

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022123\
 Data File : BF132496.D
 Acq On : 21 Feb 2023 15:14
 Operator : CG\JU
 Sample : 01609-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Feb 22 00:51:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 16:43:07 2023
 Response via : Initial Calibration

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

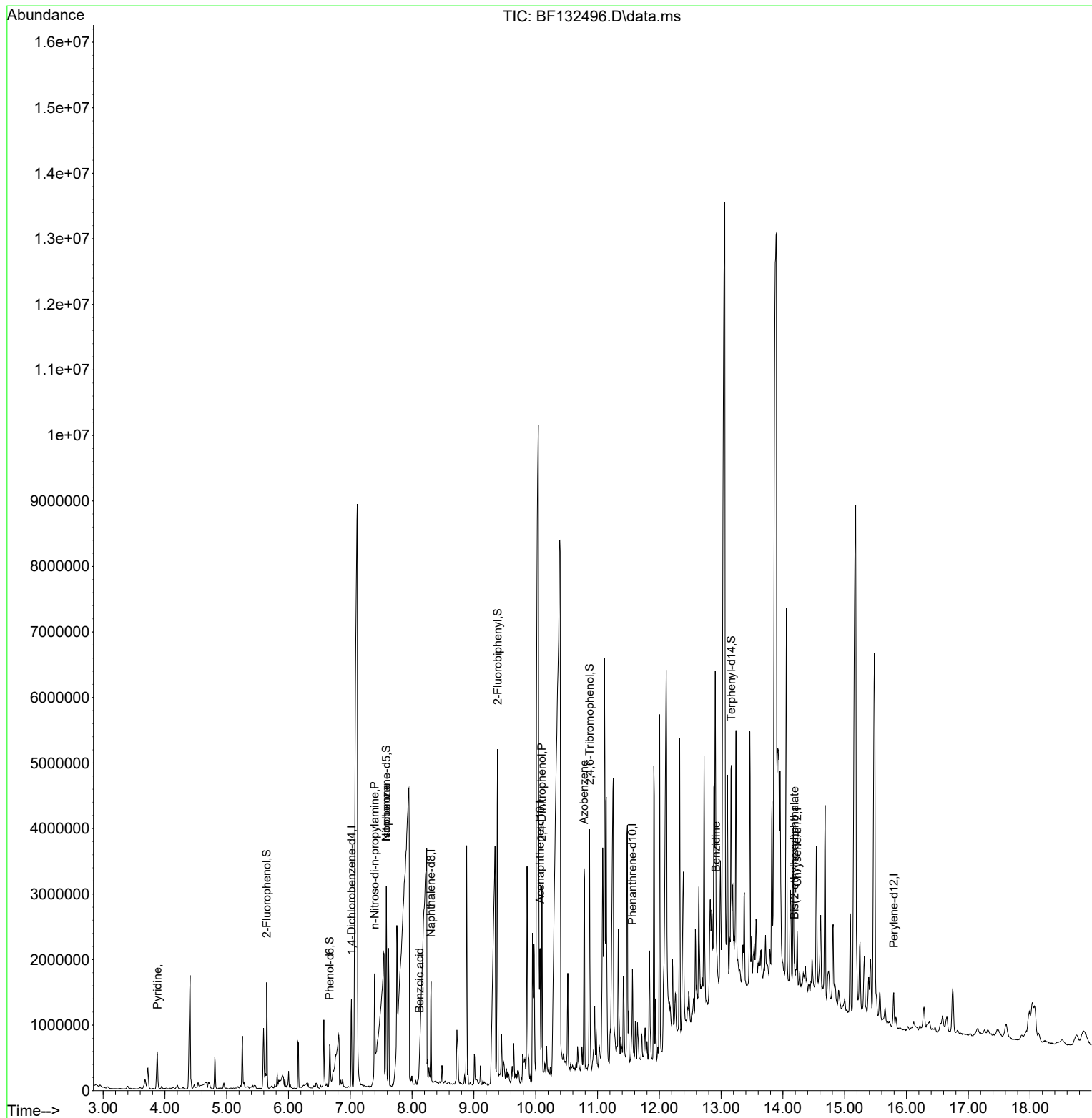
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.019	152	181693	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	633293	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	284927	20.000	ng	0.00
64) Phenanthrene-d10	11.566	188	466840	20.000	ng	0.00
76) Chrysene-d12	14.230	240	316318	20.000	ng	# 0.00
86) Perylene-d12	15.795	264	252372	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	382360	33.721	ng	0.00
7) Phenol-d6	6.666	99	300288	20.281	ng	0.02
23) Nitrobenzene-d5	7.584	82	957978	72.684	ng	-0.01
42) 2,4,6-Tribromophenol	10.872	330	183233	64.454	ng	0.00
45) 2-Fluorobiphenyl	9.383	172	1449844	78.581	ng	0.00
79) Terphenyl-d14	13.166	244	1331342	76.652	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.878	79	135641	8.146	ng	# 1
19) n-Nitroso-di-n-propyla...	7.395	70	142292	15.676	ng	# 66
25) Isophorone	7.584	82	957978	36.989	ng	# 68
32) Benzoic acid	8.119	122	8268	8.111	ng	87
54) 2,4-Dinitrophenol	10.101	184	4767	6.703	ng	# 40
63) Azobenzene	10.783	77	611987	26.816	ng	# 1
77) Benzidine	12.918	184	17919	2.660	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.189	149	33401	2.573	ng	# 83

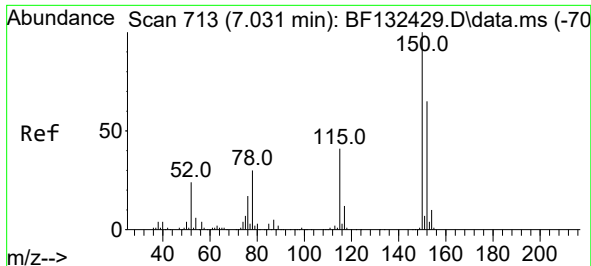
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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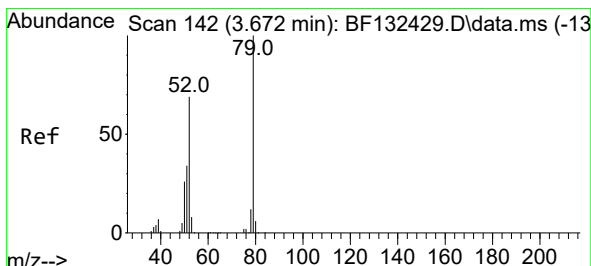
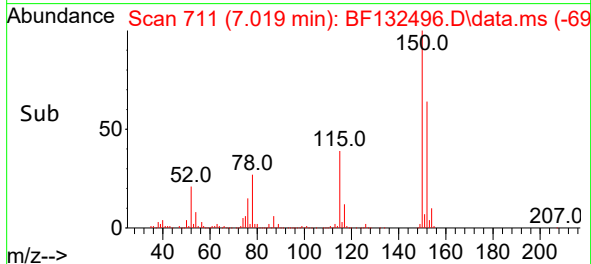
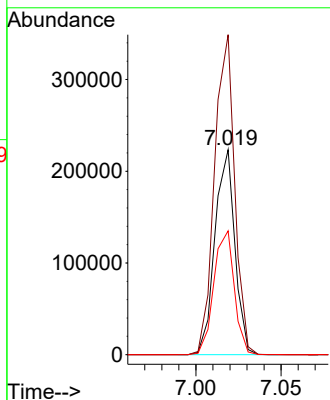
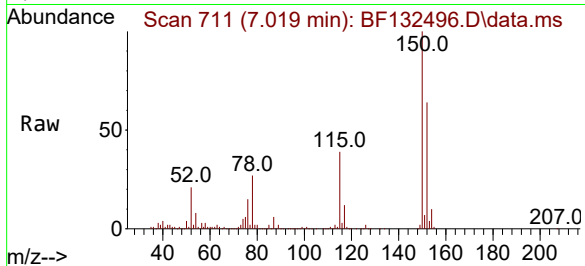




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.019 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132496.D
Acq: 21 Feb 2023 15:14

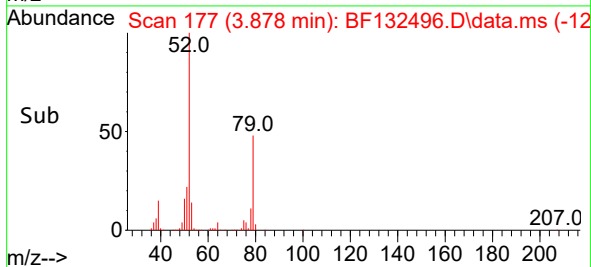
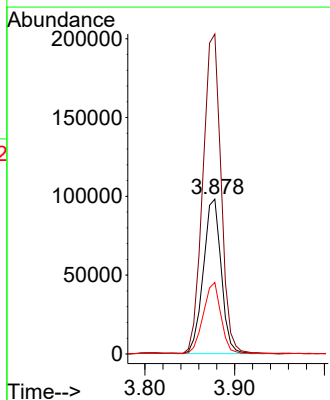
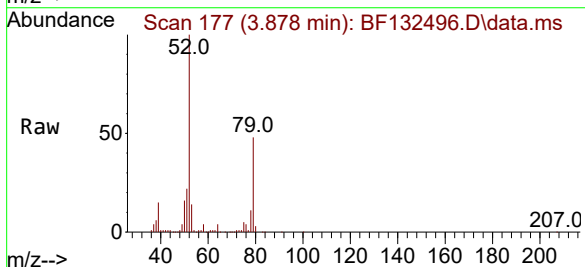
Instrument :
BNA_F
ClientSampleId :
EFF-WW

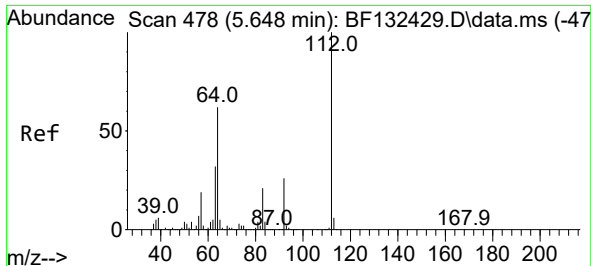
Tgt Ion:152 Resp: 181693
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.8
115 60.4 50.4 75.6



#3
Pyridine
Concen: 8.146 ng
RT: 3.878 min Scan# 177
Delta R.T. 0.206 min
Lab File: BF132496.D
Acq: 21 Feb 2023 15:14

Tgt Ion: 79 Resp: 135641
Ion Ratio Lower Upper
79 100
52 206.5 55.0 82.6#
51 46.2 27.0 40.6#

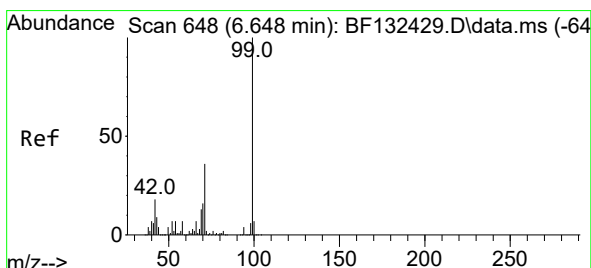
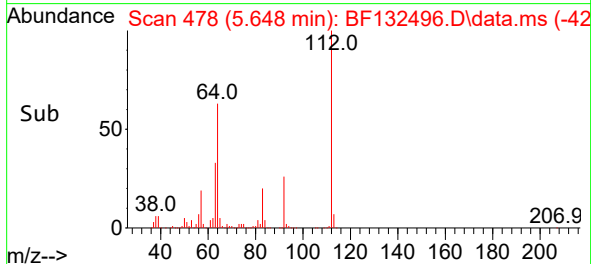
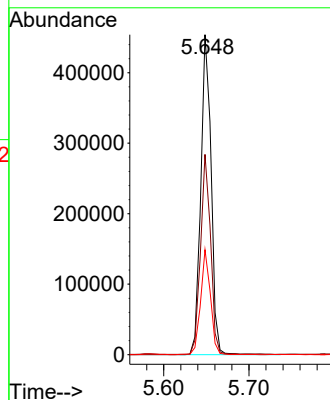
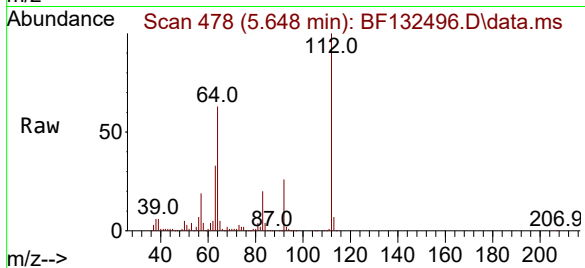




#5
2-Fluorophenol
Concen: 33.721 ng
RT: 5.648 min Scan# 41
Delta R.T. 0.006 min
Lab File: BF132496.D
Acq: 21 Feb 2023 15:14

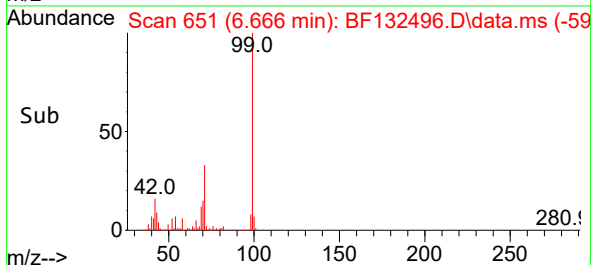
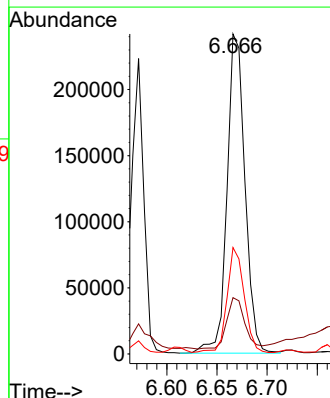
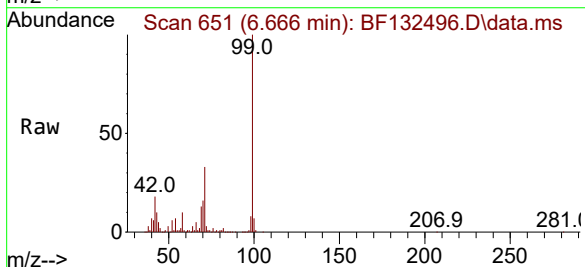
Instrument :
BNA_F
ClientSampleId :
EFF-WW

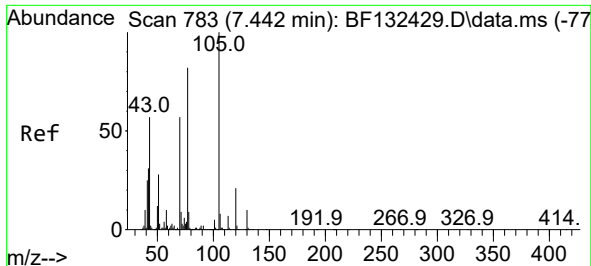
Tgt Ion:112 Resp: 382360
Ion Ratio Lower Upper
112 100
64 62.6 49.7 74.5
63 32.8 25.8 38.8



#7
Phenol-d6
Concen: 20.281 ng
RT: 6.666 min Scan# 651
Delta R.T. 0.018 min
Lab File: BF132496.D
Acq: 21 Feb 2023 15:14

Tgt Ion: 99 Resp: 300288
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 33.3 28.7 43.1





#19

n-Nitroso-di-n-propylamine

Concen: 15.676 ng

RT: 7.395 min Scan# 71

Delta R.T. -0.041 min

Lab File: BF132496.D

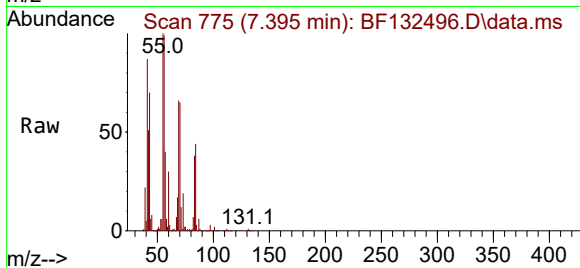
Acq: 21 Feb 2023 15:14

Instrument :

BNA_F

ClientSampleId :

EFF-WW



Tgt Ion: 70 Resp: 142292

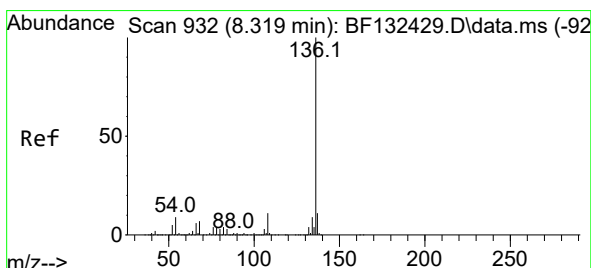
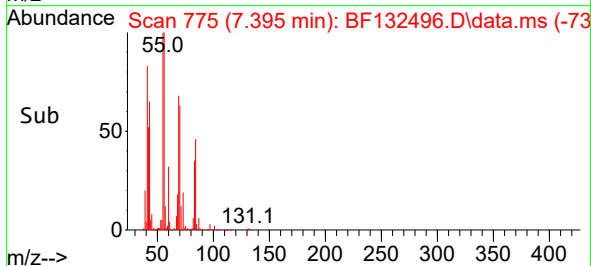
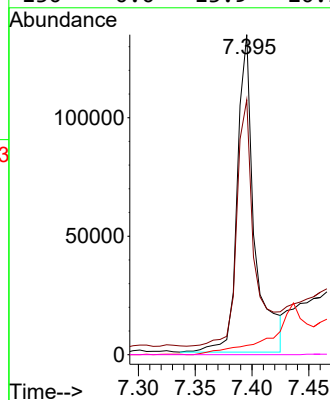
Ion Ratio Lower Upper

70 100

42 79.6 43.5 65.3#

101 2.9 7.3 10.9#

130 0.0 13.9 20.9#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.307 min Scan# 930

Delta R.T. -0.006 min

Lab File: BF132496.D

Acq: 21 Feb 2023 15:14

Tgt Ion:136 Resp: 633293

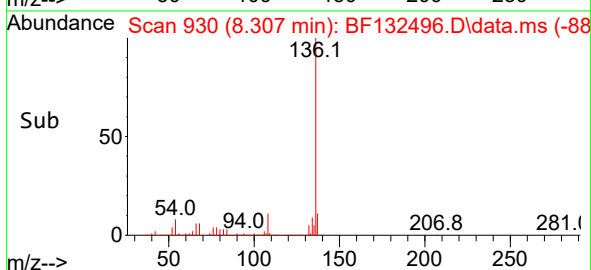
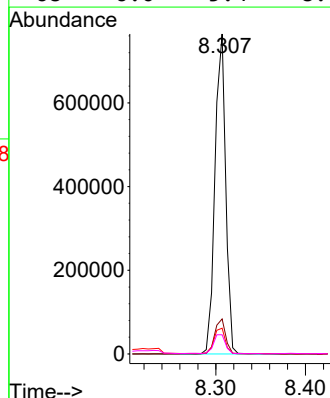
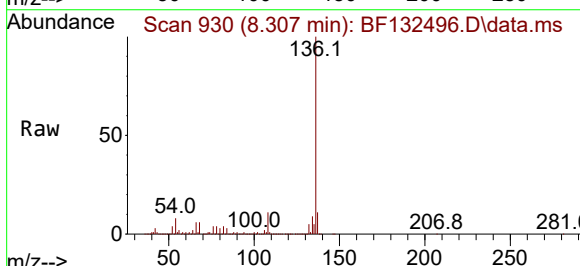
Ion Ratio Lower Upper

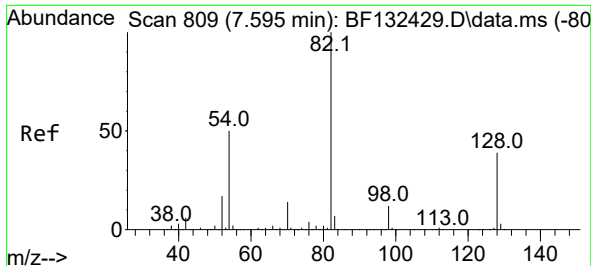
136 100

137 11.0 8.8 13.2

54 8.1 6.9 10.3

68 6.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 72.684 ng

RT: 7.584 min Scan# 807

Delta R.T. -0.012 min

Lab File: BF132496.D

Acq: 21 Feb 2023 15:14

Instrument :

BNA_F

ClientSampleId :

EFF-WW

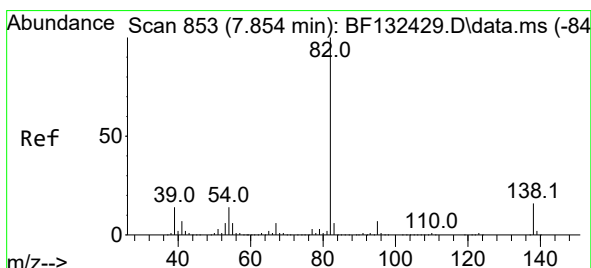
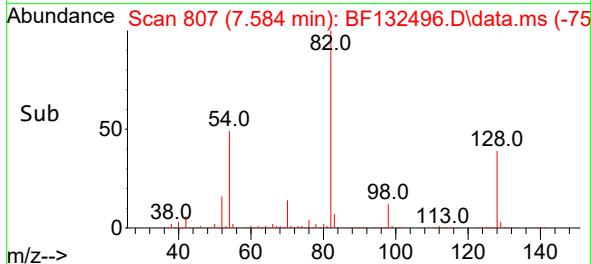
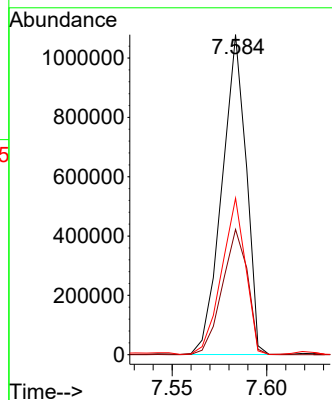
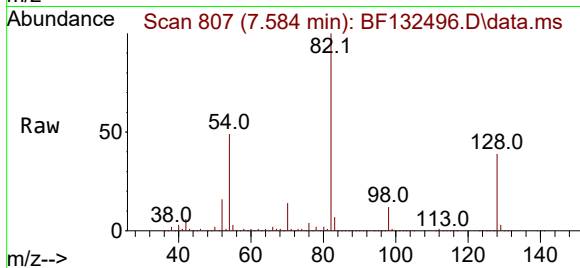
Tgt Ion: 82 Resp: 957978

Ion Ratio Lower Upper

82 100

128 39.2 30.8 46.2

54 48.9 40.2 60.4



#25

Isophorone

Concen: 36.989 ng

RT: 7.584 min Scan# 807

Delta R.T. -0.265 min

Lab File: BF132496.D

Acq: 21 Feb 2023 15:14

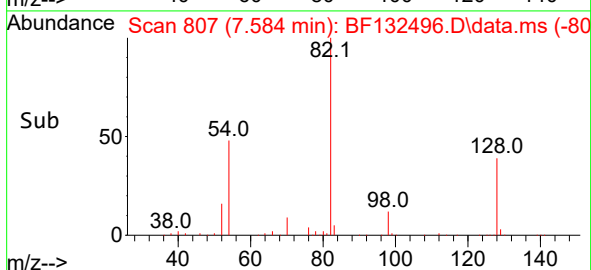
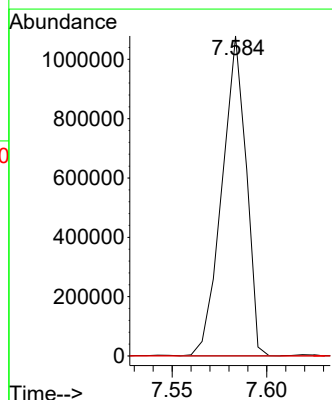
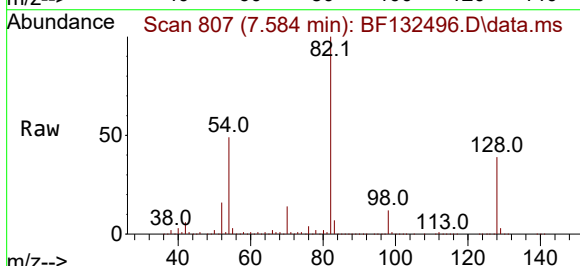
Tgt Ion: 82 Resp: 957978

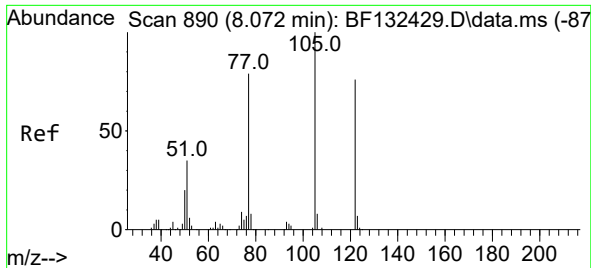
Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

138 0.0 12.7 19.1#

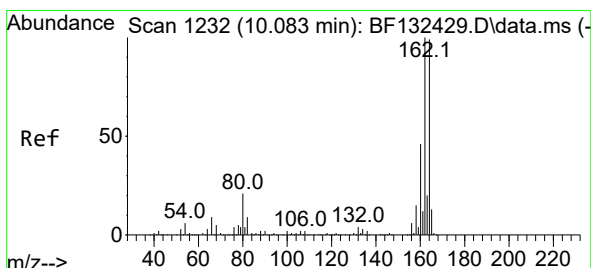
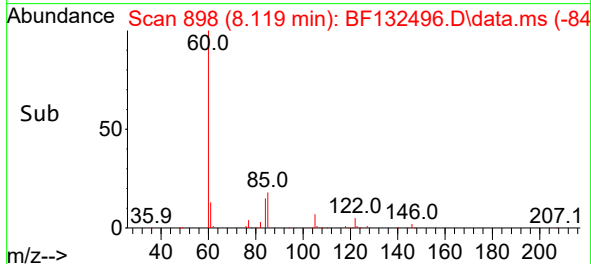
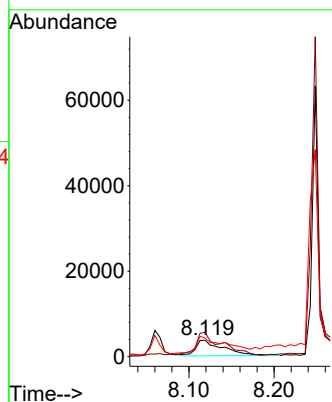
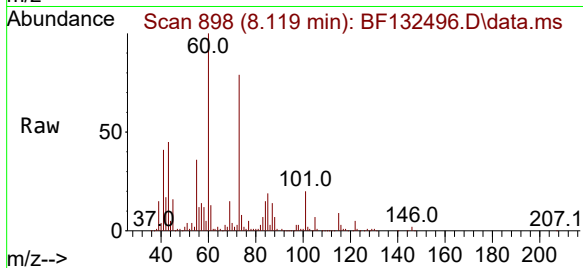




#32
Benzoic acid
Concen: 8.111 ng
RT: 8.119 min Scan# 890
Delta R.T. 0.041 min
Lab File: BF132496.D
Acq: 21 Feb 2023 15:14

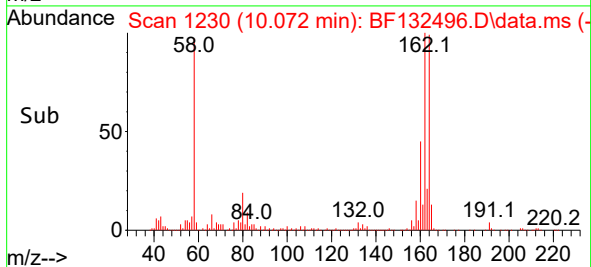
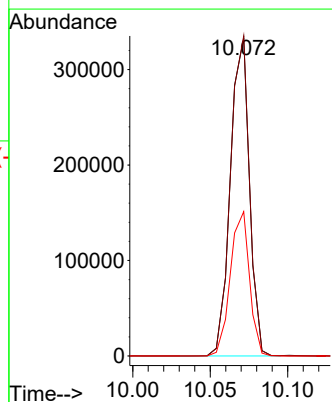
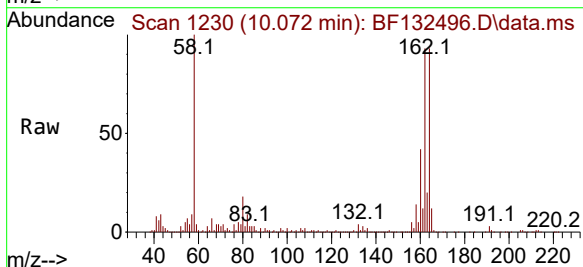
Instrument :
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EFF-WW

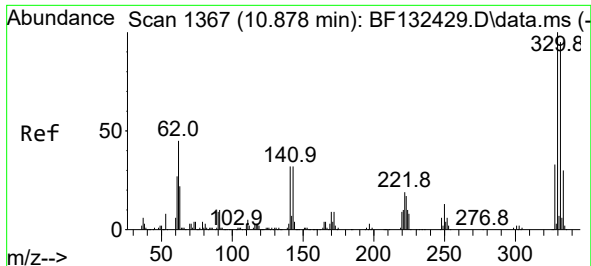
Tgt Ion:122 Resp: 8268
Ion Ratio Lower Upper
122 100
105 148.2 109.7 149.7
77 113.8 83.8 123.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.072 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF132496.D
Acq: 21 Feb 2023 15:14

Tgt Ion:164 Resp: 284927
Ion Ratio Lower Upper
164 100
162 100.7 80.8 121.2
160 45.4 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 64.454 ng

RT: 10.872 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BF132496.D

Acq: 21 Feb 2023 15:14

Instrument :

BNA_F

ClientSampleId :

EFF-WW

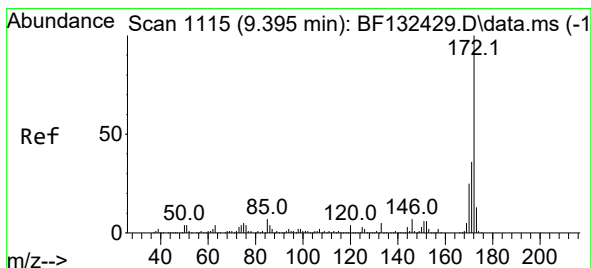
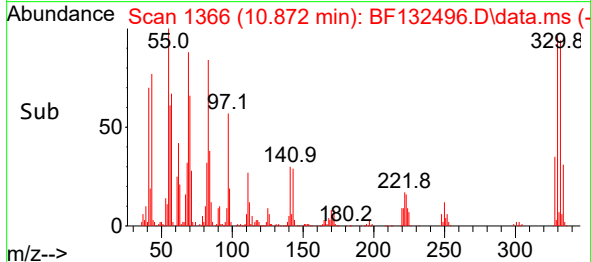
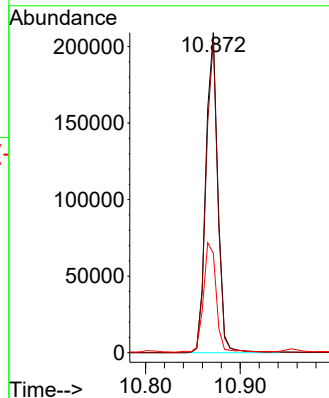
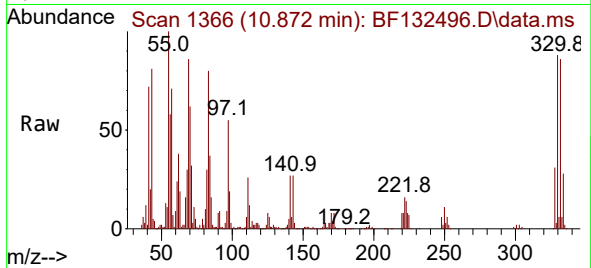
Tgt Ion:330 Resp: 183233

Ion Ratio Lower Upper

330 100

332 95.7 76.3 114.5

141 36.2 30.3 45.5



#45

2-Fluorobiphenyl

Concen: 78.581 ng

RT: 9.383 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF132496.D

Acq: 21 Feb 2023 15:14

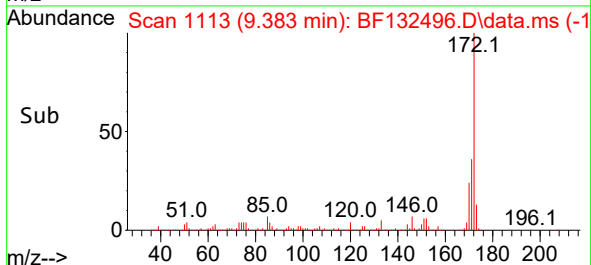
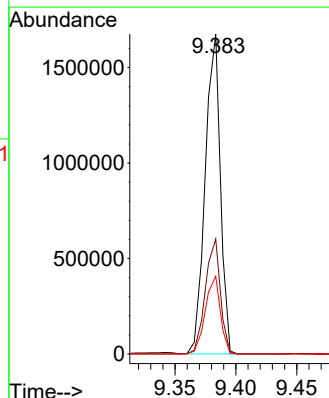
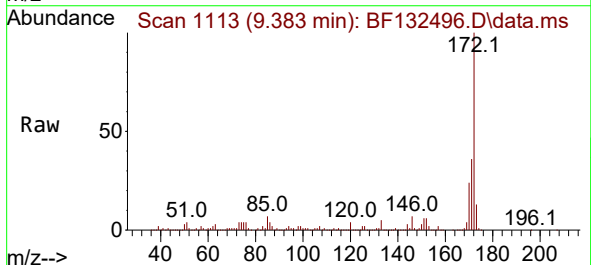
Tgt Ion:172 Resp: 1449844

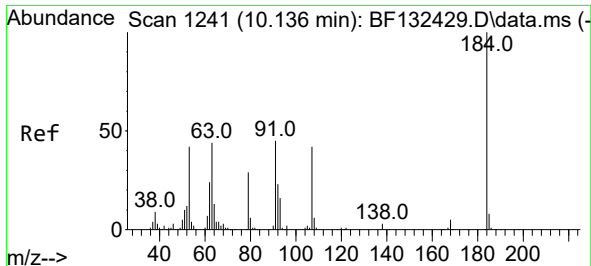
Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

170 24.3 19.9 29.9

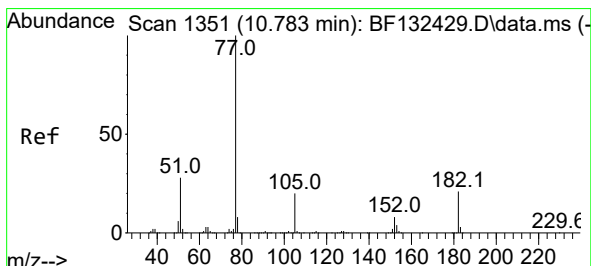
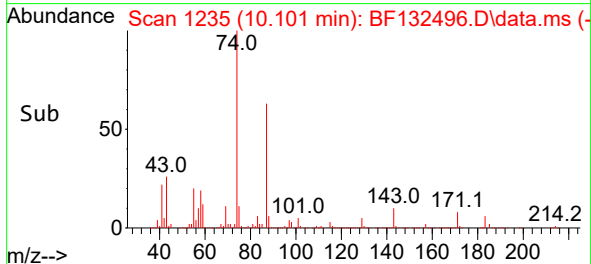
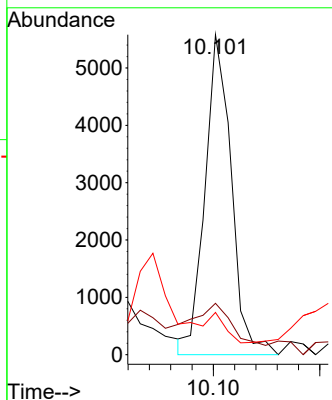
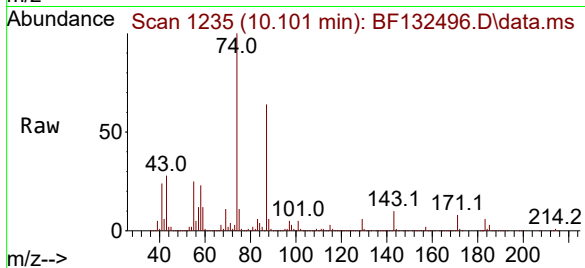




#54
2,4-Dinitrophenol
Concen: 6.703 ng
RT: 10.101 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF132496.D
Acq: 21 Feb 2023 15:14

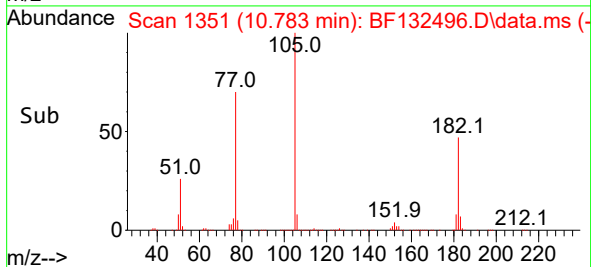
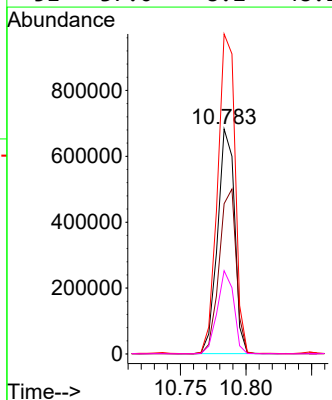
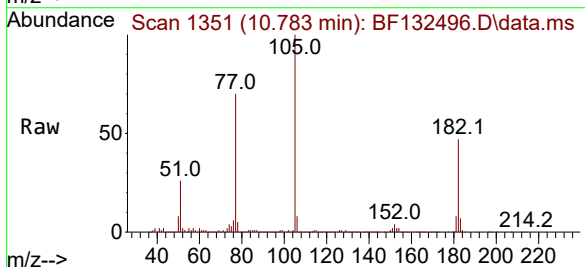
Instrument :
BNA_F
ClientSampleId :
EFF-WW

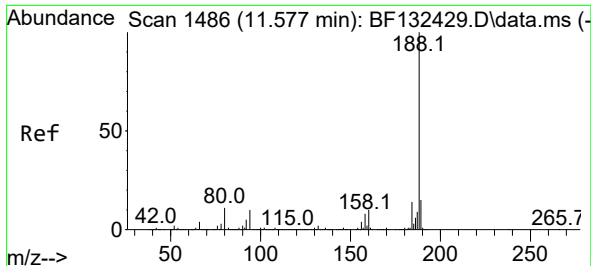
Tgt Ion:184 Resp: 4767
Ion Ratio Lower Upper
184 100
63 16.1 47.0 70.6#
154 13.2 49.0 73.6#



#63
Azobenzene
Concen: 26.816 ng
RT: 10.783 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF132496.D
Acq: 21 Feb 2023 15:14

Tgt Ion: 77 Resp: 611987
Ion Ratio Lower Upper
77 100
182 66.8 1.4 41.4#
105 142.3 0.1 40.1#
51 37.0 8.2 48.2

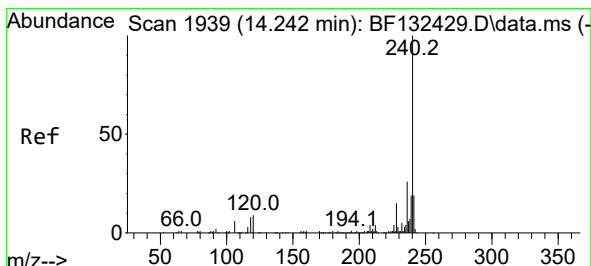
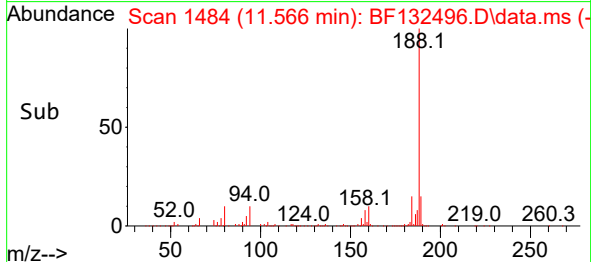
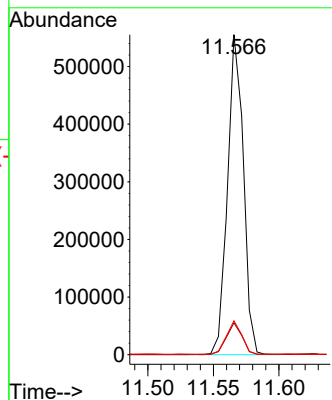
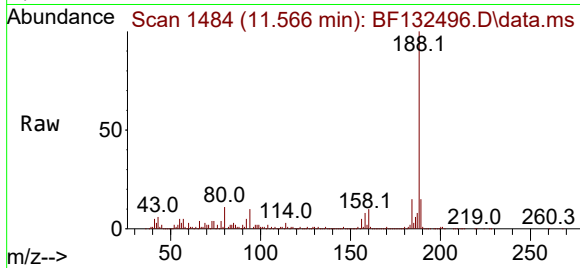




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.566 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF132496.D
Acq: 21 Feb 2023 15:14

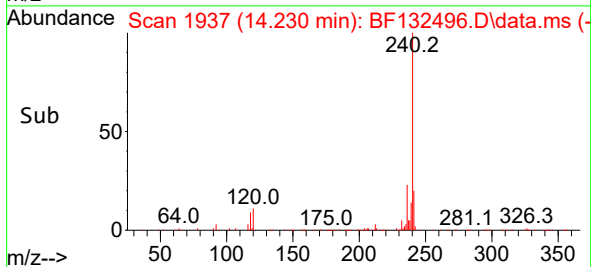
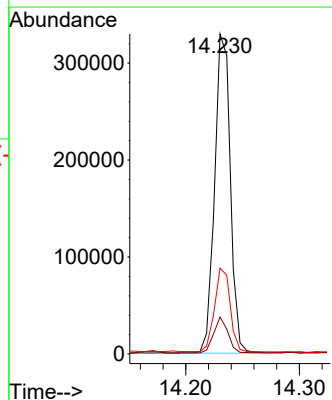
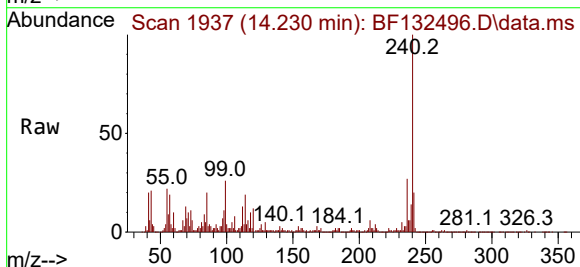
Instrument :
BNA_F
ClientSampleId :
EFF-WW

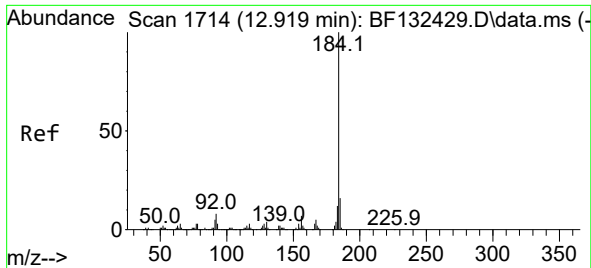
Tgt Ion:188 Resp: 466840
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 10.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.230 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF132496.D
Acq: 21 Feb 2023 15:14

Tgt Ion:240 Resp: 316318
Ion Ratio Lower Upper
240 100
120 11.5 7.5 11.3#
236 26.8 21.0 31.6

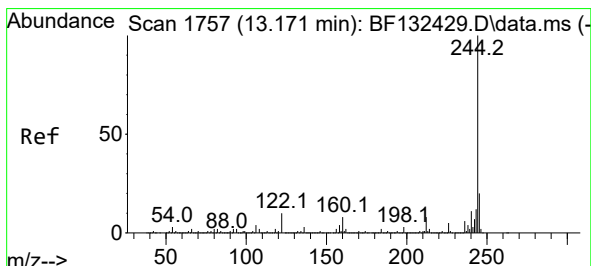
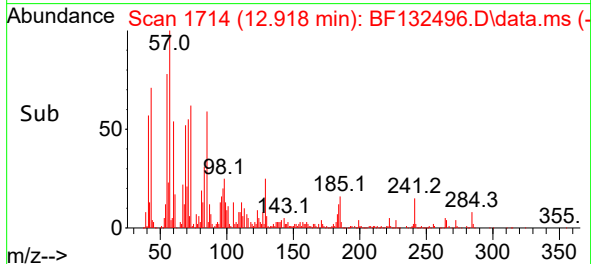
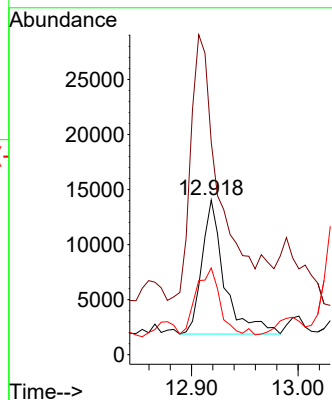
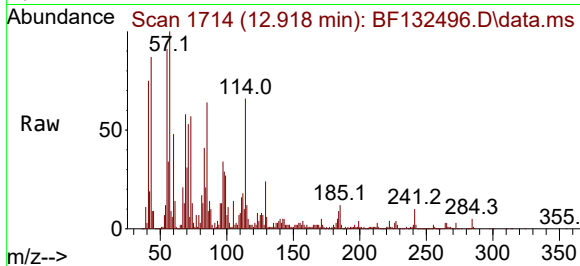




#77
Benzidine
Concen: 2.660 ng
RT: 12.918 min Scan# 1714
Delta R.T. 0.006 min
Lab File: BF132496.D
Acq: 21 Feb 2023 15:14

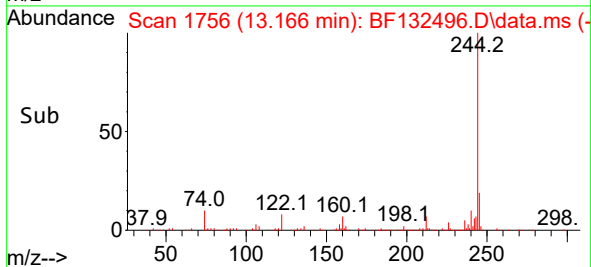
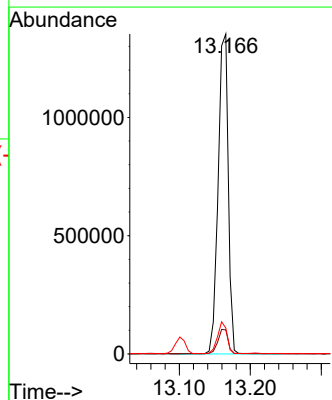
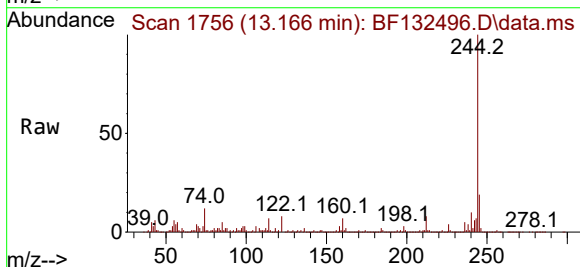
Instrument :
BNA_F
ClientSampleId :
EFF-WW

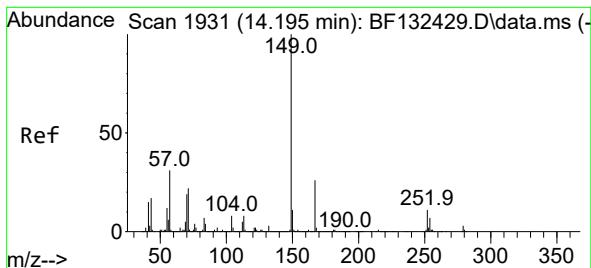
Tgt Ion:184 Resp: 17919
Ion Ratio Lower Upper
184 100
185 137.5 12.4 18.6#
183 56.0 9.2 13.8#



#79
Terphenyl-d14
Concen: 76.652 ng
RT: 13.166 min Scan# 1756
Delta R.T. 0.006 min
Lab File: BF132496.D
Acq: 21 Feb 2023 15:14

Tgt Ion:244 Resp: 1331342
Ion Ratio Lower Upper
244 100
212 7.6 6.7 10.1
122 8.1 7.7 11.5

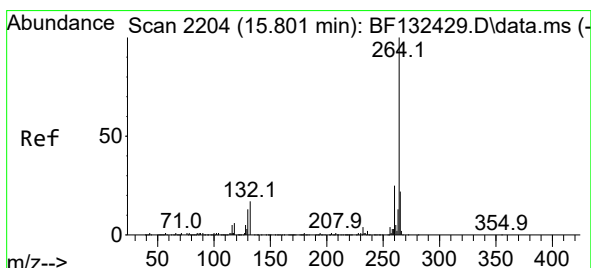
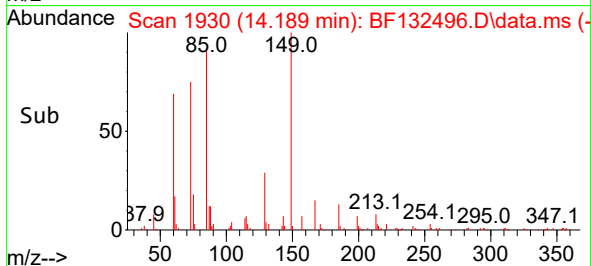
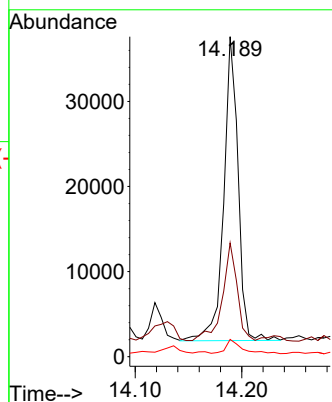
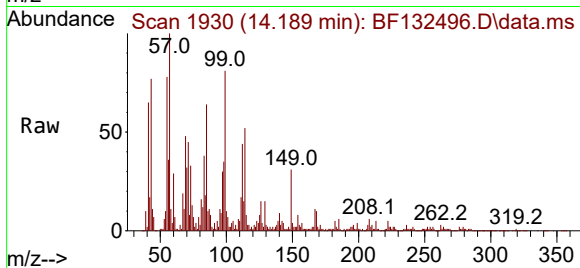




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.573 ng
RT: 14.189 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BF132496.D
Acq: 21 Feb 2023 15:14

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:149 Resp: 33401
Ion Ratio Lower Upper
149 100
167 35.6 21.0 31.6#
279 5.4 2.5 3.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.795 min Scan# 2203
Delta R.T. 0.012 min
Lab File: BF132496.D
Acq: 21 Feb 2023 15:14

Tgt Ion:264 Resp: 252372
Ion Ratio Lower Upper
264 100
260 25.2 20.0 30.0
265 21.8 17.2 25.8

