

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113363.D
 Acq On : 28 Mar 2019 7:49
 Operator : JU/SJ
 Sample : K2097-12
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-6

Quant Time: Mar 28 09:12:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	160845	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	582699	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	261343	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	458654	20.00	ng	0.00
76) Chrysene-d12	13.83	240	389307	20.00	ng	-0.01
87) Perylene-d12	15.24	264	292320	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1082322	110.03	ng	0.02
7) Phenol-d6	6.35	99	1247329	100.23	ng	0.00
23) Nitrobenzene-d5	7.26	82	937778	95.52	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	331729	102.76	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1735727	109.10	ng	0.00
79) Terphenyl-d14	12.79	244	1547603	87.62	ng	0.00

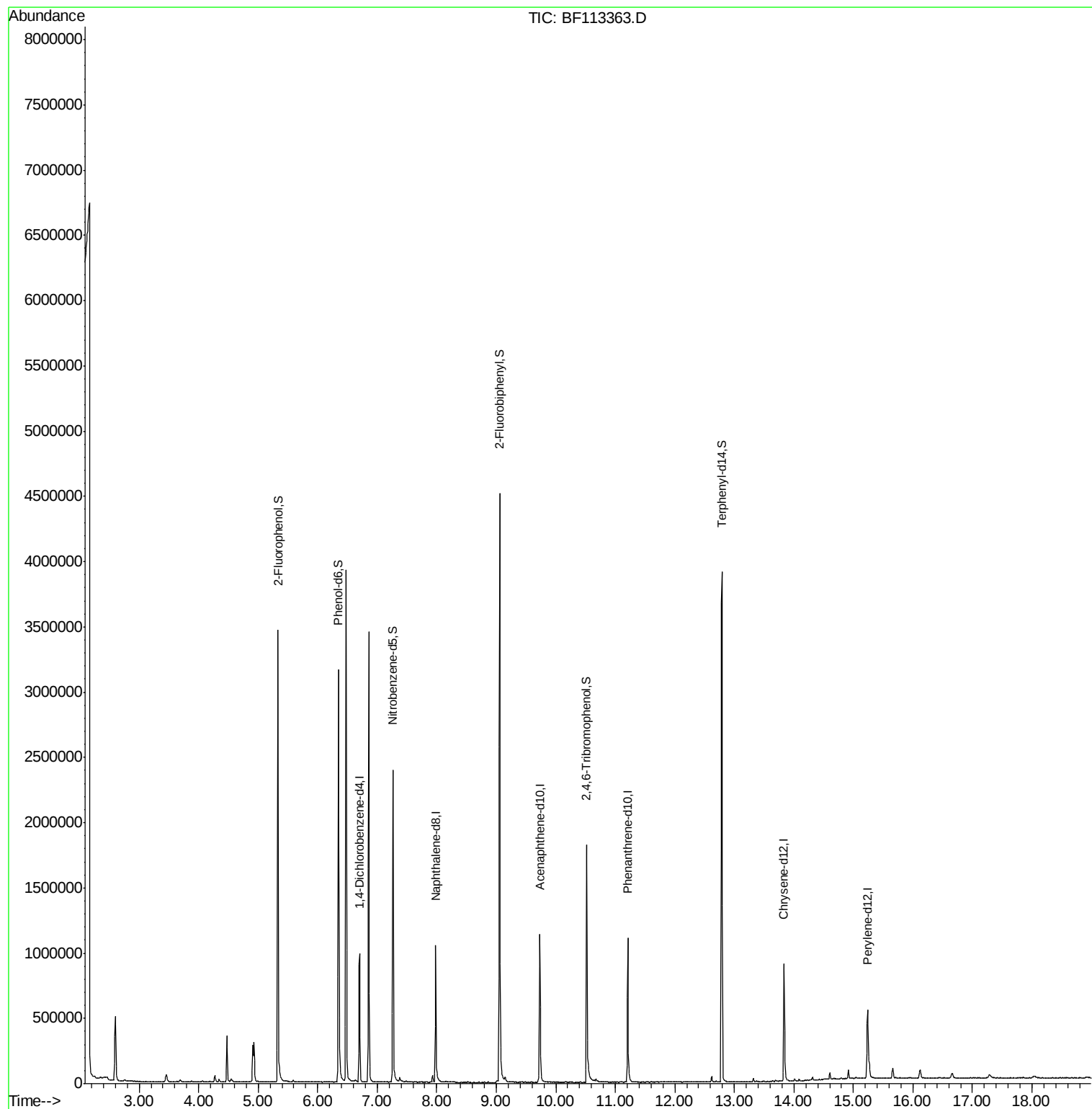
Target Compounds Qvalue

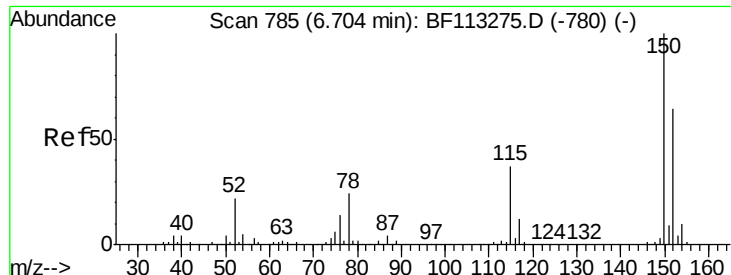
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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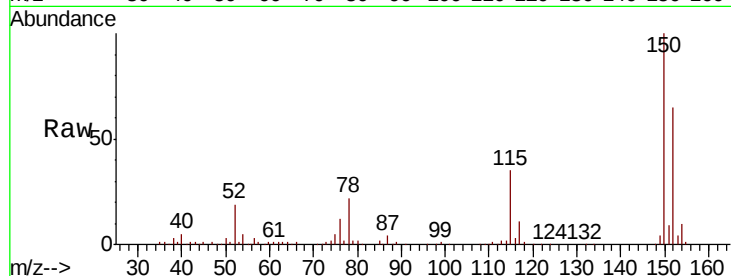


#1

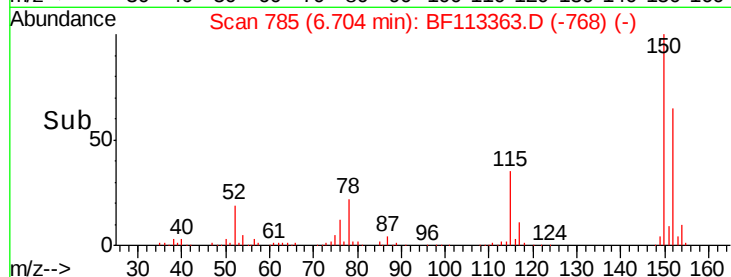
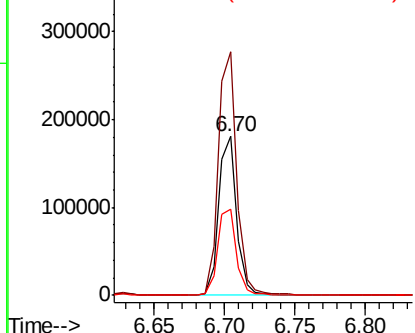
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113363.D
Acq: 28 Mar 2019 7:49

Instrument :
BNA_F
ClientSampleId :
CS-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.7	187.1
115	53.9	46.0	69.0



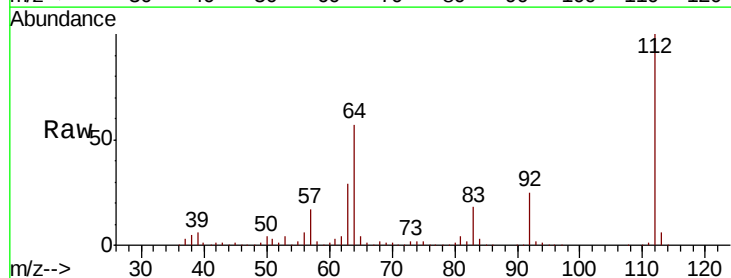
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



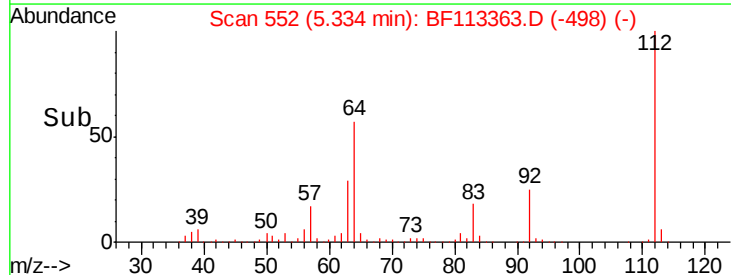
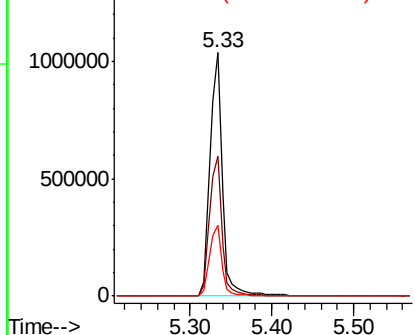
#5

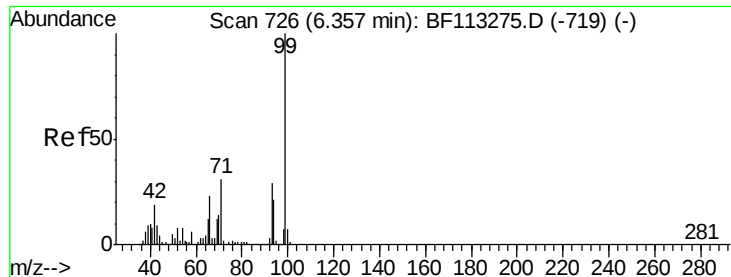
2-Fluorophenol
Concen: 110.027 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF113363.D
Acq: 28 Mar 2019 7:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	49.2	73.8
63	29.1	24.9	37.3



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: 100.234 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113363.D

Acq: 28 Mar 2019 7:49

Instrument :

BNA_F

ClientSampleId :

CS-6

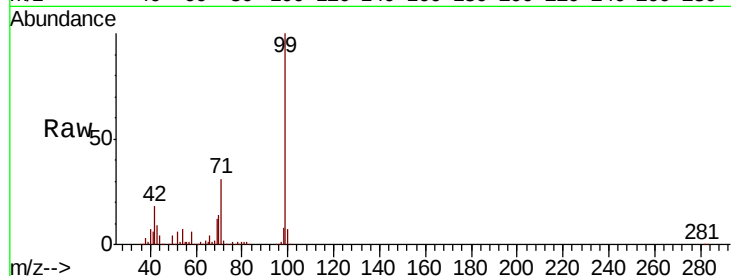
Tot Ion: 99 Resp: 1247329

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	31.3	24.9	37.3

99 100

42 18.2 14.8 22.2

71 31.3 24.9 37.3

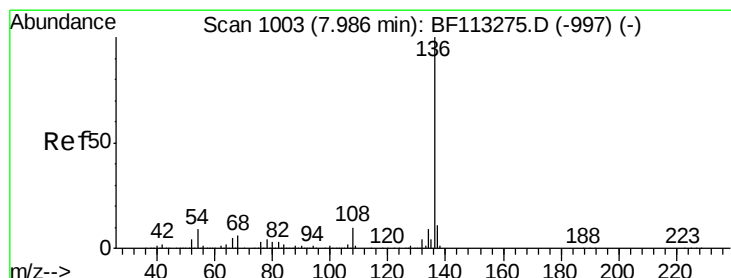
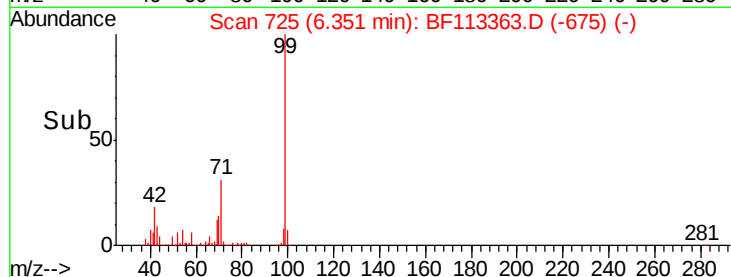
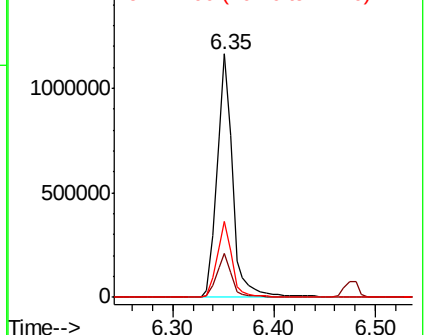


Abundance

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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113363.D

Acq: 28 Mar 2019 7:49

Tgt Ion: 136 Resp: 582699

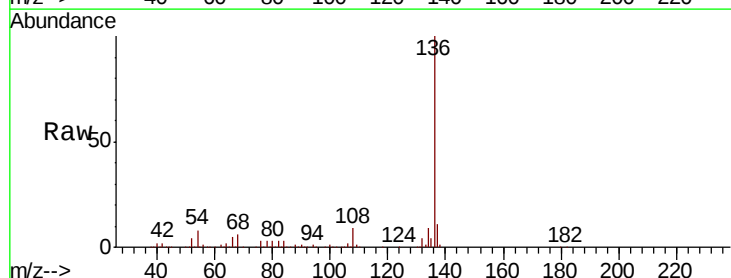
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.3	7.0	10.6
68	6.4	4.8	7.2

136 100

137 10.7 8.9 13.3

54 8.3 7.0 10.6

68 6.4 4.8 7.2



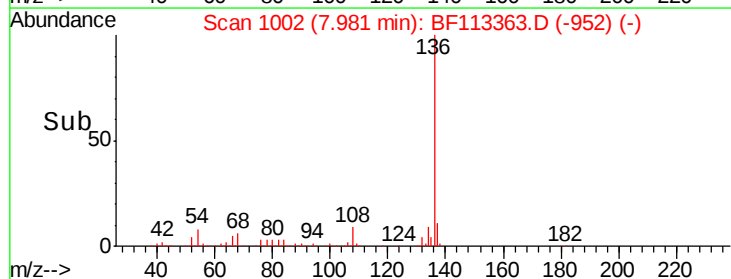
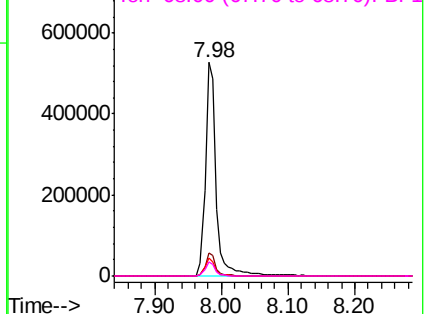
Abundance

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

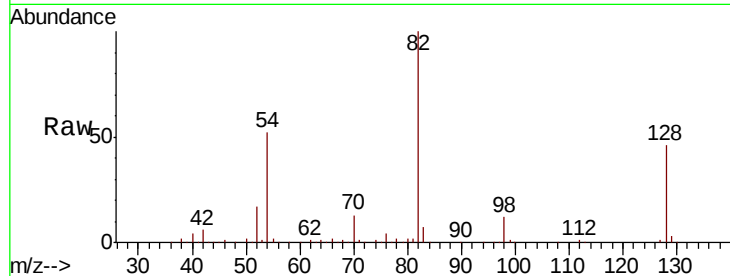




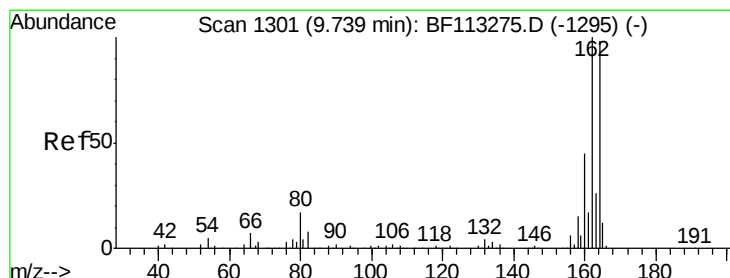
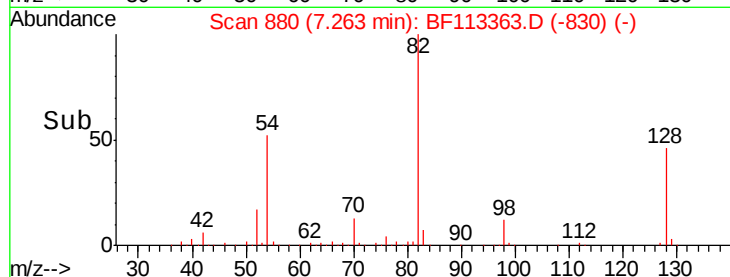
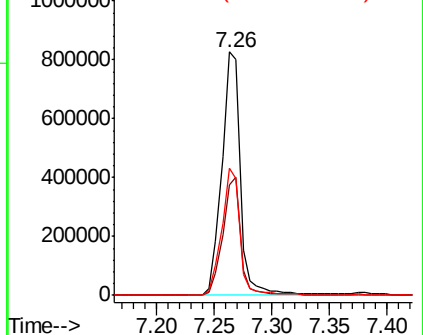
#23
Nitrobenzene-d5
Concen: 95.523 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113363.D
Acq: 28 Mar 2019 7:49

Instrument :
BNA_F
ClientSampleId :
CS-6

Tot Ion: 82 Resp: 937778
Ion Ratio Lower Upper
82 100
128 45.6 36.5 54.7
54 52.3 42.2 63.2

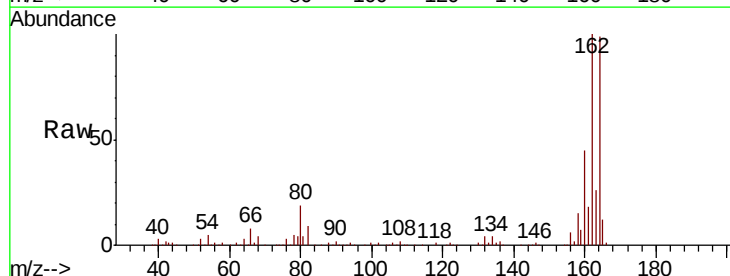


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

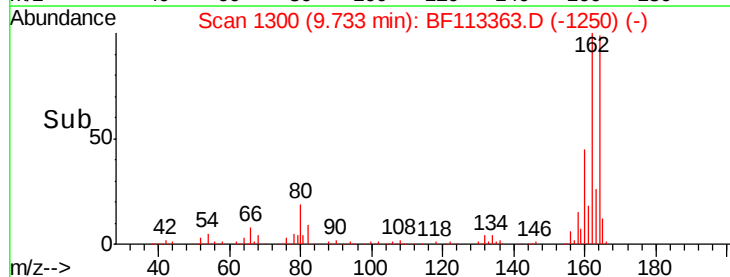
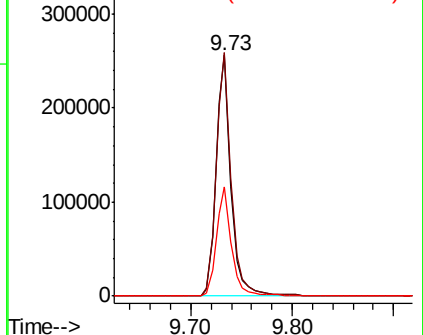


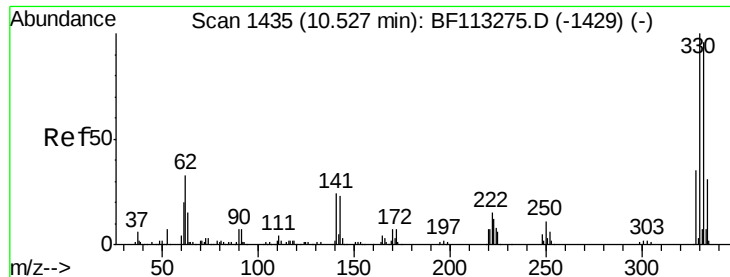
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113363.D
Acq: 28 Mar 2019 7:49

Tgt Ion:164 Resp: 261343
Ion Ratio Lower Upper
164 100
162 101.1 81.8 122.6
160 45.4 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

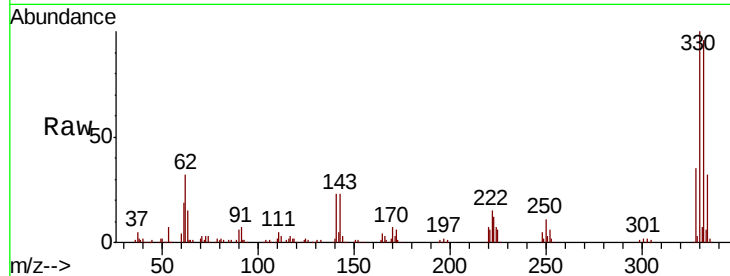




#42
 2,4,6-Tribromophenol
 Concen: 102.760 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113363.D
 Acq: 28 Mar 2019 7:49

Instrument :
 BNA_F
 ClientSampleId :
 CS-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.8	116.6
141	27.3	22.7	34.1

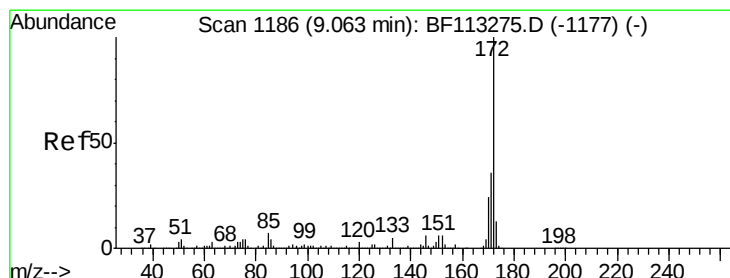
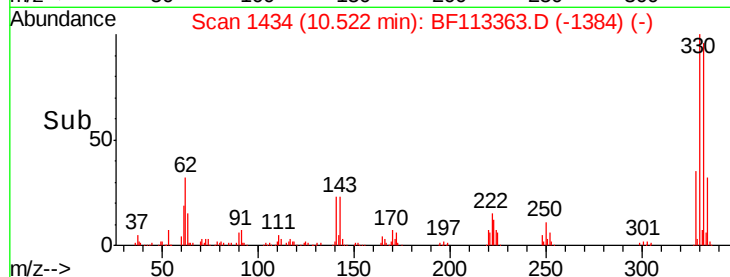
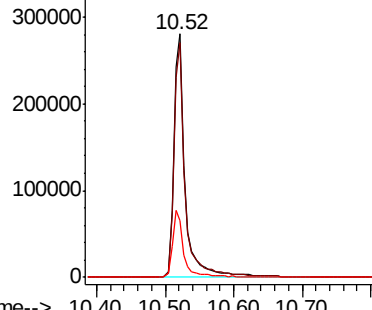


Abundance

Ion 329.80 (329.50 to 330.50): E

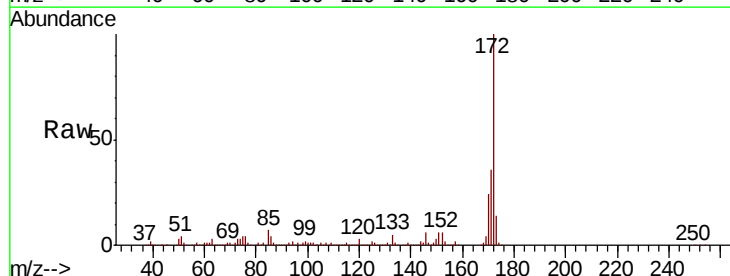
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 109.097 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF113363.D
 Acq: 28 Mar 2019 7:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.4	19.5	29.3

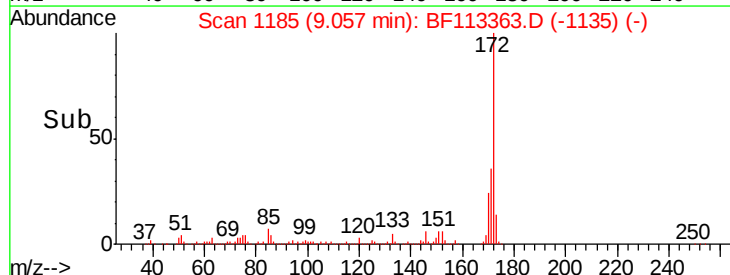
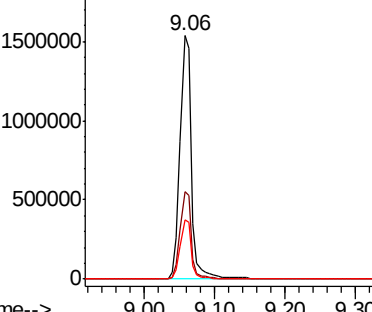


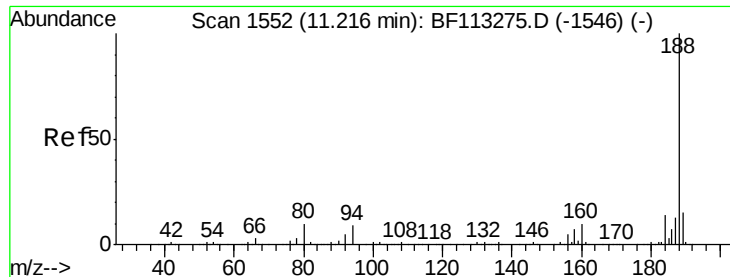
Abundance

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

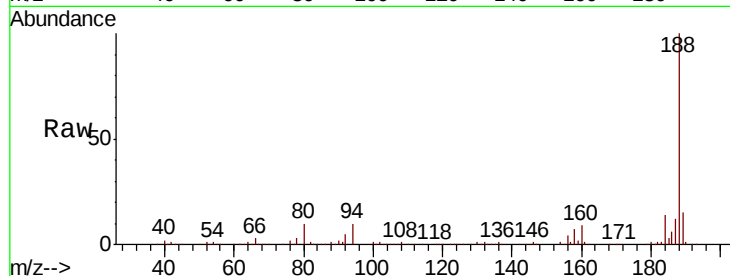




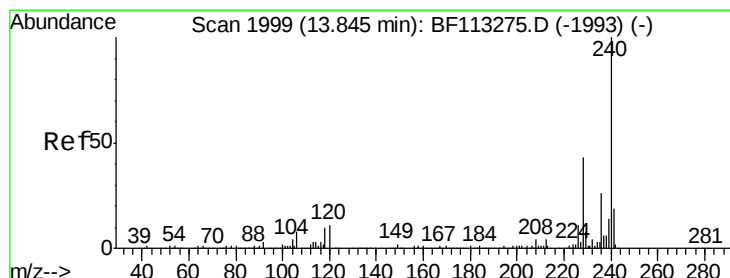
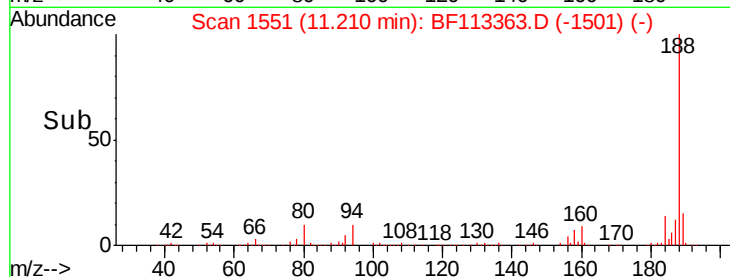
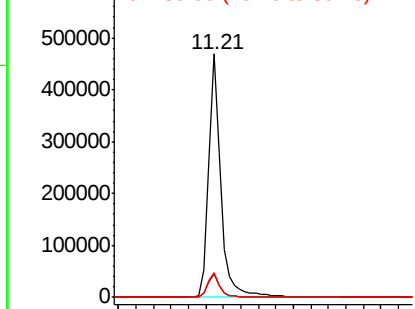
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113363.D
Acq: 28 Mar 2019 7:49

Instrument :
BNA_F
ClientSampleId :
CS-6

Tot Ion:188 Resp: 458654
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.2 7.7 11.5

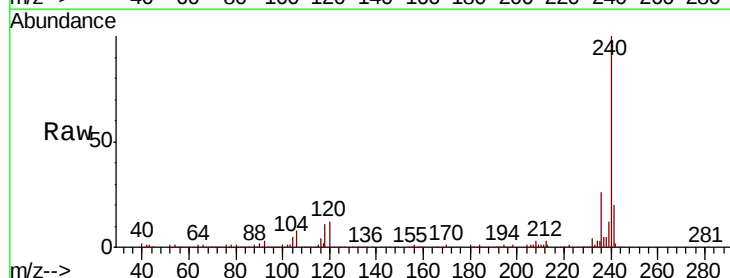


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

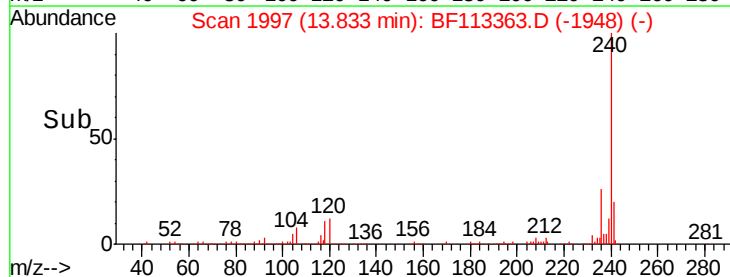
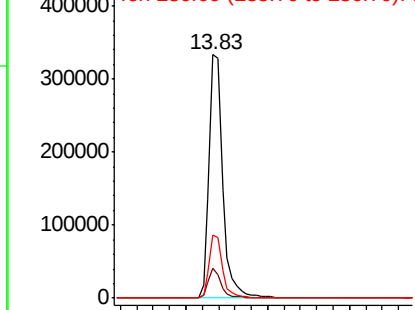


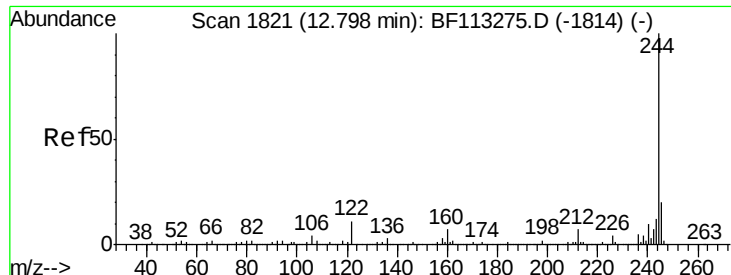
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113363.D
Acq: 28 Mar 2019 7:49

Tgt Ion:240 Resp: 389307
Ion Ratio Lower Upper
240 100
120 12.4 8.8 13.2
236 25.8 20.9 31.3



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



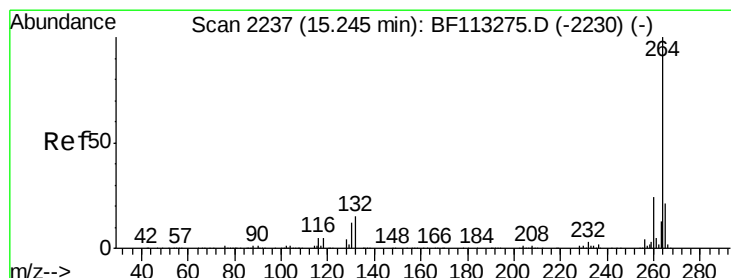
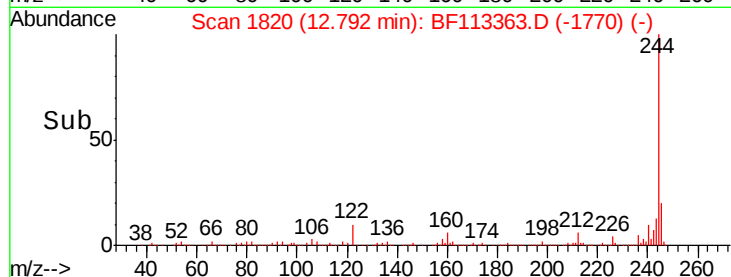
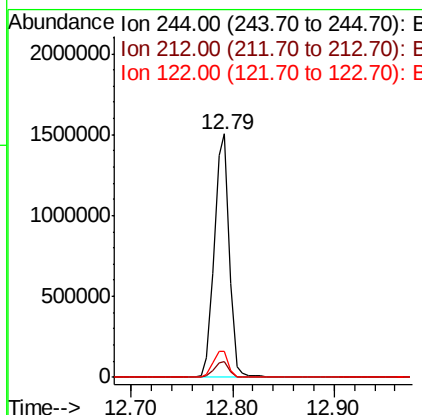
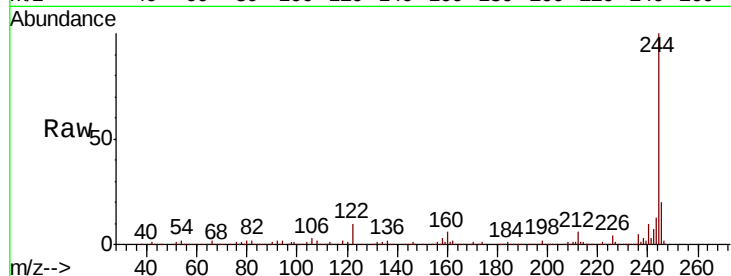


#79
 Terphenyl-d14
 Concen: 87.622 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113363.D
 Acq: 28 Mar 2019 7:49

Instrument :
 BNA_F
 ClientSampleId :
 CS-6

Tot Ion:244 Resp: 1547603

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	10.5	8.6	13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113363.D
 Acq: 28 Mar 2019 7:49

Tgt Ion:264 Resp: 292320

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.2	17.1	25.7

