

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
 Data File : BF112925.D
 Acq On : 7 Mar 2019 17:02
 Operator : JU/SJ
 Sample : K1760-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-12

Quant Time: Mar 08 00:57:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	218950	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	850728	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	416367	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	885971	20.00	ng	0.00
76) Chrysene-d12	13.86	240	860766	20.00	ng	-0.01
87) Perylene-d12	15.27	264	793038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1338051	95.06	ng	0.00
7) Phenol-d6	6.37	99	1604714	90.76	ng	0.00
23) Nitrobenzene-d5	7.29	82	1165908	82.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	620819	140.45	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	2124388	84.37	ng	-0.01
79) Terphenyl-d14	12.82	244	2567538	57.82	ng	0.00

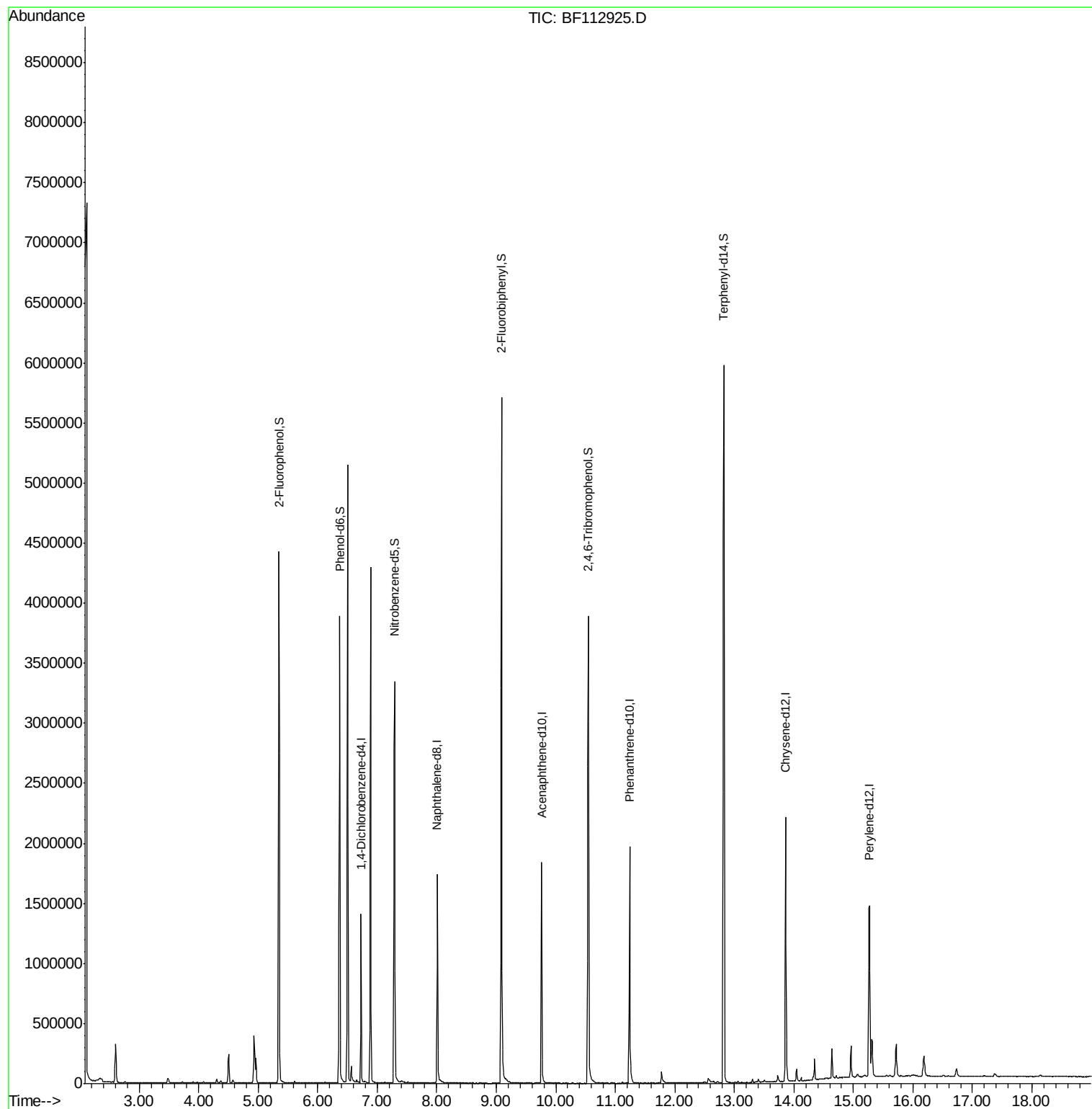
Target Compounds Qvalue

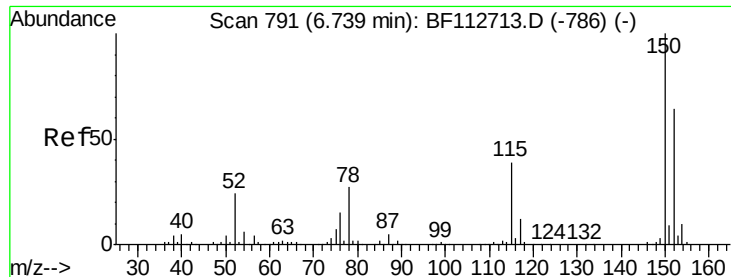
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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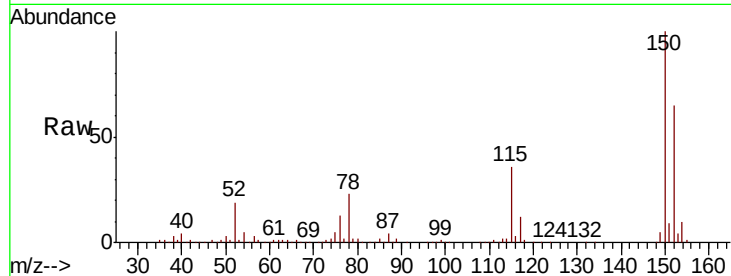


#1

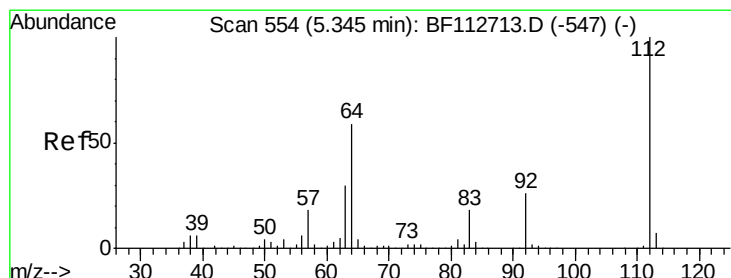
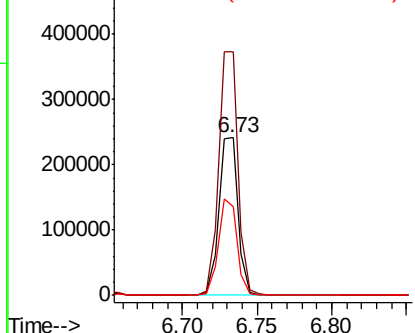
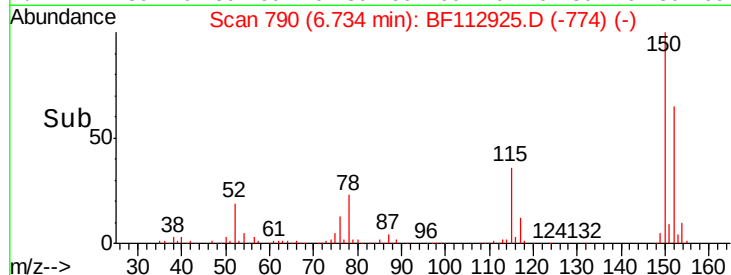
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112925.D
Acq: 7 Mar 2019 17:02

Instrument :
BNA_F
ClientSampleId :
Z2-12

Tot Ion:152 Resp: 218950
Ion Ratio Lower Upper
152 100
150 154.7 124.2 186.2
115 56.4 48.2 72.4



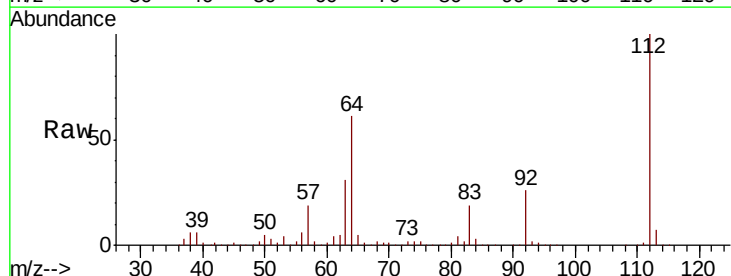
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



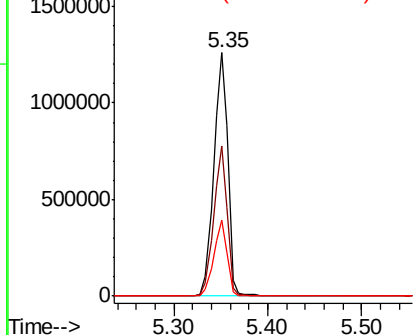
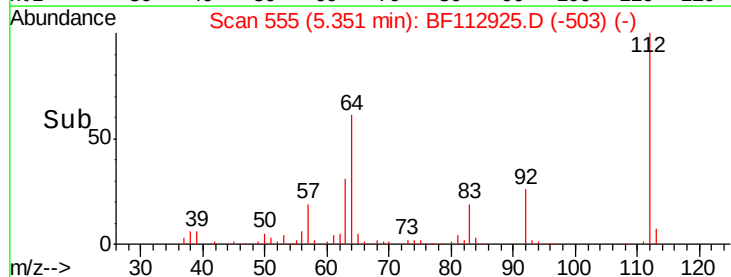
#5

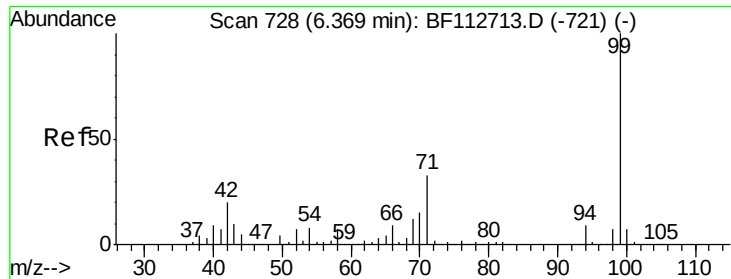
2-Fluorophenol
Concen: 95.063 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112925.D
Acq: 7 Mar 2019 17:02

Tgt Ion:112 Resp: 1338051
Ion Ratio Lower Upper
112 100
64 61.5 47.6 71.4
63 31.3 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: 90.759 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112925.D

Acq: 7 Mar 2019 17:02

Instrument :

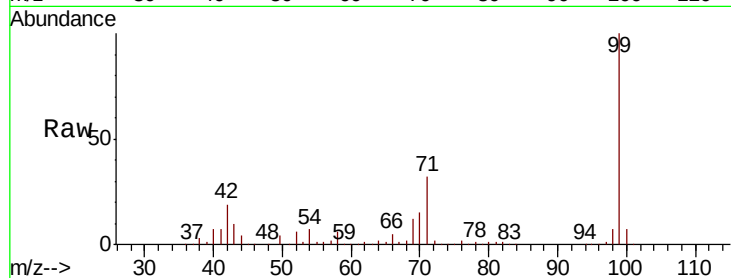
BNA_F

ClientSampleId :

Z2-12

Tot Ion: 99 Resp: 1604714

Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.3	24.5
71	32.0	26.2	39.4

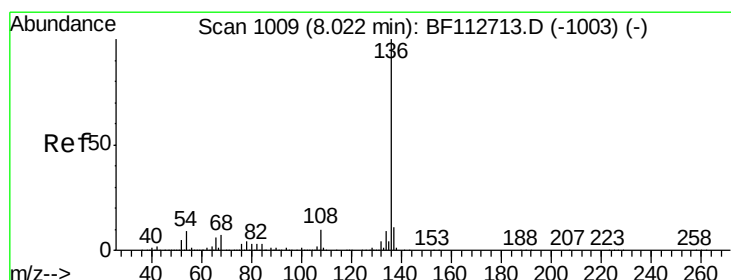
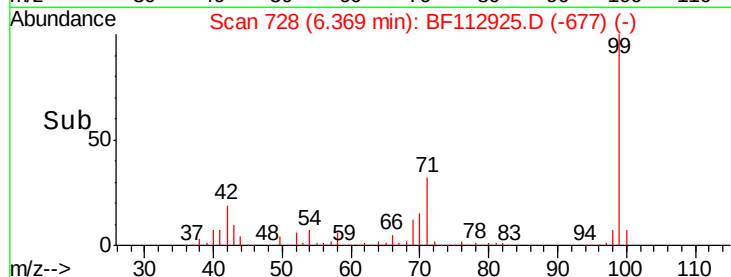
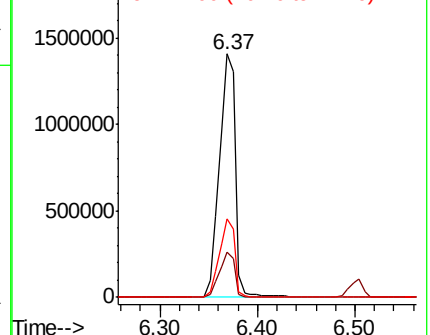


Abundance

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: 8.01 min Scan# 1007

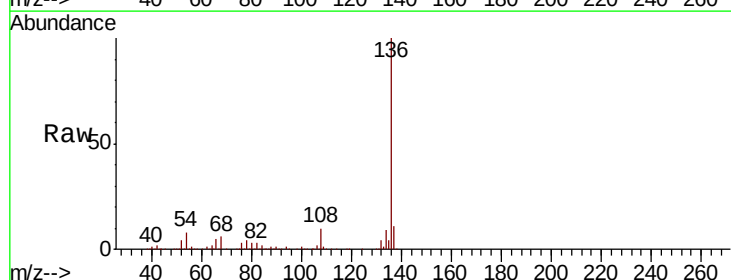
Delta R.T. -0.01 min

Lab File: BF112925.D

Acq: 7 Mar 2019 17:02

Tgt Ion: 136 Resp: 850728

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.1	7.3	10.9
68	6.2	5.4	8.2



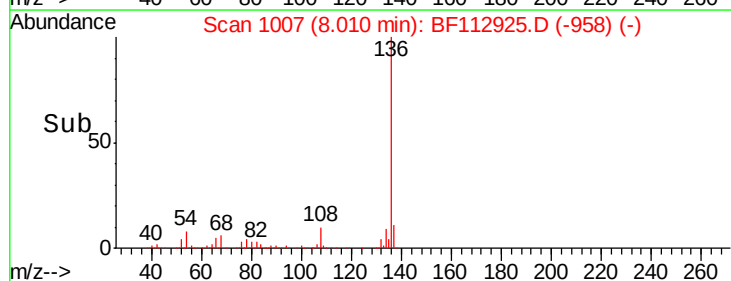
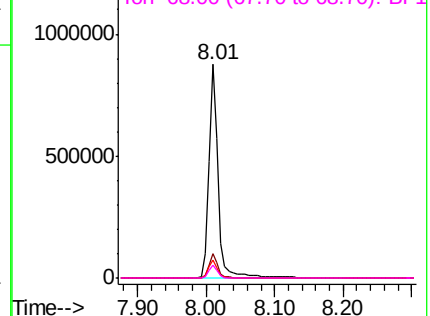
Abundance

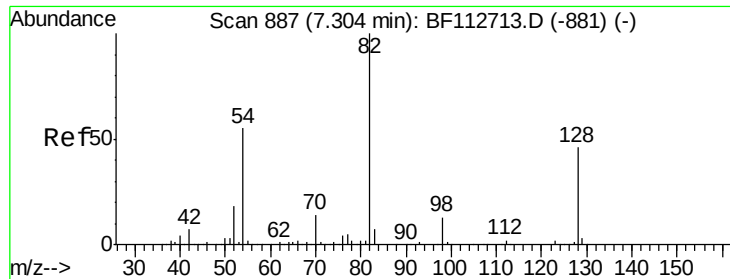
Ion 136.00 (135.70 to 136.70): E

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

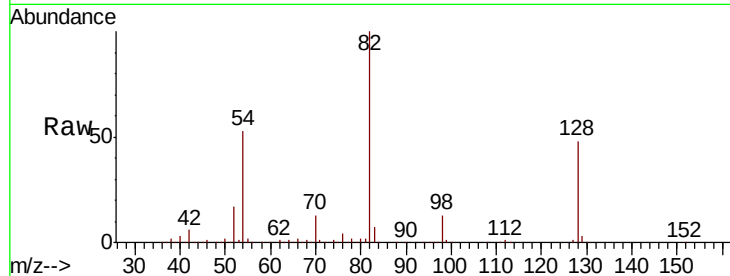




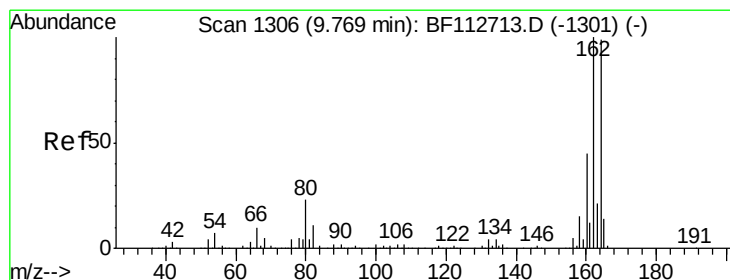
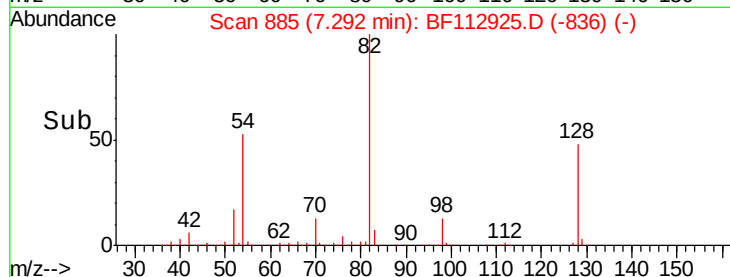
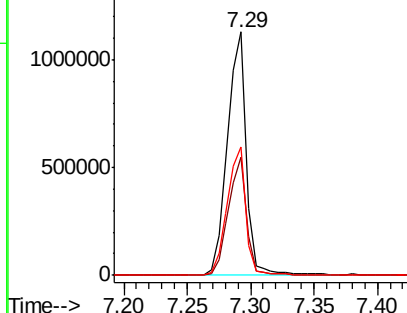
#23
Nitrobenzene-d5
Concen: 82.007 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112925.D
Acq: 7 Mar 2019 17:02

Instrument :
BNA_F
ClientSampled :
Z2-12

Tot Ion: 82 Resp: 1165908
Ion Ratio Lower Upper
82 100
128 48.4 36.3 54.5
54 52.8 43.7 65.5

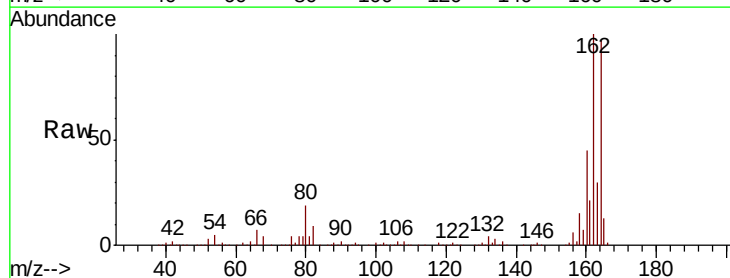


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

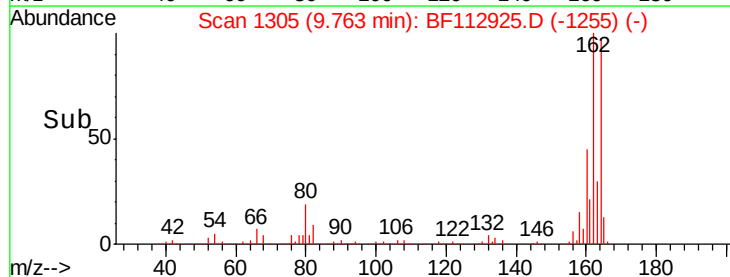
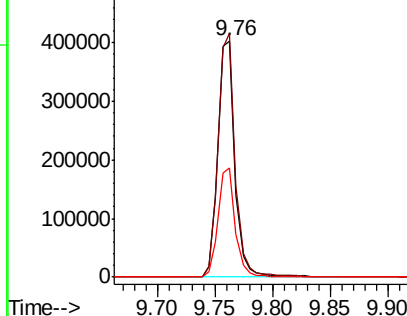


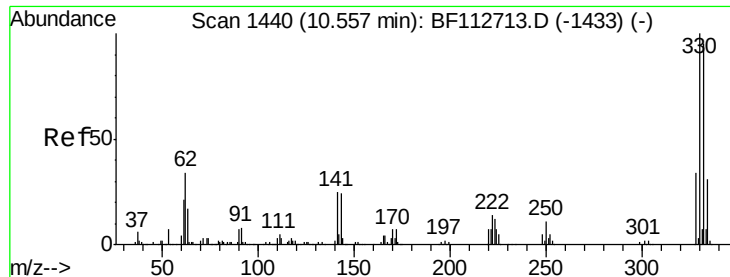
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112925.D
Acq: 7 Mar 2019 17:02

Tgt Ion:164 Resp: 416367
Ion Ratio Lower Upper
164 100
162 103.0 80.6 120.8
160 46.3 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 140.449 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112925.D

Acq: 7 Mar 2019 17:02

Instrument :

BNA_F

ClientSampleId :

Z2-12

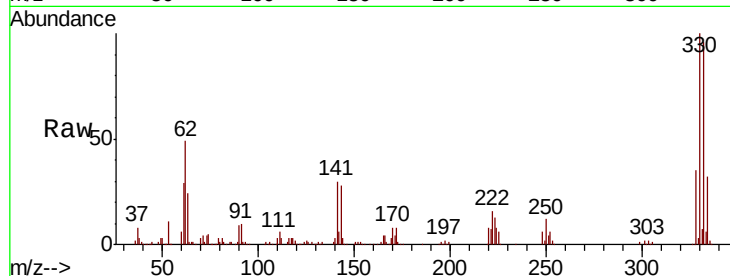
Tot Ion:330 Resp: 620819

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

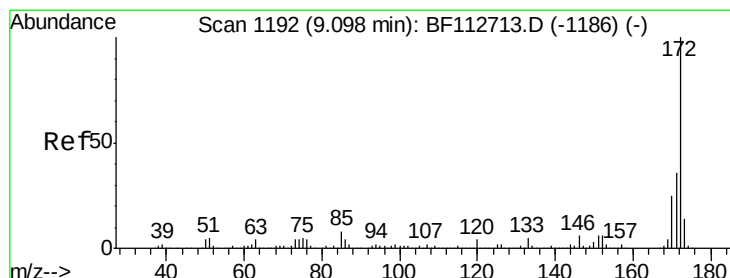
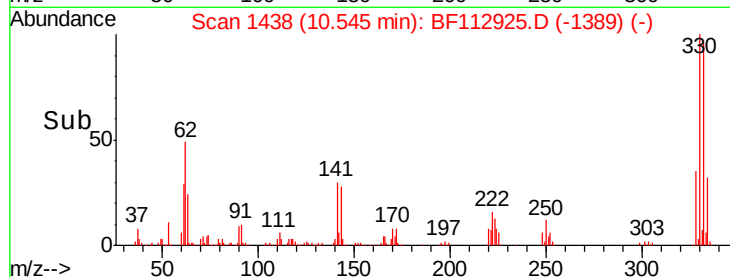
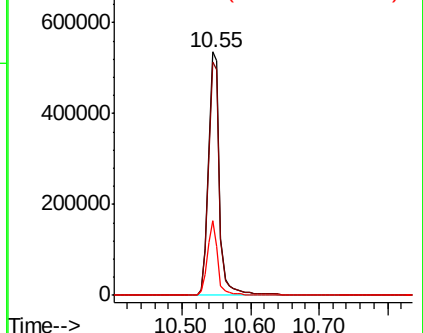
141 28.4 27.0 40.6



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: 84.369 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112925.D

Acq: 7 Mar 2019 17:02

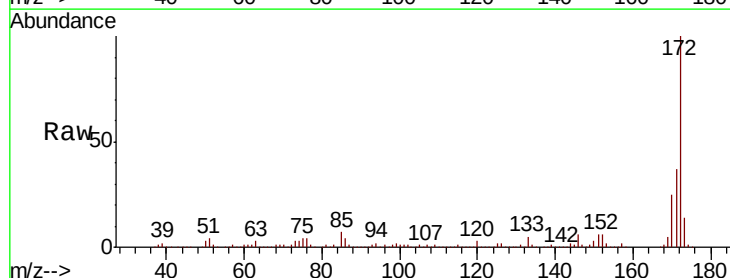
Tgt Ion:172 Resp: 2124388

Ion Ratio Lower Upper

172 100

171 36.9 29.0 43.4

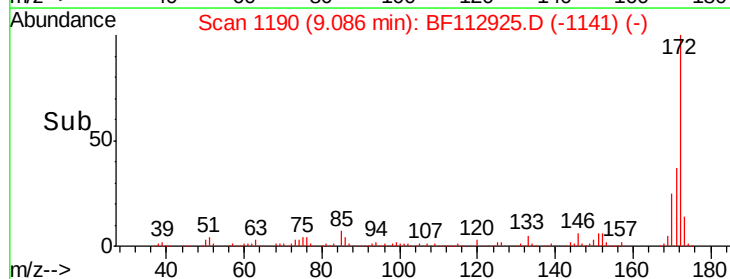
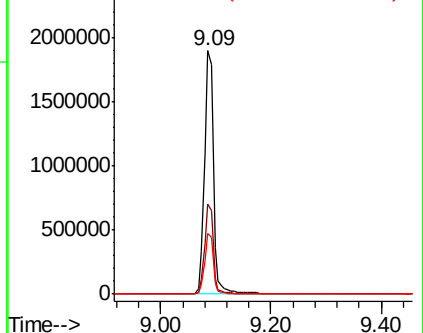
170 24.8 20.0 30.0

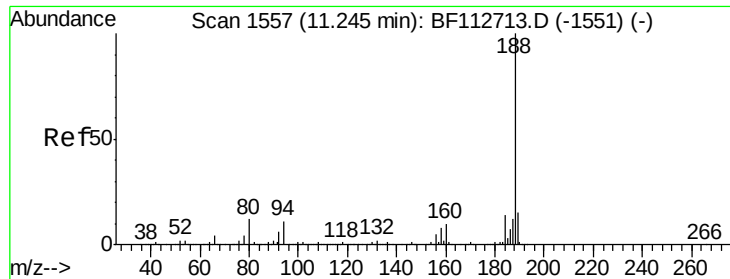


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

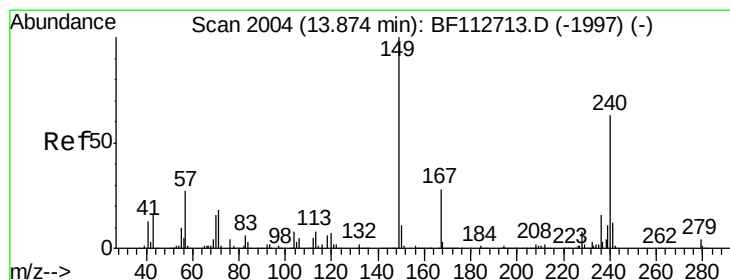
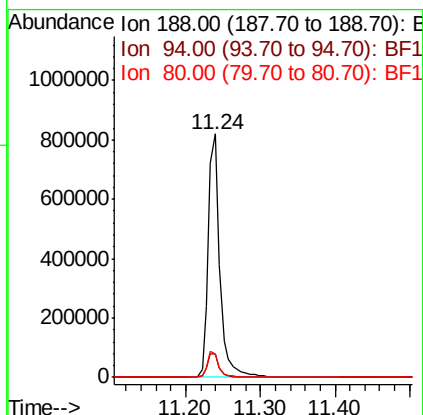
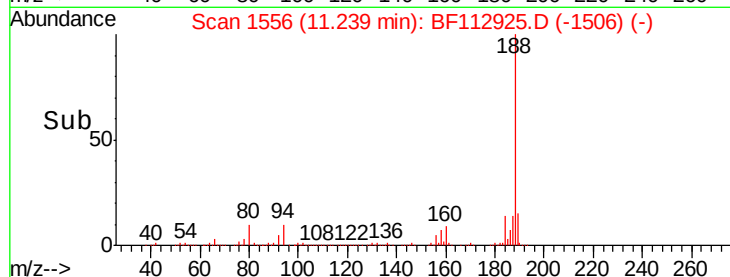
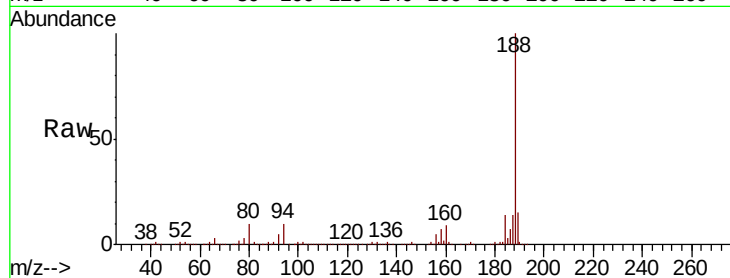




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112925.D
Acq: 7 Mar 2019 17:02

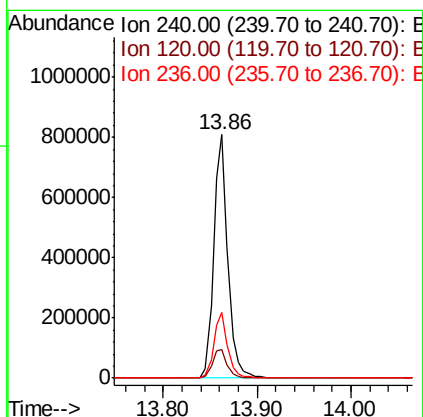
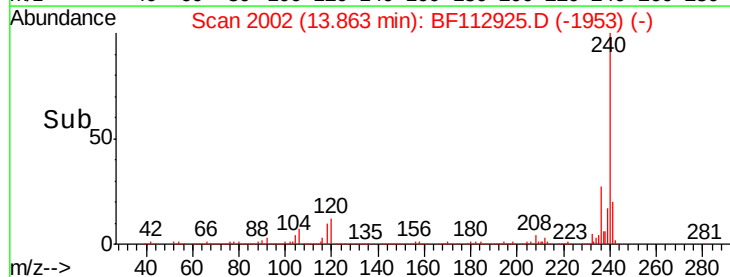
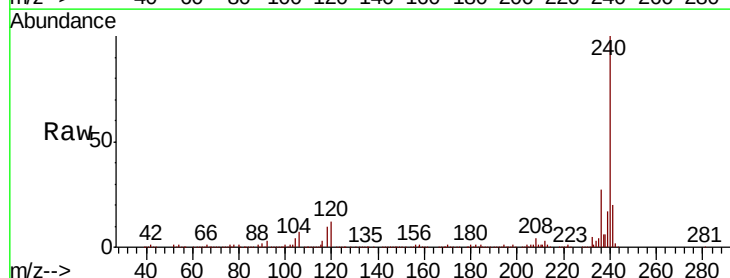
Instrument :
BNA_F
ClientSampled :
Z2-12

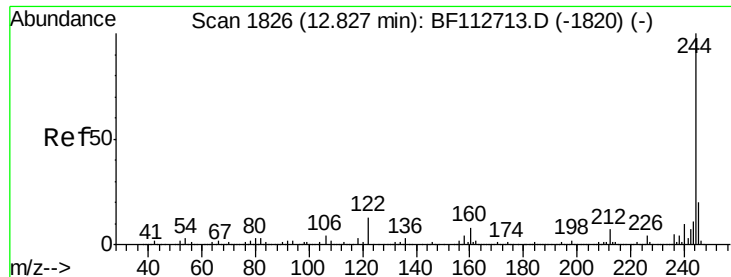
Tot Ion:188 Resp: 885971
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.4
80 9.6 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112925.D
Acq: 7 Mar 2019 17:02

Tgt Ion:240 Resp: 860766
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.7 20.7 31.1

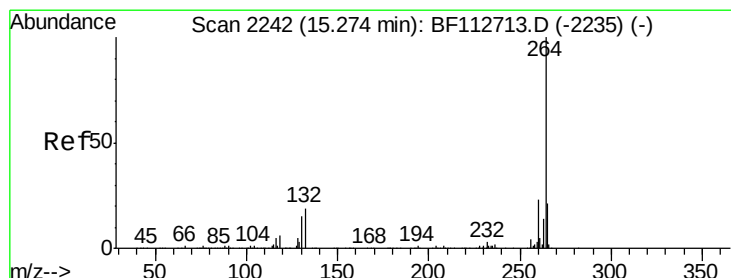
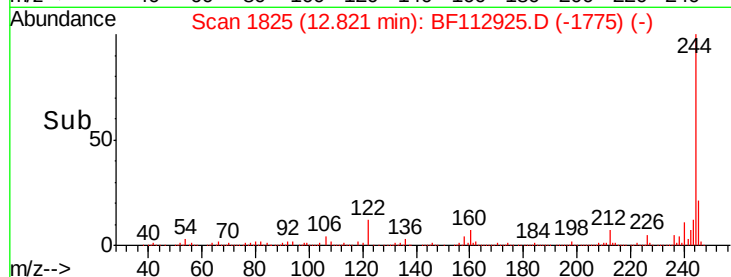
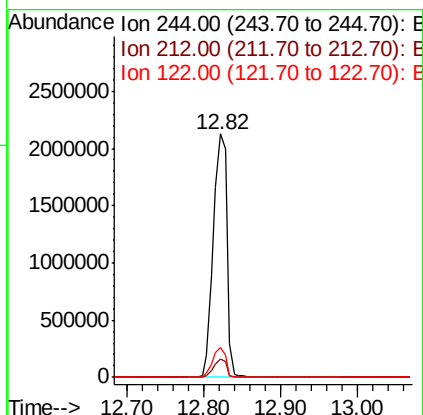
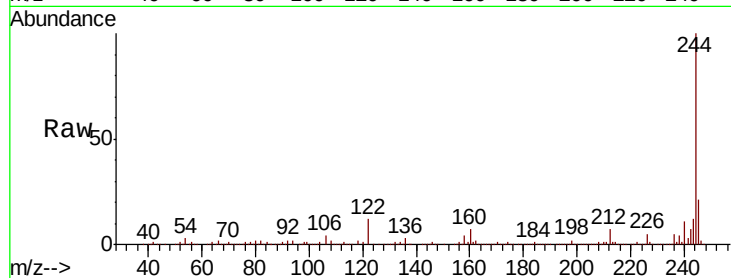




#79
 Terphenyl-d14
 Concen: 57.823 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112925.D
 Acq: 7 Mar 2019 17:02

Instrument :
 BNA_F
 ClientSampled :
 Z2-12

Tot Ion:244 Resp: 2567538
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 12.4 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF112925.D
 Acq: 7 Mar 2019 17:02

Tgt Ion:264 Resp: 793038
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.7 28.1
 265 21.1 17.2 25.8

