

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
 Data File : BF086510.D
 Acq On : 29 Apr 2016 23:49
 Operator : UM/SJ
 Sample : H2685-10 8X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-1(0-10FTBGS)

Quant Time: Apr 30 02:13:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	140925	20.00	ng	-0.03
21) Naphthalene-d8	8.06	136	619180	20.00	ng	-0.03
38) Acenaphthene-d10	9.81	164	245250	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	383346	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	315088	20.00	ng	-0.03
86) Perylene-d12	15.33	264	228888	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	100613	12.31	ng	-0.02
7) Phenol-d6	6.41	99	137533	12.06	ng	-0.03
23) Nitrobenzene-d5	7.34	82	78531	6.84	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	21397	8.27	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	156284	3.77	ng	-0.03
78) Terphenyl-d14	12.88	244	95280	6.66	ng	-0.03

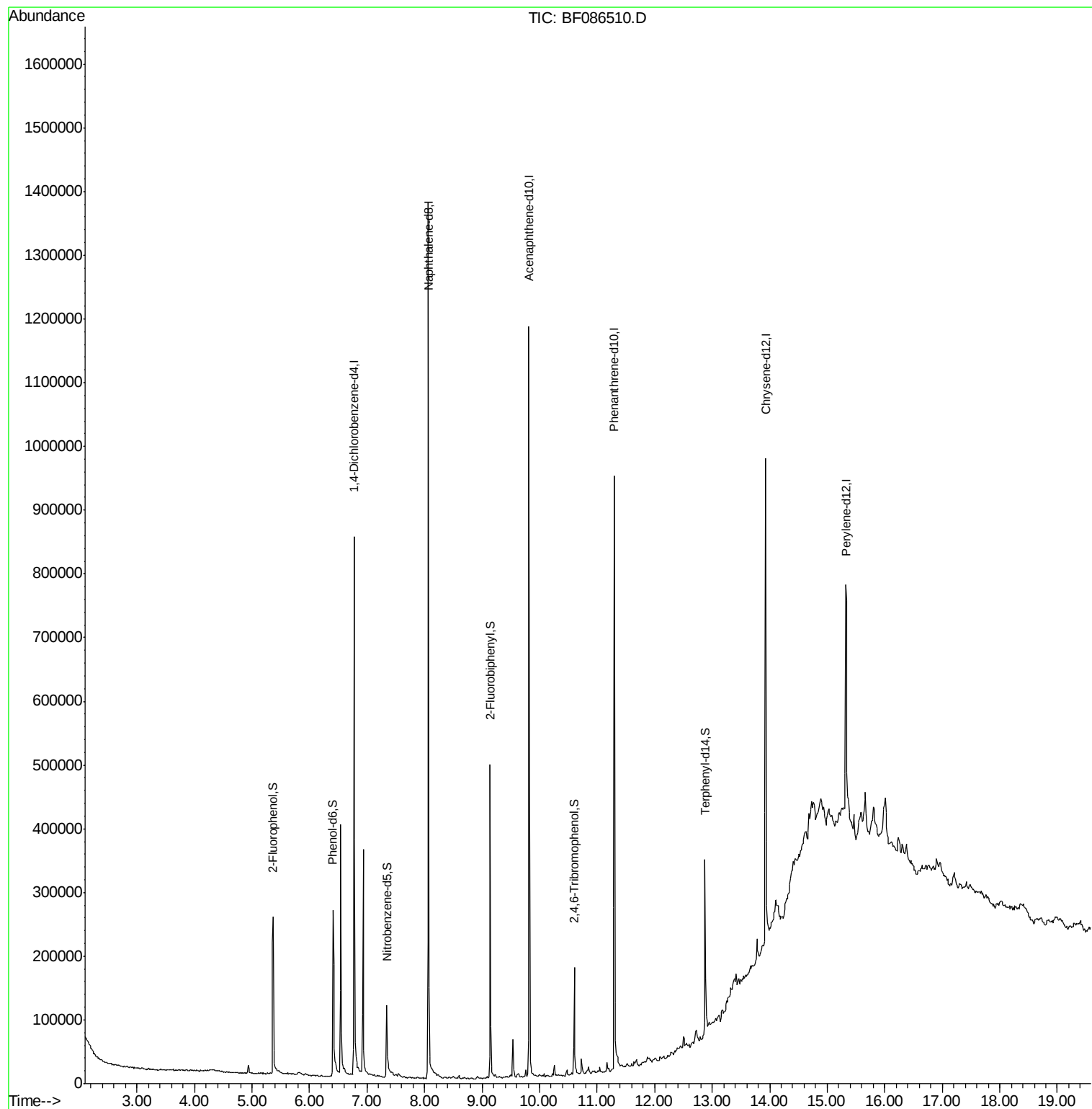
Target Compounds Qvalue

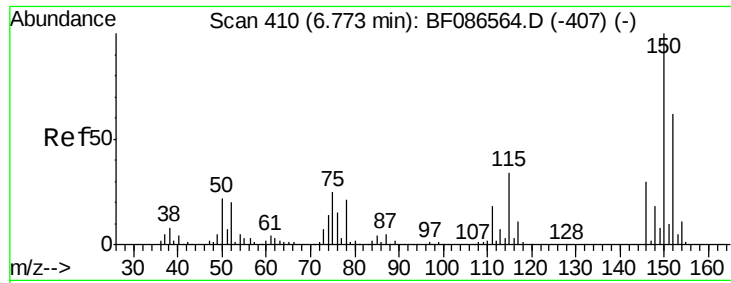
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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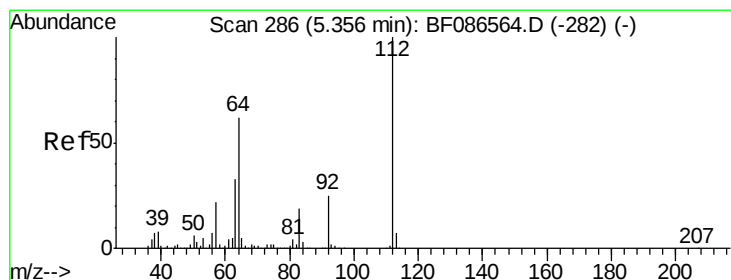
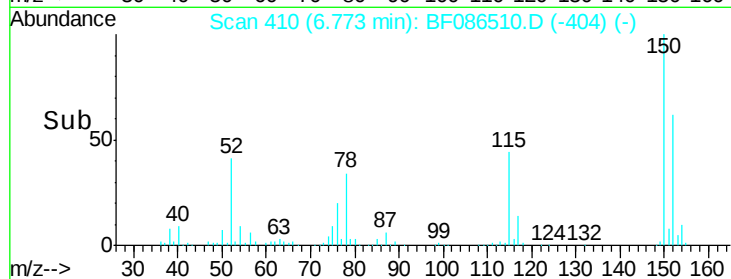
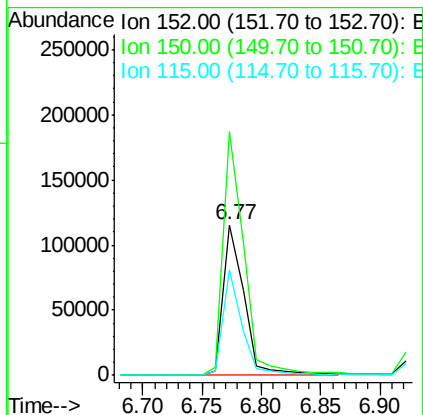
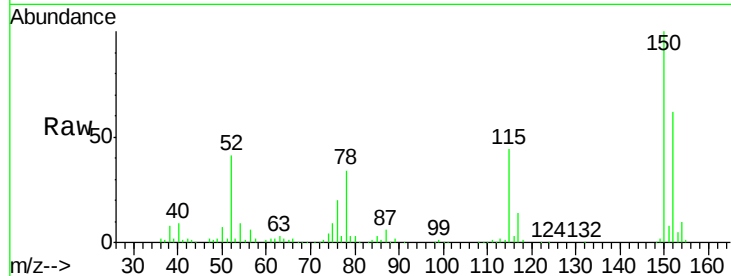


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.03 min
Lab File: BF086510.D
Acq: 29 Apr 2016 23:49

Instrument :
BNA_F
ClientSampleId :
26WARD-2B-CS-1(0-10FTBGS)

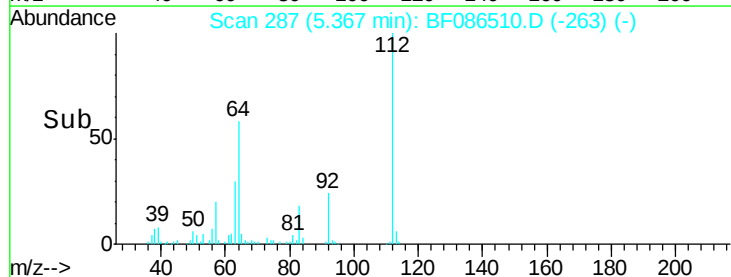
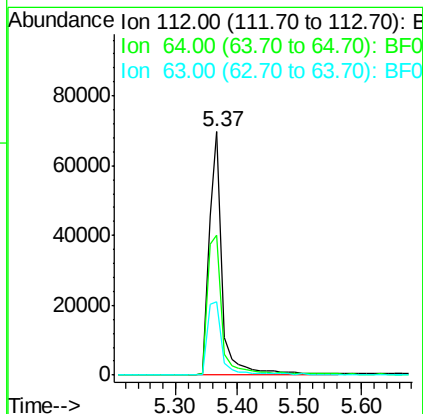
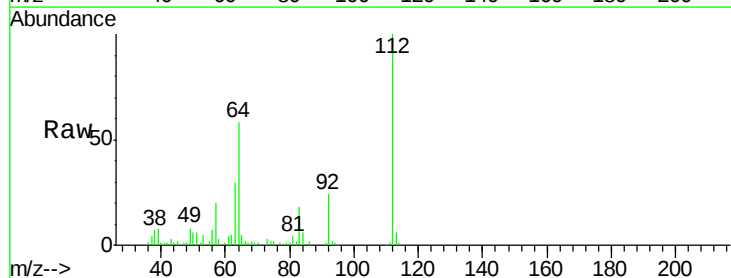
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	125.8	188.6
115	70.3	51.5	77.3



#5

2-Fluorophenol
Concen: 12.31 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF086510.D
Acq: 29 Apr 2016 23:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	52.1	78.1
63	29.9	25.7	38.5





#7

Phenol-d6

Concen: 12.06 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086510.D

Acq: 29 Apr 2016 23:49

Instrument :

BNA_F

ClientSampleId :

26WARD-2B-CS-1(0-10FTBGS)

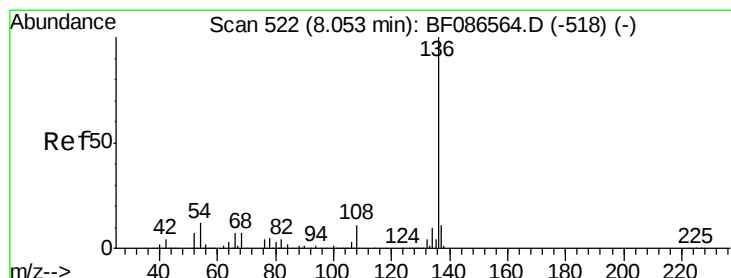
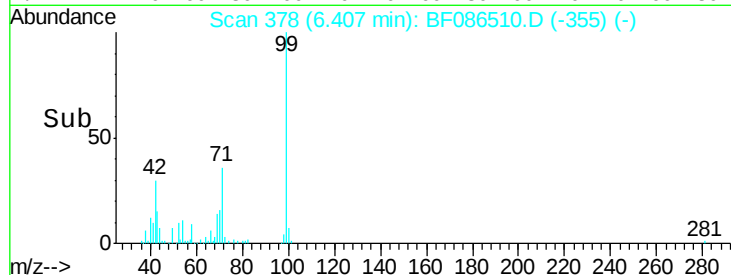
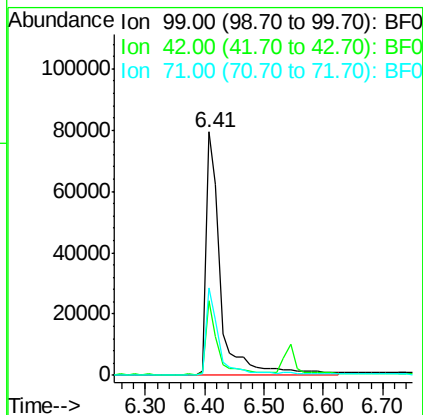
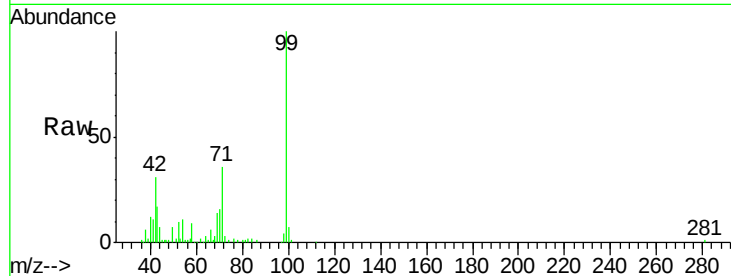
Tot Ion: 99 Resp: 137533

Ion Ratio Lower Upper

99 100

42 30.7 13.6 20.4#

71 36.1 24.6 36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF086510.D

Acq: 29 Apr 2016 23:49

Tgt Ion: 136 Resp: 619180

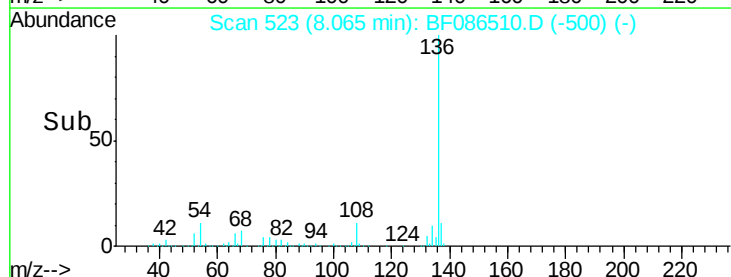
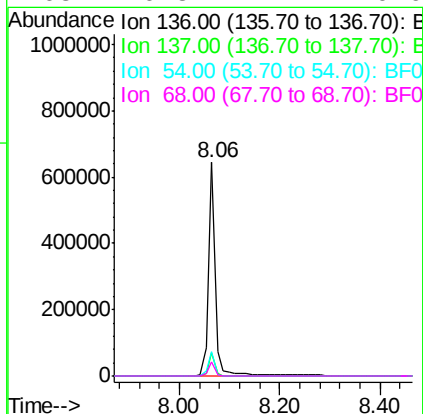
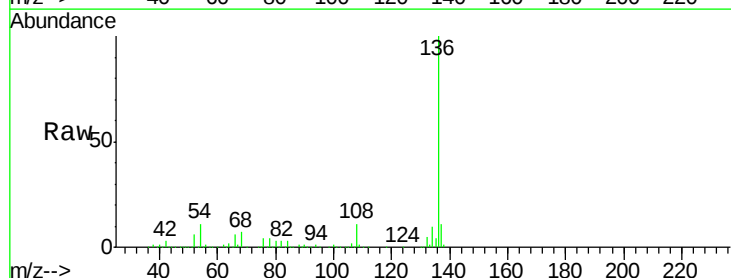
Ion Ratio Lower Upper

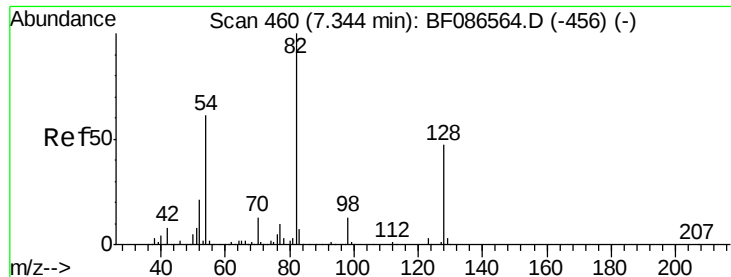
136 100

137 11.0 8.8 13.2

54 11.3 5.0 7.4#

68 6.8 4.4 6.6#

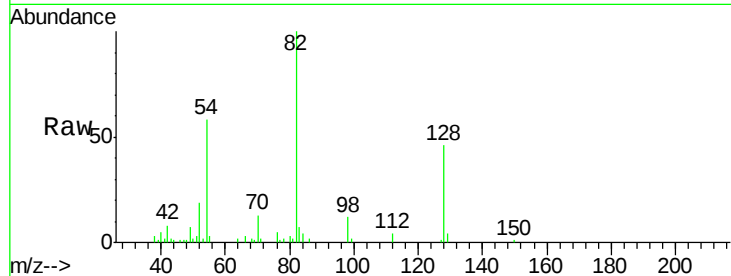




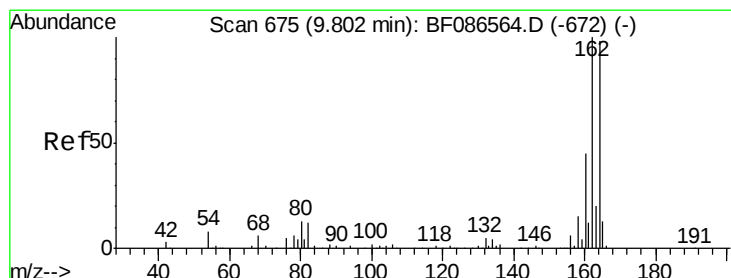
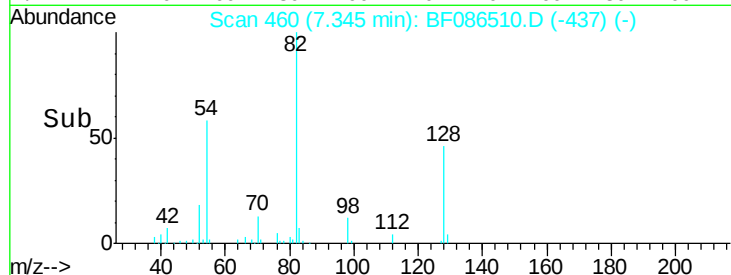
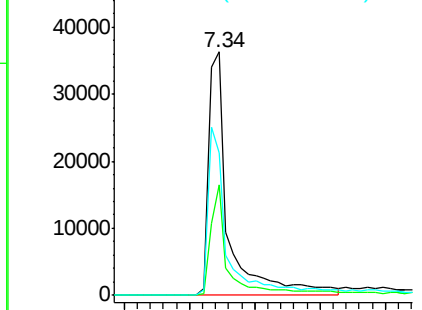
#23
 Nitrobenzene-d5
 Concen: 6.84 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF086510.D
 Acq: 29 Apr 2016 23:49

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-1(0-10FTBGS)

Tot Ion	82	Resp	78531
Ion Ratio	100	Lower	Upper
128	45.6	40.6	61.0
54	58.4	38.1	57.1#

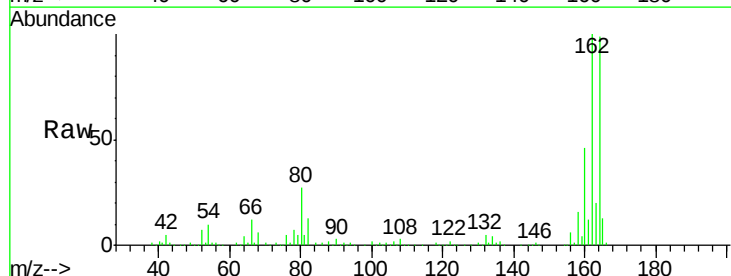


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

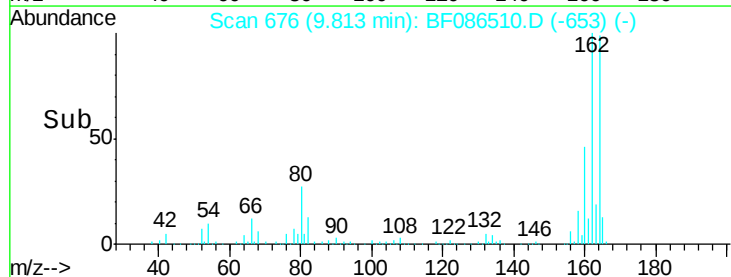
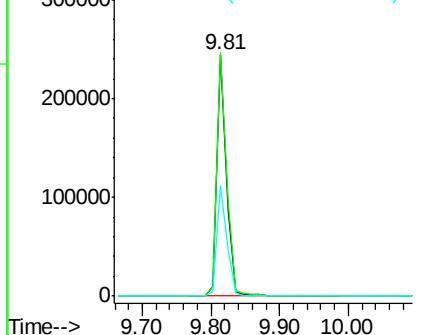


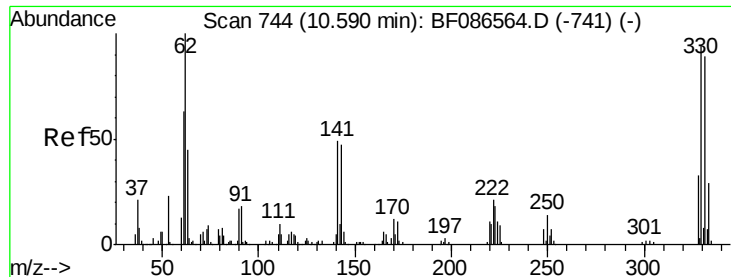
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.03 min
 Lab File: BF086510.D
 Acq: 29 Apr 2016 23:49

Tgt Ion	164	Resp	245250
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	100.8	82.8	124.2
160	45.9	36.9	55.3



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

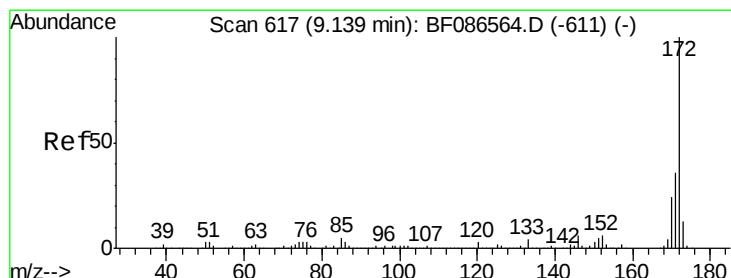
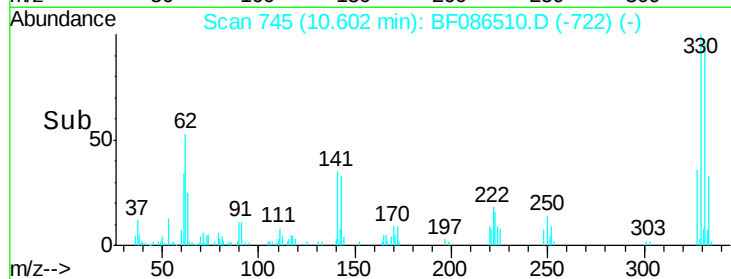
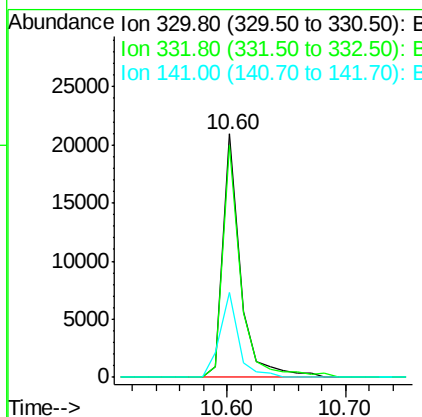
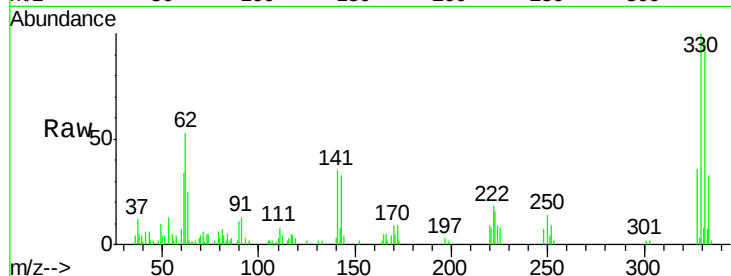




#41
 2,4,6-Tribromophenol
 Concen: 8.27 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF086510.D
 Acq: 29 Apr 2016 23:49

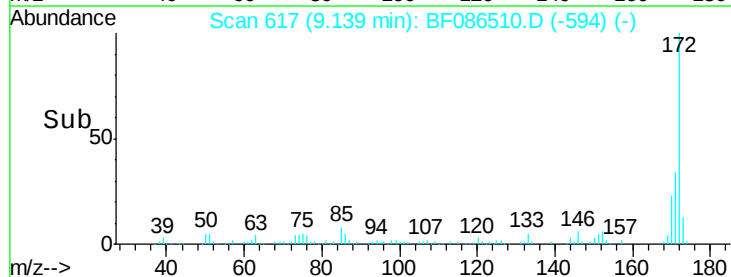
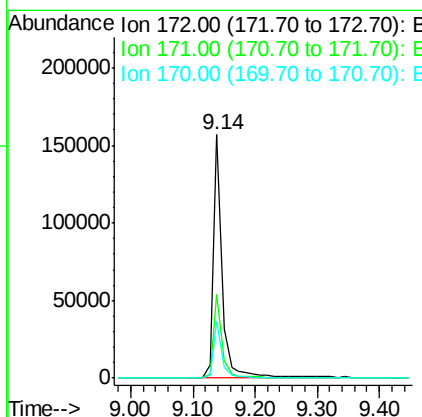
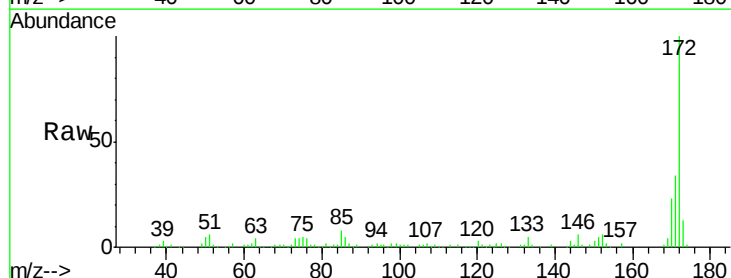
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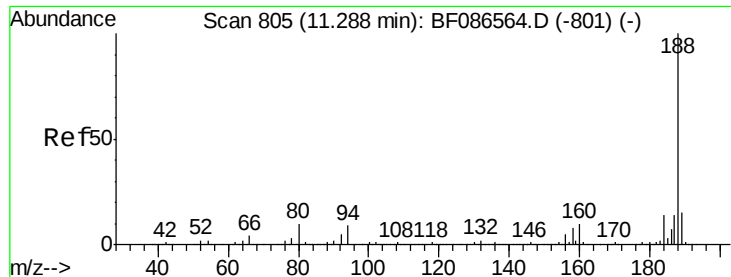
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	36.7	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 3.77 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086510.D
 Acq: 29 Apr 2016 23:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.0	43.6
170	23.3	19.8	29.8

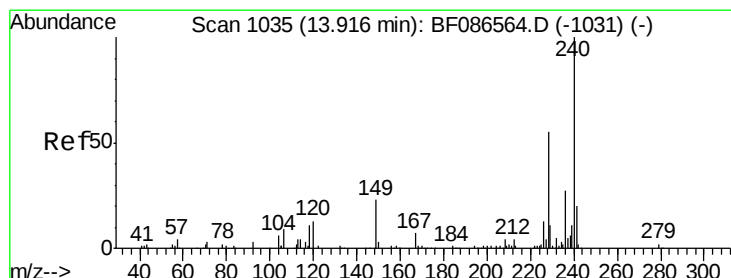
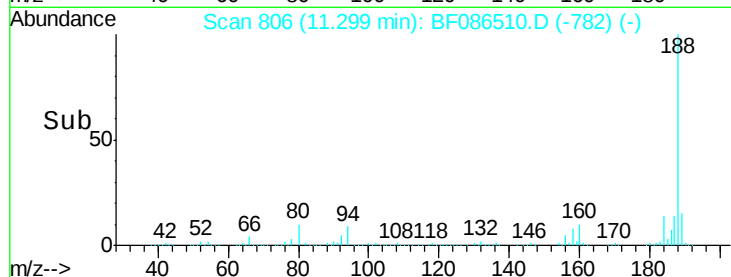
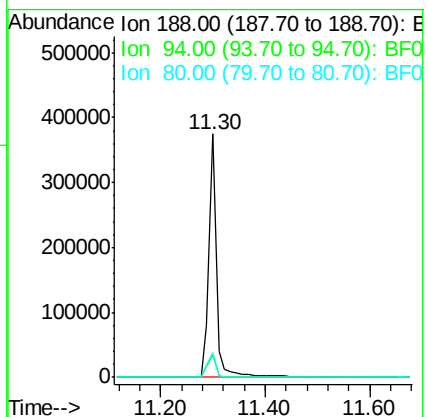
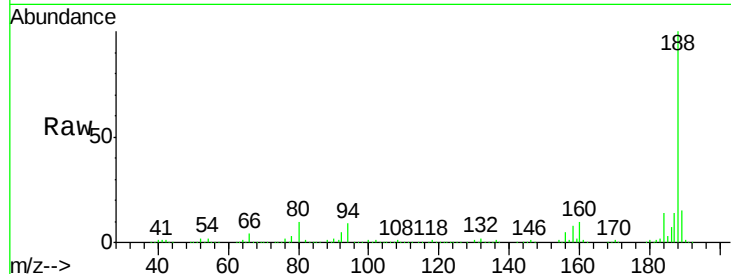




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF086510.D
Acq: 29 Apr 2016 23:49

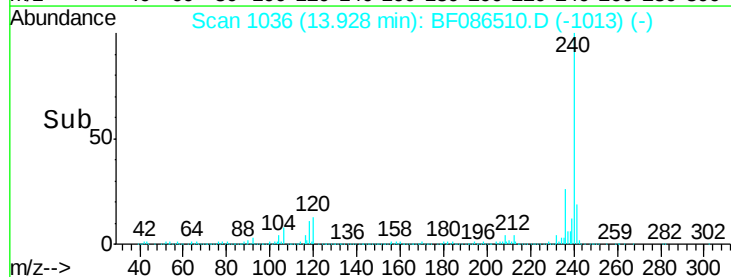
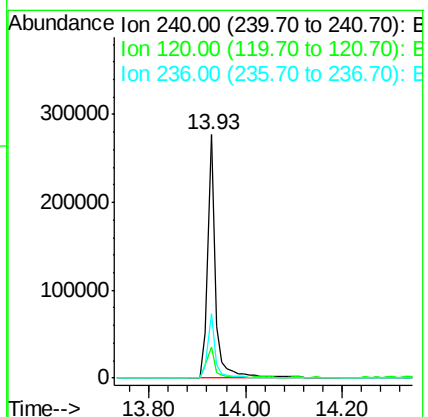
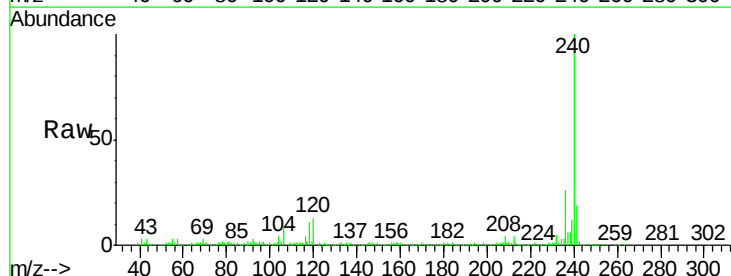
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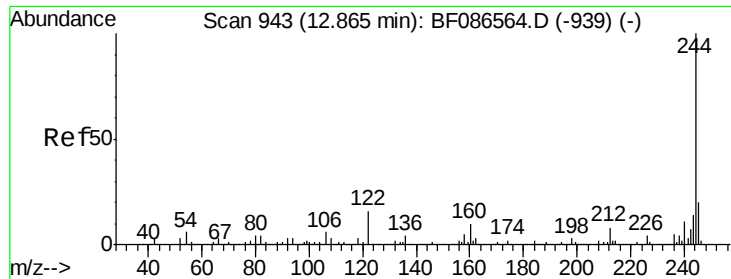
Tot Ion:188 Resp: 383346
Ion Ratio Lower Upper
188 100
94 9.3 6.8 10.2
80 10.0 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF086510.D
Acq: 29 Apr 2016 23:49

Tgt Ion:240 Resp: 315088
Ion Ratio Lower Upper
240 100
120 12.9 11.2 16.8
236 26.3 21.2 31.8

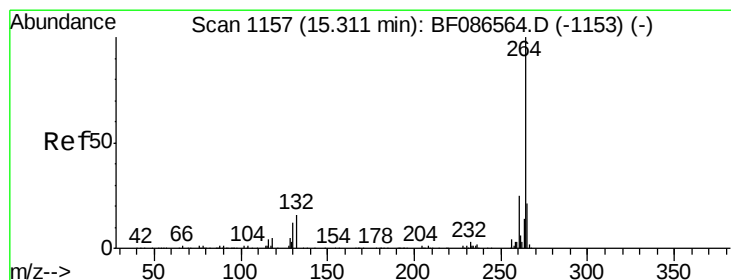
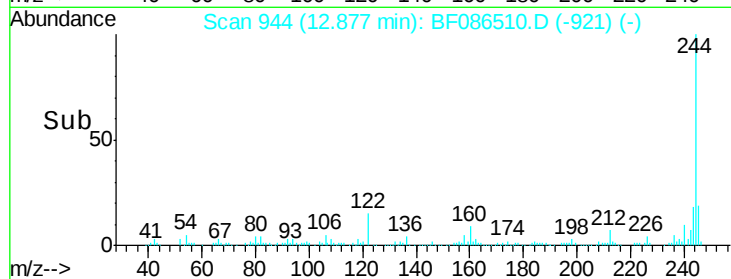
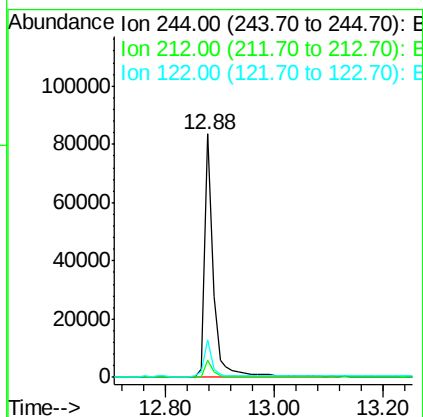
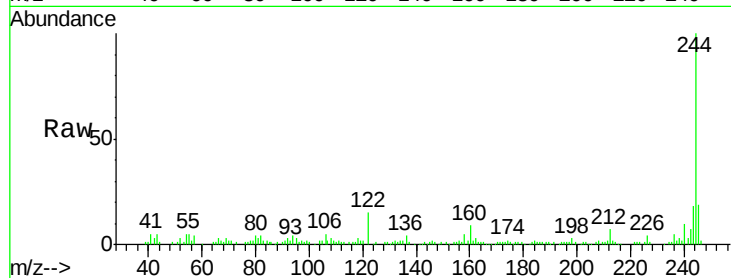




#78
 Terphenyl-d14
 Concen: 6.66 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF086510.D
 Acq: 29 Apr 2016 23:49

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2B-CS-1(0-10FTBGS)

Tot Ion:244 Resp: 95280
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 15.2 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. -0.02 min
 Lab File: BF086510.D
 Acq: 29 Apr 2016 23:49

Tgt Ion:264 Resp: 228888
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.6 17.3 25.9

