

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022123\
 Data File : BF132498.D
 Acq On : 21 Feb 2023 16:30
 Operator : CG\JU
 Sample : 01609-02RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

Quant Time: Feb 22 00:51:53 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)

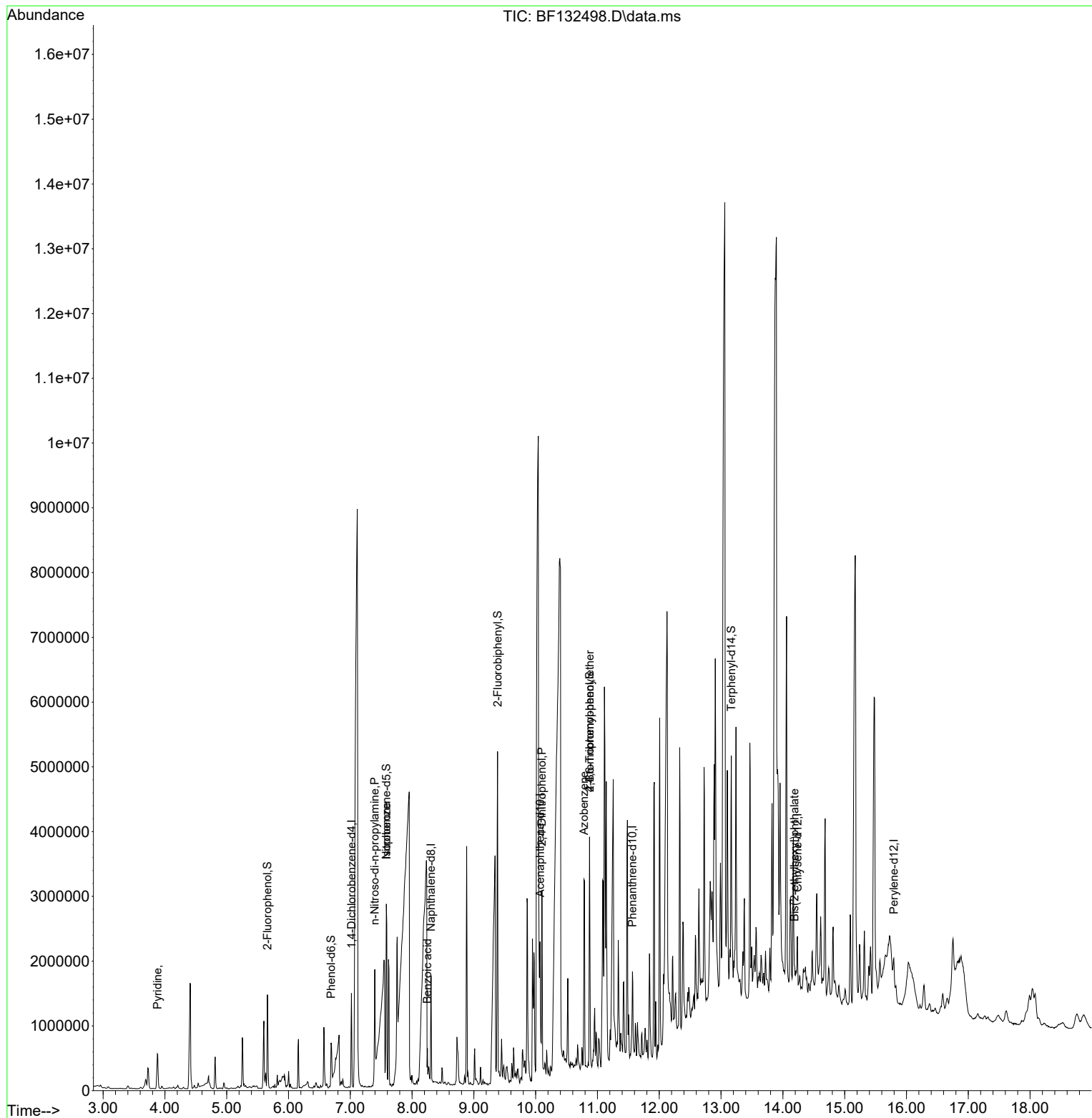
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.019	152	183695	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	624538	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	268052	20.000	ng	0.00
64) Phenanthrene-d10	11.566	188	446548	20.000	ng	0.00
76) Chrysene-d12	14.236	240	294924	20.000	ng	0.00
86) Perylene-d12	15.795	264	225436	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	383928	33.490	ng	0.02
7) Phenol-d6	6.689	99	294351	19.664	ng	0.04
23) Nitrobenzene-d5	7.584	82	965645	74.293	ng	-0.01
42) 2,4,6-Tribromophenol	10.872	330	174771	65.348	ng	0.00
45) 2-Fluorobiphenyl	9.383	172	1428434	82.295	ng	0.00
79) Terphenyl-d14	13.166	244	1332559	82.288	ng	0.00
Target Compounds						
					Qvalue	
3) Pyridine	3.878	79	135309	8.038	ng	# 1
19) n-Nitroso-di-n-propyla...	7.395	70	133879	14.589	ng	# 63
25) Isophorone	7.584	82	963539	37.726	ng	# 68
32) Benzoic acid	8.248	122	47020	12.690	ng	# 93
54) 2,4-Dinitrophenol	10.101	184	5226	6.963	ng	# 37
63) Azobenzene	10.783	77	585012	27.247	ng	# 1
67) 4-Bromophenyl-phenylether	10.872	248	11655	2.381	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.189	149	30213	2.497	ng	# 88

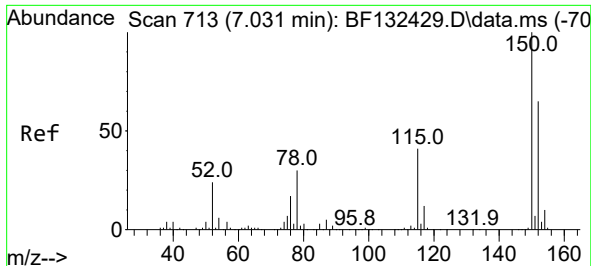
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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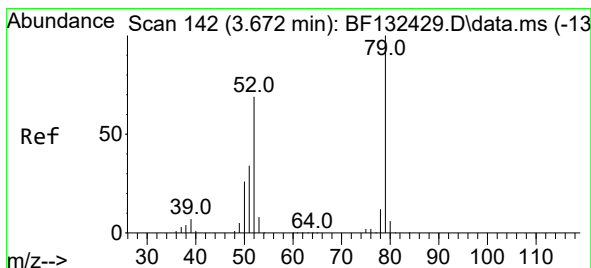
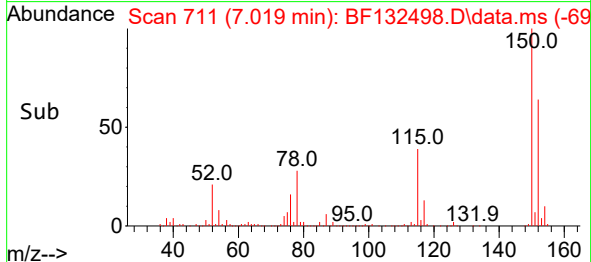
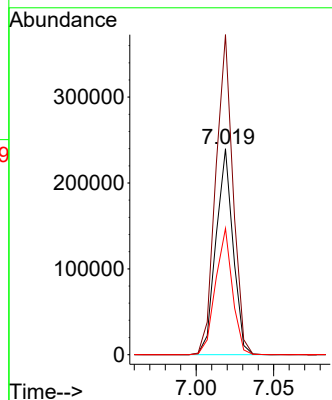
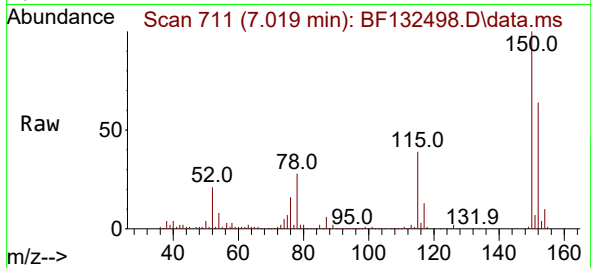




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.019 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132498.D
 Acq: 21 Feb 2023 16:30

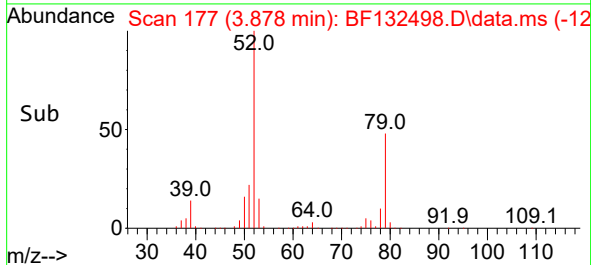
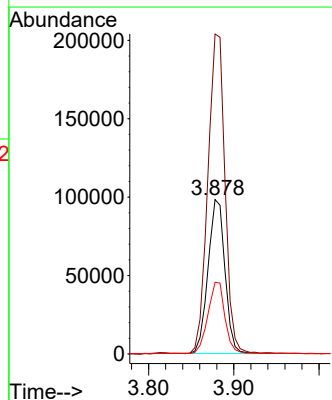
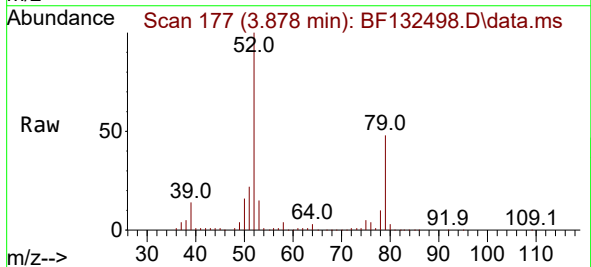
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWRE

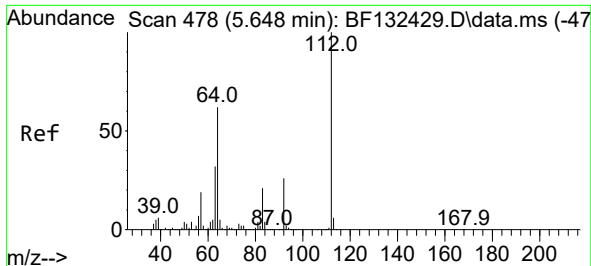
Tgt Ion:152 Resp: 183695
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.8 185.8
 115 61.3 50.4 75.6



#3
 Pyridine
 Concen: 8.038 ng
 RT: 3.878 min Scan# 177
 Delta R.T. 0.206 min
 Lab File: BF132498.D
 Acq: 21 Feb 2023 16:30

Tgt Ion: 79 Resp: 135309
 Ion Ratio Lower Upper
 79 100
 52 207.2 55.0 82.6#
 51 46.4 27.0 40.6#

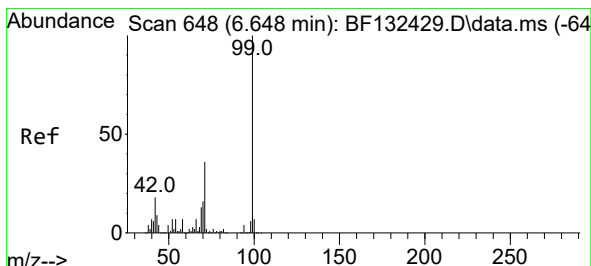
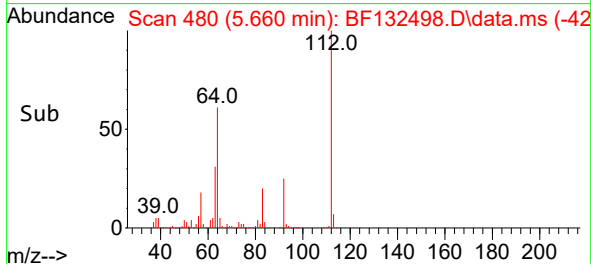
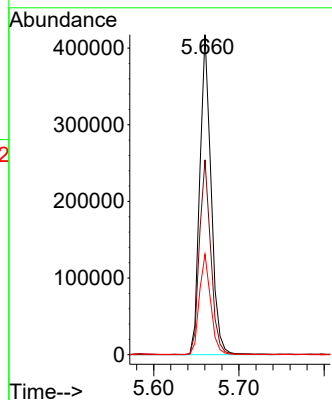
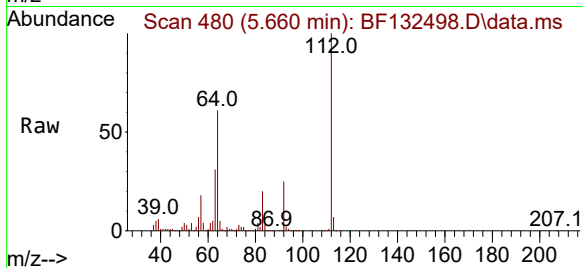




#5
2-Fluorophenol
Concen: 33.490 ng
RT: 5.660 min Scan# 41
Delta R.T. 0.018 min
Lab File: BF132498.D
Acq: 21 Feb 2023 16:30

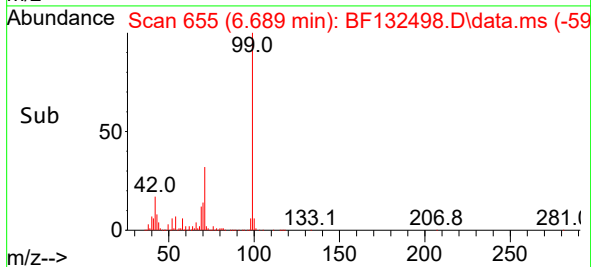
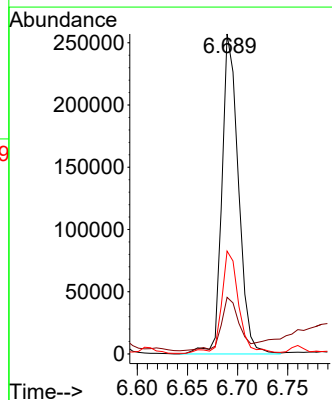
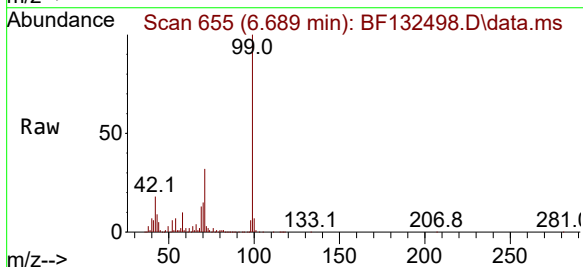
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

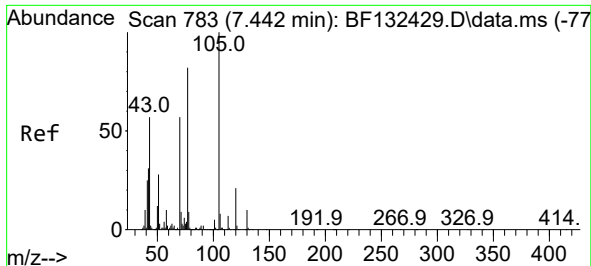
Tgt Ion:112 Resp: 383928
Ion Ratio Lower Upper
112 100
64 60.9 49.7 74.5
63 31.4 25.8 38.8



#7
Phenol-d6
Concen: 19.664 ng
RT: 6.689 min Scan# 655
Delta R.T. 0.041 min
Lab File: BF132498.D
Acq: 21 Feb 2023 16:30

Tgt Ion: 99 Resp: 294351
Ion Ratio Lower Upper
99 100
42 17.7 14.6 21.8
71 32.1 28.7 43.1

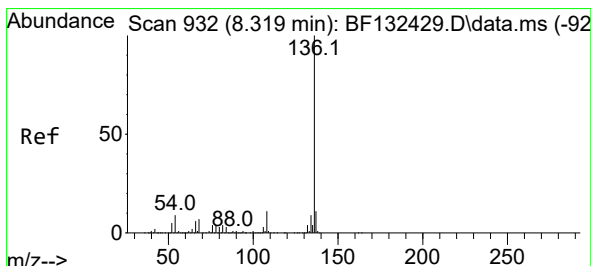
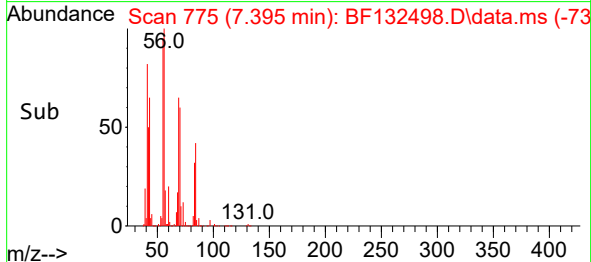
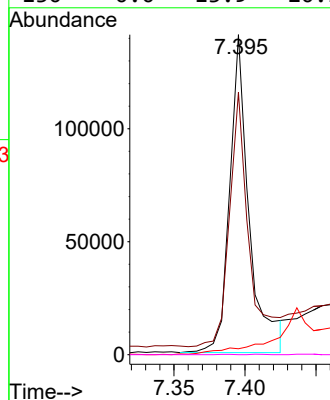
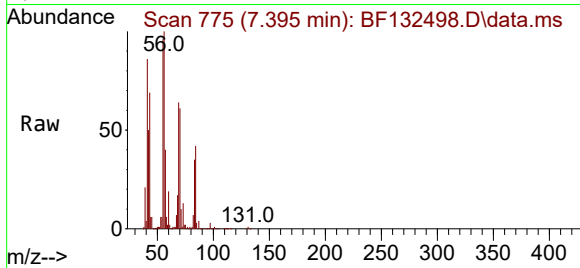




#19
n-Nitroso-di-n-propylamine
Concen: 14.589 ng
RT: 7.395 min Scan# 71
Delta R.T. -0.041 min
Lab File: BF132498.D
Acq: 21 Feb 2023 16:30

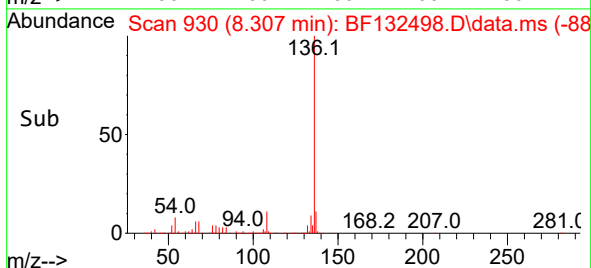
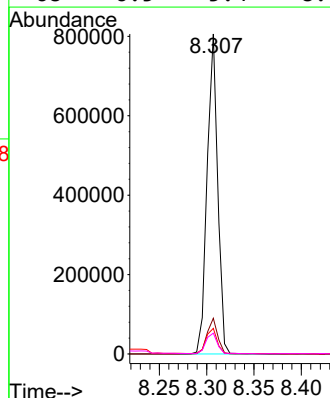
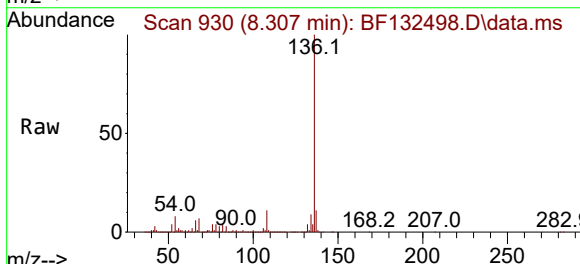
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

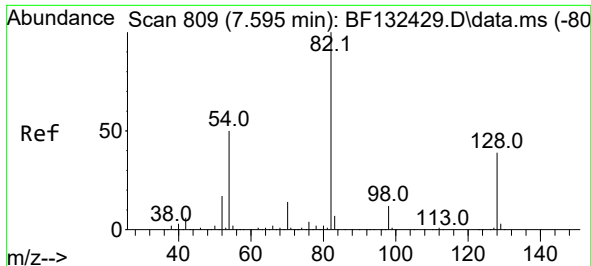
Tgt Ion: 70 Resp: 133879
Ion Ratio Lower Upper
70 100
42 82.0 43.5 65.3#
101 1.9 7.3 10.9#
130 0.0 13.9 20.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.307 min Scan# 930
Delta R.T. -0.006 min
Lab File: BF132498.D
Acq: 21 Feb 2023 16:30

Tgt Ion:136 Resp: 624538
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.0 6.9 10.3
68 6.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 74.293 ng

RT: 7.584 min Scan# 807

Delta R.T. -0.012 min

Lab File: BF132498.D

Acq: 21 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

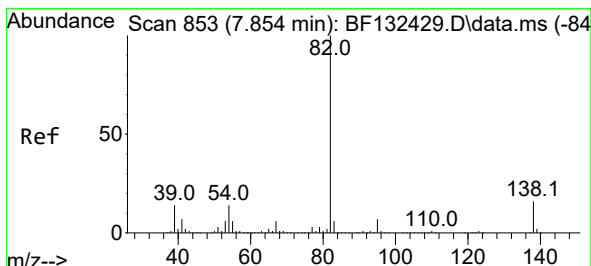
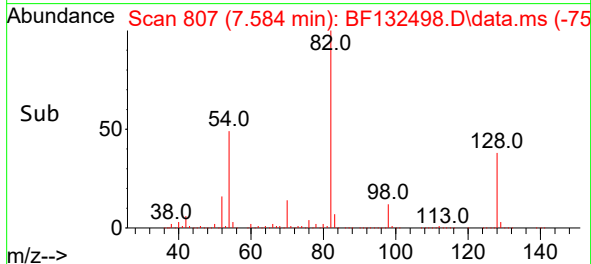
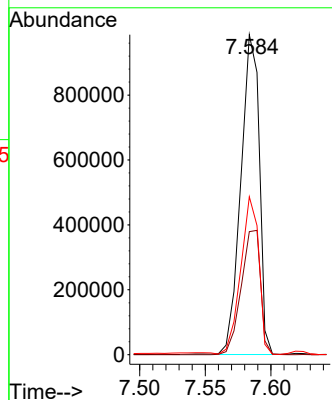
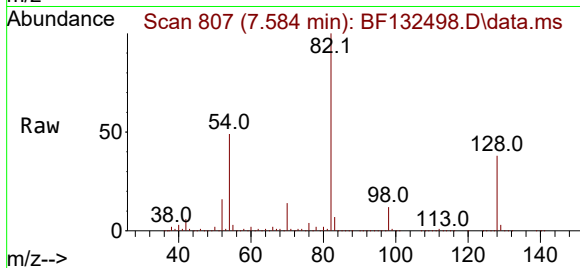
Tgt Ion: 82 Resp: 965645

Ion Ratio Lower Upper

82 100

128 38.4 30.8 46.2

54 49.4 40.2 60.4



#25

Isophorone

Concen: 37.726 ng

RT: 7.584 min Scan# 807

Delta R.T. -0.265 min

Lab File: BF132498.D

Acq: 21 Feb 2023 16:30

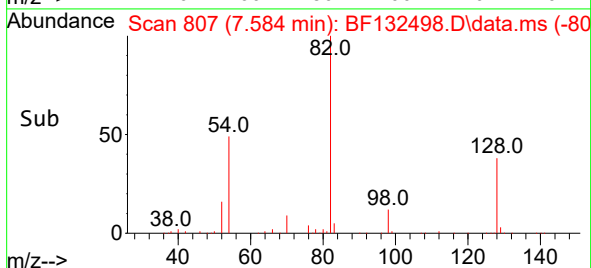
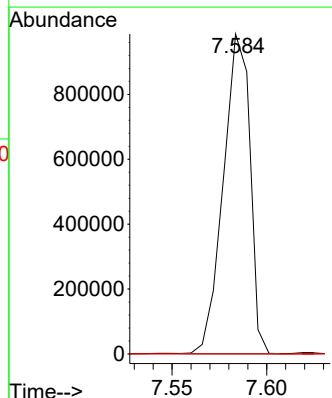
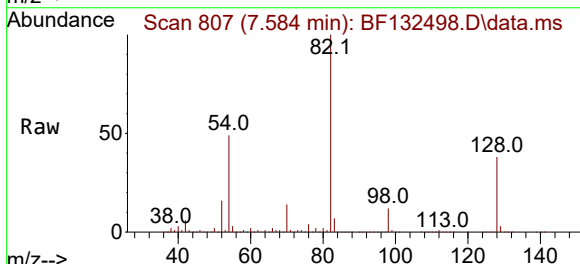
Tgt Ion: 82 Resp: 963539

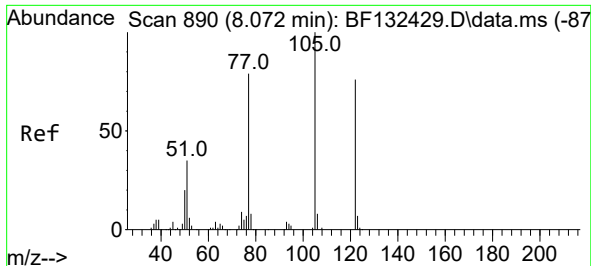
Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 12.7 19.1#

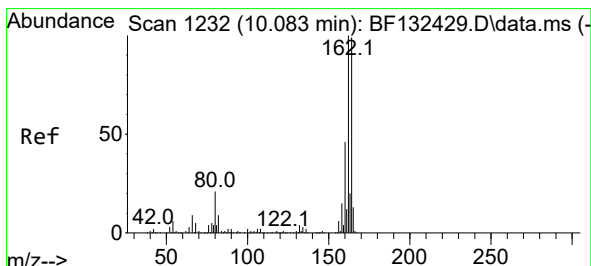
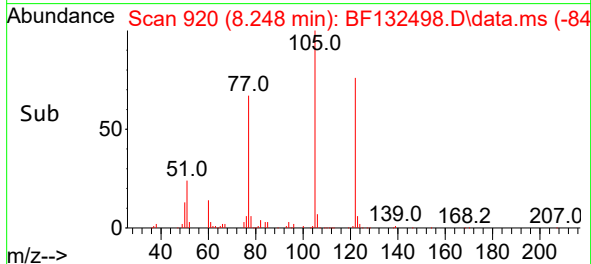
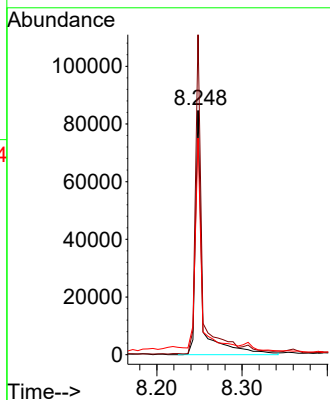
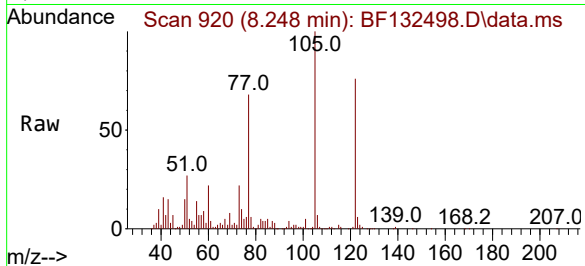




#32
Benzoic acid
Concen: 12.690 ng
RT: 8.248 min Scan# 91
Delta R.T. 0.171 min
Lab File: BF132498.D
Acq: 21 Feb 2023 16:30

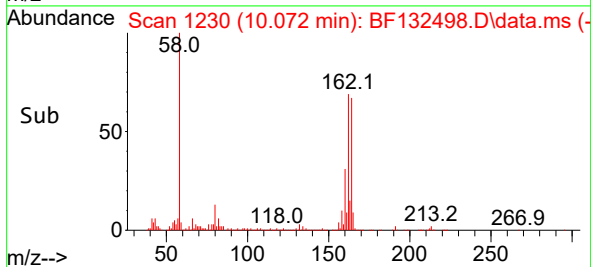
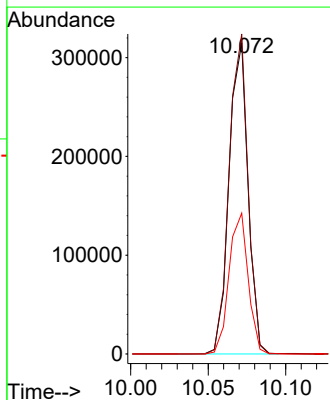
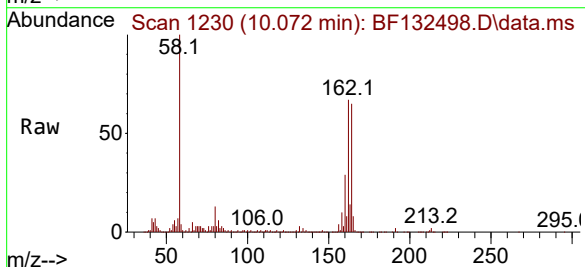
Instrument :
BNA_F
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EFF-WWRE

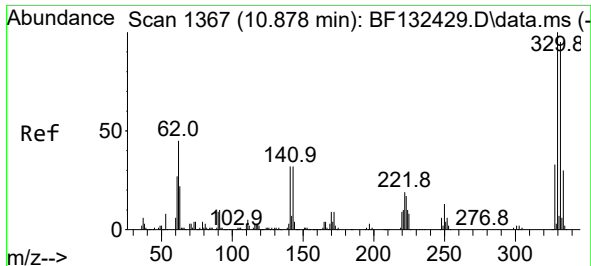
Tgt Ion:122 Resp: 47020
Ion Ratio Lower Upper
122 100
105 130.9 109.7 149.7
77 88.7 83.8 123.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.072 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF132498.D
Acq: 21 Feb 2023 16:30

Tgt Ion:164 Resp: 268052
Ion Ratio Lower Upper
164 100
162 102.9 80.8 121.2
160 45.3 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 65.348 ng

RT: 10.872 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BF132498.D

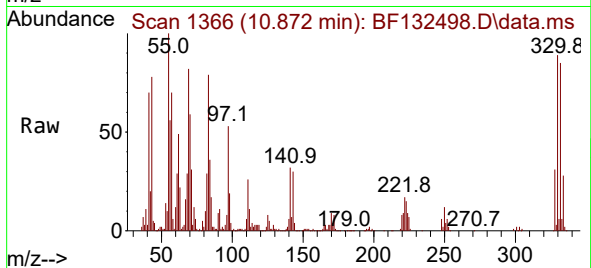
Acq: 21 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE



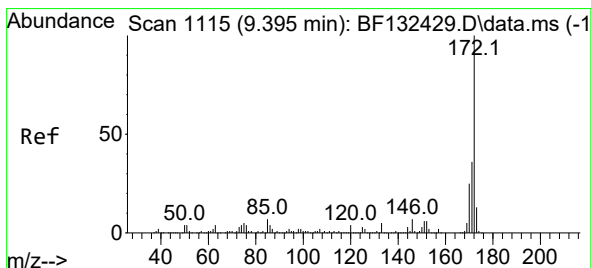
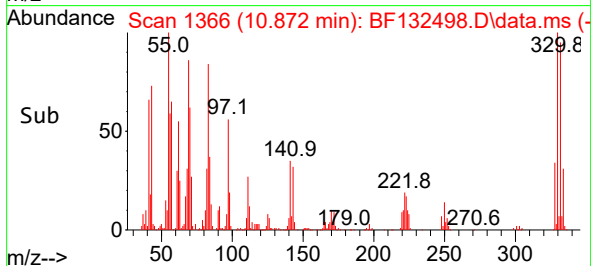
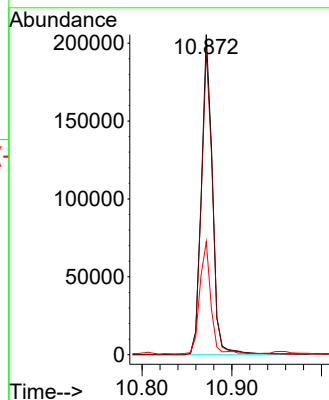
Tgt Ion:330 Resp: 174771

Ion Ratio Lower Upper

330 100

332 96.6 76.3 114.5

141 34.9 30.3 45.5



#45

2-Fluorobiphenyl

Concen: 82.295 ng

RT: 9.383 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF132498.D

Acq: 21 Feb 2023 16:30

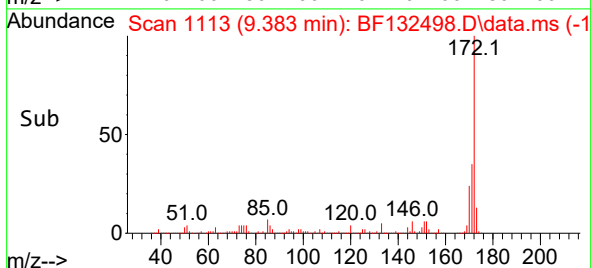
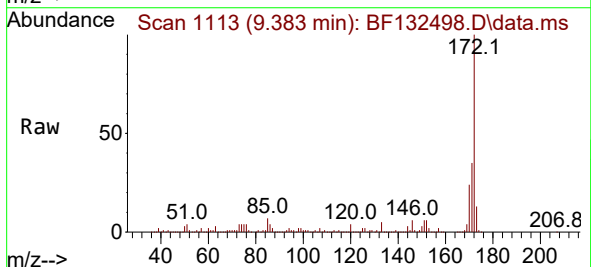
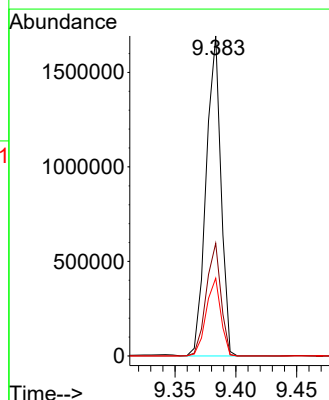
Tgt Ion:172 Resp: 1428434

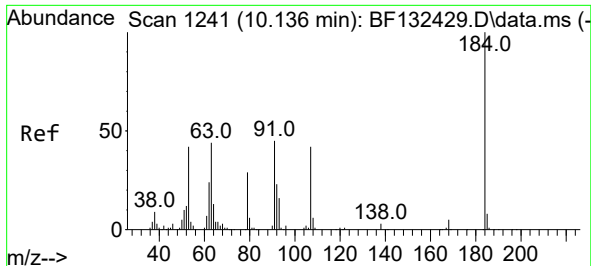
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 24.3 19.9 29.9

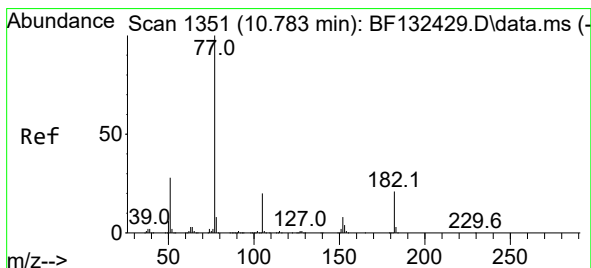
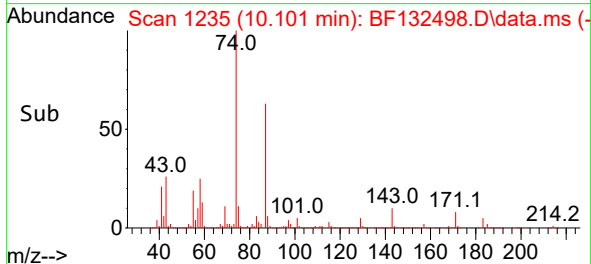
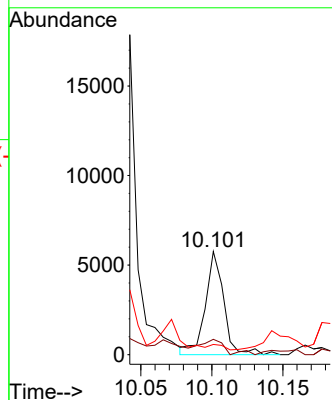
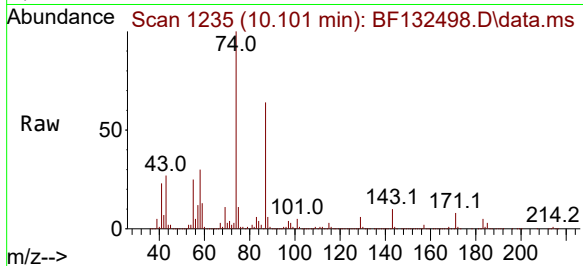




#54
2,4-Dinitrophenol
Concen: 6.963 ng
RT: 10.101 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF132498.D
Acq: 21 Feb 2023 16:30

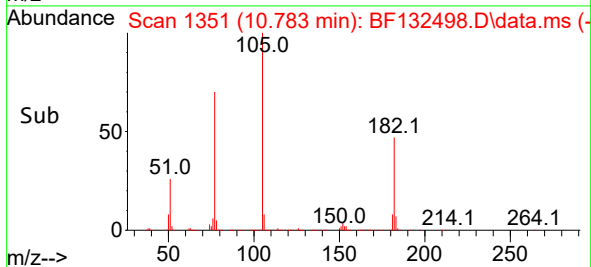
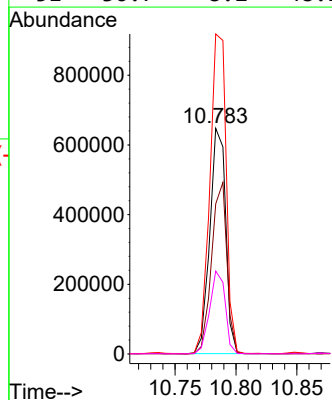
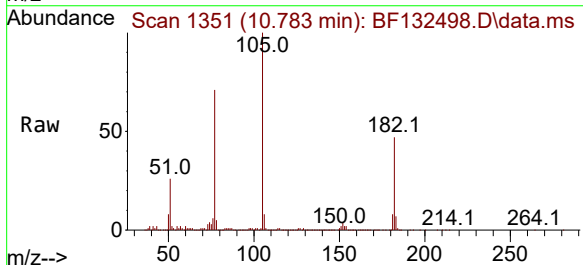
Instrument :
BNA_F
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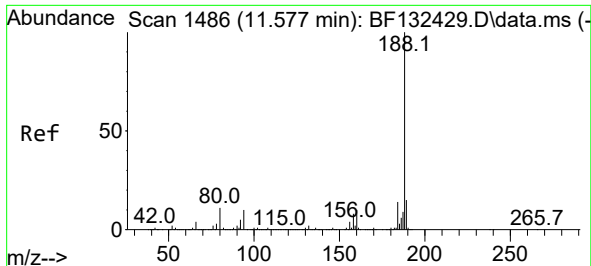
Tgt Ion:184 Resp: 5226
Ion Ratio Lower Upper
184 100
63 14.9 47.0 70.6#
154 10.0 49.0 73.6#



#63
Azobenzene
Concen: 27.247 ng
RT: 10.783 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF132498.D
Acq: 21 Feb 2023 16:30

Tgt Ion: 77 Resp: 585012
Ion Ratio Lower Upper
77 100
182 66.5 1.4 41.4#
105 141.8 0.1 40.1#
51 36.7 8.2 48.2

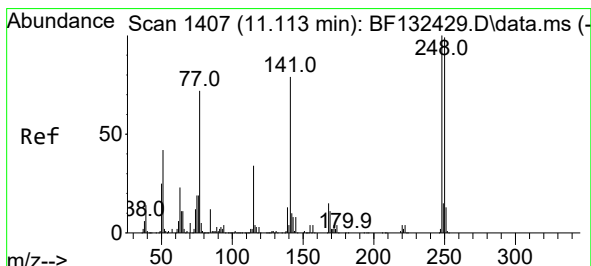
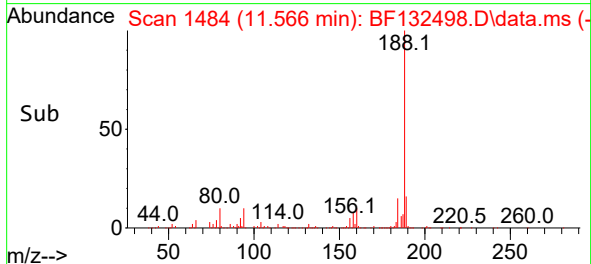
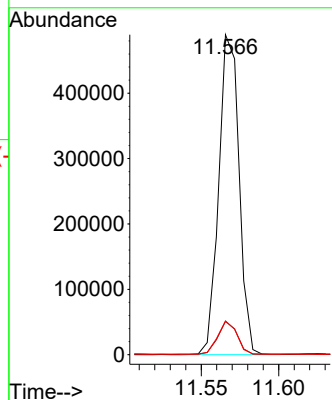
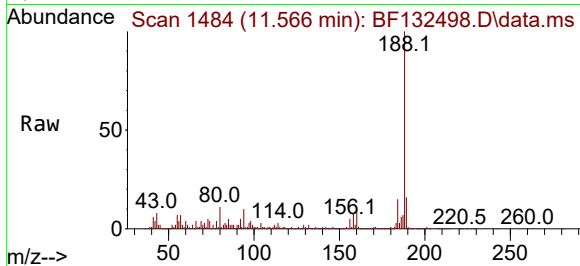




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.566 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BF132498.D
Acq: 21 Feb 2023 16:30

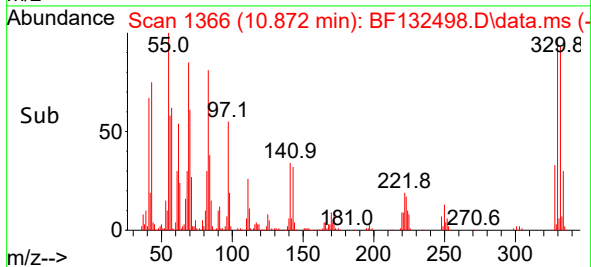
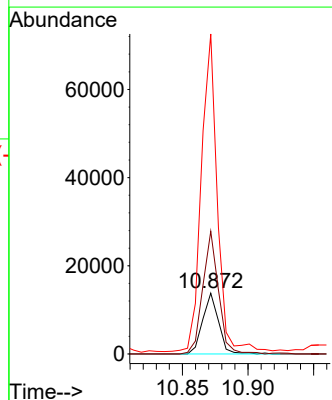
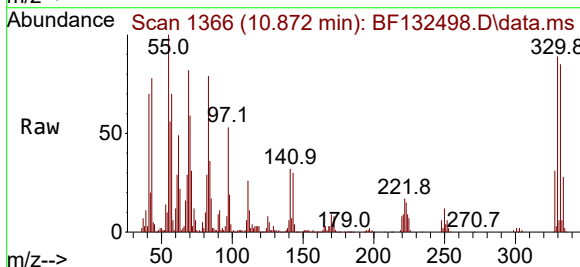
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

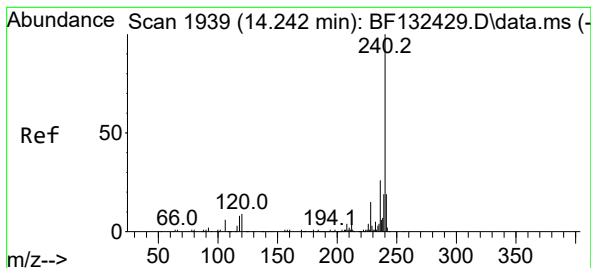
Tgt Ion:188 Resp: 446548
Ion Ratio Lower Upper
188 100
94 10.4 8.0 12.0
80 10.6 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 2.381 ng
RT: 10.872 min Scan# 1366
Delta R.T. -0.235 min
Lab File: BF132498.D
Acq: 21 Feb 2023 16:30

Tgt Ion:248 Resp: 11655
Ion Ratio Lower Upper
248 100
250 202.1 79.0 118.4#
141 526.8 63.3 94.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.236 min Scan# 1938

Delta R.T. 0.006 min

Lab File: BF132498.D

Acq: 21 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

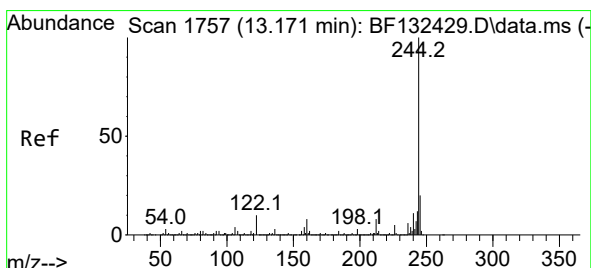
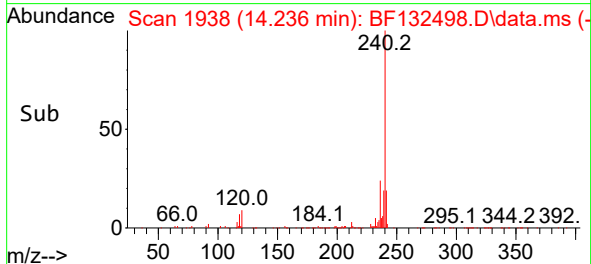
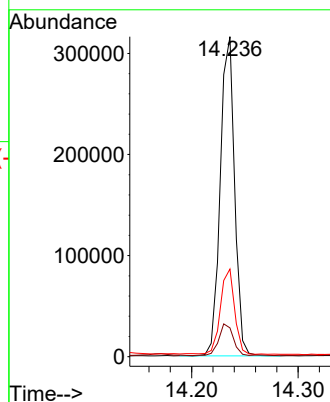
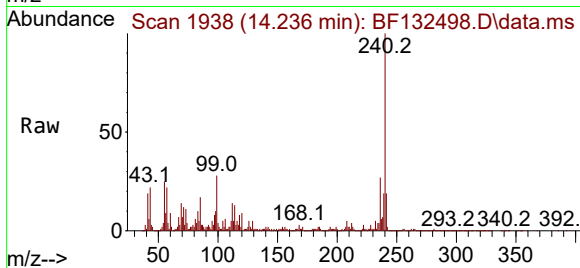
Tgt Ion:240 Resp: 294924

Ion Ratio Lower Upper

240 100

120 9.0 7.5 11.3

236 27.4 21.0 31.6



#79

Terphenyl-d14

Concen: 82.288 ng

RT: 13.166 min Scan# 1756

Delta R.T. 0.006 min

Lab File: BF132498.D

Acq: 21 Feb 2023 16:30

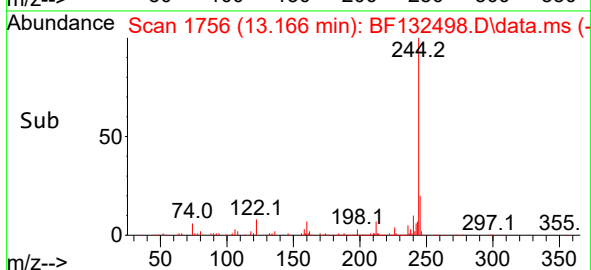
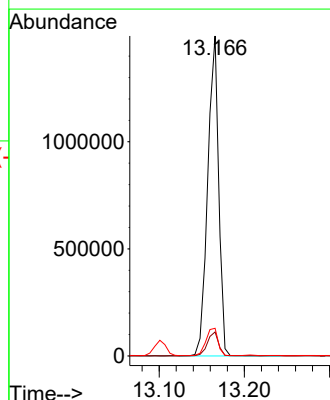
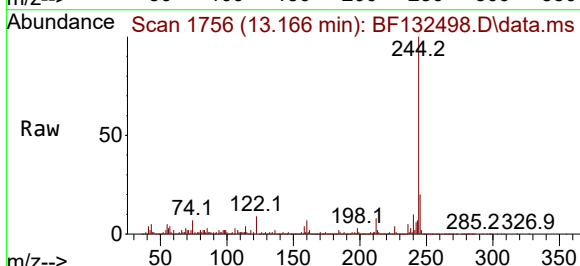
Tgt Ion:244 Resp: 1332559

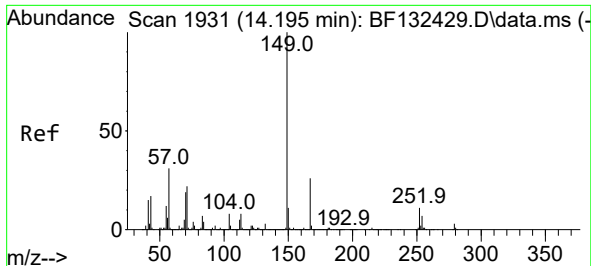
Ion Ratio Lower Upper

244 100

212 7.5 6.7 10.1

122 8.6 7.7 11.5

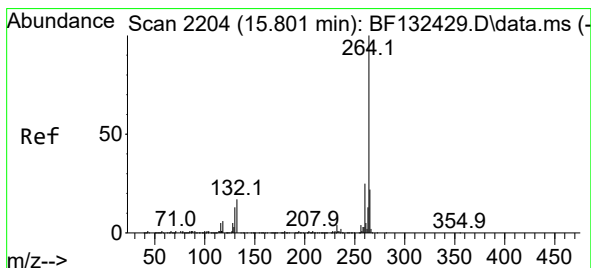
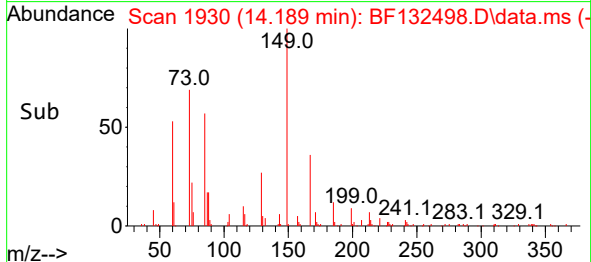
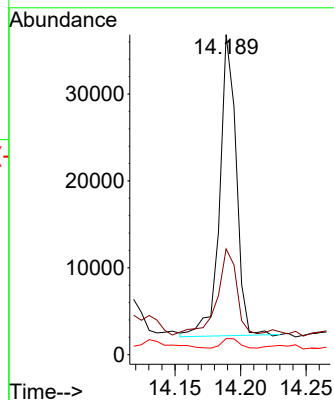
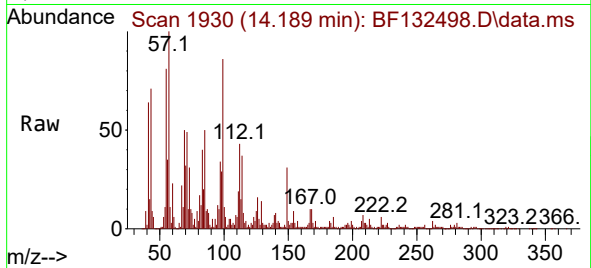




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.497 ng
RT: 14.189 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BF132498.D
Acq: 21 Feb 2023 16:30

Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

Tgt Ion:149 Resp: 30213
Ion Ratio Lower Upper
149 100
167 33.1 21.0 31.6#
279 5.0 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: BF132498.D
Acq: 21 Feb 2023 16:30

Tgt Ion:264 Resp: 225436
Ion Ratio Lower Upper
264 100
260 24.1 20.0 30.0
265 22.2 17.2 25.8

