

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113008.D
 Acq On : 12 Mar 2019 17:42
 Operator : JU/SJ
 Sample : K1697-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-031119-A

Quant Time: Mar 13 04:25:16 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	172524	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	662797	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	286798	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	505394	20.00	ng	0.00
76) Chrysene-d12	13.86	240	510928	20.00	ng	0.00
87) Perylene-d12	15.27	264	442781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	174661	15.75	ng	-0.01
7) Phenol-d6	6.36	99	241253	17.32	ng	-0.01
23) Nitrobenzene-d5	7.29	82	124679	11.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	58610	19.25	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	279151	12.01	ng	0.00
79) Terphenyl-d14	12.82	244	261952	9.94	ng	0.00

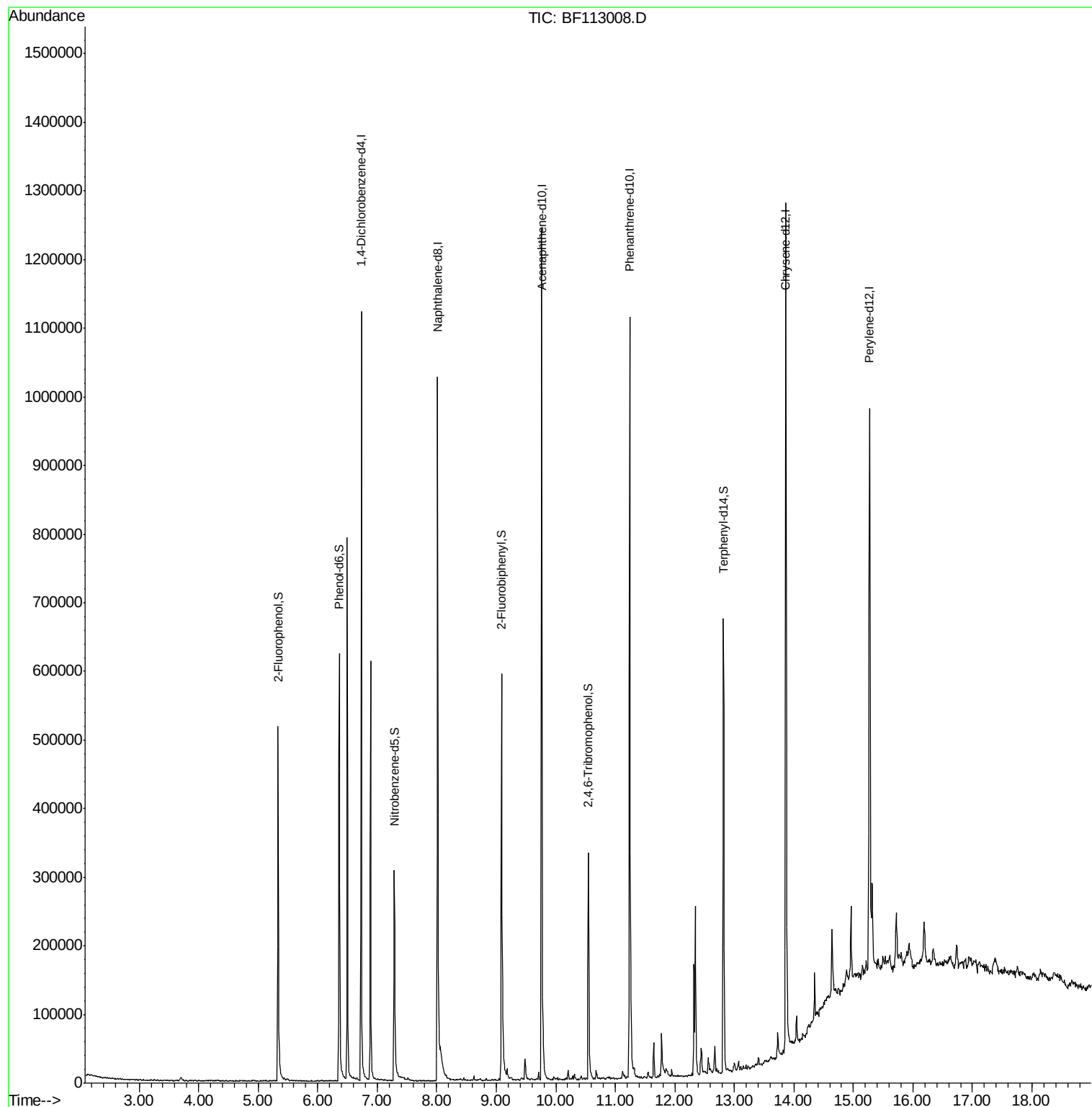
Target Compounds Qvalue

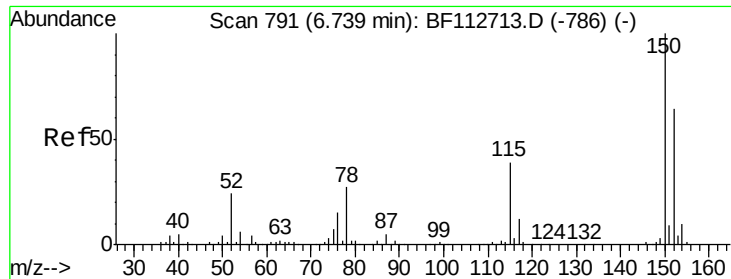
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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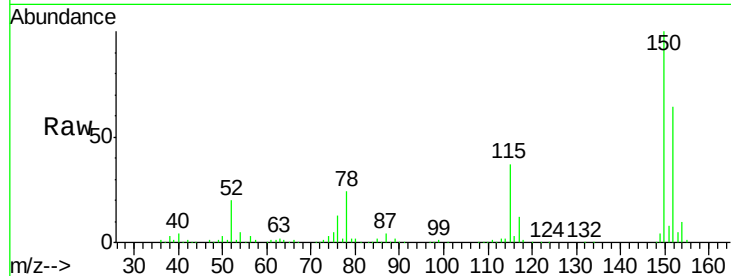


#1

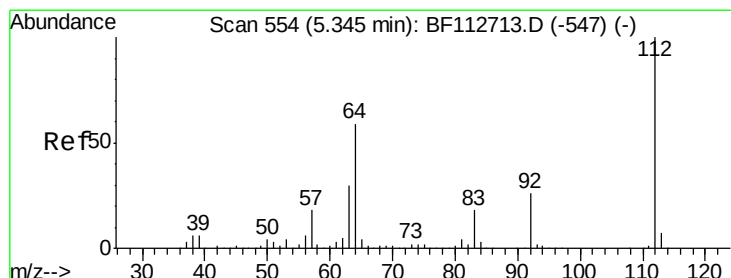
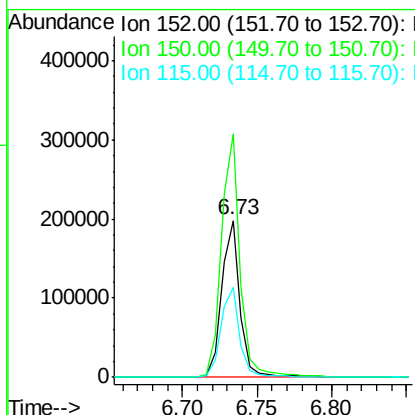
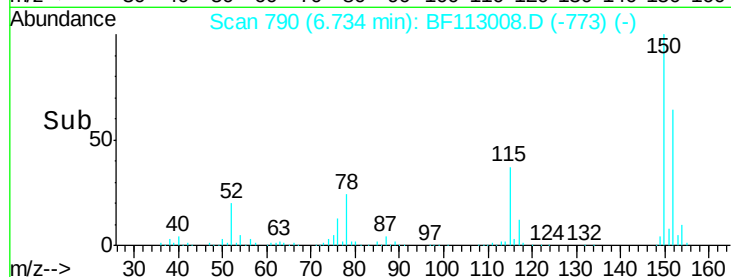
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113008.D
Acq: 12 Mar 2019 17:42

Instrument :
BNA_F
ClientSampleId :
SU-03-031119-A

Tot Ion:152 Resp: 172524
Ion Ratio Lower Upper
152 100
150 155.4 124.2 186.2
115 57.6 48.2 72.4



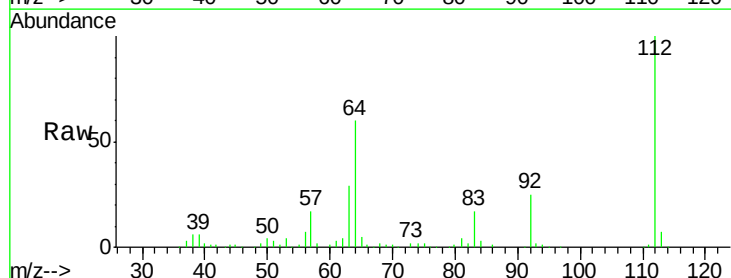
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



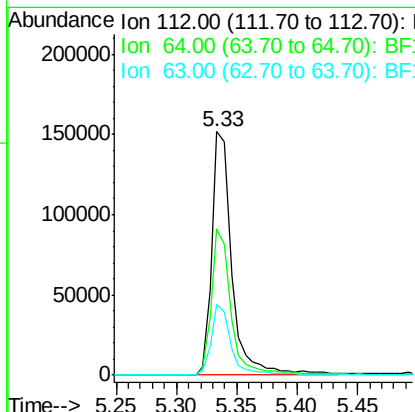
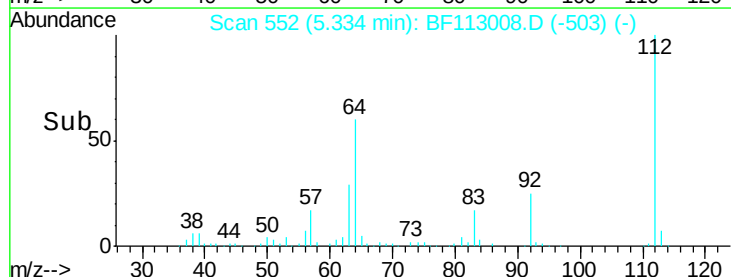
#5

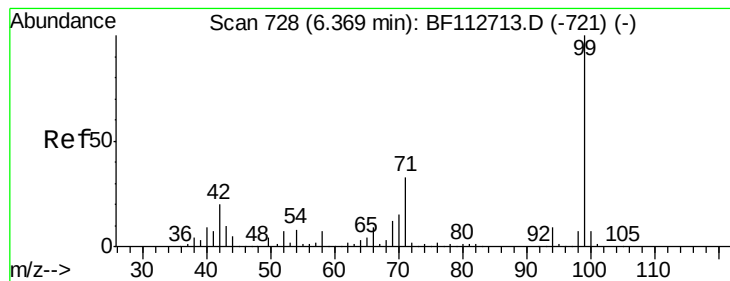
2-Fluorophenol
Concen: 15.748 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113008.D
Acq: 12 Mar 2019 17:42

Tgt Ion:112 Resp: 174661
Ion Ratio Lower Upper
112 100
64 60.1 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: 17.316 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113008.D

Acq: 12 Mar 2019 17:42

Instrument :

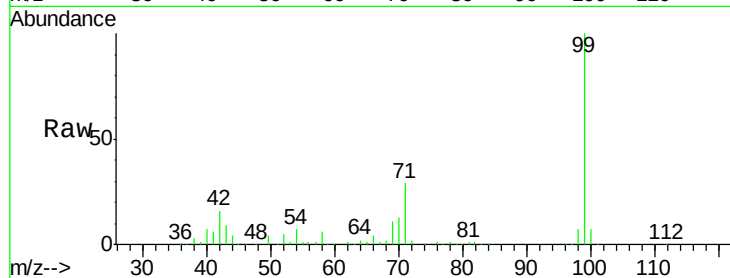
BNA_F

ClientSampleId :

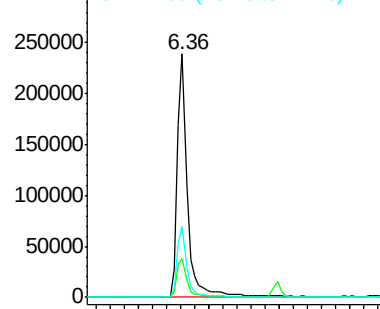
SU-03-031119-A

Tot Ion: 99 Resp: 241253

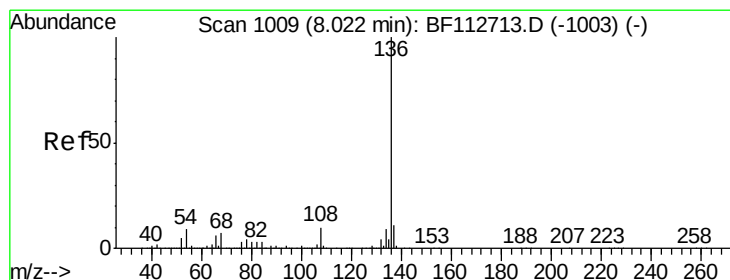
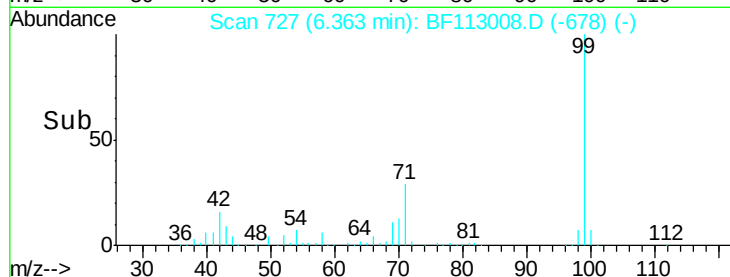
Ion	Ratio	Lower	Upper
99	100		
42	16.1	16.3	24.5#
71	29.3	26.2	39.4



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

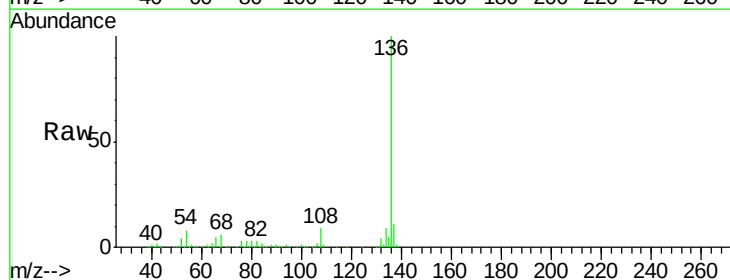
Delta R.T. -0.00 min

Lab File: BF113008.D

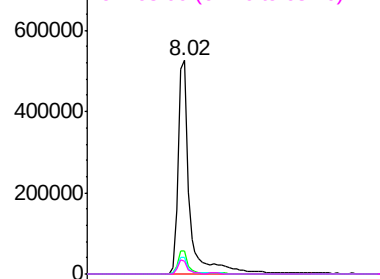
Acq: 12 Mar 2019 17:42

Tgt Ion: 136 Resp: 662797

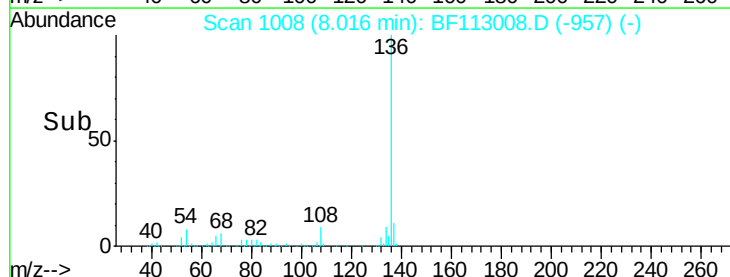
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.6	7.3	10.9
68	5.9	5.4	8.2

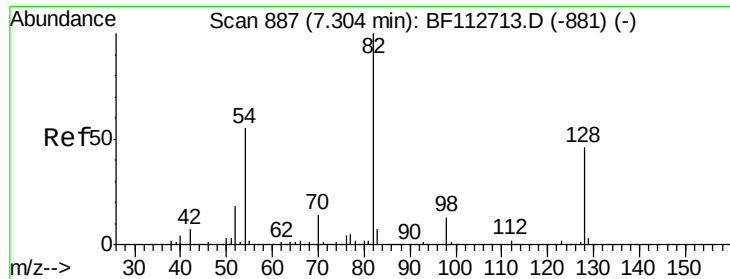


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->

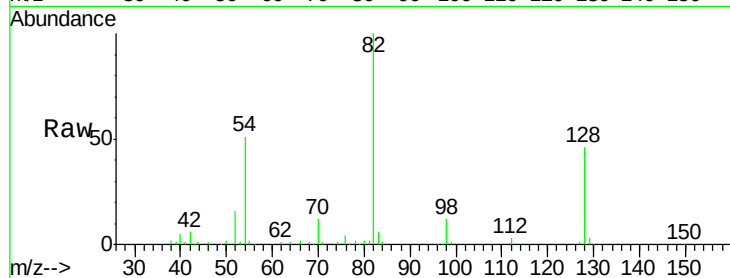




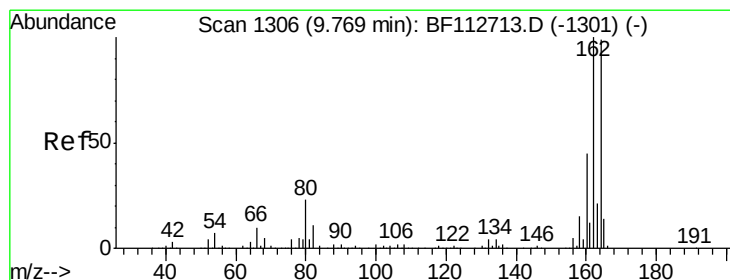
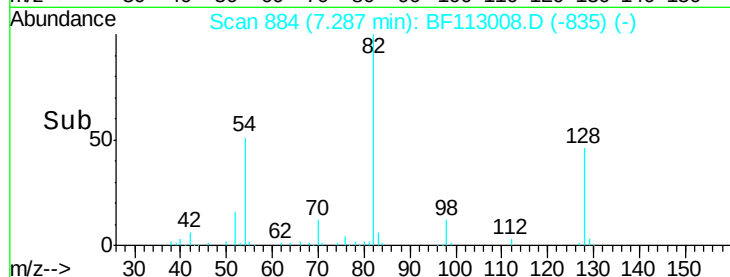
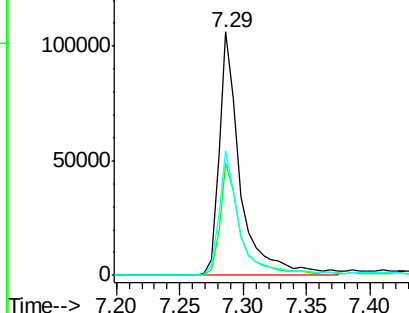
#23
Nitrobenzene-d5
Concen: 11.256 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113008.D
Acq: 12 Mar 2019 17:42

Instrument :
BNA_F
ClientSampleId :
SU-03-031119-A

Tot Ion: 82 Resp: 124679
Ion Ratio Lower Upper
82 100
128 45.7 36.3 54.5
54 50.9 43.7 65.5

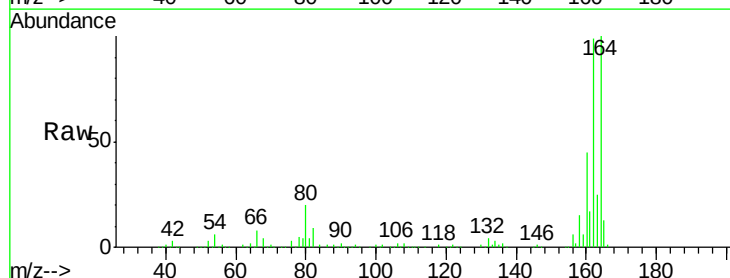


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

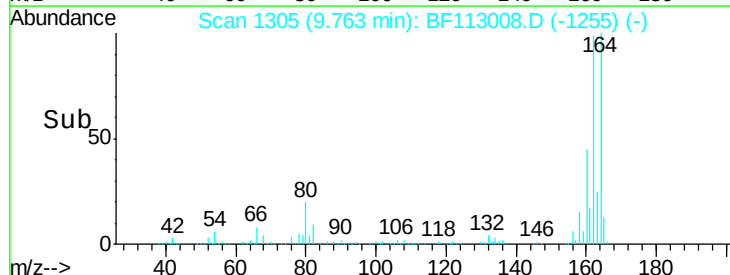
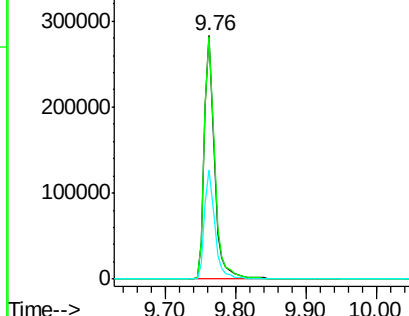


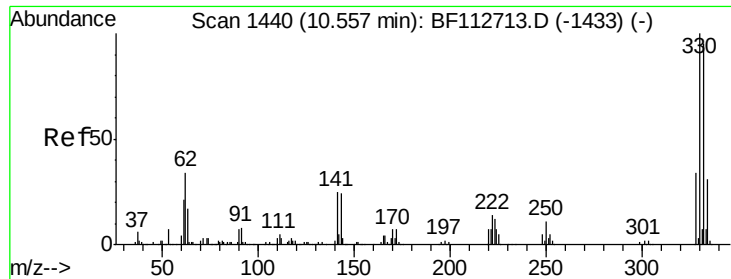
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113008.D
Acq: 12 Mar 2019 17:42

Tgt Ion: 164 Resp: 286798
Ion Ratio Lower Upper
164 100
162 99.4 80.6 120.8
160 45.1 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: 19.250 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF113008.D

Acq: 12 Mar 2019 17:42

Instrument :

BNA_F

ClientSampleId :

SU-03-031119-A

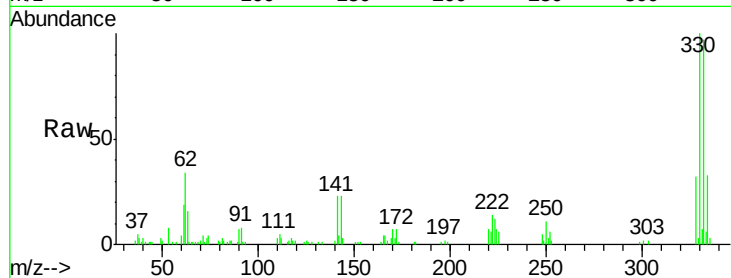
Tot Ion:330 Resp: 58610

Ion Ratio Lower Upper

330 100

332 96.7 76.2 114.4

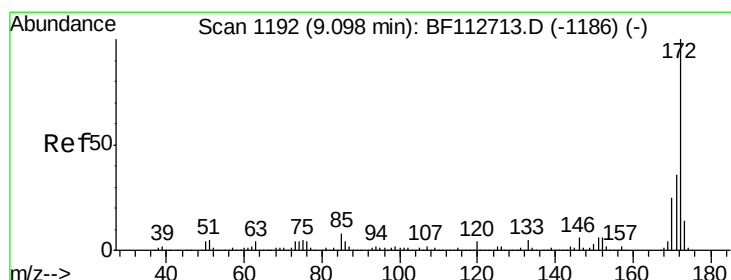
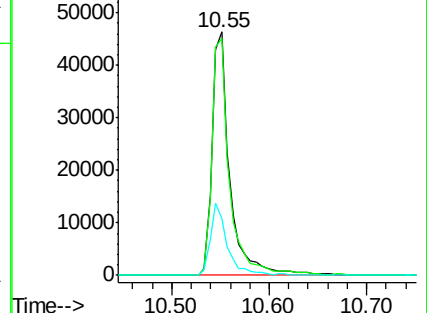
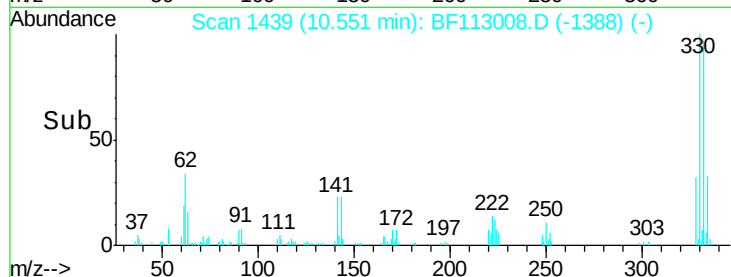
141 27.4 27.0 40.6



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: 12.011 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF113008.D

Acq: 12 Mar 2019 17:42

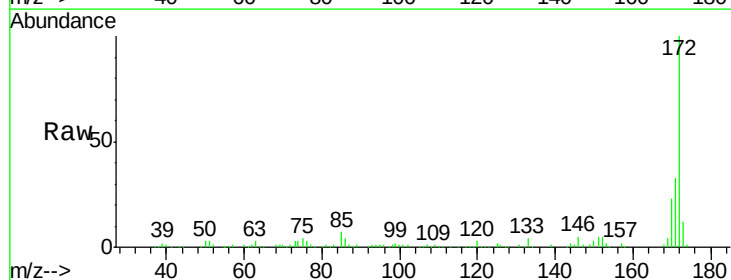
Tgt Ion:172 Resp: 279151

Ion Ratio Lower Upper

172 100

171 33.1 29.0 43.4

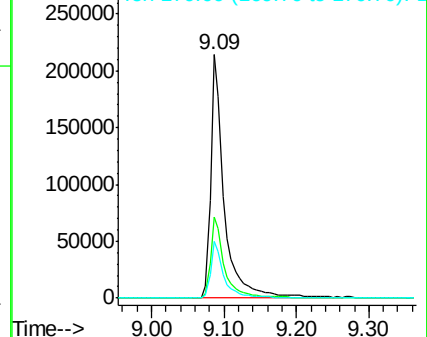
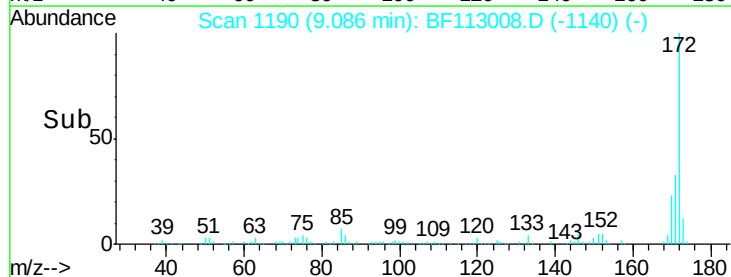
170 23.1 20.0 30.0

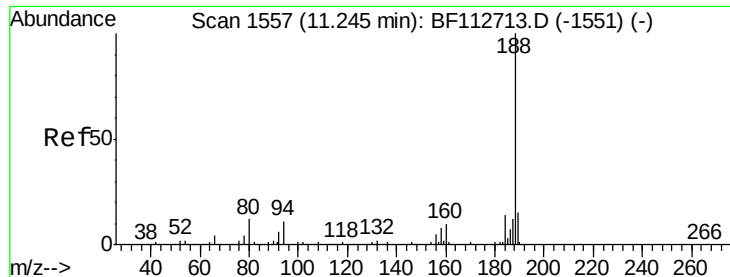


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

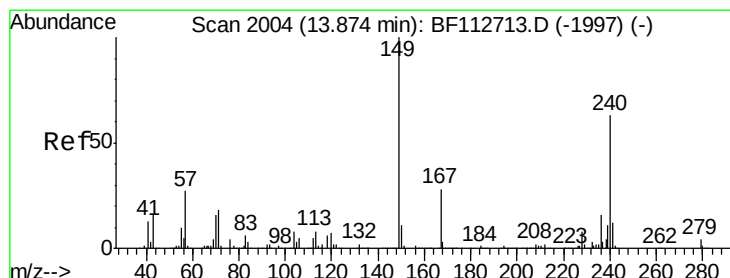
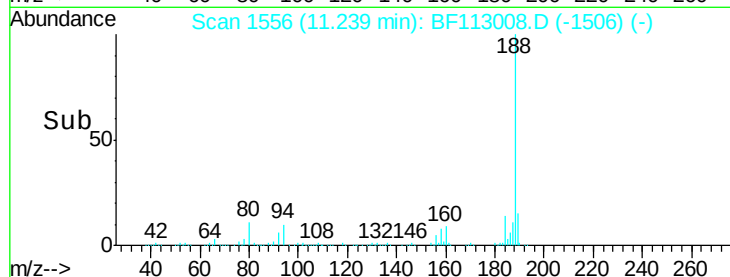
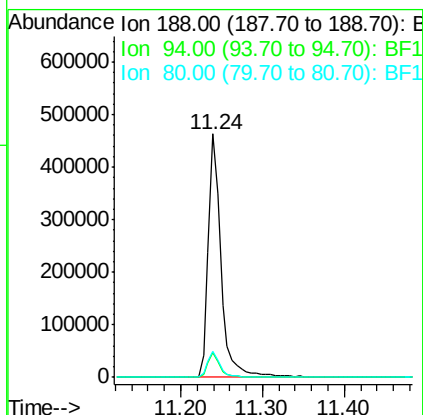
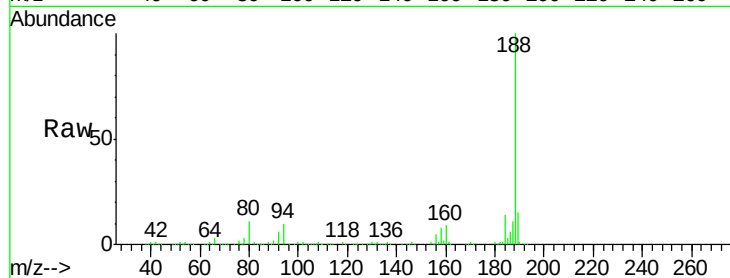




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113008.D
Acq: 12 Mar 2019 17:42

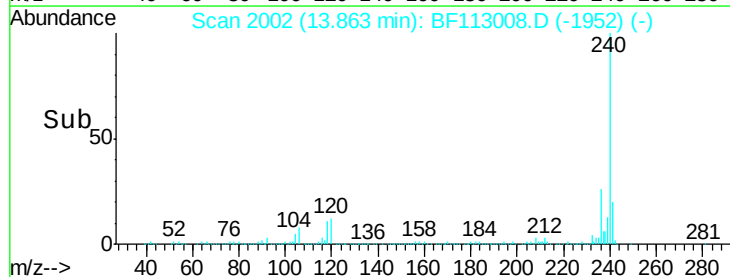
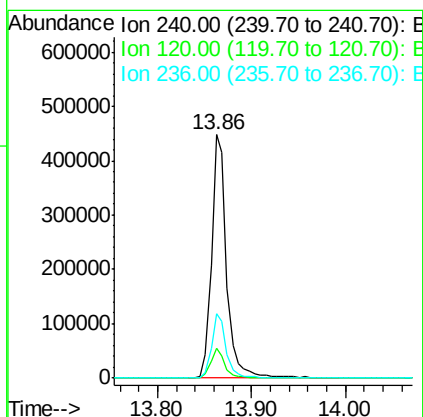
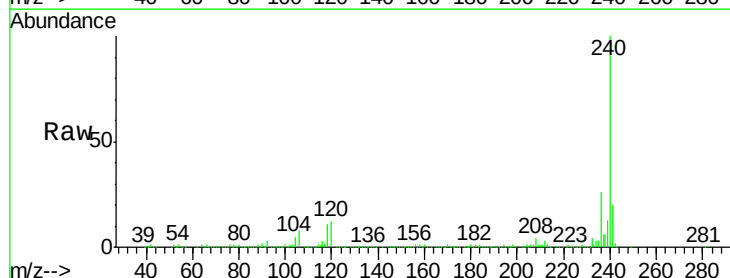
Instrument :
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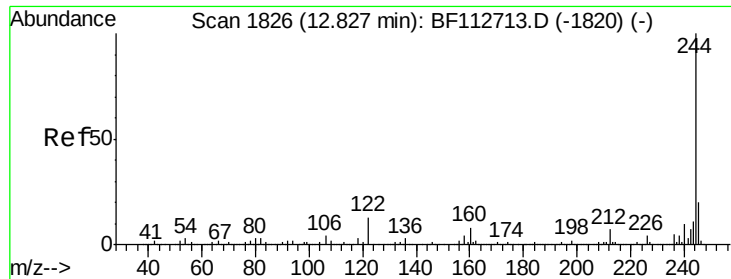
Tot Ion:188 Resp: 505394
Ion Ratio Lower Upper
188 100
94 10.2 9.0 13.4
80 10.6 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113008.D
Acq: 12 Mar 2019 17:42

Tgt Ion:240 Resp: 510928
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 26.5 20.7 31.1

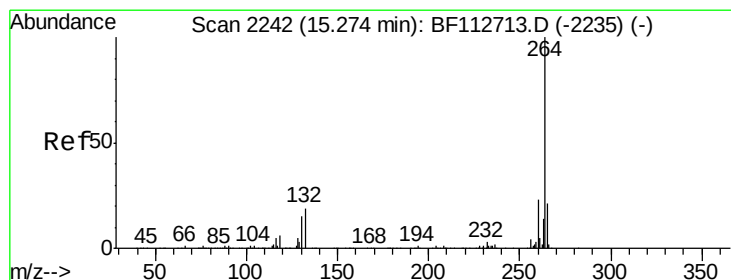
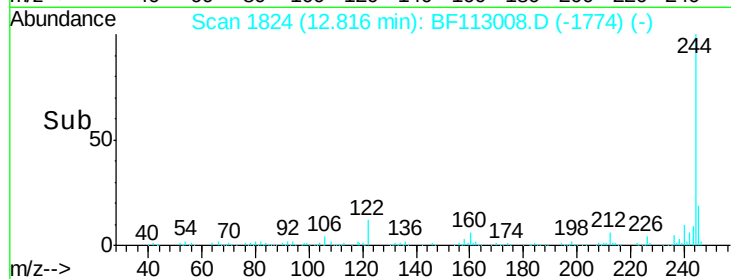
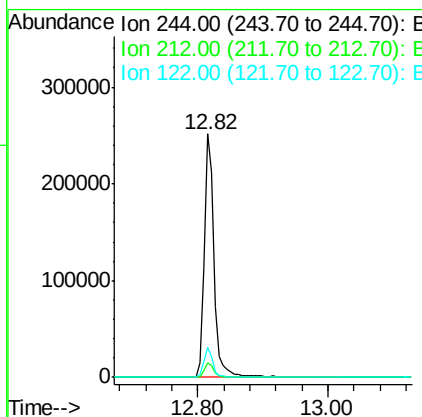
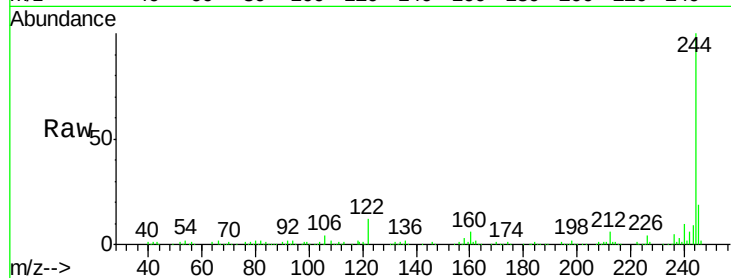




#79
 Terphenyl-d14
 Concen: 9.939 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113008.D
 Acq: 12 Mar 2019 17:42

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-031119-A

Tot Ion:244 Resp: 261952
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 12.3 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF113008.D
 Acq: 12 Mar 2019 17:42

Tgt Ion:264 Resp: 442781
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 22.0 17.2 25.8

