

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112967.D
 Acq On : 11 Mar 2019 21:00
 Operator : JU/SJ
 Sample : K1691-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-030819-C

Quant Time: Mar 12 05:38:59 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	155228	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	579802	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	298958	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	710790	20.00	ng	0.00
76) Chrysene-d12	13.86	240	659310	20.00	ng	-0.01
87) Perylene-d12	15.27	264	532511	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	913697	91.56	ng	0.00
7) Phenol-d6	6.36	99	1078578	86.04	ng	0.00
23) Nitrobenzene-d5	7.29	82	841825	86.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	508198	160.12	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1612971	91.12	ng	-0.01
79) Terphenyl-d14	12.82	244	2201420	64.73	ng	0.00

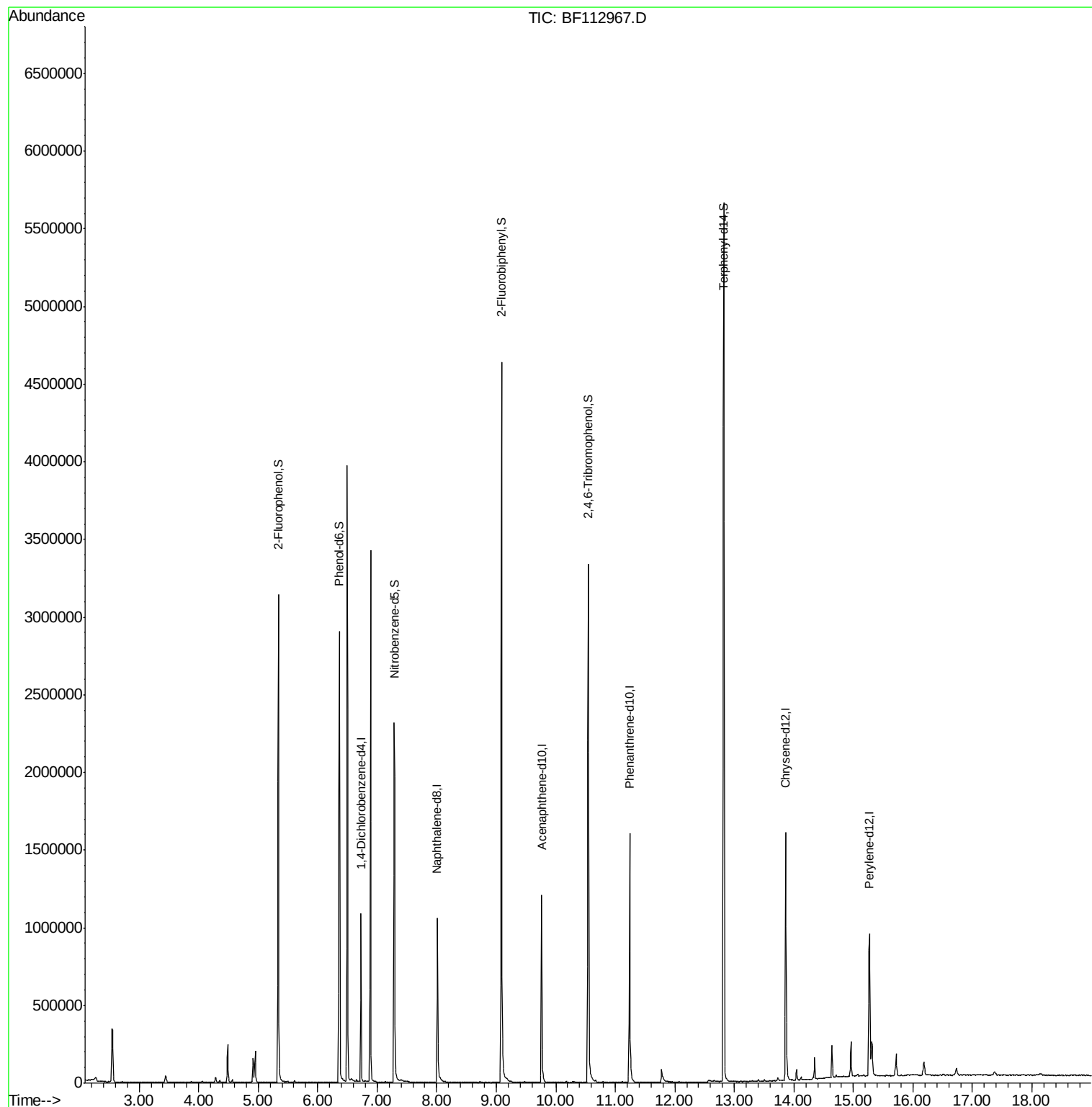
Target Compounds Qvalue

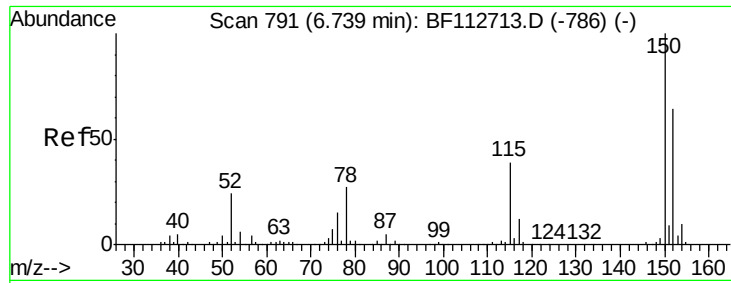
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 01 15:40:43 2019
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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: BF112967.D

Acq: 11 Mar 2019 21:00

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-C

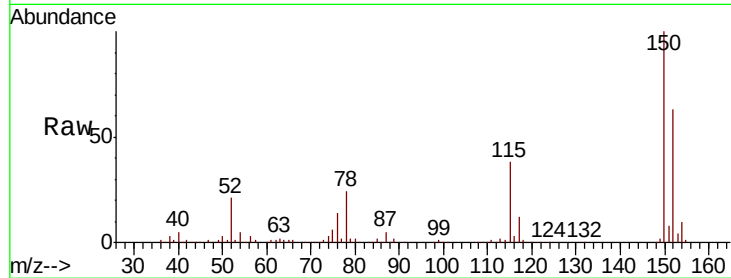
Tot Ion:152 Resp: 155228

Ion Ratio Lower Upper

152 100

150 158.1 124.2 186.2

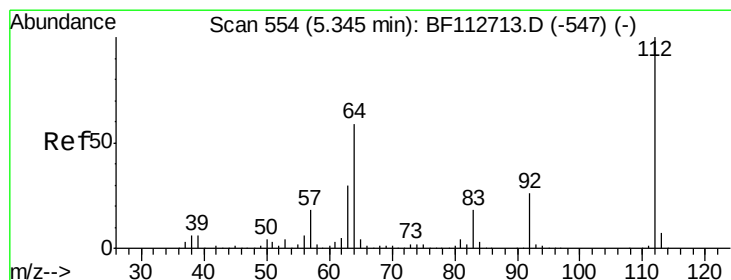
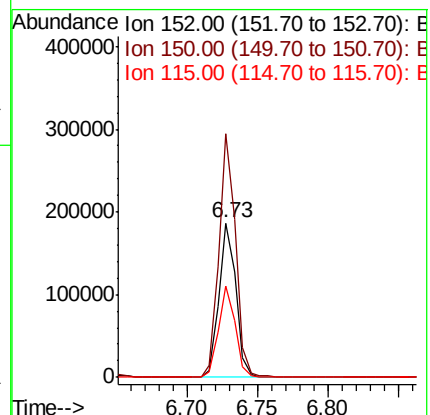
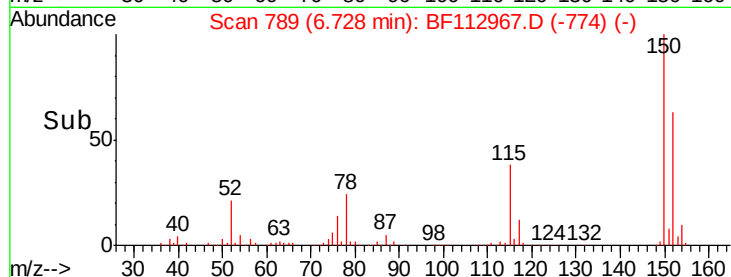
115 59.6 48.2 72.4



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: 91.562 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF112967.D

Acq: 11 Mar 2019 21:00

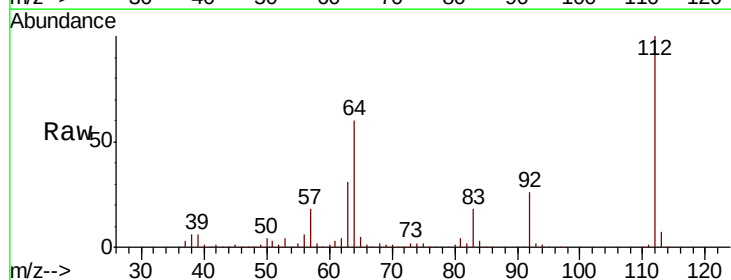
Tgt Ion:112 Resp: 913697

Ion Ratio Lower Upper

112 100

64 60.1 47.6 71.4

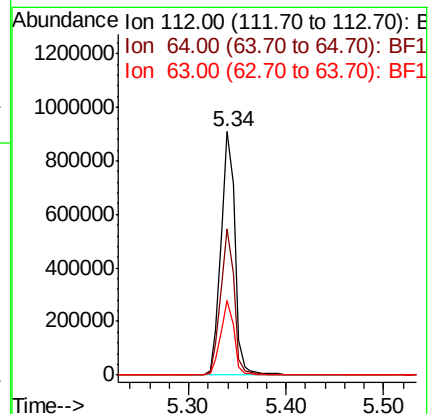
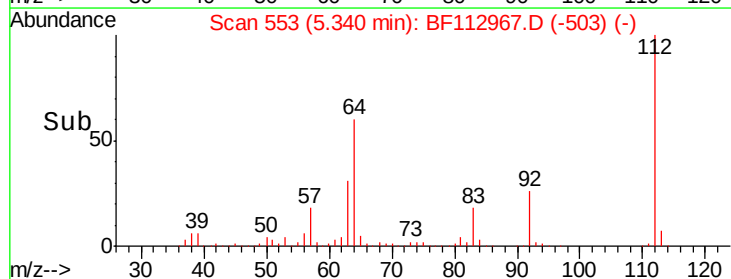
63 30.7 24.4 36.6

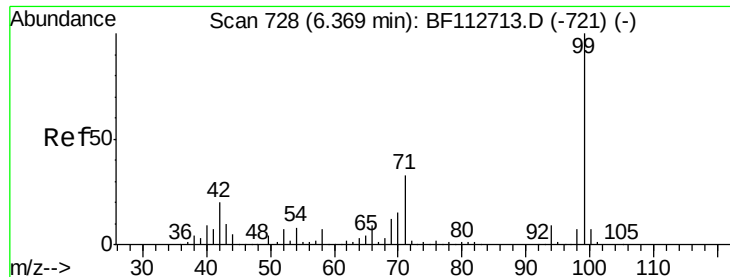


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 86.043 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112967.D

Acq: 11 Mar 2019 21:00

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-C

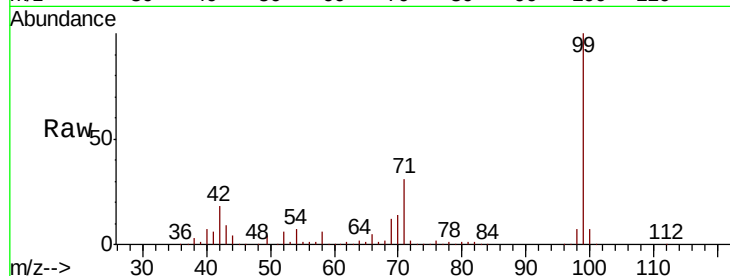
Tot Ion: 99 Resp: 1078578

Ion Ratio Lower Upper

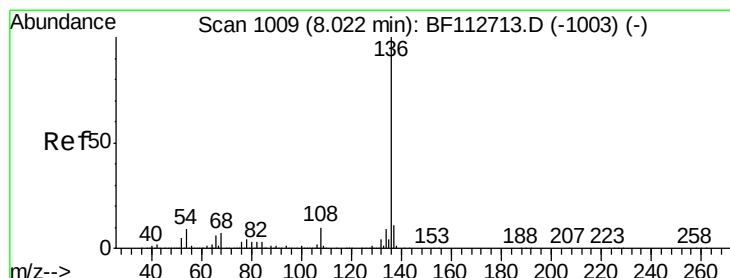
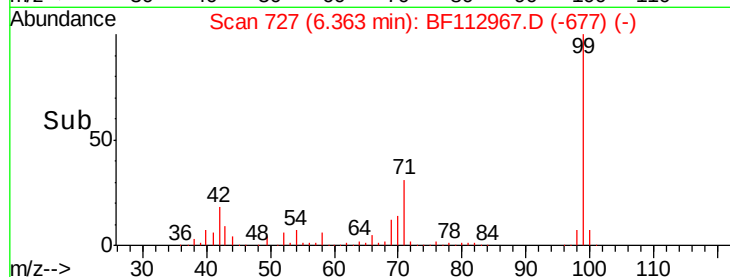
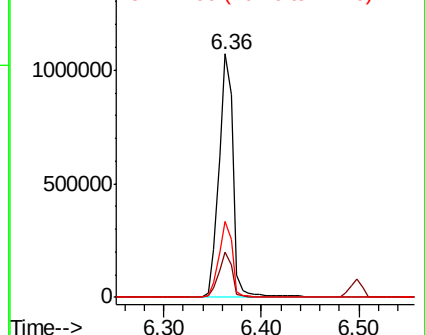
99 100

42 18.4 16.3 24.5

71 31.4 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: BF112967.D

Acq: 11 Mar 2019 21:00

Tgt Ion: 136 Resp: 579802

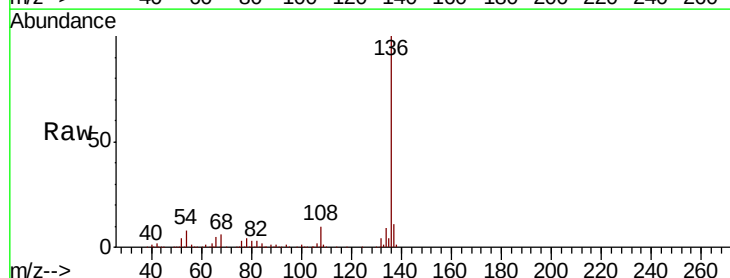
Ion Ratio Lower Upper

136 100

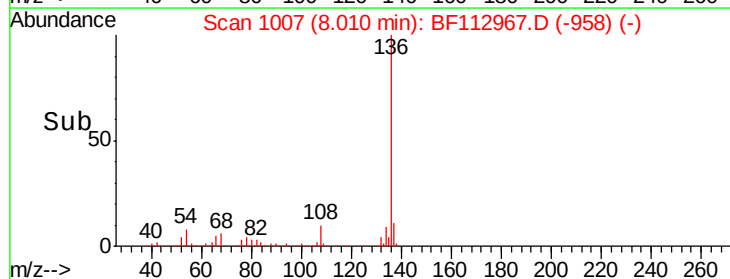
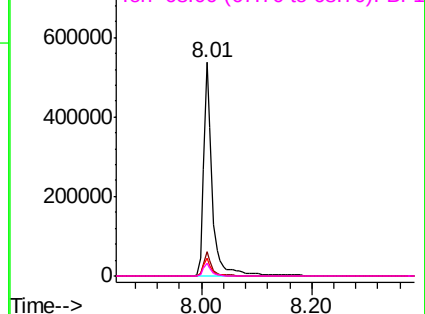
137 11.1 8.9 13.3

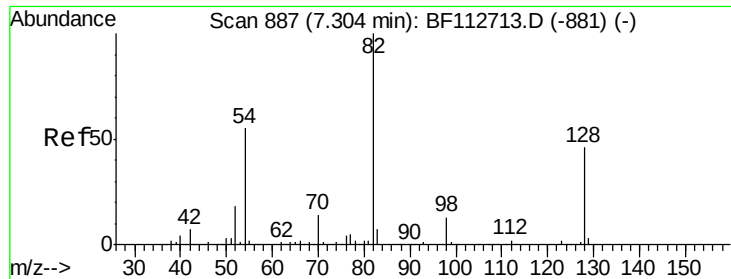
54 8.2 7.3 10.9

68 6.0 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

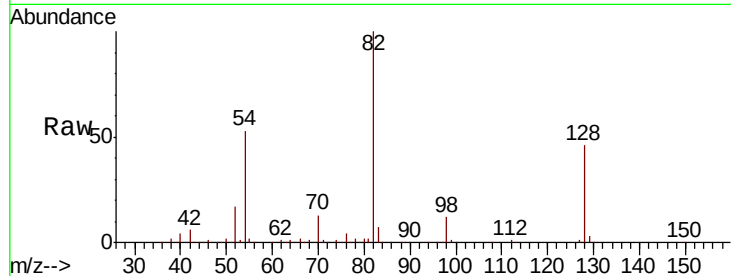




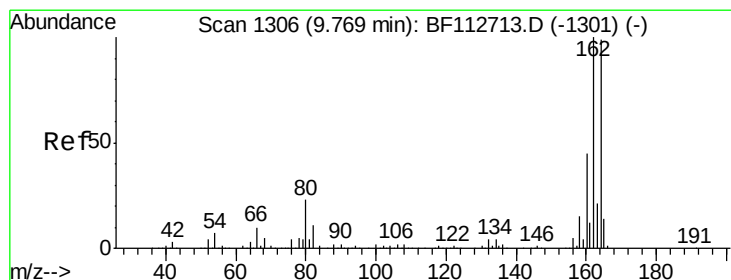
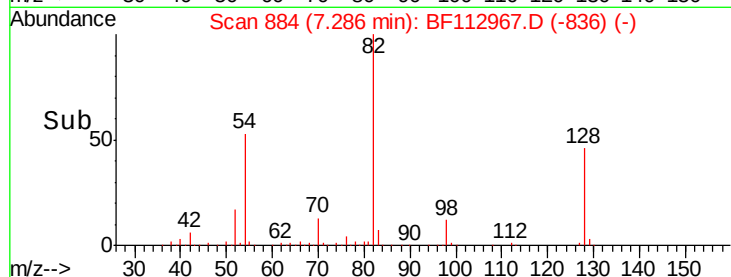
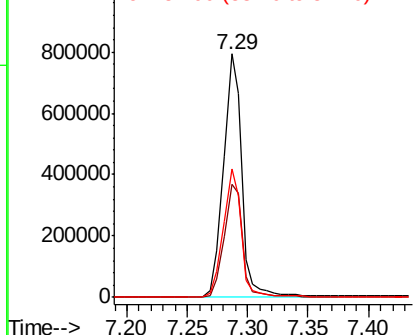
#23
 Nitrobenzene-d5
 Concen: 86.880 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF112967.D
 Acq: 11 Mar 2019 21:00

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-030819-C

Tot Ion	82	Resp	841825
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.3	54.5
54	52.8	43.7	65.5

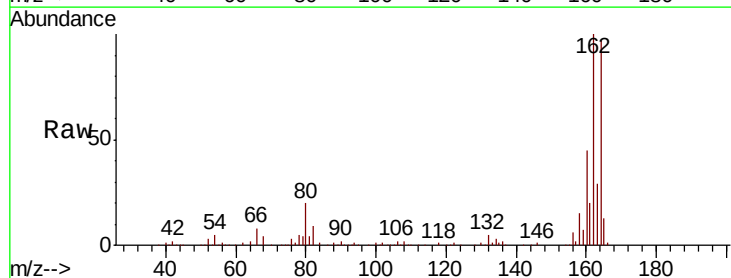


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

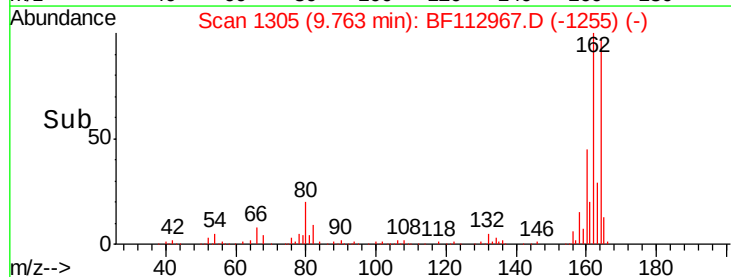
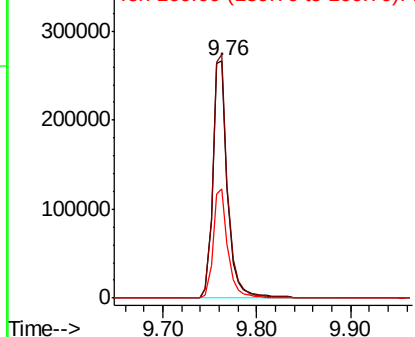


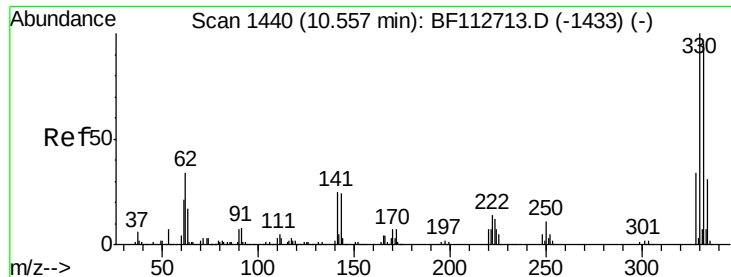
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112967.D
 Acq: 11 Mar 2019 21:00

Tgt Ion	164	Resp	298958
Ion Ratio	Lower	Upper	
164	100		
162	102.6	80.6	120.8
160	46.1	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: 160.122 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112967.D

Acq: 11 Mar 2019 21:00

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-C

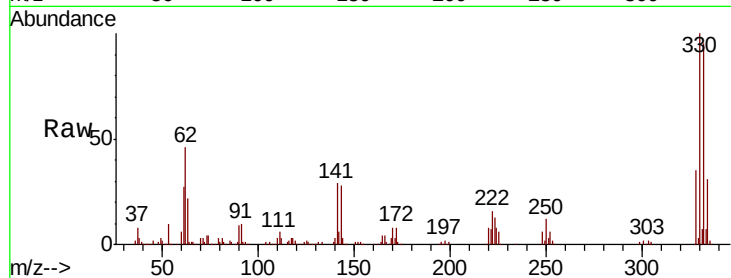
Tot Ion:330 Resp: 508198

Ion Ratio Lower Upper

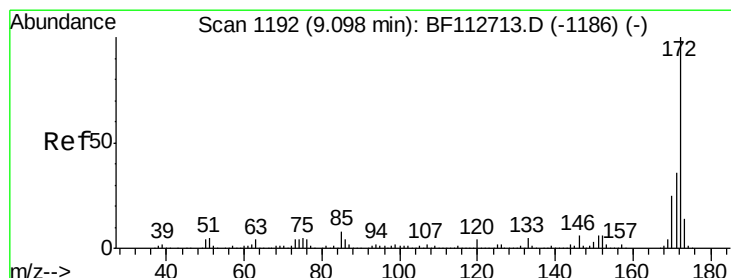
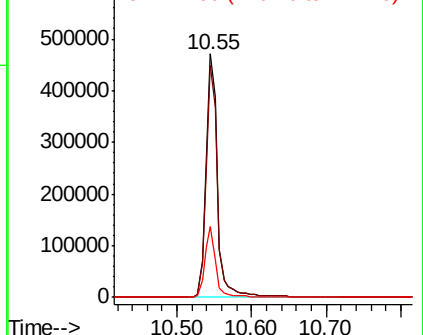
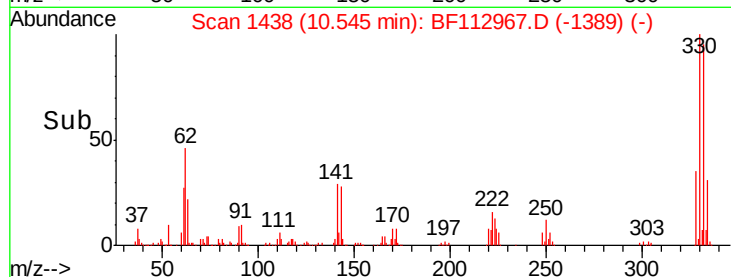
330 100

332 95.3 76.2 114.4

141 27.7 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: 91.123 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112967.D

Acq: 11 Mar 2019 21:00

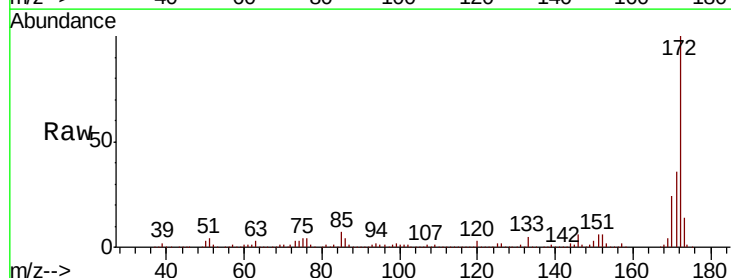
Tgt Ion:172 Resp: 1612971

Ion Ratio Lower Upper

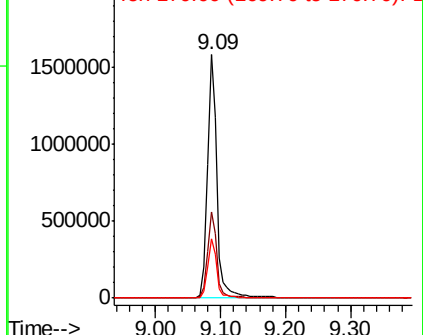
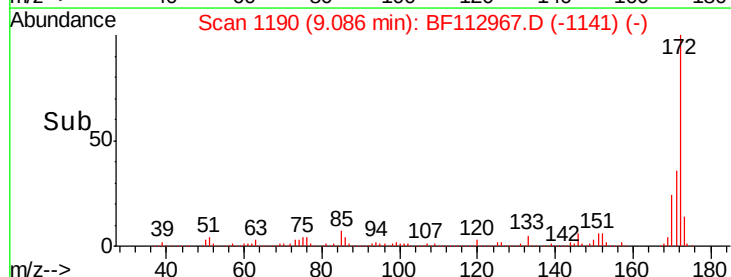
172 100

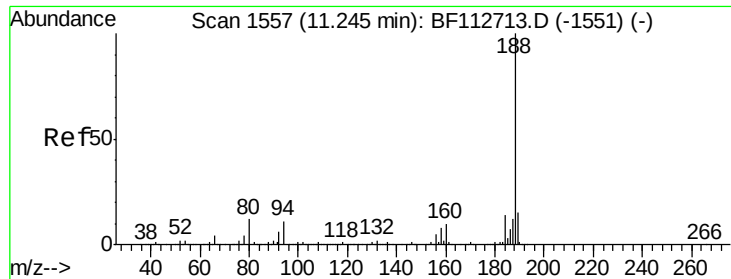
171 35.5 29.0 43.4

170 24.4 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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112967.D

Acq: 11 Mar 2019 21:00

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-C

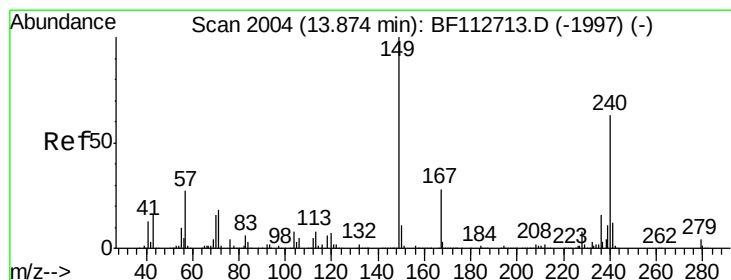
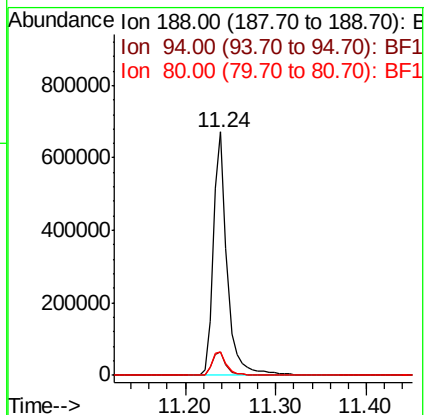
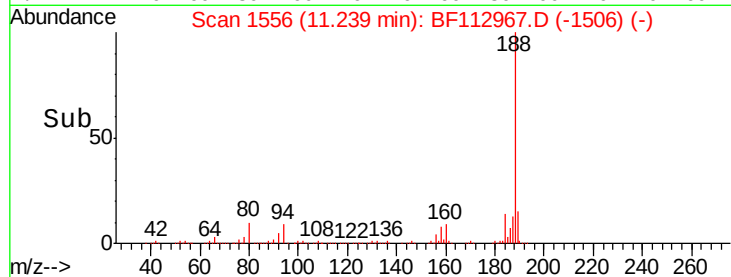
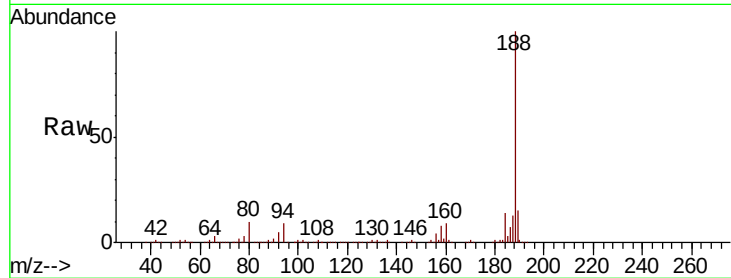
Tot Ion:188 Resp: 710790

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.4

80 9.7 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: BF112967.D

Acq: 11 Mar 2019 21:00

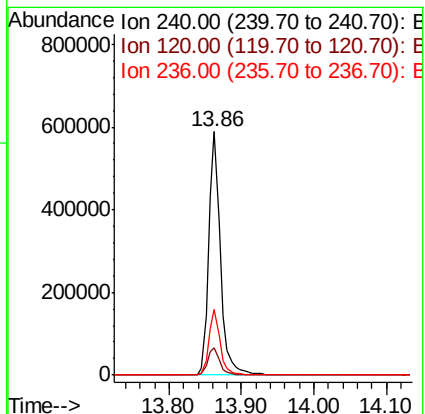
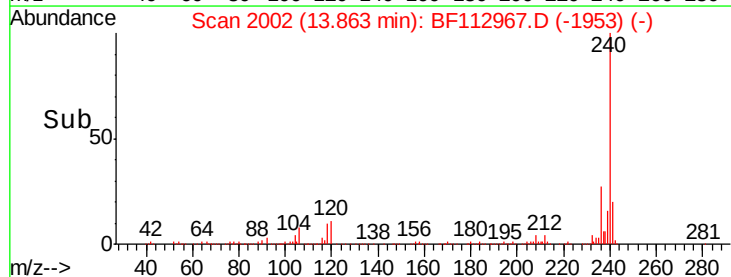
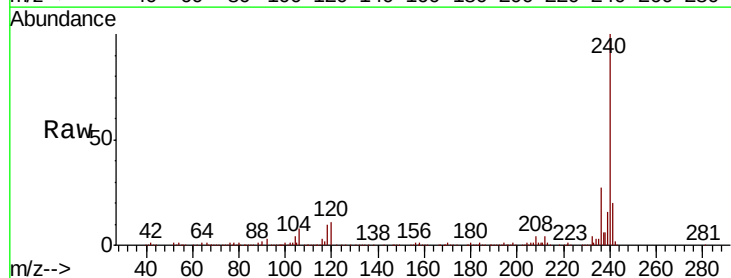
Tgt Ion:240 Resp: 659310

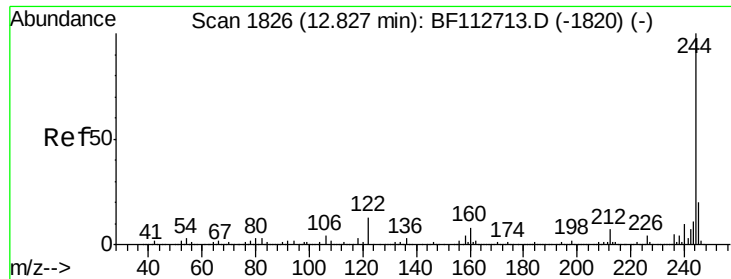
Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

236 26.9 20.7 31.1

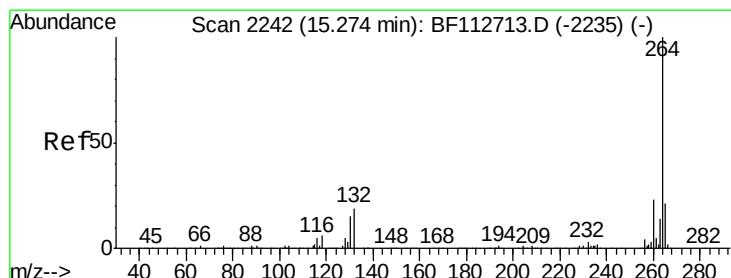
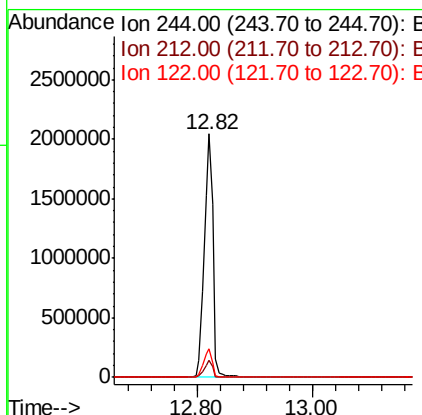
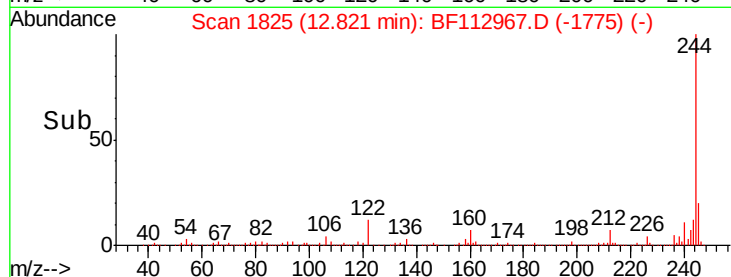
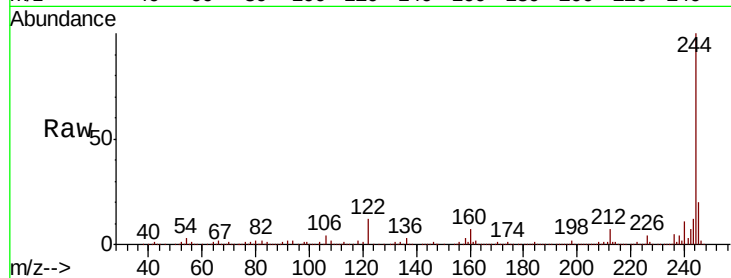




#79
 Terphenyl-d14
 Concen: 64.726 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112967.D
 Acq: 11 Mar 2019 21:00

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-030819-C

Tot Ion:244 Resp: 2201420
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.9 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: BF112967.D
 Acq: 11 Mar 2019 21:00

Tgt Ion:264 Resp: 532511
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.6 17.2 25.8

