

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130082.D
 Acq On : 01 Sep 2022 17:36
 Operator : CG\JU
 Sample : N4383-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 252672-1

Quant Time: Sep 02 04:01:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

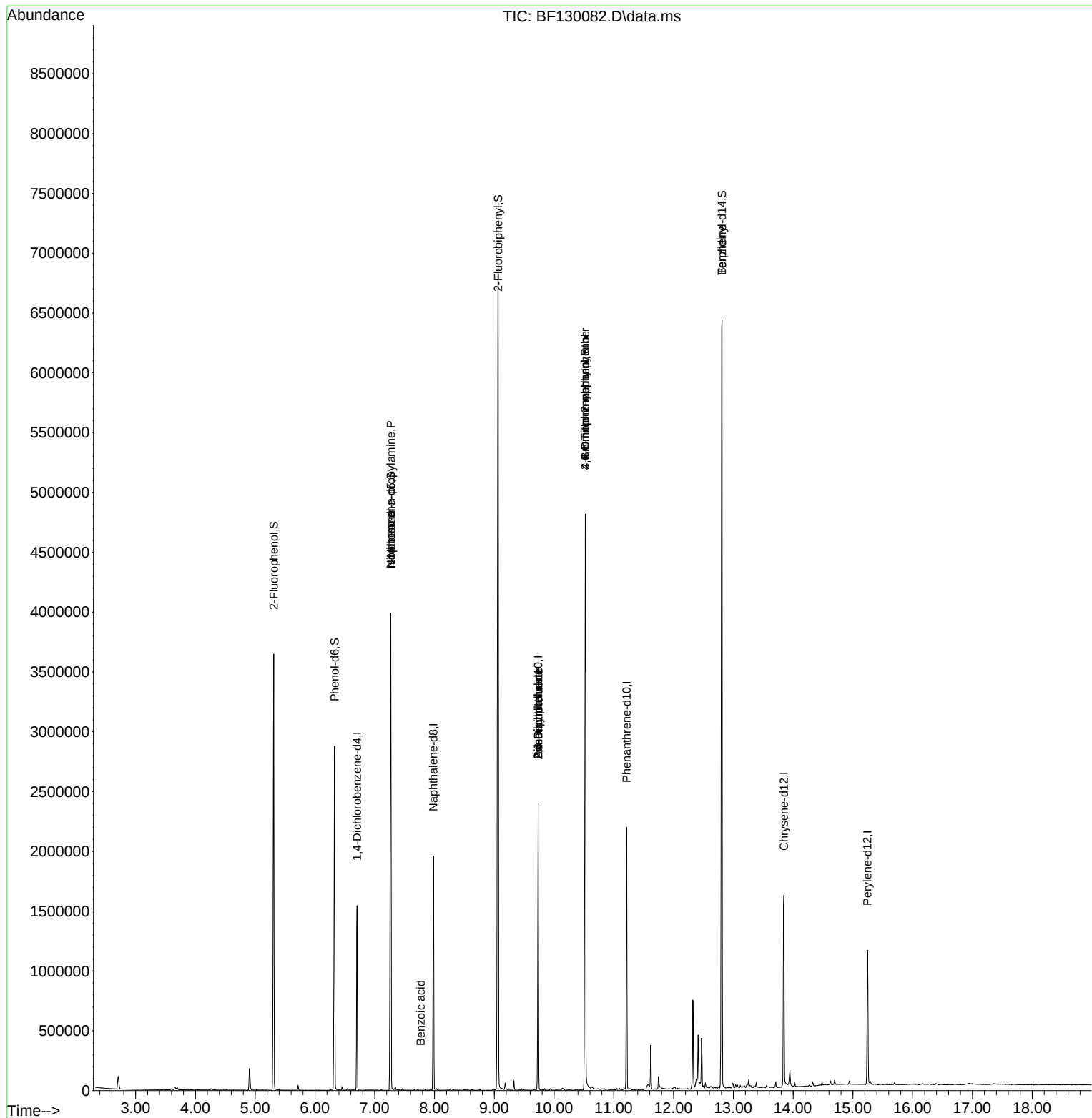
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	225592	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	900920	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	474390	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	768849	20.000	ng	0.00
76) Chrysene-d12	13.845	240	526993	20.000	ng	-0.01
86) Perylene-d12	15.245	264	443243	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1058031	79.620	ng	0.00
7) Phenol-d6	6.328	99	1009927	60.961	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1517436	108.245	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	682644	158.083	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2725654	95.260	ng	0.00
79) Terphenyl-d14	12.810	244	2613160	85.989	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	194379	19.476	ng	# 74
25) Isophorone	7.269	82	1512120	53.293	ng	# 65
32) Benzoic acid	7.769	122	64	6.578	ng	# 73
50) Dimethylphthalate	9.733	163	89291	2.763	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	61026	9.687	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	61026	8.414	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1625	6.472	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	40036	4.682	ng	# 1
77) Benzidine	12.810	184	35835	2.519	ng	# 95

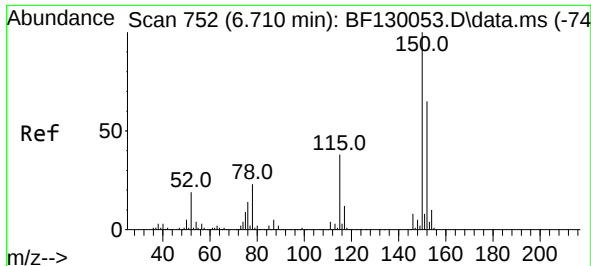
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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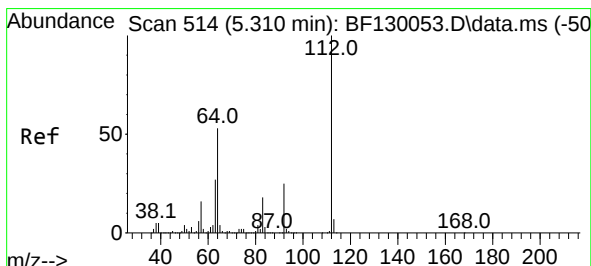
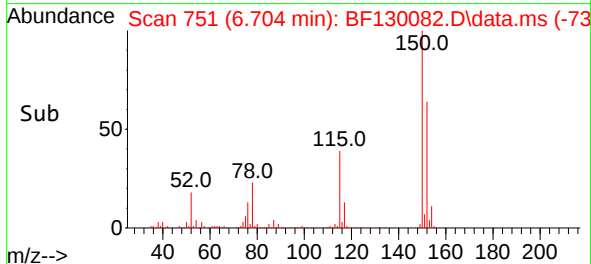
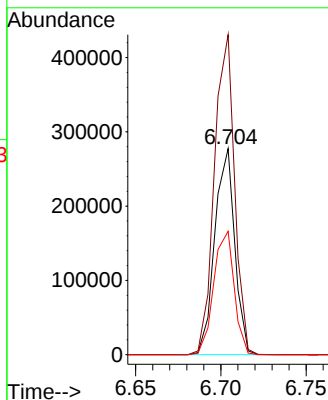
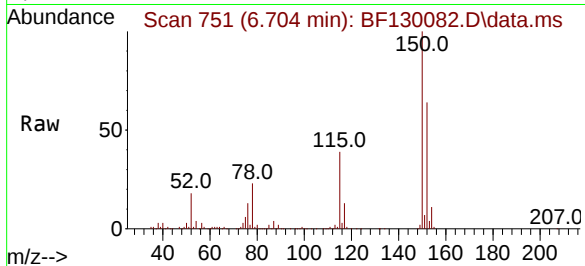




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 752
 Delta R.T. -0.006 min
 Lab File: BF130082.D
 Acq: 01 Sep 2022 17:36

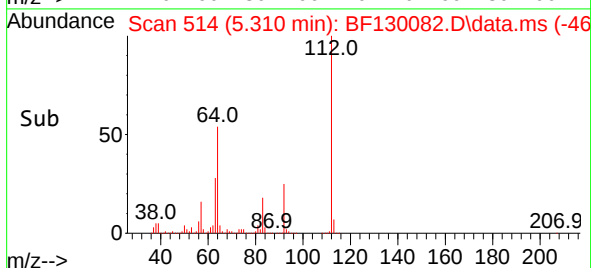
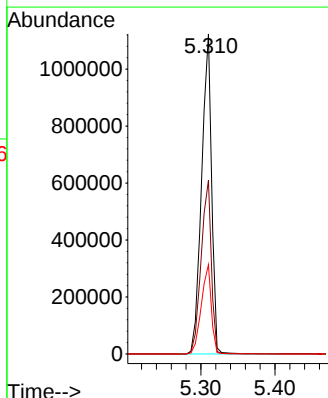
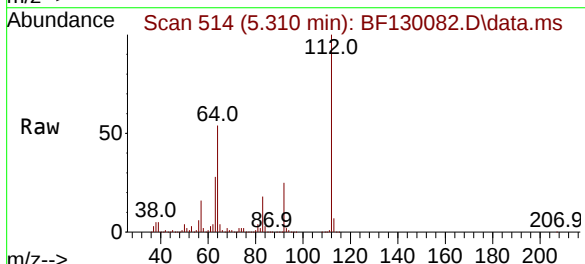
Instrument :
 BNA_F
 ClientSampleId :
 252672-1

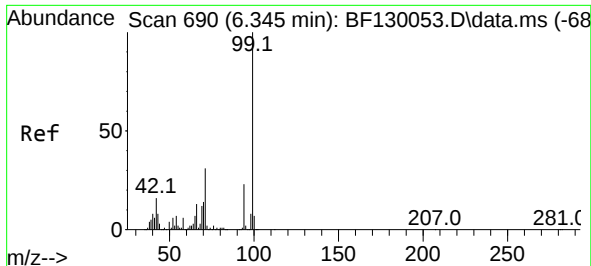
Tgt Ion:152 Resp: 225592
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.9 190.3
 115 59.9 53.4 80.0



#5
 2-Fluorophenol
 Concen: 79.620 ng
 RT: 5.310 min Scan# 514
 Delta R.T. -0.000 min
 Lab File: BF130082.D
 Acq: 01 Sep 2022 17:36

Tgt Ion:112 Resp: 1058031
 Ion Ratio Lower Upper
 112 100
 64 54.3 47.6 71.4
 63 27.9 24.6 37.0

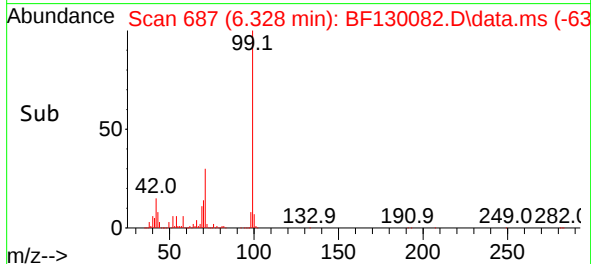
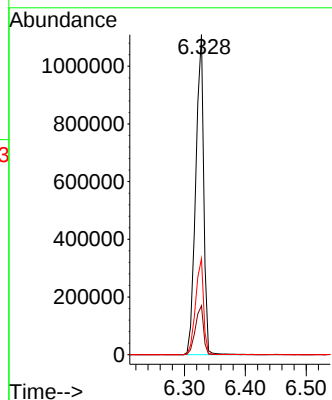
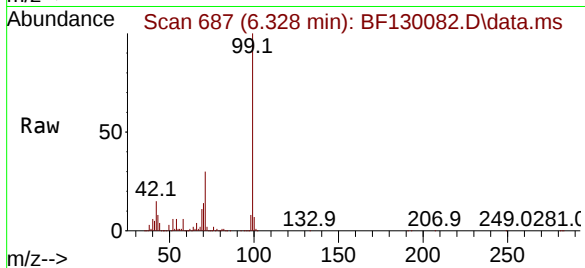




#7
Phenol-d6
Concen: 60.961 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130082.D
Acq: 01 Sep 2022 17:36

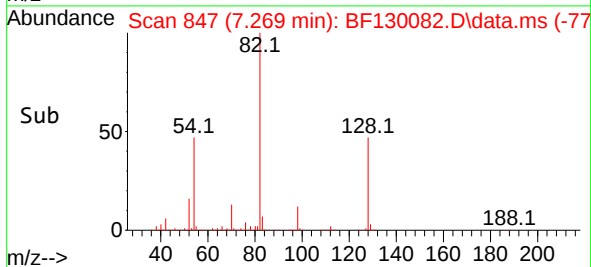
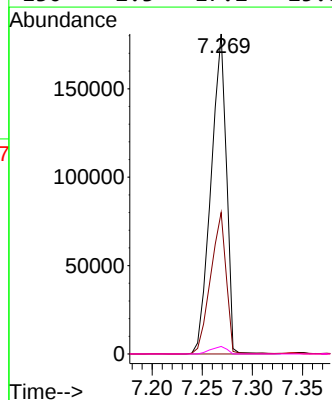
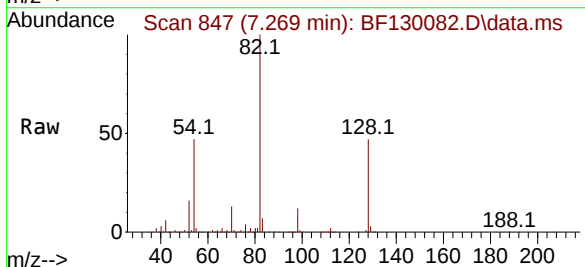
Instrument :
BNA_F
ClientSampleId :
252672-1

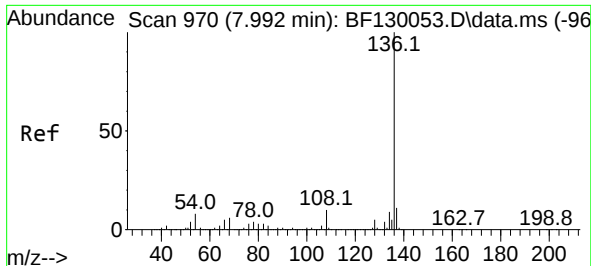
Tgt Ion: 99 Resp: 1009927
Ion Ratio Lower Upper
99 100
42 15.3 15.0 22.4
71 30.0 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.476 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130082.D
Acq: 01 Sep 2022 17:36

Tgt Ion: 70 Resp: 194379
Ion Ratio Lower Upper
70 100
42 44.2 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#

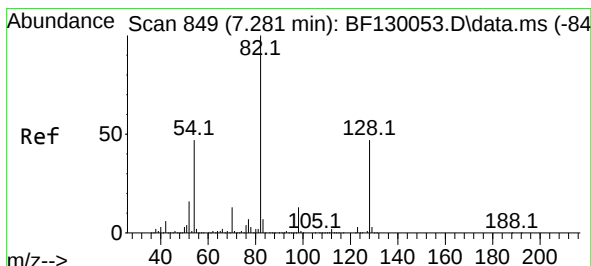
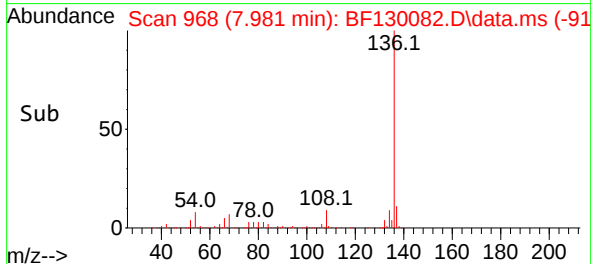
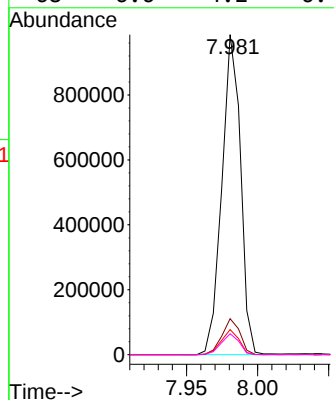
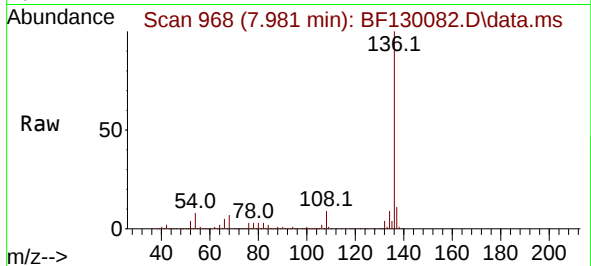




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 90
Delta R.T. -0.011 min
Lab File: BF130082.D
Acq: 01 Sep 2022 17:36

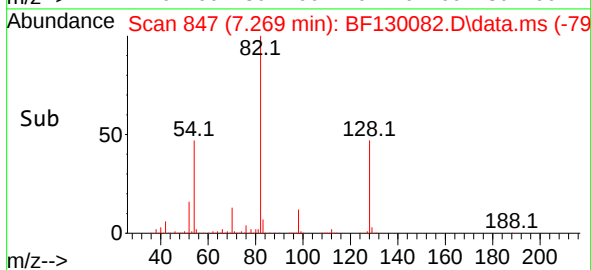
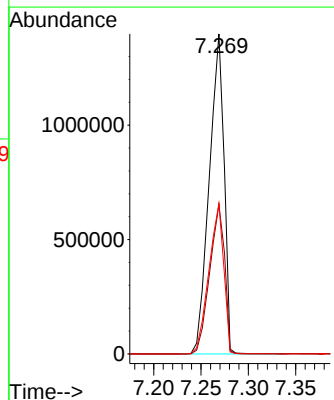
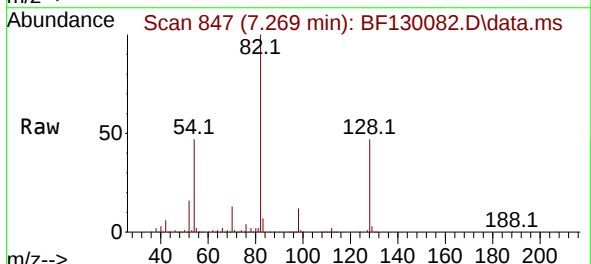
Instrument :
BNA_F
ClientSampleId :
252672-1

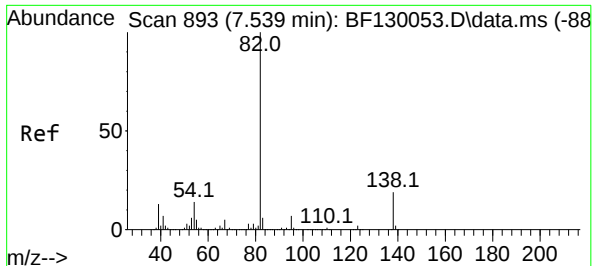
Tgt Ion:136 Resp: 900920
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.9 6.2 9.2
68 6.6 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 108.245 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130082.D
Acq: 01 Sep 2022 17:36

Tgt Ion: 82 Resp: 1517436
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 47.0 40.0 60.0

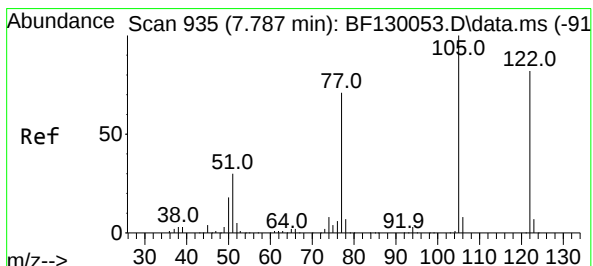
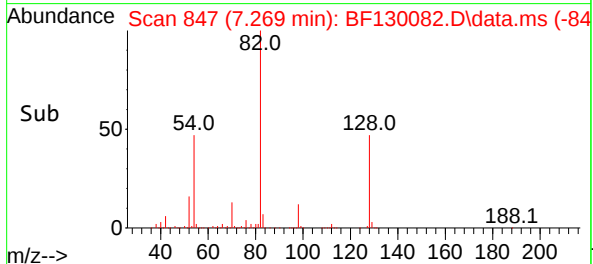
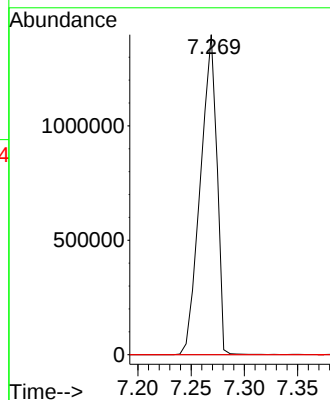
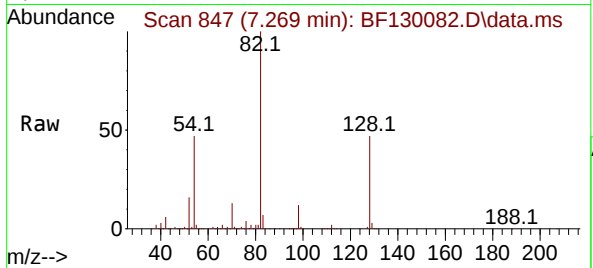




#25
Isophorone
Concen: 53.293 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130082.D
Acq: 01 Sep 2022 17:36

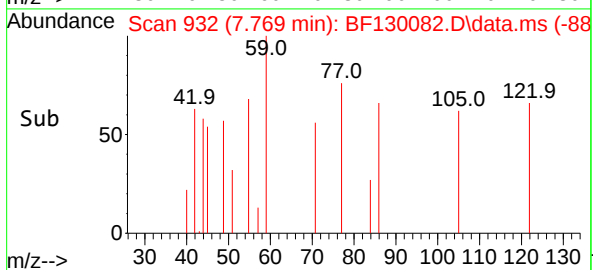
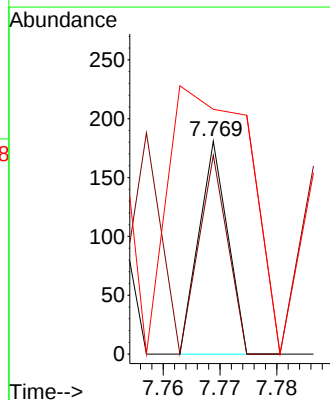
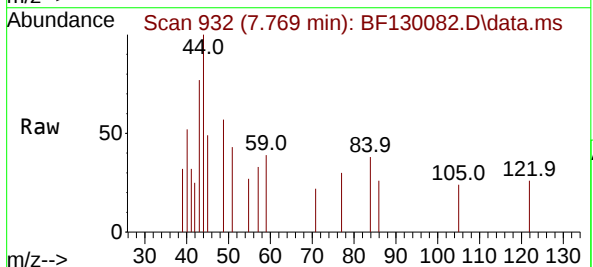
Instrument :
BNA_F
ClientSampleId :
252672-1

Tgt Ion: 82 Resp: 1512120
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.578 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.018 min
Lab File: BF130082.D
Acq: 01 Sep 2022 17:36

Tgt Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 93.4 99.9 139.9#
77 114.9 65.9 105.9#

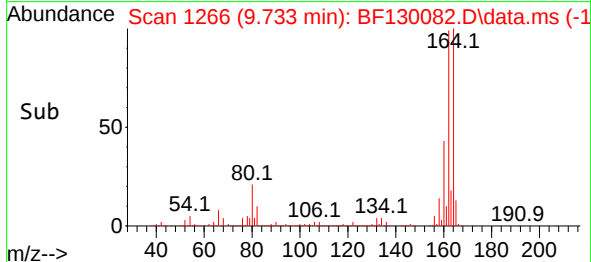
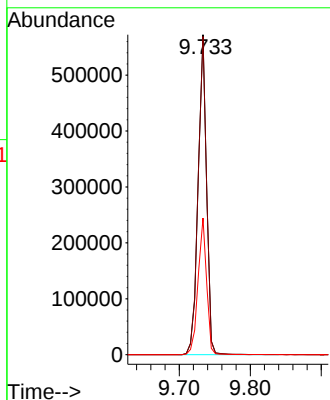
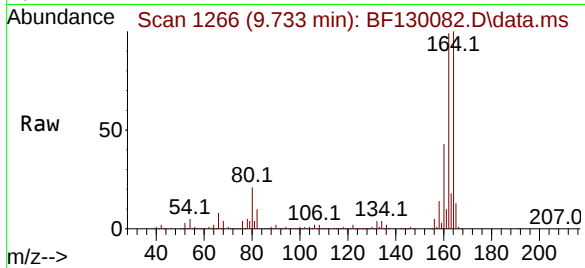




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130082.D
Acq: 01 Sep 2022 17:36

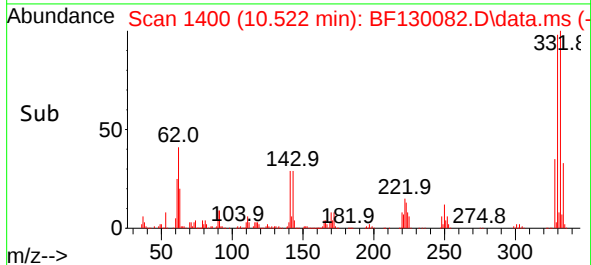
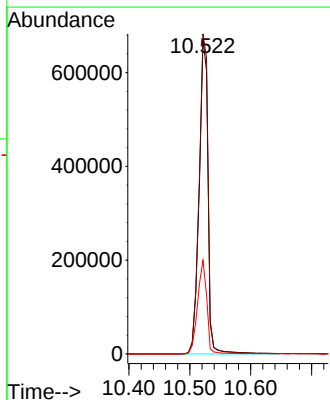
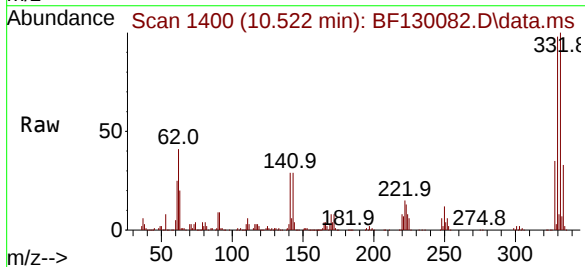
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ClientSampleId :
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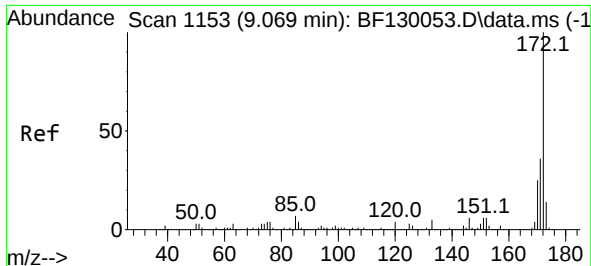
Tgt Ion:164 Resp: 474390
Ion Ratio Lower Upper
164 100
162 99.4 82.0 123.0
160 42.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 158.083 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130082.D
Acq: 01 Sep 2022 17:36

Tgt Ion:330 Resp: 682644
Ion Ratio Lower Upper
330 100
332 103.4 82.6 124.0
141 31.2 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 95.260 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130082.D

Acq: 01 Sep 2022 17:36

Instrument :

BNA_F

ClientSampleId :

252672-1

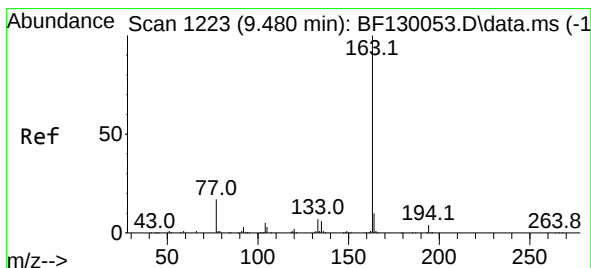
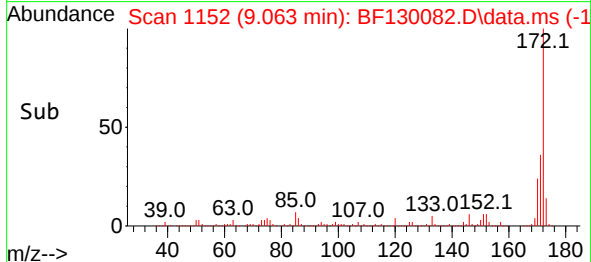
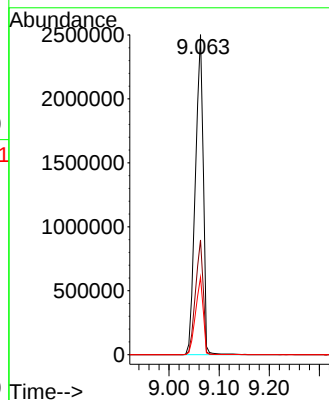
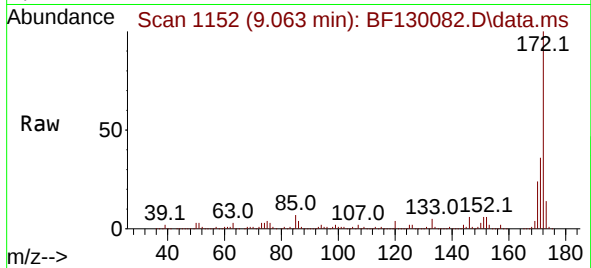
Tgt Ion:172 Resp: 2725654

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.2 19.1 28.7



#50

Dimethylphthalate

Concen: 2.763 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130082.D

Acq: 01 Sep 2022 17:36

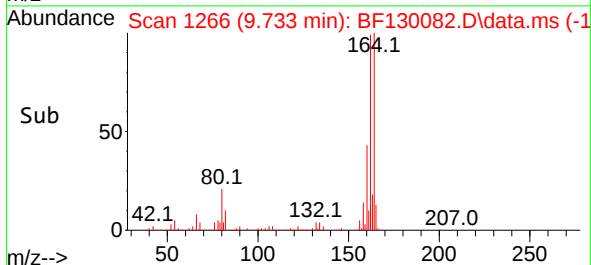
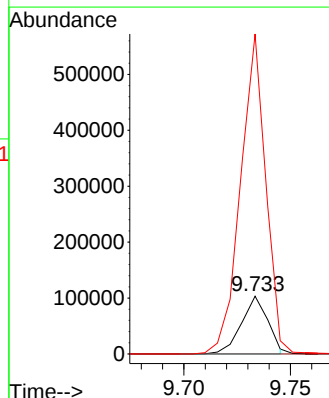
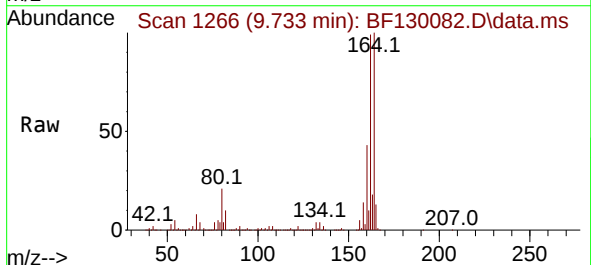
Tgt Ion:163 Resp: 89291

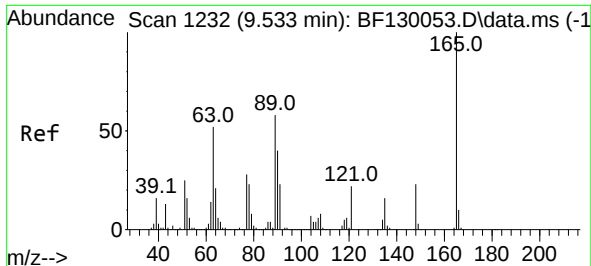
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 553.7 8.2 12.2#

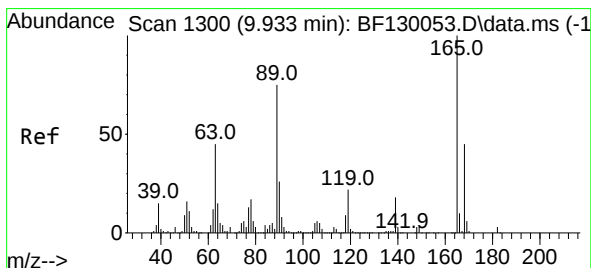
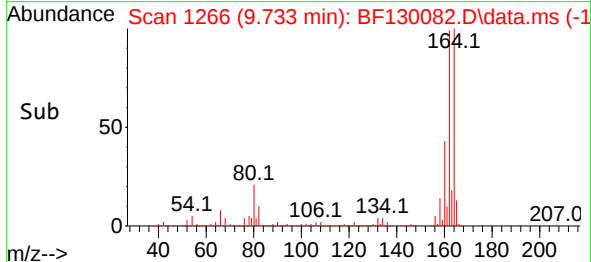
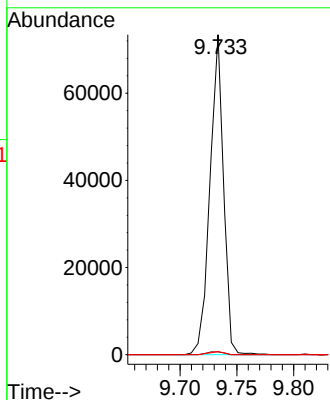
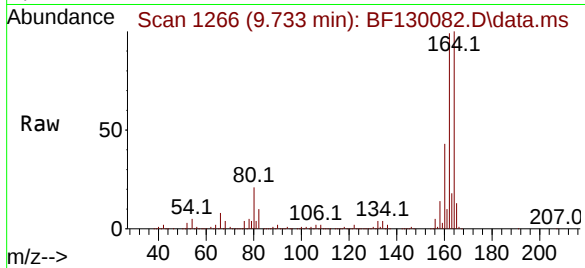




#51
2,6-Dinitrotoluene
Concen: 9.687 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF130082.D
Acq: 01 Sep 2022 17:36

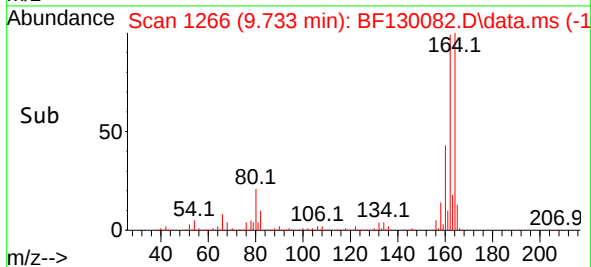
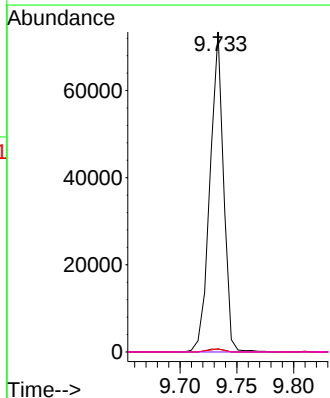
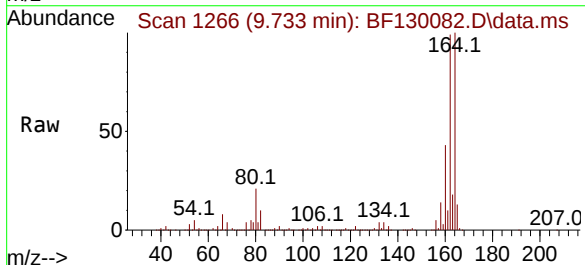
Instrument :
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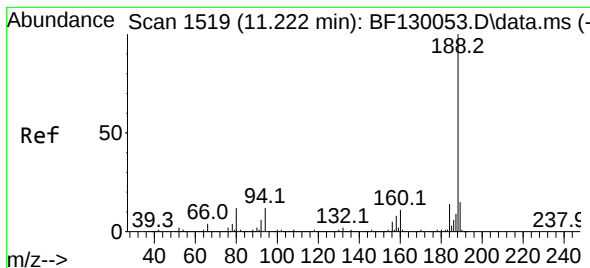
Tgt Ion:165 Resp: 61026
Ion Ratio Lower Upper
165 100
63 0.9 47.8 71.8#
89 1.0 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.414 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.200 min
Lab File: BF130082.D
Acq: 01 Sep 2022 17:36

Tgt Ion:165 Resp: 61026
Ion Ratio Lower Upper
165 100
63 0.9 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: 11.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130082.D

Acq: 01 Sep 2022 17:36

Instrument :

BNA_F

ClientSampleId :

252672-1

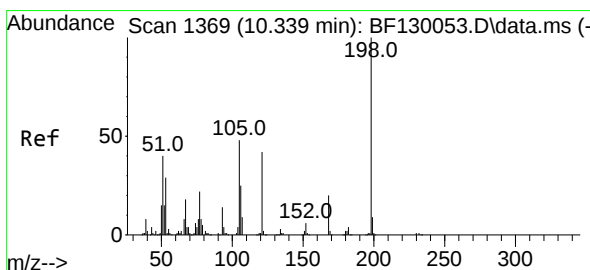
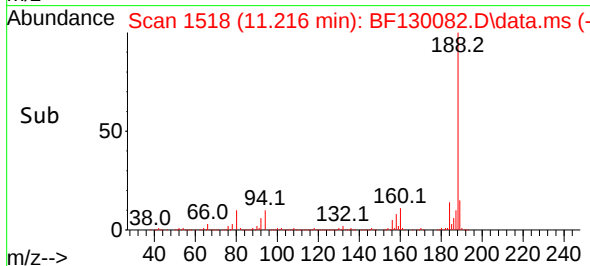
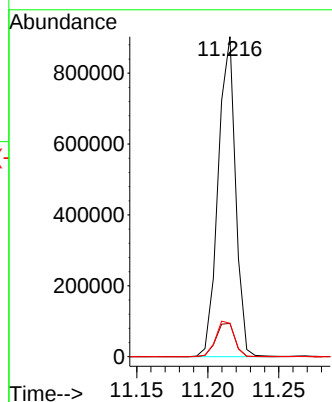
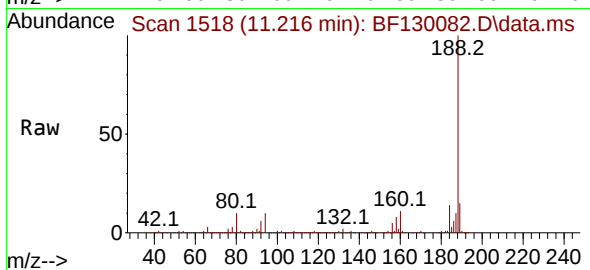
Tgt Ion:188 Resp: 768849

Ion Ratio Lower Upper

188 100

94 10.4 7.4 11.2

80 10.4 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.472 ng

RT: 10.522 min Scan# 1400

Delta R.T. 0.183 min

Lab File: BF130082.D

Acq: 01 Sep 2022 17:36

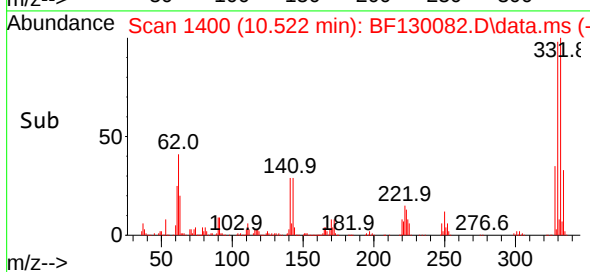
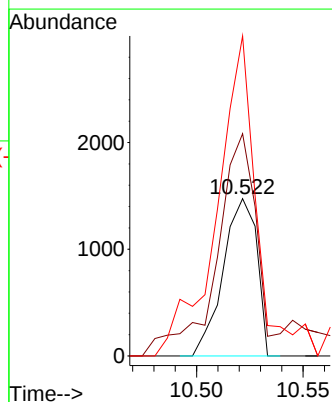
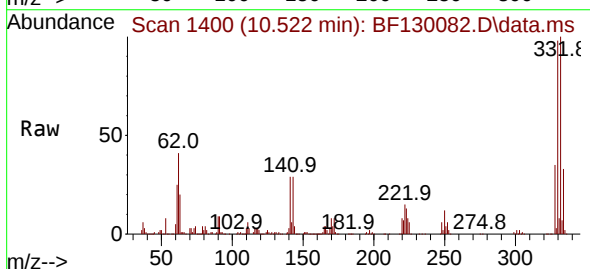
Tgt Ion:198 Resp: 1625

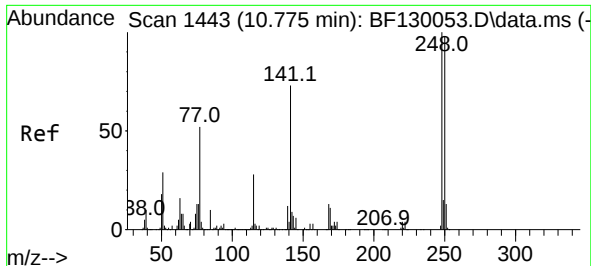
Ion Ratio Lower Upper

198 100

51 141.3 29.4 69.4#

105 203.5 29.2 69.2#

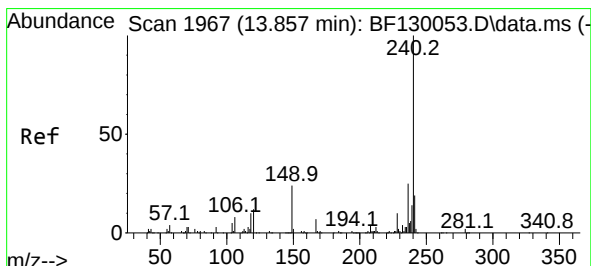
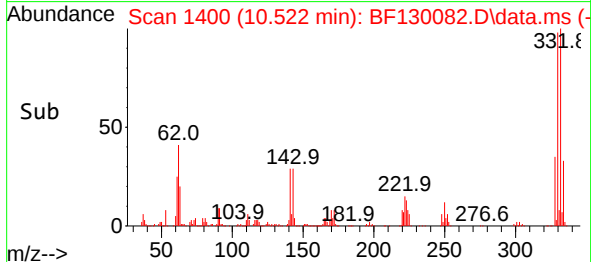
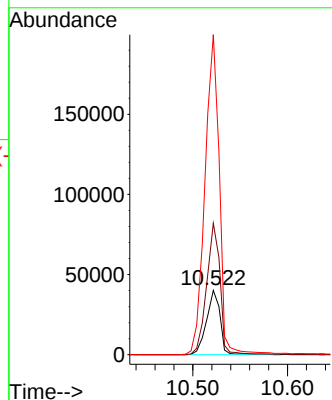
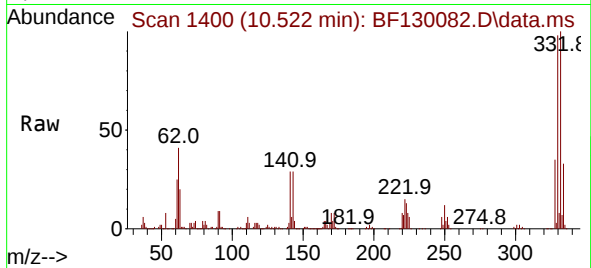




#67
4-Bromophenyl-phenylether
Concen: 4.682 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130082.D
Acq: 01 Sep 2022 17:36

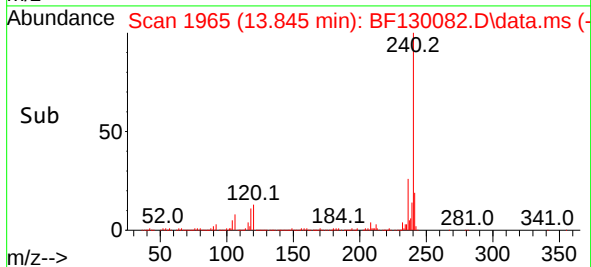
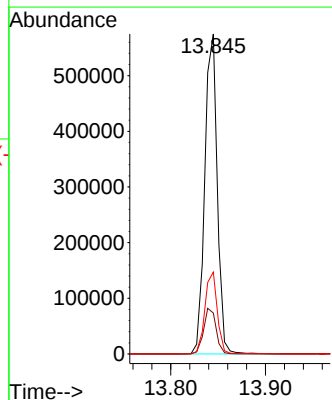
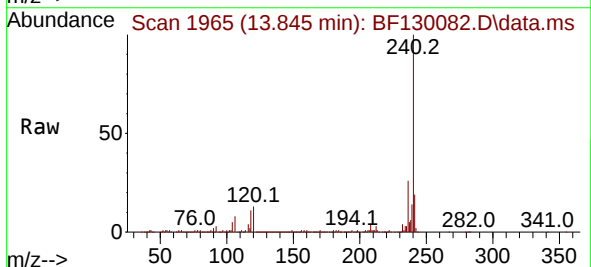
Instrument :
BNA_F
ClientSampleId :
252672-1

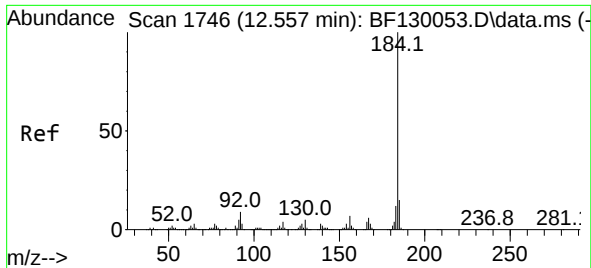
Tgt Ion:248 Resp: 40036
Ion Ratio Lower Upper
248 100
250 204.4 77.8 116.6#
141 496.9 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130082.D
Acq: 01 Sep 2022 17:36

Tgt Ion:240 Resp: 526993
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 25.6 20.7 31.1

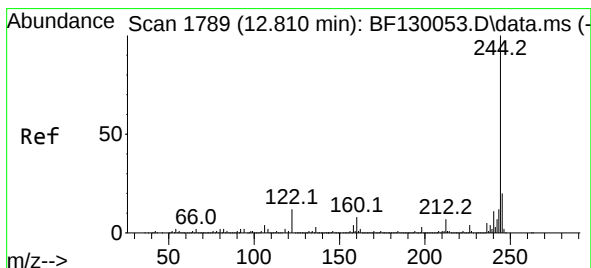
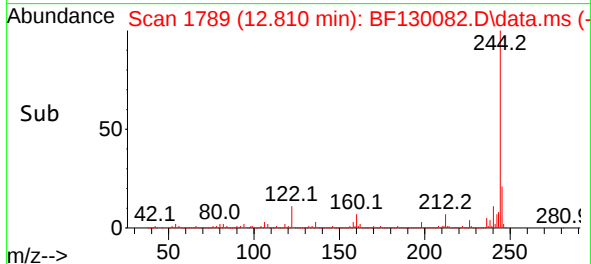
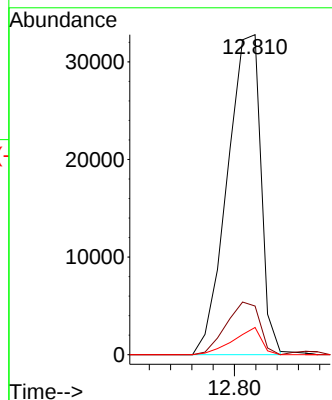
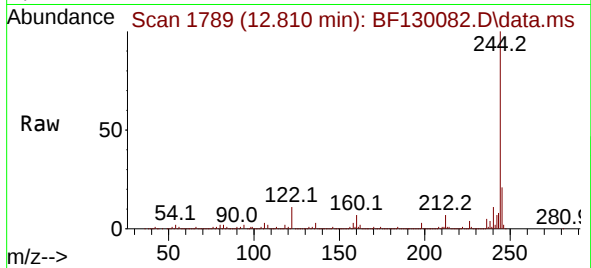




#77
Benzidine
Concen: 2.519 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.253 min
Lab File: BF130082.D
Acq: 01 Sep 2022 17:36

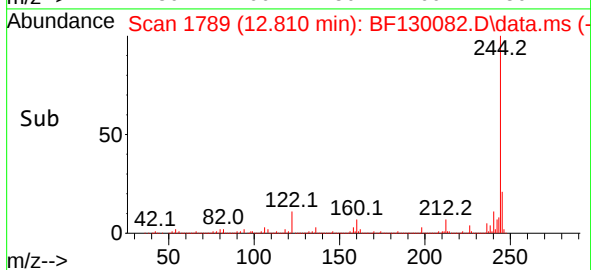
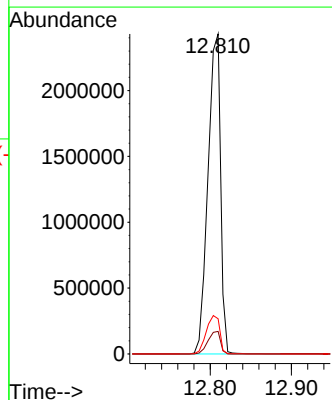
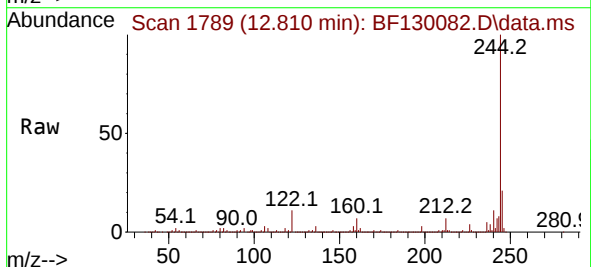
Instrument :
BNA_F
ClientSampleId :
252672-1

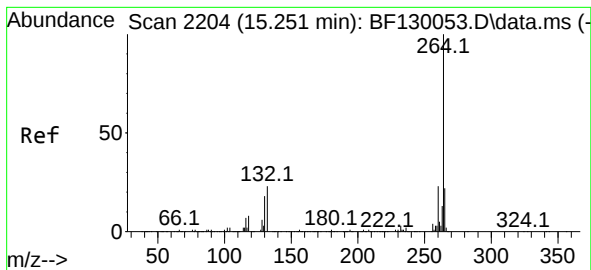
Tgt Ion:184 Resp: 35835
Ion Ratio Lower Upper
184 100
185 15.2 11.4 17.2
183 8.5 9.4 14.2#



#79
Terphenyl-d14
Concen: 85.989 ng
RT: 12.810 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF130082.D
Acq: 01 Sep 2022 17:36

Tgt Ion:244 Resp: 2613160
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 11.0 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.245 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130082.D

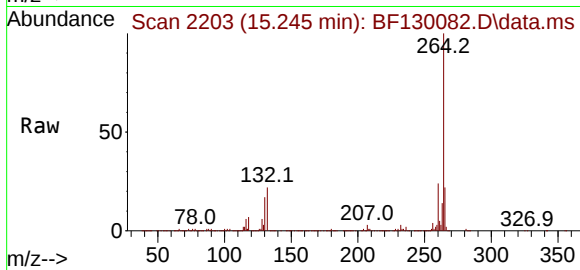
Acq: 01 Sep 2022 17:36

Instrument :

BNA_F

ClientSampleId :

252672-1



Tgt Ion:264 Resp: 443243

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.8 16.7 25.1

