

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132522.D
 Acq On : 23 Feb 2023 16:04
 Operator : CG\JU
 Sample : 01657-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-17-SB02

Quant Time: Feb 24 00:37:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	173425	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	655671	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	361629	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	712694	20.000	ng	0.00
76) Chrysene-d12	14.207	240	397081	20.000	ng	-0.01
86) Perylene-d12	15.760	264	349128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	1078163	100.898	ng	0.00
7) Phenol-d6	6.637	99	1393979	99.957	ng	0.00
23) Nitrobenzene-d5	7.572	82	926515	67.043	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	400674	102.594	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	1489282	62.707	ng	0.00
79) Terphenyl-d14	13.142	244	1807292	76.953	ng	0.00

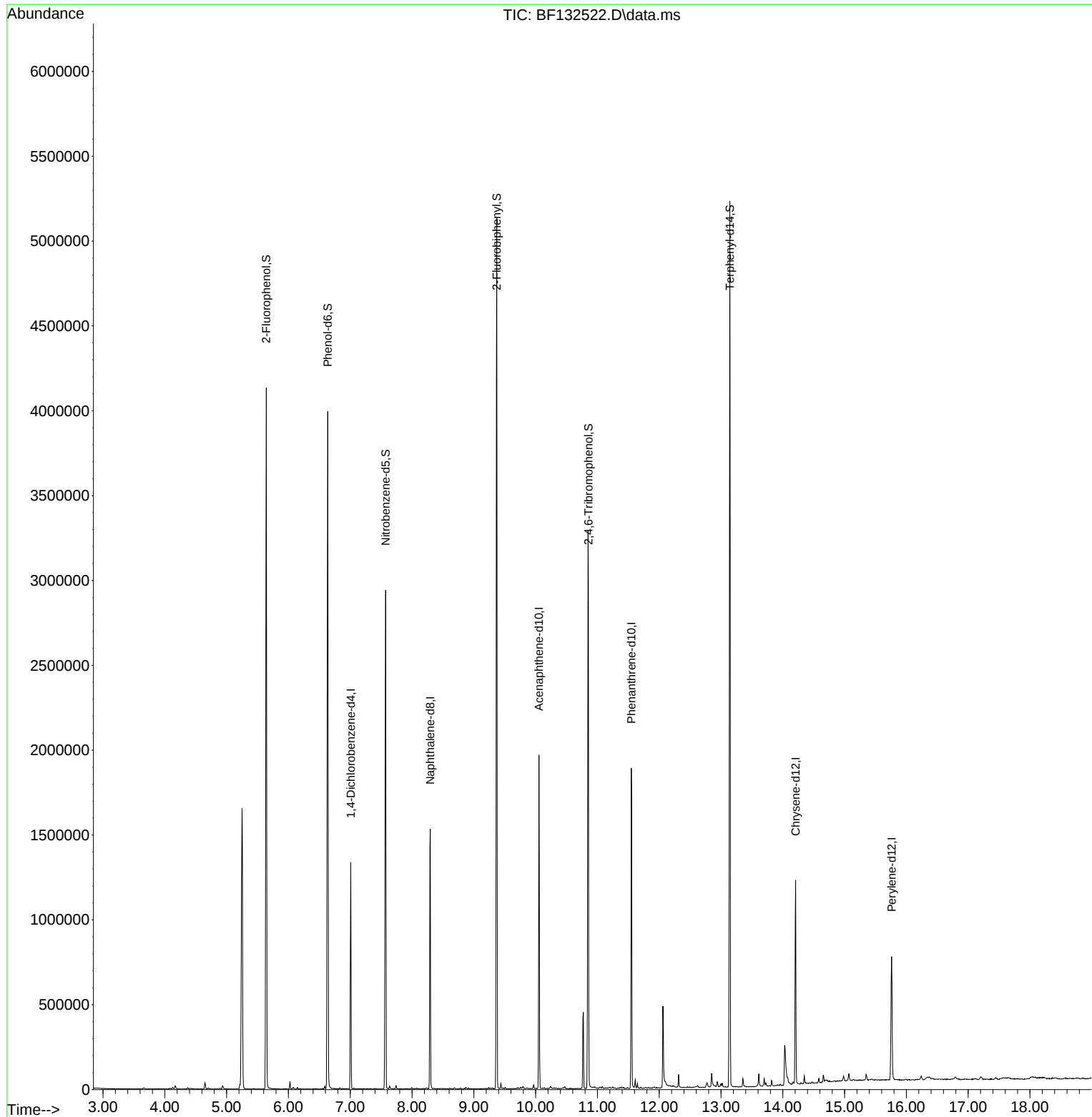
Target Compounds Qvalue

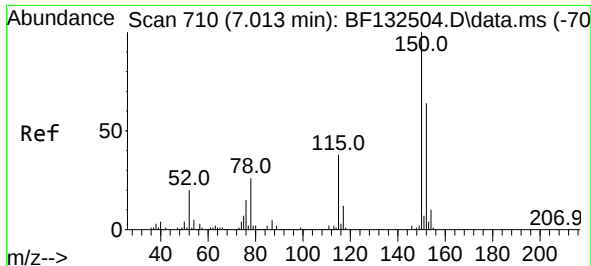
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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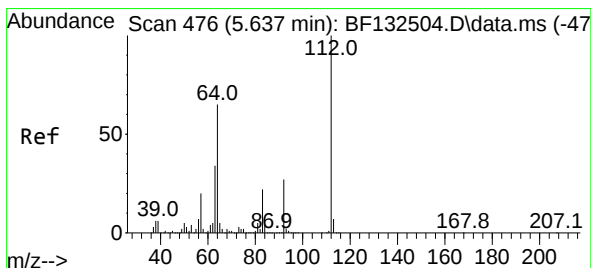
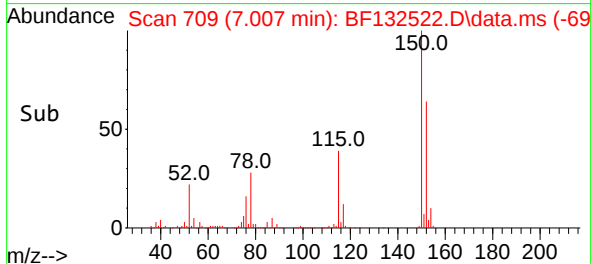
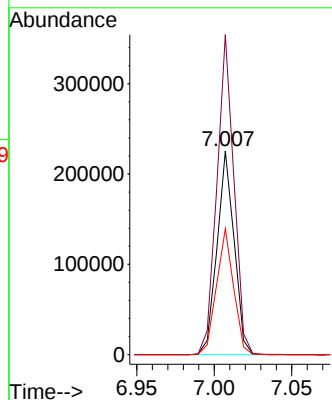
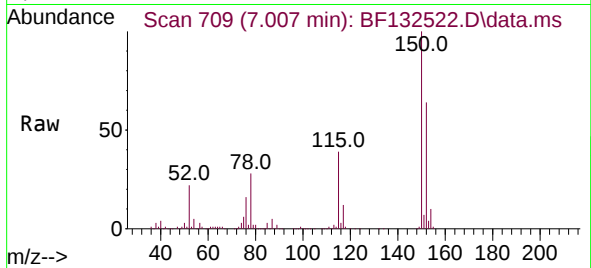




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

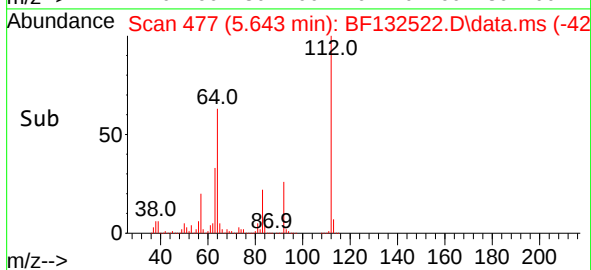
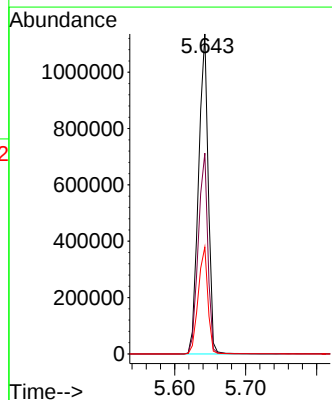
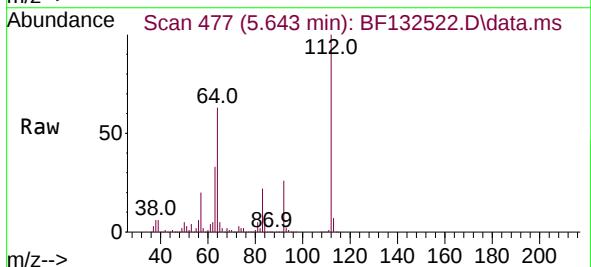
Instrument :
BNA_F
ClientSampleId :
B-17-SB02

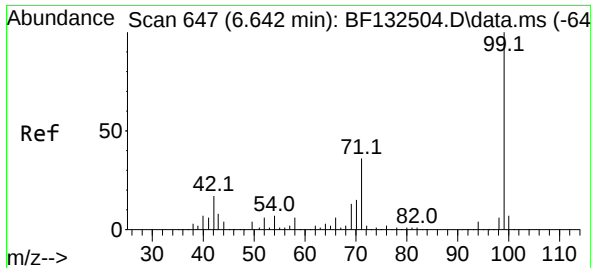
Tgt Ion:152 Resp: 173425
Ion Ratio Lower Upper
152 100
150 157.2 125.4 188.2
115 61.8 47.8 71.6



#5
2-Fluorophenol
Concen: 100.898 ng
RT: 5.643 min Scan# 477
Delta R.T. 0.006 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

Tgt Ion:112 Resp: 1078163
Ion Ratio Lower Upper
112 100
64 62.7 51.6 77.4
63 33.4 27.4 41.2

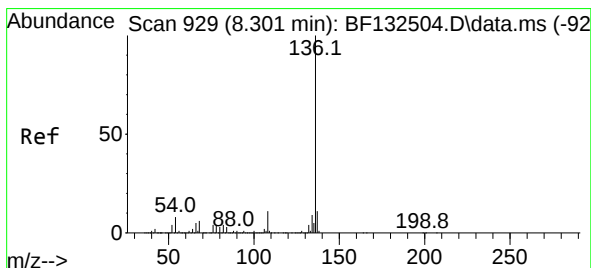
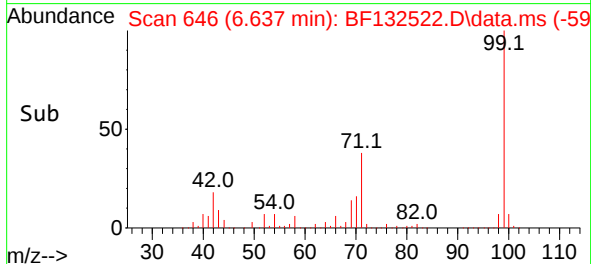
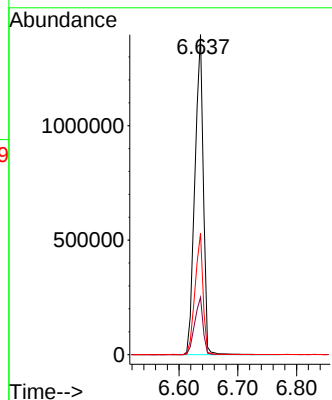
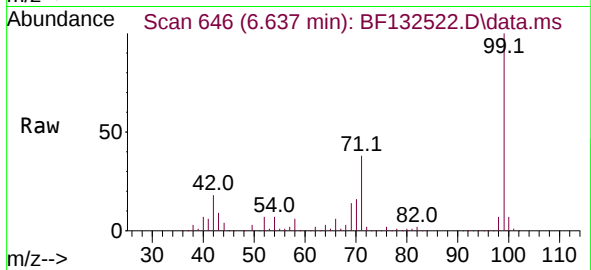




#7
Phenol-d6
Concen: 99.957 ng
RT: 6.637 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

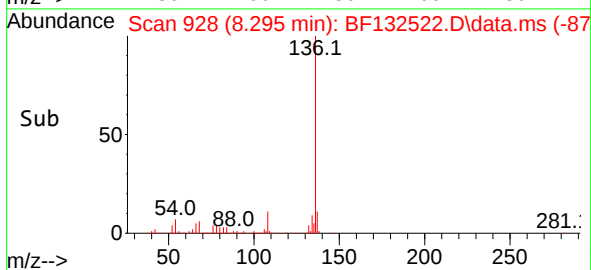
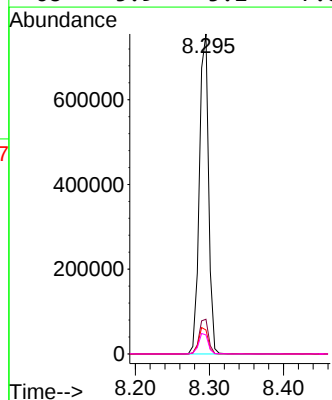
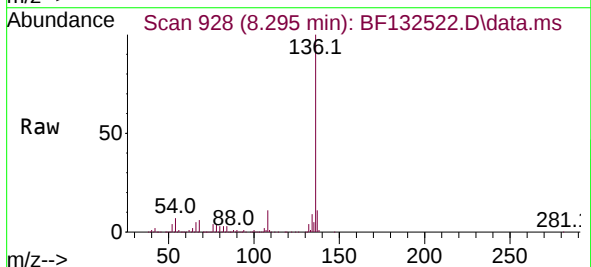
Instrument :
BNA_F
ClientSampleId :
B-17-SB02

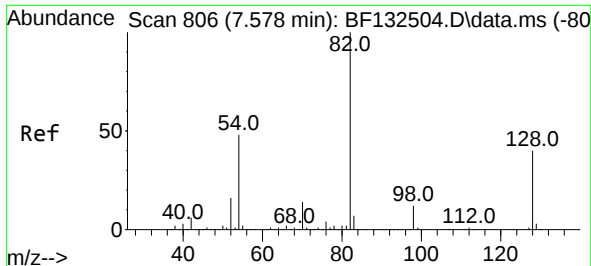
Tgt Ion: 99 Resp: 1393979
Ion Ratio Lower Upper
99 100
42 17.9 13.9 20.9
71 37.9 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

Tgt Ion: 136 Resp: 655671
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.5 6.2 9.4
68 5.9 5.2 7.8

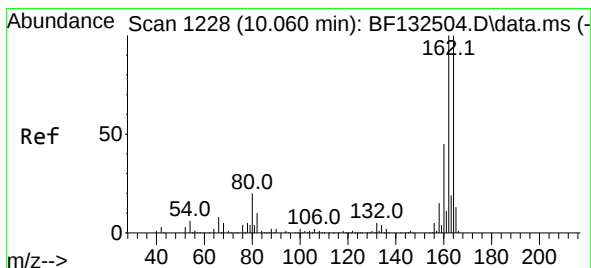
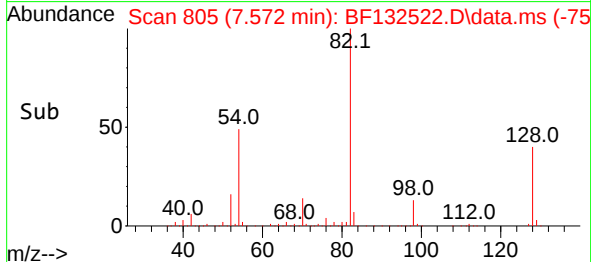
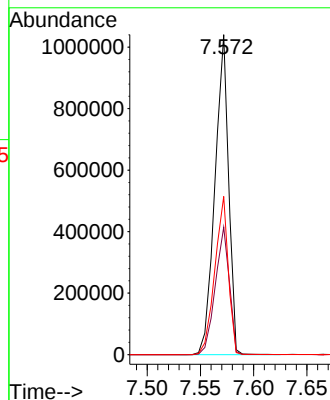
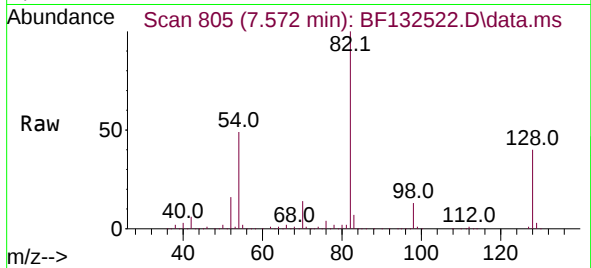




#23
Nitrobenzene-d5
Concen: 67.043 ng
RT: 7.572 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

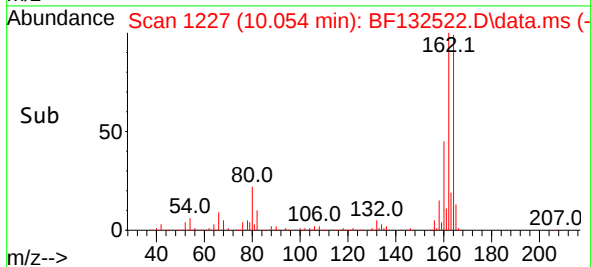
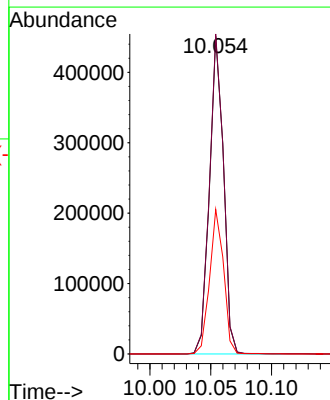
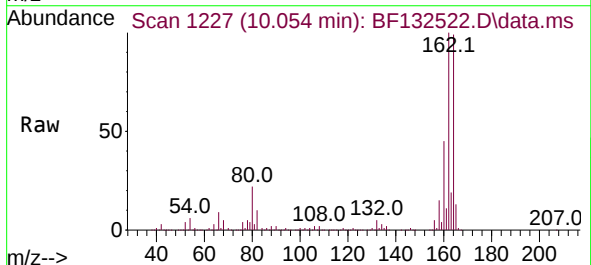
Instrument :
BNA_F
ClientSampleId :
B-17-SB02

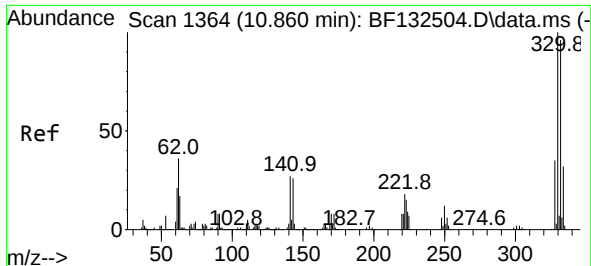
Tgt Ion: 82 Resp: 926515
Ion Ratio Lower Upper
82 100
128 39.8 32.2 48.2
54 49.4 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

Tgt Ion:164 Resp: 361629
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.8
160 45.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 102.594 ng

RT: 10.854 min Scan# 1111

Delta R.T. -0.006 min

Lab File: BF132522.D

Acq: 23 Feb 2023 16:04

Instrument :

BNA_F

ClientSampleId :

B-17-SB02

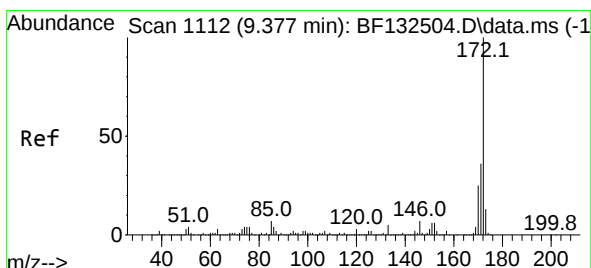
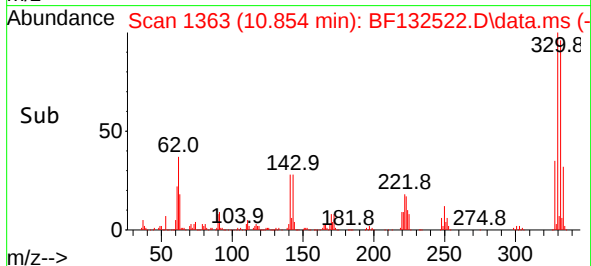
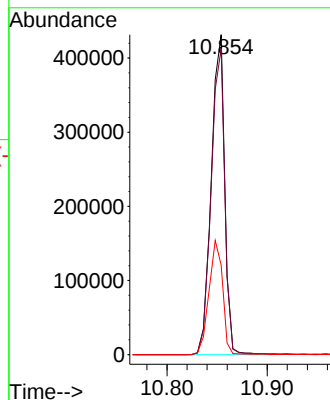
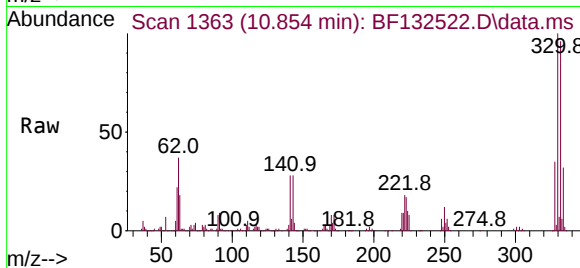
Tgt Ion:330 Resp: 400674

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

141 36.2 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 62.707 ng

RT: 9.372 min Scan# 1111

Delta R.T. -0.005 min

Lab File: BF132522.D

Acq: 23 Feb 2023 16:04

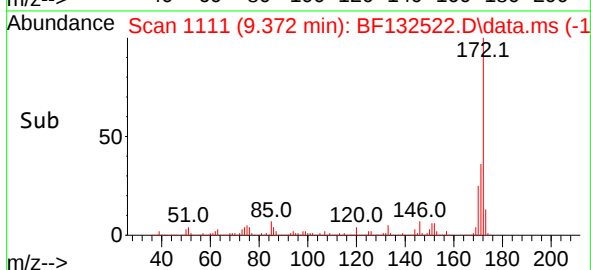
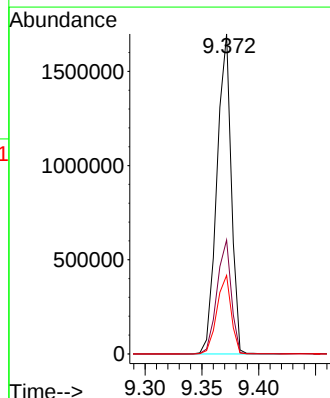
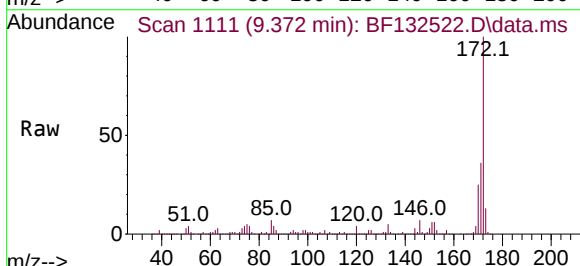
Tgt Ion:172 Resp: 1489282

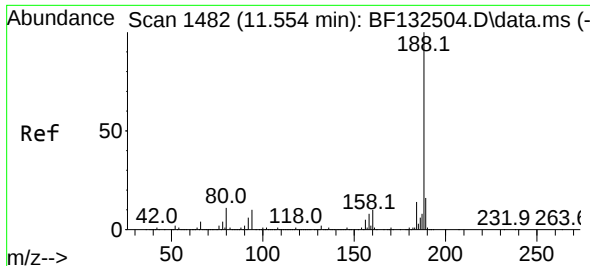
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.5 19.7 29.5

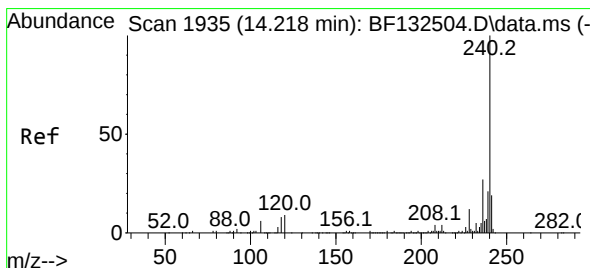
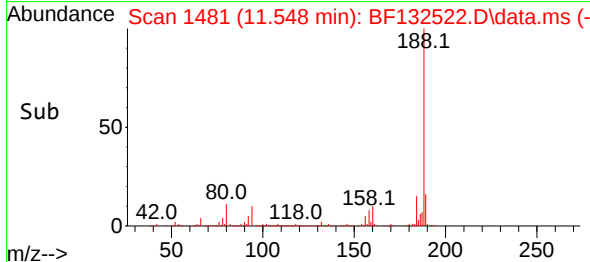
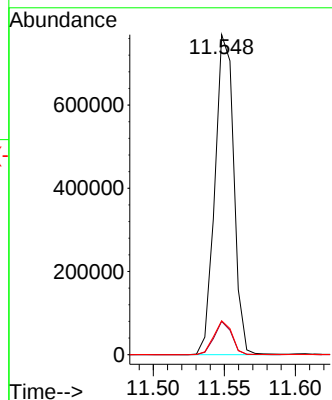
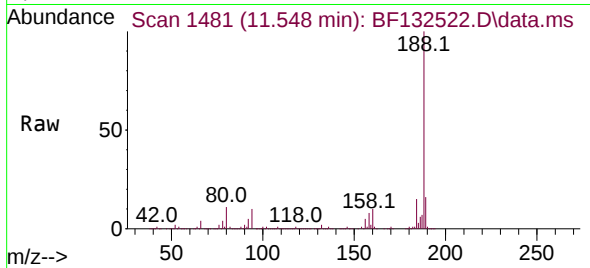




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.548 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

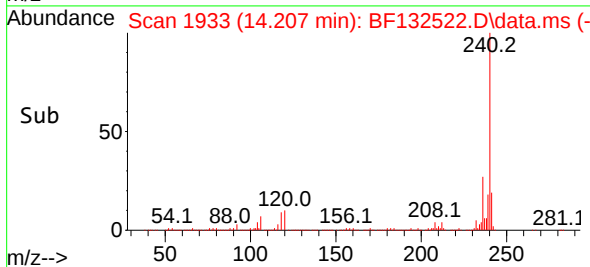
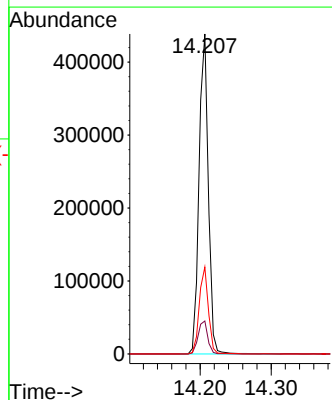
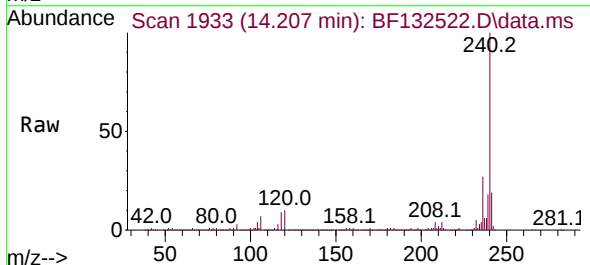
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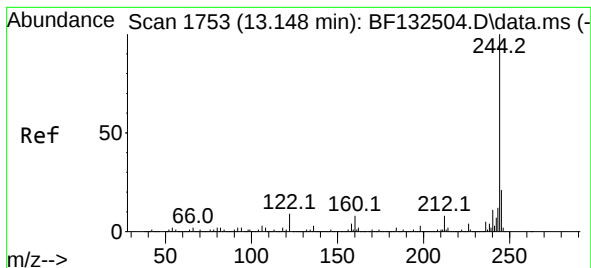
Tgt Ion:188 Resp: 712694
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 10.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

Tgt Ion:240 Resp: 397081
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 27.1 21.8 32.6





#79

Terphenyl-d14

Concen: 76.953 ng

RT: 13.142 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132522.D

Acq: 23 Feb 2023 16:04

Instrument :

BNA_F

ClientSampleId :

B-17-SB02

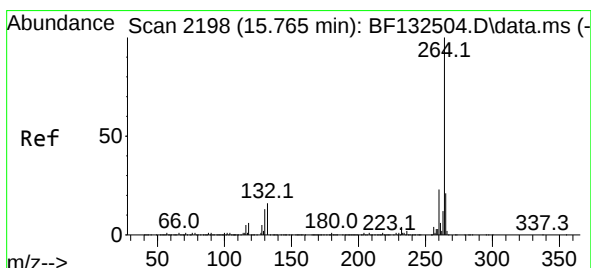
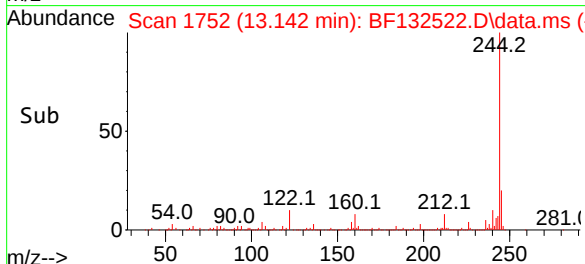
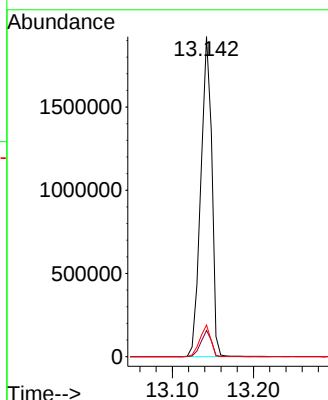
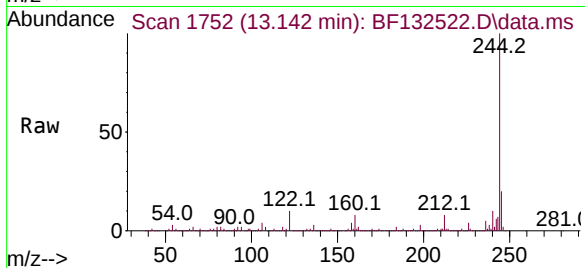
Tgt Ion:244 Resp: 1807292

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 9.9 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.760 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF132522.D

Acq: 23 Feb 2023 16:04

Tgt Ion:264 Resp: 349128

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.4 17.1 25.7

