

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104658.D
 Acq On : 20 Apr 2018 4:40
 Operator : JU/SJ
 Sample : PB108328BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BL

Quant Time: Apr 20 05:23:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	130616	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	531241	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	225108	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	338315	20.00	ng	0.00
75) Chrysene-d12	13.97	240	262399	20.00	ng	-0.01
86) Perylene-d12	15.44	264	198290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	652696	76.41	ng	0.00
7) Phenol-d6	6.44	99	777420	74.07	ng	0.00
23) Nitrobenzene-d5	7.37	82	693055	85.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	157613	67.50	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1211389	85.01	ng	0.00
78) Terphenyl-d14	12.92	244	893493	77.63	ng	0.00

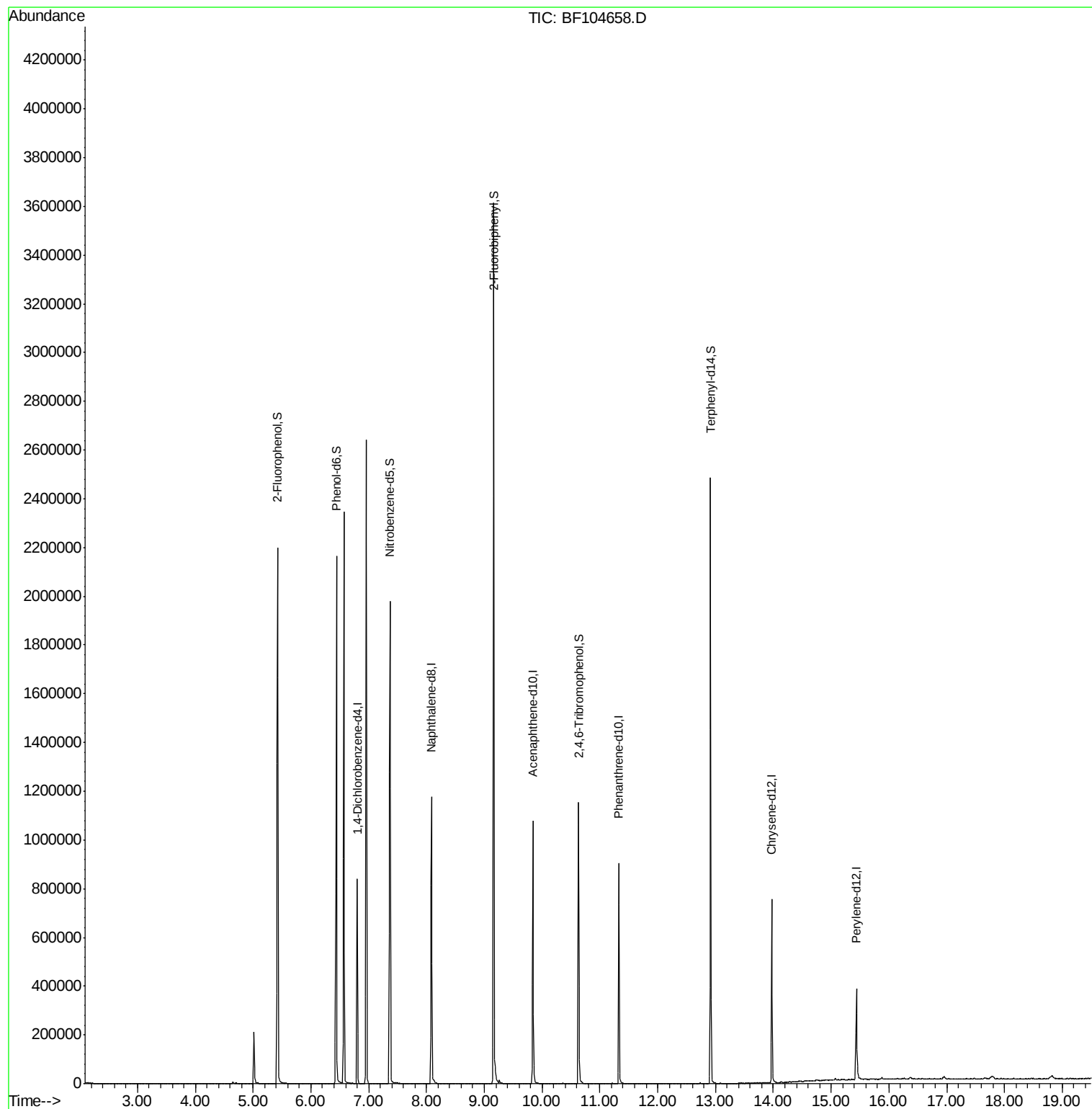
Target Compounds Qvalue

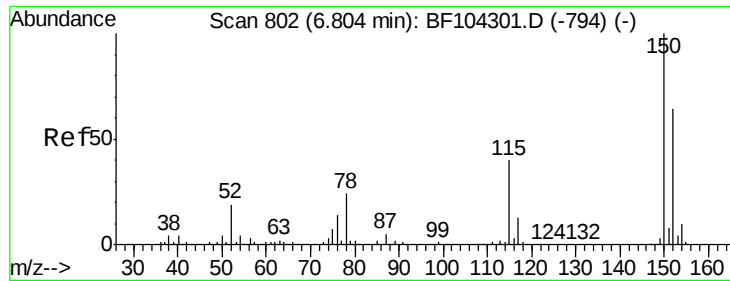
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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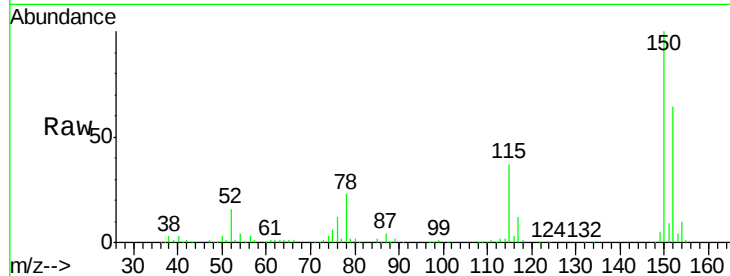


#1

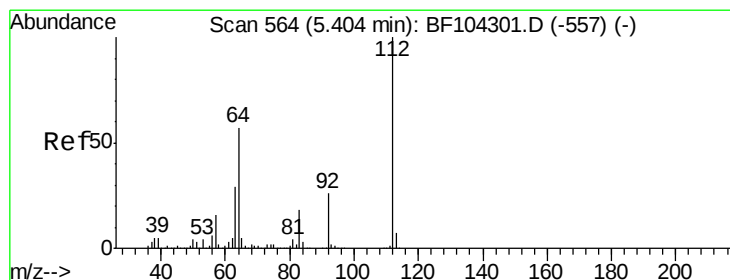
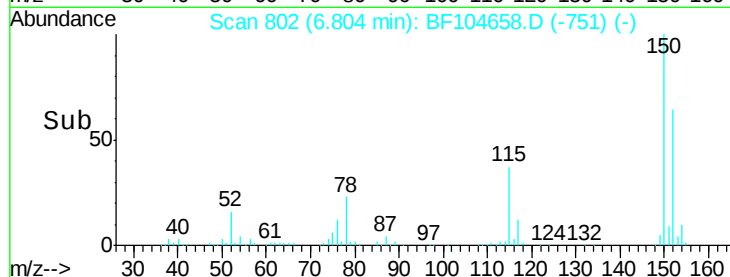
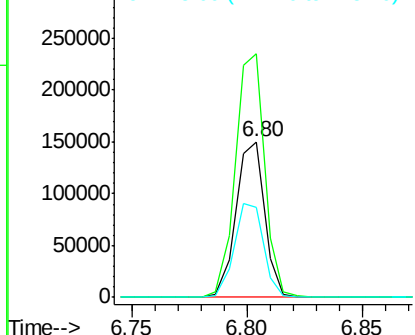
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF104658.D
 Acq: 20 Apr 2018 4:40

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BL

Tot Ion:152 Resp: 130616
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.6 186.8
 115 58.3 50.1 75.1



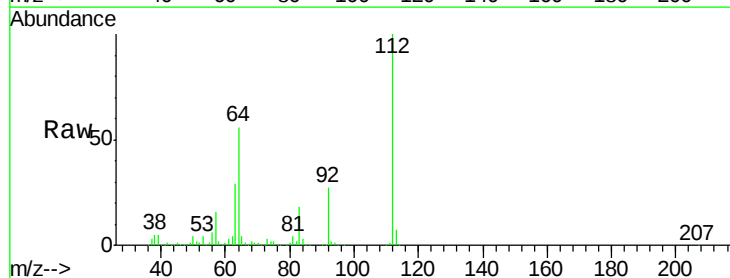
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



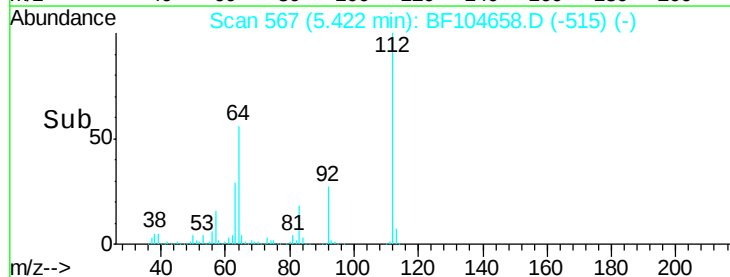
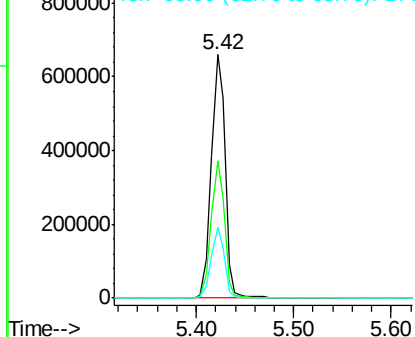
#5

2-Fluorophenol
 Concen: 76.408 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF104658.D
 Acq: 20 Apr 2018 4:40

Tgt Ion:112 Resp: 652696
 Ion Ratio Lower Upper
 112 100
 64 56.2 47.9 71.9
 63 29.0 23.7 35.5



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: 74.071 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104658.D

Acq: 20 Apr 2018 4:40

Instrument :

BNA_F

ClientSampled :

PB108328BL

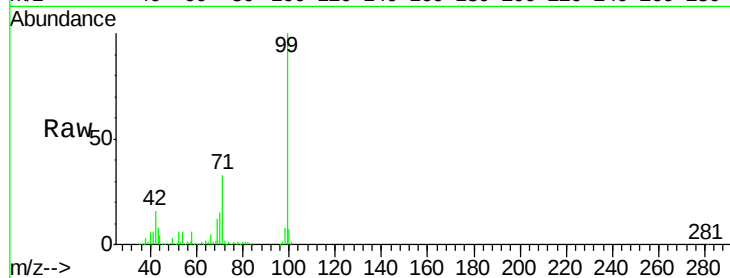
Tot Ion: 99 Resp: 777420

Ion Ratio Lower Upper

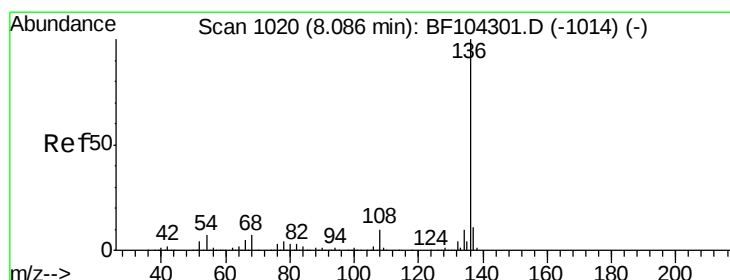
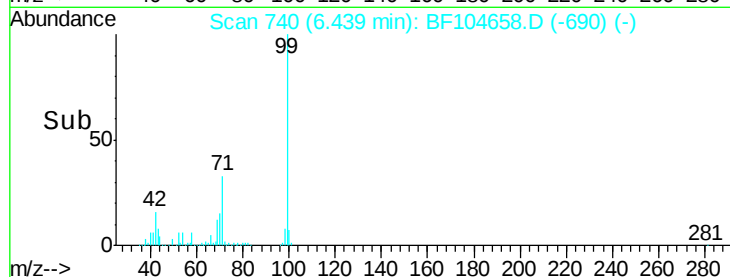
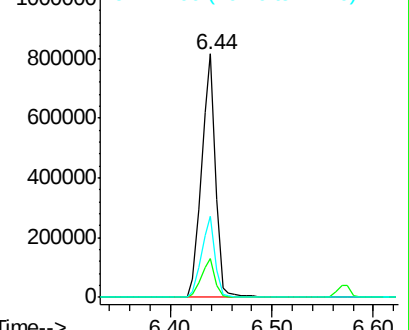
99 100

42 15.7 14.5 21.7

71 33.3 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104658.D

Acq: 20 Apr 2018 4:40

Tgt Ion: 136 Resp: 531241

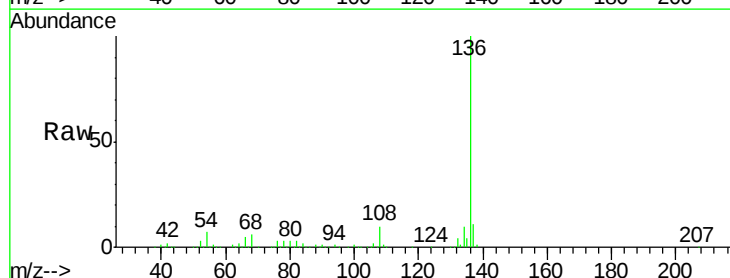
Ion Ratio Lower Upper

136 100

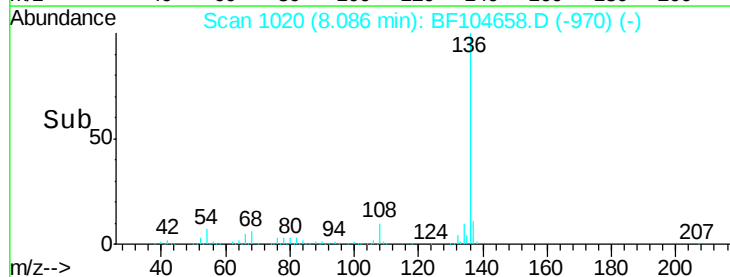
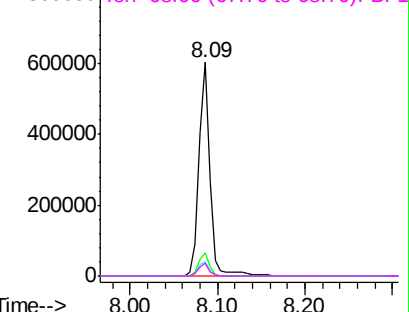
137 10.8 8.9 13.3

54 6.8 6.6 9.8

68 6.2 5.0 7.4



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

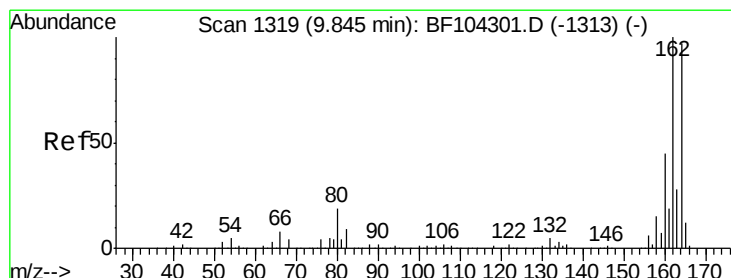
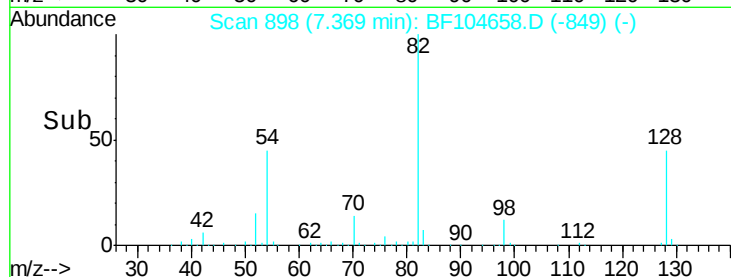
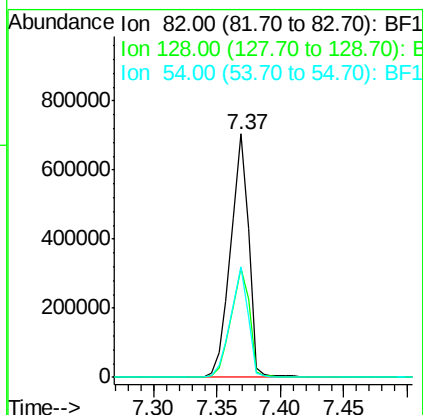
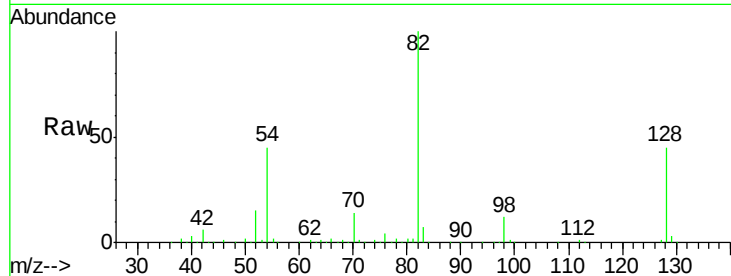




#23
 Nitrobenzene-d5
 Concen: 85.188 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104658.D
 Acq: 20 Apr 2018 4:40

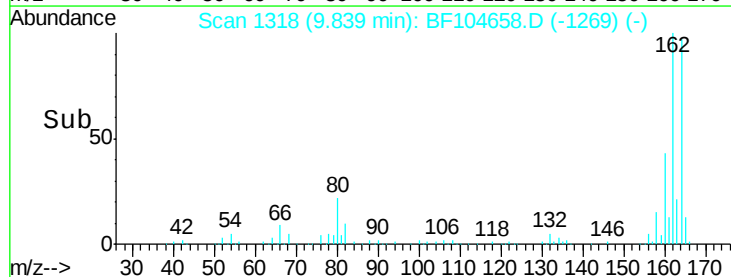
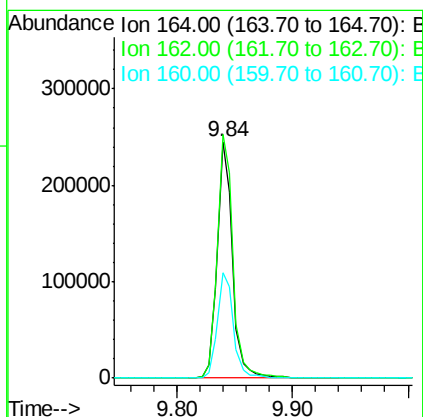
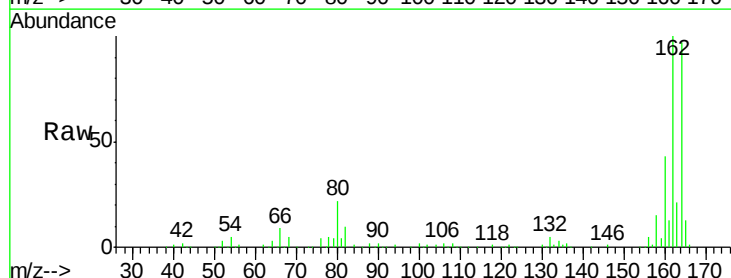
Instrument :
 BNA_F
 ClientSampleId :
 PB108328BL

Tot Ion	82	Resp	693055
Ion Ratio	100	Lower	Upper
128	44.9	36.1	54.1
54	45.2	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104658.D
 Acq: 20 Apr 2018 4:40

Tgt Ion	164	Resp	225108
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.1	86.1	129.1
160	44.4	38.3	57.5

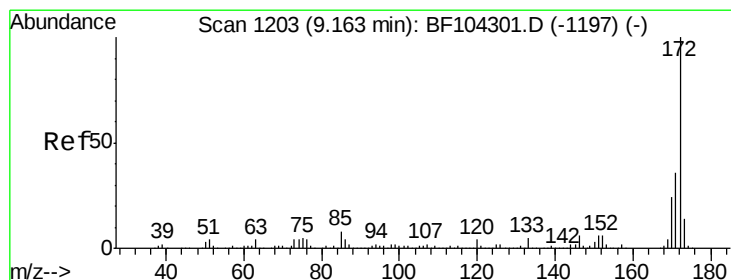
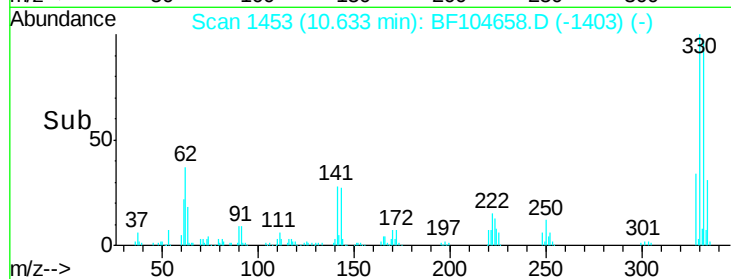
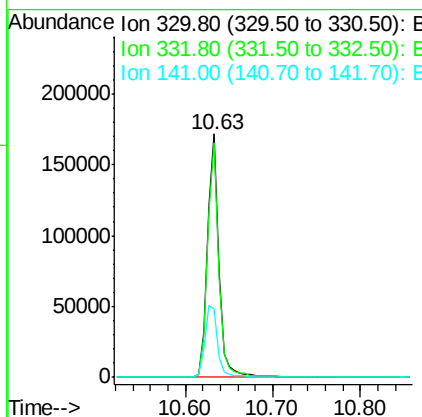
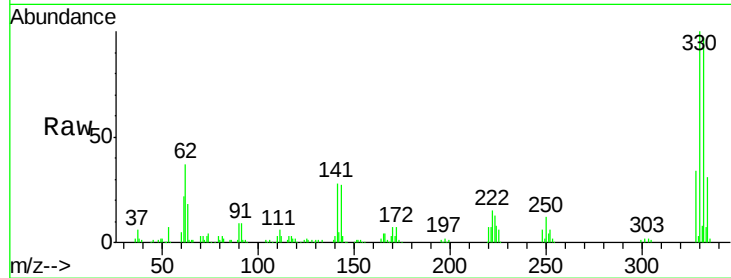




#41
 2,4,6-Tribromophenol
 Concen: 67.497 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104658.D
 Acq: 20 Apr 2018 4:40

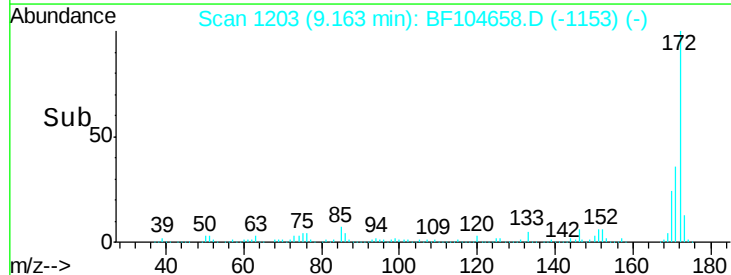
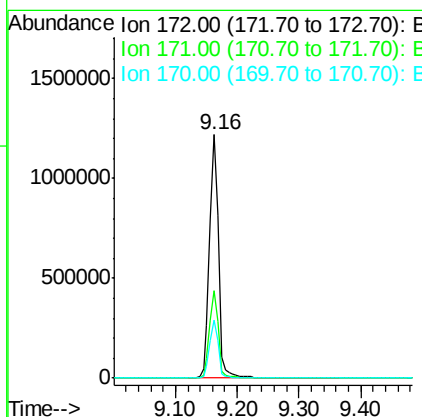
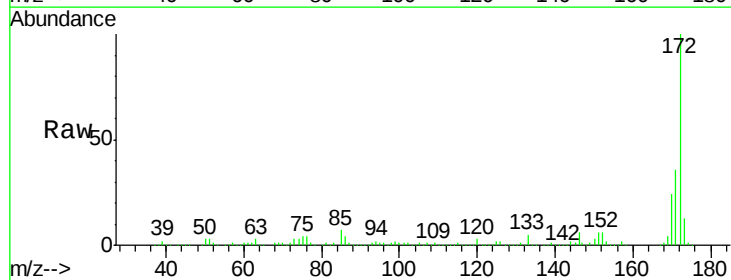
Instrument :
 BNA_F
 ClientSampleId :
 PB108328BL

Tot Ion	330	Resp	157613
Ion Ratio	100		
Lower		77.0	
Upper		115.6	
332	95.8		
141	32.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 85.012 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104658.D
 Acq: 20 Apr 2018 4:40

Tgt Ion	172	Resp	1211389
Ion Ratio	100		
Lower		29.7	
Upper		44.5	
171	36.1		
170	23.9	19.6	29.4

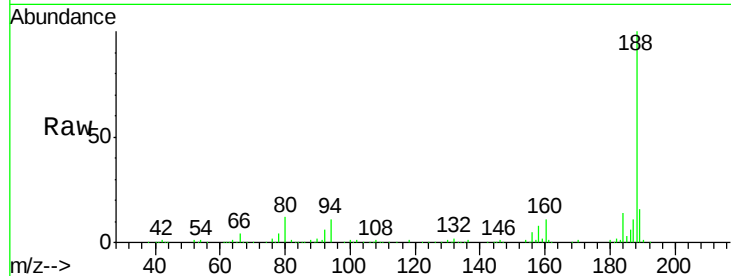




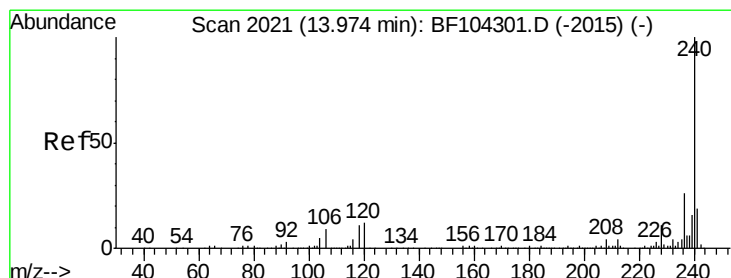
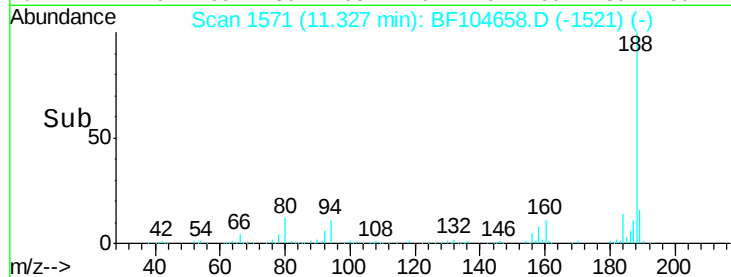
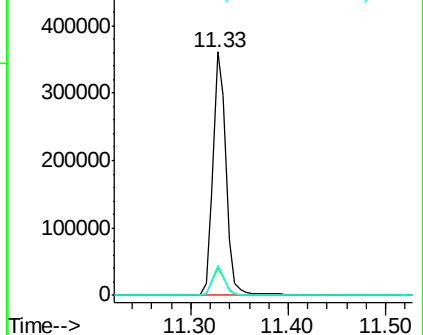
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104658.D
Acq: 20 Apr 2018 4:40

Instrument :
BNA_F
ClientSampleId :
PB108328BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.1	9.2	13.8

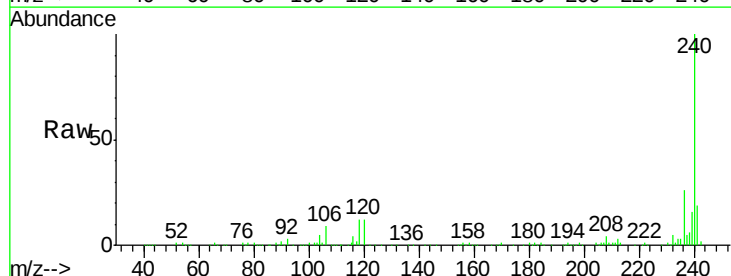


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

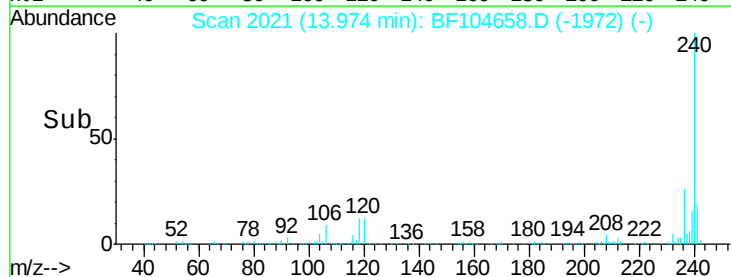
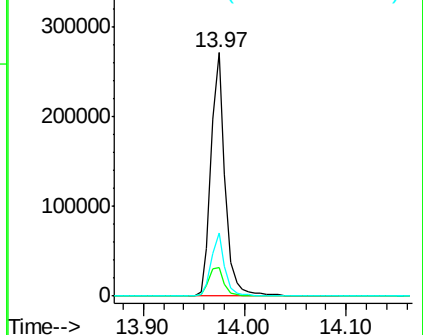


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104658.D
Acq: 20 Apr 2018 4:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.9	20.7	31.1



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

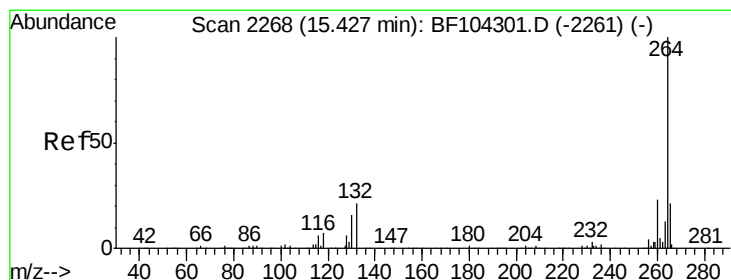
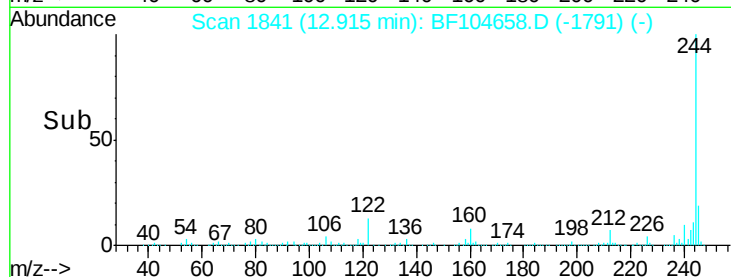
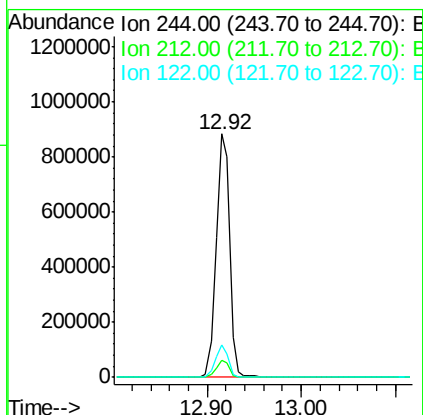
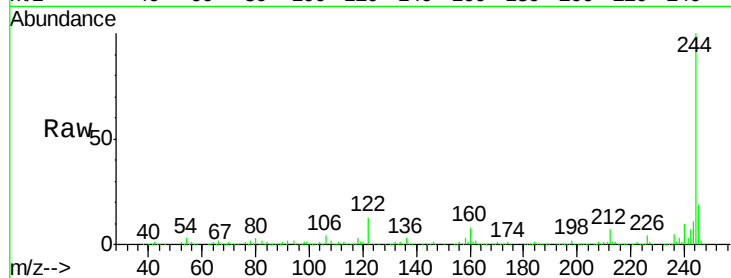




#78
 Terphenyl-d14
 Concen: 77.630 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104658.D
 Acq: 20 Apr 2018 4:40

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BL

Tot Ion:244 Resp: 893493
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF104658.D
 Acq: 20 Apr 2018 4:40

Tgt Ion:264 Resp: 198290
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 20.4 17.5 26.3

