

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130091.D
 Acq On : 01 Sep 2022 22:29
 Operator : CG\JU
 Sample : N4391-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 256317-4

Quant Time: Sep 02 04:05:57 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)

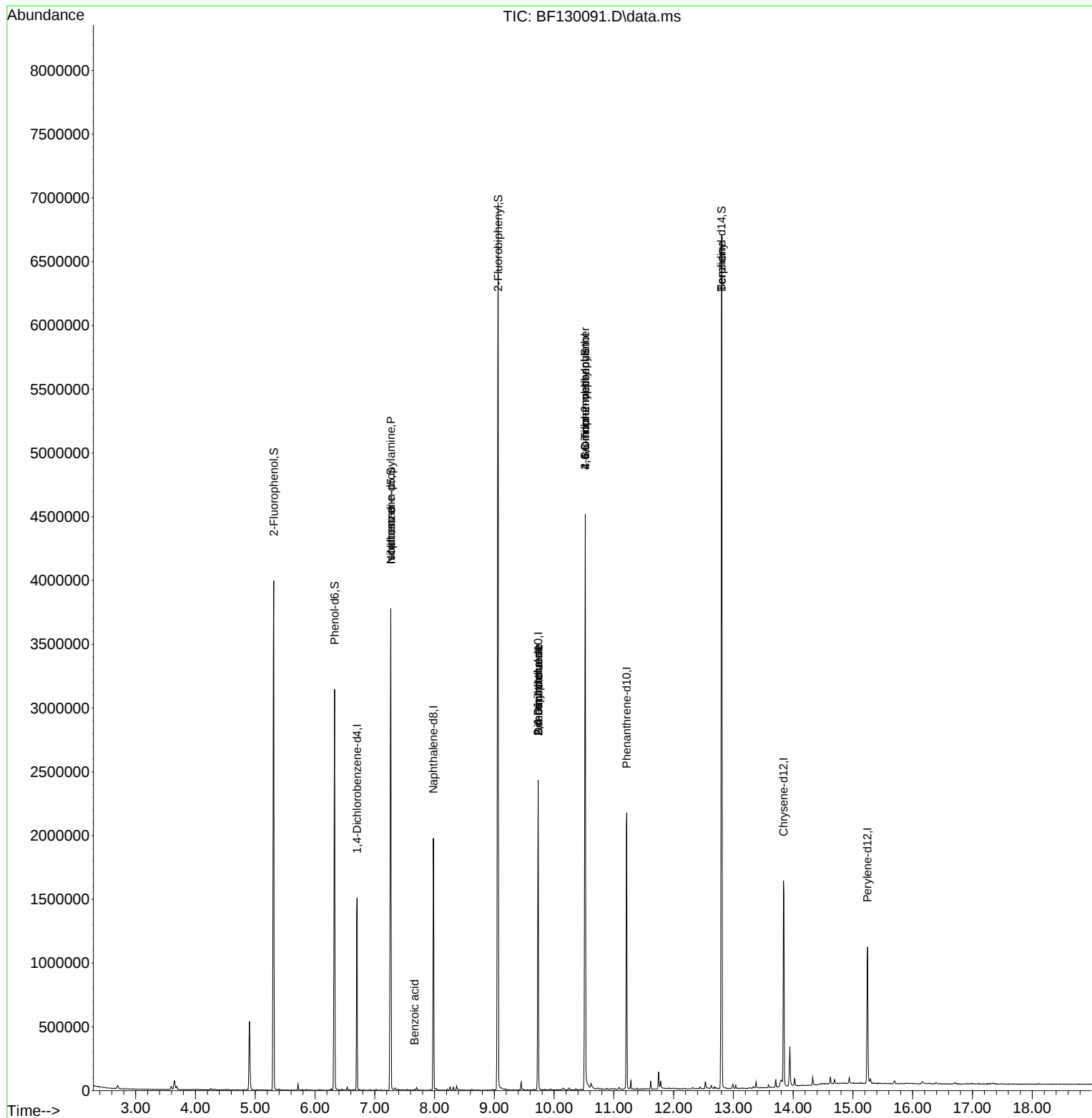
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	228731	20.000	ng	0.00
21) Naphthalene-d8	7.980	136	904062	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	479960	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	794884	20.000	ng	0.00
76) Chrysene-d12	13.839	240	535730	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	435979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1236842	91.799	ng	0.00
7) Phenol-d6	6.328	99	1140866	67.919	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1330408	94.573	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	582893	133.416	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2370444	81.884	ng	0.00
79) Terphenyl-d14	12.804	244	2542874	82.311	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	169708	16.770	ng	# 73
25) Isophorone	7.269	82	1325030	46.537	ng	# 65
32) Benzoic acid	7.663	122	1344	6.691	ng	84
50) Dimethylphthalate	9.733	163	90617	2.772	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	62071	9.739	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	62072	8.459	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1350	6.395	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	35219	3.983	ng	# 1
77) Benzidine	12.804	184	34618	2.393	ng	# 91

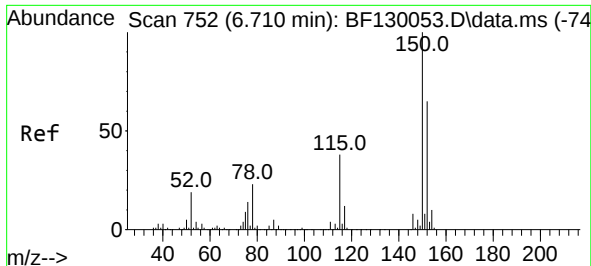
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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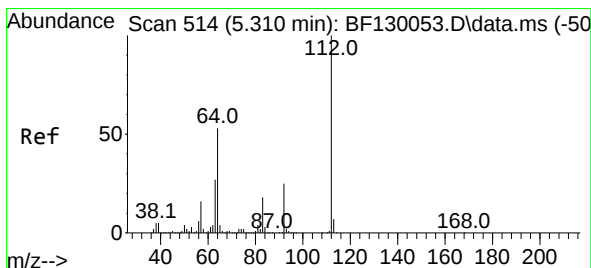
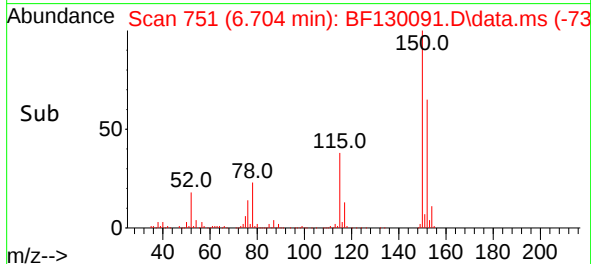
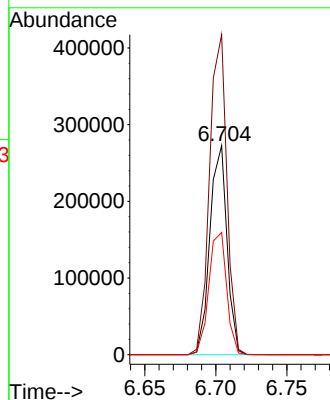
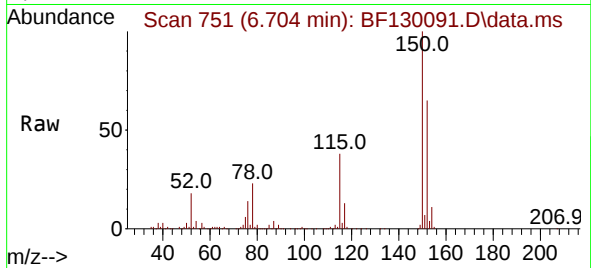




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130091.D
 Acq: 01 Sep 2022 22:29

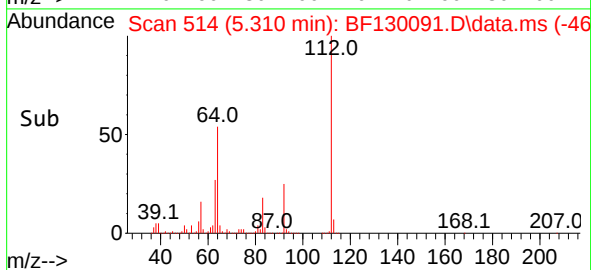
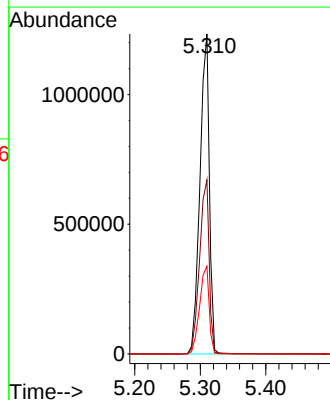
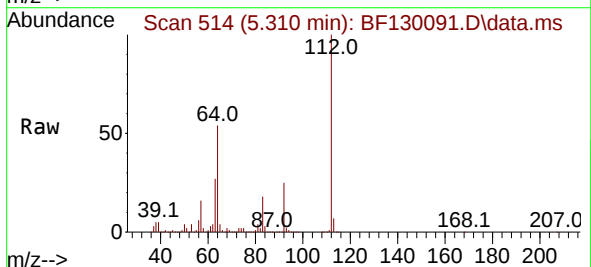
Instrument :
 BNA_F
 ClientSampleId :
 256317-4

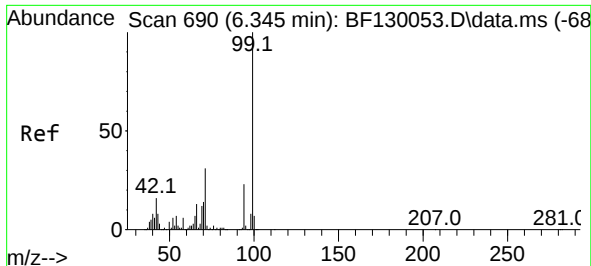
Tgt Ion:152 Resp: 228731
 Ion Ratio Lower Upper
 152 100
 150 153.0 126.9 190.3
 115 58.5 53.4 80.0



#5
 2-Fluorophenol
 Concen: 91.799 ng
 RT: 5.310 min Scan# 514
 Delta R.T. -0.000 min
 Lab File: BF130091.D
 Acq: 01 Sep 2022 22:29

Tgt Ion:112 Resp: 1236842
 Ion Ratio Lower Upper
 112 100
 64 54.4 47.6 71.4
 63 27.4 24.6 37.0

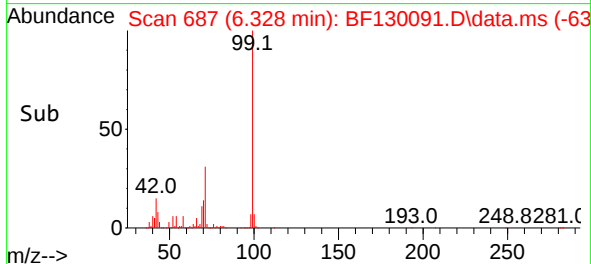
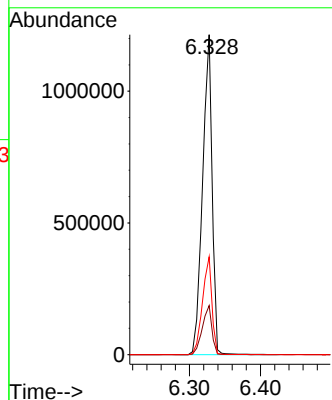
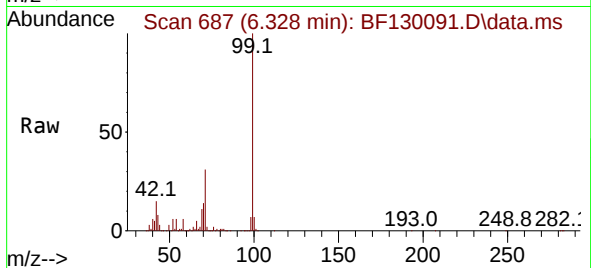




#7
Phenol-d6
Concen: 67.919 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

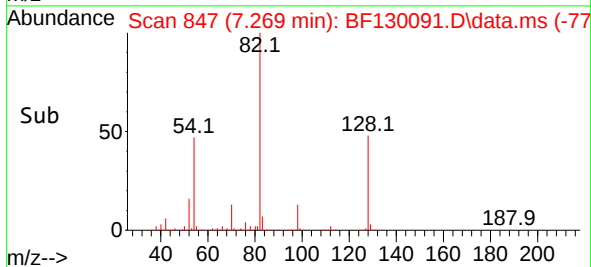
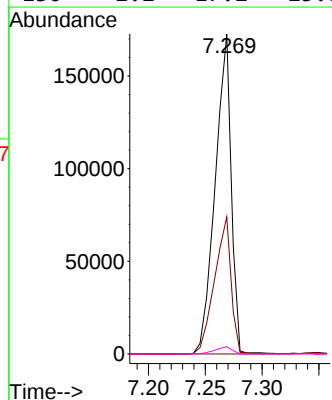
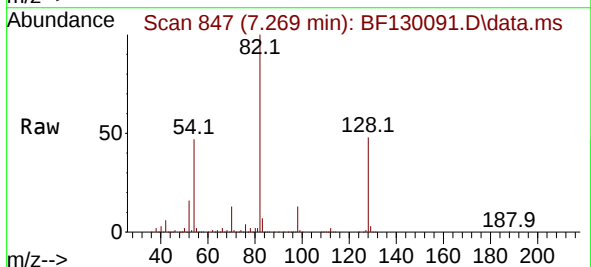
Instrument :
BNA_F
ClientSampleId :
256317-4

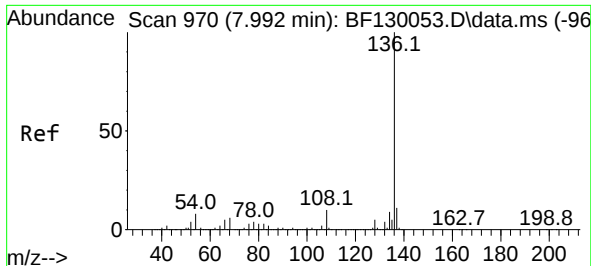
Tgt Ion: 99 Resp: 1140866
Ion Ratio Lower Upper
99 100
42 15.4 15.0 22.4
71 30.6 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.770 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

Tgt Ion: 70 Resp: 169708
Ion Ratio Lower Upper
70 100
42 42.9 47.6 71.4#
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#

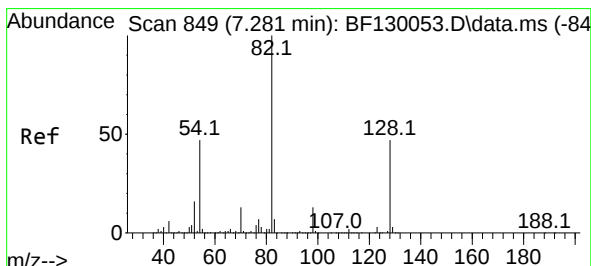
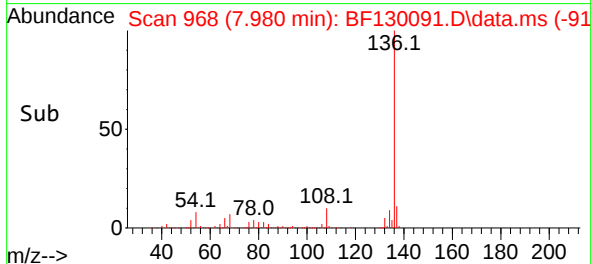
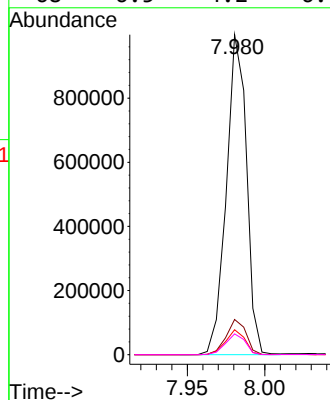
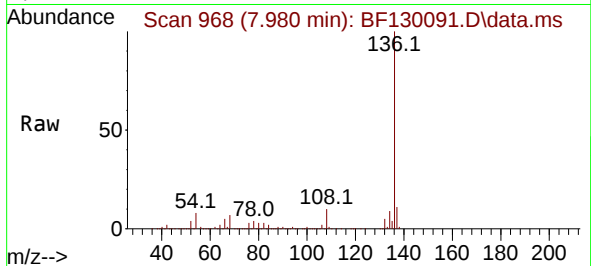




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.980 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

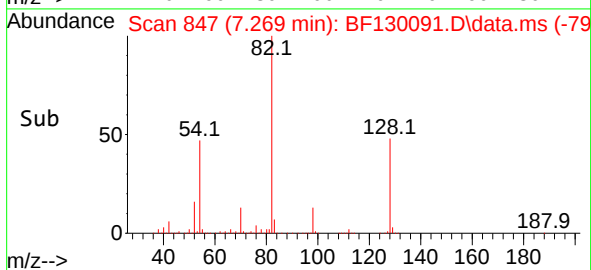
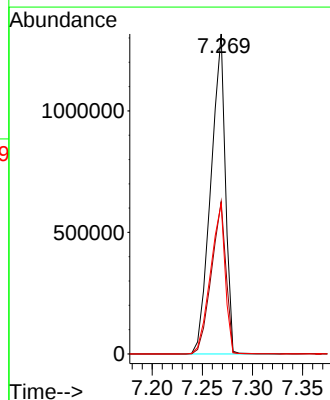
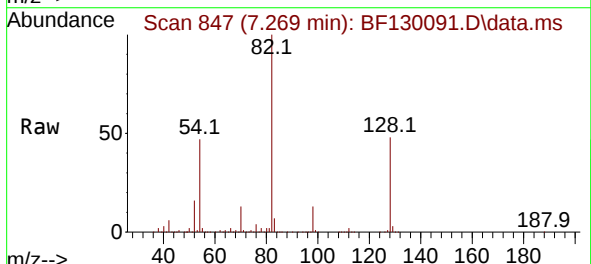
Instrument :
BNA_F
ClientSampleId :
256317-4

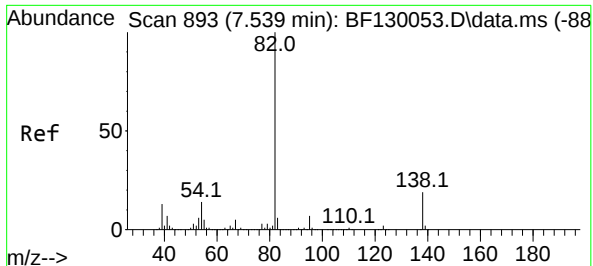
Tgt Ion:136 Resp: 904062
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.8 6.2 9.2
68 6.5 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 94.573 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

Tgt Ion: 82 Resp: 1330408
Ion Ratio Lower Upper
82 100
128 47.6 36.1 54.1
54 46.9 40.0 60.0

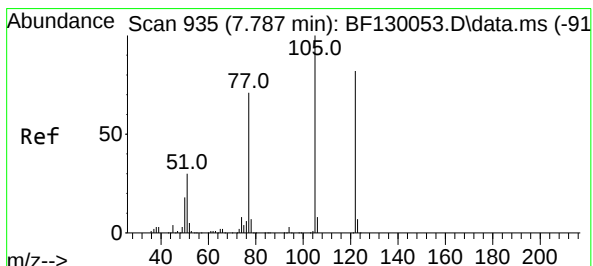
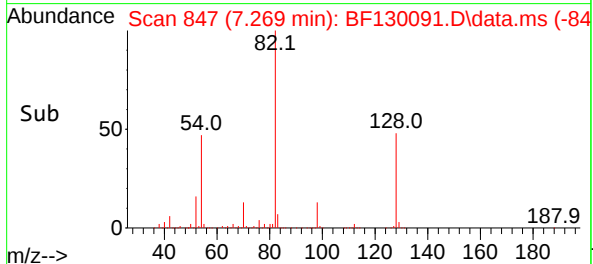
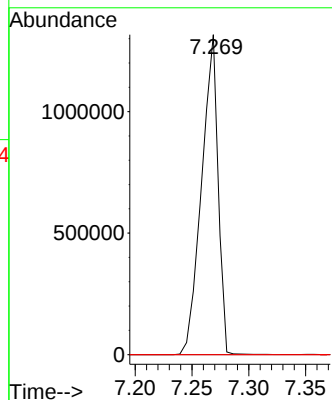
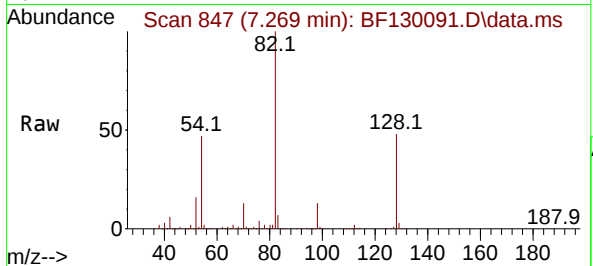




#25
Isophorone
Concen: 46.537 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

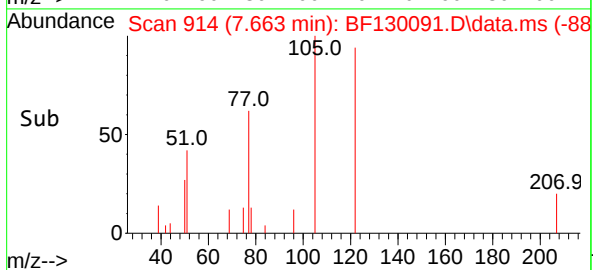
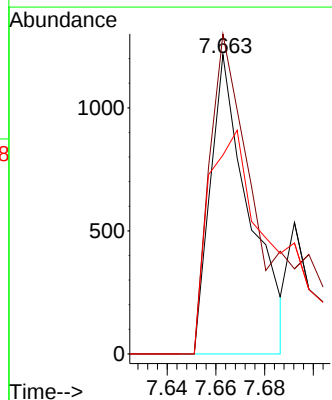
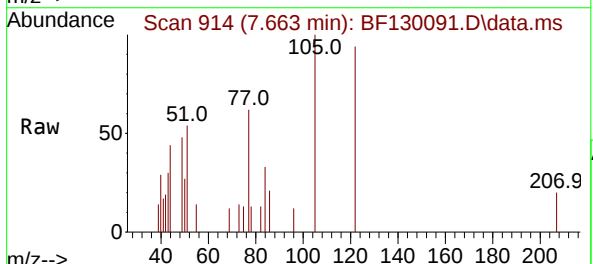
Instrument :
BNA_F
ClientSampleId :
256317-4

Tgt Ion: 82 Resp: 1325030
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.691 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.124 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

Tgt Ion:122 Resp: 1344
Ion Ratio Lower Upper
122 100
105 106.9 99.9 139.9
77 66.4 65.9 105.9

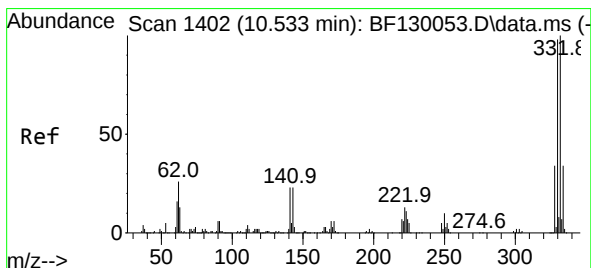
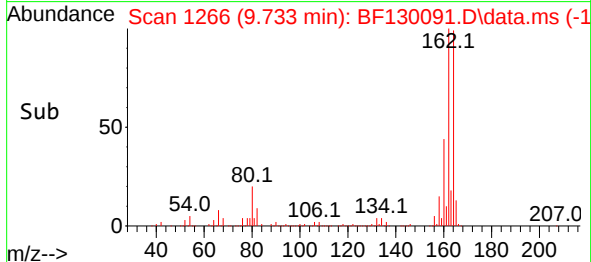
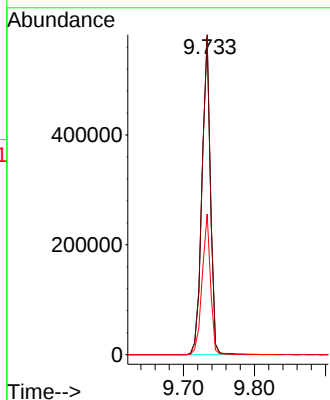
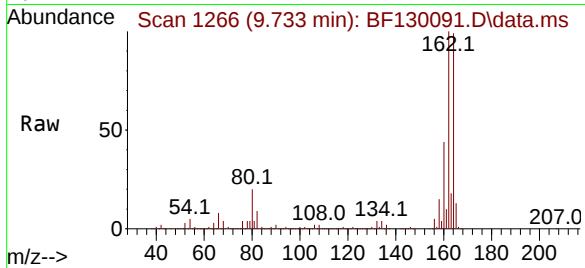




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

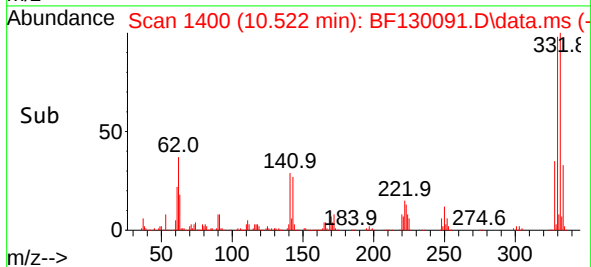
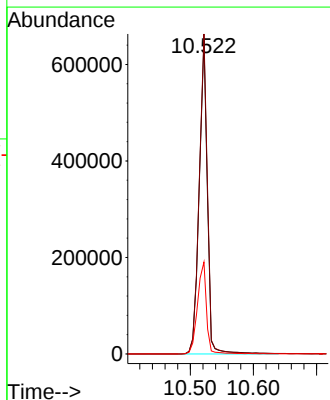
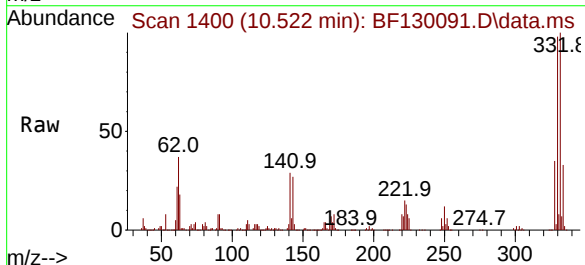
Instrument :
BNA_F
ClientSampleId :
256317-4

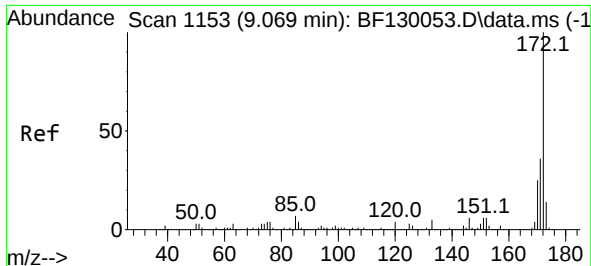
Tgt Ion:164 Resp: 479960
Ion Ratio Lower Upper
164 100
162 100.9 82.0 123.0
160 44.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 133.416 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

Tgt Ion:330 Resp: 582893
Ion Ratio Lower Upper
330 100
332 103.3 82.6 124.0
141 32.3 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 81.884 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130091.D

Acq: 01 Sep 2022 22:29

Instrument :

BNA_F

ClientSampleId :

256317-4

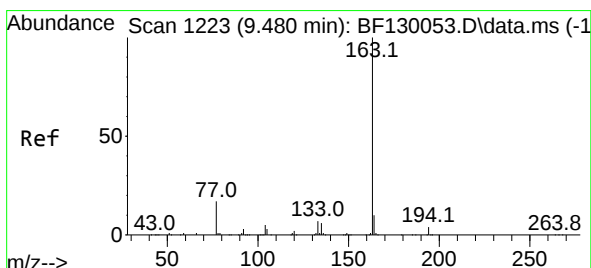
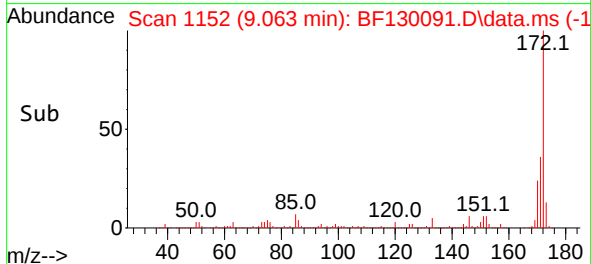
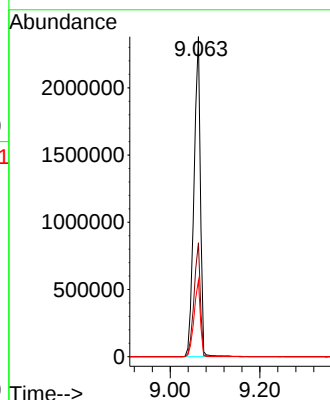
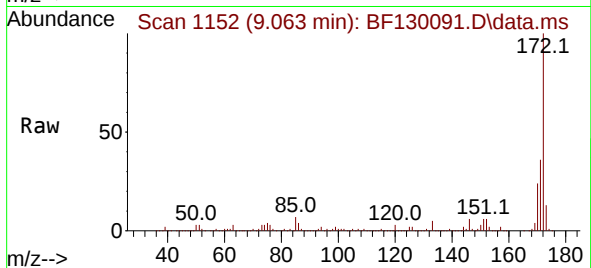
Tgt Ion:172 Resp: 2370444

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.9 19.1 28.7



#50

Dimethylphthalate

Concen: 2.772 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130091.D

Acq: 01 Sep 2022 22:29

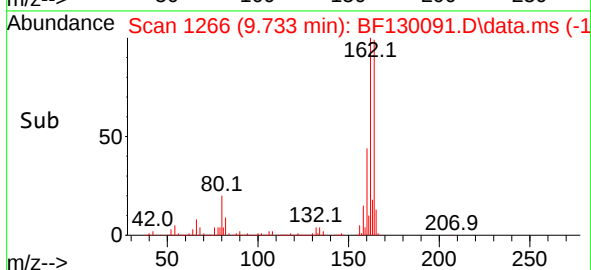
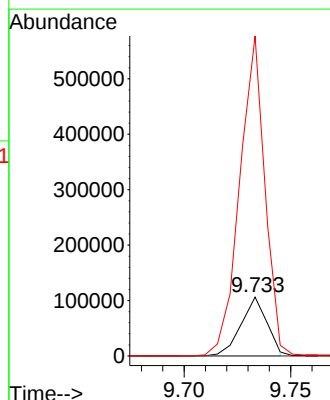
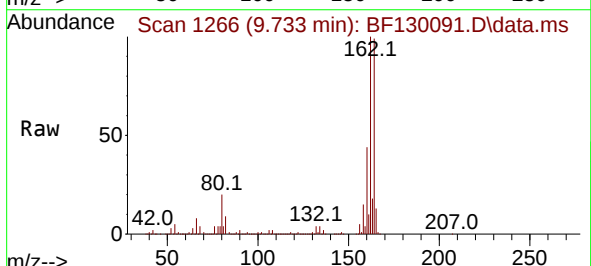
Tgt Ion:163 Resp: 90617

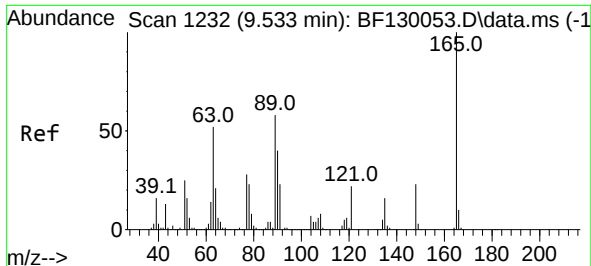
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 543.1 8.2 12.2#

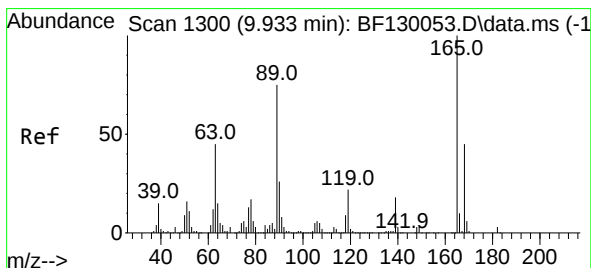
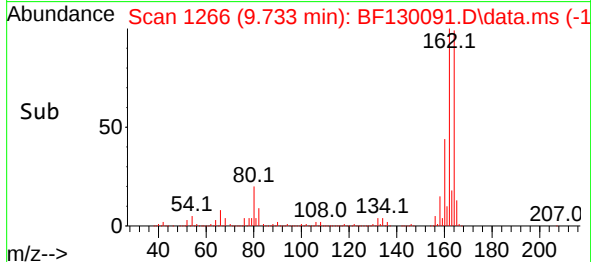
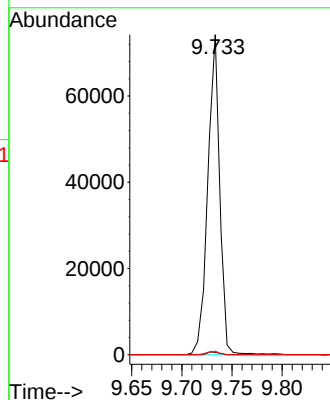
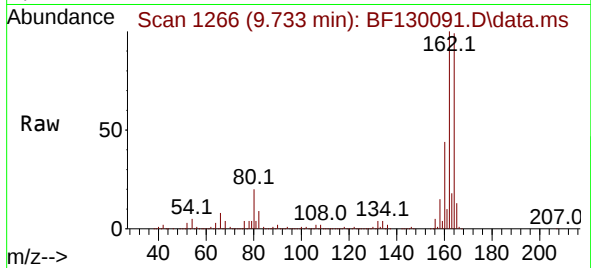




#51
 2,6-Dinitrotoluene
 Concen: 9.739 ng
 RT: 9.733 min Scan# 1266
 Delta R.T. 0.200 min
 Lab File: BF130091.D
 Acq: 01 Sep 2022 22:29

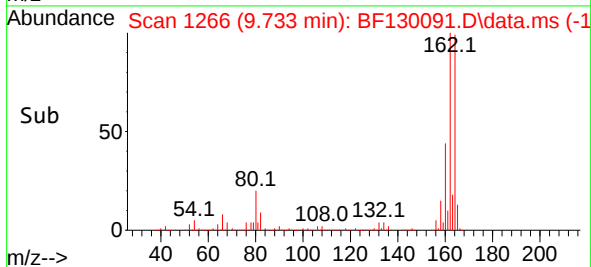
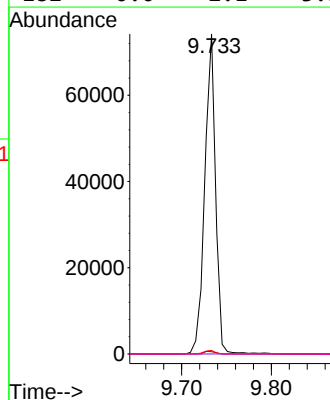
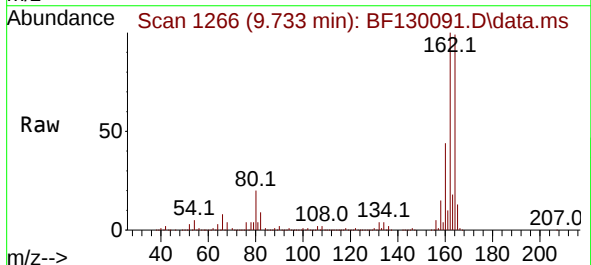
Instrument :
 BNA_F
 ClientSampleId :
 256317-4

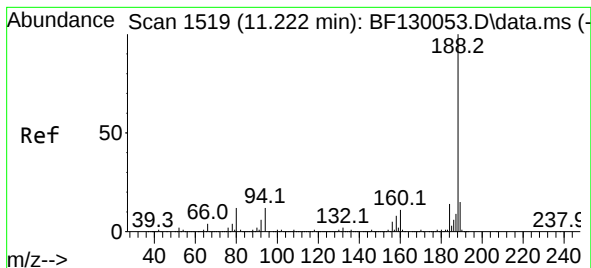
Tgt Ion:165 Resp: 62071
 Ion Ratio Lower Upper
 165 100
 63 0.7 47.8 71.8#
 89 1.1 47.2 70.8#



#57
 2,4-Dinitrotoluene
 Concen: 8.459 ng
 RT: 9.733 min Scan# 1266
 Delta R.T. -0.200 min
 Lab File: BF130091.D
 Acq: 01 Sep 2022 22:29

Tgt Ion:165 Resp: 62072
 Ion Ratio Lower Upper
 165 100
 63 0.7 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: 11.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130091.D

Acq: 01 Sep 2022 22:29

Instrument :

BNA_F

ClientSampleId :

256317-4

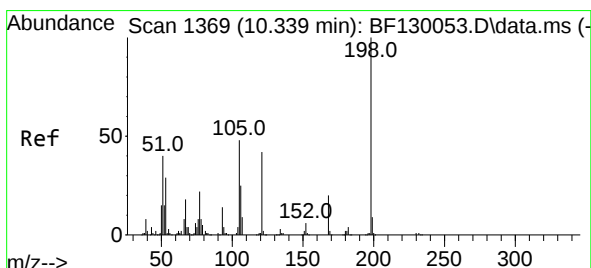
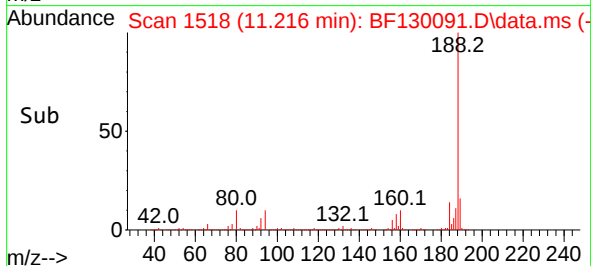
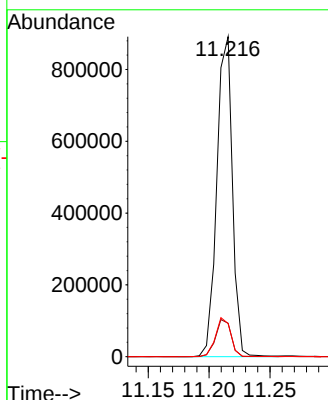
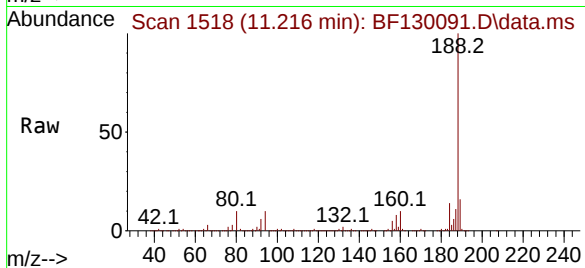
Tgt Ion:188 Resp: 794884

Ion Ratio Lower Upper

188 100

94 10.5 7.4 11.2

80 10.4 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.395 ng

RT: 10.522 min Scan# 1400

Delta R.T. 0.182 min

Lab File: BF130091.D

Acq: 01 Sep 2022 22:29

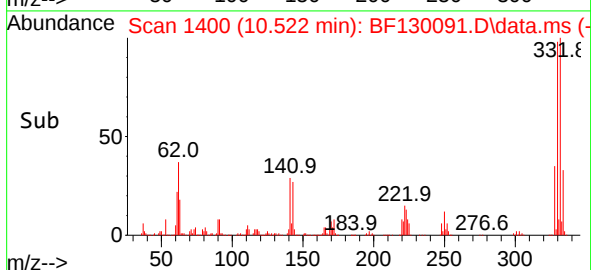
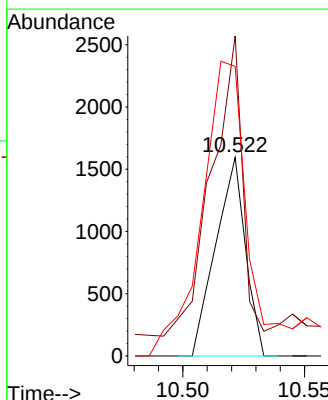
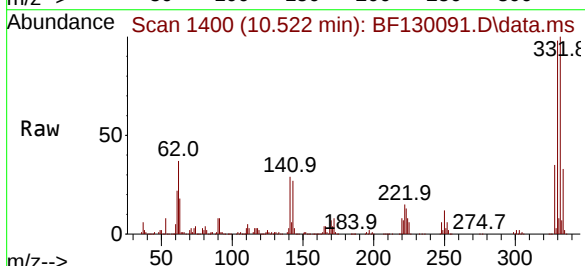
Tgt Ion:198 Resp: 1350

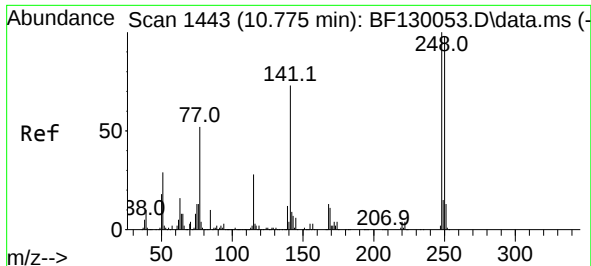
Ion Ratio Lower Upper

198 100

51 161.1 29.4 69.4#

105 145.8 29.2 69.2#

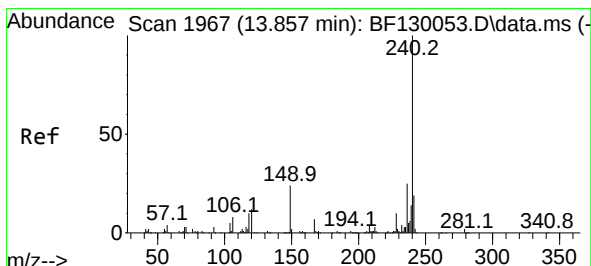
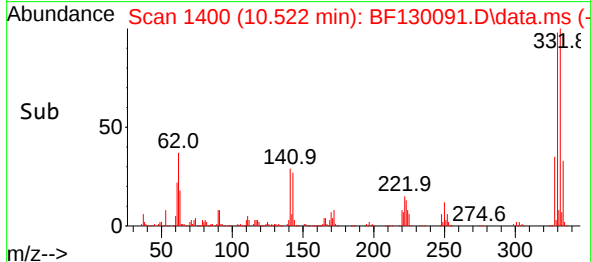
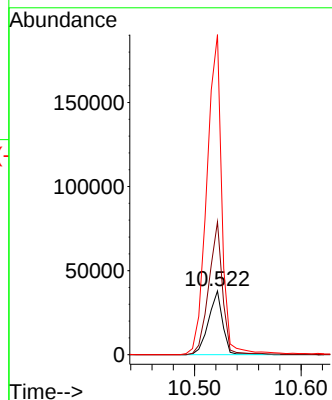
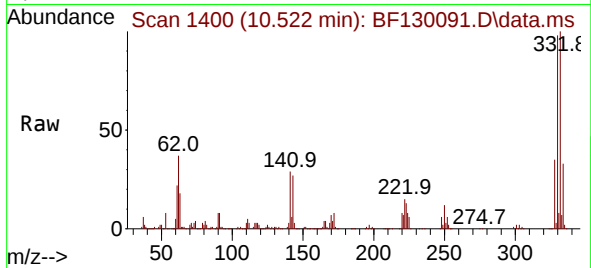




#67
4-Bromophenyl-phenylether
Concen: 3.983 ng
RT: 10.522 min Scan# 1443
Delta R.T. -0.253 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

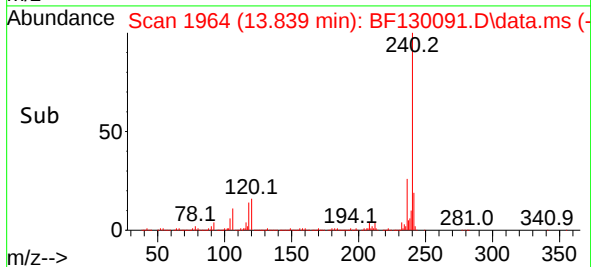
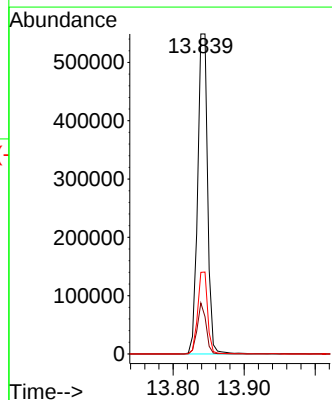
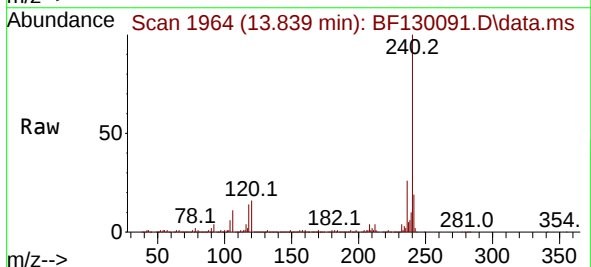
Instrument :
BNA_F
ClientSampleId :
256317-4

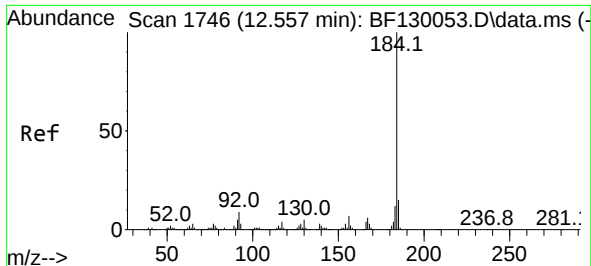
Tgt Ion:248 Resp: 35219
Ion Ratio Lower Upper
248 100
250 208.5 77.8 116.6#
141 502.3 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

Tgt Ion:240 Resp: 535730
Ion Ratio Lower Upper
240 100
120 16.0 9.2 13.8#
236 25.5 20.7 31.1

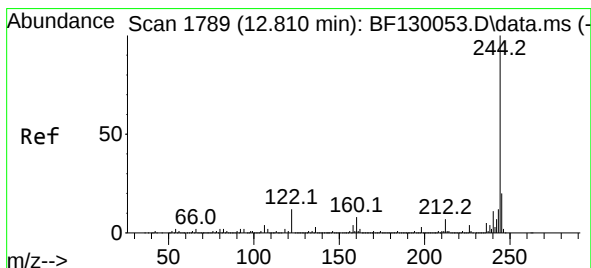
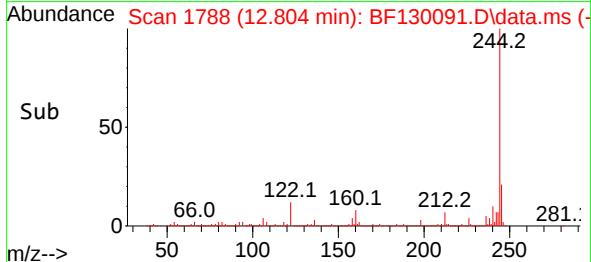
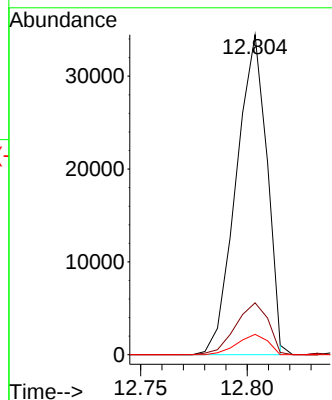
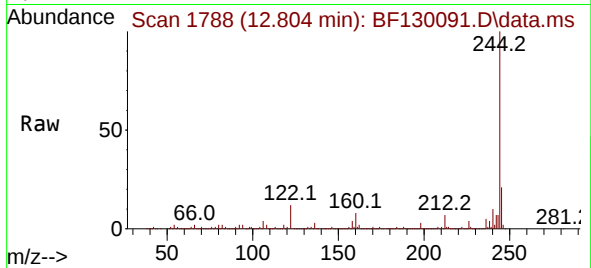




#77
Benzidine
Concen: 2.393 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

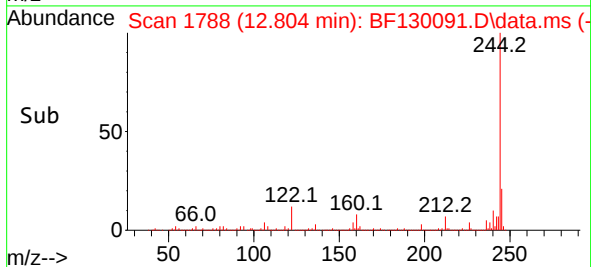
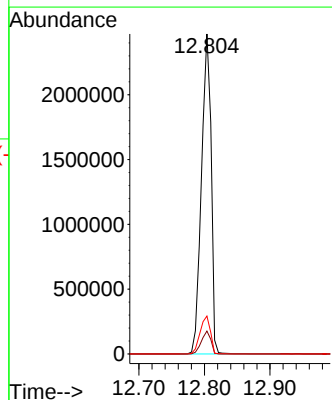
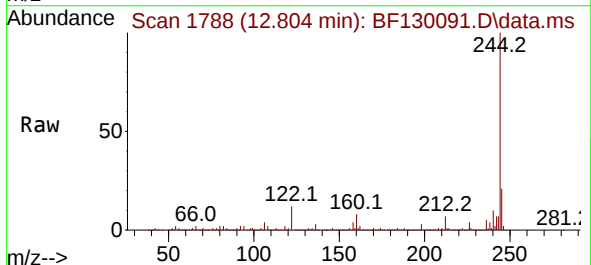
Instrument :
BNA_F
ClientSampleId :
256317-4

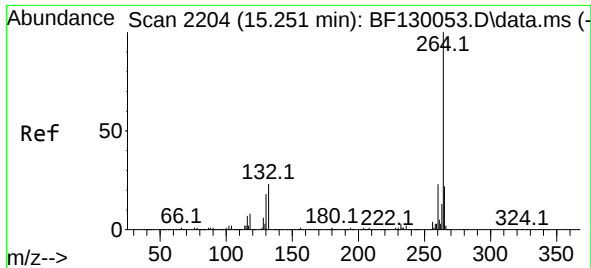
Tgt Ion:184 Resp: 34618
Ion Ratio Lower Upper
184 100
185 16.2 11.4 17.2
183 6.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 82.311 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130091.D
Acq: 01 Sep 2022 22:29

Tgt Ion:244 Resp: 2542874
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 11.8 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: BF130091.D
 Acq: 01 Sep 2022 22:29

Instrument :
 BNA_F
 ClientSampleId :
 256317-4

Tgt Ion:264 Resp: 435979
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.1 16.7 25.1

