

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113143.D
 Acq On : 19 Mar 2019 23:32
 Operator : JU/SJ
 Sample : K1971-09 20X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15(1-2)-031519

Quant Time: Mar 20 03:02:36 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	6.72	152	123246	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	442501	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	190346	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	369472	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	282097	20.00	ng	0.00
87) Perylene-d12	15.28	264	230357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	34983	4.42	ng	-0.01
7) Phenol-d6	6.36	99	54163	5.44	ng	-0.01
23) Nitrobenzene-d5	7.28	82	26883	3.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	10512	5.20	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	61086	2.84	ng	-0.01
79) Terphenyl-d14	12.82	244	66121	4.54	ng	0.00

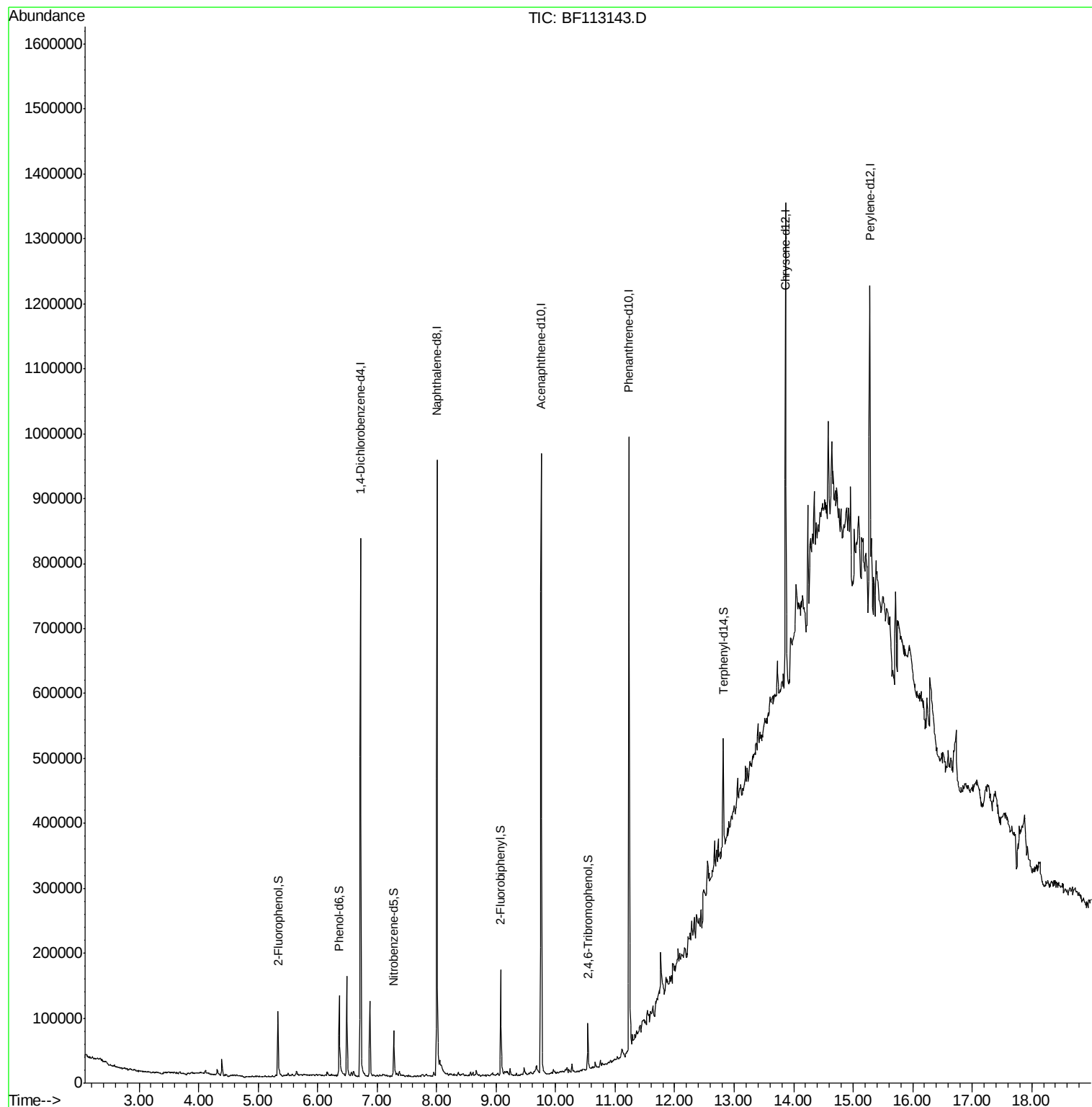
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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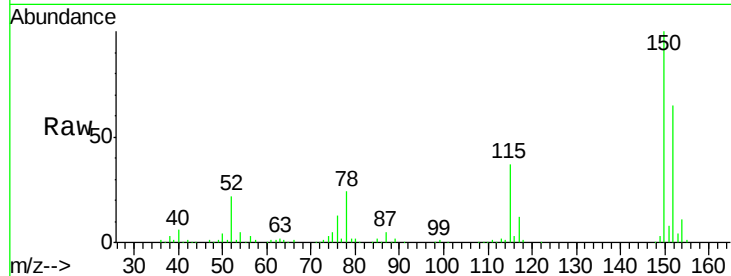


#1

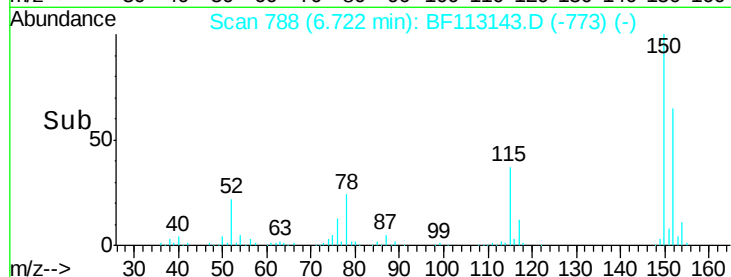
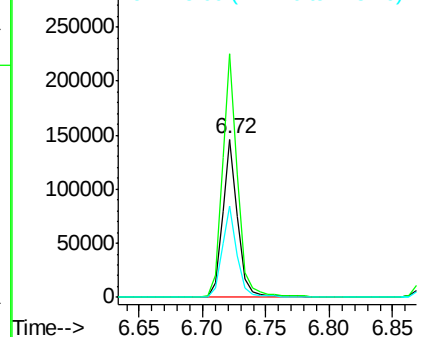
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113143.D
Acq: 19 Mar 2019 23:32

Instrument :
BNA_F
ClientSampleId :
SB-15(1-2)-031519

Tgt Ion:152 Resp: 123246
Ion Ratio Lower Upper
152 100
150 154.0 124.2 186.2
115 57.4 48.2 72.4



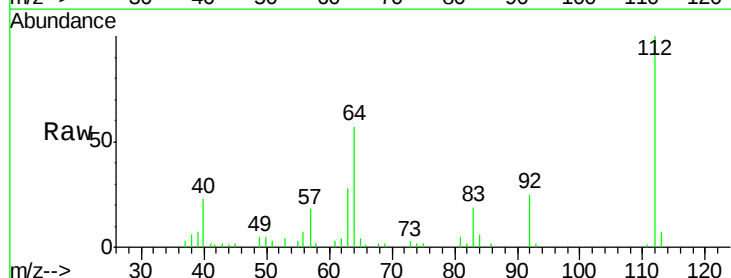
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



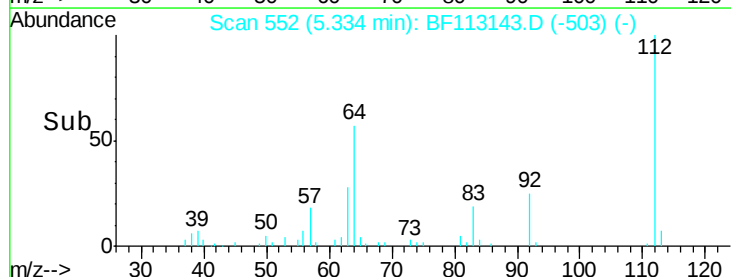
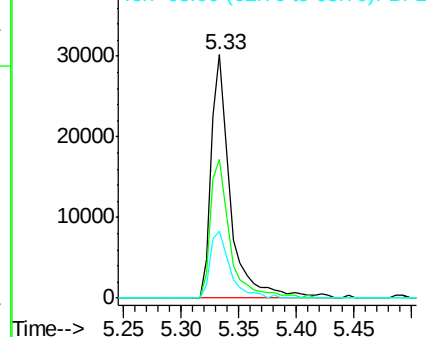
#5

2-Fluorophenol
Concen: 4.415 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113143.D
Acq: 19 Mar 2019 23:32

Tgt Ion:112 Resp: 34983
Ion Ratio Lower Upper
112 100
64 56.8 47.6 71.4
63 27.7 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: 5.442 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113143.D

Acq: 19 Mar 2019 23:32

Instrument :

BNA_F

ClientSampleId :

SB-15(1-2)-031519

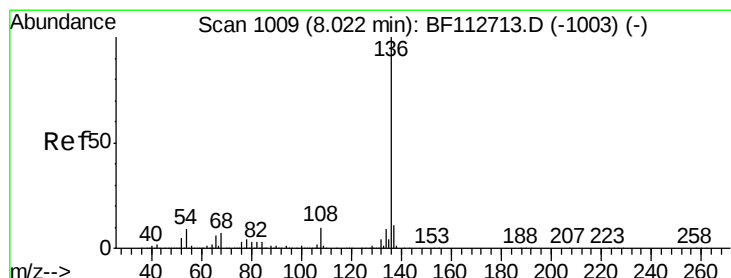
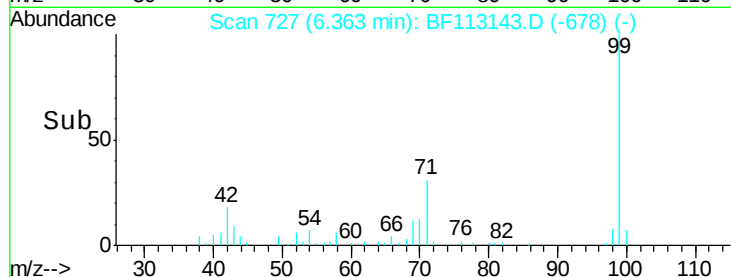
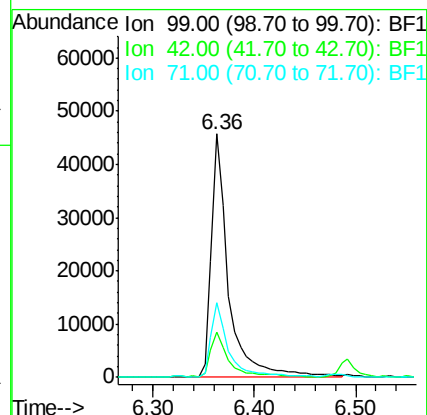
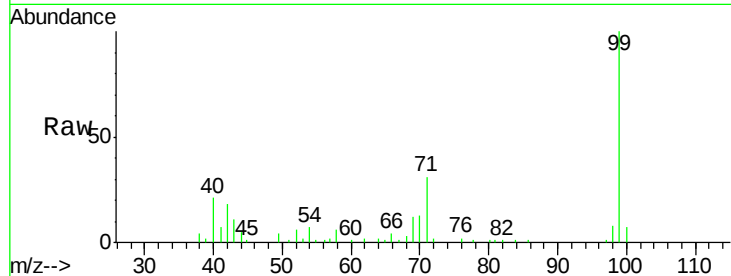
Tgt Ion: 99 Resp: 54163

Ion Ratio Lower Upper

99 100

42 18.4 16.3 24.5

71 30.8 26.2 39.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113143.D

Acq: 19 Mar 2019 23:32

Tgt Ion: 136 Resp: 442501

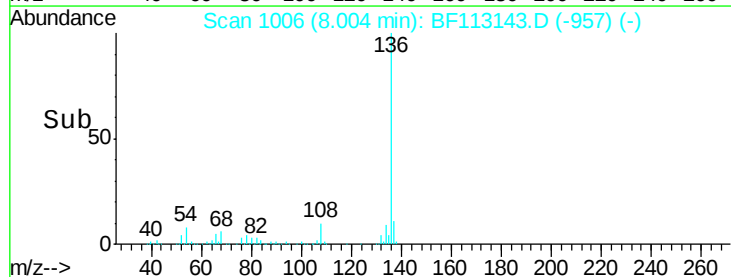
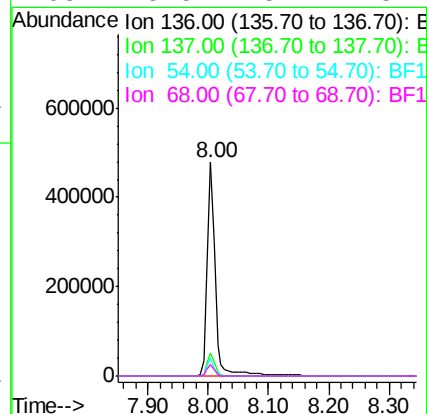
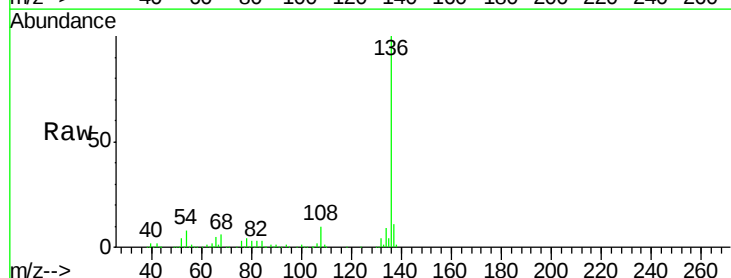
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.2 7.3 10.9

68 5.5 5.4 8.2

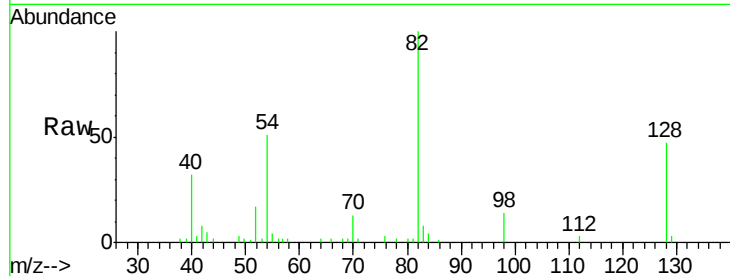




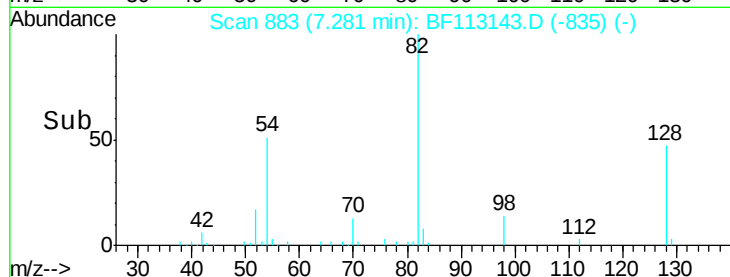
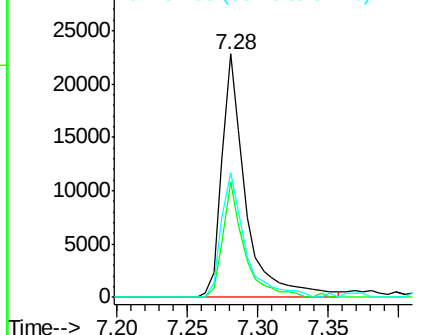
#23
 Nitrobenzene-d5
 Concen: 3.635 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF113143.D
 Acq: 19 Mar 2019 23:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-15(1-2)-031519

Tgt Ion: 82 Resp: 26883
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.3 54.5
 54 51.4 43.7 65.5

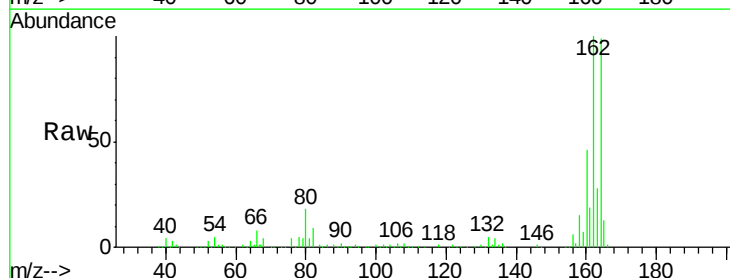


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

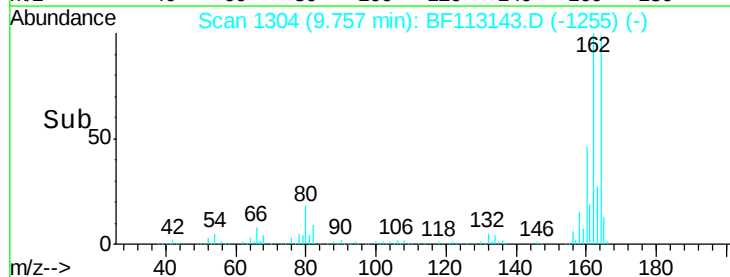
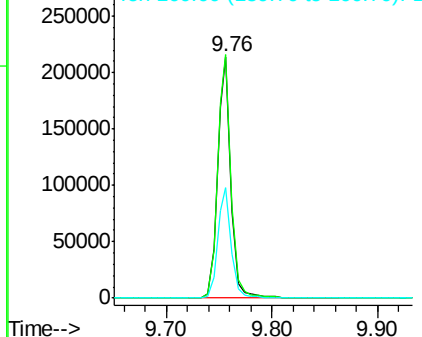


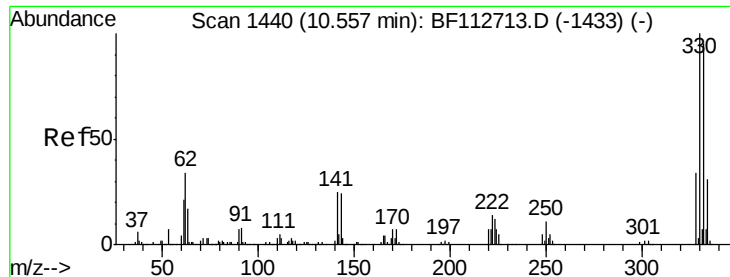
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113143.D
 Acq: 19 Mar 2019 23:32

Tgt Ion: 164 Resp: 190346
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.6 120.8
 160 45.9 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: 5.202 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF113143.D

Acq: 19 Mar 2019 23:32

Instrument :

BNA_F

ClientSampleId :

SB-15(1-2)-031519

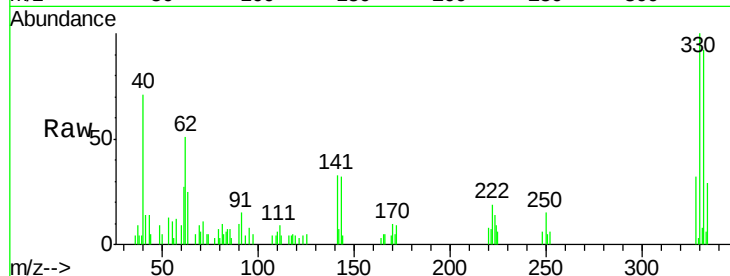
Tgt Ion:330 Resp: 10512

Ion Ratio Lower Upper

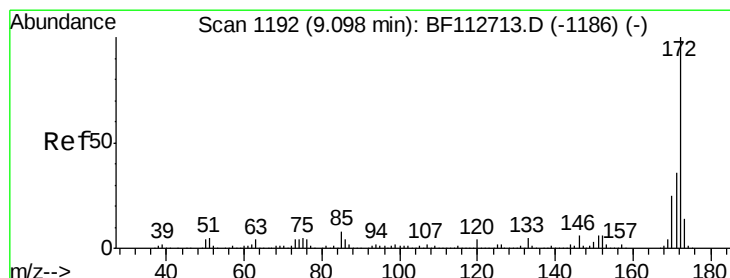
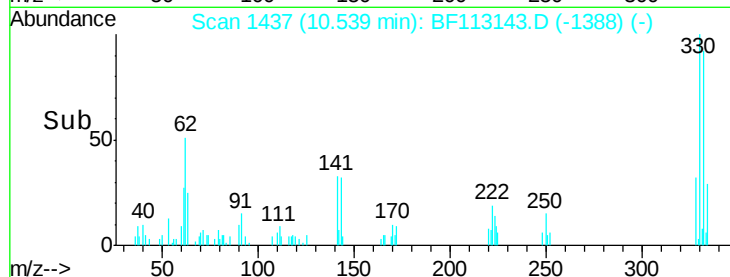
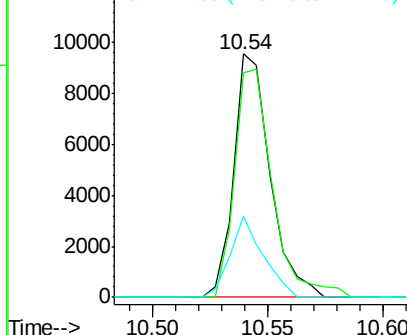
330 100

332 97.7 76.2 114.4

141 29.8 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: 2.841 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113143.D

Acq: 19 Mar 2019 23:32

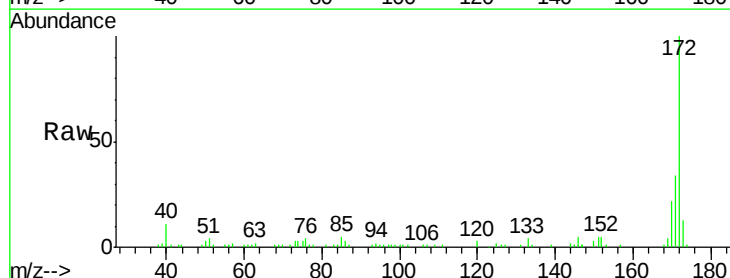
Tgt Ion:172 Resp: 61086

Ion Ratio Lower Upper

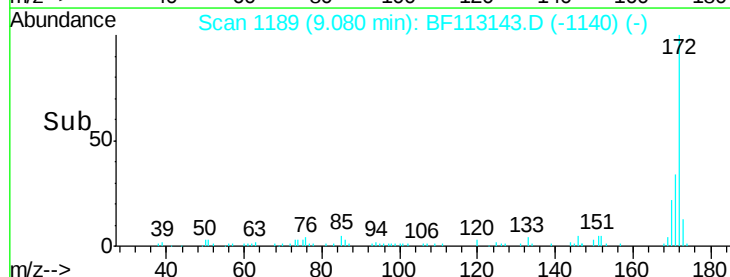
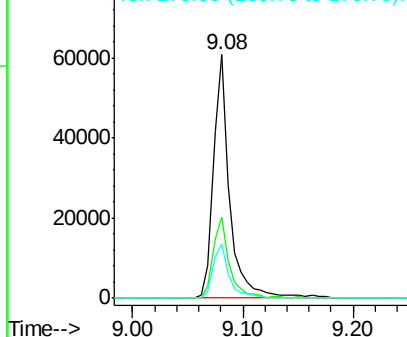
172 100

171 33.5 29.0 43.4

170 22.2 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

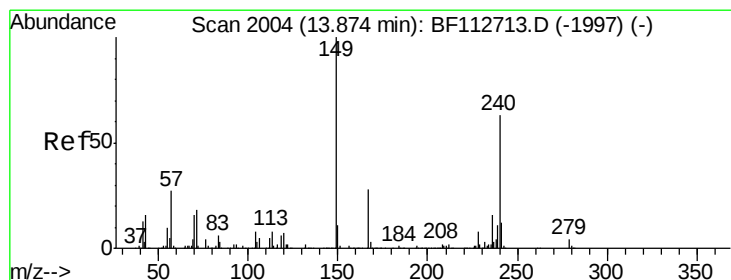
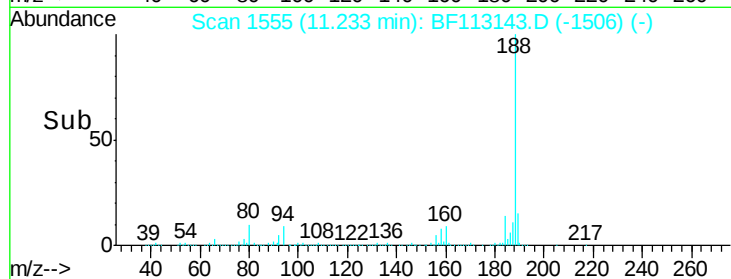
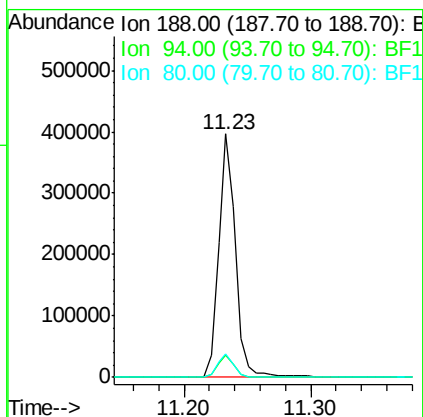
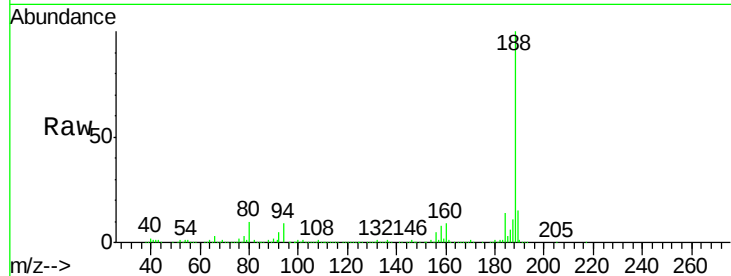




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113143.D
Acq: 19 Mar 2019 23:32

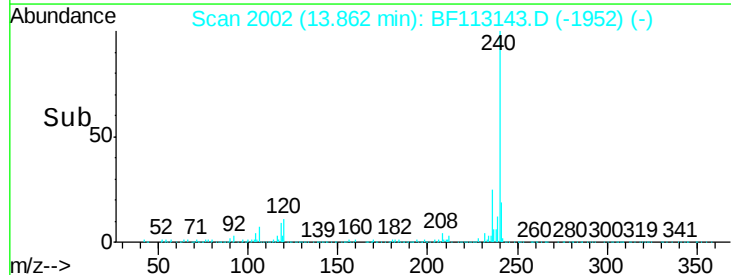
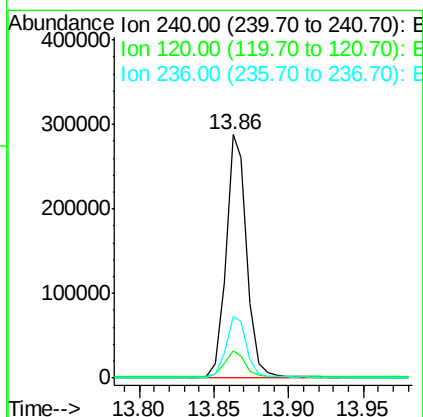
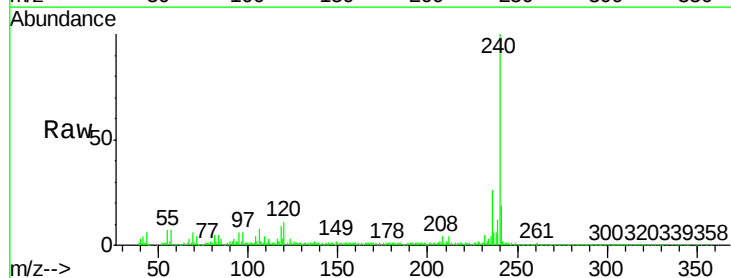
Instrument :
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SB-15(1-2)-031519

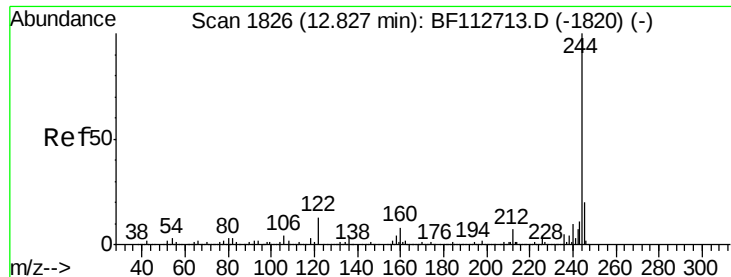
Tgt Ion:188 Resp: 369472
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.6 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113143.D
Acq: 19 Mar 2019 23:32

Tgt Ion:240 Resp: 282097
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 4.544 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113143.D

Acq: 19 Mar 2019 23:32

Instrument :

BNA_F

ClientSampleId :

SB-15(1-2)-031519

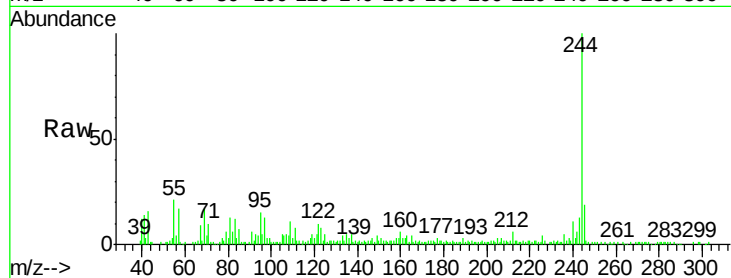
Tgt Ion:244 Resp: 66121

Ion Ratio Lower Upper

244 100

212 5.9 5.6 8.4

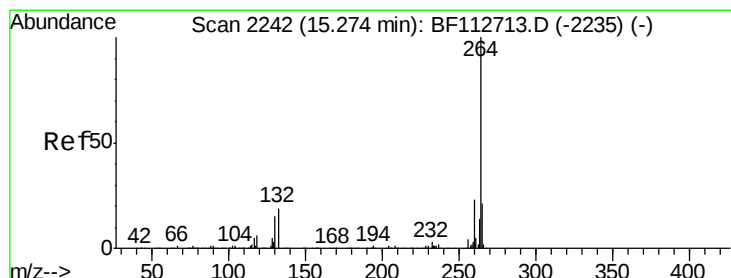
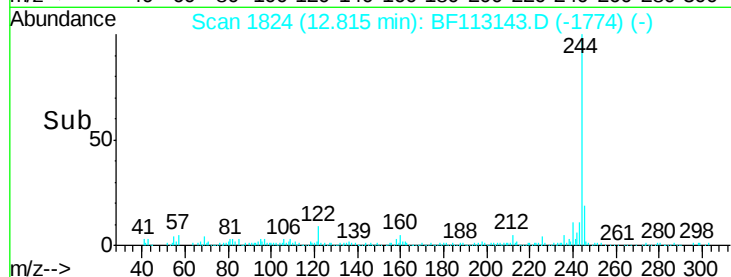
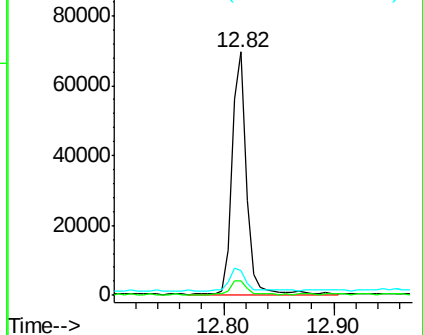
122 10.4 10.5 15.7#



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: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113143.D

Acq: 19 Mar 2019 23:32

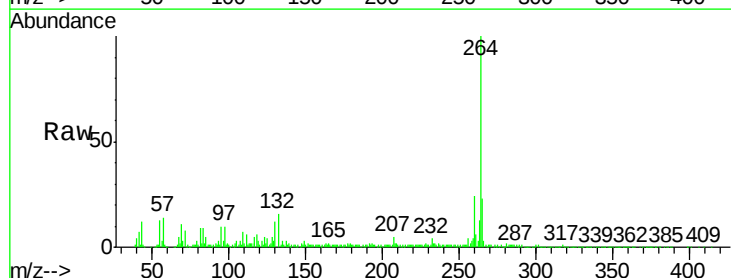
Tgt Ion:264 Resp: 230357

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.5 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

