

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112396.D
 Acq On : 5 Feb 2019 15:27
 Operator : JU/SJ
 Sample : K1350-03 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-020419-B

Quant Time: Feb 06 03:48:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

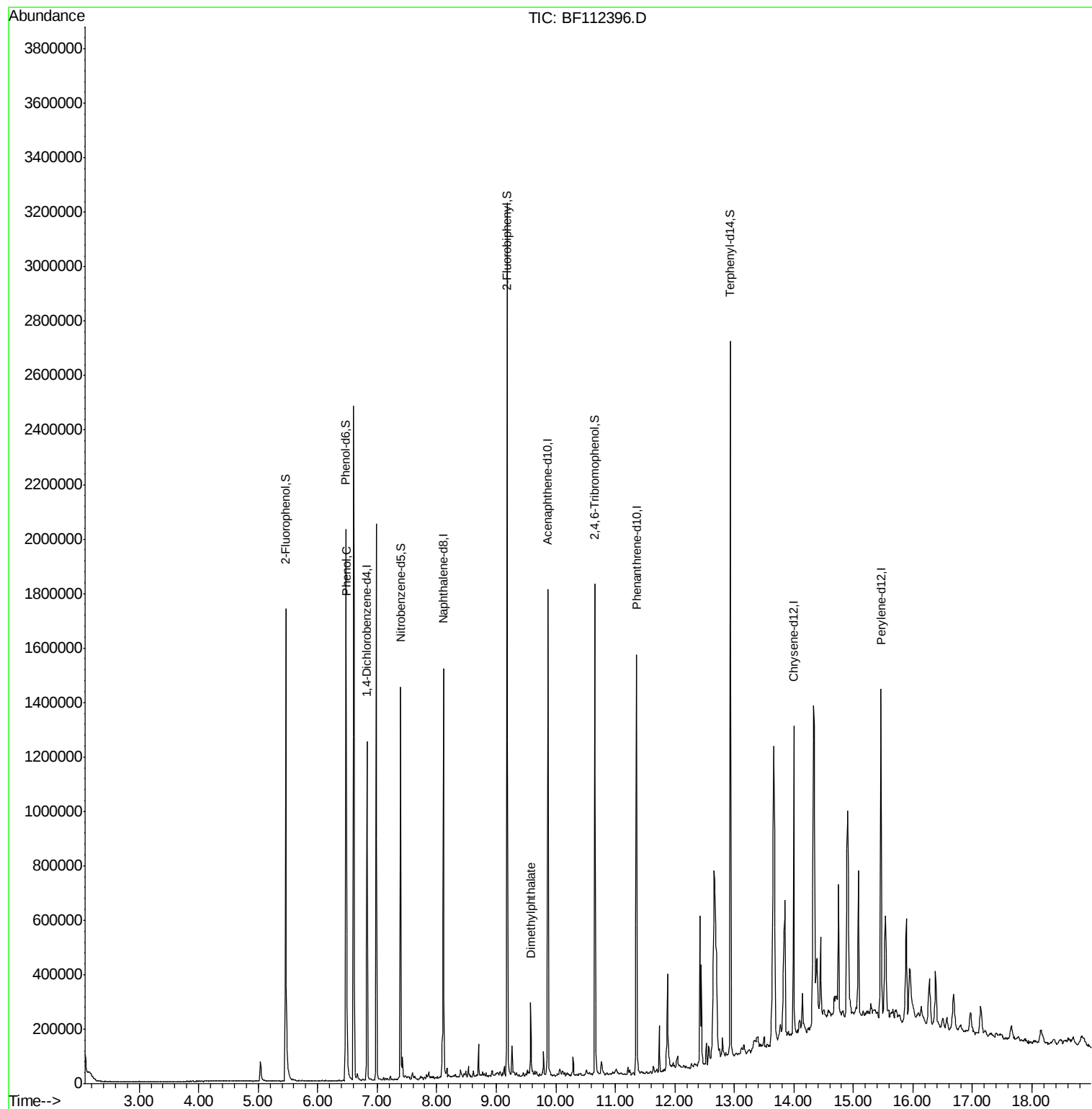
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	174965	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	689223	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	334102	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	610502	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	363352	20.00	ng	-0.01
87) Perylene-d12	15.46	264	342447	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	560819	68.08	ng	-0.02
7) Phenol-d6	6.47	99	716740	62.62	ng	-0.02
23) Nitrobenzene-d5	7.39	82	440419	36.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	217463	55.92	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	936305	39.64	ng	-0.02
79) Terphenyl-d14	12.93	244	829958	43.02	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	38618	3.075	ng	95
50) Dimethylphthalate	9.58	163	100387	3.867	ng	100

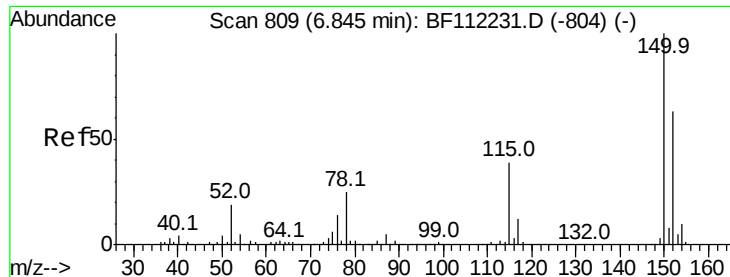
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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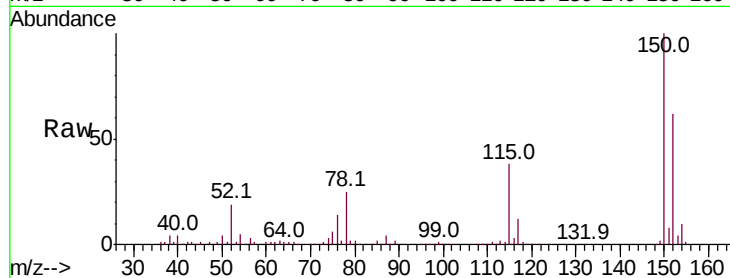


#1

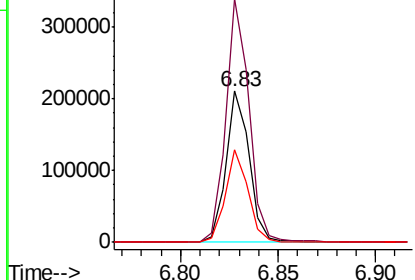
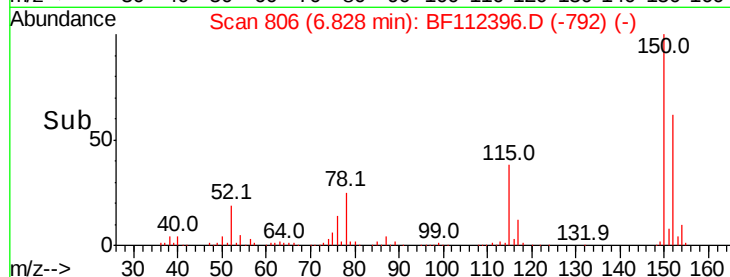
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112396.D
Acq: 5 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
EO-03-020419-B

Tot Ion:152 Resp: 174965
Ion Ratio Lower Upper
152 100
150 160.8 127.4 191.0
115 61.5 45.5 68.3



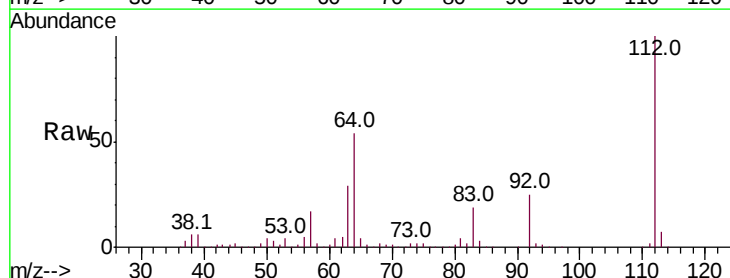
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



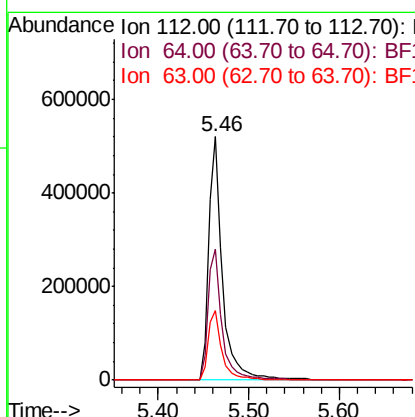
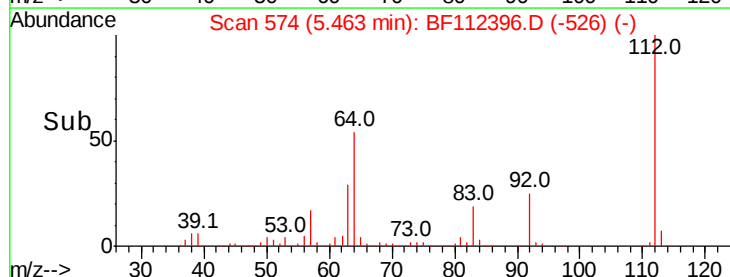
#5

2-Fluorophenol
Concen: 68.083 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112396.D
Acq: 5 Feb 2019 15:27

Tgt Ion:112 Resp: 560819
Ion Ratio Lower Upper
112 100
64 54.0 45.7 68.5
63 28.5 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 62.619 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112396.D

Acq: 5 Feb 2019 15:27

Instrument :

BNA_F

ClientSampleId :

EO-03-020419-B

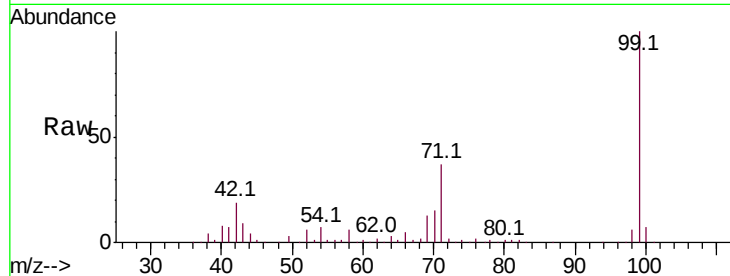
Tot Ion: 99 Resp: 716740

Ion Ratio Lower Upper

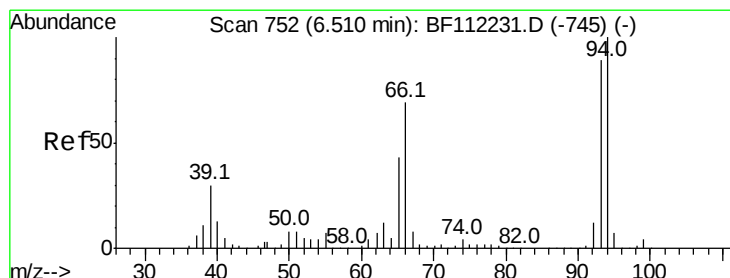
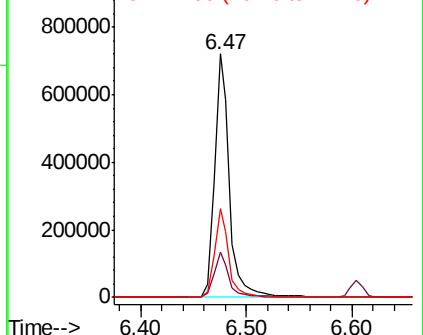
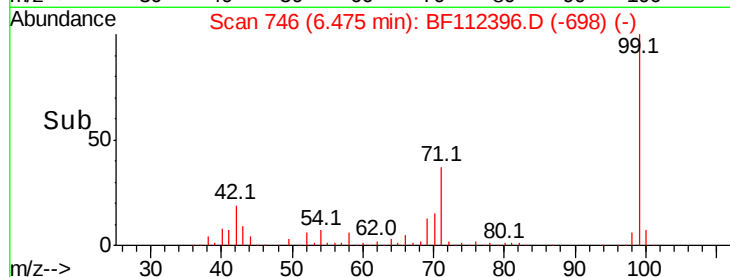
99 100

42 18.8 15.1 22.7

71 36.5 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.075 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112396.D

Acq: 5 Feb 2019 15:27

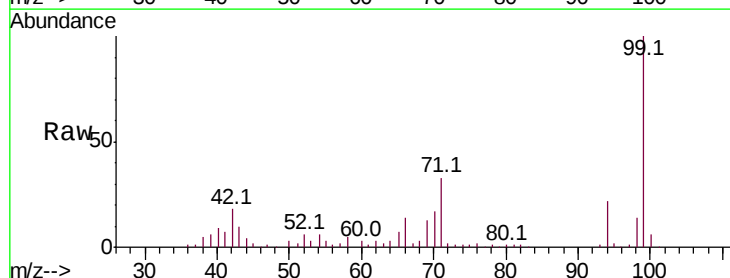
Tgt Ion: 94 Resp: 38618

Ion Ratio Lower Upper

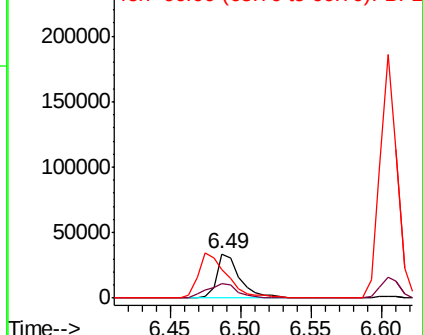
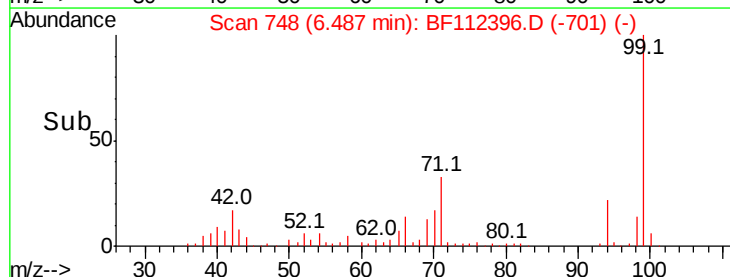
94 100

65 33.5 20.3 60.3

66 63.8 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112396.D

Acq: 5 Feb 2019 15:27

Instrument :

BNA_F

ClientSampleId :

EO-03-020419-B

Tot Ion:136 Resp: 689223

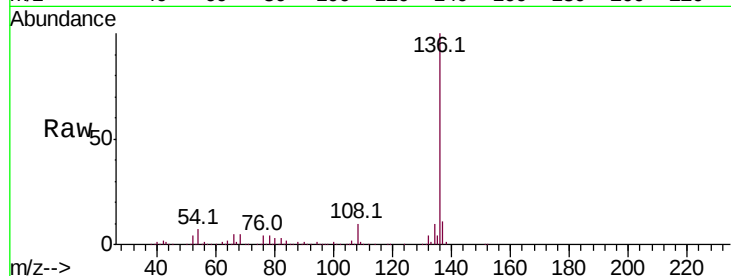
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.8 5.9 8.9

68 5.5 5.1 7.7

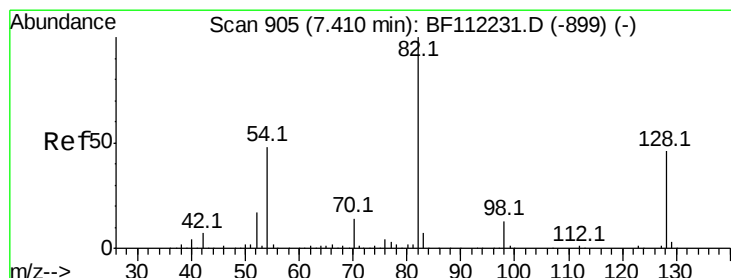
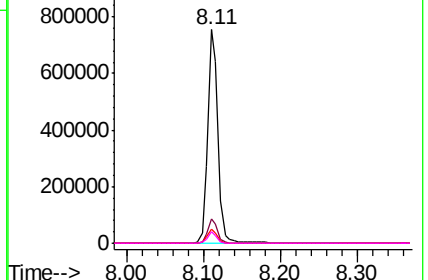
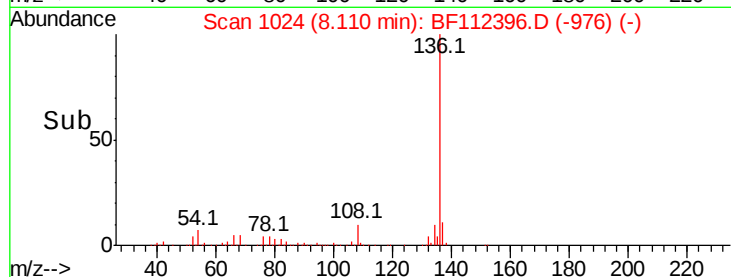


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 36.820 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112396.D

Acq: 5 Feb 2019 15:27

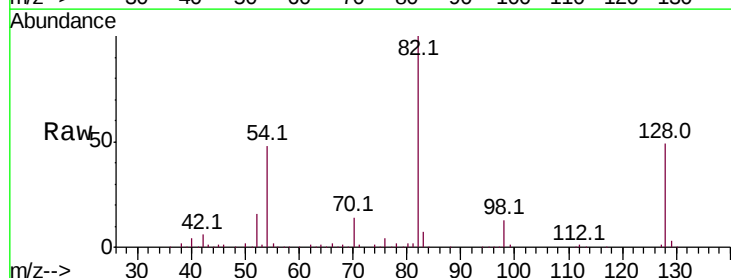
Tgt Ion: 82 Resp: 440419

Ion Ratio Lower Upper

82 100

128 48.9 37.8 56.8

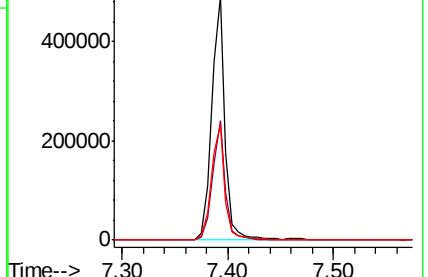
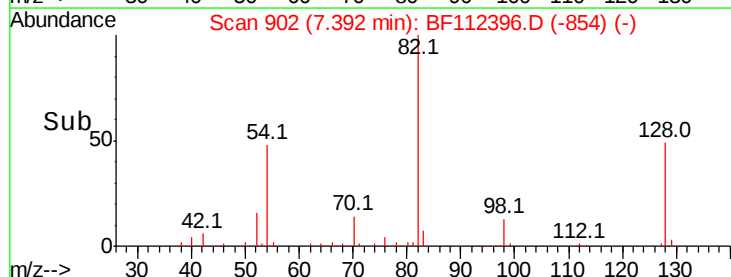
54 47.6 39.7 59.5

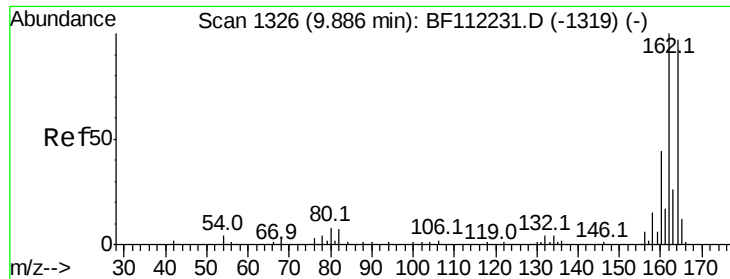


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

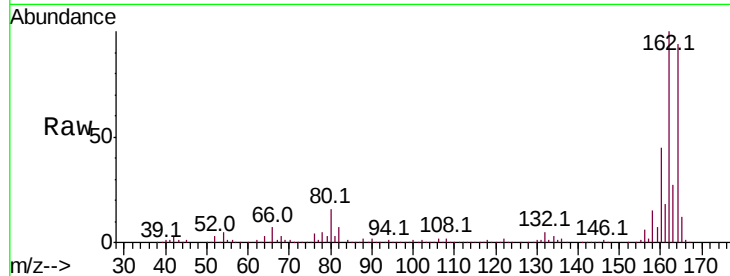




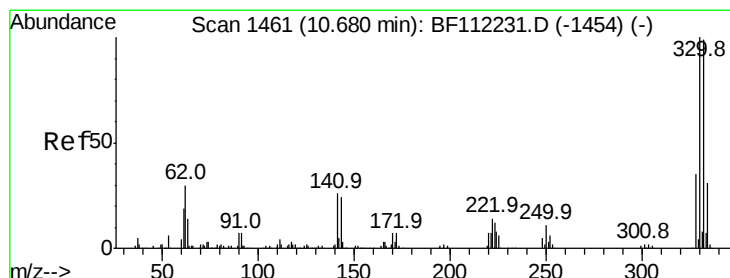
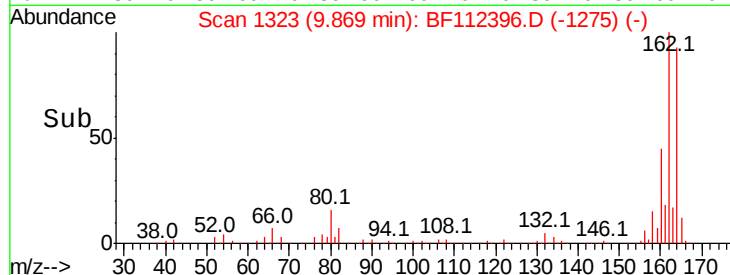
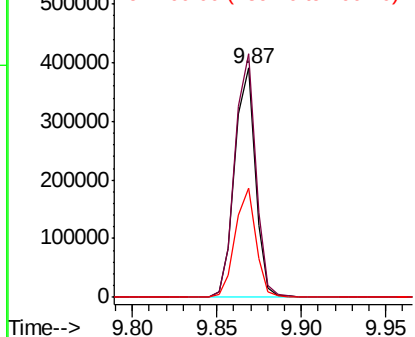
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112396.D
Acq: 5 Feb 2019 15:27

Instrument :
BNA_F
ClientSampleId :
EO-03-020419-B

Tot Ion:164 Resp: 334102
Ion Ratio Lower Upper
164 100
162 106.3 82.2 123.4
160 47.5 36.2 54.4

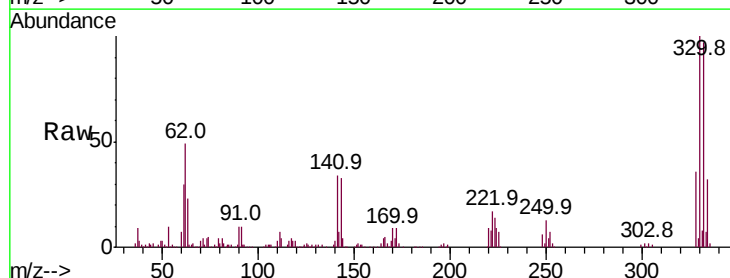


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

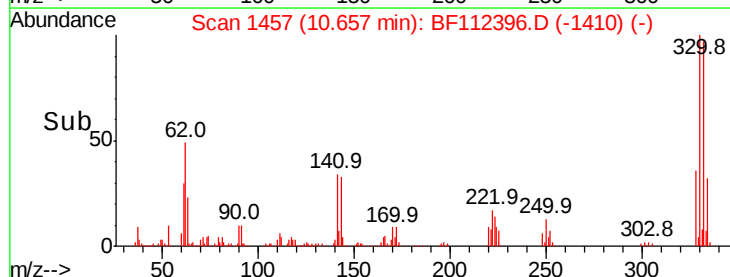
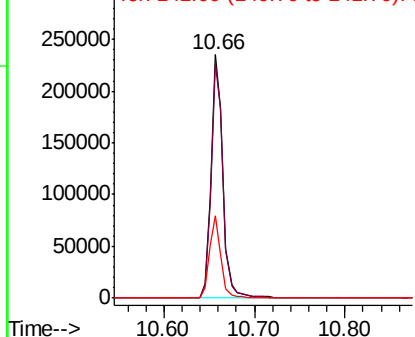


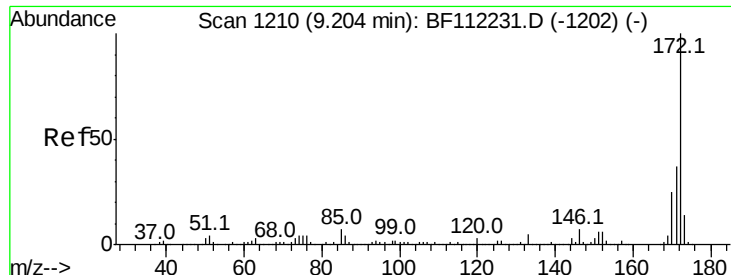
#42
2,4,6-Tribromophenol
Concen: 55.920 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112396.D
Acq: 5 Feb 2019 15:27

Tgt Ion:330 Resp: 217463
Ion Ratio Lower Upper
330 100
332 97.1 76.6 114.8
141 32.5 24.3 36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

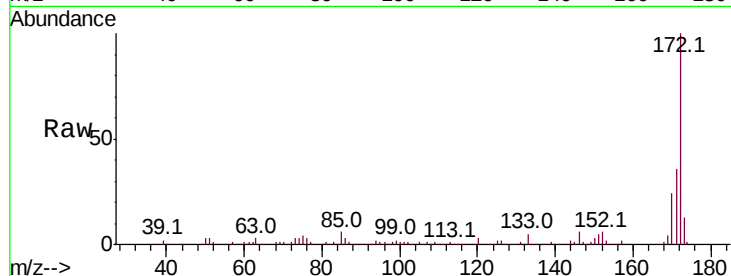




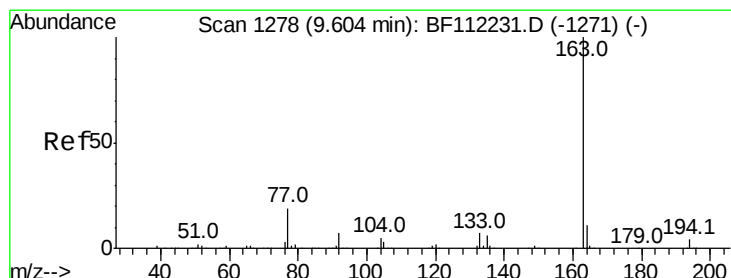
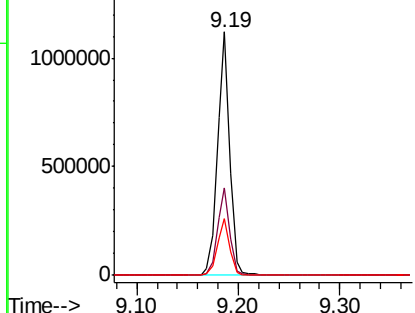
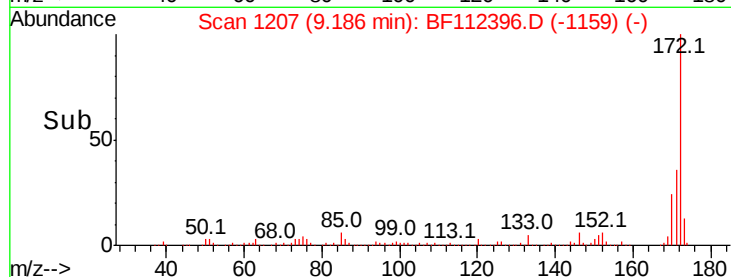
#45
 2-Fluorobiphenyl
 Concen: 39.636 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112396.D
 Acq: 5 Feb 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-020419-B

Tot Ion:172 Resp: 936305
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.5 45.7
 170 23.5 20.2 30.4

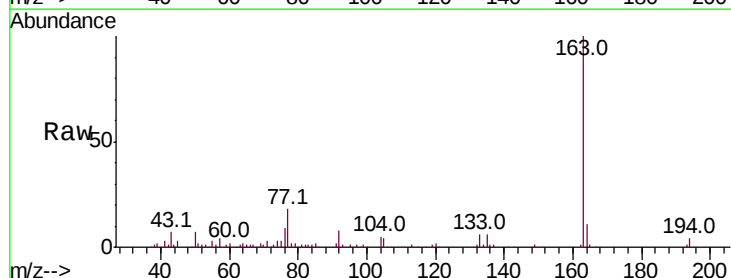


Abundance Ion 172.00 (171.70 to 172.70): E
 1500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

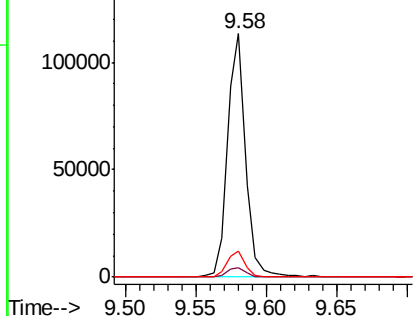
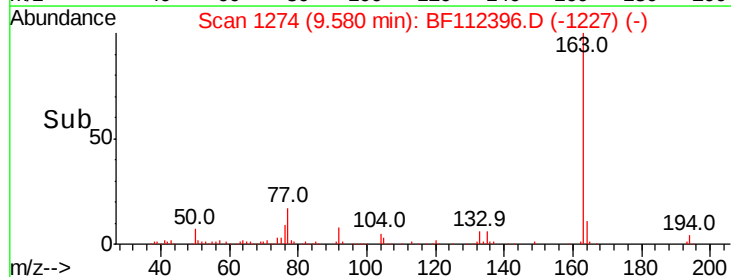


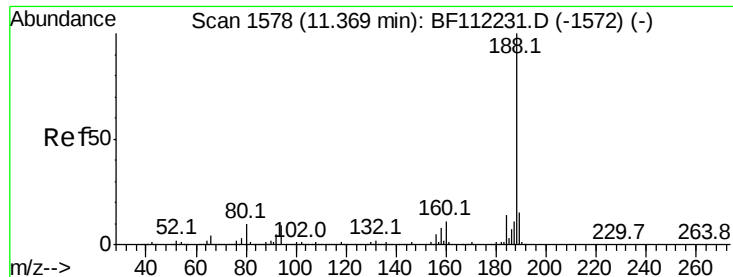
#50
 Dimethylphthalate
 Concen: 3.867 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BF112396.D
 Acq: 5 Feb 2019 15:27

Tgt Ion:163 Resp: 100387
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.3 4.9
 164 10.7 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
 150000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112396.D

Acq: 5 Feb 2019 15:27

Instrument :

BNA_F

ClientSampleId :

EO-03-020419-B

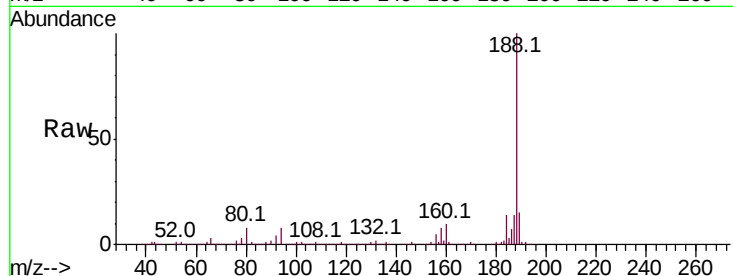
Tot Ion:188 Resp: 610502

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

80 8.4 8.9 13.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

800000

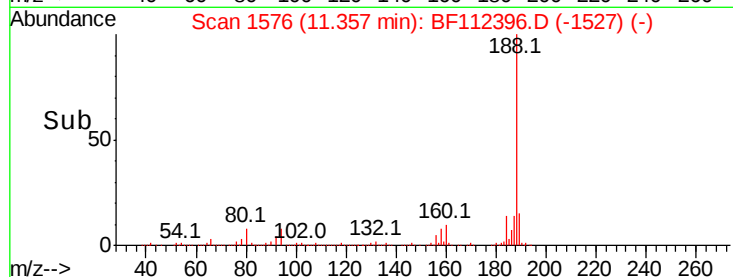
600000

400000

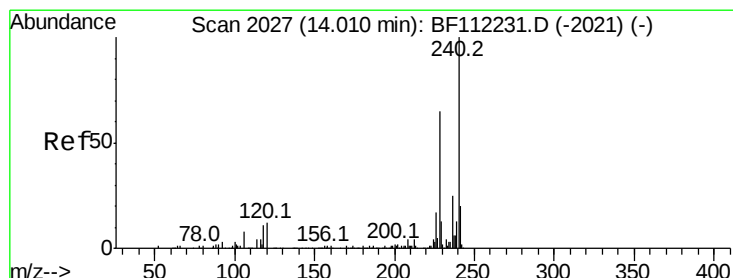
200000

0

11.30 11.35 11.40



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112396.D

Acq: 5 Feb 2019 15:27

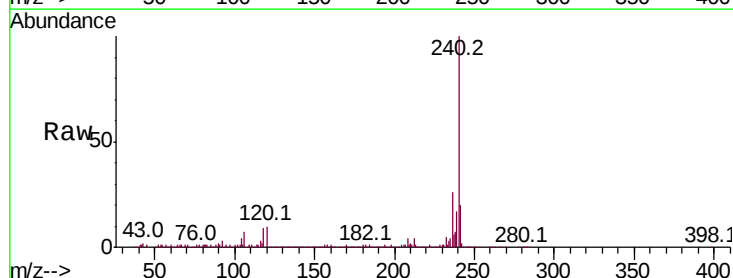
Tgt Ion:240 Resp: 363352

Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.6

236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

500000

400000

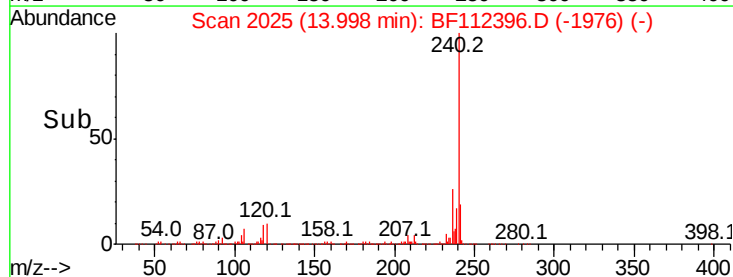
300000

200000

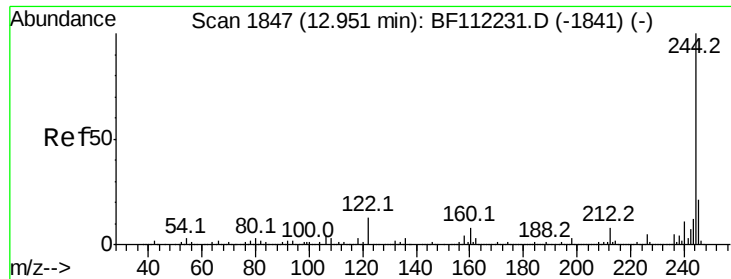
100000

0

14.00 14.10



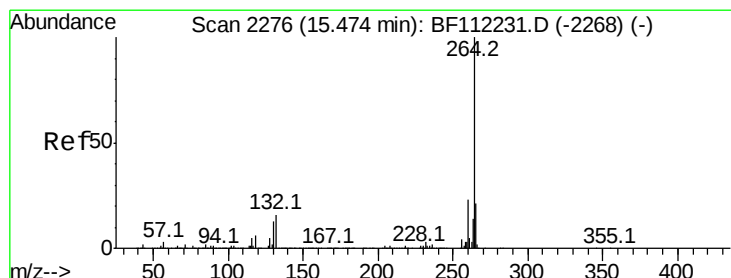
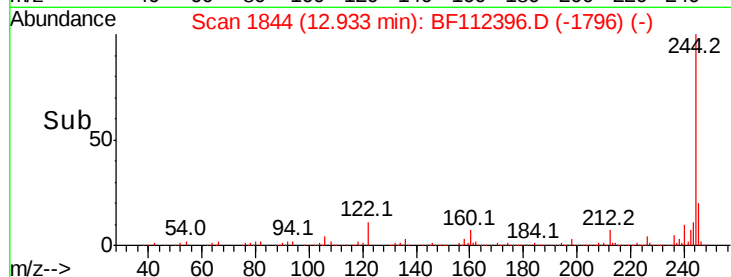
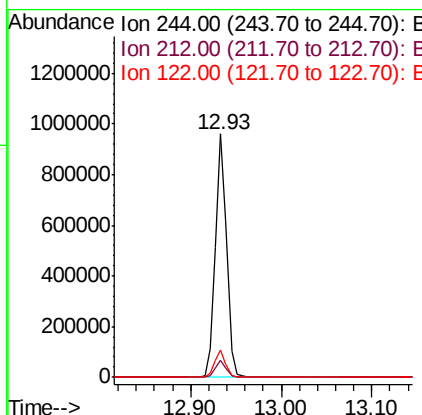
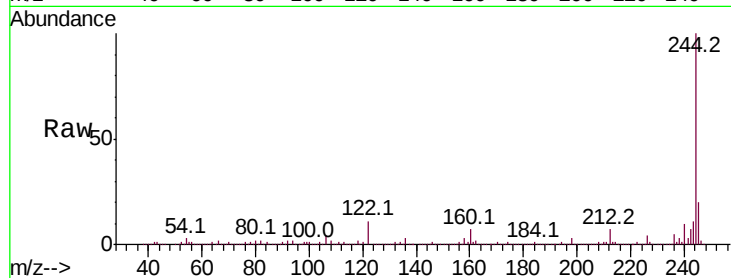
Time-->



#79
 Terphenyl-d14
 Concen: 43.021 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112396.D
 Acq: 5 Feb 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-020419-B

Tot Ion:244 Resp: 829958
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.4 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF112396.D
 Acq: 5 Feb 2019 15:27

Tgt Ion:264 Resp: 342447
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.2
 265 20.8 17.0 25.4

