

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085787.D
 Acq On : 26 Mar 2016 3:25
 Operator : UM/SJ
 Sample : H1923-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-PG-A(0-6)

Manual Integrations
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Sohil
 3/28/2016 8:00:05 PM

Quant Time: Mar 26 04:05:50 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	116205	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	425636	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	176364	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	276529	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	240190	20.00	ng	0.00
86) Perylene-d12	15.40	264	192242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	704912	101.03	ng	0.01
7) Phenol-d6	6.46	99	874009	98.52	ng	0.00
23) Nitrobenzene-d5	7.40	82	557635	73.78	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	173834	103.74	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	924800	87.61	ng	0.00
78) Terphenyl-d14	12.93	244	612487	52.44	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	149626	11.18	ng	99
70) Phenanthrene	11.36	178	97810	6.89	ng	98
74) Fluoranthene	12.55	202	203490	13.48	ng	96
77) Pyrene	12.78	202	191201	9.68	ng	99
80) Benzo(a)anthracene	13.97	228	84570	6.17	ng	97
82) Chrysene	14.00	228	78620m	5.70	ng	
83) Bis(2-ethylhexyl)phthalate	13.96	149	29106	2.94	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.78	276	42598	4.00	ng	# 92
87) Benzo(b)fluoranthene	15.00	252	112001m	9.25	ng	
88) Benzo(k)fluoranthene	15.02	252	37303m	3.42	ng	
89) Benzo(a)pyrene	15.34	252	68501	6.37	ng	98
91) Benzo(a,h,i)perylene	17.20	276	39320	3.89	ng	93

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

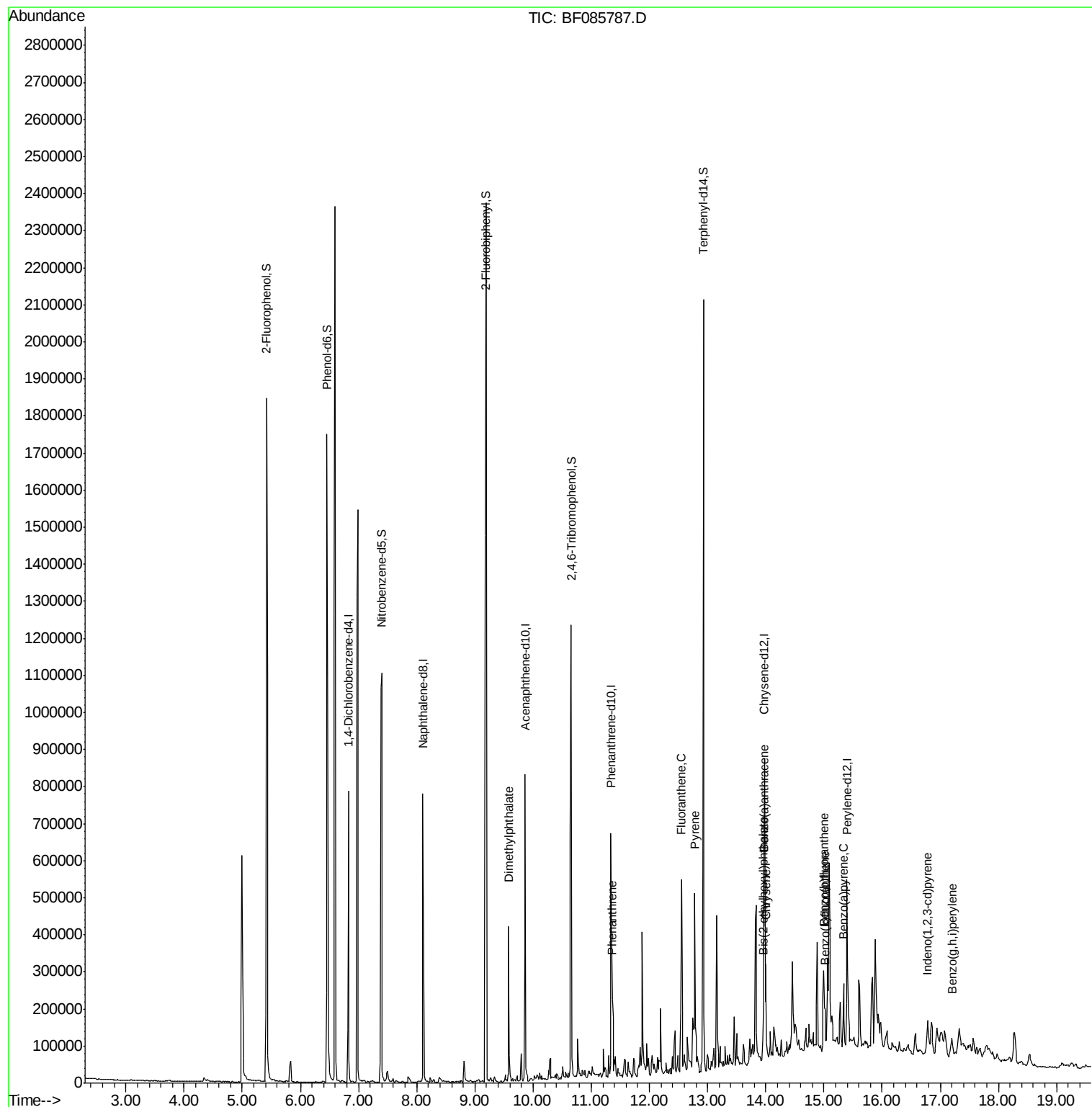
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085787.D
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ALS Vial : 37 Sample Multiplier: 1

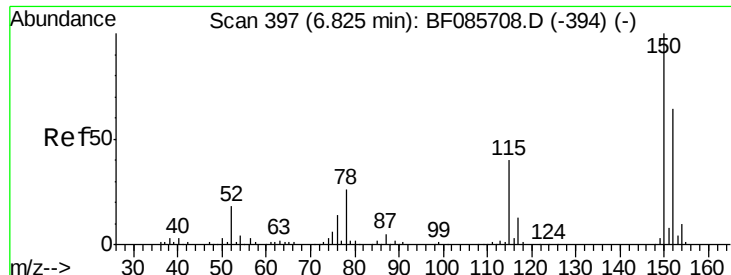
Instrument :
BNA_F
ClientSampleId :
S-PG-A(0-6)

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

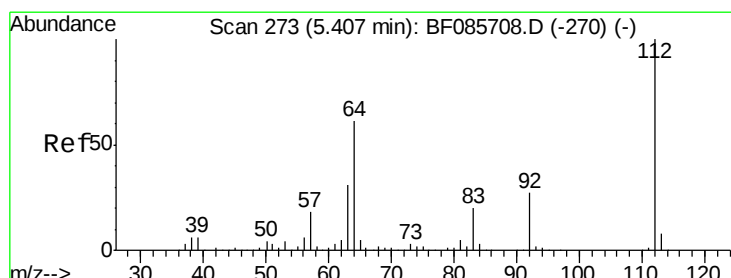
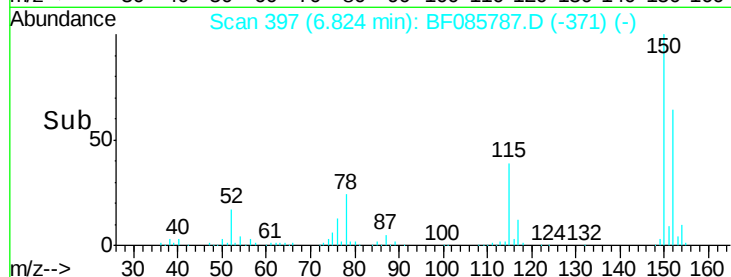
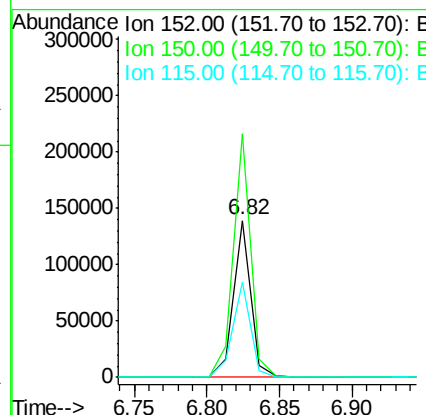
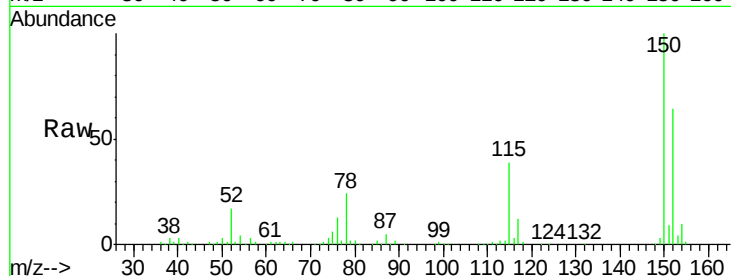
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085787.D
Acq: 26 Mar 2016 3:25

Instrument :
BNA_F
ClientSampleId :
S-PG-A(0-6)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.2	186.2
115	60.7	47.0	70.6

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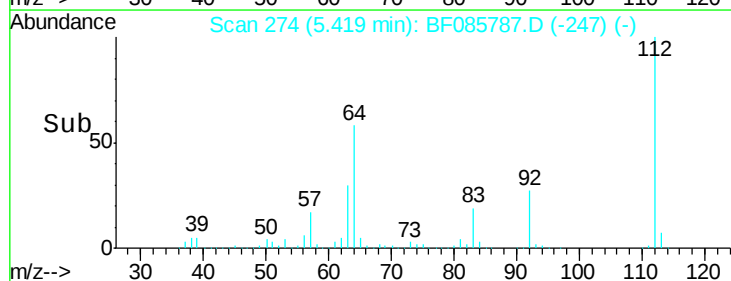
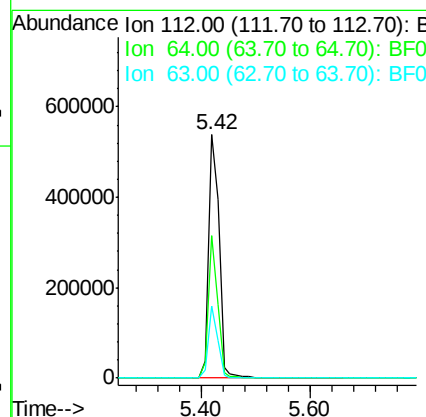
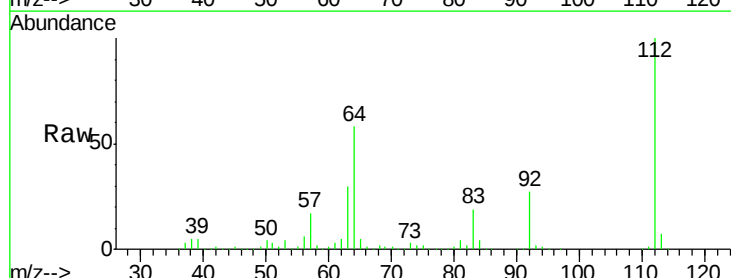
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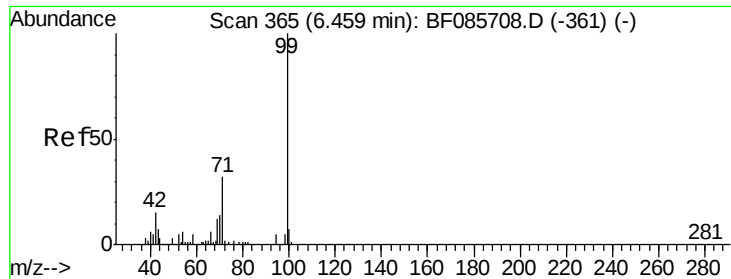


#5

2-Fluorophenol
Concen: 101.03 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085787.D
Acq: 26 Mar 2016 3:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	39.9	59.9
63	29.7	20.2	30.2





#7

Phenol-d6

Concen: 98.52 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085787.D

Acq: 26 Mar 2016 3:25

Instrument :

BNA_F

ClientSampleId :

S-PG-A(0-6)

Tot Ion: 99 Resp: 874009

Ion Ratio Lower Upper

99 100

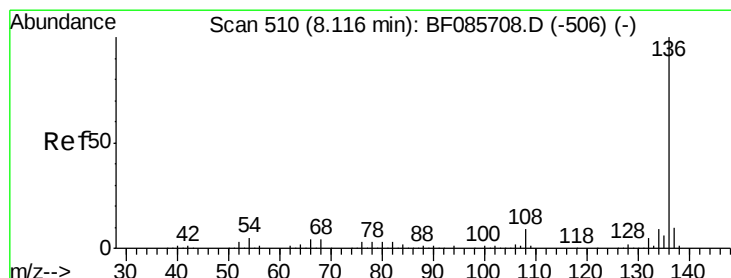
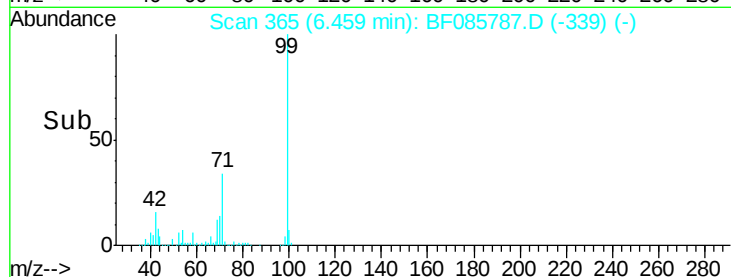
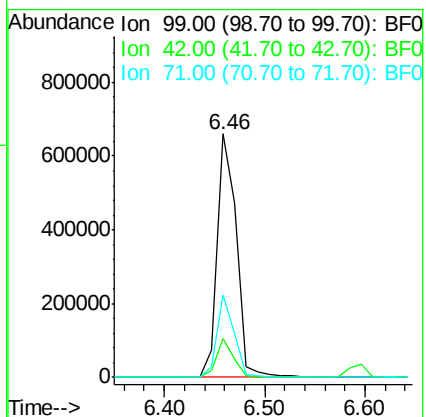
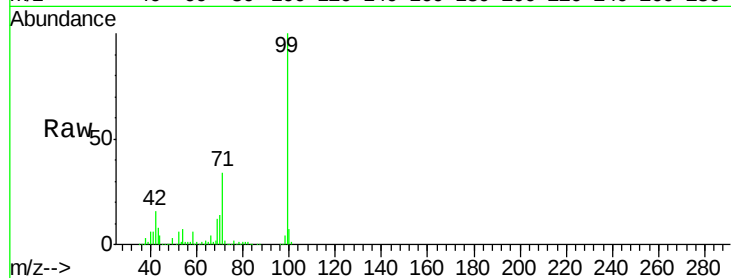
42 16.2 11.1 16.7

71 33.9 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: BF085787.D

Acq: 26 Mar 2016 3:25

Tgt Ion: 136 Resp: 425636

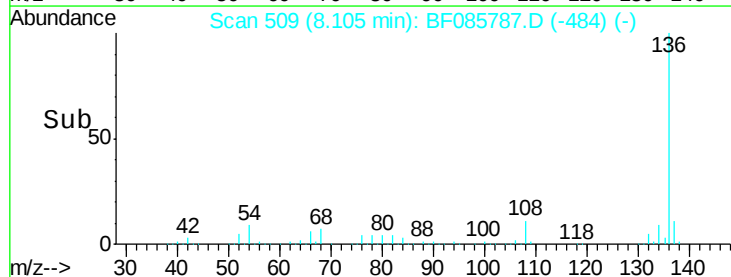
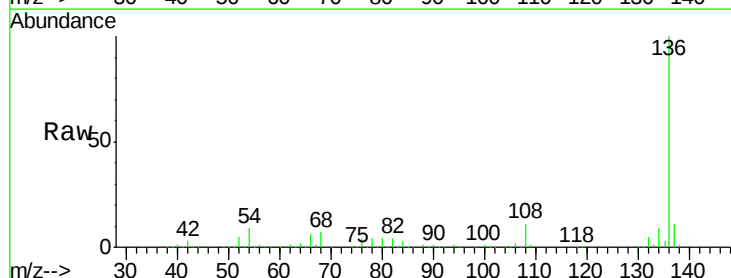
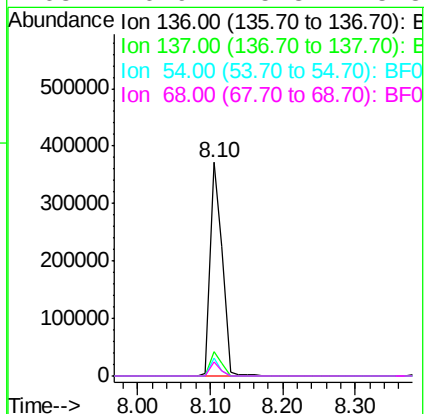
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.7 7.4 11.0

68 6.9 5.8 8.8





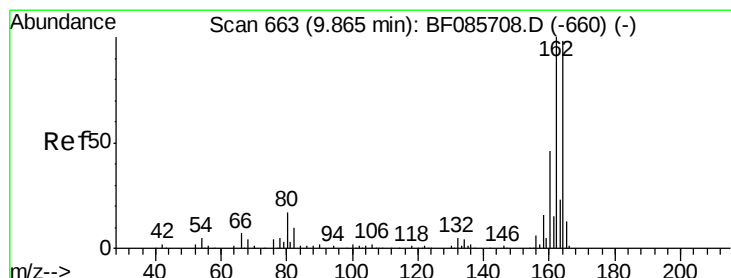
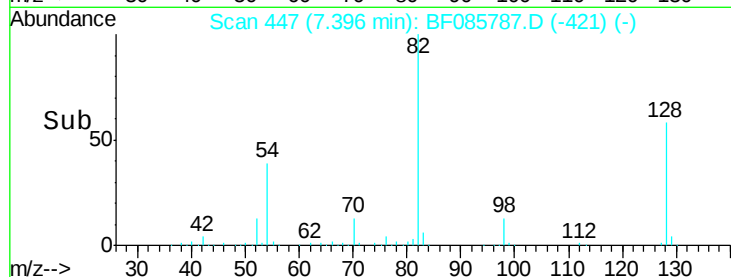
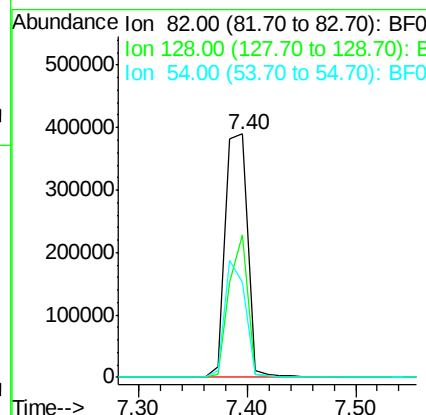
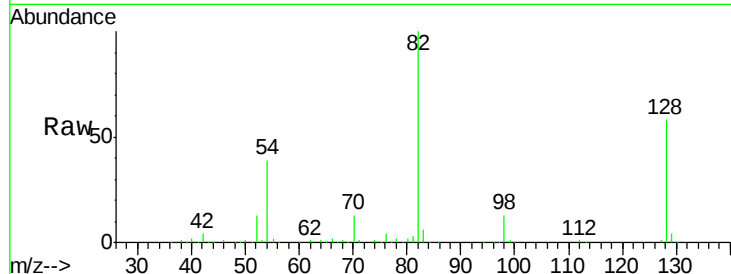
#23
 Nitrobenzene-d5
 Concen: 73.78 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Instrument :
 BNA_F
 ClientSampled :
 S-PG-A(0-6)

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	58.3	41.8	62.8
54	39.2	33.4	50.0

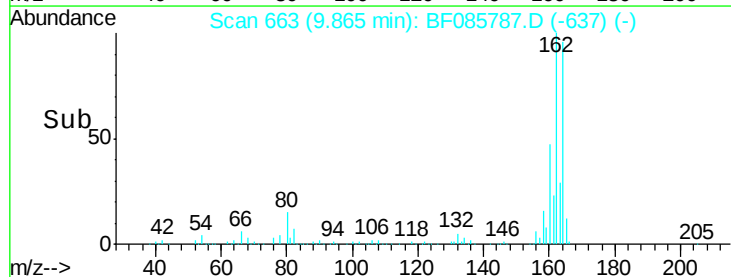
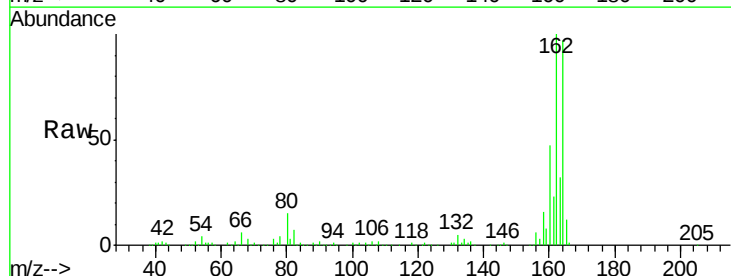
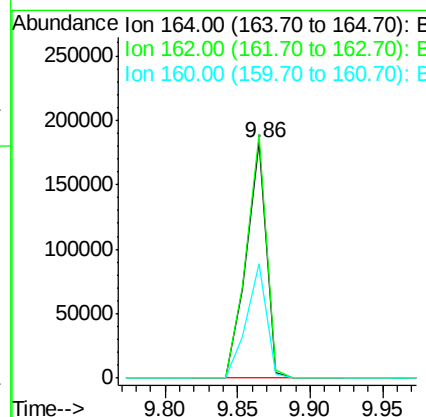
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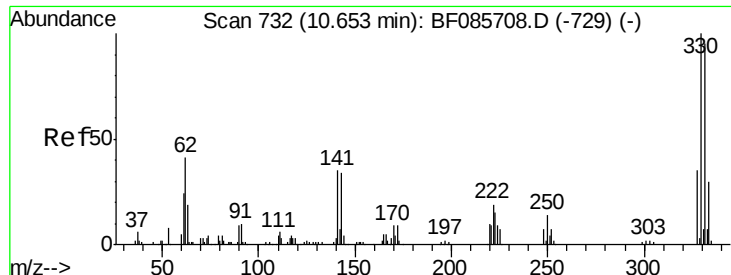
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	103.5	82.1	123.1
160	48.5	37.4	56.2





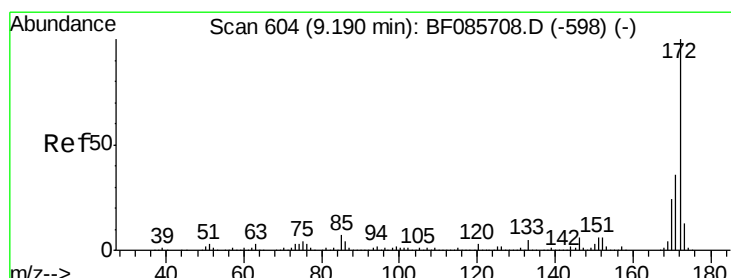
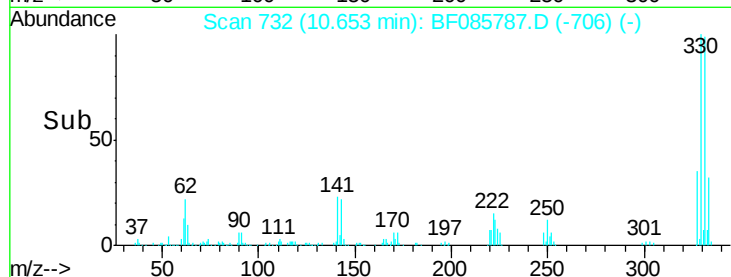
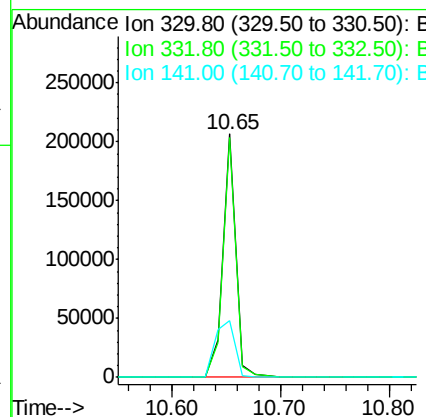
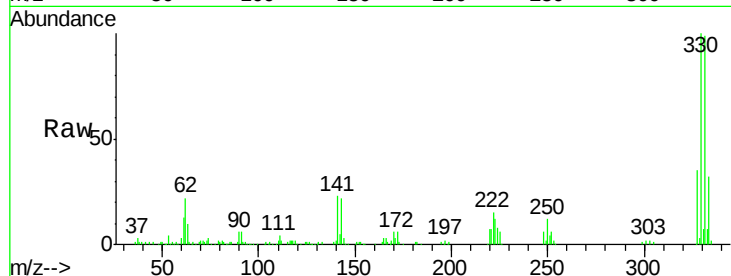
#41
 2,4,6-Tribromophenol
 Concen: 103.74 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Instrument :
 BNA_F
 ClientSampled :
 S-PG-A(0-6)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	173834		
332	98.0	78.2	117.2	
141	36.6	31.5	47.3	

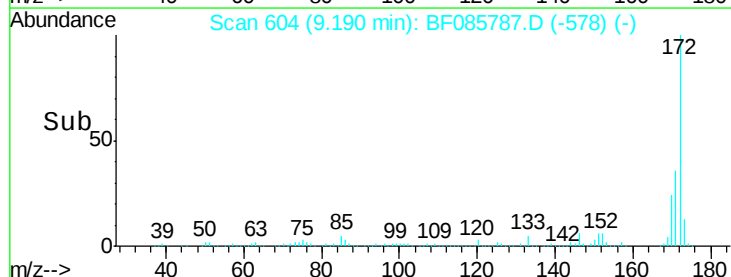
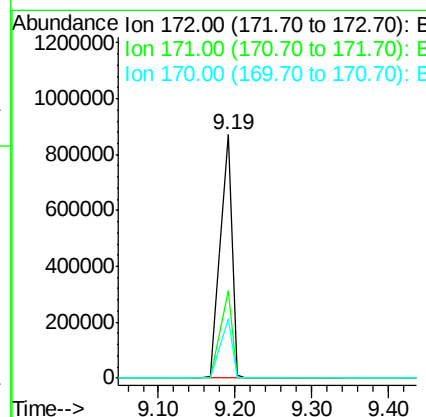
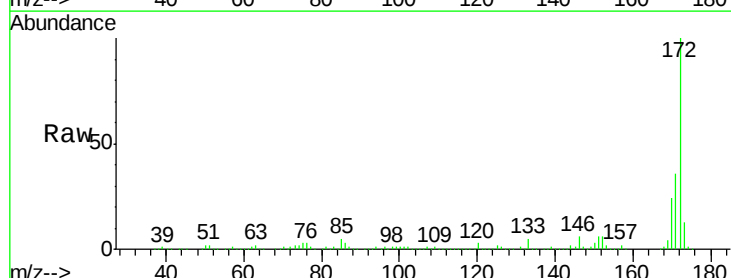
Manual Integrations
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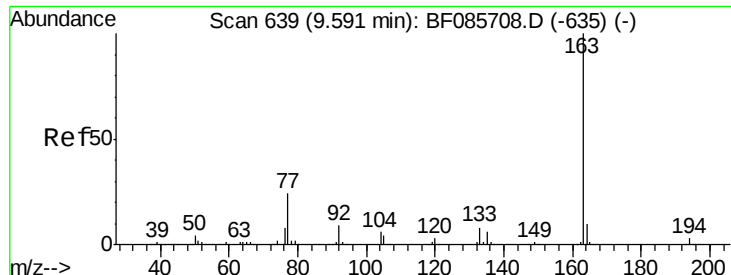
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#44
 2-Fluorobiphenyl
 Concen: 87.61 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085787.D
 Acq: 26 Mar 2016 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	924800		
171	36.0	29.4	44.2	
170	24.4	19.8	29.6	





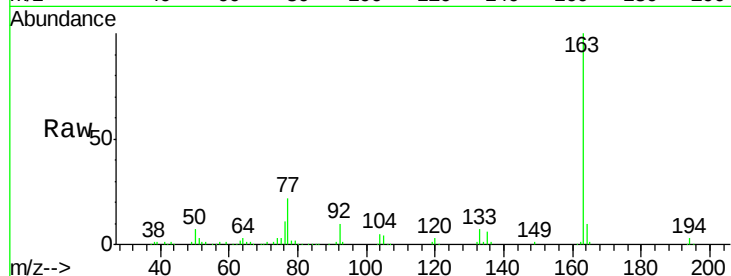
#49
Dimethylphthalate
Concen: 11.18 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085787.D
Acq: 26 Mar 2016 3:25

Instrument :
BNA_F
ClientSampleId :
S-PG-A(0-6)

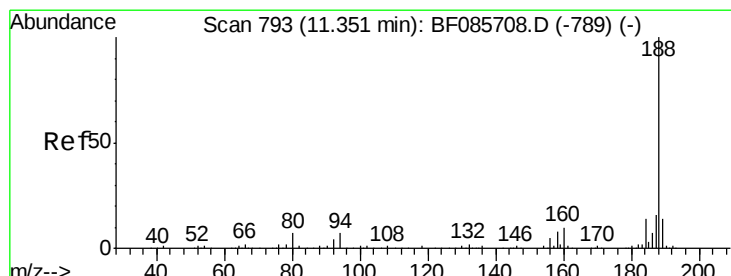
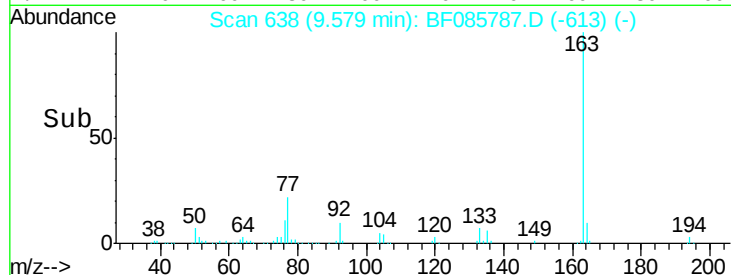
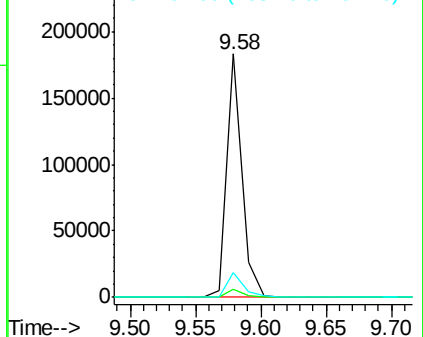
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	2.9	4.3
164	10.0	8.3	12.5

Manual Integrations
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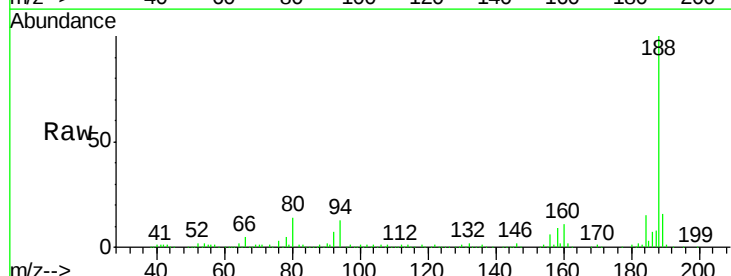


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

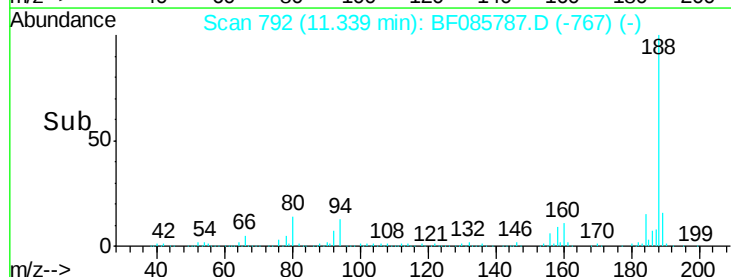
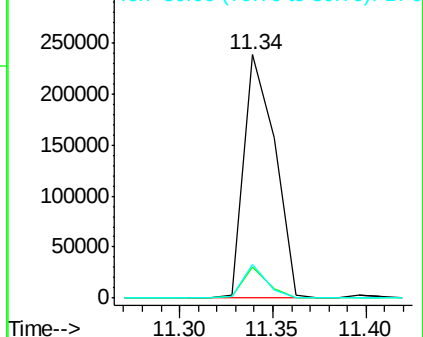


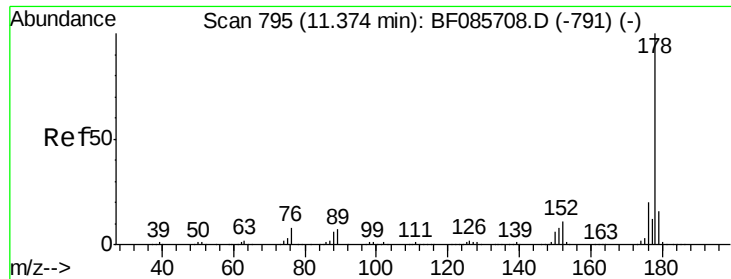
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085787.D
Acq: 26 Mar 2016 3:25

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	12.9	5.4	8.0#
80	14.0	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





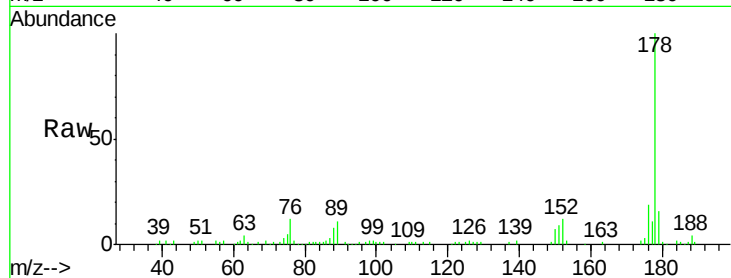
#70
Phenanthrene
Concen: 6.89 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF085787.D
Acq: 26 Mar 2016 3:25

Instrument :
BNA_F
ClientSampleId :
S-PG-A(0-6)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.3	24.5
179	15.8	12.6	18.8

Manual Integrations
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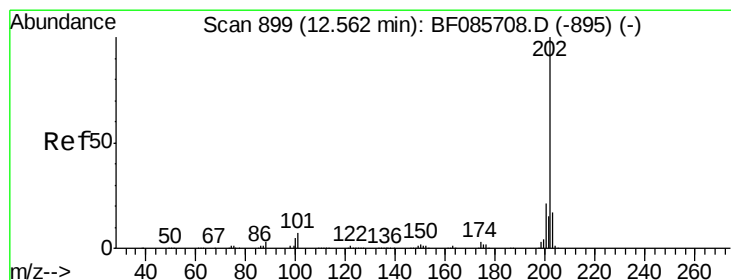
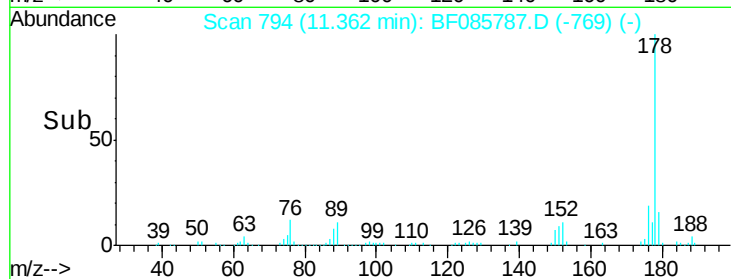
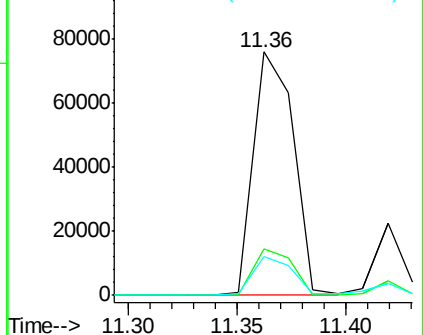


Abundance

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: 13.48 ng
RT: 12.55 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF085787.D
Acq: 26 Mar 2016 3:25

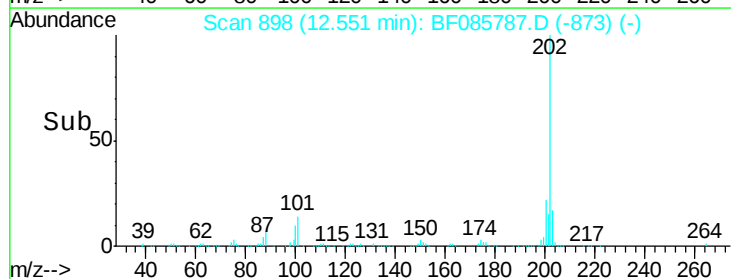
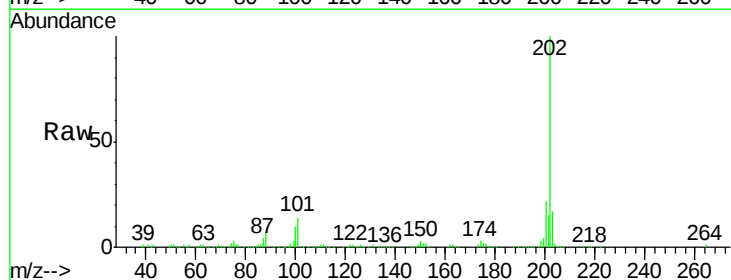
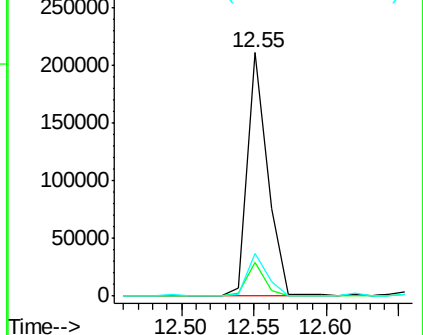
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	36.6
203	17.5	0.0	38.1

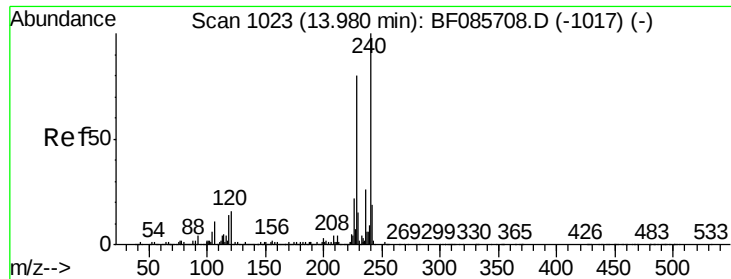
Abundance

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: BF085787.D

Acq: 26 Mar 2016 3:25

Instrument :

BNA_F

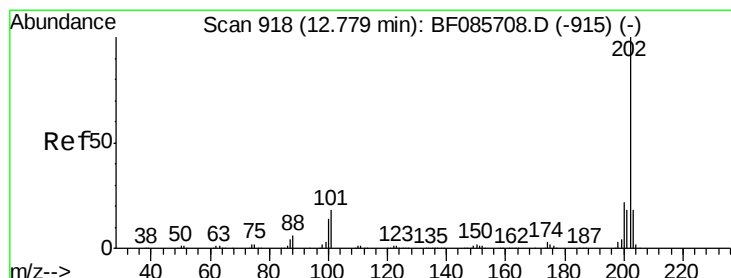
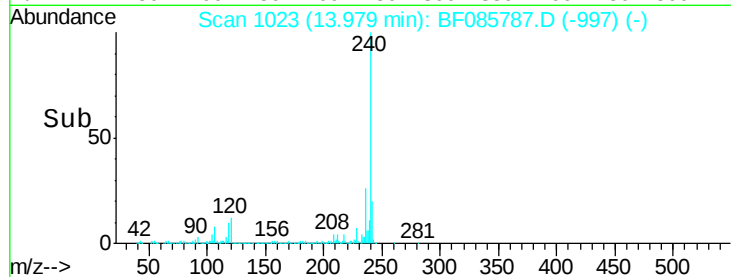
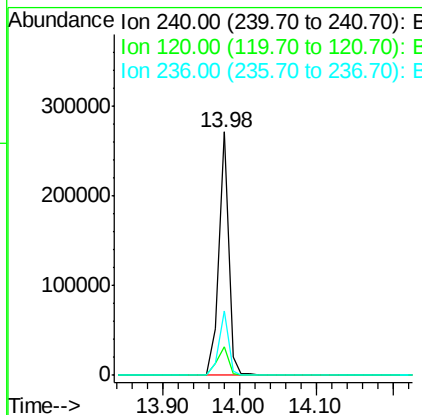
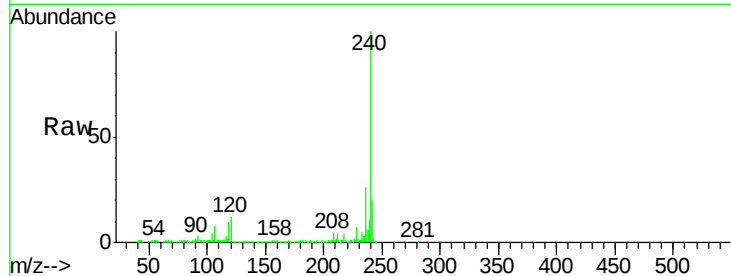
ClientSampleId :

S-PG-A(0-6)

Tot Ion	Ratio	Resp	Lower	Upper
240	100	240190		
120	11.7	13.8	20.8#	
236	26.5	20.6	30.8	

Manual Integrations
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#77

Pyrene

Concen: 9.68 ng

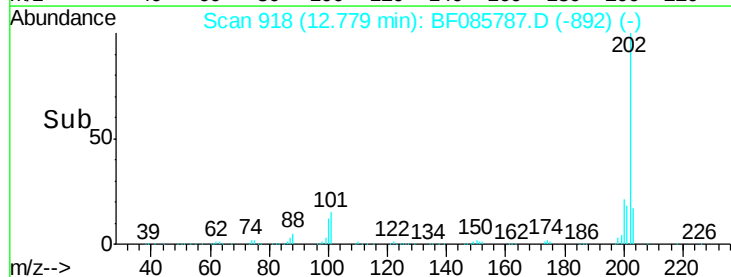
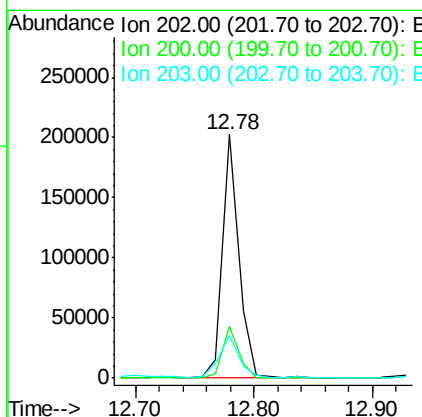
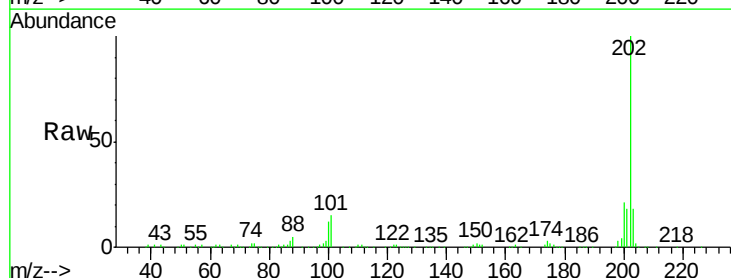
RT: 12.78 min Scan# 918

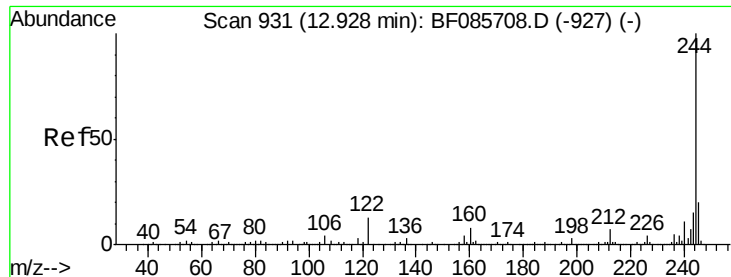
Delta R.T. -0.00 min

Lab File: BF085787.D

Acq: 26 Mar 2016 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	191201		
200	21.3	17.6	26.4	
203	17.7	14.0	21.0	





#78

Terphenyl-d14

Concen: 52.44 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085787.D

Acq: 26 Mar 2016 3:25

Instrument :

BNA_F

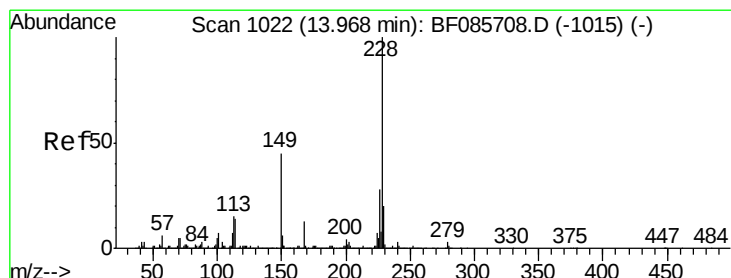
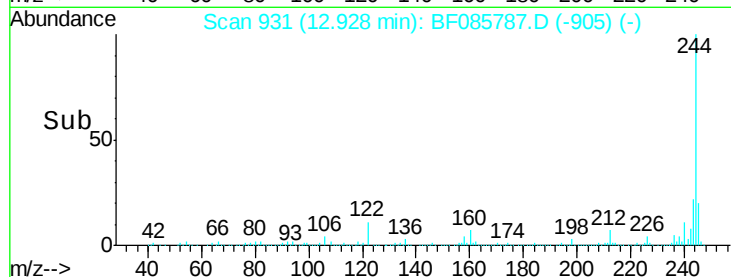
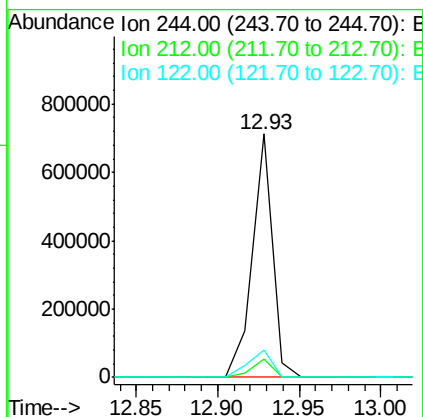
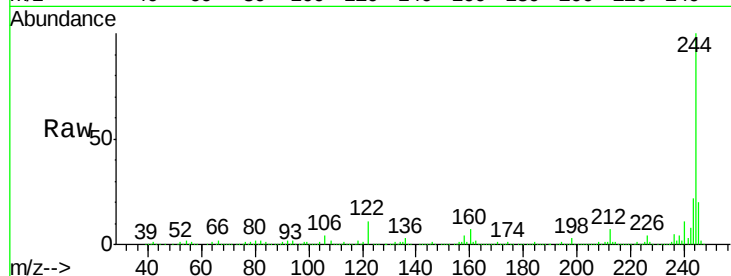
ClientSampleId :

S-PG-A(0-6)

Tot Ion:	244	Resp:	612487
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.1	9.1
122	11.4	10.2	15.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 6.17 ng

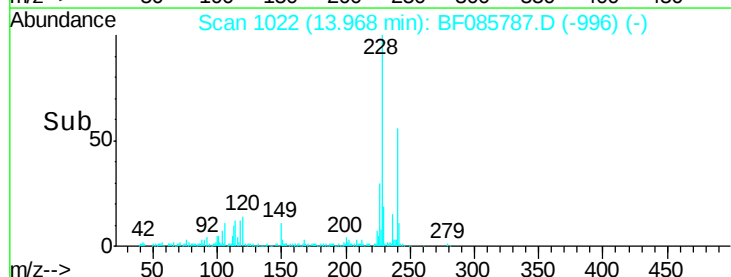
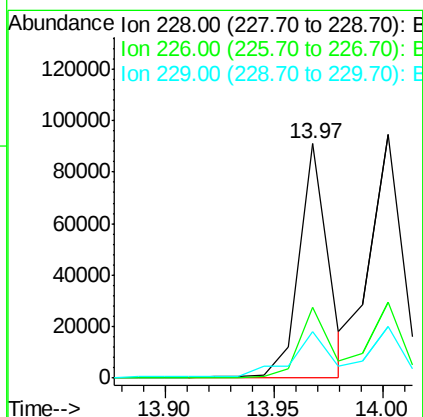
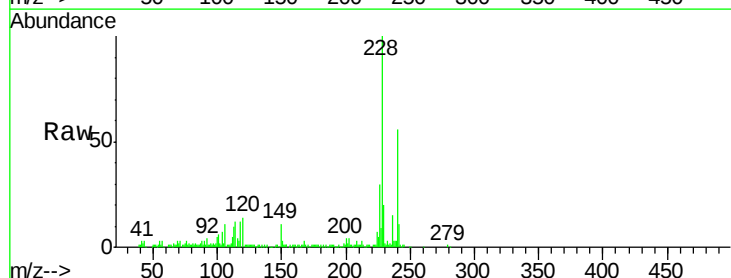
RT: 13.97 min Scan# 1022

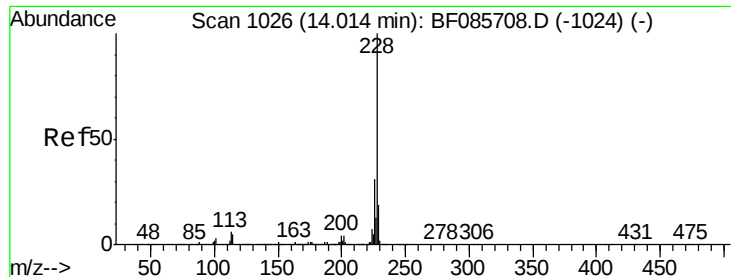
Delta R.T. -0.00 min

Lab File: BF085787.D

Acq: 26 Mar 2016 3:25

Tgt Ion:	228	Resp:	84570
Ion Ratio	Lower	Upper	
228	100		
226	30.1	22.1	33.1
229	20.0	16.2	24.4





#82

Chrysene

Concen: 5.70 ng/mL

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085787.D

Acq: 26 Mar 2016 3:25

Instrument :

BNA_F

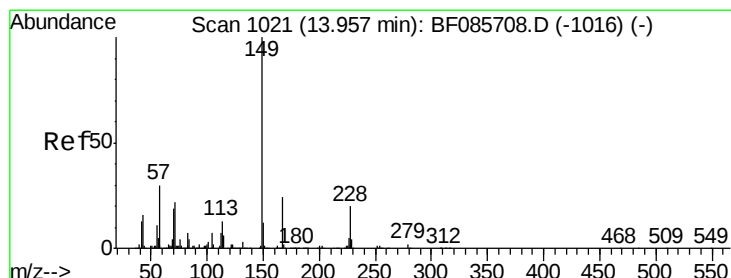
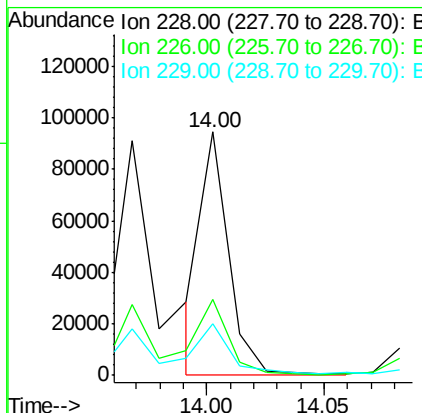
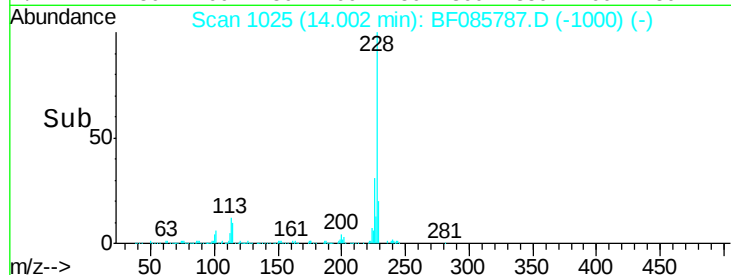
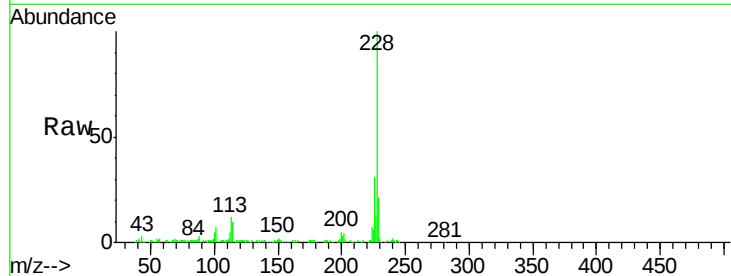
ClientSampleId :

S-PG-A(0-6)

Tot Ion:	228	Resp:	78620
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.0	37.6
229	21.1	15.7	23.5

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.94 ng/mL

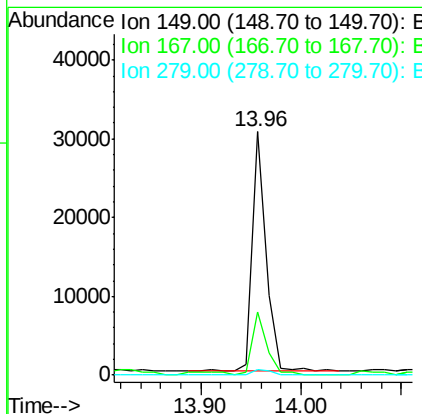
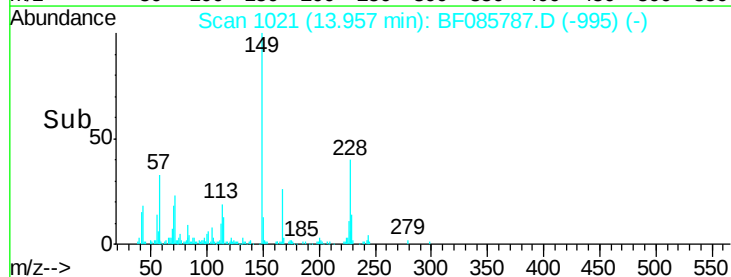
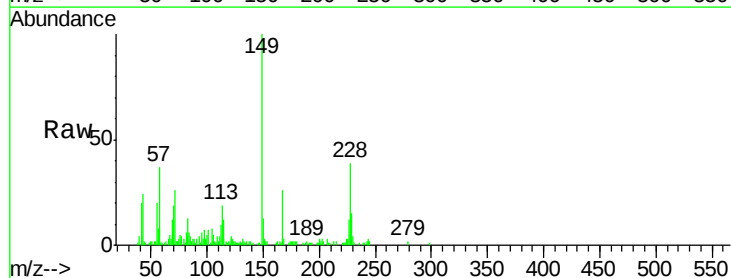
RT: 13.96 min Scan# 1021

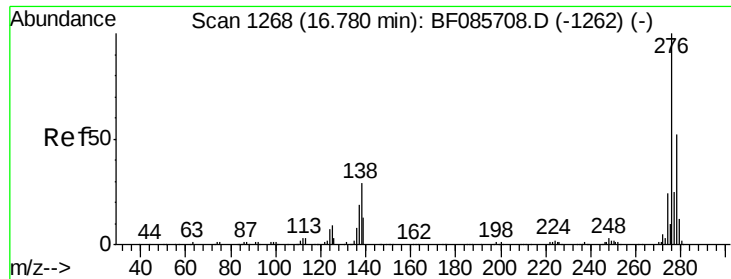
Delta R.T. -0.00 min

Lab File: BF085787.D

Acq: 26 Mar 2016 3:25

Tgt Ion:	149	Resp:	29106
Ion Ratio	Lower	Upper	
149	100		
167	25.9	19.4	29.2
279	2.4	1.5	2.3#





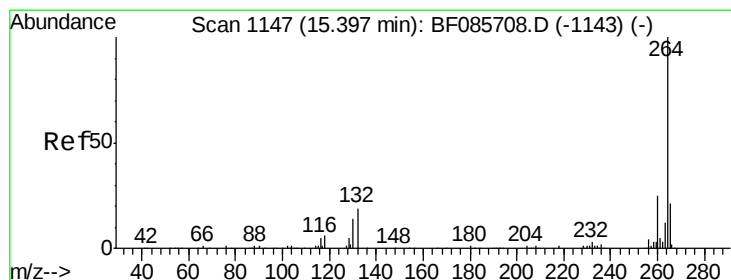
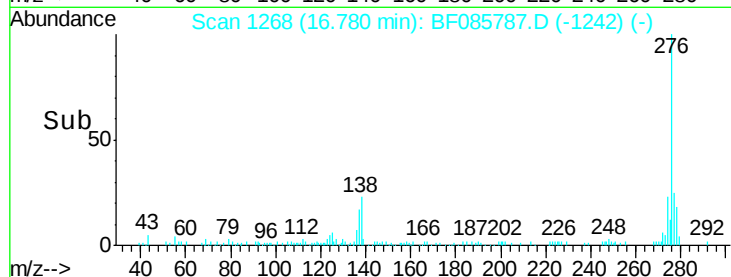
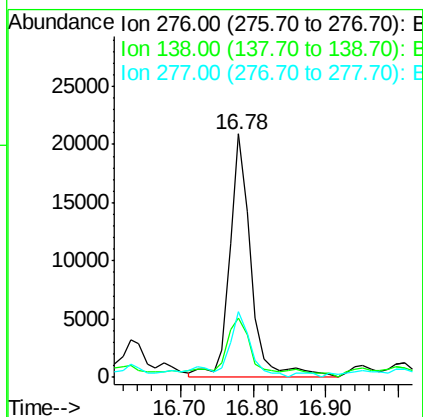
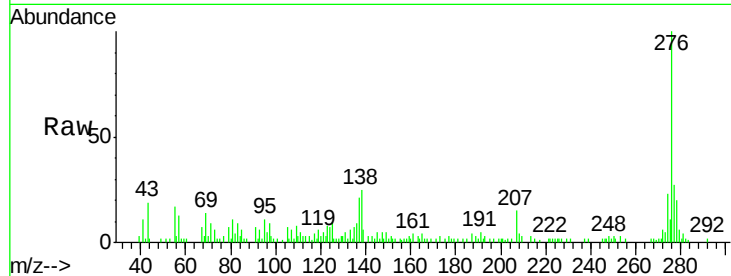
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.00 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF085787.D
Acq: 26 Mar 2016 3:25

Instrument :
BNA_F
ClientSampleId :
S-PG-A(0-6)

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	24.2	36.4#
277	25.6	20.0	30.0

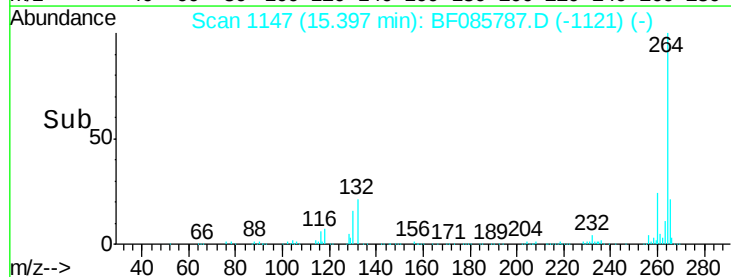
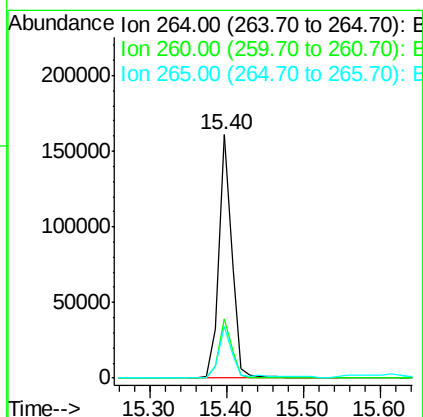
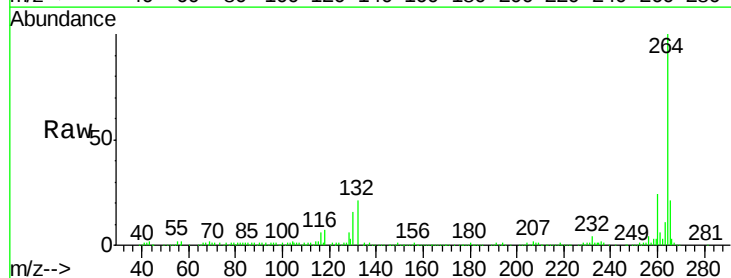
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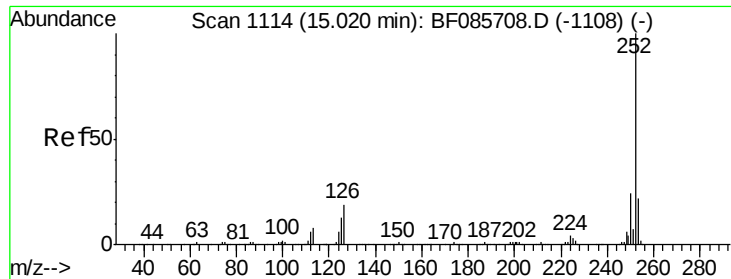
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085787.D
Acq: 26 Mar 2016 3:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 9.25 ng m

RT: 15.00 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF085787.D

Acq: 26 Mar 2016 3:25

Instrument :

BNA_F

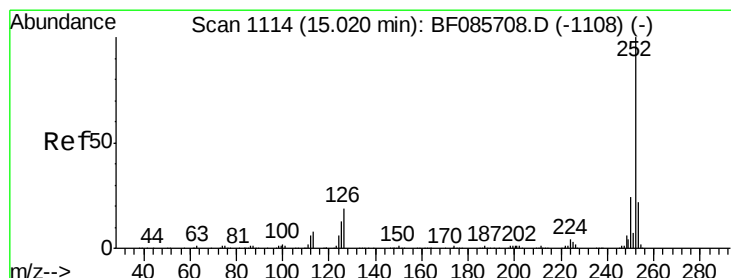
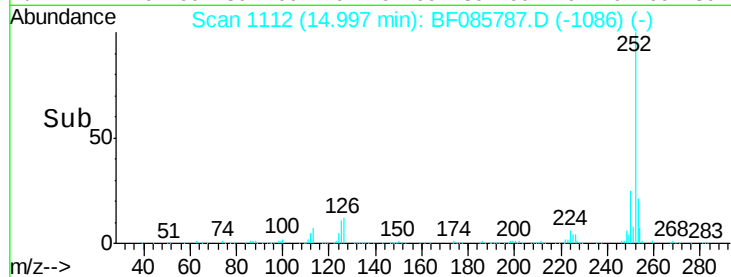
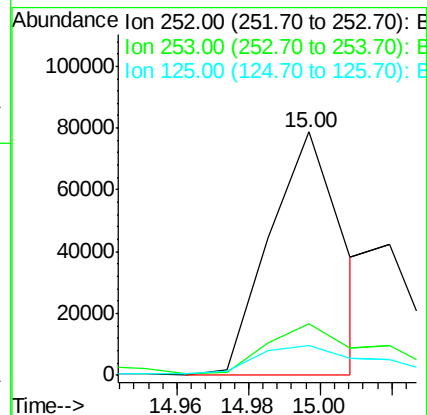
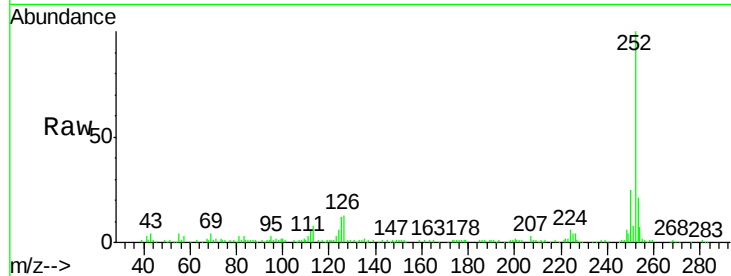
ClientSampleId :

S-PG-A(0-6)

Tot Ion:	252	Resp:	112001
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.6	26.4
125	12.4	10.3	15.5

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.42 ng m

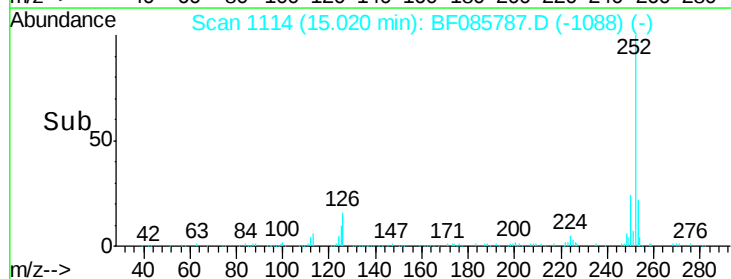
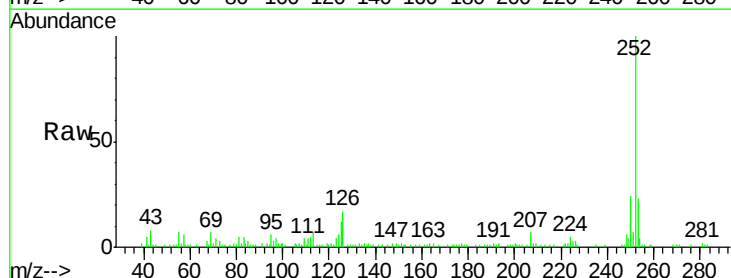
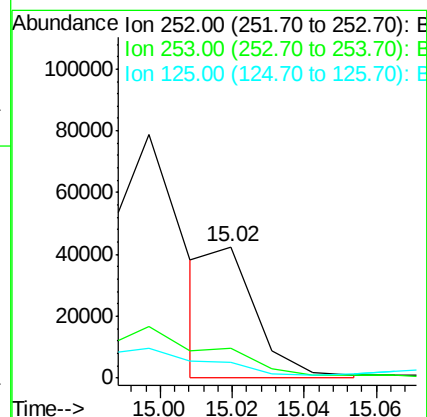
RT: 15.02 min Scan# 1114

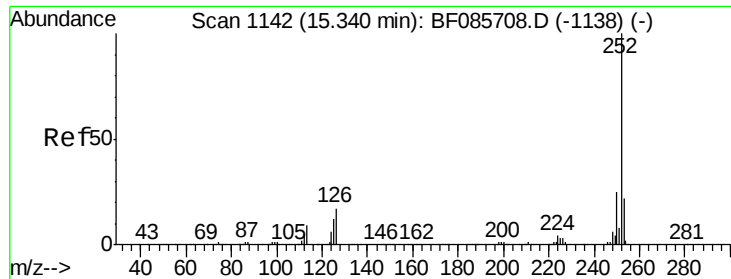
Delta R.T. -0.00 min

Lab File: BF085787.D

Acq: 26 Mar 2016 3:25

Tgt Ion:	252	Resp:	37303
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.6
125	11.6	7.7	11.5#





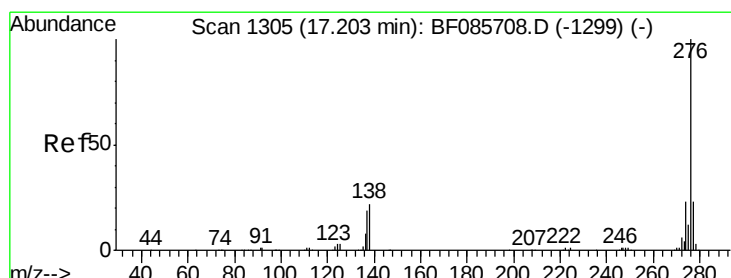
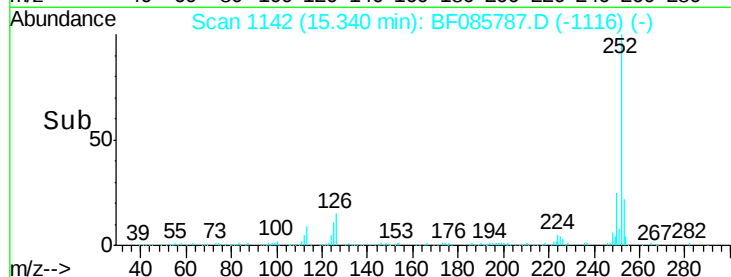
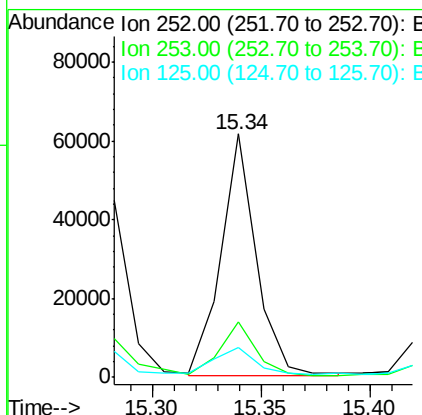
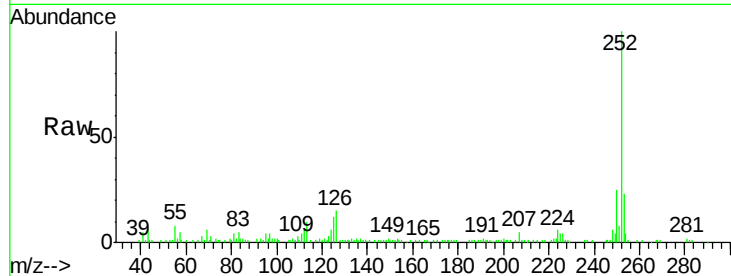
#89
Benzo(a)pyrene
Concen: 6.37 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085787.D
Acq: 26 Mar 2016 3:25

Instrument :
BNA_F
ClientSampleId :
S-PG-A(0-6)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	12.0	10.3	15.5

Manual Integrations
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3/28/2016 8:00:05 PM



#91
Benzo(g,h,i)perylene
Concen: 3.89 ng
RT: 17.20 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF085787.D
Acq: 26 Mar 2016 3:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.8	28.2
138	23.5	22.6	34.0

