

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113092.D
 Acq On : 18 Mar 2019 16:05
 Operator : JU/SJ
 Sample : K1931-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSP-1

Quant Time: Mar 19 05:26:01 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

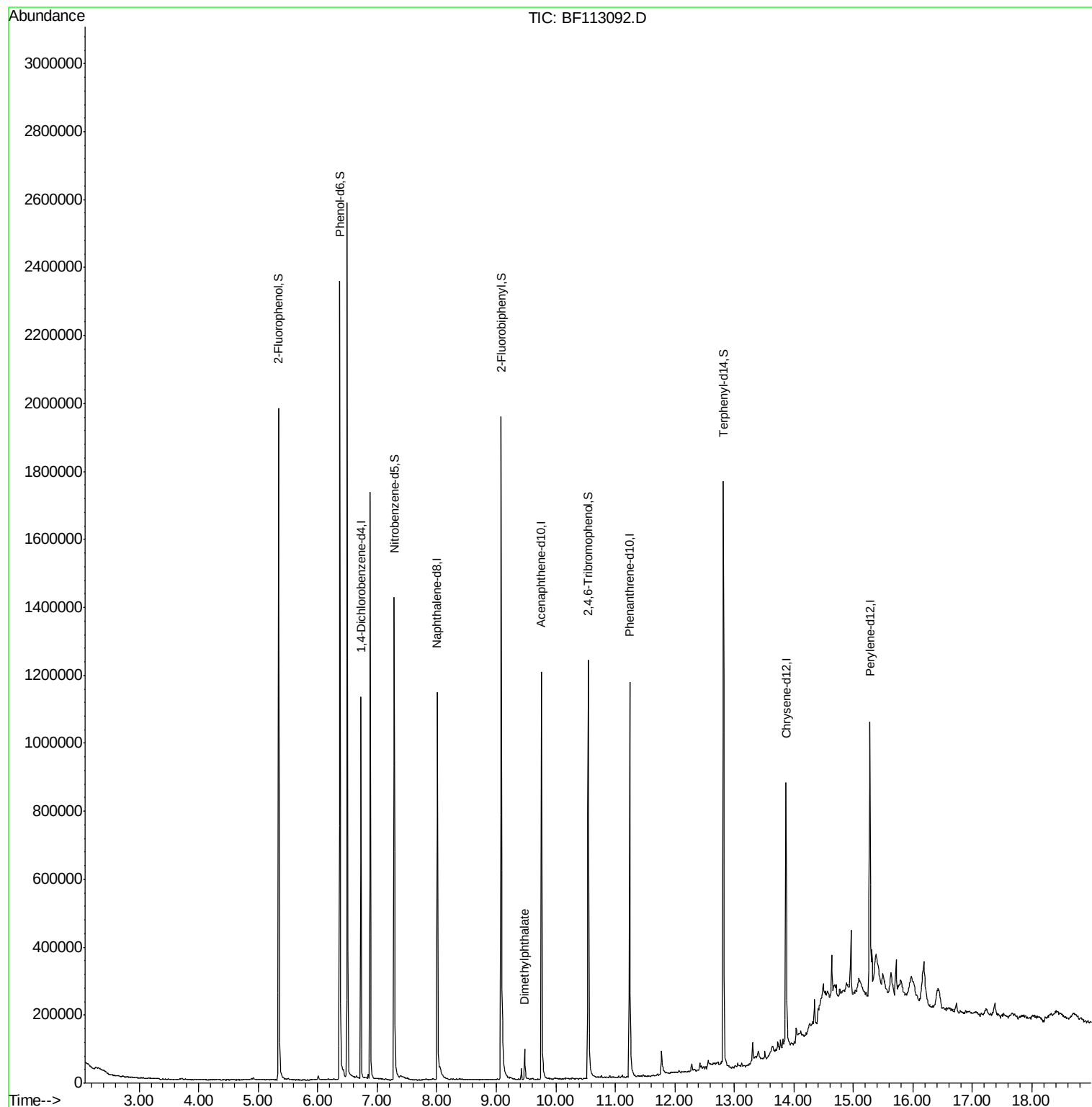
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	156005	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	605500	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	285366	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	526879	20.00	ng	0.00
76) Chrysene-d12	13.87	240	332694	20.00	ng	0.00
87) Perylene-d12	15.27	264	440881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	567246	56.56	ng	0.00
7) Phenol-d6	6.37	99	821894	65.24	ng	0.00
23) Nitrobenzene-d5	7.29	82	459625	45.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	193145	63.75	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	790310	39.74	ng	-0.01
79) Terphenyl-d14	12.82	244	614059	35.78	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.48	163	47309	2.248	ng	99

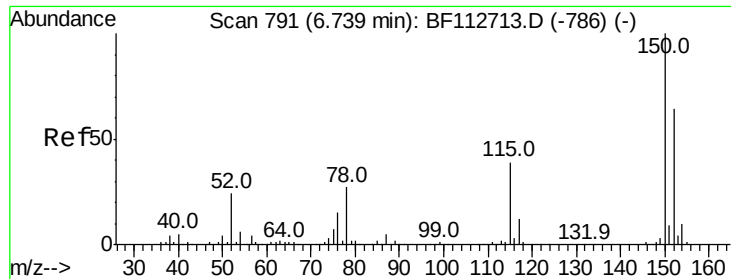
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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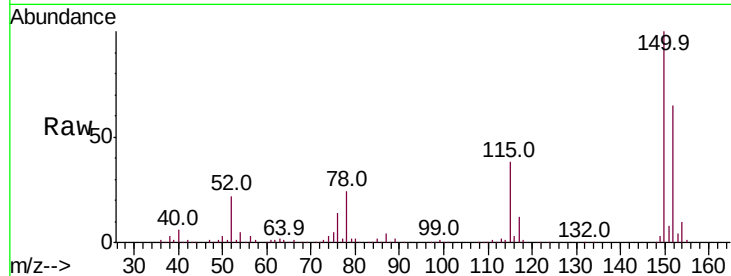


#1

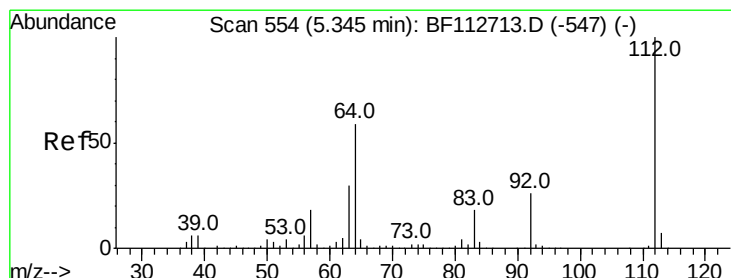
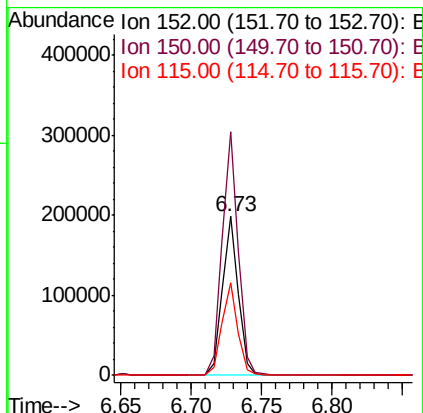
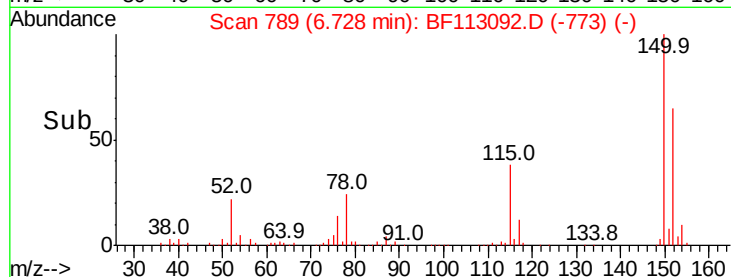
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113092.D
Acq: 18 Mar 2019 16:05

Instrument :
BNA_F
ClientSampleId :
LSP-1

Tot Ion:152 Resp: 156005
Ion Ratio Lower Upper
152 100
150 153.0 124.2 186.2
115 58.3 48.2 72.4



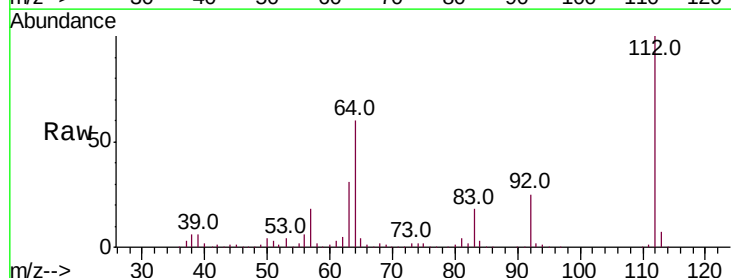
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



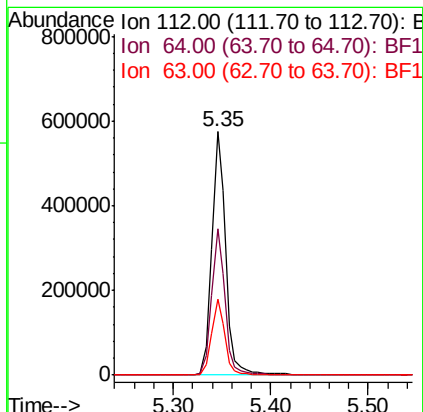
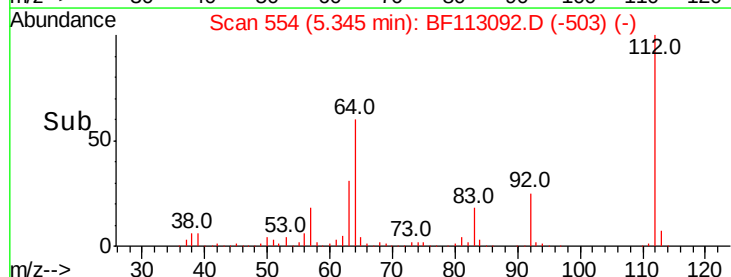
#5

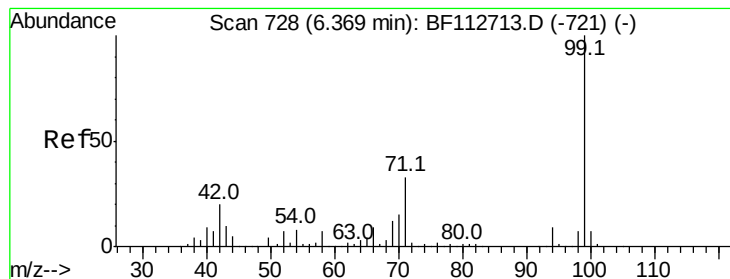
2-Fluorophenol
Concen: 56.561 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113092.D
Acq: 18 Mar 2019 16:05

Tgt Ion:112 Resp: 567246
Ion Ratio Lower Upper
112 100
64 60.1 47.6 71.4
63 31.0 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: 65.240 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113092.D

Acq: 18 Mar 2019 16:05

Instrument :

BNA_F

ClientSampled :

LSP-1

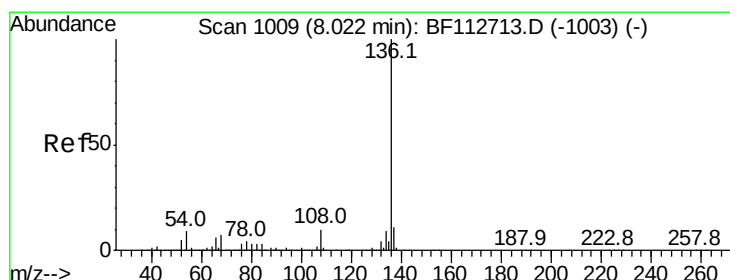
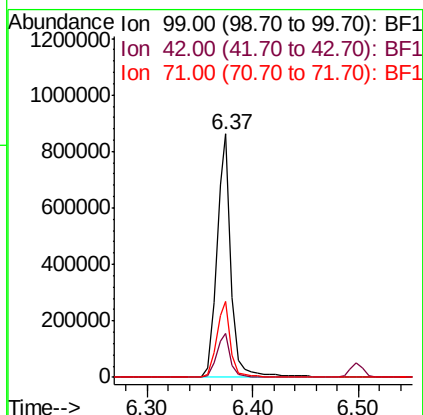
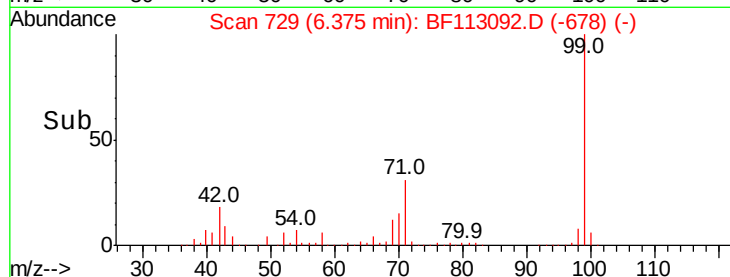
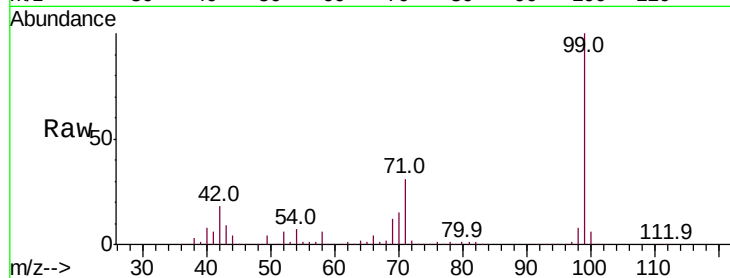
Tot Ion: 99 Resp: 821894

Ion Ratio Lower Upper

99 100

42 18.2 16.3 24.5

71 31.1 26.2 39.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113092.D

Acq: 18 Mar 2019 16:05

Tgt Ion: 136 Resp: 605500

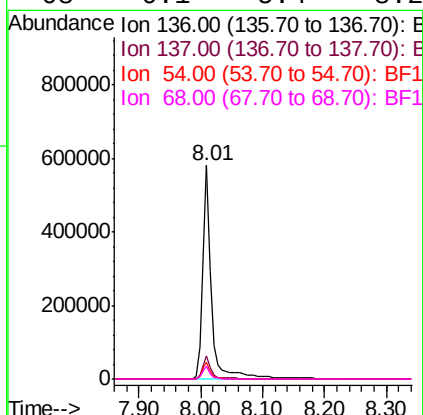
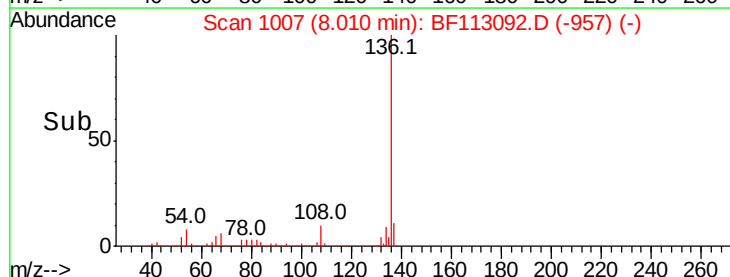
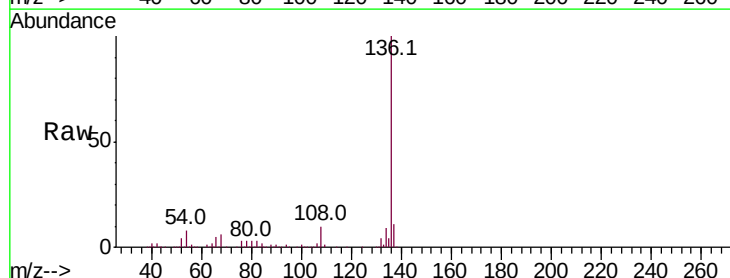
Ion Ratio Lower Upper

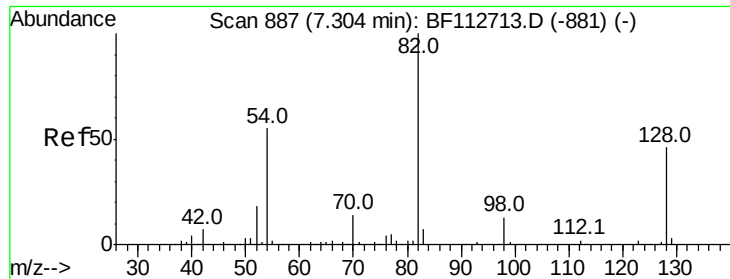
136 100

137 11.0 8.9 13.3

54 7.6 7.3 10.9

68 6.1 5.4 8.2

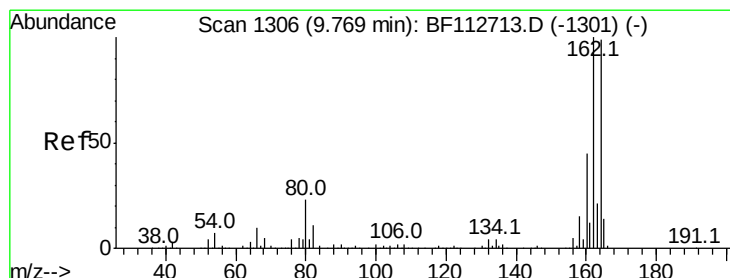
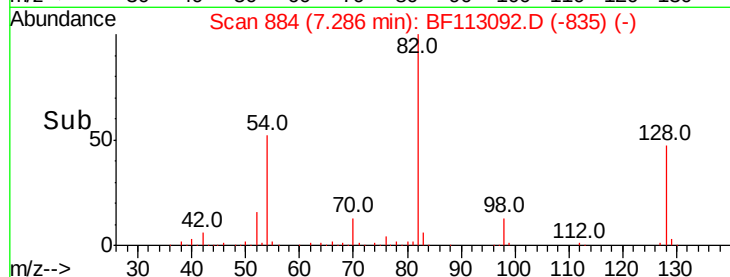
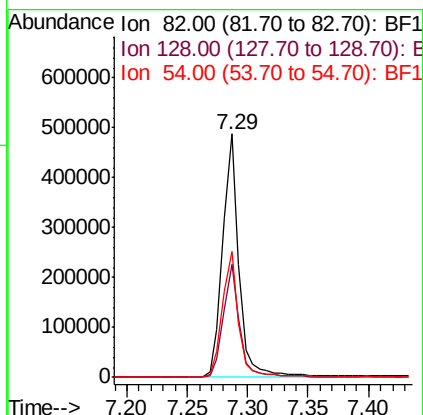
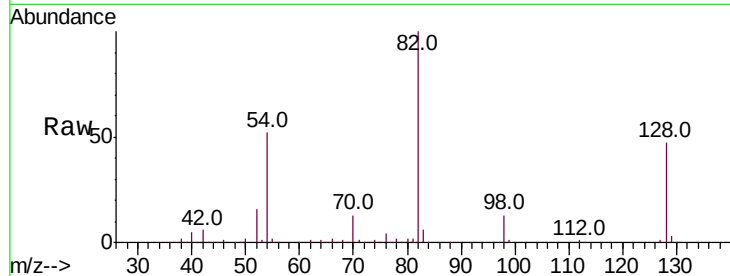




#23
Nitrobenzene-d5
Concen: 45.422 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113092.D
Acq: 18 Mar 2019 16:05

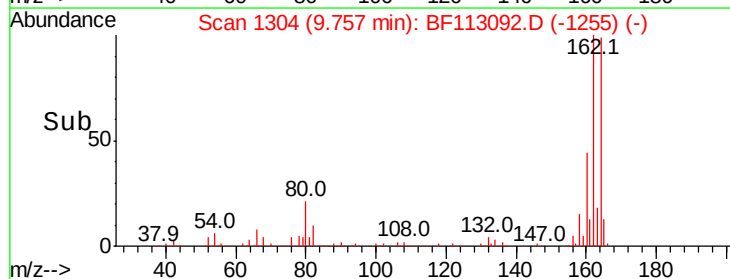
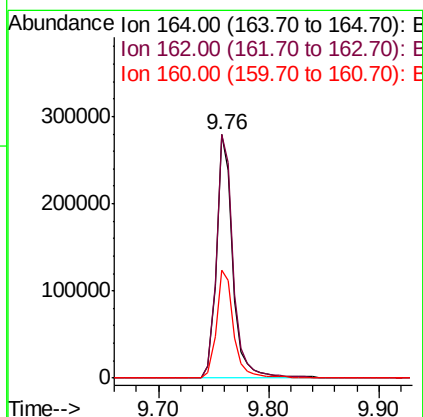
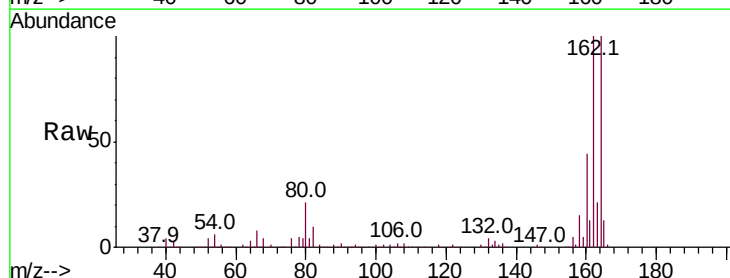
Instrument :
BNA_F
ClientSampleId :
LSP-1

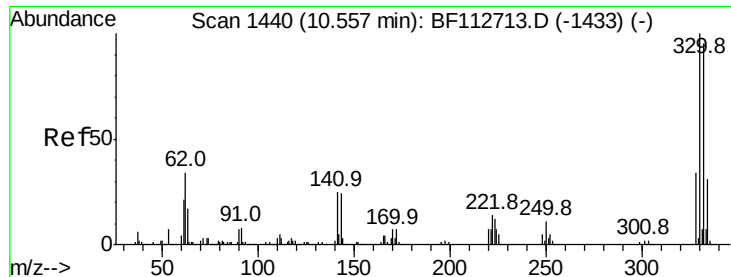
Tot Ion: 82 Resp: 459625
Ion Ratio Lower Upper
82 100
128 46.5 36.3 54.5
54 51.8 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113092.D
Acq: 18 Mar 2019 16:05

Tgt Ion: 164 Resp: 285366
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 44.3 36.0 54.0

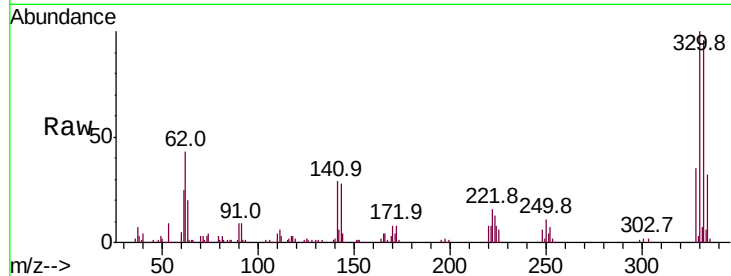




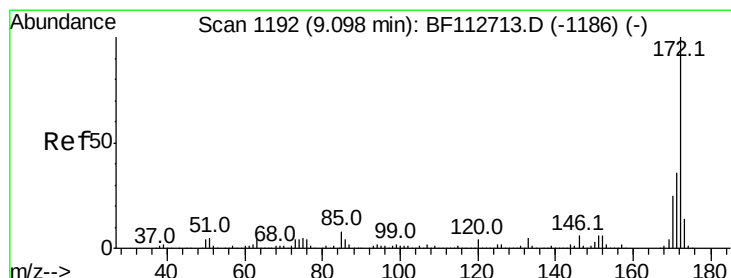
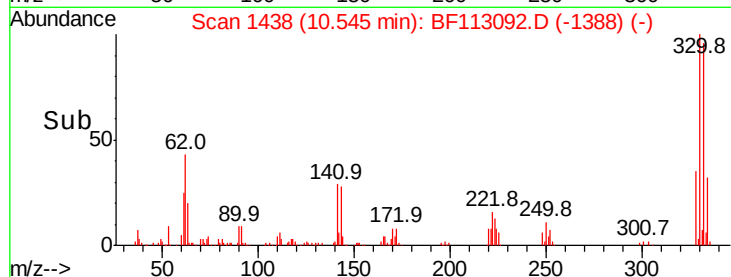
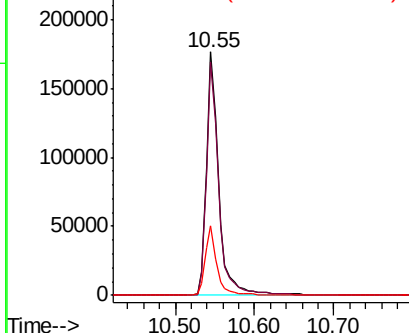
#42
 2,4,6-Tribromophenol
 Concen: 63.754 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113092.D
 Acq: 18 Mar 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :
 LSP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.2	114.4
141	27.5	27.0	40.6

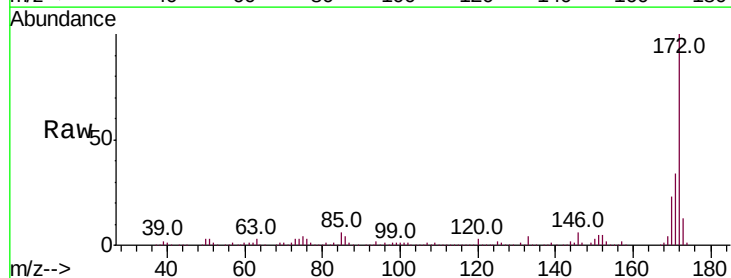


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

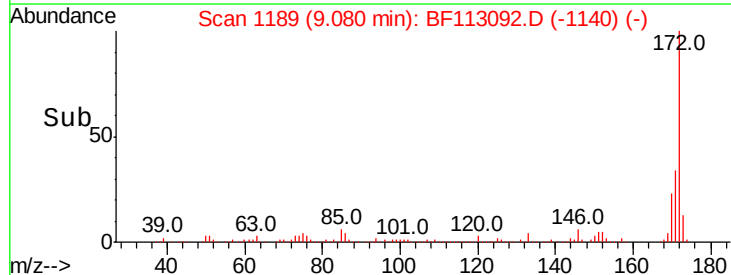
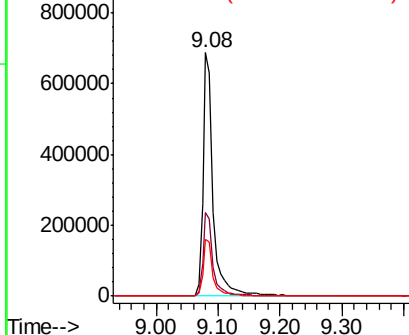


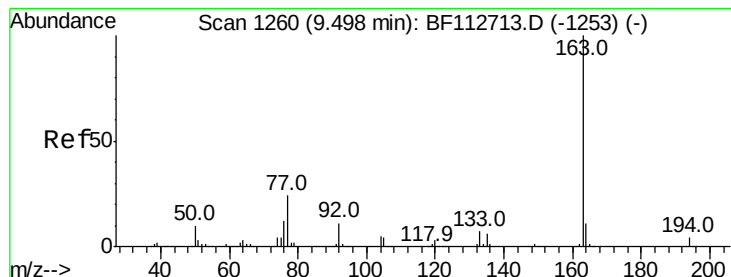
#45
 2-Fluorobiphenyl
 Concen: 39.743 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113092.D
 Acq: 18 Mar 2019 16:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	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





#50

Dimethylphthalate

Concen: 2.248 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113092.D

Acq: 18 Mar 2019 16:05

Instrument :

BNA_F

ClientSampleId :

LSP-1

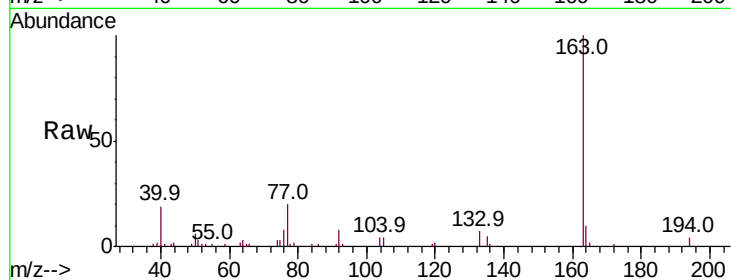
Tot Ion:163 Resp: 47309

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

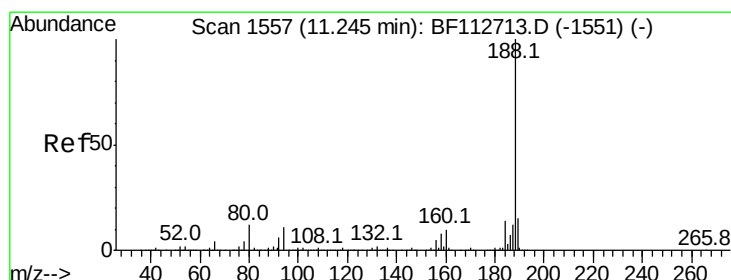
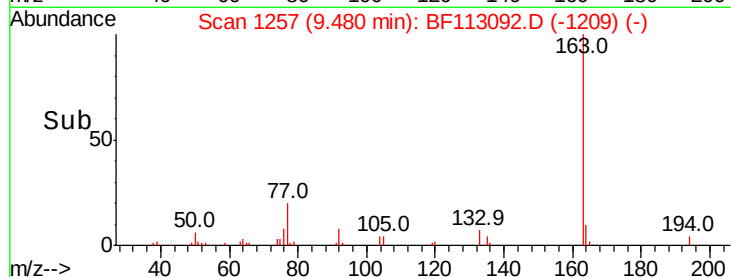
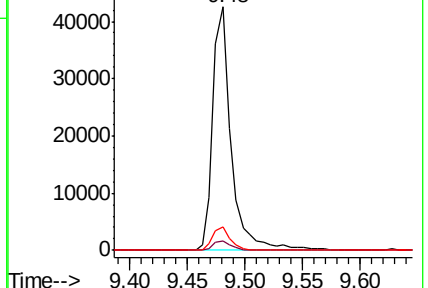
164 9.9 8.4 12.6



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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113092.D

Acq: 18 Mar 2019 16:05

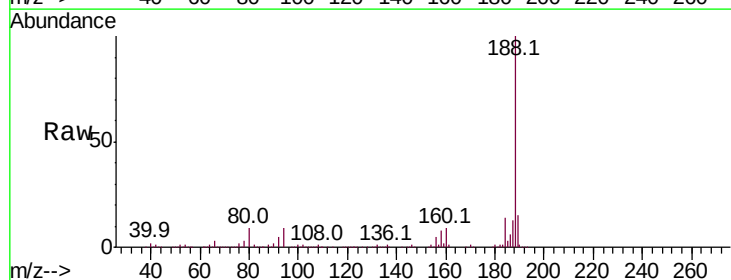
Tgt Ion:188 Resp: 526879

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.4#

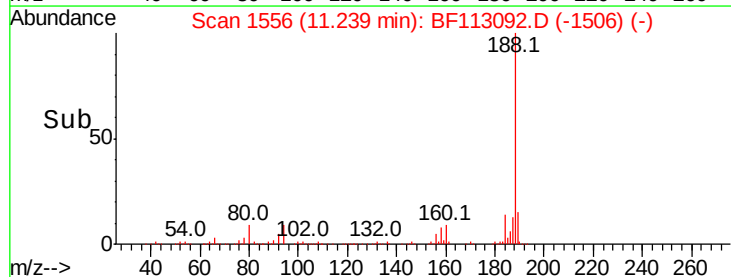
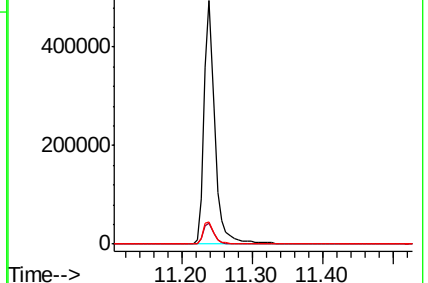
80 9.1 9.2 13.8#

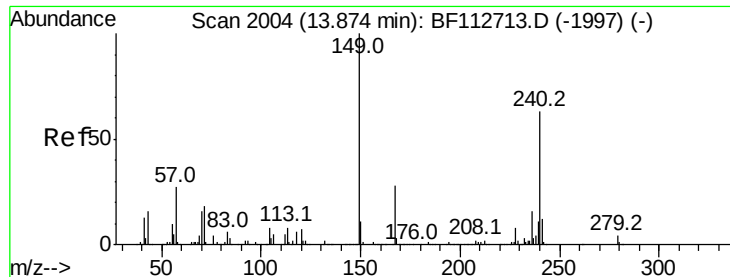


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

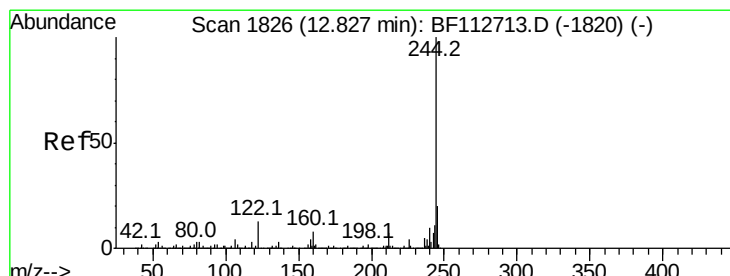
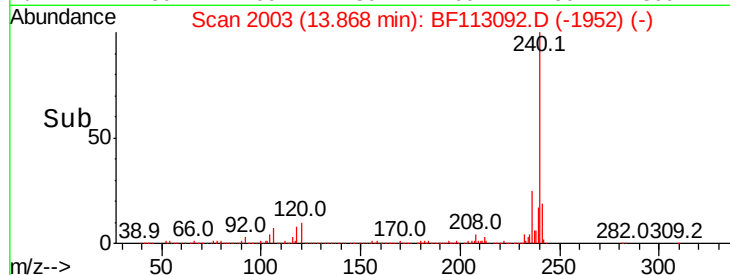
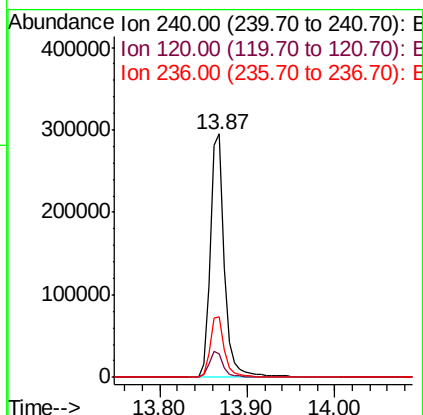
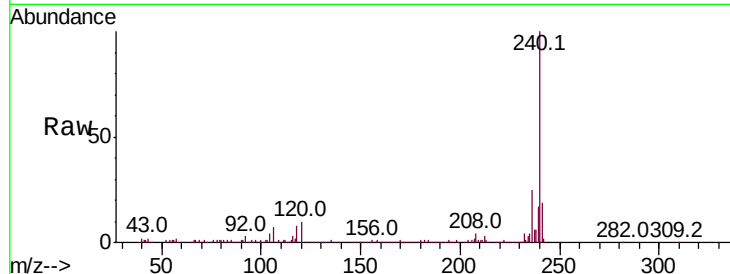




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF113092.D
 Acq: 18 Mar 2019 16:05

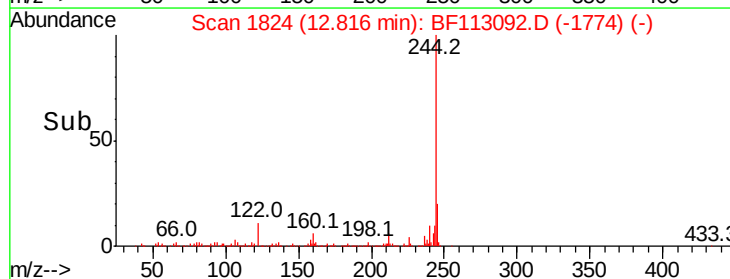
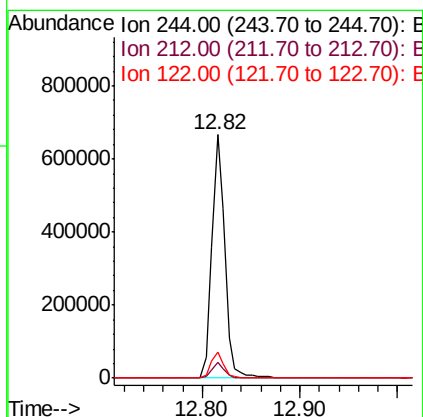
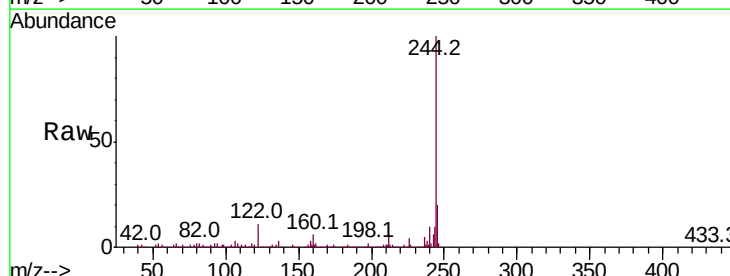
Instrument :
 BNA_F
 ClientSampleId :
 LSP-1

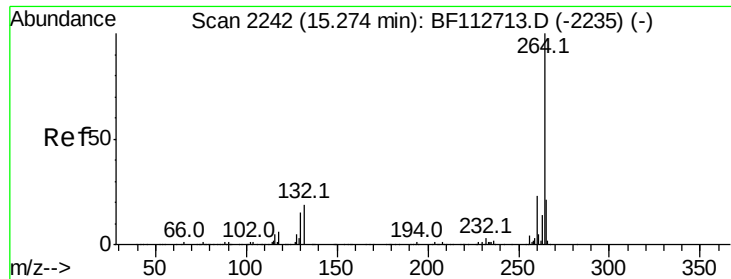
Tot Ion:240 Resp: 332694
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.9 13.3
 236 25.0 20.7 31.1



#79
 Terphenyl-d14
 Concen: 35.779 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113092.D
 Acq: 18 Mar 2019 16:05

Tgt Ion:244 Resp: 614059
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.7 10.5 15.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113092.D
Acq: 18 Mar 2019 16:05

Instrument :
BNA_F
ClientSampleId :
LSP-1

Tot Ion:264 Resp: 440881

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.8	17.2	25.8

