

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032919\
 Data File : BF113441.D
 Acq On : 30 Mar 2019 5:27
 Operator : JU/SJ
 Sample : K2138-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S6A(12-20)COMP

Quant Time: Mar 30 06:22:05 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	123623	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	460046	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	207502	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	364545	20.00	ng	0.00
76) Chrysene-d12	13.84	240	376408	20.00	ng	0.00
87) Perylene-d12	15.25	264	300382	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	823771	108.96	ng	0.01
7) Phenol-d6	6.36	99	961534	100.53	ng	0.00
23) Nitrobenzene-d5	7.27	82	679441	87.66	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	321035	125.25	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1281424	99.88	ng	0.00
79) Terphenyl-d14	12.79	244	1292891	75.71	ng	0.00

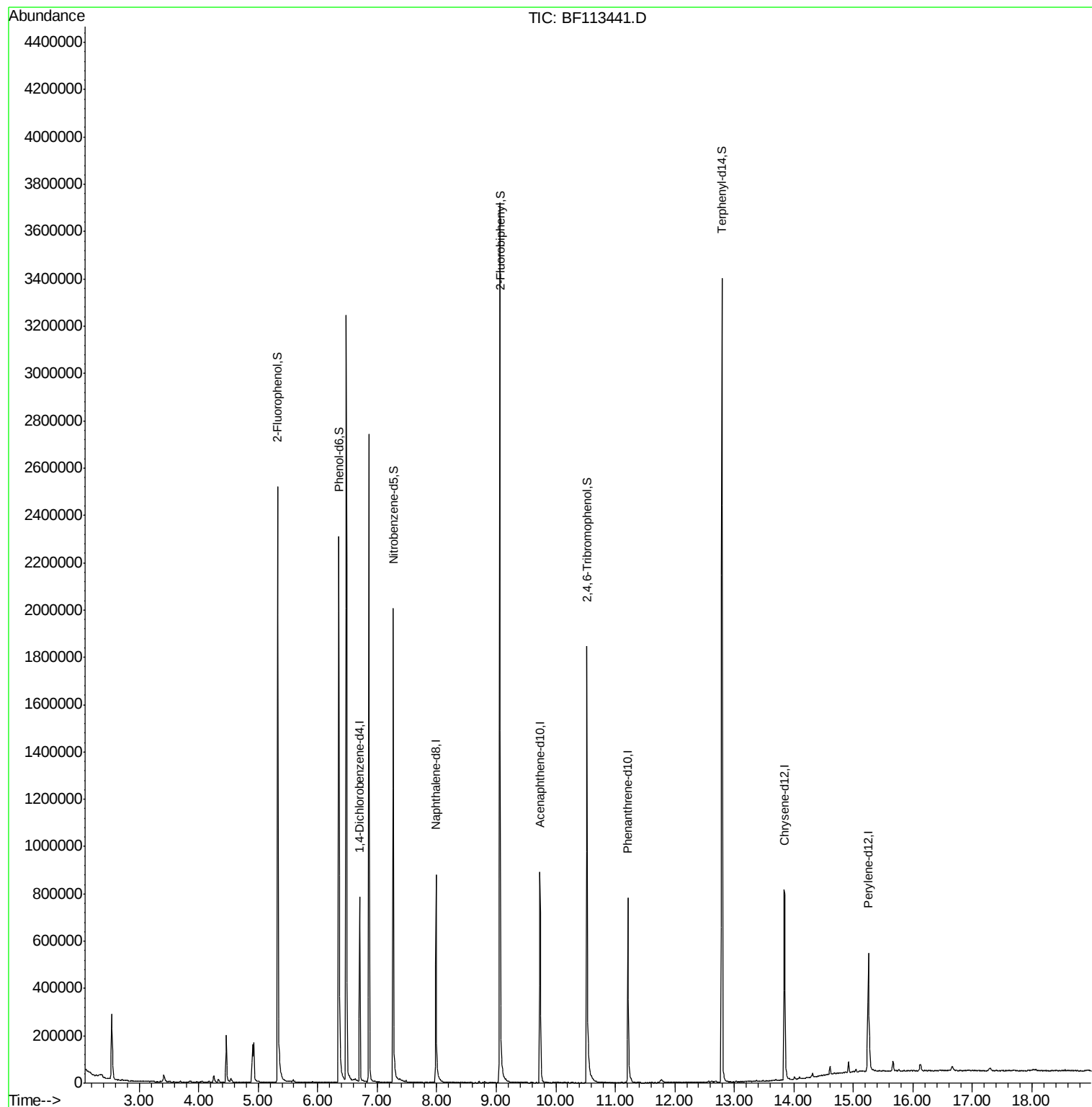
Target Compounds Qvalue

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

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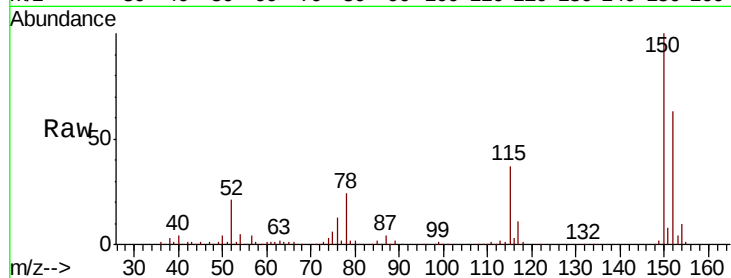


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113441.D
 Acq: 30 Mar 2019 5:27

Instrument :
 BNA_F
 ClientSampleId :
 S6A(12-20)COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.7	187.1
115	58.3	46.0	69.0

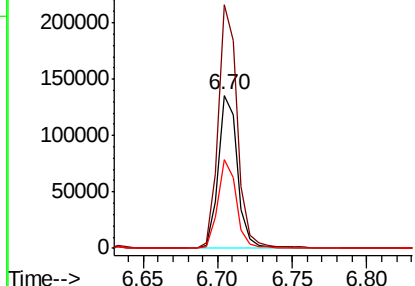
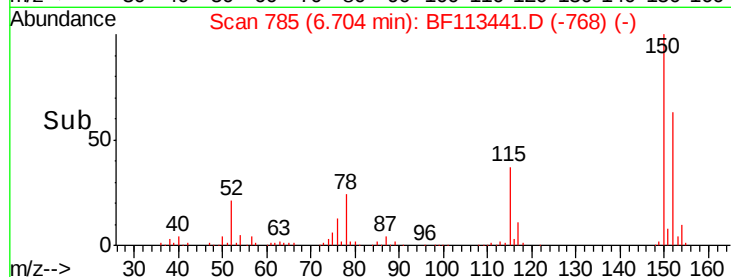


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

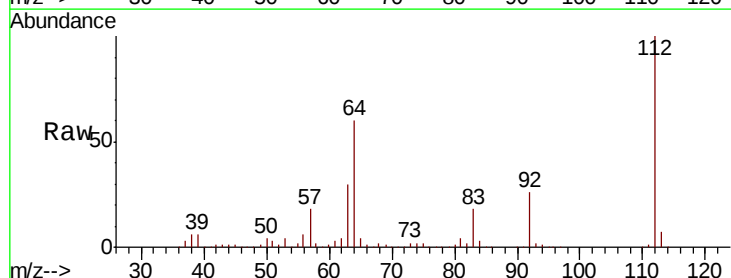
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 108.957 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF113441.D
 Acq: 30 Mar 2019 5:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	49.2	73.8
63	30.4	24.9	37.3

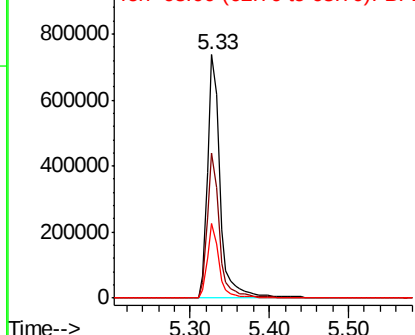
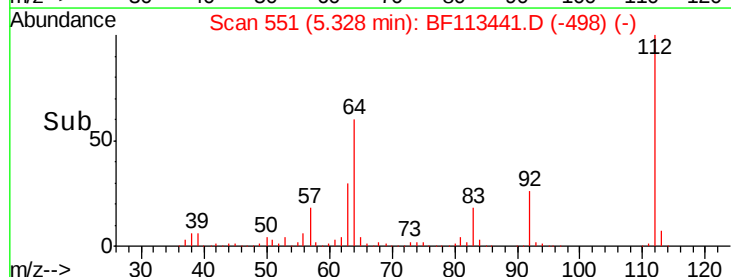


Abundance

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: 100.532 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113441.D

Acq: 30 Mar 2019 5:27

Instrument :

BNA_F

ClientSampleId :

S6A(12-20)COMP

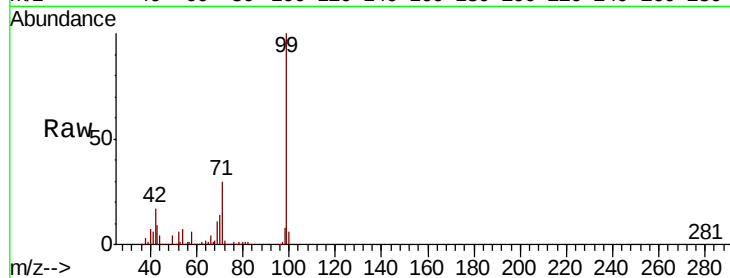
Tot Ion: 99 Resp: 961534

Ion Ratio Lower Upper

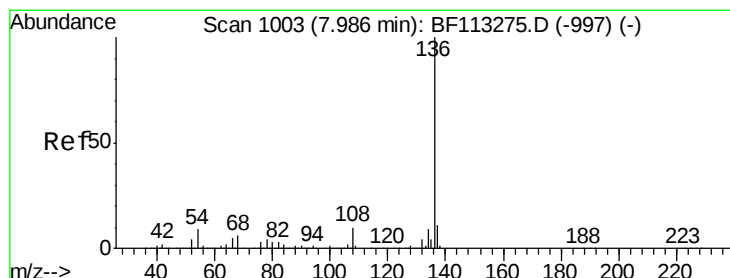
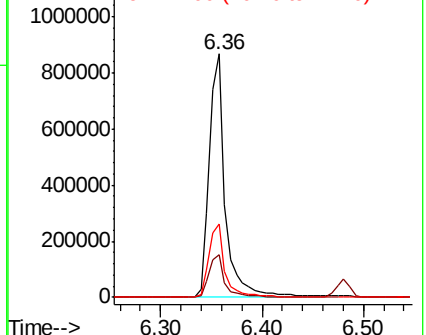
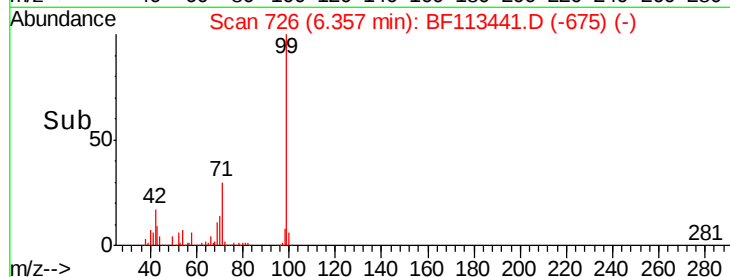
99 100

42 17.4 14.8 22.2

71 29.9 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: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113441.D

Acq: 30 Mar 2019 5:27

Tgt Ion: 136 Resp: 460046

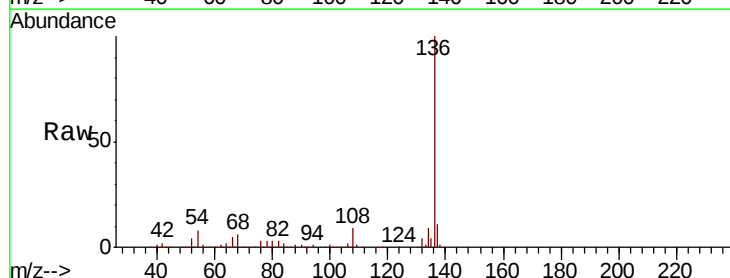
Ion Ratio Lower Upper

136 100

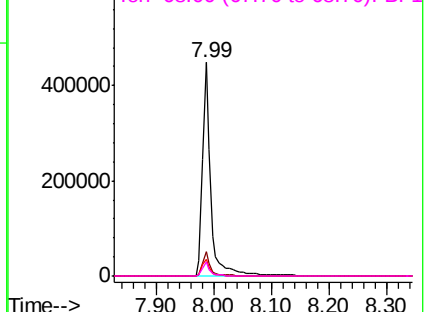
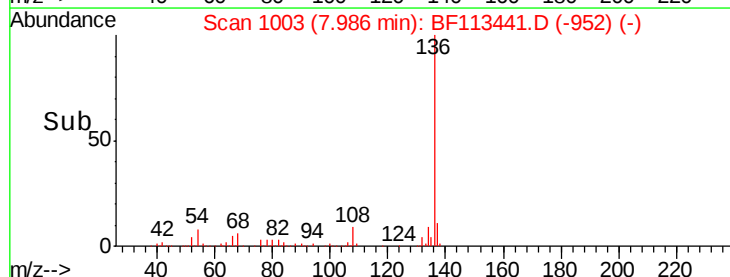
137 11.2 8.9 13.3

54 8.0 7.0 10.6

68 6.3 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

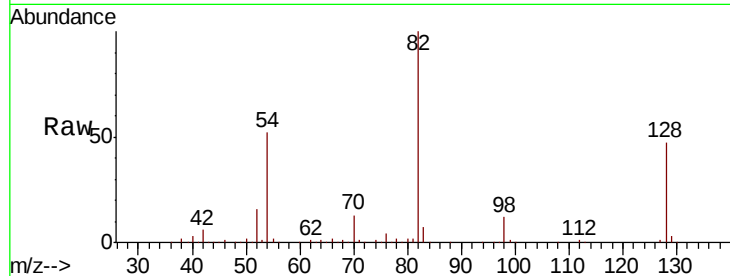




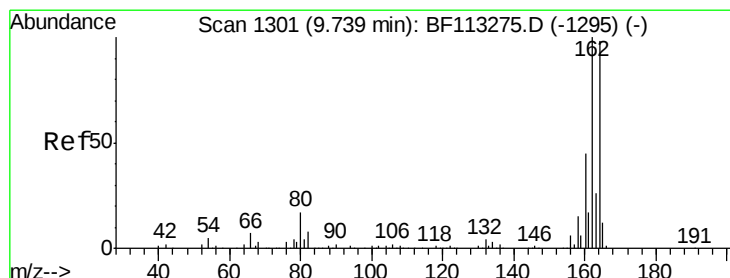
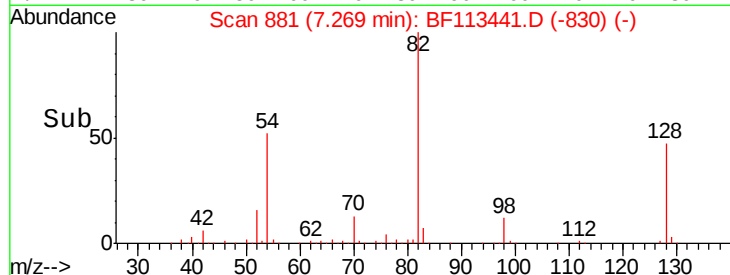
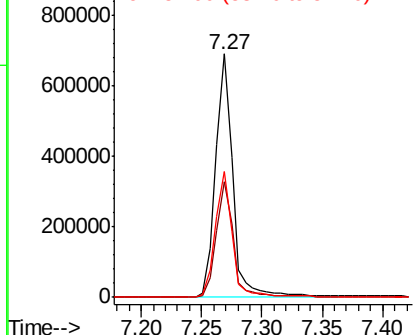
#23
 Nitrobenzene-d5
 Concen: 87.660 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113441.D
 Acq: 30 Mar 2019 5:27

Instrument :
 BNA_F
 ClientSampleId :
 S6A(12-20)COMP

Tot Ion: 82 Resp: 679441
 Ion Ratio Lower Upper
 82 100
 128 47.3 36.5 54.7
 54 51.7 42.2 63.2

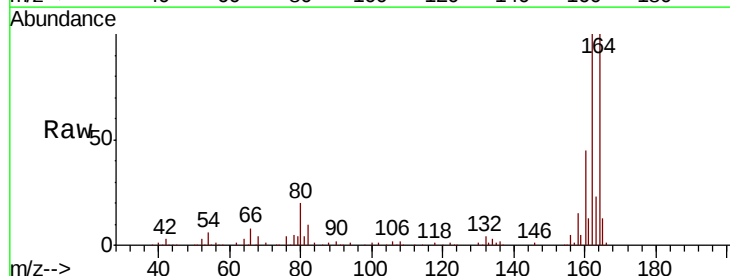


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

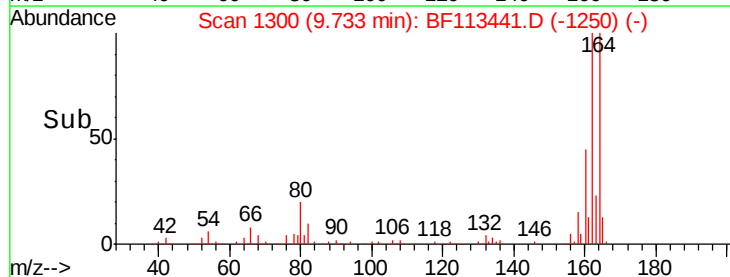
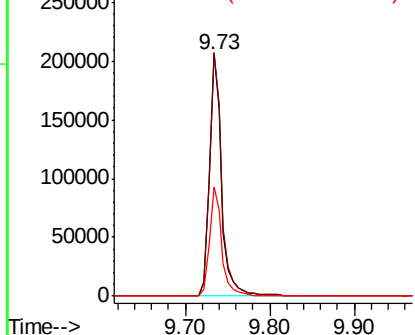


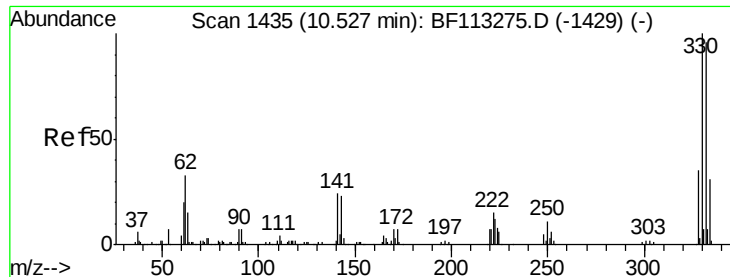
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113441.D
 Acq: 30 Mar 2019 5:27

Tgt Ion:164 Resp: 207502
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.8 122.6
 160 44.9 36.4 54.6



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

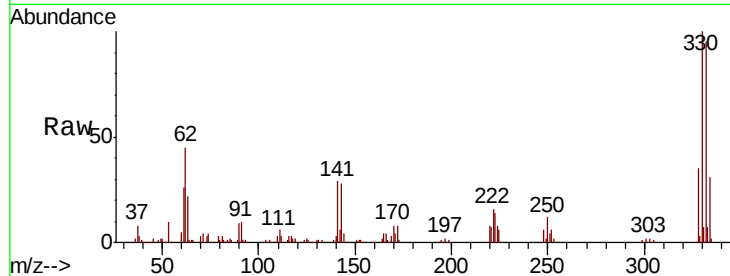




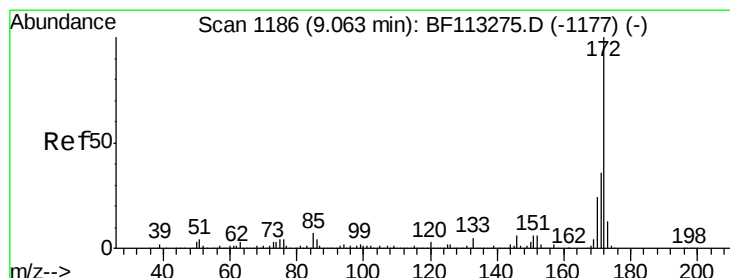
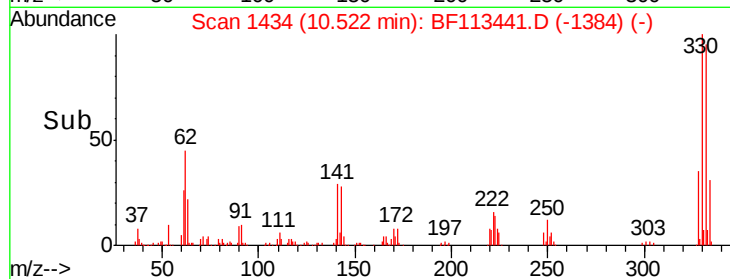
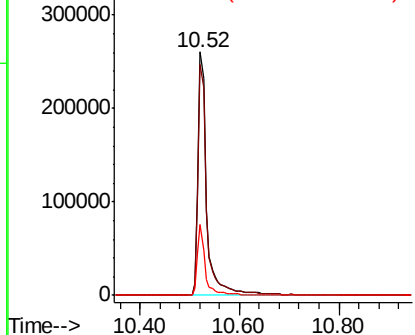
#42
 2,4,6-Tribromophenol
 Concen: 125.251 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113441.D
 Acq: 30 Mar 2019 5:27

Instrument :
 BNA_F
 ClientSampleId :
 S6A(12-20)COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.8	116.6
141	26.5	22.7	34.1

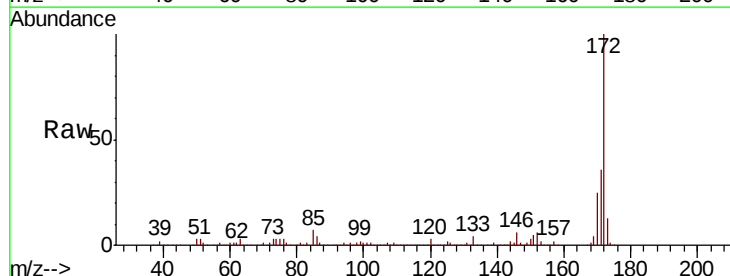


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

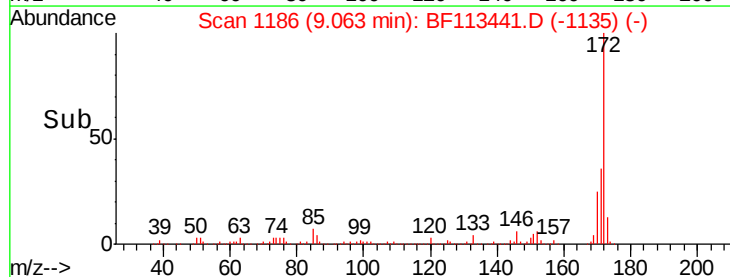
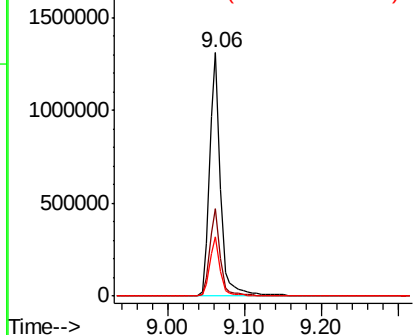


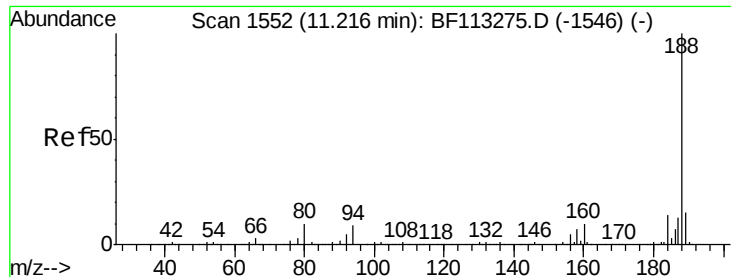
#45
 2-Fluorobiphenyl
 Concen: 99.879 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113441.D
 Acq: 30 Mar 2019 5:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.6	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

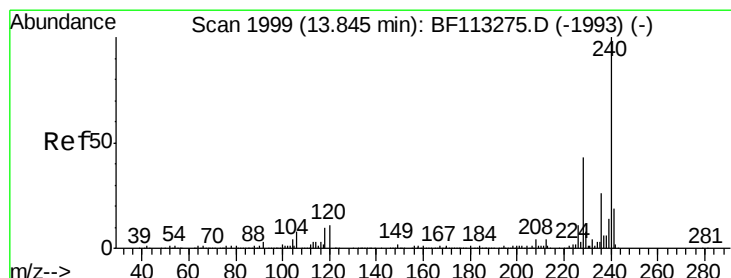
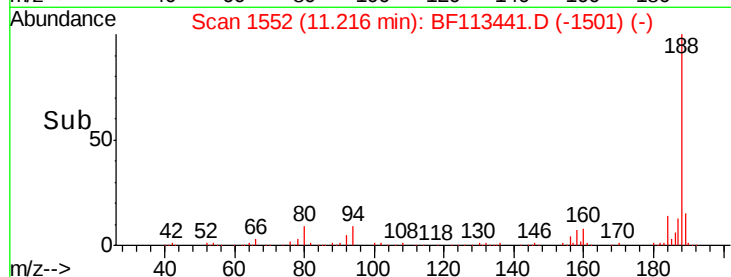
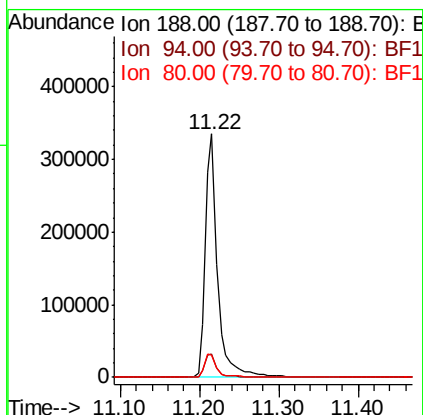
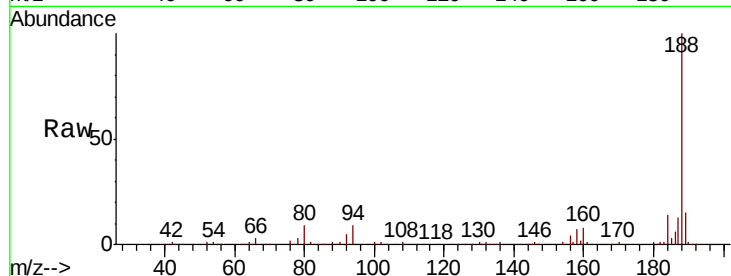




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113441.D
Acq: 30 Mar 2019 5:27

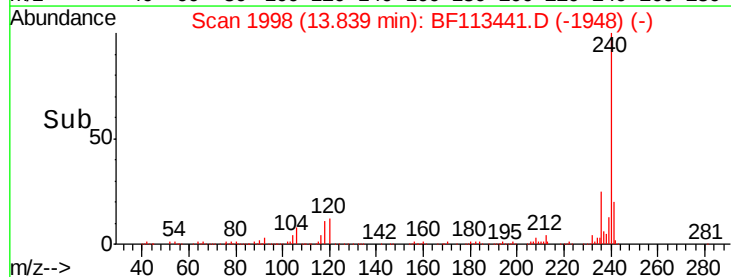
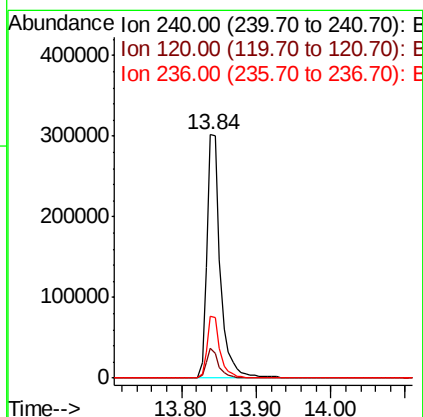
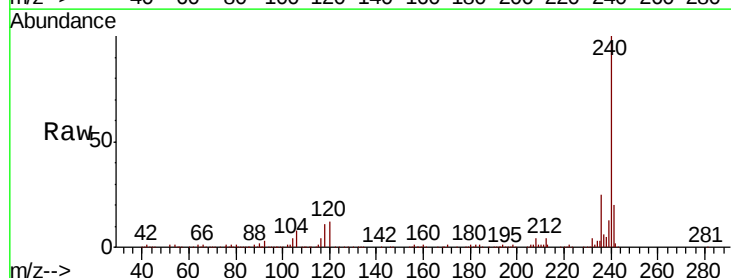
Instrument :
BNA_F
ClientSampleId :
S6A(12-20)COMP

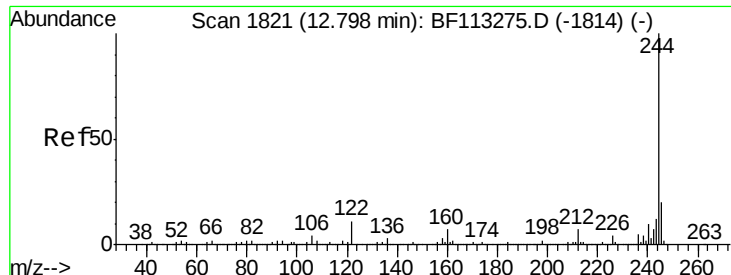
Tot Ion:188 Resp: 364545
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113441.D
Acq: 30 Mar 2019 5:27

Tgt Ion:240 Resp: 376408
Ion Ratio Lower Upper
240 100
120 12.2 8.8 13.2
236 25.5 20.9 31.3



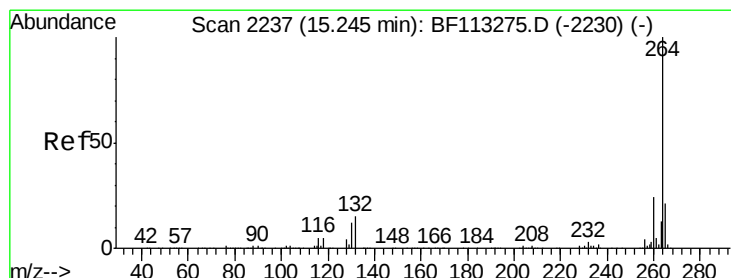
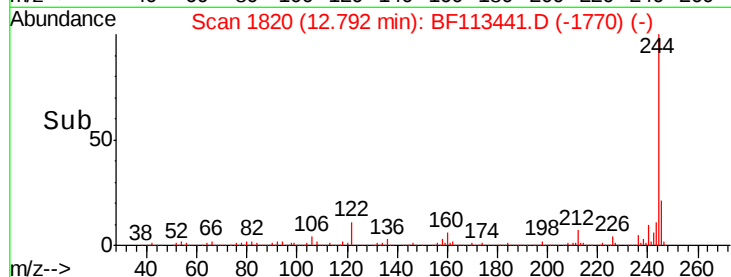
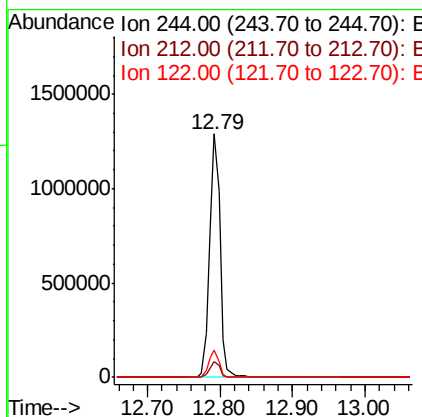
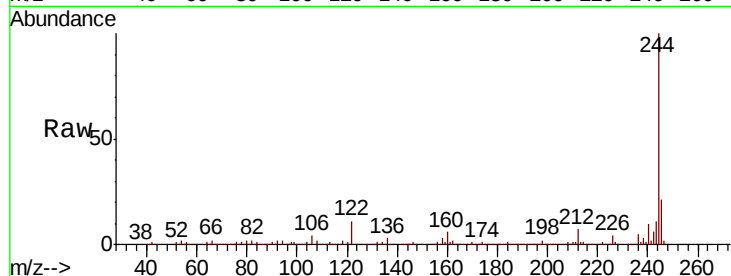


#79
 Terphenyl-d14
 Concen: 75.709 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113441.D
 Acq: 30 Mar 2019 5:27

Instrument :
 BNA_F
 ClientSampleId :
 S6A(12-20)COMP

Tot Ion:244 Resp: 1292891

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	11.4	8.6	13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BF113441.D
 Acq: 30 Mar 2019 5:27

Tgt Ion:264 Resp: 300382

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	22.1	17.1	25.7

