

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
 Data File : BF112845.D
 Acq On : 5 Mar 2019 4:03
 Operator : JU/SJ
 Sample : K1714-18RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-D-5-8RE

Quant Time: Mar 05 04:34:06 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	6.75	152	155089	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	620113	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	287493	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	526972	20.00	ng	0.00
76) Chrysene-d12	13.88	240	418456	20.00	ng	0.00
87) Perylene-d12	15.30	264	303750	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	324898	32.59	ng	0.00
7) Phenol-d6	6.37	99	499202	39.86	ng	0.00
23) Nitrobenzene-d5	7.30	82	280906	27.11	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	168676	55.27	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	687753	33.56	ng	0.00
79) Terphenyl-d14	12.83	244	728187	33.73	ng	0.00

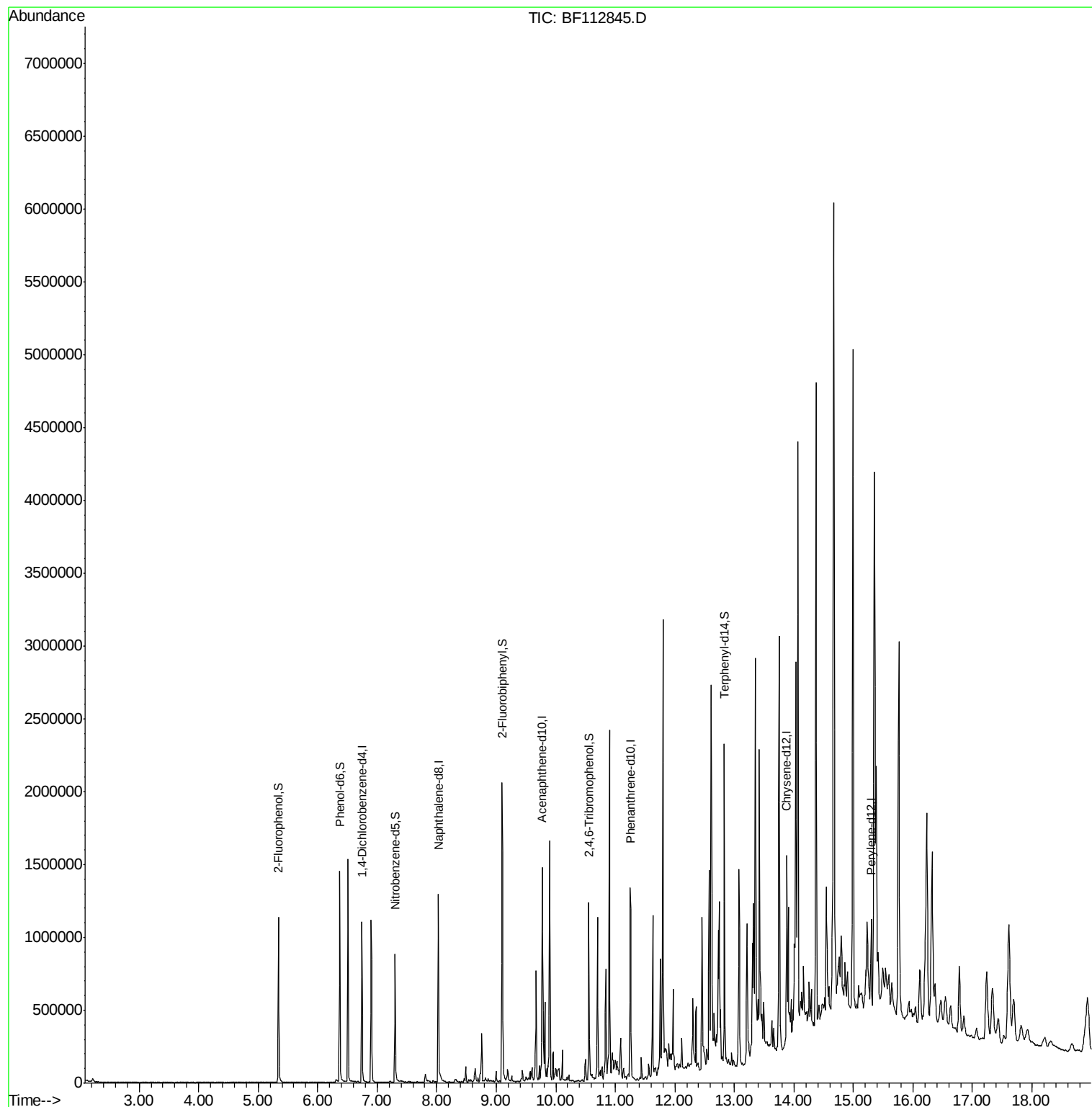
Target Compounds Qvalue

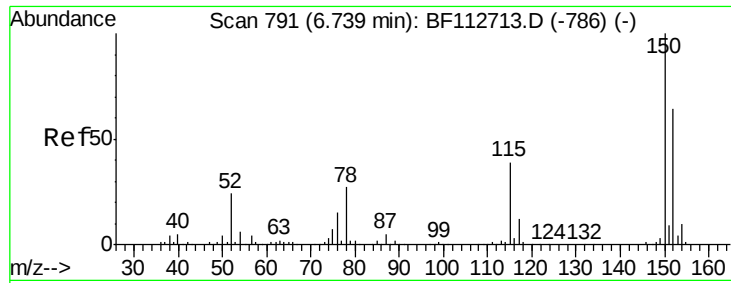
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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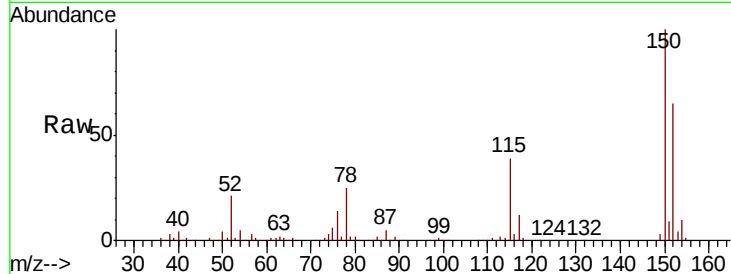


#1

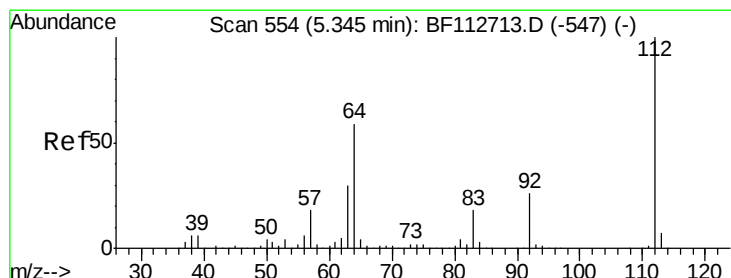
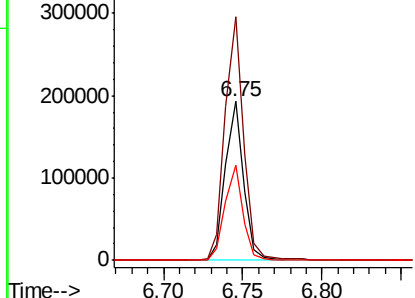
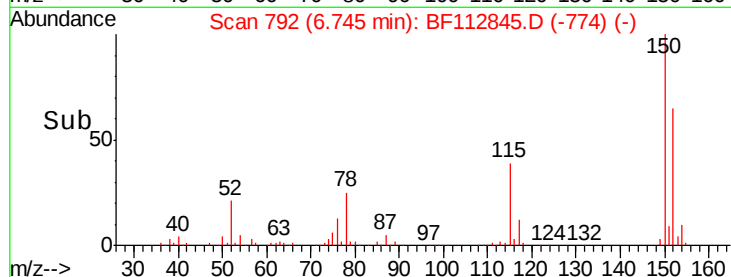
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112845.D
Acq: 5 Mar 2019 4:03

Instrument :
BNA_F
ClientSampleId :
SB-D-5-8RE

Tot Ion:152 Resp: 155089
Ion Ratio Lower Upper
152 100
150 153.2 124.2 186.2
115 59.5 48.2 72.4



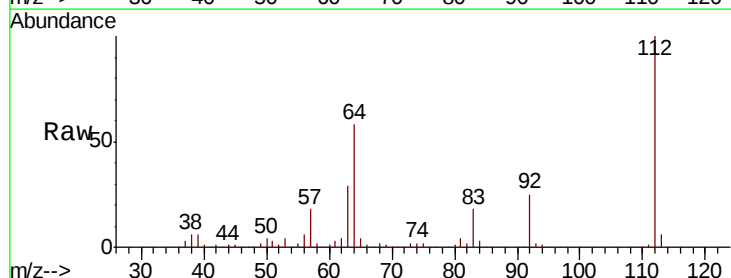
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



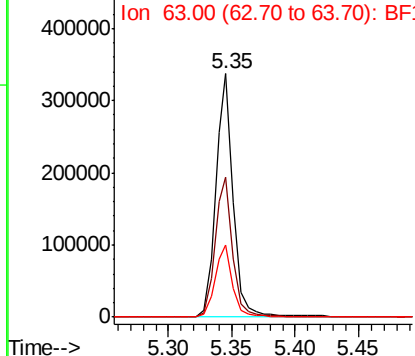
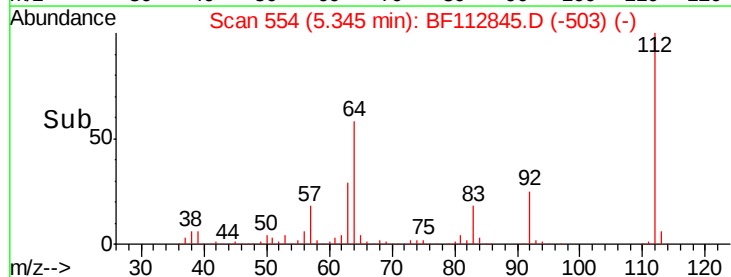
#5

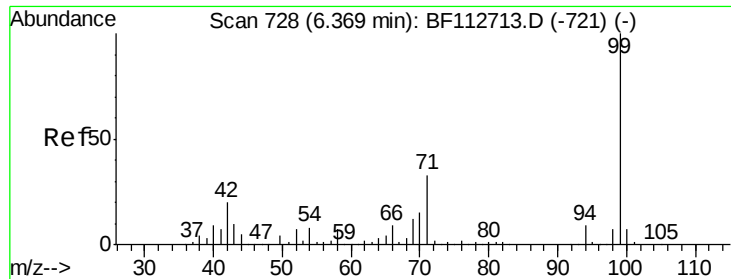
2-Fluorophenol
Concen: 32.587 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112845.D
Acq: 5 Mar 2019 4:03

Tgt Ion:112 Resp: 324898
Ion Ratio Lower Upper
112 100
64 57.5 47.6 71.4
63 29.5 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: 39.859 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112845.D

Acq: 5 Mar 2019 4:03

Instrument :

BNA_F

ClientSampleId :

SB-D-5-8RE

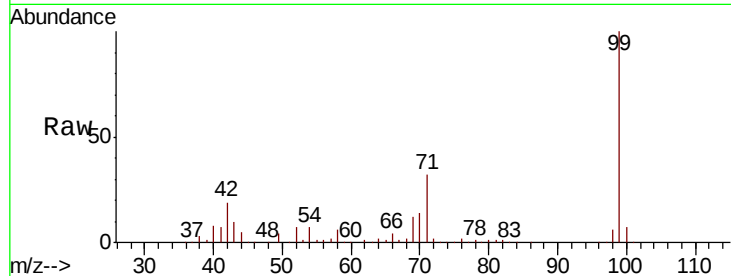
Tot Ion: 99 Resp: 499202

Ion Ratio Lower Upper

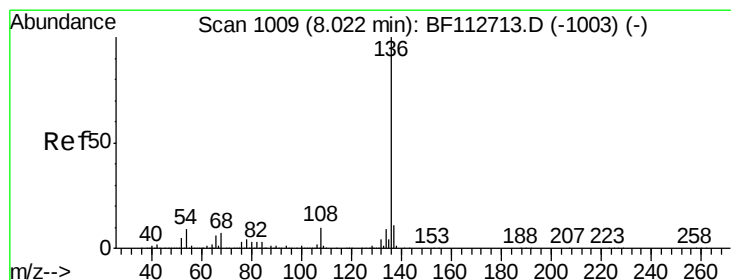
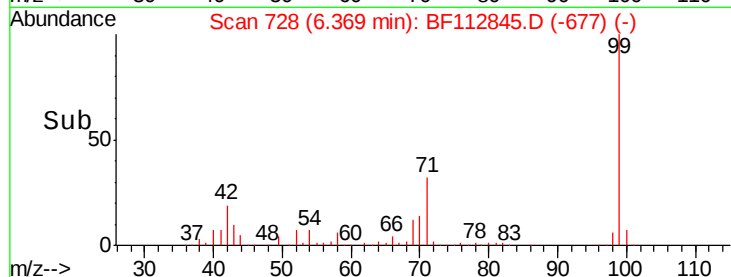
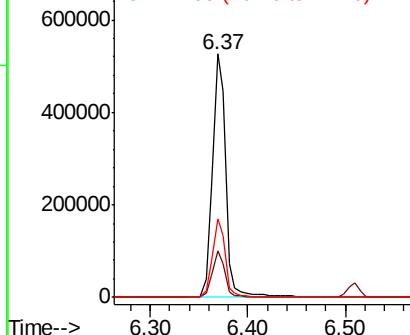
99 100

42 19.0 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: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112845.D

Acq: 5 Mar 2019 4:03

Tgt Ion: 136 Resp: 620113

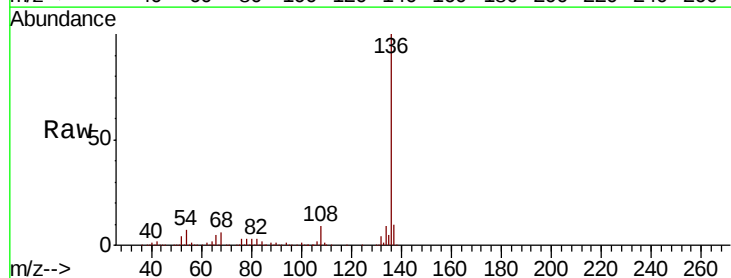
Ion Ratio Lower Upper

136 100

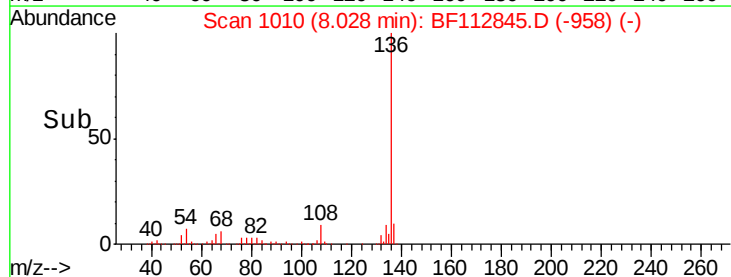
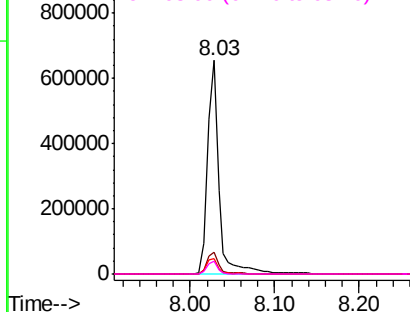
137 10.5 8.9 13.3

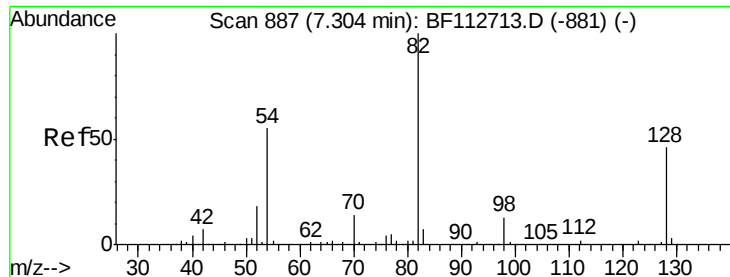
54 7.5 7.3 10.9

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

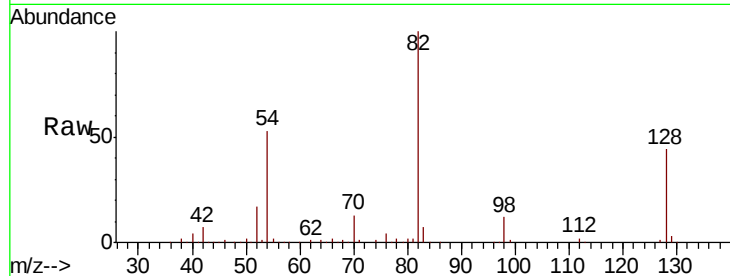




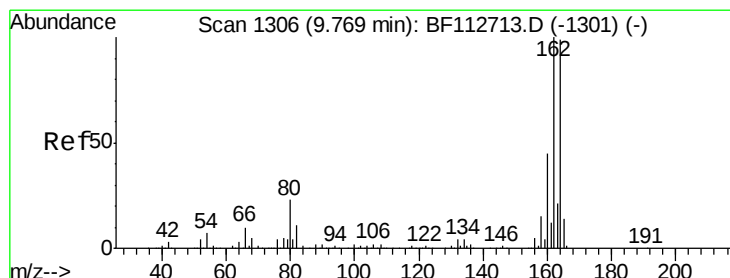
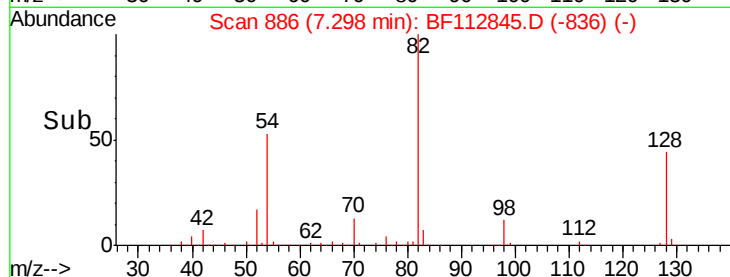
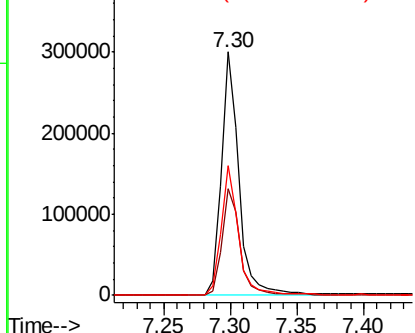
#23
Nitrobenzene-d5
Concen: 27.106 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112845.D
Acq: 5 Mar 2019 4:03

Instrument :
BNA_F
ClientSampleId :
SB-D-5-8RE

Tot Ion	82	Resp	280906
Ion Ratio	Lower	Upper	
82	100		
128	44.0	36.3	54.5
54	53.1	43.7	65.5

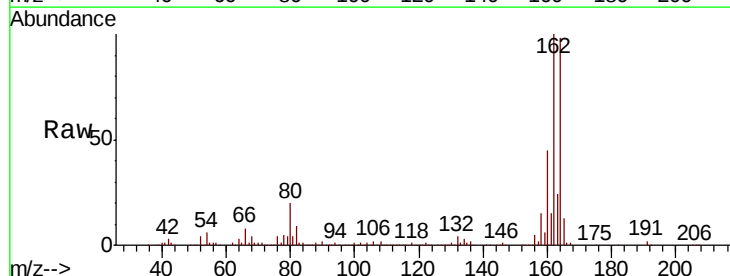


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

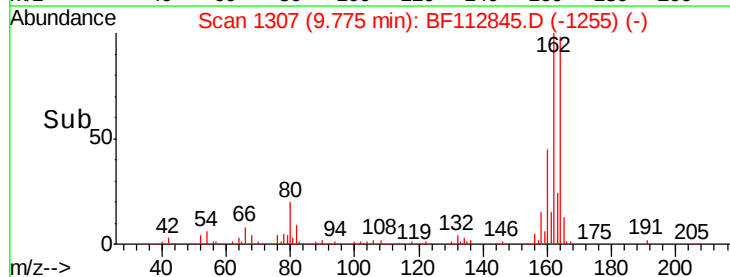
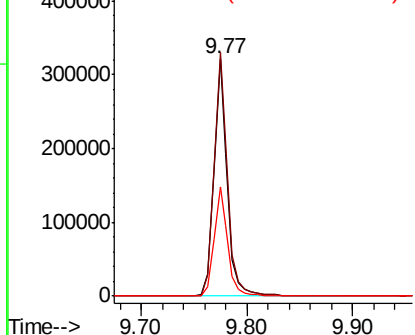


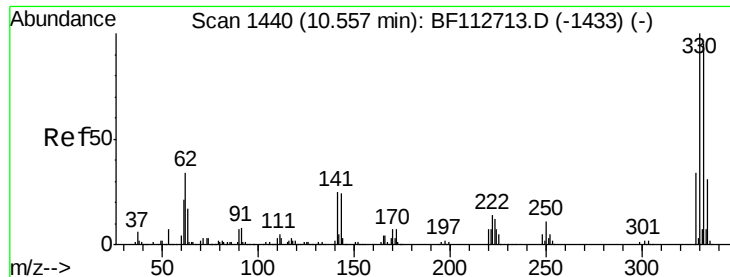
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112845.D
Acq: 5 Mar 2019 4:03

Tgt Ion	164	Resp	287493
Ion Ratio	Lower	Upper	
164	100		
162	102.4	80.6	120.8
160	45.9	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: 55.266 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF112845.D

Acq: 5 Mar 2019 4:03

Instrument :

BNA_F

ClientSampleId :

SB-D-5-8RE

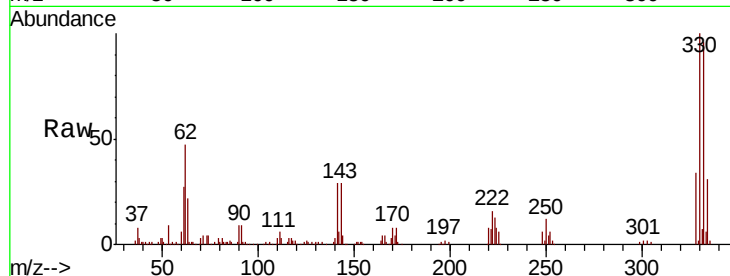
Tot Ion:330 Resp: 168676

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

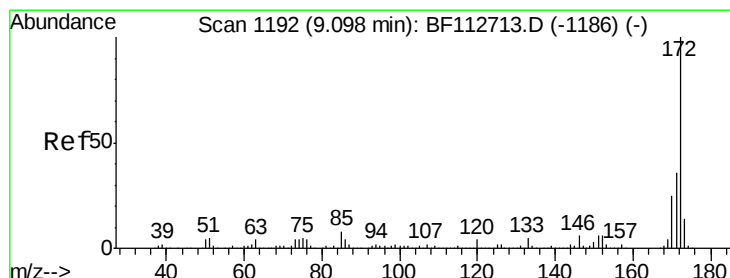
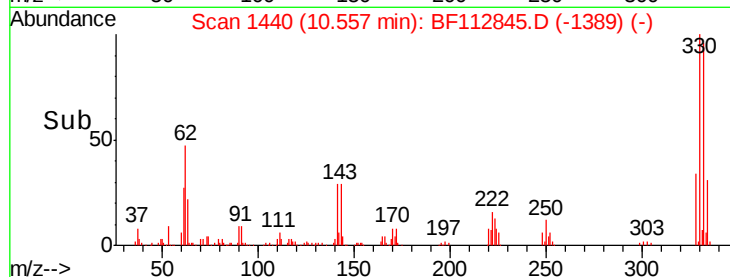
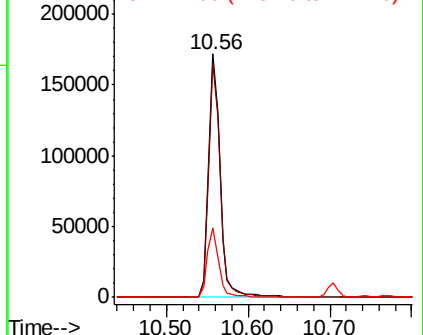
141 28.5 27.0 40.6



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: 33.563 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF112845.D

Acq: 5 Mar 2019 4:03

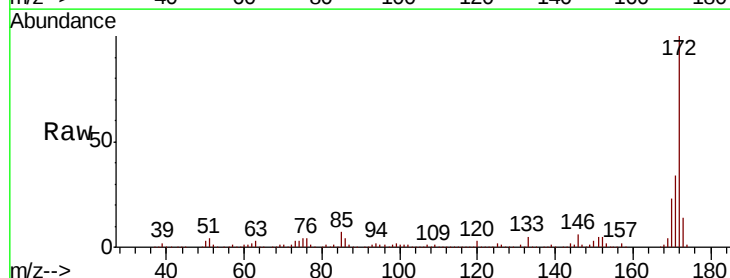
Tgt Ion:172 Resp: 687753

Ion Ratio Lower Upper

172 100

171 34.3 29.0 43.4

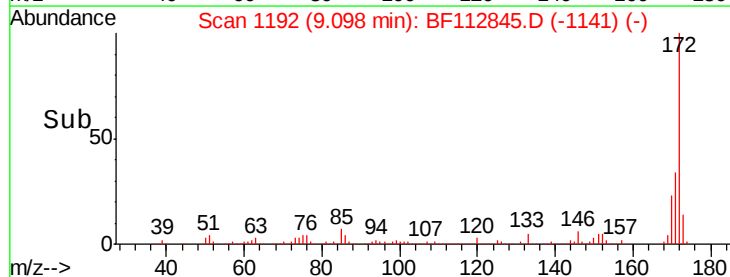
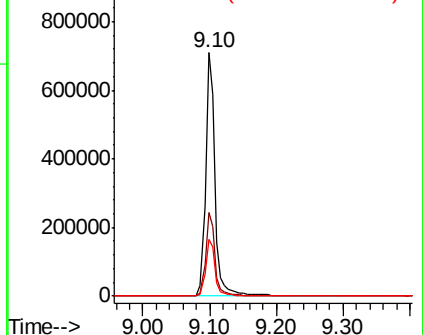
170 23.4 20.0 30.0

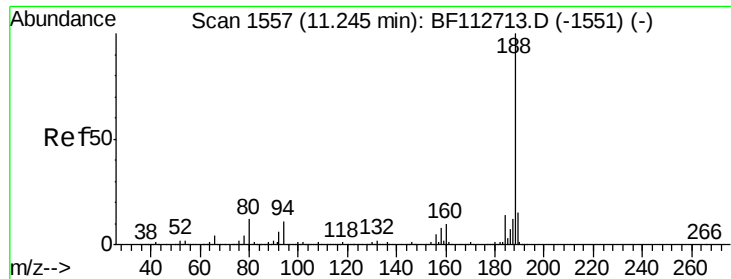


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

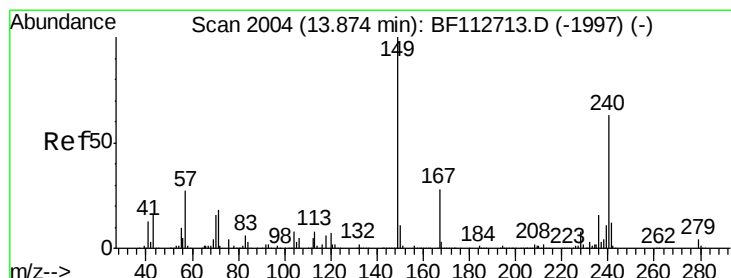
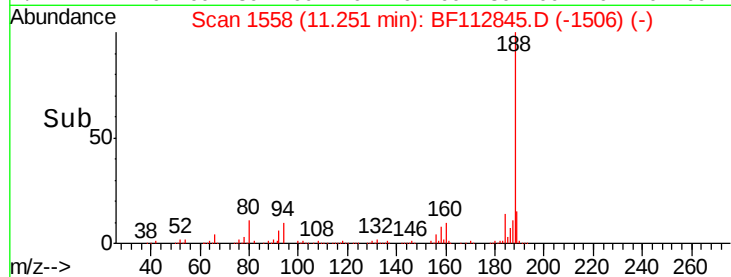
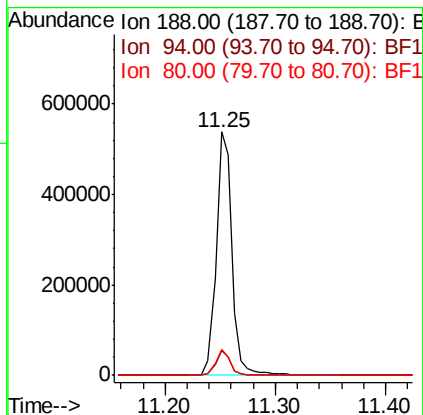
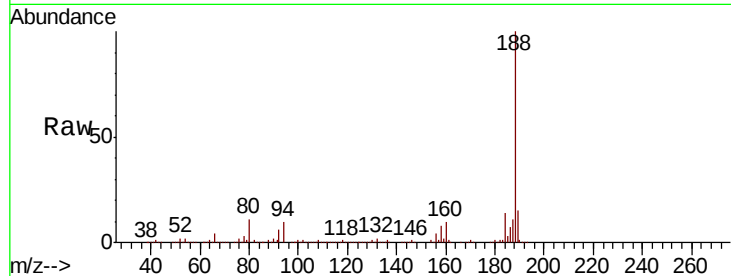




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112845.D
Acq: 5 Mar 2019 4:03

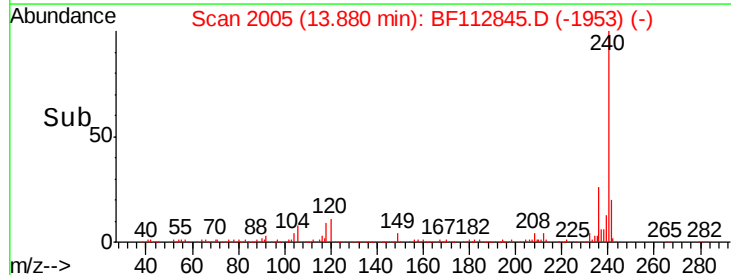
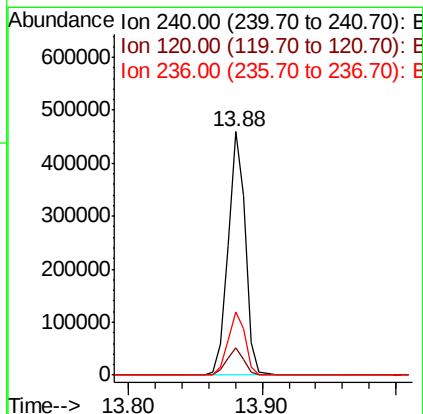
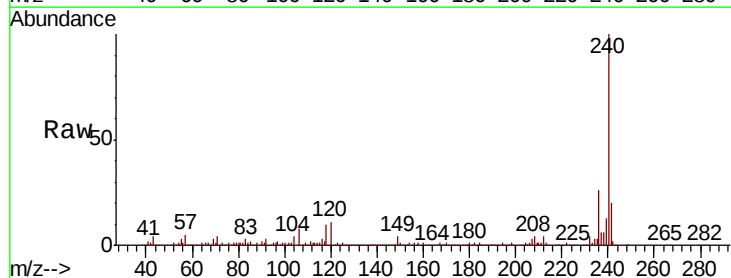
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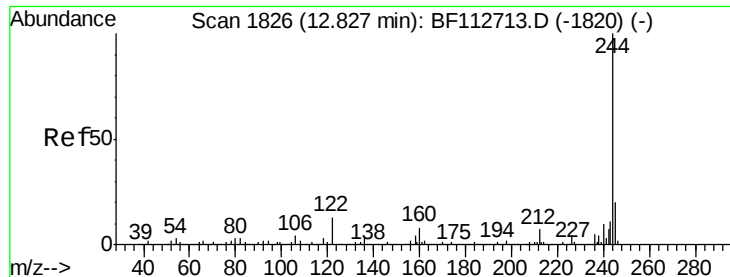
Tot Ion:188 Resp: 526972
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.4
80 10.5 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112845.D
Acq: 5 Mar 2019 4:03

Tgt Ion:240 Resp: 418456
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 33.733 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112845.D

Acq: 5 Mar 2019 4:03

Instrument :

BNA_F

ClientSampleId :

SB-D-5-8RE

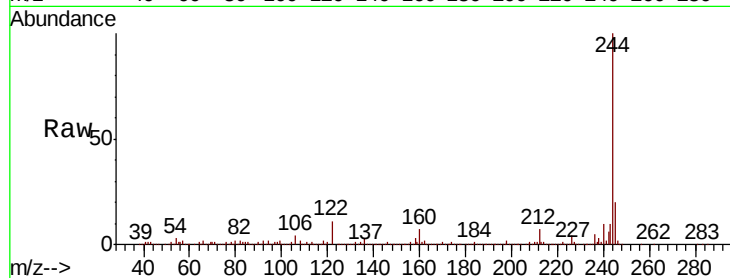
Tot Ion:244 Resp: 728187

Ion Ratio Lower Upper

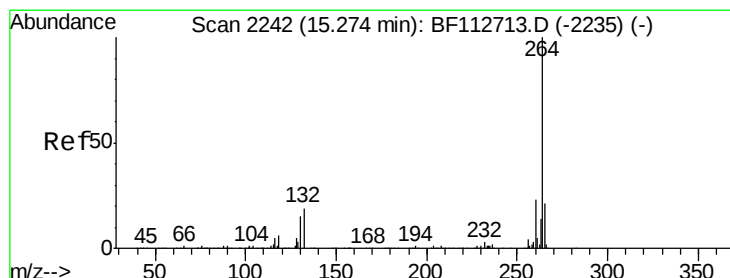
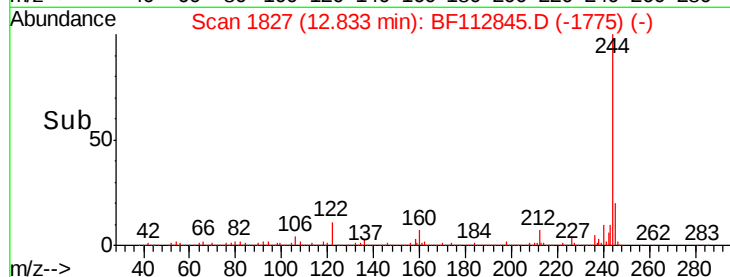
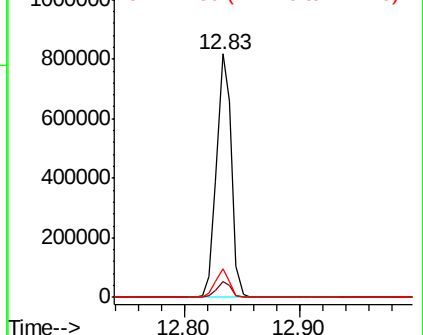
244 100

212 6.6 5.6 8.4

122 11.5 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: 15.30 min Scan# 2246

Delta R.T. 0.02 min

Lab File: BF112845.D

Acq: 5 Mar 2019 4:03

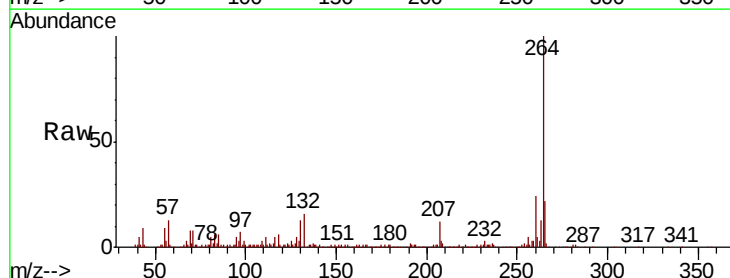
Tgt Ion:264 Resp: 303750

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.6 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

