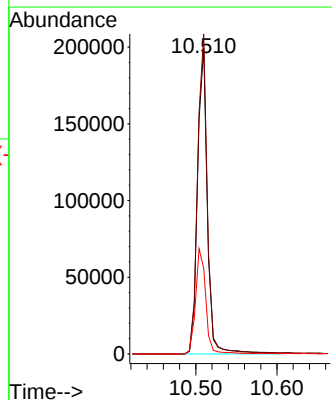
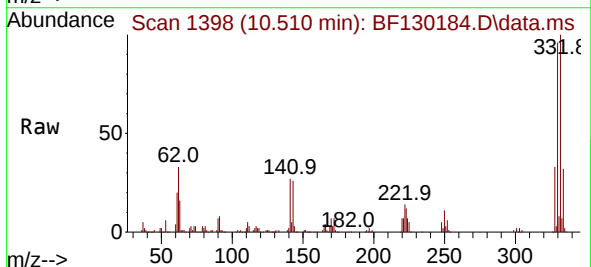
Instrument :
BNA_F
ClientSampleId :
72-11939RE

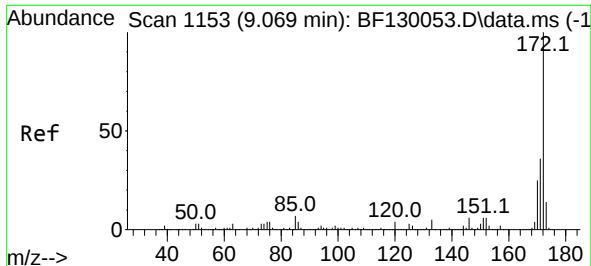
Tgt Ion:164 Resp: 250485
Ion Ratio Lower Upper
164 100
162 99.4 82.0 123.0
160 43.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 74.559 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF130184.D
Acq: 08 Sep 2022 18:14

Tgt Ion:330 Resp: 170002
Ion Ratio Lower Upper
330 100
332 105.4 82.6 124.0
141 35.4 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 53.590 ng

RT: 9.051 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130184.D

Acq: 08 Sep 2022 18:14

Instrument :

BNA_F

ClientSampleId :

72-11939RE

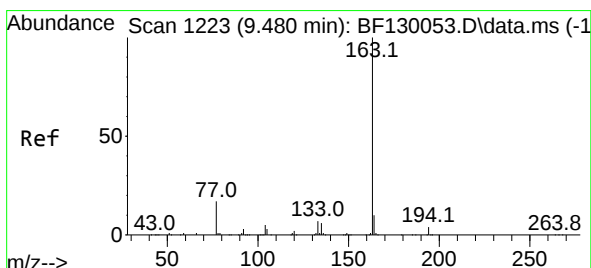
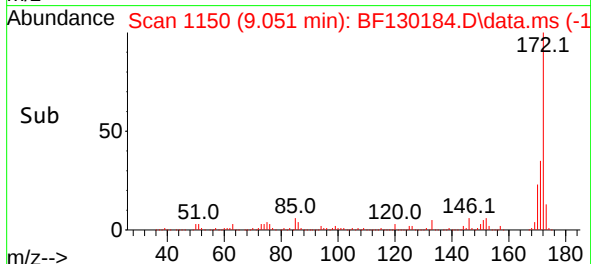
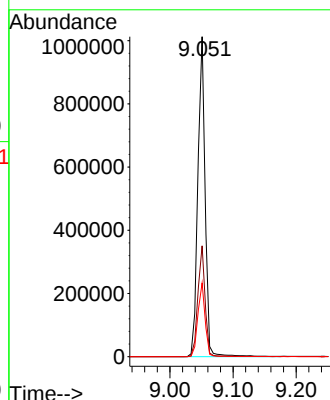
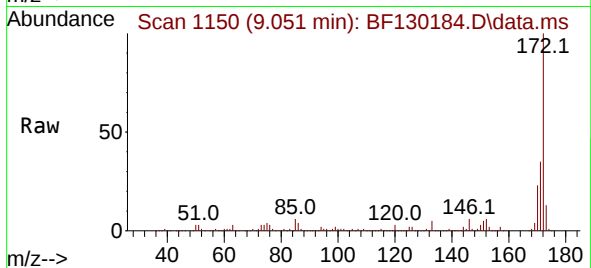
Tgt Ion:172 Resp: 809640

Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.1 19.1 28.7



#50

Dimethylphthalate

Concen: 2.655 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.253 min

Lab File: BF130184.D

Acq: 08 Sep 2022 18:14

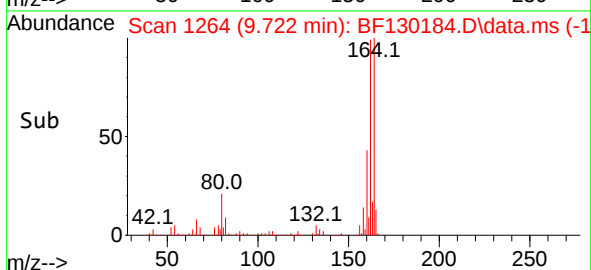
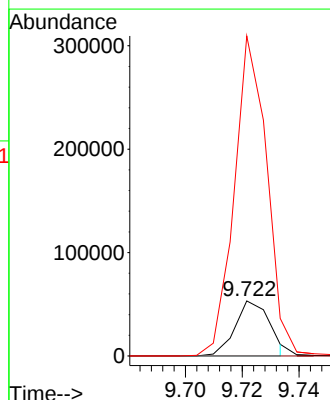
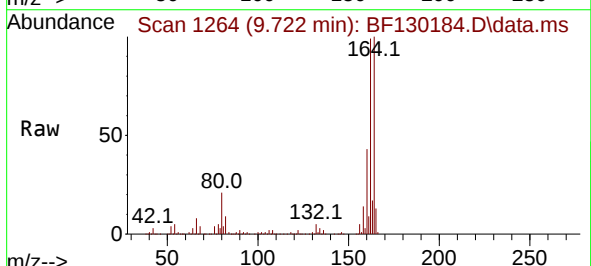
Tgt Ion:163 Resp: 45303

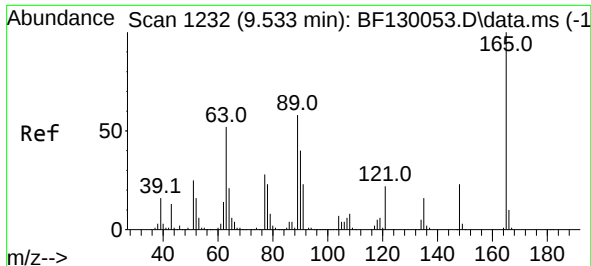
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 581.6 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.330 ng

RT: 9.722 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF130184.D

Acq: 08 Sep 2022 18:14

Instrument :

BNA_F

ClientSampleId :

72-11939RE

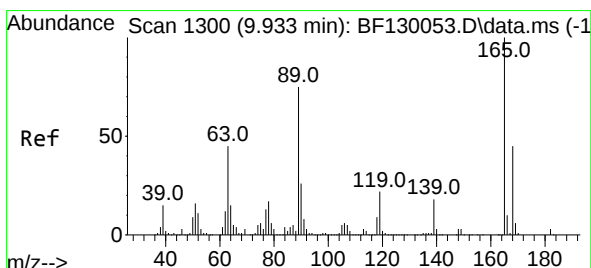
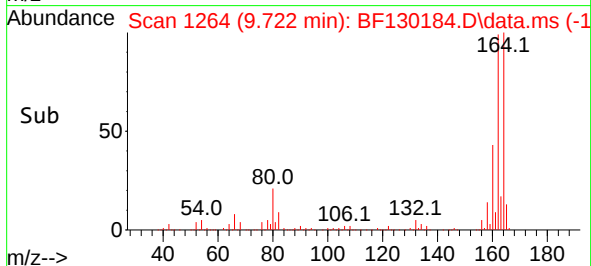
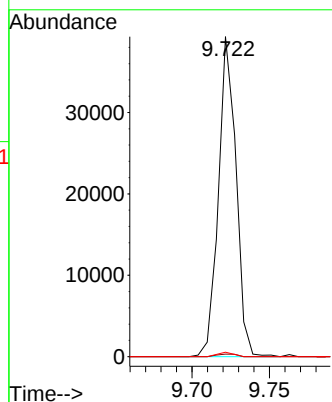
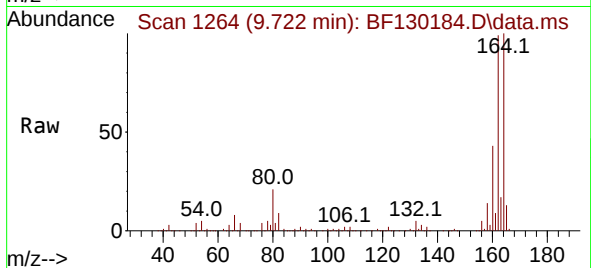
Tgt Ion:165 Resp: 31036

Ion Ratio Lower Upper

165 100

63 0.8 47.8 71.8#

89 1.4 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.104 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.200 min

Lab File: BF130184.D

Acq: 08 Sep 2022 18:14

Tgt Ion:165 Resp: 31036

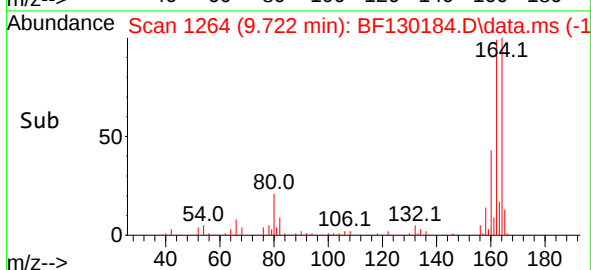
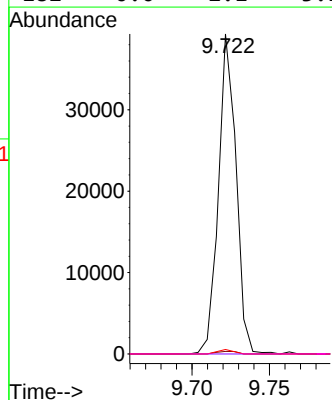
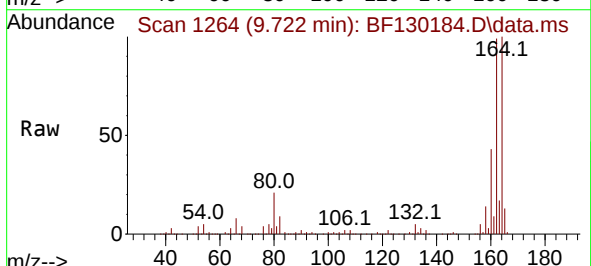
Ion Ratio Lower Upper

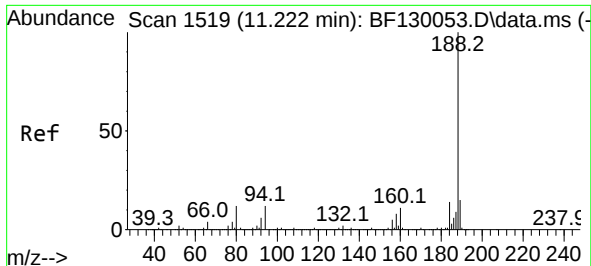
165 100

63 0.8 48.4 72.6#

89 1.4 62.3 93.5#

182 0.0 2.1 3.1#

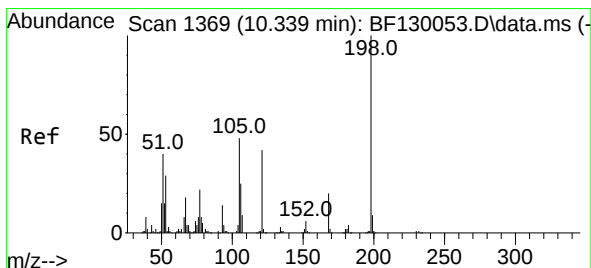
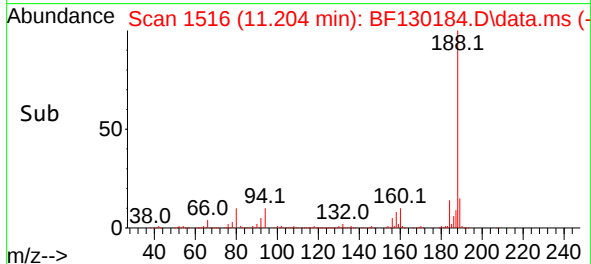
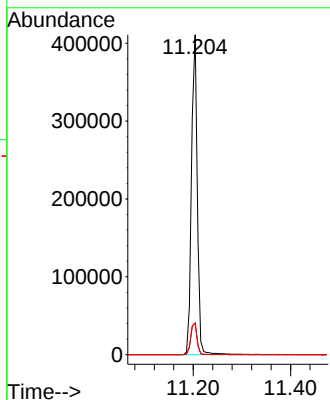
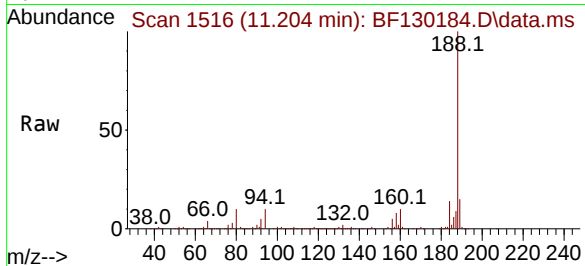




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130184.D
Acq: 08 Sep 2022 18:14

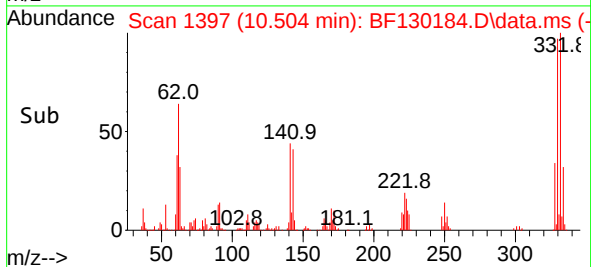
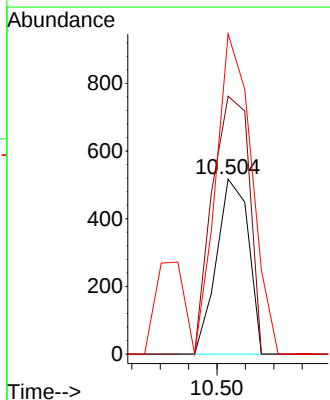
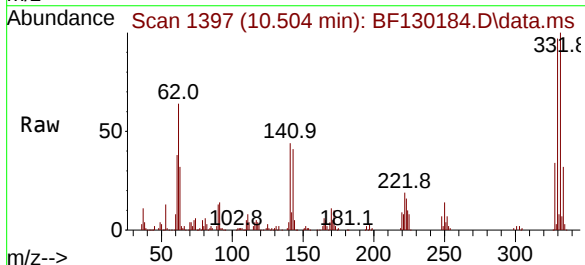
Instrument :
BNA_F
ClientSampleId :
72-11939RE

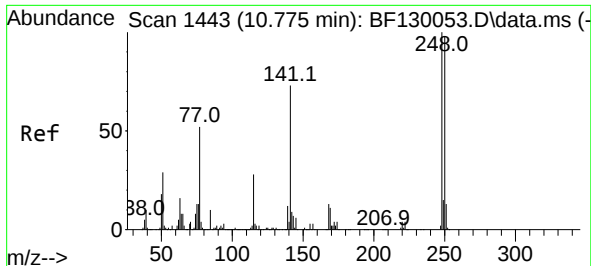
Tgt Ion:188 Resp: 341706
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.0 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.300 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.176 min
Lab File: BF130184.D
Acq: 08 Sep 2022 18:14

Tgt Ion:198 Resp: 404
Ion Ratio Lower Upper
198 100
51 147.4 29.4 69.4#
105 183.0 29.2 69.2#

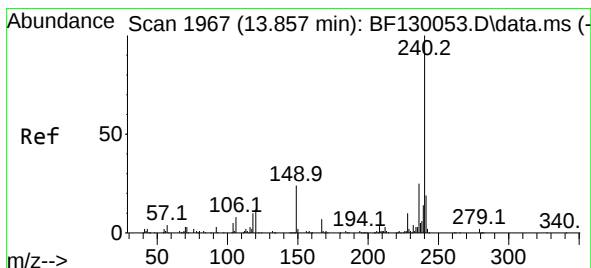
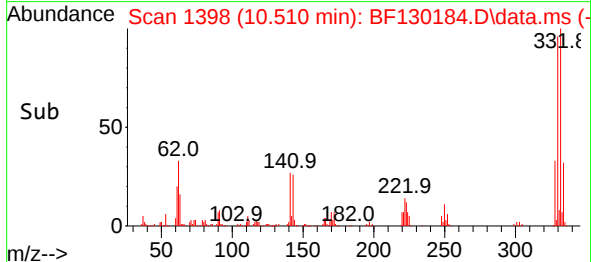
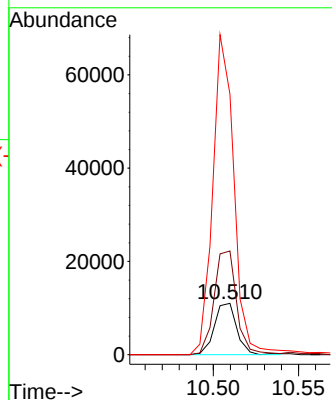
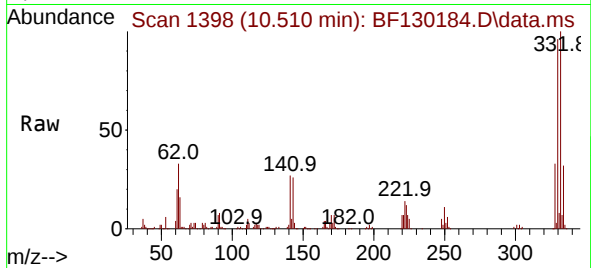




#67
4-Bromophenyl-phenylether
Concen: 2.670 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.253 min
Lab File: BF130184.D
Acq: 08 Sep 2022 18:14

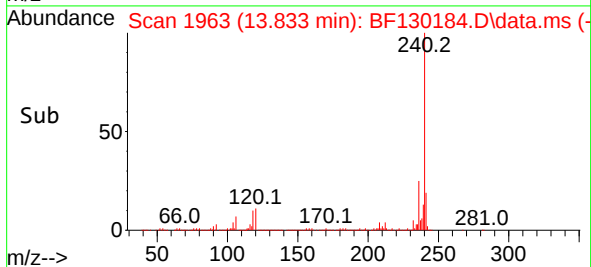
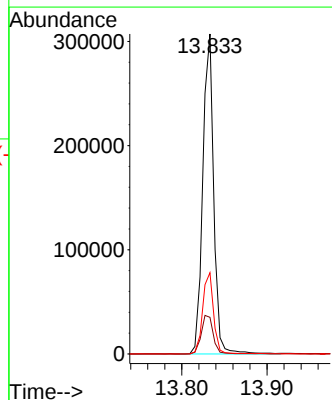
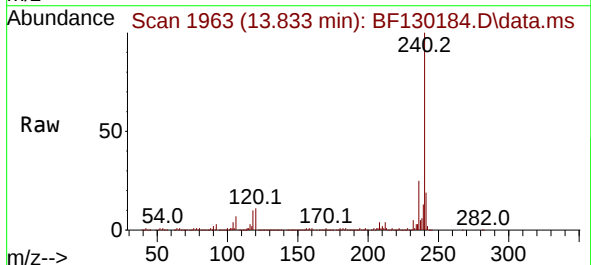
Instrument :
BNA_F
ClientSampleId :
72-11939RE

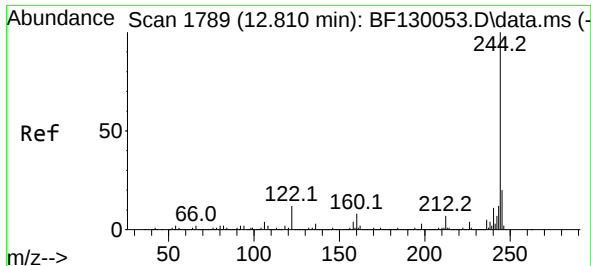
Tgt Ion:248 Resp: 10147
Ion Ratio Lower Upper
248 100
250 202.1 77.8 116.6#
141 507.5 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130184.D
Acq: 08 Sep 2022 18:14

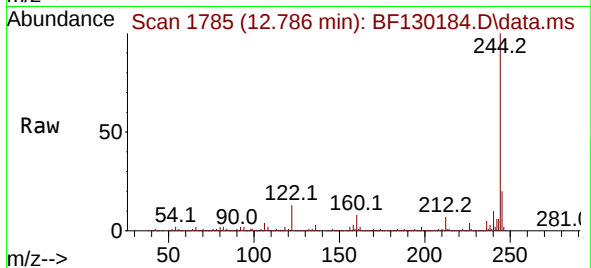
Tgt Ion:240 Resp: 273686
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 25.4 20.7 31.1



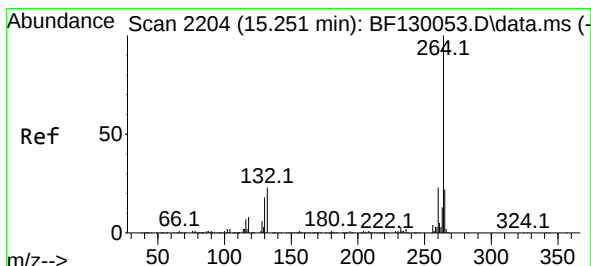
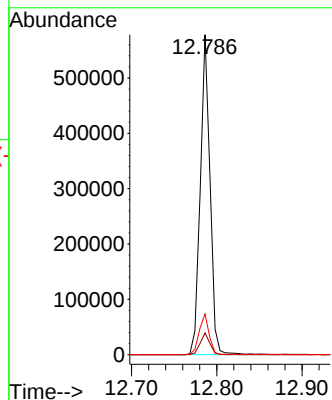
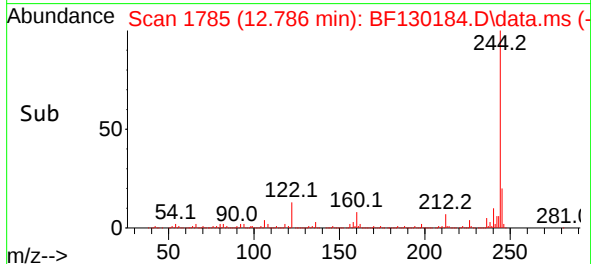


#79
 Terphenyl-d14
 Concen: 29.187 ng
 RT: 12.786 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130184.D
 Acq: 08 Sep 2022 18:14

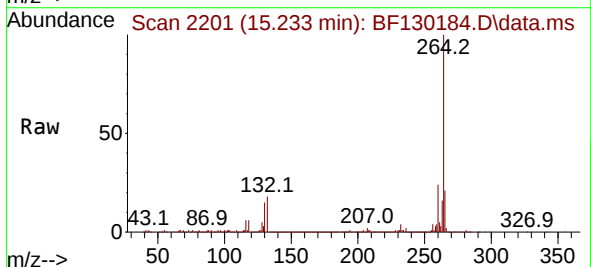
Instrument :
 BNA_F
 ClientSampleId :
 72-11939RE



Tgt Ion:244 Resp: 460646
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 12.7 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF130184.D
 Acq: 08 Sep 2022 18:14



Tgt Ion:264 Resp: 340799
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 20.9 16.7 25.1

