

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032919\
 Data File : BF113448.D
 Acq On : 30 Mar 2019 8:45
 Operator : JU/SJ
 Sample : K2153-28
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: Apr 01 04:33:08 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	149134	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	557029	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	260314	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	479078	20.00	ng	0.00
76) Chrysene-d12	13.84	240	486393	20.00	ng	0.00
87) Perylene-d12	15.24	264	392325	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	904000	99.12	ng	0.01
7) Phenol-d6	6.35	99	1064156	92.23	ng	0.00
23) Nitrobenzene-d5	7.27	82	753125	80.25	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	362621	112.77	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1431046	86.47	ng	0.00
79) Terphenyl-d14	12.79	244	1512667	68.55	ng	0.00

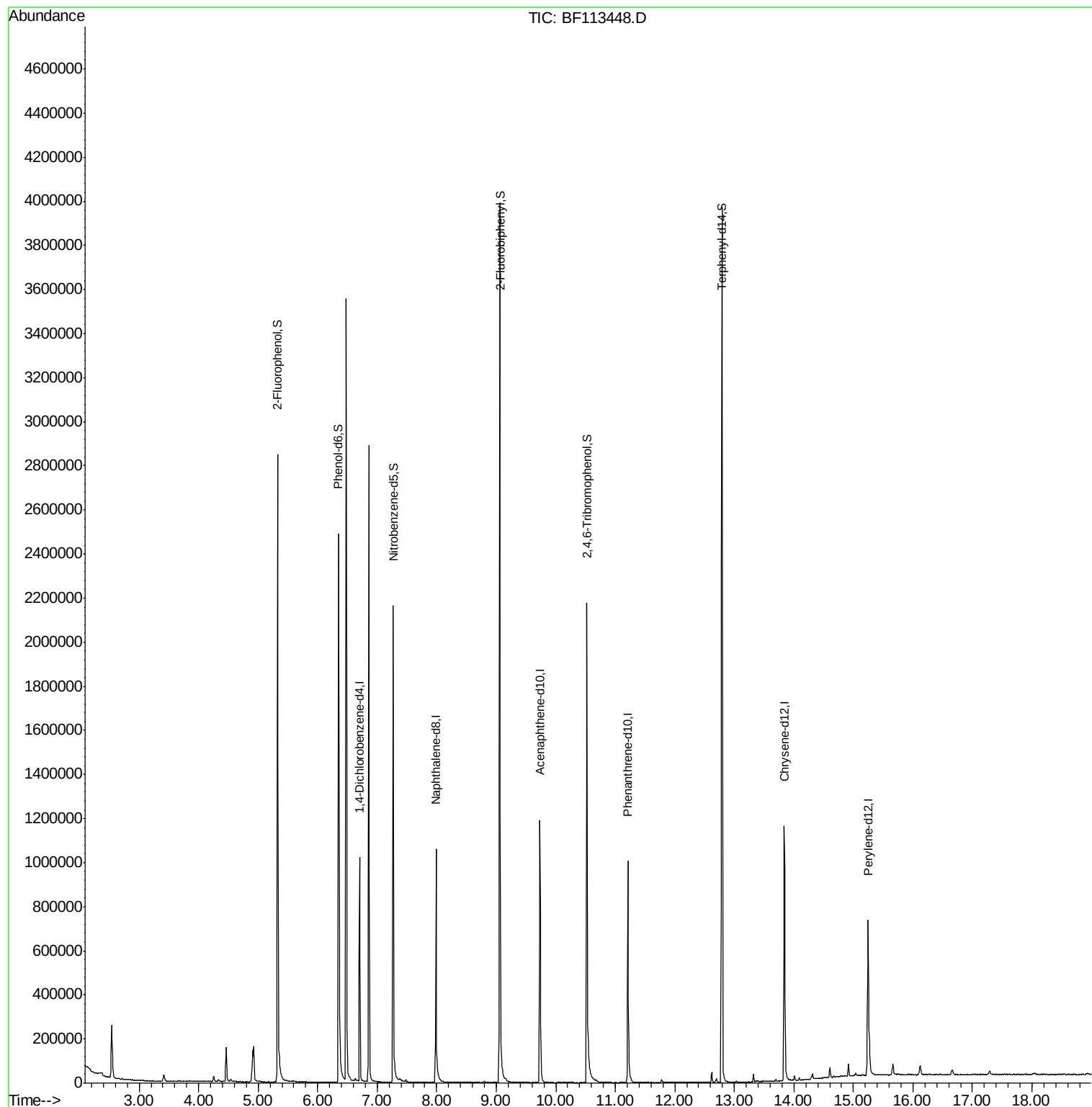
Target Compounds Qvalue

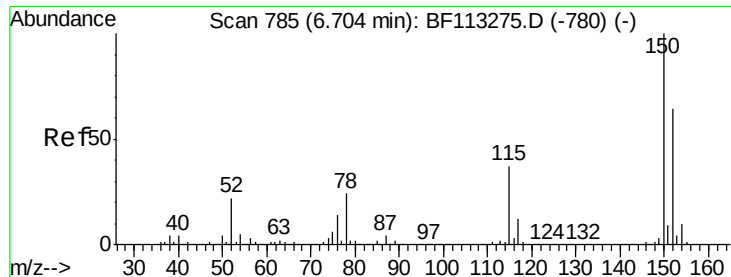
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 26 03:32:08 2019
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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: BF113448.D

Acq: 30 Mar 2019 8:45

Instrument :

BNA_F

ClientSampleId :

SP-2

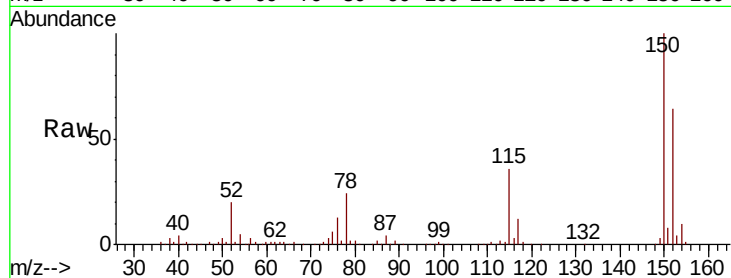
Tot Ion:152 Resp: 149134

Ion Ratio Lower Upper

152 100

150 155.7 124.7 187.1

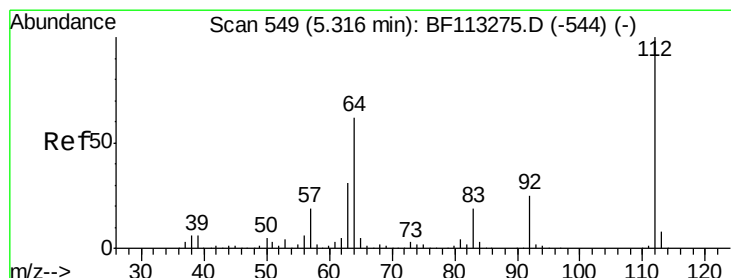
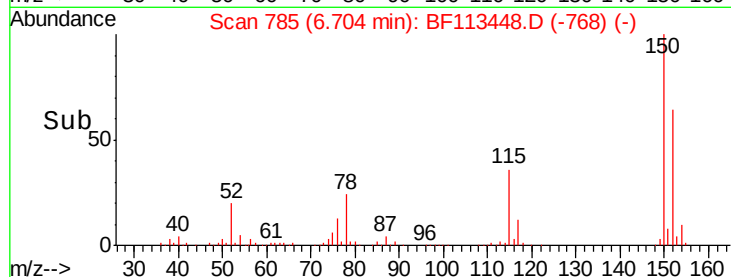
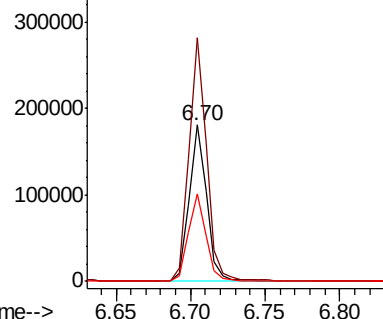
115 55.8 46.0 69.0



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: 99.115 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF113448.D

Acq: 30 Mar 2019 8:45

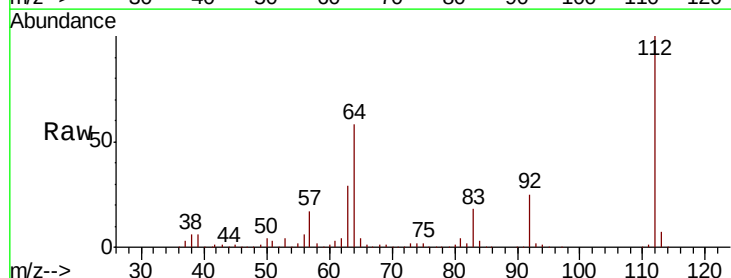
Tgt Ion:112 Resp: 904000

Ion Ratio Lower Upper

112 100

64 58.4 49.2 73.8

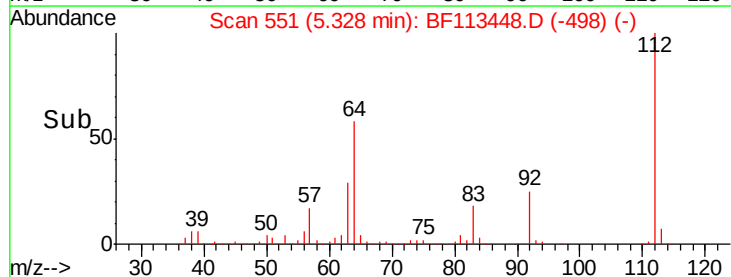
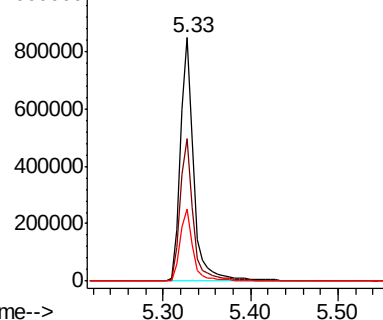
63 29.4 24.9 37.3

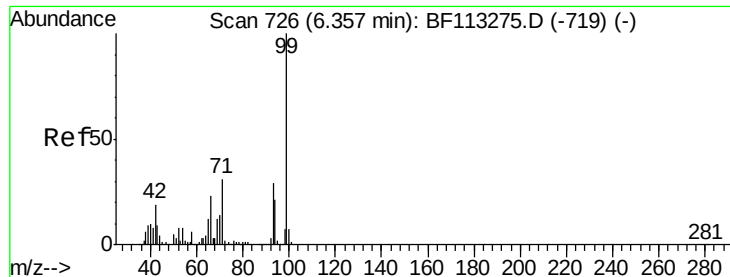


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 92.229 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113448.D

Acq: 30 Mar 2019 8:45

Instrument :

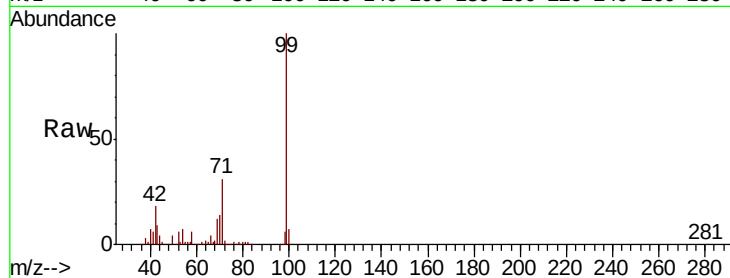
BNA_F

ClientSampleId :

SP-2

Tot Ion: 99 Resp: 1064156

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.8	22.2
71	31.2	24.9	37.3

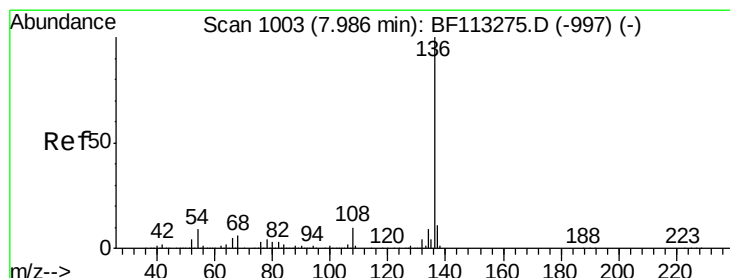
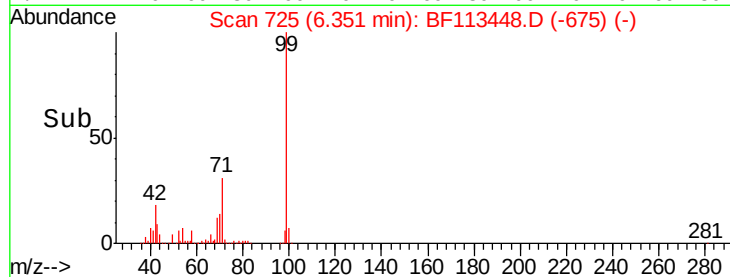
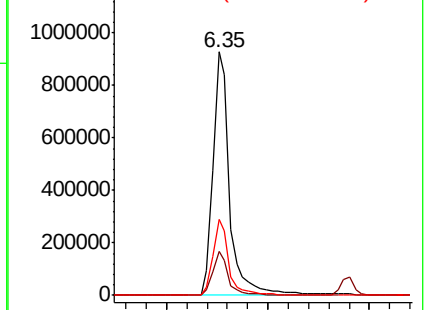


Abundance

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

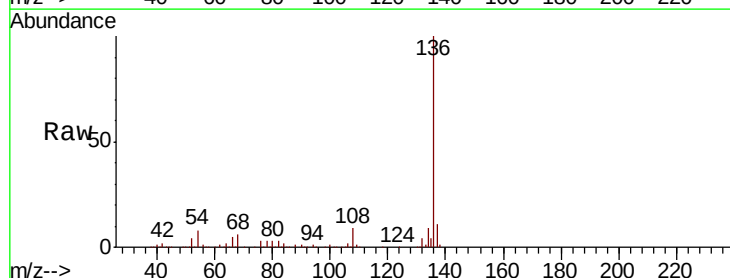
Delta R.T. 0.00 min

Lab File: BF113448.D

Acq: 30 Mar 2019 8:45

Tgt Ion: 136 Resp: 557029

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.6	7.0	10.6
68	6.1	4.8	7.2



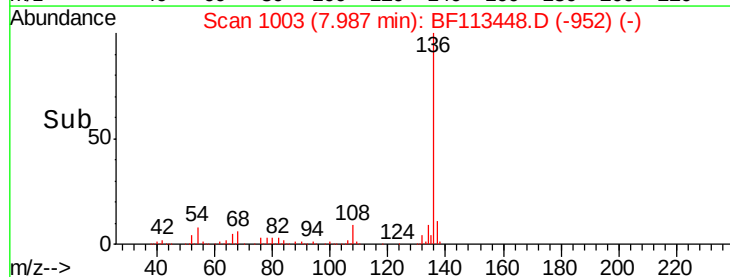
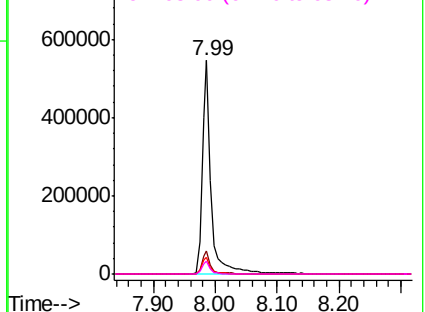
Abundance

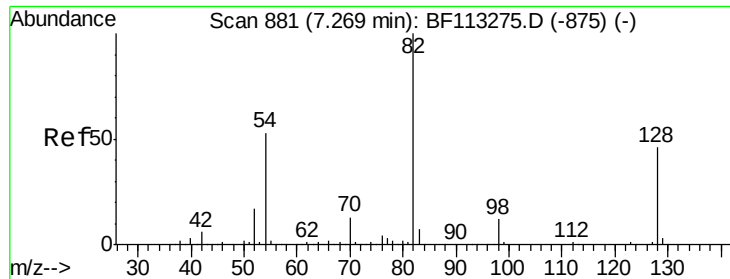
Ion 136.00 (135.70 to 136.70): E

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

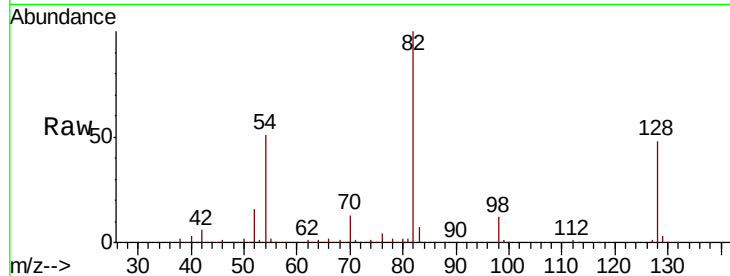




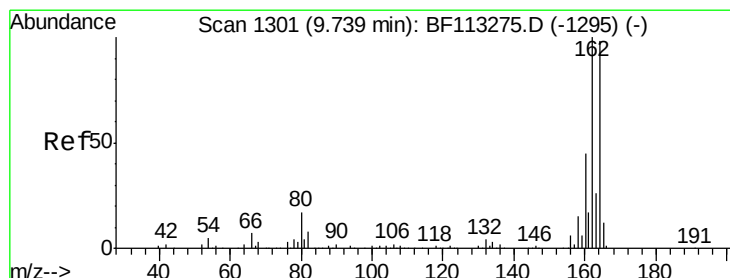
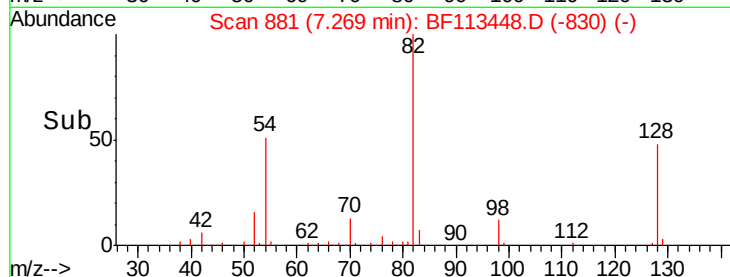
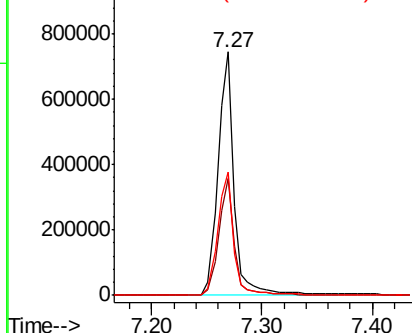
#23
Nitrobenzene-d5
Concen: 80.249 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113448.D
Acq: 30 Mar 2019 8:45

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	82	Resp	753125
Ion Ratio	100		
Lower		36.5	
Upper		54.7	
128	47.8		
54	50.8	42.2	63.2

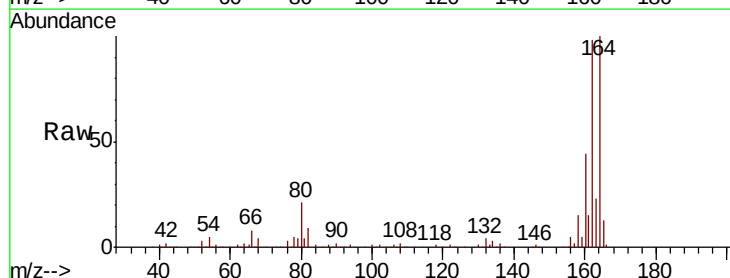


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

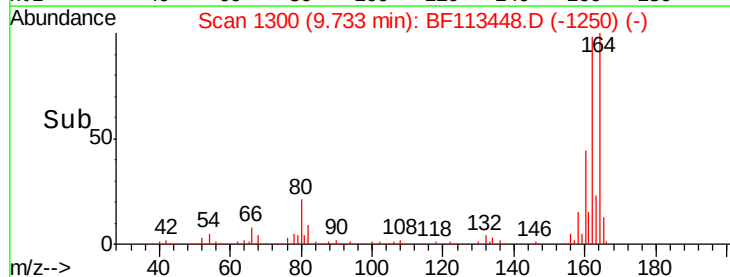
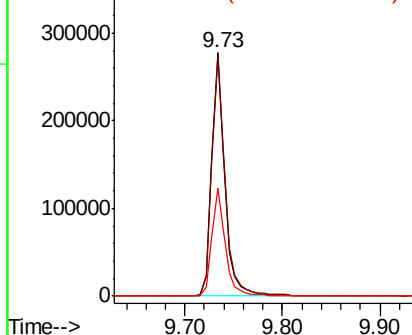


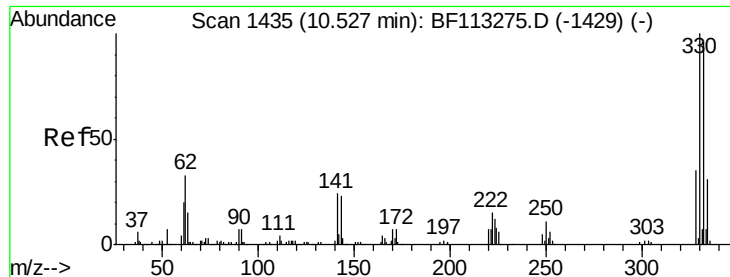
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113448.D
Acq: 30 Mar 2019 8:45

Tgt Ion	164	Resp	260314
Ion Ratio	100		
Lower		81.8	
Upper		122.6	
162	98.4		
160	44.1	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

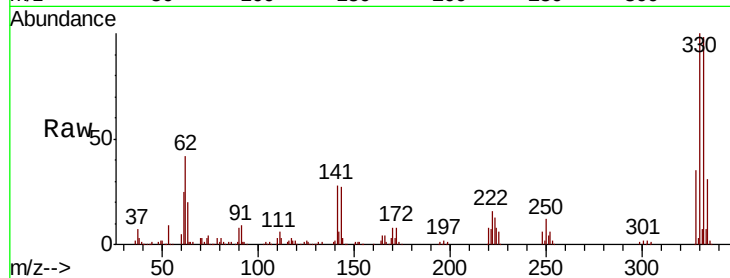




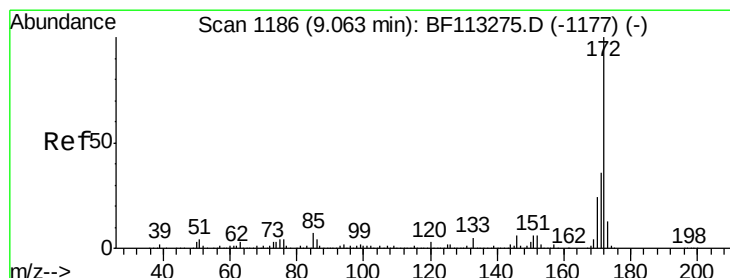
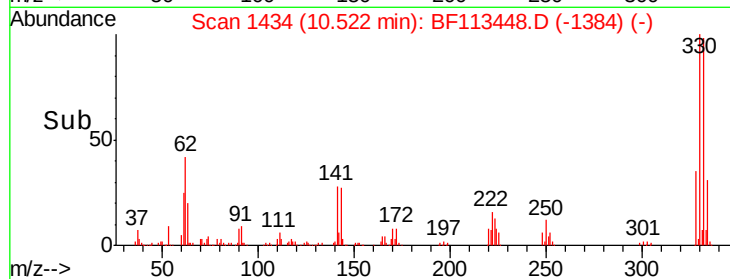
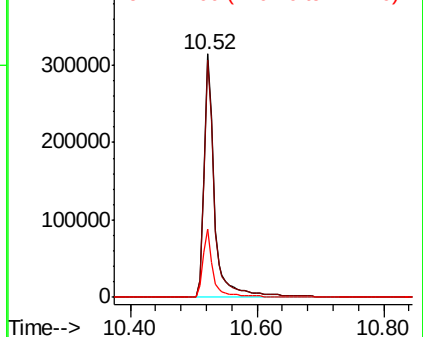
#42
 2,4,6-Tribromophenol
 Concen: 112.774 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113448.D
 Acq: 30 Mar 2019 8:45

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tot Ion:330 Resp: 362621
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.8 116.6
 141 27.1 22.7 34.1

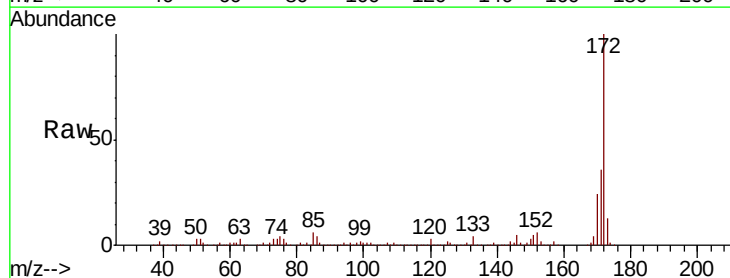


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

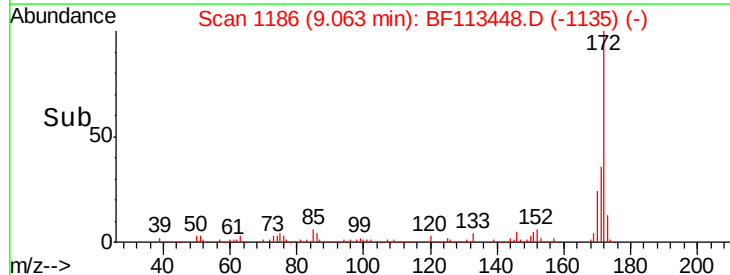
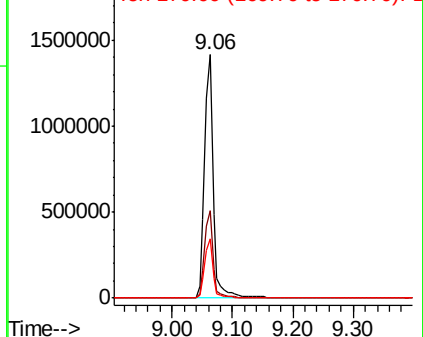


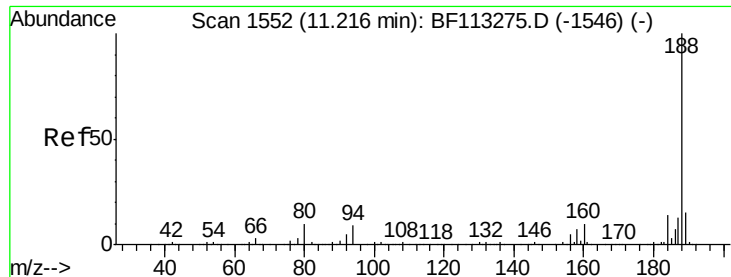
#45
 2-Fluorobiphenyl
 Concen: 86.468 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113448.D
 Acq: 30 Mar 2019 8:45

Tgt Ion:172 Resp: 1431046
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

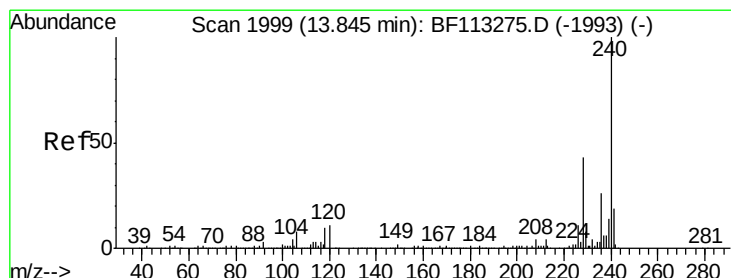
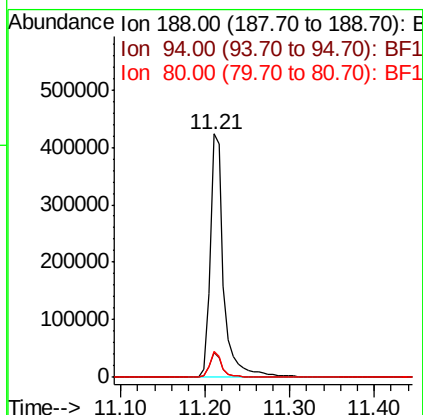
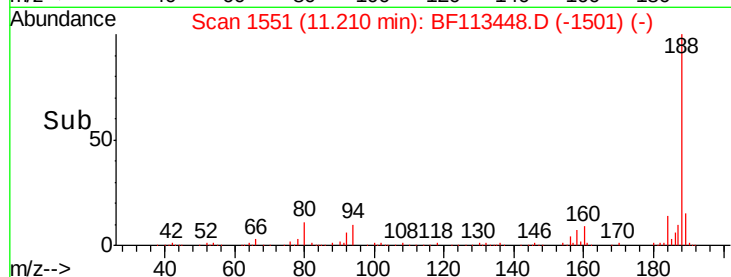
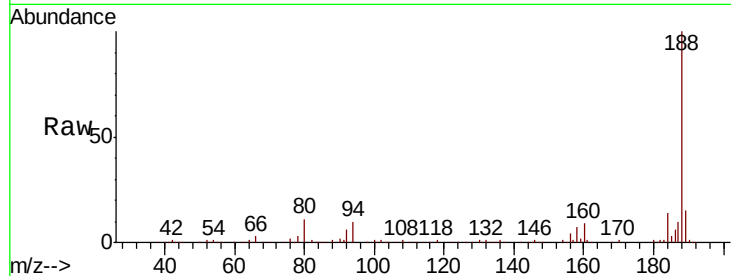




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113448.D
Acq: 30 Mar 2019 8:45

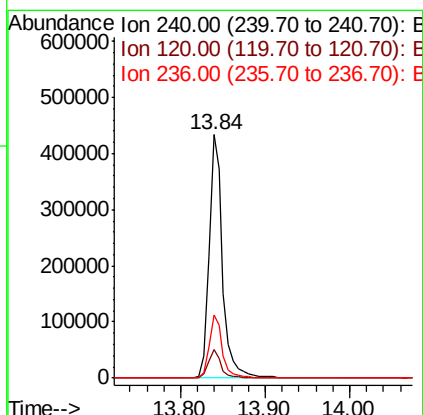
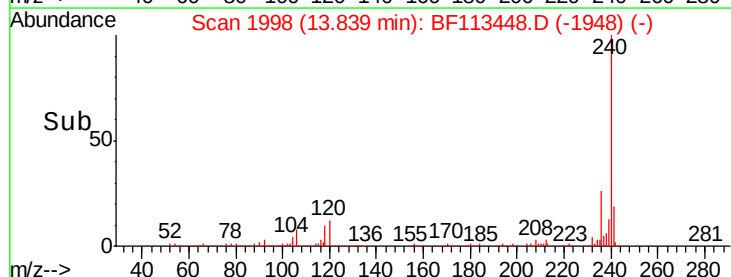
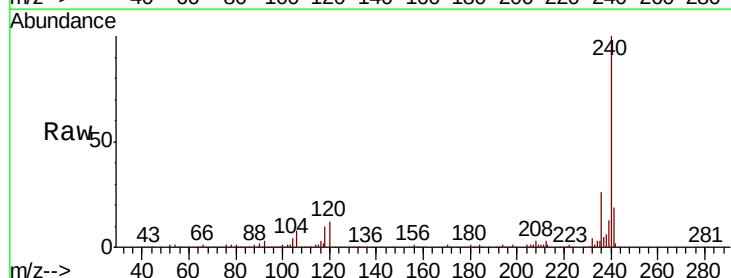
Instrument :
BNA_F
ClientSampled :
SP-2

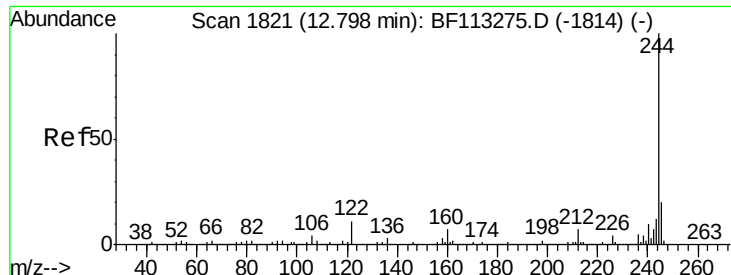
Tot Ion:188 Resp: 479078
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113448.D
Acq: 30 Mar 2019 8:45

Tgt Ion:240 Resp: 486393
Ion Ratio Lower Upper
240 100
120 11.9 8.8 13.2
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 68.549 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113448.D

Acq: 30 Mar 2019 8:45

Instrument :

BNA_F

ClientSampleId :

SP-2

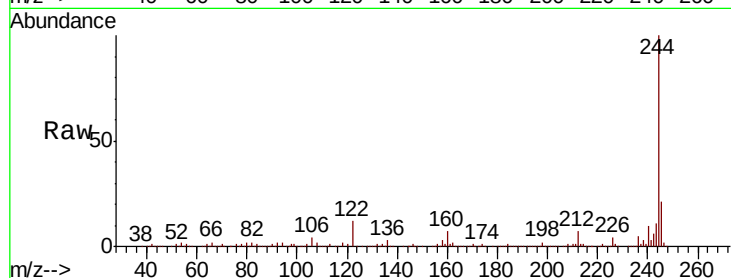
Tot Ion:244 Resp: 1512667

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

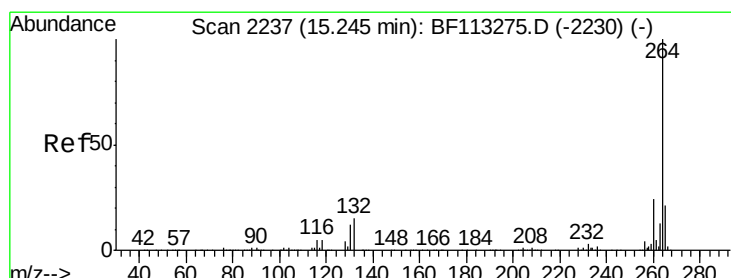
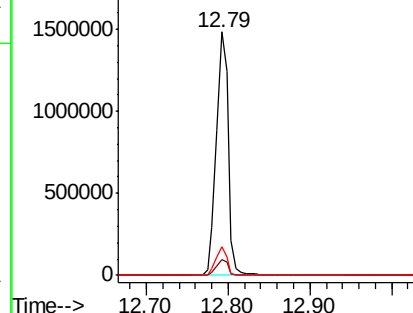
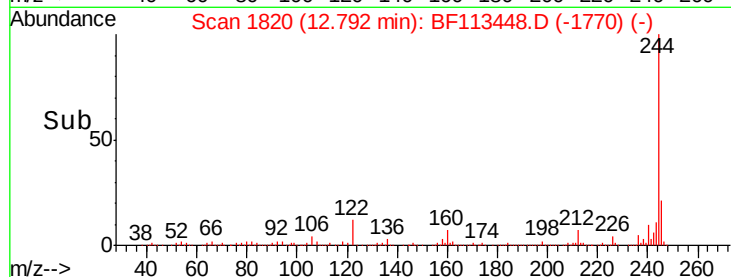
122 11.6 8.6 13.0



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: 15.24 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BF113448.D

Acq: 30 Mar 2019 8:45

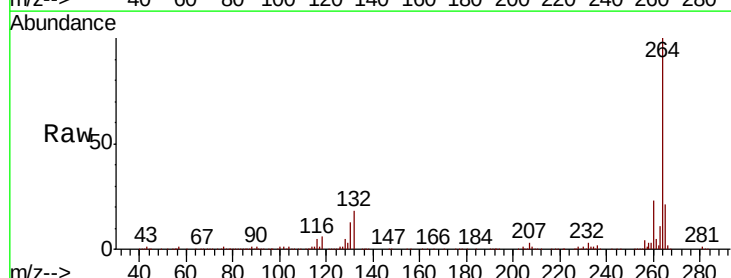
Tgt Ion:264 Resp: 392325

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 21.3 17.1 25.7



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

