

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085770.D
 Acq On : 25 Mar 2016 19:19
 Operator : UM/SJ
 Sample : H1855-06
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Manual Integrations
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Sohil
 3/28/2016 7:56:29 PM

Quant Time: Mar 25 23:39:41 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	105161	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	364853	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	147051	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	221275	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	232117	20.00	ng	0.00
86) Perylene-d12	15.40	264	194025	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	48401	7.67	ng	0.01
7) Phenol-d6	6.46	99	60260	7.51	ng	0.00
23) Nitrobenzene-d5	7.38	82	26642	4.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	7843	5.61	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	48055	5.46	ng	-0.01
78) Terphenyl-d14	12.93	244	35607	3.15	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	136164	12.20	ng	99
70) Phenanthrene	11.37	178	26955	2.37	ng	98
74) Fluoranthene	12.55	202	54024	4.47	ng	97
77) Pyrene	12.78	202	55844	2.93	ng	99
87) Benzo(b)fluoranthene	15.00	252	31349m	2.56	ng	

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

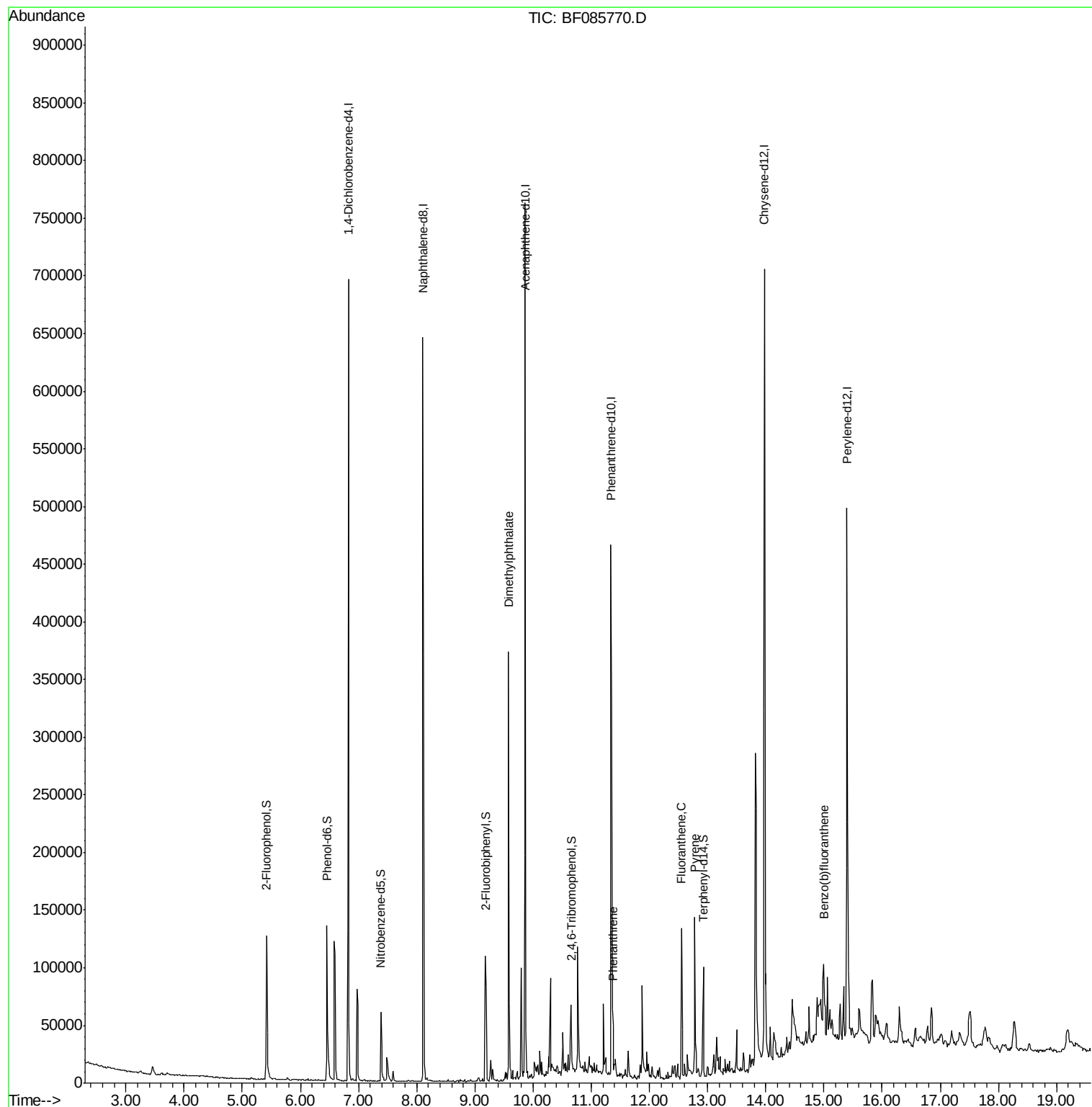
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085770.D
Acq On : 25 Mar 2016 19:19
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Sample : H1855-06
Misc :
ALS Vial : 56 Sample Multiplier: 1

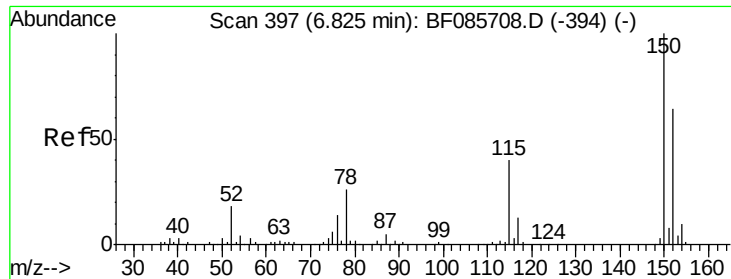
Instrument :
BNA_F
ClientSampleId :
SB-4

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Quant Time: Mar 25 23:39:41 2016
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#1

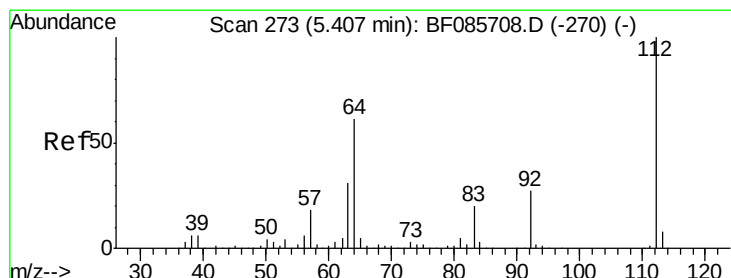
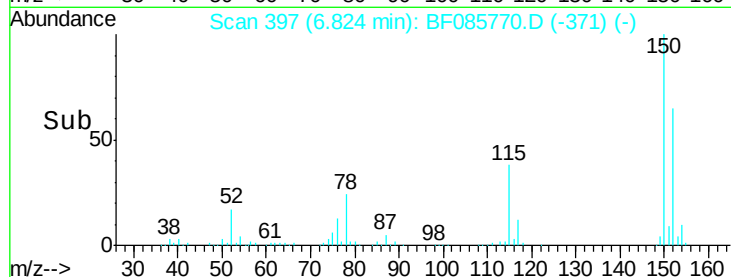
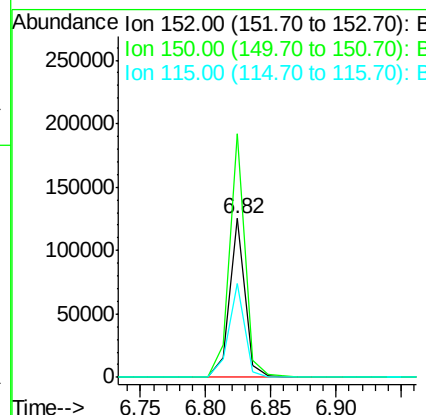
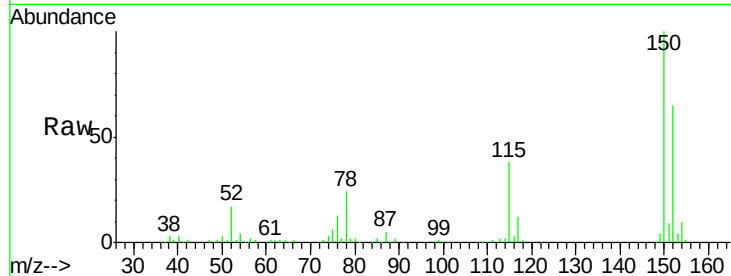
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085770.D
Acq: 25 Mar 2016 19:19

Instrument :
BNA_F
ClientSampled :
SB-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.2	186.2
115	58.8	47.0	70.6

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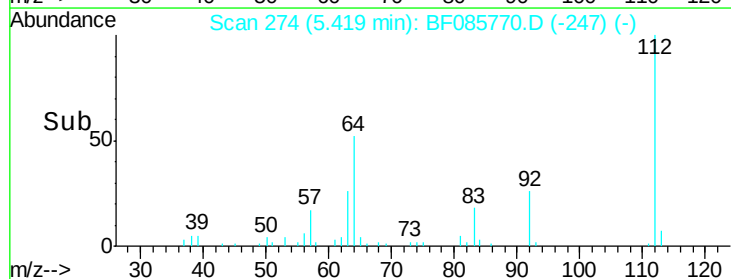
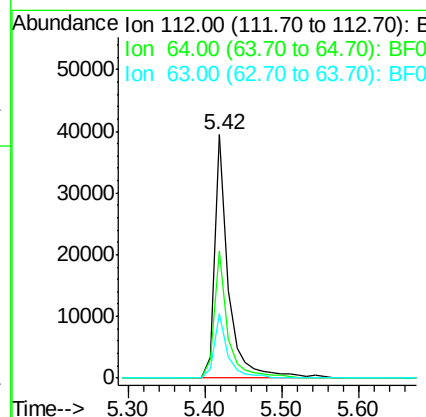
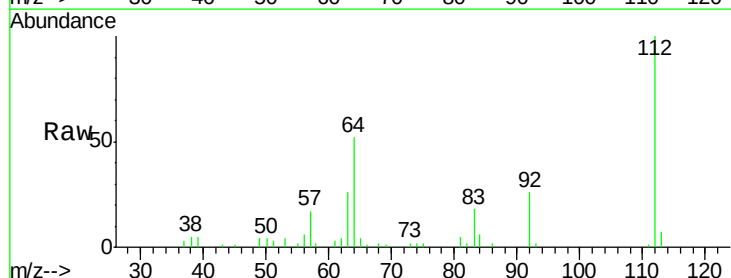
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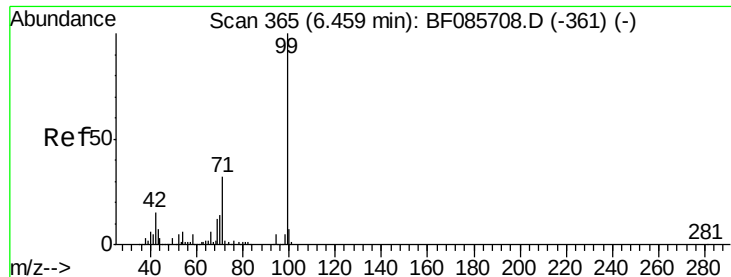


#5

2-Fluorophenol
Concen: 7.67 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085770.D
Acq: 25 Mar 2016 19:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	39.9	59.9
63	26.4	20.2	30.2





#7

Phenol-d6

Concen: 7.51 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085770.D

Acq: 25 Mar 2016 19:19

Instrument :

BNA_F

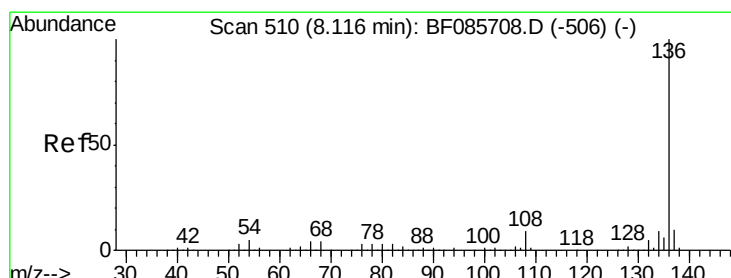
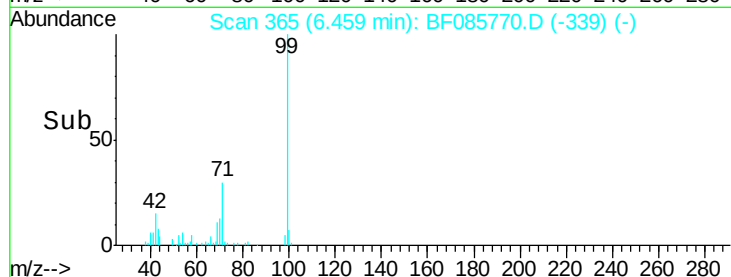
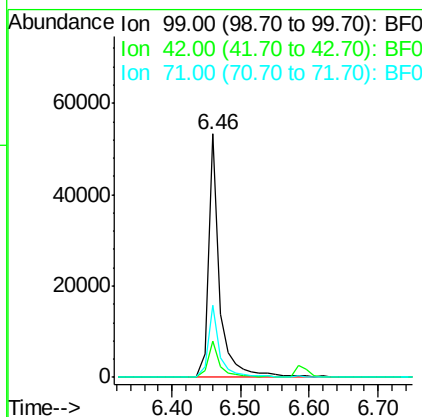
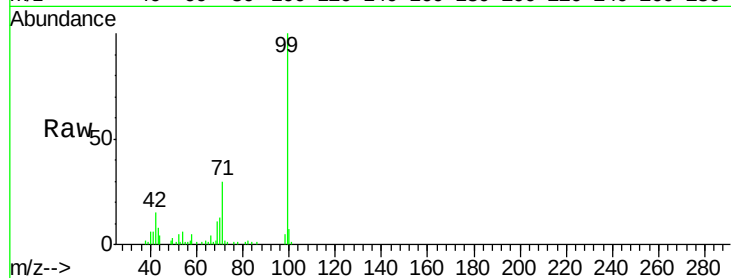
ClientSampleId :

SB-4

Tot Ion:	99	Resp:	60260
Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.1	16.7
71	29.8	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

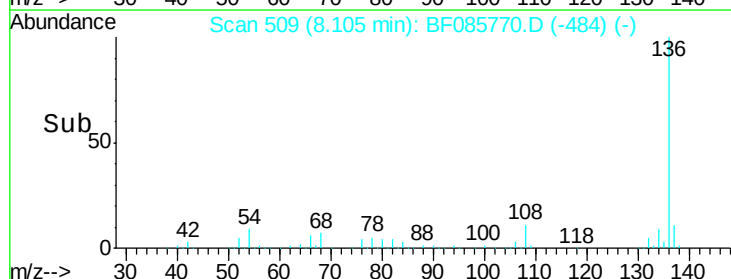
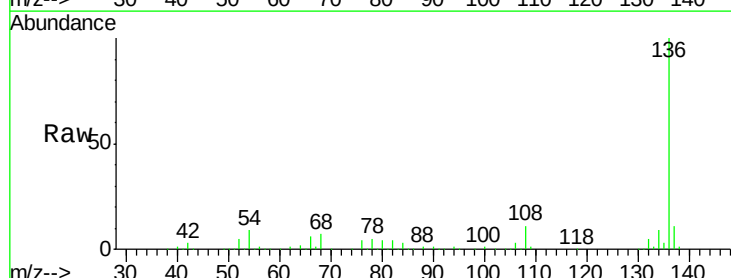
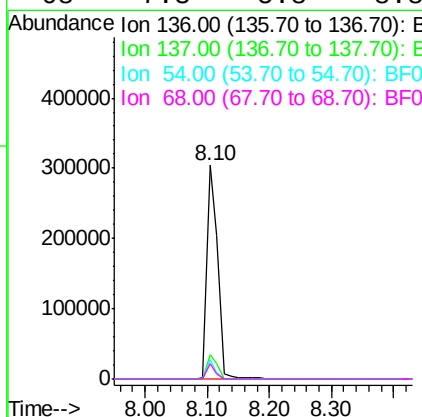
RT: 8.10 min Scan# 509

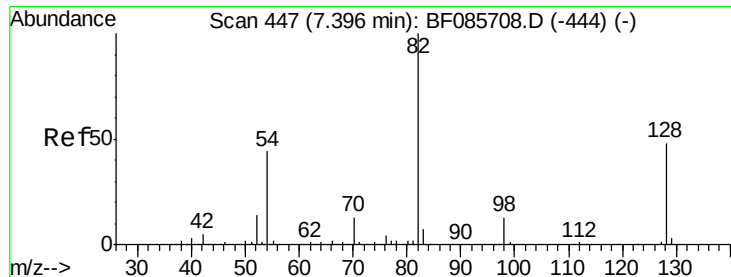
Delta R.T. -0.01 min

Lab File: BF085770.D

Acq: 25 Mar 2016 19:19

Tgt Ion:	136	Resp:	364853
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.9	7.4	11.0
68	7.3	5.8	8.8





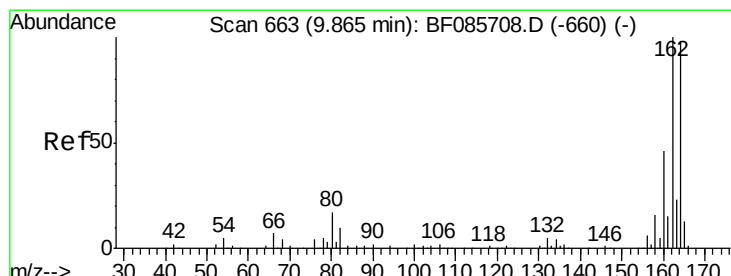
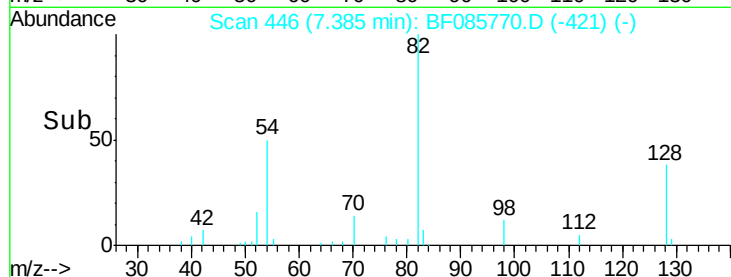
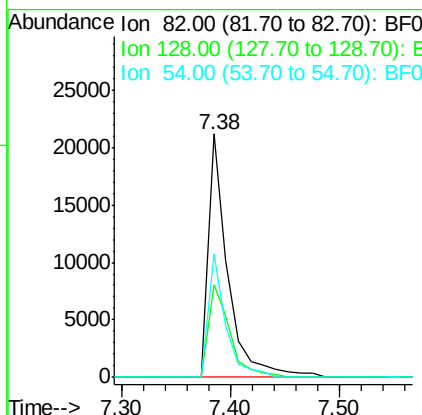
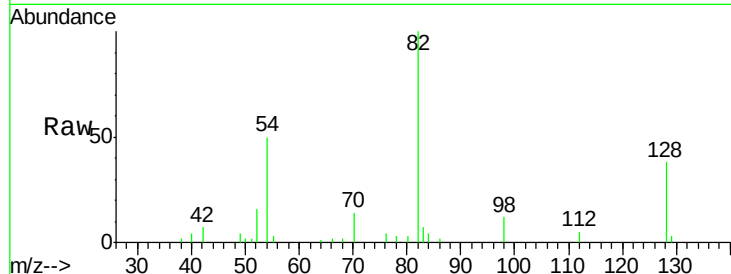
#23
 Nitrobenzene-d5
 Concen: 4.11 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085770.D
 Acq: 25 Mar 2016 19:19

Instrument :
 BNA_F
 ClientSampled :
 SB-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.1	41.8	62.8#
54	50.5	33.4	50.0#

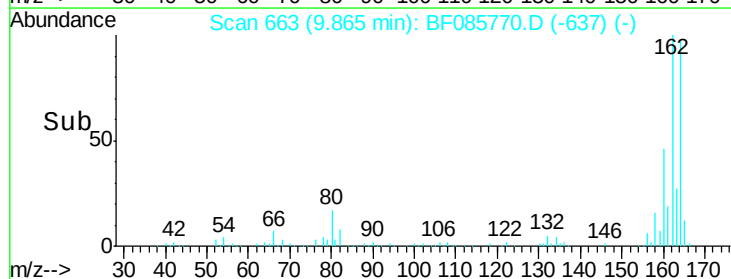
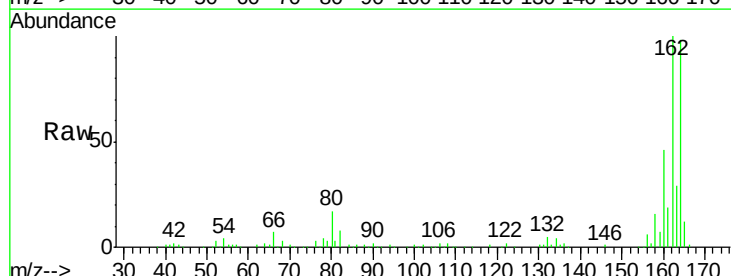
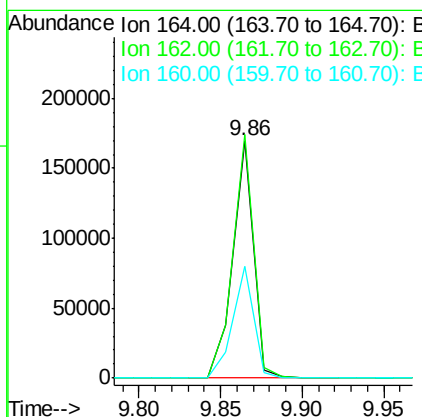
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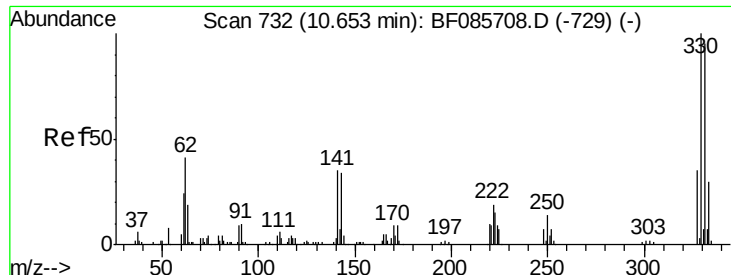
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085770.D
 Acq: 25 Mar 2016 19:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	47.3	37.4	56.2





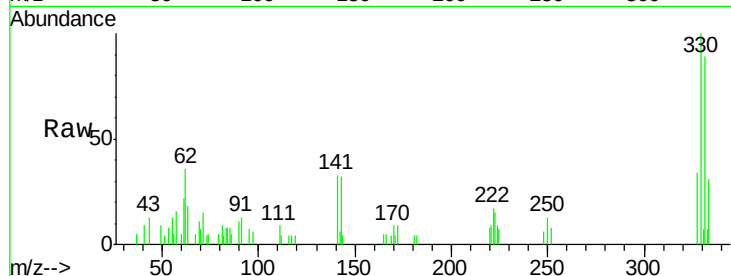
#41
 2,4,6-Tribromophenol
 Concen: 5.61 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085770.D
 Acq: 25 Mar 2016 19:19

Instrument :
 BNA_F
 ClientSampled :
 SB-4

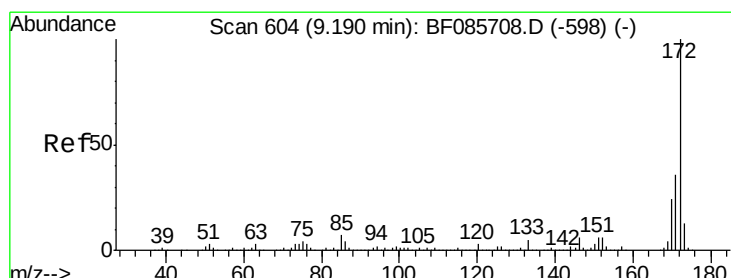
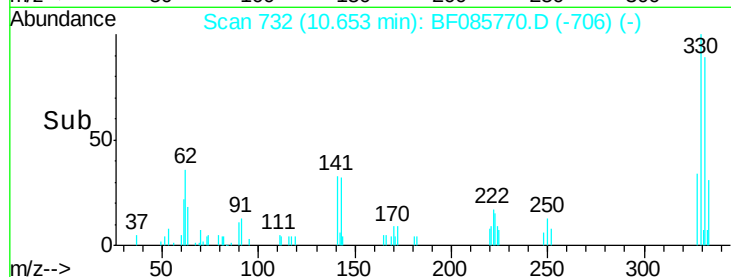
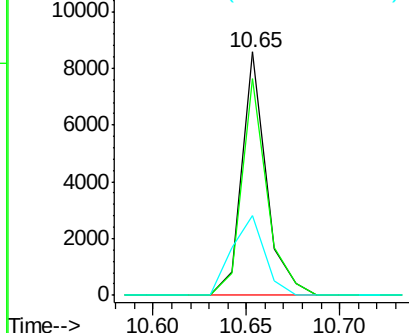
Tot Ion	Ratio	Resp	Lower	Upper
330	100	7843		
332	92.1		78.2	117.2
141	43.8		31.5	47.3

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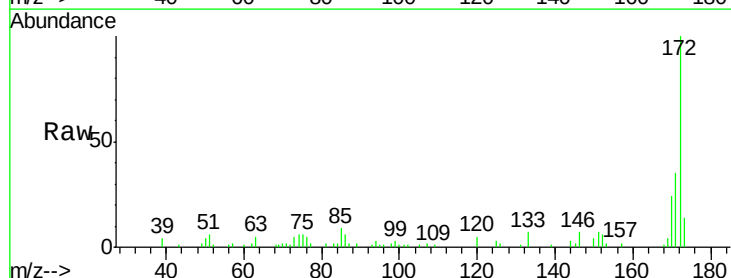


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

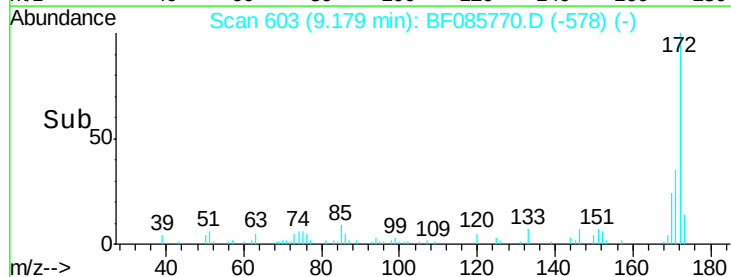
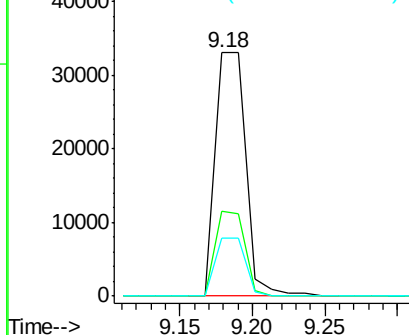


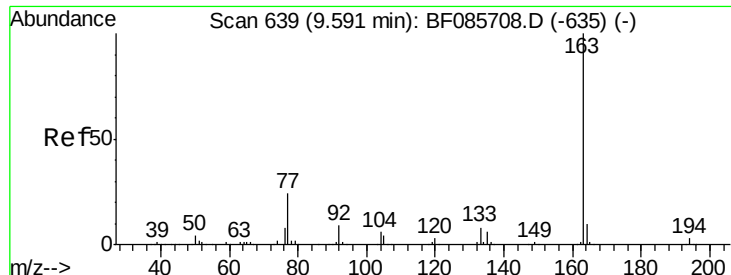
#44
 2-Fluorobiphenyl
 Concen: 5.46 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085770.D
 Acq: 25 Mar 2016 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	48055		
171	34.9		29.4	44.2
170	23.9		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





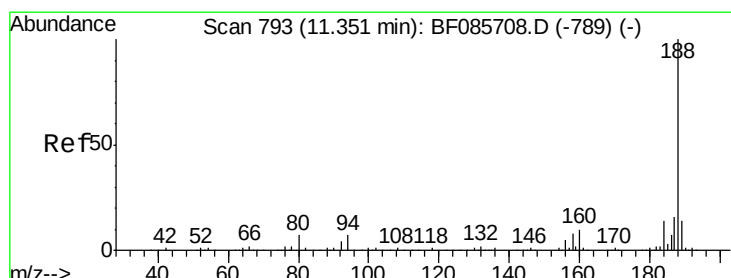
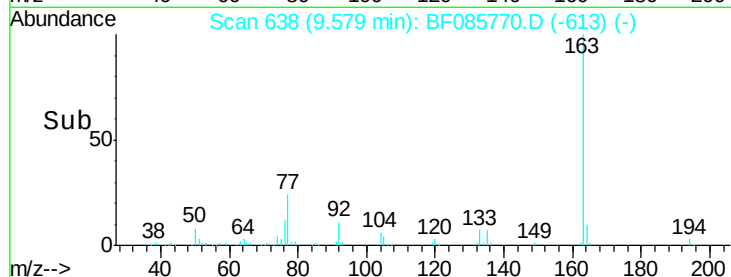
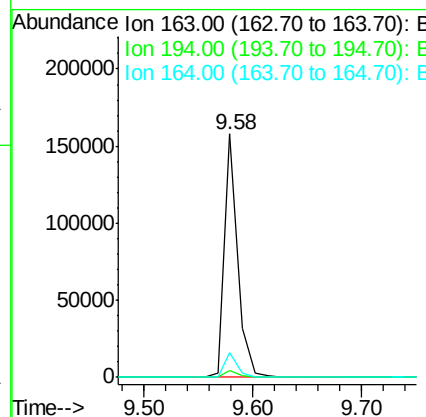
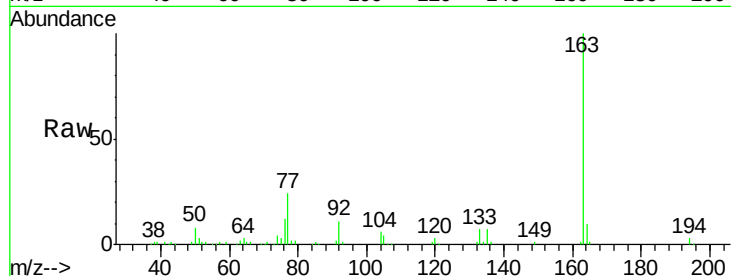
#49
Dimethylphthalate
Concen: 12.20 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085770.D
Acq: 25 Mar 2016 19:19

Instrument :
BNA_F
ClientSampleId :
SB-4

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.9	4.3
164	10.0	8.3	12.5

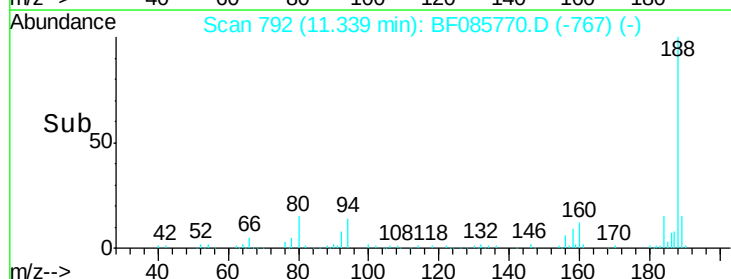
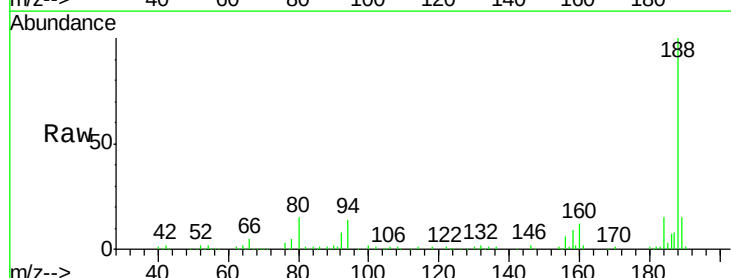
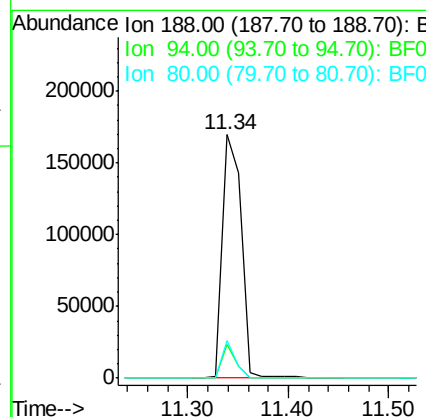
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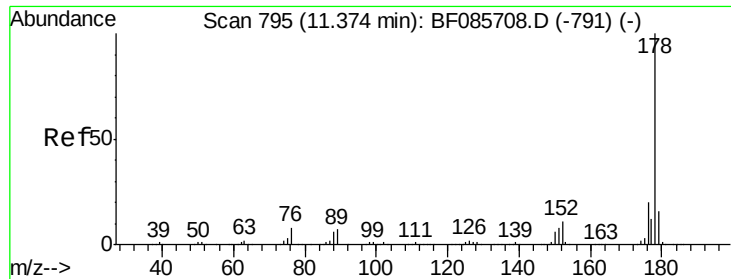
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085770.D
Acq: 25 Mar 2016 19:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	14.0	5.4	8.0#
80	15.3	5.5	8.3#





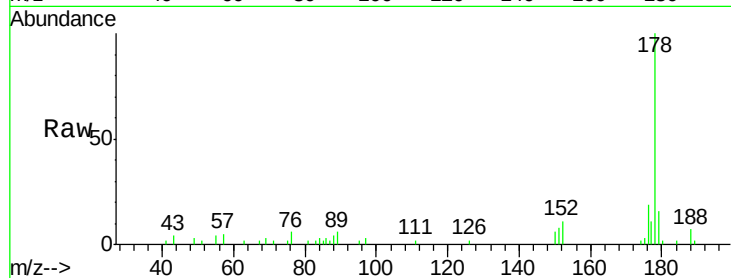
#70
Phenanthrene
Concen: 2.37 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF085770.D
Acq: 25 Mar 2016 19:19

Instrument :
BNA_F
ClientSampled :
SB-4

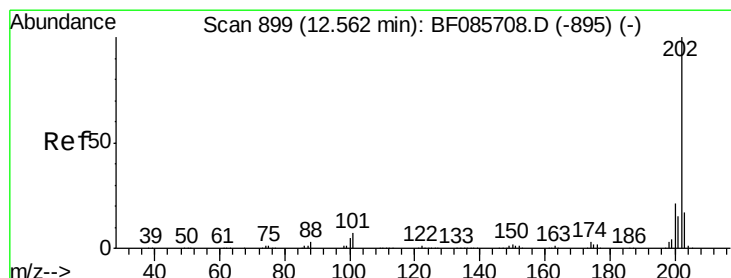
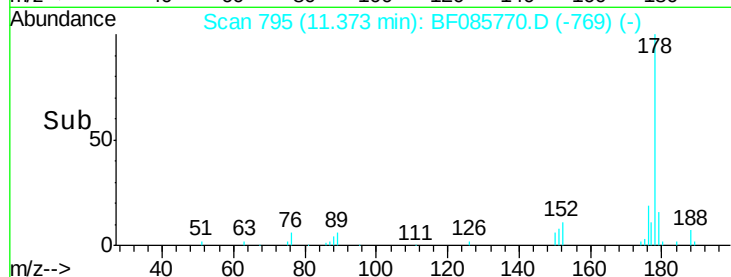
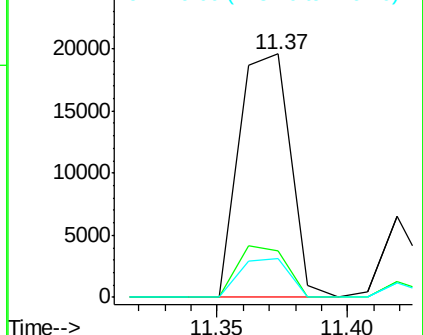
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.3	24.5
179	15.9	12.6	18.8

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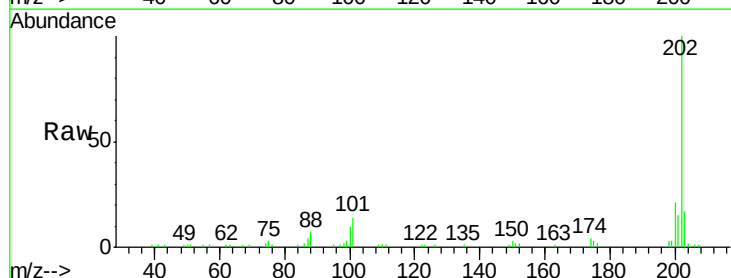


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

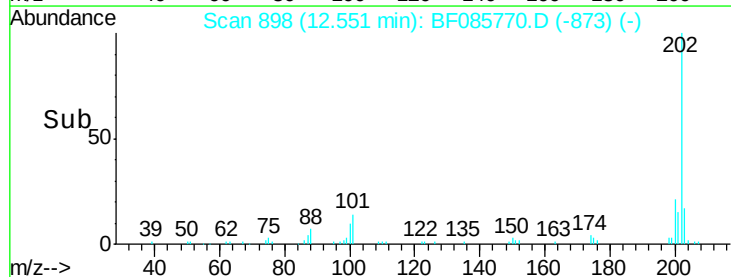
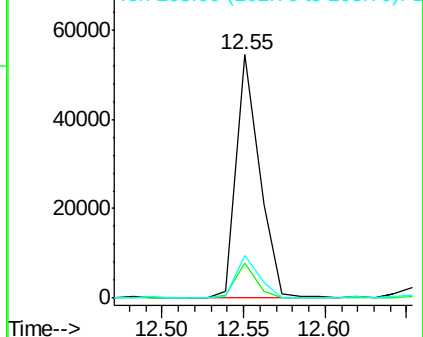


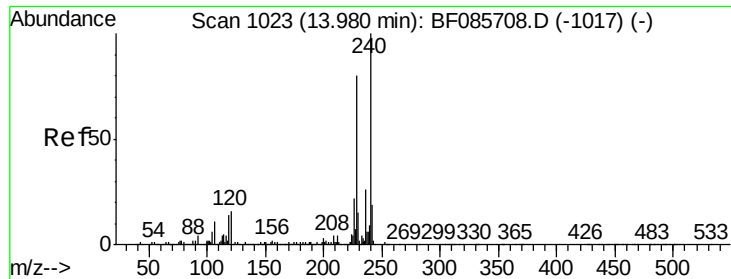
#74
Fluoranthene
Concen: 4.47 ng
RT: 12.55 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF085770.D
Acq: 25 Mar 2016 19:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	36.6
203	17.5	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085770.D

Acq: 25 Mar 2016 19:19

Instrument :

BNA_F

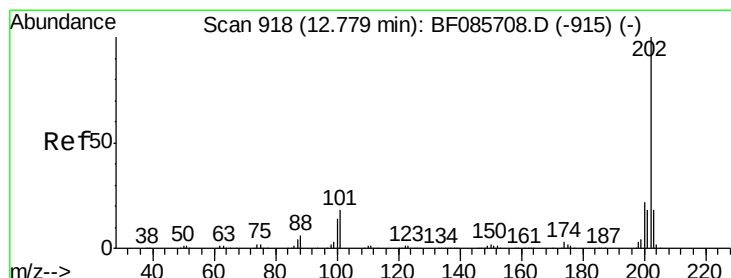
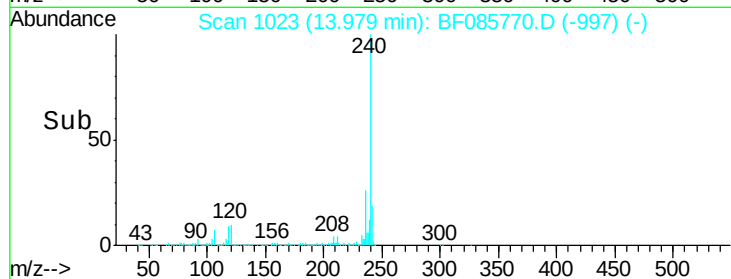
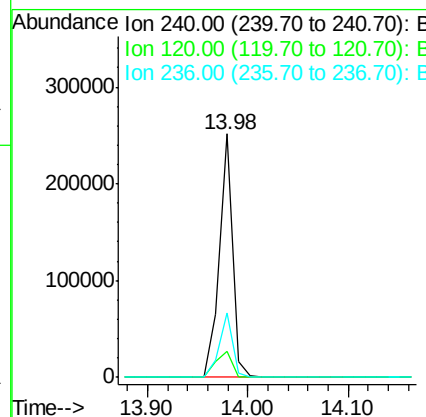
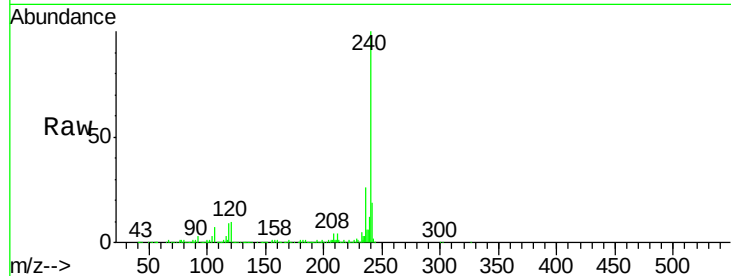
ClientSampleId :

SB-4

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	13.8	20.8#
236	26.4	20.6	30.8

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#77

Pyrene

Concen: 2.93 ng

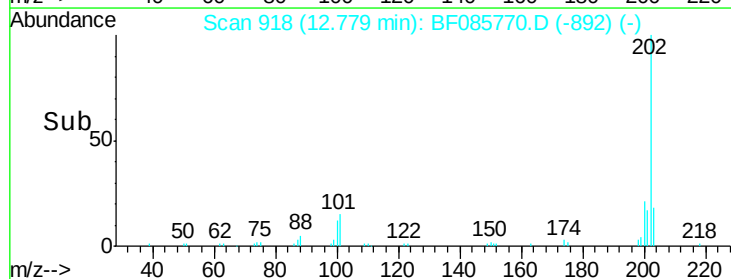
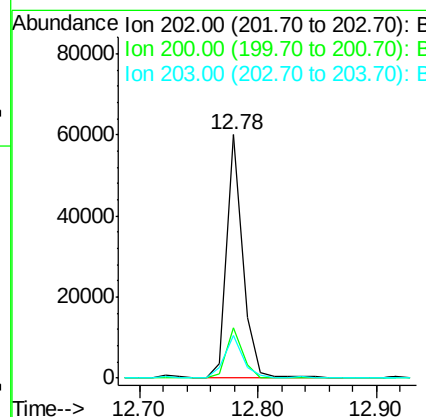
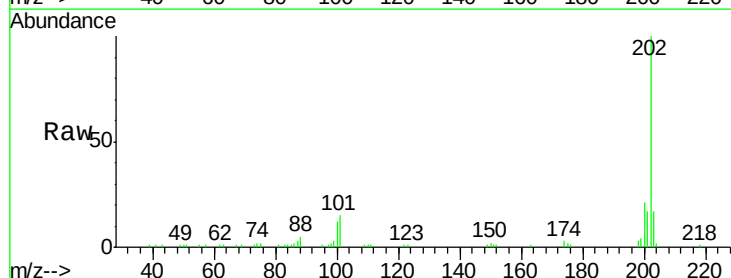
RT: 12.78 min Scan# 918

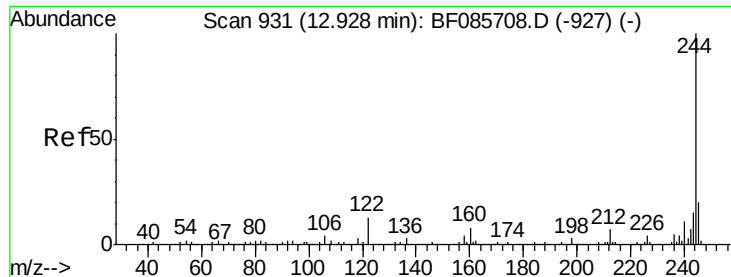
Delta R.T. -0.00 min

Lab File: BF085770.D

Acq: 25 Mar 2016 19:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	17.4	14.0	21.0





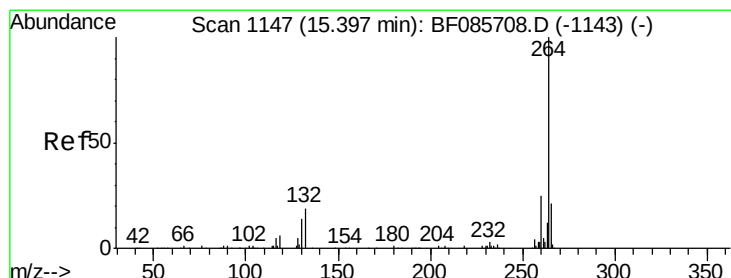
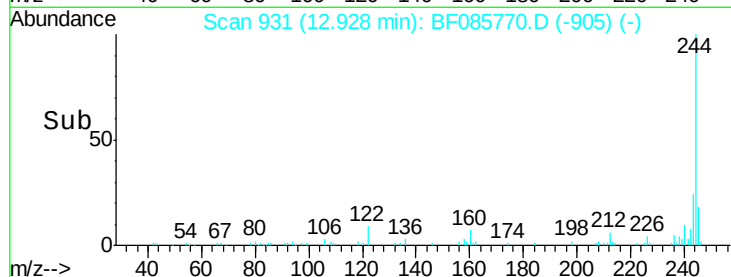
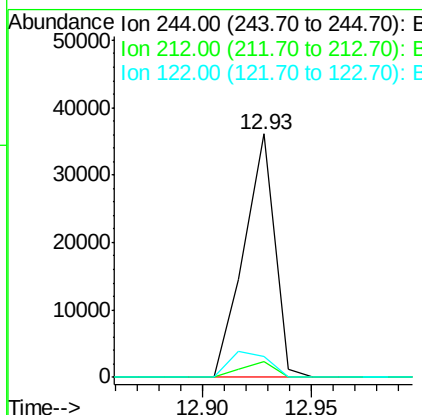
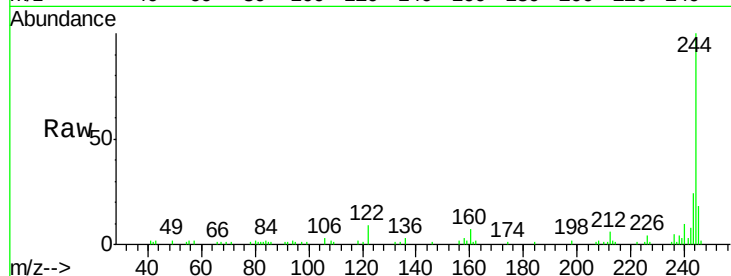
#78
 Terphenyl-d14
 Concen: 3.15 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085770.D
 Acq: 25 Mar 2016 19:19

Instrument :
 BNA_F
 ClientSampled :
 SB-4

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.1	9.1
122	8.8	10.2	15.4

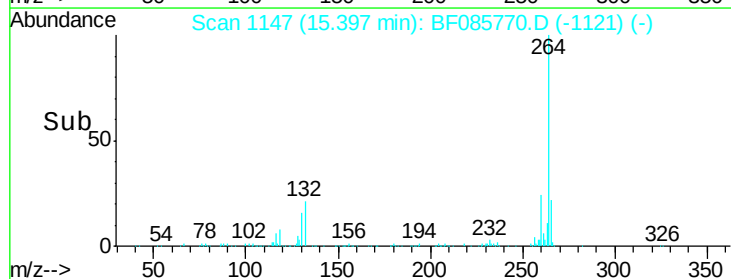
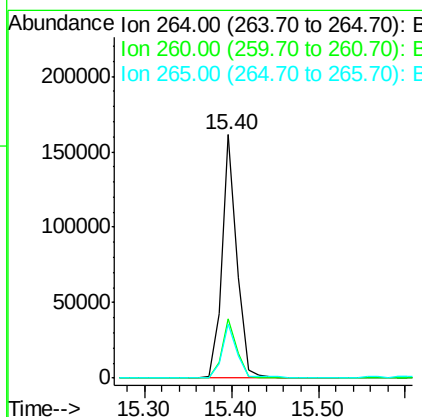
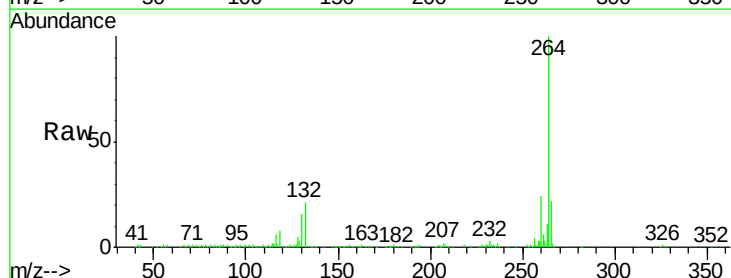
Manual Integrations
 APPROVED

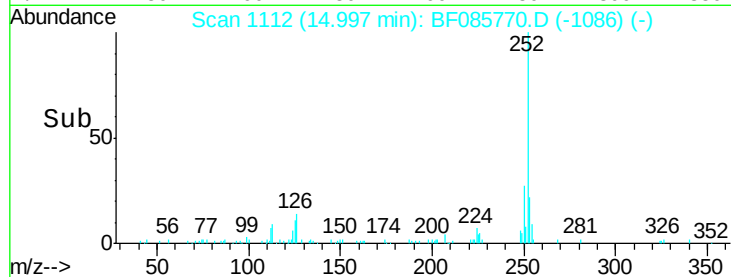
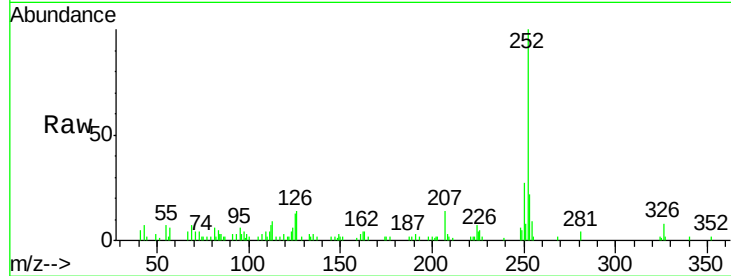
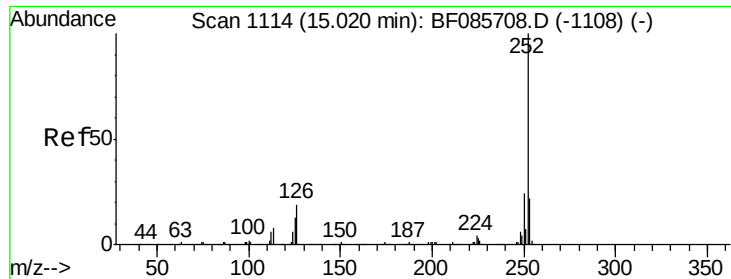
Sohil
 3/28/2016 7:56:29 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085770.D
 Acq: 25 Mar 2016 19:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.56 ng m

RT: 15.00 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF085770.D

Acq: 25 Mar 2016 19:19

Instrument :

BNA_F

ClientSampleId :

SB-4

Tot Ion:	252	Resp:	31349
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.6	26.4
125	13.1	10.3	15.5

Manual Integrations
APPROVED

Sohil
3/28/2016 7:56:29 PM

