

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113374.D
 Acq On : 28 Mar 2019 15:11
 Operator : JU/SJ
 Sample : K2106-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1

Quant Time: Mar 29 02:18:56 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	189642	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	650383	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	271951	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	494990	20.00	ng	0.00
76) Chrysene-d12	13.84	240	427180	20.00	ng	0.00
87) Perylene-d12	15.24	264	309666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	738842	63.70	ng	0.00
7) Phenol-d6	6.35	99	727206	49.56	ng	-0.01
23) Nitrobenzene-d5	7.27	82	921787	84.12	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	342108	101.84	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1542239	89.90	ng	0.00
79) Terphenyl-d14	12.79	244	1508543	77.84	ng	0.00

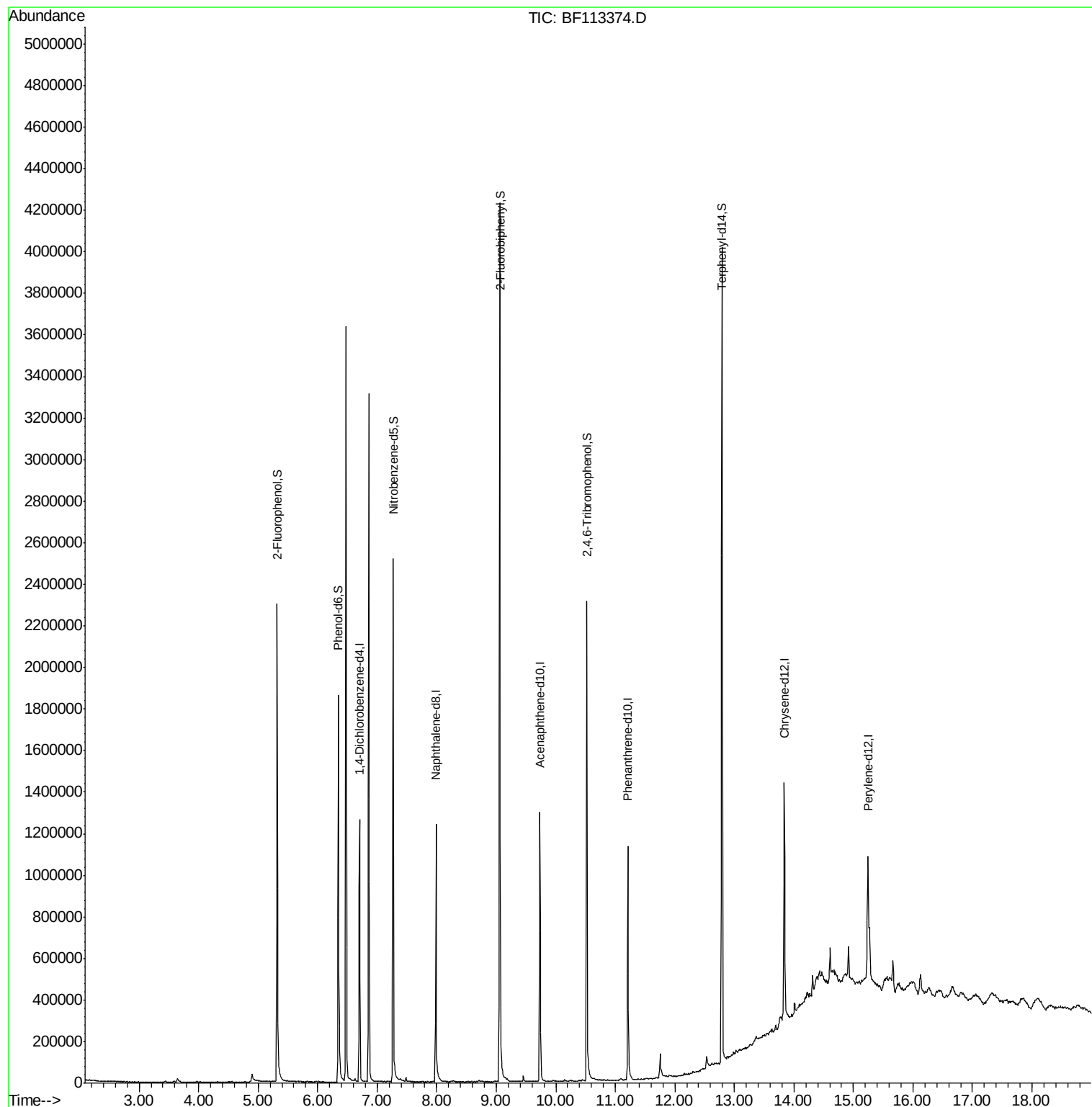
Target Compounds Qvalue

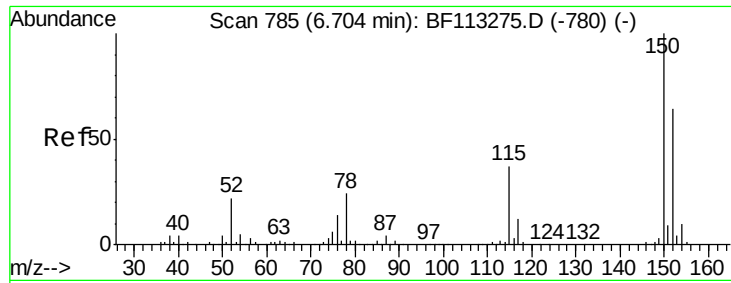
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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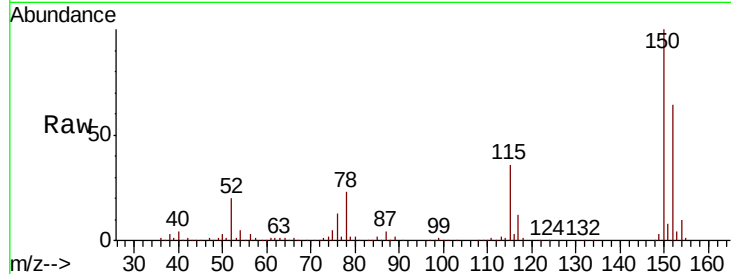


#1

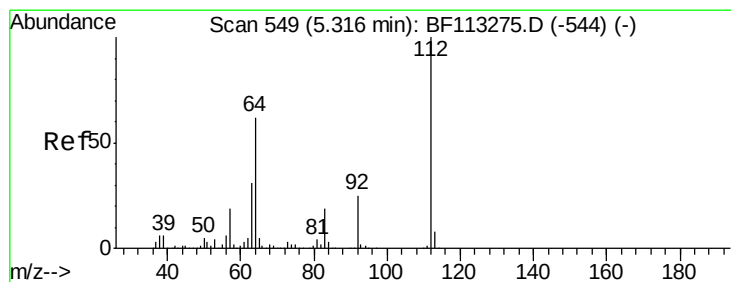
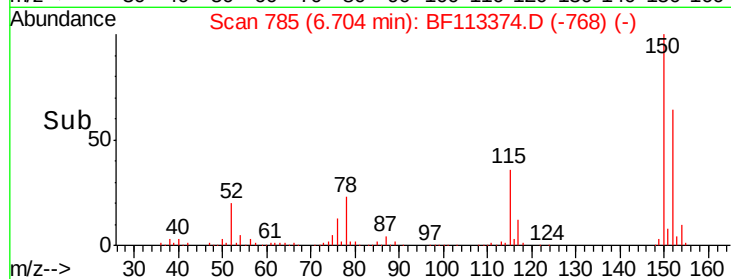
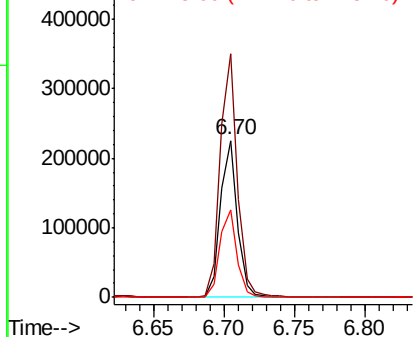
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113374.D
Acq: 28 Mar 2019 15:11

Instrument :
BNA_F
ClientSampleId :
W-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.7	187.1
115	55.8	46.0	69.0



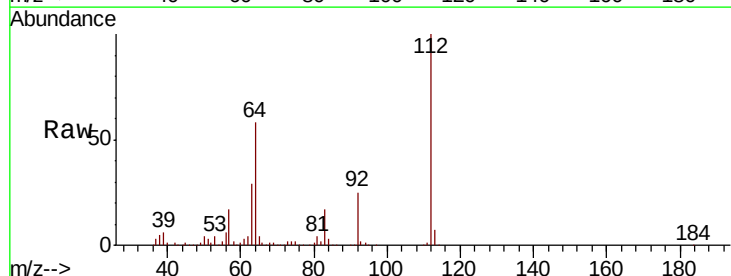
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



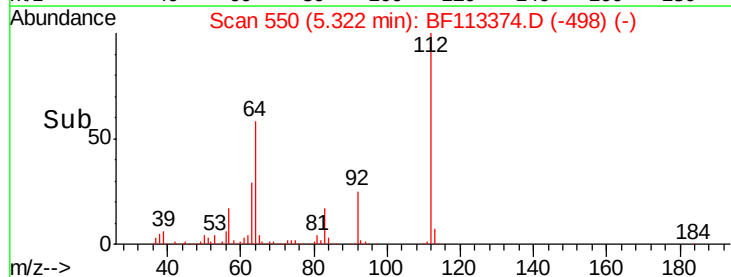
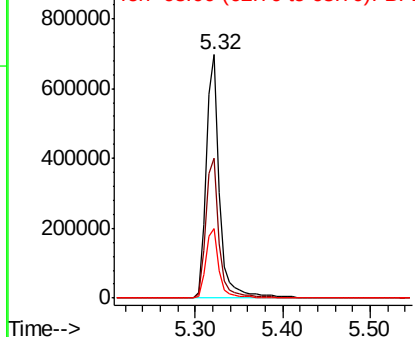
#5

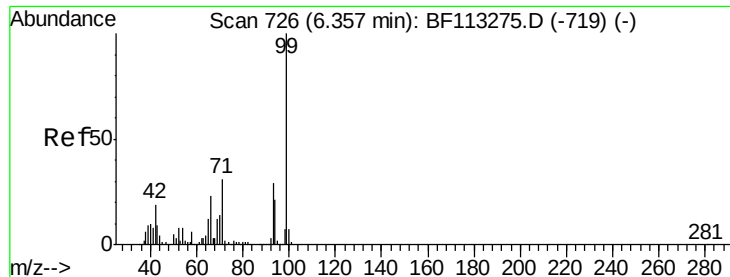
2-Fluorophenol
Concen: 63.704 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113374.D
Acq: 28 Mar 2019 15:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	49.2	73.8
63	28.7	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: 49.564 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113374.D

Acq: 28 Mar 2019 15:11

Instrument :

BNA_F

ClientSampleId :

W-1

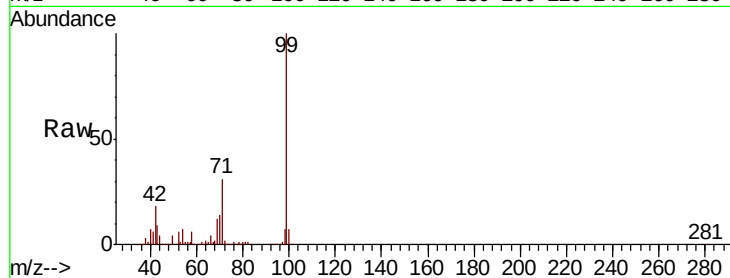
Tot Ion: 99 Resp: 727206

Ion Ratio Lower Upper

99 100

42 18.0 14.8 22.2

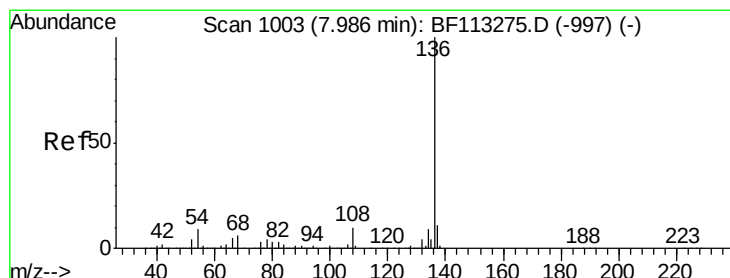
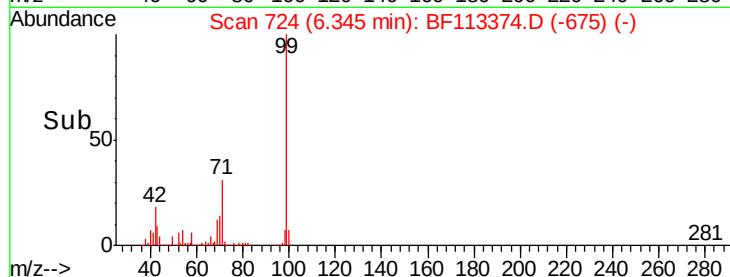
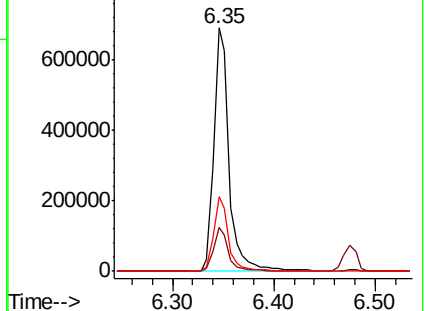
71 30.8 24.9 37.3



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: BF113374.D

Acq: 28 Mar 2019 15:11

Tgt Ion: 136 Resp: 650383

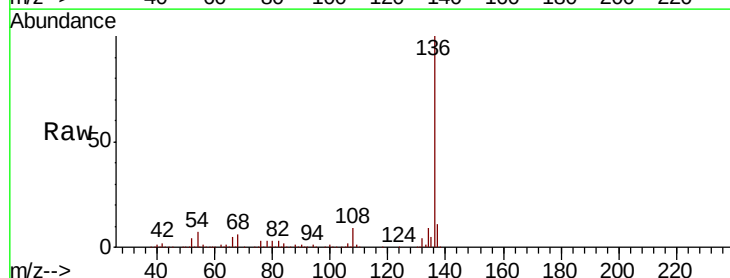
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.3 7.0 10.6

68 5.8 4.8 7.2

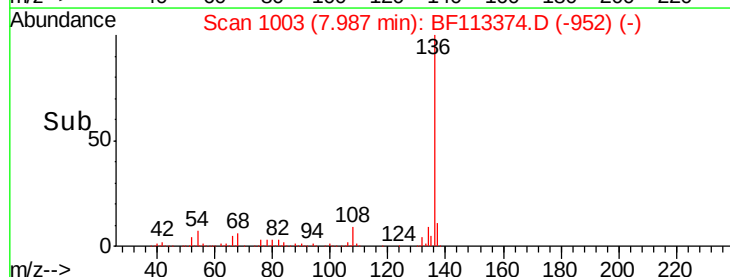
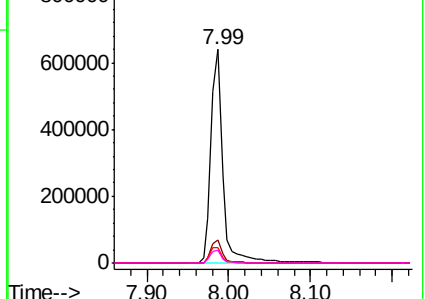


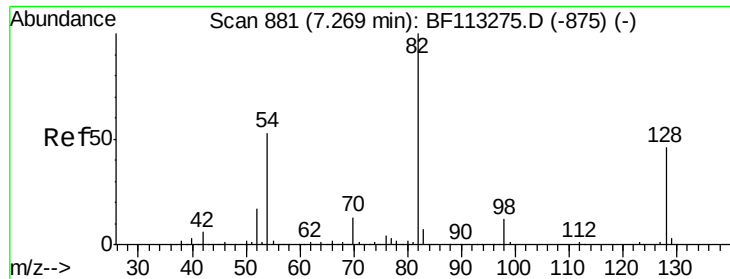
Abundance Ion 136.00 (135.70 to 136.70): E

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

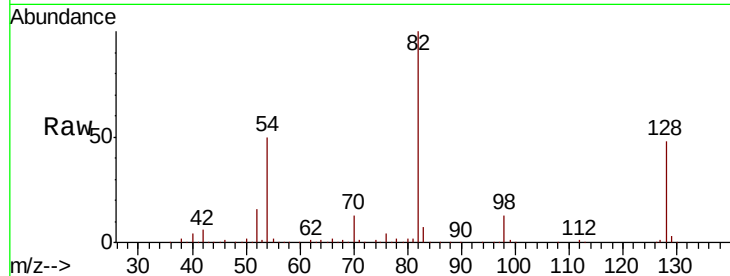




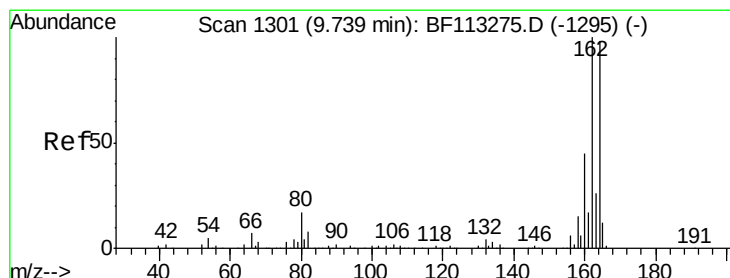
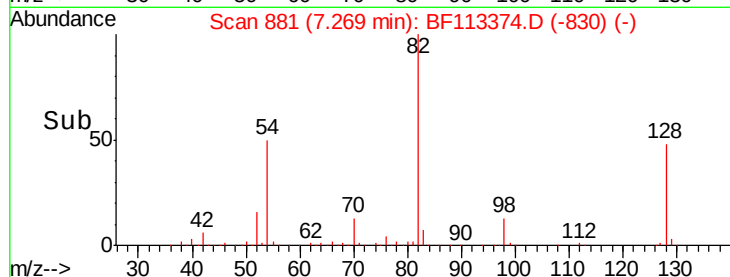
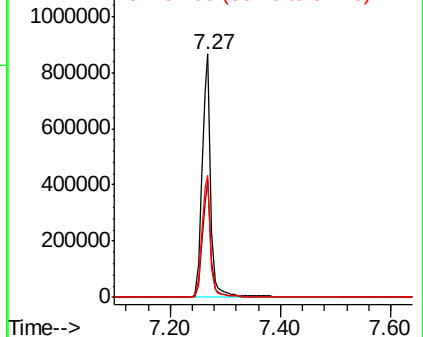
#23
 Nitrobenzene-d5
 Concen: 84.122 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113374.D
 Acq: 28 Mar 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :
 W-1

Tot Ion: 82 Resp: 921787
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.5 54.7
 54 50.2 42.2 63.2

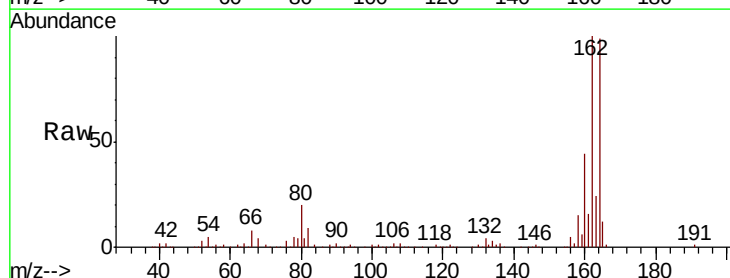


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

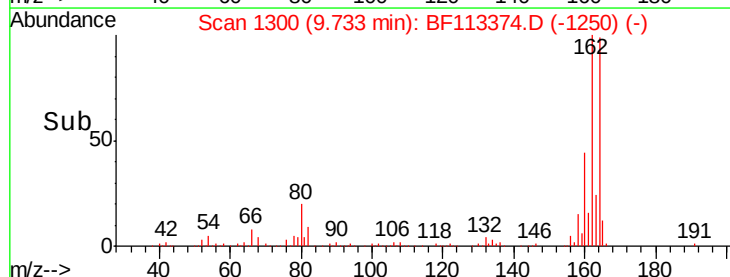
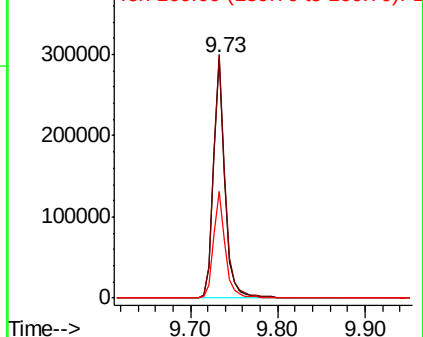


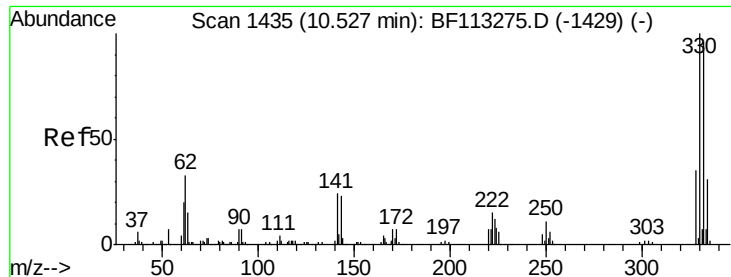
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113374.D
 Acq: 28 Mar 2019 15:11

Tgt Ion: 164 Resp: 271951
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.8 122.6
 160 44.5 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

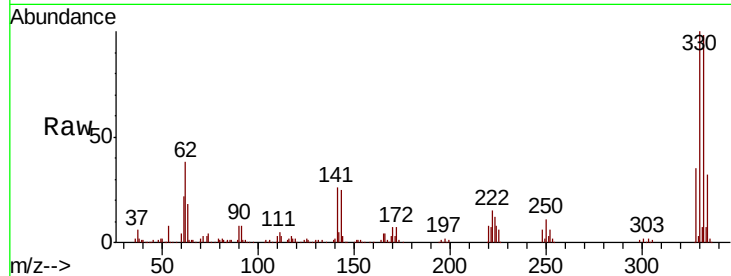




#42
 2,4,6-Tribromophenol
 Concen: 101.842 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113374.D
 Acq: 28 Mar 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :
 W-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.8	116.6
141	28.4	22.7	34.1

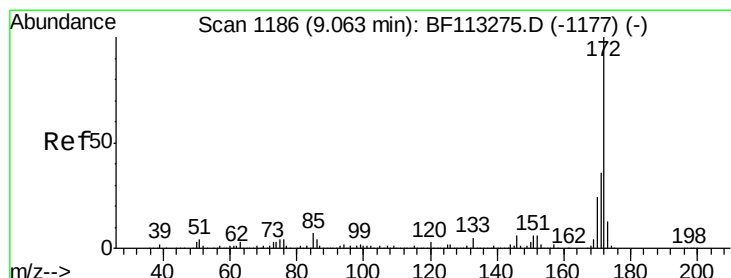
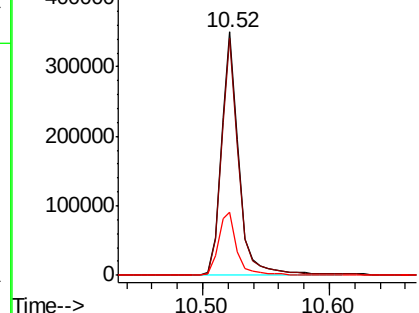
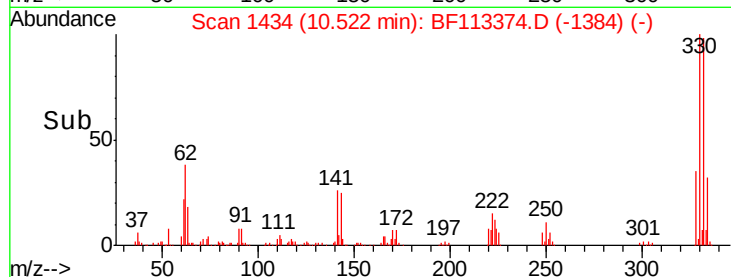


Abundance

Ion 329.80 (329.50 to 330.50): E

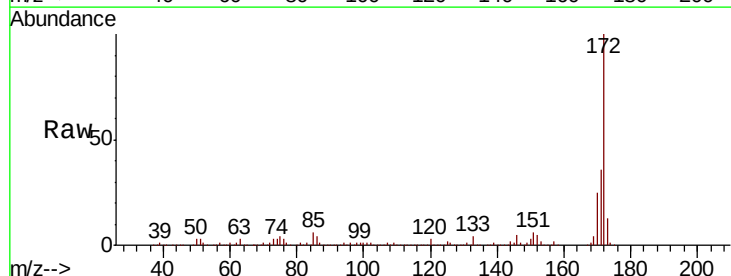
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.902 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113374.D
 Acq: 28 Mar 2019 15:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.8	19.5	29.3

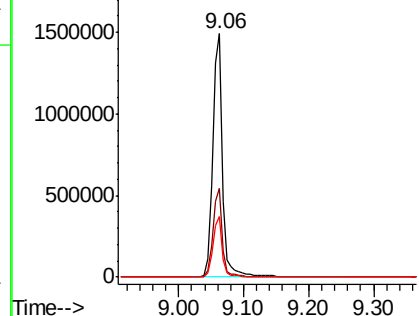
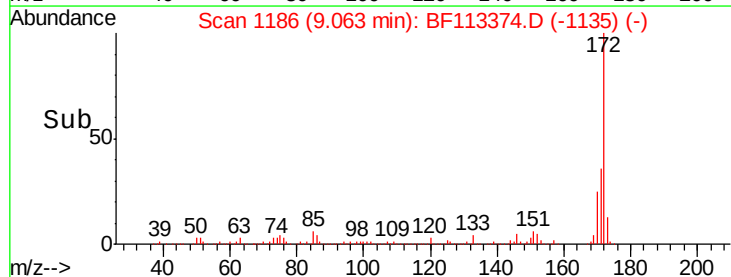


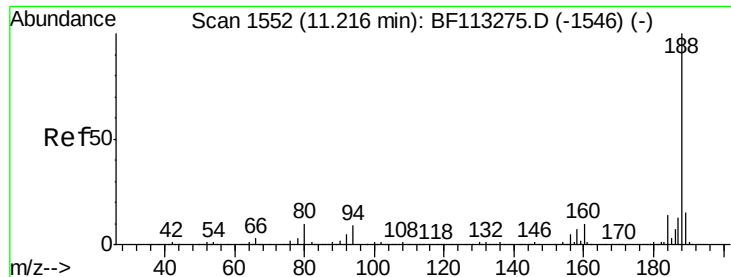
Abundance

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

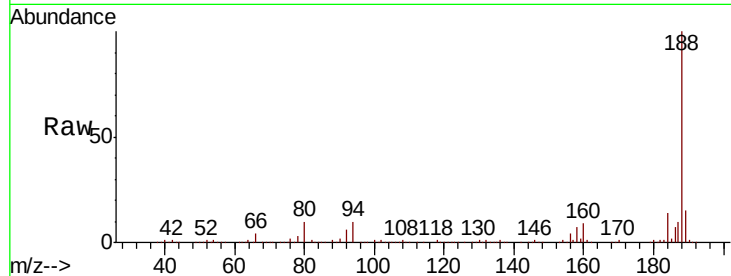




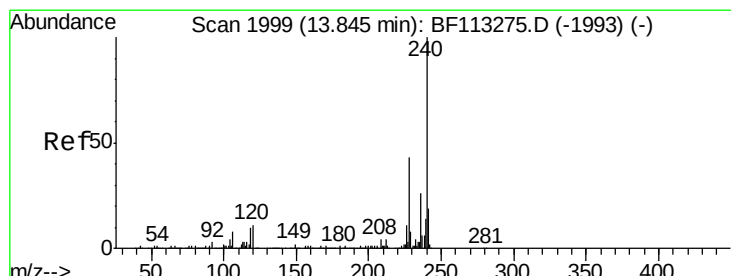
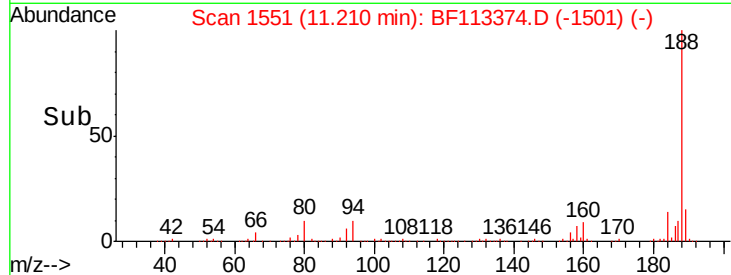
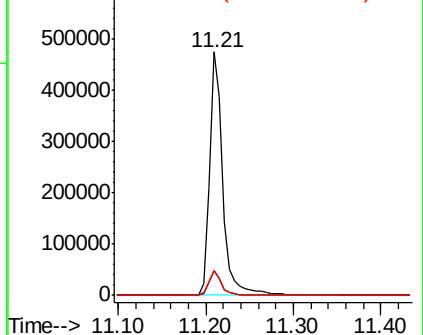
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113374.D
Acq: 28 Mar 2019 15:11

Instrument :
BNA_F
ClientSampleId :
W-1

Tot Ion:188 Resp: 494990
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.4 7.7 11.5

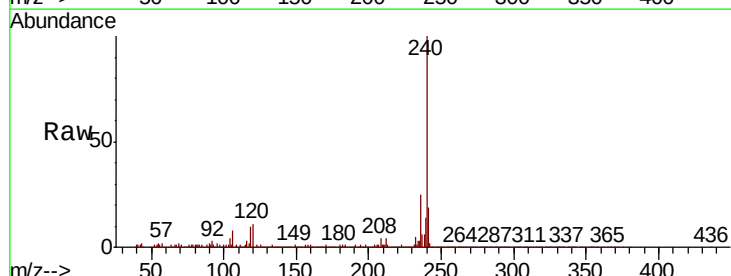


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

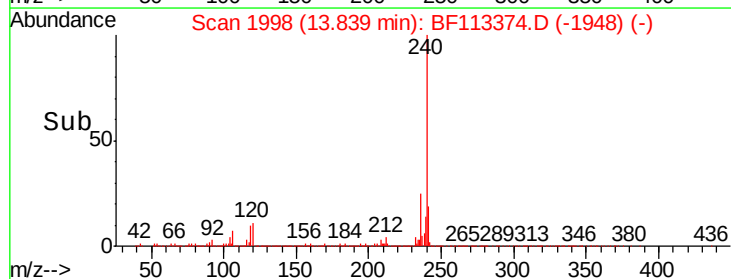
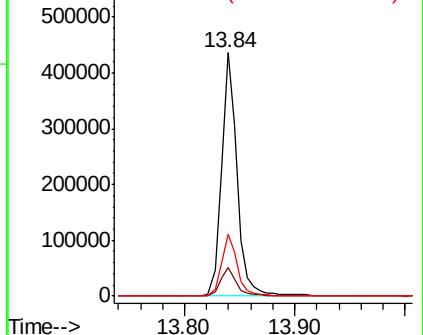


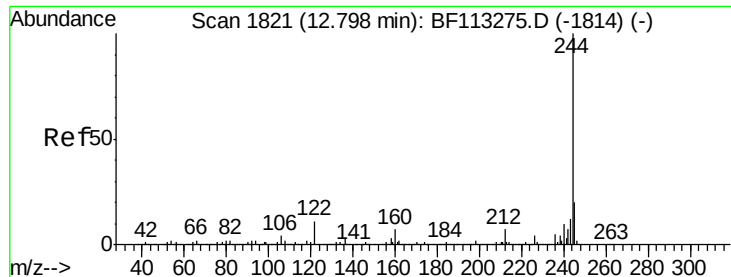
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113374.D
Acq: 28 Mar 2019 15:11

Tgt Ion:240 Resp: 427180
Ion Ratio Lower Upper
240 100
120 11.5 8.8 13.2
236 25.3 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

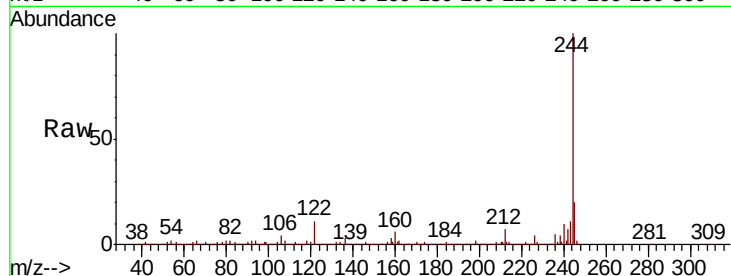




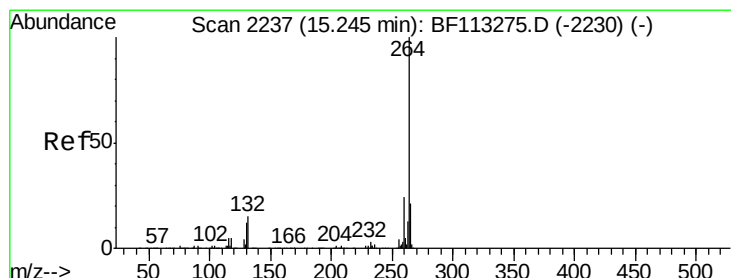
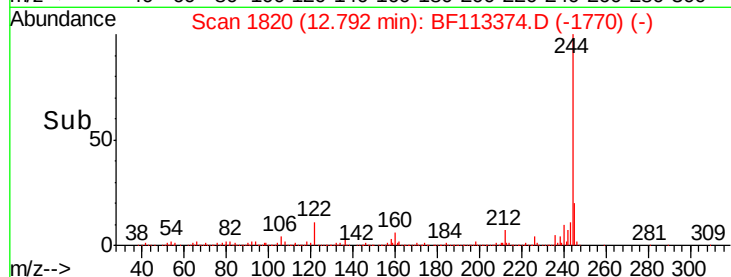
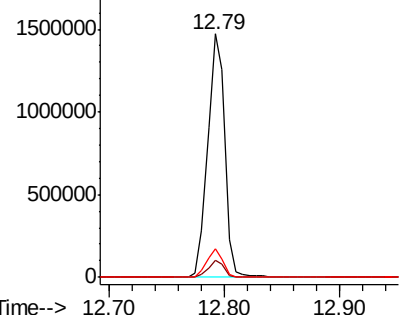
#79
 Terphenyl-d14
 Concen: 77.838 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113374.D
 Acq: 28 Mar 2019 15:11

Instrument :
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 ClientSampleId :
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Tot Ion:244 Resp: 1508543
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.5 8.6 13.0

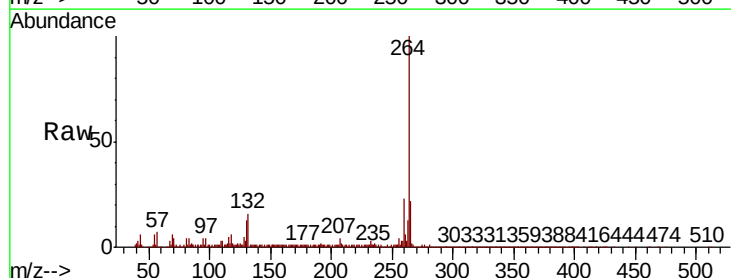


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BF113374.D
 Acq: 28 Mar 2019 15:11

Tgt Ion:264 Resp: 309666
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 22.1 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E
 300000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

