

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110222\
 Data File : BF130928.D
 Acq On : 02 Nov 2022 13:39
 Operator : CG\JU
 Sample : N5381-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 265393-8

Quant Time: Nov 03 03:41:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 03 03:37:09 2022
 Response via : Initial Calibration

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

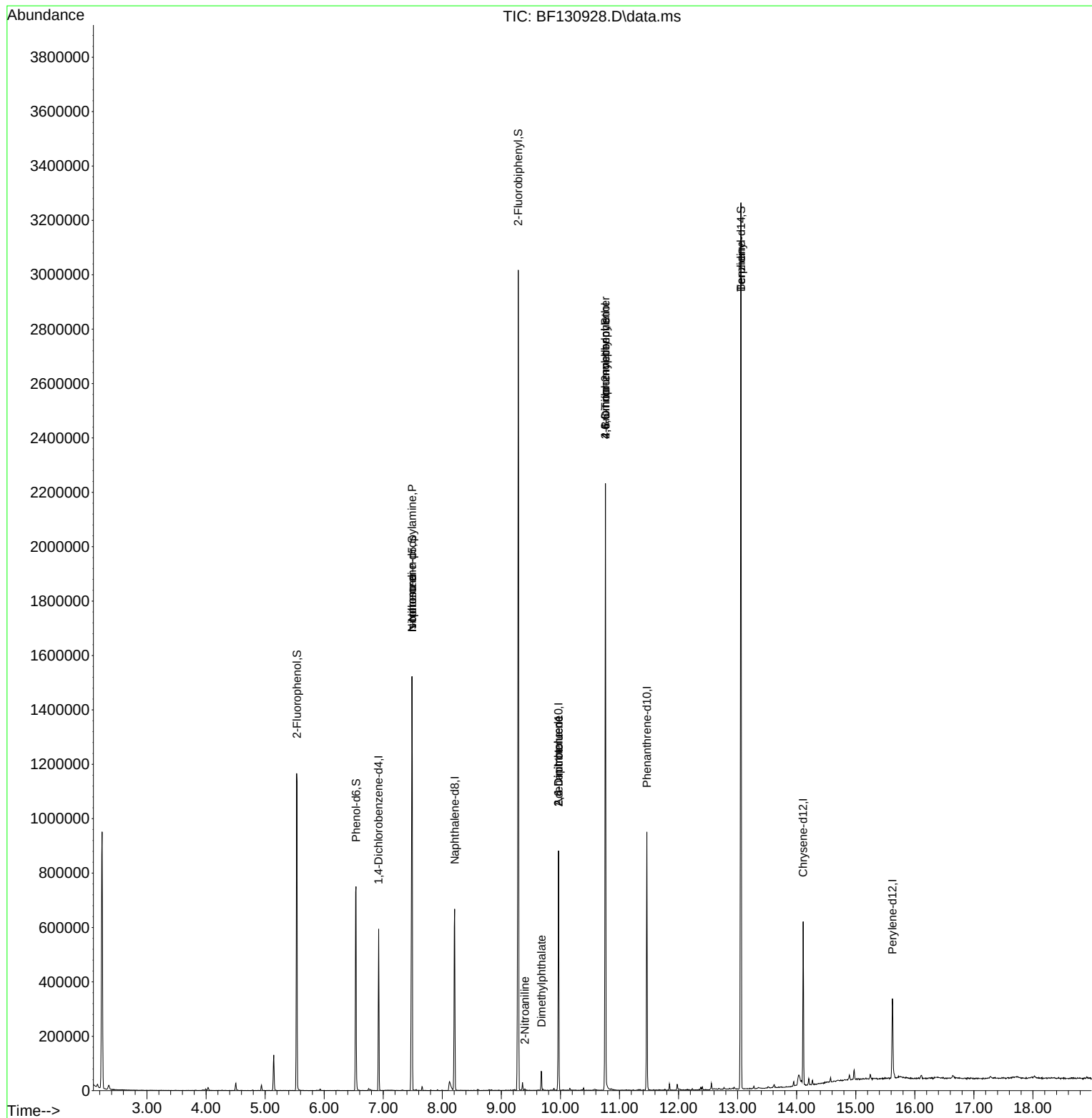
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	75529	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	293891	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	163820	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	308798	20.000	ng	0.00
76) Chrysene-d12	14.110	240	185558	20.000	ng	-0.01
86) Perylene-d12	15.621	264	130623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	288233	66.158	ng	0.00
7) Phenol-d6	6.540	99	230771	40.761	ng	0.00
23) Nitrobenzene-d5	7.487	82	543130	111.436	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	238426	172.893	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	972419	89.744	ng	0.00
79) Terphenyl-d14	13.057	244	1094074	108.044	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.487	70	75877	19.698	ng	# 77
25) Isophorone	7.487	82	542824	54.009	ng	# 66
48) 2-Nitroaniline	9.398	65	55	4.164	ng	# 12
50) Dimethylphthalate	9.681	163	25626	2.277	ng	# 99
51) 2,6-Dinitrotoluene	9.969	165	21049	12.058	ng	# 14
57) 2,4-Dinitrotoluene	9.969	165	21049	10.934	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.763	198	603	8.318	ng	# 1
67) 4-Bromophenyl-phenylether	10.763	248	15150	4.879	ng	# 1
77) Benzidine	13.057	184	17566	3.900	ng	# 90

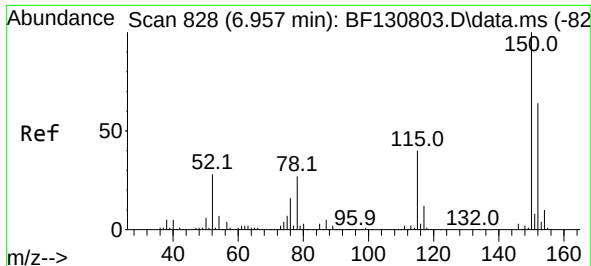
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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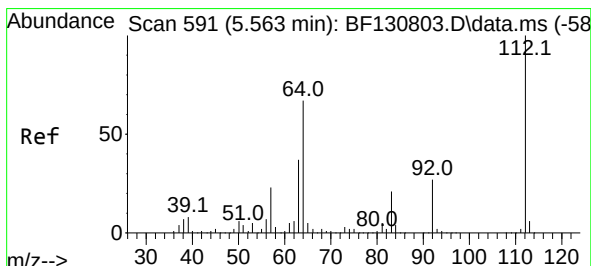
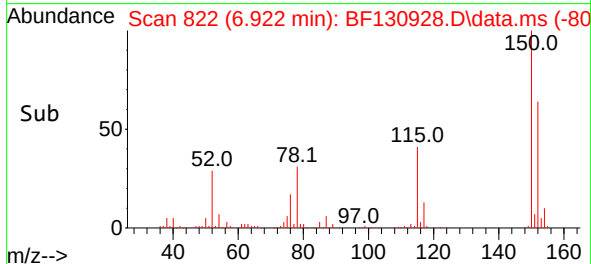
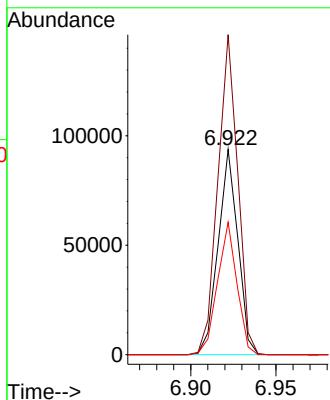
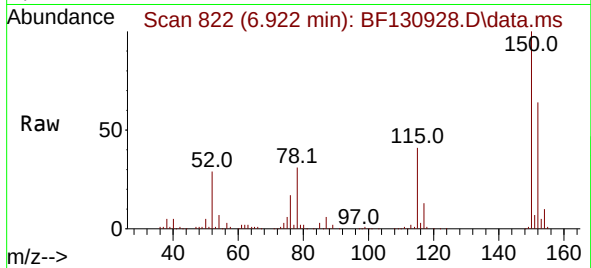




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

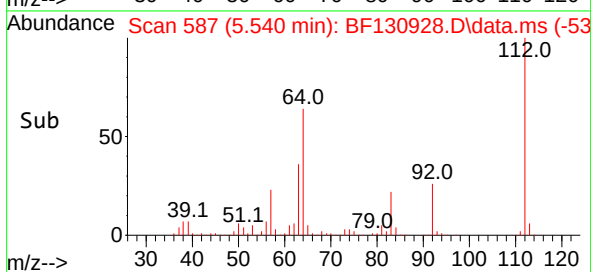
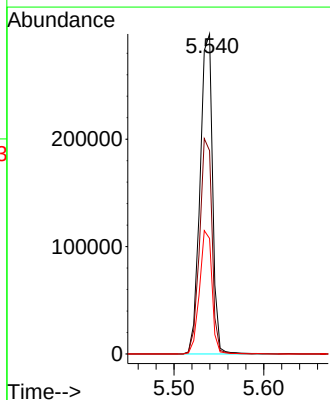
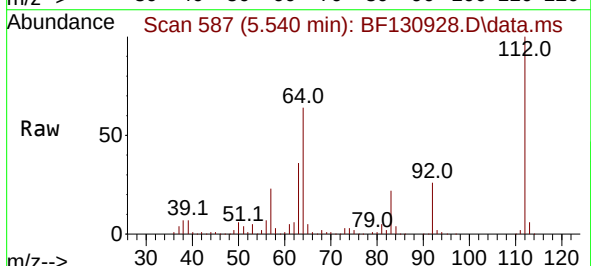
Instrument :
BNA_F
ClientSampleId :
265393-8

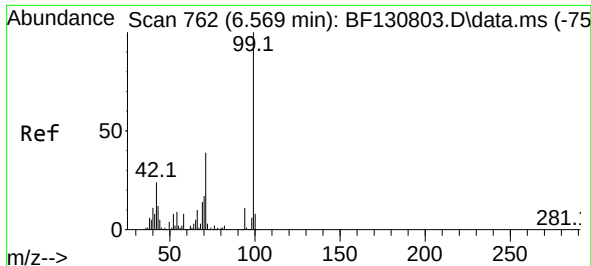
Tgt Ion:152 Resp: 75529
Ion Ratio Lower Upper
152 100
150 155.9 124.1 186.1
115 64.6 50.1 75.1



#5
2-Fluorophenol
Concen: 66.158 ng
RT: 5.540 min Scan# 587
Delta R.T. -0.000 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

Tgt Ion:112 Resp: 288233
Ion Ratio Lower Upper
112 100
64 63.6 53.9 80.9
63 36.1 29.4 44.2

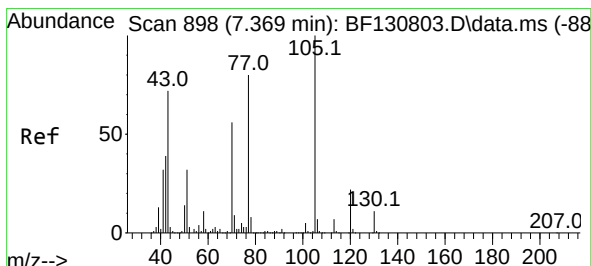
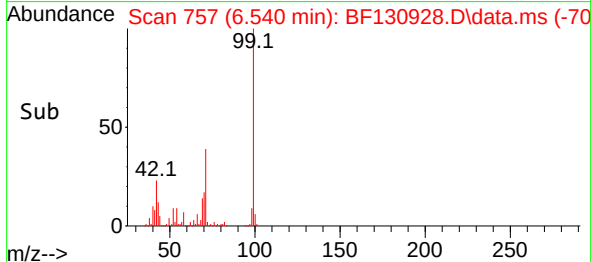
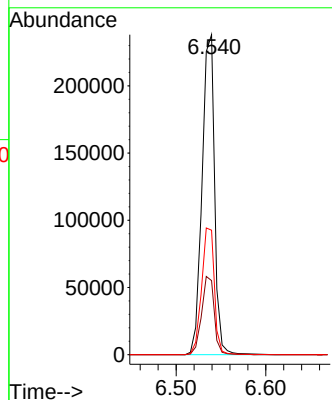
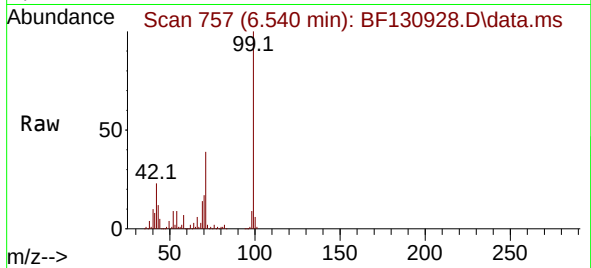




#7
Phenol-d6
Concen: 40.761 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

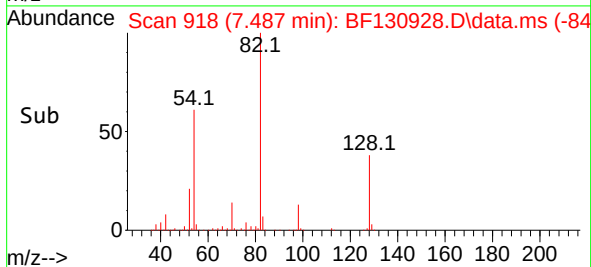
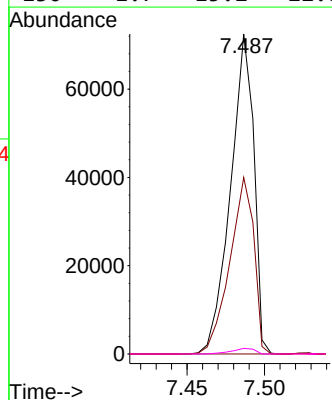
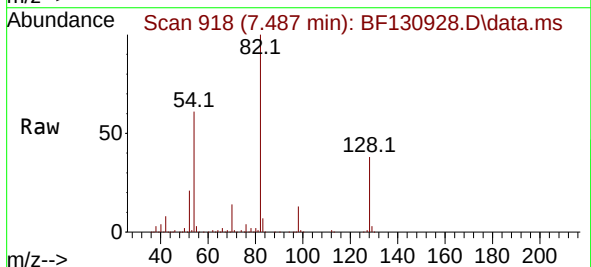
Instrument :
BNA_F
ClientSampleId :
265393-8

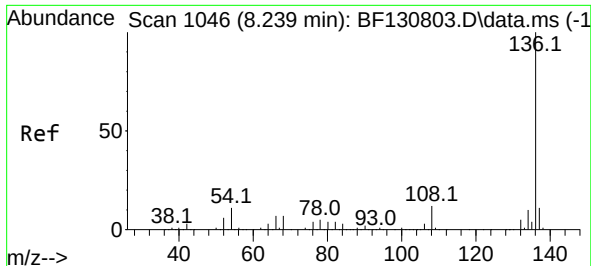
Tgt Ion: 99 Resp: 230771
Ion Ratio Lower Upper
99 100
42 23.1 18.8 28.2
71 38.9 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.698 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.147 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

Tgt Ion: 70 Resp: 75877
Ion Ratio Lower Upper
70 100
42 55.2 56.1 84.1#
101 0.0 7.3 10.9#
130 1.7 15.2 22.8#

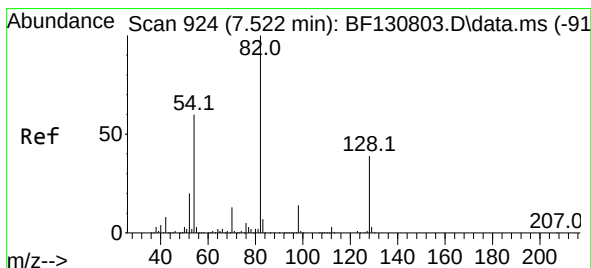
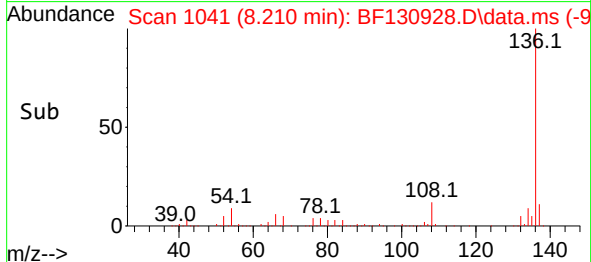
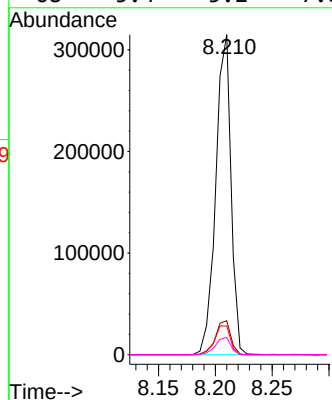
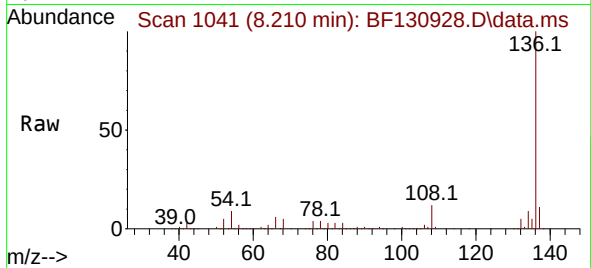




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

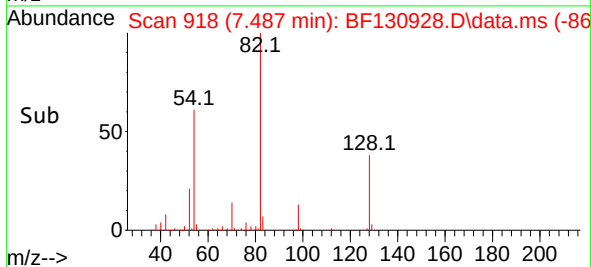
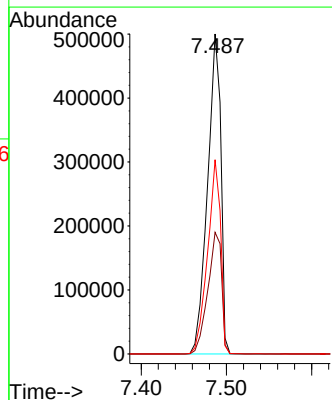
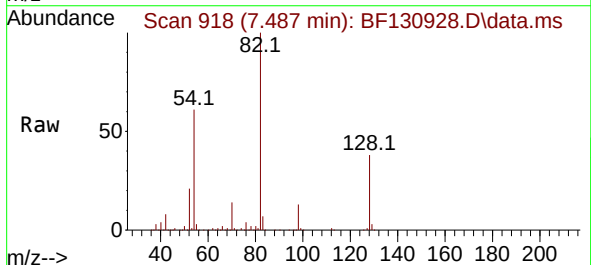
Instrument :
BNA_F
ClientSampleId :
265393-8

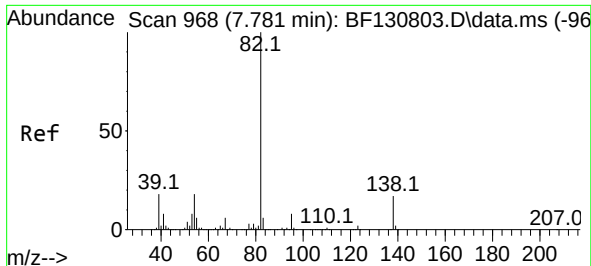
Tgt Ion:136	Resp: 293891
Ion Ratio	Lower Upper
136 100	
137 10.6	9.2 13.8
54 9.0	8.8 13.2
68 5.4	5.2 7.8



#23
Nitrobenzene-d5
Concen: 111.436 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

Tgt Ion: 82	Resp: 543130
Ion Ratio	Lower Upper
82 100	
128 38.0	31.2 46.8
54 60.7	48.0 72.0

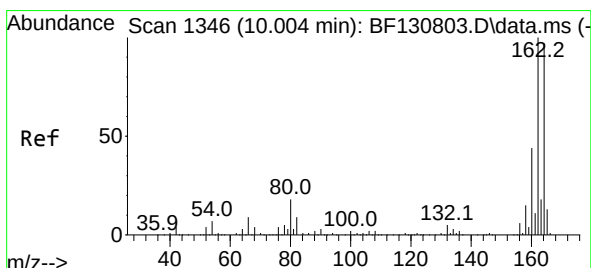
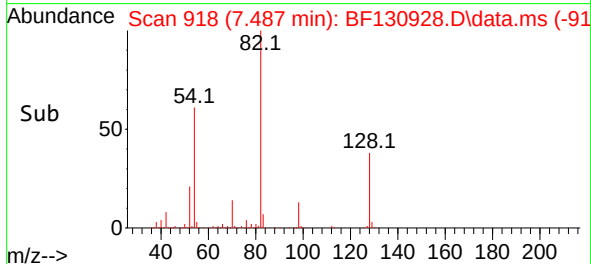
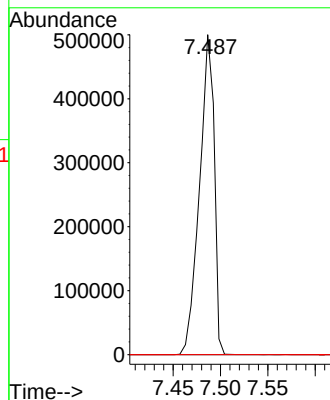
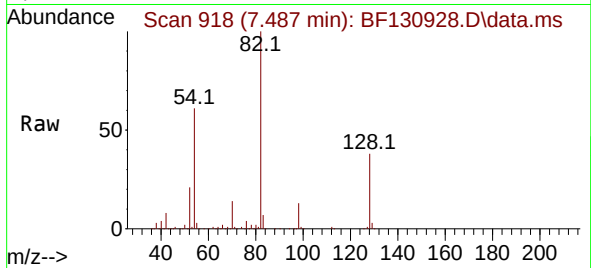




#25
Isophorone
Concen: 54.009 ng
RT: 7.487 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

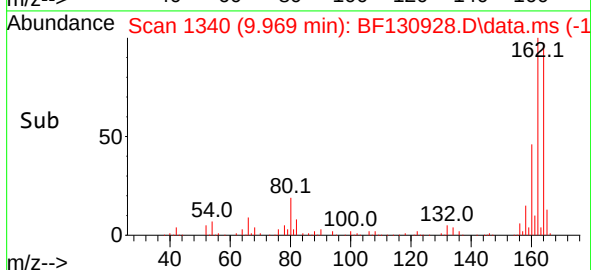
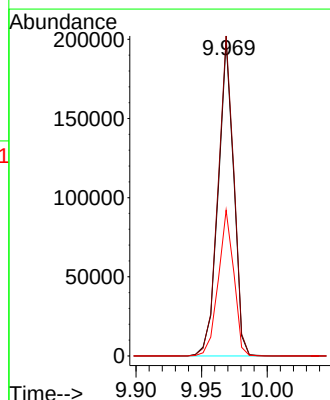
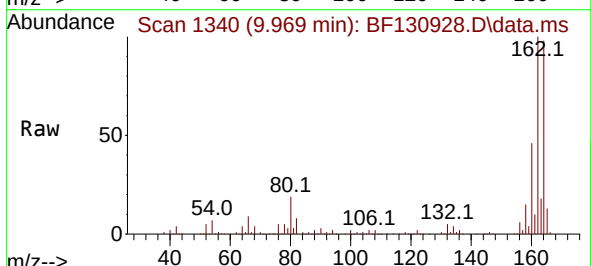
Instrument :
BNA_F
ClientSampleId :
265393-8

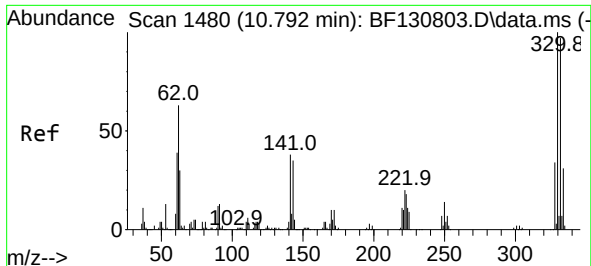
Tgt Ion: 82 Resp: 542824
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

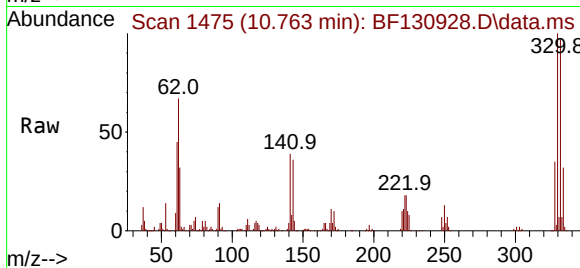
Tgt Ion:164 Resp: 163820
Ion Ratio Lower Upper
164 100
162 101.5 82.2 123.2
160 46.2 36.6 54.8



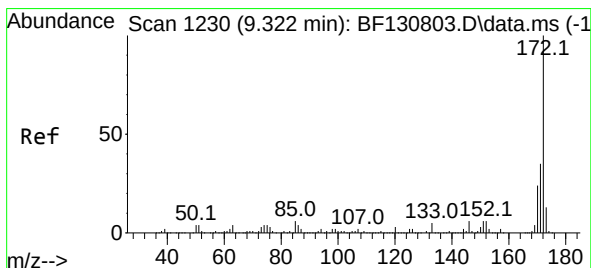
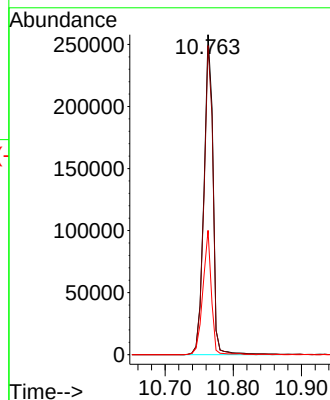
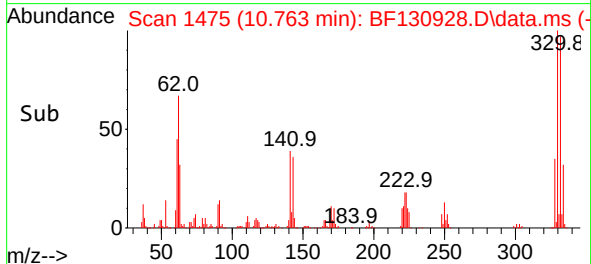


#42
2,4,6-Tribromophenol
Concen: 172.893 ng
RT: 10.763 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

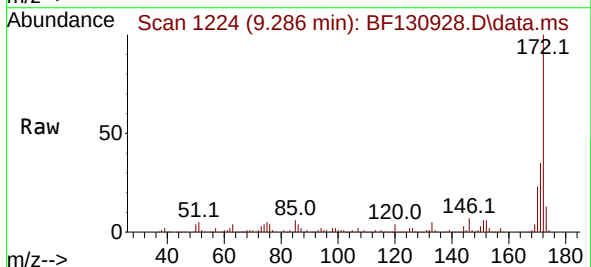
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ClientSampleId :
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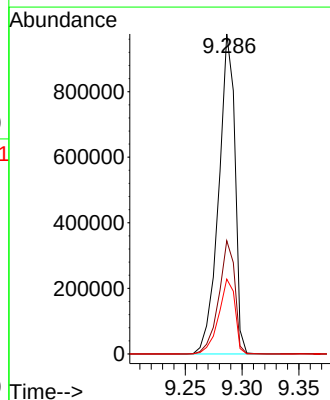
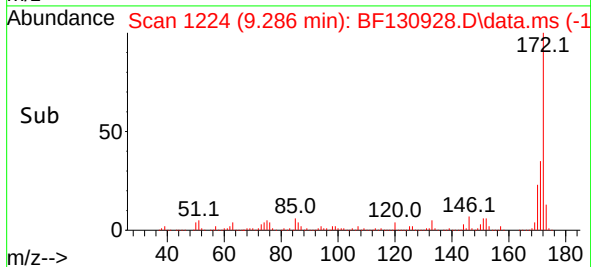
Tgt Ion: 330 Resp: 238426
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 36.3 31.4 47.0

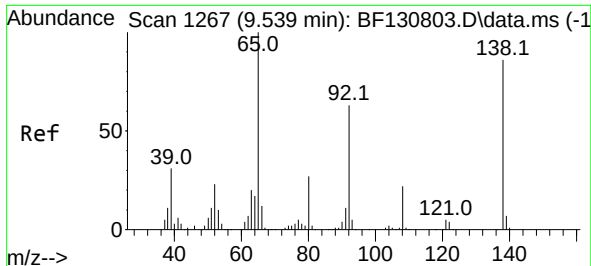


#45
2-Fluorobiphenyl
Concen: 89.744 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39



Tgt Ion: 172 Resp: 972419
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.4 19.0 28.4

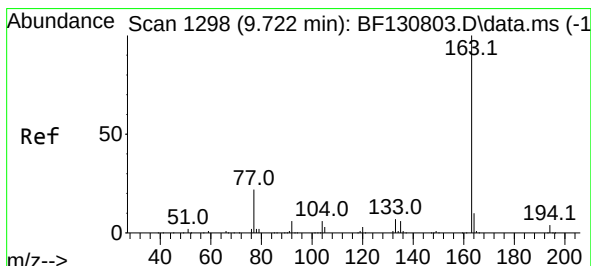
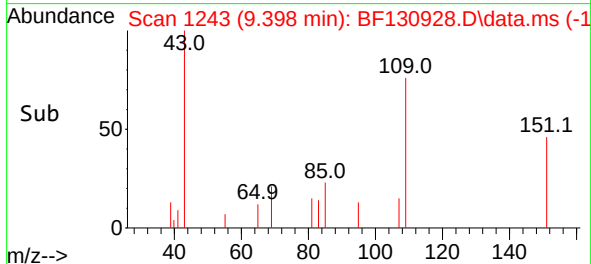
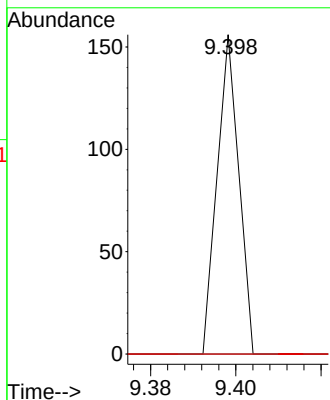
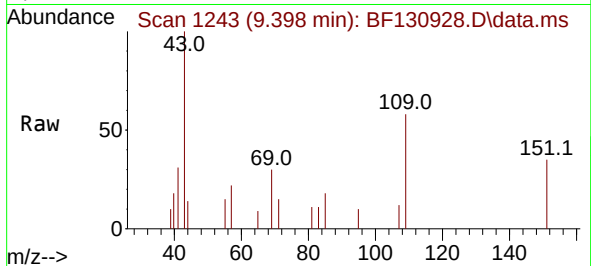




#48
2-Nitroaniline
Concen: 4.164 ng
RT: 9.398 min Scan# 11
Delta R.T. -0.118 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

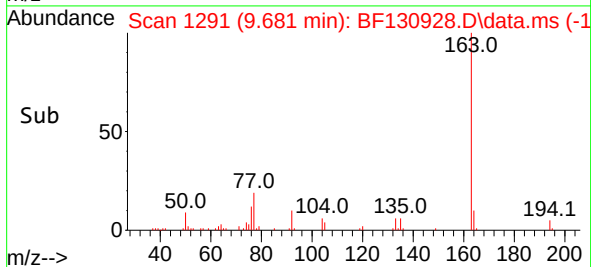
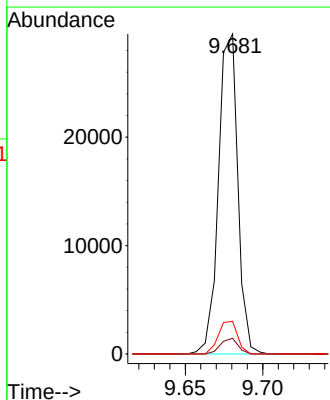
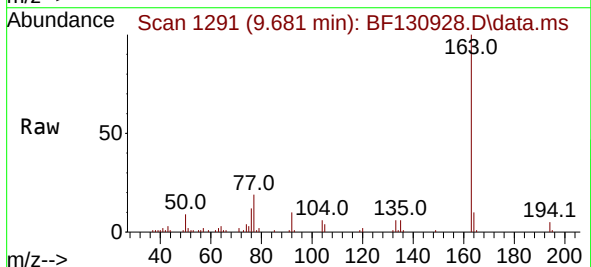
Instrument :
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ClientSampleId :
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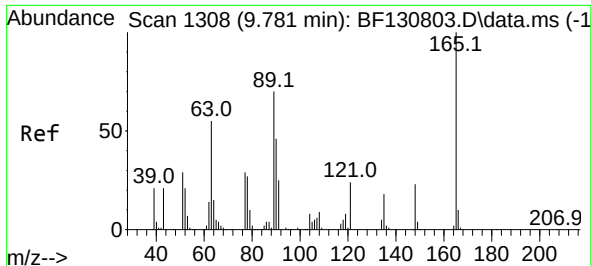
Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 50.1 75.1#
138 0.0 69.2 103.8#



#50
Dimethylphthalate
Concen: 2.277 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

Tgt Ion:163 Resp: 25626
Ion Ratio Lower Upper
163 100
194 4.9 3.2 4.8#
164 10.2 8.0 12.0

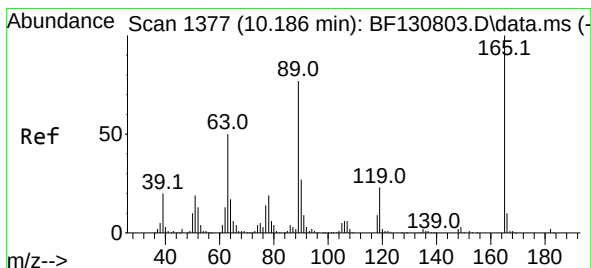
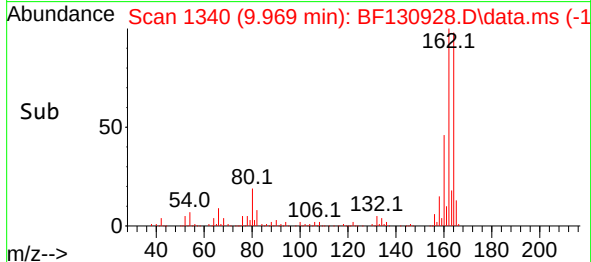
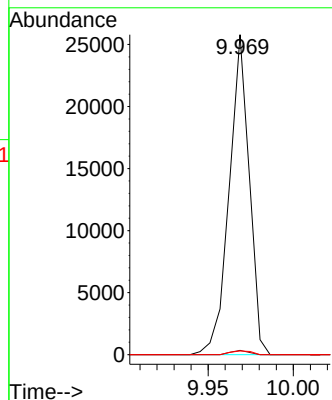
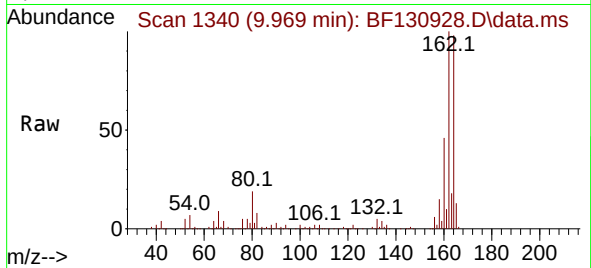




#51
2,6-Dinitrotoluene
Concen: 12.058 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.212 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

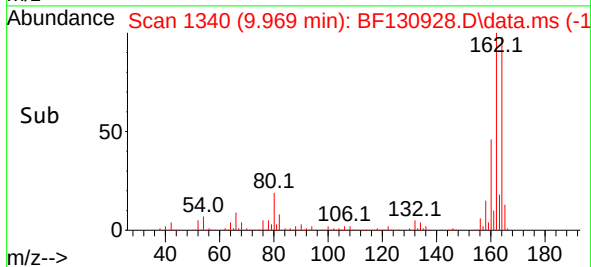
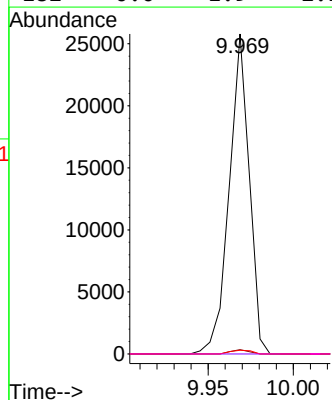
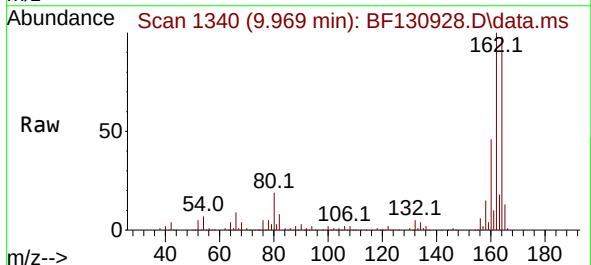
Instrument :
BNA_F
ClientSampleId :
265393-8

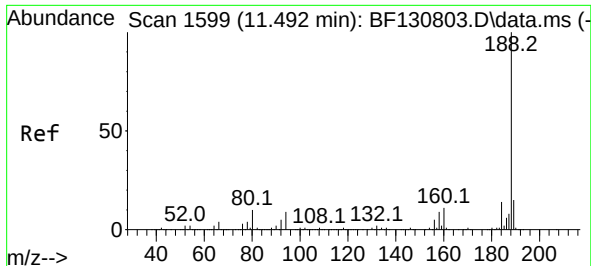
Tgt Ion:165 Resp: 21049
Ion Ratio Lower Upper
165 100
63 1.4 61.8 92.8#
89 1.2 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.934 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.194 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

Tgt Ion:165 Resp: 21049
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.2 61.9 92.9#
182 0.0 1.9 2.9#

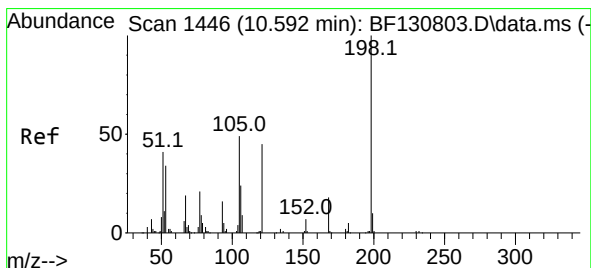
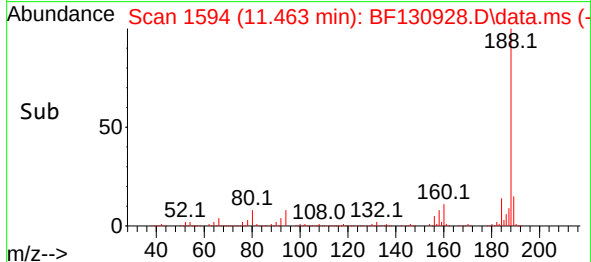
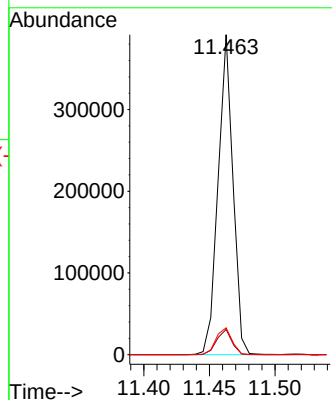
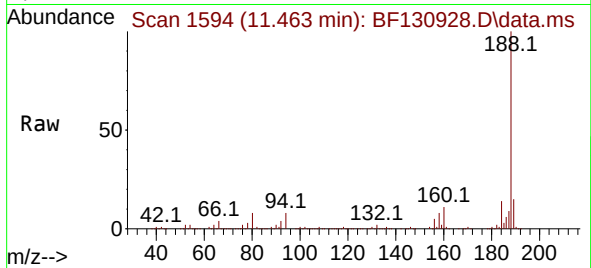




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

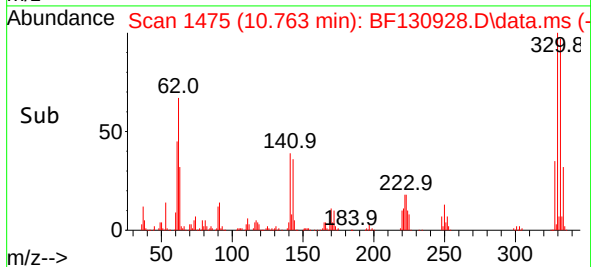
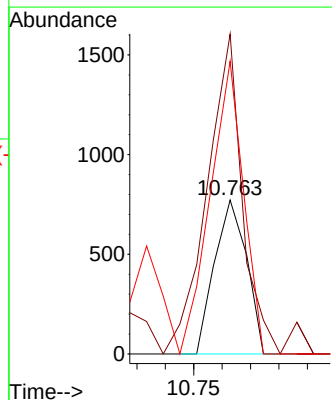
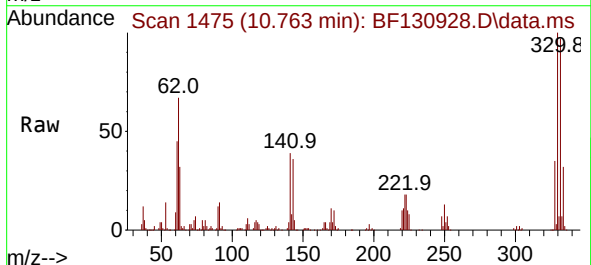
Instrument :
BNA_F
ClientSampleId :
265393-8

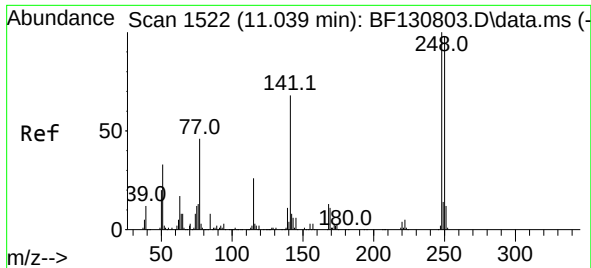
Tgt Ion:188 Resp: 308798
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.2
80 8.4 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.318 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.194 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

Tgt Ion:198 Resp: 603
Ion Ratio Lower Upper
198 100
51 207.9 39.0 79.0#
105 190.3 30.6 70.6#

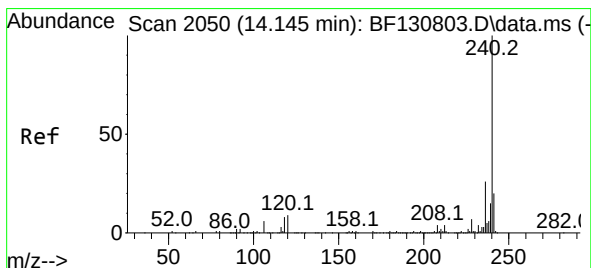
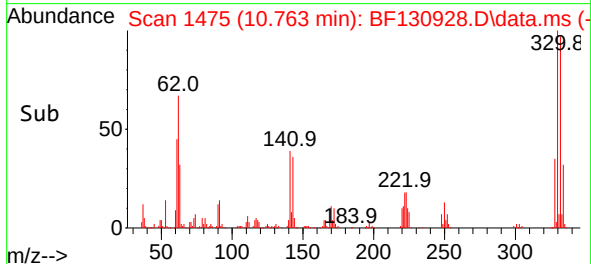
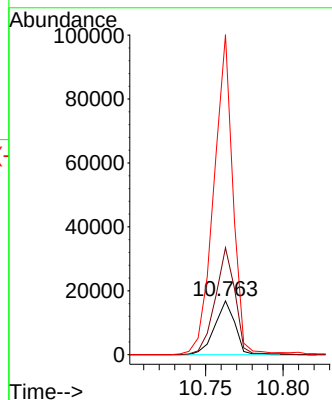
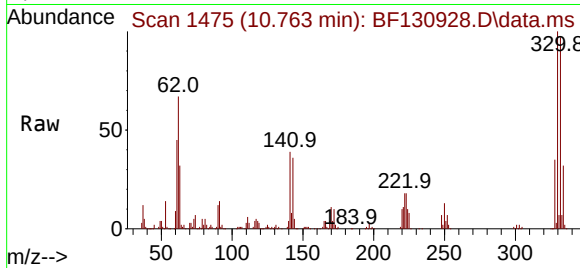




#67
4-Bromophenyl-phenylether
Concen: 4.879 ng
RT: 10.763 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

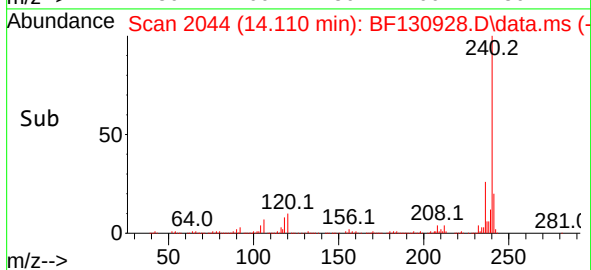
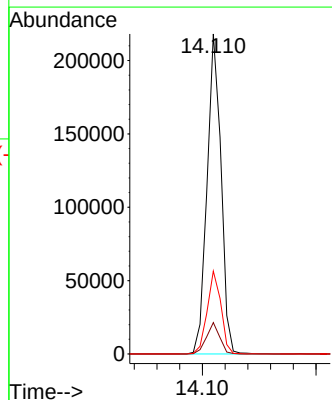
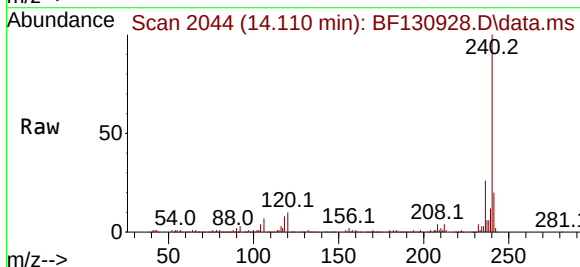
Instrument :
BNA_F
ClientSampleId :
265393-8

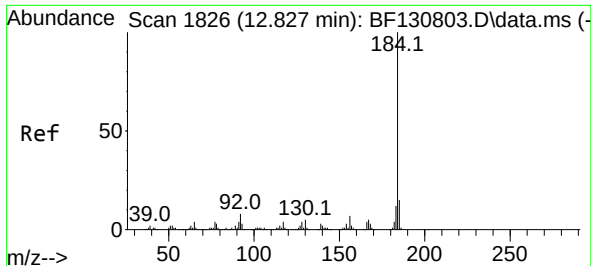
Tgt Ion:248 Resp: 15150
Ion Ratio Lower Upper
248 100
250 198.6 78.6 117.8#
141 594.7 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

Tgt Ion:240 Resp: 185558
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.4
236 25.9 20.5 30.7

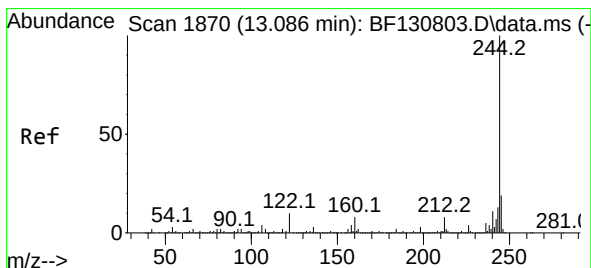
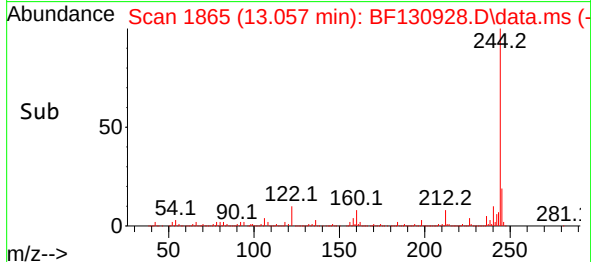
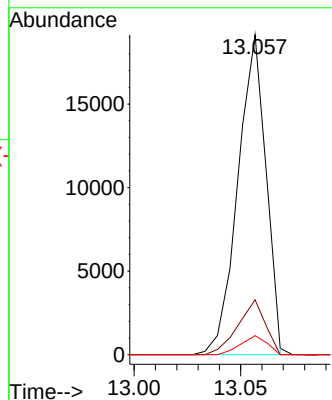
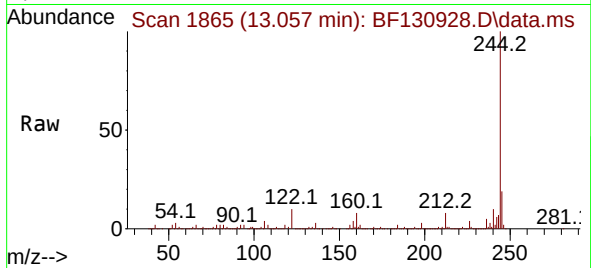




#77
Benzidine
Concen: 3.900 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.253 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

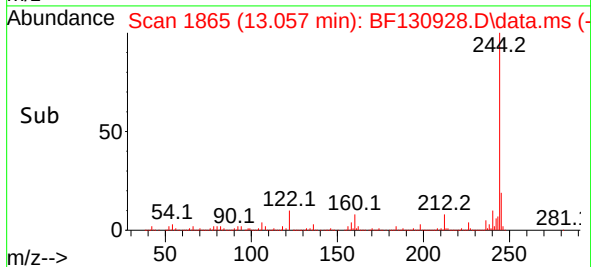
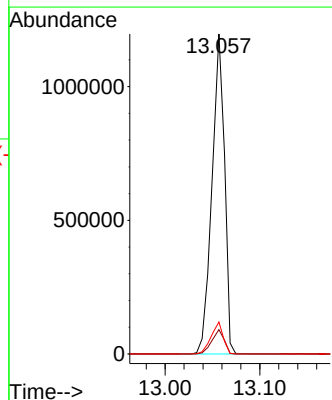
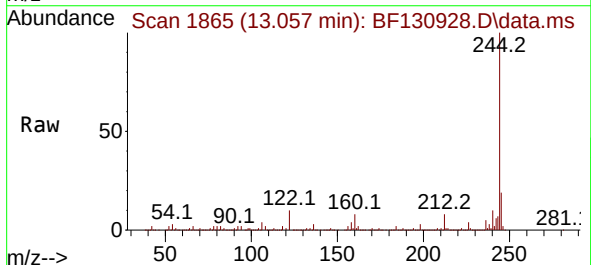
Instrument :
BNA_F
ClientSampleId :
265393-8

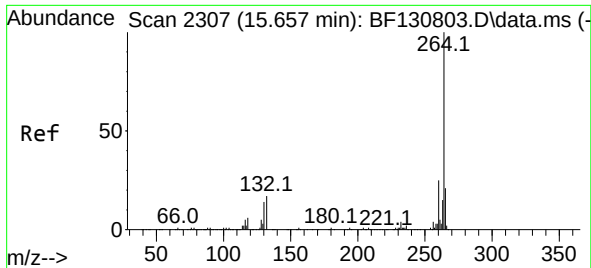
Tgt Ion:184 Resp: 17566
Ion Ratio Lower Upper
184 100
185 17.2 11.8 17.8
183 5.9 9.7 14.5#



#79
Terphenyl-d14
Concen: 108.044 ng
RT: 13.057 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

Tgt Ion:244 Resp: 1094074
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 10.0 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130928.D
Acq: 02 Nov 2022 13:39

Instrument :
BNA_F
ClientSampleId :
265393-8

Tgt Ion:264 Resp: 130623
Ion Ratio Lower Upper
264 100
260 24.6 19.9 29.9
265 20.4 17.0 25.6

