

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131261.D
 Acq On : 16 Nov 2022 12:57
 Operator : CG\JU
 Sample : N5564-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4C(OW)

Quant Time: Nov 16 22:13:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

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

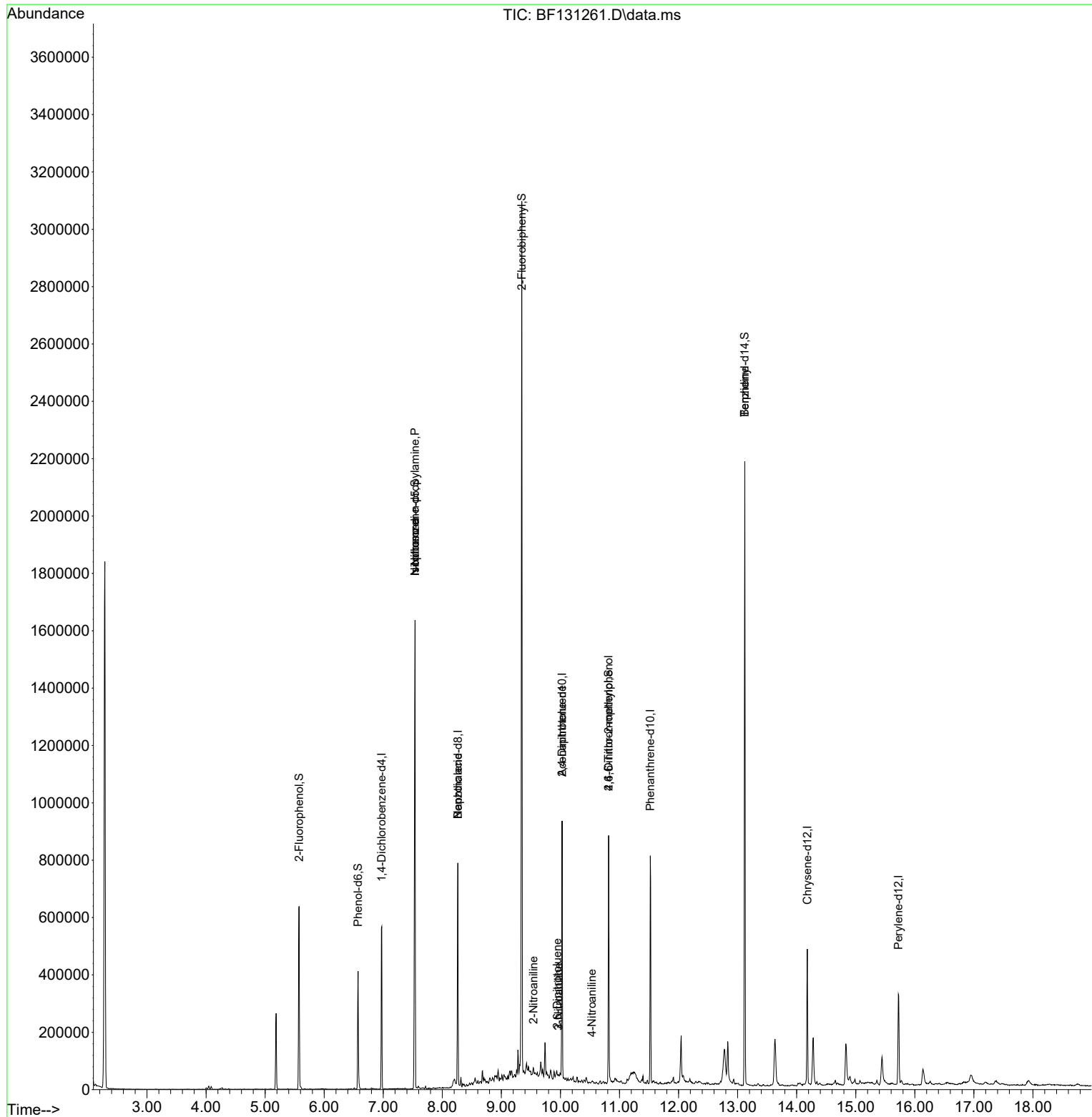
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	81624	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	294839	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	162028	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	287546	20.000	ng	0.00
76) Chrysene-d12	14.180	240	149565	20.000	ng	0.00
86) Perylene-d12	15.721	264	157527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	141517	30.701	ng	0.00
7) Phenol-d6	6.575	99	108955	18.662	ng	-0.02
23) Nitrobenzene-d5	7.539	82	507615	96.637	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	84729	54.745	ng	-0.01
45) 2-Fluorobiphenyl	9.345	172	885986	80.021	ng	0.00
79) Terphenyl-d14	13.121	244	724344	83.167	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.539	70	71318	17.530	ng	# 77
25) Isophorone	7.539	82	507167	48.330	ng	# 67
32) Benzoic acid	8.263	122	86	6.190	ng	# 1
48) 2-Nitroaniline	9.545	65	1080	4.363	ng	# 47
51) 2,6-Dinitrotoluene	9.945	165	1058	3.406	ng	# 21
53) 3-Nitroaniline	9.969	138	69	2.753	ng	# 1
57) 2,4-Dinitrotoluene	10.028	165	21576	11.200	ng	# 17
62) 4-Nitroaniline	10.533	138	152	2.922	ng	# 67
65) 4,6-Dinitro-2-methylph...	10.816	198	165	8.123	ng	# 1
77) Benzidine	13.121	184	10041	3.133	ng	# 91

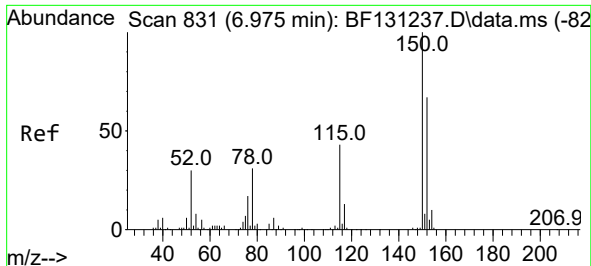
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
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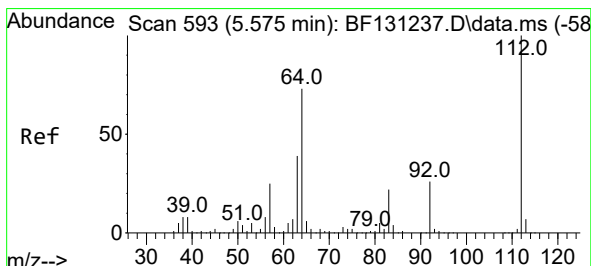
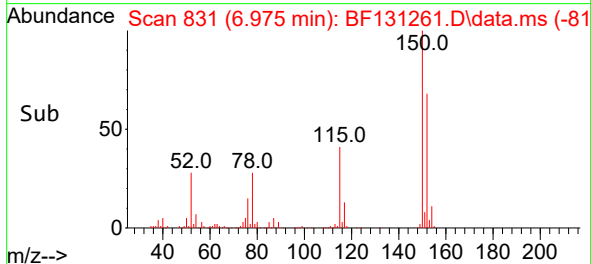
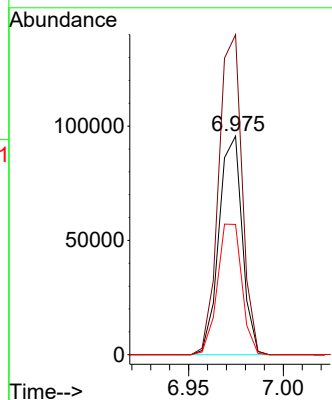
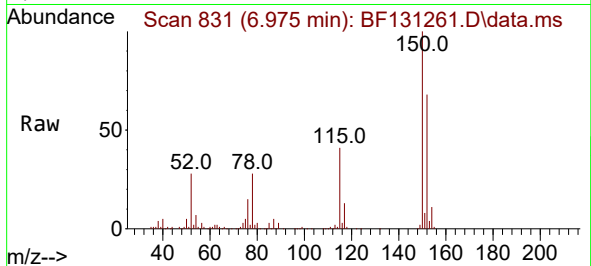




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

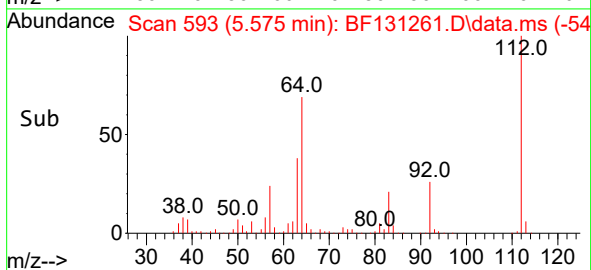
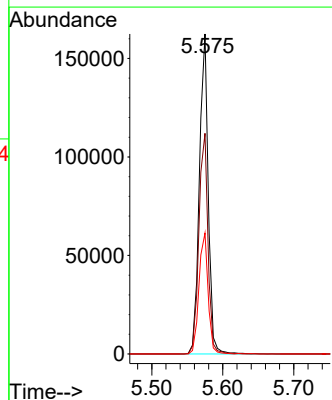
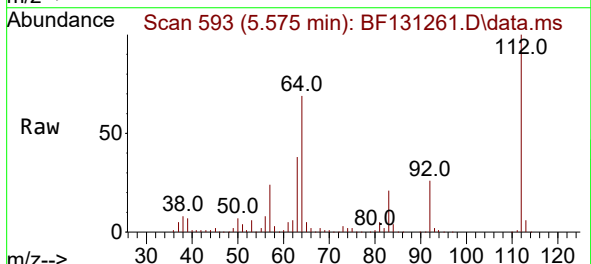
Instrument :
BNA_F
ClientSampleId :
B-4C(OW)

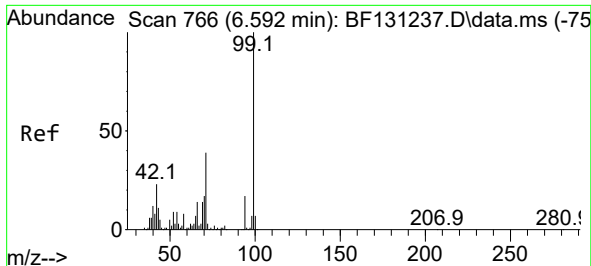
Tgt Ion:152 Resp: 81624
Ion Ratio Lower Upper
152 100
150 146.4 120.2 180.4
115 59.6 51.8 77.8



#5
2-Fluorophenol
Concen: 30.701 ng
RT: 5.575 min Scan# 593
Delta R.T. -0.000 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

Tgt Ion:112 Resp: 141517
Ion Ratio Lower Upper
112 100
64 69.0 58.4 87.6
63 37.8 31.6 47.4

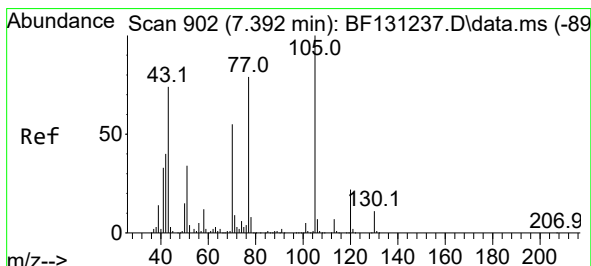
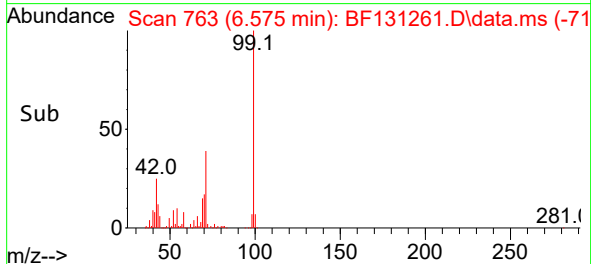
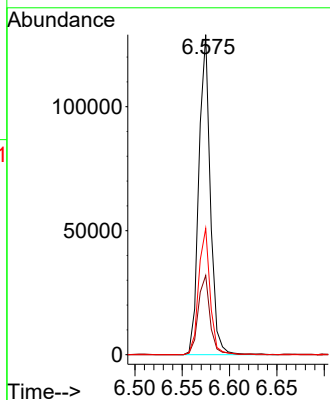
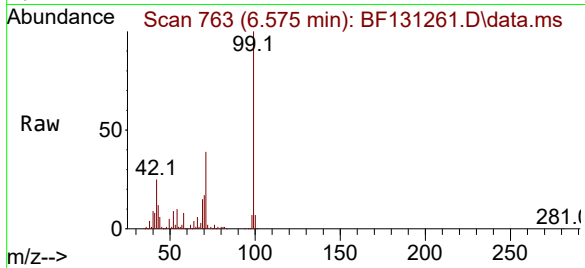




#7
Phenol-d6
Concen: 18.662 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.017 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

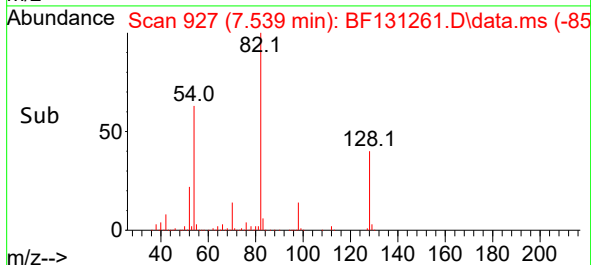
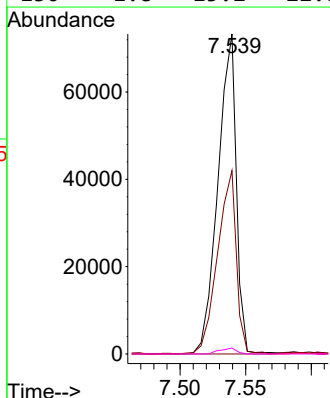
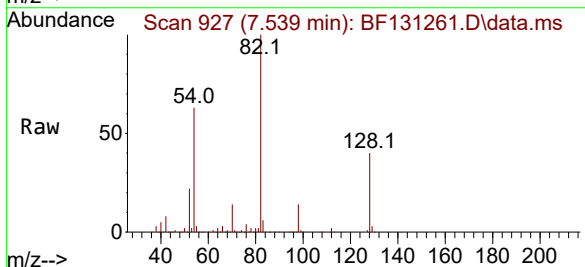
Instrument :
BNA_F
ClientSampleId :
B-4C(OW)

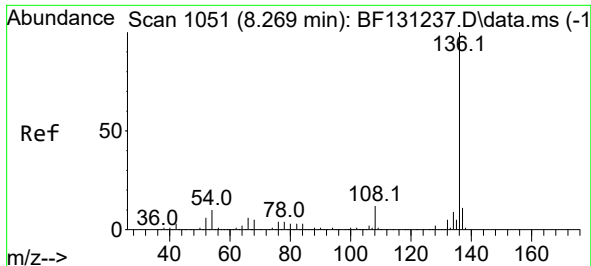
Tgt Ion: 99 Resp: 108955
Ion Ratio Lower Upper
99 100
42 24.8 18.6 28.0
71 39.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.530 ng
RT: 7.539 min Scan# 927
Delta R.T. 0.147 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

Tgt Ion: 70 Resp: 71318
Ion Ratio Lower Upper
70 100
42 57.3 58.3 87.5#
101 0.0 7.2 10.8#
130 1.8 15.2 22.8#

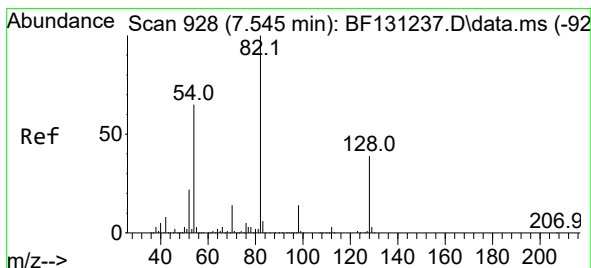
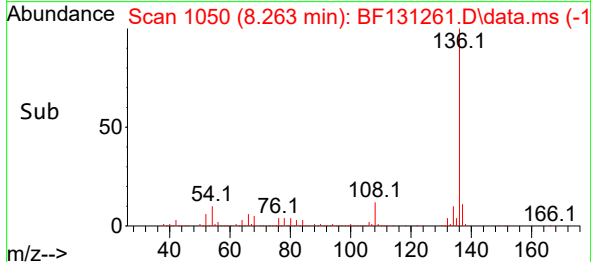
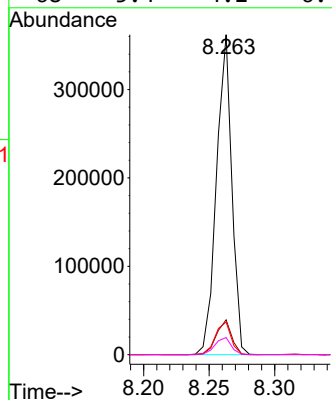
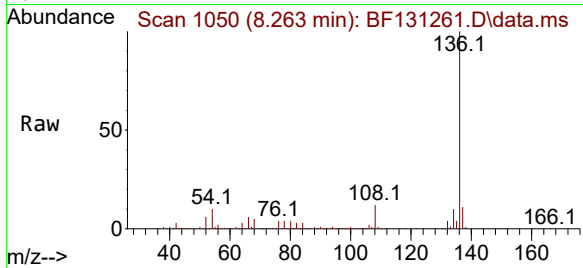




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

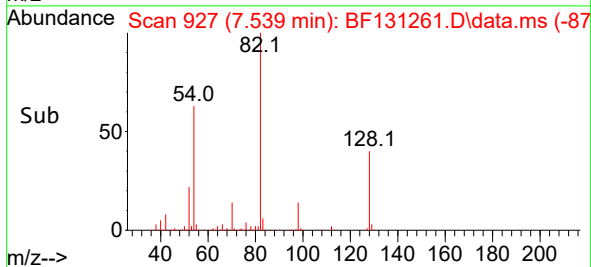
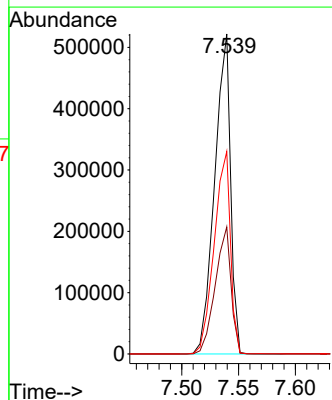
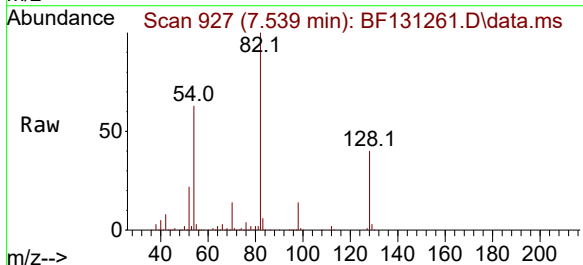
Instrument :
BNA_F
ClientSampleId :
B-4C(OW)

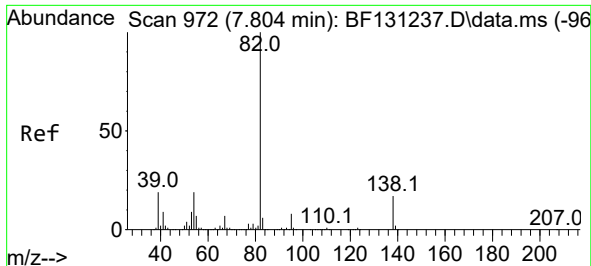
Tgt Ion:	136	Resp:	294839
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	10.2	7.8	11.8
68	5.4	4.2	6.4



#23
Nitrobenzene-d5
Concen: 96.637 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

Tgt Ion:	82	Resp:	507615
Ion Ratio	Lower	Upper	
82	100		
128	39.7	31.1	46.7
54	63.3	51.8	77.6

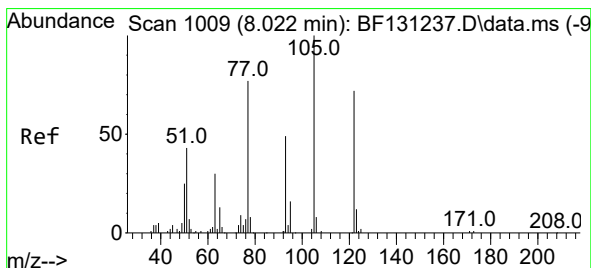
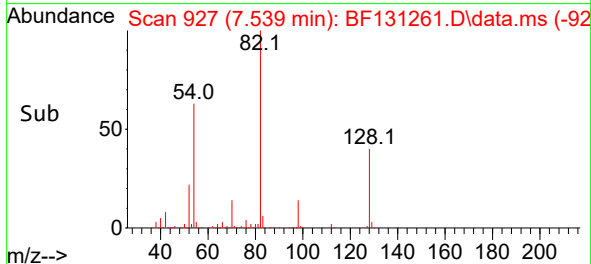
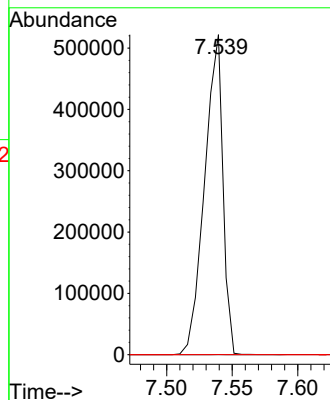
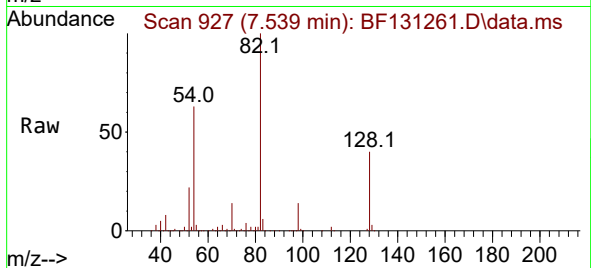




#25
Isophorone
Concen: 48.330 ng
RT: 7.539 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

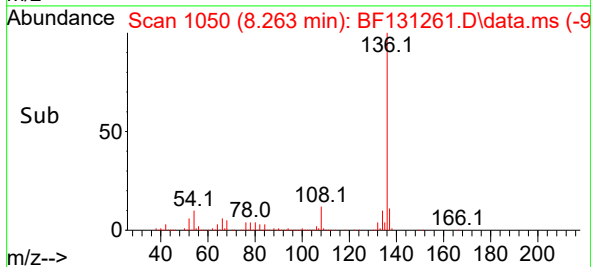
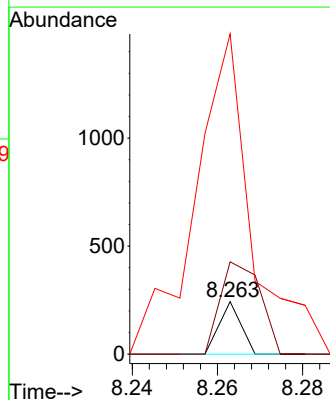
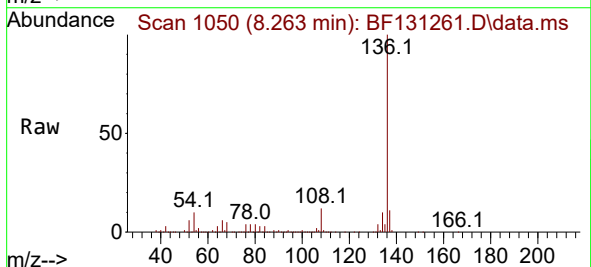
Instrument :
BNA_F
ClientSampleId :
B-4C(OW)

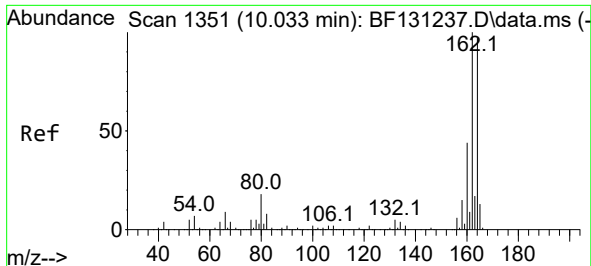
Tgt Ion: 82 Resp: 507167
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 6.190 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.241 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

Tgt Ion: 122 Resp: 86
Ion Ratio Lower Upper
122 100
105 175.7 116.9 156.9#
77 609.9 86.9 126.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.028 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF131261.D

Acq: 16 Nov 2022 12:57

Instrument :

BNA_F

ClientSampleId :

B-4C(OW)

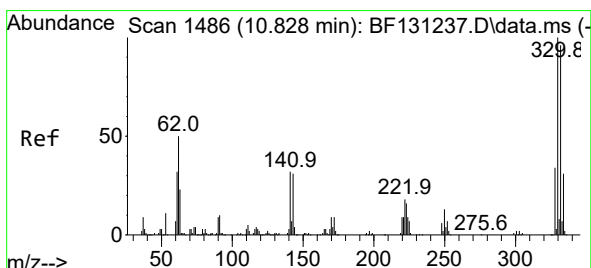
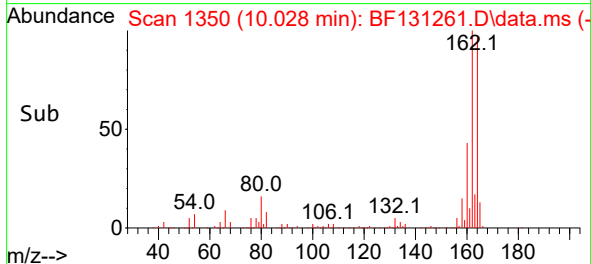
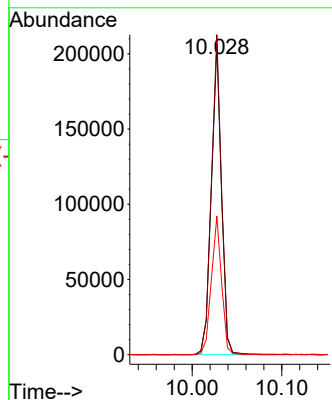
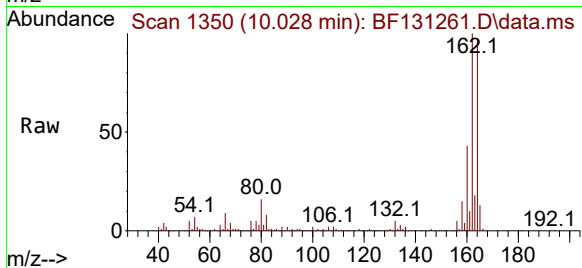
Tgt Ion:164 Resp: 162028

Ion Ratio Lower Upper

164 100

162 102.8 82.1 123.1

160 44.5 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 54.745 ng

RT: 10.816 min Scan# 1484

Delta R.T. -0.012 min

Lab File: BF131261.D

Acq: 16 Nov 2022 12:57

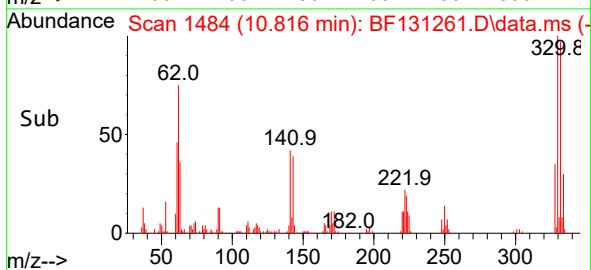
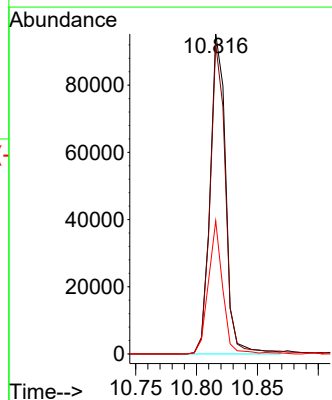
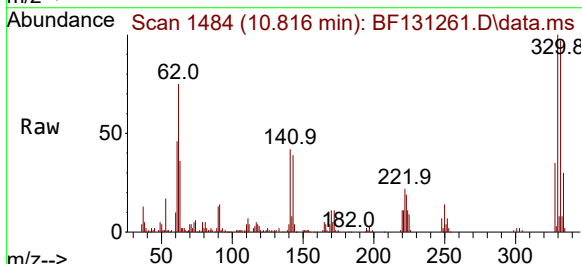
Tgt Ion:330 Resp: 84729

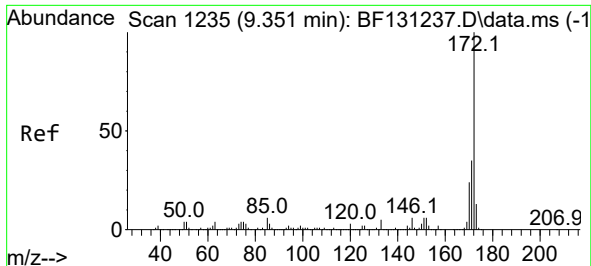
Ion Ratio Lower Upper

330 100

332 97.2 76.8 115.2

141 38.3 29.6 44.4

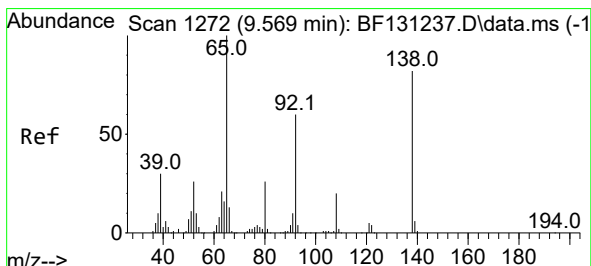
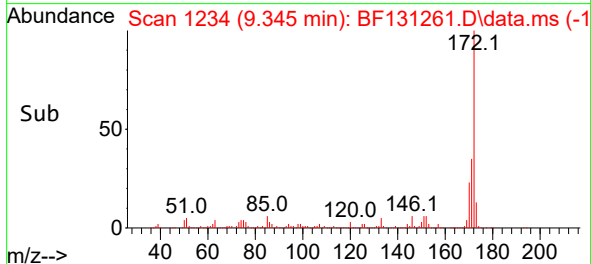
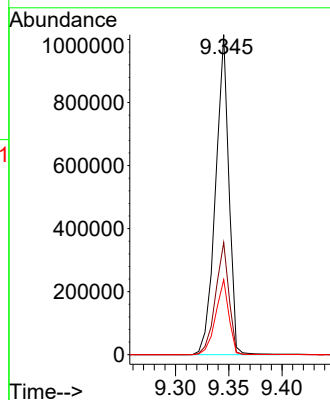
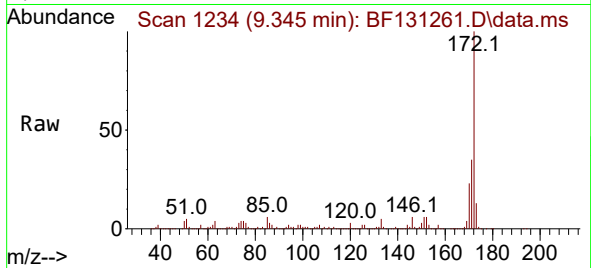




#45
2-Fluorobiphenyl
Concen: 80.021 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

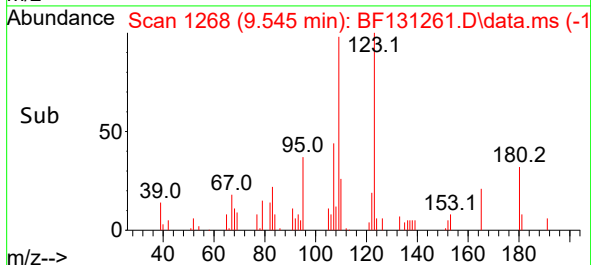
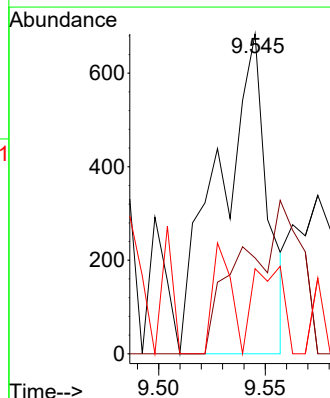
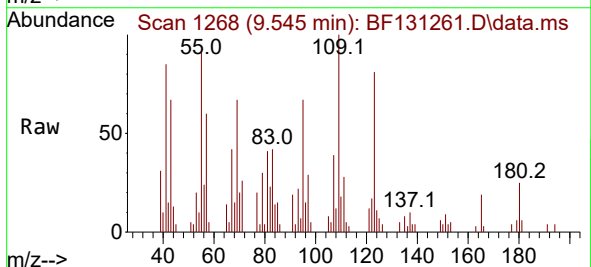
Instrument :
BNA_F
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B-4C(OW)

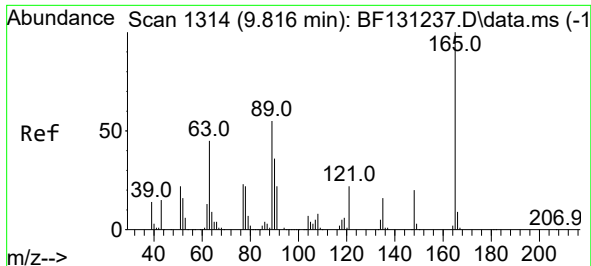
Tgt Ion:172 Resp: 885986
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.4 18.8 28.2



#48
2-Nitroaniline
Concen: 4.363 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.024 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

Tgt Ion: 65 Resp: 1080
Ion Ratio Lower Upper
65 100
92 30.0 48.2 72.2#
138 26.6 65.8 98.8#

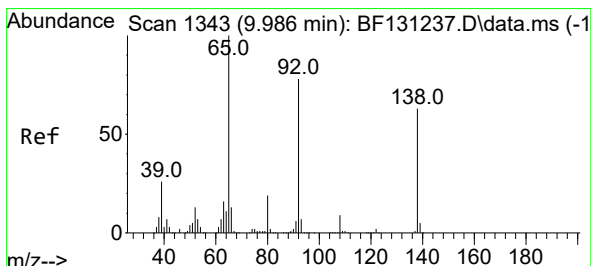
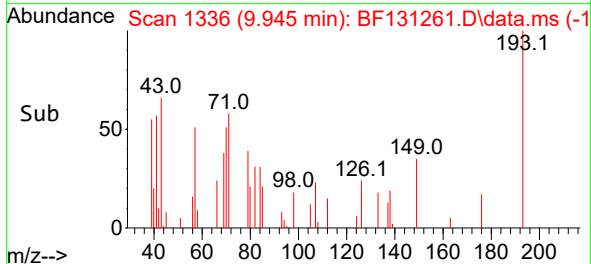
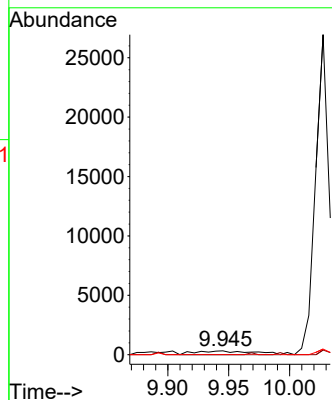
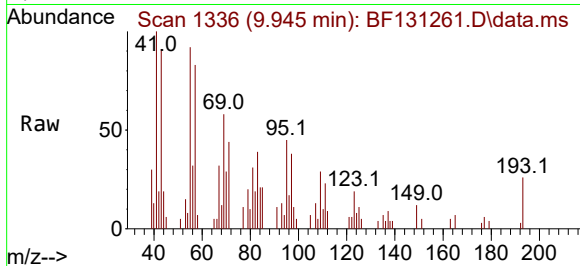




#51
2,6-Dinitrotoluene
Concen: 3.406 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.129 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

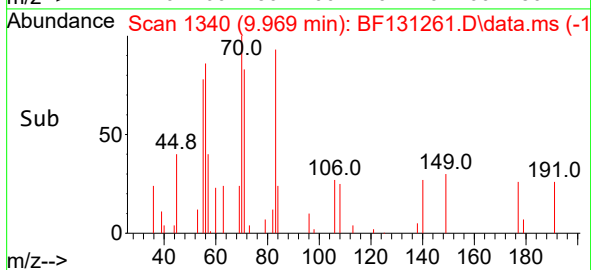
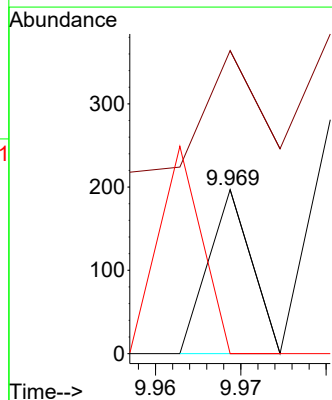
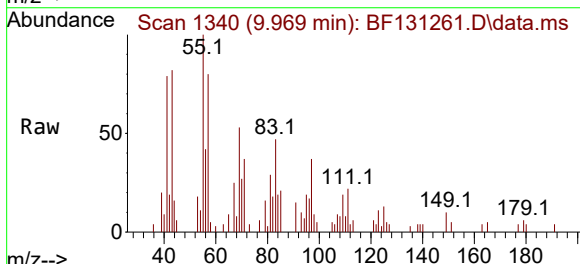
Instrument :
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B-4C(OW)

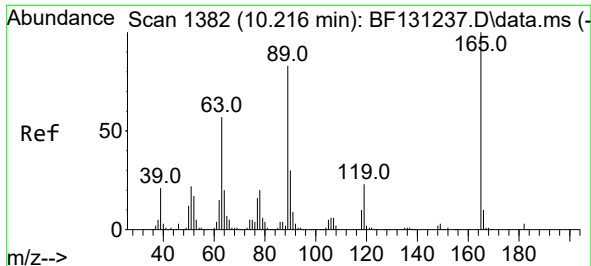
Tgt Ion:165 Resp: 1058
Ion Ratio Lower Upper
165 100
63 0.0 49.8 74.6#
89 0.0 44.5 66.7#



#53
3-Nitroaniline
Concen: 2.753 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.017 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

Tgt Ion:138 Resp: 69
Ion Ratio Lower Upper
138 100
108 184.8 11.4 17.2#
92 0.0 98.6 148.0#

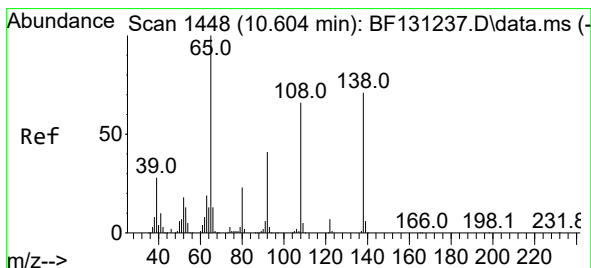
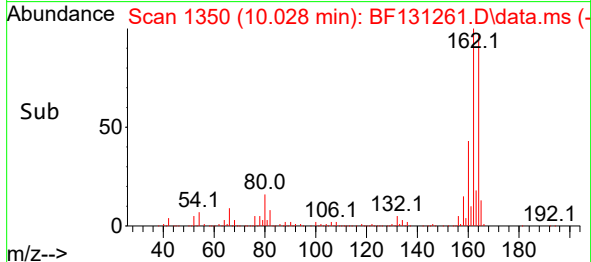
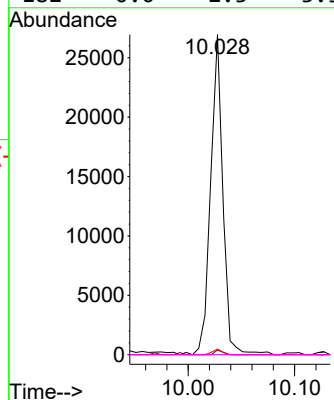
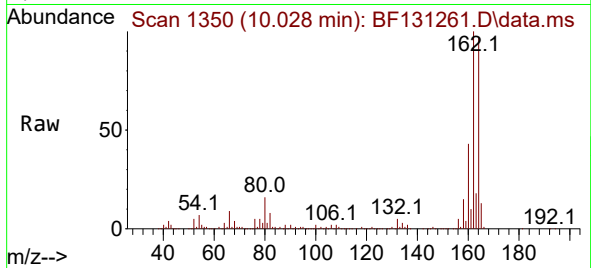




#57
2,4-Dinitrotoluene
Concen: 11.200 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

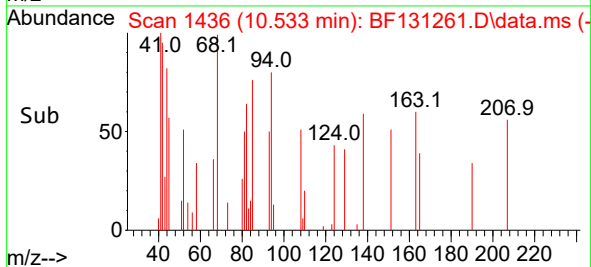
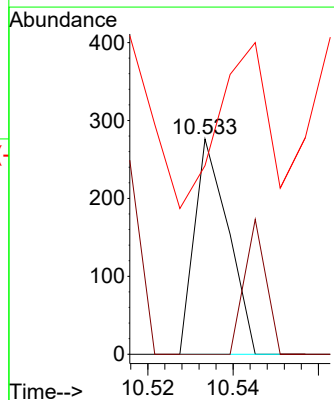
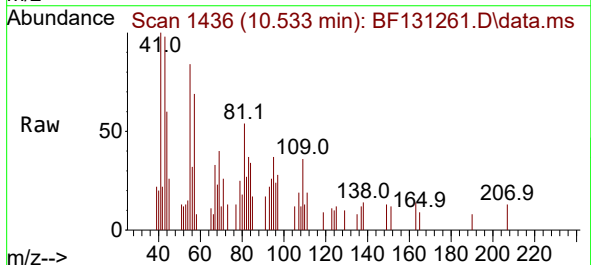
Instrument :
BNA_F
ClientSampleId :
B-4C(OW)

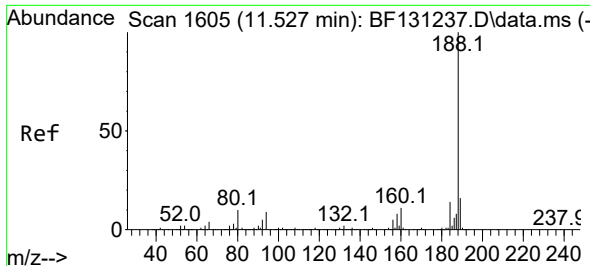
Tgt Ion:165 Resp: 21576
Ion Ratio Lower Upper
165 100
63 1.4 46.0 69.0#
89 1.8 66.2 99.4#
182 0.0 2.3 3.5#



#62
4-Nitroaniline
Concen: 2.922 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.071 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

Tgt Ion:138 Resp: 152
Ion Ratio Lower Upper
138 100
92 0.0 37.6 77.6#
108 87.7 73.2 113.2

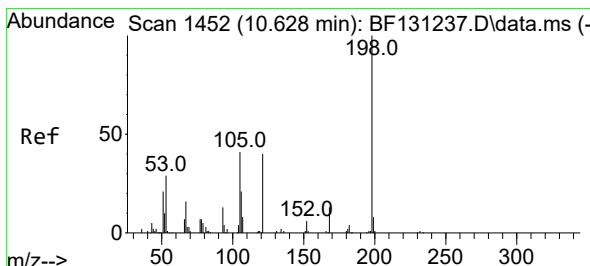
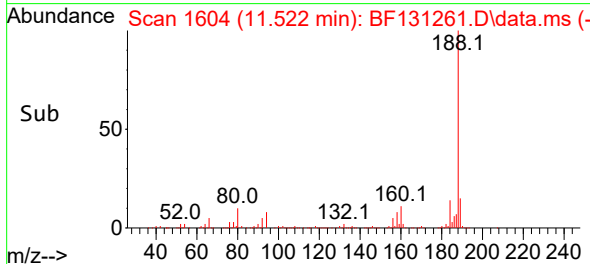
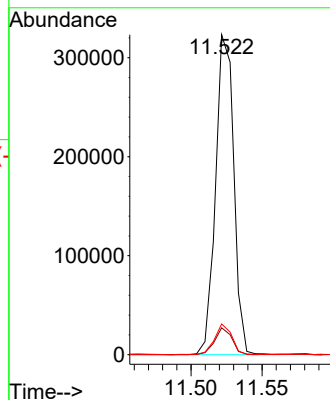
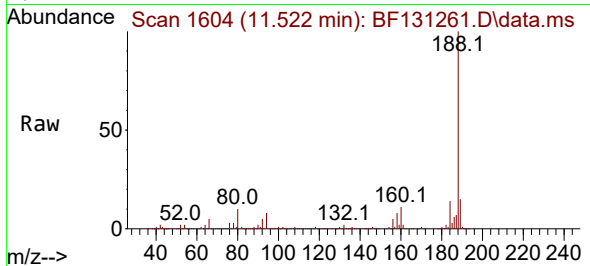




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

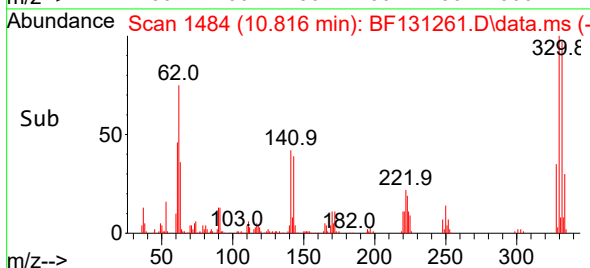
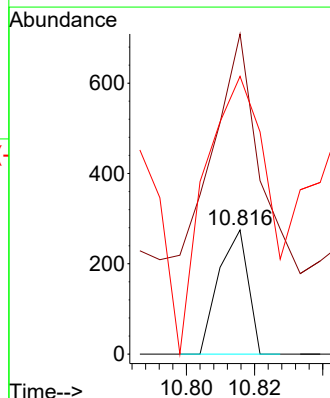
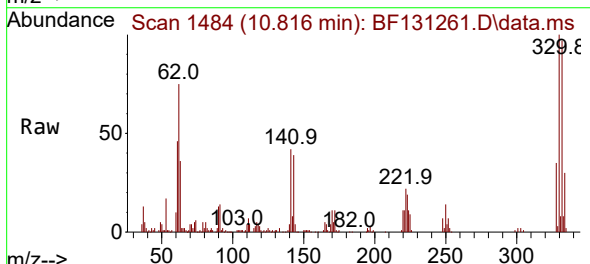
Instrument :
BNA_F
ClientSampleId :
B-4C(OW)

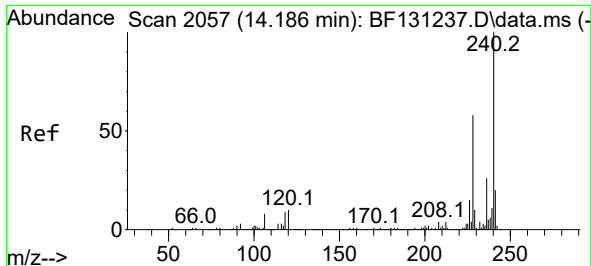
Tgt Ion:188 Resp: 287546
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.6 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.123 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.188 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

Tgt Ion:198 Resp: 165
Ion Ratio Lower Upper
198 100
51 257.8 29.4 69.4#
105 223.6 22.2 62.2#

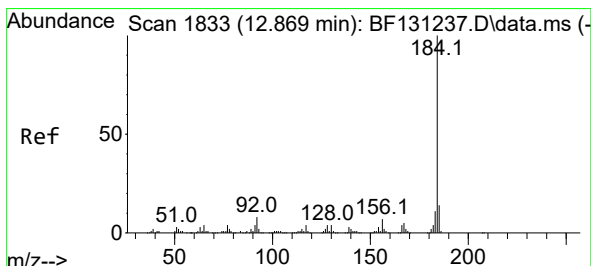
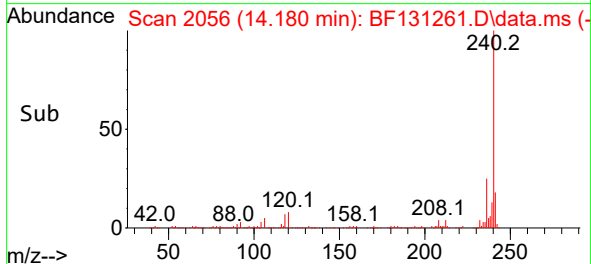
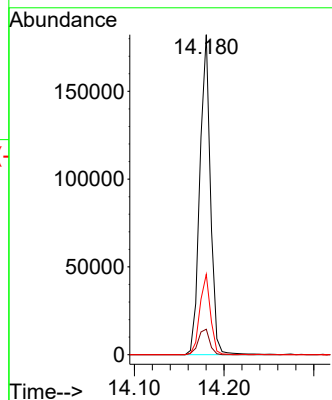
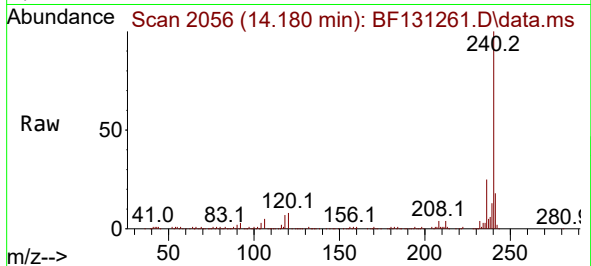




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

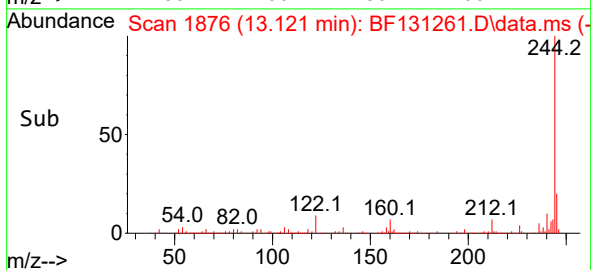
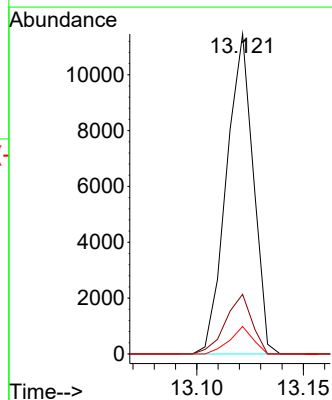
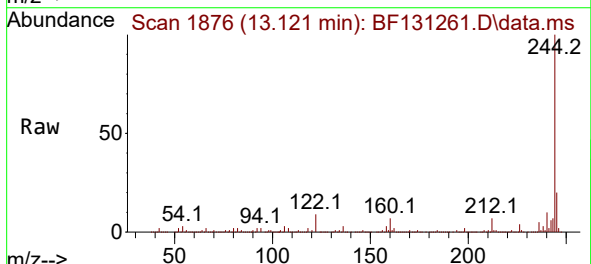
Instrument :
BNA_F
ClientSampleId :
B-4C(OW)

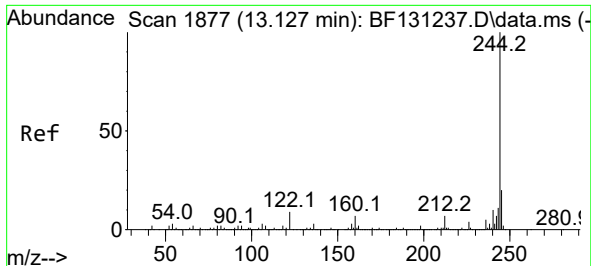
Tgt Ion:240 Resp: 149565
Ion Ratio Lower Upper
240 100
120 7.9 7.8 11.6
236 25.1 20.6 31.0



#77
Benzidine
Concen: 3.133 ng
RT: 13.121 min Scan# 1876
Delta R.T. 0.252 min
Lab File: BF131261.D
Acq: 16 Nov 2022 12:57

Tgt Ion:184 Resp: 10041
Ion Ratio Lower Upper
184 100
185 18.6 11.4 17.2#
183 8.6 9.0 13.4#

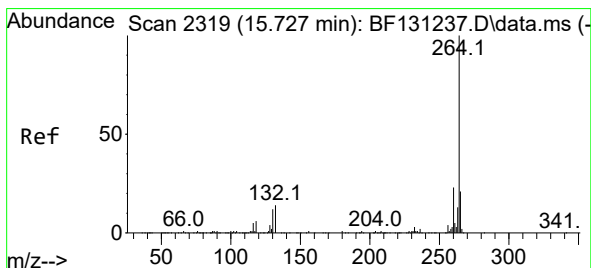
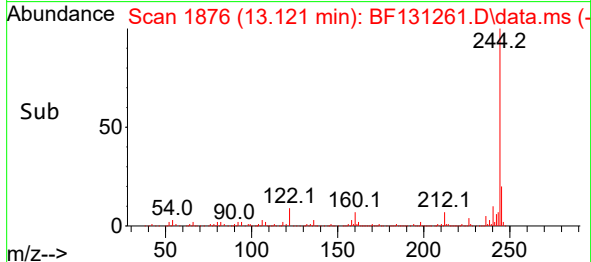
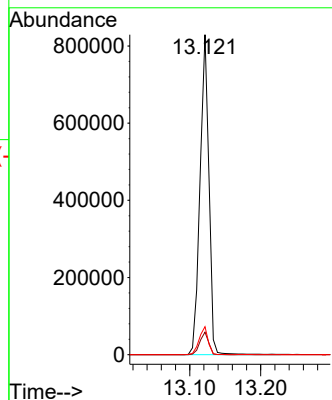
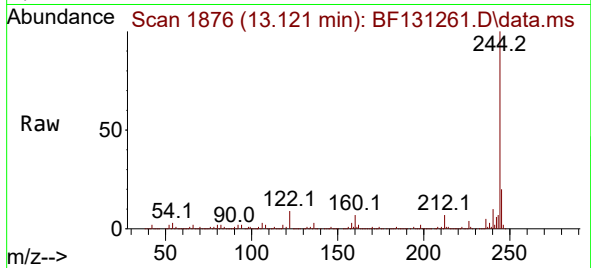




#79
 Terphenyl-d14
 Concen: 83.167 ng
 RT: 13.121 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131261.D
 Acq: 16 Nov 2022 12:57

Instrument :
 BNA_F
 ClientSampleId :
 B-4C(OW)

Tgt Ion:244 Resp: 724344
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 8.7 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.721 min Scan# 2318
 Delta R.T. -0.006 min
 Lab File: BF131261.D
 Acq: 16 Nov 2022 12:57

Tgt Ion:264 Resp: 157527
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 20.3 16.6 24.8

