

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113401.D
 Acq On : 29 Mar 2019 5:35
 Operator : JU/SJ
 Sample : K2112-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DR-WC-001

Quant Time: Mar 29 08:37:49 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	177081	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	652482	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	315558	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	586005	20.00	ng	0.00
76) Chrysene-d12	13.84	240	425029	20.00	ng	0.00
87) Perylene-d12	15.24	264	429039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1138224	105.10	ng	0.02
7) Phenol-d6	6.35	99	1304825	95.24	ng	0.00
23) Nitrobenzene-d5	7.27	82	1016718	92.49	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	496561	127.39	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1886109	95.96	ng	0.00
79) Terphenyl-d14	12.79	244	1743916	90.44	ng	0.00

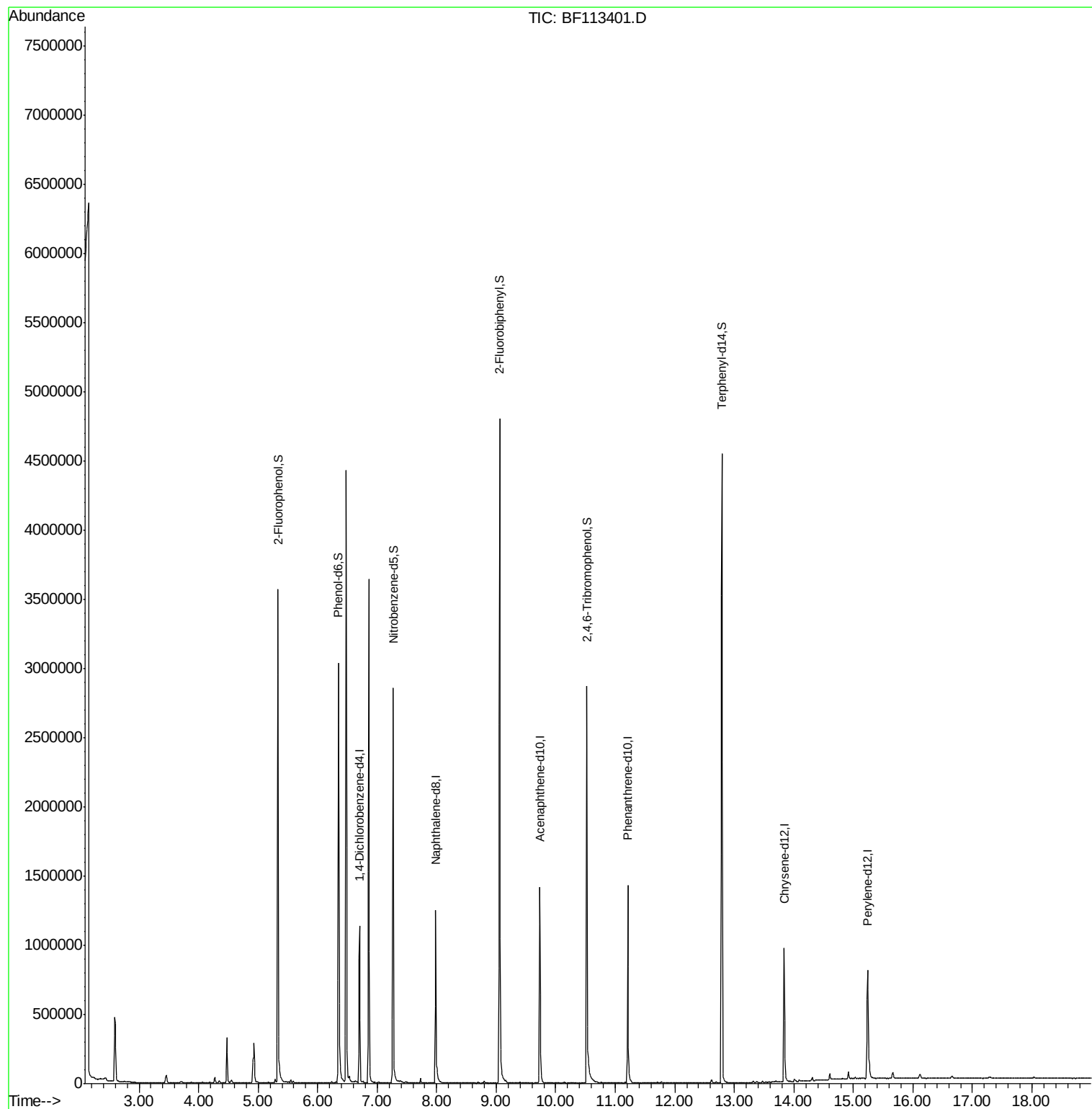
Target Compounds Qvalue

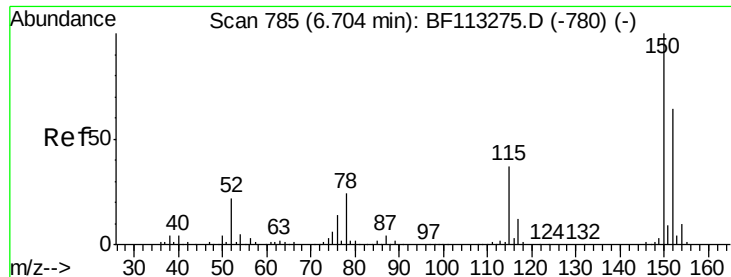
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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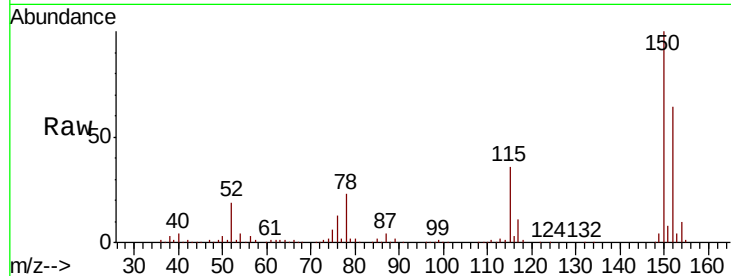


#1

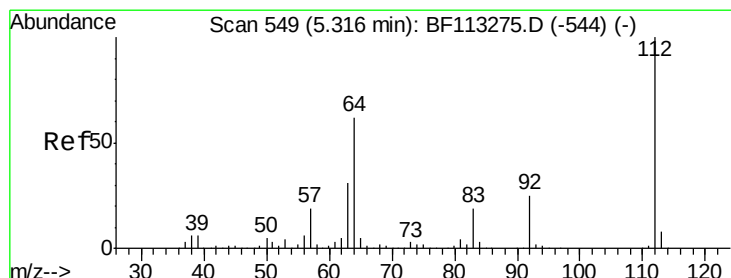
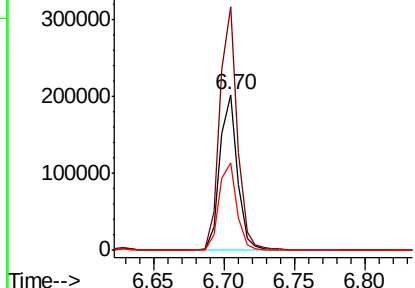
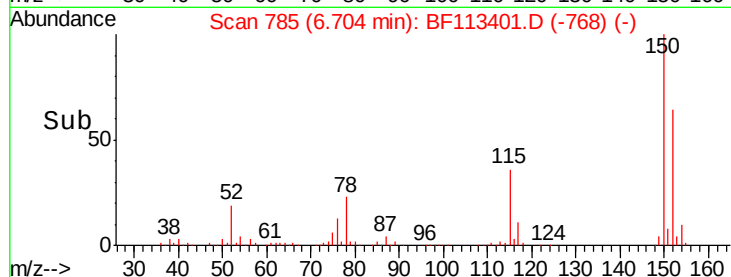
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113401.D
Acq: 29 Mar 2019 5:35

Instrument :
BNA_F
ClientSampleId :
DR-WC-001

Tot Ion:152 Resp: 177081
Ion Ratio Lower Upper
152 100
150 156.4 124.7 187.1
115 56.0 46.0 69.0



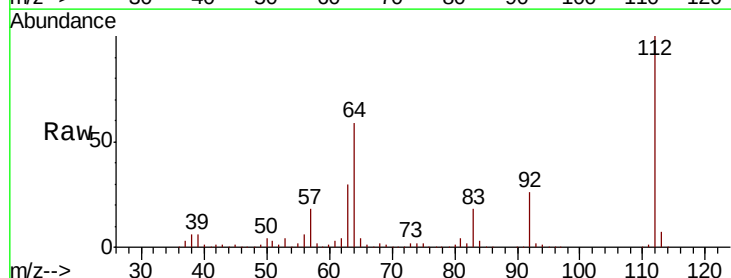
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



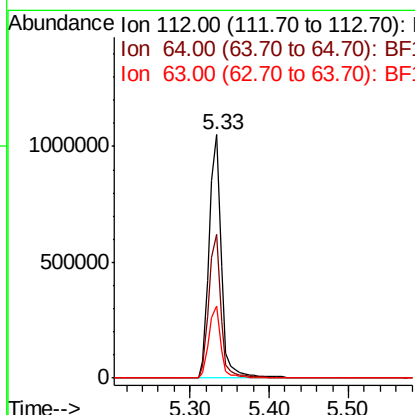
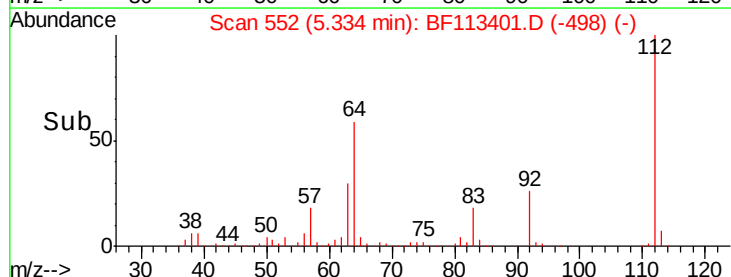
#5

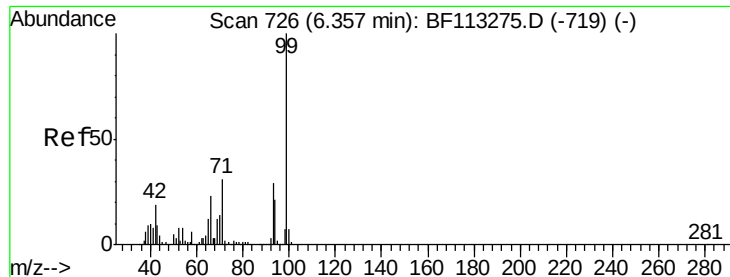
2-Fluorophenol
Concen: 105.101 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF113401.D
Acq: 29 Mar 2019 5:35

Tgt Ion:112 Resp: 1138224
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 29.8 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: 95.240 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113401.D

Acq: 29 Mar 2019 5:35

Instrument :

BNA_F

ClientSampleId :

DR-WC-001

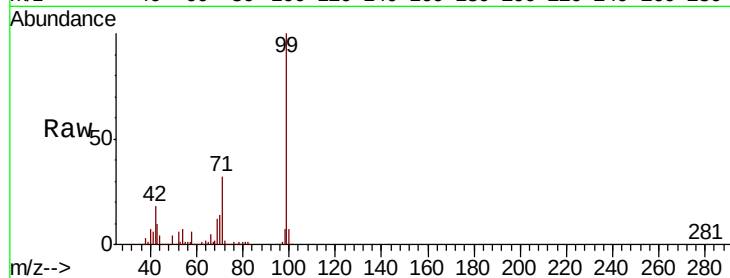
Tot Ion: 99 Resp: 1304825

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	32.0	24.9	37.3

99 100

42 18.2 14.8 22.2

71 32.0 24.9 37.3

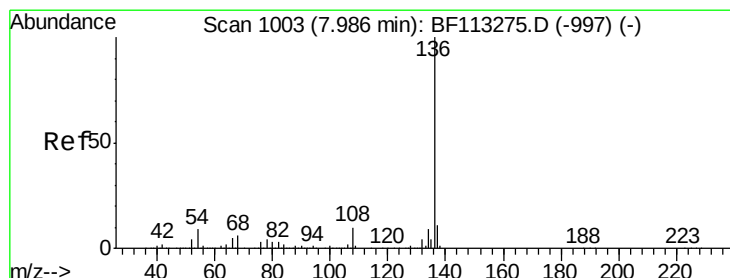
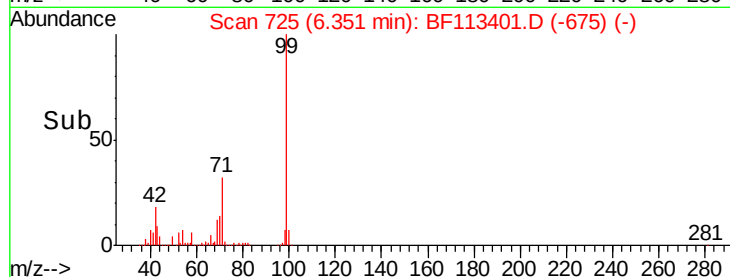
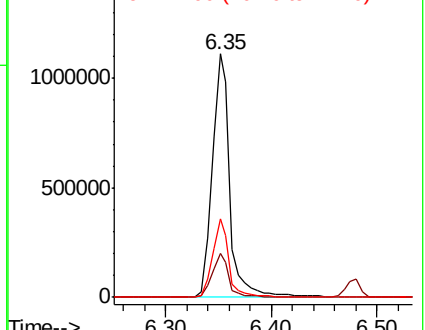


Abundance

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: BF113401.D

Acq: 29 Mar 2019 5:35

Tgt Ion: 136 Resp: 652482

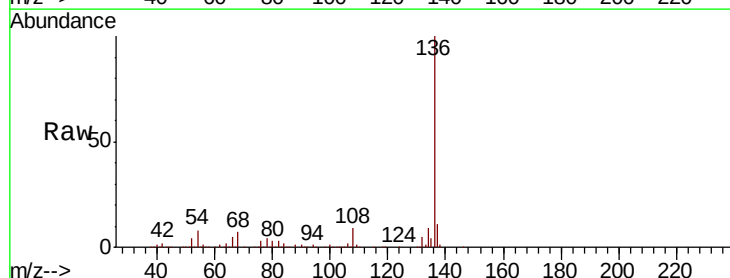
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	7.0	10.6
68	6.6	4.8	7.2

136 100

137 11.2 8.9 13.3

54 8.4 7.0 10.6

68 6.6 4.8 7.2



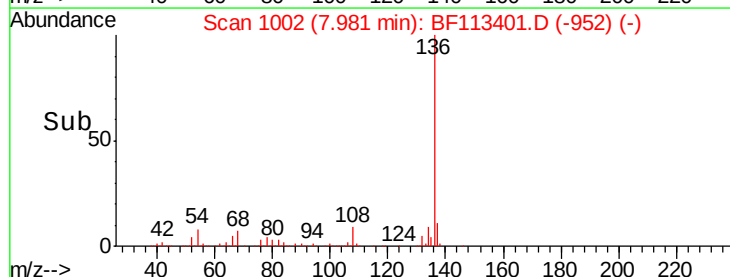
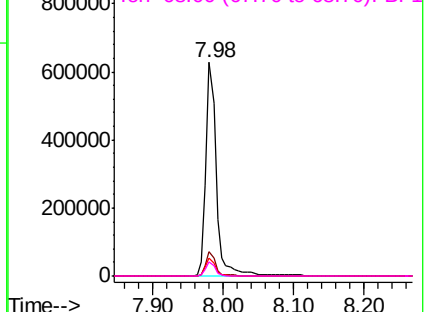
Abundance

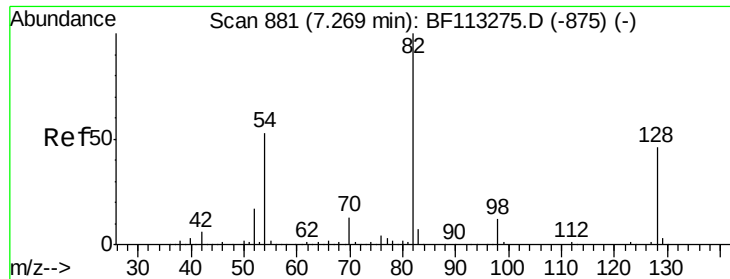
Ion 136.00 (135.70 to 136.70): E

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

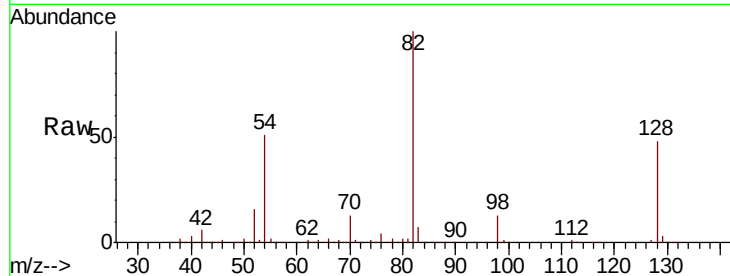




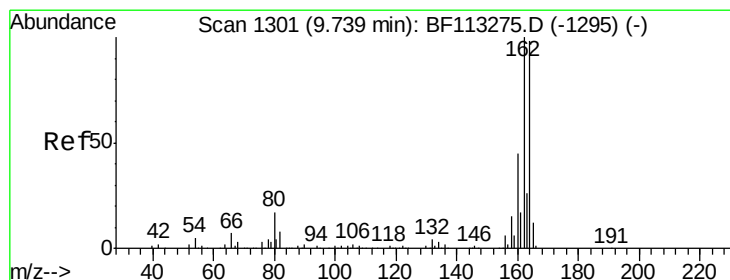
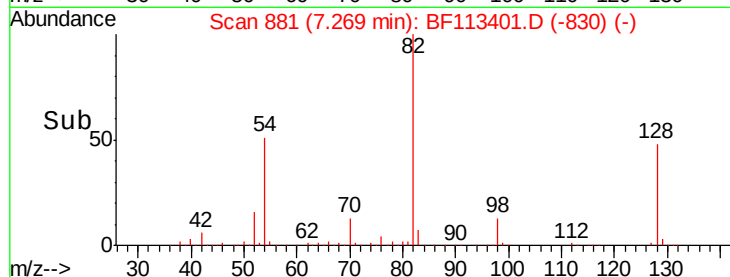
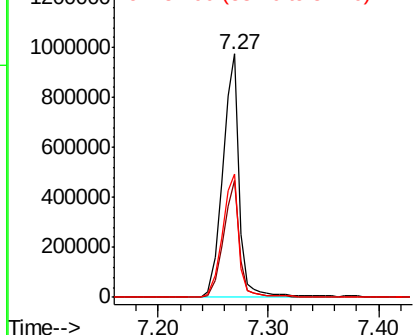
#23
 Nitrobenzene-d5
 Concen: 92.487 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113401.D
 Acq: 29 Mar 2019 5:35

Instrument :
 BNA_F
 ClientSampleId :
 DR-WC-001

Tot Ion: 82 Resp: 1016718
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.5 54.7
 54 50.7 42.2 63.2

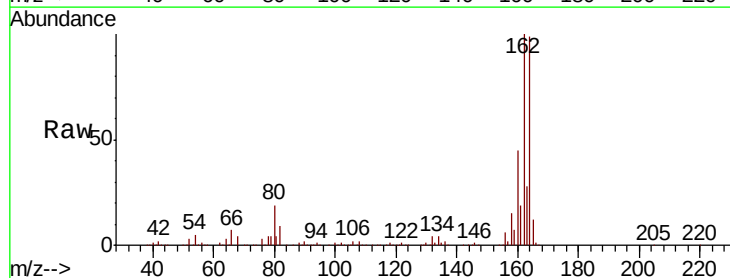


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

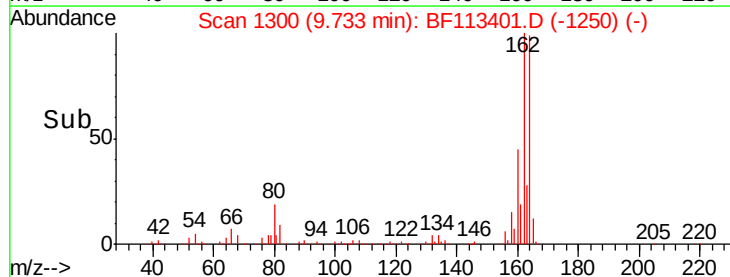
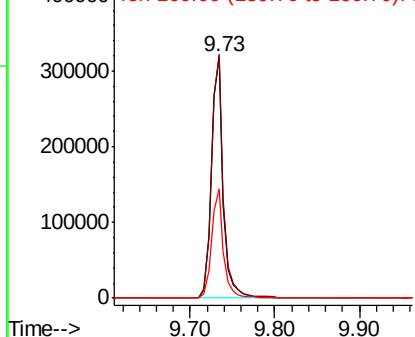


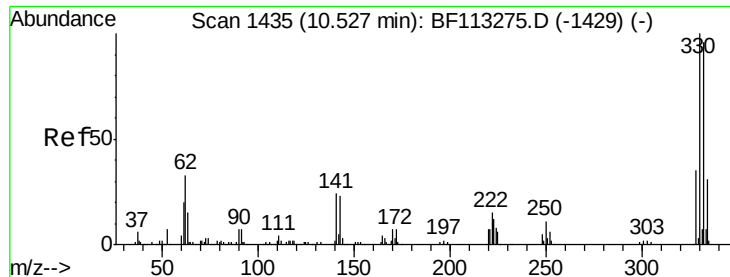
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113401.D
 Acq: 29 Mar 2019 5:35

Tgt Ion:164 Resp: 315558
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.8 122.6
 160 45.0 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

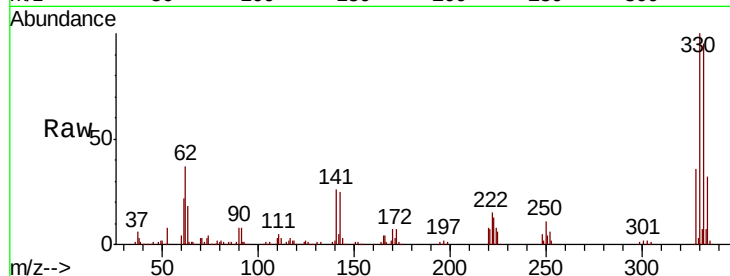




#42
 2,4,6-Tribromophenol
 Concen: 127.393 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113401.D
 Acq: 29 Mar 2019 5:35

Instrument :
 BNA_F
 ClientSampleID :
 DR-WC-001

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.8	116.6
141	26.9	22.7	34.1

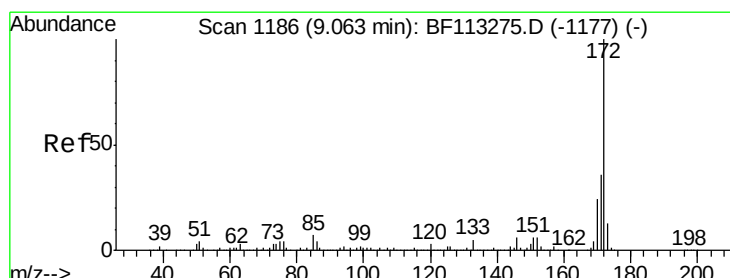
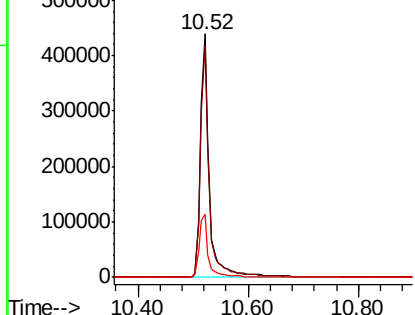
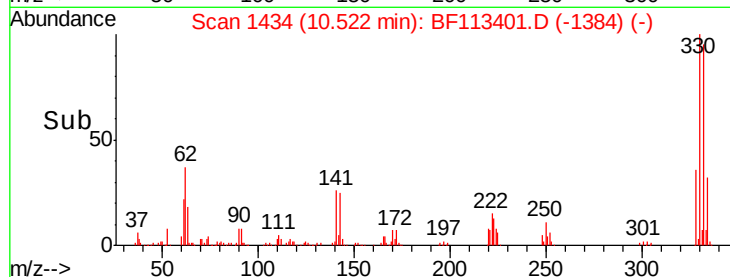


Abundance

Ion 329.80 (329.50 to 330.50): E

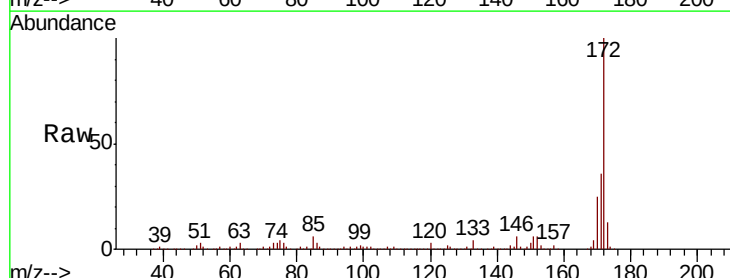
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.955 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113401.D
 Acq: 29 Mar 2019 5:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.6	19.5	29.3

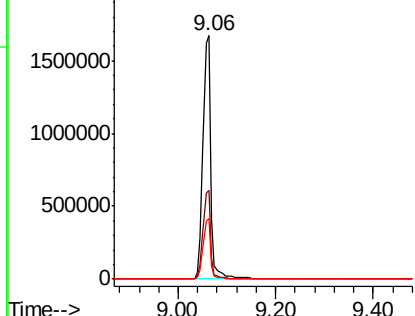
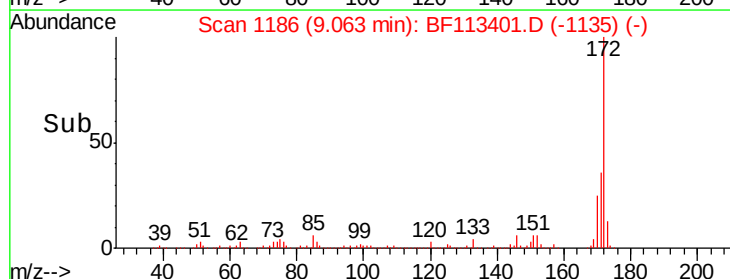


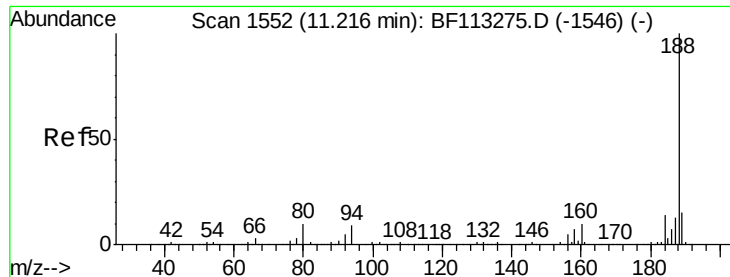
Abundance

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

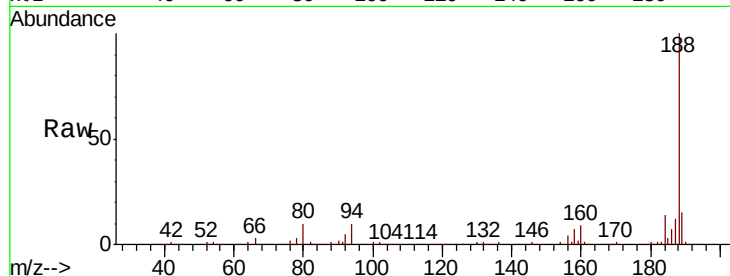




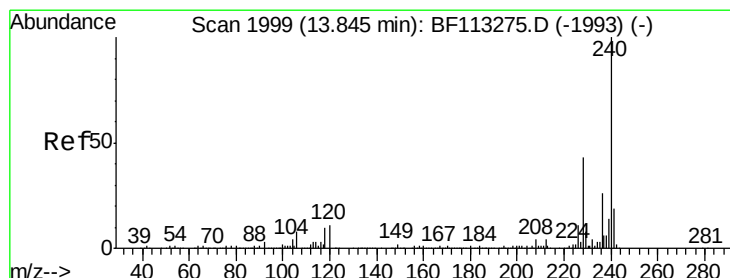
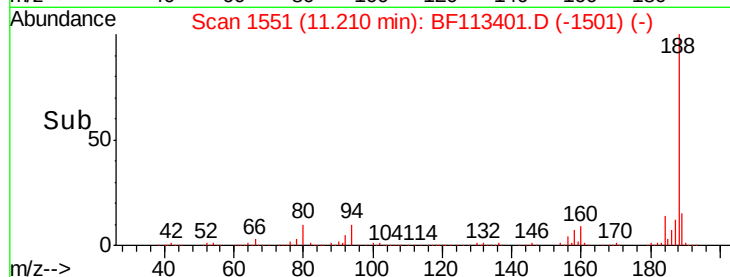
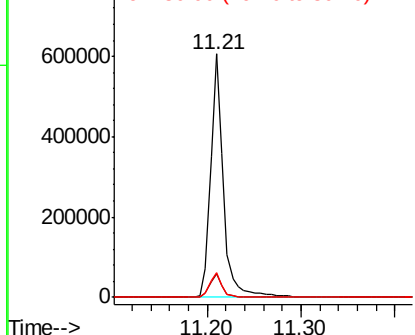
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113401.D
Acq: 29 Mar 2019 5:35

Instrument :
BNA_F
ClientSampleId :
DR-WC-001

Tot Ion:188 Resp: 586005
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 9.9 7.7 11.5

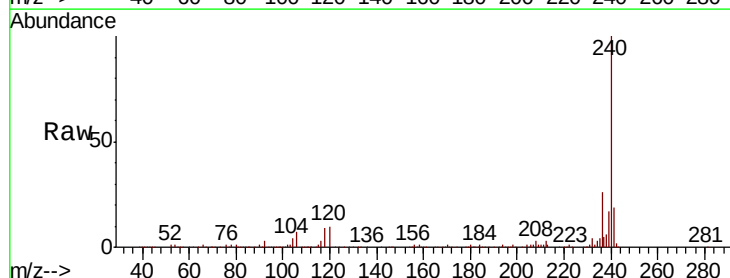


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

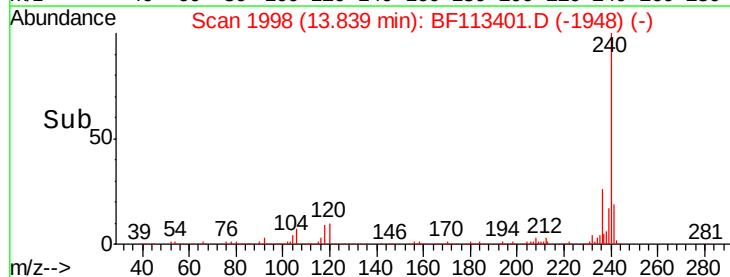
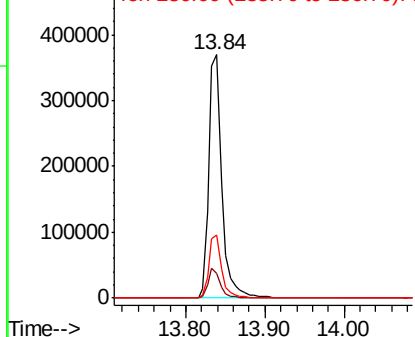


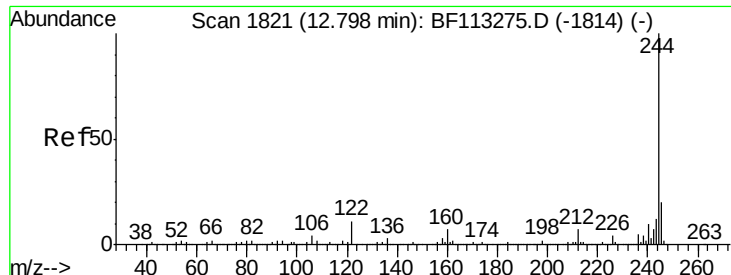
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113401.D
Acq: 29 Mar 2019 5:35

Tgt Ion:240 Resp: 425029
Ion Ratio Lower Upper
240 100
120 10.1 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: 90.438 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113401.D

Acq: 29 Mar 2019 5:35

Instrument :

BNA_F

ClientSampleId :

DR-WC-001

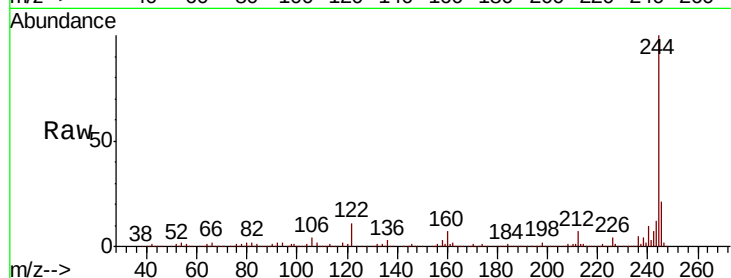
Tot Ion:244 Resp: 1743916

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

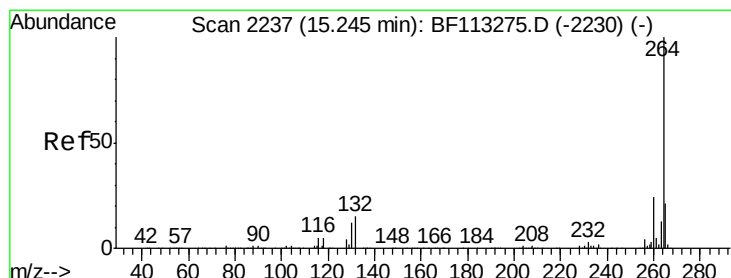
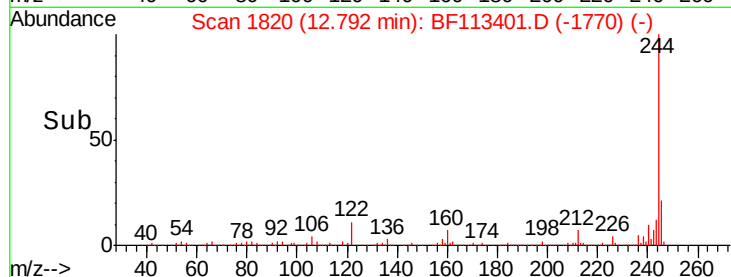
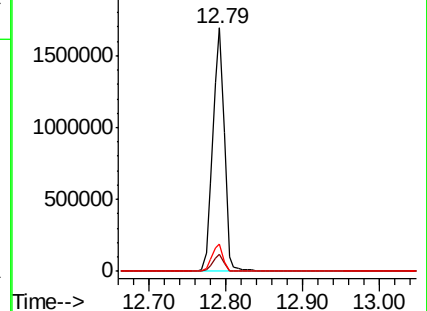
122 11.3 8.6 13.0



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# 2236

Delta R.T. -0.01 min

Lab File: BF113401.D

Acq: 29 Mar 2019 5:35

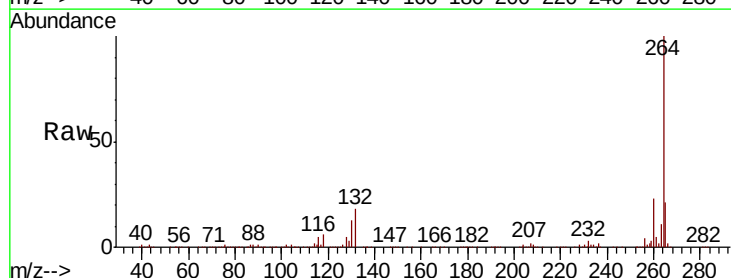
Tgt Ion:264 Resp: 429039

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.5 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

