

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085772.D
 Acq On : 25 Mar 2016 20:17
 Operator : UM/SJ
 Sample : H1855-08
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5A

Manual Integrations
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 3/28/2016 7:58:00 PM

Quant Time: Mar 25 23:48:22 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	137491	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	478263	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	190050	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	286047	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	295511	20.00	ng	0.00
86) Perylene-d12	15.40	264	246405	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	46503	5.63	ng	0.01
7) Phenol-d6	6.46	99	59304	5.65	ng	0.00
23) Nitrobenzene-d5	7.38	82	31008	3.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	7453	4.13	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	48823	4.29	ng	-0.01
78) Terphenyl-d14	12.93	244	34892	2.43	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	135990	9.43	ng	99
70) Phenanthrene	11.36	178	38355	2.61	ng	99
74) Fluoranthene	12.55	202	99171	6.35	ng	95
77) Pyrene	12.78	202	92755	3.82	ng	98
80) Benzo(a)anthracene	13.97	228	49771m	2.95	ng	
82) Chrysene	14.00	228	39082	2.30	ng	96
87) Benzo(b)fluoranthene	15.00	252	56808m	3.66	ng	
89) Benzo(a)pyrene	15.34	252	35695	2.59	ng	99

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

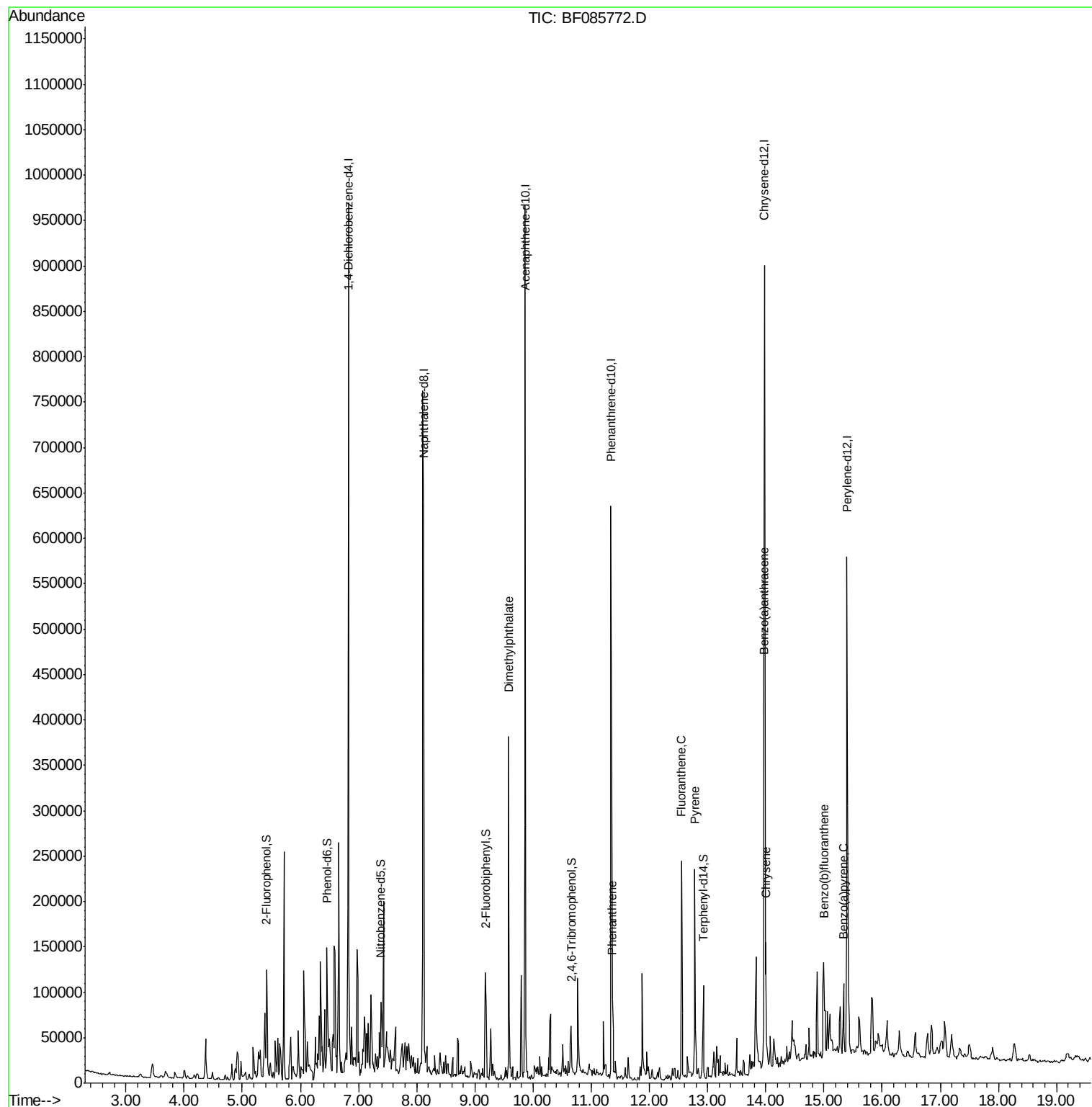
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085772.D
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Sample : H1855-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

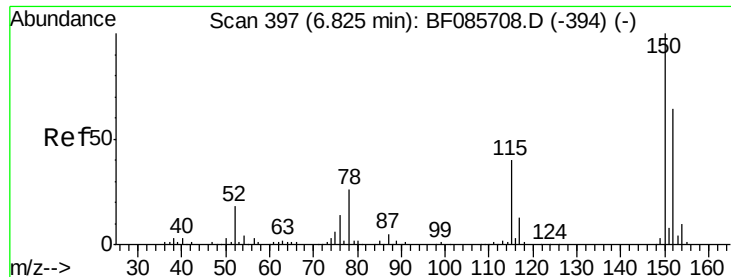
Instrument :
BNA_F
ClientSampleId :
SB-5A

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#1

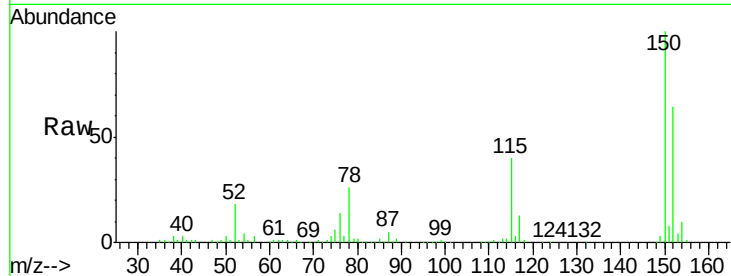
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085772.D
Acq: 25 Mar 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-5A

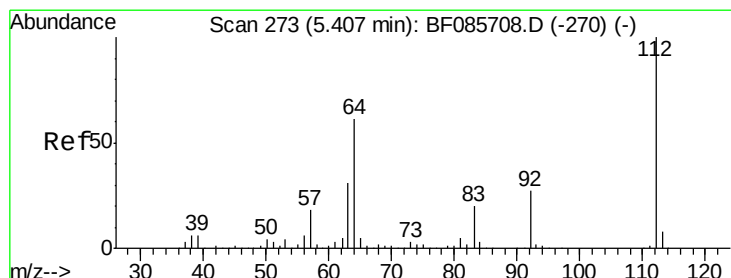
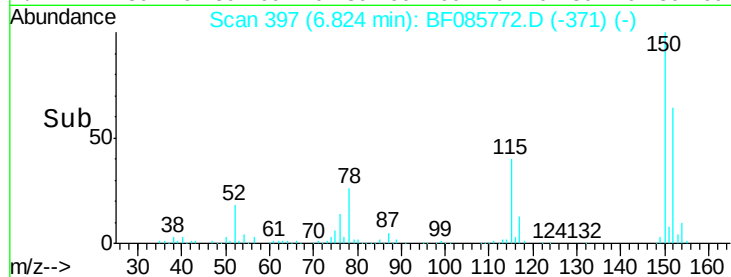
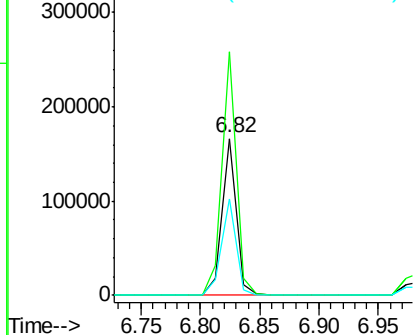
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.2	186.2
115	61.8	47.0	70.6

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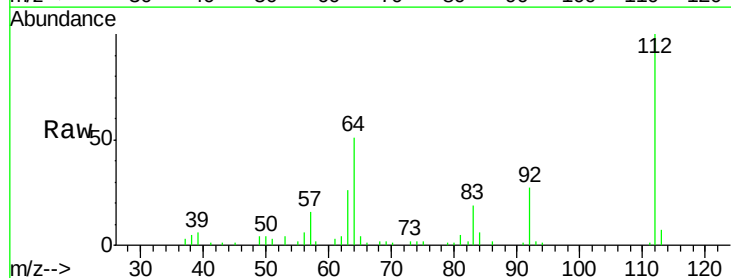
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



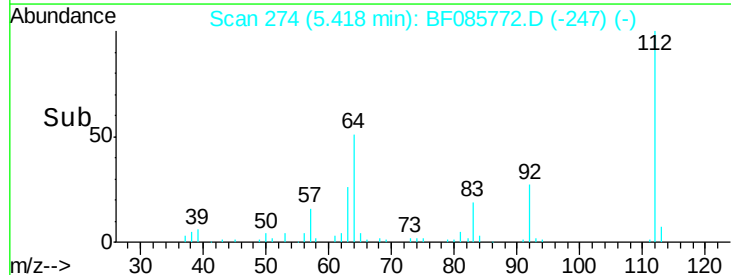
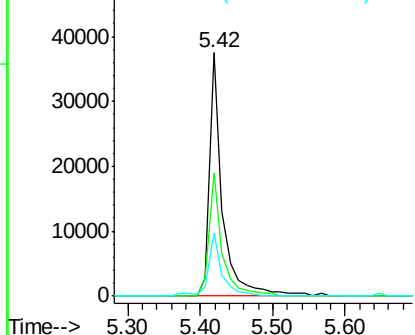
#5

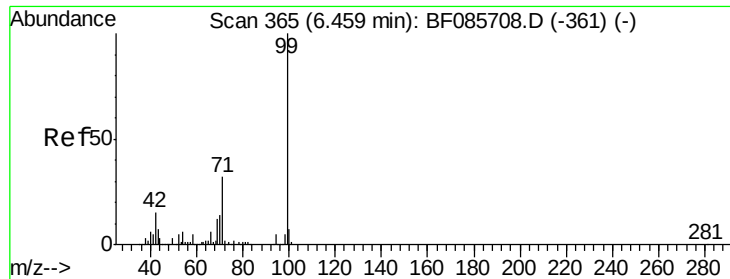
2-Fluorophenol
Concen: 5.63 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085772.D
Acq: 25 Mar 2016 20:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.9	39.9	59.9
63	25.9	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: 5.65 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085772.D

Acq: 25 Mar 2016 20:17

Instrument :

BNA_F

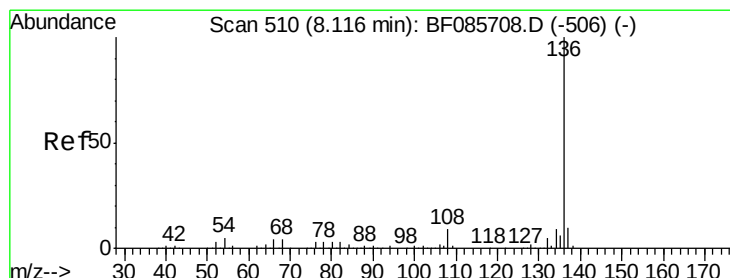
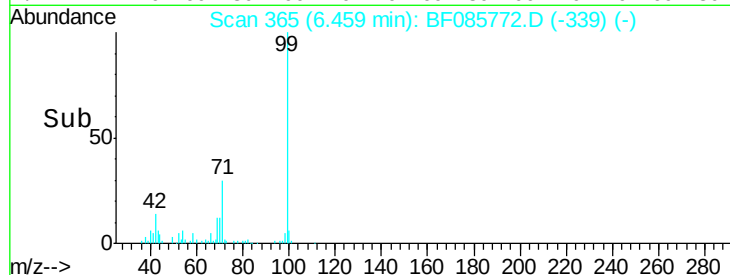
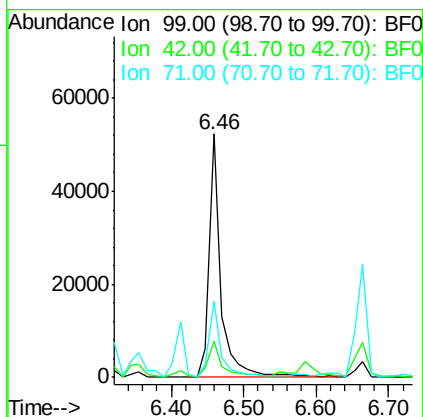
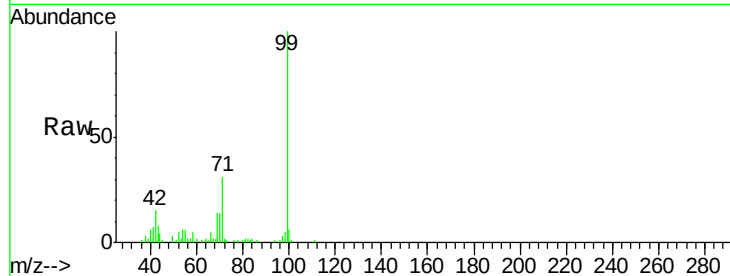
ClientSampleId :

SB-5A

Tot Ion:	99	Resp:	59304
Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.1	16.7
71	31.2	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

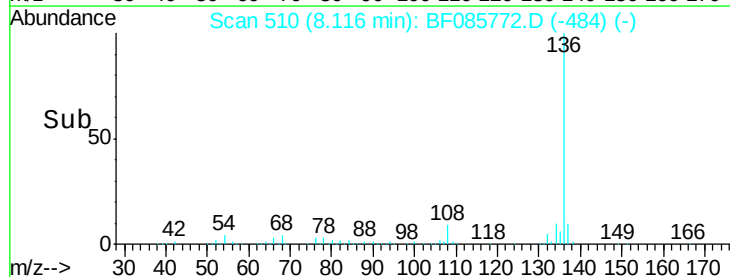
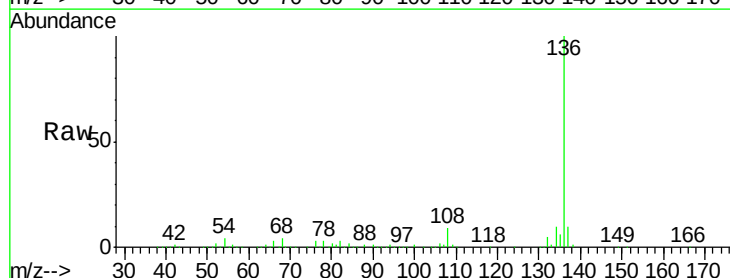
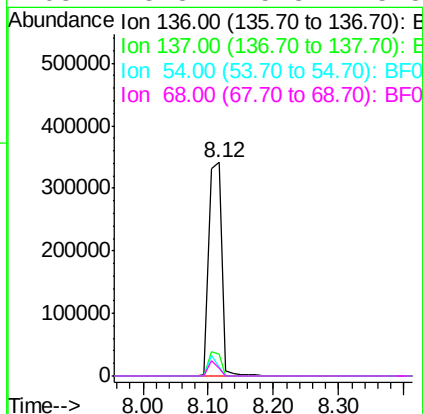
RT: 8.12 min Scan# 510

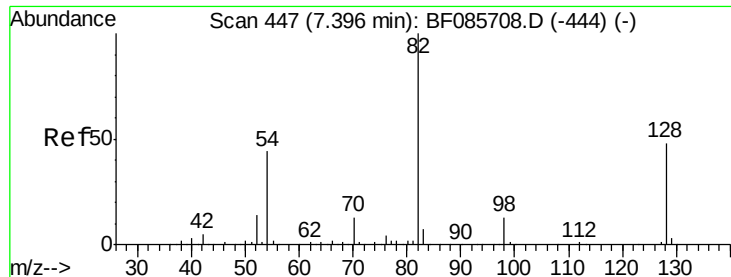
Delta R.T. -0.00 min

Lab File: BF085772.D

Acq: 25 Mar 2016 20:17

Tgt Ion:	136	Resp:	478263
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	4.2	7.4	11.0#
68	3.8	5.8	8.8#





#23

Nitrobenzene-d5

Concen: 3.65 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085772.D

Acq: 25 Mar 2016 20:17

Instrument :

BNA_F

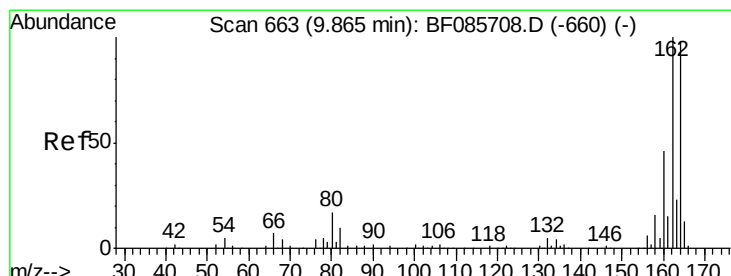
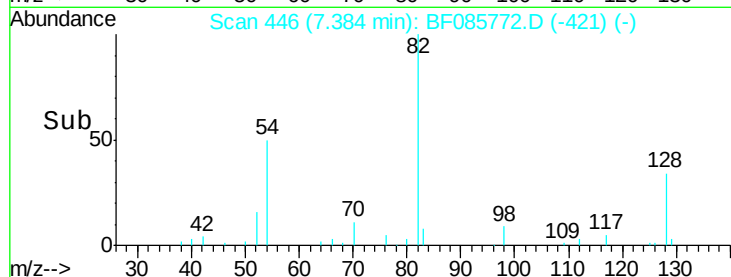
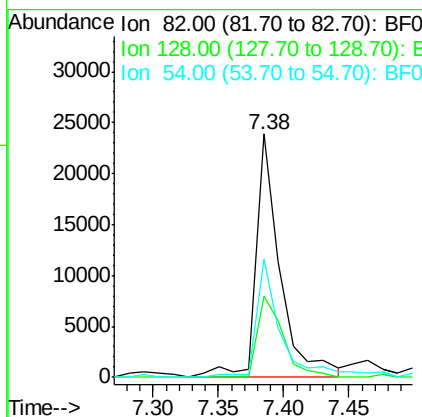
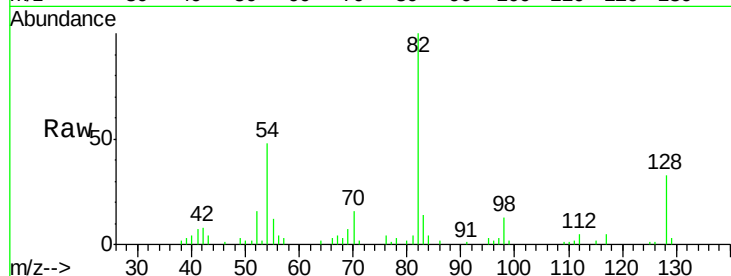
ClientSampleId :

SB-5A

Tot Ion:	82	Resp:	31008
Ion Ratio	Lower	Upper	
82	100		
128	33.5	41.8	62.8#
54	48.5	33.4	50.0

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#38

Acenaphthene-d10

Concen: 20.00 ng

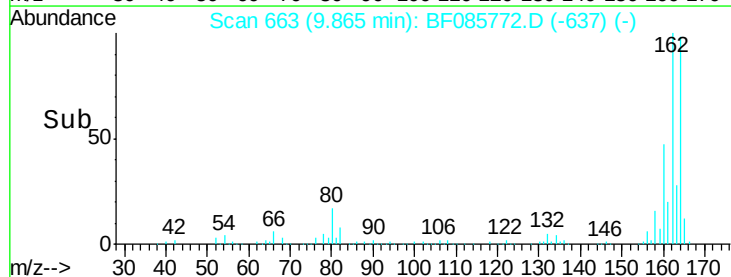
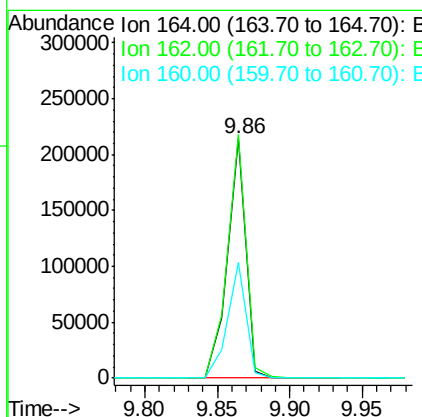
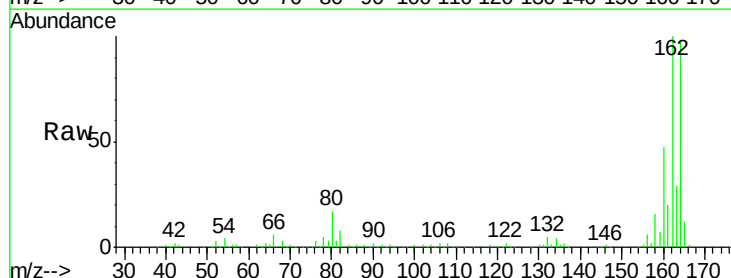
RT: 9.86 min Scan# 663

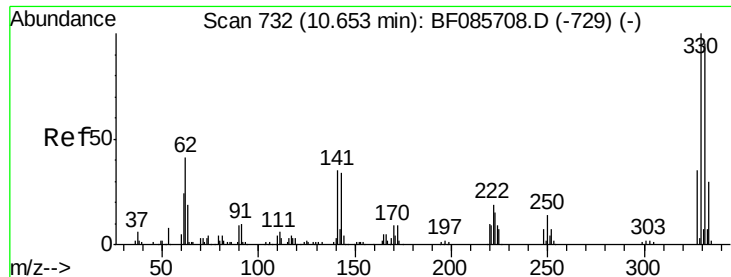
Delta R.T. -0.00 min

Lab File: BF085772.D

Acq: 25 Mar 2016 20:17

Tgt Ion:	164	Resp:	190050
Ion Ratio	Lower	Upper	
164	100		
162	101.6	82.1	123.1
160	48.0	37.4	56.2





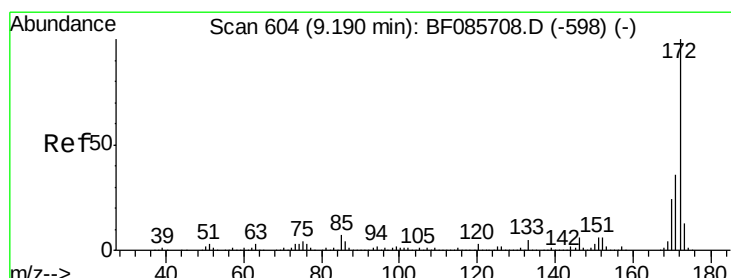
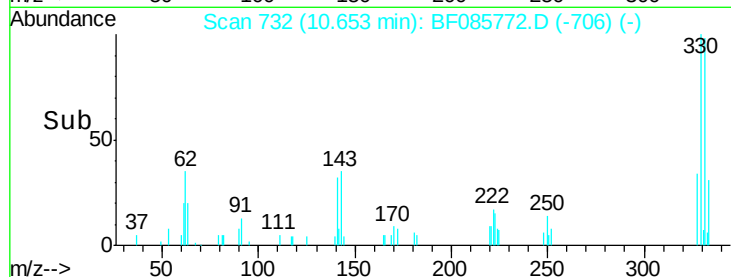
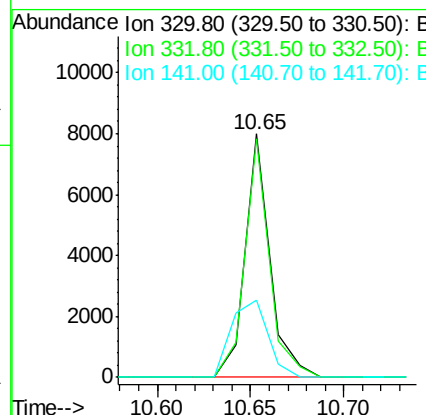
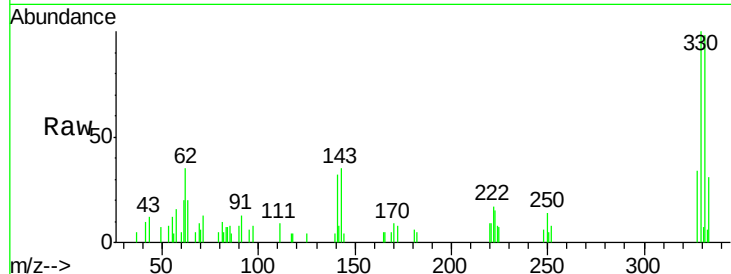
#41
 2,4,6-Tribromophenol
 Concen: 4.13 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085772.D
 Acq: 25 Mar 2016 20:17

Instrument :
 BNA_F
 ClientSampled :
 SB-5A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.2
141	46.8	31.5	47.3

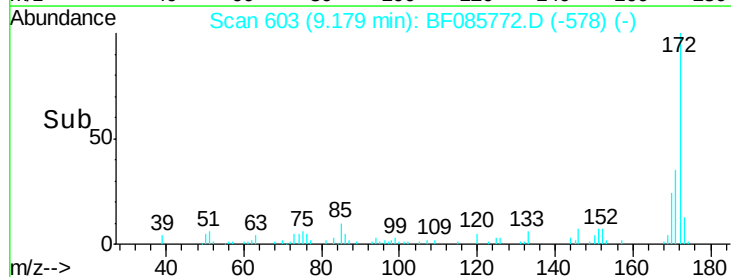
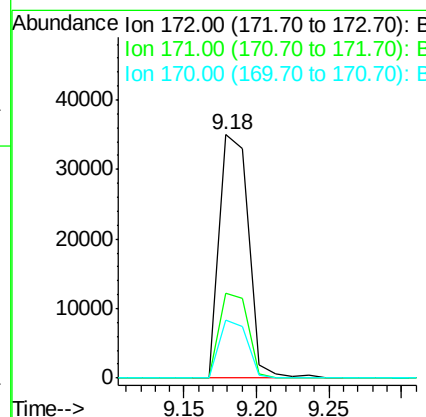
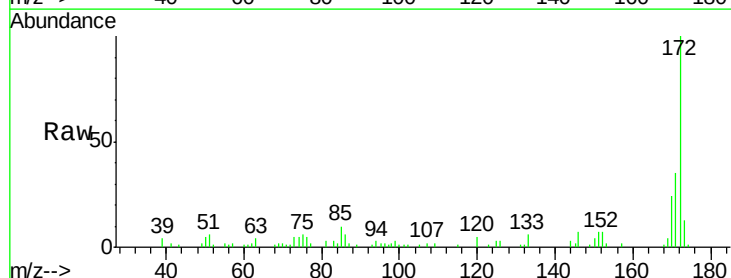
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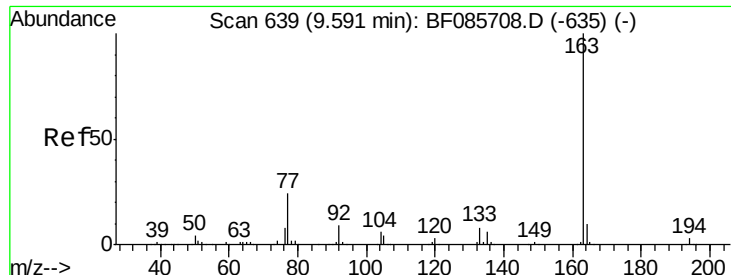
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#44
 2-Fluorobiphenyl
 Concen: 4.29 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085772.D
 Acq: 25 Mar 2016 20:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.4	44.2
170	24.0	19.8	29.6





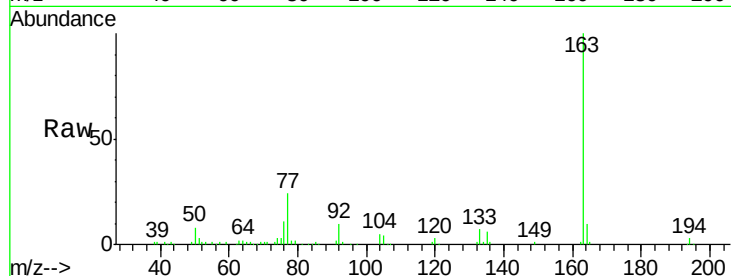
#49
Dimethylphthalate
Concen: 9.43 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085772.D
Acq: 25 Mar 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-5A

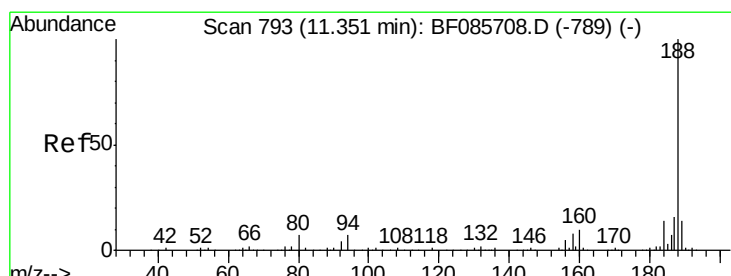
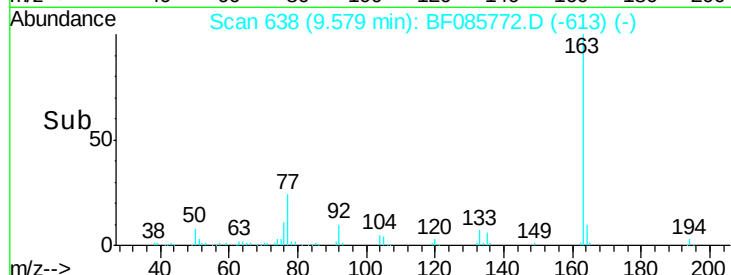
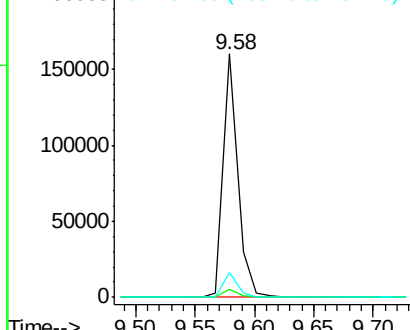
Tot Ion	Ratio	Resp	Lower	Upper
163	100	135990		
194	3.1	2.9	4.3	
164	10.1	8.3	12.5	

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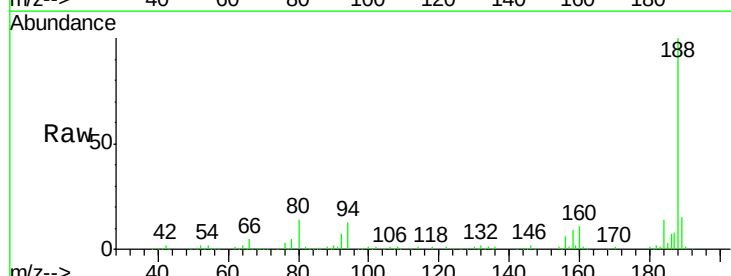


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

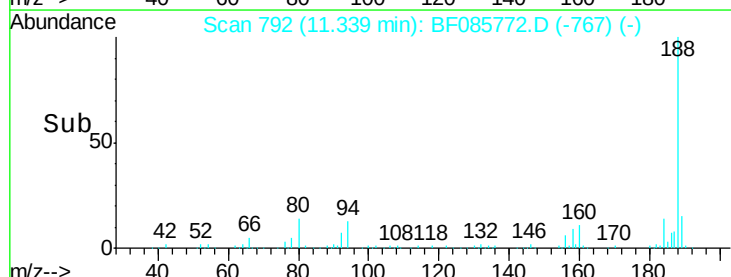
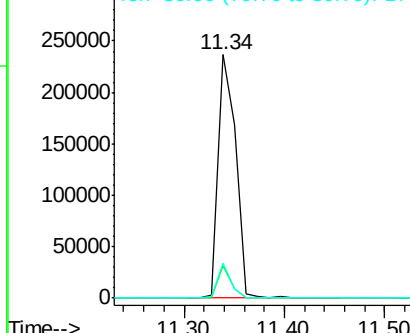


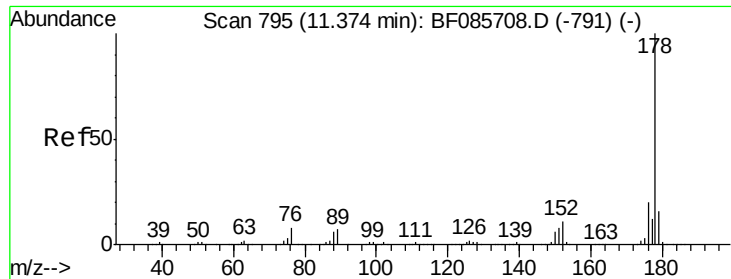
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085772.D
Acq: 25 Mar 2016 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	286047		
94	13.2	5.4	8.0#	
80	14.3	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





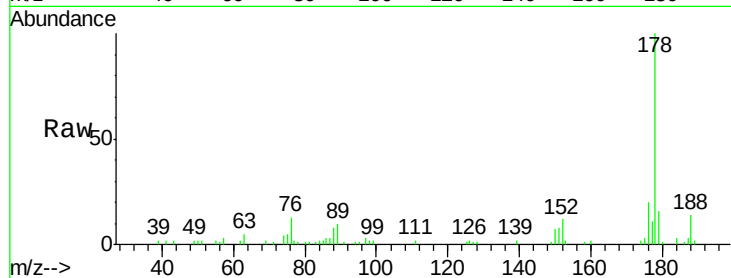
#70
Phenanthrene
Concen: 2.61 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF085772.D
Acq: 25 Mar 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-5A

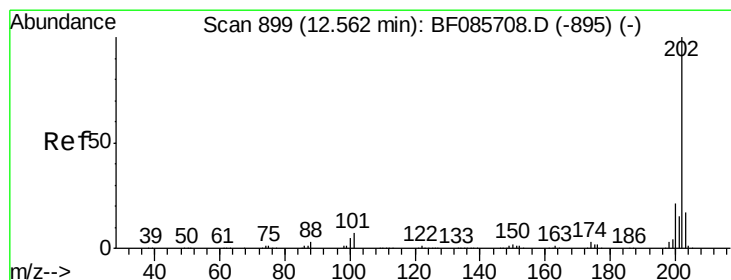
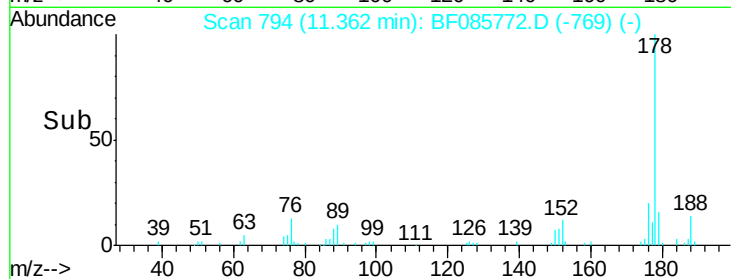
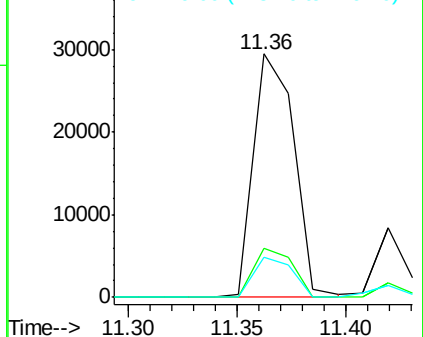
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.3	24.5
179	16.4	12.6	18.8

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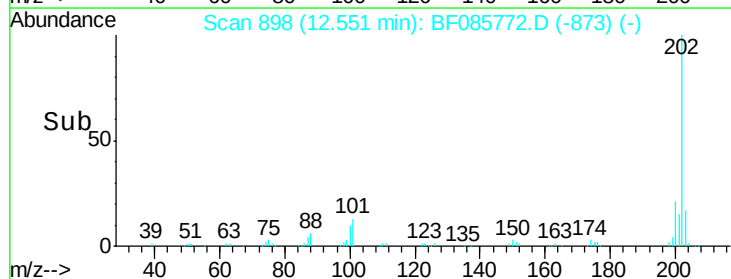
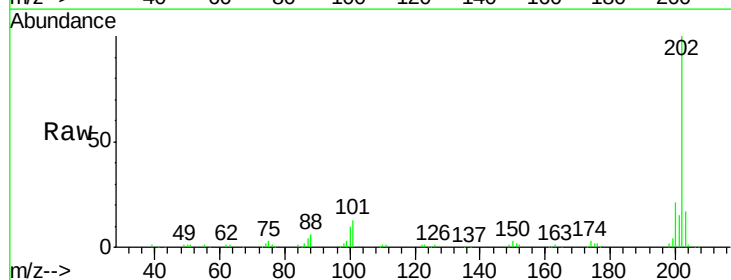
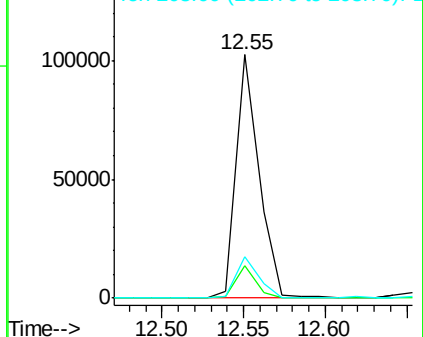
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

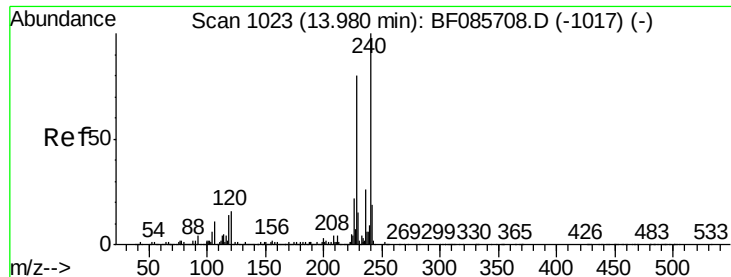


#74
Fluoranthene
Concen: 6.35 ng
RT: 12.55 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF085772.D
Acq: 25 Mar 2016 20:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	36.6
203	17.1	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: BF085772.D

Acq: 25 Mar 2016 20:17

Instrument :

BNA_F

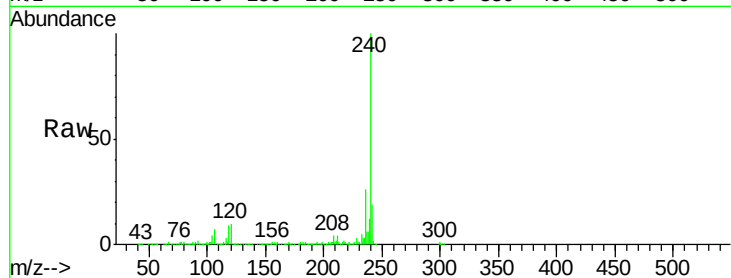
ClientSampleId :

SB-5A

Tot Ion:	240	Resp:	295511
Ion Ratio		Lower	Upper
240	100		
120	10.2	13.8	20.8#
236	26.5	20.6	30.8

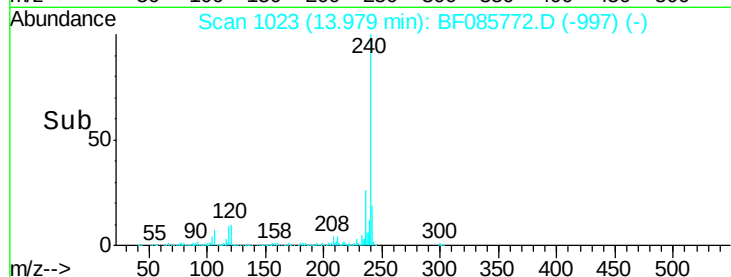
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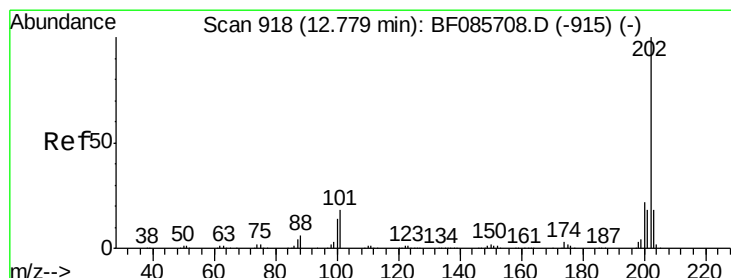


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

13.98



Time-->



#77

Pyrene

Concen: 3.82 ng

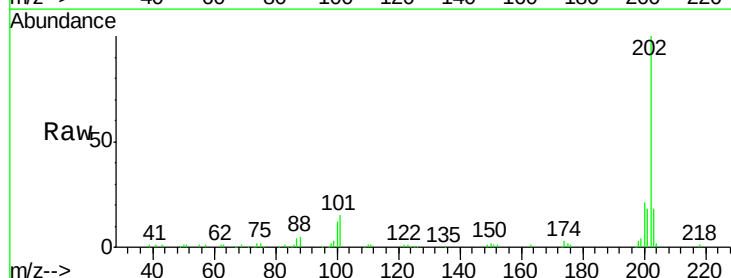
RT: 12.78 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF085772.D

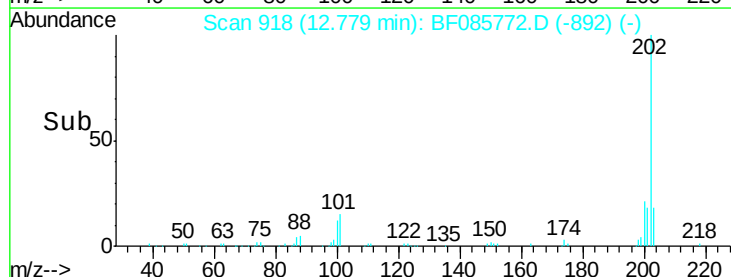
Acq: 25 Mar 2016 20:17

Tgt Ion:	202	Resp:	92755
Ion Ratio		Lower	Upper
202	100		
200	20.9	17.6	26.4
203	18.3	14.0	21.0

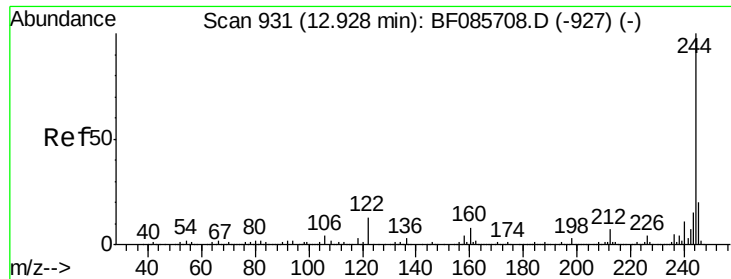


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.78



Time-->



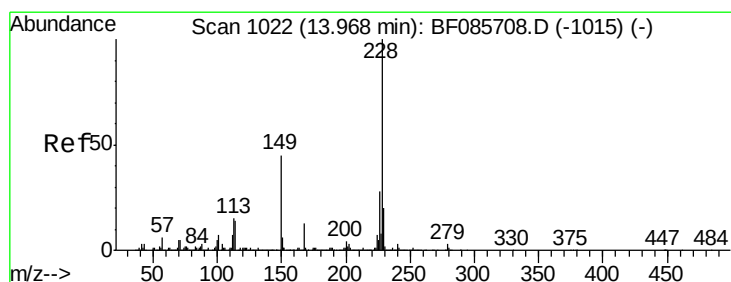
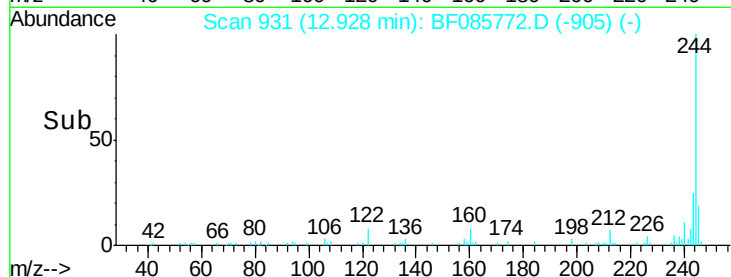
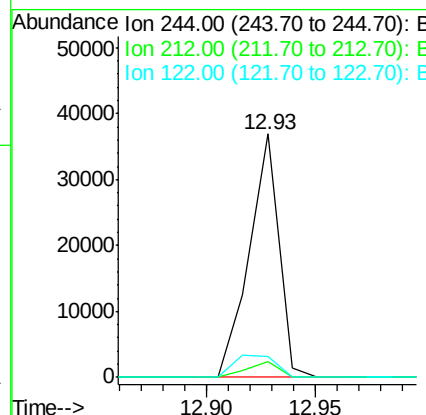
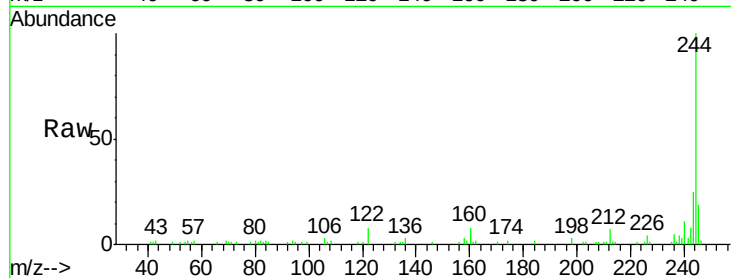
#78
 Terphenyl-d14
 Concen: 2.43 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085772.D
 Acq: 25 Mar 2016 20:17

Instrument :
 BNA_F
 ClientSampled :
 SB-5A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.1	9.1
122	8.5	10.2	15.4

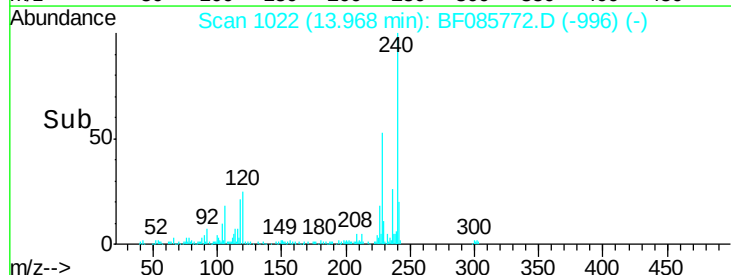
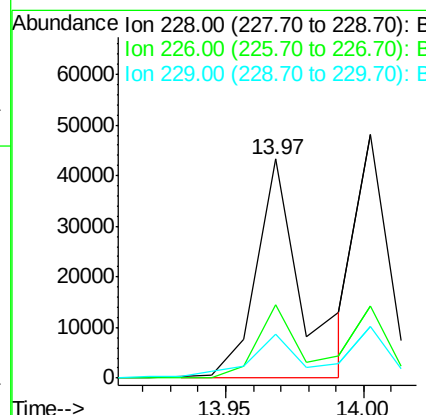
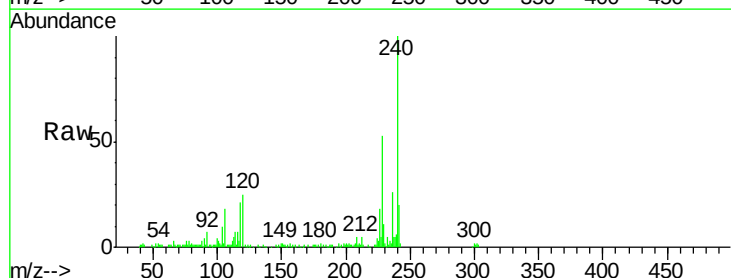
Manual Integrations
 APPROVED

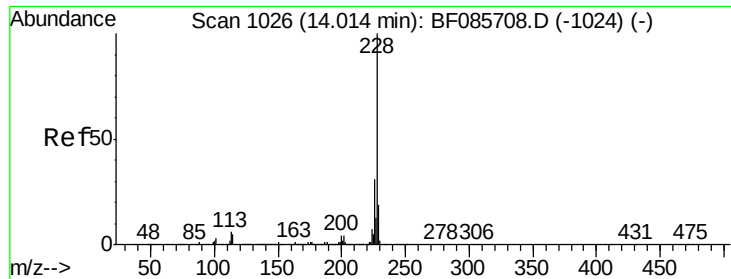
Sohil
 3/28/2016 7:58:00 PM



#80
 Benzo(a)anthracene
 Concen: 2.95 ng m
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF085772.D
 Acq: 25 Mar 2016 20:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	22.1	33.1
229	20.1	16.2	24.4





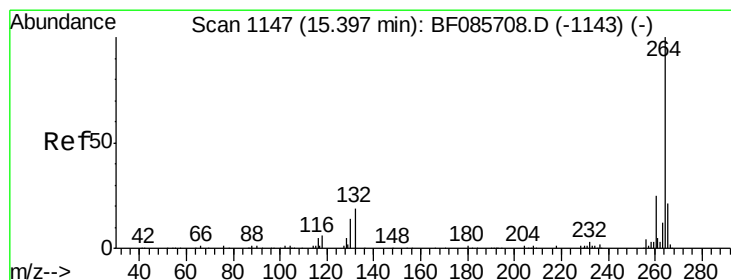
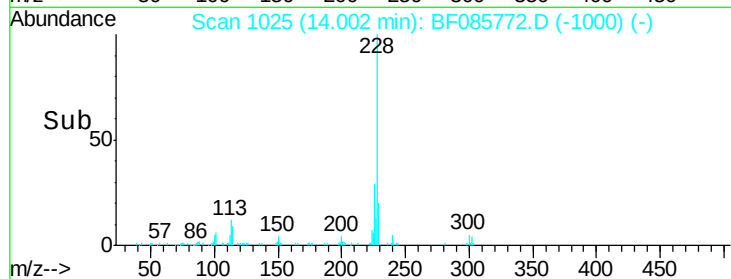
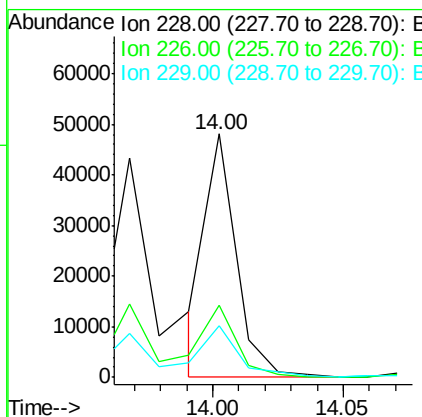
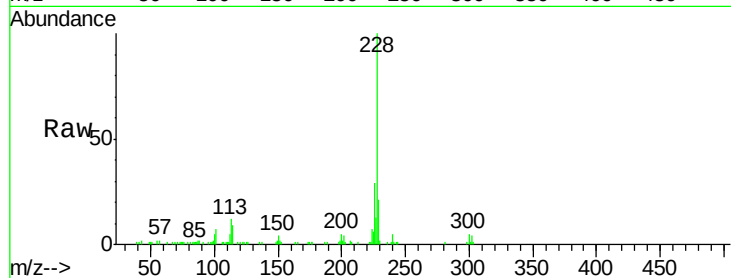
#82
 Chrysene
 Concen: 2.30 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085772.D
 Acq: 25 Mar 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-5A

Tot Ion:	228	Resp:	39082
Ion Ratio	Lower	Upper	
228	100		
226	29.5	25.0	37.6
229	21.4	15.7	23.5

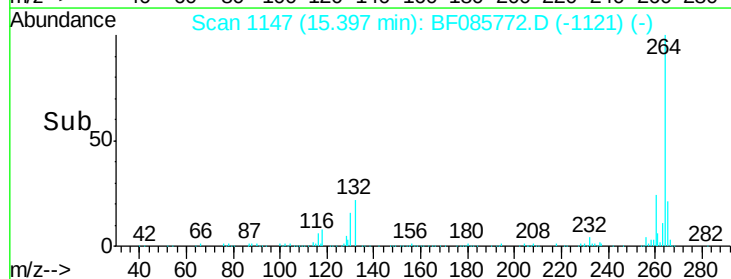
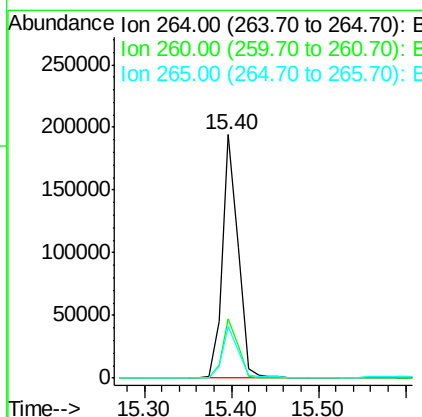
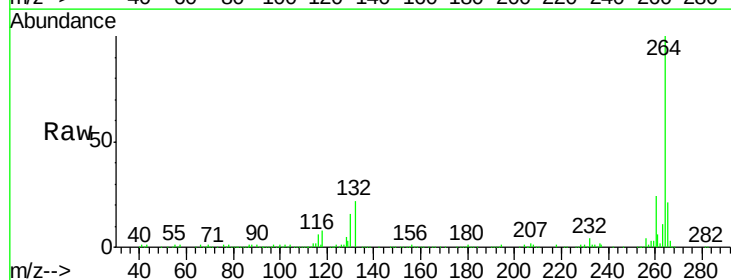
Manual Integrations
 APPROVED

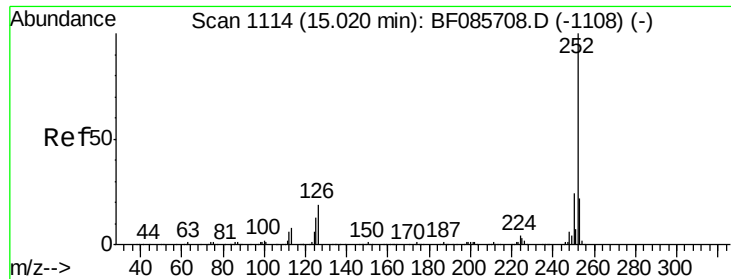
Sohil
 3/28/2016 7:58:00 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085772.D
 Acq: 25 Mar 2016 20:17

Tgt Ion:	264	Resp:	246405
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.4	29.2
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 3.66 ng m

RT: 15.00 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF085772.D

Acq: 25 Mar 2016 20:17

Instrument :

BNA_F

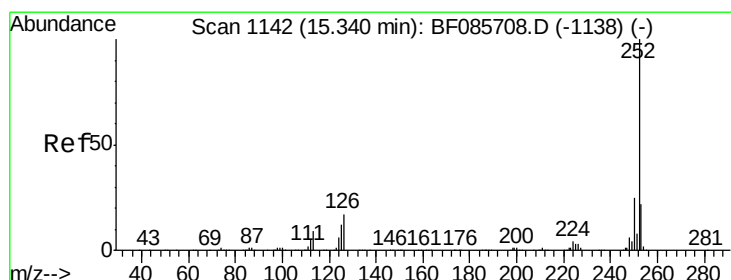
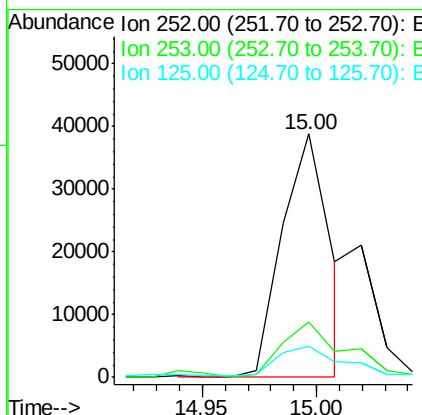
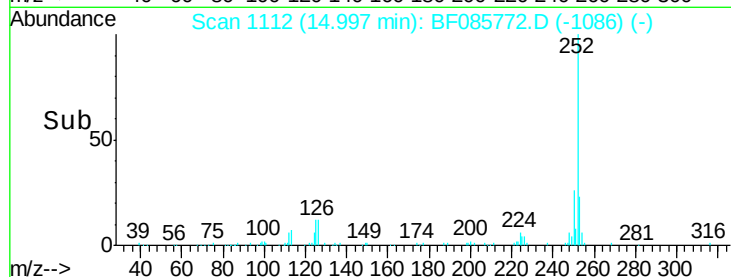
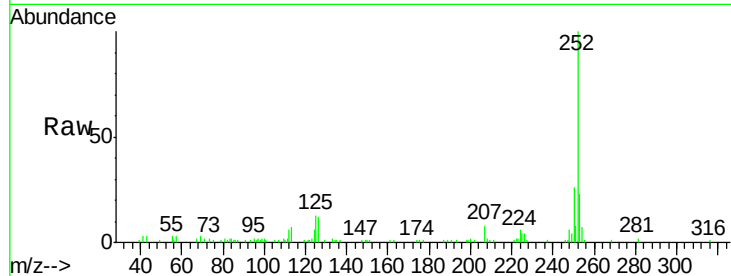
ClientSampleId :

SB-5A

Tot Ion:	252	Resp:	56808
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	12.7	10.3	15.5

Manual Integrations
APPROVED

Sohil
3/28/2016 7:58:00 PM



#89

Benzo(a)pyrene

Concen: 2.59 ng

RT: 15.34 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF085772.D

Acq: 25 Mar 2016 20:17

Tgt Ion:	252	Resp:	35695
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.0
125	12.7	10.3	15.5

