

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113365.D
 Acq On : 28 Mar 2019 9:13
 Operator : JU/SJ
 Sample : PB118325BL
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BL

Quant Time: Mar 29 05:12:03 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	171902	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	642935	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	289607	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	518451	20.00	ng	0.00
76) Chrysene-d12	13.83	240	418988	20.00	ng	-0.01
87) Perylene-d12	15.24	264	320381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	652336	62.05	ng	0.00
7) Phenol-d6	6.35	99	948175	71.29	ng	-0.01
23) Nitrobenzene-d5	7.26	82	541193	49.96	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	42793	11.96	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1169742	57.63	ng	0.00
79) Terphenyl-d14	12.79	244	1023626	53.85	ng	-0.01

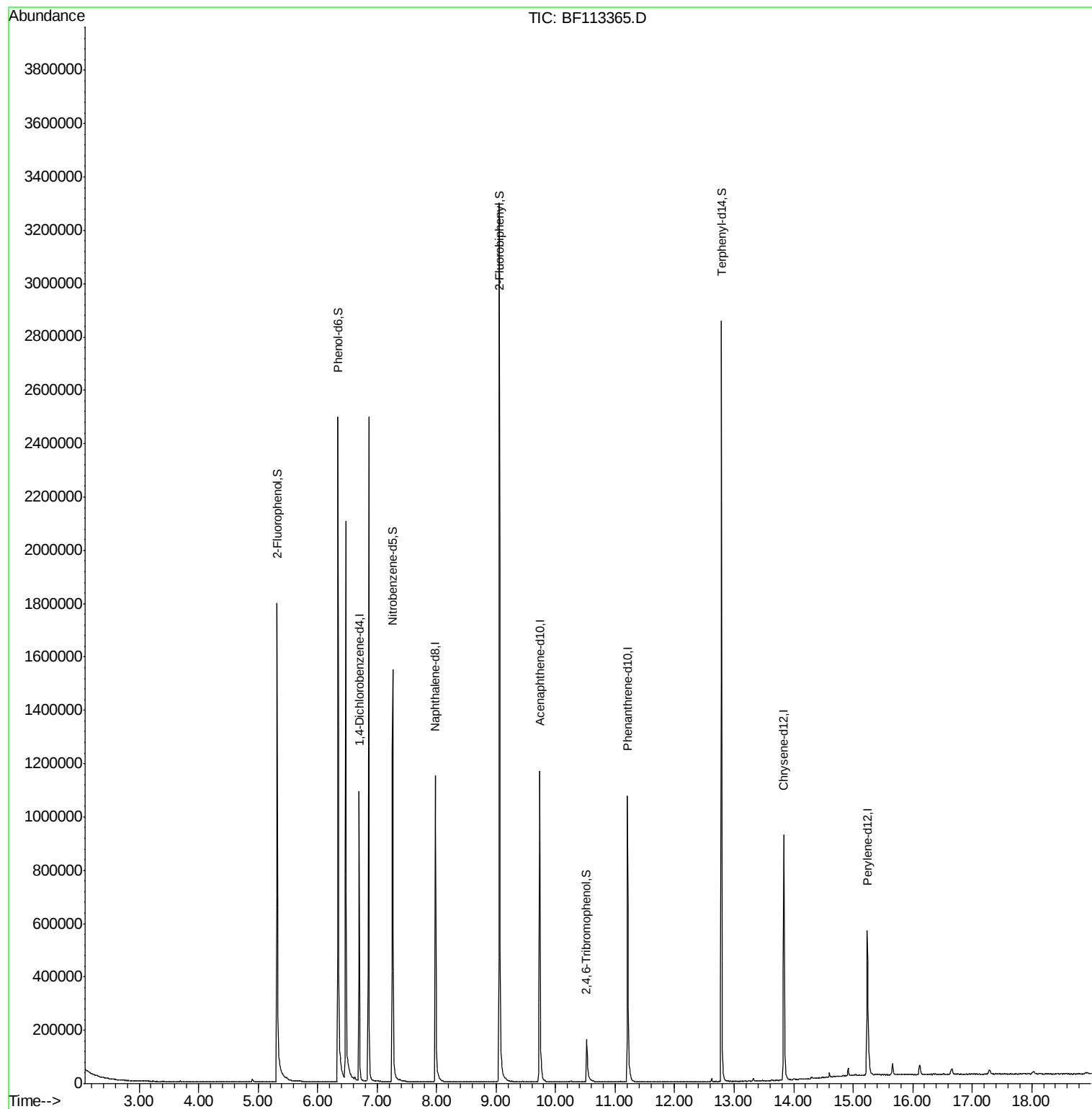
Target Compounds Qvalue

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

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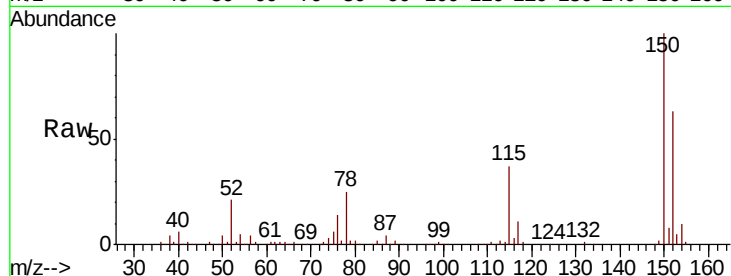


#1

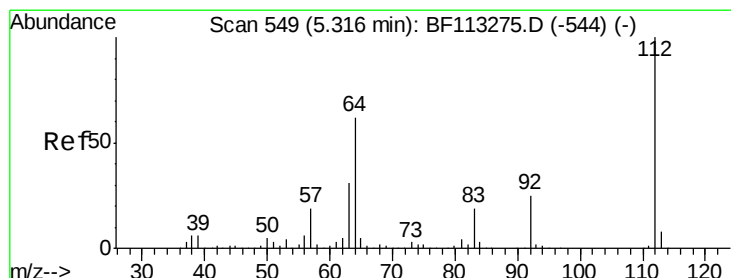
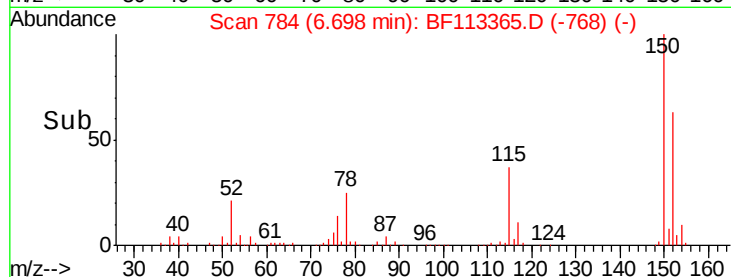
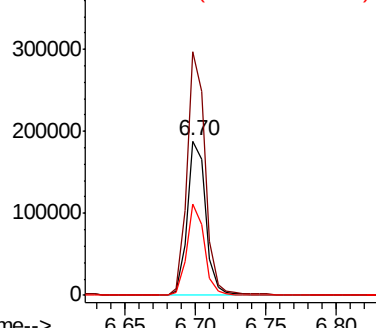
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113365.D
Acq: 28 Mar 2019 9:13

Instrument :
BNA_F
ClientSampleId :
PB118325BL

Tot Ion:152 Resp: 171902
Ion Ratio Lower Upper
152 100
150 157.9 124.7 187.1
115 59.2 46.0 69.0



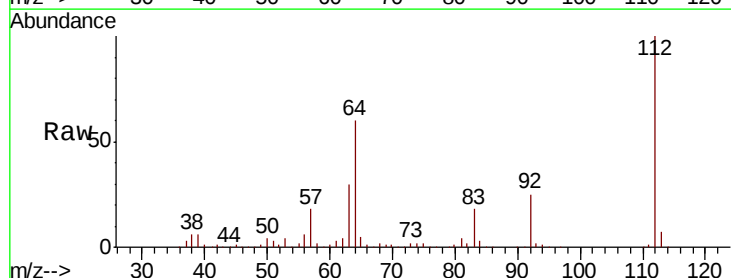
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



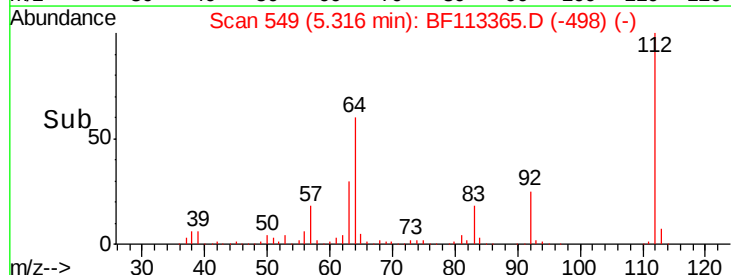
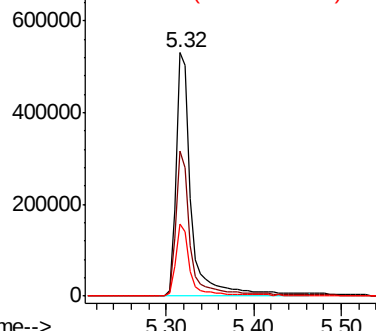
#5

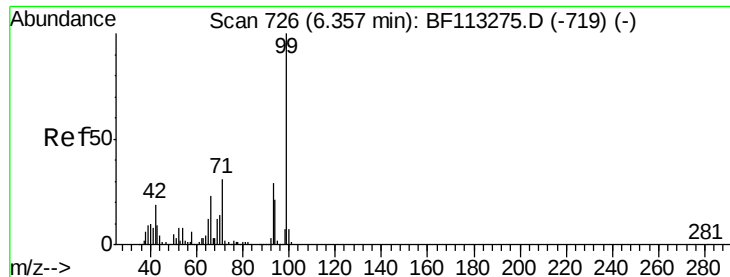
2-Fluorophenol
Concen: 62.050 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF113365.D
Acq: 28 Mar 2019 9:13

Tgt Ion:112 Resp: 652336
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 29.7 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: 71.293 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113365.D

Acq: 28 Mar 2019 9:13

Instrument :

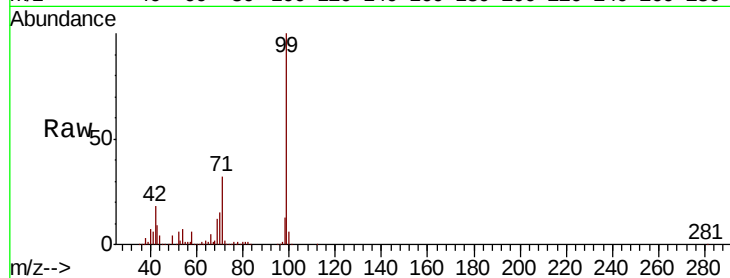
BNA_F

ClientSampleId :

PB118325BL

Tot Ion: 99 Resp: 948175

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	31.7	24.9	37.3

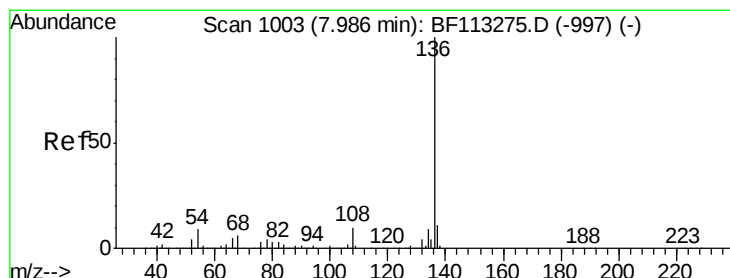
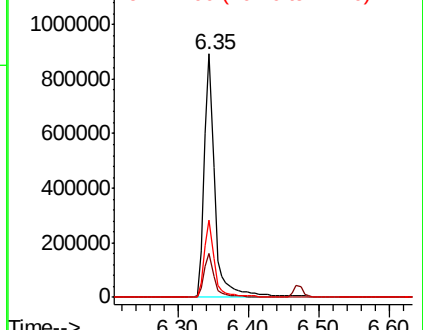
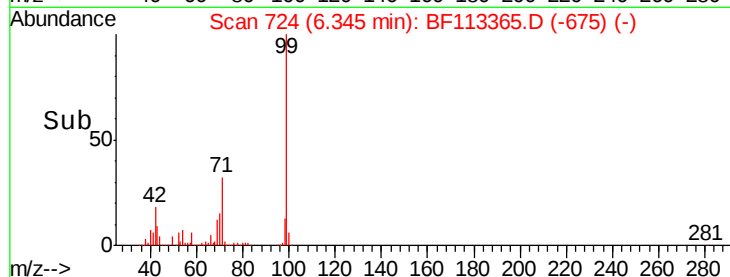


Abundance

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

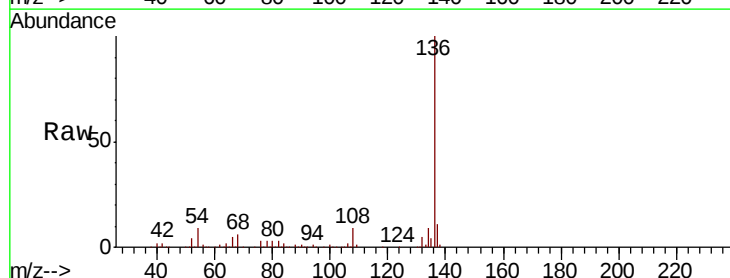
Delta R.T. -0.01 min

Lab File: BF113365.D

Acq: 28 Mar 2019 9:13

Tgt Ion: 136 Resp: 642935

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.6	7.0	10.6
68	6.3	4.8	7.2



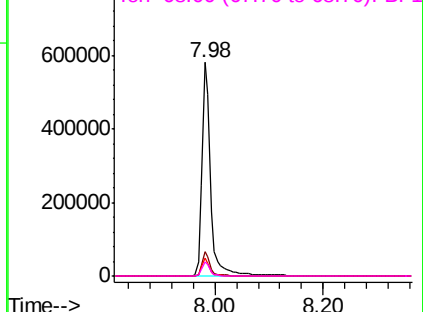
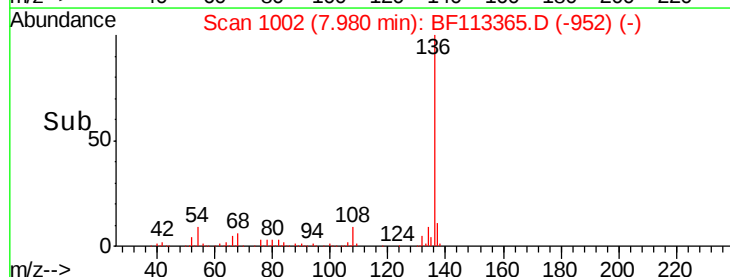
Abundance

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

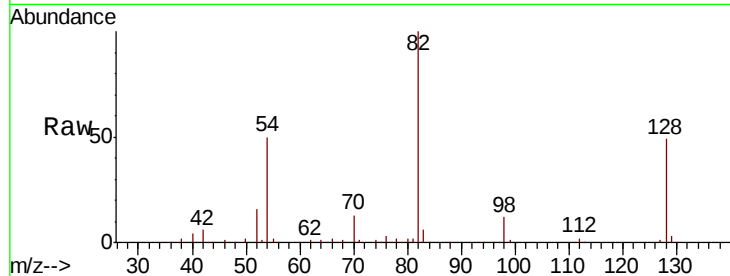




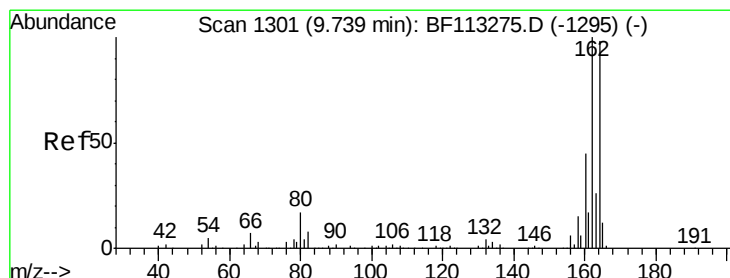
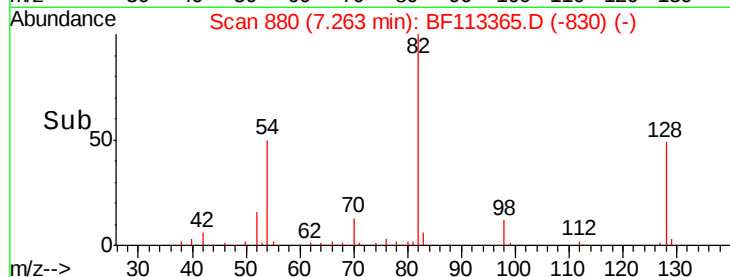
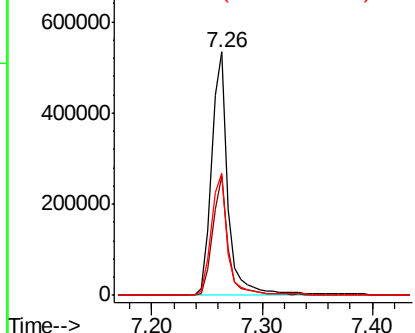
#23
 Nitrobenzene-d5
 Concen: 49.961 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113365.D
 Acq: 28 Mar 2019 9:13

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BL

Tot Ion: 82 Resp: 541193
 Ion Ratio Lower Upper
 82 100
 128 48.9 36.5 54.7
 54 50.1 42.2 63.2

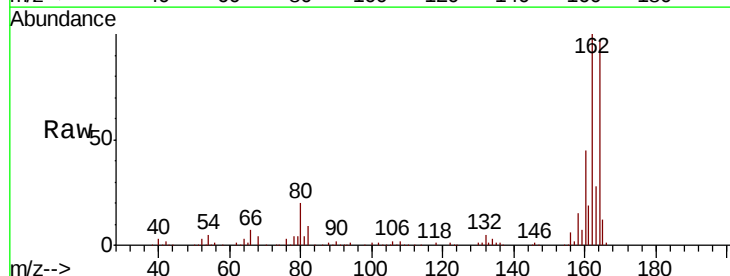


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

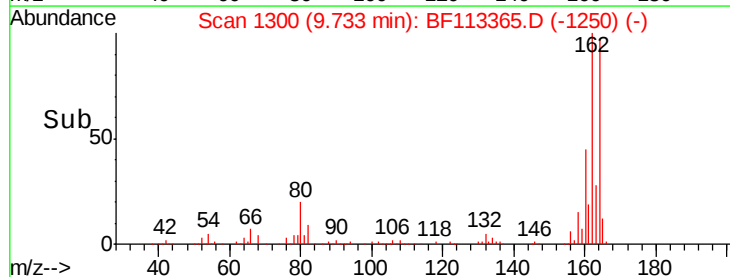
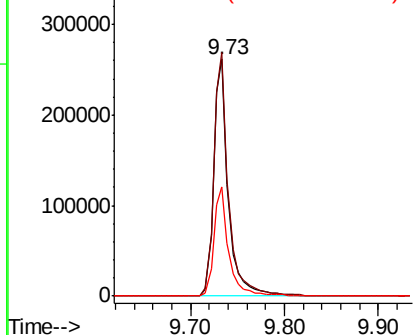


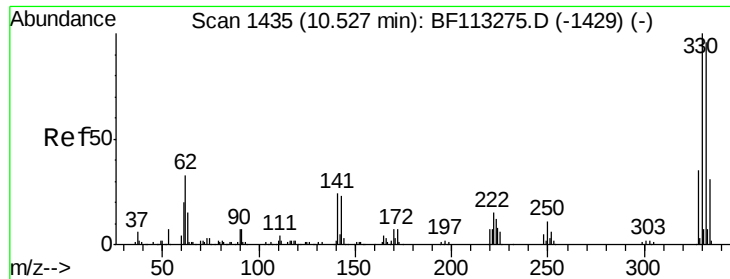
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113365.D
 Acq: 28 Mar 2019 9:13

Tgt Ion:164 Resp: 289607
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.8 122.6
 160 45.9 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

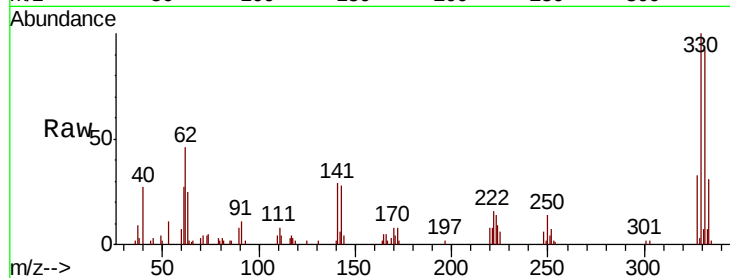




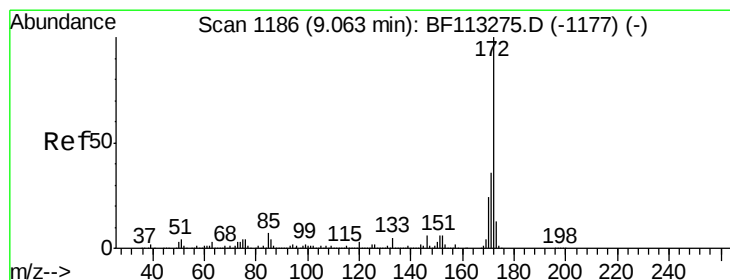
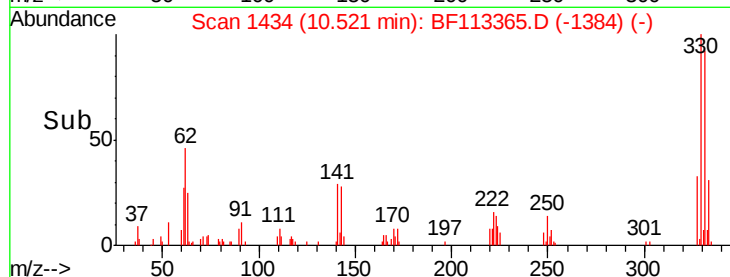
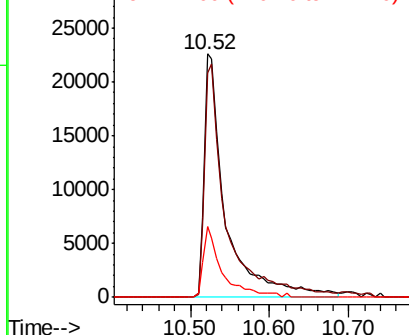
#42
 2,4,6-Tribromophenol
 Concen: 11.962 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113365.D
 Acq: 28 Mar 2019 9:13

Instrument :
 BNA_F
 ClientSampleId :
 PB118325BL

Tot Ion:330 Resp: 42793
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.8 116.6
 141 26.0 22.7 34.1

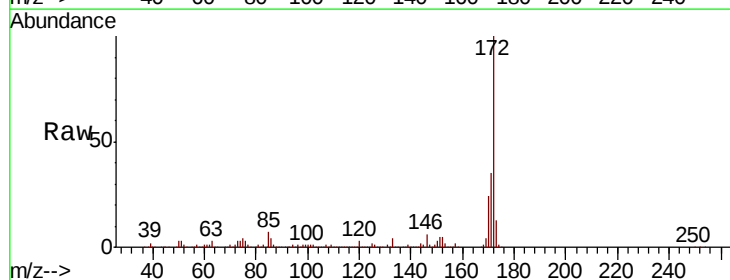


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

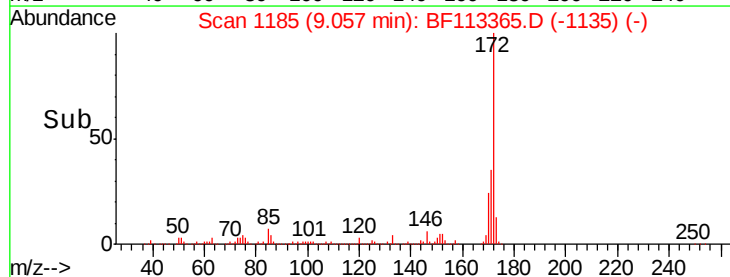
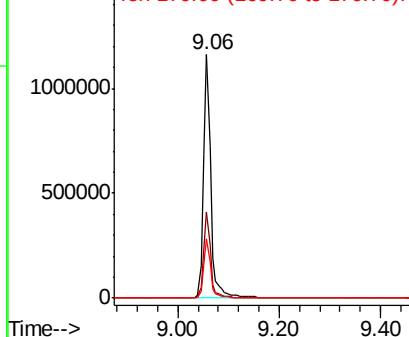


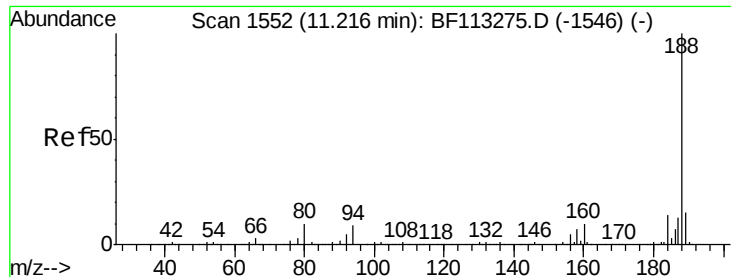
#45
 2-Fluorobiphenyl
 Concen: 57.627 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF113365.D
 Acq: 28 Mar 2019 9:13

Tgt Ion:172 Resp: 1169742
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.6
 170 24.1 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

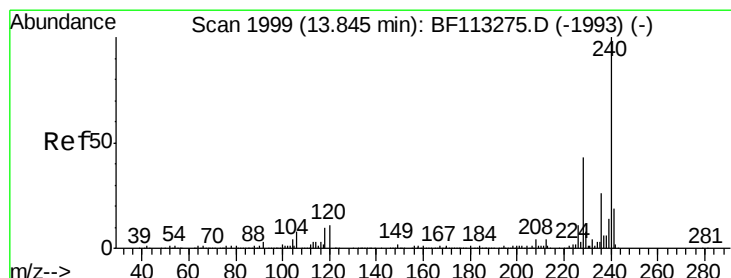
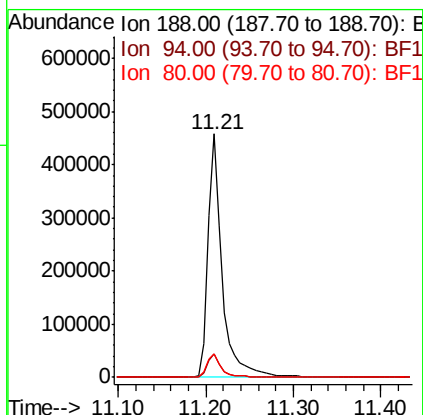
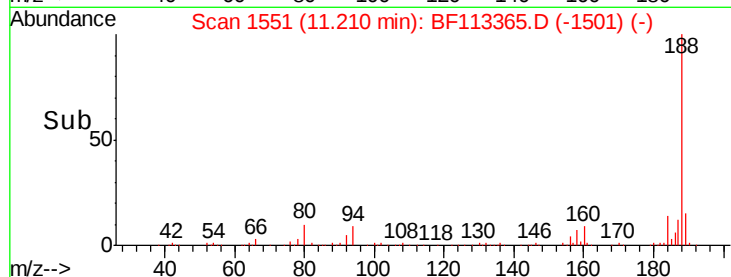
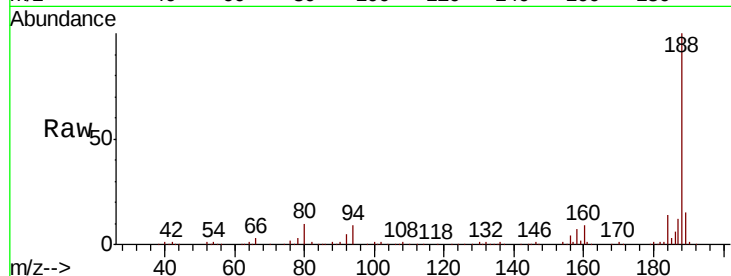




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113365.D
Acq: 28 Mar 2019 9:13

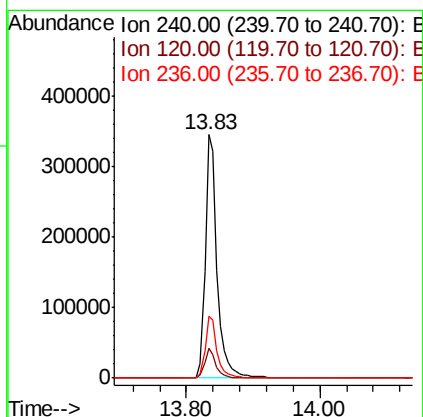
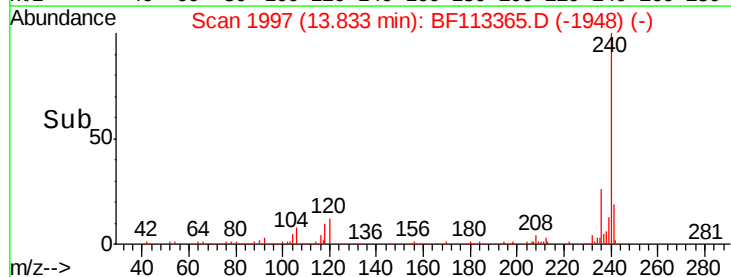
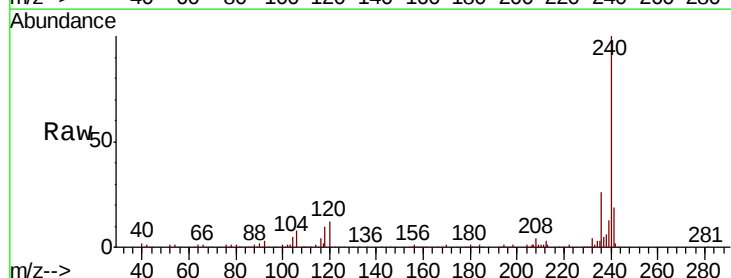
Instrument :
BNA_F
ClientSampleId :
PB118325BL

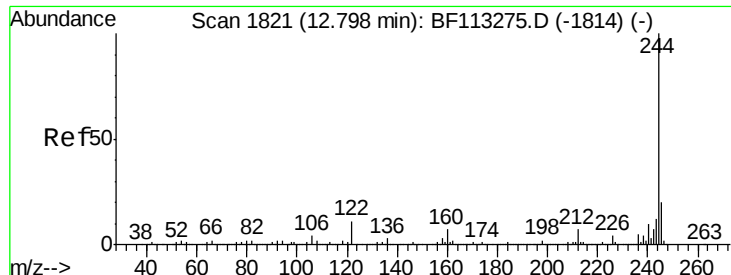
Tot Ion:188 Resp: 518451
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113365.D
Acq: 28 Mar 2019 9:13

Tgt Ion:240 Resp: 418988
Ion Ratio Lower Upper
240 100
120 12.4 8.8 13.2
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 53.850 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113365.D

Acq: 28 Mar 2019 9:13

Instrument :

BNA_F

ClientSampled :

PB118325BL

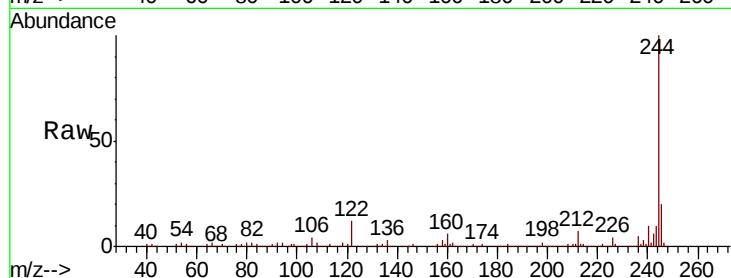
Tot Ion:244 Resp: 1023626

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

122 11.8 8.6 13.0

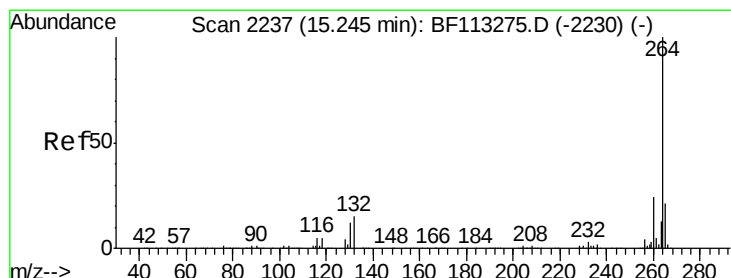
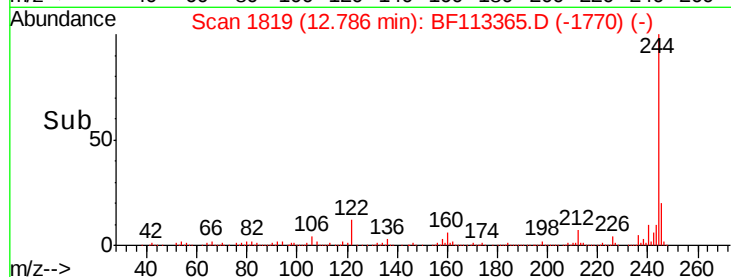
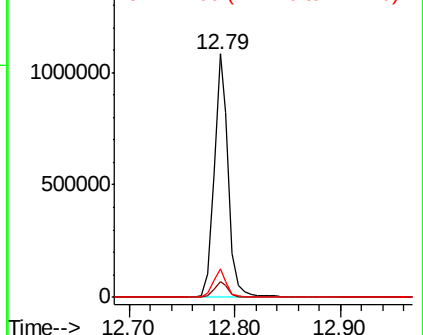


Abundance

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: BF113365.D

Acq: 28 Mar 2019 9:13

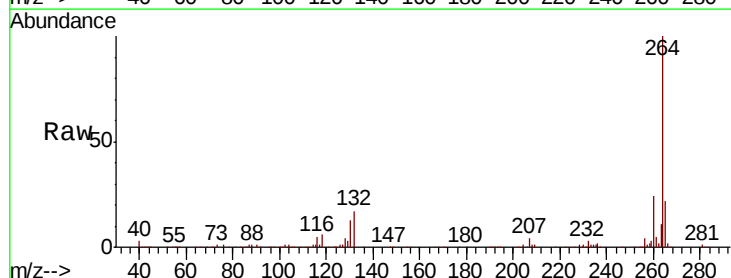
Tgt Ion:264 Resp: 320381

Ion Ratio Lower Upper

264 100

260 23.5 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

