

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085933.D
 Acq On : 31 Mar 2016 17:54
 Operator : UM/SJ
 Sample : H1954-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Quant Time: Mar 31 23:50:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

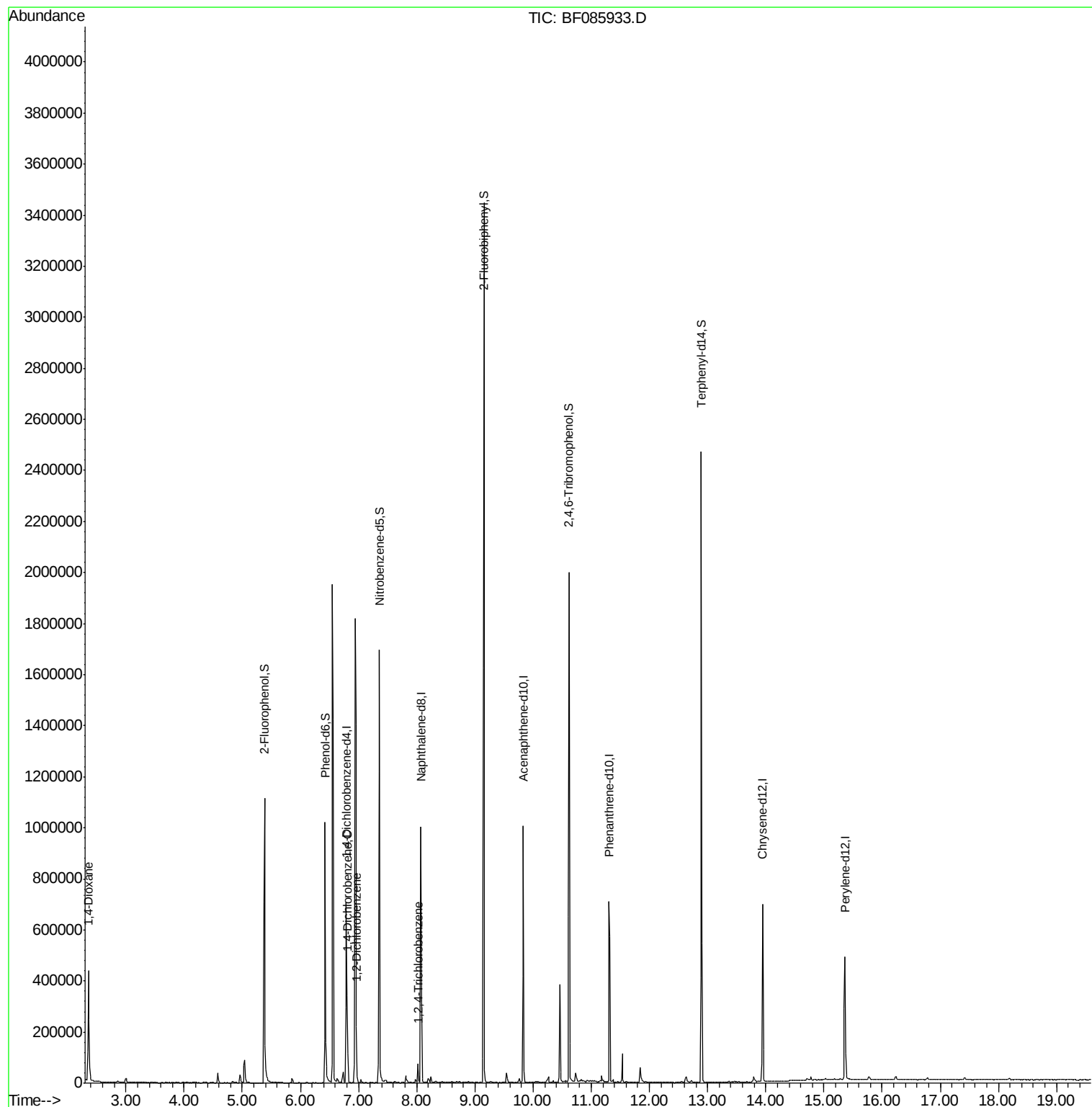
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	119254	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	473222	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	215368	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	356725	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	225726	20.00	ng	-0.02
86) Perylene-d12	15.36	264	221348	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	456610	63.77	ng	-0.01
7) Phenol-d6	6.42	99	378514	41.58	ng	-0.02
23) Nitrobenzene-d5	7.36	82	757985	90.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	248360	121.37	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1204979	93.48	ng	-0.01
78) Terphenyl-d14	12.89	244	771049	70.25	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.36	88	235167	68.78	ng	98
13) 1,4-Dichlorobenzene	6.80	146	79051	8.70	ng	98
14) 1,2-Dichlorobenzene	6.96	146	50509	5.97	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	18788	2.66	ng	90

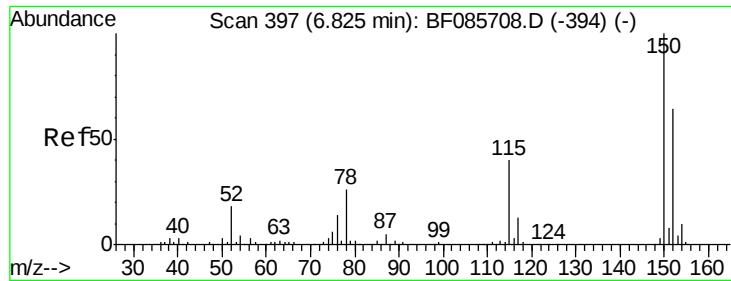
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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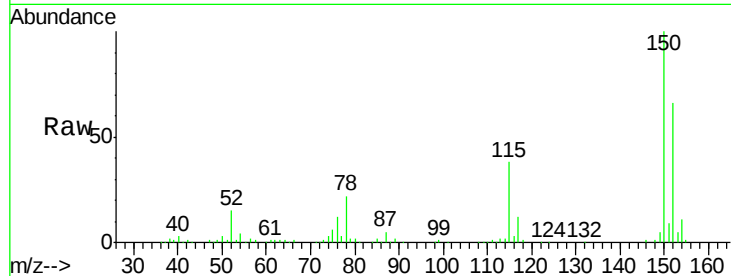


#1

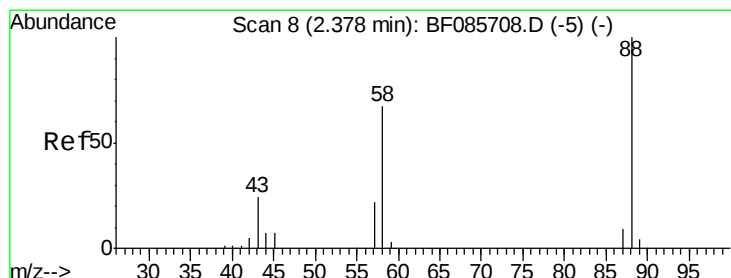
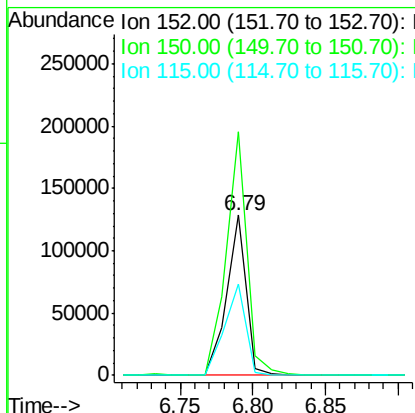
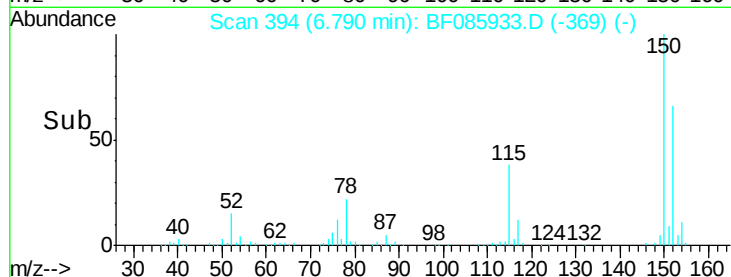
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085933.D
Acq: 31 Mar 2016 17:54

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:152 Resp: 119254
Ion Ratio Lower Upper
152 100
150 151.8 124.2 186.2
115 57.0 47.0 70.6



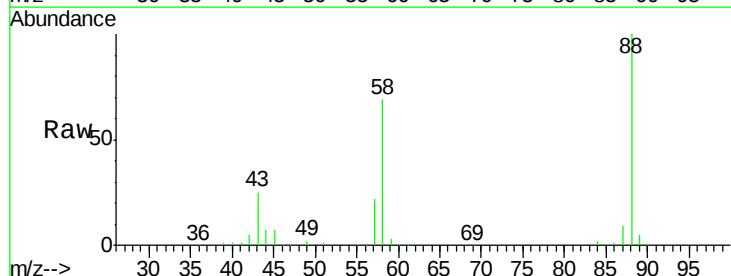
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



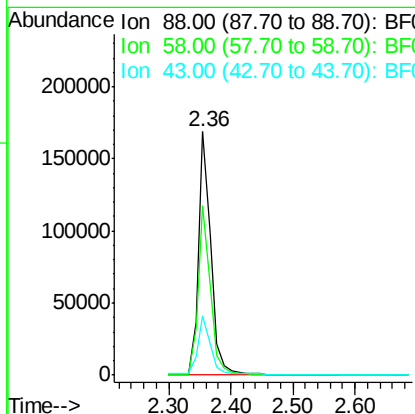
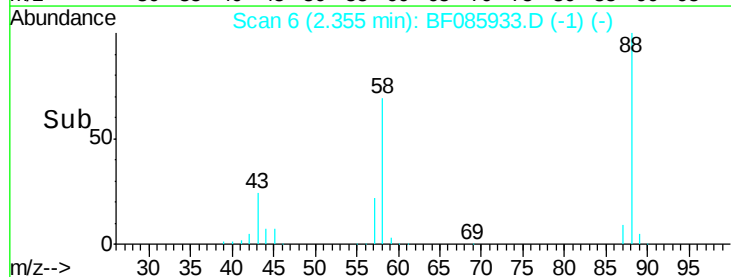
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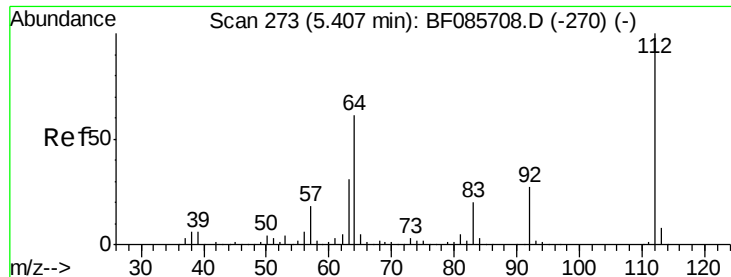
1,4-Dioxane
Concen: 68.78 ng
RT: 2.36 min Scan# 6
Delta R.T. 0.02 min
Lab File: BF085933.D
Acq: 31 Mar 2016 17:54

Tgt Ion: 88 Resp: 235167
Ion Ratio Lower Upper
88 100
58 69.4 54.2 81.2
43 24.2 19.3 28.9



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 63.77 ng

RT: 5.38 min Scan# 271

Delta R.T. -0.01 min

Lab File: BF085933.D

Acq: 31 Mar 2016 17:54

Instrument :

BNA_F

ClientSampleId :

DUP-1

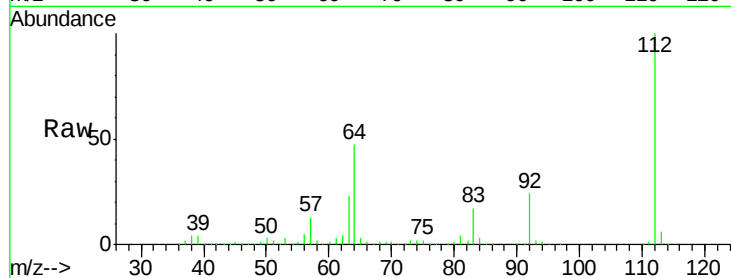
Tgt Ion: 112 Resp: 456610

Ion Ratio Lower Upper

112 100

64 46.6 39.9 59.9

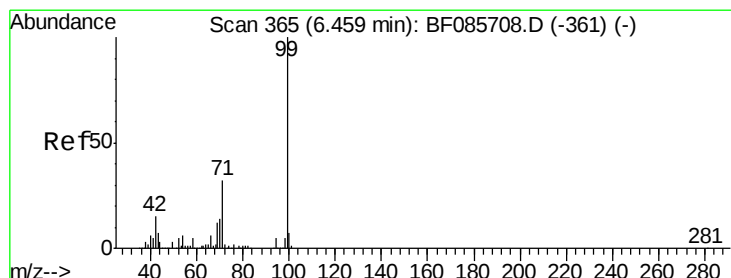
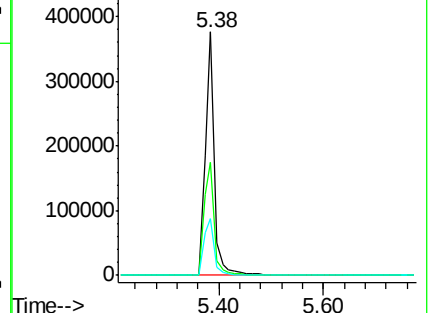
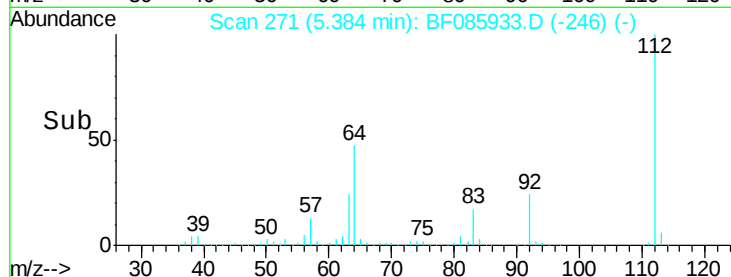
63 23.5 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 41.58 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085933.D

Acq: 31 Mar 2016 17:54

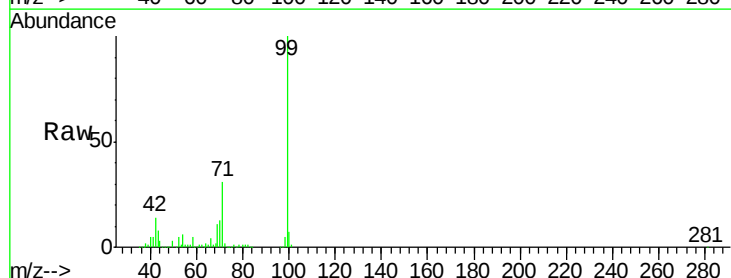
Tgt Ion: 99 Resp: 378514

Ion Ratio Lower Upper

99 100

42 14.1 11.1 16.7

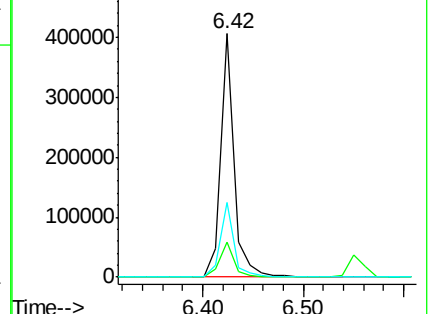
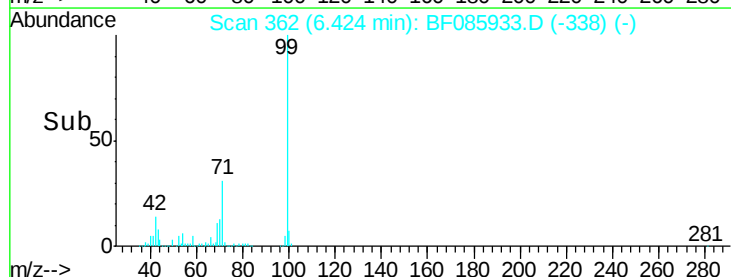
71 30.9 24.9 37.3

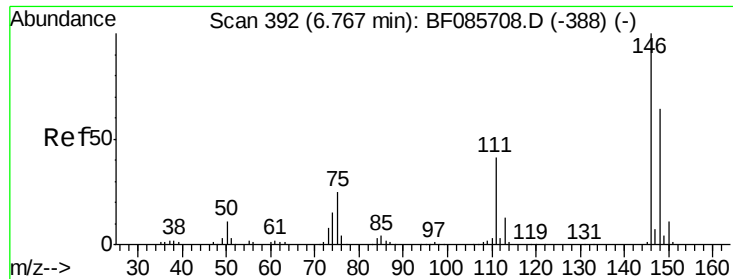


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

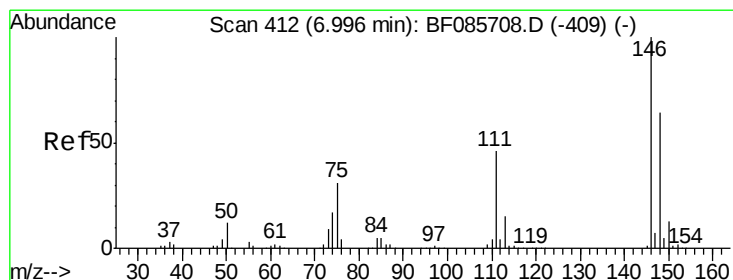
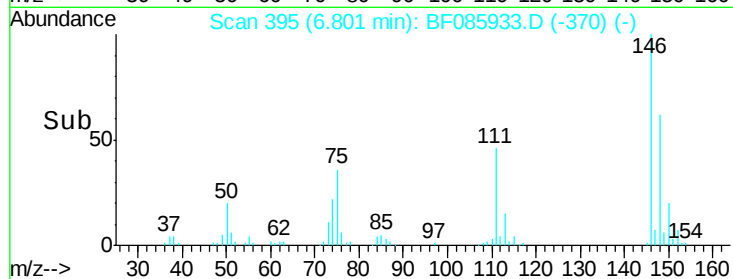
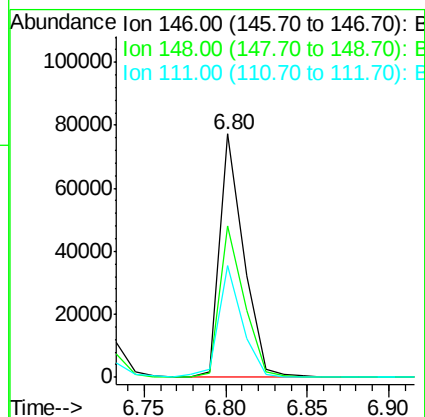
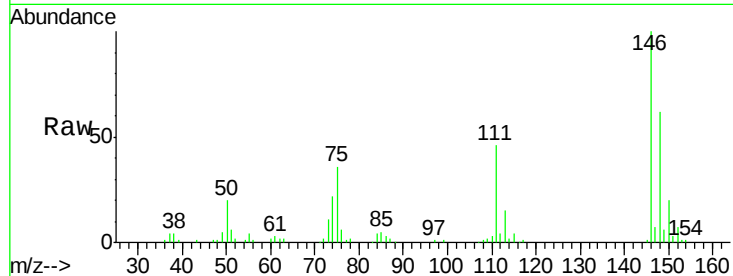




#13
 1,4-Dichlorobenzene
 Concen: 8.70 ng
 RT: 6.80 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BF085933.D
 Acq: 31 Mar 2016 17:54

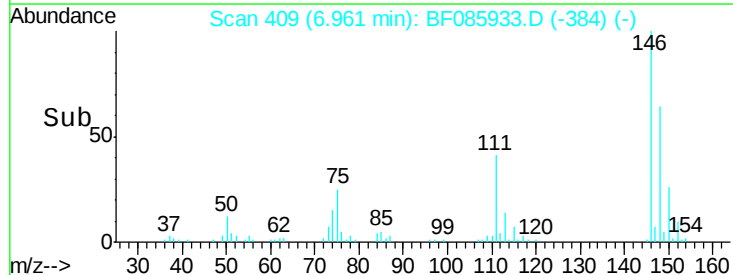
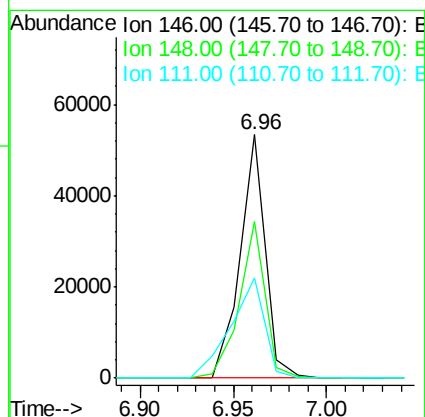
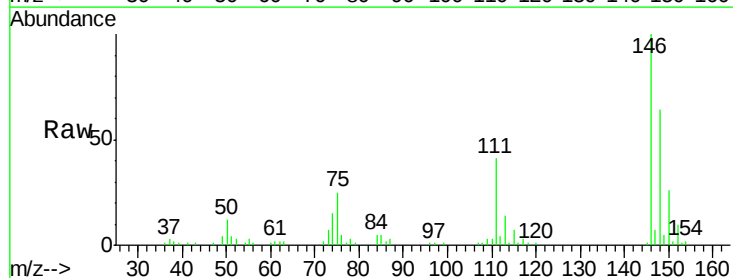
Instrument :
 BNA_F
 ClientSampled :
 DUP-1

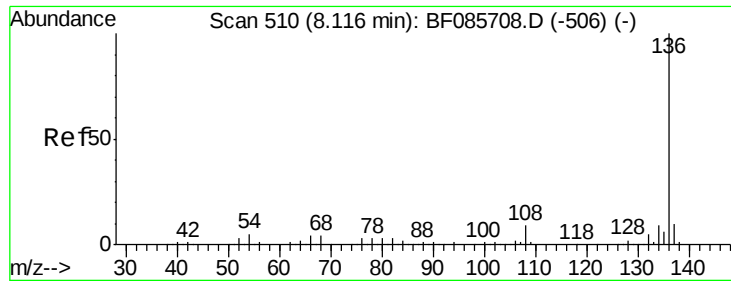
Tgt Ion:146 Resp: 79051
 Ion Ratio Lower Upper
 146 100
 148 62.0 50.6 76.0
 111 45.8 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 5.97 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF085933.D
 Acq: 31 Mar 2016 17:54

Tgt Ion:146 Resp: 50509
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.4 77.2
 111 41.0 34.6 52.0

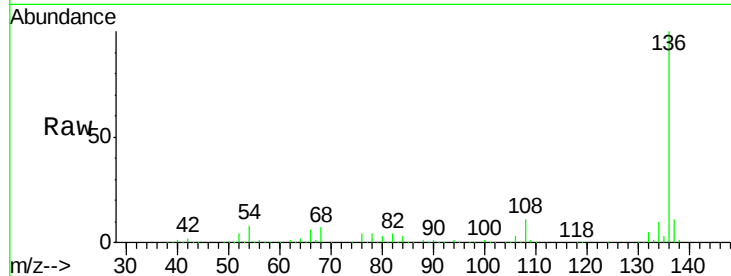




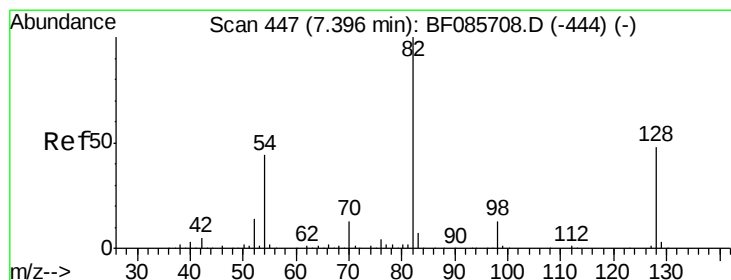
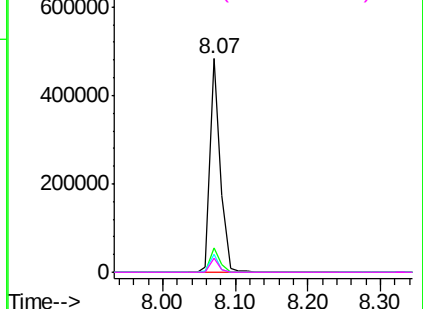
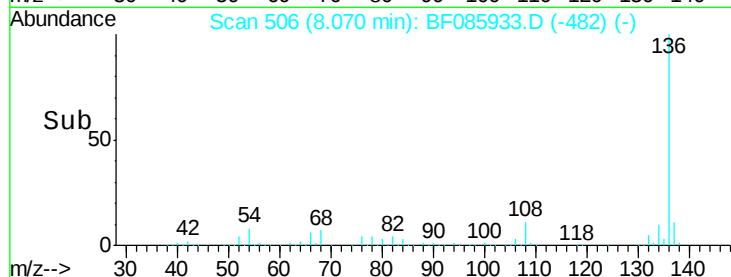
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085933.D
Acq: 31 Mar 2016 17:54

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:	136	Resp:	473222
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.2	7.4	11.0
68	6.8	5.8	8.8

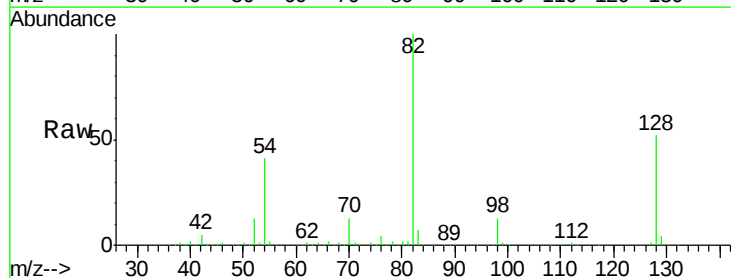


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

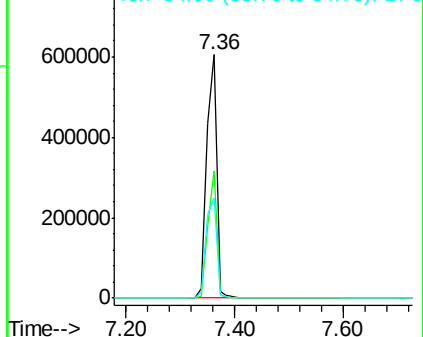
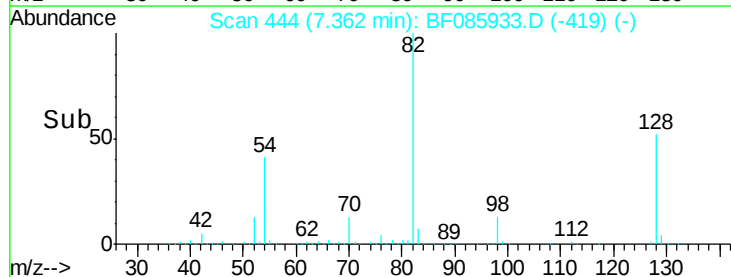


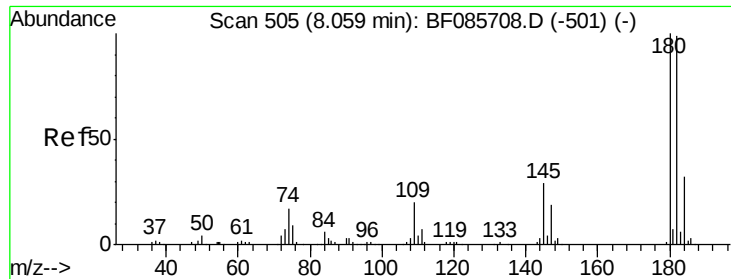
#23
Nitrobenzene-d5
Concen: 90.20 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085933.D
Acq: 31 Mar 2016 17:54

Tgt Ion:	82	Resp:	757985
Ion	Ratio	Lower	Upper
82	100		
128	52.2	41.8	62.8
54	41.1	33.4	50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

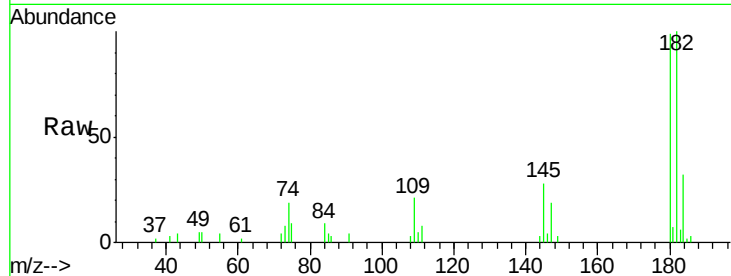




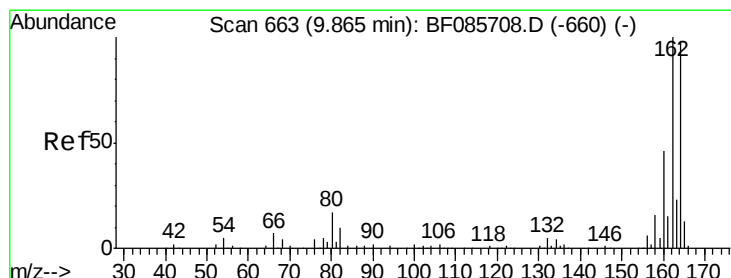
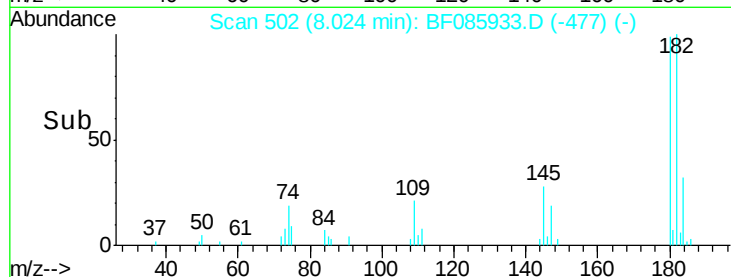
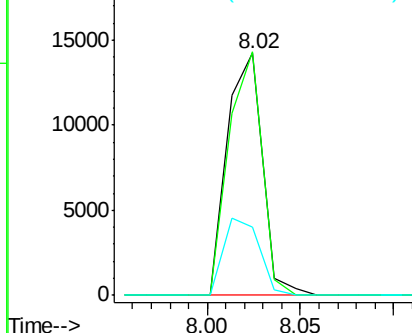
#30
 1,2,4-Trichlorobenzene
 Concen: 2.66 ng
 RT: 8.02 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF085933.D
 Acq: 31 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tgt Ion:180 Resp: 18788
 Ion Ratio Lower Upper
 180 100
 182 100.5 73.8 110.8
 145 28.4 28.4 42.6

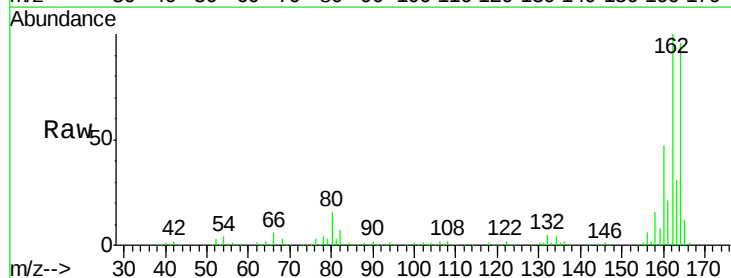


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

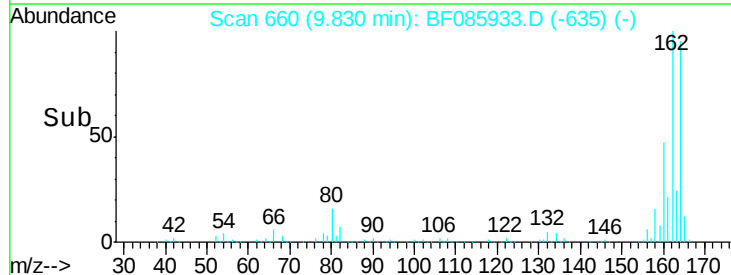
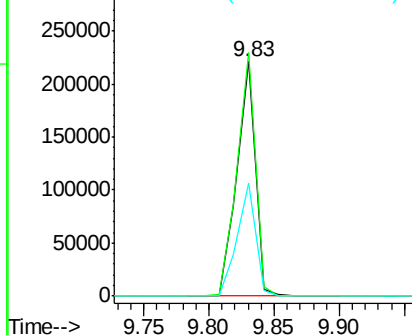


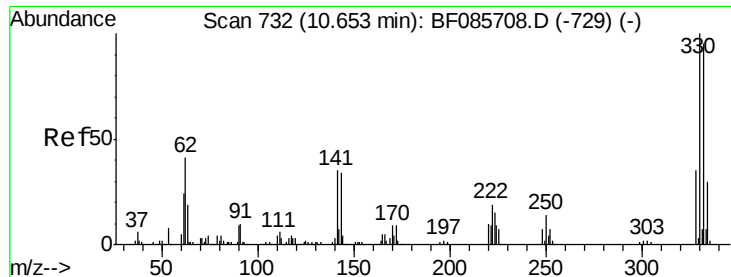
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF085933.D
 Acq: 31 Mar 2016 17:54

Tgt Ion:164 Resp: 215368
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.1 123.1
 160 48.5 37.4 56.2



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

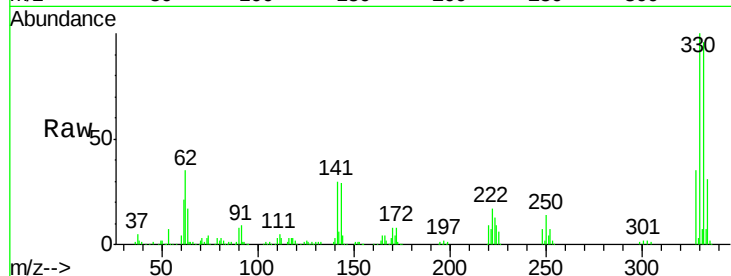




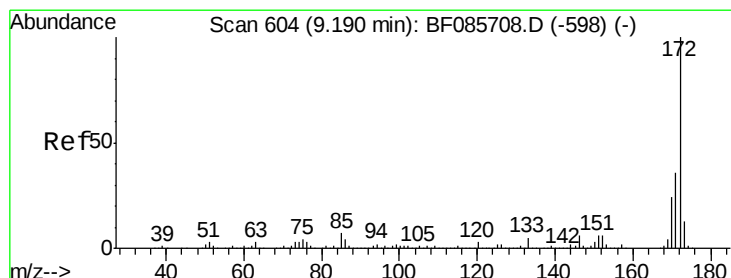
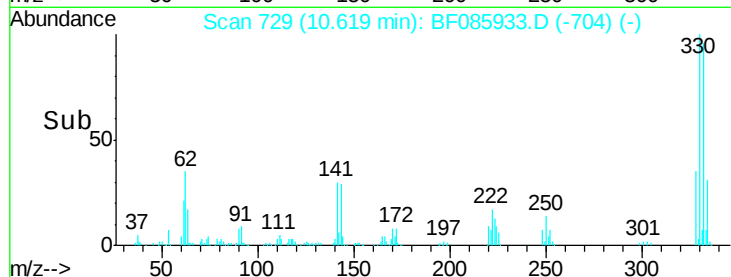
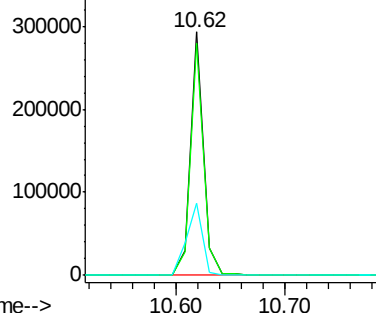
#41
 2,4,6-Tribromophenol
 Concen: 121.37 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085933.D
 Acq: 31 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.2	117.2
141	36.8	31.5	47.3

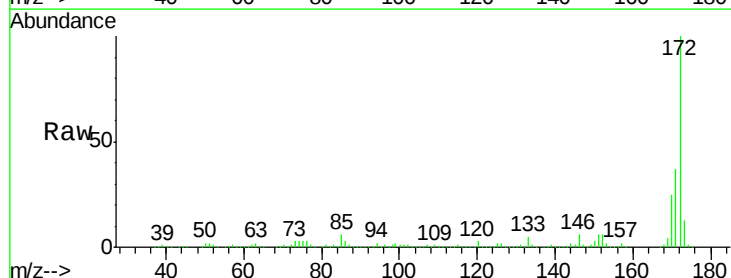


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

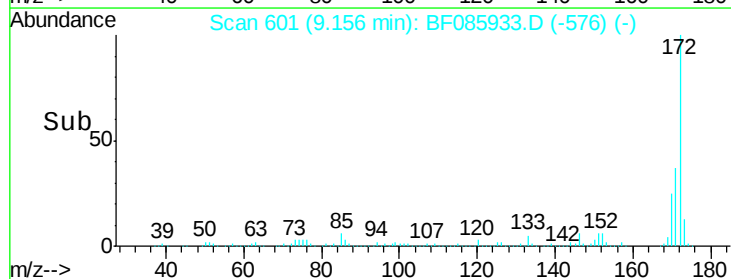
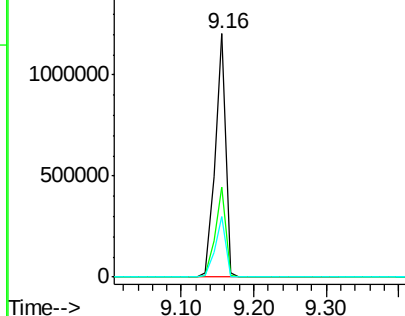


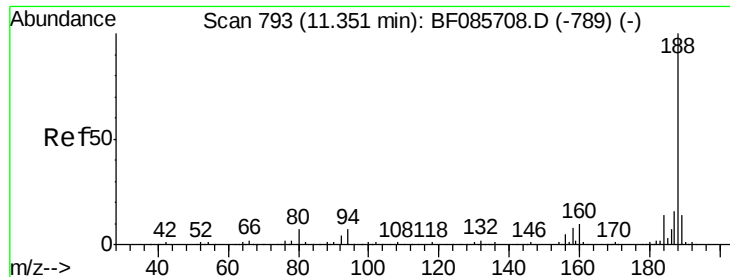
#44
 2-Fluorobiphenyl
 Concen: 93.48 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085933.D
 Acq: 31 Mar 2016 17:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.2
170	25.0	19.8	29.6



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

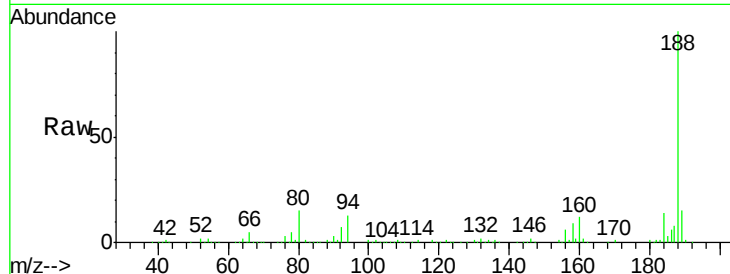




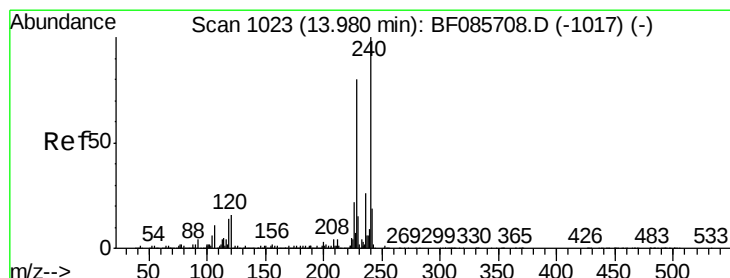
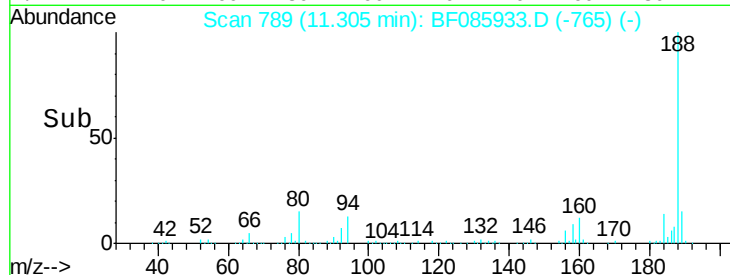
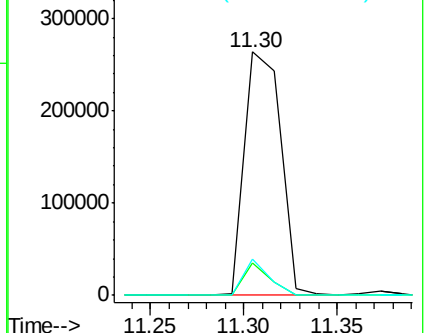
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF085933.D
Acq: 31 Mar 2016 17:54

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:188 Resp: 356725
Ion Ratio Lower Upper
188 100
94 13.2 5.4 8.0#
80 15.0 5.5 8.3#

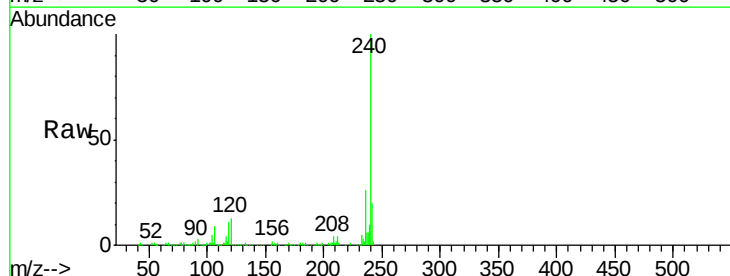


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

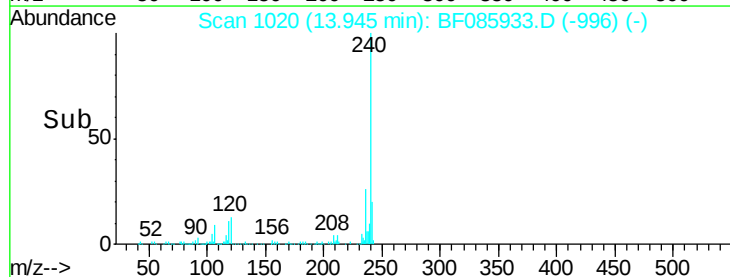
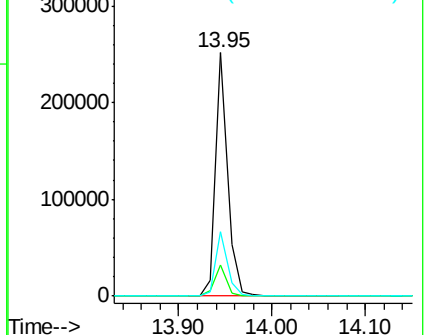


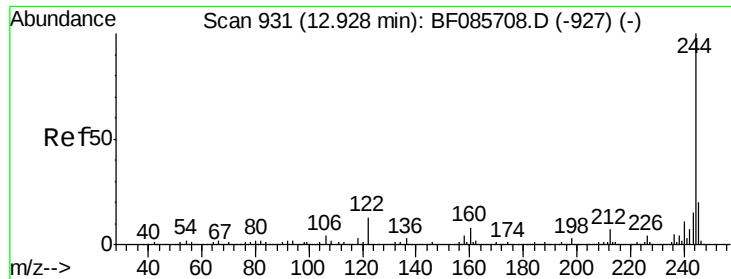
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085933.D
Acq: 31 Mar 2016 17:54

Tgt Ion:240 Resp: 225726
Ion Ratio Lower Upper
240 100
120 13.0 13.8 20.8#
236 26.2 20.6 30.8



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

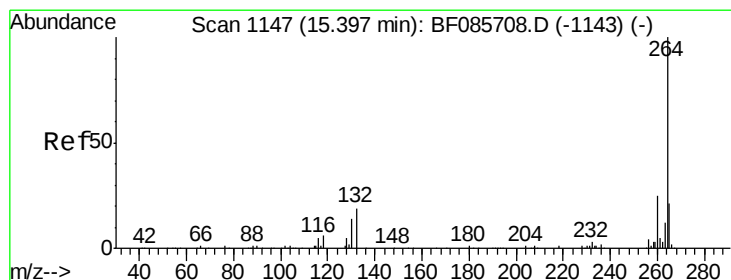
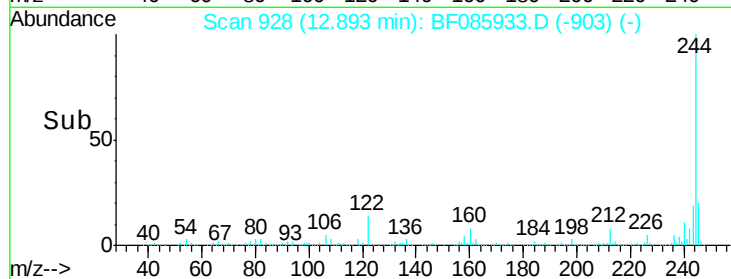
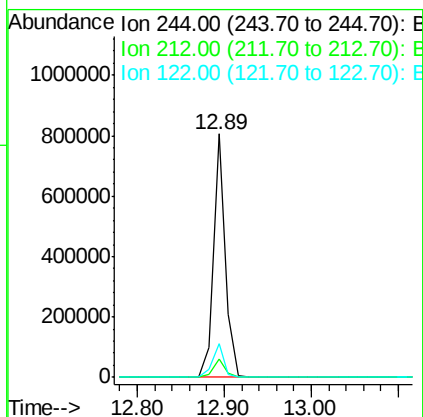
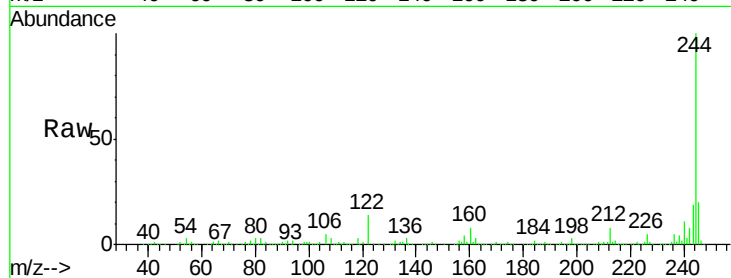




#78
 Terphenyl-d14
 Concen: 70.25 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF085933.D
 Acq: 31 Mar 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tgt Ion:244 Resp: 771049
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 14.0 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF085933.D
 Acq: 31 Mar 2016 17:54

Tgt Ion:264 Resp: 221348
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.7 17.2 25.8

