

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130086.D
 Acq On : 01 Sep 2022 19:47
 Operator : CG\JU
 Sample : N4387-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 251563-1

Quant Time: Sep 02 04:03:30 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)

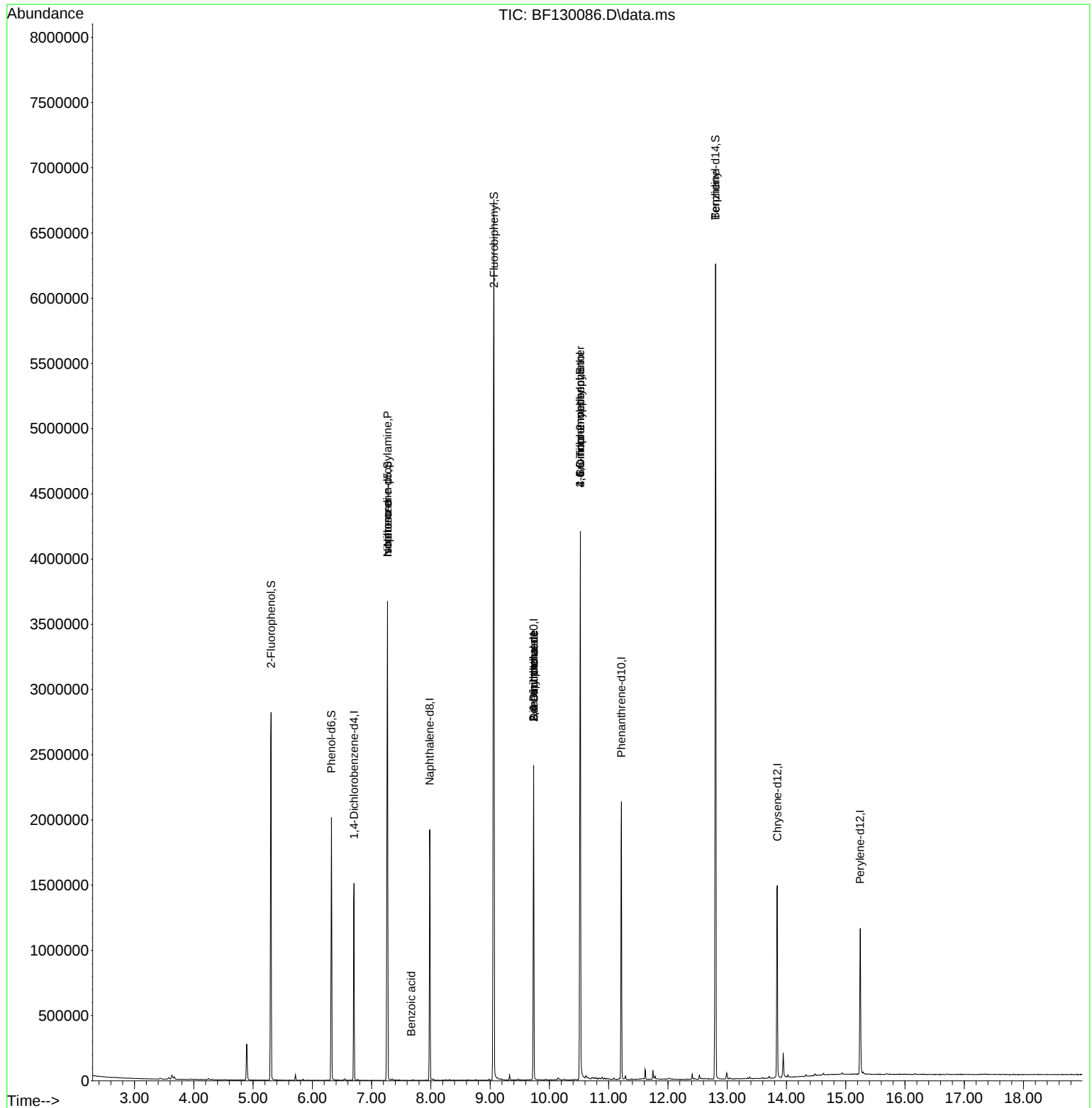
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	228975	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	895157	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	469313	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	756737	20.000	ng	0.00
76) Chrysene-d12	13.845	240	499442	20.000	ng	-0.01
86) Perylene-d12	15.245	264	436818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	857016	63.540	ng	0.00
7) Phenol-d6	6.322	99	660536	39.282	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1298713	93.239	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	538849	126.133	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2303307	81.370	ng	0.00
79) Terphenyl-d14	12.804	244	2312649	80.298	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	165814	16.368	ng	# 73
25) Isophorone	7.269	82	1294383	45.913	ng	# 65
32) Benzoic acid	7.669	122	114	6.582	ng	# 70
50) Dimethylphthalate	9.733	163	87295	2.731	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	59534	9.552	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	59534	8.297	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1089	6.347	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	31494	3.742	ng	# 1
77) Benzidine	12.804	184	32331	2.398	ng	# 91

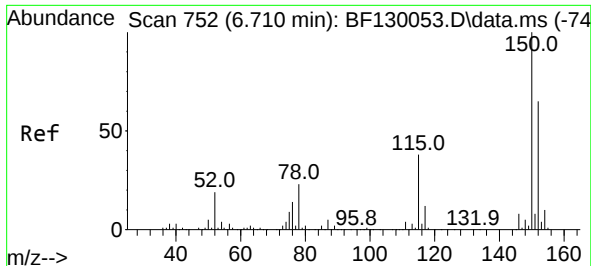
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
Data File : BF130086.D
Acq On : 01 Sep 2022 19:47
Operator : CG\JU
Sample : N4387-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
251563-1

Quant Time: Sep 02 04:03:30 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

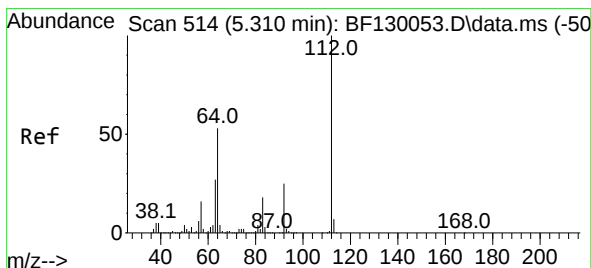
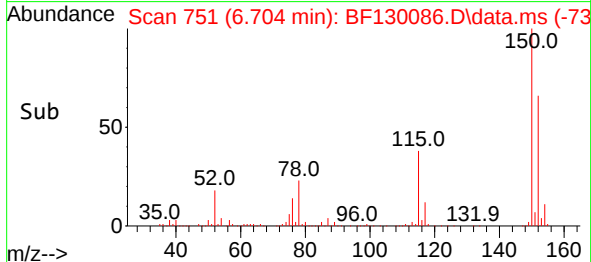
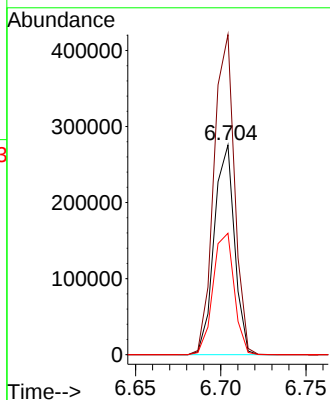
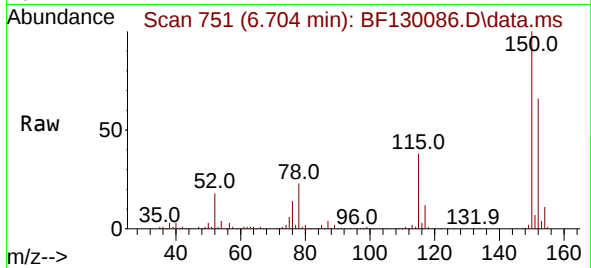




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130086.D
 Acq: 01 Sep 2022 19:47

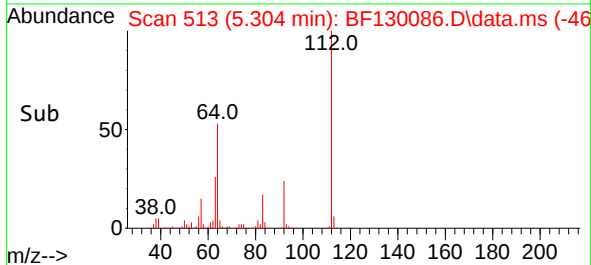
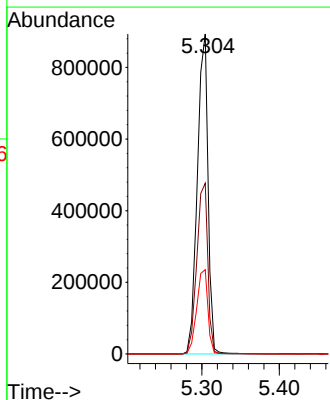
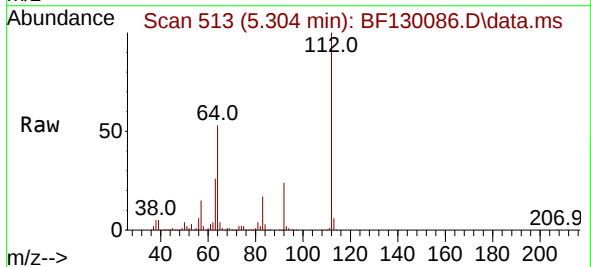
Instrument :
 BNA_F
 ClientSampleId :
 251563-1

Tgt Ion:152 Resp: 228975
 Ion Ratio Lower Upper
 152 100
 150 152.6 126.9 190.3
 115 57.9 53.4 80.0



#5
 2-Fluorophenol
 Concen: 63.540 ng
 RT: 5.304 min Scan# 513
 Delta R.T. -0.006 min
 Lab File: BF130086.D
 Acq: 01 Sep 2022 19:47

Tgt Ion:112 Resp: 857016
 Ion Ratio Lower Upper
 112 100
 64 53.4 47.6 71.4
 63 26.4 24.6 37.0

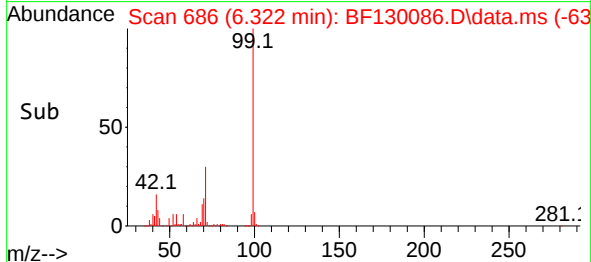
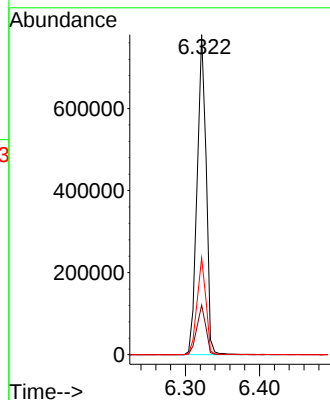
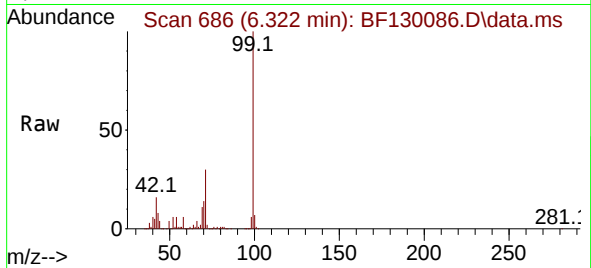




#7
Phenol-d6
Concen: 39.282 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.024 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

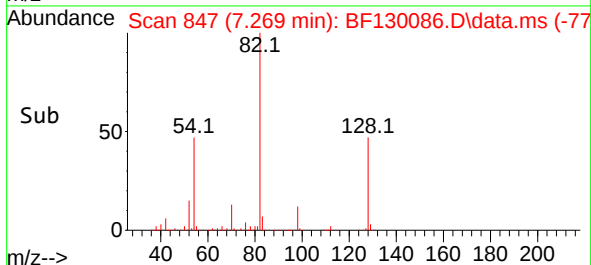
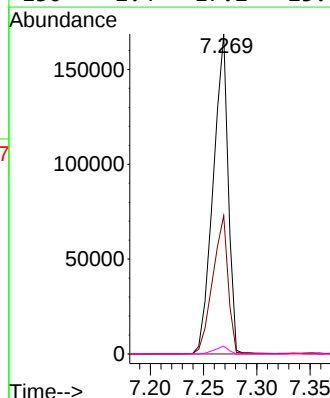
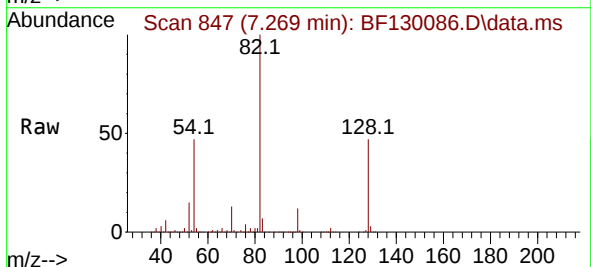
Instrument :
BNA_F
ClientSampleId :
251563-1

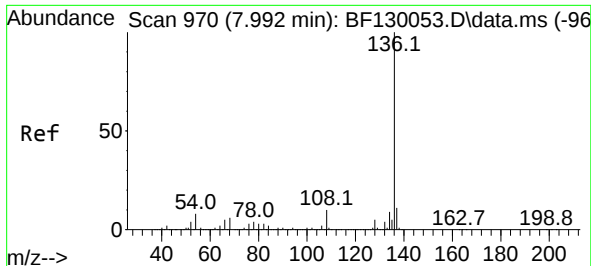
Tgt Ion: 99 Resp: 660536
Ion Ratio Lower Upper
99 100
42 15.5 15.0 22.4
71 30.2 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.368 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

Tgt Ion: 70 Resp: 165814
Ion Ratio Lower Upper
70 100
42 43.2 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#

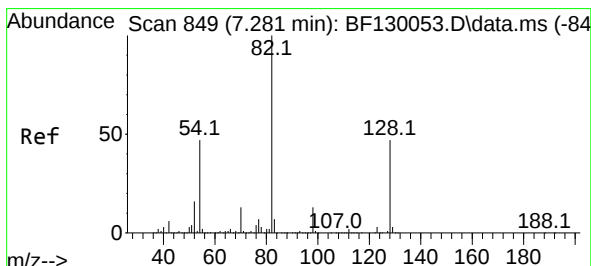
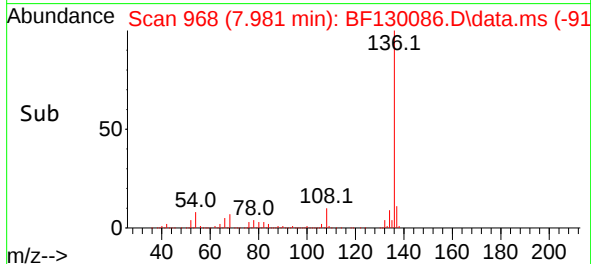
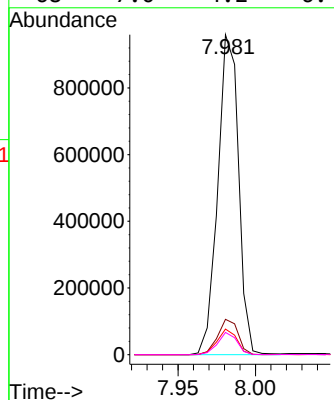
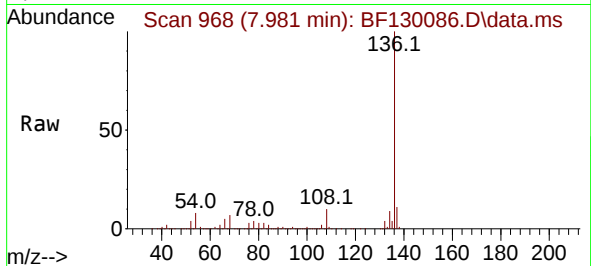




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

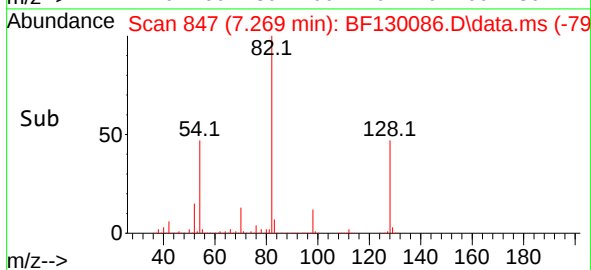
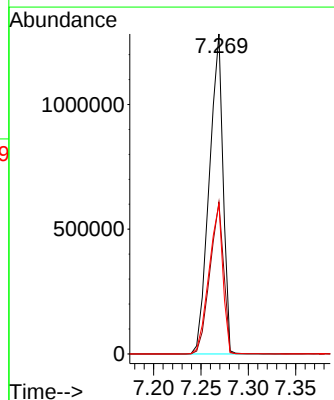
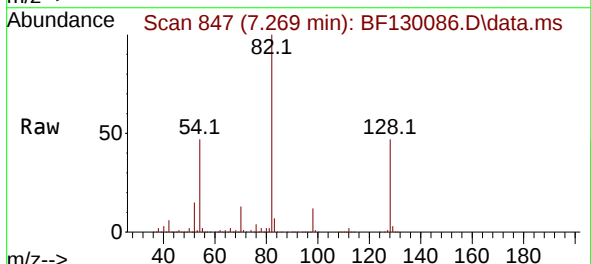
Instrument :
BNA_F
ClientSampleId :
251563-1

Tgt Ion:136 Resp: 895157
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.0 6.2 9.2
68 7.0 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 93.239 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

Tgt Ion: 82 Resp: 1298713
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 46.9 40.0 60.0

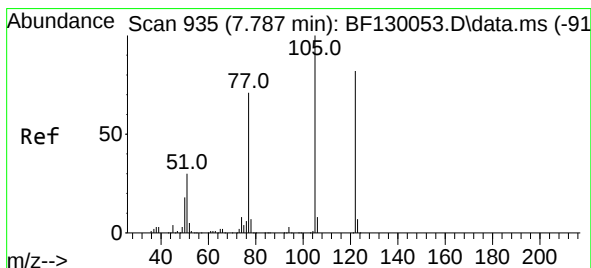
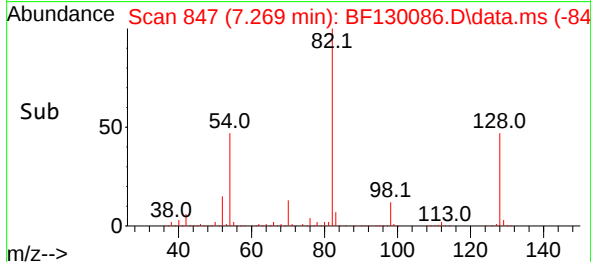
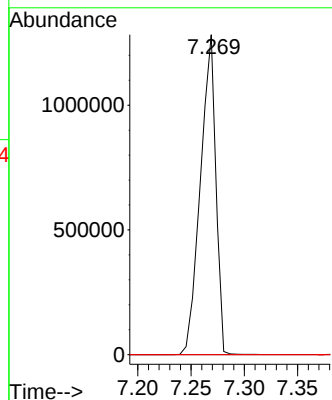
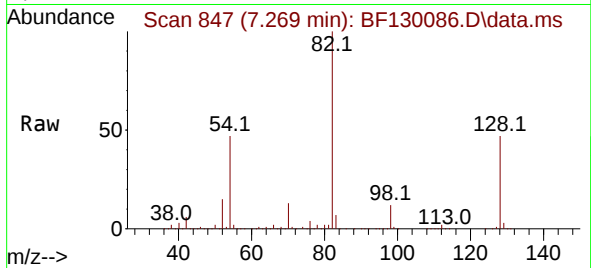




#25
Isophorone
Concen: 45.913 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

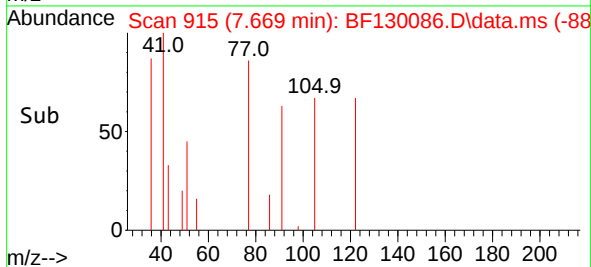
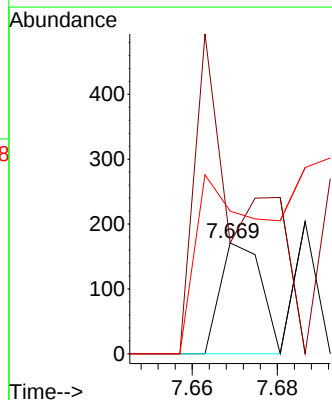
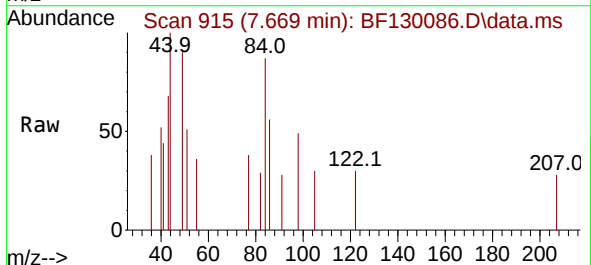
Instrument :
BNA_F
ClientSampleId :
251563-1

Tgt Ion: 82 Resp: 1294383
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.582 ng
RT: 7.669 min Scan# 915
Delta R.T. -0.118 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

Tgt Ion:122 Resp: 114
Ion Ratio Lower Upper
122 100
105 100.0 99.9 139.9
77 128.7 65.9 105.9#

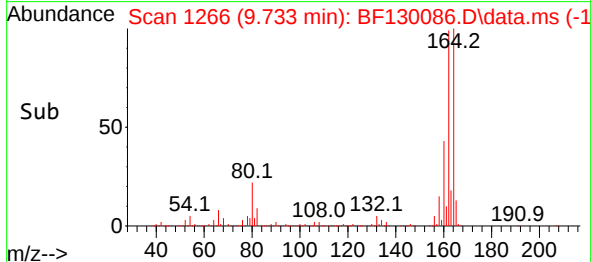
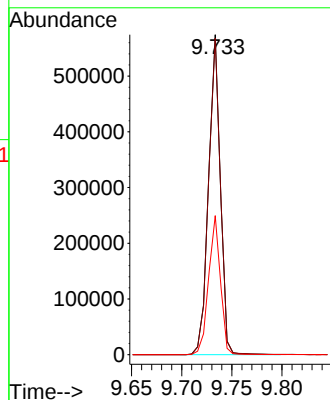
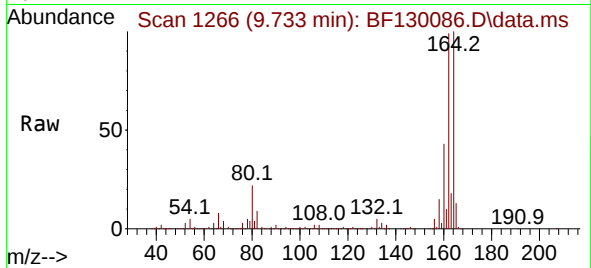




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

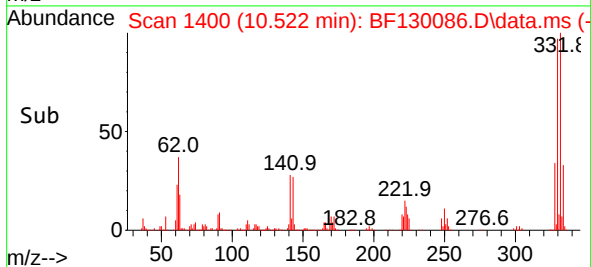
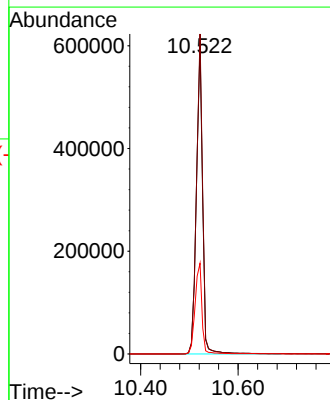
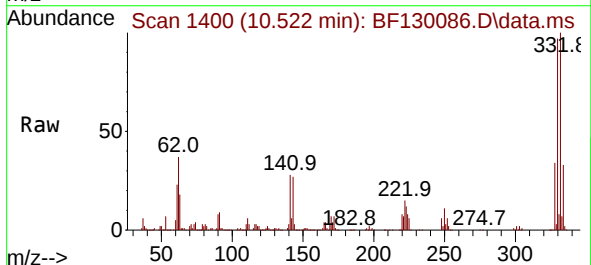
Instrument :
BNA_F
ClientSampleId :
251563-1

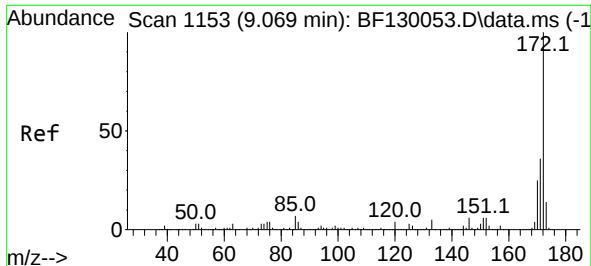
Tgt Ion:164 Resp: 469313
Ion Ratio Lower Upper
164 100
162 98.9 82.0 123.0
160 43.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 126.133 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

Tgt Ion:330 Resp: 538849
Ion Ratio Lower Upper
330 100
332 102.5 82.6 124.0
141 32.3 27.6 41.4

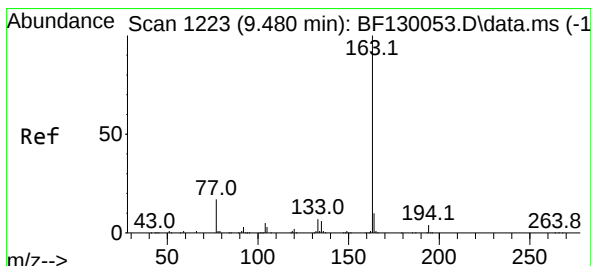
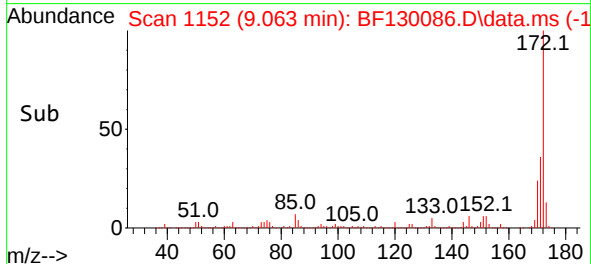
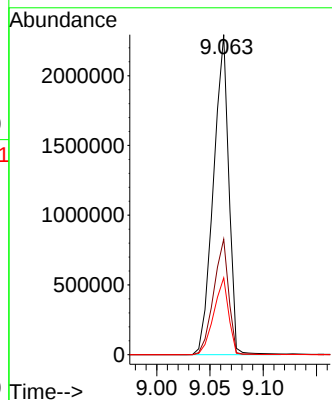
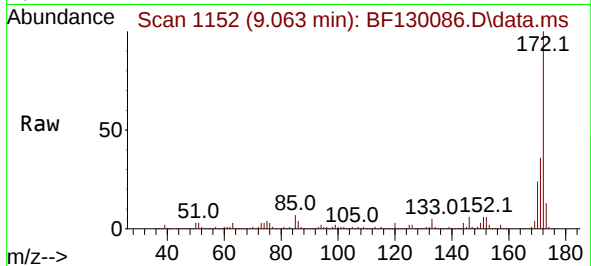




#45
2-Fluorobiphenyl
Concen: 81.370 ng
RT: 9.063 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

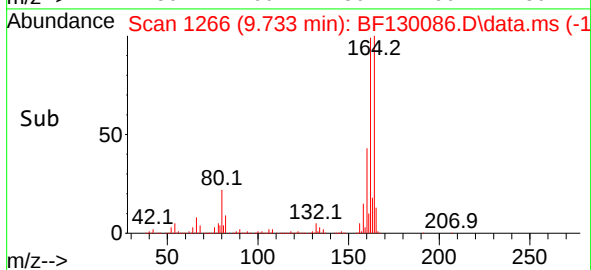
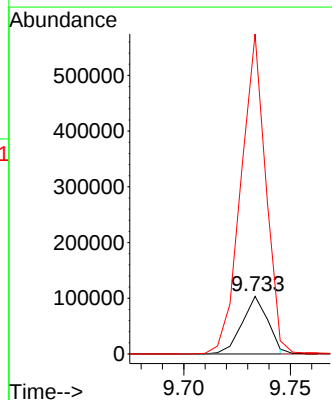
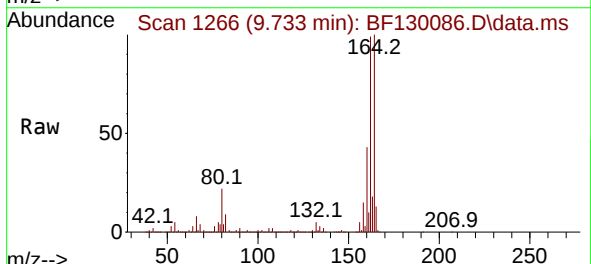
Instrument :
BNA_F
ClientSampleId :
251563-1

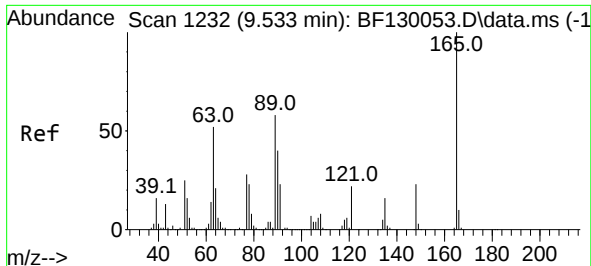
Tgt Ion:172 Resp: 2303307
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.0 19.1 28.7



#50
Dimethylphthalate
Concen: 2.731 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.253 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

Tgt Ion:163 Resp: 87295
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 555.2 8.2 12.2#

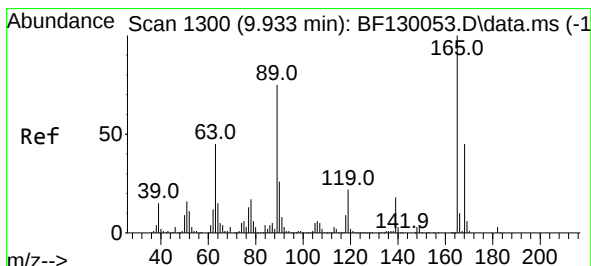
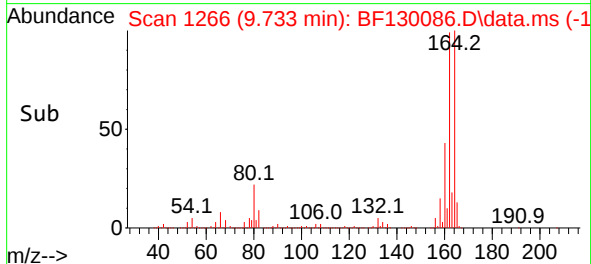
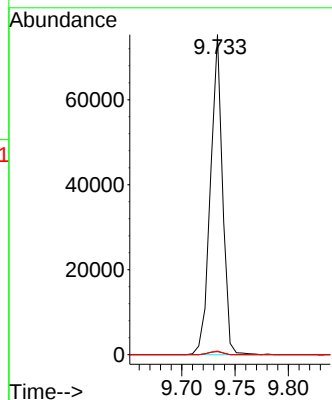
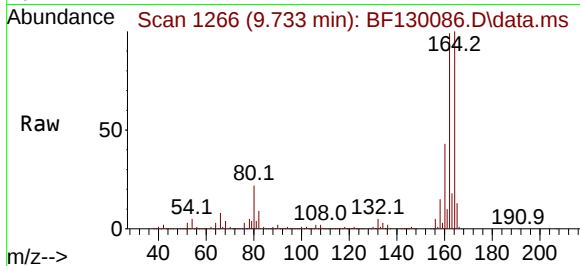




#51
2,6-Dinitrotoluene
Concen: 9.552 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.200 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

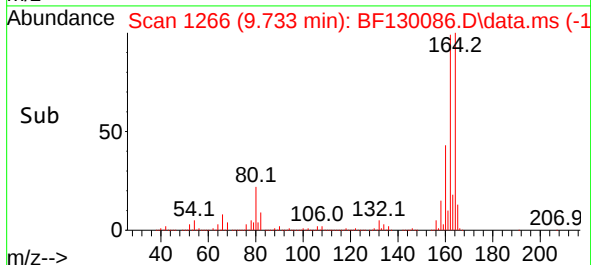
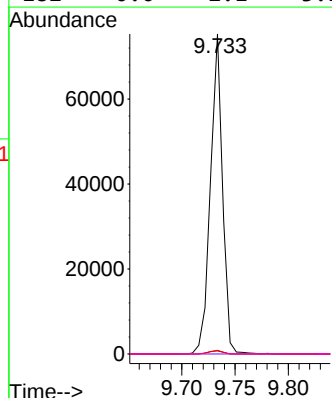
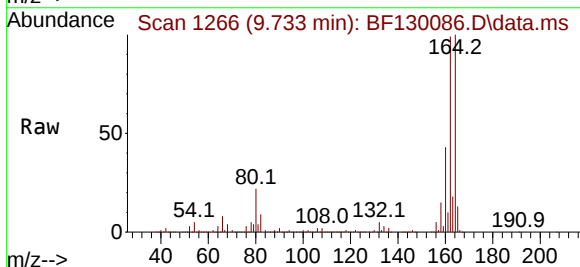
Instrument :
BNA_F
ClientSampleId :
251563-1

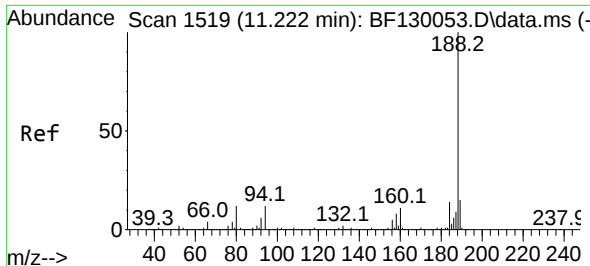
Tgt Ion:165 Resp: 59534
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.1 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.297 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.200 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

Tgt Ion:165 Resp: 59534
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#

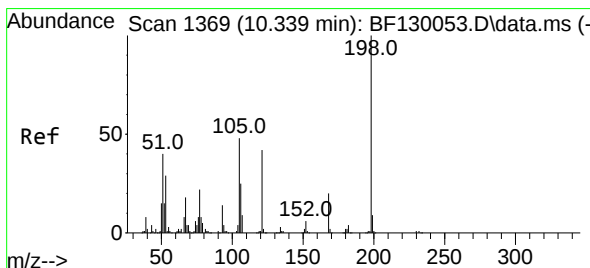
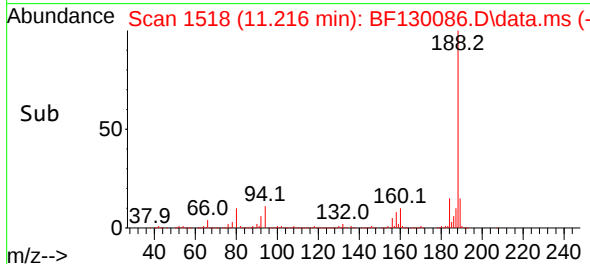
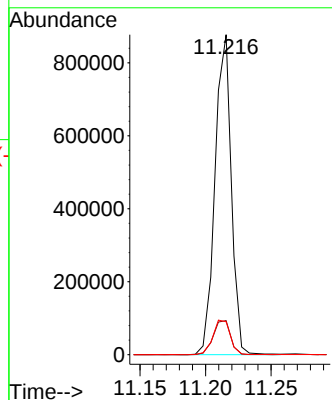
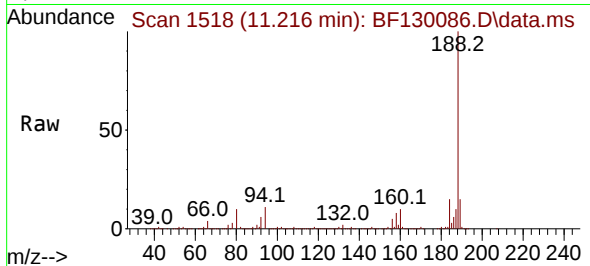




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

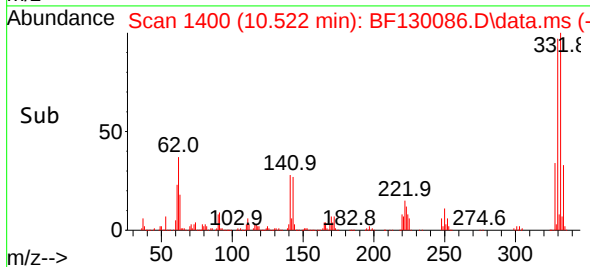
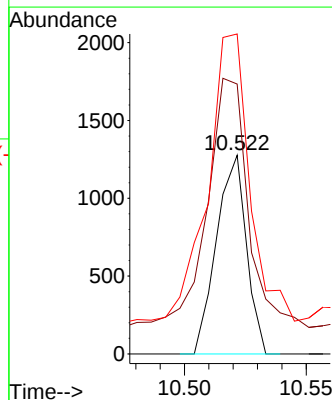
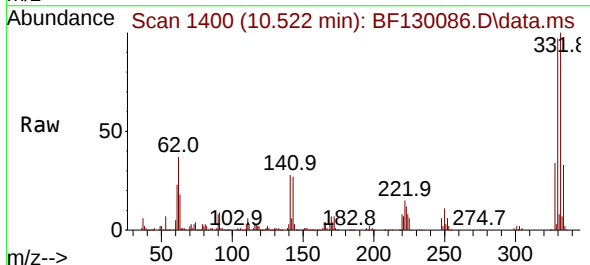
Instrument :
BNA_F
ClientSampleId :
251563-1

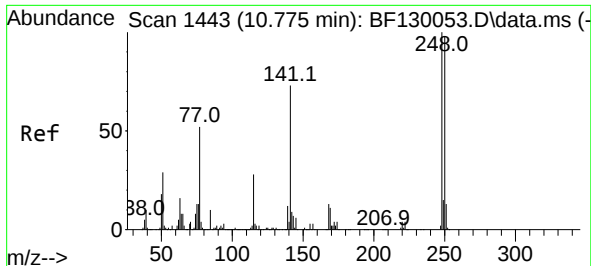
Tgt Ion:188 Resp: 756737
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 10.3 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.347 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.183 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

Tgt Ion:198 Resp: 1089
Ion Ratio Lower Upper
198 100
51 135.8 29.4 69.4#
105 161.0 29.2 69.2#

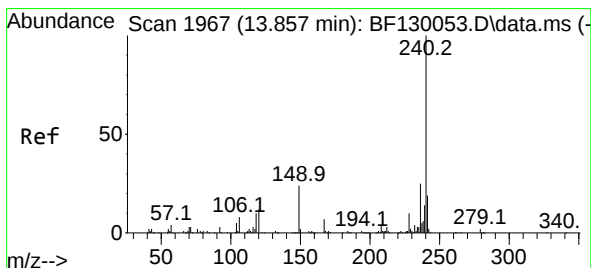
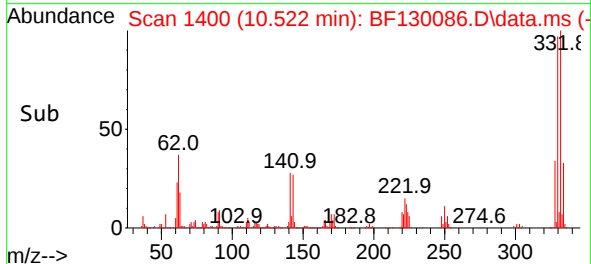
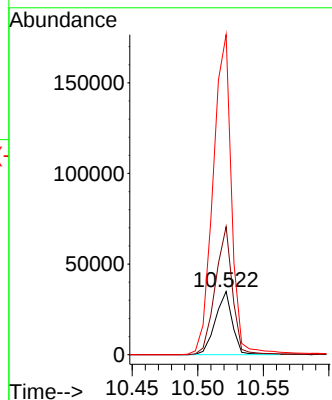
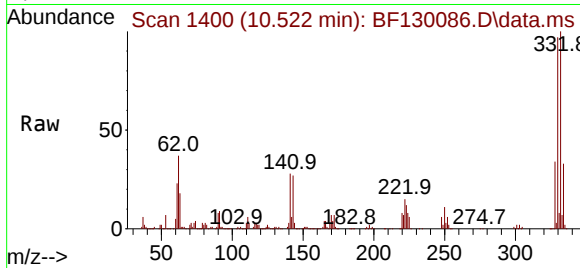




#67
4-Bromophenyl-phenylether
Concen: 3.742 ng
RT: 10.522 min Scan# 1443
Delta R.T. -0.253 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

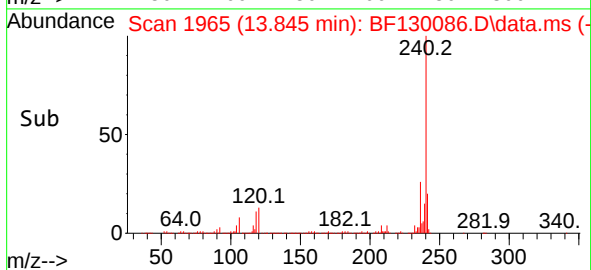
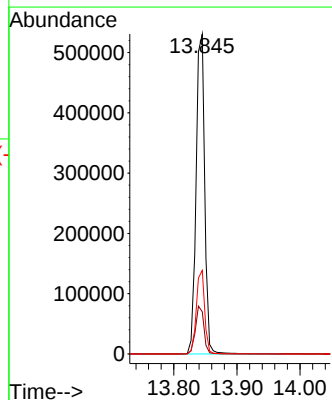
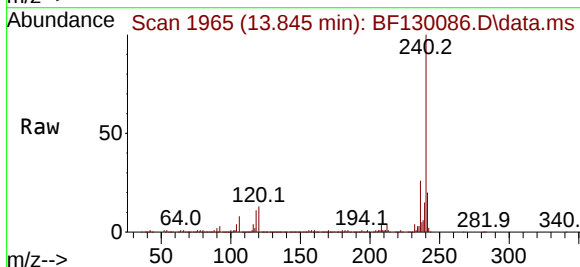
Instrument :
BNA_F
ClientSampleId :
251563-1

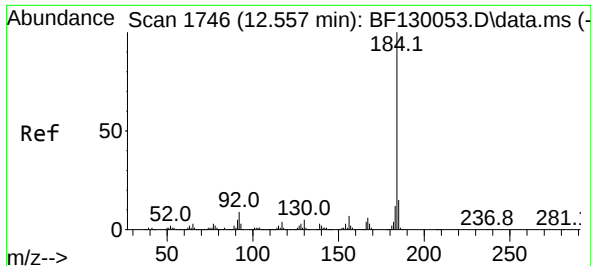
Tgt Ion:248 Resp: 31494
Ion Ratio Lower Upper
248 100
250 202.6 77.8 116.6#
141 506.5 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

Tgt Ion:240 Resp: 499442
Ion Ratio Lower Upper
240 100
120 13.2 9.2 13.8
236 26.1 20.7 31.1

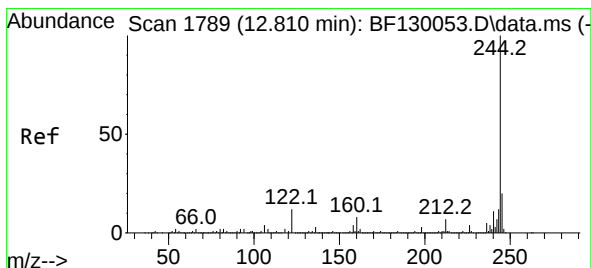
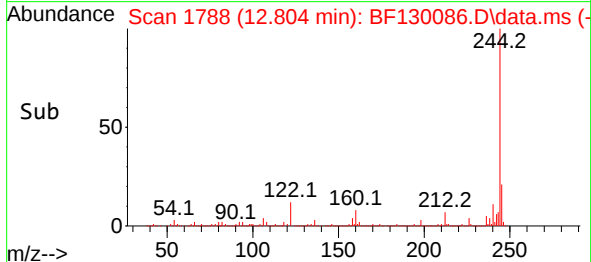
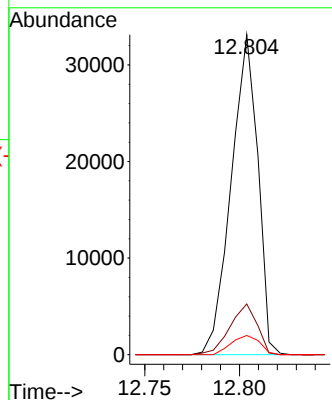
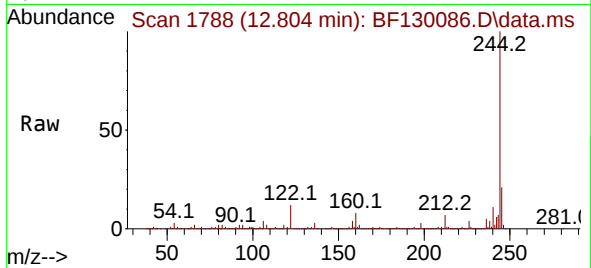




#77
Benzidine
Concen: 2.398 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

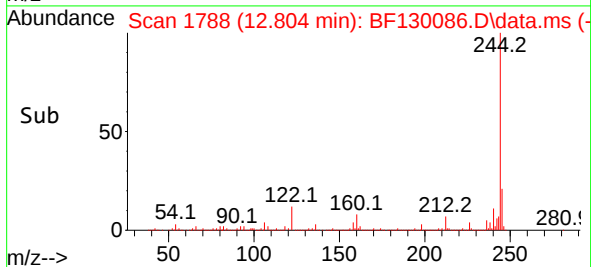
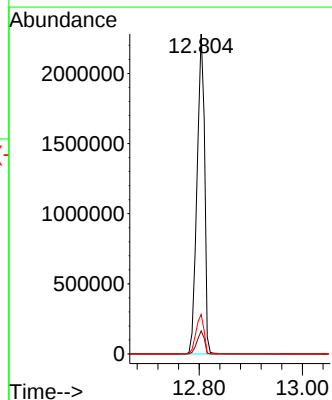
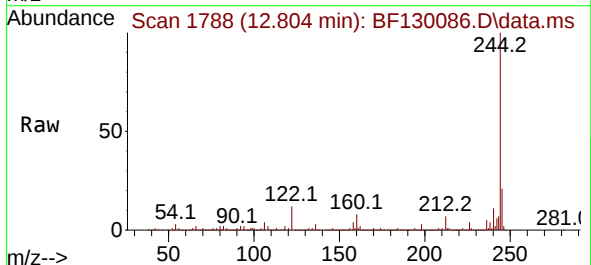
Instrument :
BNA_F
ClientSampleId :
251563-1

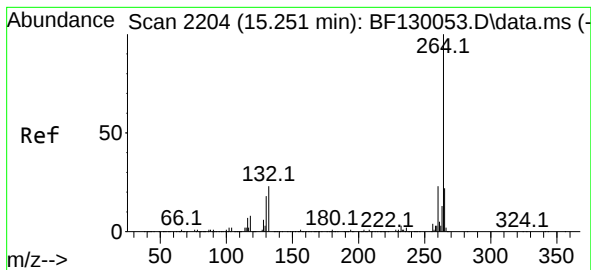
Tgt Ion:184 Resp: 32331
Ion Ratio Lower Upper
184 100
185 15.8 11.4 17.2
183 6.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 80.298 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

Tgt Ion:244 Resp: 2312649
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.3 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: BF130086.D
Acq: 01 Sep 2022 19:47

Instrument :
BNA_F
ClientSampleId :
251563-1

Tgt Ion:264 Resp: 436818

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.3	16.7	25.1

