

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 03:59:57 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

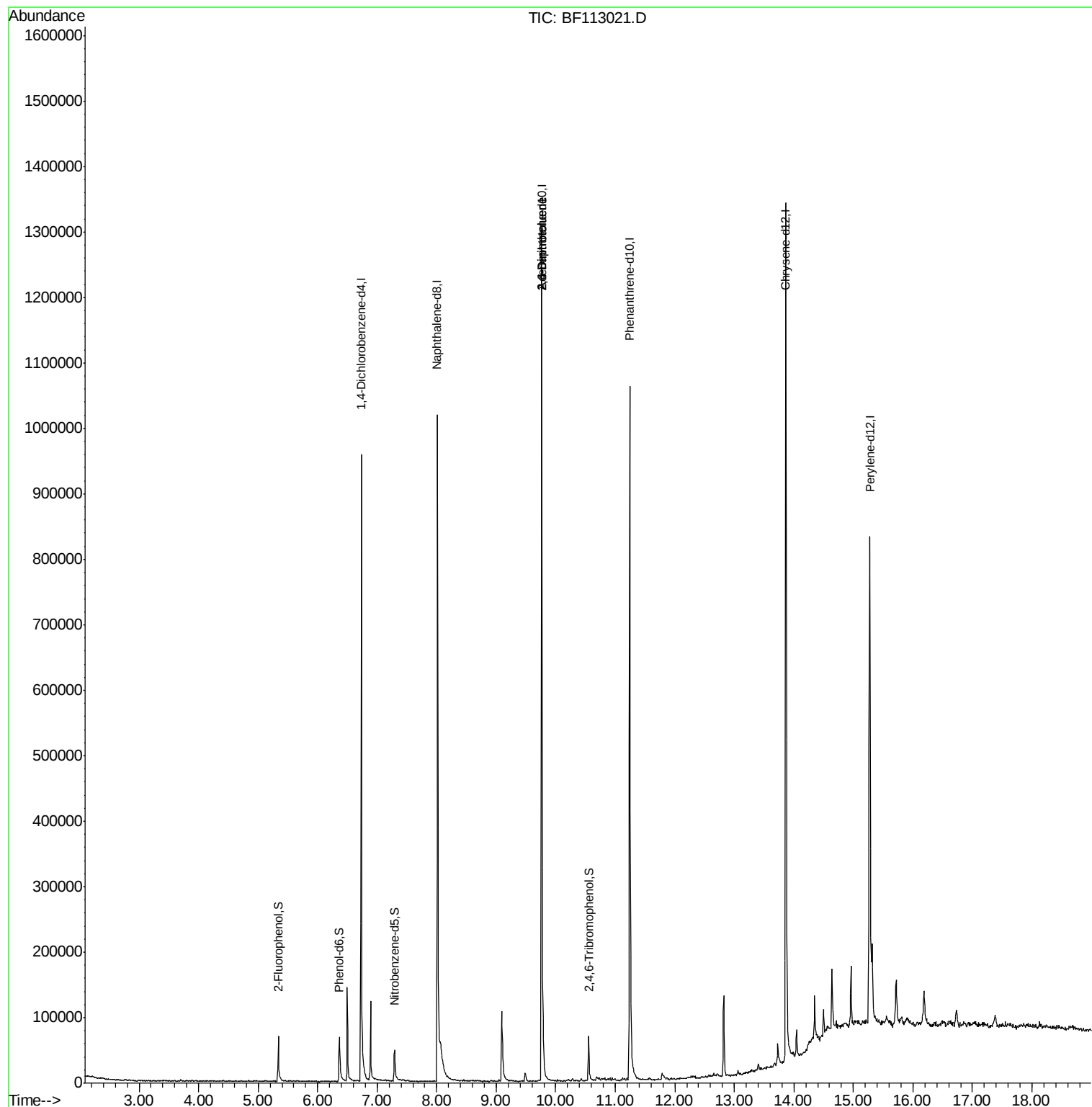
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	173867	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	702415	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	304246	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	546320	20.00	ng	0.00
76) Chrysene-d12	13.86	240	558432	20.00	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						
51) 2,6-Dinitrotoluene	9.76	165	37982	8.130	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	38149	6.570	ng	# 18

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

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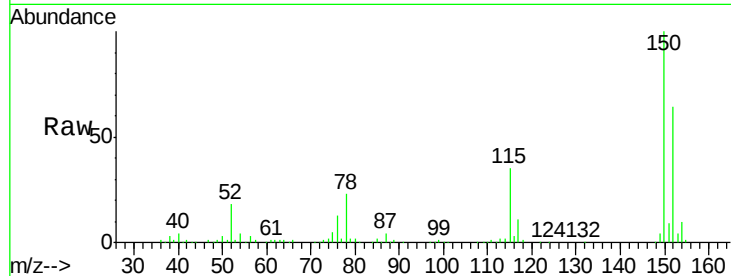


#1

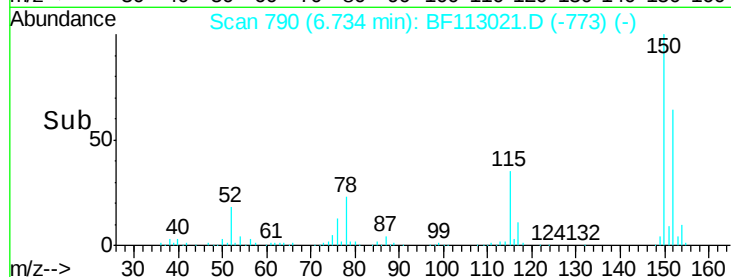
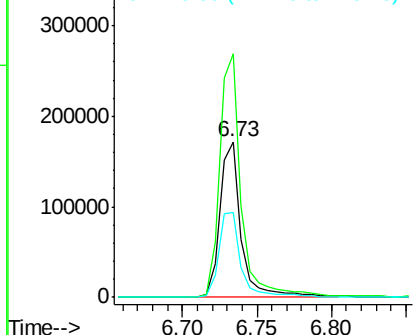
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF113021.D
Acq: 12 Mar 2019 23:51

Instrument :
BNA_F
ClientSampleId :
TOTE-1-3

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



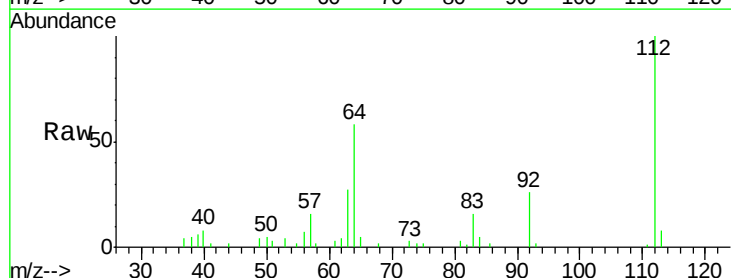
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



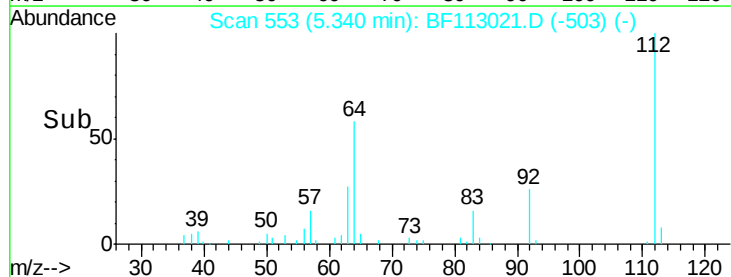
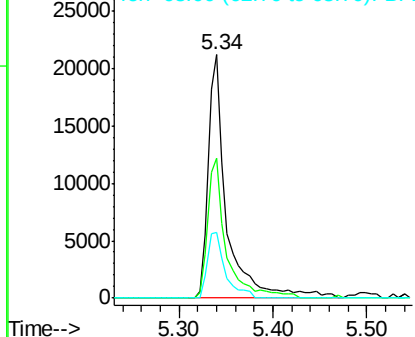
#5

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

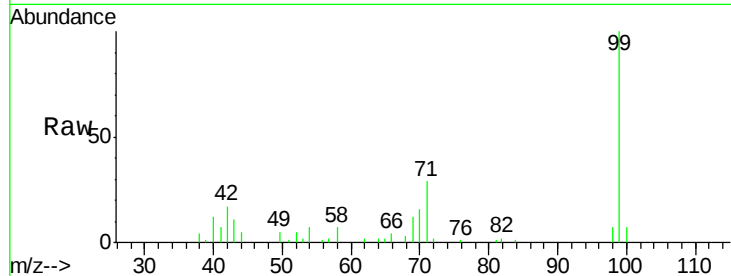
Tgt Ion: 99 Resp: 38110

Ion Ratio Lower Upper

99 100

42 17.3 16.3 24.5

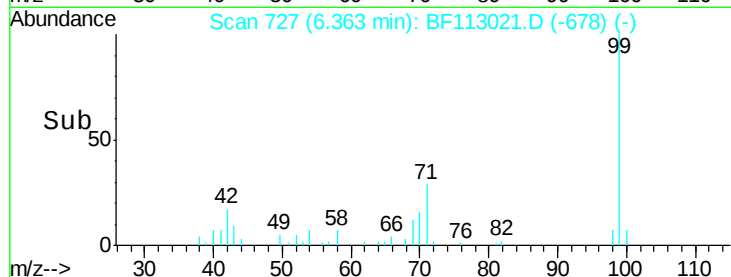
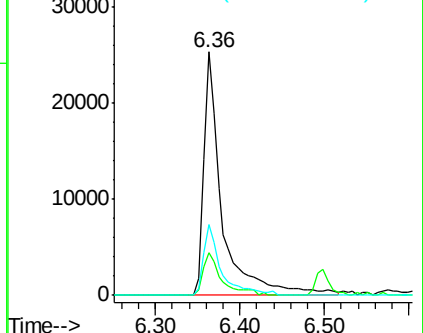
71 29.3 26.2 39.4



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: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF113021.D

Acq: 12 Mar 2019 23:51

Tgt Ion: 136 Resp: 702415

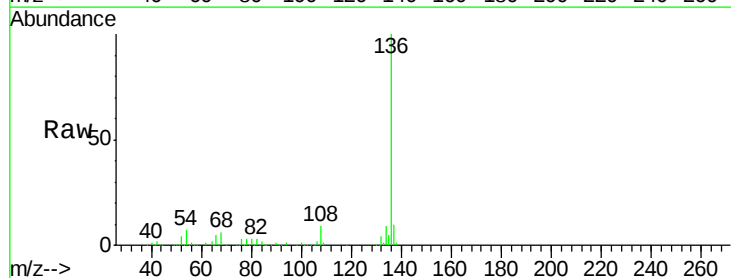
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.1 7.3 10.9#

68 5.8 5.4 8.2

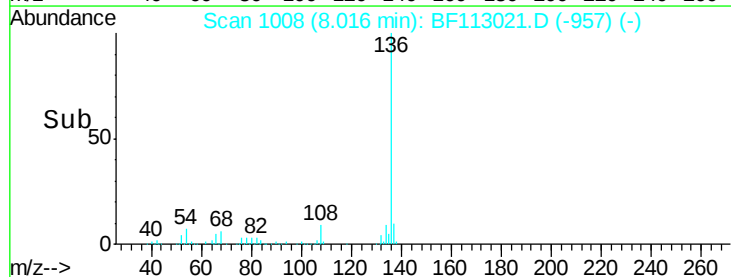
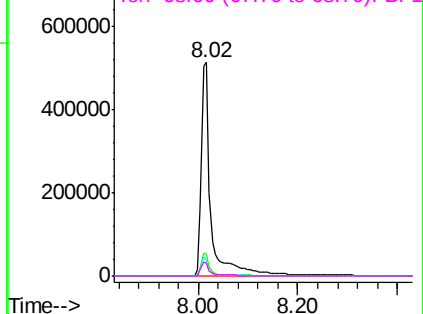


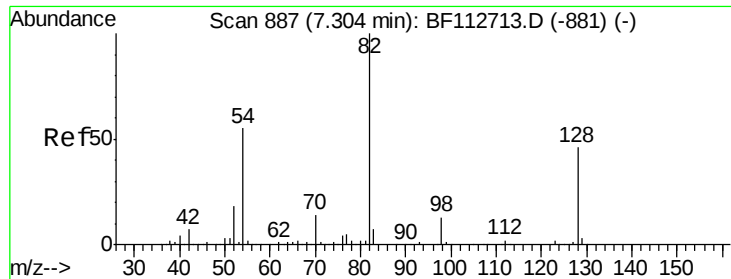
Abundance Ion 136.00 (135.70 to 136.70): E

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

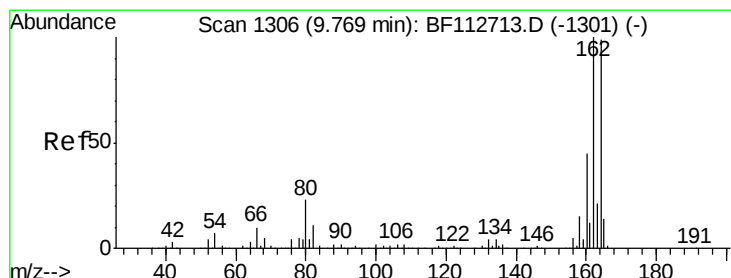
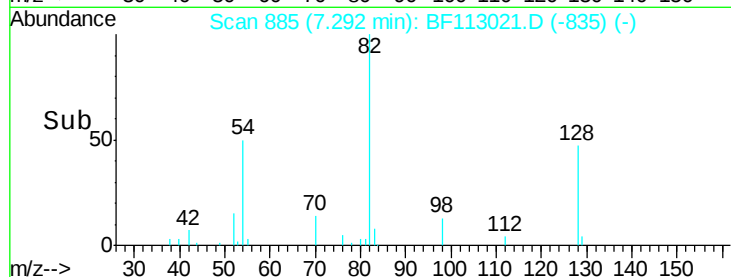
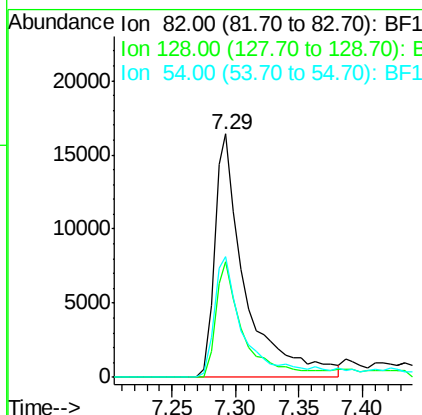
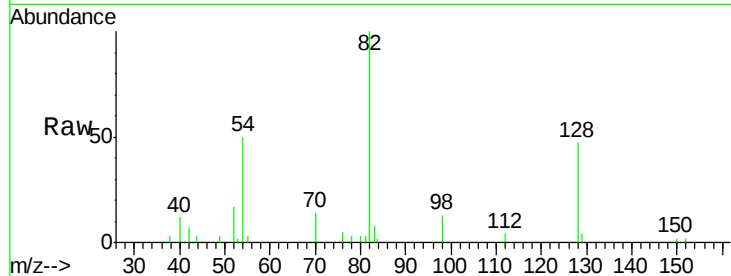




#23
Nitrobenzene-d5
Concen: 2.355 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113021.D
Acq: 12 Mar 2019 23:51

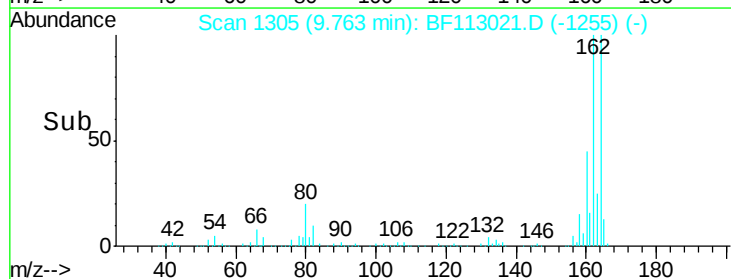
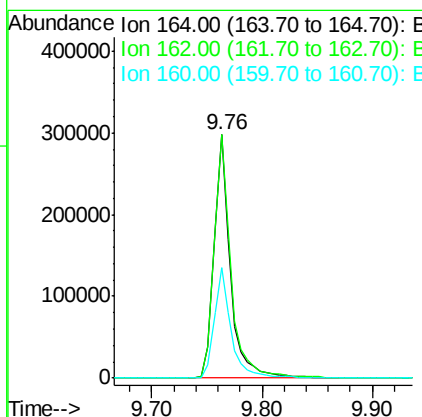
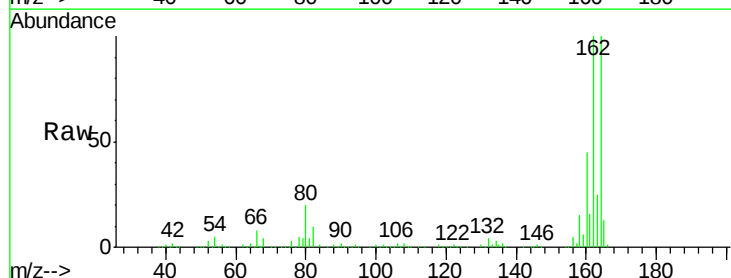
Instrument :
BNA_F
ClientSampled :
TOTE-1-3

Tgt Ion: 82 Resp: 27649
Ion Ratio Lower Upper
82 100
128 47.4 36.3 54.5
54 49.7 43.7 65.5



#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





#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

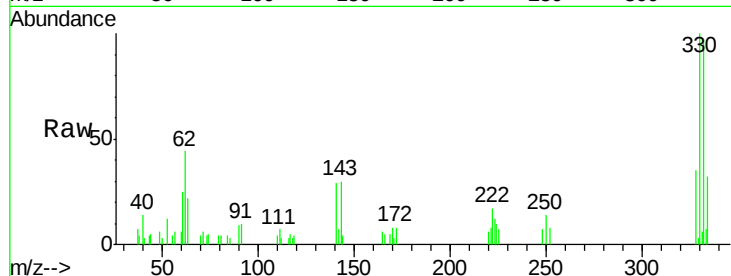
Tgt Ion:330 Resp: 13687

Ion Ratio Lower Upper

330 100

332 97.5 76.2 114.4

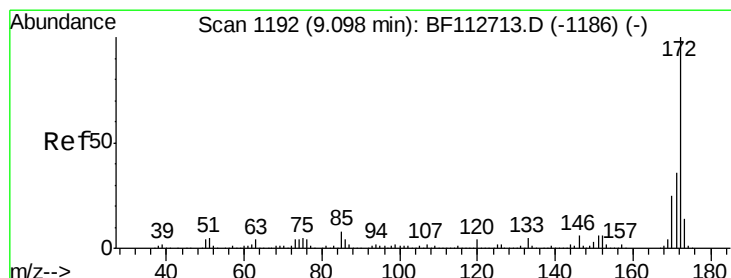
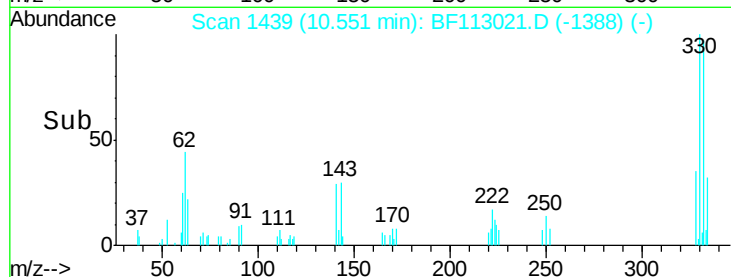
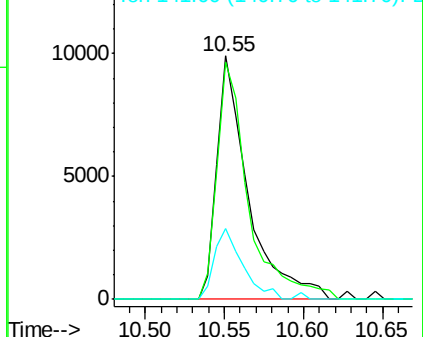
141 26.4 27.0 40.6#



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

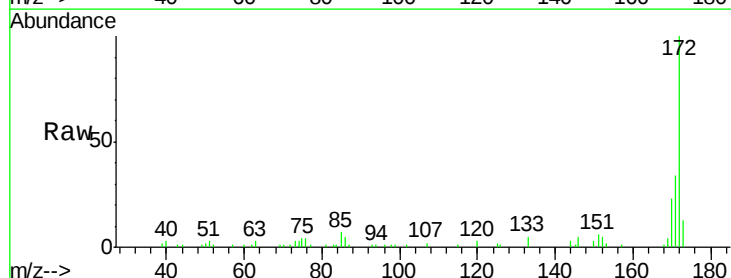
Tgt Ion:172 Resp: 70165

Ion Ratio Lower Upper

172 100

171 33.7 29.0 43.4

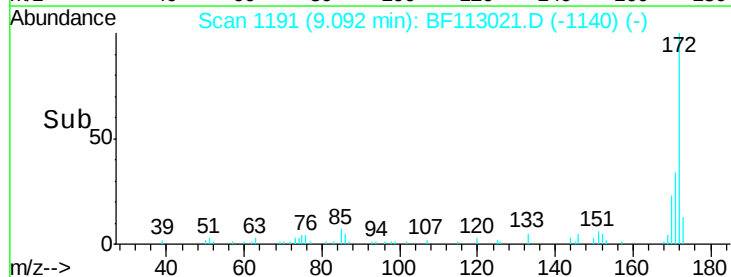
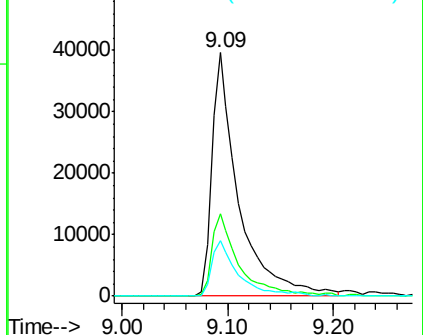
170 22.8 20.0 30.0

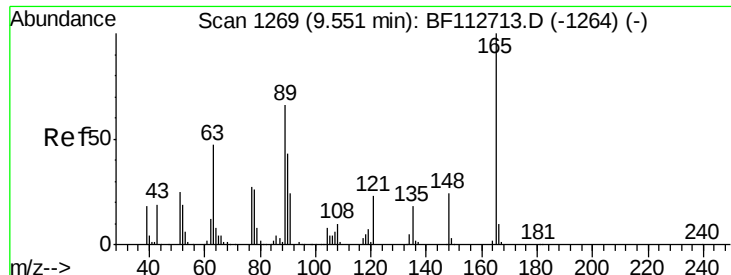


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

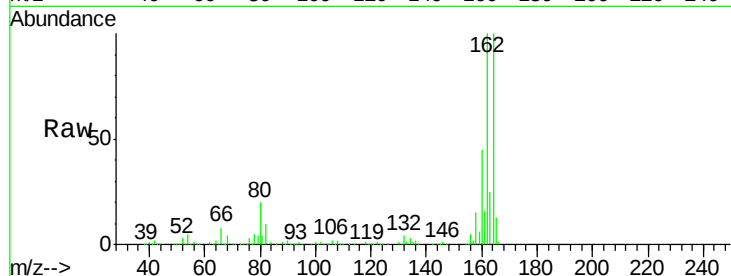




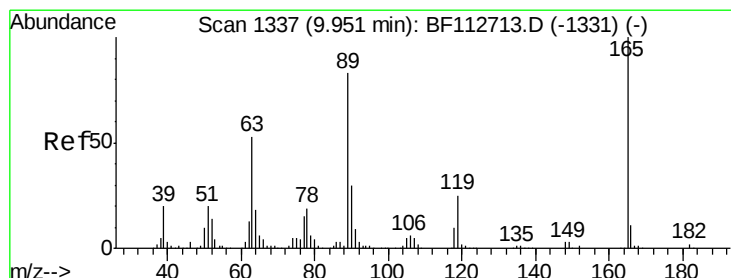
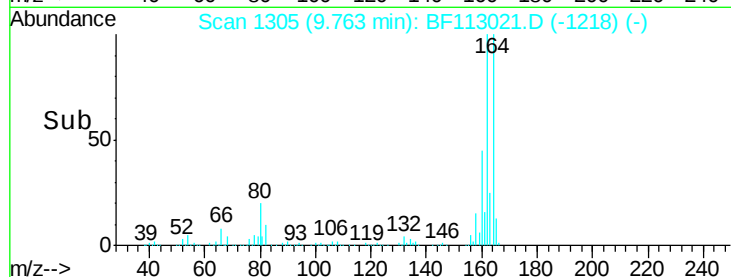
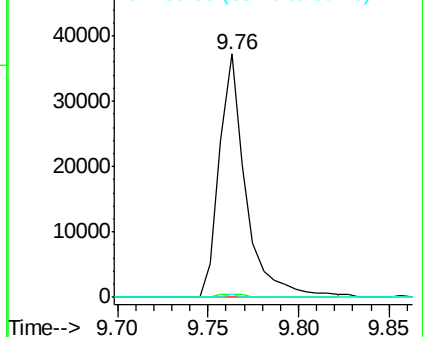
#51
 2,6-Dinitrotoluene
 Concen: 8.130 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF113021.D
 Acq: 12 Mar 2019 23:51

Instrument :
 BNA_F
 ClientSampleId :
 TOTE-1-3

Tgt Ion:165 Resp: 37982
 Ion Ratio Lower Upper
 165 100
 63 1.2 54.1 81.1#
 89 1.4 52.8 79.2#

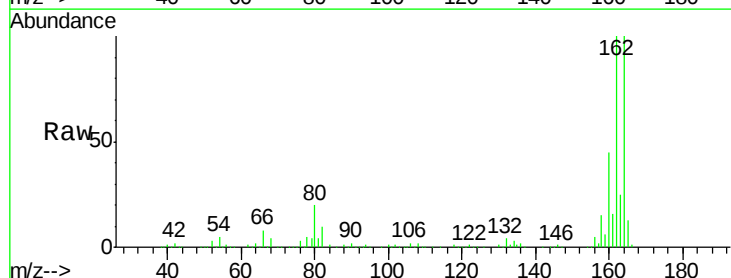


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

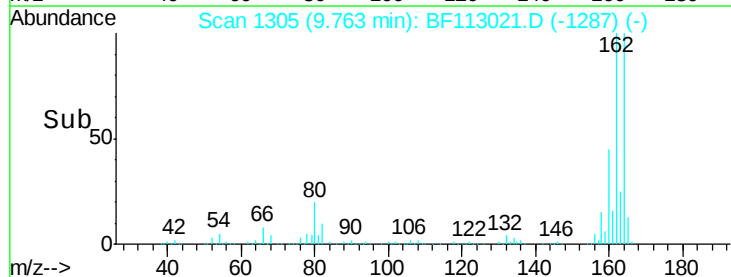
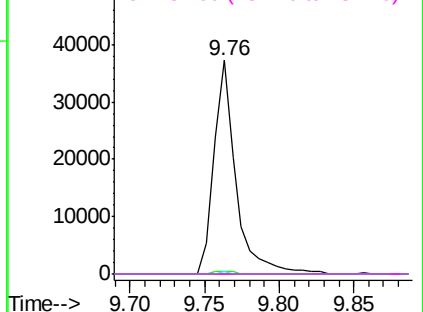


#57
 2,4-Dinitrotoluene
 Concen: 6.570 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF113021.D
 Acq: 12 Mar 2019 23:51

Tgt Ion:165 Resp: 38149
 Ion Ratio Lower Upper
 165 100
 63 1.2 42.2 63.2#
 89 1.4 66.2 99.4#
 182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

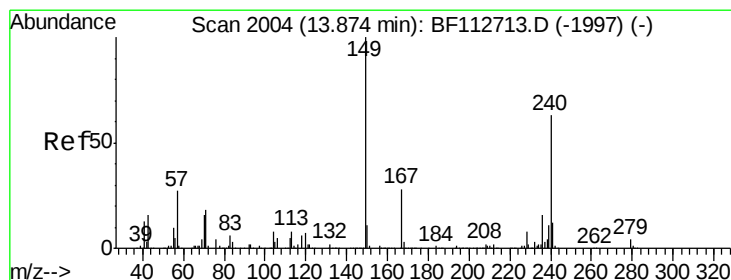
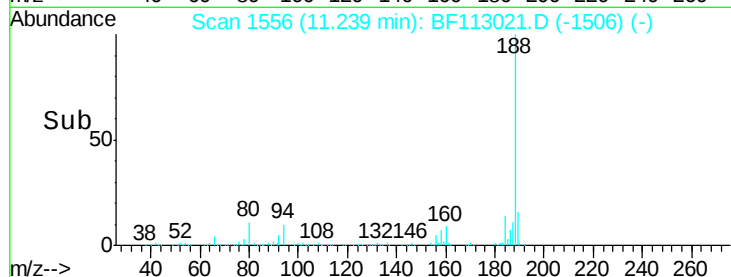
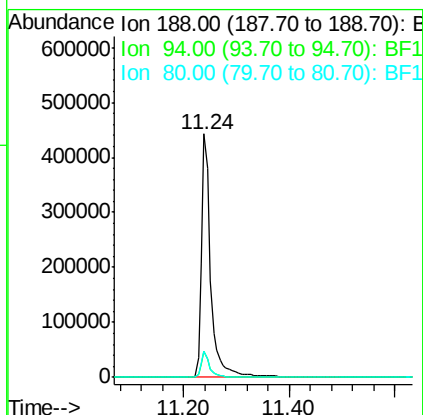
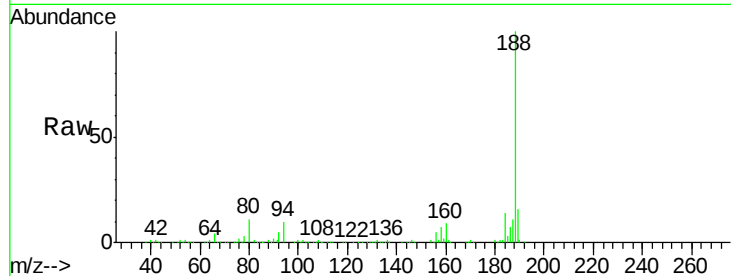




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113021.D
Acq: 12 Mar 2019 23:51

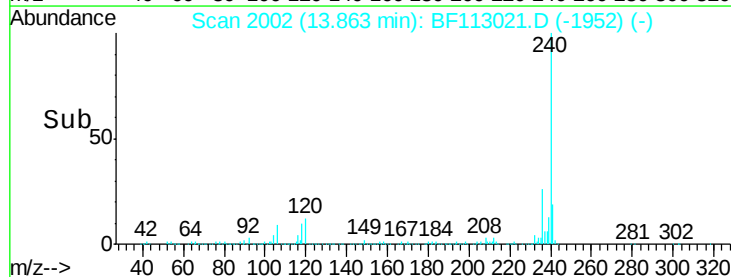
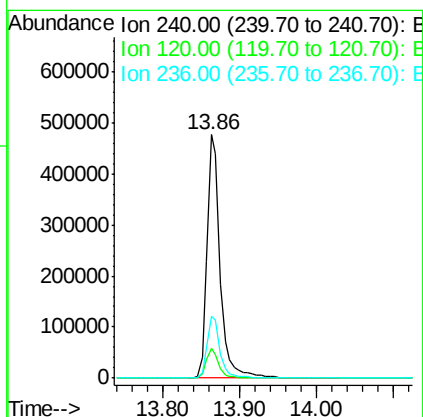
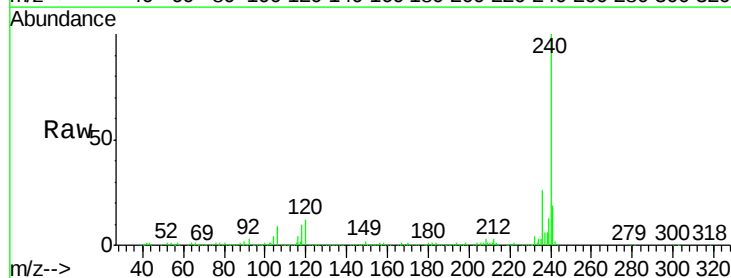
Instrument :
BNA_F
ClientSampleId :
TOTE-1-3

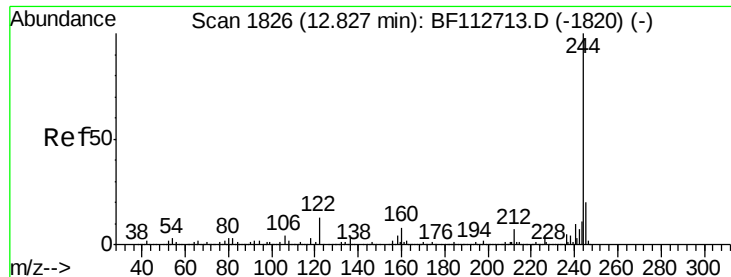
Tgt Ion:188 Resp: 546320
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.4
80 10.8 9.2 13.8



#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

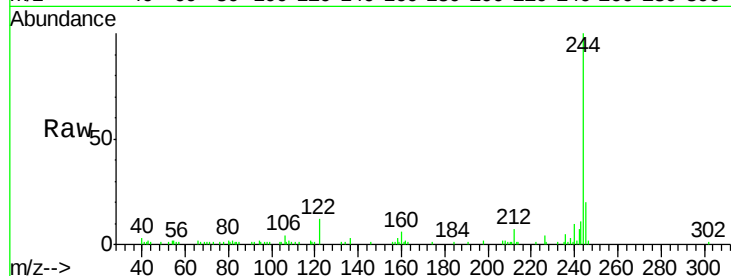
Tgt Ion:244 Resp: 55314

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

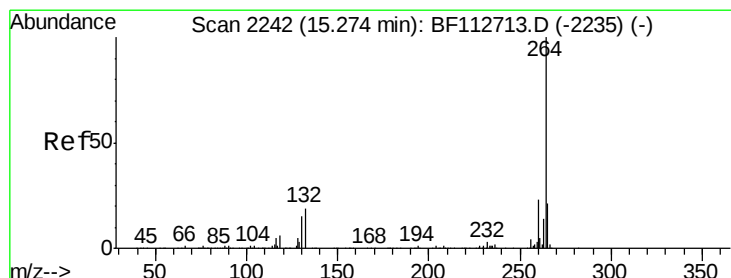
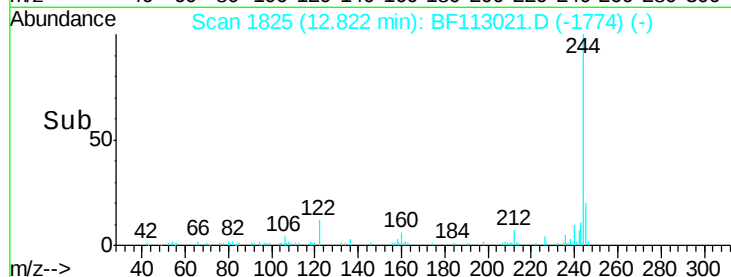
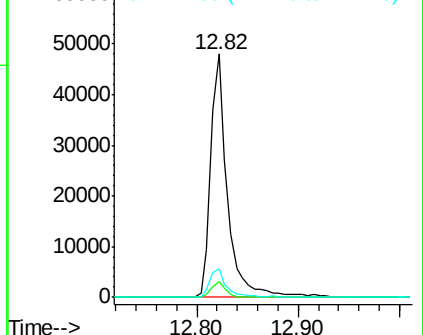
122 11.7 10.5 15.7



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

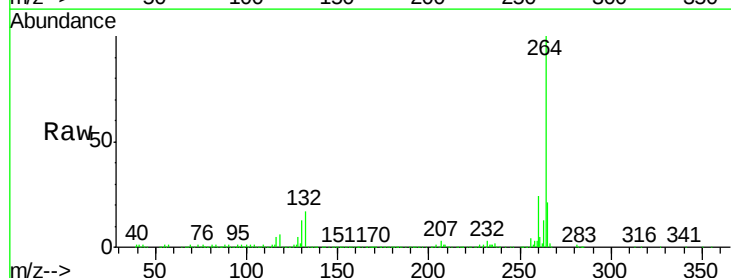
Tgt Ion:264 Resp: 432467

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

