

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112965.D
 Acq On : 11 Mar 2019 20:05
 Operator : JU/SJ
 Sample : K1691-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 12 05:36:41 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	135238	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	519145	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	270166	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	641100	20.00	ng	0.00
76) Chrysene-d12	13.86	240	604295	20.00	ng	-0.01
87) Perylene-d12	15.27	264	510963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	883679	101.64	ng	0.00
7) Phenol-d6	6.36	99	1015461	92.98	ng	0.00
23) Nitrobenzene-d5	7.29	82	795124	91.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	472528	164.75	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1556806	100.15	ng	-0.01
79) Terphenyl-d14	12.82	244	2162924	69.38	ng	0.00

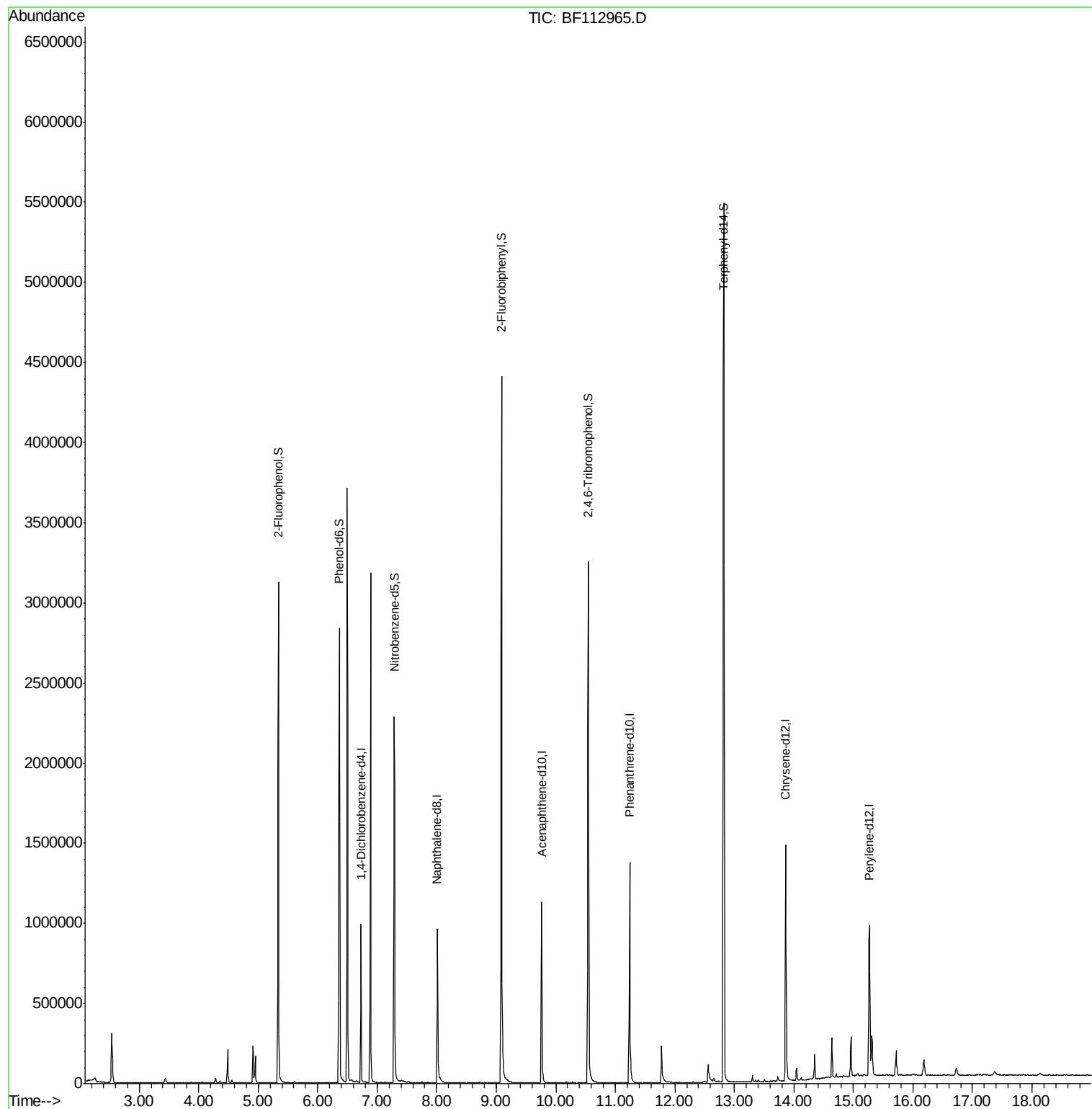
Target Compounds Qvalue

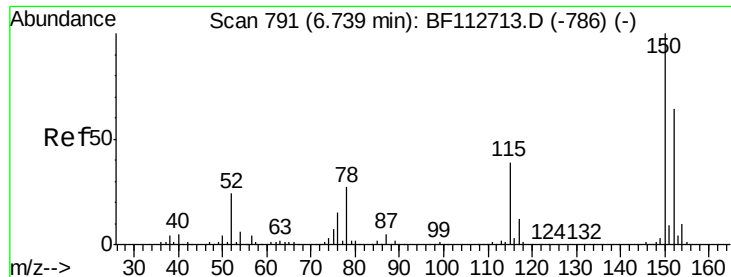
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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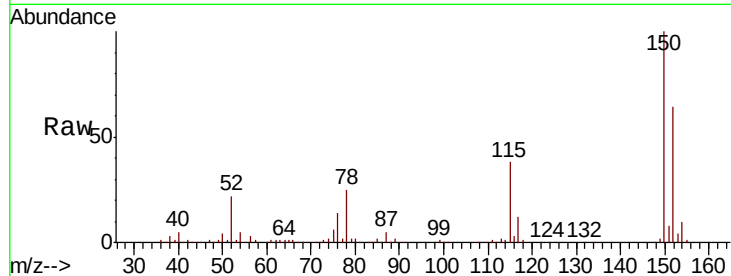


#1

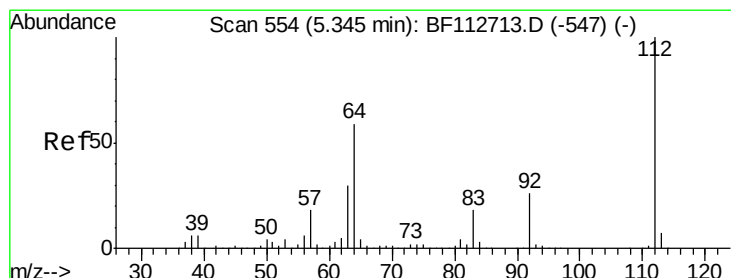
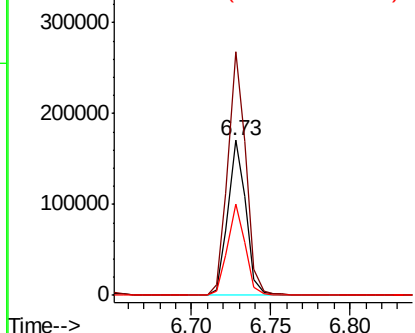
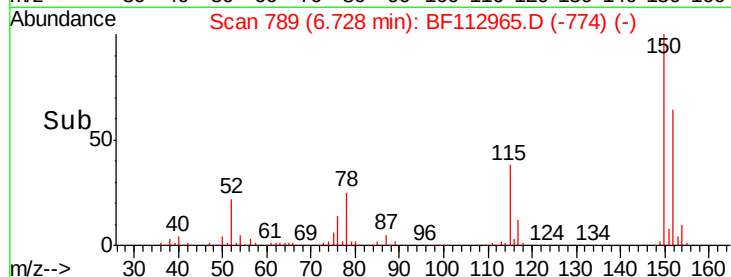
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112965.D
Acq: 11 Mar 2019 20:05

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

Tot Ion:152 Resp: 135238
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.2
115 58.9 48.2 72.4



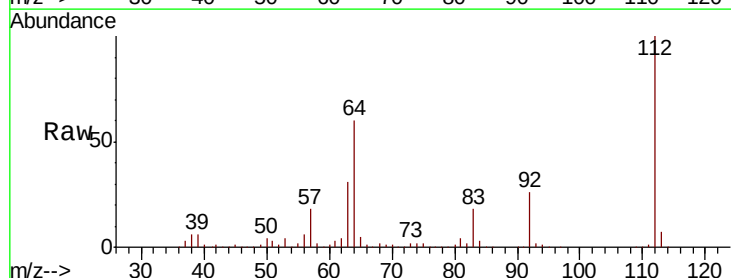
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



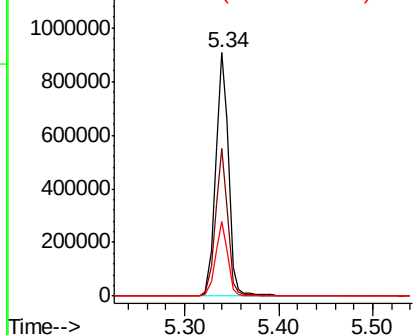
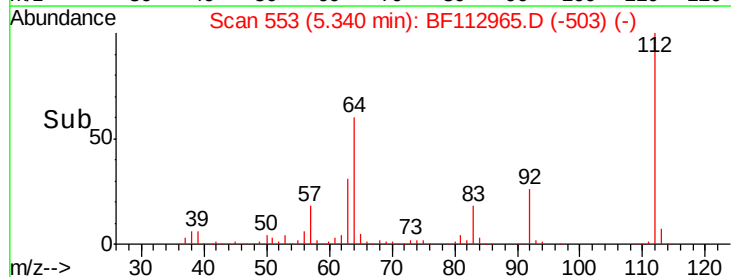
#5

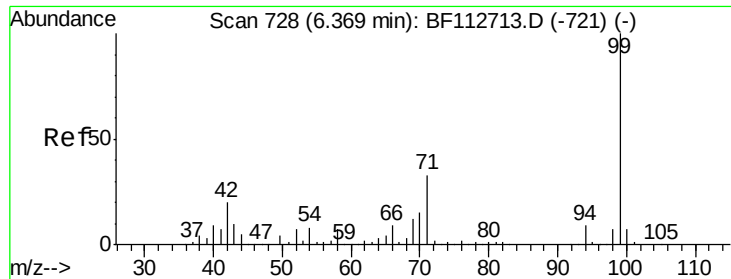
2-Fluorophenol
Concen: 101.643 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112965.D
Acq: 11 Mar 2019 20:05

Tgt Ion:112 Resp: 883679
Ion Ratio Lower Upper
112 100
64 60.4 47.6 71.4
63 30.6 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: 92.982 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112965.D

Acq: 11 Mar 2019 20:05

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-B

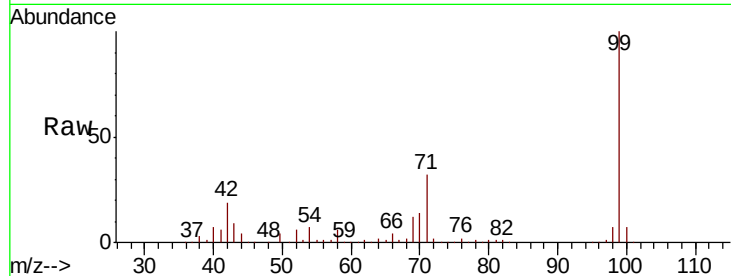
Tot Ion: 99 Resp: 1015461

Ion Ratio Lower Upper

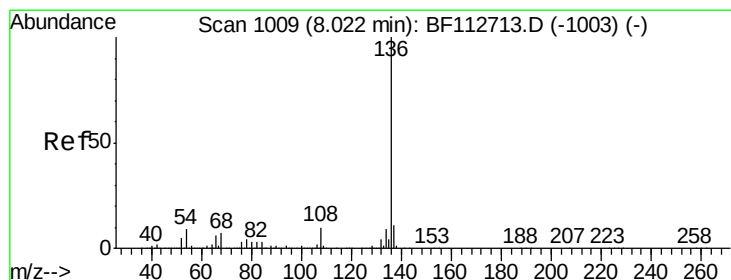
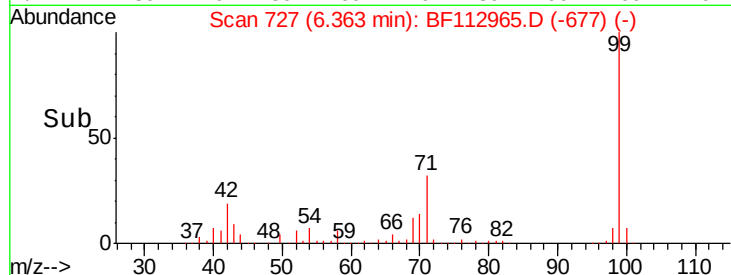
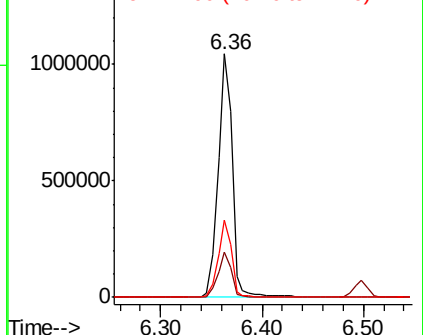
99 100

42 18.6 16.3 24.5

71 31.6 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: BF112965.D

Acq: 11 Mar 2019 20:05

Tgt Ion: 136 Resp: 519145

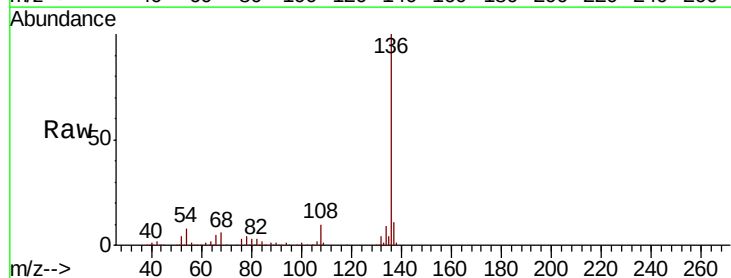
Ion Ratio Lower Upper

136 100

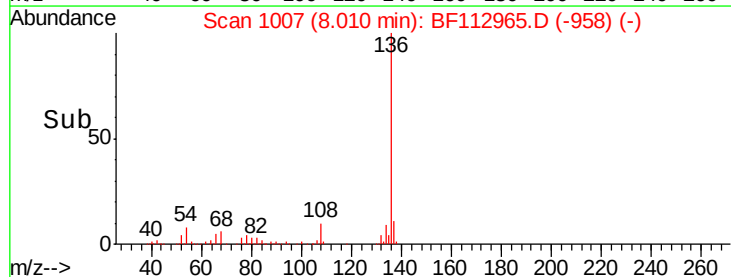
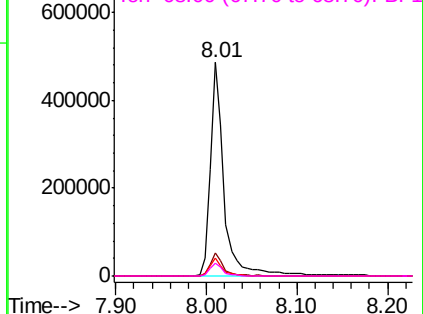
137 11.1 8.9 13.3

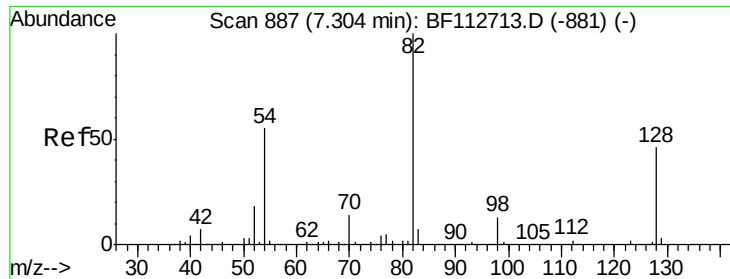
54 8.4 7.3 10.9

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

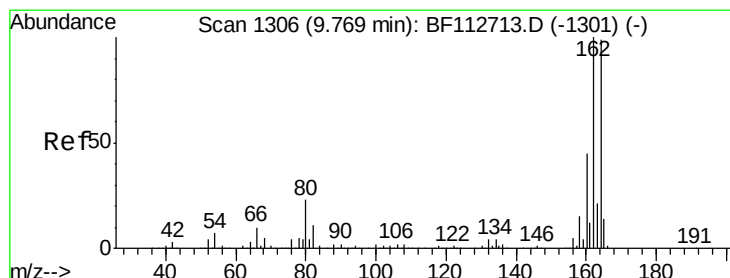
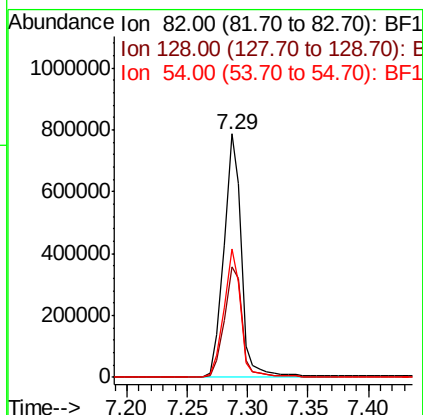
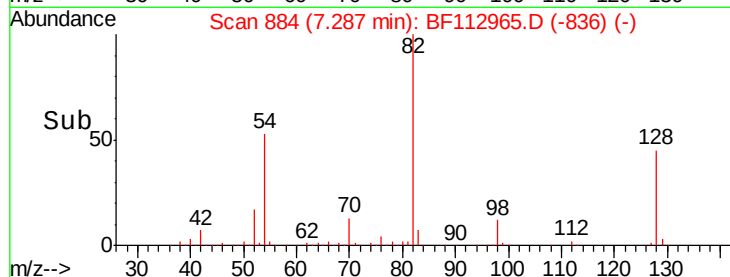
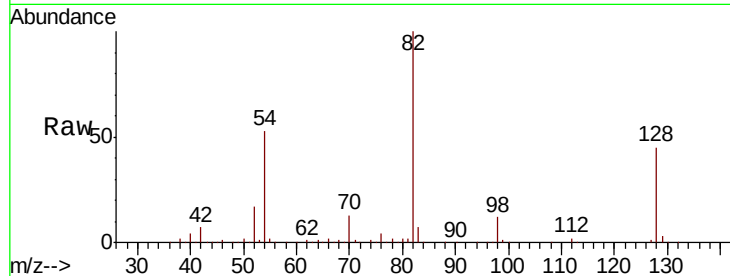




#23
Nitrobenzene-d5
Concen: 91.648 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112965.D
Acq: 11 Mar 2019 20:05

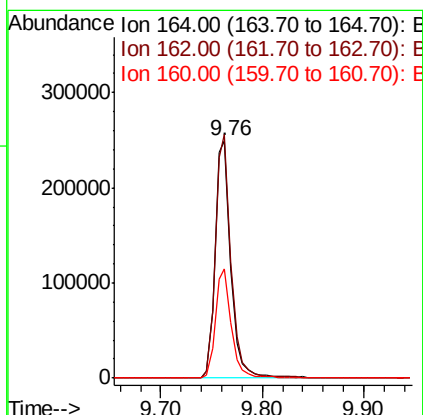
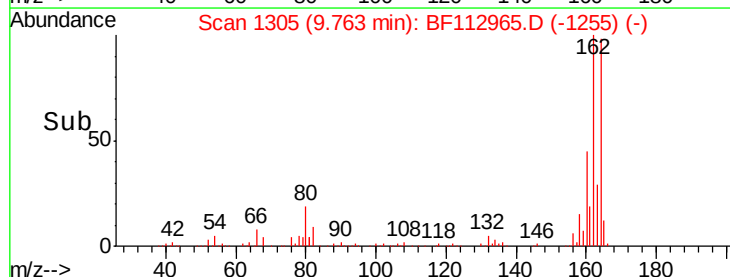
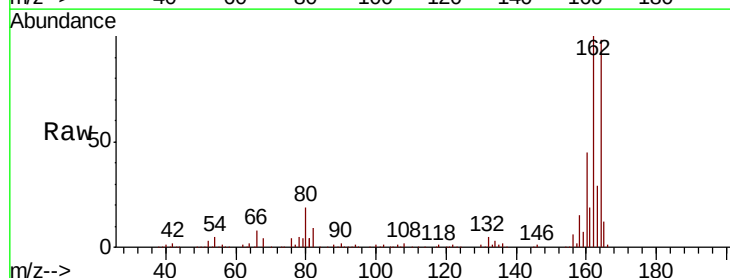
Instrument :
BNA_F
ClientSampleId :
CL-02-030819-B

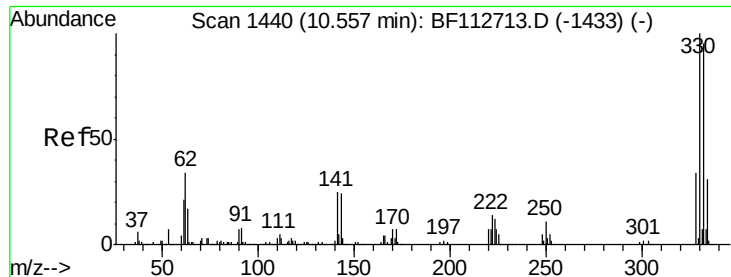
Tot Ion: 82 Resp: 795124
Ion Ratio Lower Upper
82 100
128 45.2 36.3 54.5
54 52.5 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112965.D
Acq: 11 Mar 2019 20:05

Tgt Ion:164 Resp: 270166
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 46.0 36.0 54.0

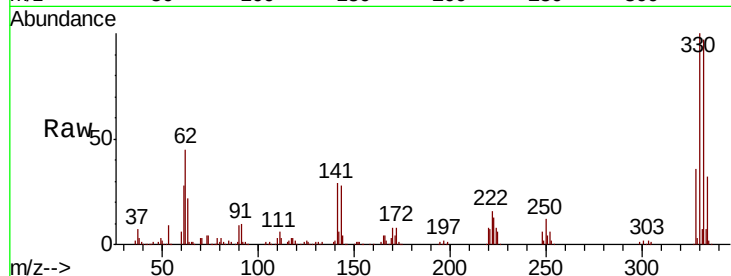




#42
 2,4,6-Tribromophenol
 Concen: 164.750 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112965.D
 Acq: 11 Mar 2019 20:05

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	28.0	27.0	40.6

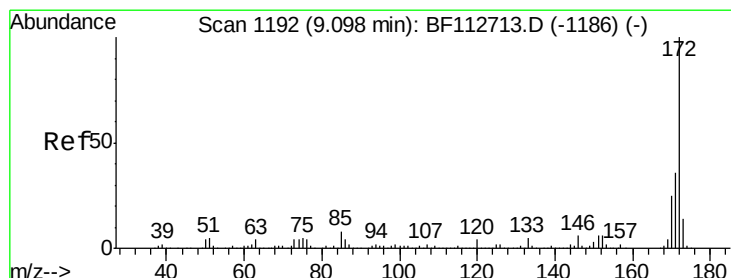
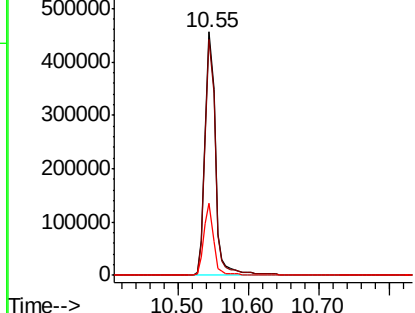
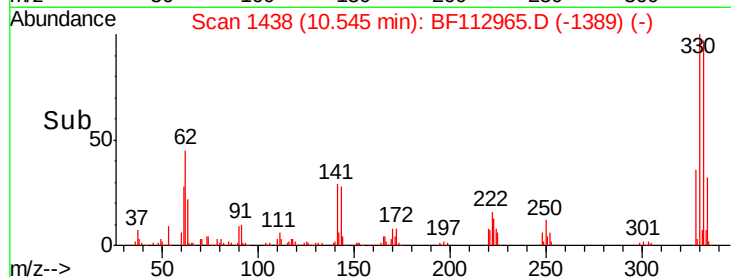


Abundance

Ion 329.80 (329.50 to 330.50): E

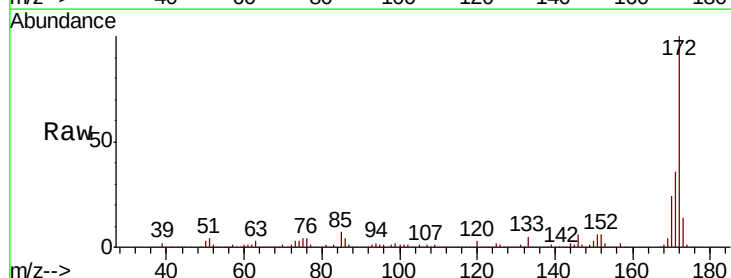
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 100.149 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112965.D
 Acq: 11 Mar 2019 20:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.1	20.0	30.0

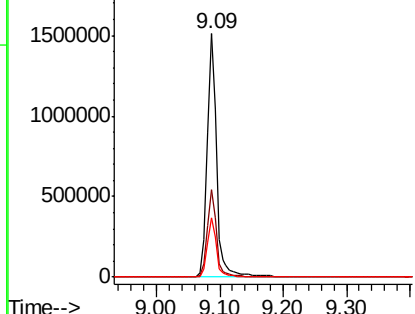
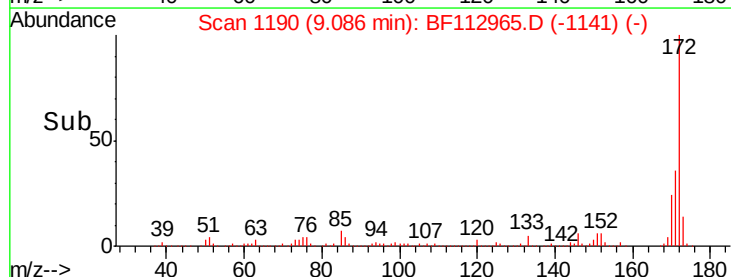


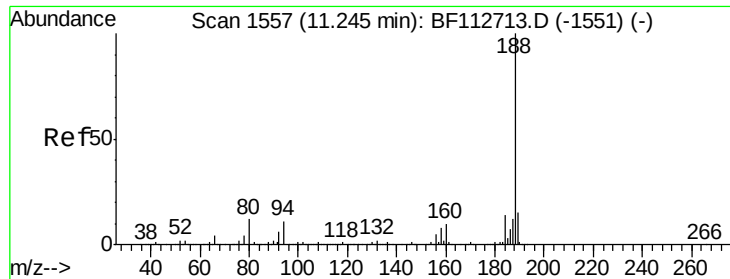
Abundance

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

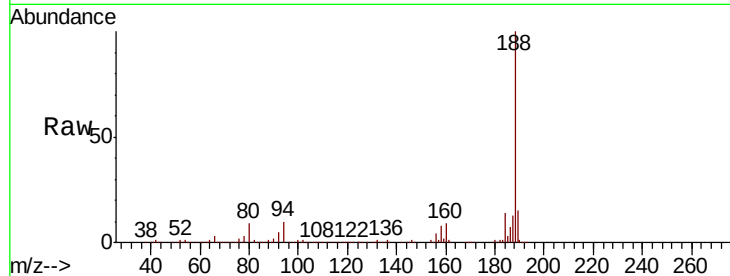




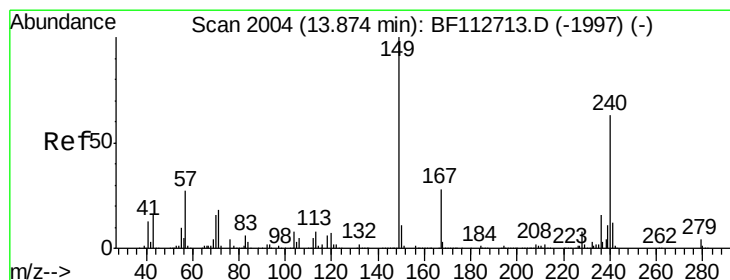
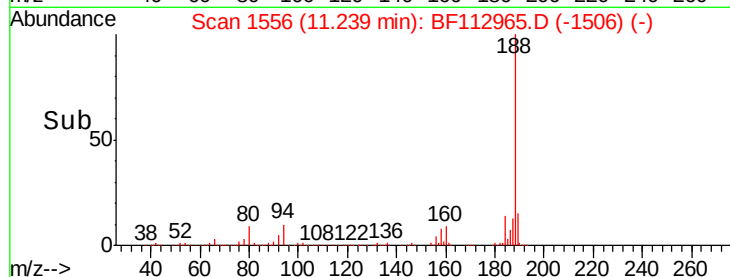
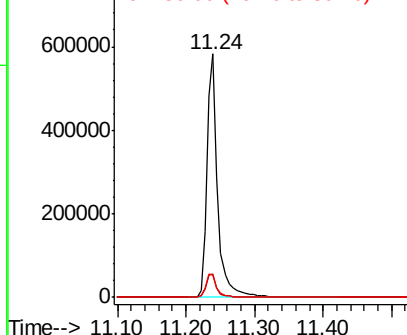
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112965.D
Acq: 11 Mar 2019 20:05

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

Tot Ion:188 Resp: 641100
Ion Ratio Lower Upper
188 100
94 9.7 9.0 13.4
80 9.2 9.2 13.8#

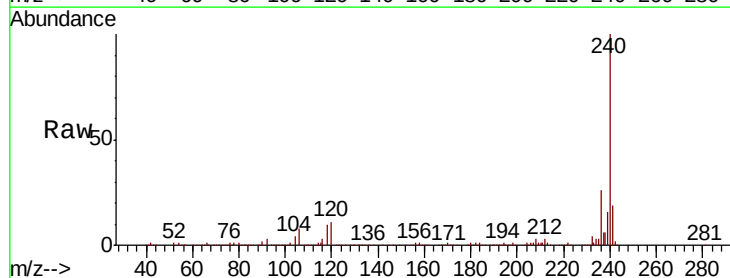


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

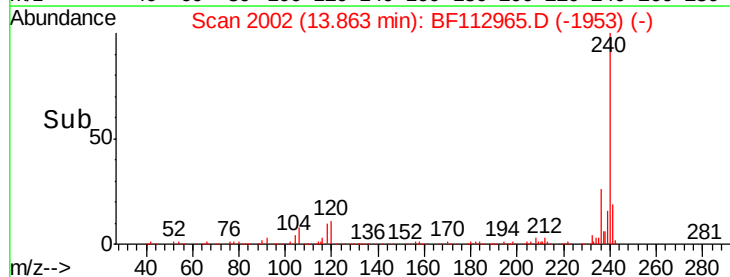
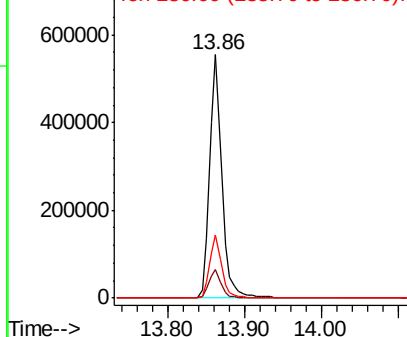


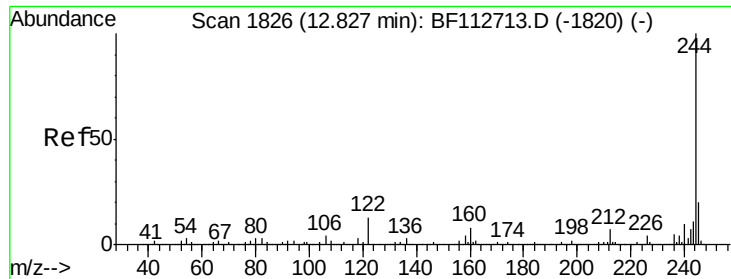
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112965.D
Acq: 11 Mar 2019 20:05

Tgt Ion:240 Resp: 604295
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.384 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112965.D

Acq: 11 Mar 2019 20:05

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-B

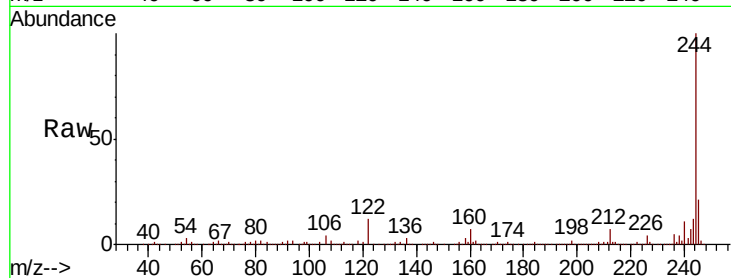
Tot Ion:244 Resp: 2162924

Ion Ratio Lower Upper

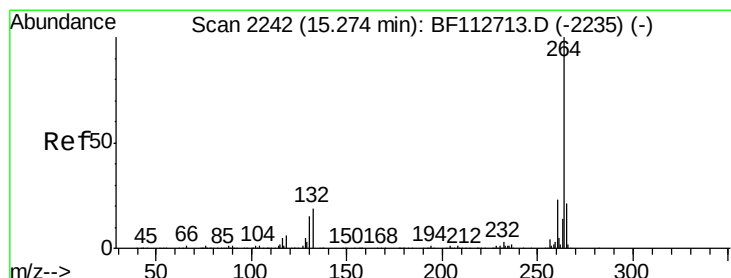
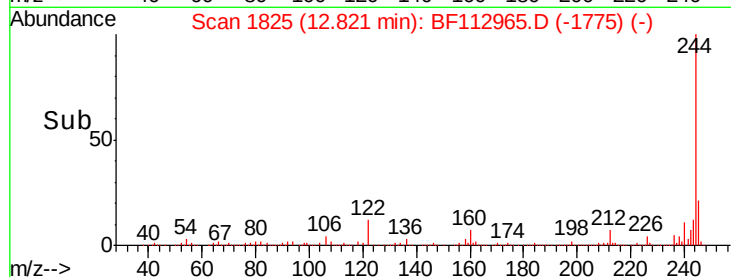
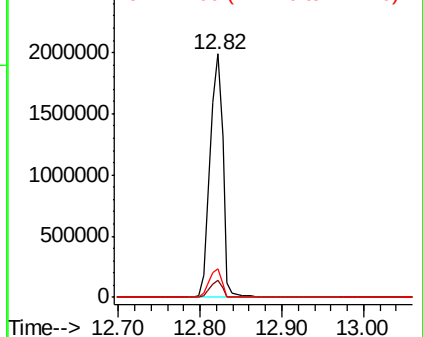
244 100

212 6.9 5.6 8.4

122 11.8 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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF112965.D

Acq: 11 Mar 2019 20:05

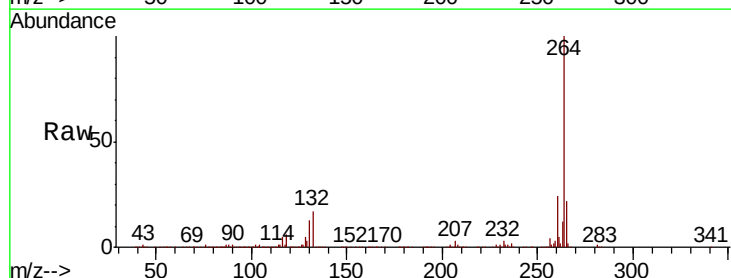
Tgt Ion:264 Resp: 510963

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.7 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

