

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
 Data File : BF112498.D
 Acq On : 11 Feb 2019 23:08
 Operator : JU/SJ
 Sample : K1442-05 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-11

Quant Time: Feb 12 01:37:03 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	124721	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	496074	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	220416	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	373127	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	289761	20.00	ng	0.00
87) Perylene-d12	15.47	264	252708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	62112	10.58	ng	0.00
7) Phenol-d6	6.49	99	86339	10.58	ng	0.00
23) Nitrobenzene-d5	7.40	82	52415	6.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	14943	5.82	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	108479	6.96	ng	-0.02
79) Terphenyl-d14	12.93	244	83558	5.43	ng	-0.02

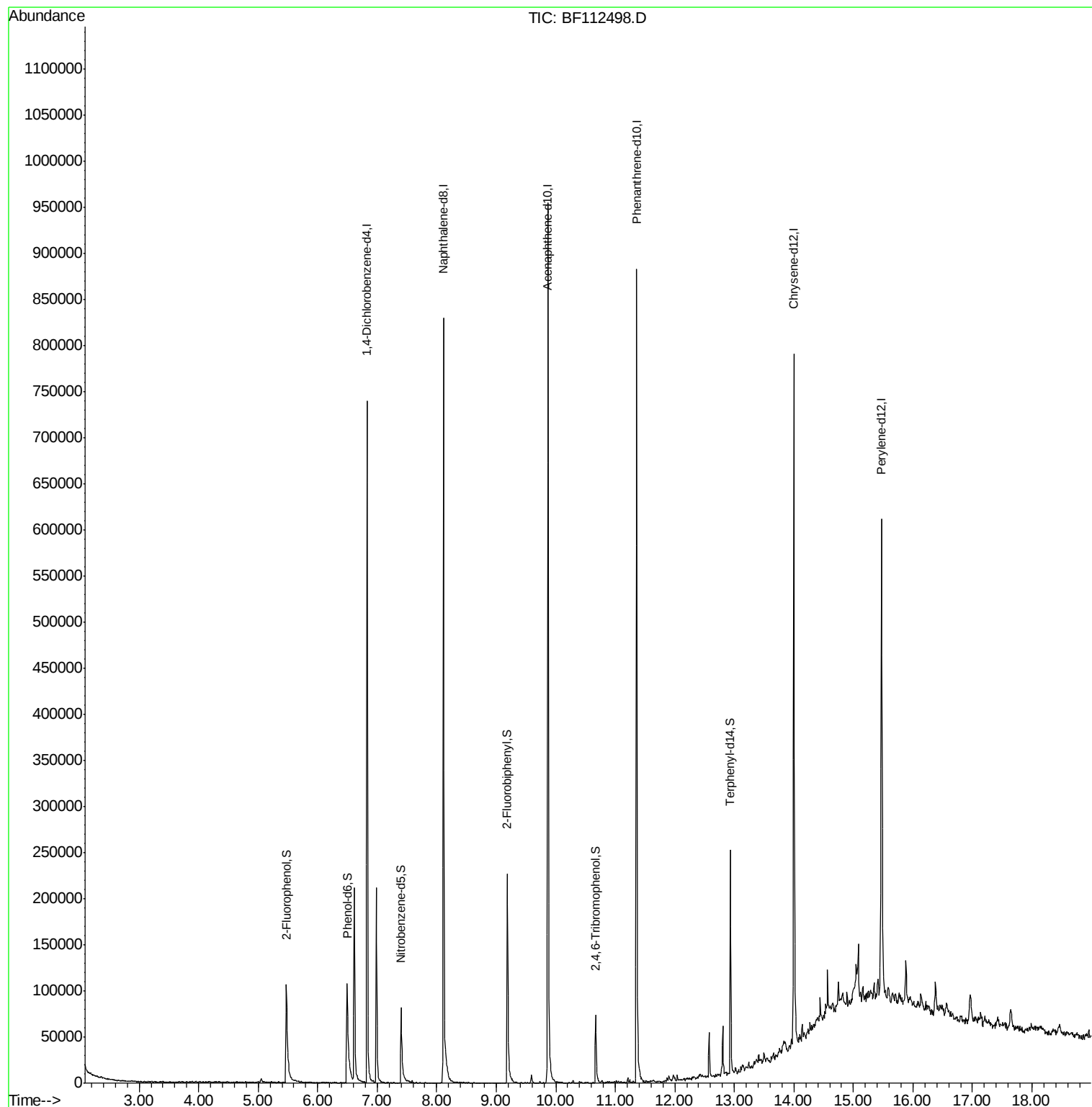
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF112498.D

Acq: 11 Feb 2019 23:08

Instrument :

BNA_F

ClientSampled :

COMP-11

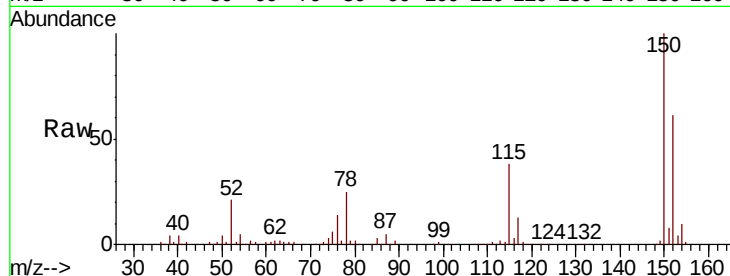
Tot Ion:152 Resp: 124721

Ion Ratio Lower Upper

152 100

150 163.4 127.4 191.0

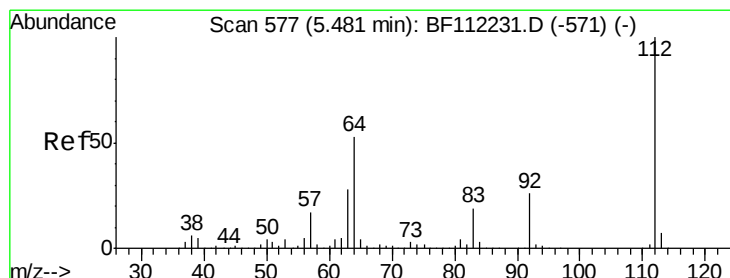
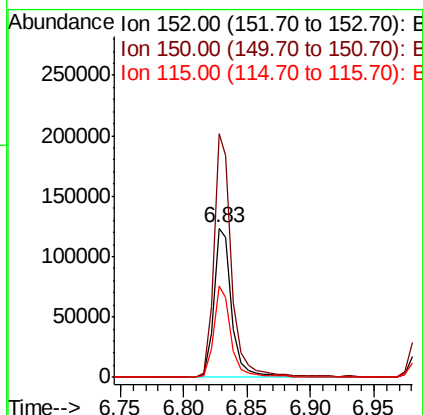
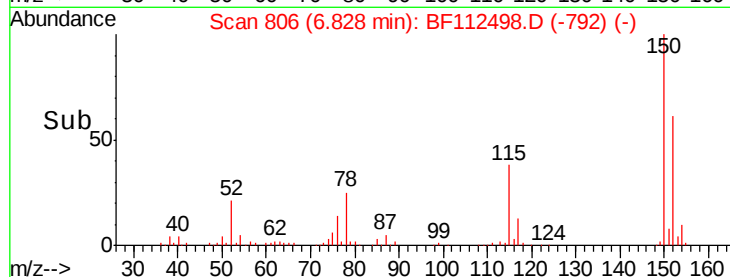
115 61.3 45.5 68.3



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: 10.578 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112498.D

Acq: 11 Feb 2019 23:08

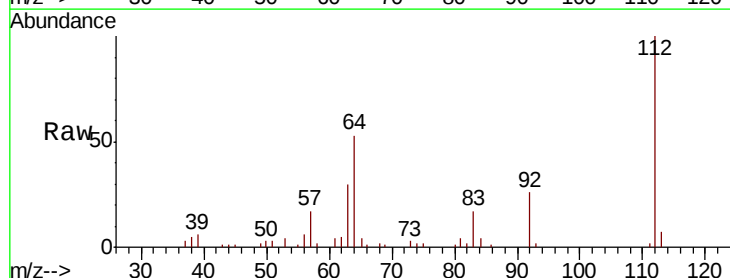
Tgt Ion:112 Resp: 62112

Ion Ratio Lower Upper

112 100

64 53.0 45.7 68.5

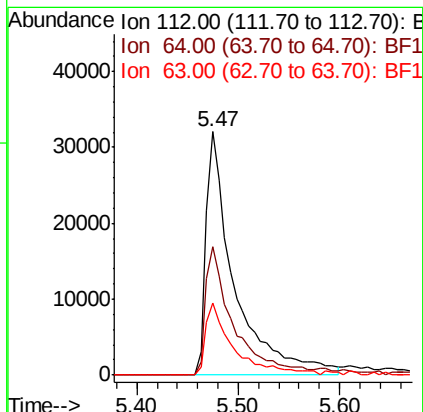
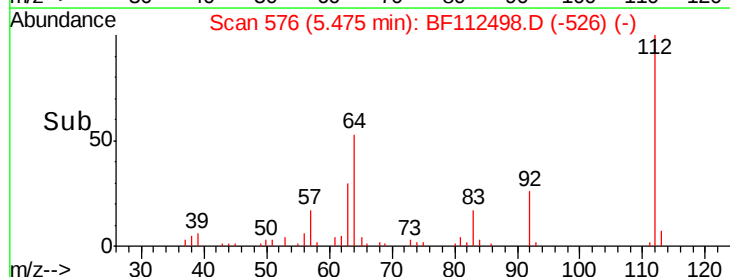
63 29.8 23.6 35.4



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: 10.582 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112498.D

Acq: 11 Feb 2019 23:08

Instrument :

BNA_F

ClientSampleId :

COMP-11

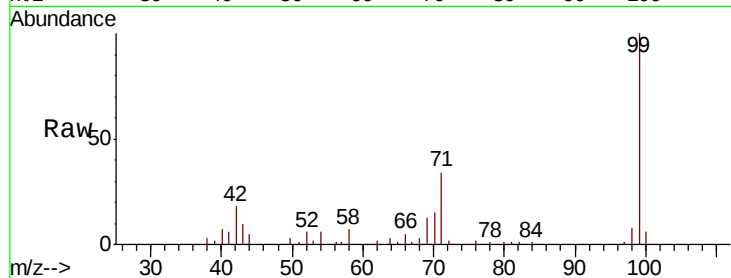
Tot Ion: 99 Resp: 86339

Ion Ratio Lower Upper

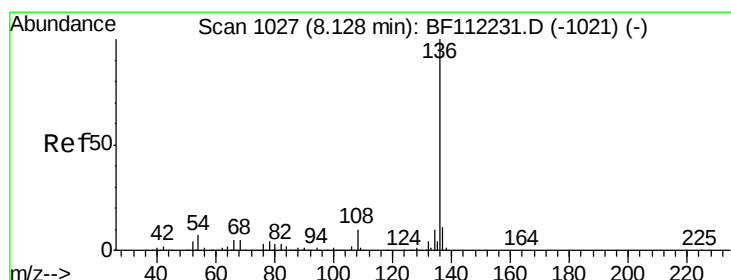
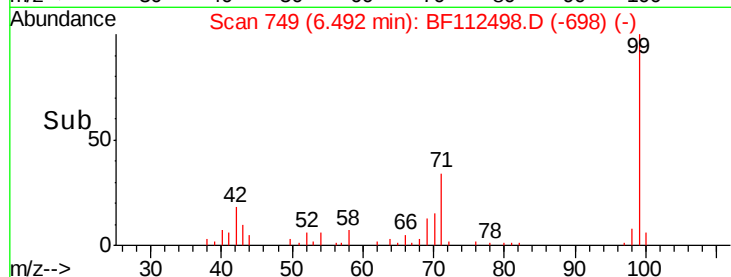
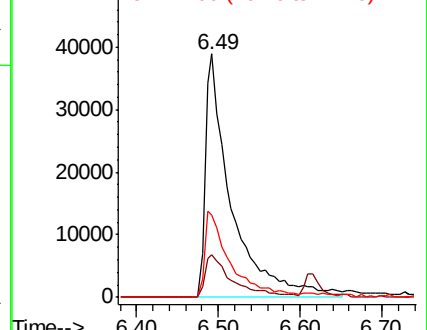
99 100

42 17.7 15.1 22.7

71 33.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112498.D

Acq: 11 Feb 2019 23:08

Tgt Ion: 136 Resp: 496074

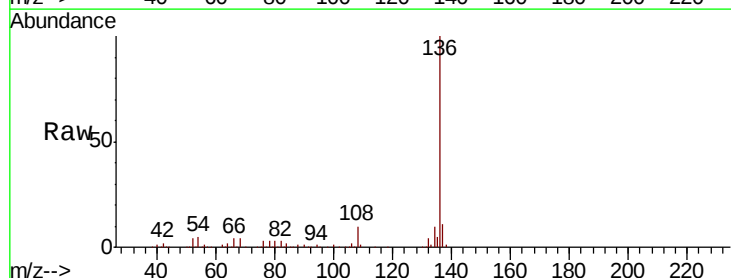
Ion Ratio Lower Upper

136 100

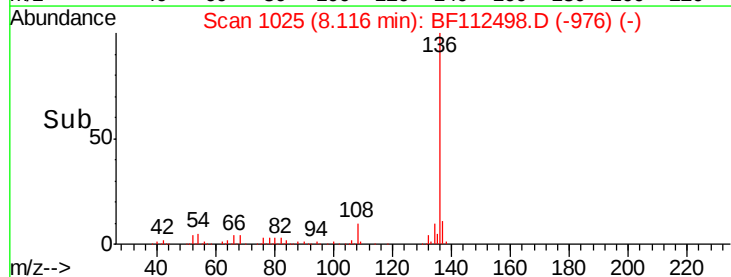
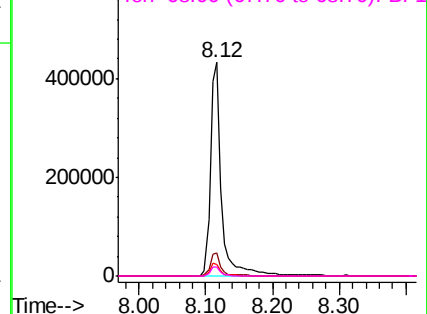
137 10.6 9.1 13.7

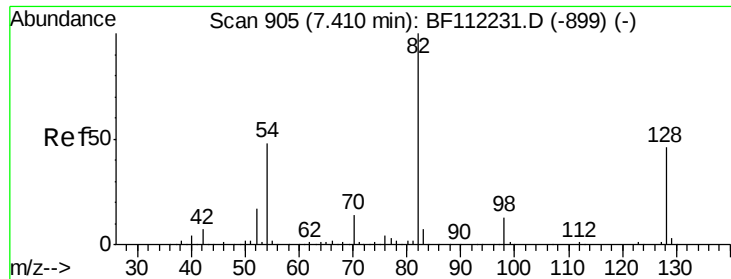
54 5.5 5.9 8.9#

68 4.2 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

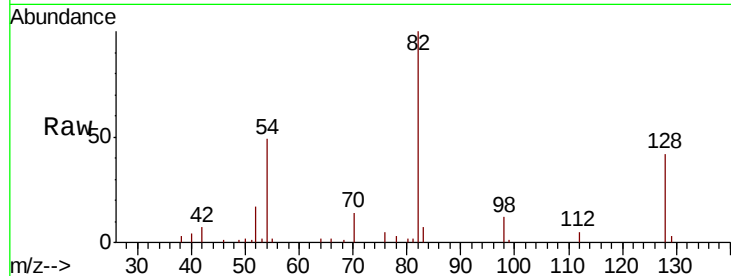




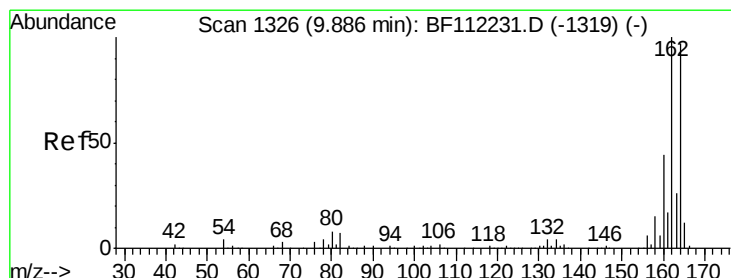
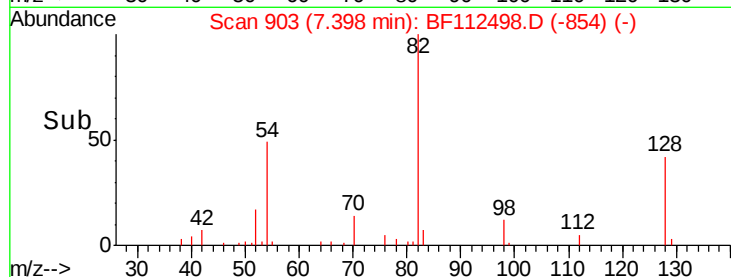
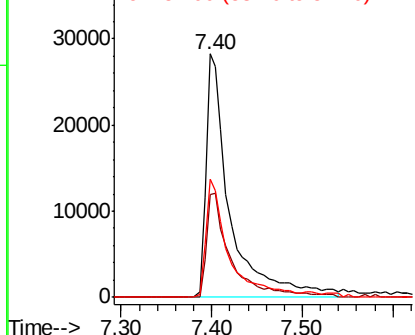
#23
Nitrobenzene-d5
Concen: 6.088 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112498.D
Acq: 11 Feb 2019 23:08

Instrument :
BNA_F
ClientSampleId :
COMP-11

Tot Ion: 82 Resp: 52415
Ion Ratio Lower Upper
82 100
128 42.3 37.8 56.8
54 48.8 39.7 59.5

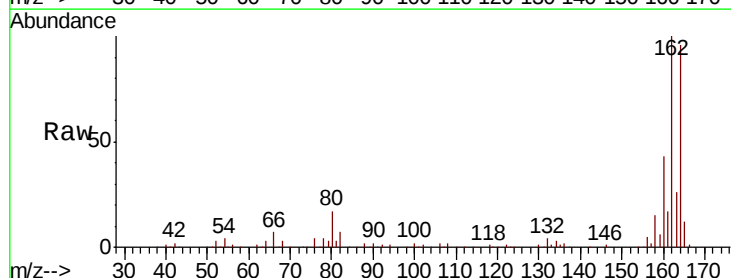


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

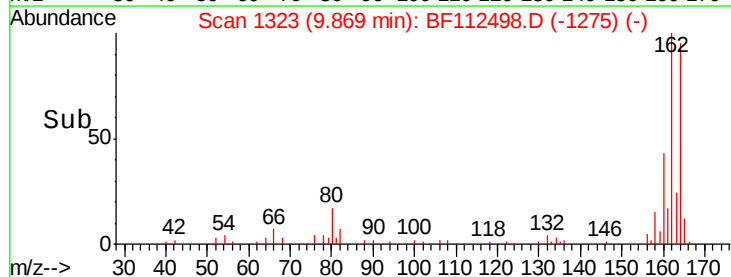
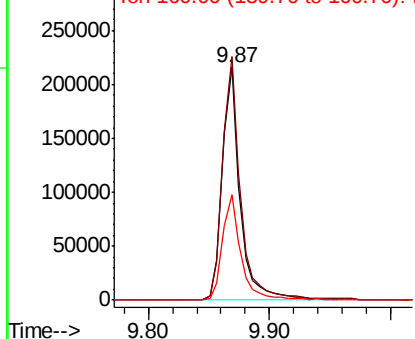


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112498.D
Acq: 11 Feb 2019 23:08

Tgt Ion: 164 Resp: 220416
Ion Ratio Lower Upper
164 100
162 104.6 82.2 123.4
160 45.0 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: 5.824 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112498.D

Acq: 11 Feb 2019 23:08

Instrument :

BNA_F

ClientSampleId :

COMP-11

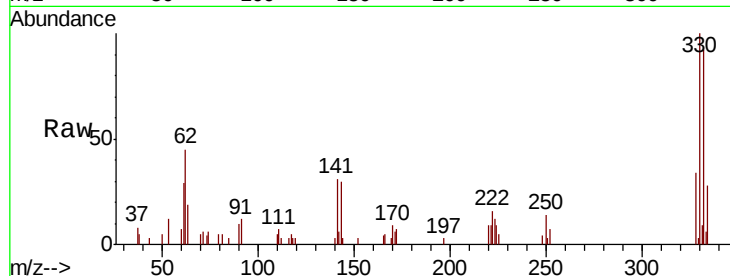
Tot Ion:330 Resp: 14943

Ion Ratio Lower Upper

330 100

332 93.6 76.6 114.8

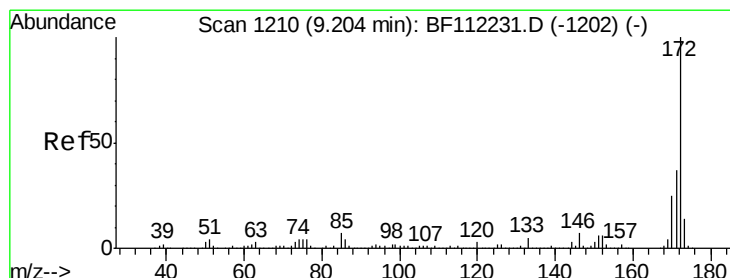
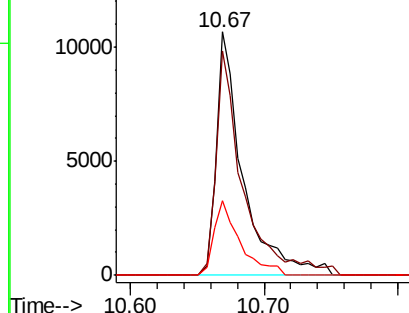
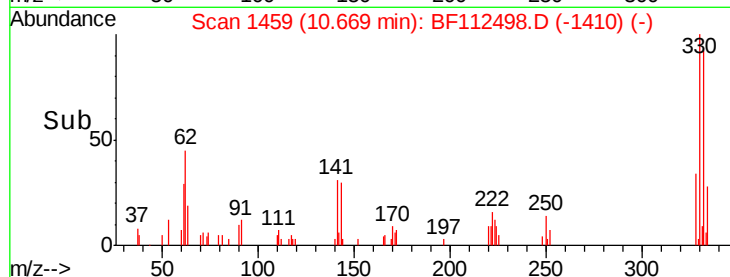
141 29.9 24.3 36.5



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: 6.961 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112498.D

Acq: 11 Feb 2019 23:08

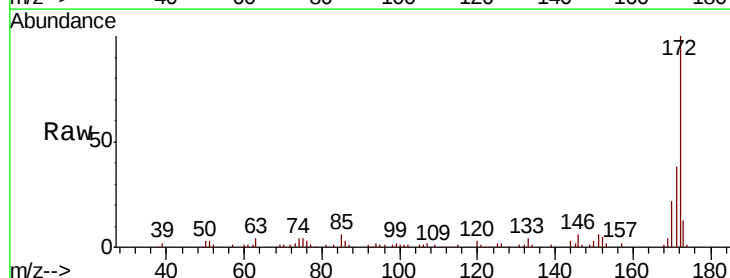
Tgt Ion:172 Resp: 108479

Ion Ratio Lower Upper

172 100

171 37.9 30.5 45.7

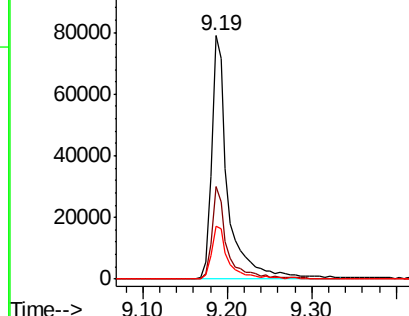
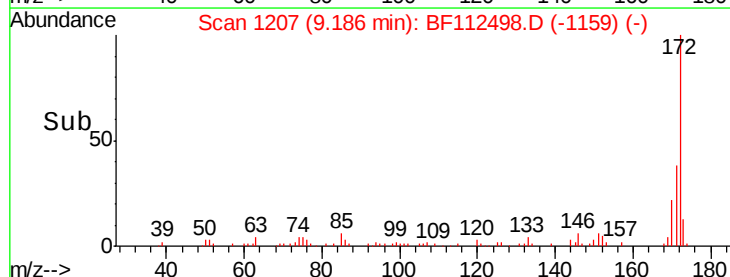
170 21.9 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112498.D

Acq: 11 Feb 2019 23:08

Instrument :

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ClientSampleId :

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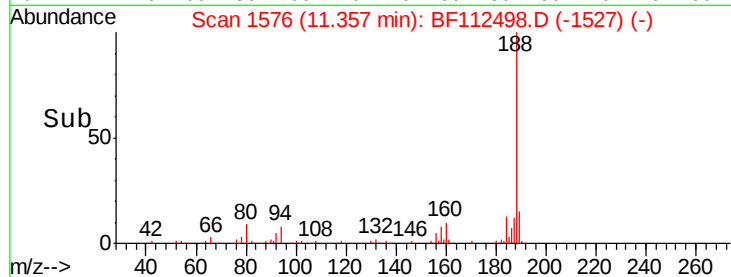
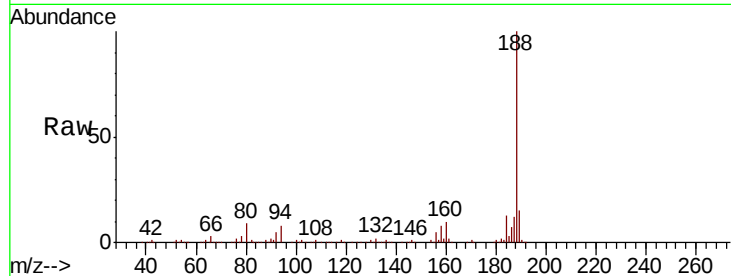
Tot Ion:188 Resp: 373127

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

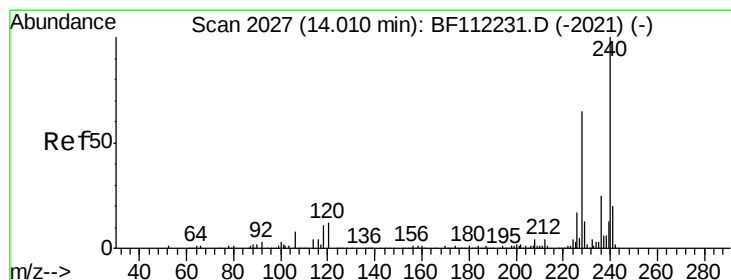
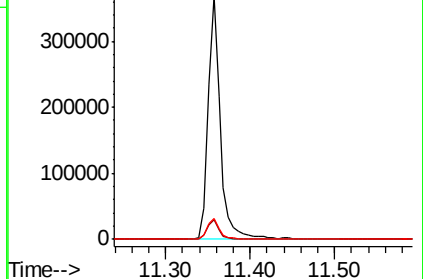
80 8.7 8.9 13.3#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112498.D

Acq: 11 Feb 2019 23:08

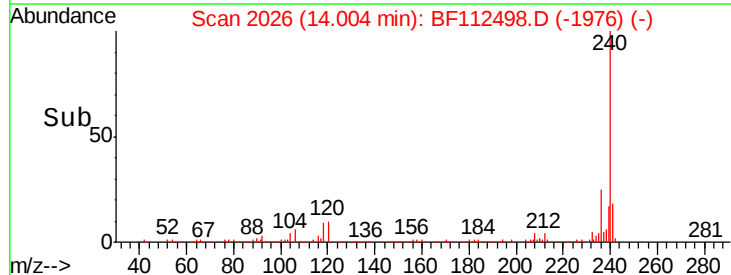
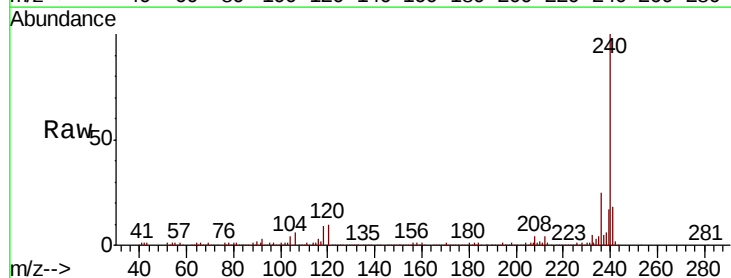
Tgt Ion:240 Resp: 289761

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.6

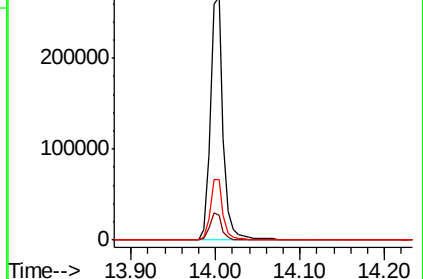
236 25.1 20.7 31.1



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

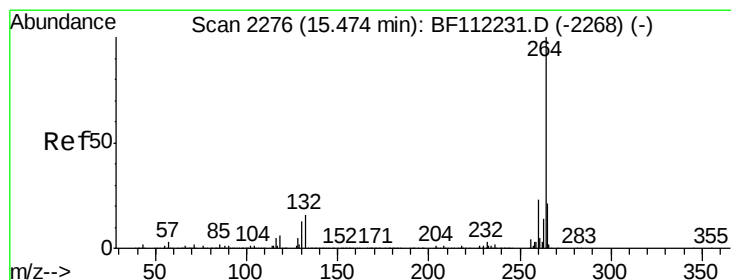
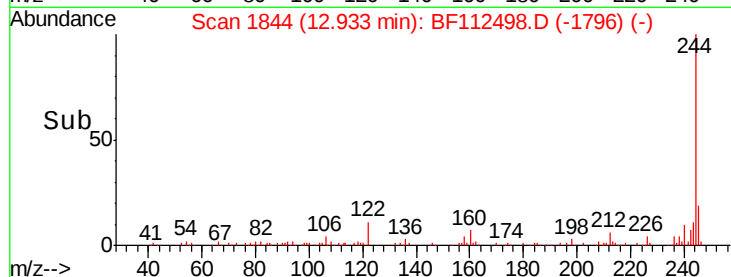
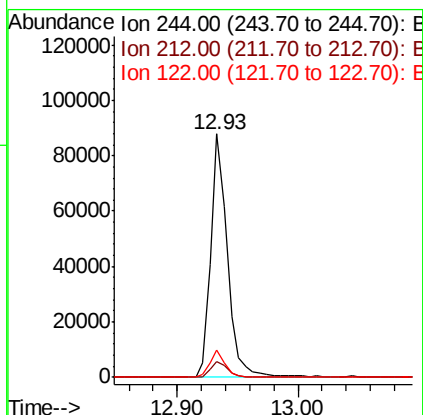
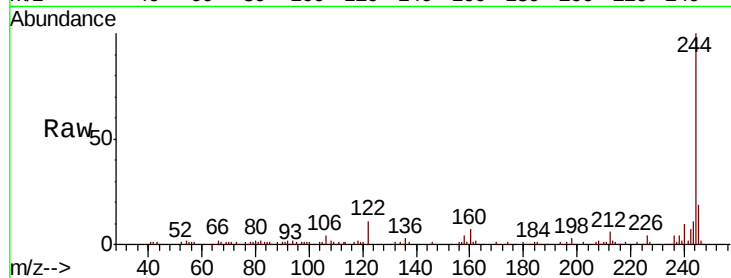




#79
 Terphenyl-d14
 Concen: 5.431 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112498.D
 Acq: 11 Feb 2019 23:08

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Tot Ion:244 Resp: 83558
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 11.0 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BF112498.D
 Acq: 11 Feb 2019 23:08

Tgt Ion:264 Resp: 252708
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.2
 265 21.8 17.0 25.4

