

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
 Data File : BF113235.D
 Acq On : 22 Mar 2019 15:28
 Operator : JU/SJ
 Sample : K2018-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A

Quant Time: Mar 23 00:05:38 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

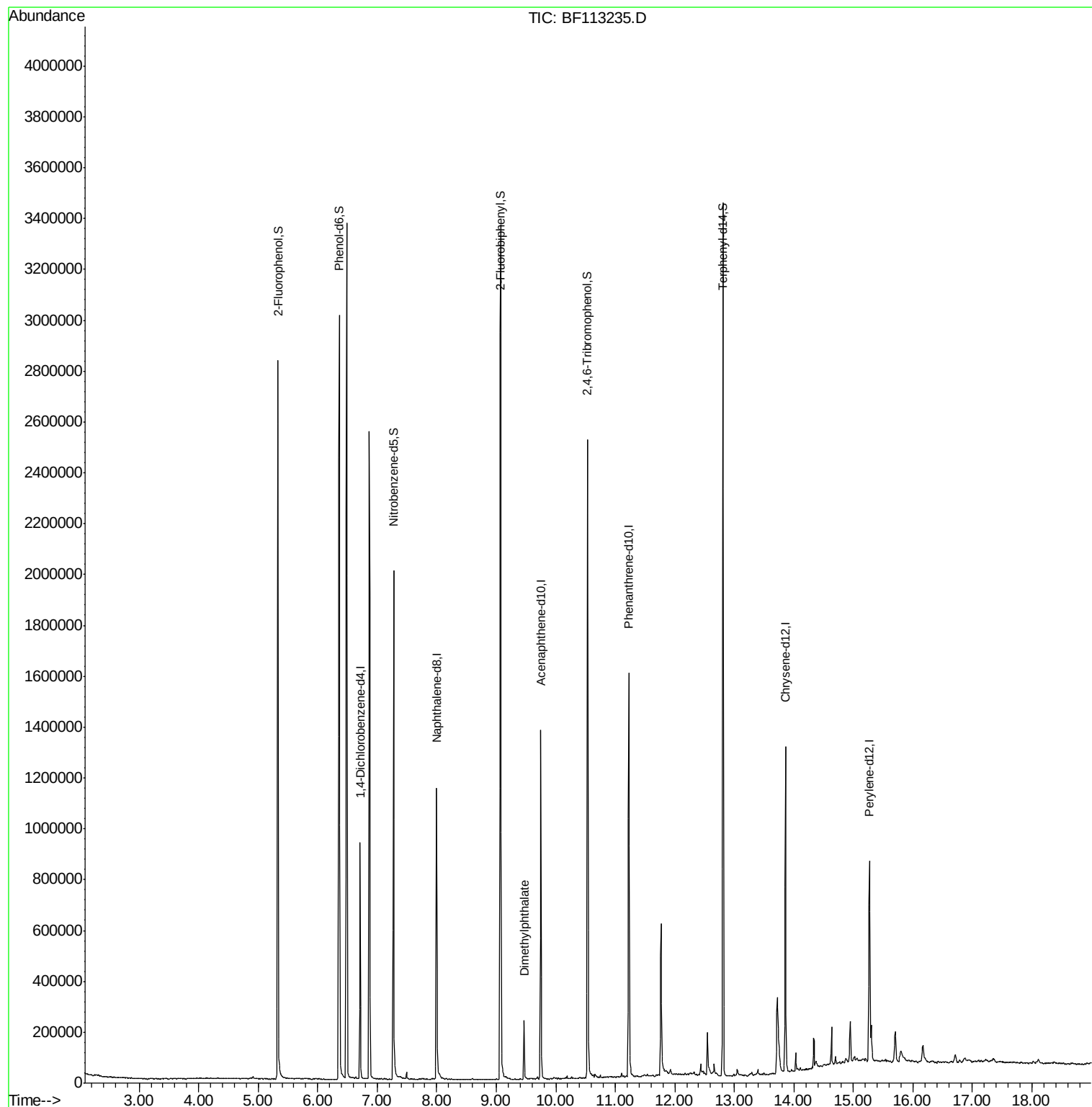
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	153094	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	619341	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	295698	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	620764	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	445898	20.00	ng	-0.01
87) Perylene-d12	15.27	264	367498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	863237	87.71	ng	-0.01
7) Phenol-d6	6.36	99	1113420	90.06	ng	-0.01
23) Nitrobenzene-d5	7.27	82	682684	65.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	379349	120.84	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1159512	60.14	ng	-0.02
79) Terphenyl-d14	12.81	244	1239122	53.87	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.47	163	110375	5.062	ng	Qvalue 99

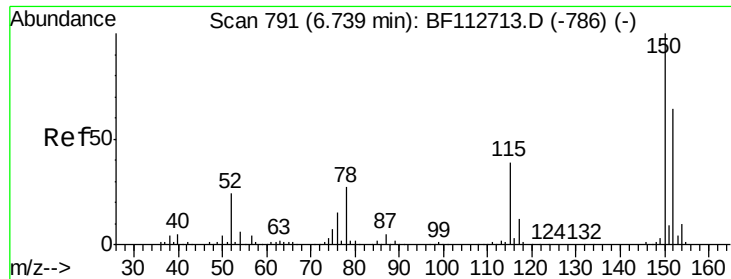
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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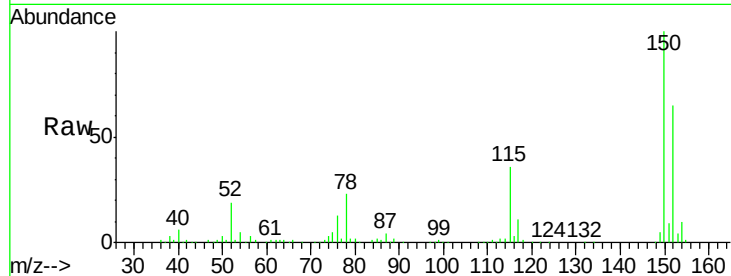


#1

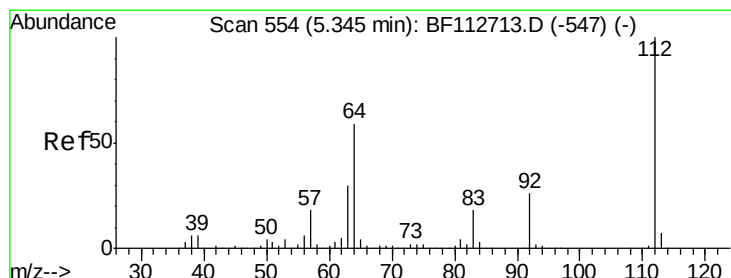
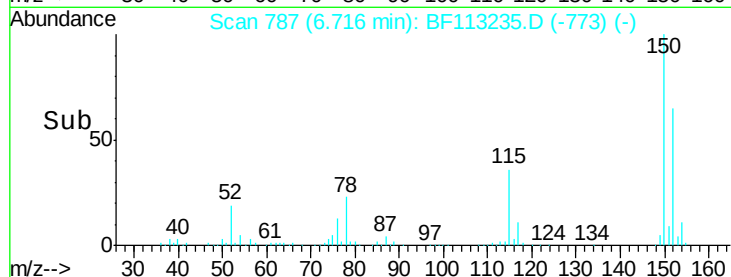
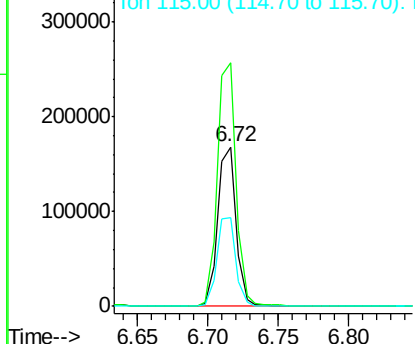
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113235.D
Acq: 22 Mar 2019 15:28

Instrument :
BNA_F
ClientSampleId :
SP-1-A

Tgt Ion:152 Resp: 153094
Ion Ratio Lower Upper
152 100
150 152.7 124.2 186.2
115 55.7 48.2 72.4



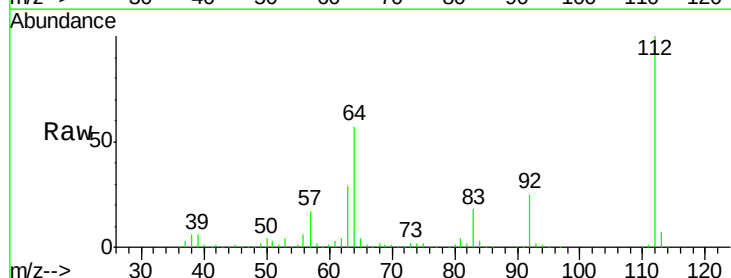
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



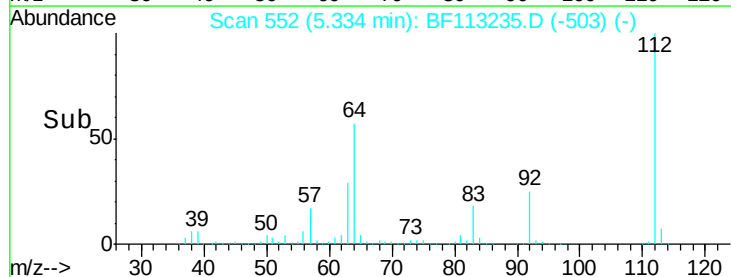
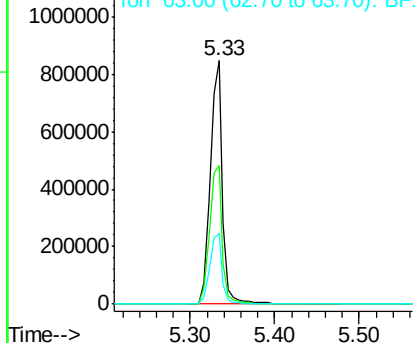
#5

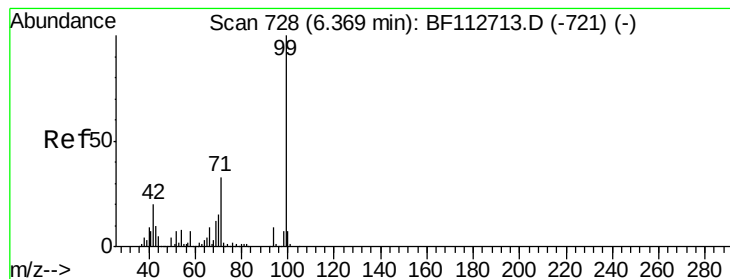
2-Fluorophenol
Concen: 87.711 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113235.D
Acq: 22 Mar 2019 15:28

Tgt Ion:112 Resp: 863237
Ion Ratio Lower Upper
112 100
64 57.0 47.6 71.4
63 29.3 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: 90.061 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113235.D

Acq: 22 Mar 2019 15:28

Instrument :

BNA_F

ClientSampleId :

SP-1-A

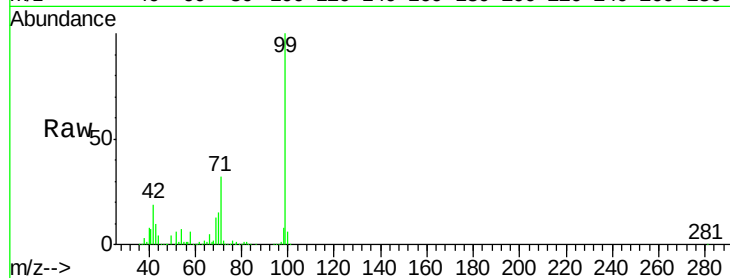
Tgt Ion: 99 Resp: 1113420

Ion Ratio Lower Upper

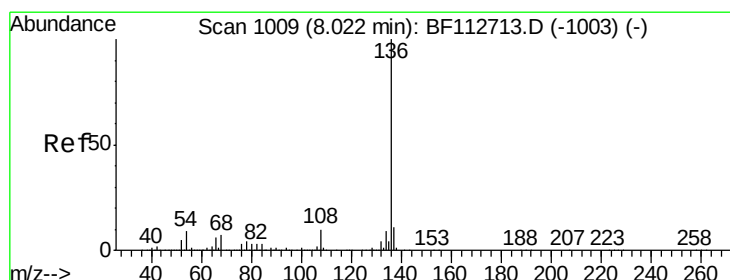
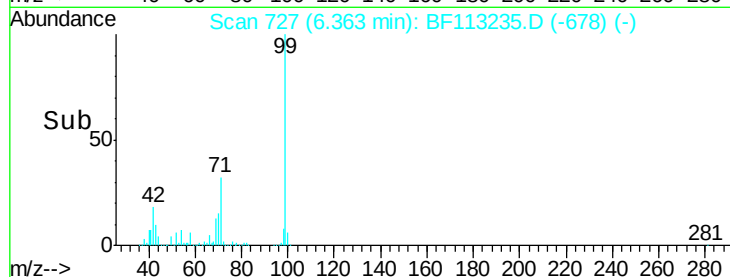
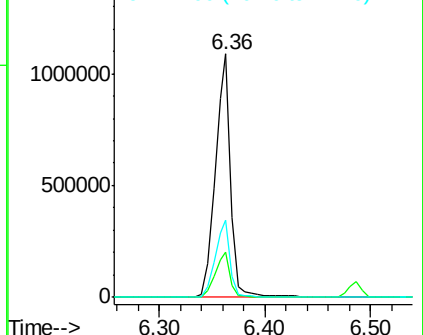
99 100

42 18.5 16.3 24.5

71 31.5 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: 8.00 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF113235.D

Acq: 22 Mar 2019 15:28

Tgt Ion: 136 Resp: 619341

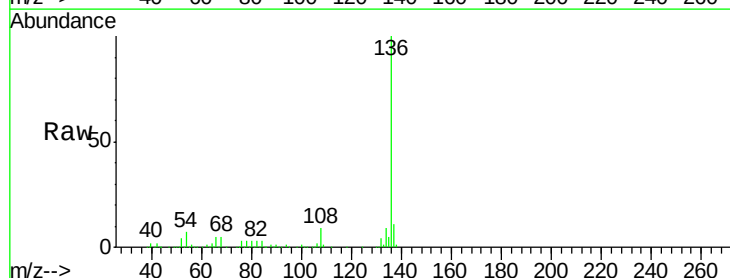
Ion Ratio Lower Upper

136 100

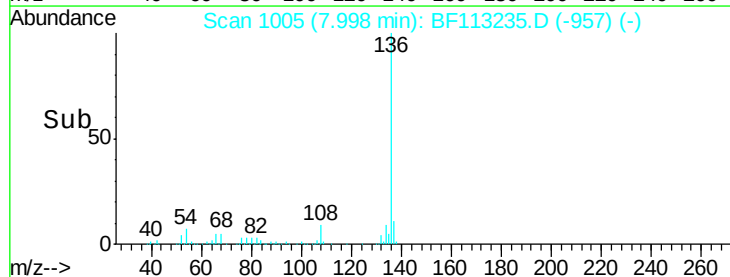
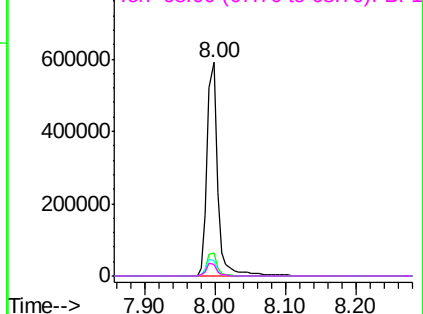
137 10.8 8.9 13.3

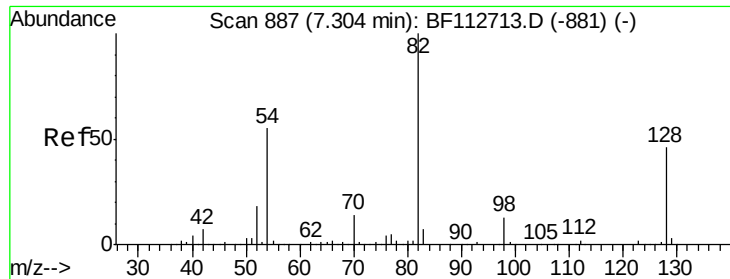
54 7.5 7.3 10.9

68 5.3 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

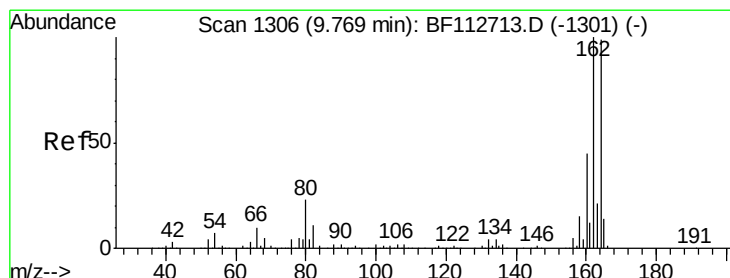
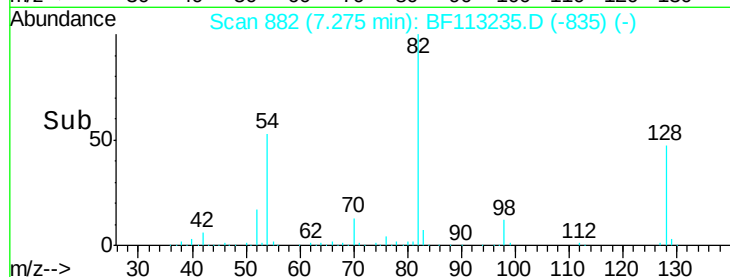
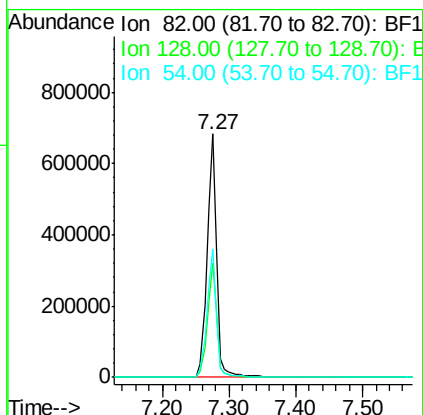
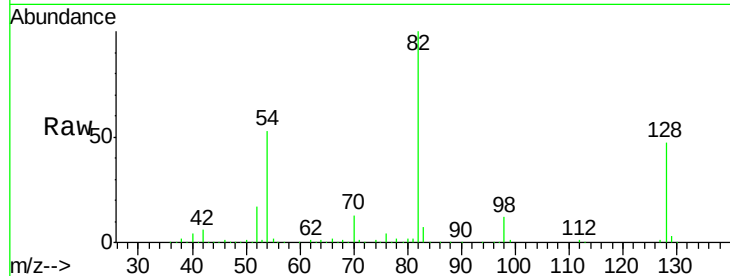




#23
Nitrobenzene-d5
Concen: 65.958 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113235.D
Acq: 22 Mar 2019 15:28

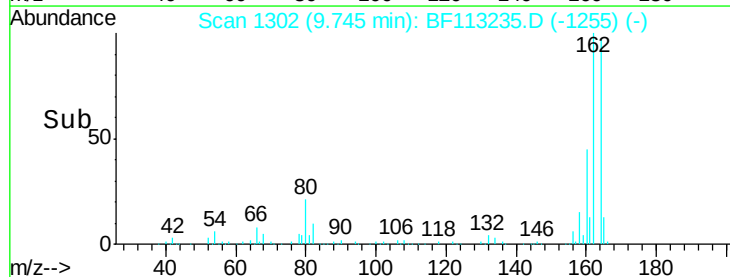
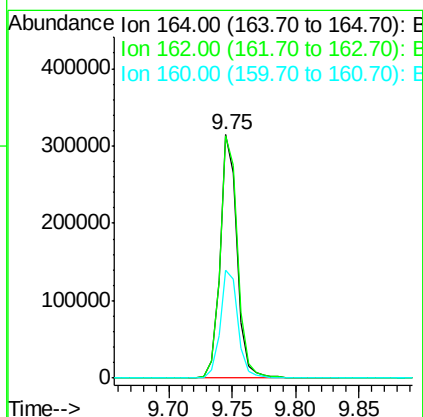
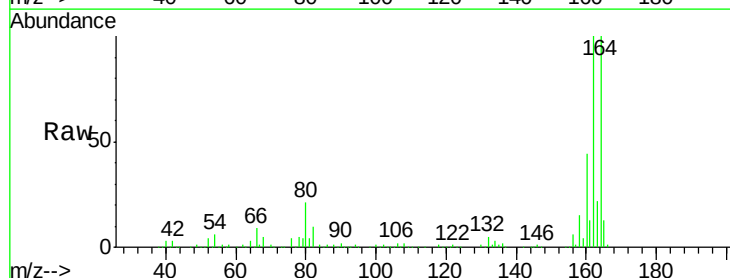
Instrument :
BNA_F
ClientSampled :
SP-1-A

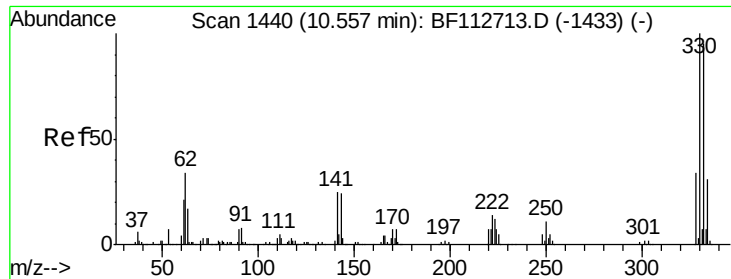
Tgt Ion: 82 Resp: 682684
Ion Ratio Lower Upper
82 100
128 46.7 36.3 54.5
54 52.6 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113235.D
Acq: 22 Mar 2019 15:28

Tgt Ion: 164 Resp: 295698
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 44.5 36.0 54.0

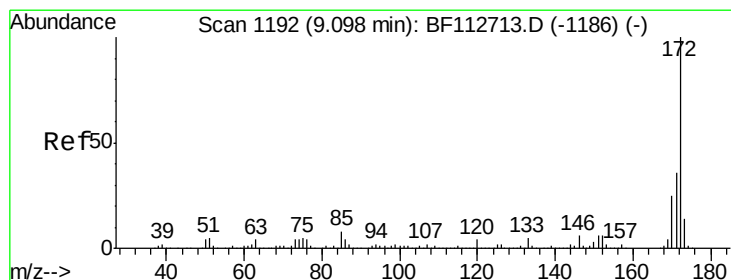
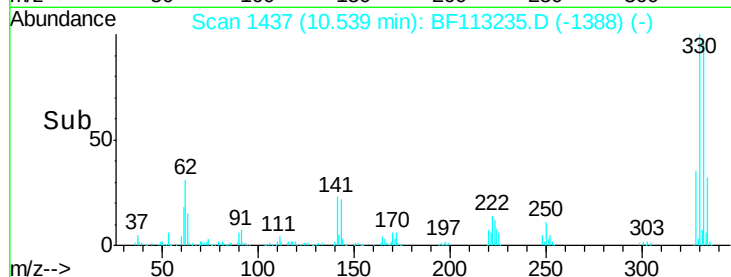
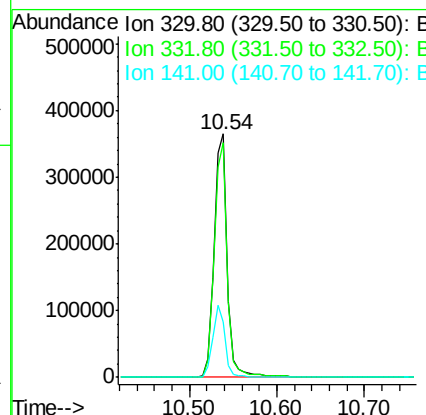
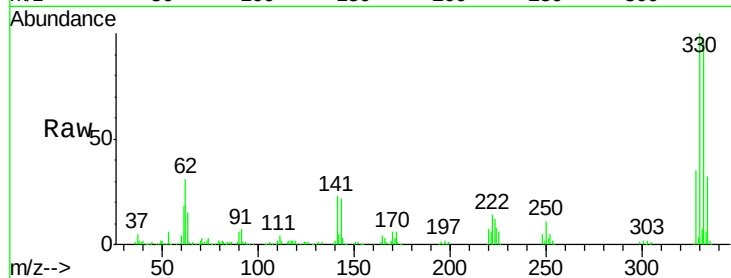




#42
 2,4,6-Tribromophenol
 Concen: 120.842 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113235.D
 Acq: 22 Mar 2019 15:28

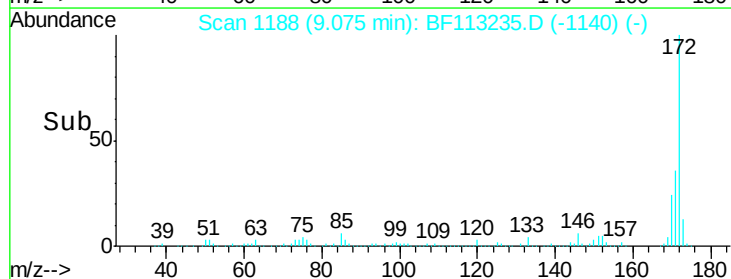
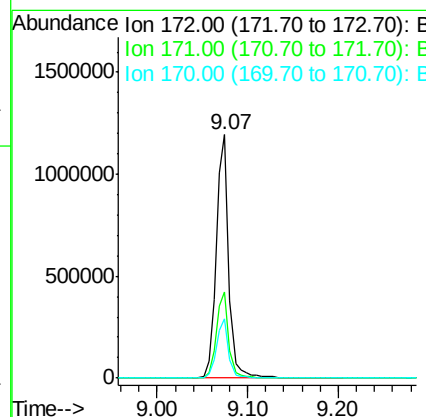
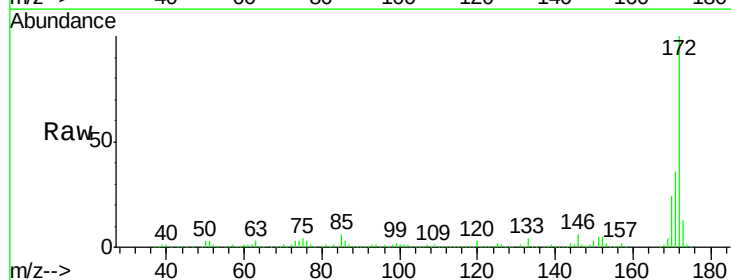
Instrument :
 BNA_F
 ClientSampled :
 SP-1-A

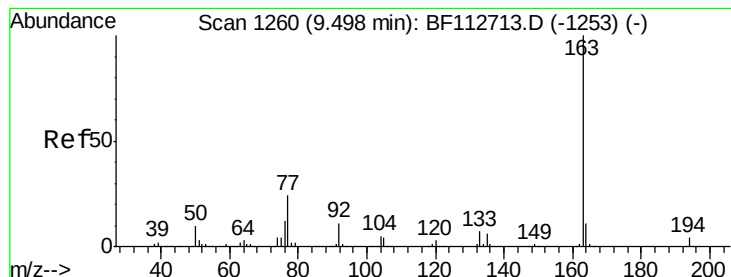
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	28.4	27.0	40.6



#45
 2-Fluorobiphenyl
 Concen: 60.145 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF113235.D
 Acq: 22 Mar 2019 15:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.1	20.0	30.0





#50

Dimethylphthalate

Concen: 5.062 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.03 min

Lab File: BF113235.D

Acq: 22 Mar 2019 15:28

Instrument :

BNA_F

ClientSampleId :

SP-1-A

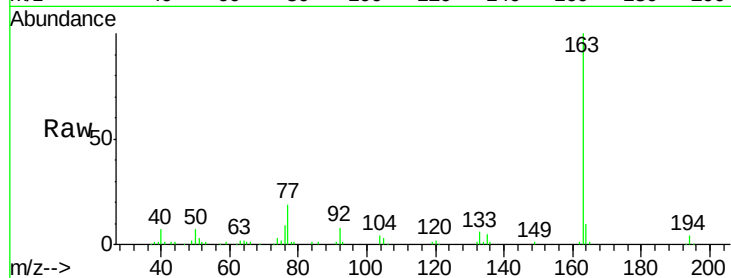
Tgt Ion:163 Resp: 110375

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

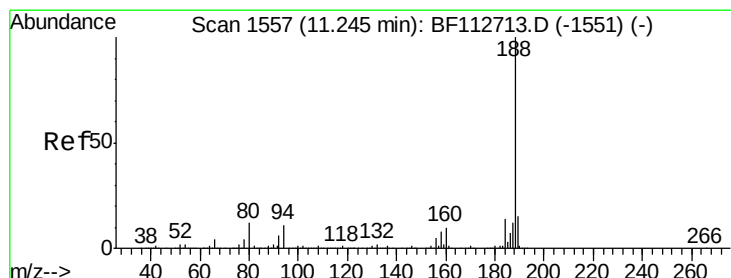
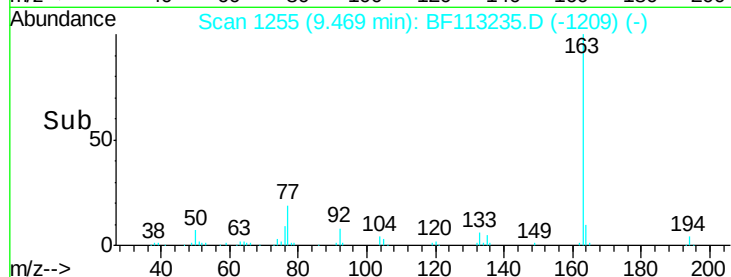
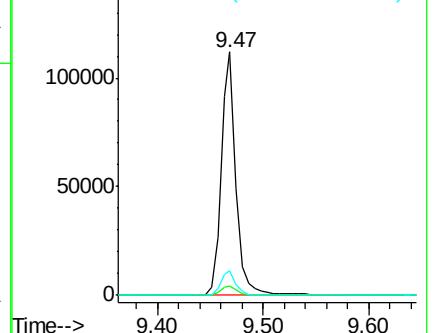
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF113235.D

Acq: 22 Mar 2019 15:28

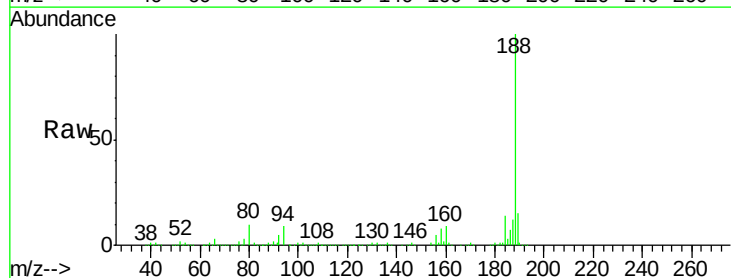
Tgt Ion:188 Resp: 620764

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.4

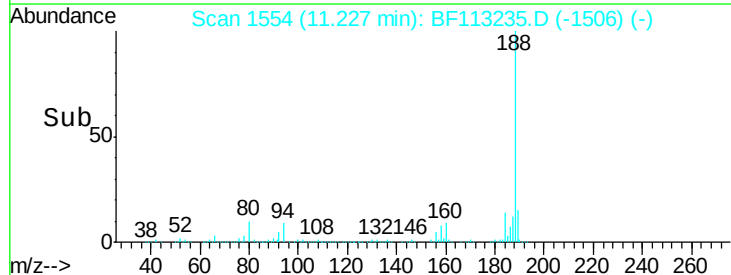
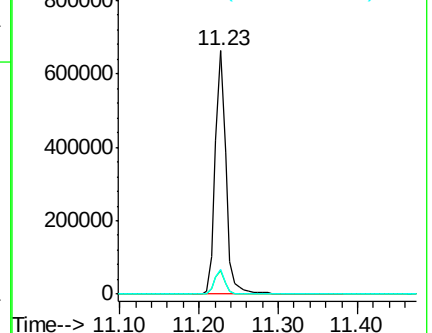
80 10.0 9.2 13.8

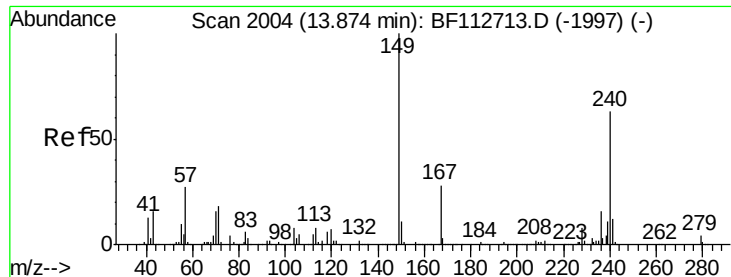


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF113235.D

Acq: 22 Mar 2019 15:28

Instrument :

BNA_F

ClientSampleId :

SP-1-A

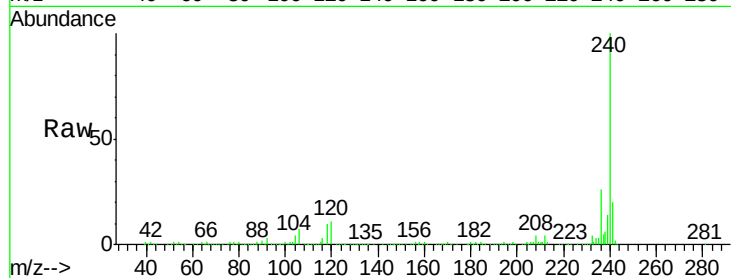
Tgt Ion:240 Resp: 445898

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

236 26.0 20.7 31.1

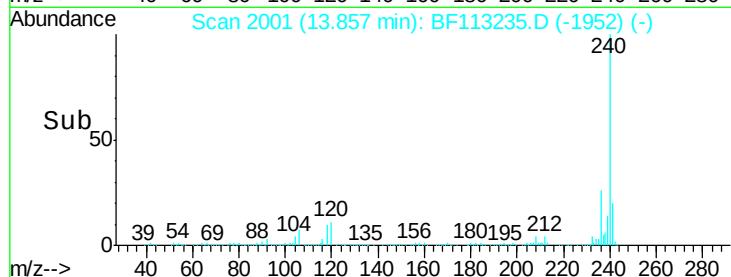


Abundance Ion 240.00 (239.70 to 240.70): E

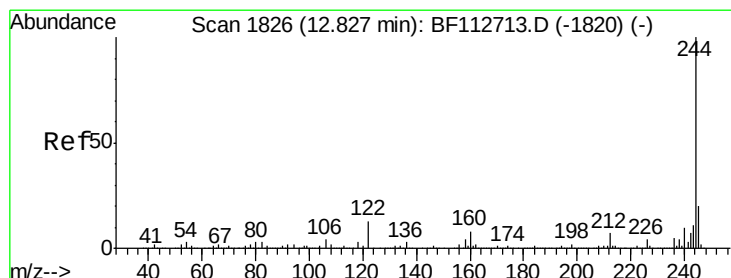
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.86



Time-->



#79

Terphenyl-d14

Concen: 53.870 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF113235.D

Acq: 22 Mar 2019 15:28

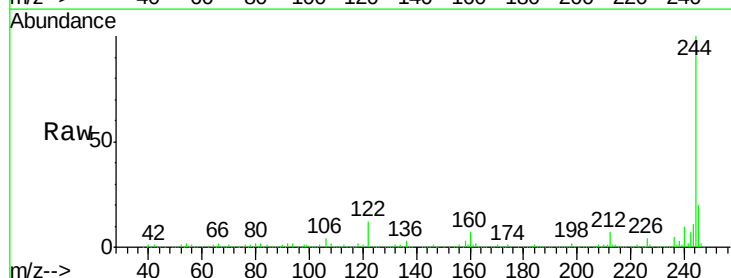
Tgt Ion:244 Resp: 1239122

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.6 10.5 15.7

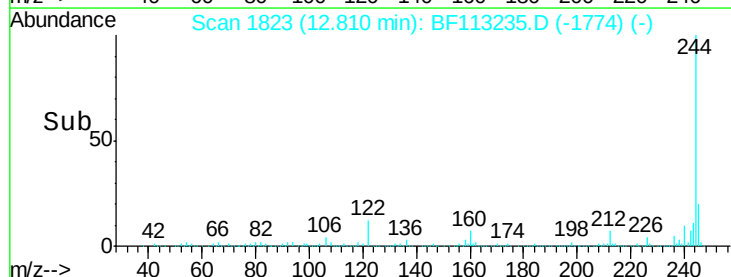


Abundance Ion 244.00 (243.70 to 244.70): E

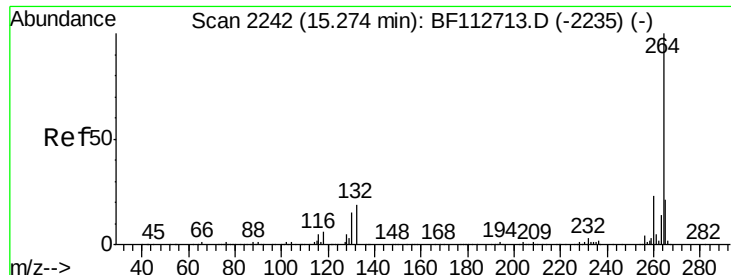
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.81



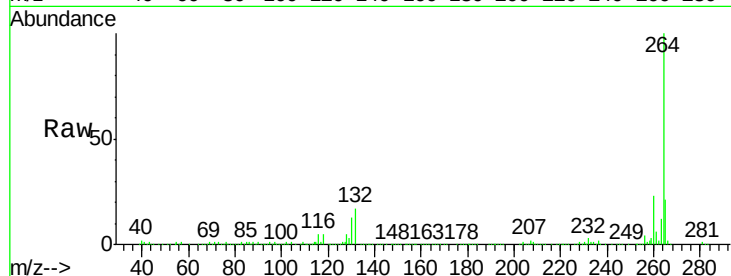
Time-->



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113235.D
Acq: 22 Mar 2019 15:28

Instrument :
BNA_F
ClientSampleId :
SP-1-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.5	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

