

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085832.D
 Acq On : 29 Mar 2016 5:41
 Operator : UM/SJ
 Sample : H1942-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-929NCOMP

Quant Time: Mar 29 06:58:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

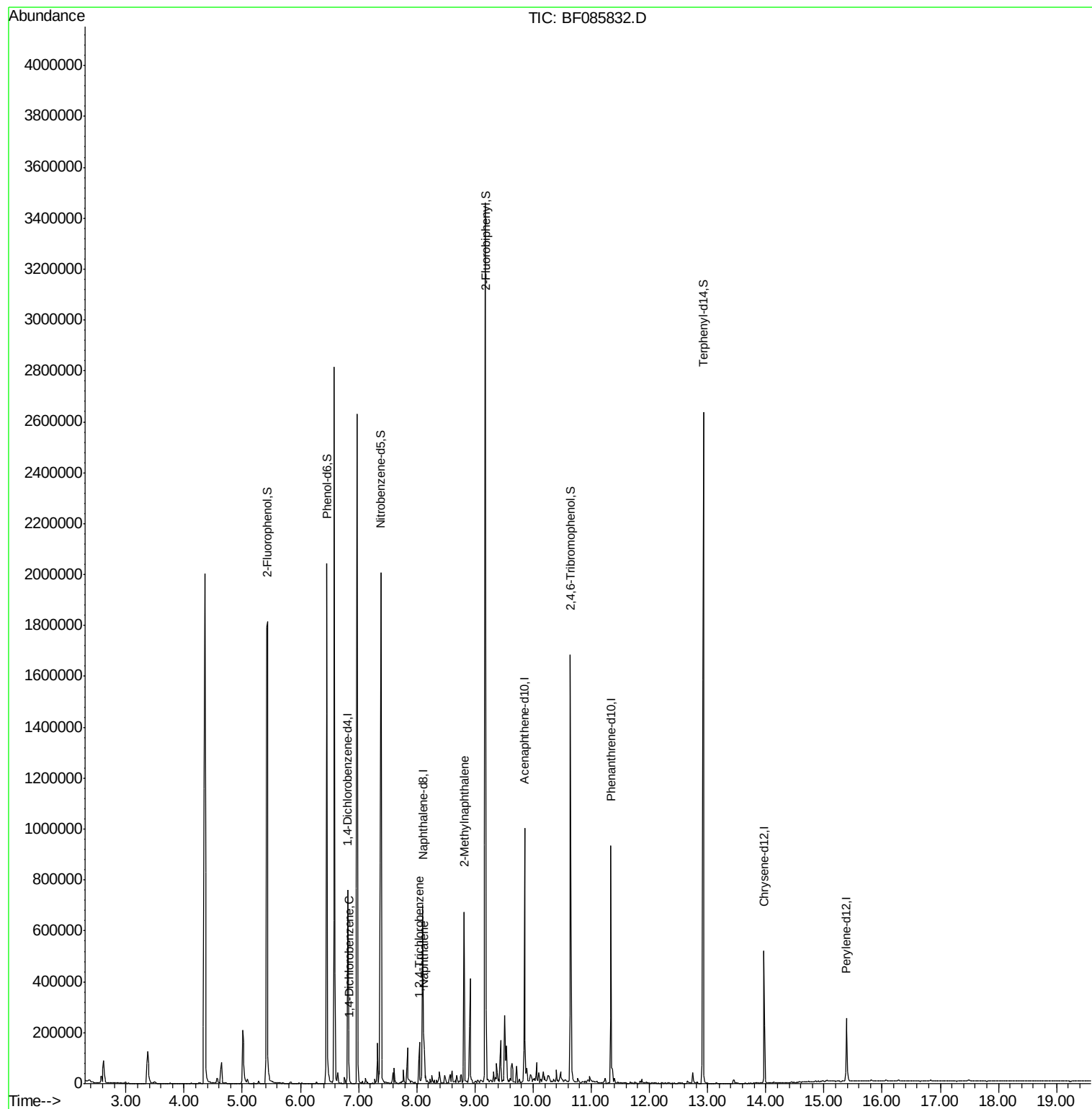
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	112106	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	434650	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	176095	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	339324	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	190554	20.00	ng	-0.01
86) Perylene-d12	15.39	264	117111	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	859367	127.67	ng	0.02
7) Phenol-d6	6.46	99	986399	115.25	ng	0.00
23) Nitrobenzene-d5	7.38	82	737158	95.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	235752	140.91	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1088386	103.26	ng	-0.01
78) Terphenyl-d14	12.93	244	999707	107.89	ng	0.00
Target Compounds						Qvalue
13) 1,4-Dichlorobenzene	6.84	146	20838	2.44	ng	95
30) 1,2,4-Trichlorobenzene	8.05	180	36002	5.54	ng	93
31) Naphthalene	8.12	128	96664	4.41	ng	99
37) 2-Methylnaphthalene	8.81	142	175219	10.94	ng	98

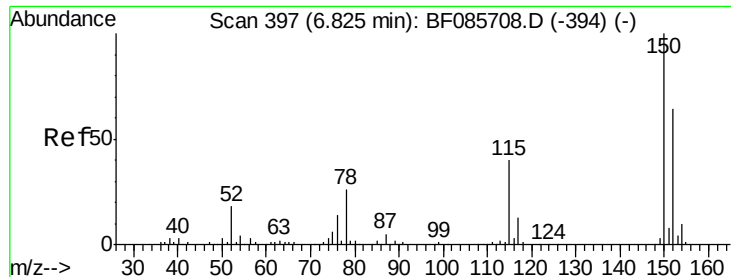
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085832.D

Acq: 29 Mar 2016 5:41

Instrument :

BNA_F

ClientSampleId :

B-929NCOMP

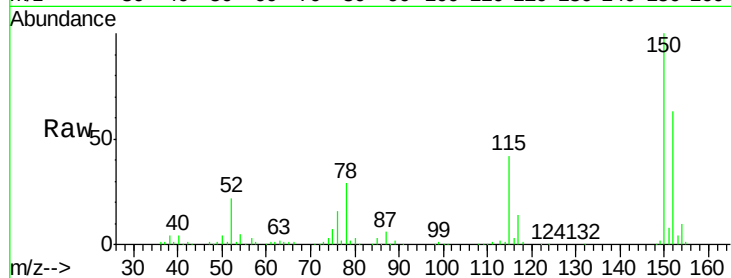
Tgt Ion:152 Resp: 112106

Ion Ratio Lower Upper

152 100

150 157.6 124.2 186.2

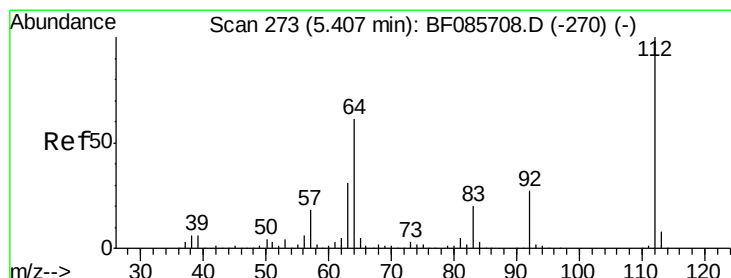
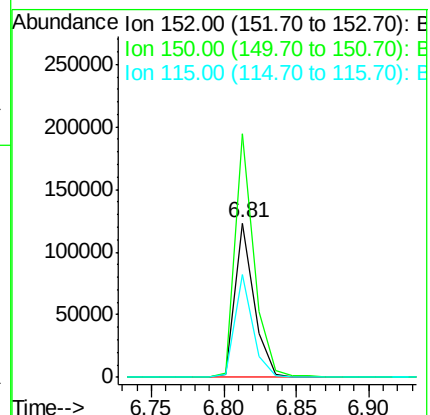
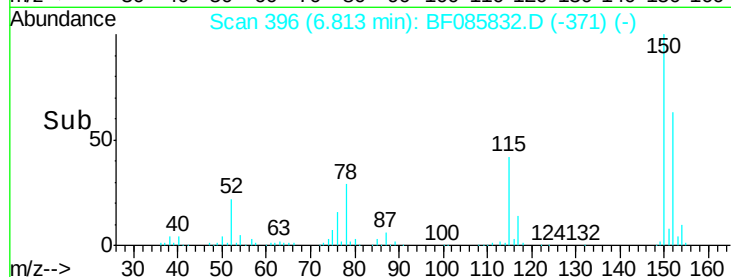
115 66.6 47.0 70.6



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



#5

2-Fluorophenol

Concen: 127.67 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085832.D

Acq: 29 Mar 2016 5:41

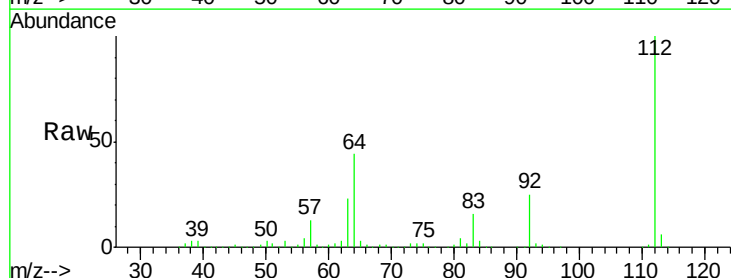
Tgt Ion:112 Resp: 859367

Ion Ratio Lower Upper

112 100

64 44.4 39.9 59.9

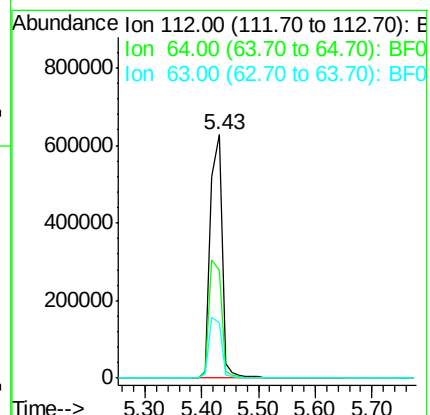
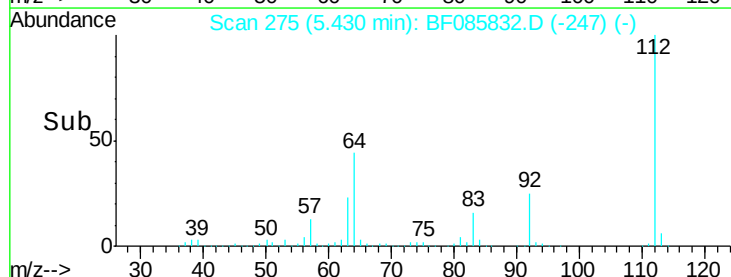
63 22.7 20.2 30.2

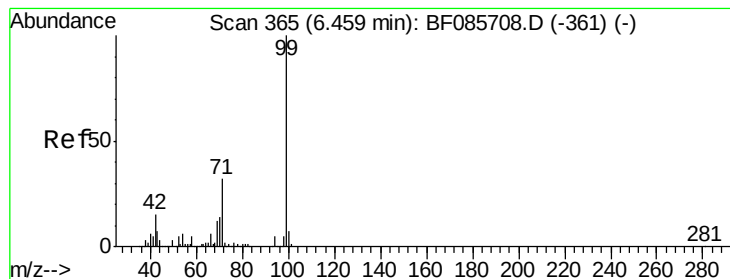


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.25 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085832.D

Acq: 29 Mar 2016 5:41

Instrument :

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ClientSampleId :

B-929NCOMP

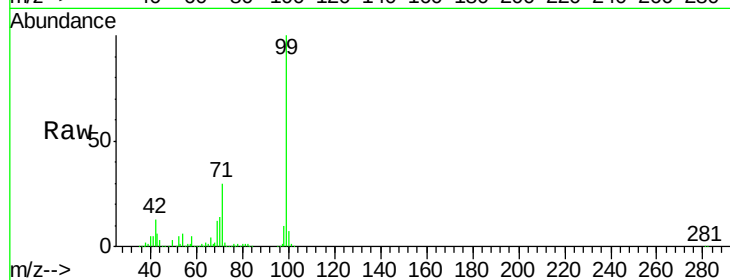
Tgt Ion: 99 Resp: 986399

Ion Ratio Lower Upper

99 100

42 13.1 11.1 16.7

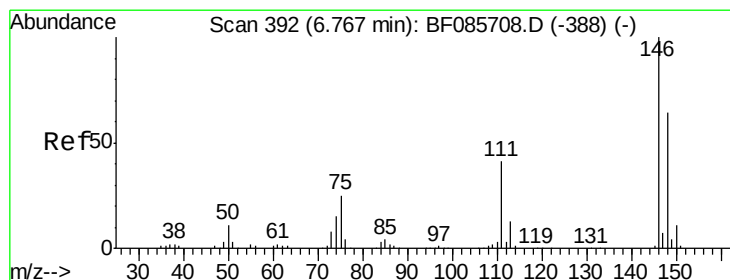
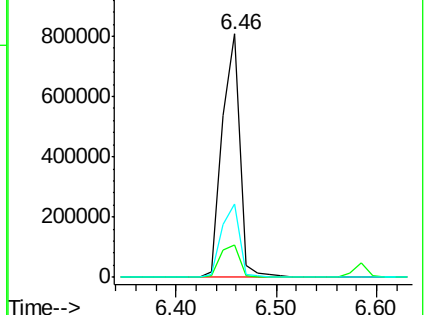
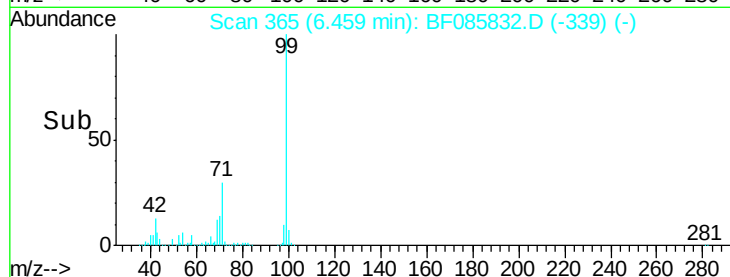
71 30.0 24.9 37.3



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: 2.44 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF085832.D

Acq: 29 Mar 2016 5:41

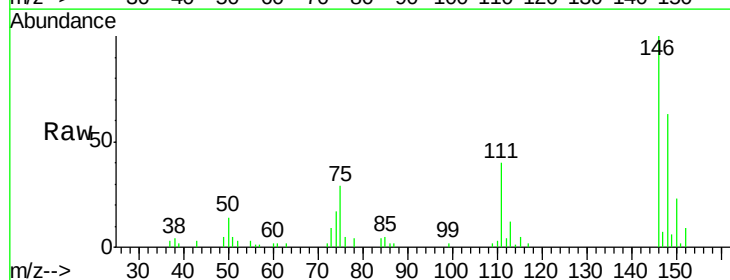
Tgt Ion: 146 Resp: 20838

Ion Ratio Lower Upper

146 100

148 62.8 50.6 76.0

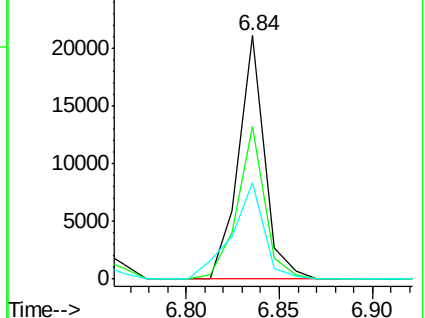
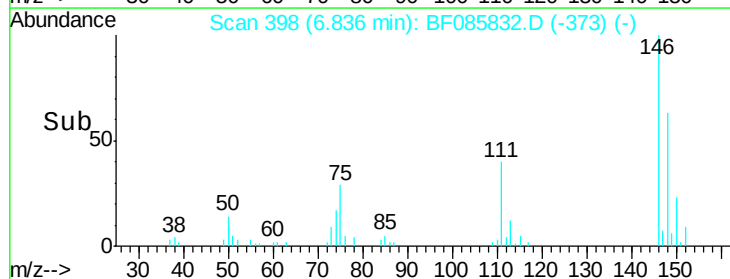
111 39.6 37.8 56.6

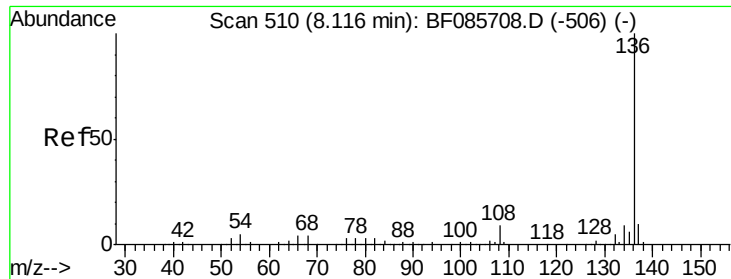


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

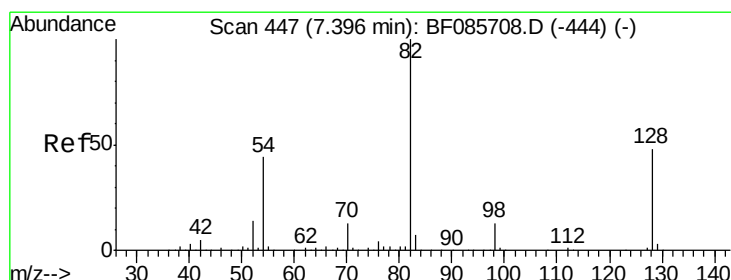
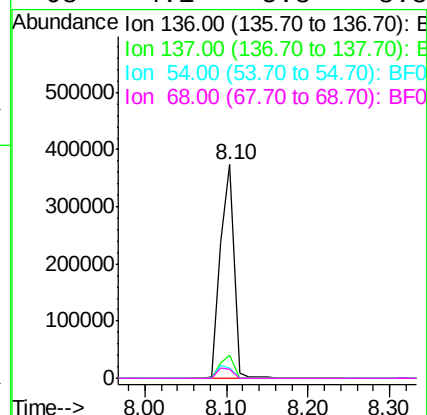
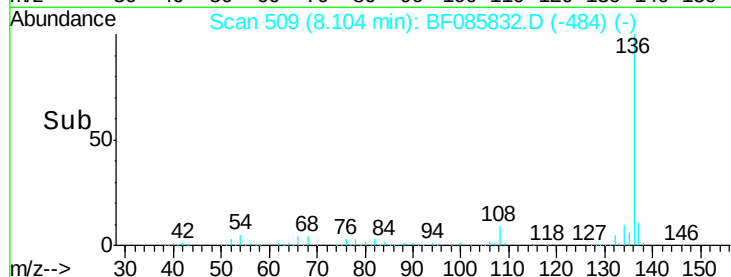
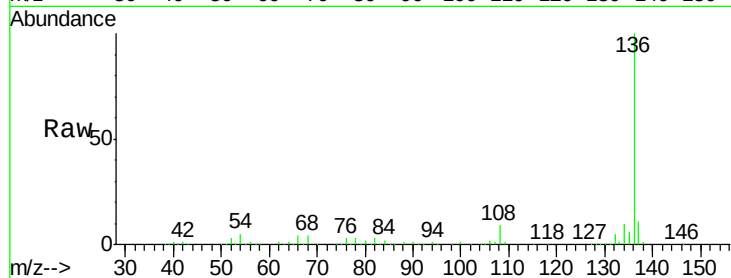




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085832.D
Acq: 29 Mar 2016 5:41

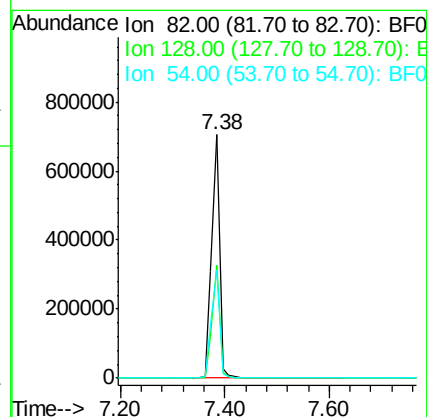
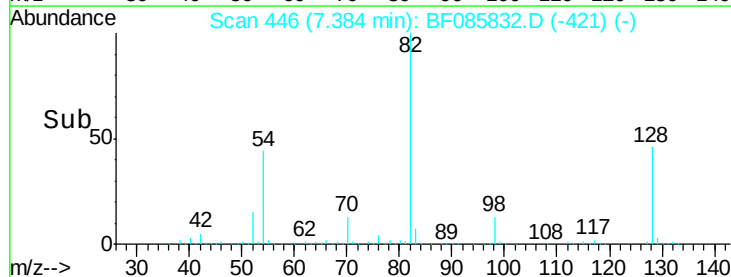
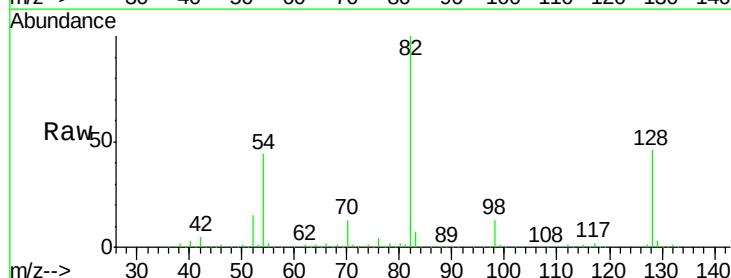
Instrument :
BNA_F
ClientSampleId :
B-929NCOMP

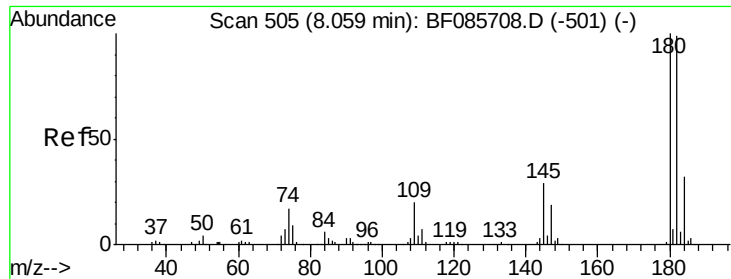
Tgt Ion: 136 Resp: 434650
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 4.8 7.4 11.0#
68 4.1 5.8 8.8#



#23
Nitrobenzene-d5
Concen: 95.51 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085832.D
Acq: 29 Mar 2016 5:41

Tgt Ion: 82 Resp: 737158
Ion Ratio Lower Upper
82 100
128 46.4 41.8 62.8
54 44.5 33.4 50.0

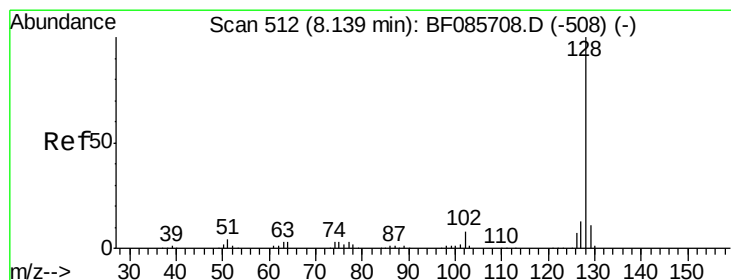
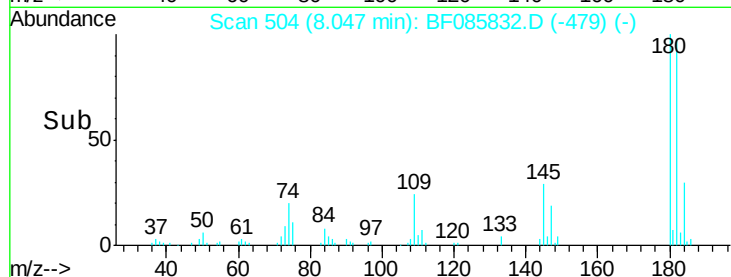
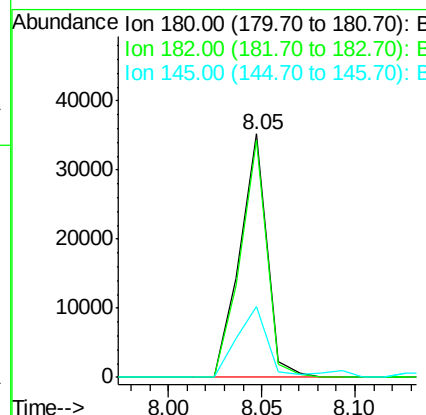
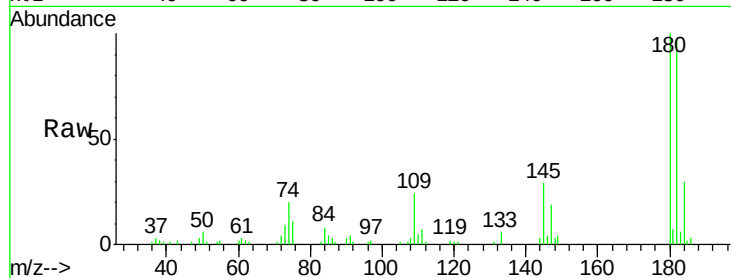




#30
1,2,4-Trichlorobenzene
Concen: 5.54 ng
RT: 8.05 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF085832.D
Acq: 29 Mar 2016 5:41

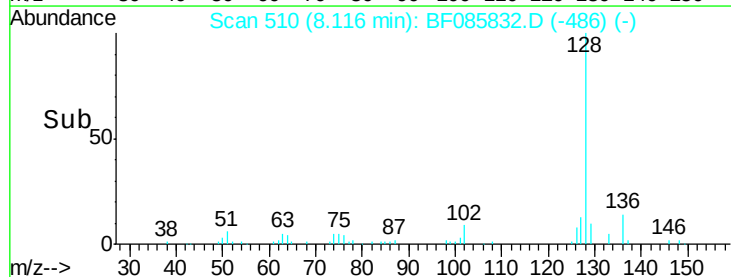
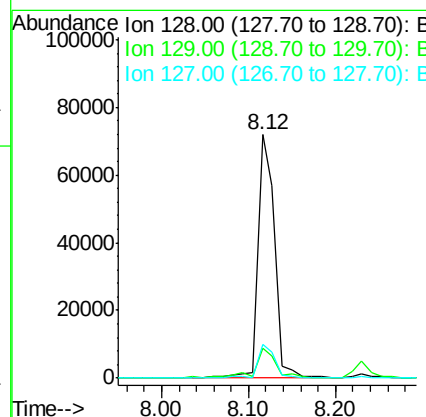
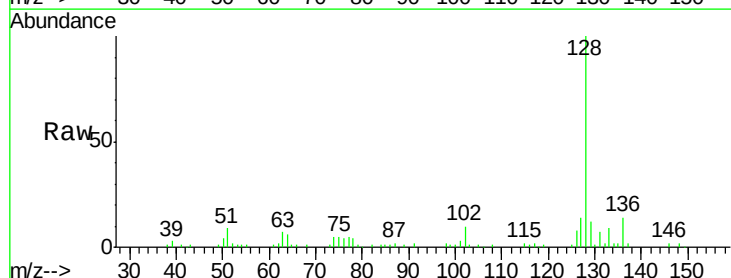
Instrument :
BNA_F
ClientSampleId :
B-929NCOMP

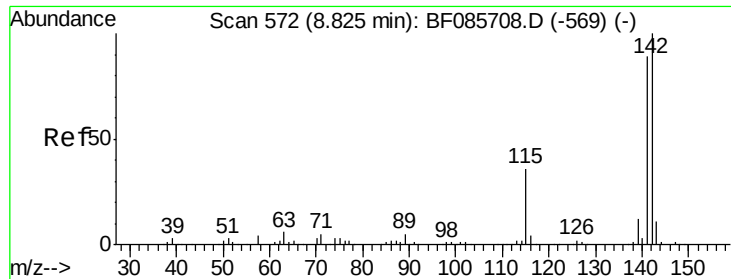
Tgt Ion:180 Resp: 36002
Ion Ratio Lower Upper
180 100
182 97.4 73.8 110.8
145 29.1 28.4 42.6



#31
Naphthalene
Concen: 4.41 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085832.D
Acq: 29 Mar 2016 5:41

Tgt Ion:128 Resp: 96664
Ion Ratio Lower Upper
128 100
129 12.2 9.4 14.0
127 13.6 11.0 16.6

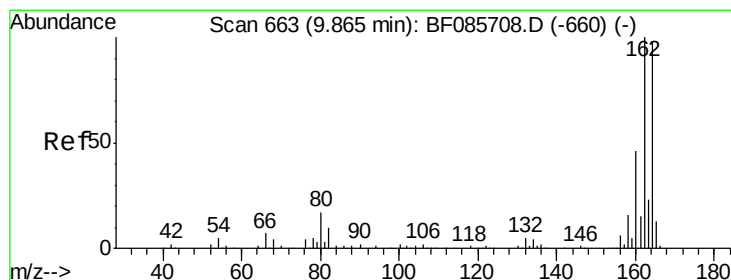
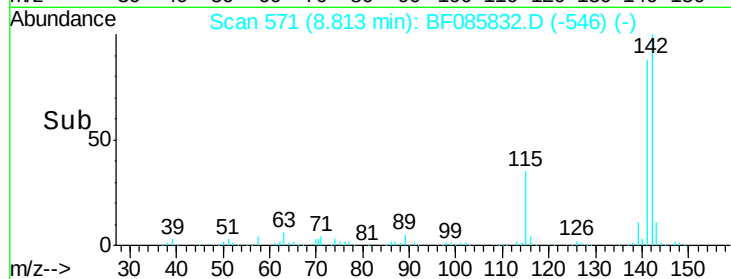
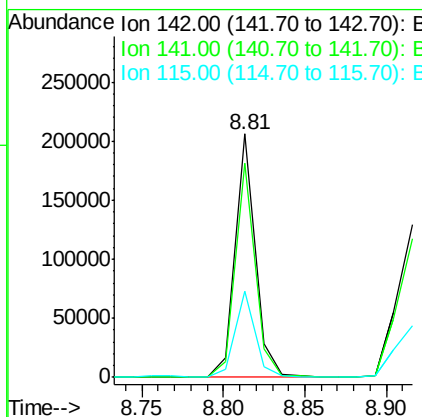
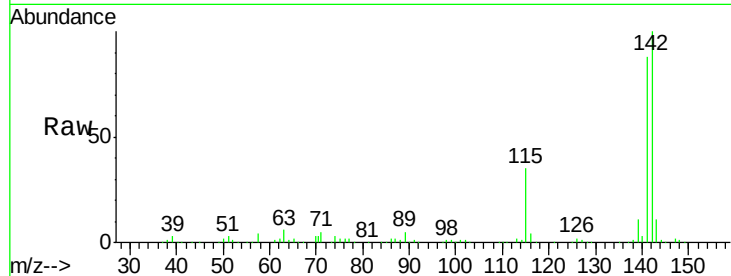




#37
 2-Methylnaphthalene
 Concen: 10.94 ng
 RT: 8.81 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF085832.D
 Acq: 29 Mar 2016 5:41

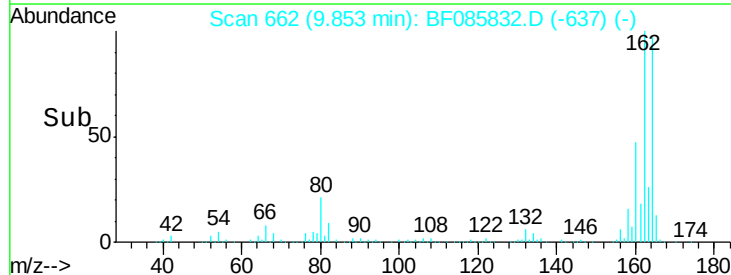
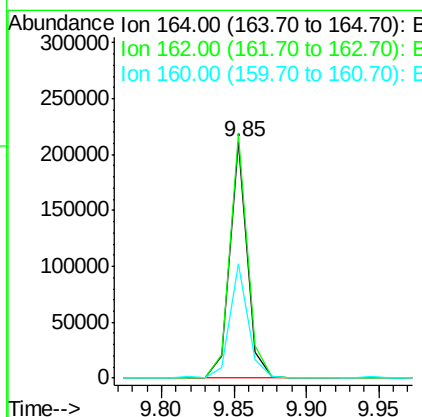
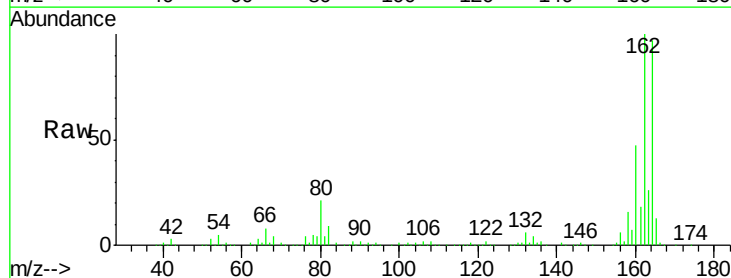
Instrument :
 BNA_F
 ClientSampleId :
 B-929NCOMP

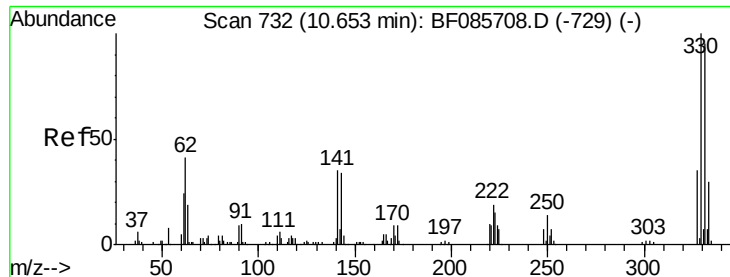
Tgt Ion:142 Resp: 175219
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.6 107.4
 115 35.3 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085832.D
 Acq: 29 Mar 2016 5:41

Tgt Ion:164 Resp: 176095
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.1 123.1
 160 48.2 37.4 56.2

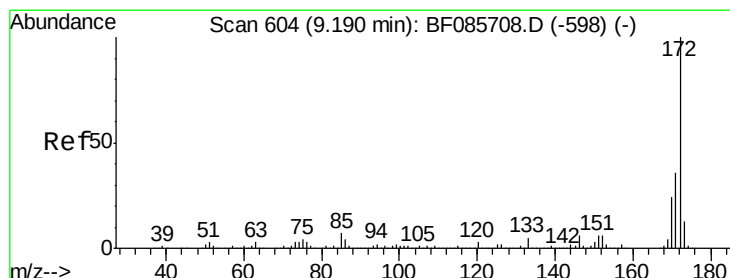
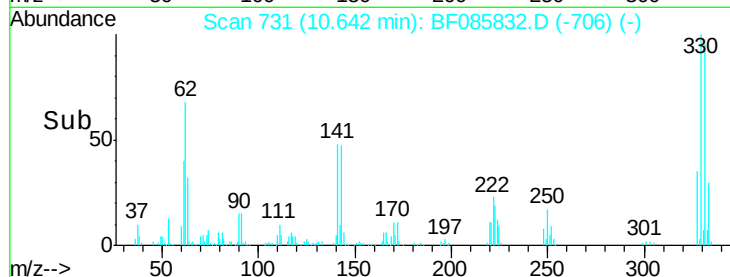
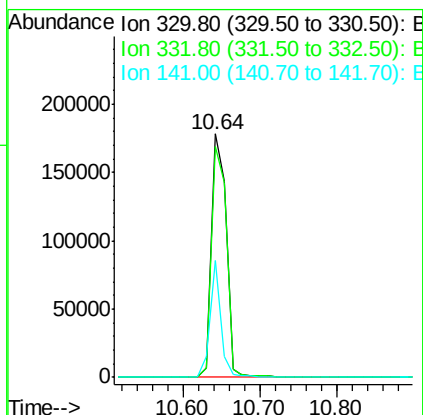
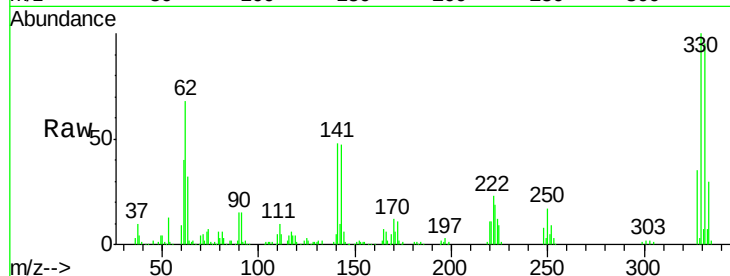




#41
 2,4,6-Tribromophenol
 Concen: 140.91 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085832.D
 Acq: 29 Mar 2016 5:41

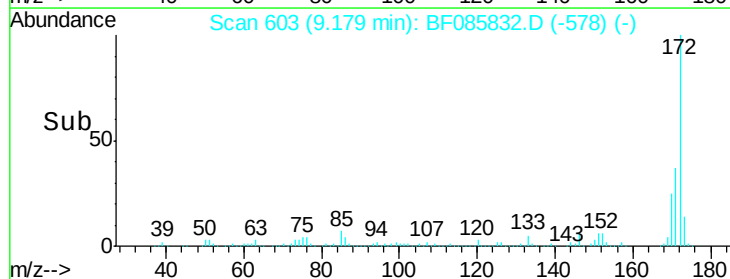
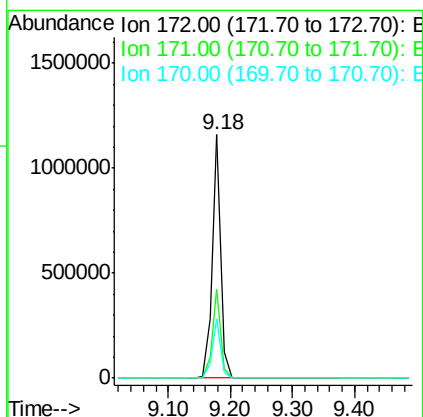
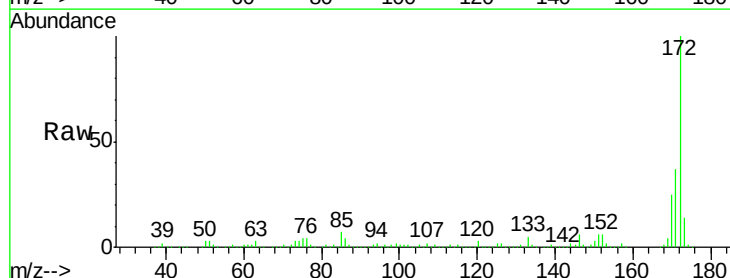
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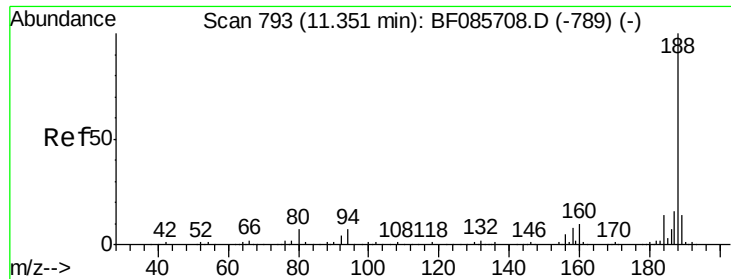
Tgt Ion:330 Resp: 235752
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.2 117.2
 141 36.3 31.5 47.3



#44
 2-Fluorobiphenyl
 Concen: 103.26 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085832.D
 Acq: 29 Mar 2016 5:41

Tgt Ion:172 Resp: 1088386
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.6 19.8 29.6

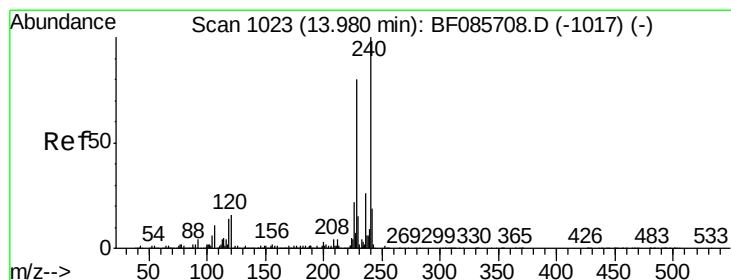
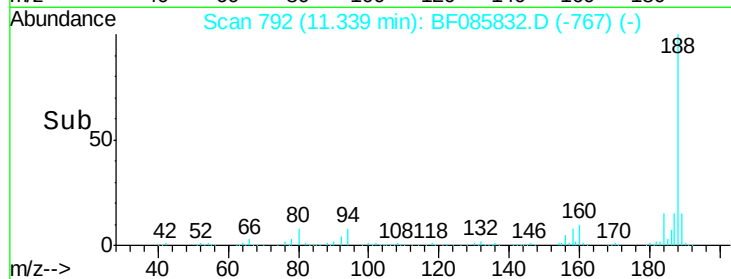
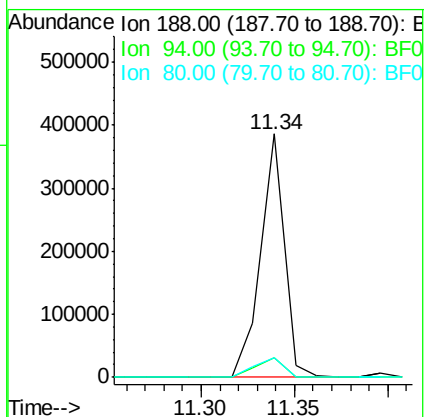
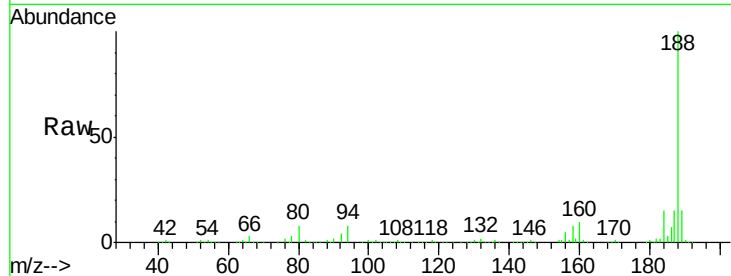




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085832.D
Acq: 29 Mar 2016 5:41

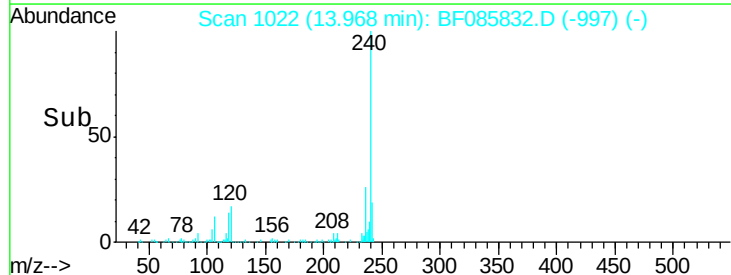
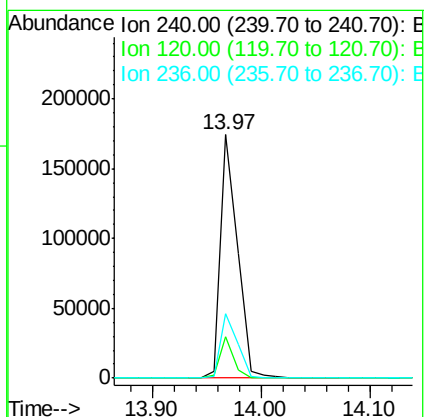
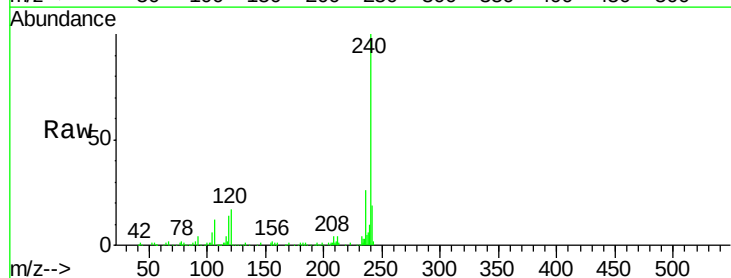
Instrument :
BNA_F
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B-929NCOMP

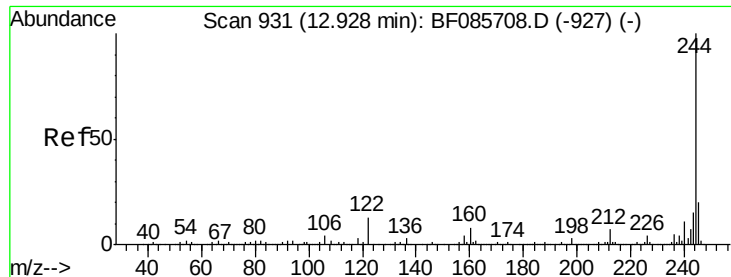
Tgt Ion:188 Resp: 339324
Ion Ratio Lower Upper
188 100
94 8.1 5.4 8.0#
80 8.3 5.5 8.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085832.D
Acq: 29 Mar 2016 5:41

Tgt Ion:240 Resp: 190554
Ion Ratio Lower Upper
240 100
120 16.8 13.8 20.8
236 26.3 20.6 30.8

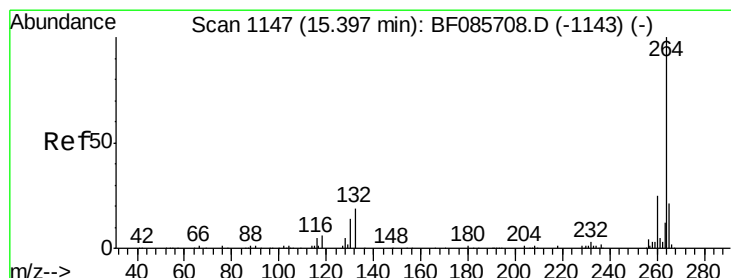
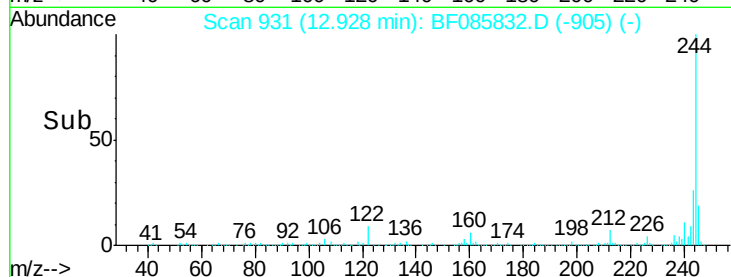
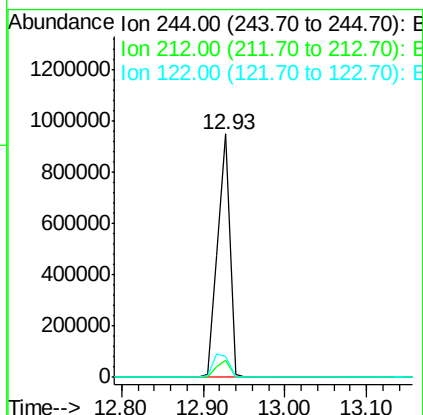
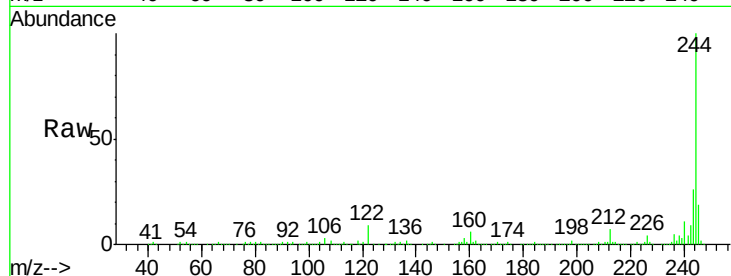




#78
 Terphenyl-d14
 Concen: 107.89 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085832.D
 Acq: 29 Mar 2016 5:41

Instrument :
 BNA_F
 ClientSampleId :
 B-929NCOMP

Tgt Ion:244 Resp: 999707
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 8.7 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF085832.D
 Acq: 29 Mar 2016 5:41

Tgt Ion:264 Resp: 117111
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.4 29.2
 265 21.5 17.2 25.8

