

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
 Data File : BF085774.D
 Acq On : 25 Mar 2016 21:14
 Operator : UM/SJ
 Sample : H1855-10
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6A

Quant Time: Mar 25 21:55:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

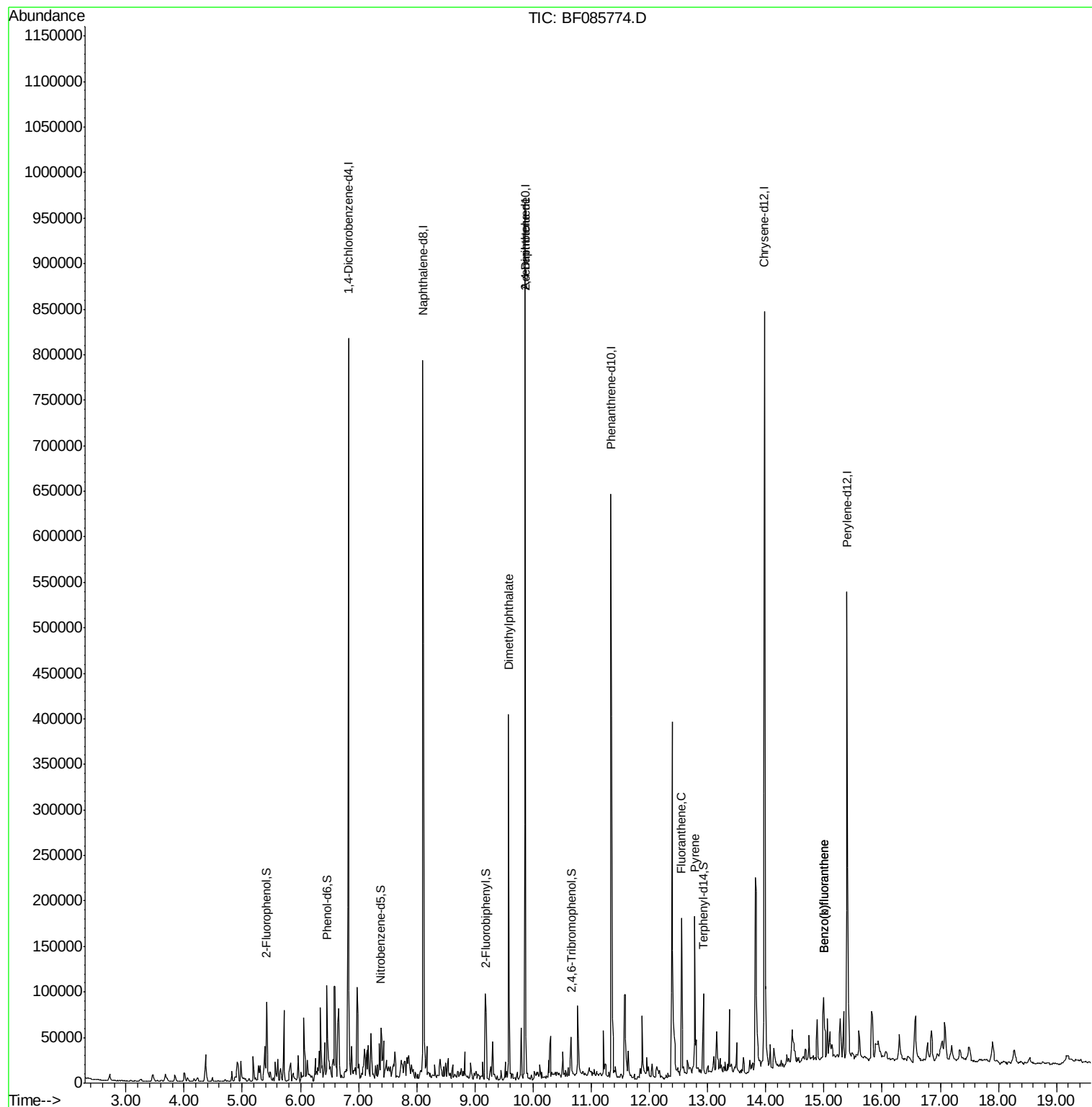
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	123693	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	444492	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	189762	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	293498	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	268611	20.00	ng	0.00
86) Perylene-d12	15.40	264	223851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	34761	4.68	ng	0.01
7) Phenol-d6	6.46	99	46608	4.94	ng	0.00
23) Nitrobenzene-d5	7.38	82	25528	3.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	5773	3.20	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	41086	3.62	ng	0.00
78) Terphenyl-d14	12.93	244	29957	2.29	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.82	142	7986	Below Cal		98
49) Dimethylphthalate	9.58	163	143815	9.99 ng		100
56) 2,4-Dinitrotoluene	9.86	165	24049	6.11 ng	#	37
74) Fluoranthene	12.55	202	69377	4.33 ng		96
77) Pyrene	12.78	202	65050	2.95 ng		99
87) Benzo(b)fluoranthene	15.00	252	50723	3.60 ng		99
88) Benzo(k)fluoranthene	15.00	252	50723	3.99 ng	#	98

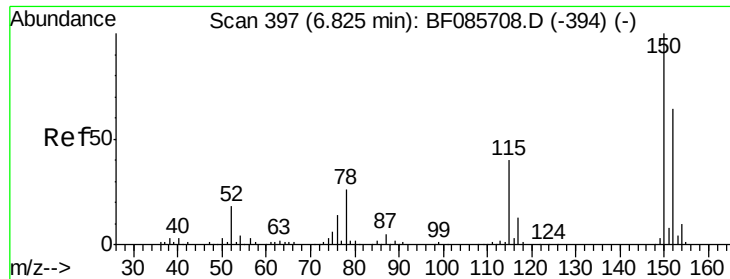
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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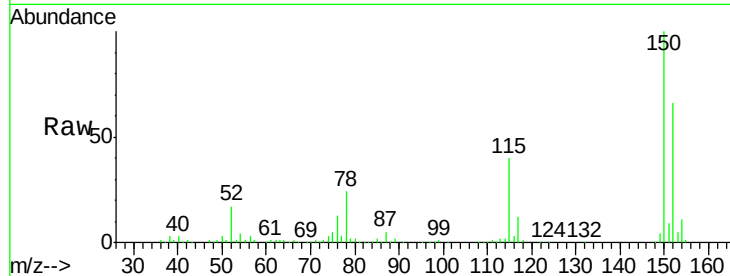


#1

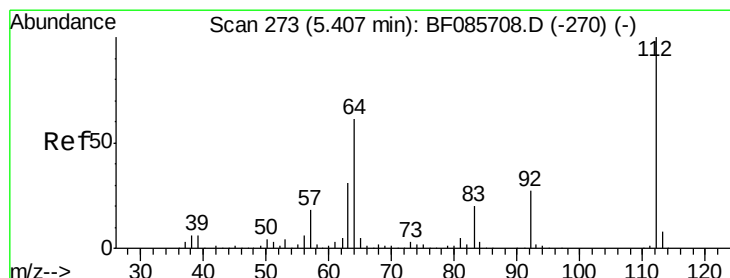
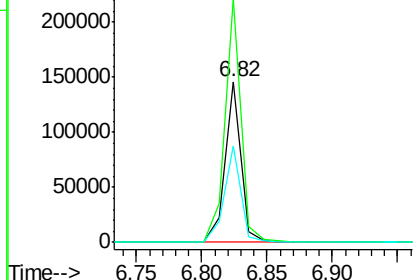
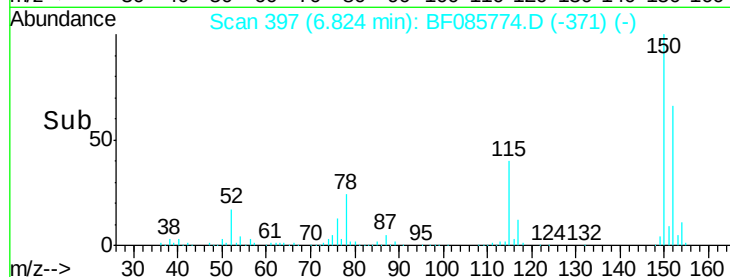
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085774.D
Acq: 25 Mar 2016 21:14

Instrument :
BNA_F
ClientSampleId :
SB-6A

Tgt Ion:152 Resp: 123693
Ion Ratio Lower Upper
152 100
150 151.8 124.2 186.2
115 60.1 47.0 70.6



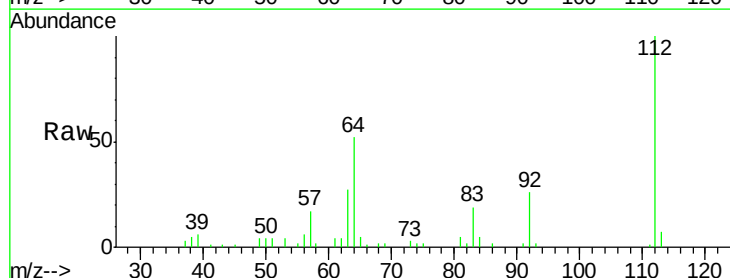
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



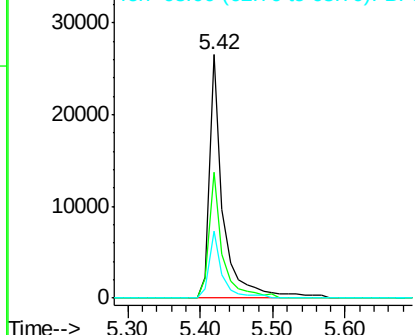
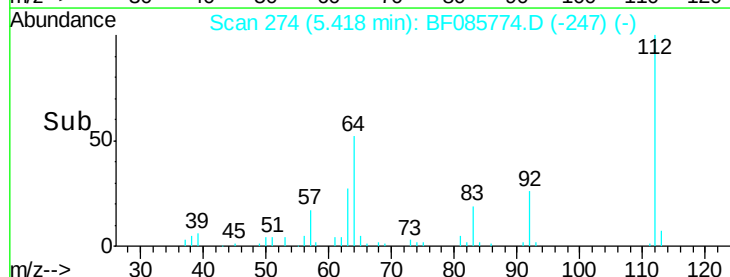
#5

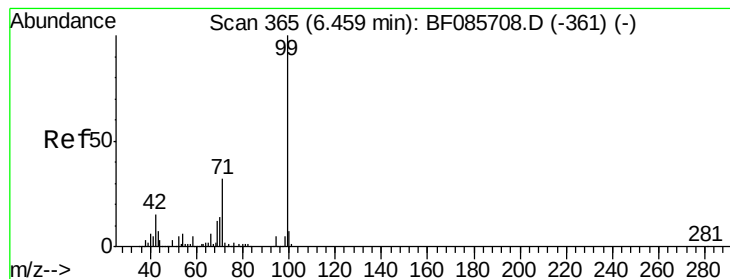
2-Fluorophenol
Concen: 4.68 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085774.D
Acq: 25 Mar 2016 21:14

Tgt Ion:112 Resp: 34761
Ion Ratio Lower Upper
112 100
64 51.6 39.9 59.9
63 27.3 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: 4.94 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085774.D

Acq: 25 Mar 2016 21:14

Instrument :

BNA_F

ClientSampled :

SB-6A

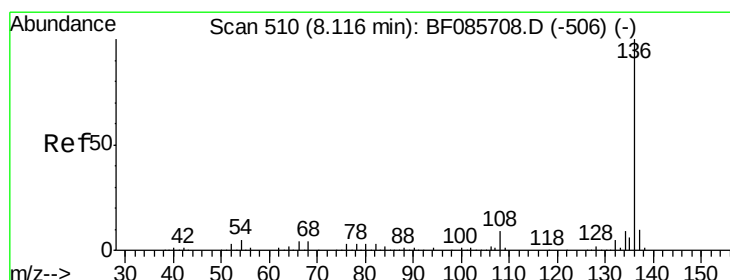
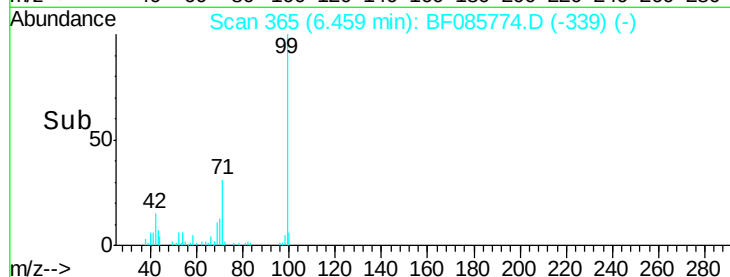
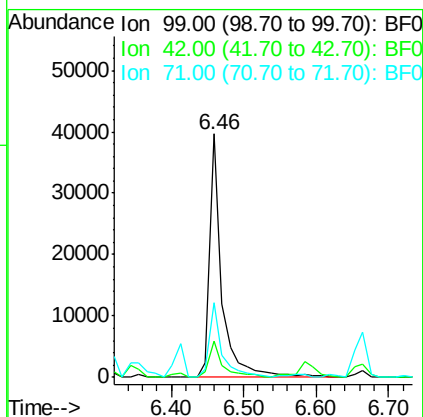
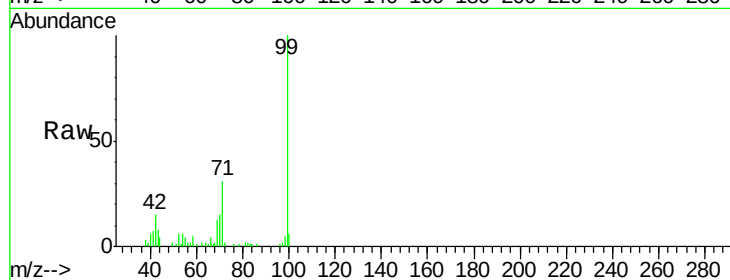
Tgt Ion: 99 Resp: 46608

Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

71 30.7 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085774.D

Acq: 25 Mar 2016 21:14

Tgt Ion: 136 Resp: 444492

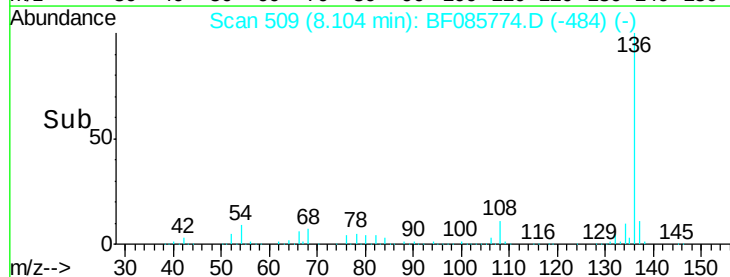
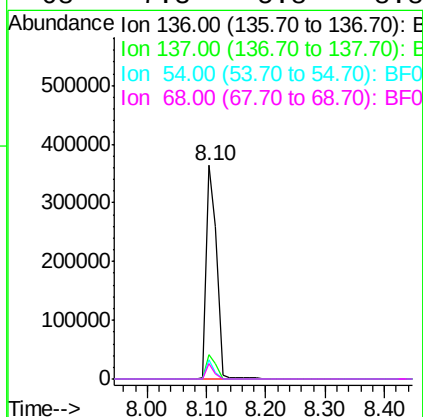
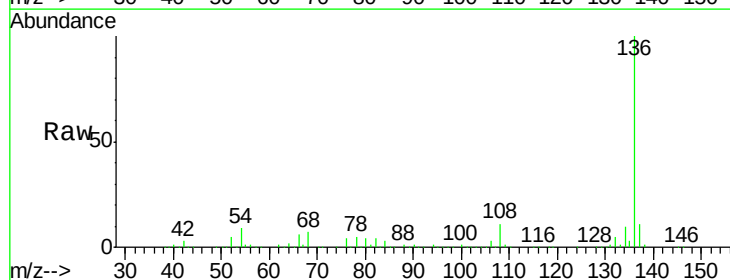
Ion Ratio Lower Upper

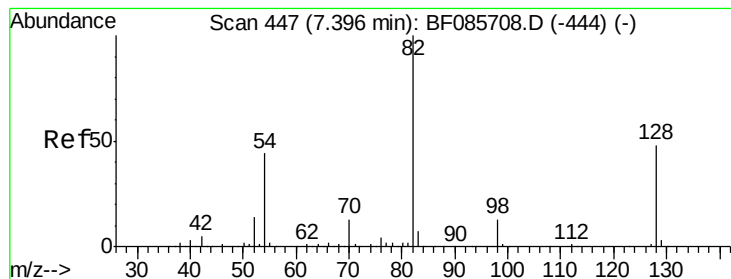
136 100

137 11.1 9.1 13.7

54 9.2 7.4 11.0

68 7.3 5.8 8.8





#23

Nitrobenzene-d5

Concen: 3.23 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085774.D

Acq: 25 Mar 2016 21:14

Instrument :

BNA_F

ClientSampled :

SB-6A

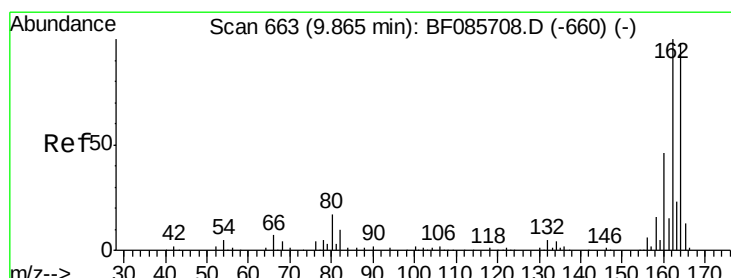
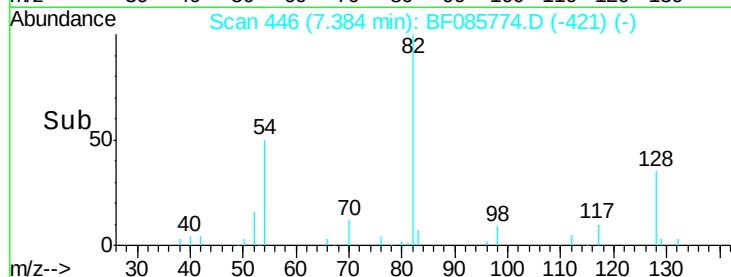
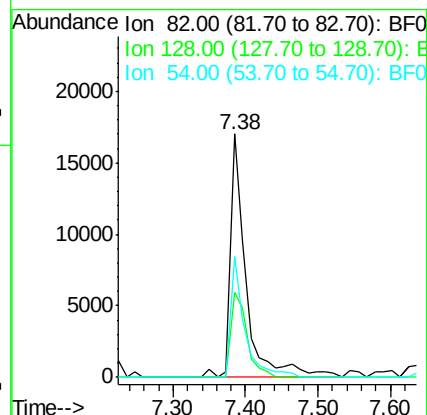
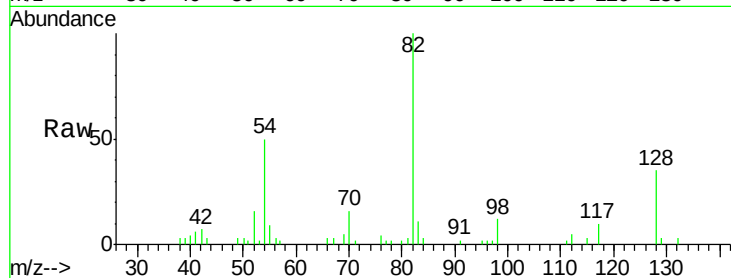
Tgt Ion: 82 Resp: 25528

Ion Ratio Lower Upper

82 100

128 34.8 41.8 62.8#

54 49.6 33.4 50.0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085774.D

Acq: 25 Mar 2016 21:14

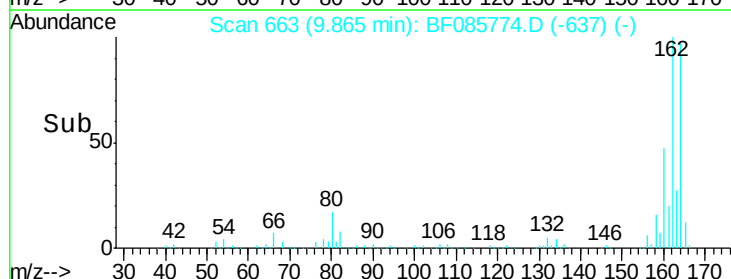
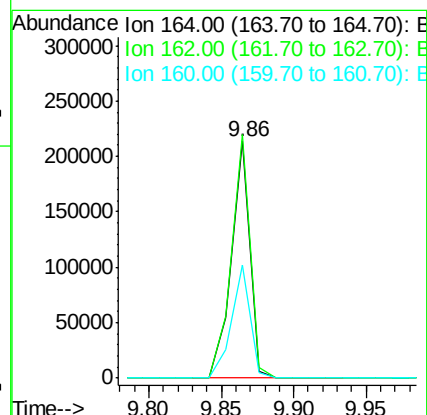
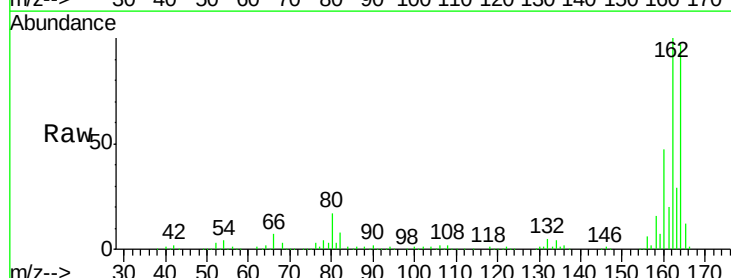
Tgt Ion: 164 Resp: 189762

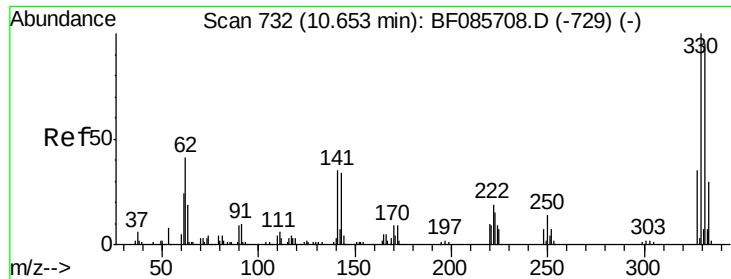
Ion Ratio Lower Upper

164 100

162 102.8 82.1 123.1

160 47.9 37.4 56.2

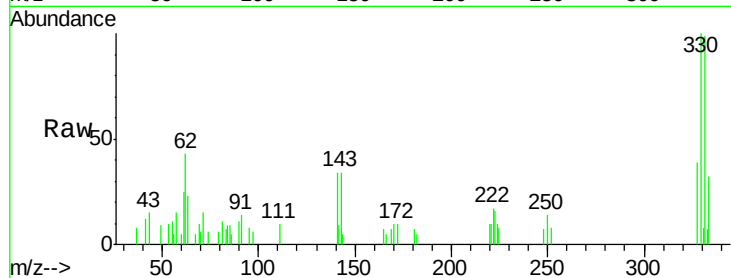




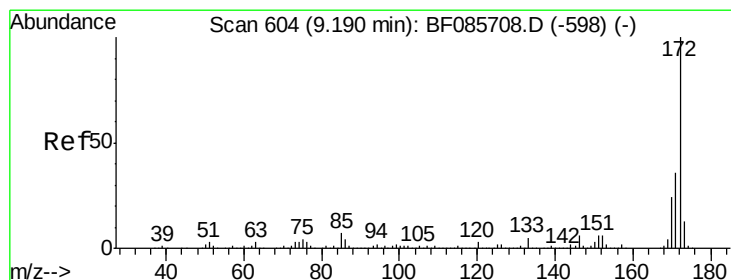
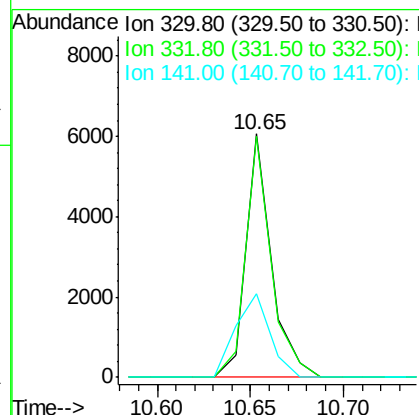
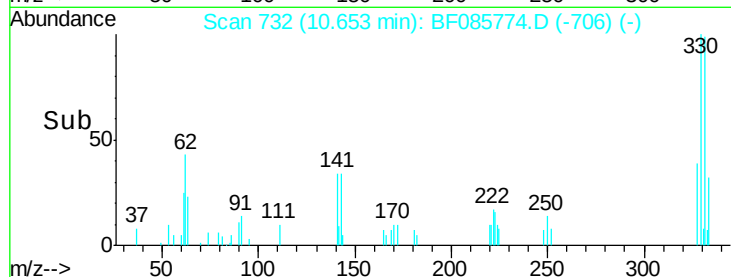
#41
 2,4,6-Tribromophenol
 Concen: 3.20 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085774.D
 Acq: 25 Mar 2016 21:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-6A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.8	78.2	117.2
141	46.4	31.5	47.3

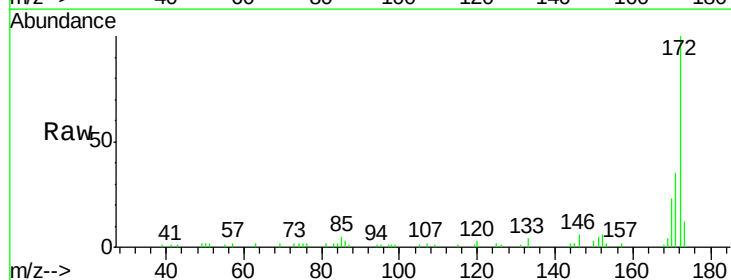


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

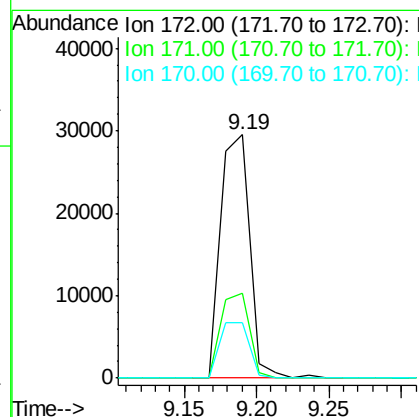
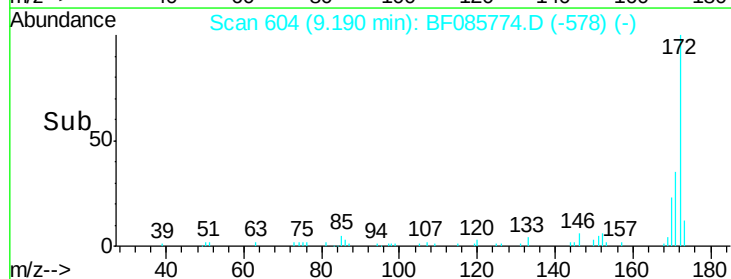


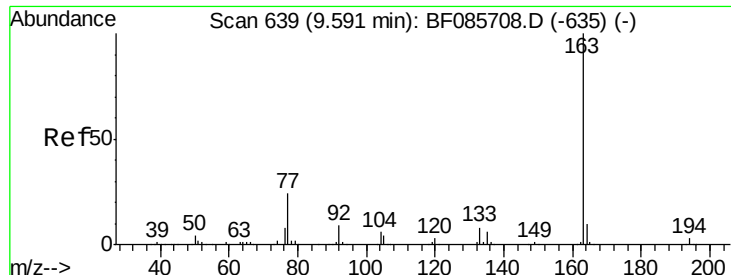
#44
 2-Fluorobiphenyl
 Concen: 3.62 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085774.D
 Acq: 25 Mar 2016 21:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.4	44.2
170	23.0	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

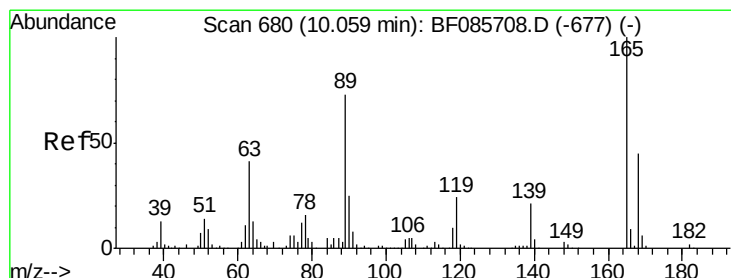
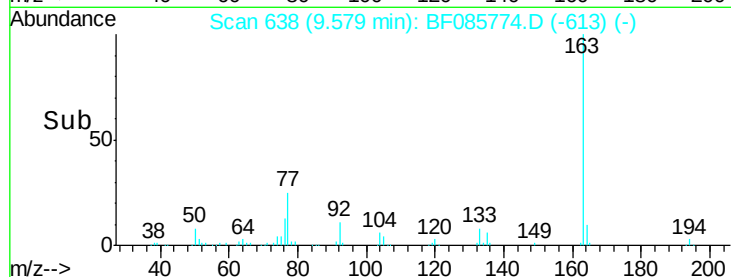
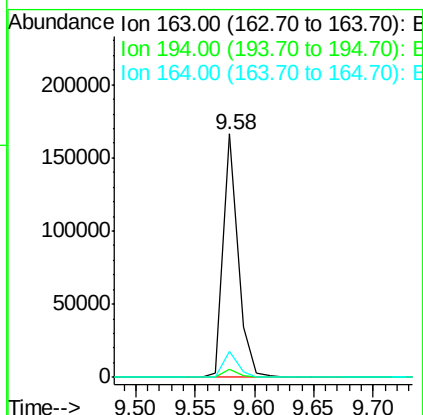
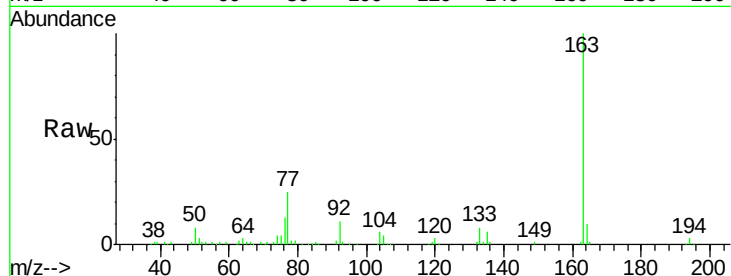




#49
Dimethylphthalate
Concen: 9.99 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085774.D
Acq: 25 Mar 2016 21:14

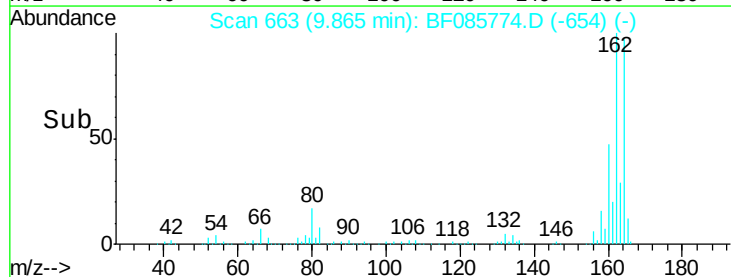
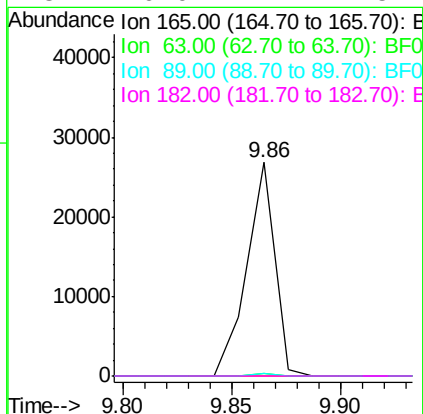
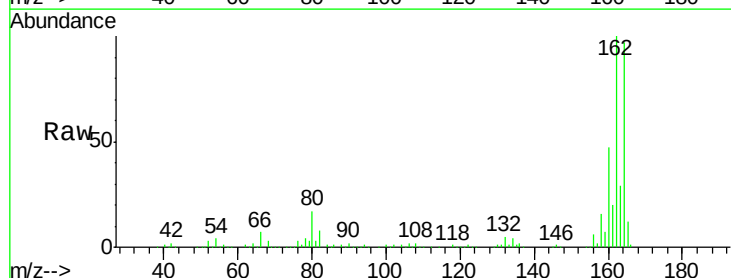
Instrument :
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ClientSampleId :
SB-6A

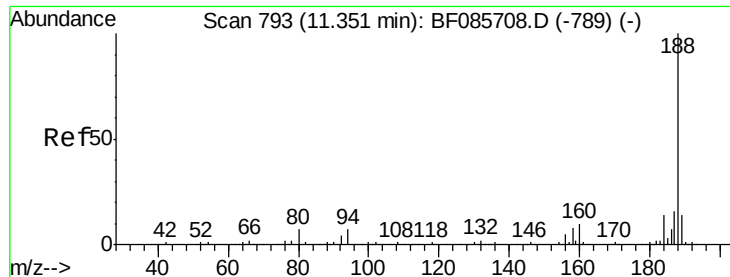
Tgt Ion:163 Resp: 143815
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.4 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.19 min
Lab File: BF085774.D
Acq: 25 Mar 2016 21:14

Tgt Ion:165 Resp: 24049
Ion Ratio Lower Upper
165 100
63 1.4 24.9 37.3#
89 1.5 41.0 61.6#
182 0.0 2.1 3.1#

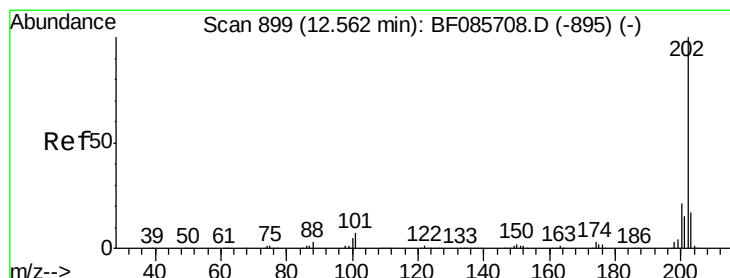
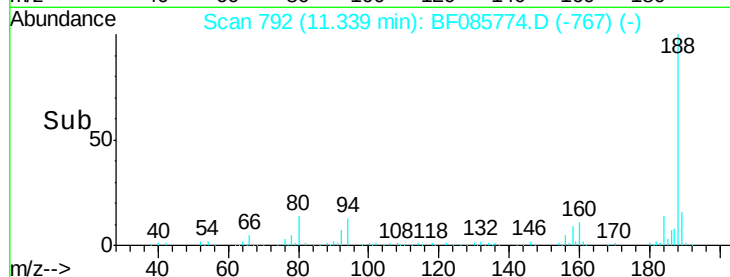
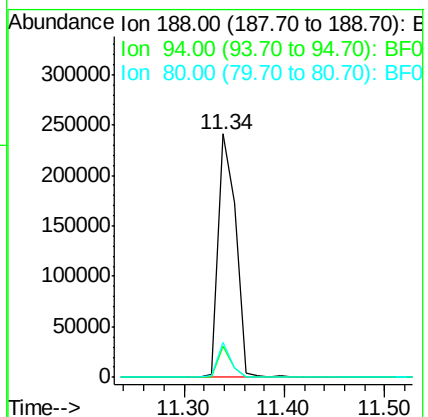
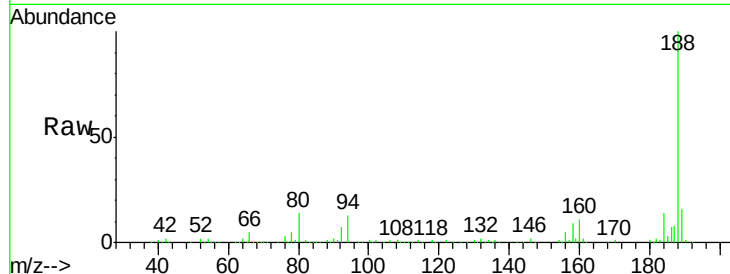




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085774.D
Acq: 25 Mar 2016 21:14

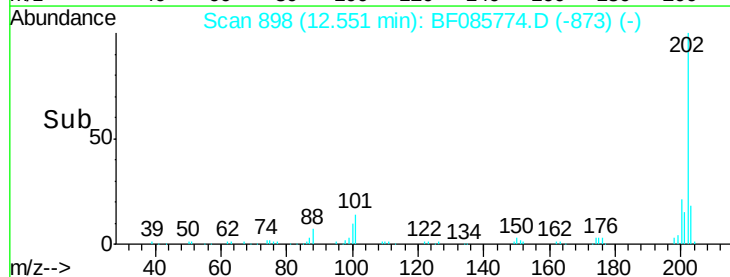
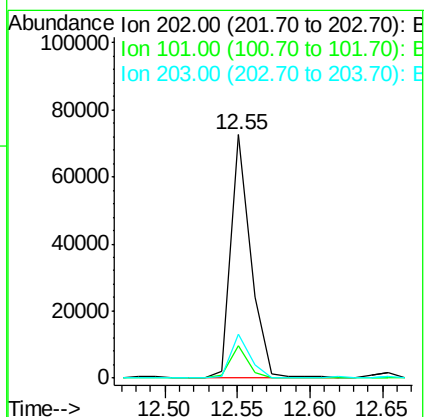
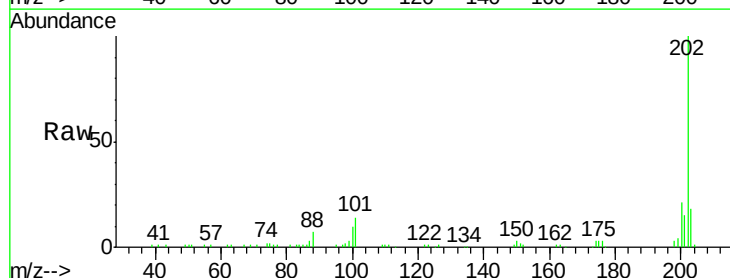
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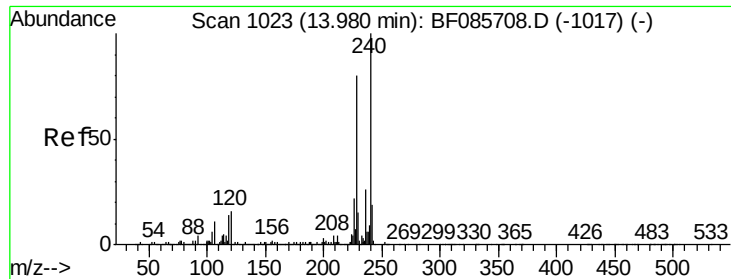
Tgt Ion:188 Resp: 293498
Ion Ratio Lower Upper
188 100
94 13.0 5.4 8.0#
80 14.2 5.5 8.3#



#74
Fluoranthene
Concen: 4.33 ng
RT: 12.55 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF085774.D
Acq: 25 Mar 2016 21:14

Tgt Ion:202 Resp: 69377
Ion Ratio Lower Upper
202 100
101 13.5 0.0 36.6
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085774.D

Acq: 25 Mar 2016 21:14

Instrument :

BNA_F

ClientSampleId :

SB-6A

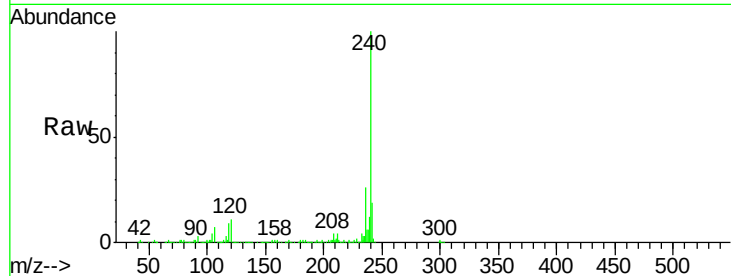
Tgt Ion:240 Resp: 268611

Ion Ratio Lower Upper

240 100

120 10.9 13.8 20.8#

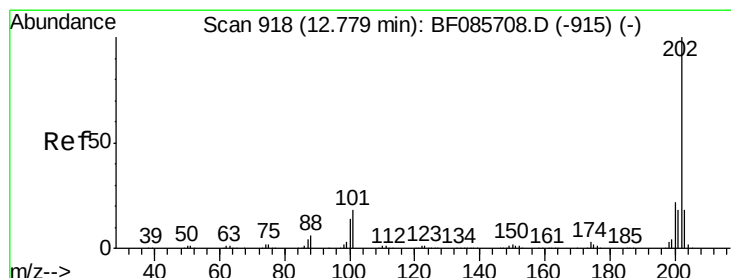
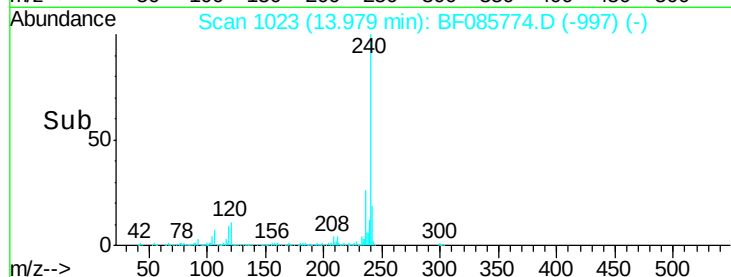
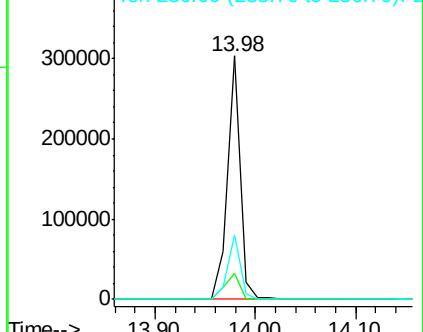
236 26.4 20.6 30.8



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



#77

Pyrene

Concen: 2.95 ng

RT: 12.78 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF085774.D

Acq: 25 Mar 2016 21:14

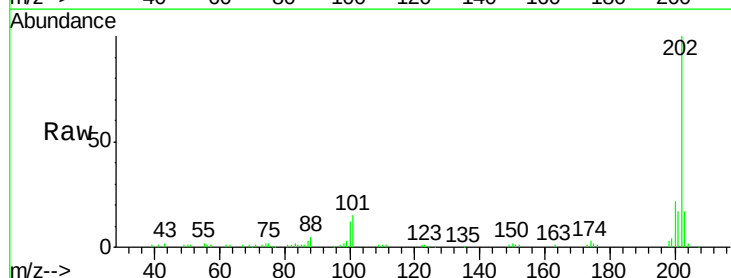
Tgt Ion:202 Resp: 65050

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

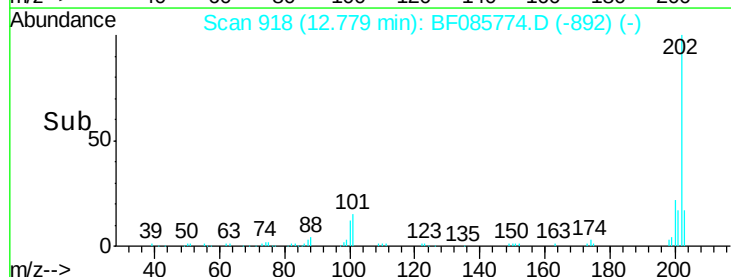
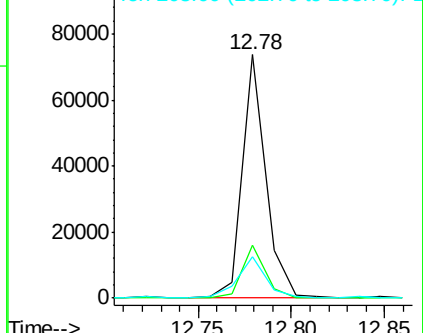
203 17.0 14.0 21.0

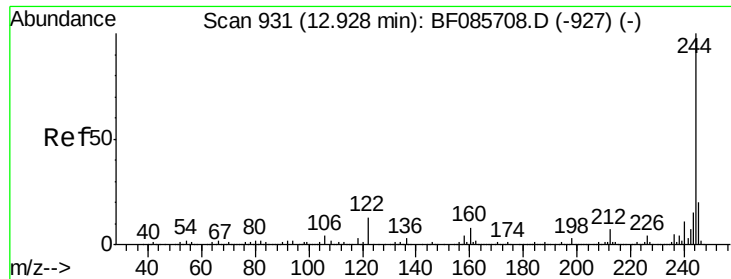


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

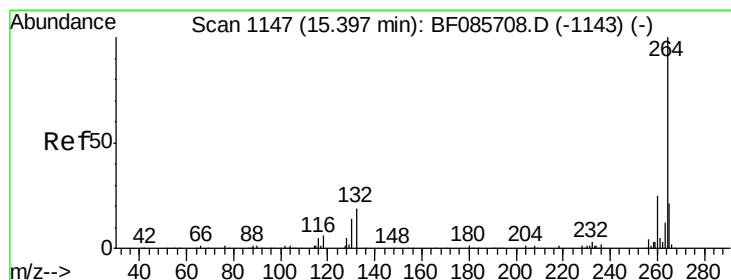
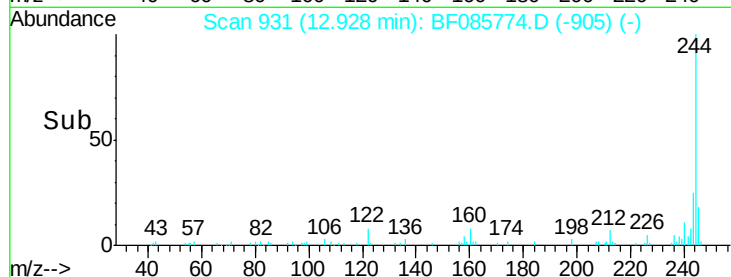
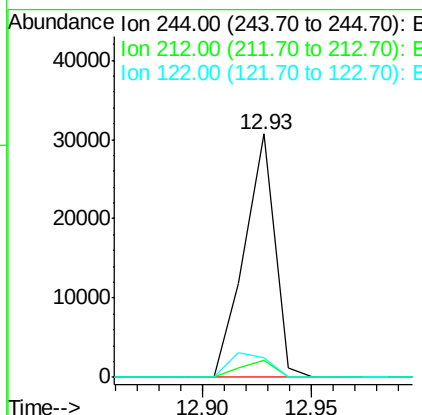
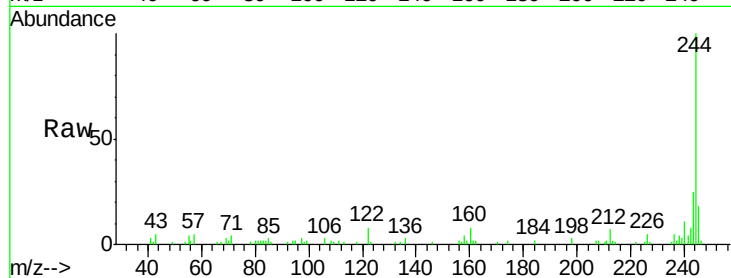




#78
 Terphenyl-d14
 Concen: 2.29 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085774.D
 Acq: 25 Mar 2016 21:14

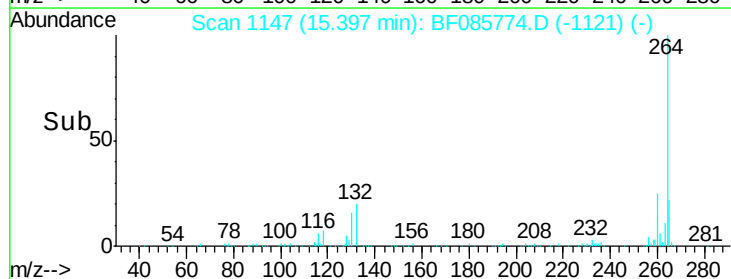
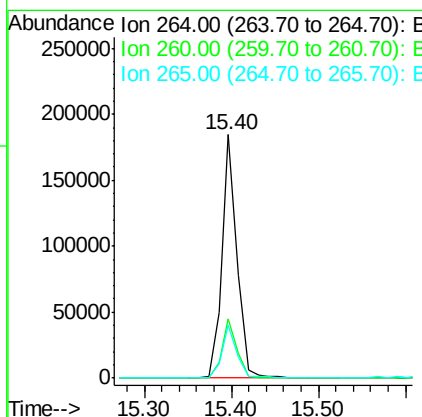
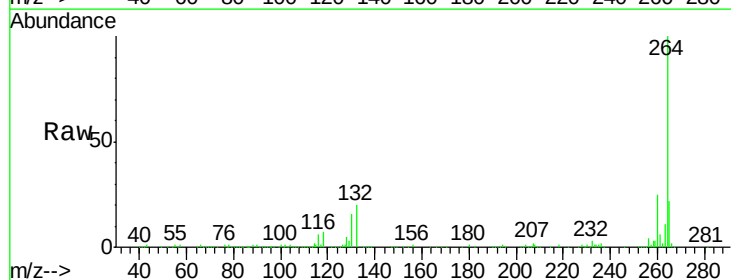
Instrument :
 BNA_F
 ClientSampleId :
 SB-6A

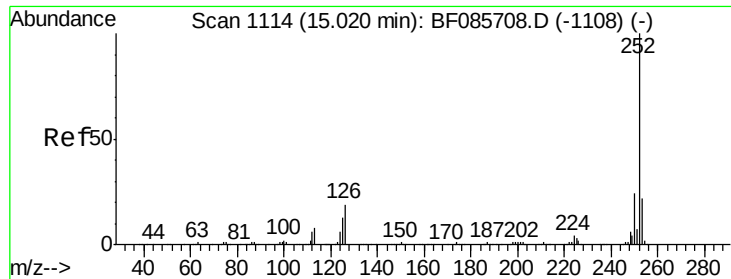
Tgt Ion:244 Resp: 29957
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 8.2 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085774.D
 Acq: 25 Mar 2016 21:14

Tgt Ion:264 Resp: 223851
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.6 17.2 25.8

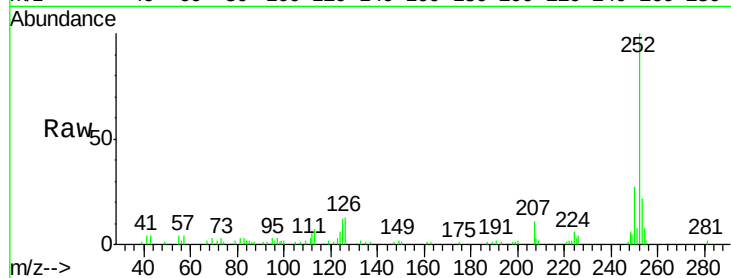




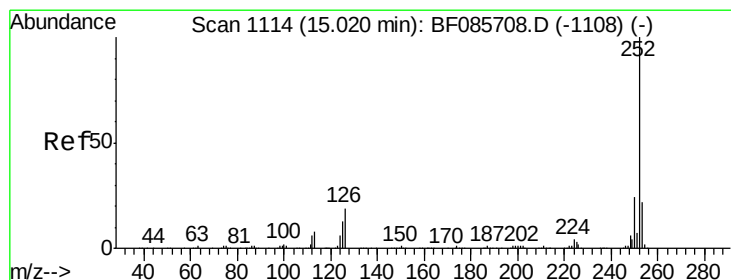
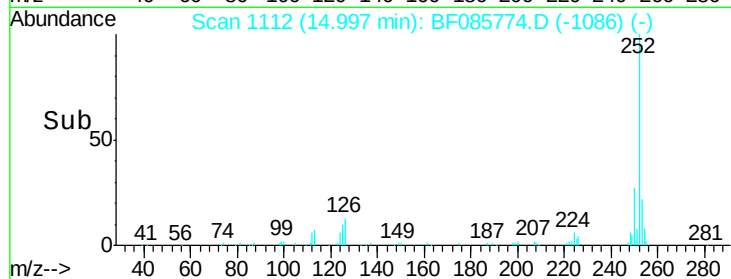
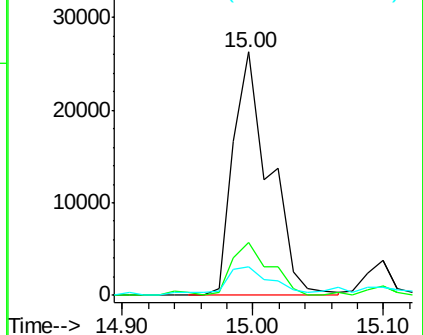
#87
Benzo(b)fluoranthene
Concen: 3.60 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF085774.D
Acq: 25 Mar 2016 21:14

Instrument :
BNA_F
ClientSampleId :
SB-6A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	11.6	10.3	15.5

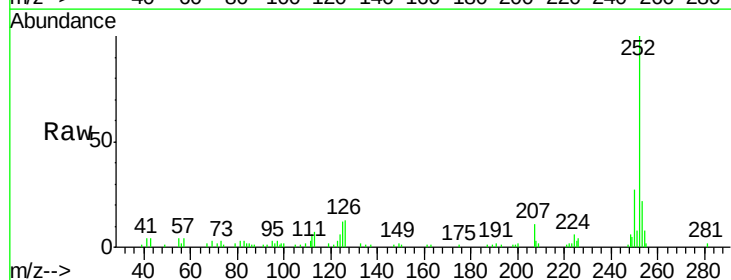


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 3.99 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF085774.D
Acq: 25 Mar 2016 21:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.6	7.7	11.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

