

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099668.D
 Acq On : 19 Oct 2017 20:27
 Operator : SJ/JU
 Sample : PB103438BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103438BL

Quant Time: Oct 20 13:31:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 19 19:55:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	81755	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	336088	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	147649	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	226582	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	143889	20.00	ng	-0.01
86) Perylene-d12	15.44	264	153821	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	359573	70.01	ng	0.00
7) Phenol-d6	6.46	99	427214	67.43	ng	-0.02
23) Nitrobenzene-d5	7.39	82	360791	68.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	74597	61.74	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	720362	81.45	ng	-0.01
78) Terphenyl-d14	12.92	244	482464	76.25	ng	-0.01

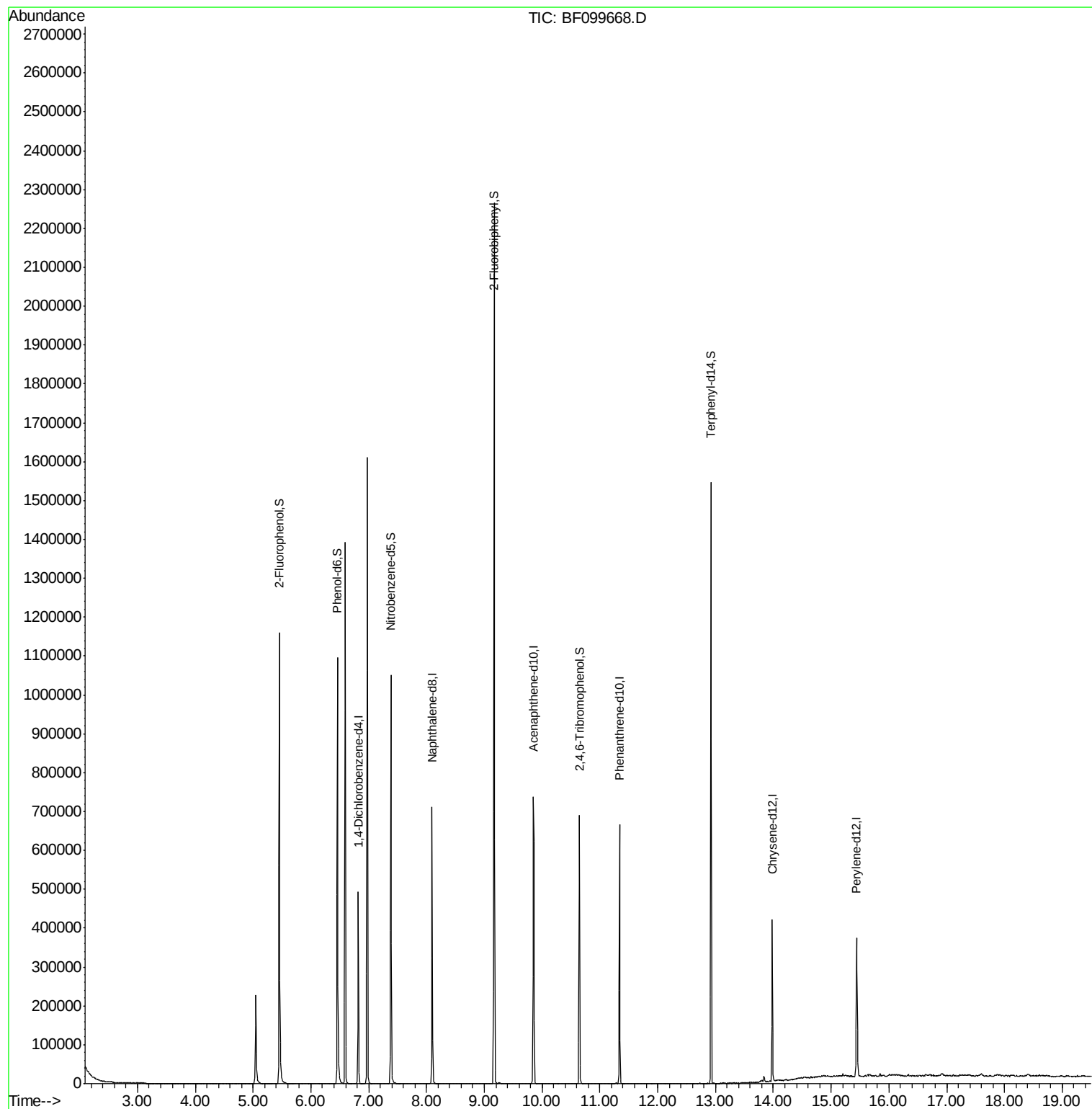
Target Compounds Qvalue

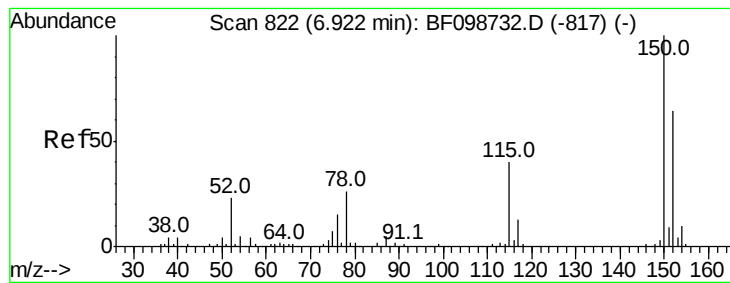
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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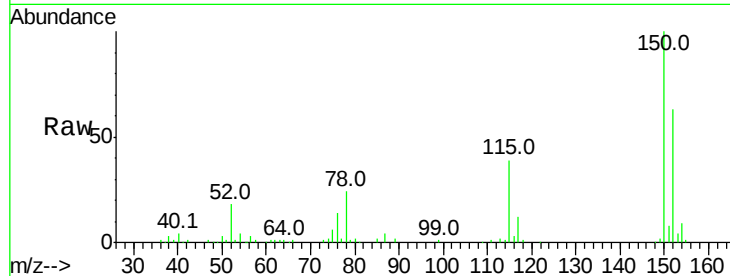


#1

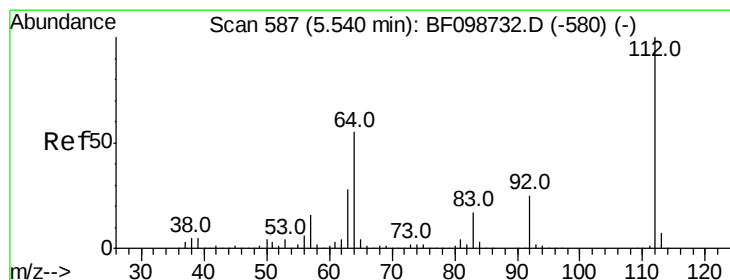
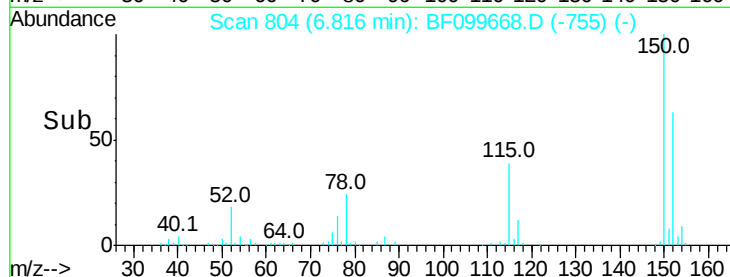
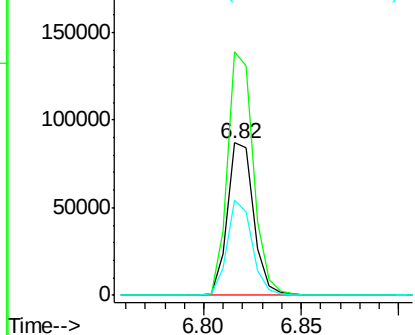
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF099668.D
 Acq: 19 Oct 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 PB103438BL

Tot Ion:152 Resp: 81755
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.6 186.8
 115 62.6 50.1 75.1



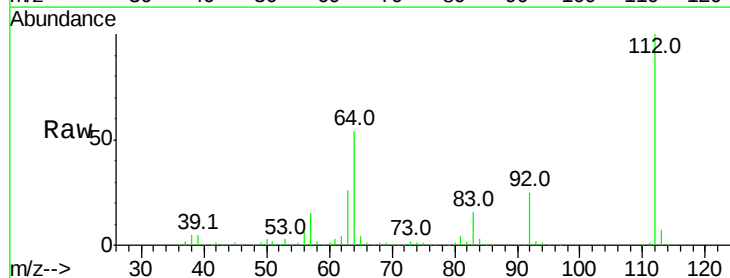
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



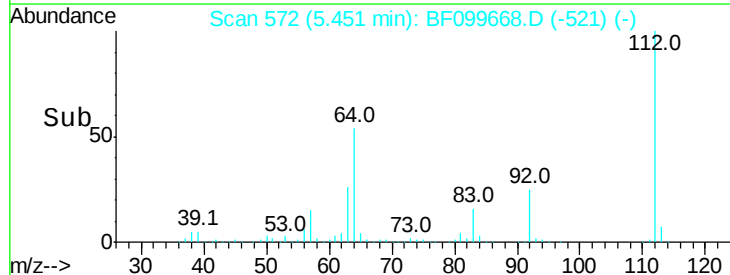
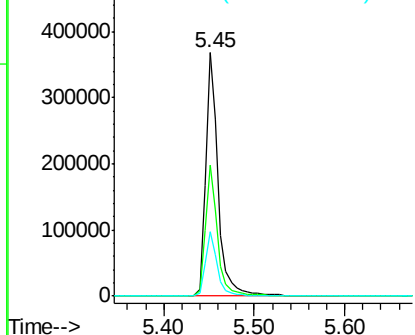
#5

2-Fluorophenol
 Concen: 70.015 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF099668.D
 Acq: 19 Oct 2017 20:27

Tgt Ion:112 Resp: 359573
 Ion Ratio Lower Upper
 112 100
 64 53.8 47.9 71.9
 63 26.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 67.432 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF099668.D

Acq: 19 Oct 2017 20:27

Instrument :

BNA_F

ClientSampleId :

PB103438BL

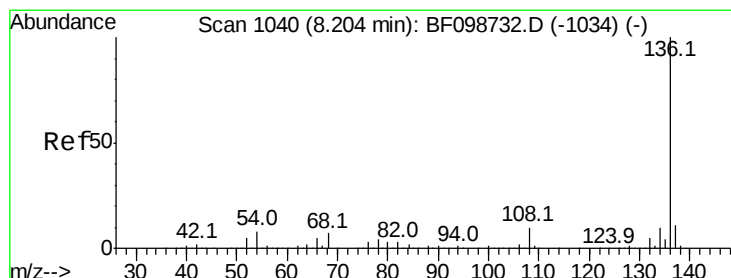
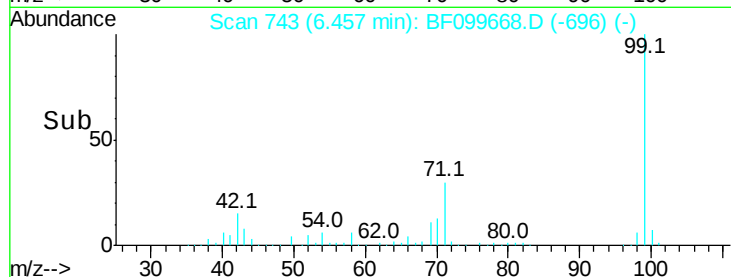
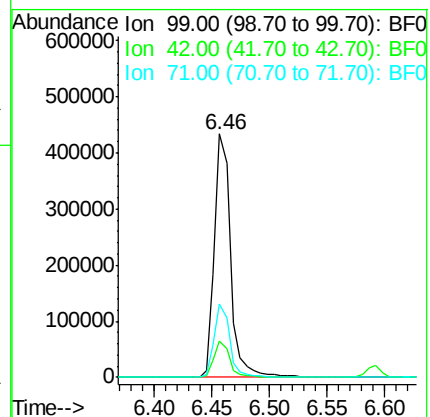
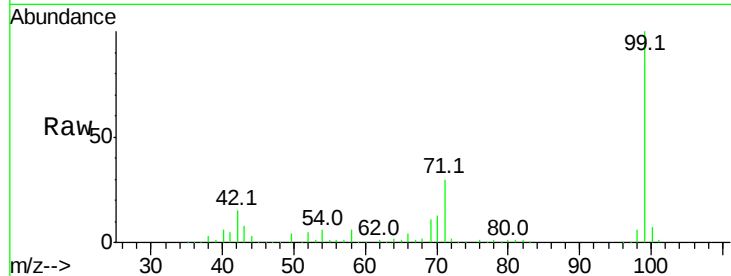
Tot Ion: 99 Resp: 427214

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

71 30.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099668.D

Acq: 19 Oct 2017 20:27

Tgt Ion: 136 Resp: 336088

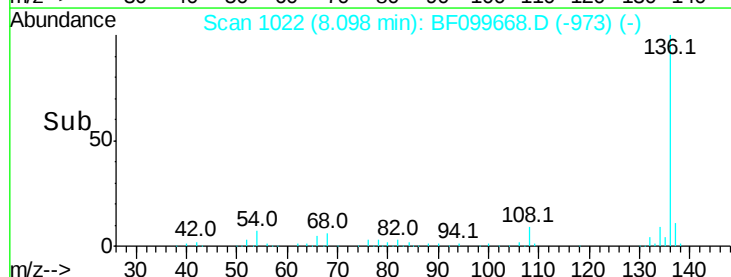
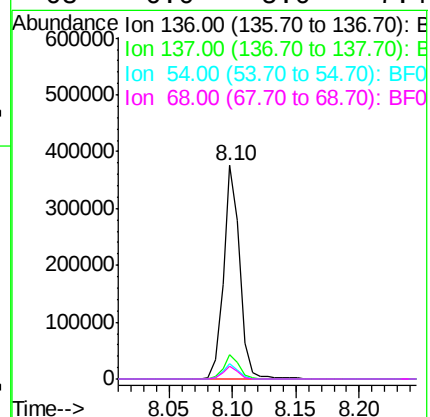
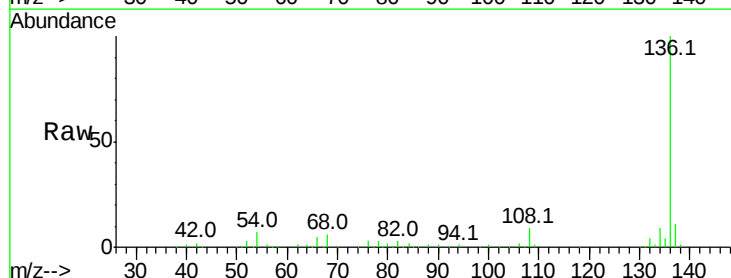
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.0 6.6 9.8

68 6.0 5.0 7.4

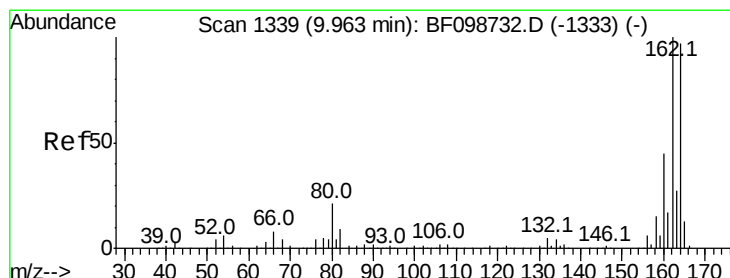
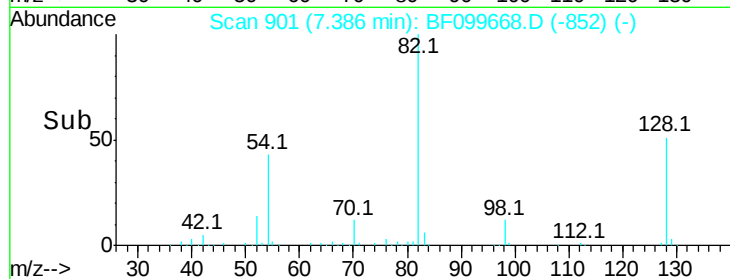
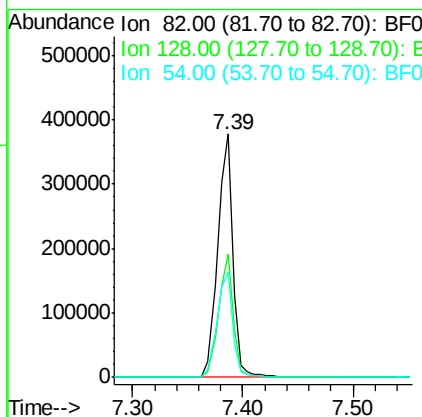
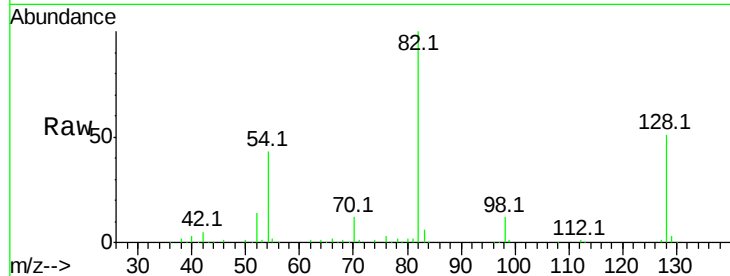




#23
 Nitrobenzene-d5
 Concen: 68.844 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099668.D
 Acq: 19 Oct 2017 20:27

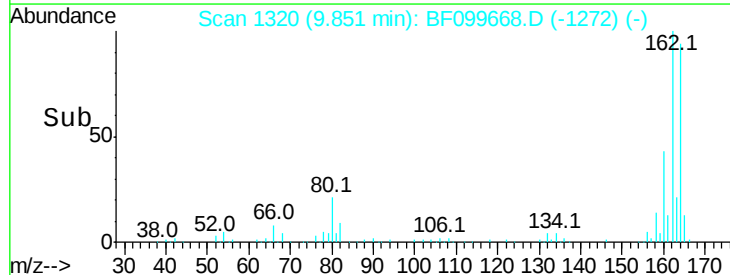
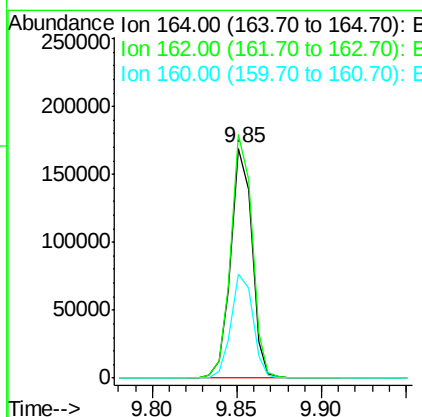
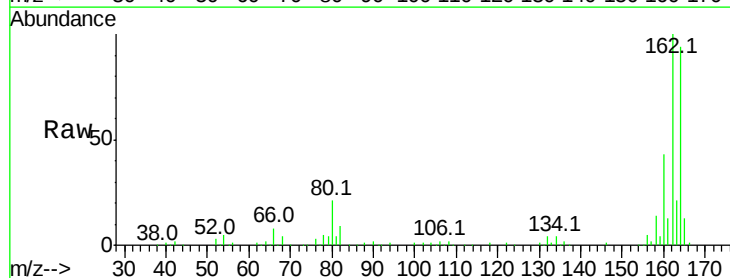
Instrument :
 BNA_F
 ClientSampleID :
 PB103438BL

Tot Ion	82	Resp	360791
Ion Ratio	Lower	Upper	
82	100		
128	50.8	36.1	54.1
54	43.5	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF099668.D
 Acq: 19 Oct 2017 20:27

Tgt Ion	164	Resp	147649
Ion Ratio	Lower	Upper	
164	100		
162	106.0	86.1	129.1
160	45.4	38.3	57.5

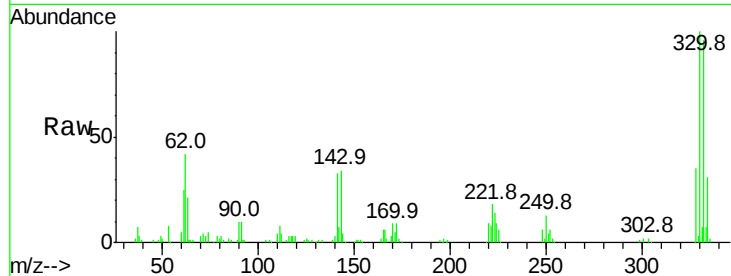




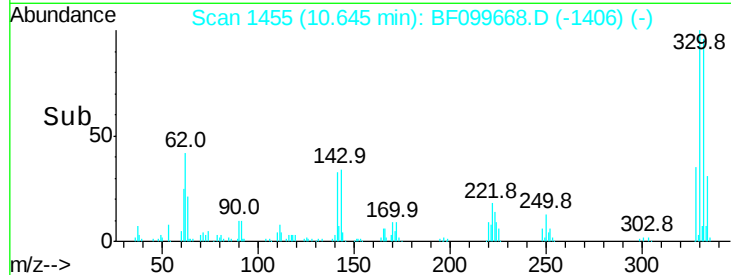
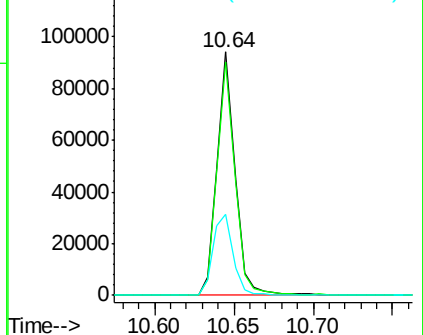
#41
 2,4,6-Tribromophenol
 Concen: 61.744 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099668.D
 Acq: 19 Oct 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 PB103438BL

Tot Ion:330 Resp: 74597
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 37.4 29.9 44.9

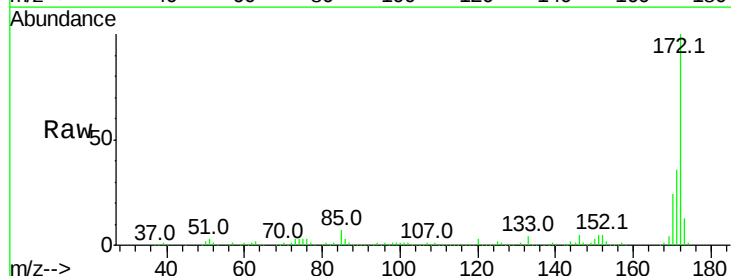


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

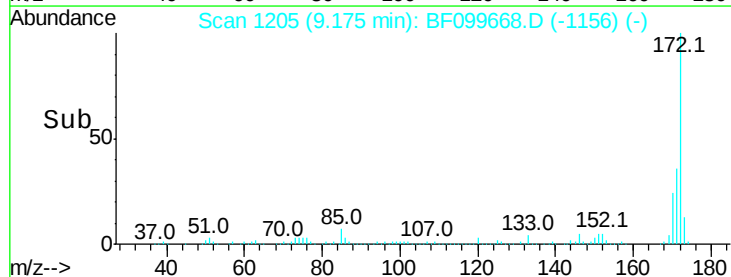
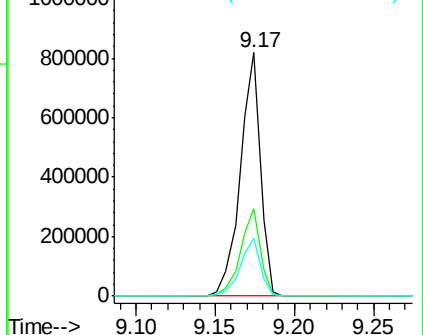


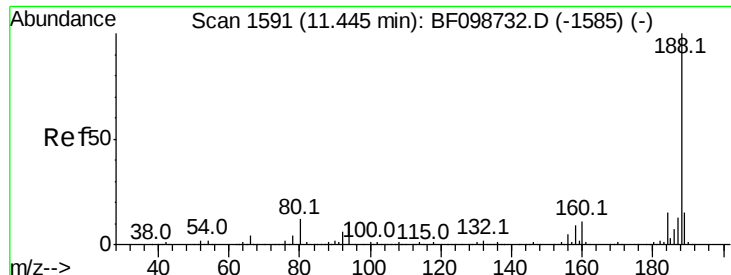
#44
 2-Fluorobiphenyl
 Concen: 81.449 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF099668.D
 Acq: 19 Oct 2017 20:27

Tgt Ion:172 Resp: 720362
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.0 19.6 29.4



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

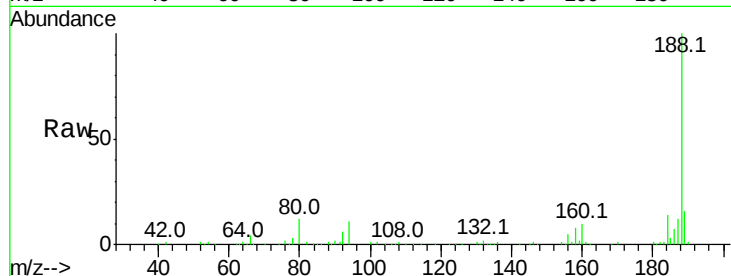




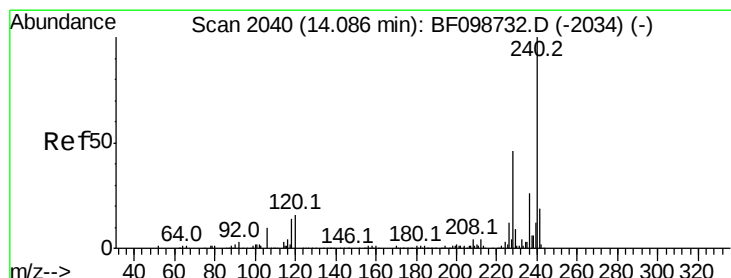
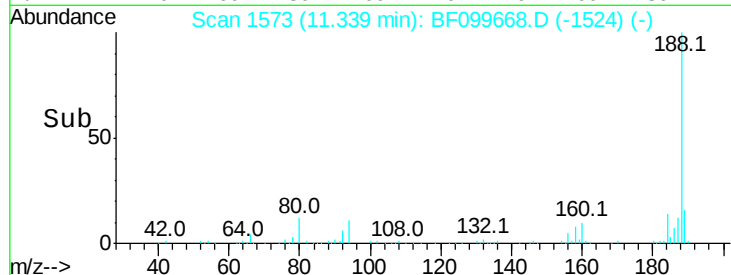
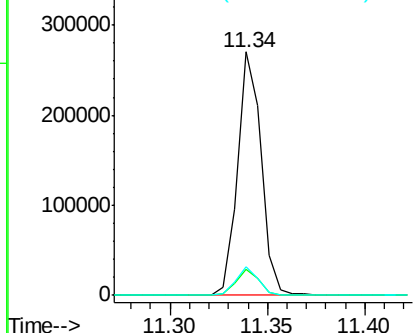
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099668.D
Acq: 19 Oct 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PB103438BL

Tot Ion:188 Resp: 226582
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.7 9.2 13.8

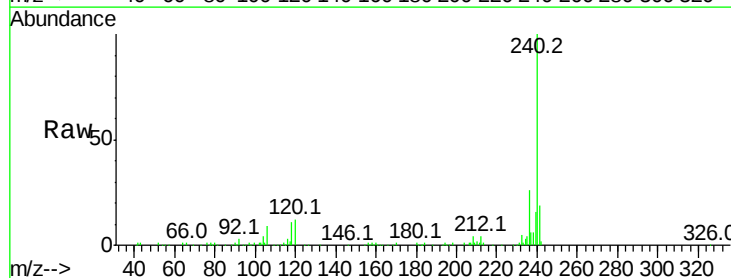


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

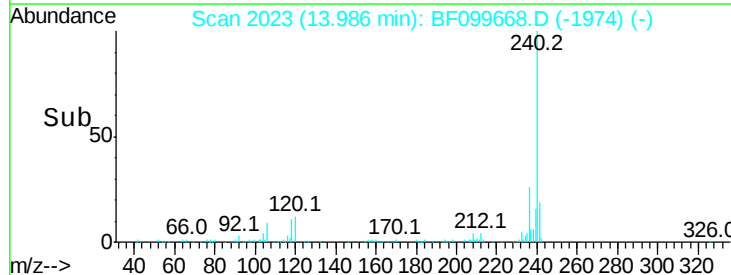
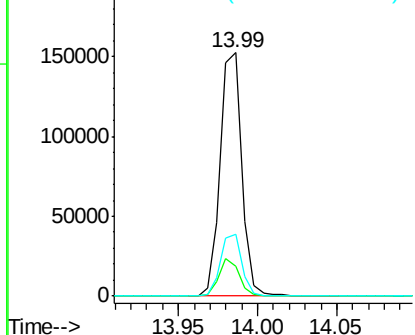


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099668.D
Acq: 19 Oct 2017 20:27

Tgt Ion:240 Resp: 143889
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.5 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: 76.255 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF099668.D

Acq: 19 Oct 2017 20:27

Instrument :

BNA_F

ClientSampleId :

PB103438BL

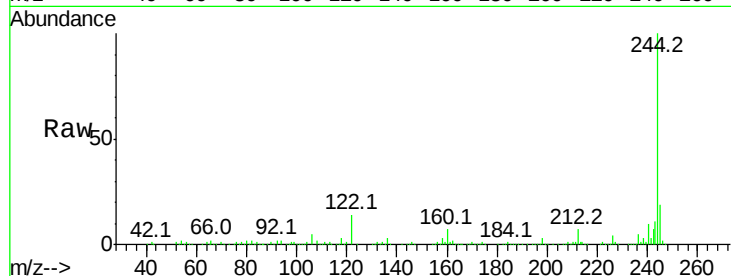
Tot Ion:244 Resp: 482464

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

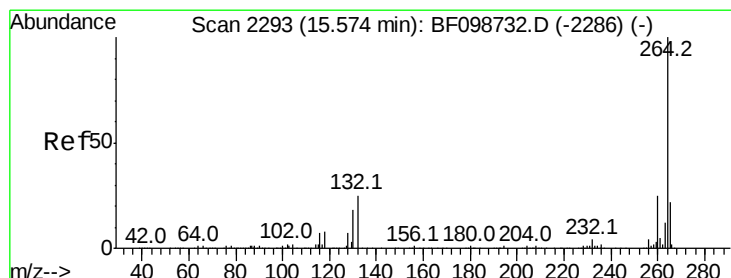
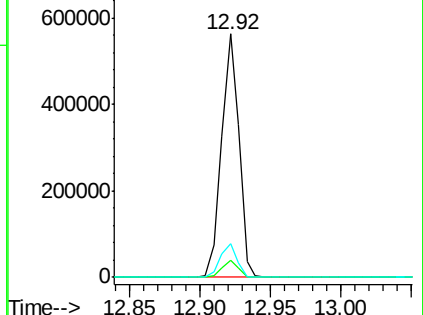
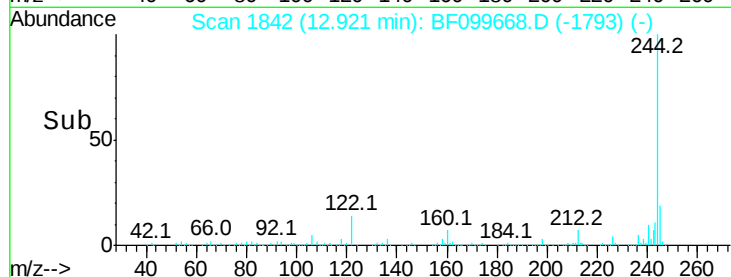
122 14.1 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF099668.D

Acq: 19 Oct 2017 20:27

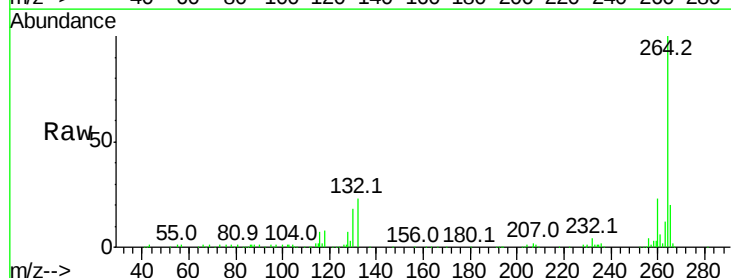
Tgt Ion:264 Resp: 153821

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.3 17.5 26.3



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

