

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130329.D
 Acq On : 19 Sep 2022 19:50
 Operator : CG\JU
 Sample : N4671-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Sep 20 02:28:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

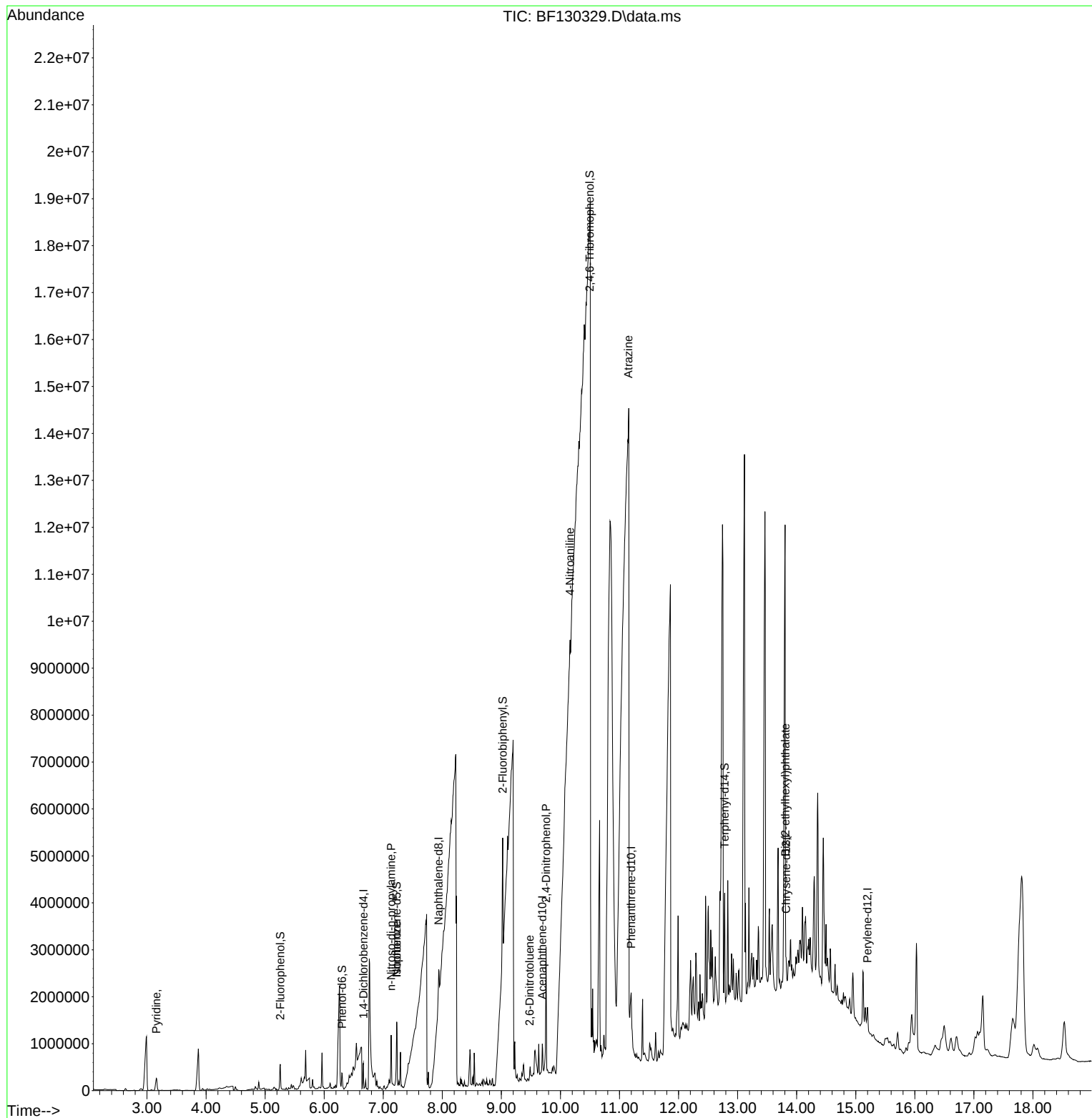
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.663	152	80049	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	259753	20.000	ng	0.00
39) Acenaphthene-d10	9.692	164	118124	20.000	ng	0.00
64) Phenanthrene-d10	11.198	188	189757	20.000	ng	0.02
76) Chrysene-d12	13.821	240	178344	20.000	ng	0.02
86) Perylene-d12	15.198	264	129187	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	157492	34.125	ng	0.00
7) Phenol-d6	6.304	99	109963	19.042	ng	0.00
23) Nitrobenzene-d5	7.228	82	452173	88.934	ng	0.00
42) 2,4,6-Tribromophenol	10.498	330	63060	55.714	ng	0.02
45) 2-Fluorobiphenyl	9.022	172	738529	91.043	ng	0.00
79) Terphenyl-d14	12.780	244	825887	76.710	ng	0.02
Target Compounds						Qvalue
3) Pyridine	3.157	79	73293	13.256	ng	# 1
19) n-Nitroso-di-n-propyla...	7.134	70	19518	5.009	ng	# 1
25) Isophorone	7.228	82	451341	55.077	ng	# 66
51) 2,6-Dinitrotoluene	9.481	165	5567	3.262	ng	# 24
54) 2,4-Dinitrophenol	9.757	184	4669	10.904	ng	# 21
62) 4-Nitroaniline	10.163	138	238503	124.859	ng	# 13
69) Atrazine	11.151	200	123440	66.612	ng	# 52
84) Bis(2-ethylhexyl)phtha...	13.810	149	43919	6.634	ng	# 88

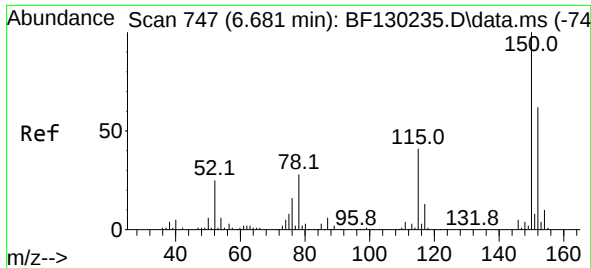
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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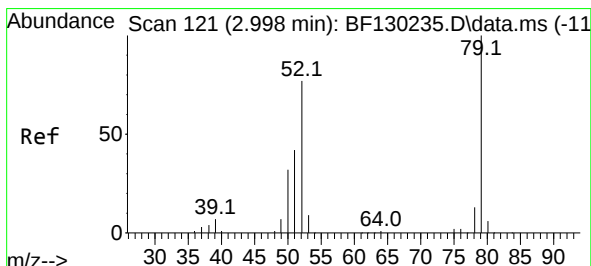
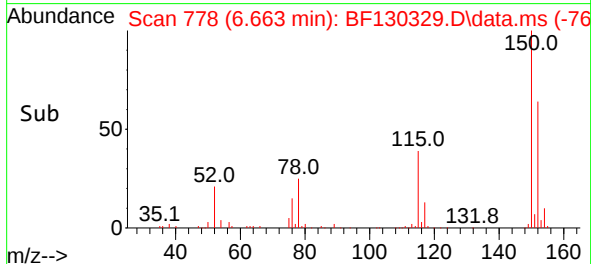
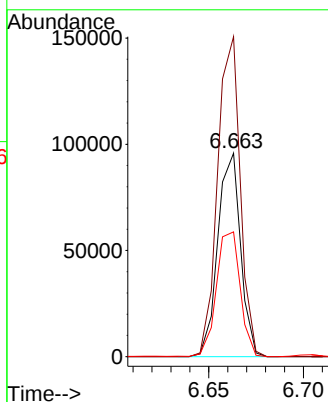
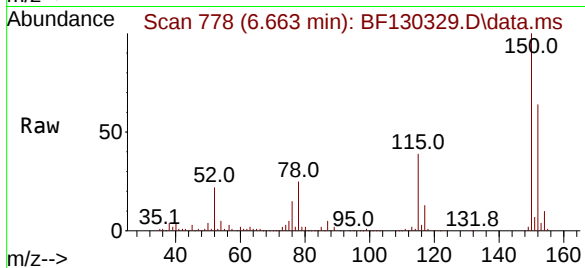




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.663 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130329.D
 Acq: 19 Sep 2022 19:50

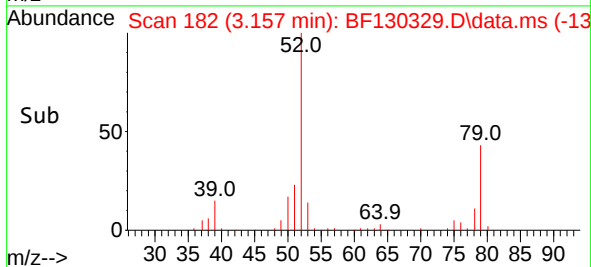
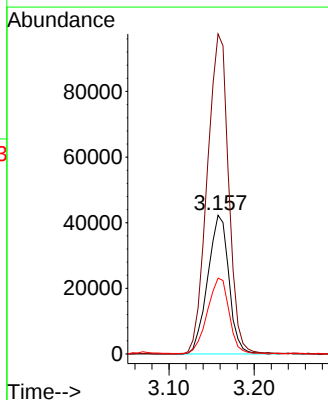
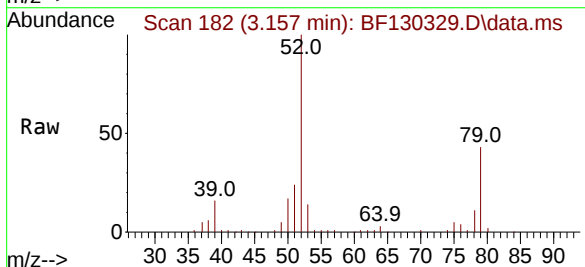
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

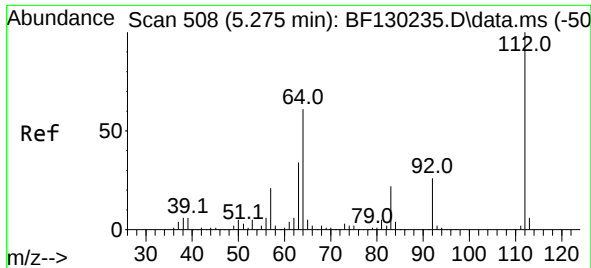
Tgt Ion:152 Resp: 80049
 Ion Ratio Lower Upper
 152 100
 150 157.2 122.8 184.2
 115 61.3 53.8 80.8



#3
 Pyridine
 Concen: 13.256 ng
 RT: 3.157 min Scan# 182
 Delta R.T. 0.188 min
 Lab File: BF130329.D
 Acq: 19 Sep 2022 19:50

Tgt Ion: 79 Resp: 73293
 Ion Ratio Lower Upper
 79 100
 52 230.6 62.4 93.6#
 51 54.7 32.2 48.4#

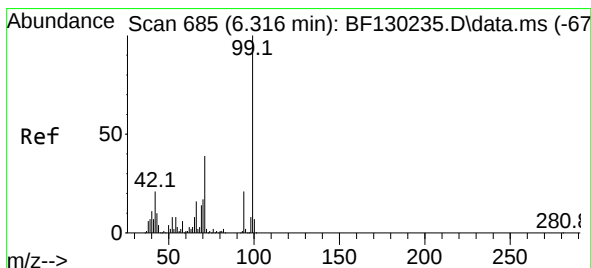
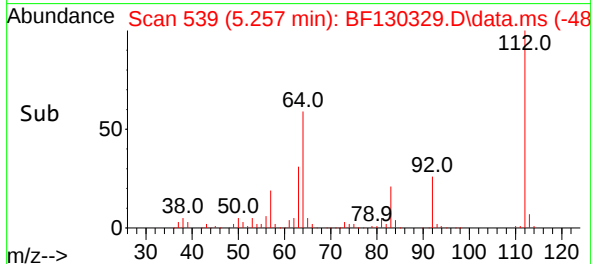
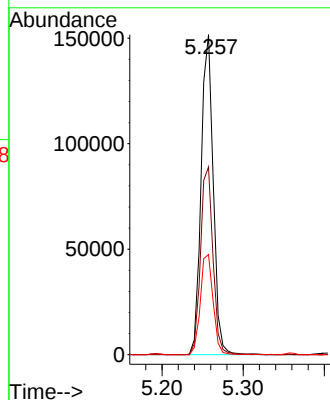
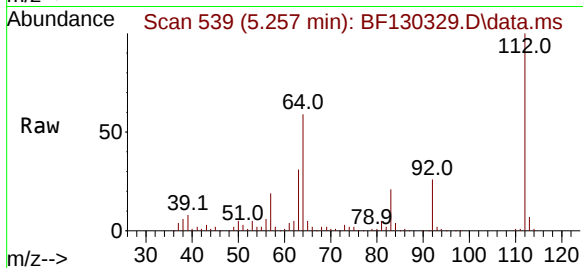




#5
2-Fluorophenol
Concen: 34.125 ng
RT: 5.257 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF130329.D
Acq: 19 Sep 2022 19:50

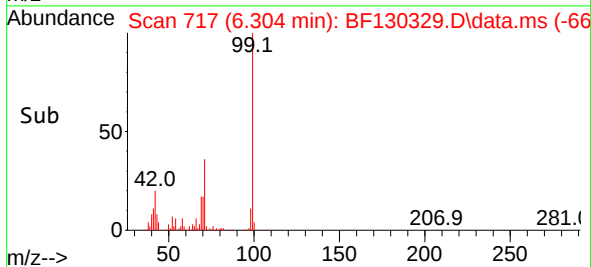
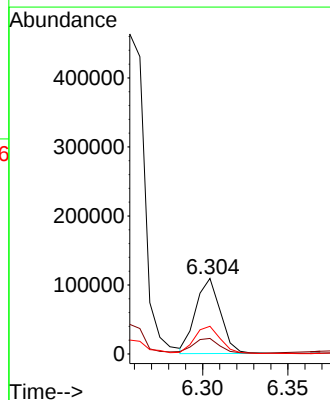
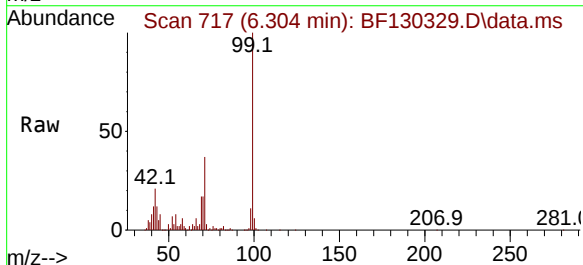
Instrument :
BNA_F
ClientSampleId :
EFF-WW

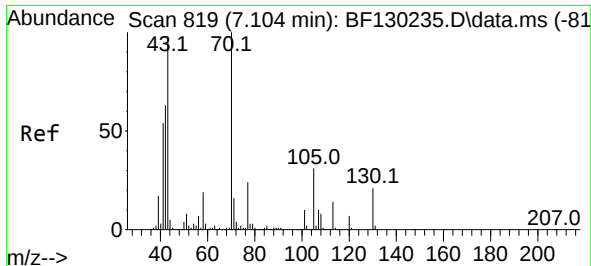
Tgt Ion:112 Resp: 157492
Ion Ratio Lower Upper
112 100
64 58.6 51.4 77.0
63 31.3 28.8 43.2



#7
Phenol-d6
Concen: 19.042 ng
RT: 6.304 min Scan# 717
Delta R.T. 0.006 min
Lab File: BF130329.D
Acq: 19 Sep 2022 19:50

Tgt Ion: 99 Resp: 109963
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 36.7 32.3 48.5

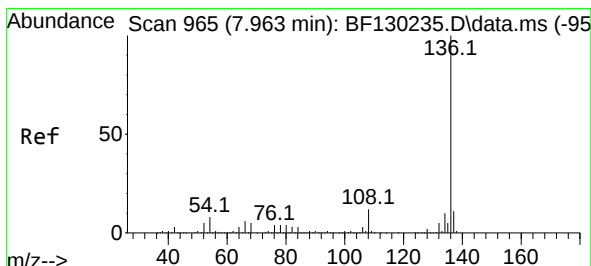
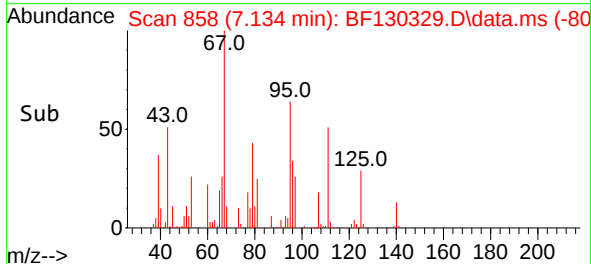
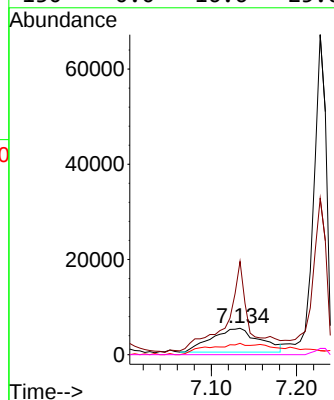
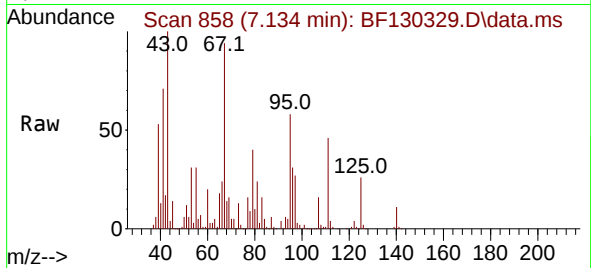




#19
n-Nitroso-di-n-propylamine
Concen: 5.009 ng
RT: 7.134 min Scan# 819
Delta R.T. 0.041 min
Lab File: BF130329.D
Acq: 19 Sep 2022 19:50

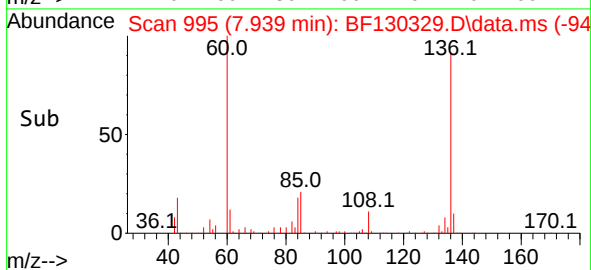
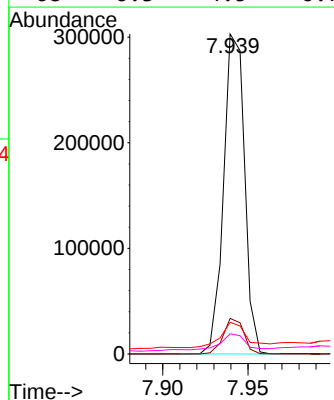
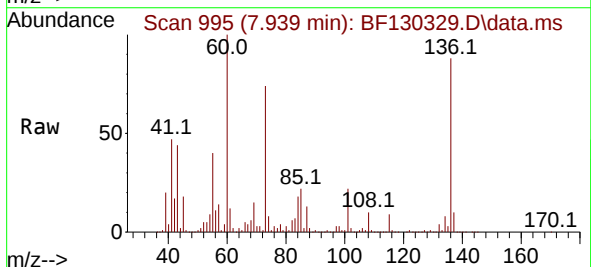
Instrument :
BNA_F
ClientSampleId :
EFF-WW

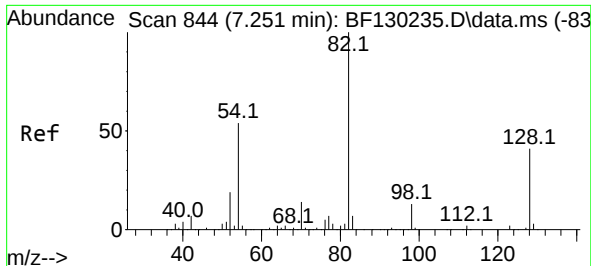
Tgt Ion: 70 Resp: 19518
Ion Ratio Lower Upper
70 100
42 353.8 50.8 76.2#
101 43.1 8.2 12.4#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF130329.D
Acq: 19 Sep 2022 19:50

Tgt Ion:136 Resp: 259753
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.9 7.1 10.7
68 6.3 4.5 6.7

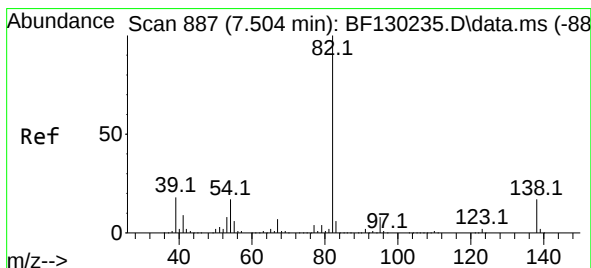
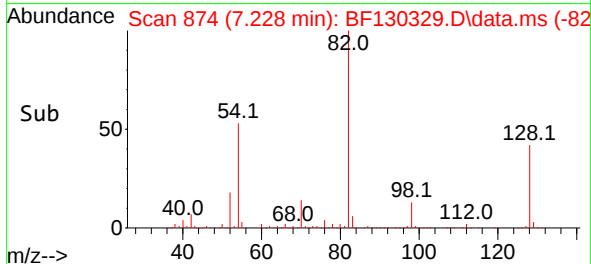
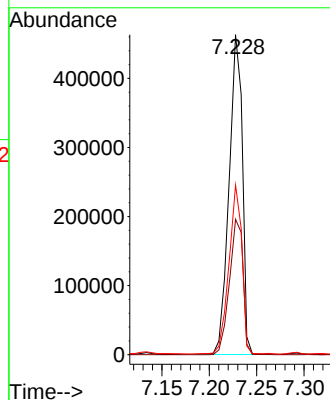
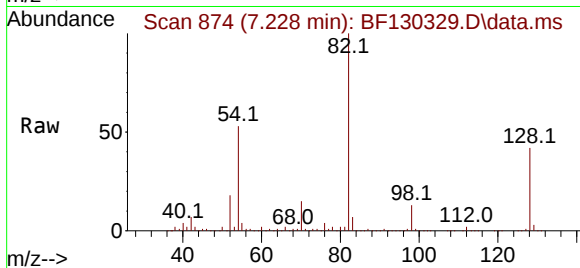




#23
Nitrobenzene-d5
Concen: 88.934 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130329.D
Acq: 19 Sep 2022 19:50

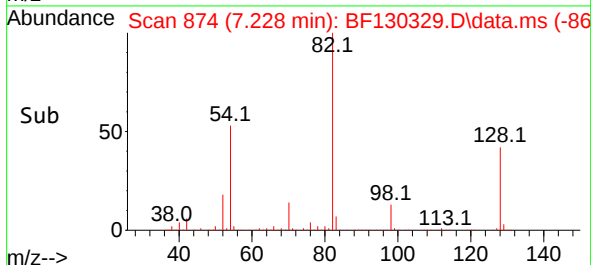
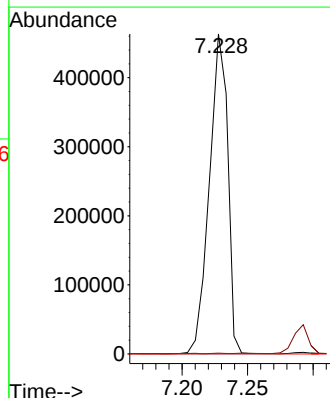
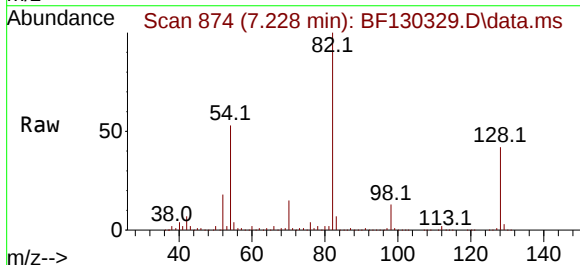
Instrument :
BNA_F
ClientSampleId :
EFF-WW

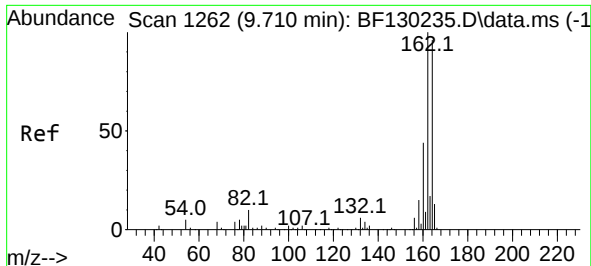
Tgt Ion: 82 Resp: 452173
Ion Ratio Lower Upper
82 100
128 42.3 32.6 49.0
54 53.0 43.8 65.6



#25
Isophorone
Concen: 55.077 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.265 min
Lab File: BF130329.D
Acq: 19 Sep 2022 19:50

Tgt Ion: 82 Resp: 451341
Ion Ratio Lower Upper
82 100
95 0.2 6.4 9.6#
138 0.0 13.8 20.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.692 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130329.D

Acq: 19 Sep 2022 19:50

Instrument :

BNA_F

ClientSampleId :

EFF-WW

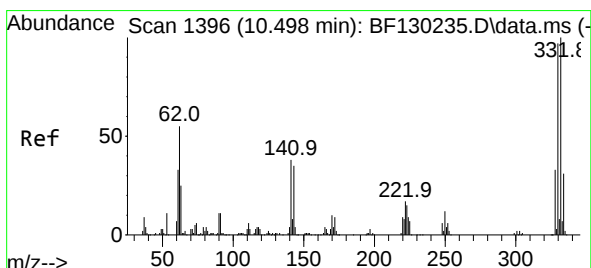
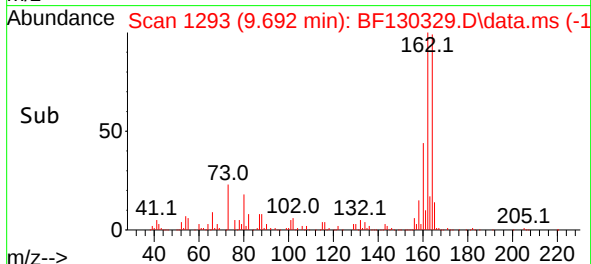
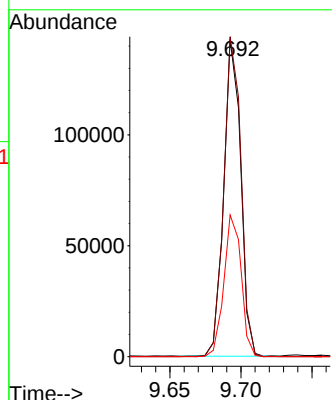
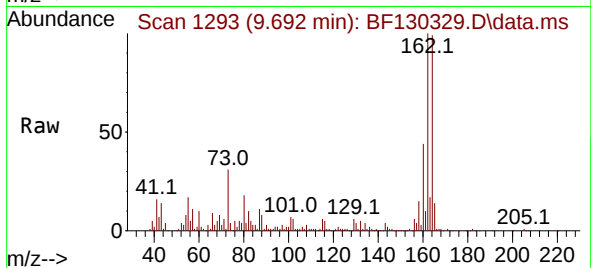
Tgt Ion:164 Resp: 118124

Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.0

160 44.7 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 55.714 ng

RT: 10.498 min Scan# 1430

Delta R.T. 0.018 min

Lab File: BF130329.D

Acq: 19 Sep 2022 19:50

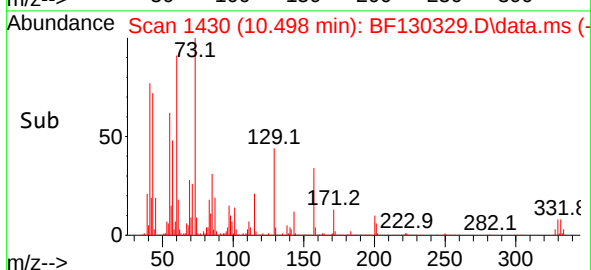
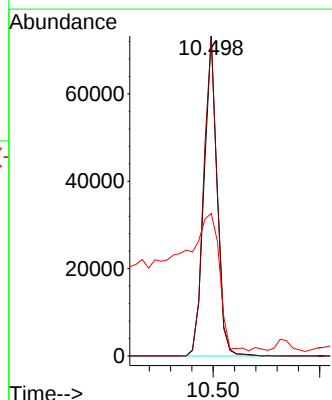
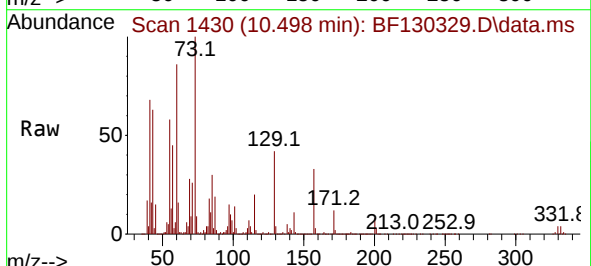
Tgt Ion:330 Resp: 63060

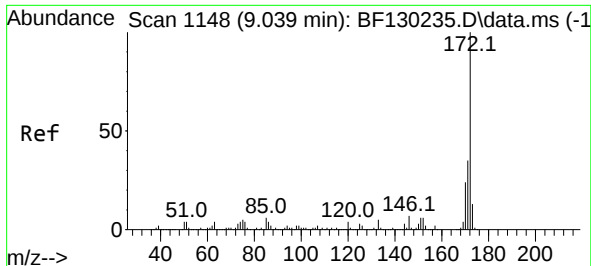
Ion Ratio Lower Upper

330 100

332 101.4 83.4 125.2

141 67.8 34.0 51.0#

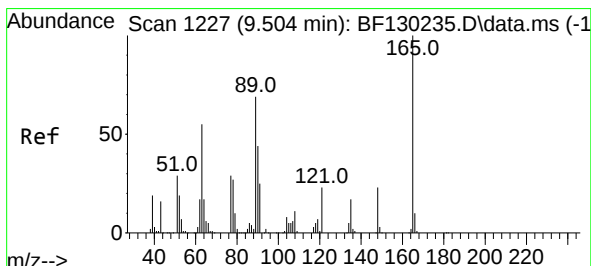
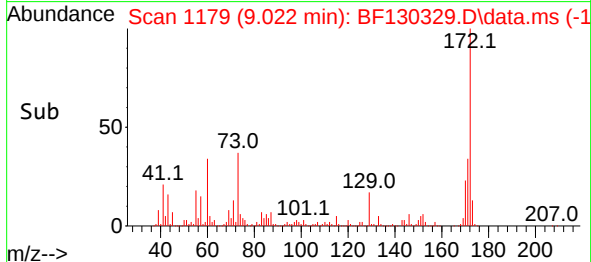
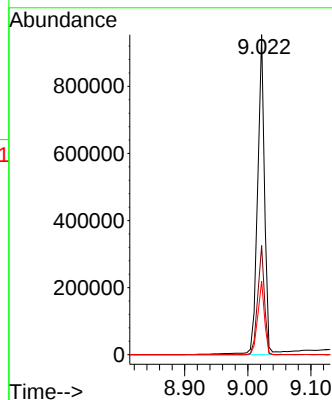
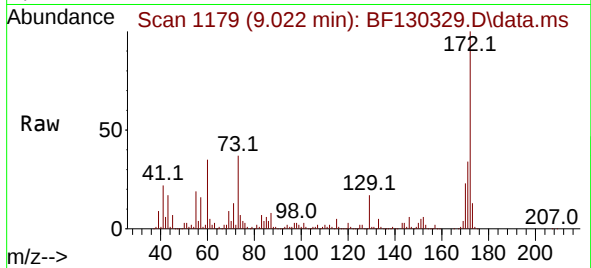




#45
2-Fluorobiphenyl
Concen: 91.043 ng
RT: 9.022 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130329.D
Acq: 19 Sep 2022 19:50

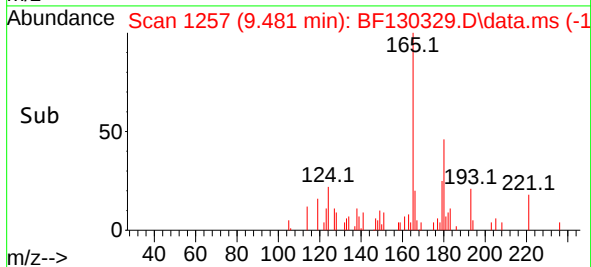
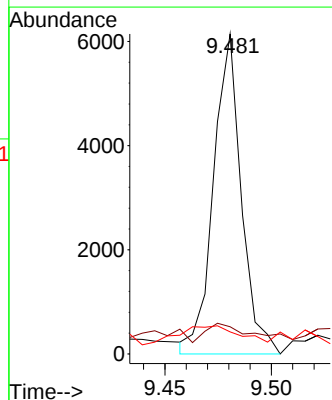
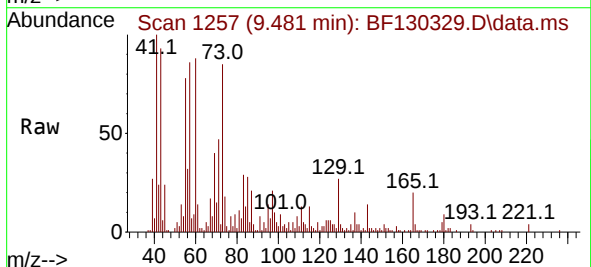
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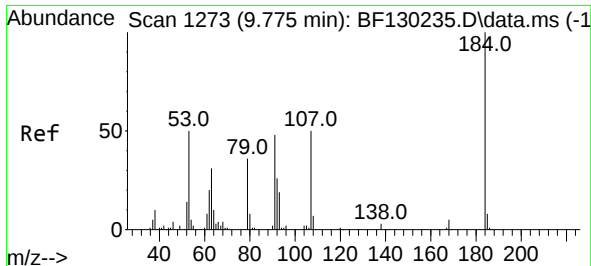
Tgt Ion:172 Resp: 738529
Ion Ratio Lower Upper
172 100
171 34.1 28.3 42.5
170 23.0 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 3.262 ng
RT: 9.481 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BF130329.D
Acq: 19 Sep 2022 19:50

Tgt Ion:165 Resp: 5567
Ion Ratio Lower Upper
165 100
63 8.5 58.8 88.2#
89 6.9 54.5 81.7#

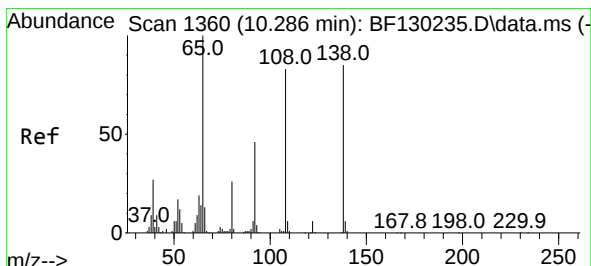
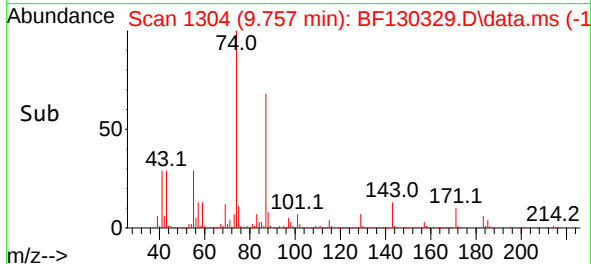
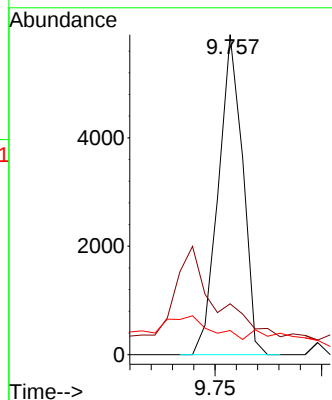
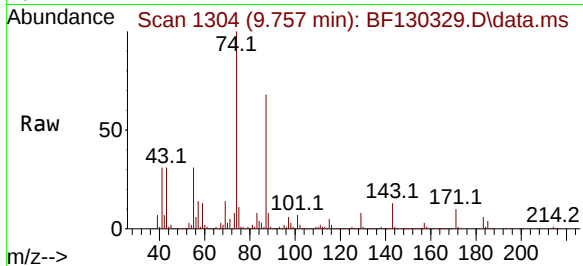




#54
2,4-Dinitrophenol
Concen: 10.904 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130329.D
Acq: 19 Sep 2022 19:50

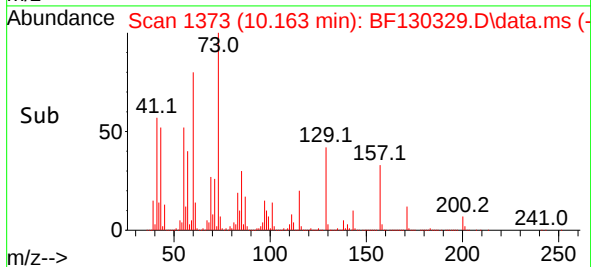
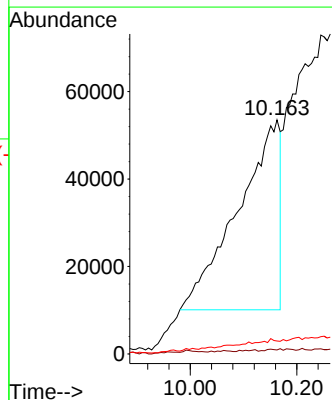
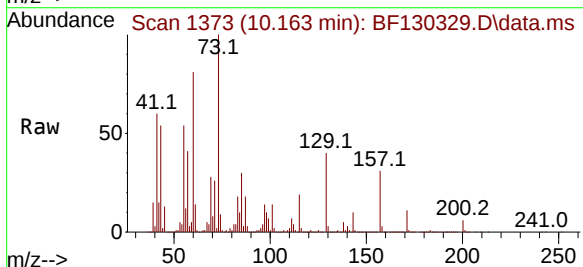
Instrument :
BNA_F
ClientSampleId :
EFF-WW

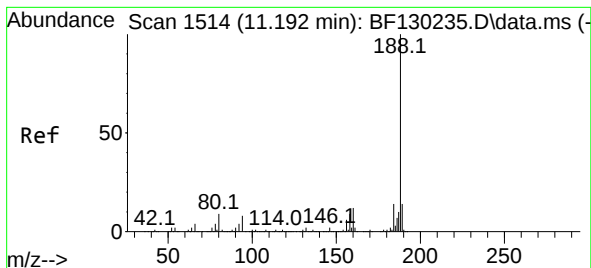
Tgt Ion:184 Resp: 4669
Ion Ratio Lower Upper
184 100
63 15.9 70.0 105.0#
154 7.6 63.0 94.6#



#62
4-Nitroaniline
Concen: 124.859 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.106 min
Lab File: BF130329.D
Acq: 19 Sep 2022 19:50

Tgt Ion:138 Resp: 238503
Ion Ratio Lower Upper
138 100
92 1.7 36.7 76.7#
108 5.5 78.2 118.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.198 min Scan# 11

Delta R.T. 0.024 min

Lab File: BF130329.D

Acq: 19 Sep 2022 19:50

Instrument :

BNA_F

ClientSampleId :

EFF-WW

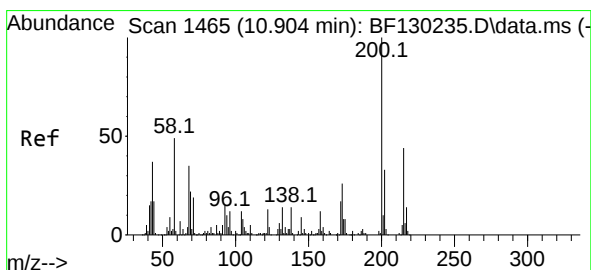
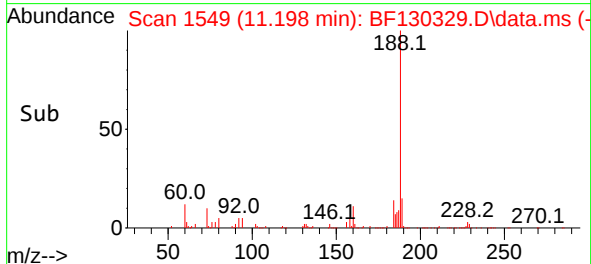
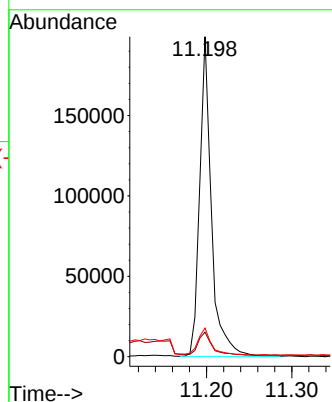
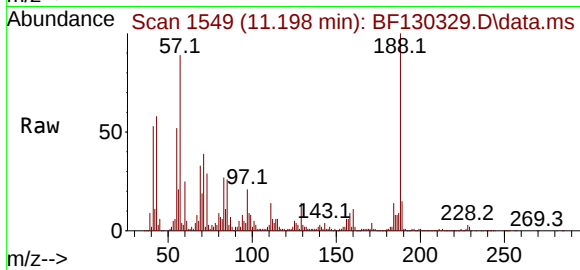
Tgt Ion:188 Resp: 189757

Ion Ratio Lower Upper

188 100

94 7.6 7.4 11.2

80 8.9 7.9 11.9



#69

Atrazine

Concen: 66.612 ng

RT: 11.151 min Scan# 1541

Delta R.T. 0.265 min

Lab File: BF130329.D

Acq: 19 Sep 2022 19:50

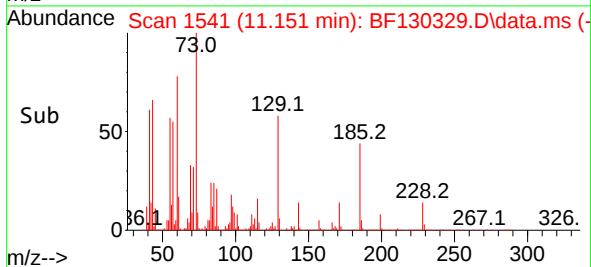
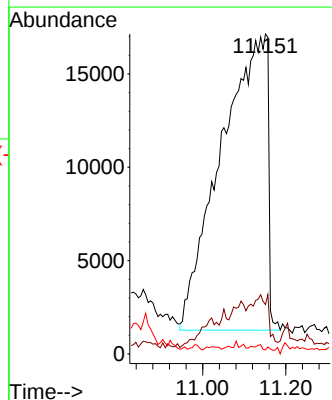
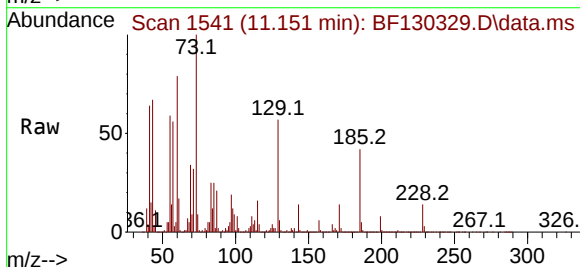
Tgt Ion:200 Resp: 123440

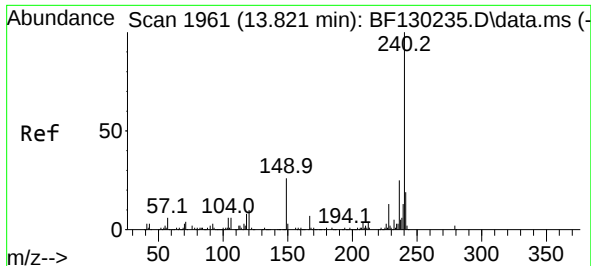
Ion Ratio Lower Upper

200 100

173 15.5 6.2 46.2

215 1.3 22.5 62.5#

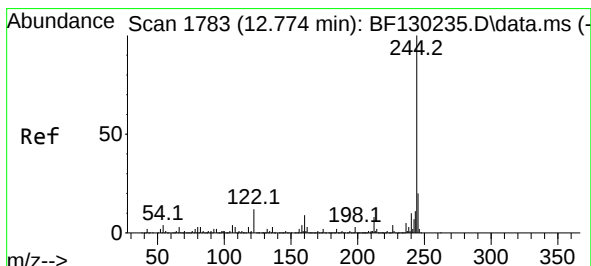
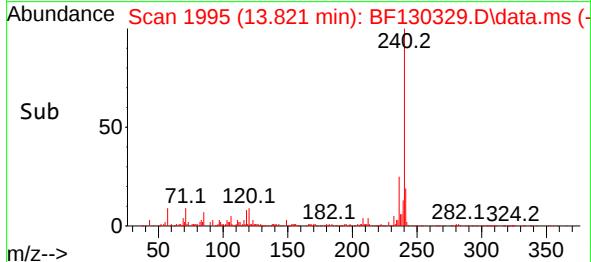
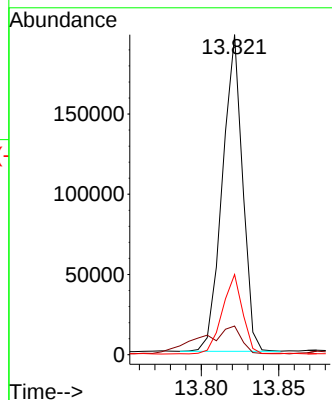
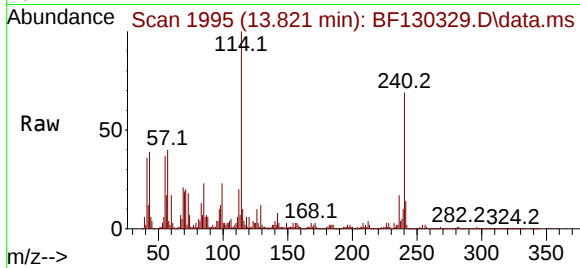




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.821 min Scan# 1961
Delta R.T. 0.018 min
Lab File: BF130329.D
Acq: 19 Sep 2022 19:50

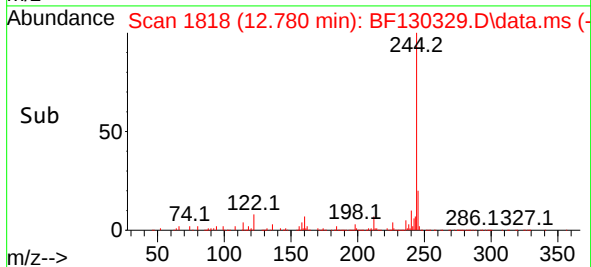
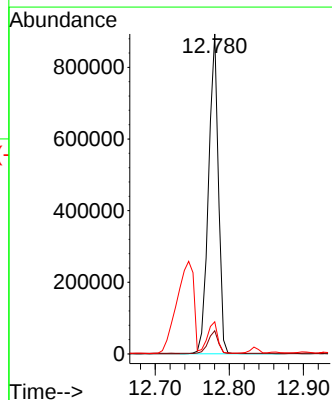
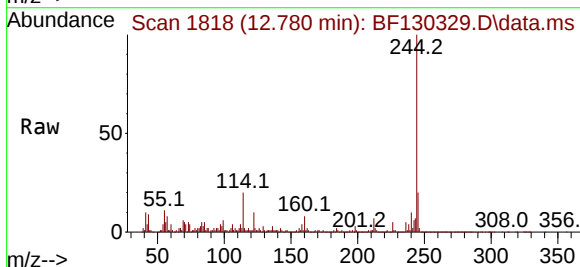
Instrument :
BNA_F
ClientSampleId :
EFF-WW

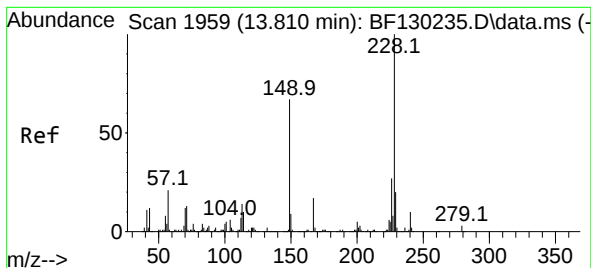
Tgt Ion:240 Resp: 178344
Ion Ratio Lower Upper
240 100
120 9.0 8.7 13.1
236 25.0 20.9 31.3



#79
Terphenyl-d14
Concen: 76.710 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.024 min
Lab File: BF130329.D
Acq: 19 Sep 2022 19:50

Tgt Ion:244 Resp: 825887
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 10.1 8.5 12.7

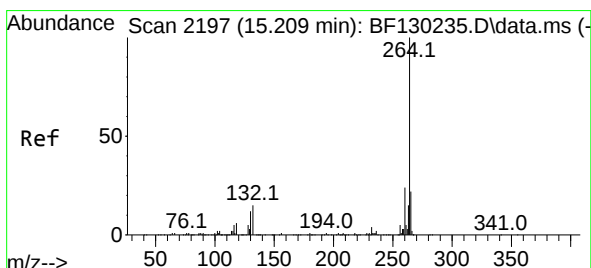
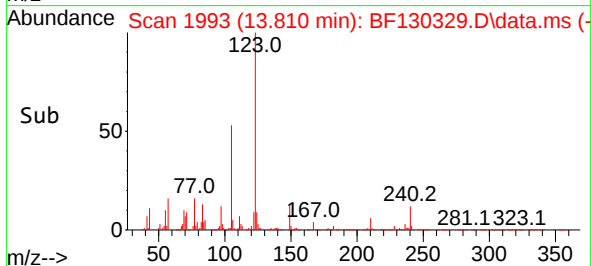
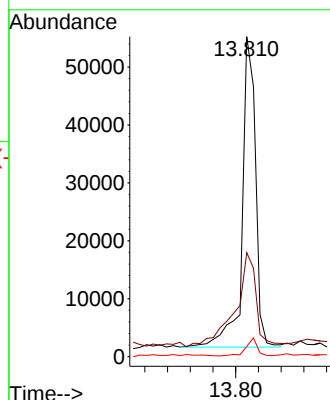
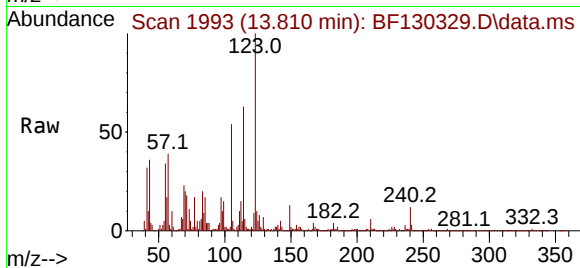




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.634 ng
RT: 13.810 min Scan# 1959
Delta R.T. 0.018 min
Lab File: BF130329.D
Acq: 19 Sep 2022 19:50

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:149 Resp: 43919
Ion Ratio Lower Upper
149 100
167 32.5 20.5 30.7#
279 3.2 2.9 4.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.198 min Scan# 2229
Delta R.T. 0.012 min
Lab File: BF130329.D
Acq: 19 Sep 2022 19:50

Tgt Ion:264 Resp: 129187
Ion Ratio Lower Upper
264 100
260 22.9 19.3 28.9
265 21.9 17.0 25.4

