

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113021.D
 Acq On : 12 Mar 2019 23:51
 Operator : JU/SJ
 Sample : K1844-09 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOTE-1-3

Quant Time: Mar 13 04:49:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	173867	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	702415	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	304246	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	546320	20.00	ng	0.00
76) Chrysene-d12	13.86	240	558432	20.00	ng	0.00
87) Perylene-d12	15.27	264	432467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	29486	2.64	ng	0.00
7) Phenol-d6	6.36	99	38110	2.71	ng	-0.01
23) Nitrobenzene-d5	7.29	82	27649	2.36	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	13687	4.24	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	70165	1.60	ng	0.00
79) Terphenyl-d14	12.82	244	55314	1.92	ng	0.00

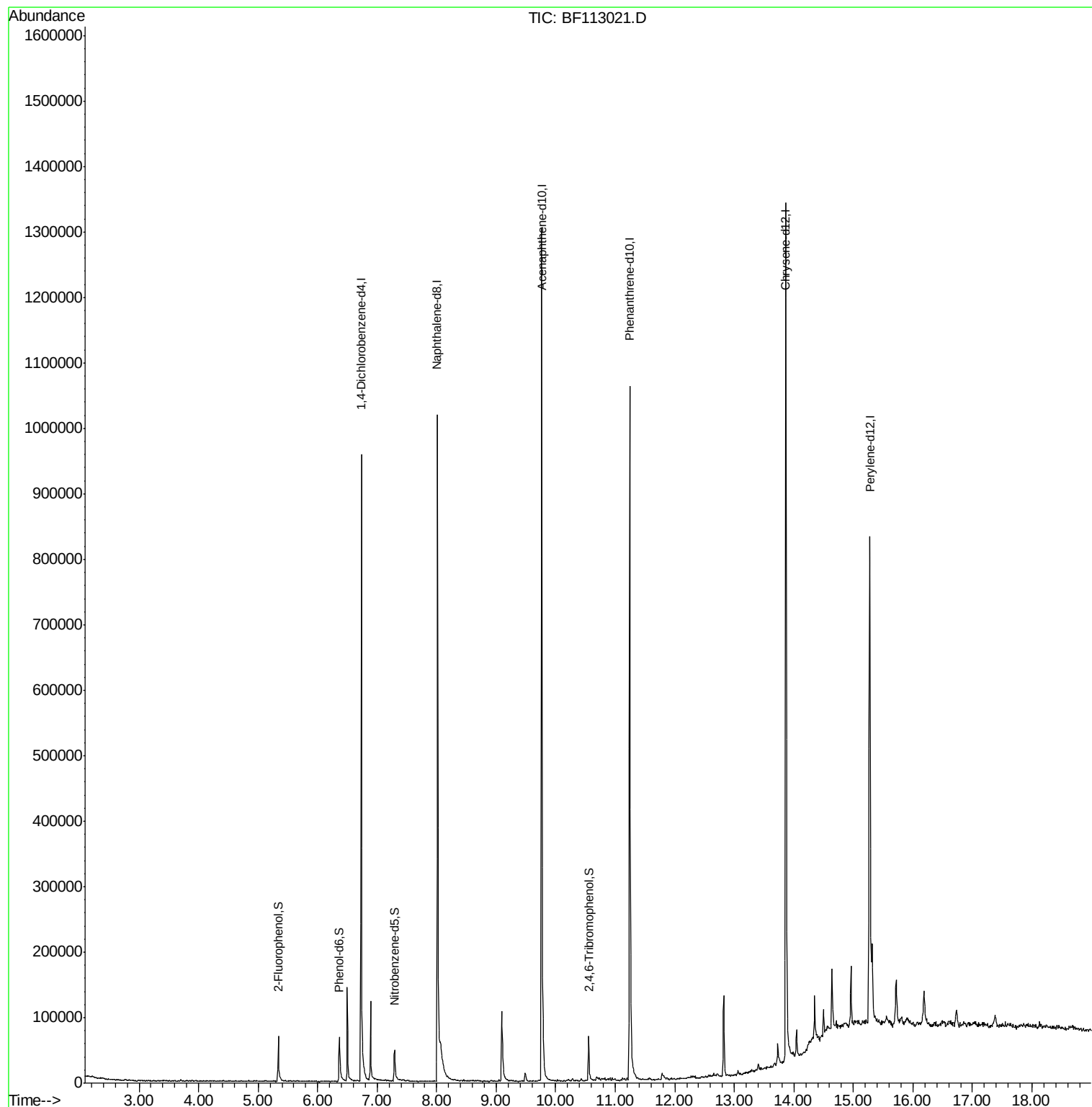
Target Compounds Qvalue

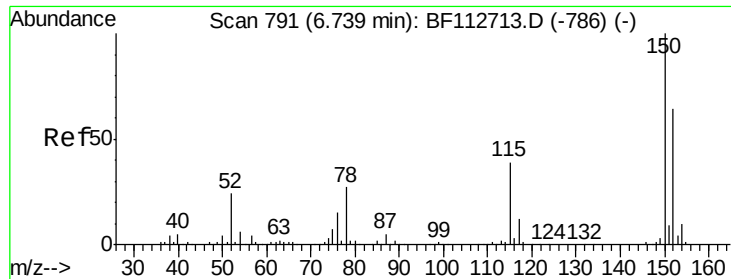
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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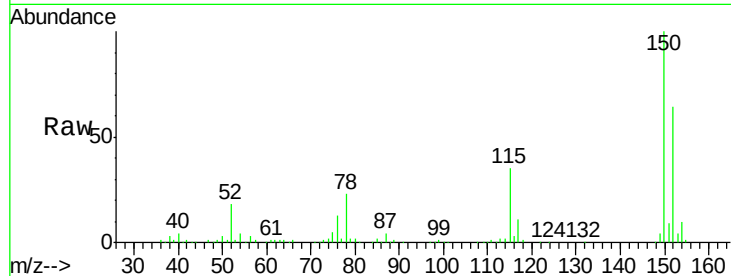


#1

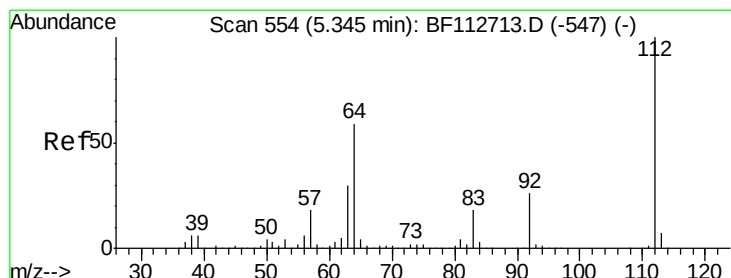
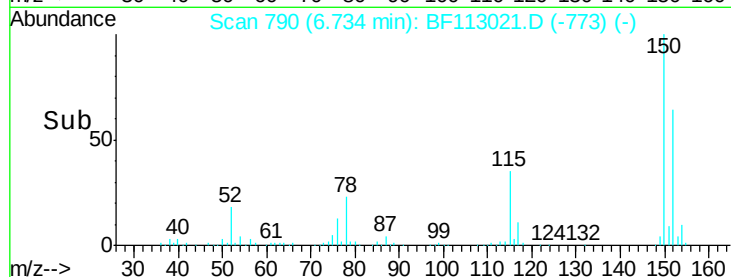
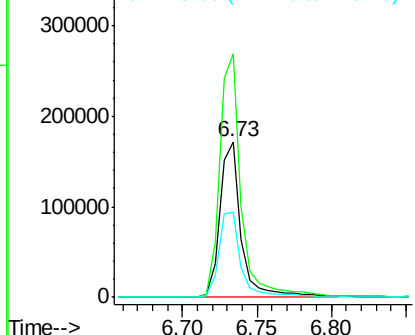
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF113021.D
Acq: 12 Mar 2019 23:51

Instrument :
BNA_F
ClientSampleId :
TOTE-1-3

Tot Ion:152 Resp: 173867
Ion Ratio Lower Upper
152 100
150 156.2 124.2 186.2
115 54.3 48.2 72.4



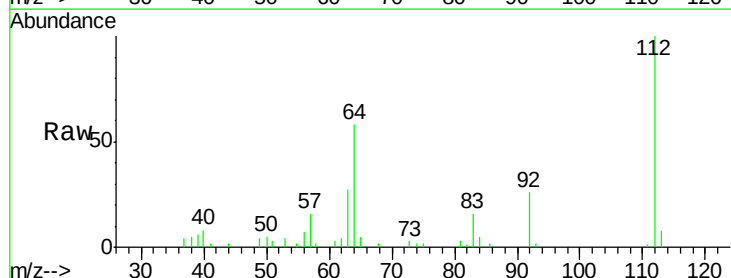
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



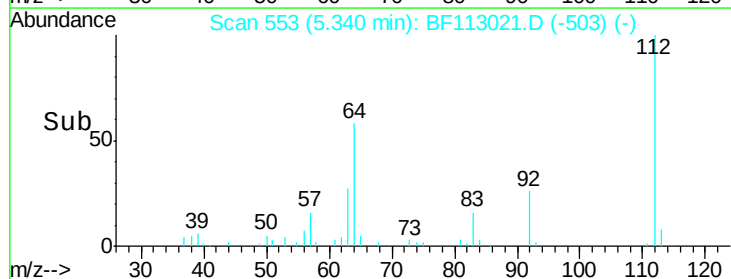
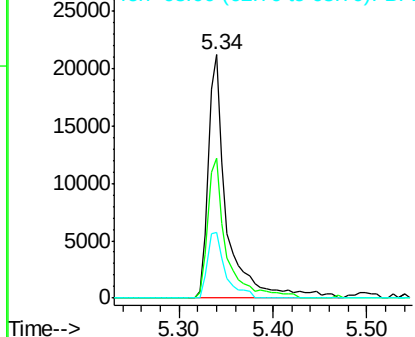
#5

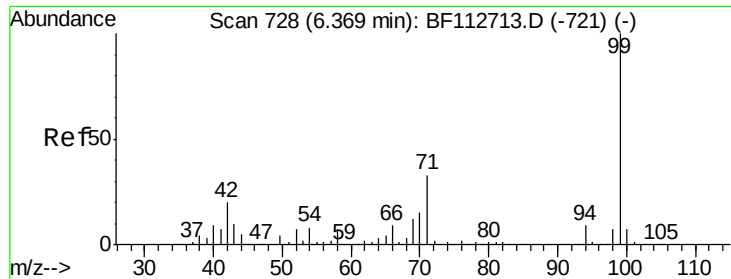
2-Fluorophenol
Concen: 2.638 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113021.D
Acq: 12 Mar 2019 23:51

Tgt Ion:112 Resp: 29486
Ion Ratio Lower Upper
112 100
64 57.5 47.6 71.4
63 27.2 24.4 36.6



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: 2.714 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113021.D

Acq: 12 Mar 2019 23:51

Instrument :

BNA_F

ClientSampleId :

TOTE-1-3

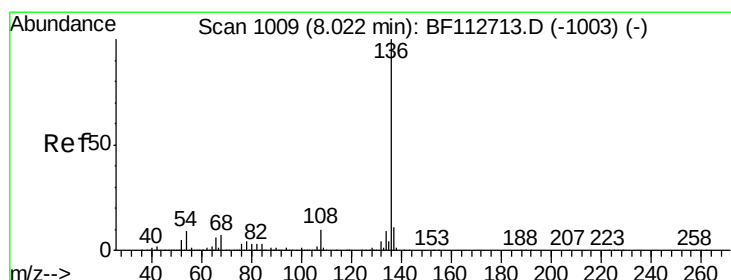
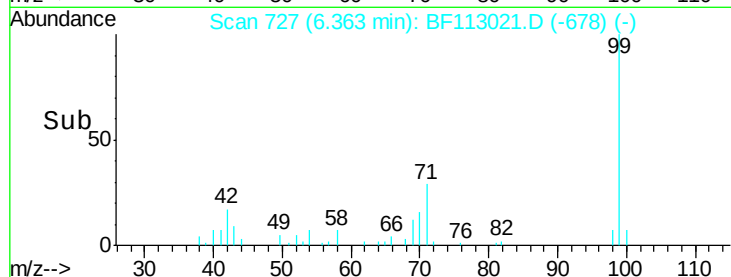
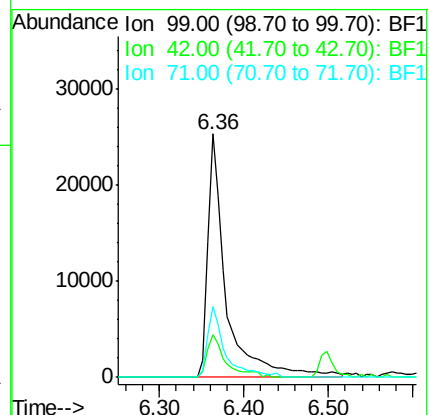
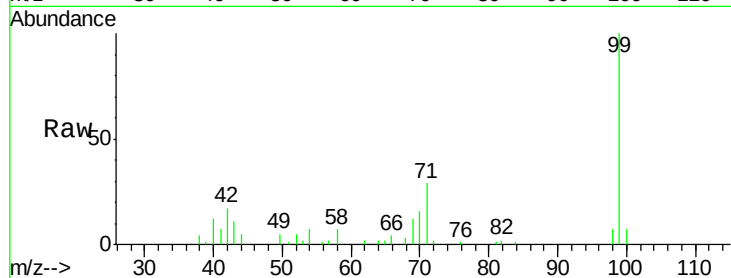
Tot Ion: 99 Resp: 38110

Ion Ratio Lower Upper

99 100

42 17.3 16.3 24.5

71 29.3 26.2 39.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF113021.D

Acq: 12 Mar 2019 23:51

Tgt Ion: 136 Resp: 702415

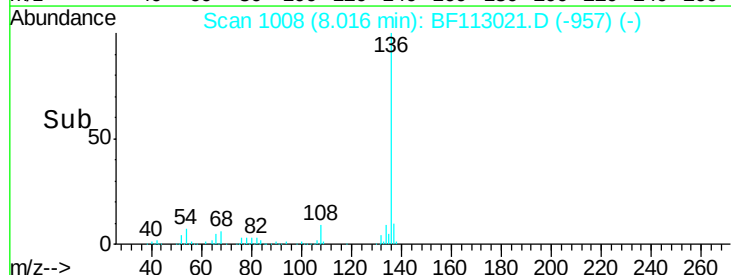
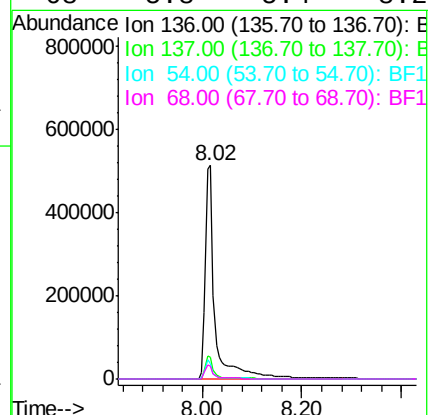
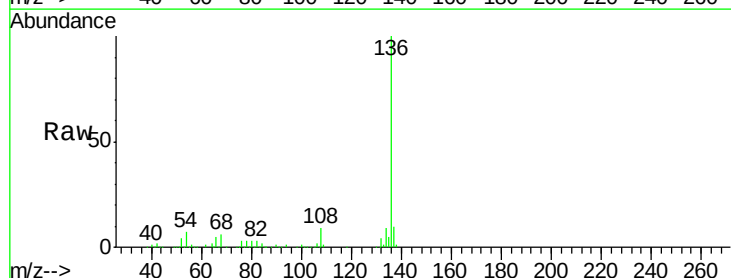
Ion Ratio Lower Upper

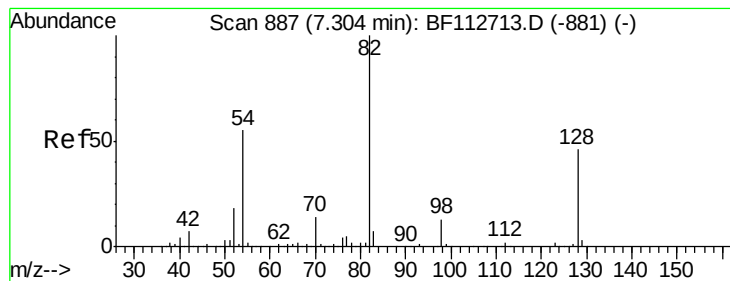
136 100

137 10.4 8.9 13.3

54 7.1 7.3 10.9#

68 5.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 2.355 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF113021.D

Acq: 12 Mar 2019 23:51

Instrument :

BNA_F

ClientSampled :

TOTE-1-3

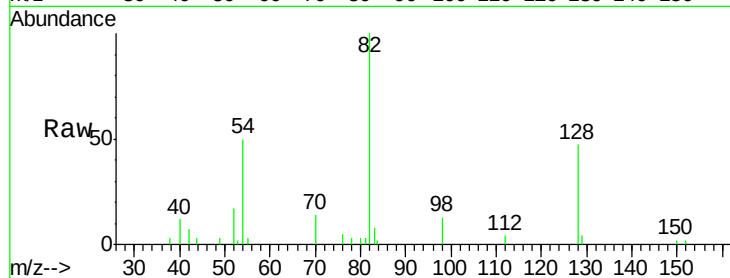
Tot Ion: 82 Resp: 27649

Ion Ratio Lower Upper

82 100

128 47.4 36.3 54.5

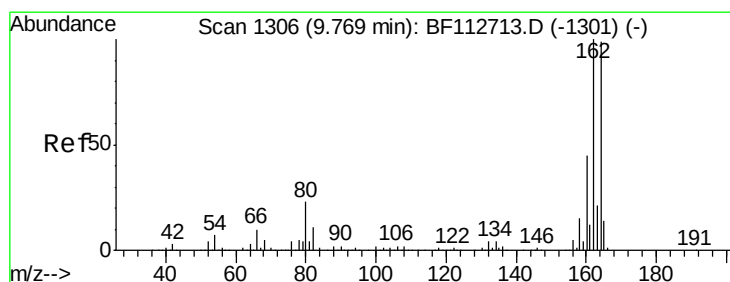
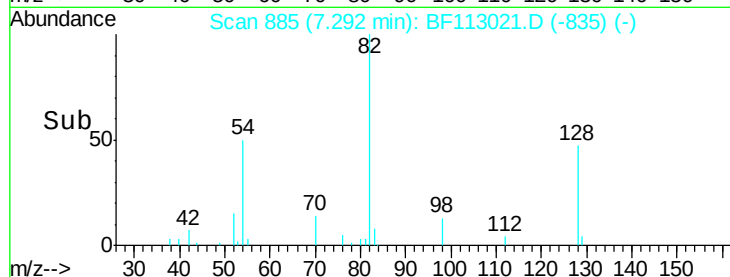
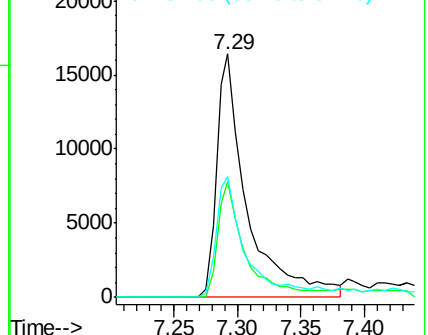
54 49.7 43.7 65.5



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF113021.D

Acq: 12 Mar 2019 23:51

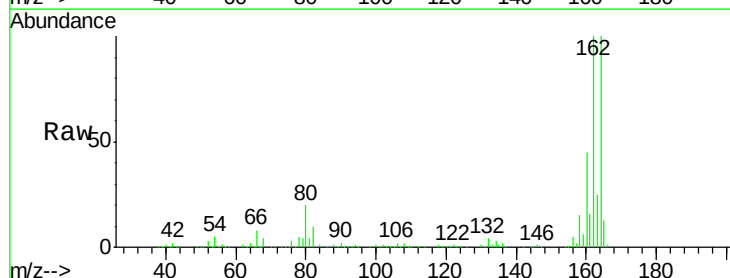
Tgt Ion:164 Resp: 304246

Ion Ratio Lower Upper

164 100

162 100.2 80.6 120.8

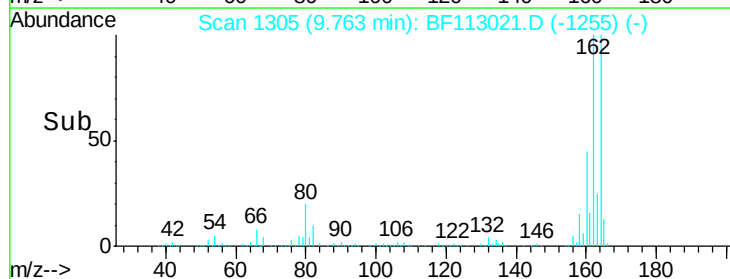
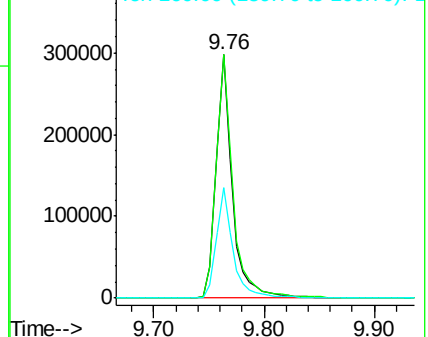
160 45.2 36.0 54.0

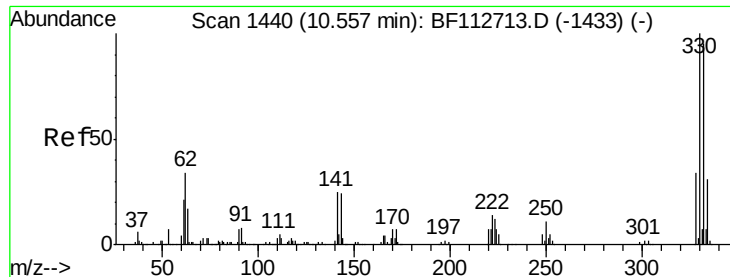


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 4.238 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF113021.D

Acq: 12 Mar 2019 23:51

Instrument :

BNA_F

ClientSampled :

TOTE-1-3

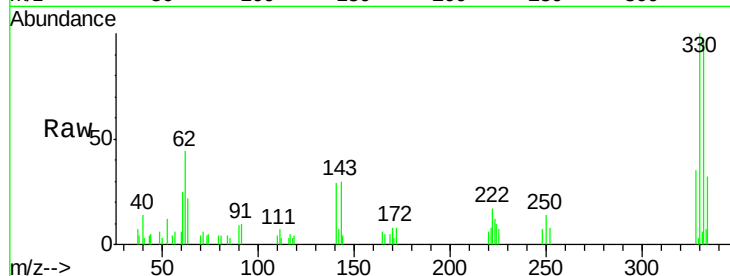
Tot Ion:330 Resp: 13687

Ion Ratio Lower Upper

330 100

332 97.5 76.2 114.4

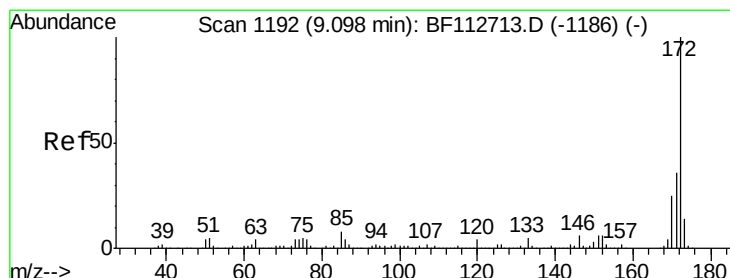
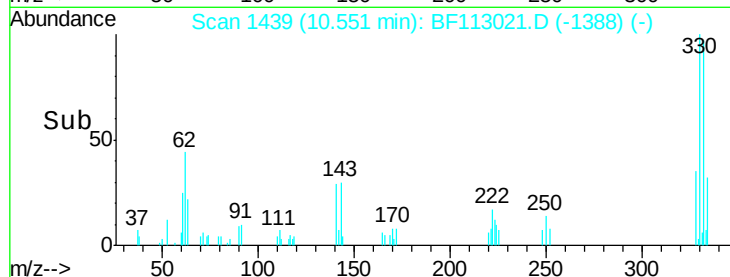
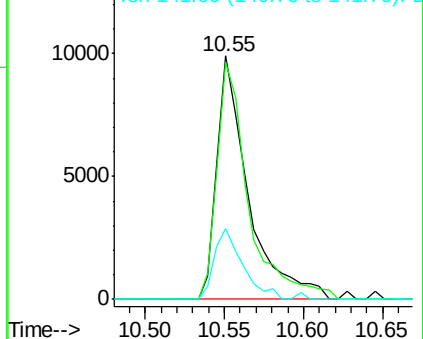
141 26.4 27.0 40.6#



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: 1.603 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF113021.D

Acq: 12 Mar 2019 23:51

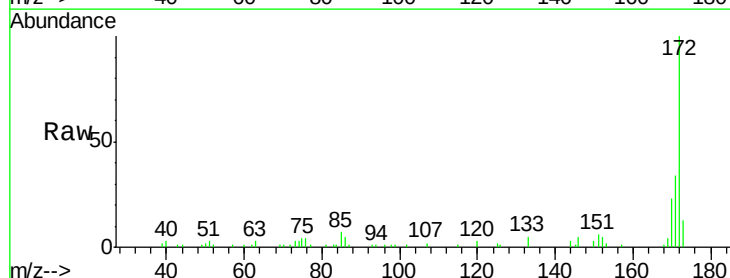
Tgt Ion:172 Resp: 70165

Ion Ratio Lower Upper

172 100

171 33.7 29.0 43.4

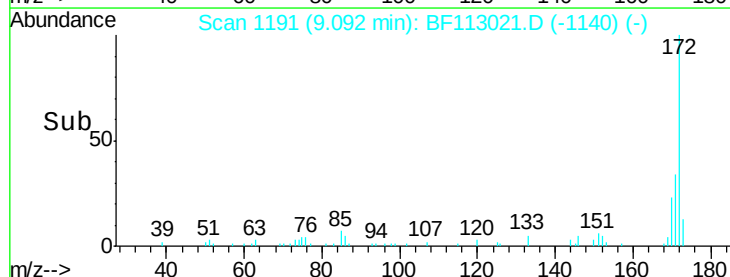
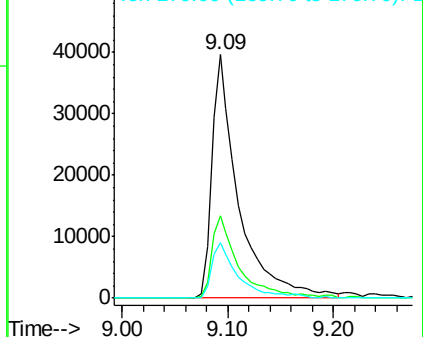
170 22.8 20.0 30.0

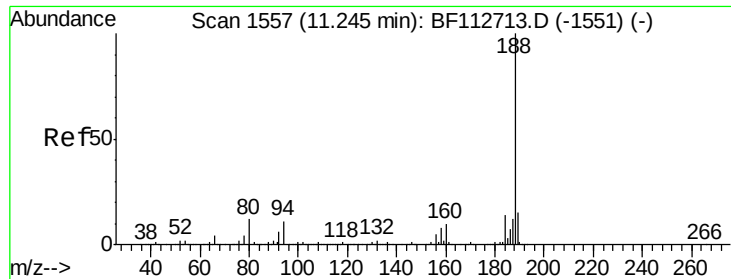


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

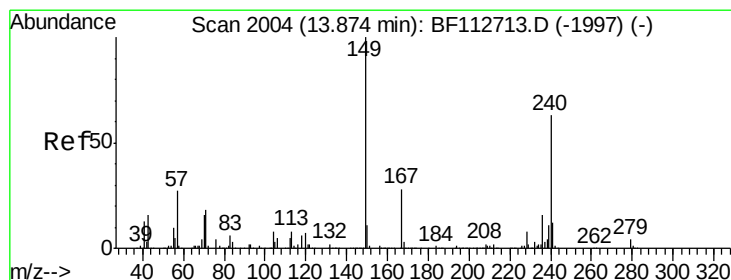
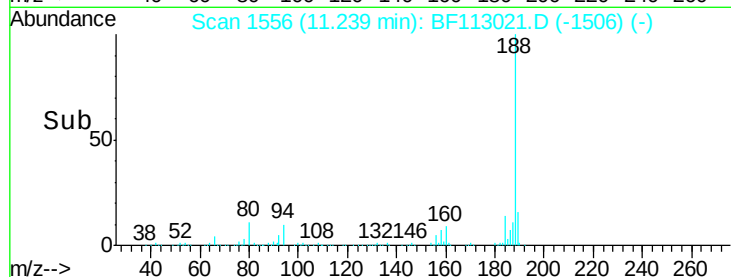
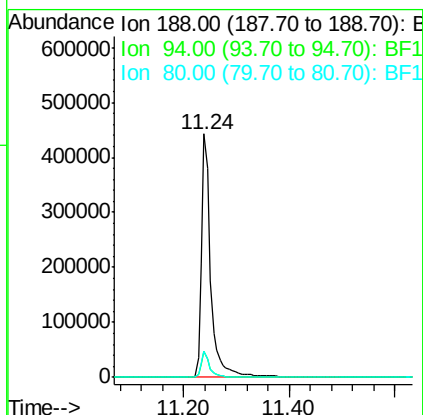
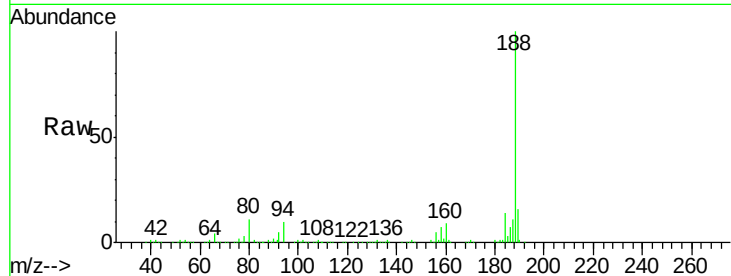




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113021.D
Acq: 12 Mar 2019 23:51

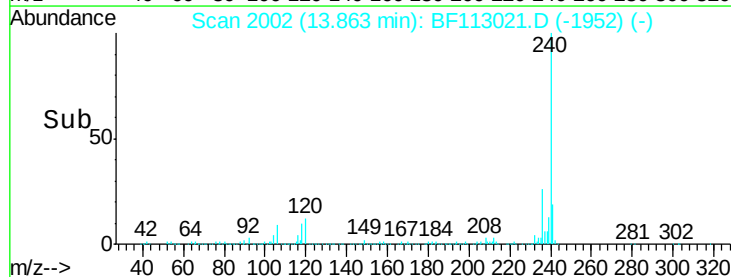
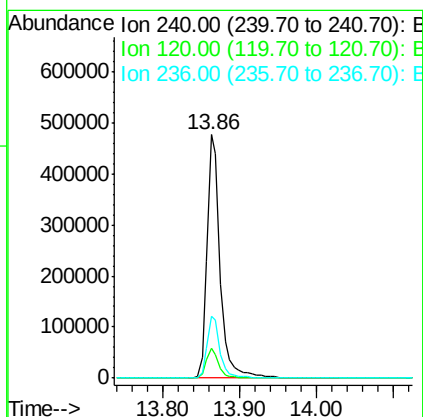
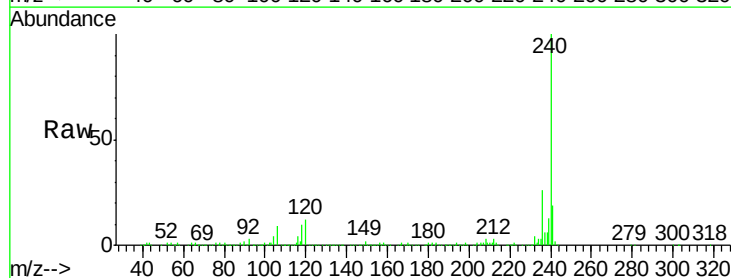
Instrument :
BNA_F
ClientSampleId :
TOTE-1-3

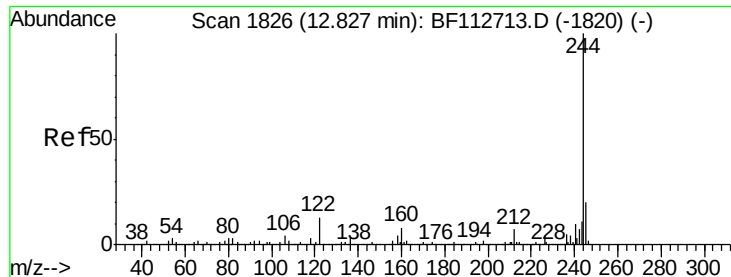
Tot Ion:188 Resp: 546320
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.4
80 10.8 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113021.D
Acq: 12 Mar 2019 23:51

Tgt Ion:240 Resp: 558432
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 1.920 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF113021.D

Acq: 12 Mar 2019 23:51

Instrument :

BNA_F

ClientSampleId :

TOTE-1-3

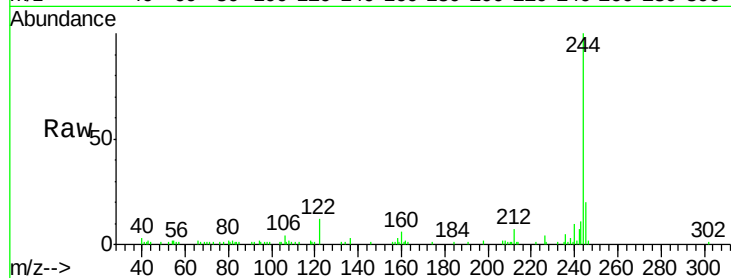
Tot Ion:244 Resp: 55314

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

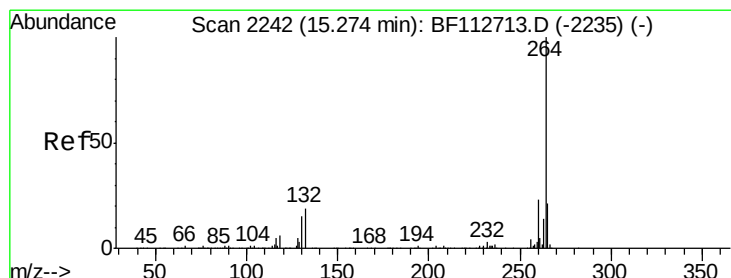
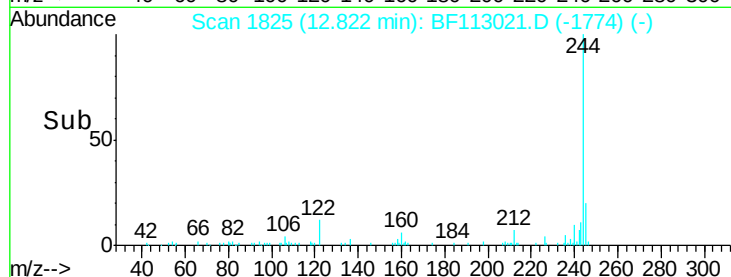
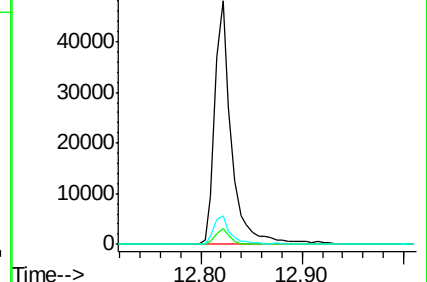
122 11.7 10.5 15.7



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: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF113021.D

Acq: 12 Mar 2019 23:51

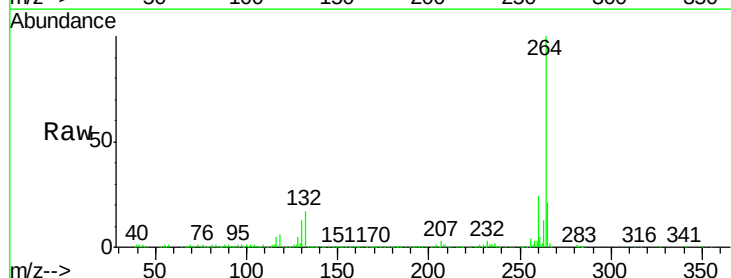
Tgt Ion:264 Resp: 432467

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 20.8 17.2 25.8



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

