

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091917\
 Data File : BF098647.D
 Acq On : 19 Sep 2017 18:00
 Operator : SJ/JU
 Sample : PB102449BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102449BL

Quant Time: Sep 20 02:53:57 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	112643	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	442795	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	208834	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	519133	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	444438	20.00	ng	0.00
86) Perylene-d12	15.17	264	506228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	872073	114.47	ng	0.00
7) Phenol-d6	6.28	99	1132653	117.09	ng	-0.01
23) Nitrobenzene-d5	7.20	82	682766	85.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	241201	173.05	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1220664	99.07	ng	-0.01
78) Terphenyl-d14	12.73	244	1561200	75.82	ng	0.00

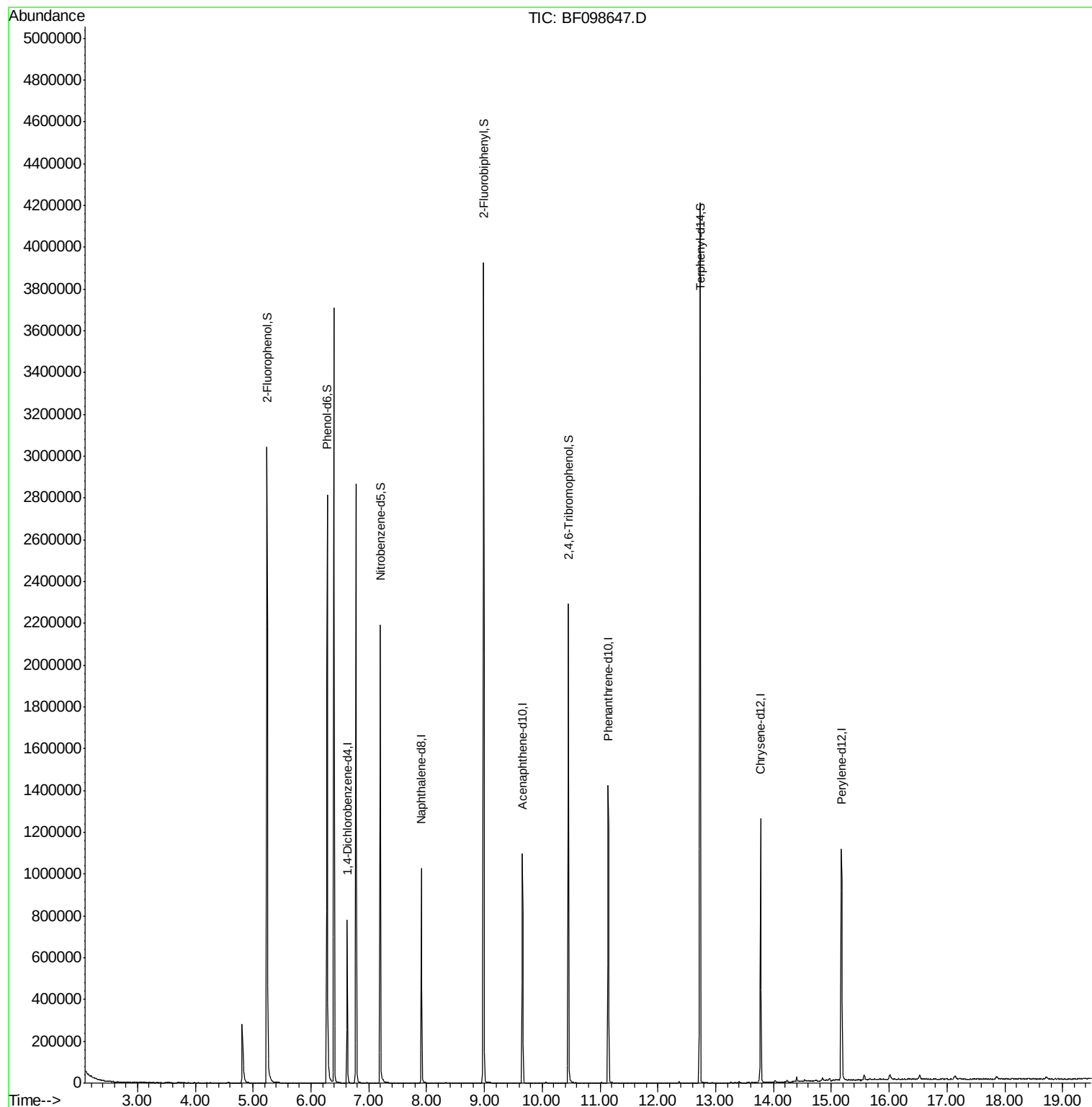
Target Compounds	Qvalue
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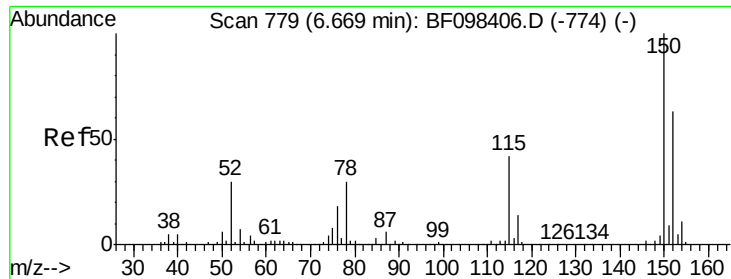
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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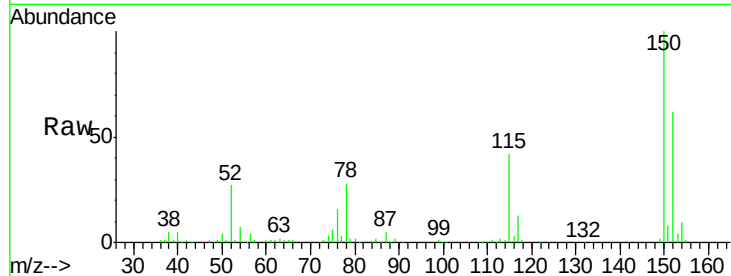


#1

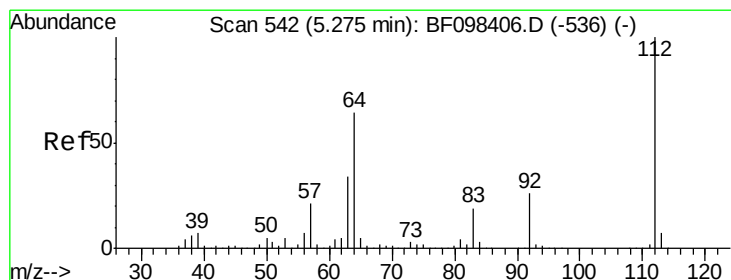
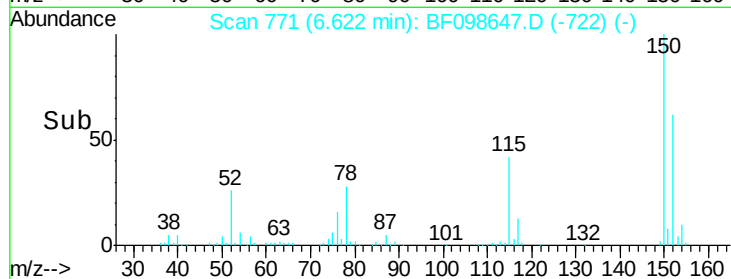
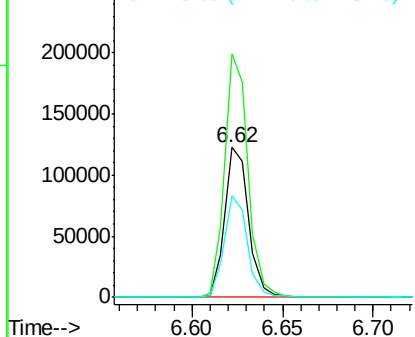
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF098647.D
Acq: 19 Sep 2017 18:00

Instrument :
BNA_F
ClientSampleId :
PB102449BL

Tgt Ion:152 Resp: 112643
Ion Ratio Lower Upper
152 100
150 162.4 126.2 189.2
115 67.4 52.2 78.2



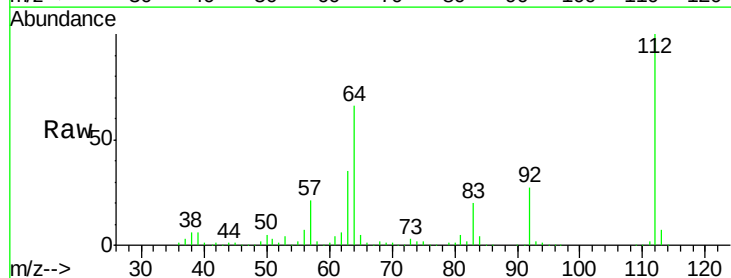
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



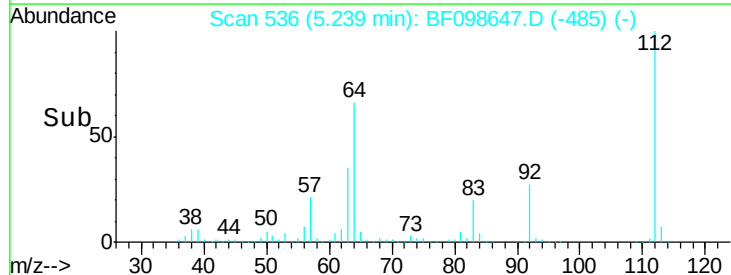
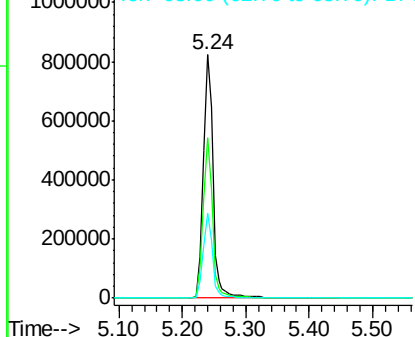
#5

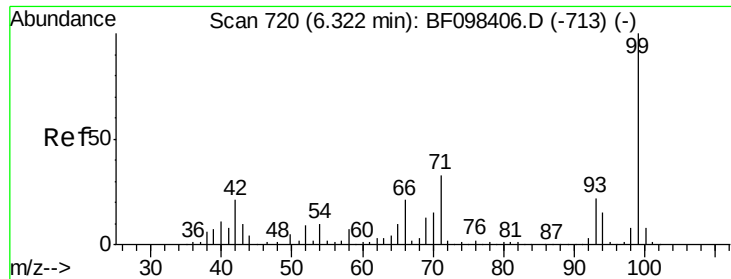
2-Fluorophenol
Concen: 114.466 ng
RT: 5.24 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF098647.D
Acq: 19 Sep 2017 18:00

Tgt Ion:112 Resp: 872073
Ion Ratio Lower Upper
112 100
64 66.1 46.0 69.0
63 34.6 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: 117.093 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF098647.D

Acq: 19 Sep 2017 18:00

Instrument :

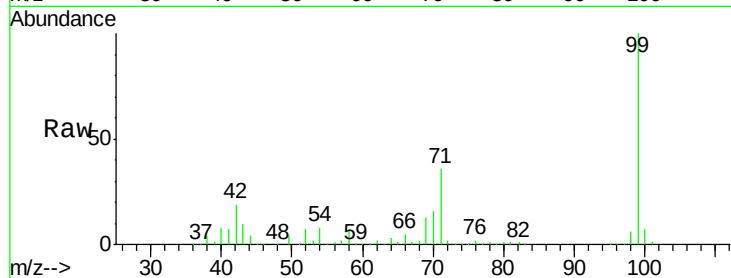
BNA_F

ClientSampleId :

PB102449BL

Tgt Ion: 99 Resp: 1132653

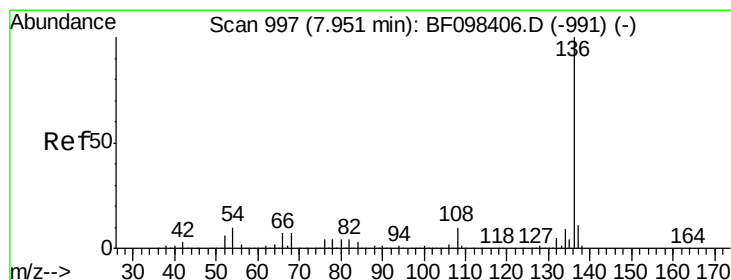
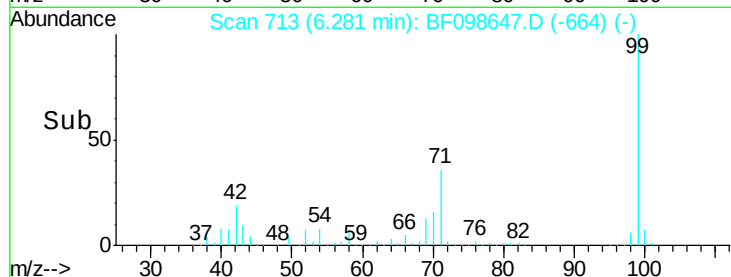
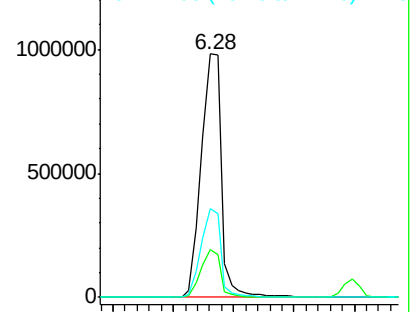
Ion	Ratio	Lower	Upper
99	100		
42	19.4	13.5	20.3
71	36.3	24.5	36.7



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: 7.91 min Scan# 990

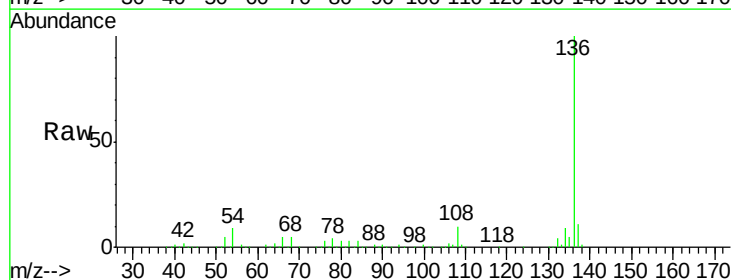
Delta R.T. -0.01 min

Lab File: BF098647.D

Acq: 19 Sep 2017 18:00

Tgt Ion: 136 Resp: 442795

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	8.8	4.9	7.3
68	5.1	4.1	6.1

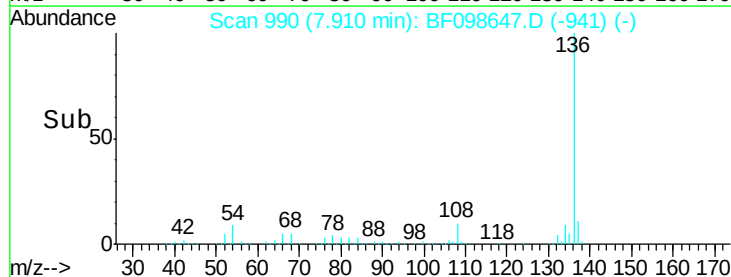
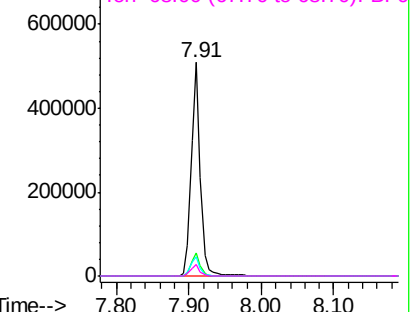


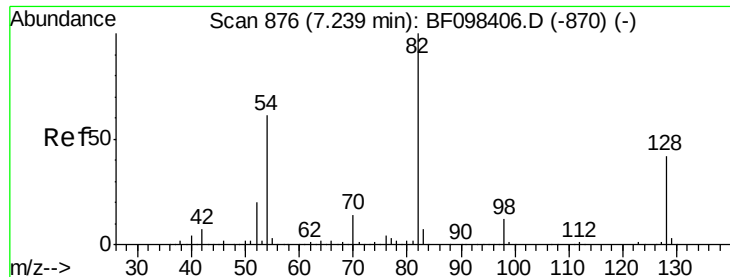
Abundance Ion 136.00 (135.70 to 136.70): E

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

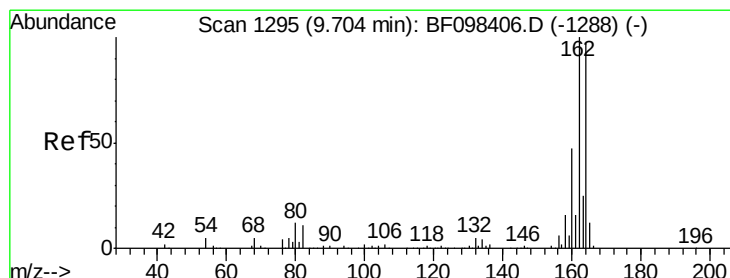
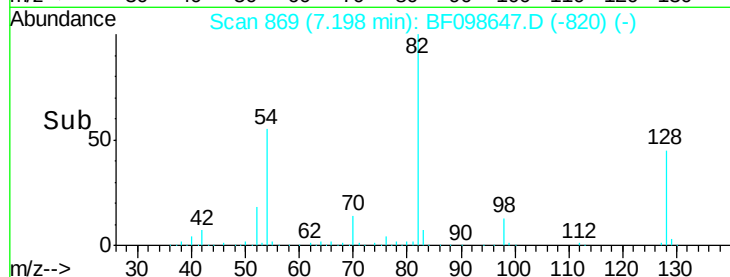
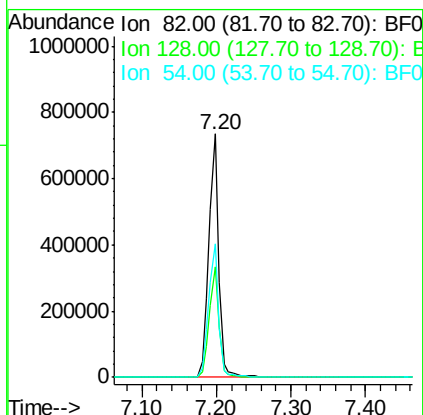
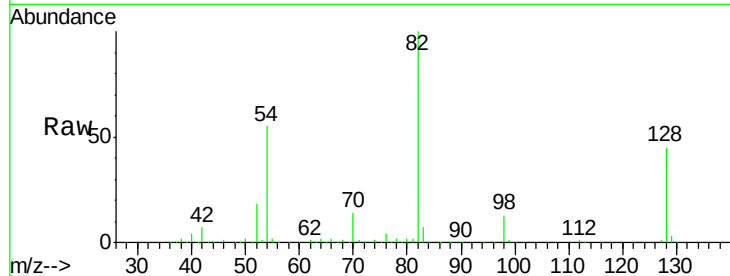




#23
 Nitrobenzene-d5
 Concen: 85.963 ng
 RT: 7.20 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF098647.D
 Acq: 19 Sep 2017 18:00

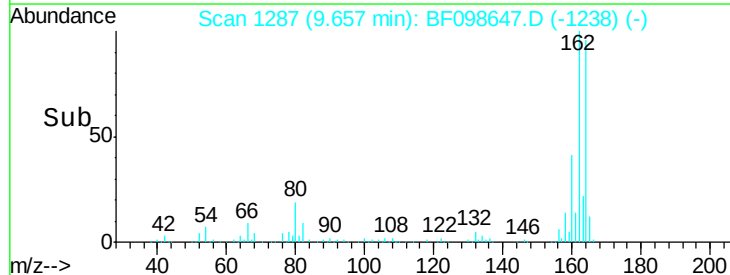
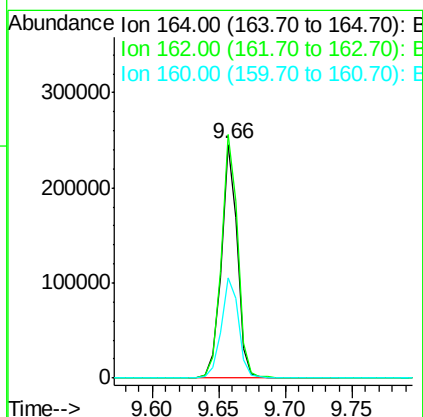
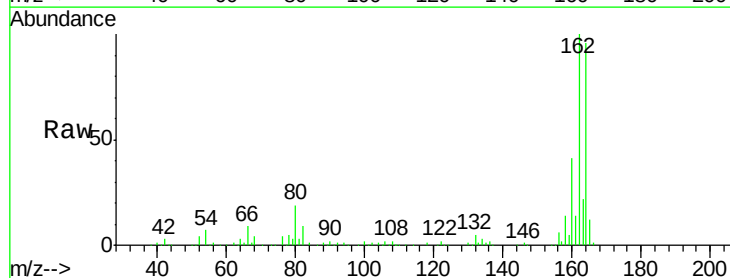
Instrument :
 BNA_F
 ClientSampleId :
 PB102449BL

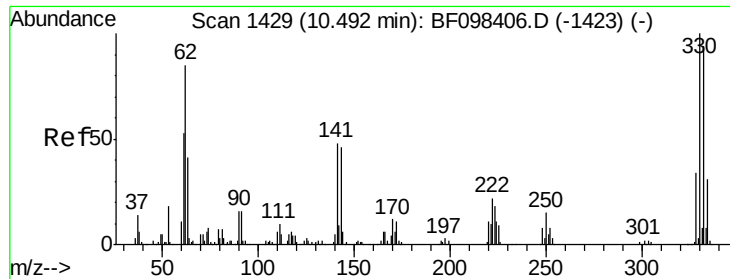
Tgt Ion: 82 Resp: 682766
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.0 51.0
 54 54.7 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF098647.D
 Acq: 19 Sep 2017 18:00

Tgt Ion: 164 Resp: 208834
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 42.9 36.2 54.2

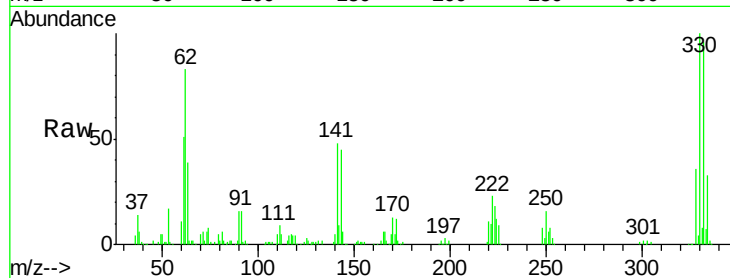




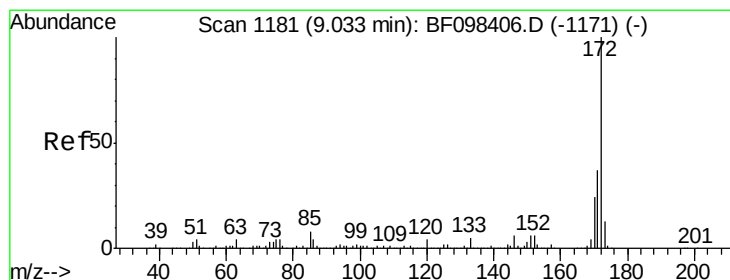
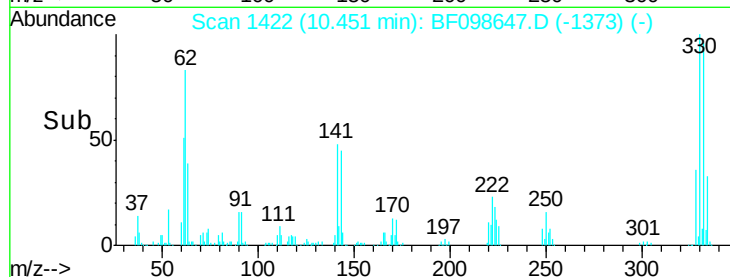
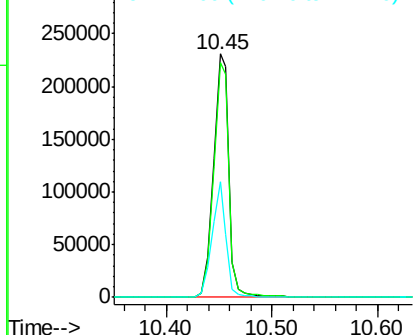
#41
 2,4,6-Tribromophenol
 Concen: 173.053 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF098647.D
 Acq: 19 Sep 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB102449BL

Tgt Ion: 330 Resp: 241201
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 42.7 31.4 47.2

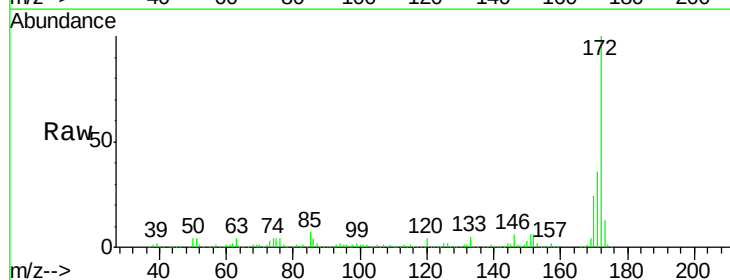


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

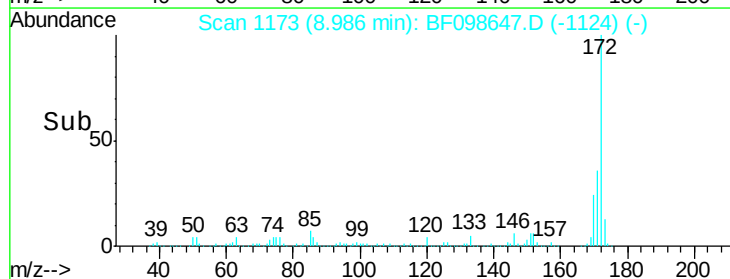
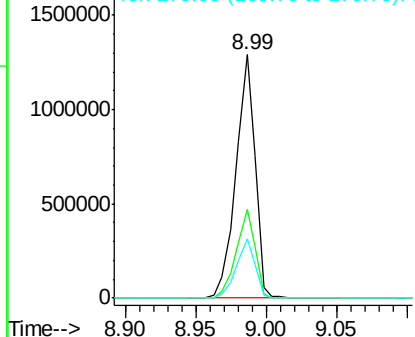


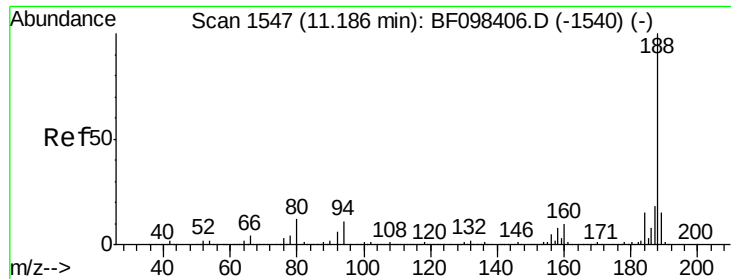
#44
 2-Fluorobiphenyl
 Concen: 99.070 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF098647.D
 Acq: 19 Sep 2017 18:00

Tgt Ion: 172 Resp: 1220664
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.5 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

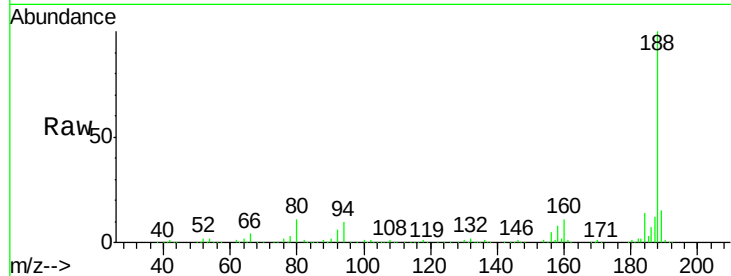




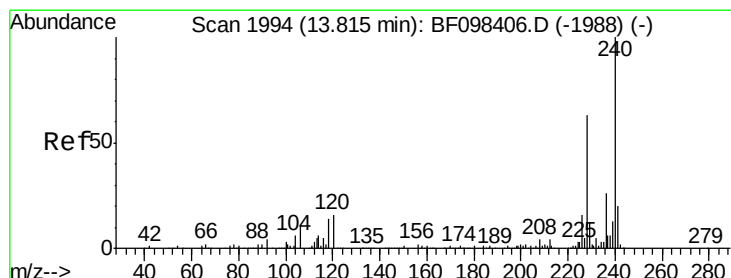
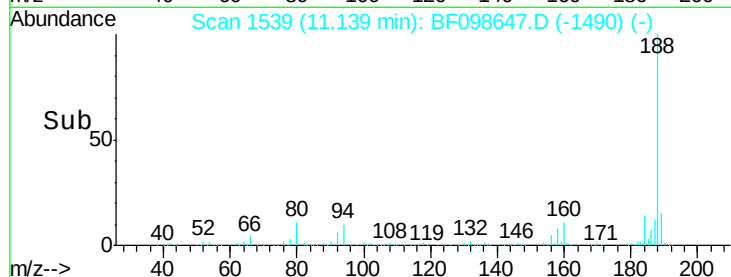
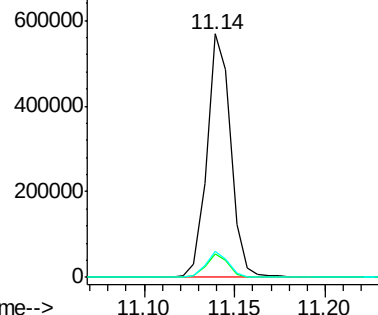
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF098647.D
Acq: 19 Sep 2017 18:00

Instrument :
BNA_F
ClientSampleId :
PB102449BL

Tgt Ion:188 Resp: 519133
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 10.9 10.2 15.2

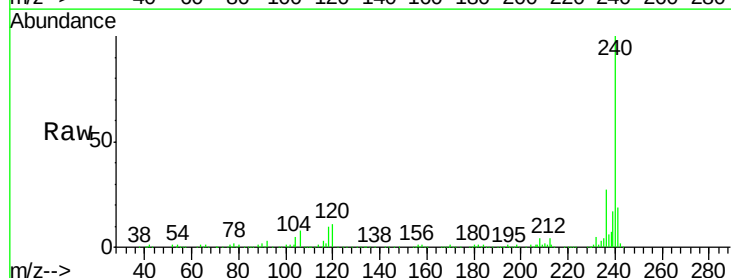


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

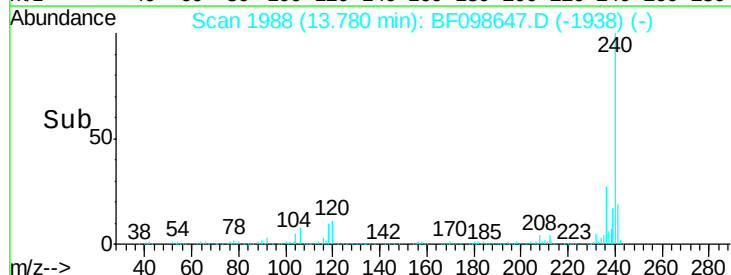
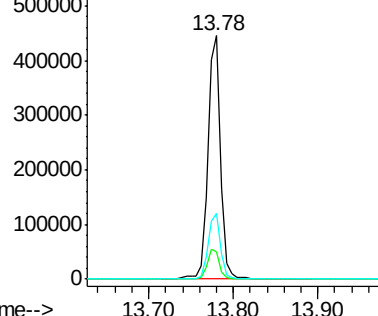


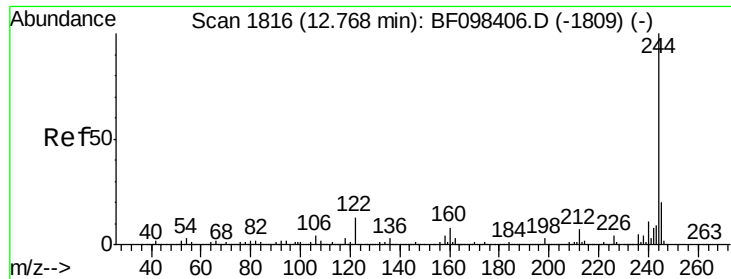
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF098647.D
Acq: 19 Sep 2017 18:00

Tgt Ion:240 Resp: 444438
Ion Ratio Lower Upper
240 100
120 11.3 5.8 8.8#
236 27.1 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

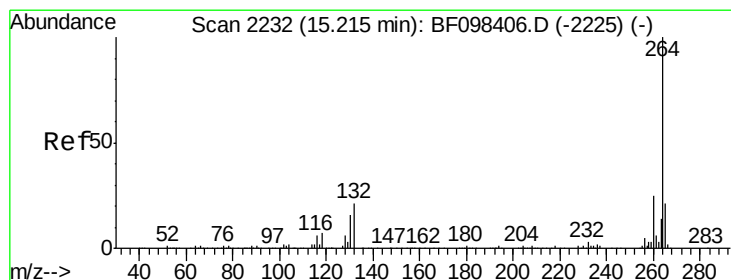
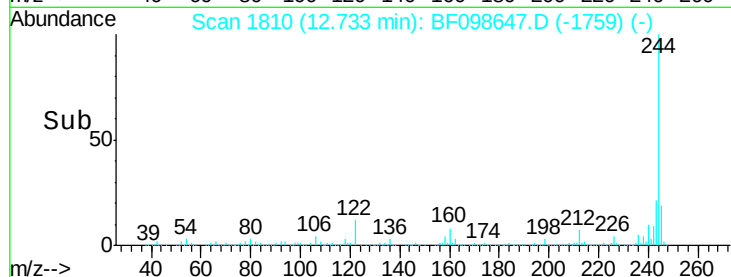
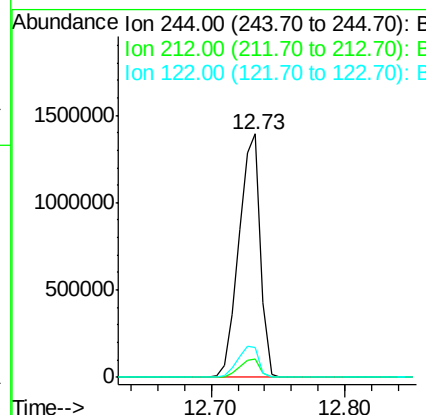
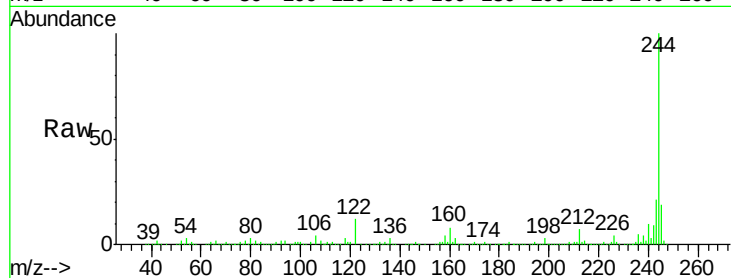




#78
 Terphenyl-d14
 Concen: 75.821 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BF098647.D
 Acq: 19 Sep 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PB102449BL

Tgt Ion:244 Resp: 1561200
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 12.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF098647.D
 Acq: 19 Sep 2017 18:00

Tgt Ion:264 Resp: 506228
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.2 17.2 25.8

