

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130040.D
 Acq On : 29 Aug 2022 18:14
 Operator : CG\JU
 Sample : N4354-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Quant Time: Aug 30 01:29:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 30 01:22:56 2022
 Response via : Initial Calibration

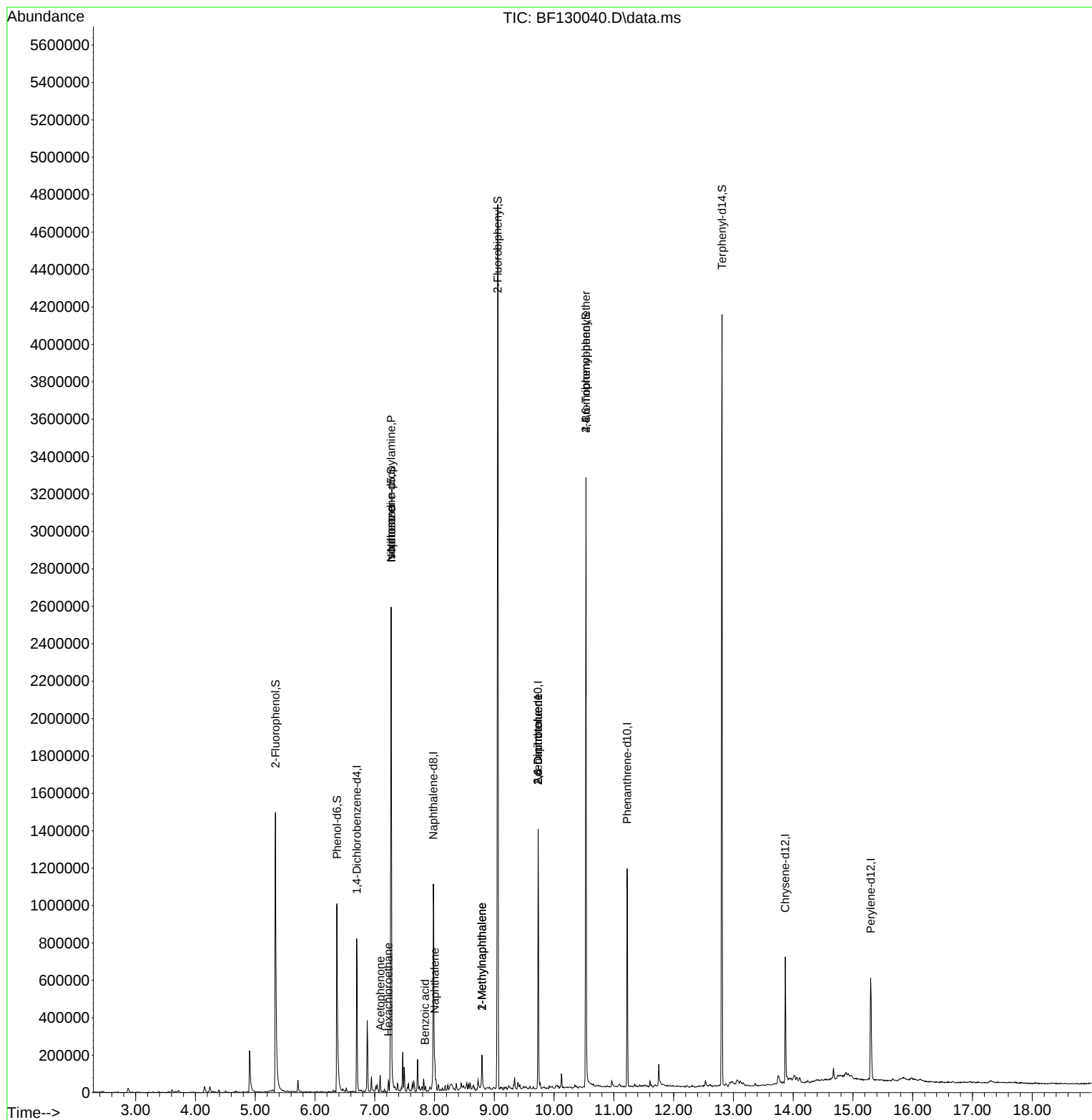
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	123956	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	475608	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	254567	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	412685	20.000	ng	0.00
76) Chrysene-d12	13.868	240	204488	20.000	ng	0.00
86) Perylene-d12	15.298	264	244155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	500885	66.904	ng	0.00
7) Phenol-d6	6.369	99	413819	44.139	ng	0.00
23) Nitrobenzene-d5	7.275	82	789195	88.827	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	361721	141.576	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1487867	88.770	ng	0.00
79) Terphenyl-d14	12.810	244	1353929	110.170	ng	0.00
Target Compounds						
9) Benzaldehyde	6.322	77	136	Below Cal	#	1
18) Hexachloroethane	7.228	117	12779	3.701	ng	# 17
19) n-Nitroso-di-n-propyla...	7.275	70	109550	18.486	ng	# 76
22) Acetophenone	7.092	105	34686	2.993	ng	# 57
25) Isophorone	7.275	82	789195	51.609	ng	# 65
31) Naphthalene	8.004	128	51598	2.075	ng	# 95
32) Benzoic acid	7.839	122	64	2.178	ng	# 1
37) 2-Methylnaphthalene	8.792	142	44871	2.749	ng	94
38) 1-Methylnaphthalene	8.792	142	44871	2.829	ng	98
51) 2,6-Dinitrotoluene	9.733	165	32590	8.233	ng	# 23
57) 2,4-Dinitrotoluene	9.733	165	32590	6.342	ng	# 18
67) 4-Bromophenyl-phenylether	10.533	248	22133	4.579	ng	# 1
77) Benzidine	12.810	184	20054	Below Cal	#	89

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

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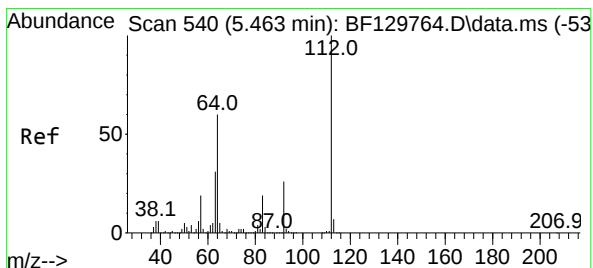
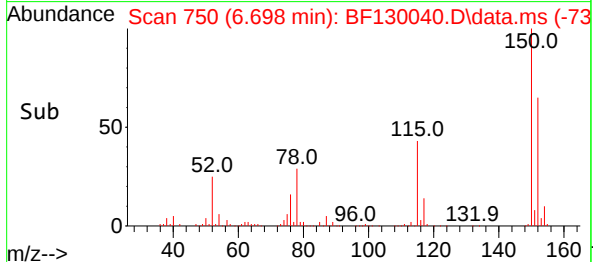
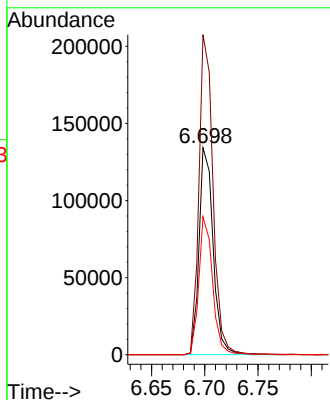
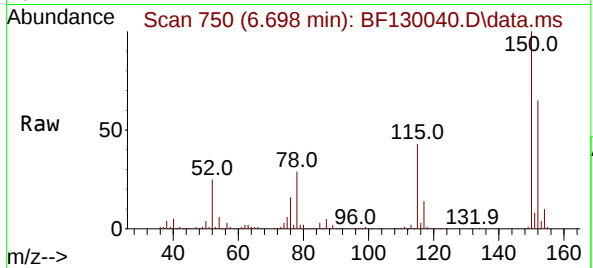




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

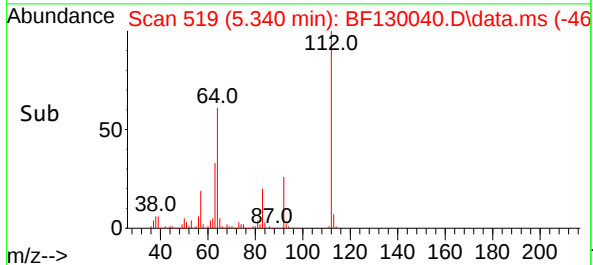
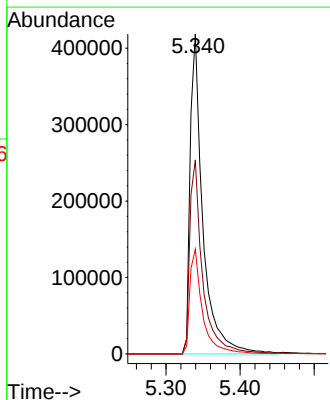
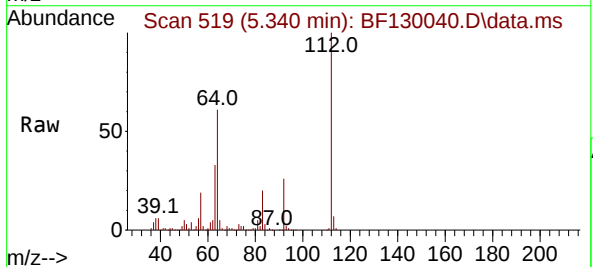
Instrument :
BNA_F
ClientSampleId :
MW-22

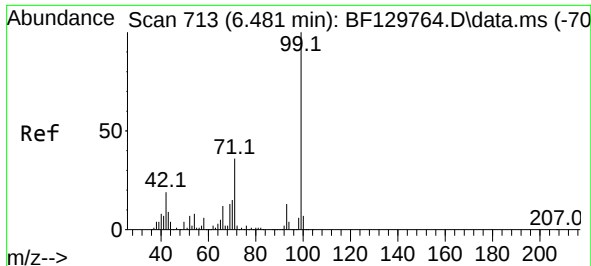
Tgt Ion:152 Resp: 123956
Ion Ratio Lower Upper
152 100
150 154.6 126.9 190.3
115 66.7 53.4 80.0



#5
2-Fluorophenol
Concen: 66.904 ng
RT: 5.340 min Scan# 519
Delta R.T. 0.006 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

Tgt Ion:112 Resp: 500885
Ion Ratio Lower Upper
112 100
64 60.7 47.6 71.4
63 32.7 24.6 37.0

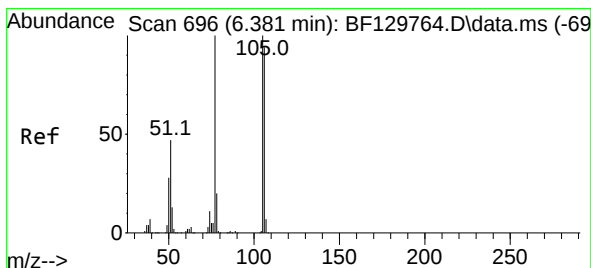
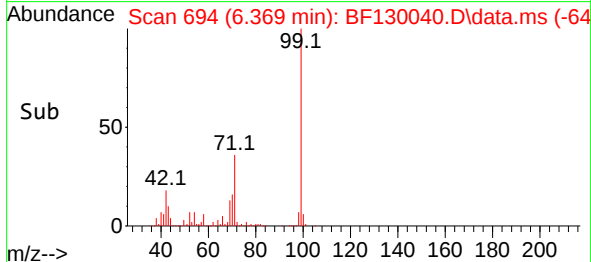
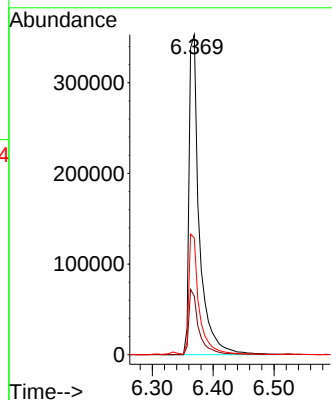
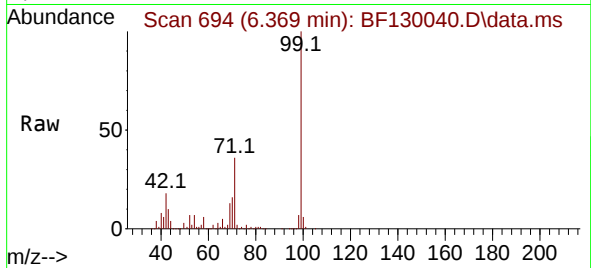




#7
Phenol-d6
Concen: 44.139 ng
RT: 6.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

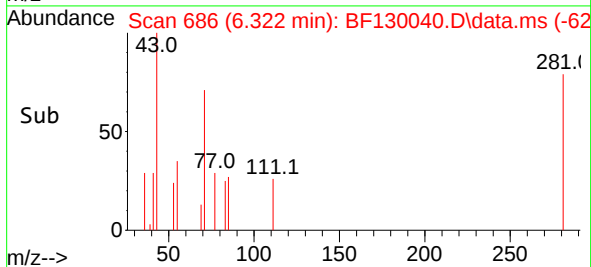
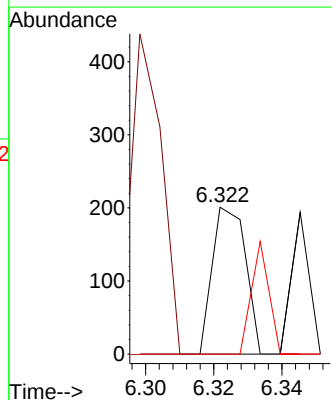
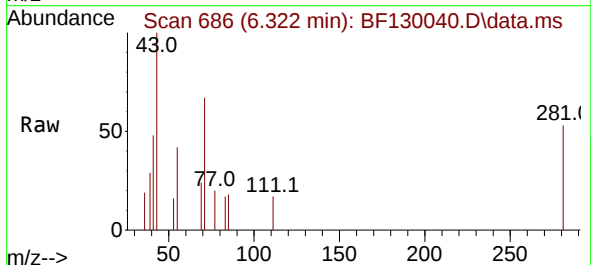
Instrument :
BNA_F
ClientSampleId :
MW-22

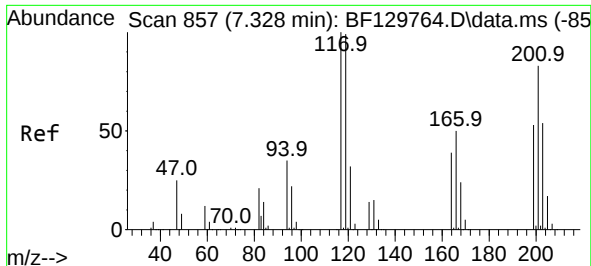
Tgt Ion: 99 Resp: 413819
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.4
71 36.5 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.322 min Scan# 686
Delta R.T. 0.059 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

Tgt Ion: 77 Resp: 136
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

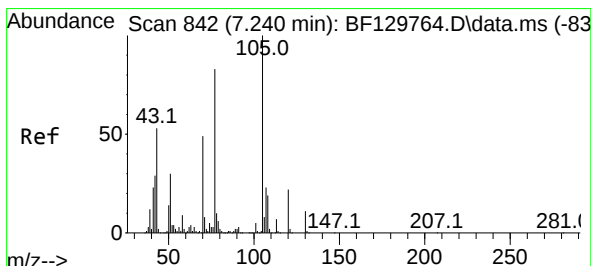
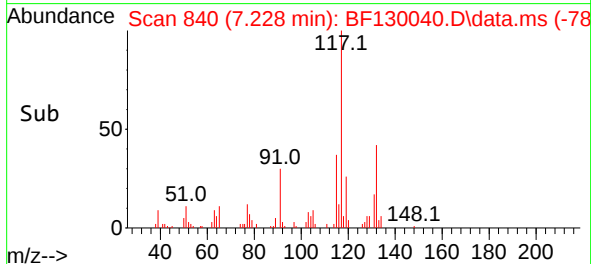
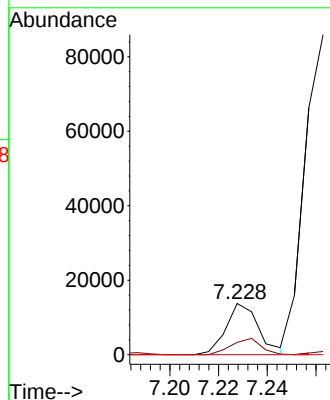
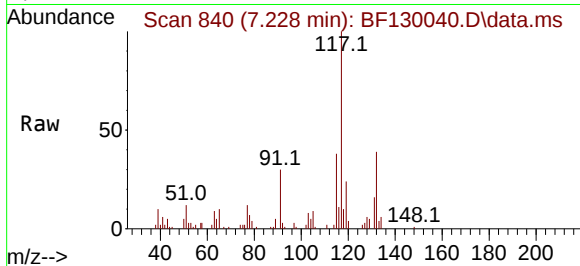




#18
Hexachloroethane
Concen: 3.701 ng
RT: 7.228 min Scan# 84
Delta R.T. 0.024 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

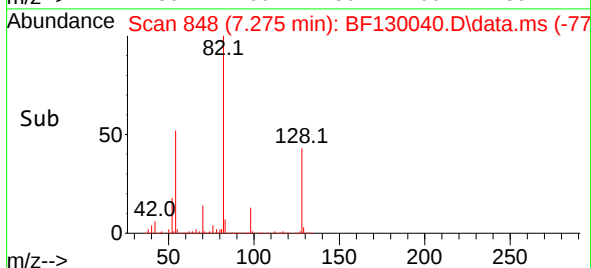
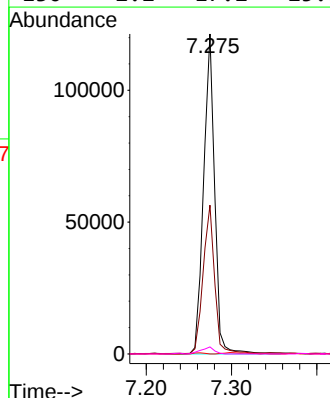
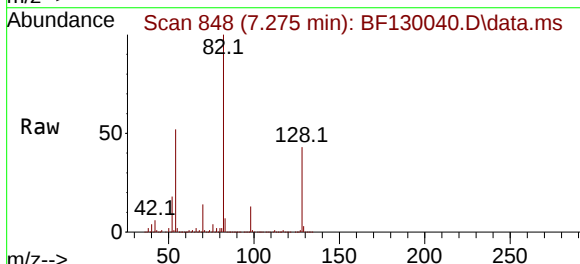
Instrument :
BNA_F
ClientSampleId :
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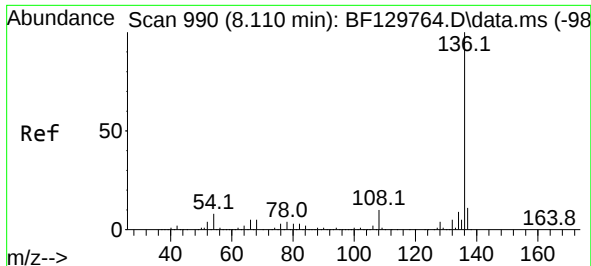
Tgt Ion:117 Resp: 12779
Ion Ratio Lower Upper
117 100
119 24.2 79.1 118.7#
201 0.0 66.6 100.0#



#19
n-Nitroso-di-n-propylamine
Concen: 18.486 ng
RT: 7.275 min Scan# 848
Delta R.T. 0.147 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

Tgt Ion: 70 Resp: 109550
Ion Ratio Lower Upper
70 100
42 46.5 47.6 71.4#
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#

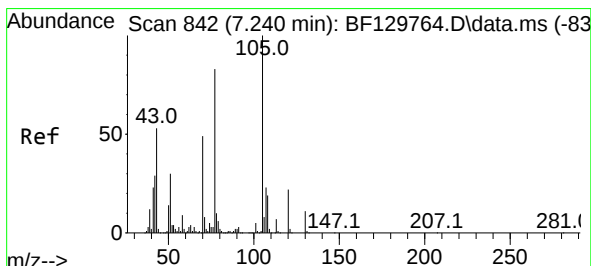
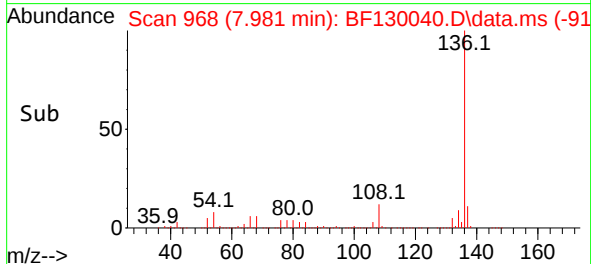
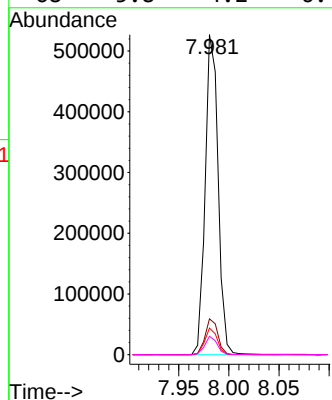
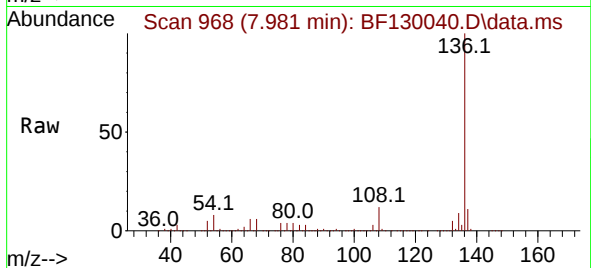




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

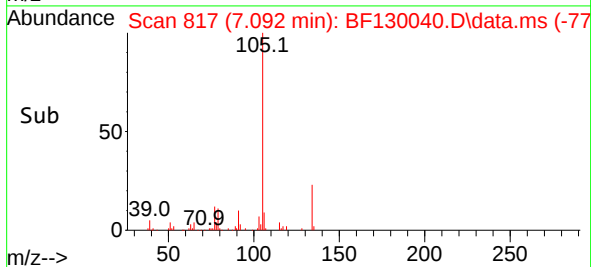
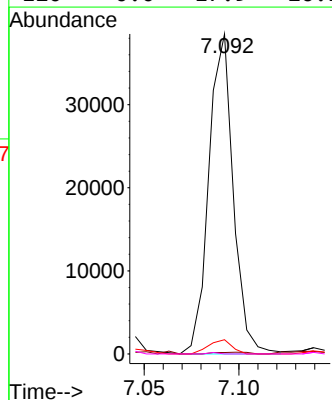
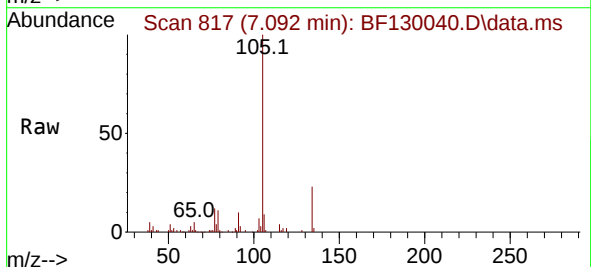
Instrument :
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ClientSampleId :
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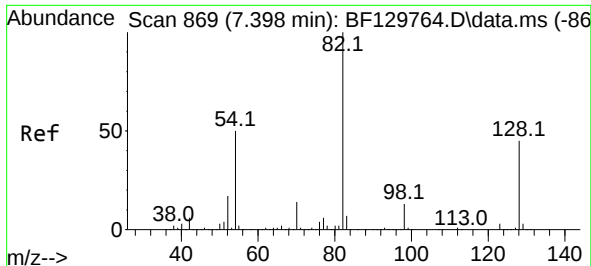
Tgt Ion:136 Resp: 475608
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.3 6.2 9.2
68 5.8 4.2 6.4



#22
Acetophenone
Concen: 2.993 ng
RT: 7.092 min Scan# 817
Delta R.T. -0.029 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

Tgt Ion:105 Resp: 34686
Ion Ratio Lower Upper
105 100
71 0.4 6.6 9.8#
51 4.4 23.8 35.8#
120 0.0 17.9 26.9#

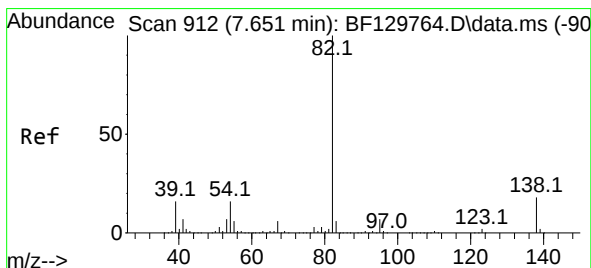
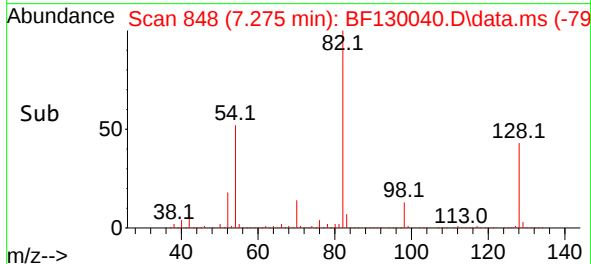
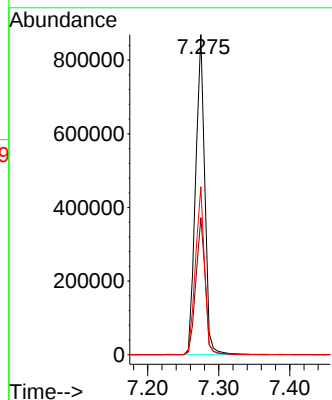
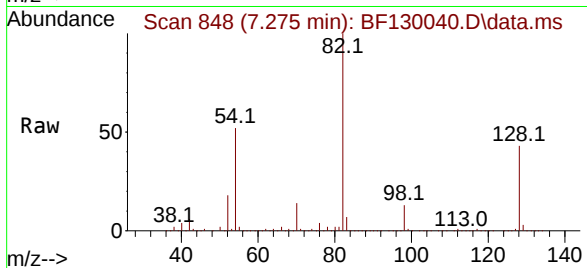




#23
Nitrobenzene-d5
Concen: 88.827 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

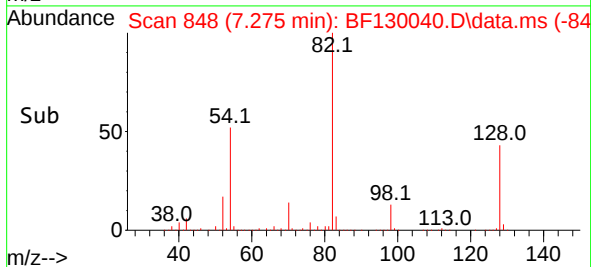
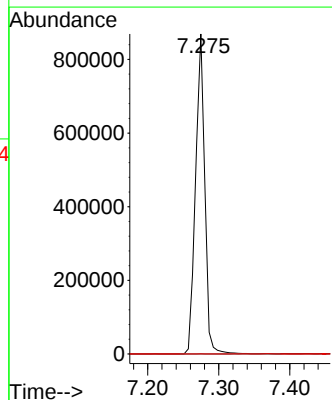
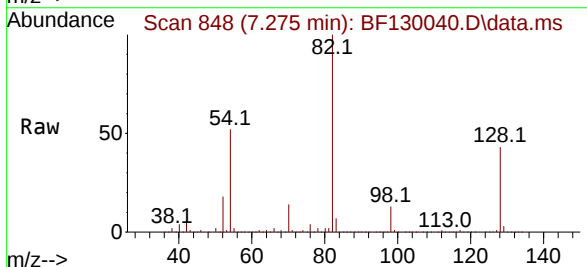
Instrument :
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ClientSampleId :
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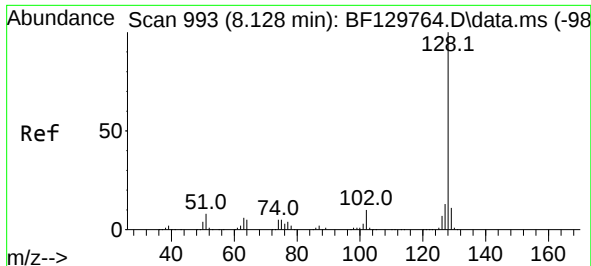
Tgt Ion: 82 Resp: 789195
Ion Ratio Lower Upper
82 100
128 42.8 36.1 54.1
54 52.5 40.0 60.0



#25
Isophorone
Concen: 51.609 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.259 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

Tgt Ion: 82 Resp: 789195
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

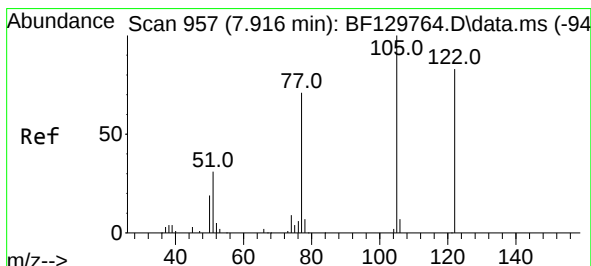
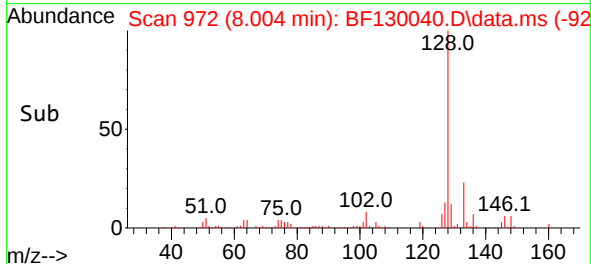
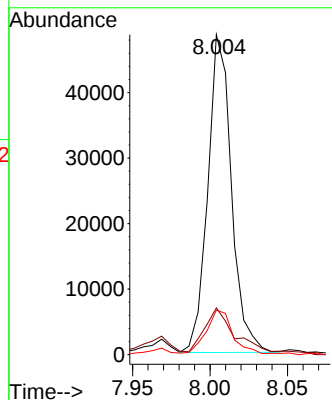
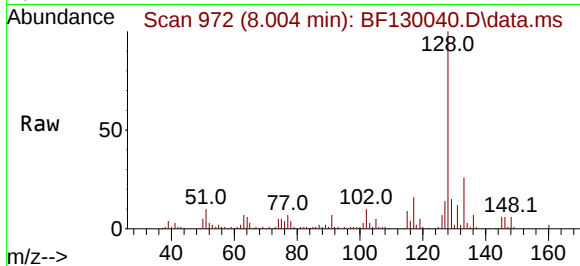




#31
Naphthalene
Concen: 2.075 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

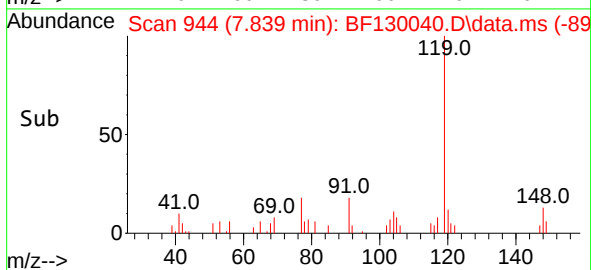
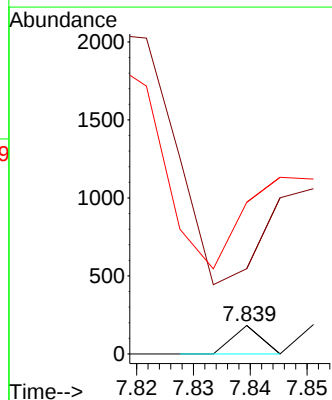
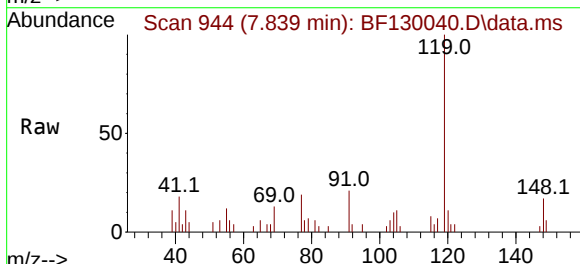
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MW-22

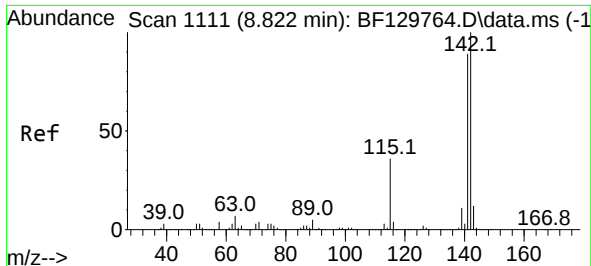
Tgt Ion:128 Resp: 51598
Ion Ratio Lower Upper
128 100
129 14.6 8.9 13.3#
127 14.0 10.7 16.1



#32
Benzoic acid
Concen: 2.178 ng
RT: 7.839 min Scan# 944
Delta R.T. 0.018 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

Tgt Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 300.0 99.9 139.9#
77 534.1 65.9 105.9#





#37

2-Methylnaphthalene

Concen: 2.749 ng

RT: 8.792 min Scan# 1111

Delta R.T. 0.094 min

Lab File: BF130040.D

Acq: 29 Aug 2022 18:14

Instrument :

BNA_F

ClientSampleId :

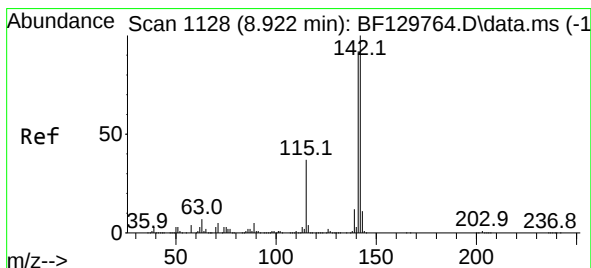
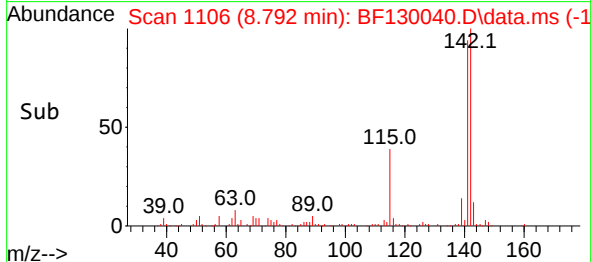
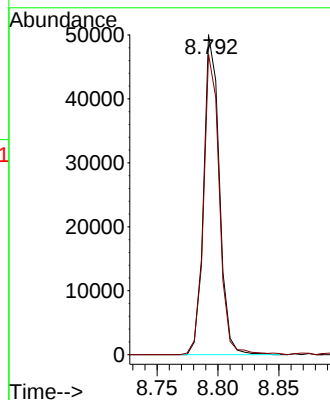
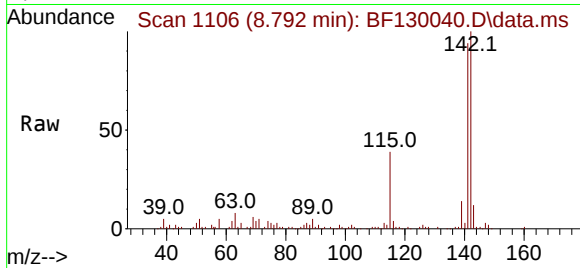
MW-22

Tgt Ion:142 Resp: 44871

Ion Ratio Lower Upper

142 100

141 93.9 70.9 106.3



#38

1-Methylnaphthalene

Concen: 2.829 ng

RT: 8.792 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF130040.D

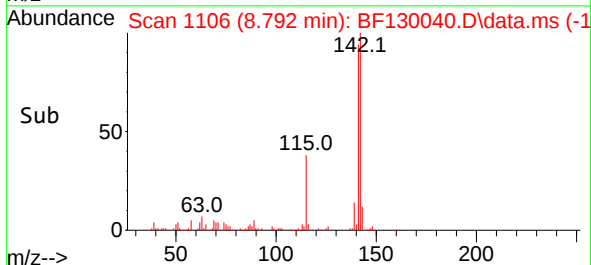
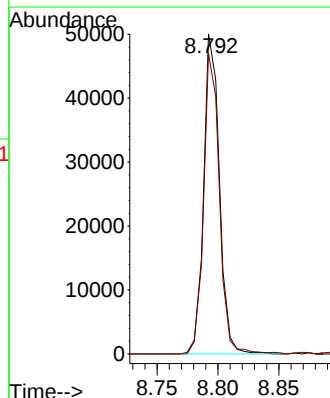
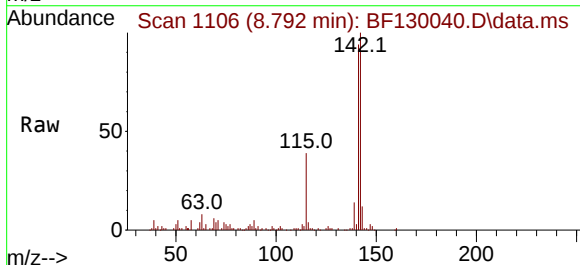
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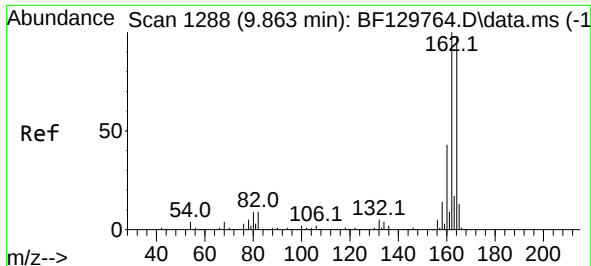
Tgt Ion:142 Resp: 44871

Ion Ratio Lower Upper

142 100

141 93.9 73.5 110.3

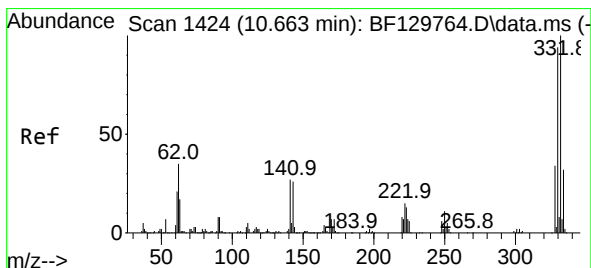
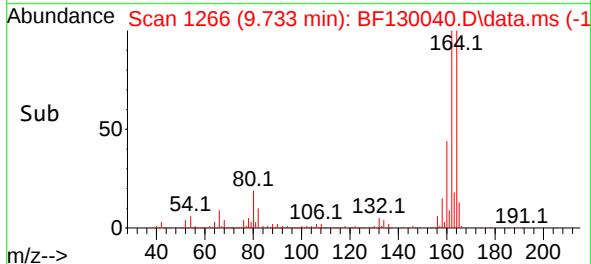
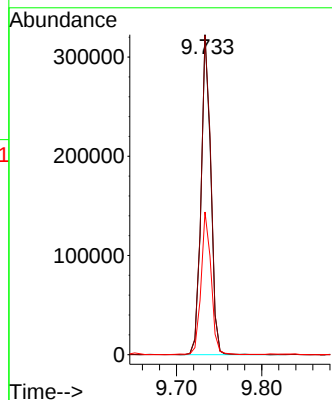
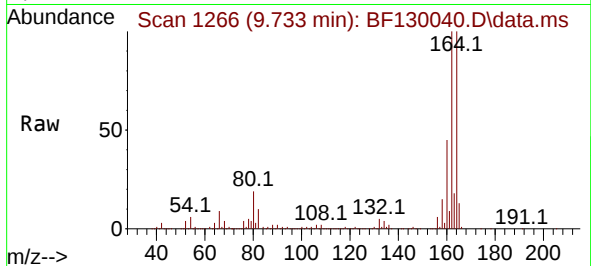




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

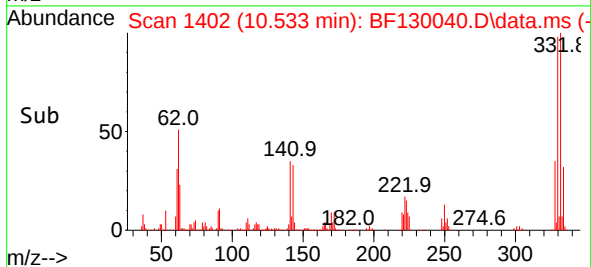
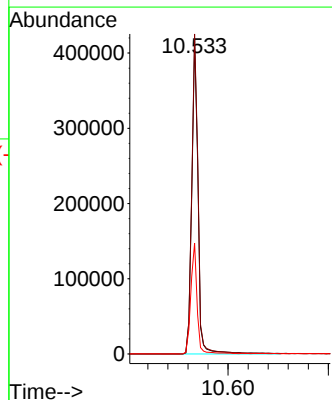
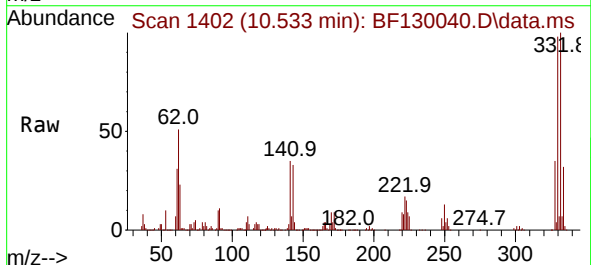
Instrument :
BNA_F
ClientSampleId :
MW-22

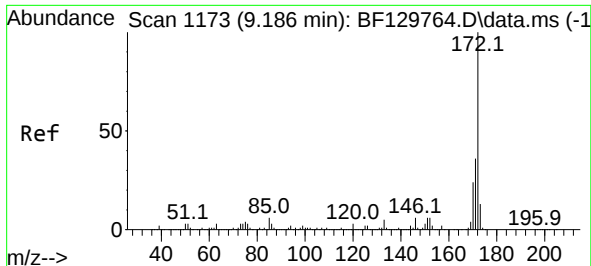
Tgt Ion:164 Resp: 254567
Ion Ratio Lower Upper
164 100
162 99.8 82.0 123.0
160 44.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 141.576 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

Tgt Ion:330 Resp: 361721
Ion Ratio Lower Upper
330 100
332 102.7 82.6 124.0
141 35.7 27.6 41.4

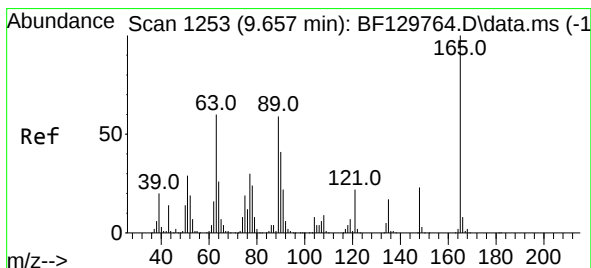
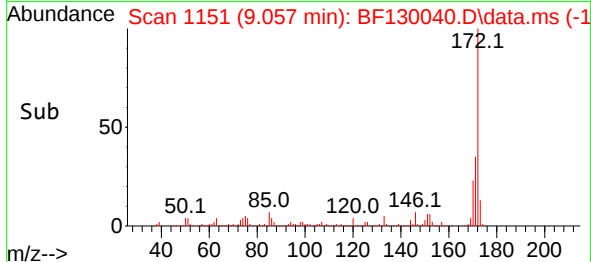
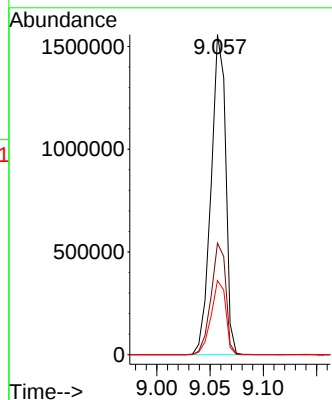
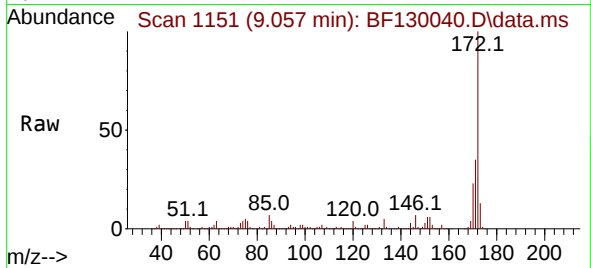




#45
2-Fluorobiphenyl
Concen: 88.770 ng
RT: 9.057 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

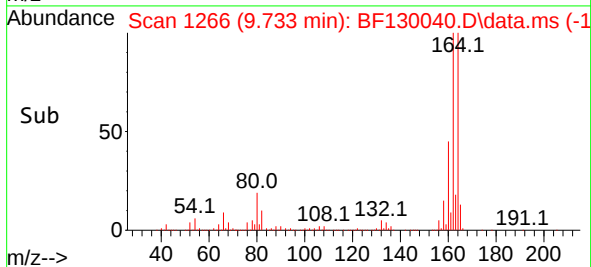
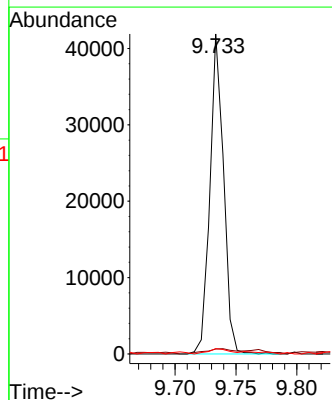
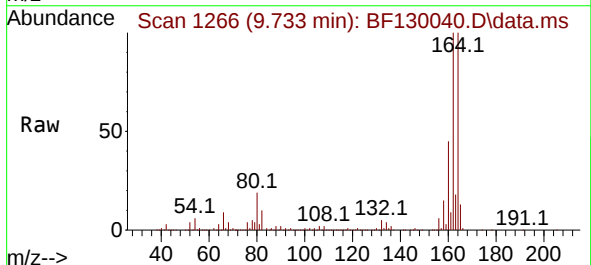
Instrument :
BNA_F
ClientSampleId :
MW-22

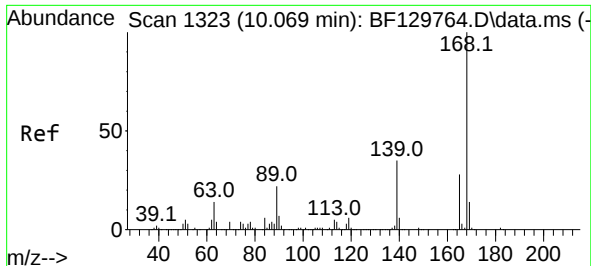
Tgt Ion:172 Resp: 1487867
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.2 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 8.233 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.188 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

Tgt Ion:165 Resp: 32590
Ion Ratio Lower Upper
165 100
63 1.5 47.8 71.8#
89 1.7 47.2 70.8#

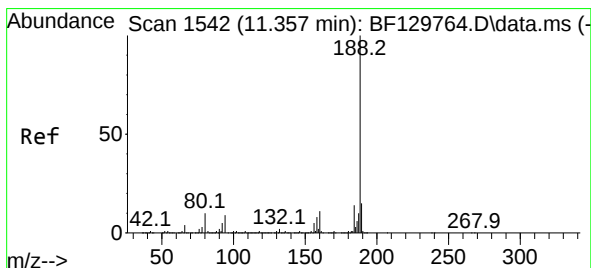
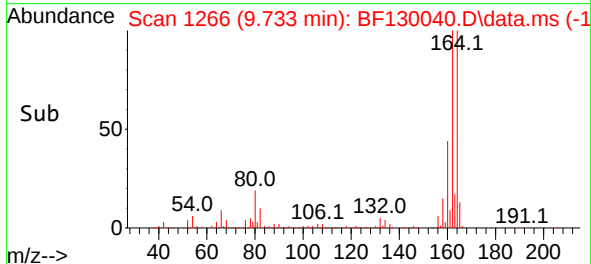
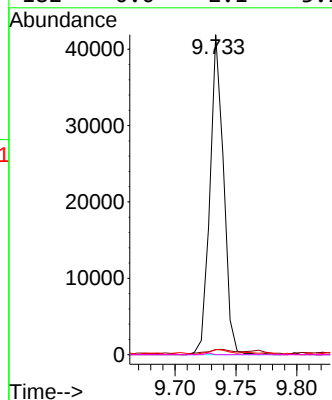
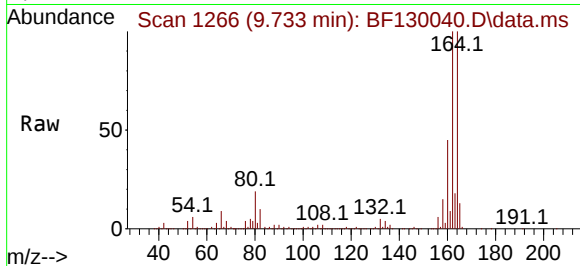




#57
2,4-Dinitrotoluene
Concen: 6.342 ng
RT: 9.733 min Scan# 1519
Delta R.T. -0.218 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

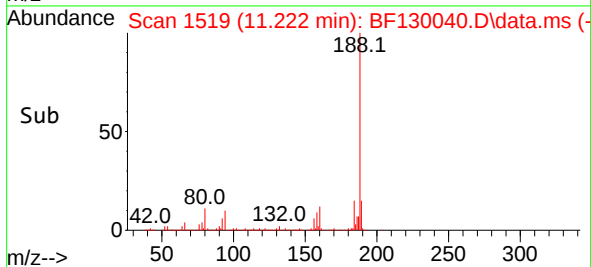
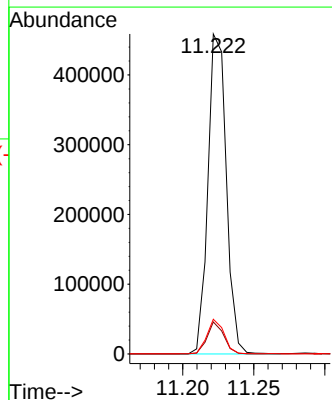
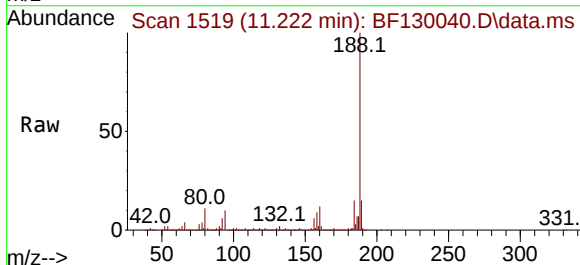
Instrument :
BNA_F
ClientSampleId :
MW-22

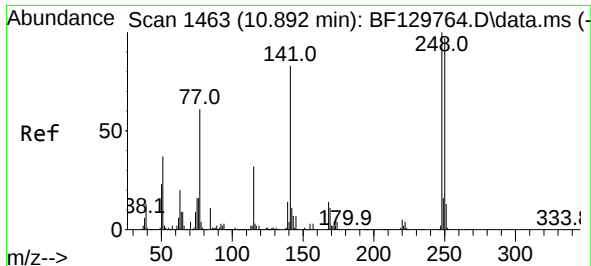
Tgt Ion:165 Resp: 32590
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 1.7 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

Tgt Ion:188 Resp: 412685
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.8 7.9 11.9

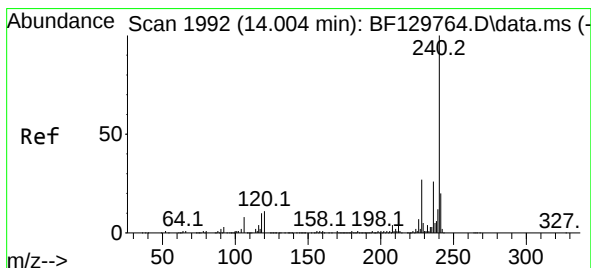
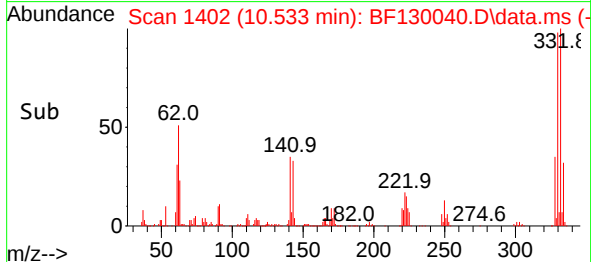
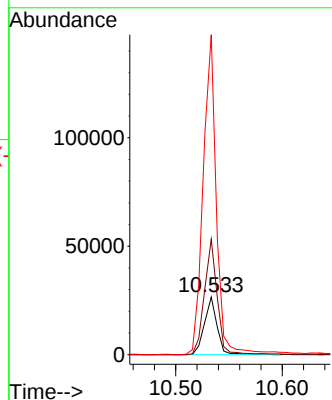
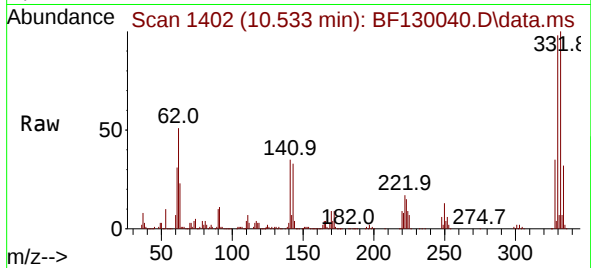




#67
4-Bromophenyl-phenylether
Concen: 4.579 ng
RT: 10.533 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

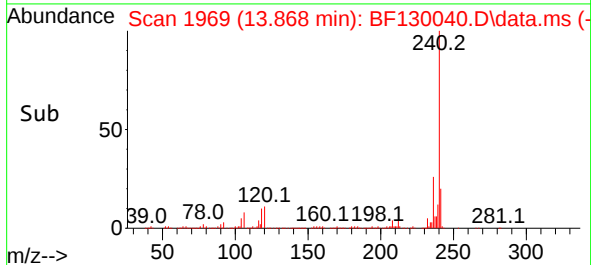
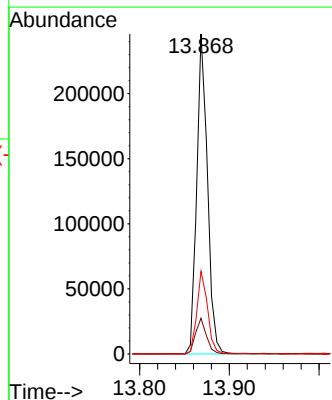
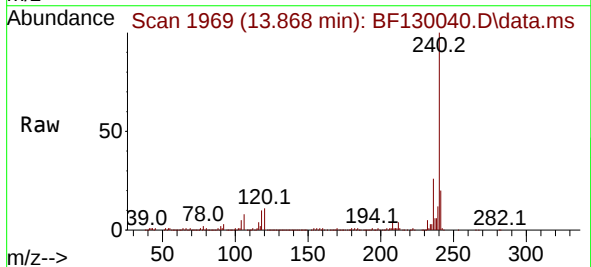
Instrument :
BNA_F
ClientSampleId :
MW-22

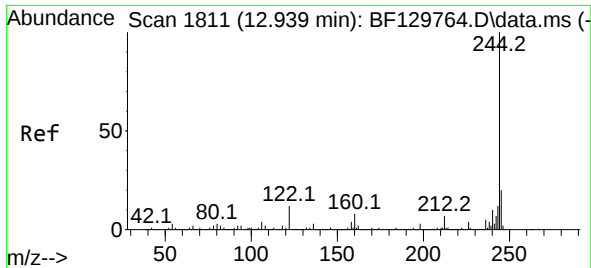
Tgt Ion:248 Resp: 22133
Ion Ratio Lower Upper
248 100
250 200.6 77.8 116.6#
141 555.6 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BF130040.D
Acq: 29 Aug 2022 18:14

Tgt Ion:240 Resp: 204488
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 25.8 20.7 31.1

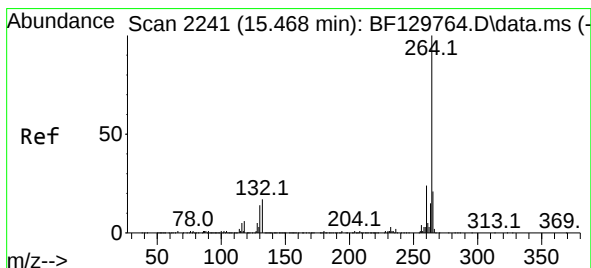
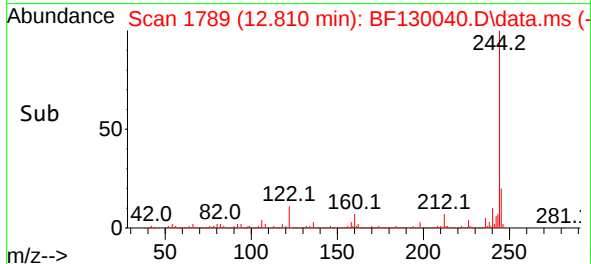
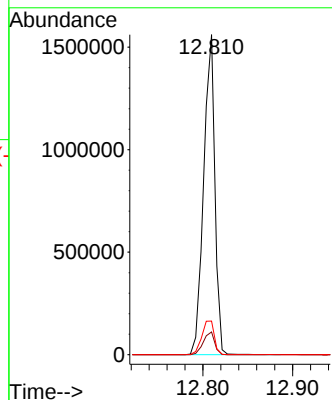
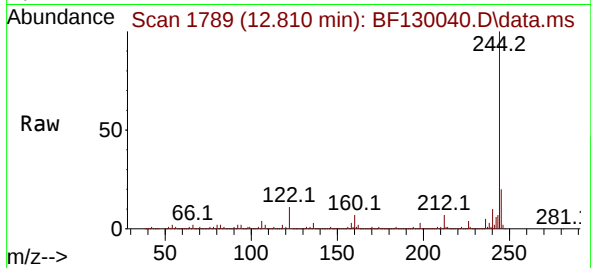




#79
 Terphenyl-d14
 Concen: 110.170 ng
 RT: 12.810 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130040.D
 Acq: 29 Aug 2022 18:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Tgt Ion:244 Resp: 1353929
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2212
 Delta R.T. -0.006 min
 Lab File: BF130040.D
 Acq: 29 Aug 2022 18:14

Tgt Ion:264 Resp: 244155
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.4 16.7 25.1

