

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112407.D
 Acq On : 5 Feb 2019 20:27
 Operator : JU/SJ
 Sample : K1346-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-020419-A

Quant Time: Feb 05 23:01:04 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	170161	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	614952	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	266561	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	432689	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	317072	20.00	ng	-0.01
87) Perylene-d12	15.47	264	243368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1078940	134.68	ng	0.00
7) Phenol-d6	6.49	99	1190051	106.91	ng	0.00
23) Nitrobenzene-d5	7.40	82	904827	84.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	371278	119.66	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1753568	93.04	ng	-0.01
79) Terphenyl-d14	12.94	244	1470533	87.35	ng	-0.01

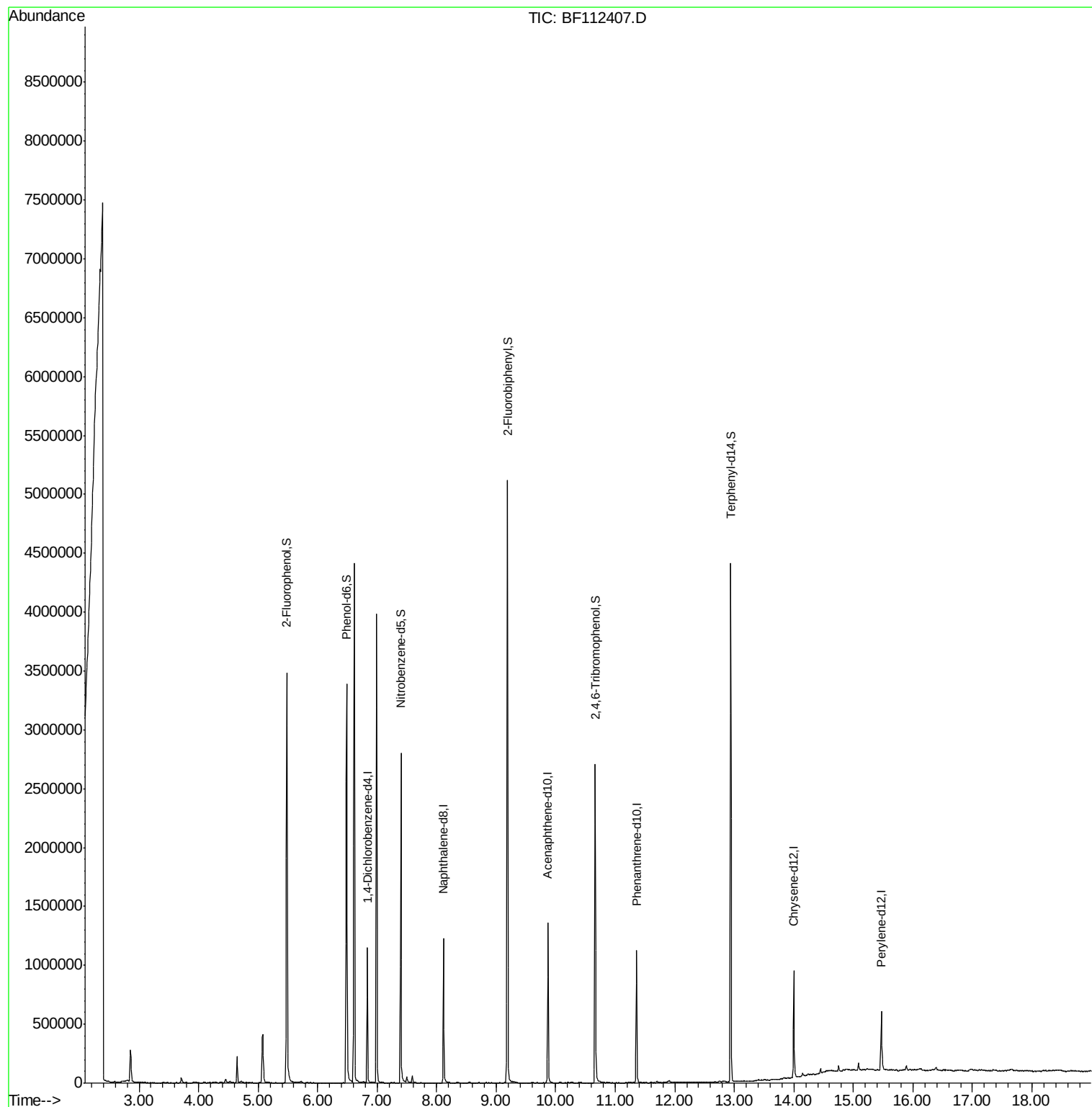
Target Compounds Qvalue

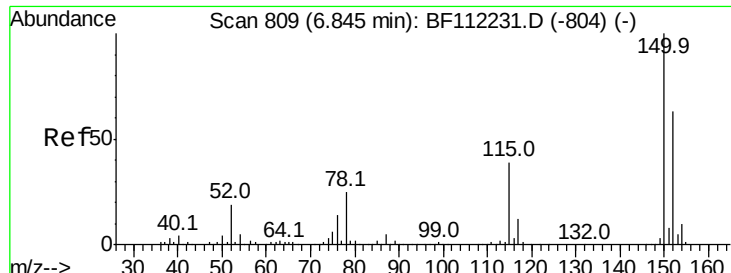
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112407.D
Acq On : 5 Feb 2019 20:27
Operator : JU/SJ
Sample : K1346-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-020419-A

Quant Time: Feb 05 23:01:04 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



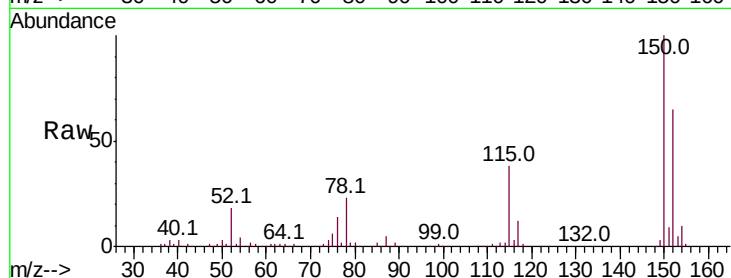


#1

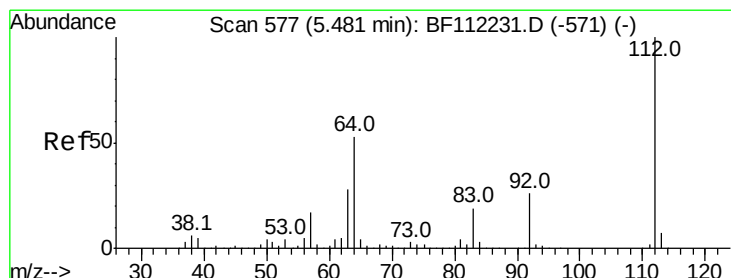
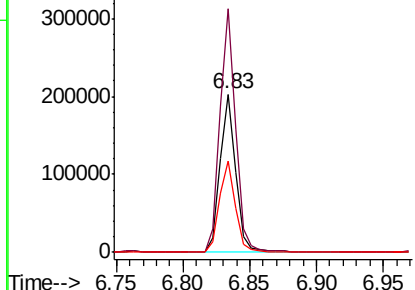
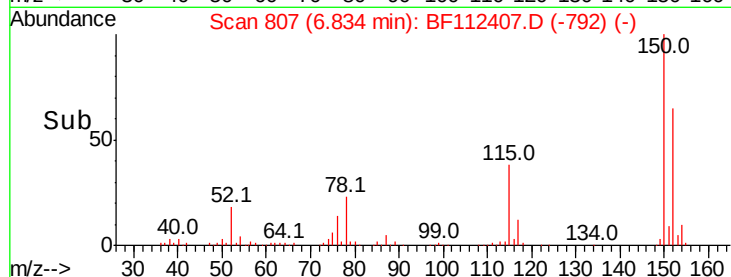
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112407.D
 Acq: 5 Feb 2019 20:27

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-020419-A

Tot Ion:152 Resp: 170161
 Ion Ratio Lower Upper
 152 100
 150 153.9 127.4 191.0
 115 58.0 45.5 68.3



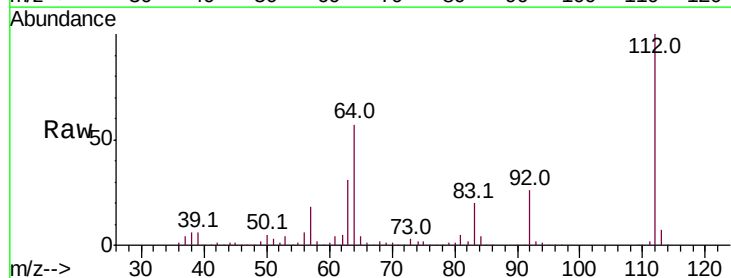
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



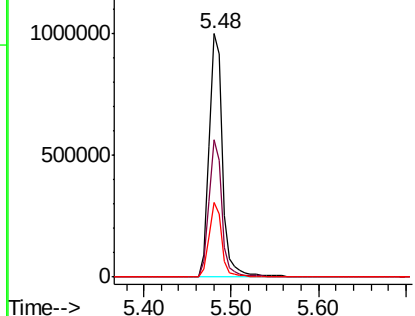
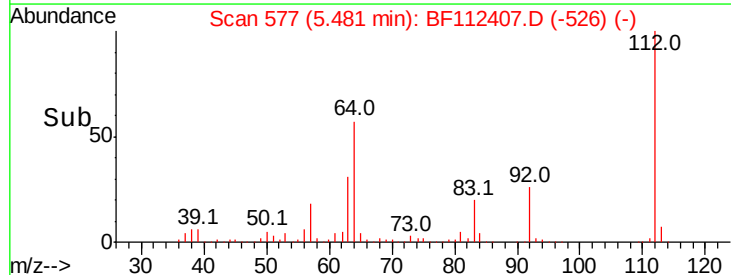
#5

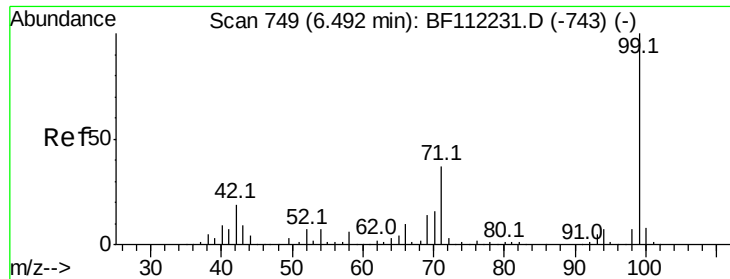
2-Fluorophenol
 Concen: 134.681 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF112407.D
 Acq: 5 Feb 2019 20:27

Tgt Ion:112 Resp: 1078940
 Ion Ratio Lower Upper
 112 100
 64 56.5 45.7 68.5
 63 30.7 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: 106.905 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112407.D

Acq: 5 Feb 2019 20:27

Instrument :

BNA_F

ClientSampleId :

CL-02-020419-A

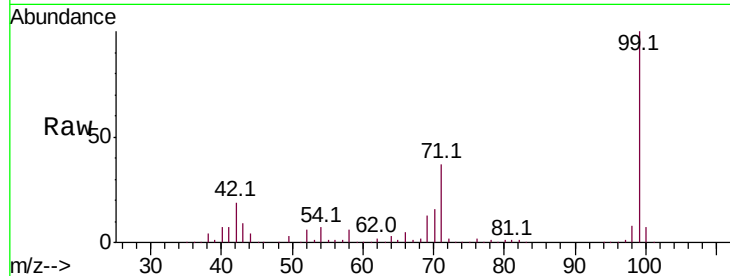
Tot Ion: 99 Resp: 1190051

Ion Ratio Lower Upper

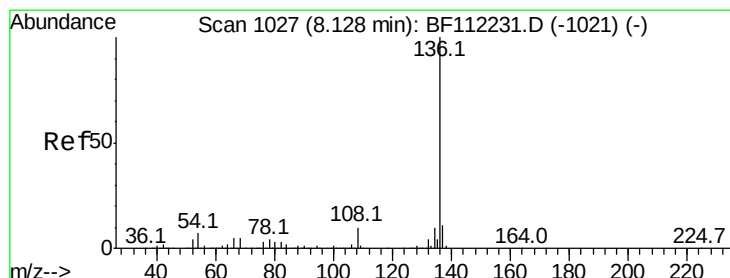
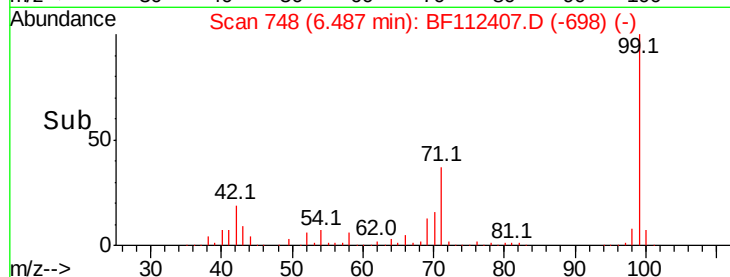
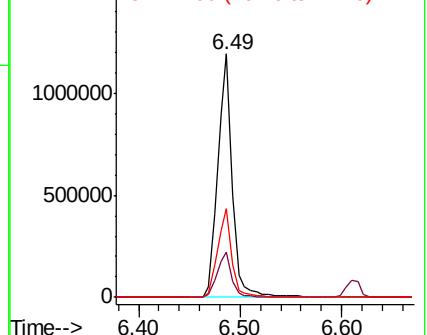
99 100

42 18.6 15.1 22.7

71 36.7 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: BF112407.D

Acq: 5 Feb 2019 20:27

Tgt Ion: 136 Resp: 614952

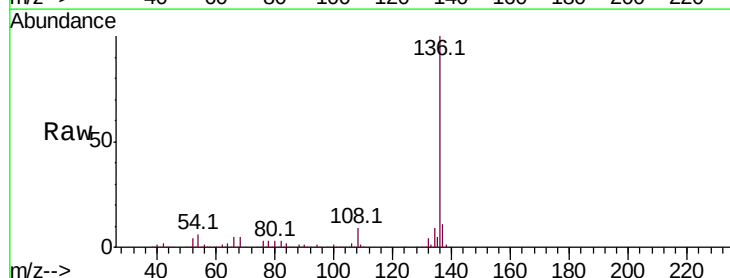
Ion Ratio Lower Upper

136 100

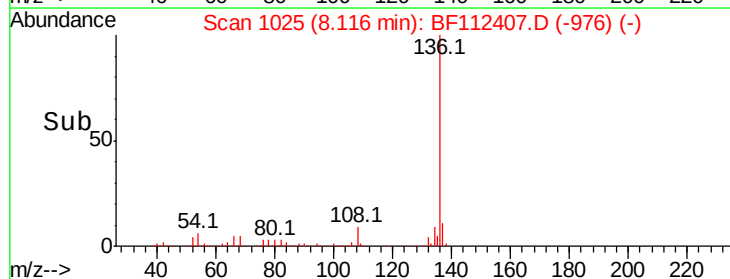
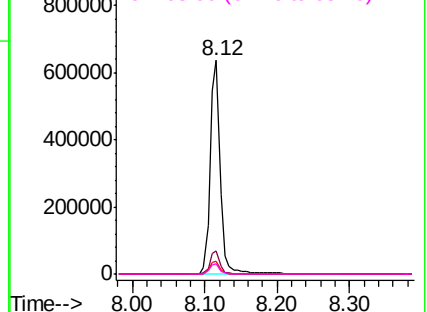
137 10.6 9.1 13.7

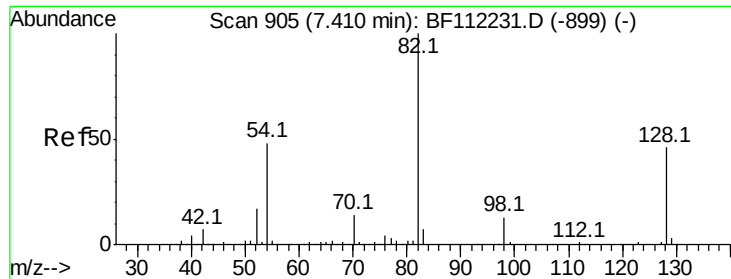
54 5.8 5.9 8.9#

68 4.9 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

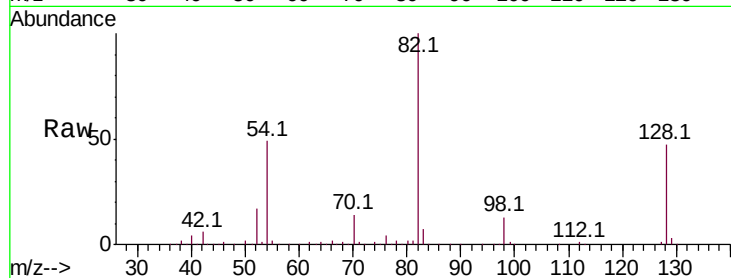




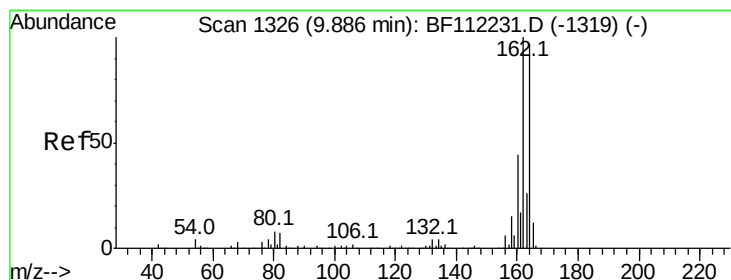
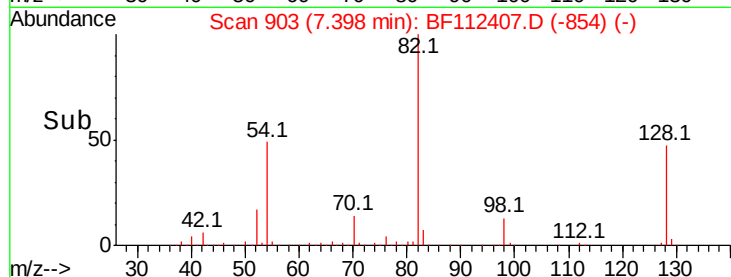
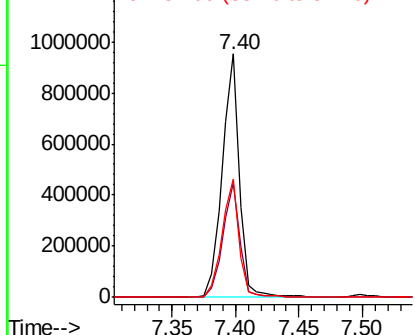
#23
Nitrobenzene-d5
Concen: 84.781 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112407.D
Acq: 5 Feb 2019 20:27

Instrument :
BNA_F
ClientSampleId :
CL-02-020419-A

Tot Ion: 82 Resp: 904827
Ion Ratio Lower Upper
82 100
128 46.9 37.8 56.8
54 48.6 39.7 59.5

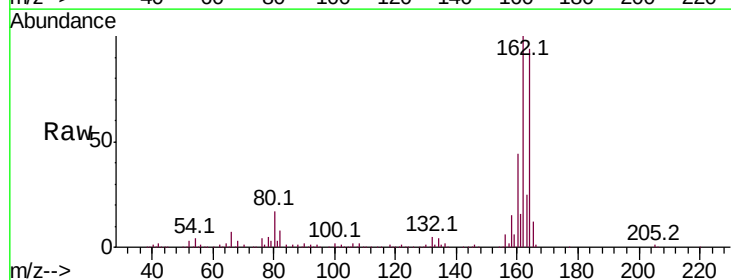


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

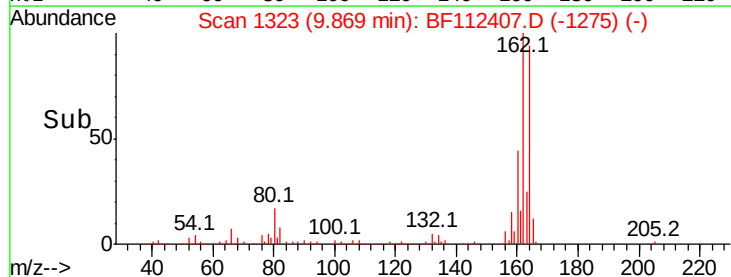
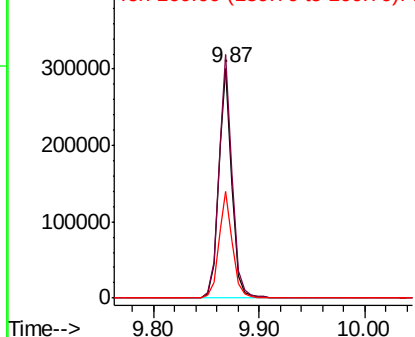


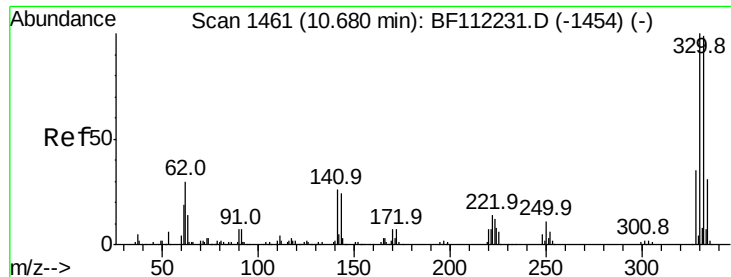
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112407.D
Acq: 5 Feb 2019 20:27

Tgt Ion:164 Resp: 266561
Ion Ratio Lower Upper
164 100
162 106.1 82.2 123.4
160 46.5 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: 119.663 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112407.D

Acq: 5 Feb 2019 20:27

Instrument :

BNA_F

ClientSampleId :

CL-02-020419-A

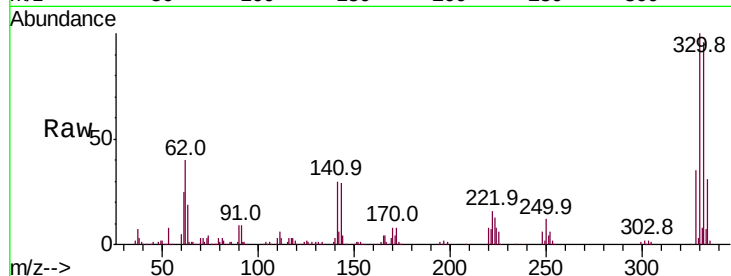
Tot Ion:330 Resp: 371278

Ion Ratio Lower Upper

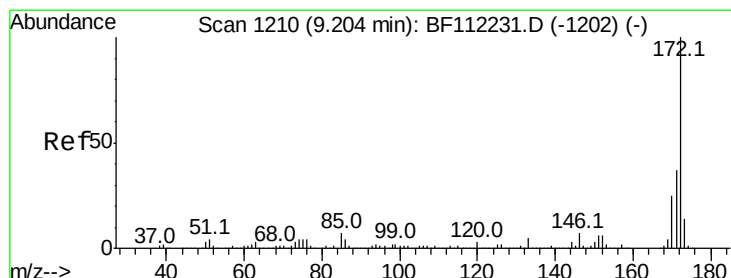
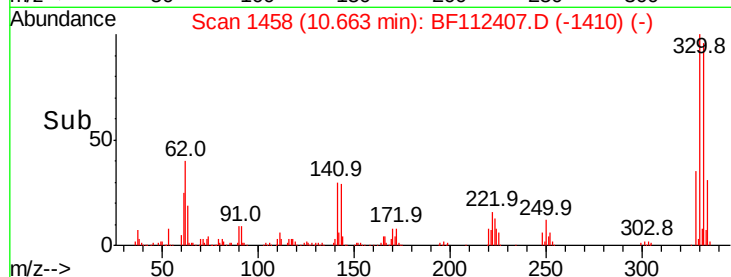
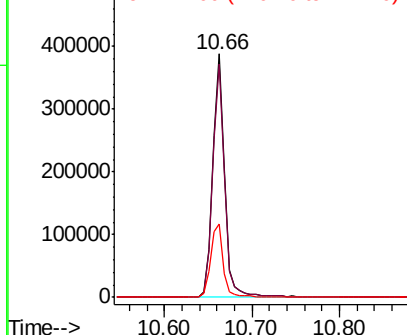
330 100

332 95.8 76.6 114.8

141 31.7 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: 93.042 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112407.D

Acq: 5 Feb 2019 20:27

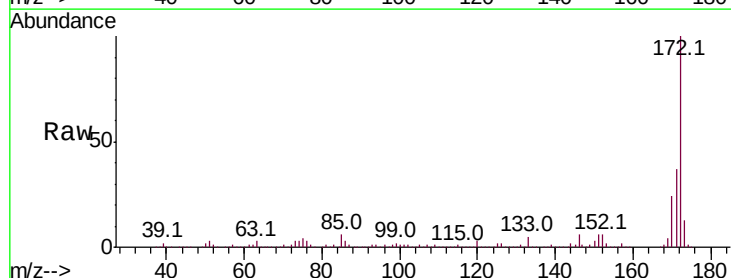
Tgt Ion:172 Resp: 1753568

Ion Ratio Lower Upper

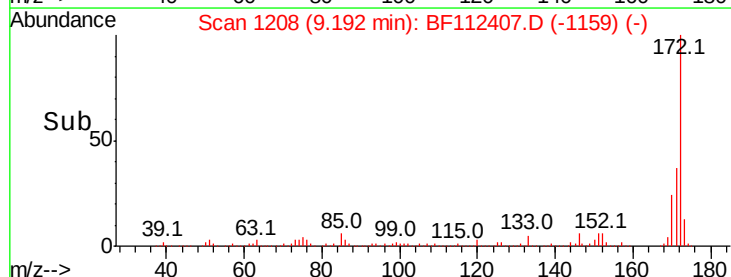
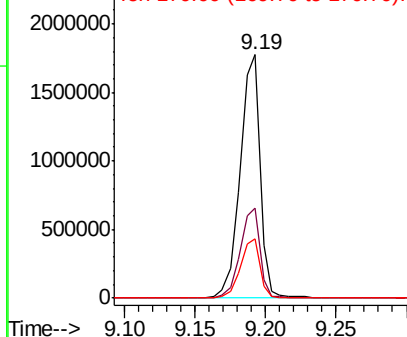
172 100

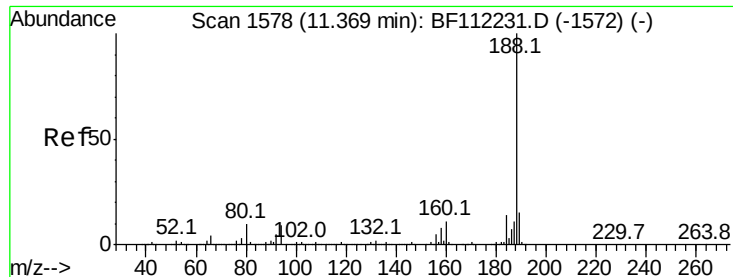
171 36.9 30.5 45.7

170 24.4 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: BF112407.D

Acq: 5 Feb 2019 20:27

Instrument :

BNA_F

ClientSampleId :

CL-02-020419-A

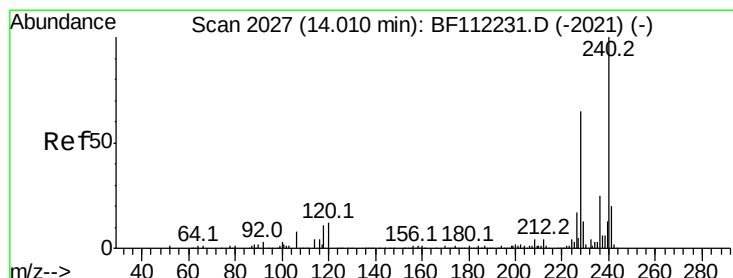
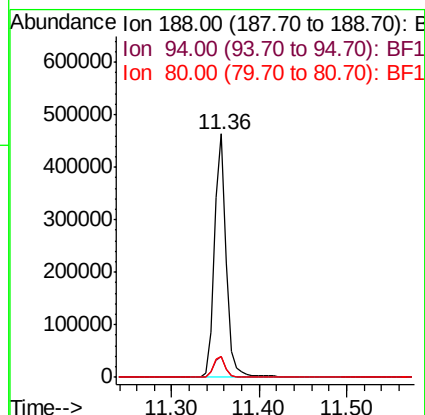
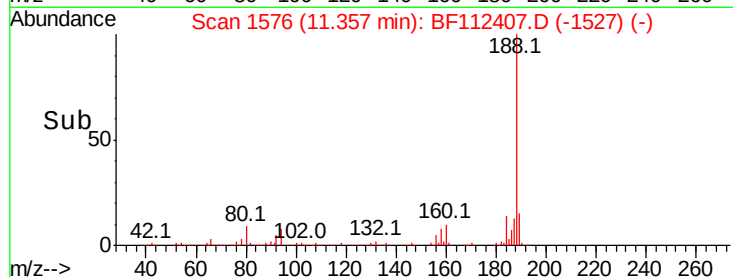
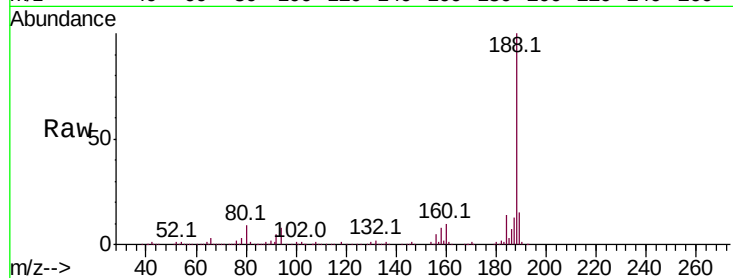
Tot Ion:188 Resp: 432689

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

80 8.5 8.9 13.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112407.D

Acq: 5 Feb 2019 20:27

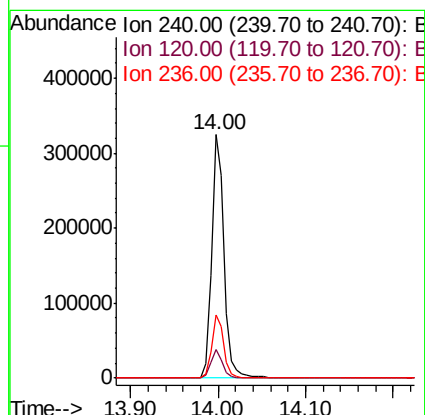
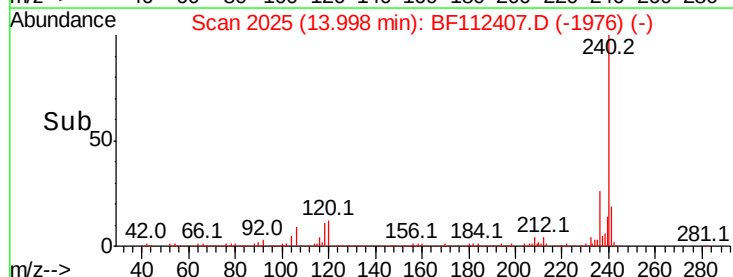
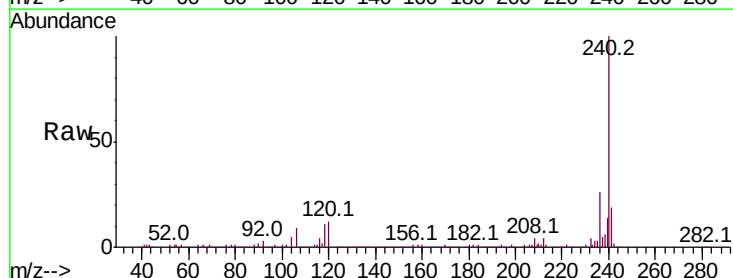
Tgt Ion:240 Resp: 317072

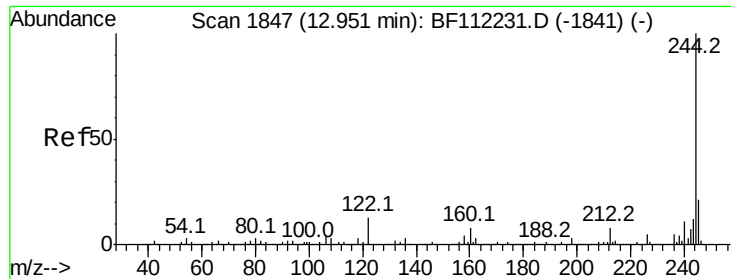
Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.6

236 26.2 20.7 31.1





#79

Terphenyl-d14

Concen: 87.351 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112407.D

Acq: 5 Feb 2019 20:27

Instrument :

BNA_F

ClientSampleId :

CL-02-020419-A

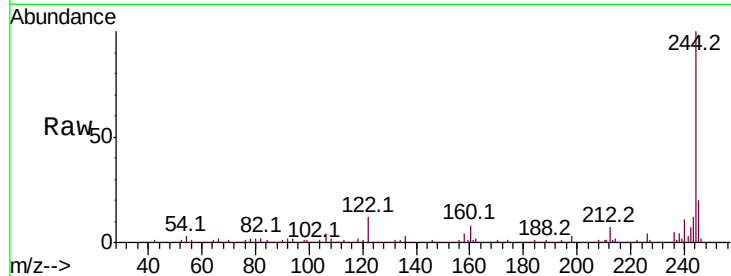
Tot Ion:244 Resp: 1470533

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

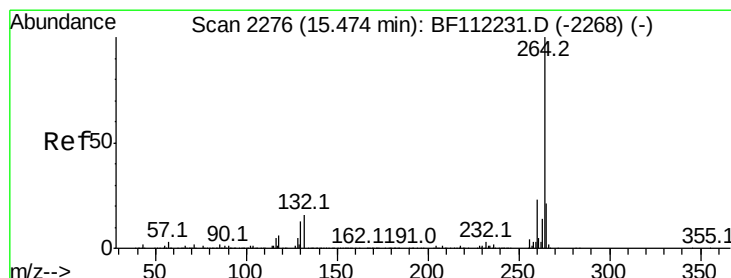
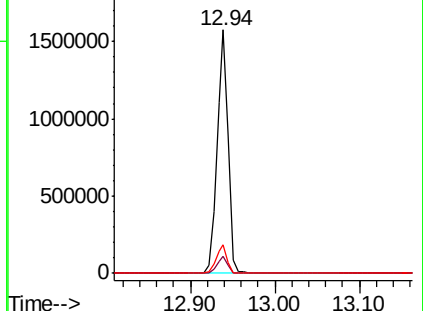
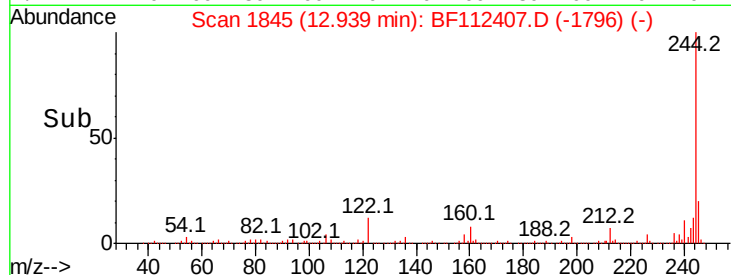
122 11.5 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112407.D

Acq: 5 Feb 2019 20:27

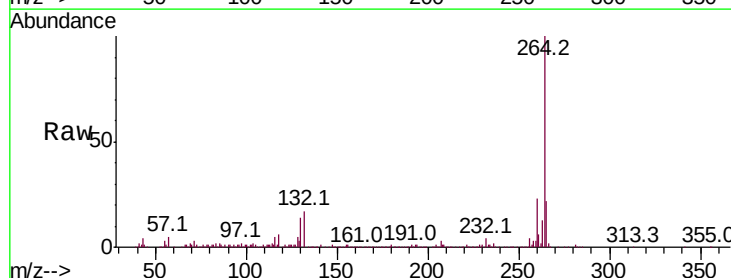
Tgt Ion:264 Resp: 243368

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 21.7 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

