

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)

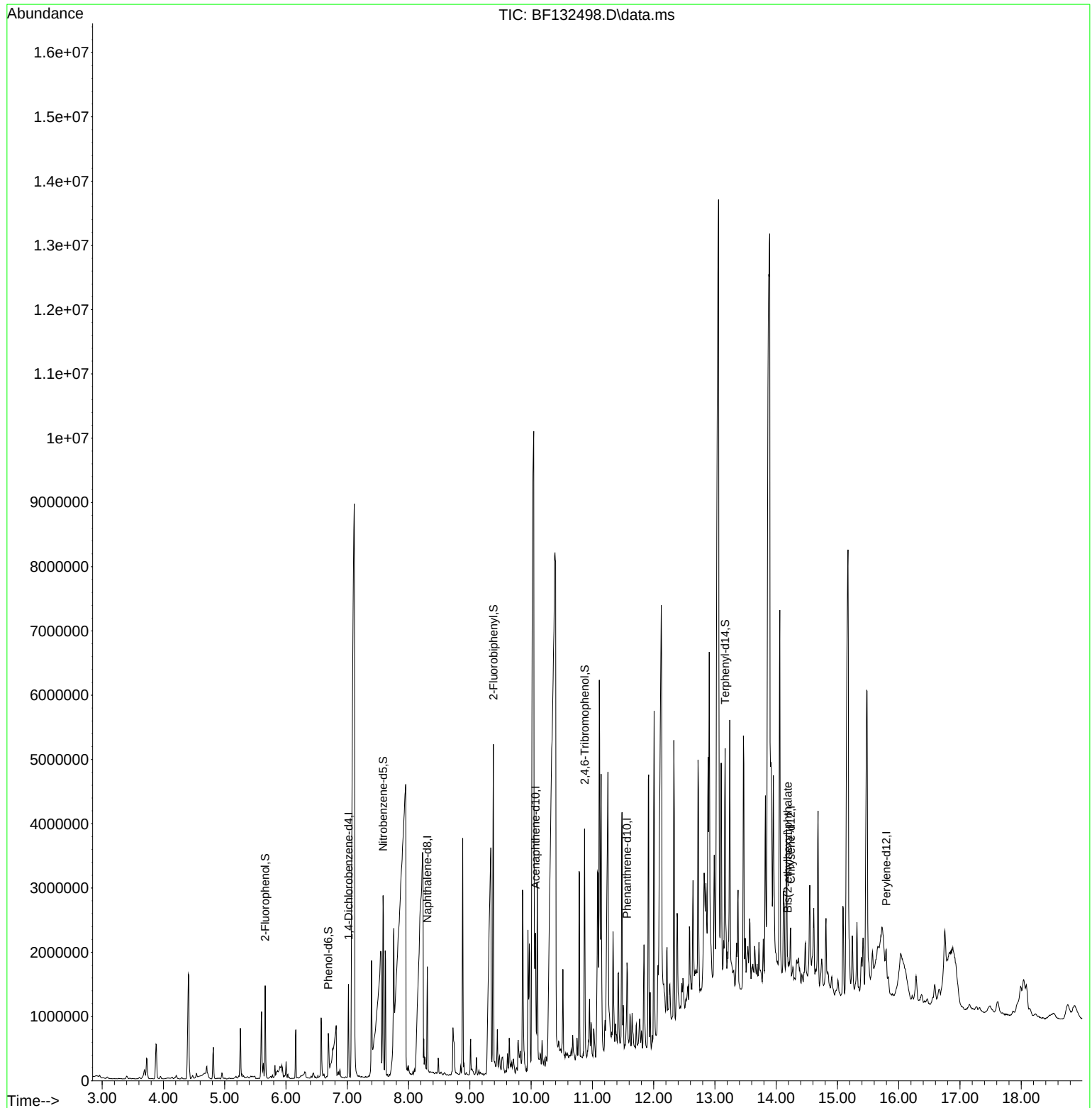
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.019	152	183695	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	624538	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	268052	20.000	ng	0.00
64) Phenanthrene-d10	11.566	188	446548	20.000	ng	0.00
76) Chrysene-d12	14.236	240	294924	20.000	ng	0.00
86) Perylene-d12	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						
84) Bis(2-ethylhexyl)phtha...	14.189	149	30213	2.497	ng	Qvalue # 88

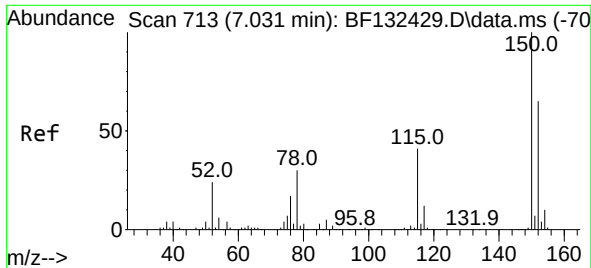
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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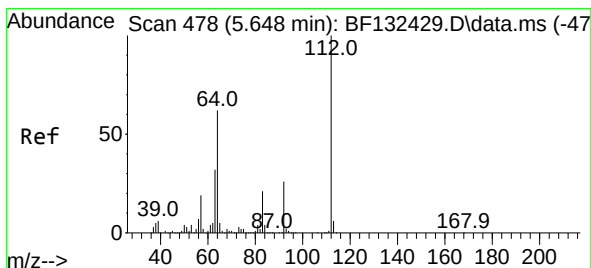
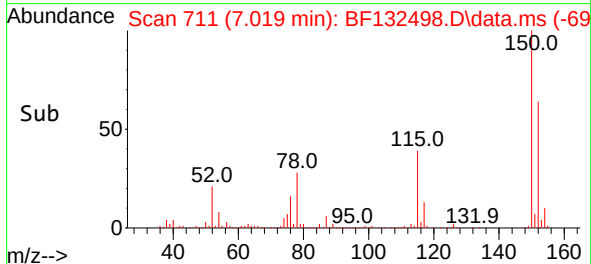
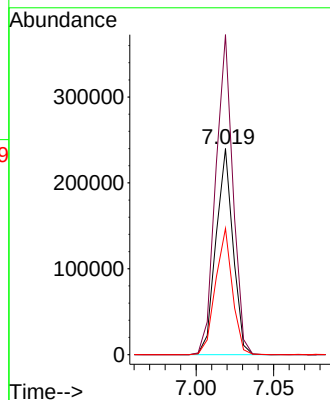
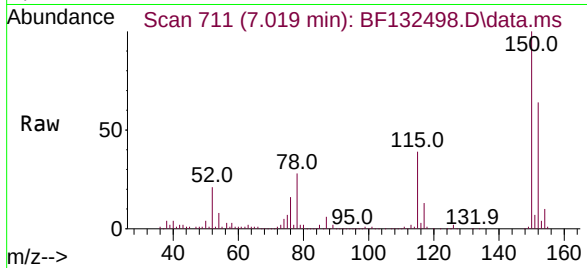




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.019 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132498.D
Acq: 21 Feb 2023 16:30

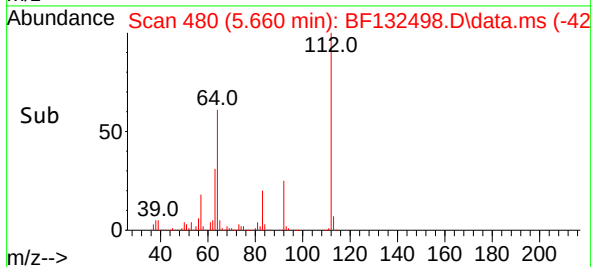
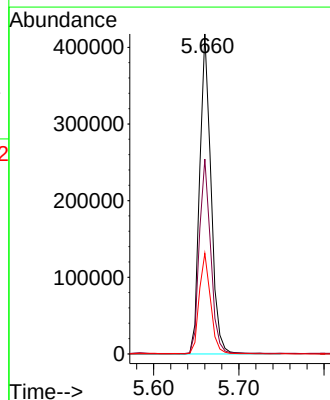
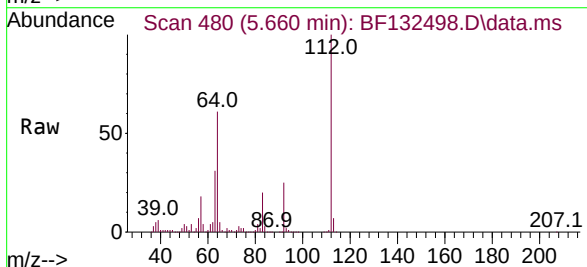
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

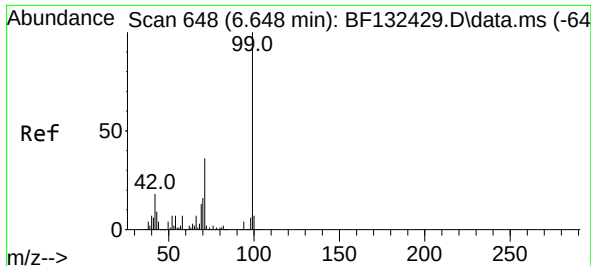
Tgt Ion:152 Resp: 183695
Ion Ratio Lower Upper
152 100
150 155.3 123.8 185.8
115 61.3 50.4 75.6



#5
2-Fluorophenol
Concen: 33.490 ng
RT: 5.660 min Scan# 480
Delta R.T. 0.018 min
Lab File: BF132498.D
Acq: 21 Feb 2023 16:30

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

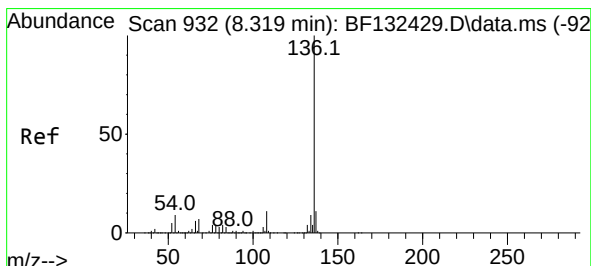
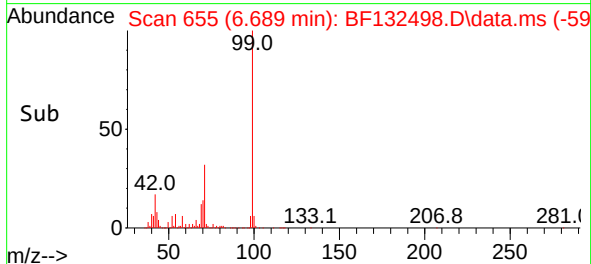
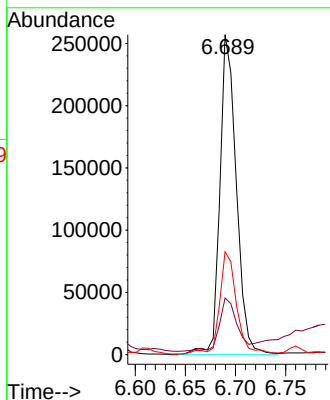
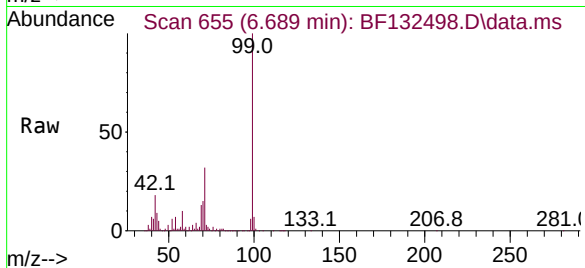




#7
Phenol-d6
Concen: 19.664 ng
RT: 6.689 min Scan# 61
Delta R.T. 0.041 min
Lab File: BF132498.D
Acq: 21 Feb 2023 16:30

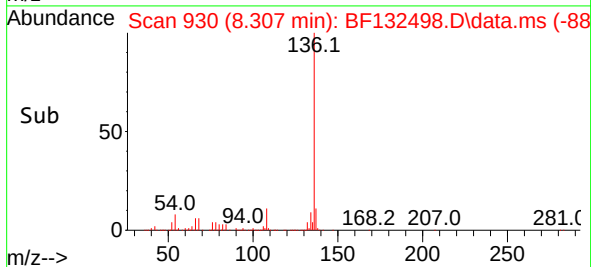
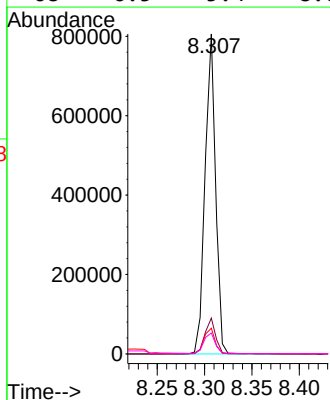
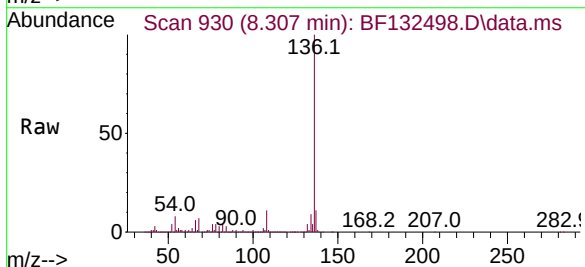
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

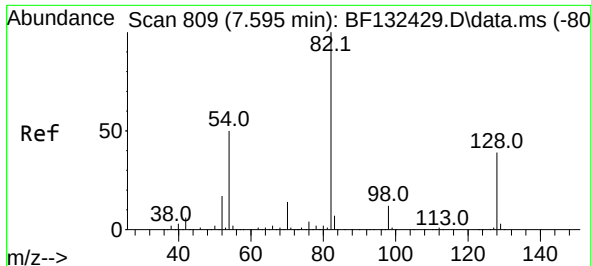
Tgt Ion: 99 Resp: 294351
Ion Ratio Lower Upper
99 100
42 17.7 14.6 21.8
71 32.1 28.7 43.1



#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

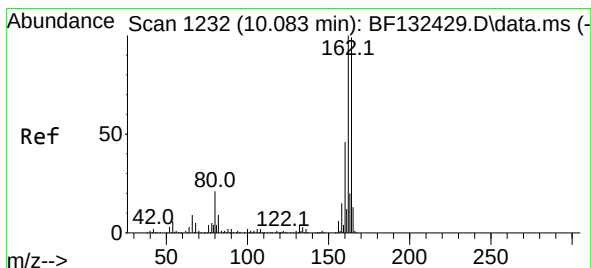
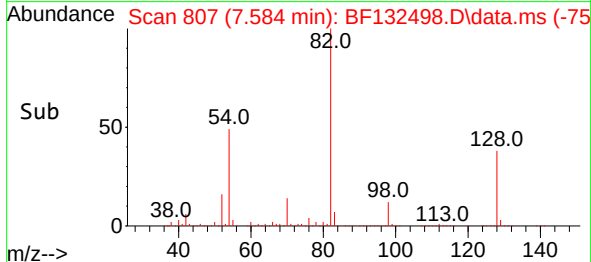
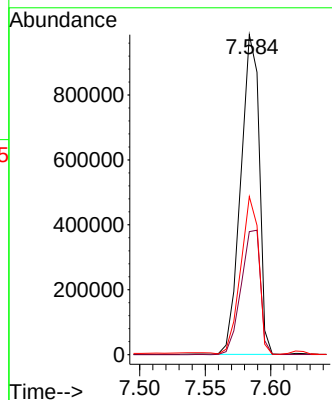
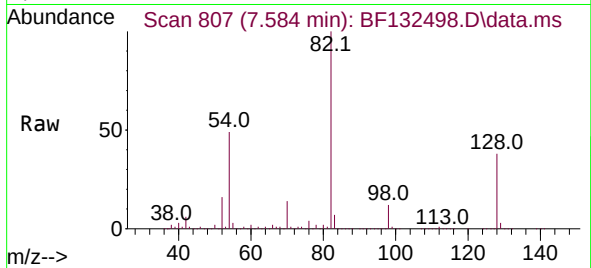




#23
Nitrobenzene-d5
Concen: 74.293 ng
RT: 7.584 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF132498.D
Acq: 21 Feb 2023 16:30

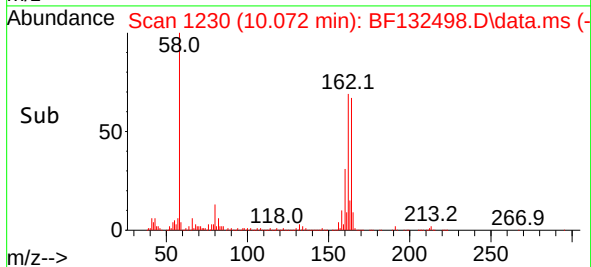
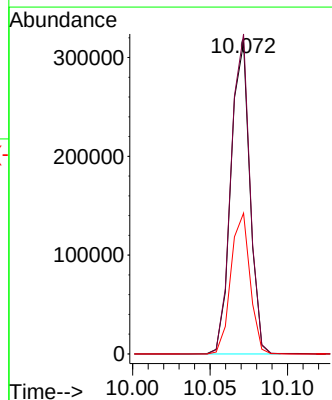
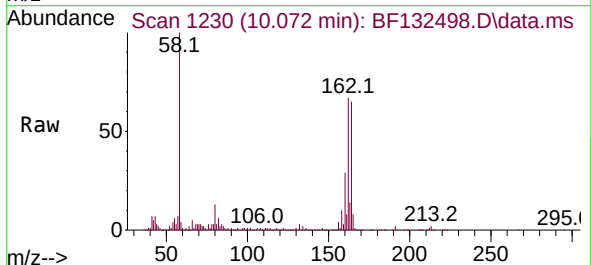
Instrument :
BNA_F
ClientSampleId :
EFF-WWRE

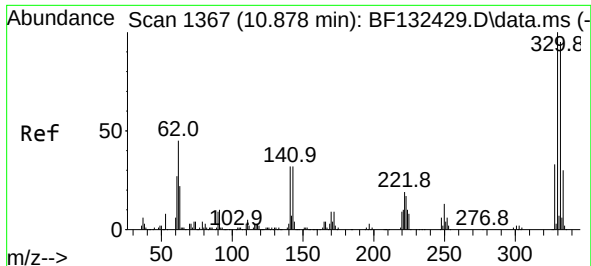
Tgt Ion: 82 Resp: 965645
Ion Ratio Lower Upper
82 100
128 38.4 30.8 46.2
54 49.4 40.2 60.4



#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# 1367

Delta R.T. 0.000 min

Lab File: BF132498.D

Acq: 21 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

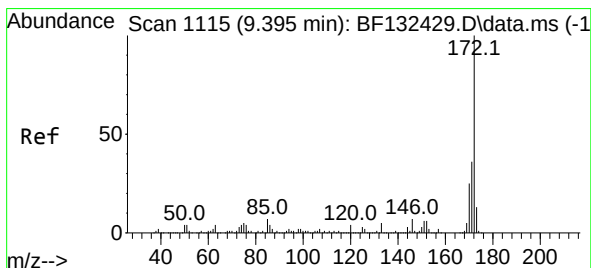
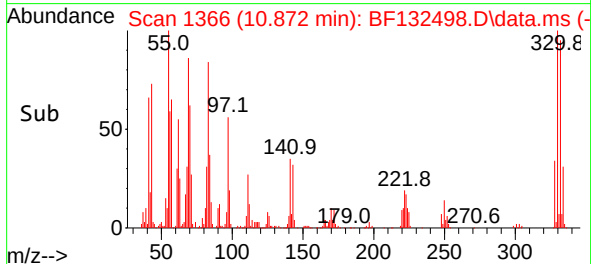
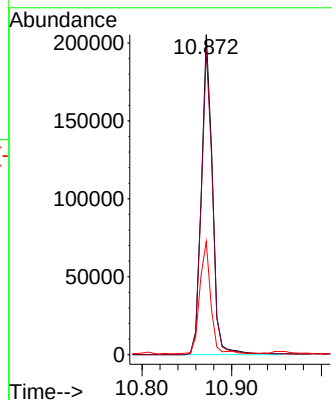
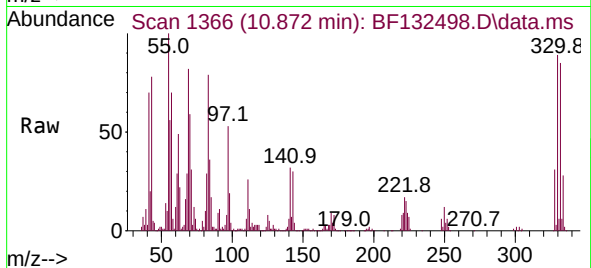
Tgt Ion:330 Resp: 174771

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

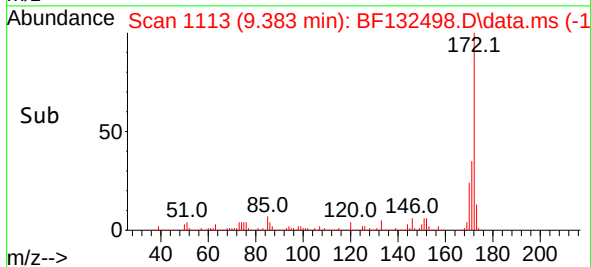
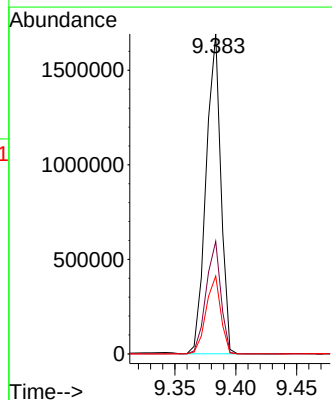
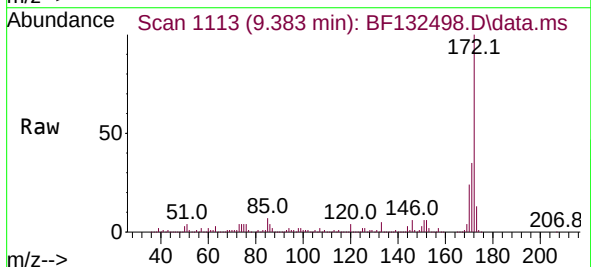
Tgt Ion:172 Resp: 1428434

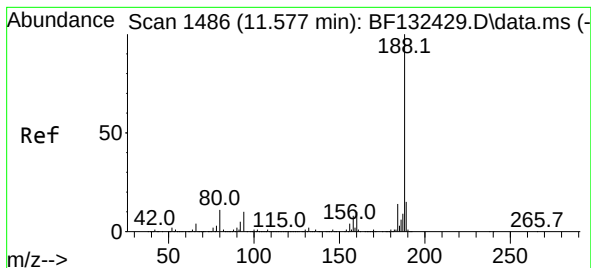
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 24.3 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.566 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF132498.D

Acq: 21 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

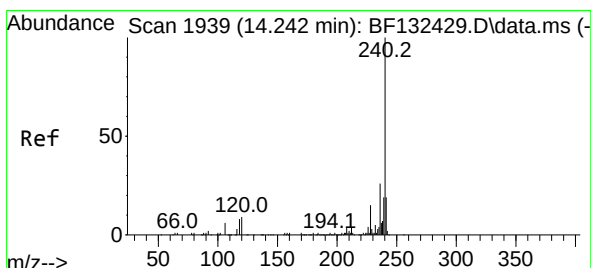
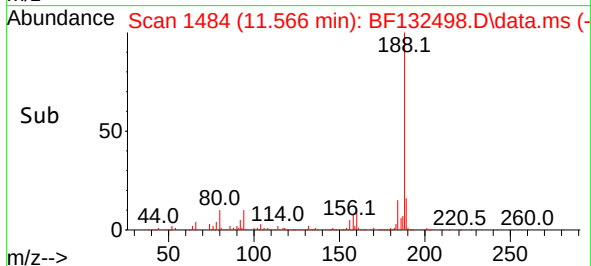
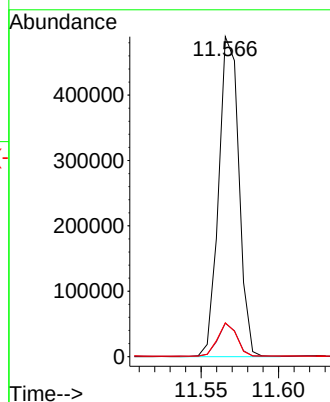
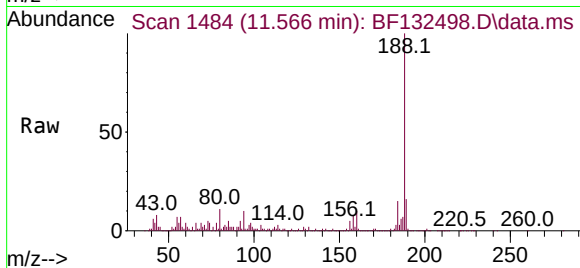
Tgt Ion:188 Resp: 446548

Ion Ratio Lower Upper

188 100

94 10.4 8.0 12.0

80 10.6 8.6 12.8



#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

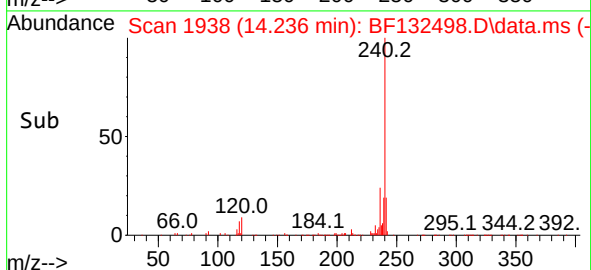
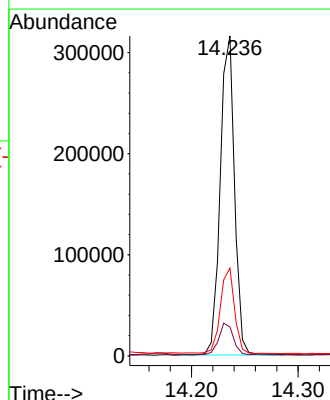
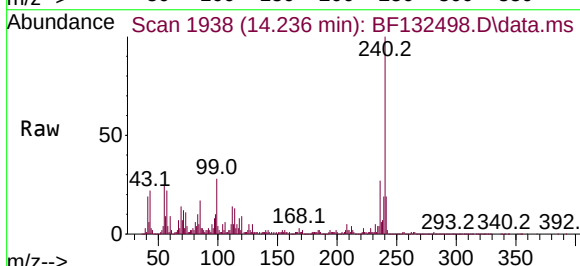
Tgt Ion:240 Resp: 294924

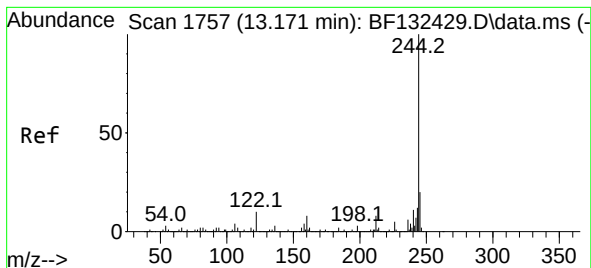
Ion Ratio Lower Upper

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# 11

Delta R.T. 0.006 min

Lab File: BF132498.D

Acq: 21 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

EFF-WWRE

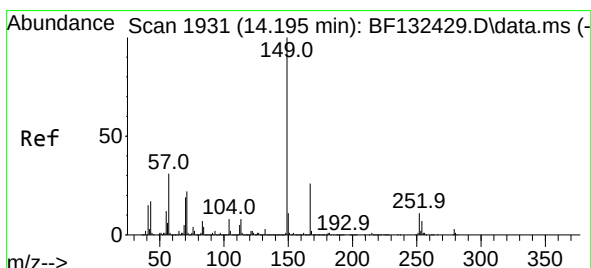
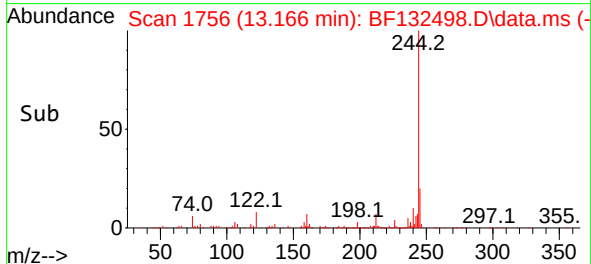
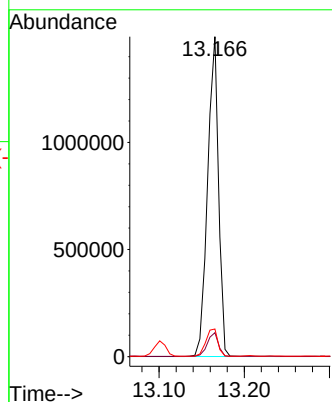
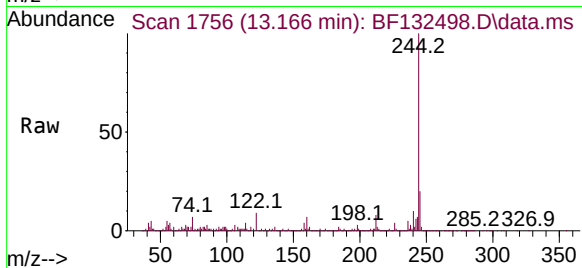
Tgt Ion:244 Resp: 1332559

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# 1930

Delta R.T. 0.000 min

Lab File: BF132498.D

Acq: 21 Feb 2023 16:30

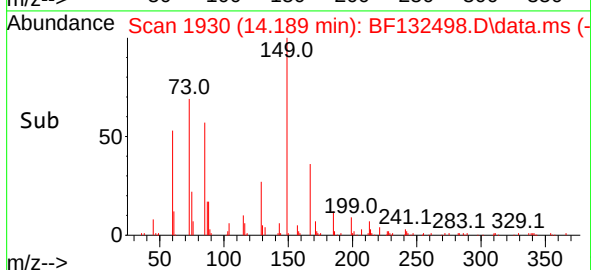
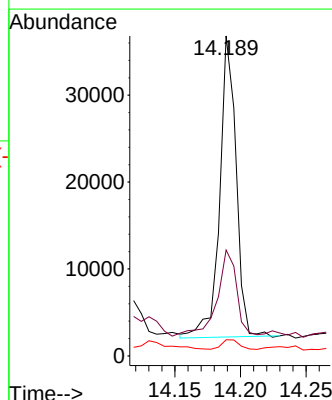
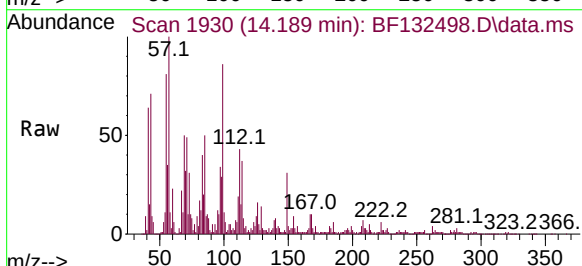
Tgt Ion:149 Resp: 30213

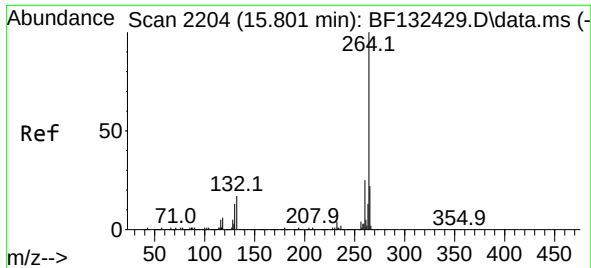
Ion Ratio Lower Upper

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# 21
Delta R.T. 0.012 min
Lab File: BF132498.D
Acq: 21 Feb 2023 16:30

Instrument :
BNA_F
ClientSampleId :
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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

