

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098162.D
 Acq On : 30 Aug 2017 18:16
 Operator : SJ/JU
 Sample : PB101906BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101906BL

Quant Time: Aug 31 07:20:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	111784	20.00	ng	-0.03
21) Naphthalene-d8	8.00	136	453367	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	208544	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	418858	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	355710	20.00	ng	-0.03
86) Perylene-d12	15.28	264	250335	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	778210	105.89	ng	-0.01
7) Phenol-d6	6.36	99	1049988	105.15	ng	-0.03
23) Nitrobenzene-d5	7.29	82	639951	76.68	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	201393	111.30	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1013332	71.39	ng	-0.03
78) Terphenyl-d14	12.83	244	936581	54.91	ng	-0.02

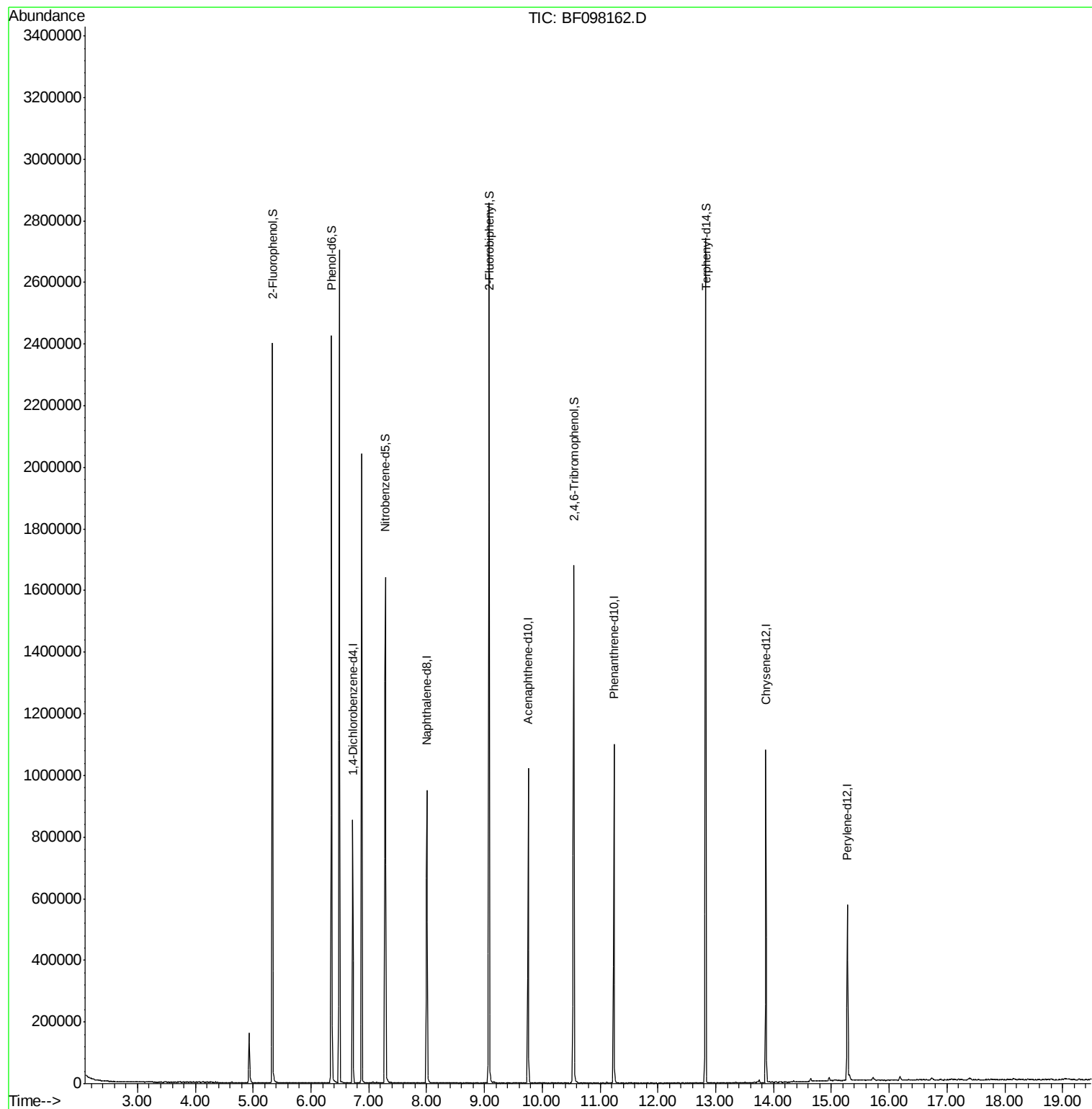
Target Compounds Qvalue

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

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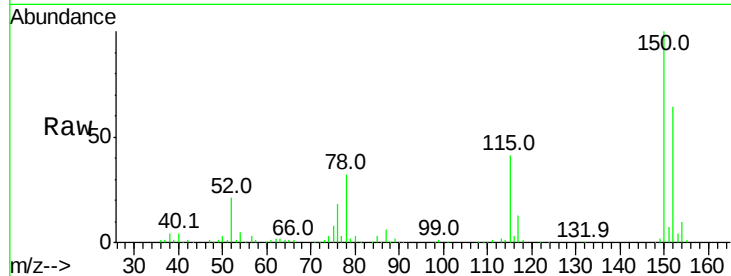


#1

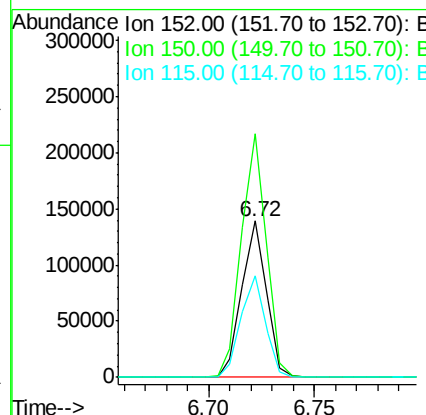
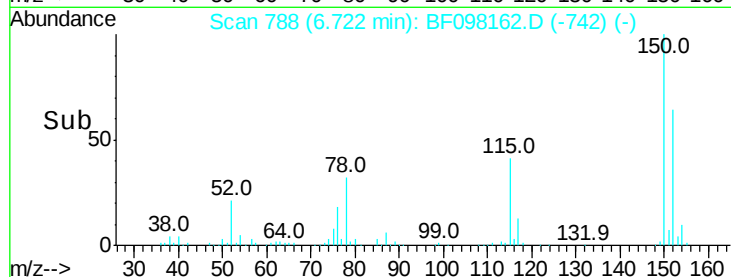
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.03 min
Lab File: BF098162.D
Acq: 30 Aug 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB101906BL

Tot Ion:152 Resp: 111784
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 64.7 52.2 78.2



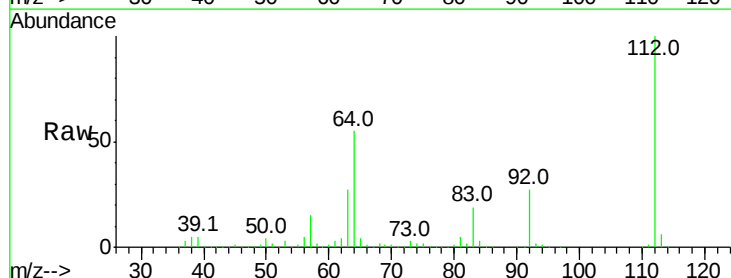
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



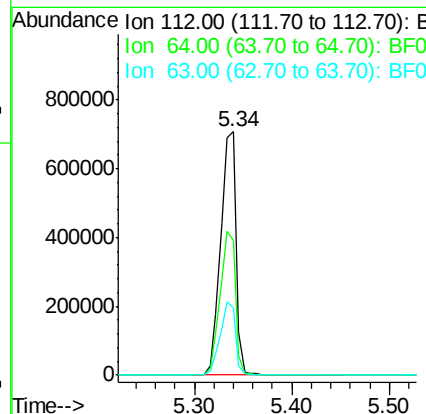
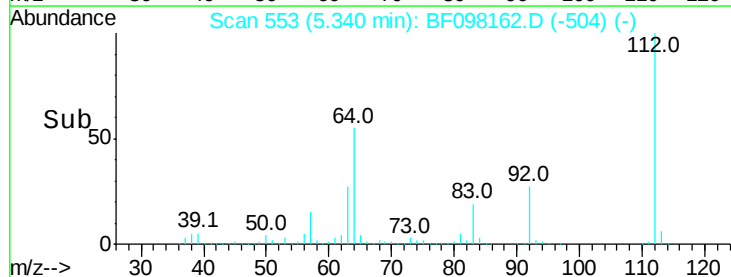
#5

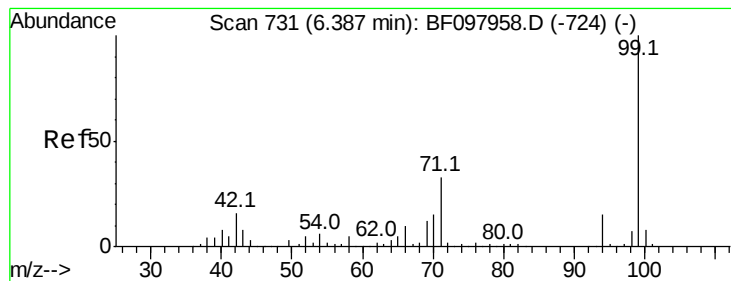
2-Fluorophenol
Concen: 105.893 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF098162.D
Acq: 30 Aug 2017 18:16

Tgt Ion:112 Resp: 778210
Ion Ratio Lower Upper
112 100
64 55.4 46.0 69.0
63 27.4 23.4 35.0



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: 105.154 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098162.D

Acq: 30 Aug 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB101906BL

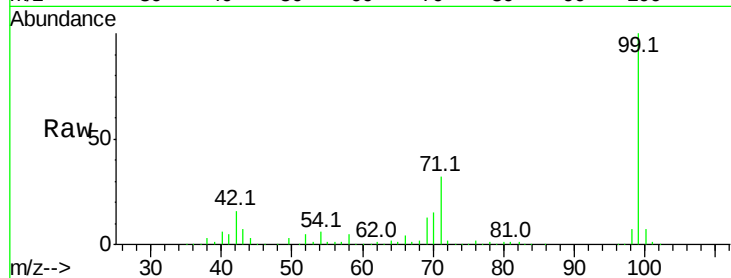
Tot Ion: 99 Resp: 1049988

Ion Ratio Lower Upper

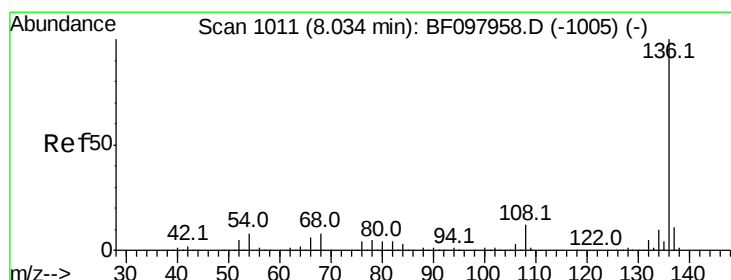
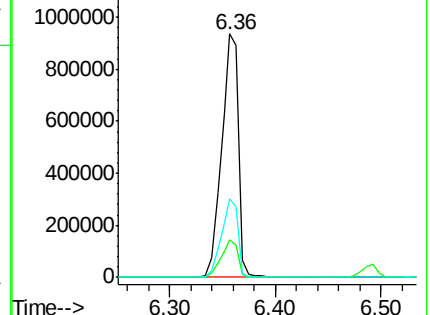
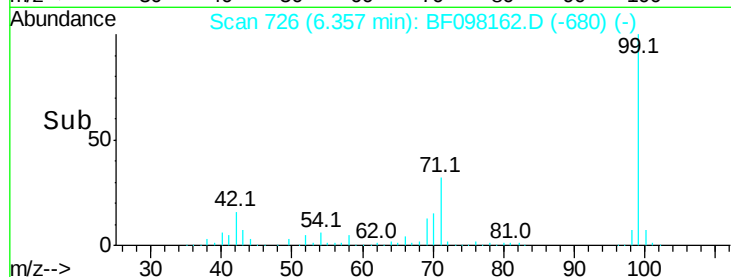
99 100

42 15.6 13.5 20.3

71 32.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF098162.D

Acq: 30 Aug 2017 18:16

Tgt Ion:136 Resp: 453367

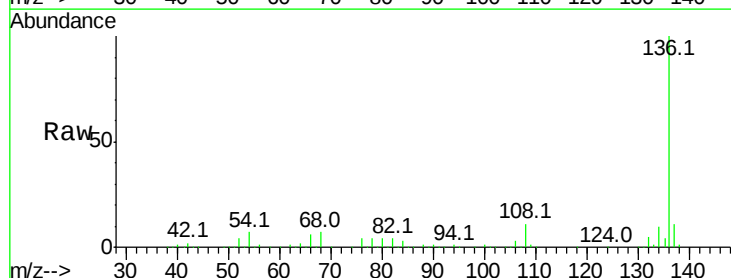
Ion Ratio Lower Upper

136 100

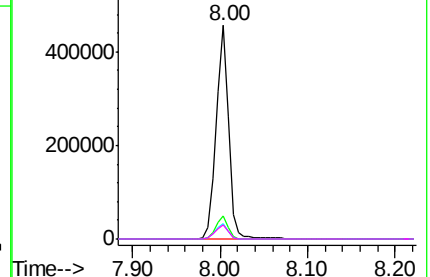
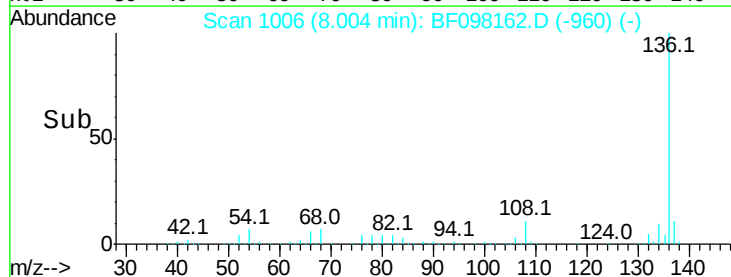
137 10.9 8.5 12.7

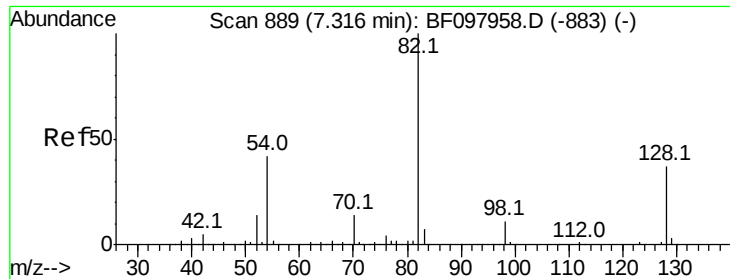
54 7.3 4.9 7.3

68 6.9 4.1 6.1#



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

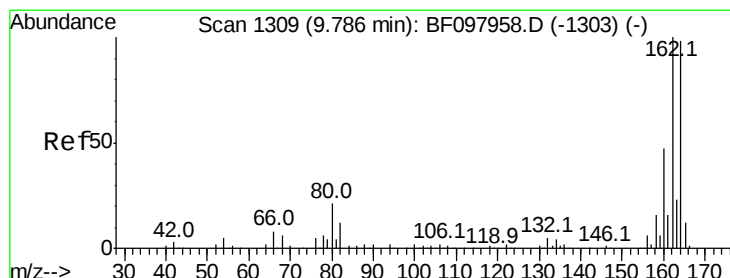
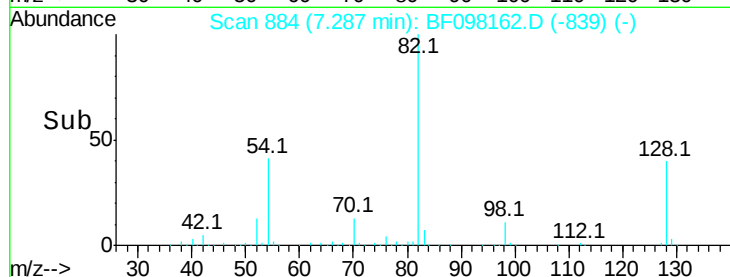
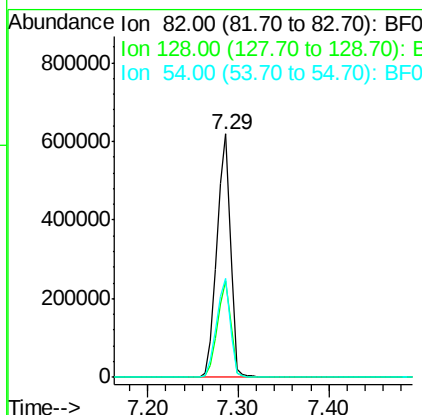
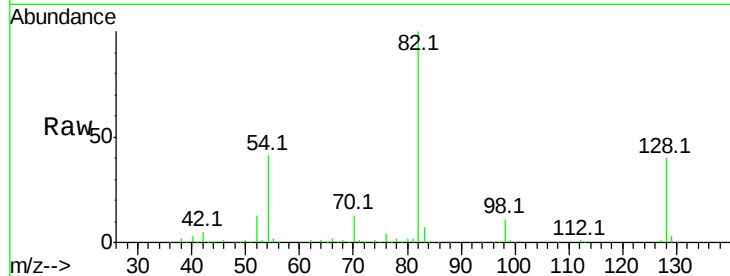




#23
 Nitrobenzene-d5
 Concen: 76.682 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098162.D
 Acq: 30 Aug 2017 18:16

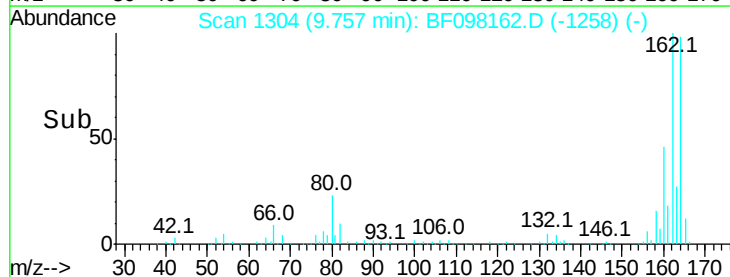
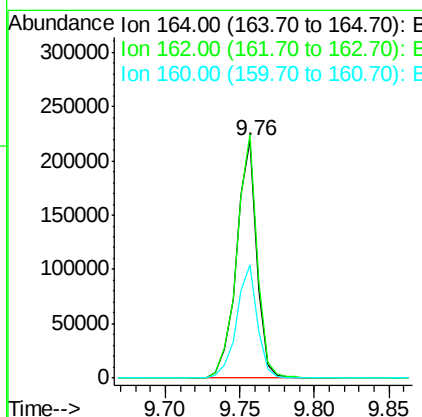
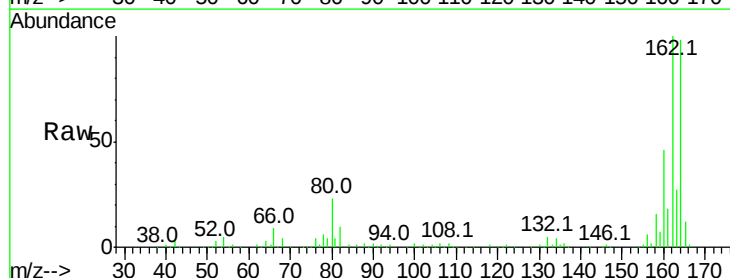
Instrument :
 BNA_F
 ClientSampleId :
 PB101906BL

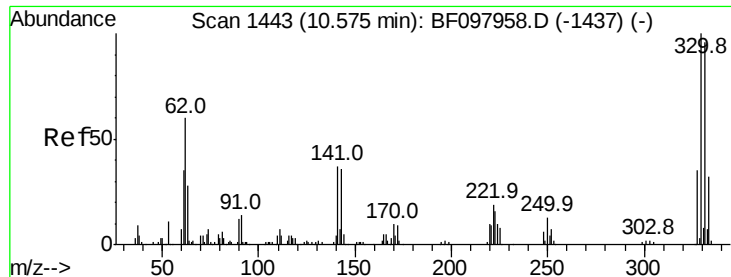
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.0	51.0
54	40.5	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF098162.D
 Acq: 30 Aug 2017 18:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	47.5	36.2	54.2

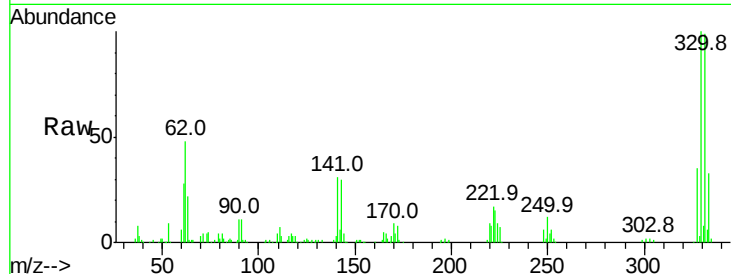




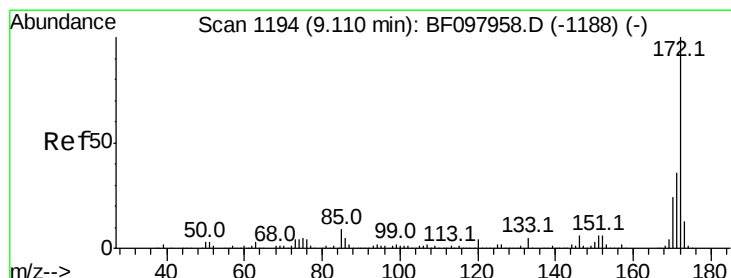
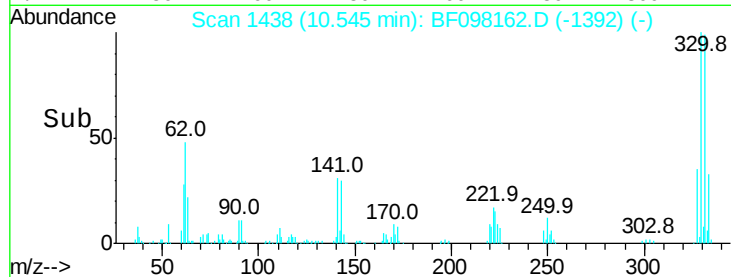
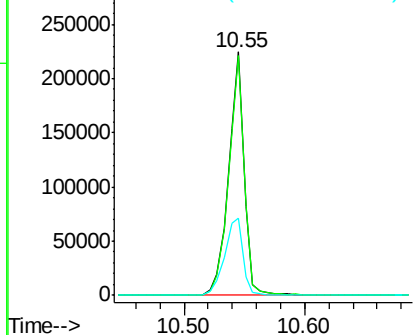
#41
 2,4,6-Tribromophenol
 Concen: 111.300 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098162.D
 Acq: 30 Aug 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101906BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.6	115.0
141	37.7	31.4	47.2

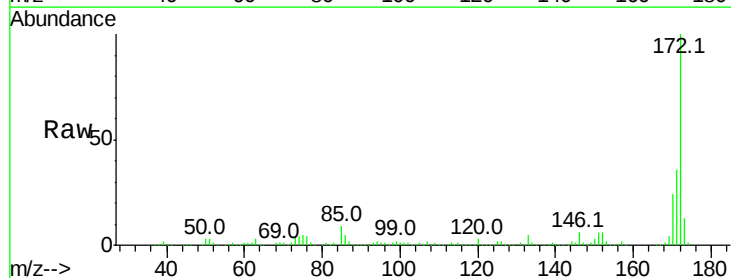


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

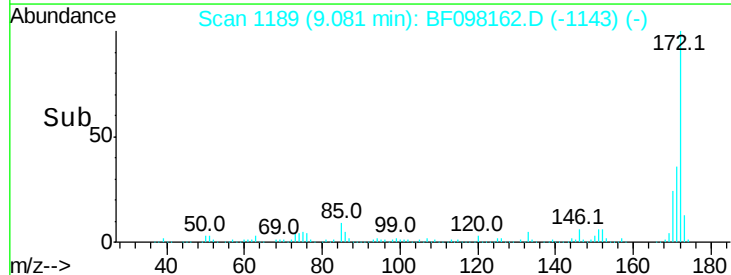
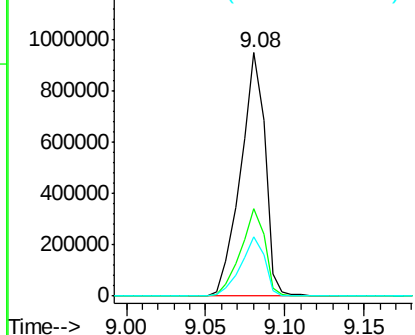


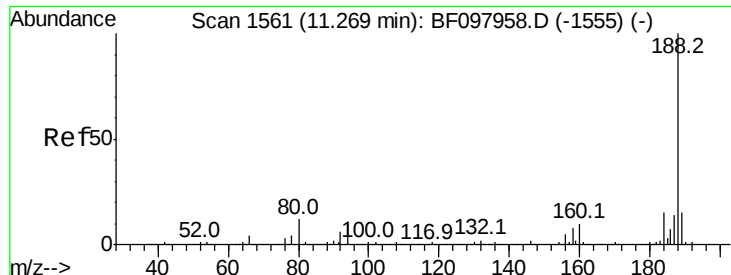
#44
 2-Fluorobiphenyl
 Concen: 71.390 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098162.D
 Acq: 30 Aug 2017 18:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.3	19.8	29.8



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

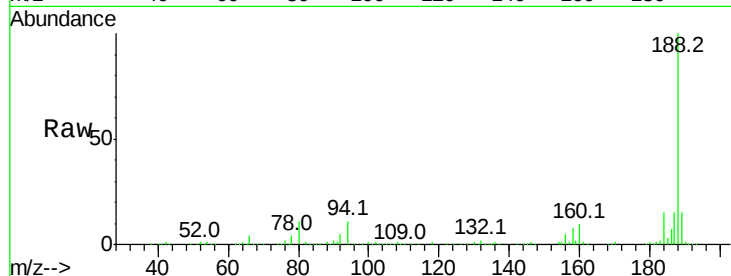




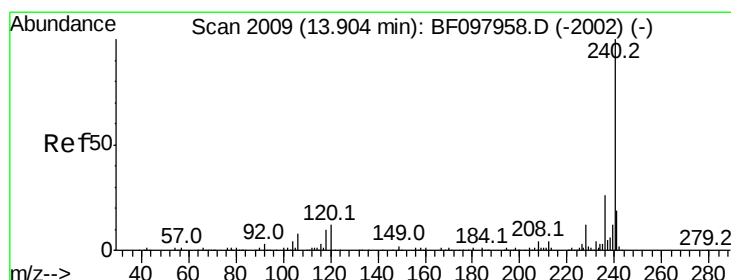
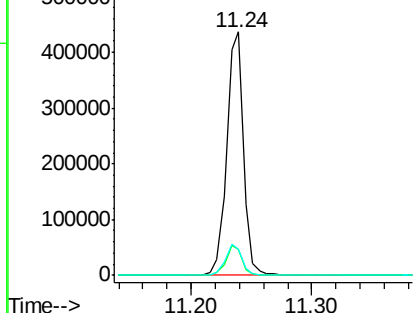
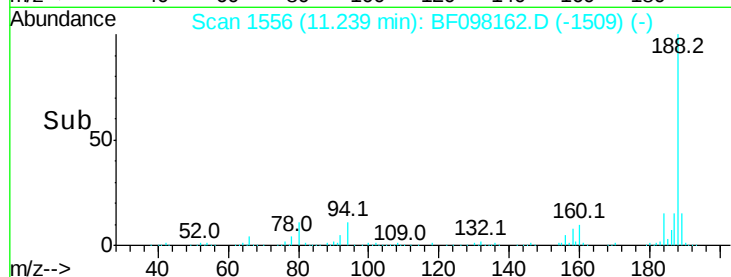
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF098162.D
Acq: 30 Aug 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB101906BL

Tot Ion:188 Resp: 418858
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 10.7 10.2 15.2

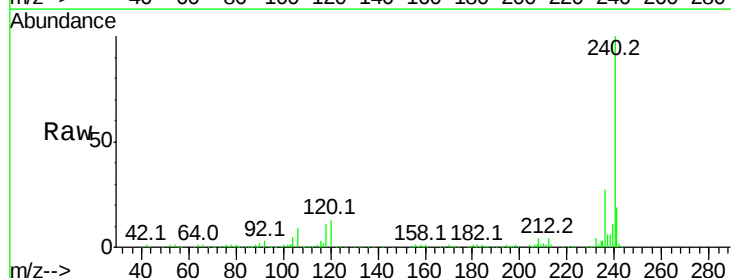


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

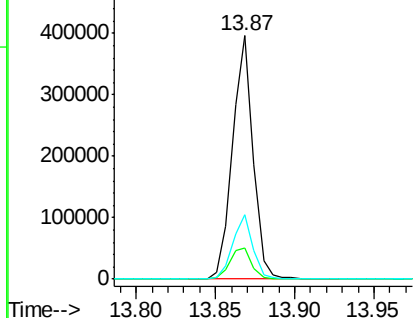
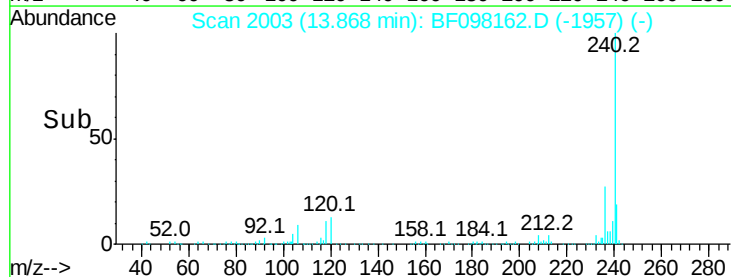


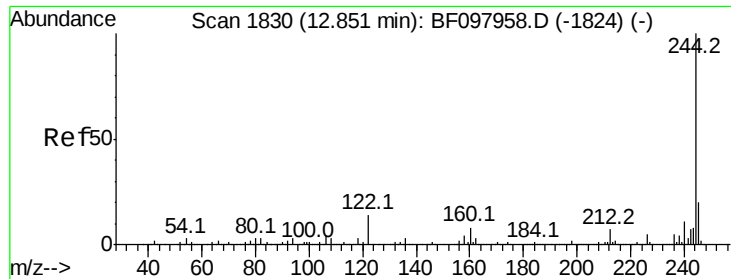
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BF098162.D
Acq: 30 Aug 2017 18:16

Tgt Ion:240 Resp: 355710
Ion Ratio Lower Upper
240 100
120 12.8 5.8 8.8#
236 26.6 20.5 30.7



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

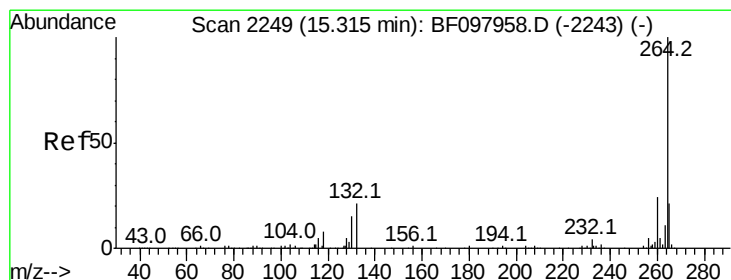
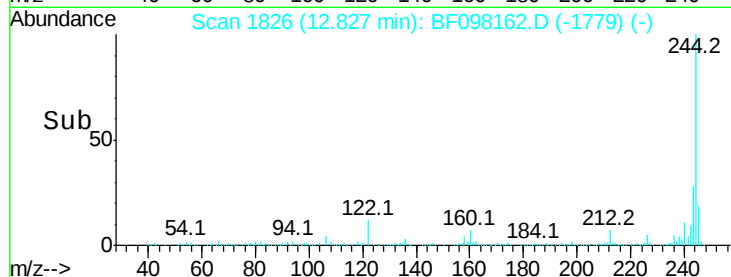
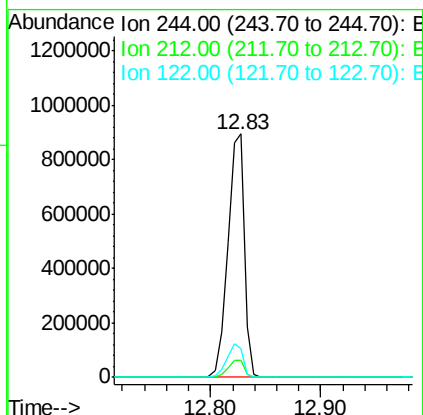
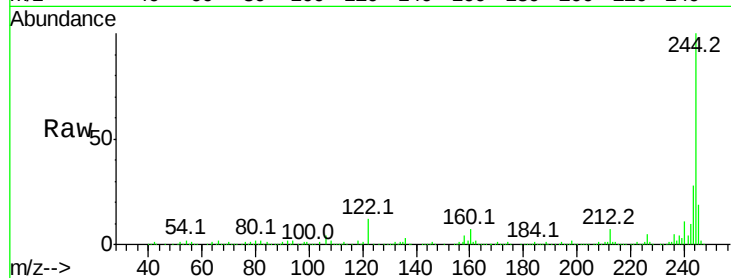




#78
 Terphenyl-d14
 Concen: 54.907 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF098162.D
 Acq: 30 Aug 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101906BL

Tot Ion:244 Resp: 936581
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BF098162.D
 Acq: 30 Aug 2017 18:16

Tgt Ion:264 Resp: 250335
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 20.9 17.2 25.8

