

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)

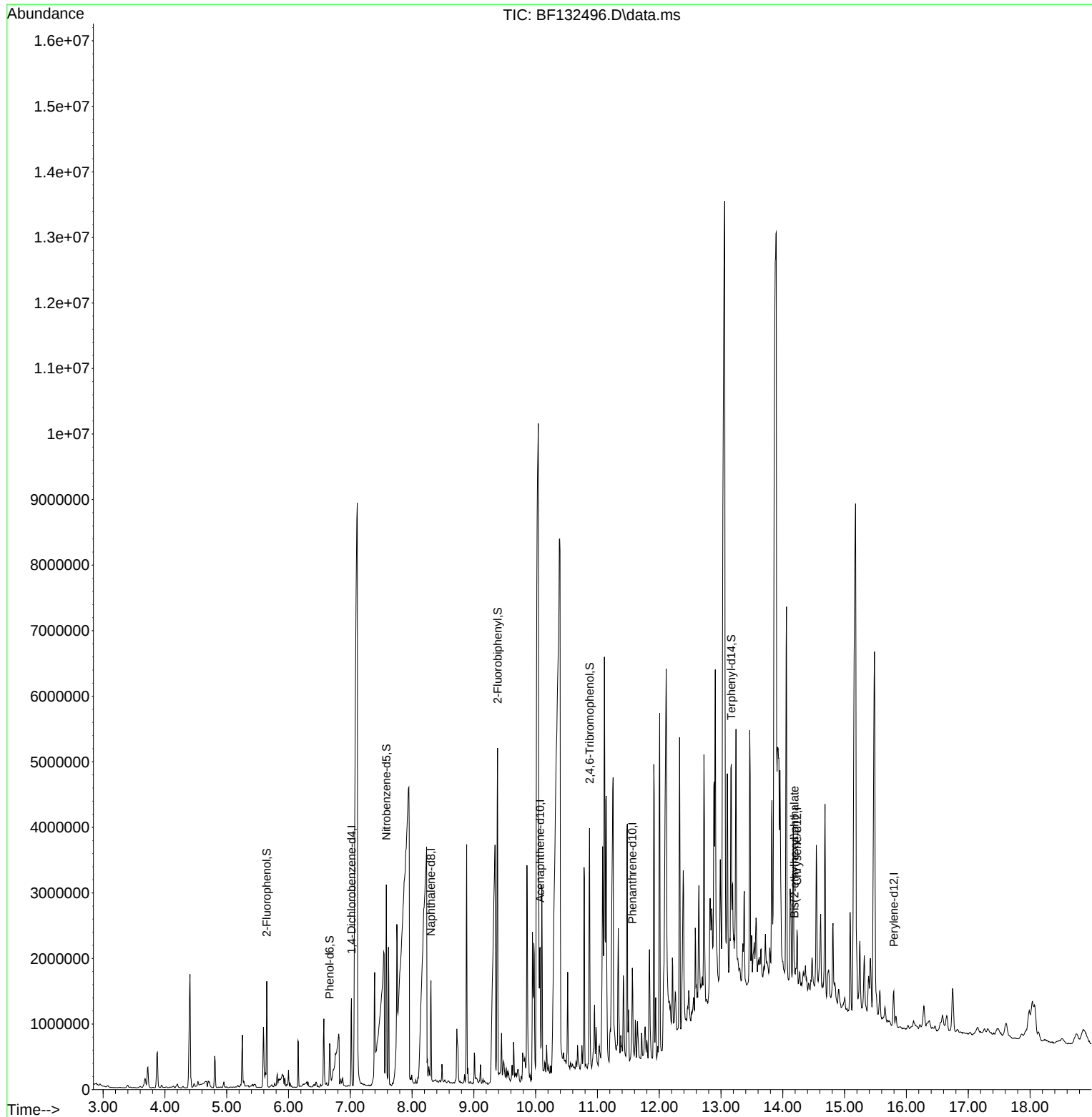
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.019	152	181693	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	633293	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	284927	20.000	ng	0.00
64) Phenanthrene-d10	11.566	188	466840	20.000	ng	0.00
76) Chrysene-d12	14.230	240	316318	20.000	ng	# 0.00
86) Perylene-d12	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						
84) Bis(2-ethylhexyl)phtha...	14.189	149	33401	2.573	ng	# 83

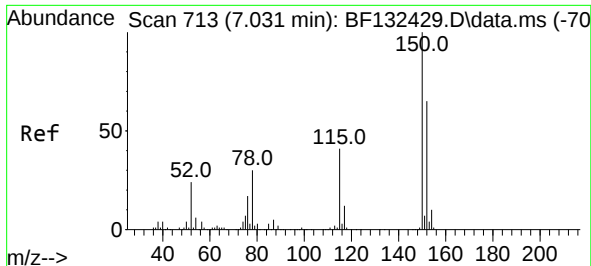
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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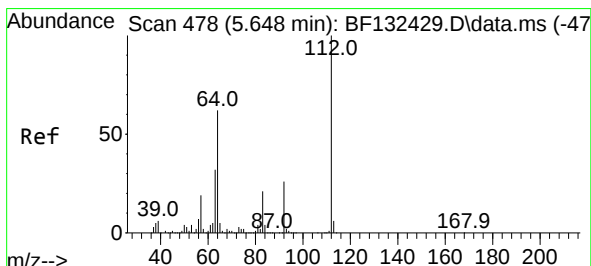
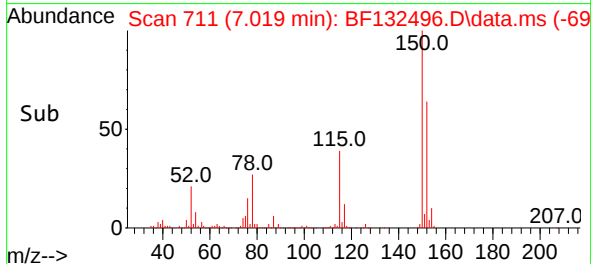
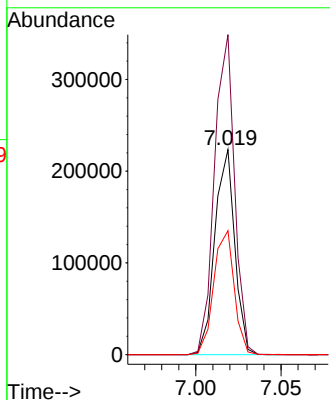
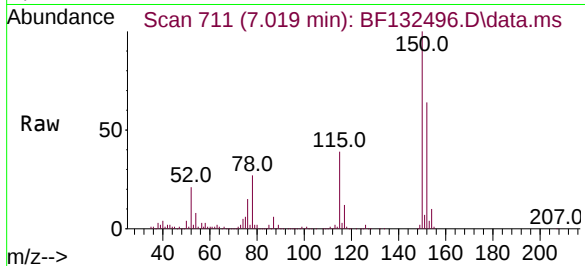




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.019 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF132496.D
Acq: 21 Feb 2023 15:14

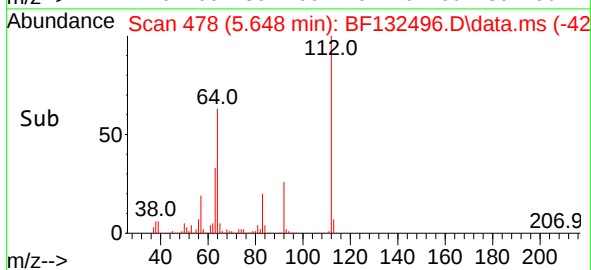
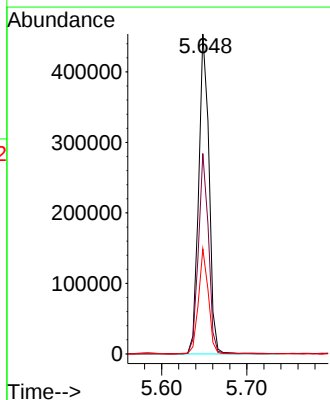
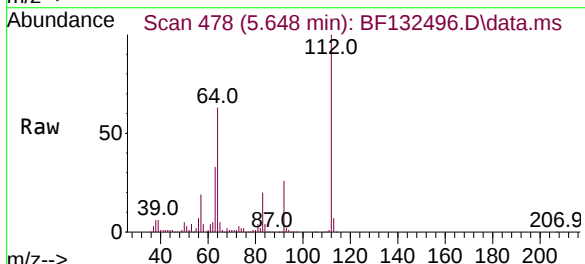
Instrument :
BNA_F
ClientSampleId :
EFF-WW

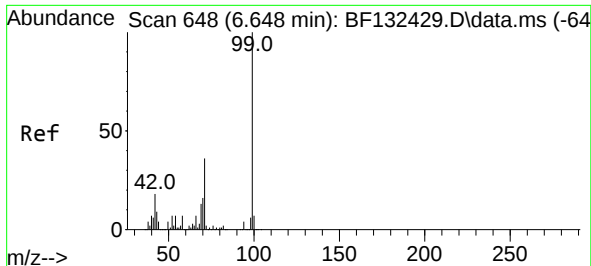
Tgt Ion:152 Resp: 181693
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.8
115 60.4 50.4 75.6



#5
2-Fluorophenol
Concen: 33.721 ng
RT: 5.648 min Scan# 478
Delta R.T. 0.006 min
Lab File: BF132496.D
Acq: 21 Feb 2023 15:14

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

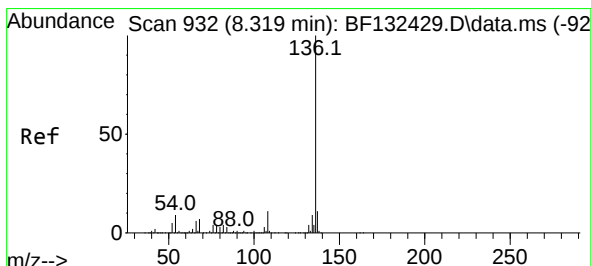
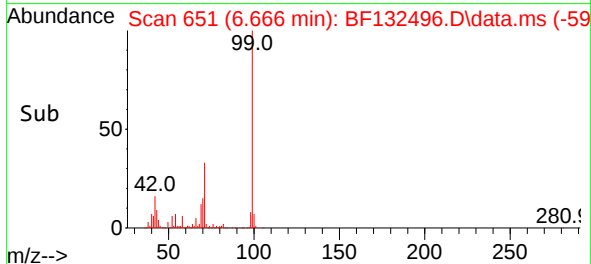
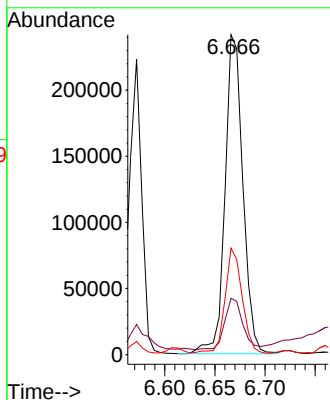
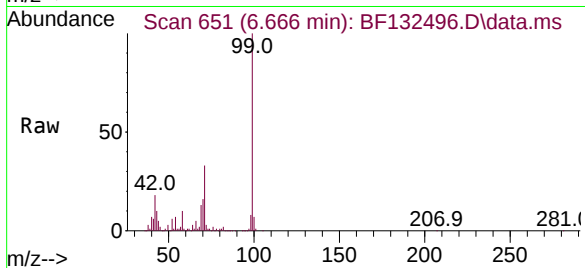




#7
Phenol-d6
Concen: 20.281 ng
RT: 6.666 min Scan# 61
Delta R.T. 0.018 min
Lab File: BF132496.D
Acq: 21 Feb 2023 15:14

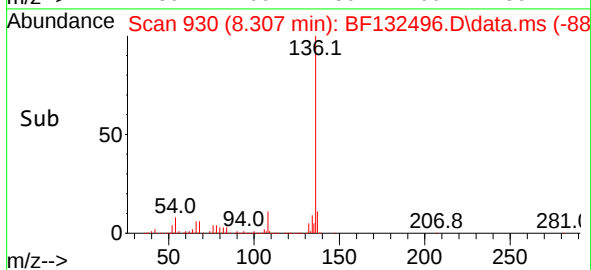
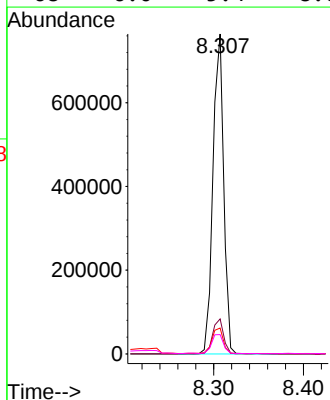
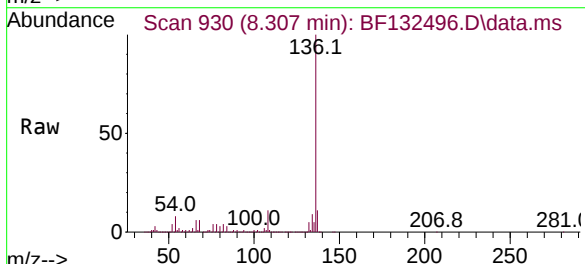
Instrument :
BNA_F
ClientSampleId :
EFF-WW

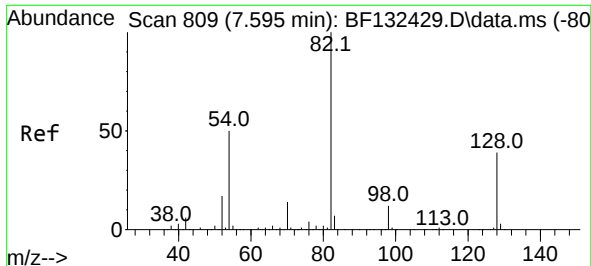
Tgt Ion: 99 Resp: 300288
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 33.3 28.7 43.1



#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# 80

Delta R.T. -0.012 min

Lab File: BF132496.D

Acq: 21 Feb 2023 15:14

Instrument :

BNA_F

ClientSampleId :

EFF-WW

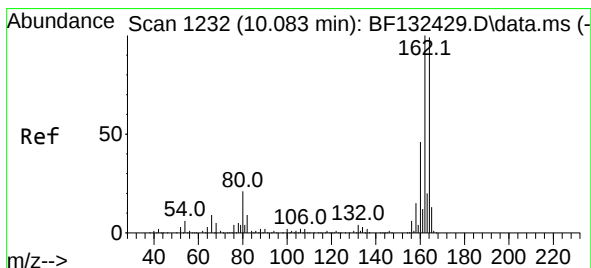
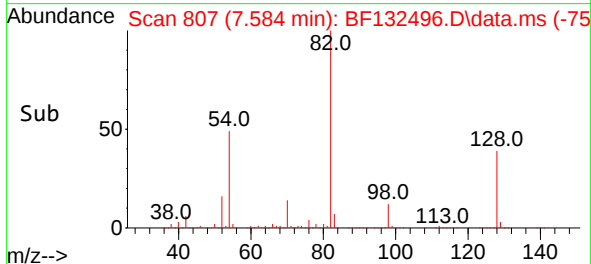
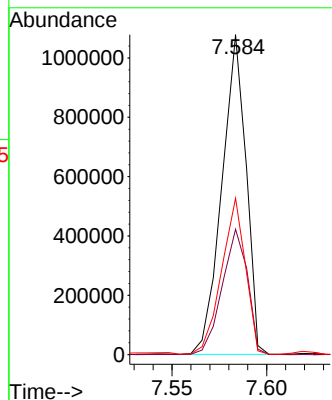
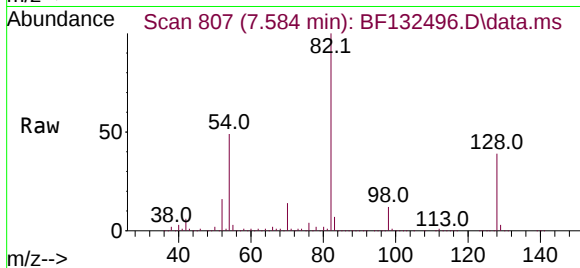
Tgt Ion: 82 Resp: 957978

Ion Ratio Lower Upper

82 100

128 39.2 30.8 46.2

54 48.9 40.2 60.4



#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

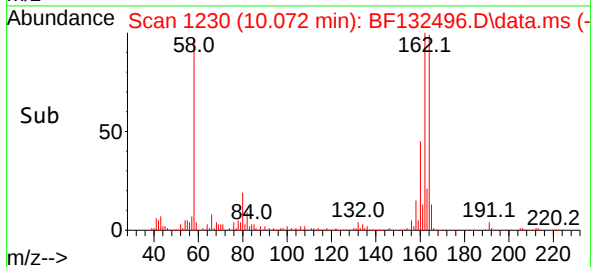
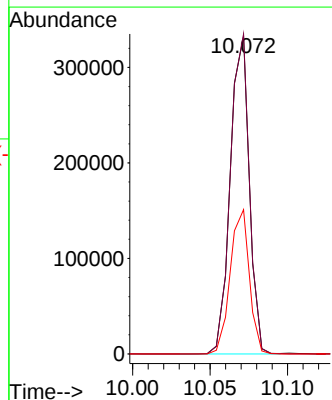
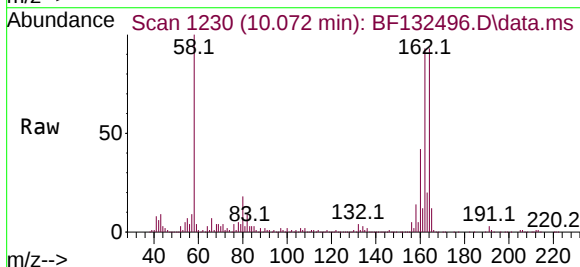
Tgt Ion:164 Resp: 284927

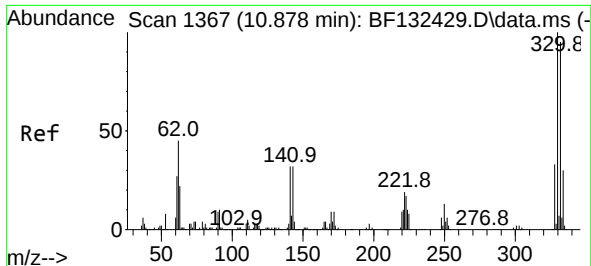
Ion Ratio Lower Upper

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# 1366

Delta R.T. 0.000 min

Lab File: BF132496.D

Acq: 21 Feb 2023 15:14

Instrument :

BNA_F

ClientSampleId :

EFF-WW

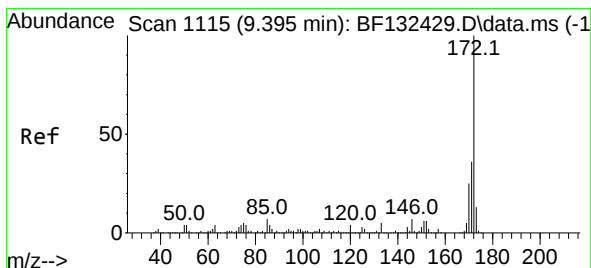
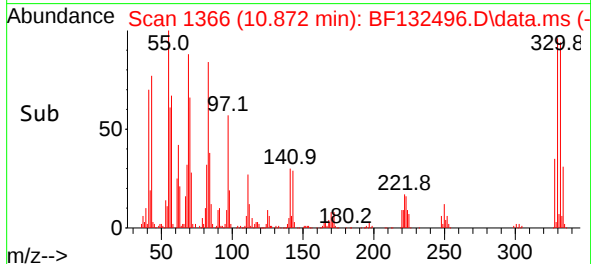
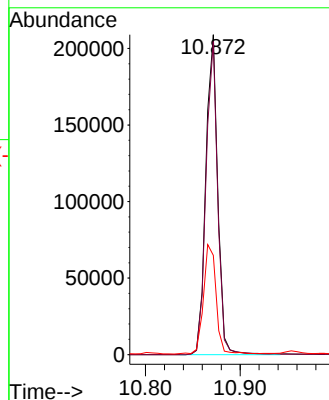
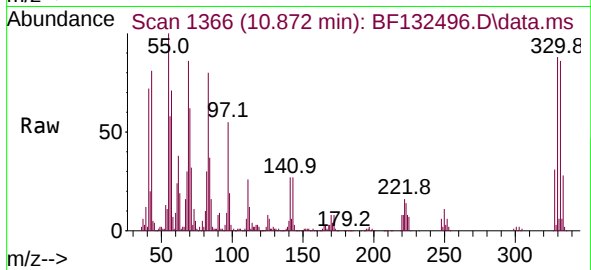
Tgt Ion:330 Resp: 183233

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

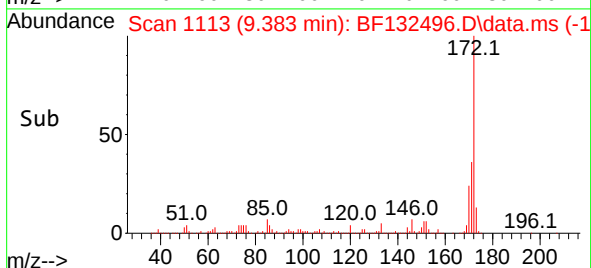
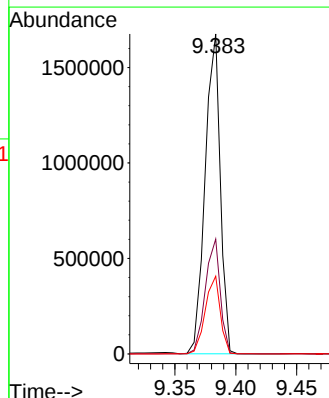
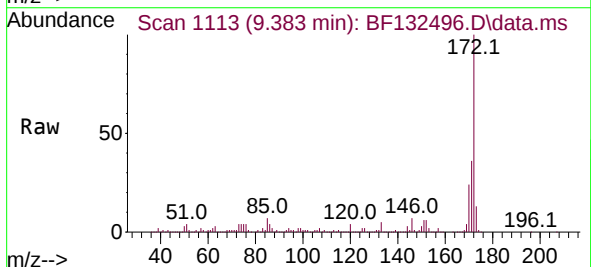
Tgt Ion:172 Resp: 1449844

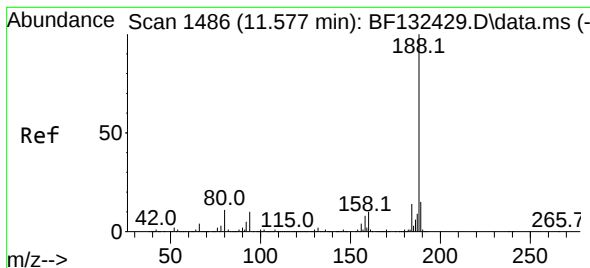
Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

170 24.3 19.9 29.9





#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

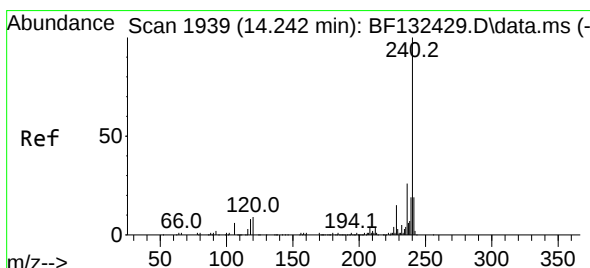
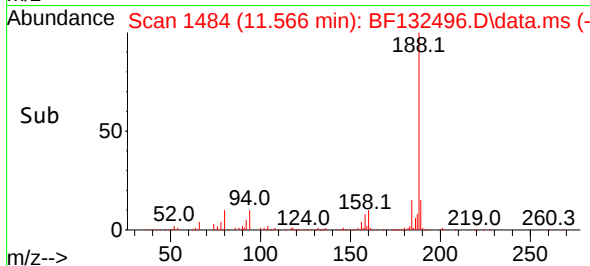
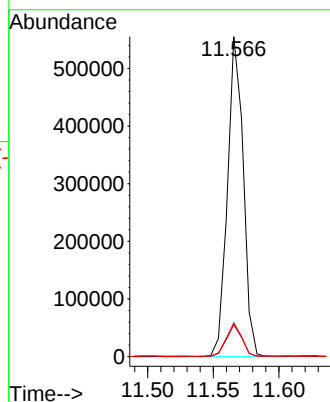
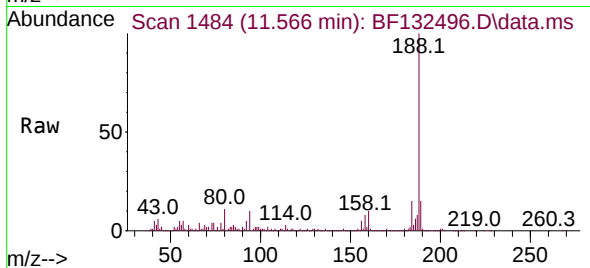
Tgt Ion:188 Resp: 466840

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

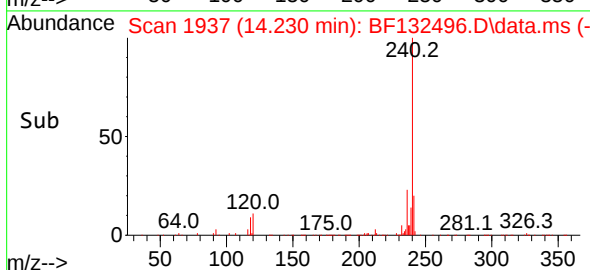
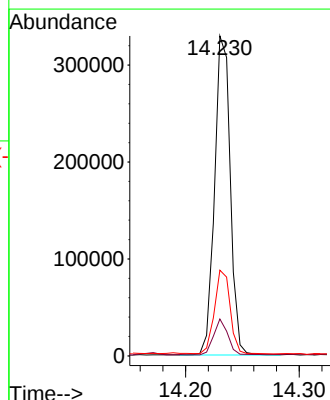
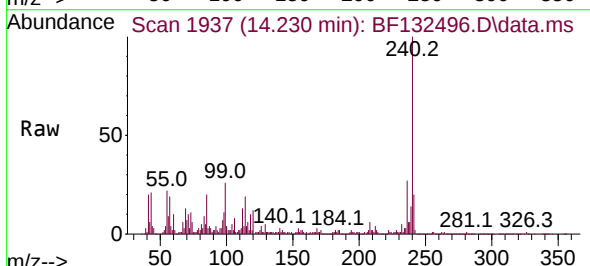
Tgt Ion:240 Resp: 316318

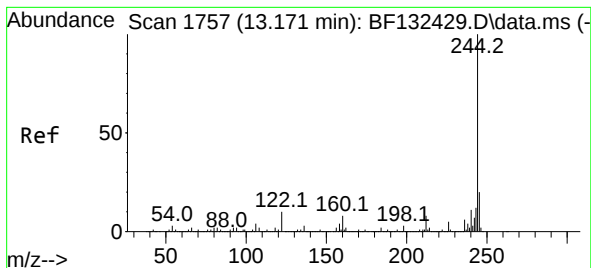
Ion Ratio Lower Upper

240 100

120 11.5 7.5 11.3#

236 26.8 21.0 31.6





#79

Terphenyl-d14

Concen: 76.652 ng

RT: 13.166 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132496.D

Acq: 21 Feb 2023 15:14

Instrument :

BNA_F

ClientSampleId :

EFF-WW

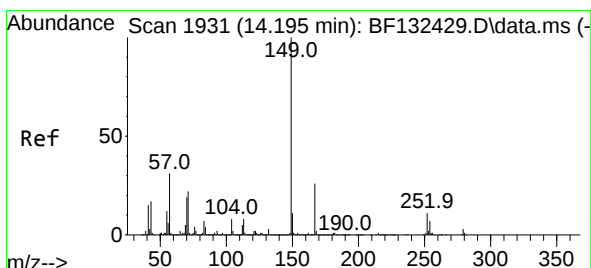
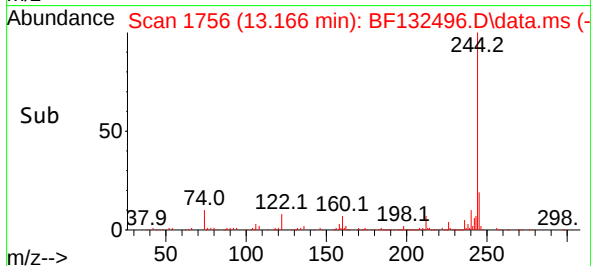
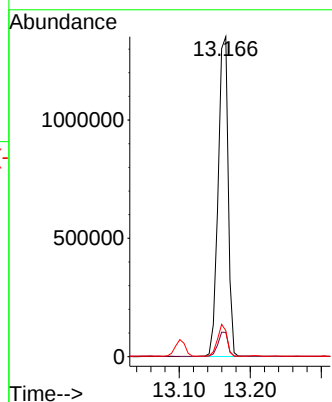
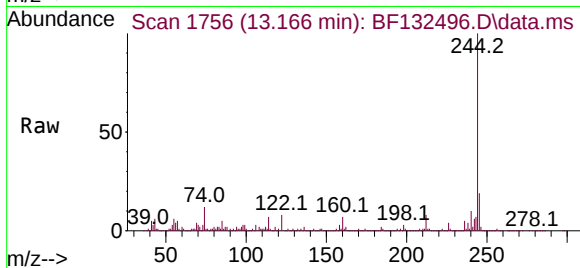
Tgt Ion:244 Resp: 1331342

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

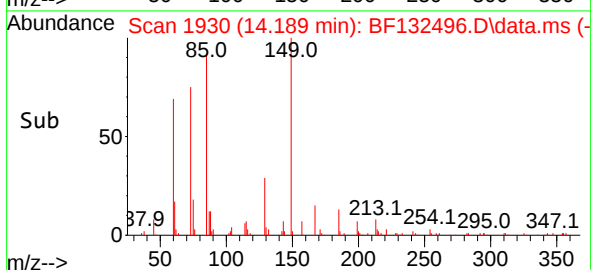
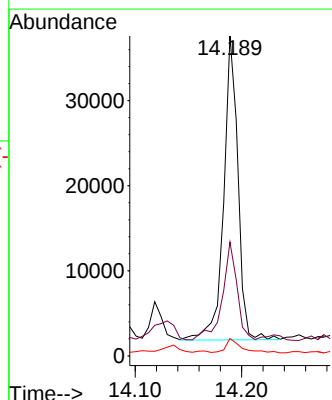
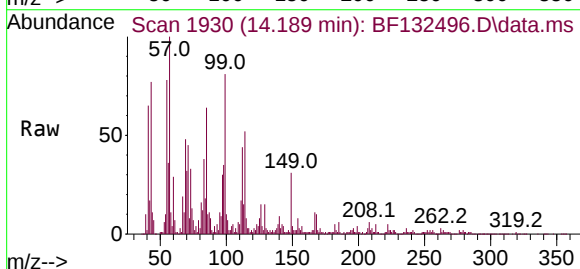
Tgt Ion:149 Resp: 33401

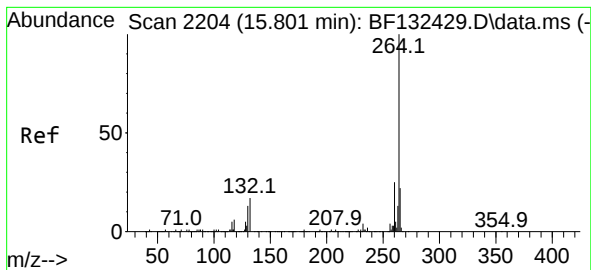
Ion Ratio Lower Upper

149 100

167 35.6 21.0 31.6#

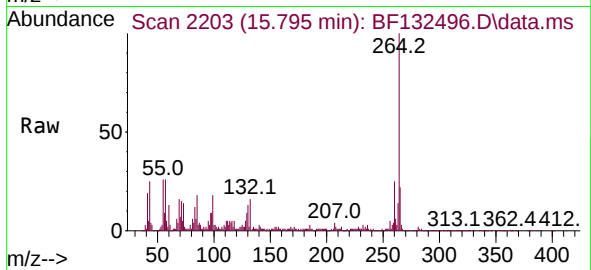
279 5.4 2.5 3.7#





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

Instrument :
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ClientSampleId :
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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

