

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101545.D
 Acq On : 20 Dec 2017 2:43
 Operator : SJ/JU
 Sample : PB105156BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105156BL

Quant Time: Dec 20 07:35:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	156583	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	638936	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	272848	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	459695	20.00	ng	0.00
75) Chrysene-d12	13.99	240	297872	20.00	ng	0.00
86) Perylene-d12	15.46	264	305781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	818275	77.84	ng	0.02
7) Phenol-d6	6.45	99	1013855	77.50	ng	0.00
23) Nitrobenzene-d5	7.37	82	917146	79.90	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	166046	63.16	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1460112	83.01	ng	0.00
78) Terphenyl-d14	12.92	244	983242	79.58	ng	0.00

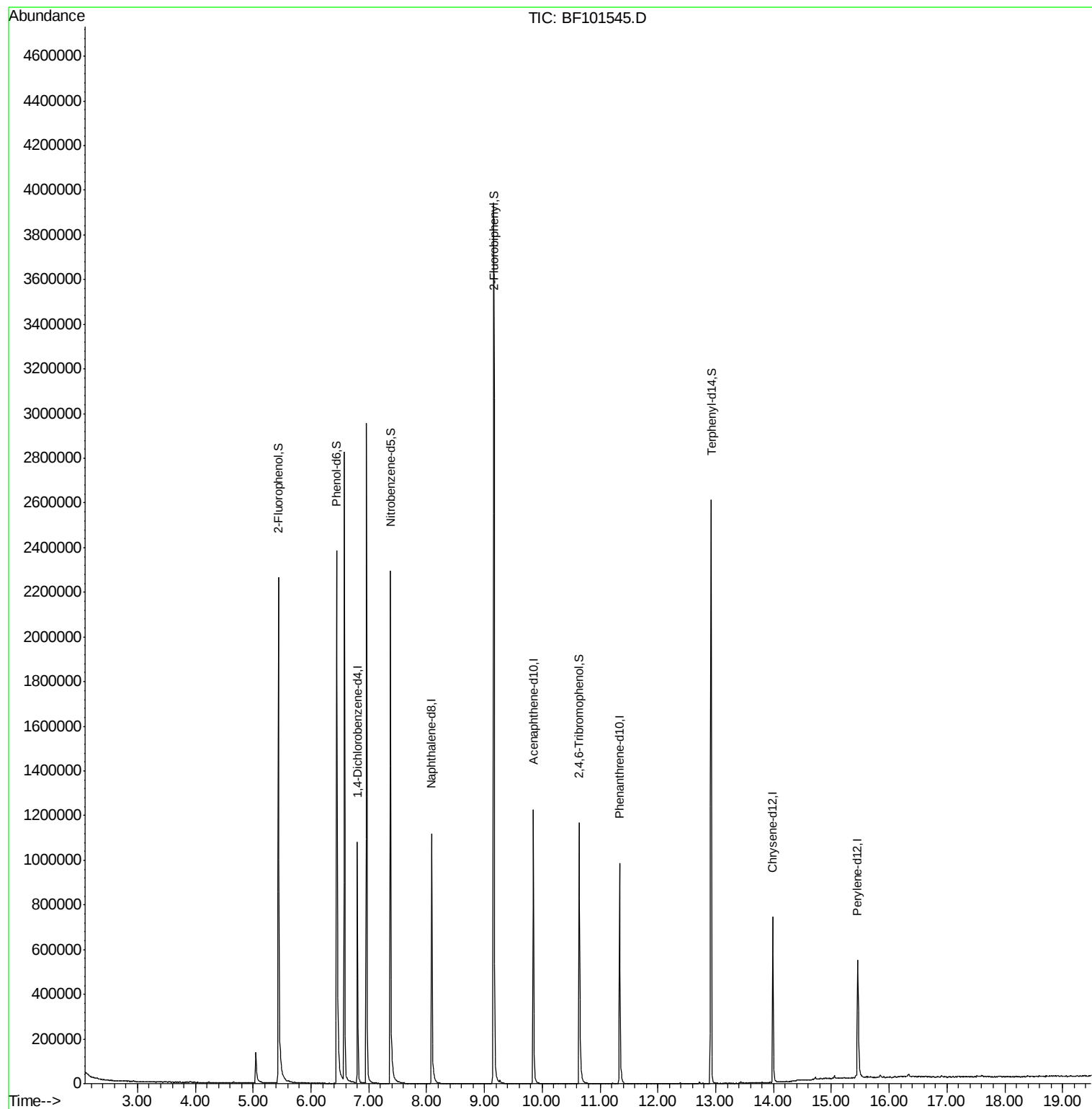
Target Compounds Qvalue

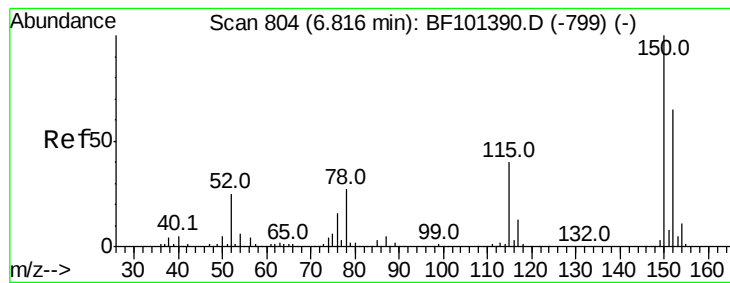
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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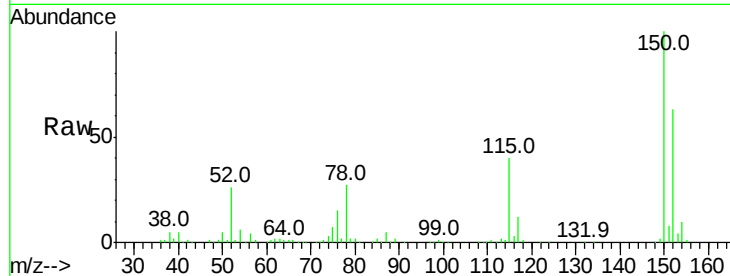


#1

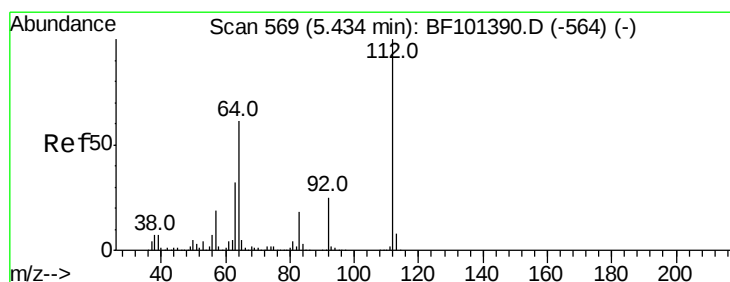
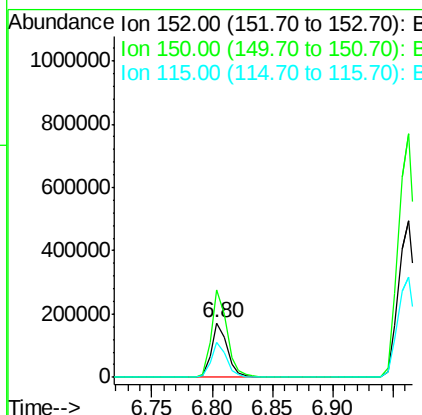
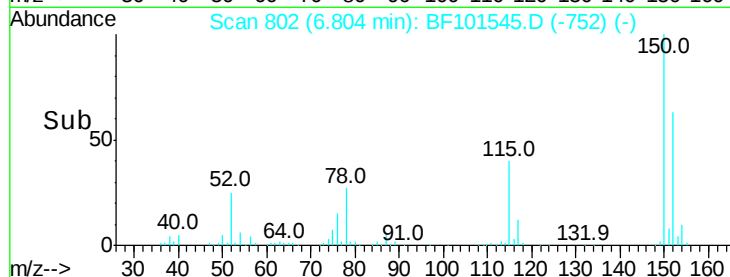
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101545.D
Acq: 20 Dec 2017 2:43

Instrument :
BNA_F
ClientSampleId :
PB105156BL

Tot Ion:152 Resp: 156583
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 63.7 50.1 75.1



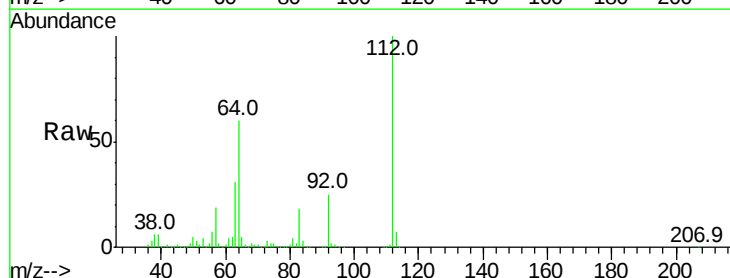
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



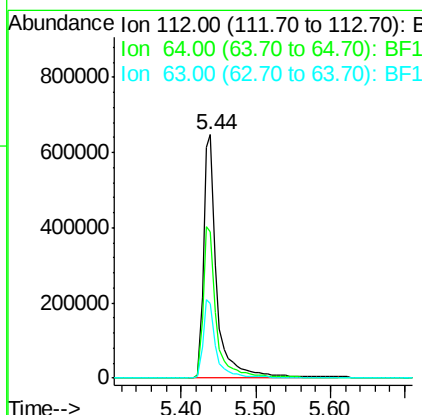
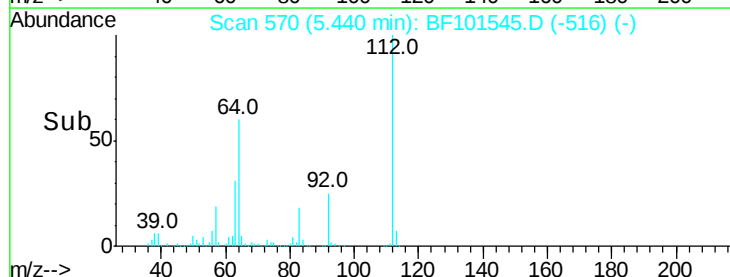
#5

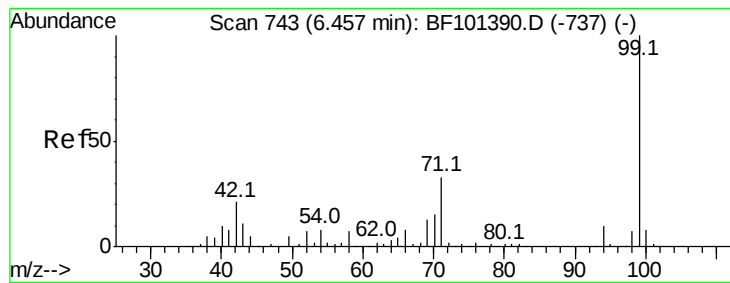
2-Fluorophenol
Concen: 77.843 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF101545.D
Acq: 20 Dec 2017 2:43

Tgt Ion:112 Resp: 818275
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 30.8 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: 77.497 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF101545.D

Acq: 20 Dec 2017 2:43

Instrument :

BNA_F

ClientSampleId :

PB105156BL

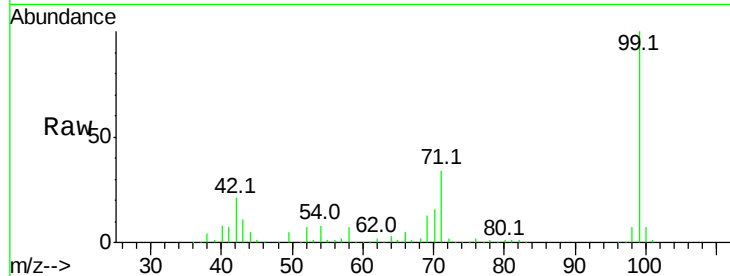
Tot Ion: 99 Resp: 1013855

Ion Ratio Lower Upper

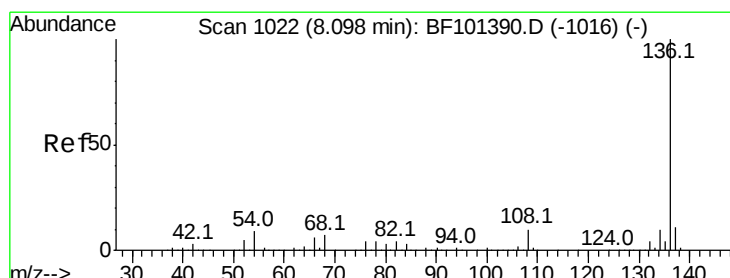
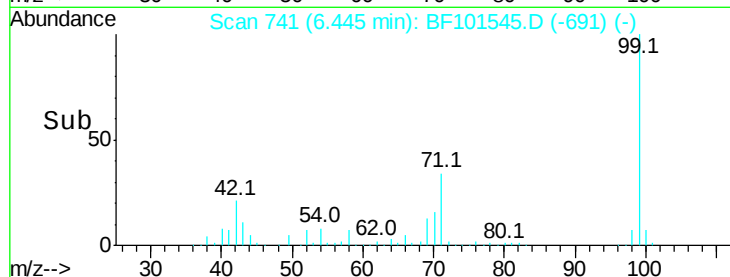
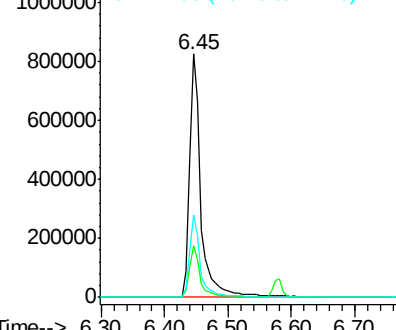
99 100

42 21.4 14.5 21.7

71 33.6 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: BF101545.D

Acq: 20 Dec 2017 2:43

Tgt Ion: 136 Resp: 638936

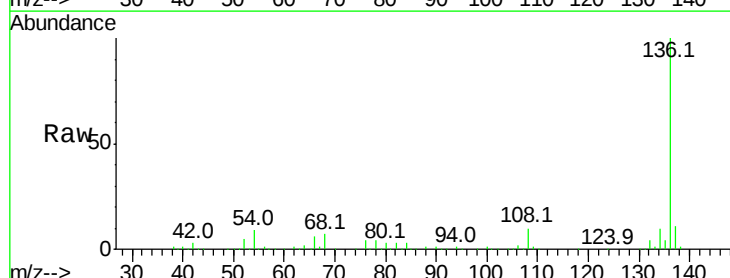
Ion Ratio Lower Upper

136 100

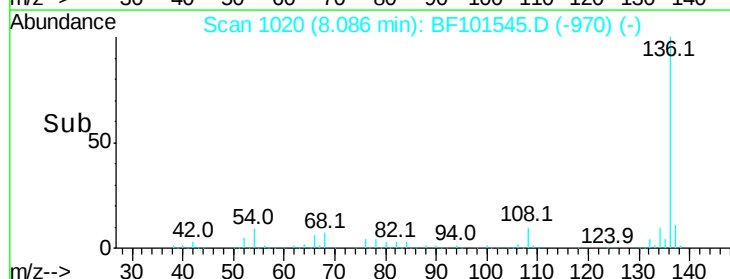
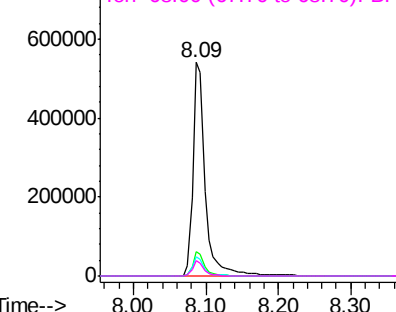
137 11.5 8.9 13.3

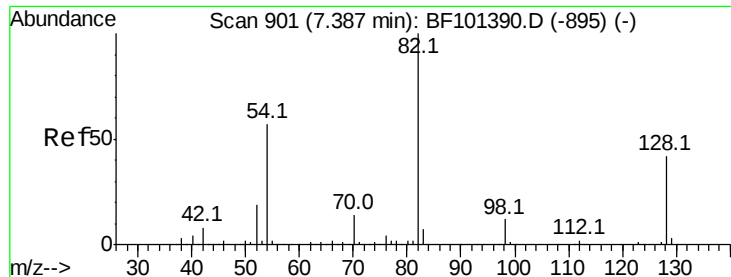
54 9.3 6.6 9.8

68 7.2 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

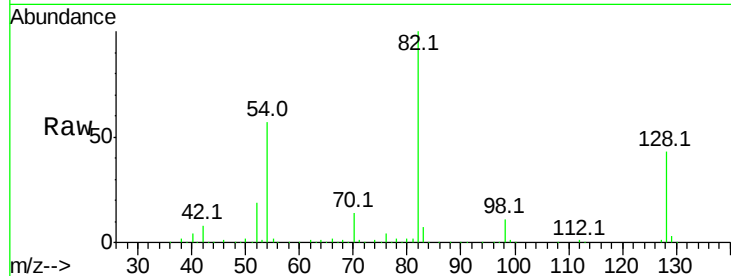




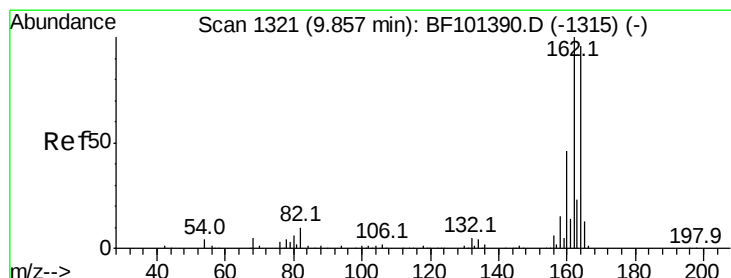
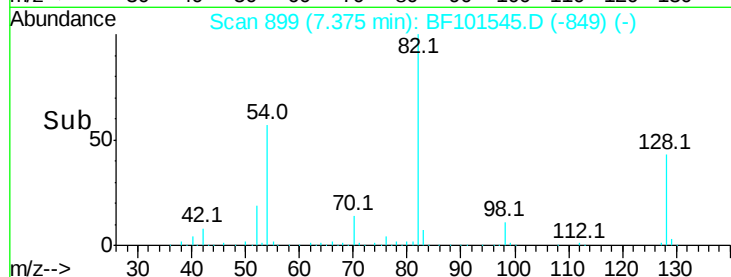
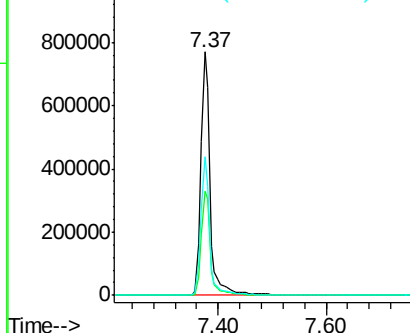
#23
 Nitrobenzene-d5
 Concen: 79.904 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF101545.D
 Acq: 20 Dec 2017 2:43

Instrument :
 BNA_F
 ClientSampleId :
 PB105156BL

Tot Ion: 82 Resp: 917146
 Ion Ratio Lower Upper
 82 100
 128 42.5 36.1 54.1
 54 57.0 41.4 62.2

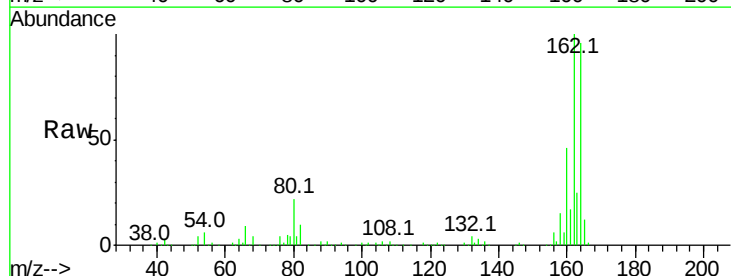


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

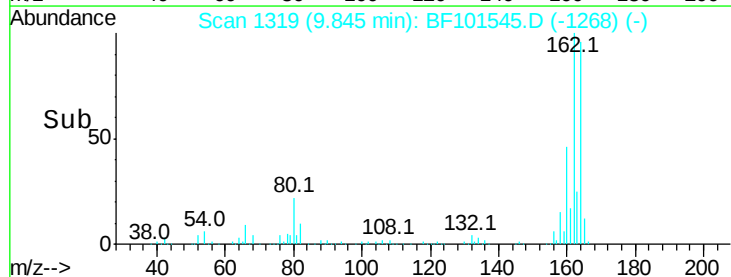
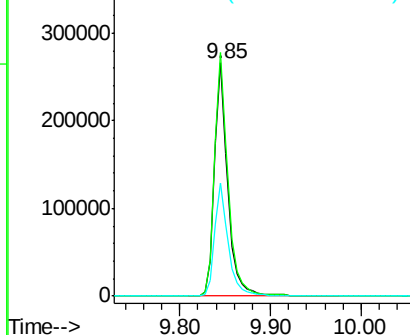


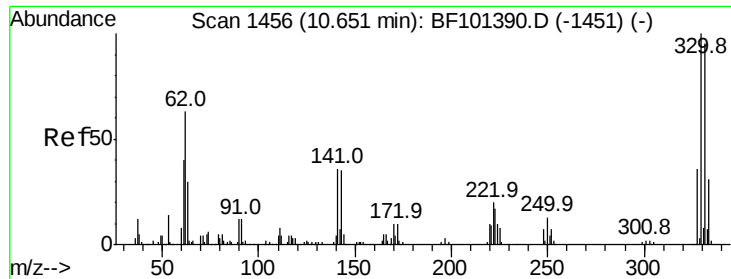
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF101545.D
 Acq: 20 Dec 2017 2:43

Tgt Ion:164 Resp: 272848
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 48.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

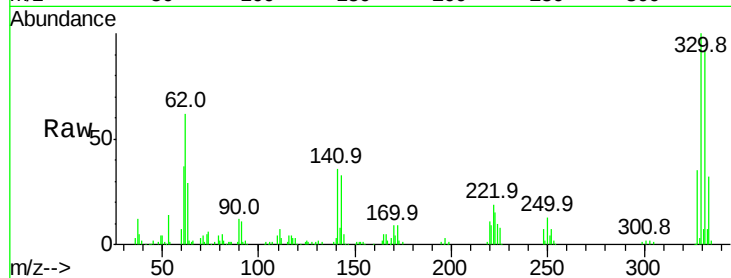




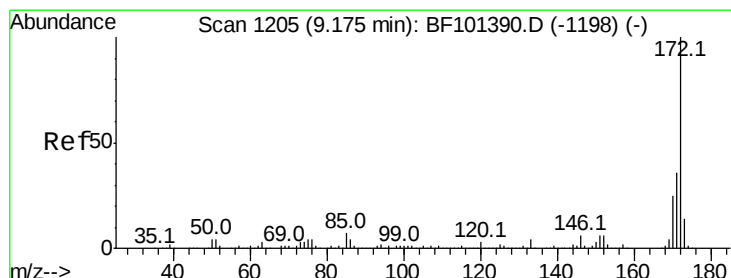
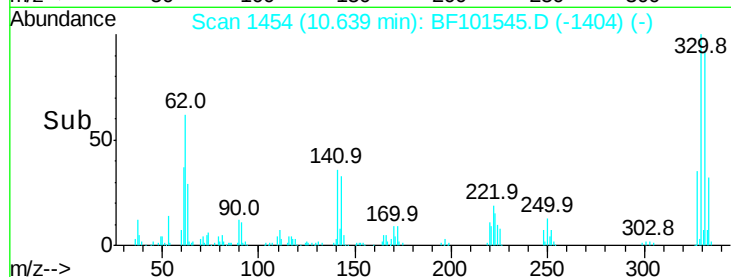
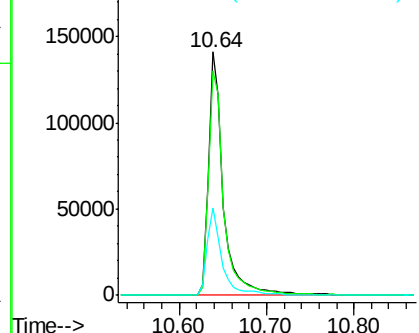
#41
 2,4,6-Tribromophenol
 Concen: 63.157 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF101545.D
 Acq: 20 Dec 2017 2:43

Instrument :
 BNA_F
 ClientSampleId :
 PB105156BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	36.3	29.9	44.9

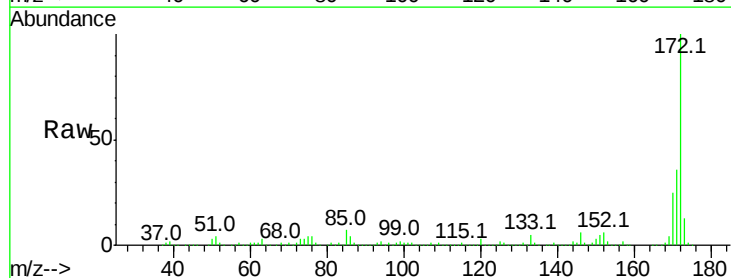


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

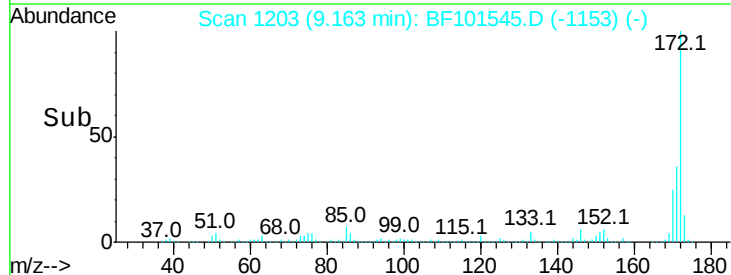
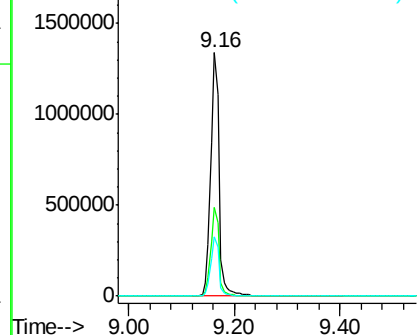


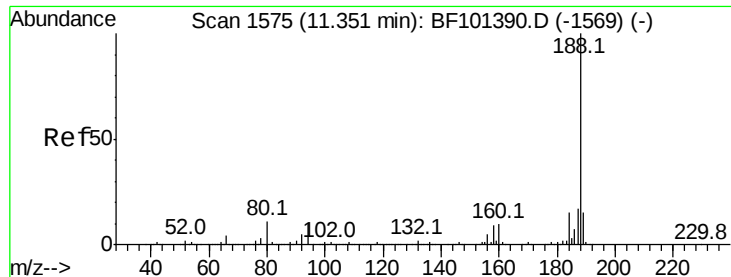
#44
 2-Fluorobiphenyl
 Concen: 83.013 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101545.D
 Acq: 20 Dec 2017 2:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	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

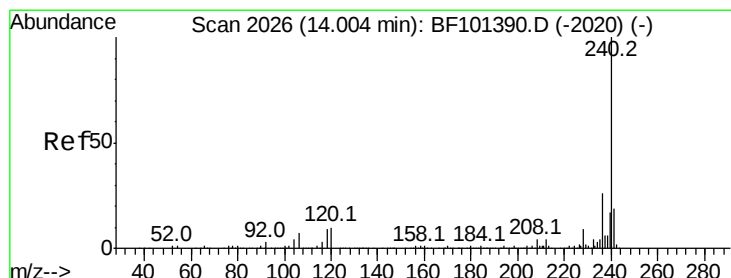
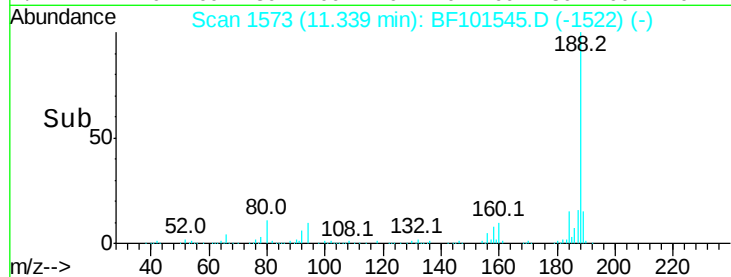
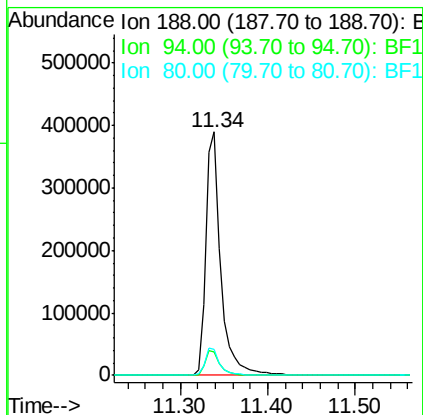
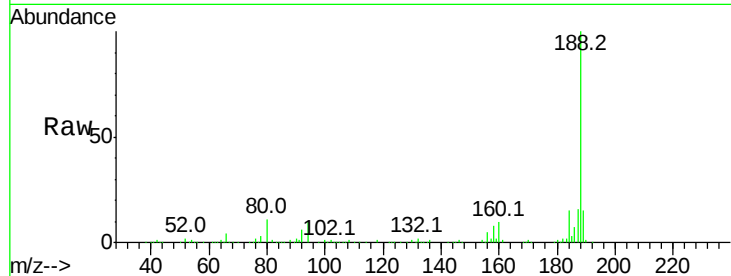




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF101545.D
 Acq: 20 Dec 2017 2:43

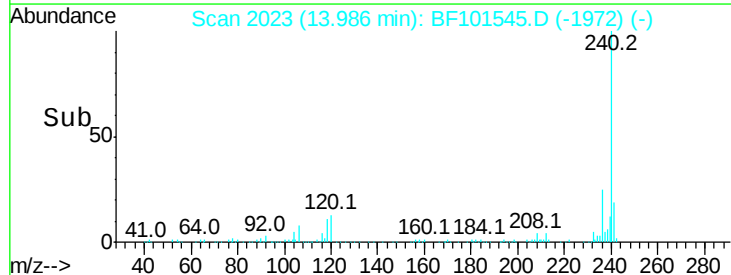
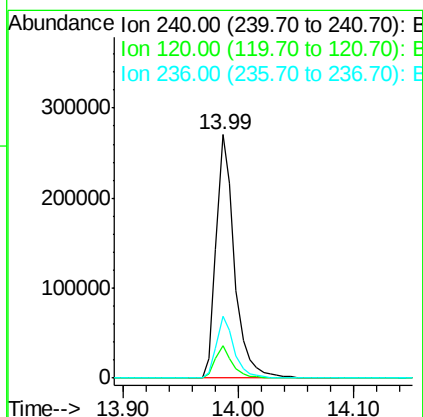
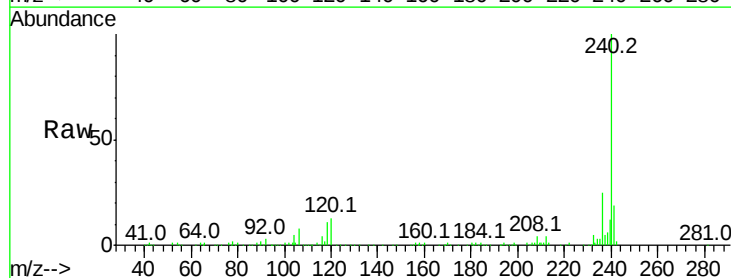
Instrument :
 BNA_F
 ClientSampleId :
 PB105156BL

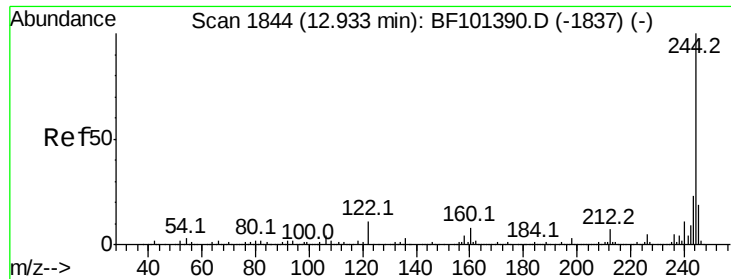
Tot Ion:188 Resp: 459695
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 10.8 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF101545.D
 Acq: 20 Dec 2017 2:43

Tgt Ion:240 Resp: 297872
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 25.2 20.7 31.1





#78

Terphenyl-d14

Concen: 79.577 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101545.D

Acq: 20 Dec 2017 2:43

Instrument :

BNA_F

ClientSampleId :

PB105156BL

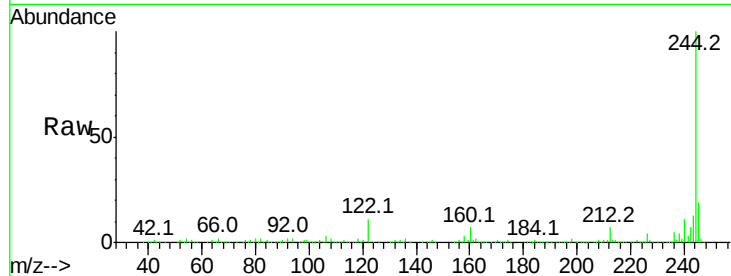
Tot Ion:244 Resp: 983242

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

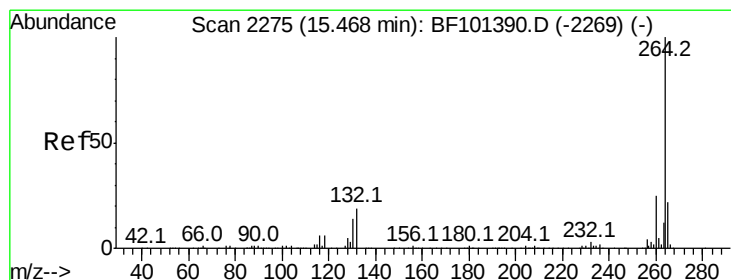
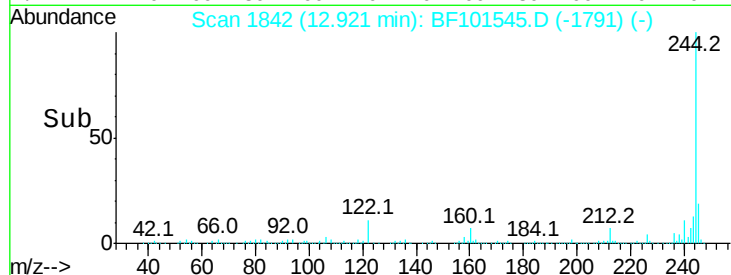
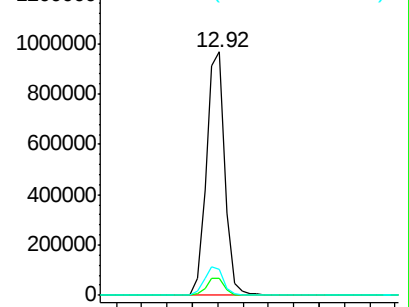
122 10.7 11.0 16.4#



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: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF101545.D

Acq: 20 Dec 2017 2:43

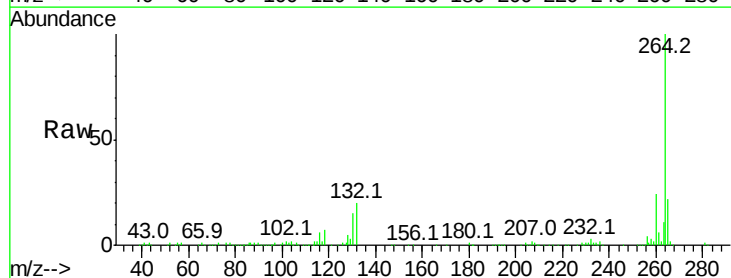
Tgt Ion:264 Resp: 305781

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.9 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

