

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085789.D
 Acq On : 26 Mar 2016 4:21
 Operator : UM/SJ
 Sample : H1923-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 3/28/2016 8:00:09 PM

Quant Time: Mar 26 05:33:33 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	108447	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	371460	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	153533	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	244078	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	225105	20.00	ng	0.00
86) Perylene-d12	15.40	264	175348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	863770	132.65	ng	0.02
7) Phenol-d6	6.47	99	1155252	139.54	ng	0.01
23) Nitrobenzene-d5	7.40	82	753829	114.28	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	208441	142.89	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	984402	107.12	ng	0.00
78) Terphenyl-d14	12.93	244	621615	56.79	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	155165	13.32	ng	100
70) Phenanthrene	11.36	178	41099	3.28	ng	97
74) Fluoranthene	12.55	202	95608	7.18	ng	97
77) Pyrene	12.78	202	95475	5.16	ng	98
80) Benzo(a)anthracene	13.97	228	43052	3.35	ng	99
82) Chrysene	14.00	228	39333	3.04	ng	97
85) Indeno(1,2,3-cd)pyrene	16.78	276	20516	2.05	ng	# 89
87) Benzo(b)fluoranthene	15.00	252	53045m	4.80	ng	
89) Benzo(a)pyrene	15.34	252	30494	3.11	ng	# 92
91) Benzo(g,h,i)perylene	17.20	276	19379	2.10	ng	96

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

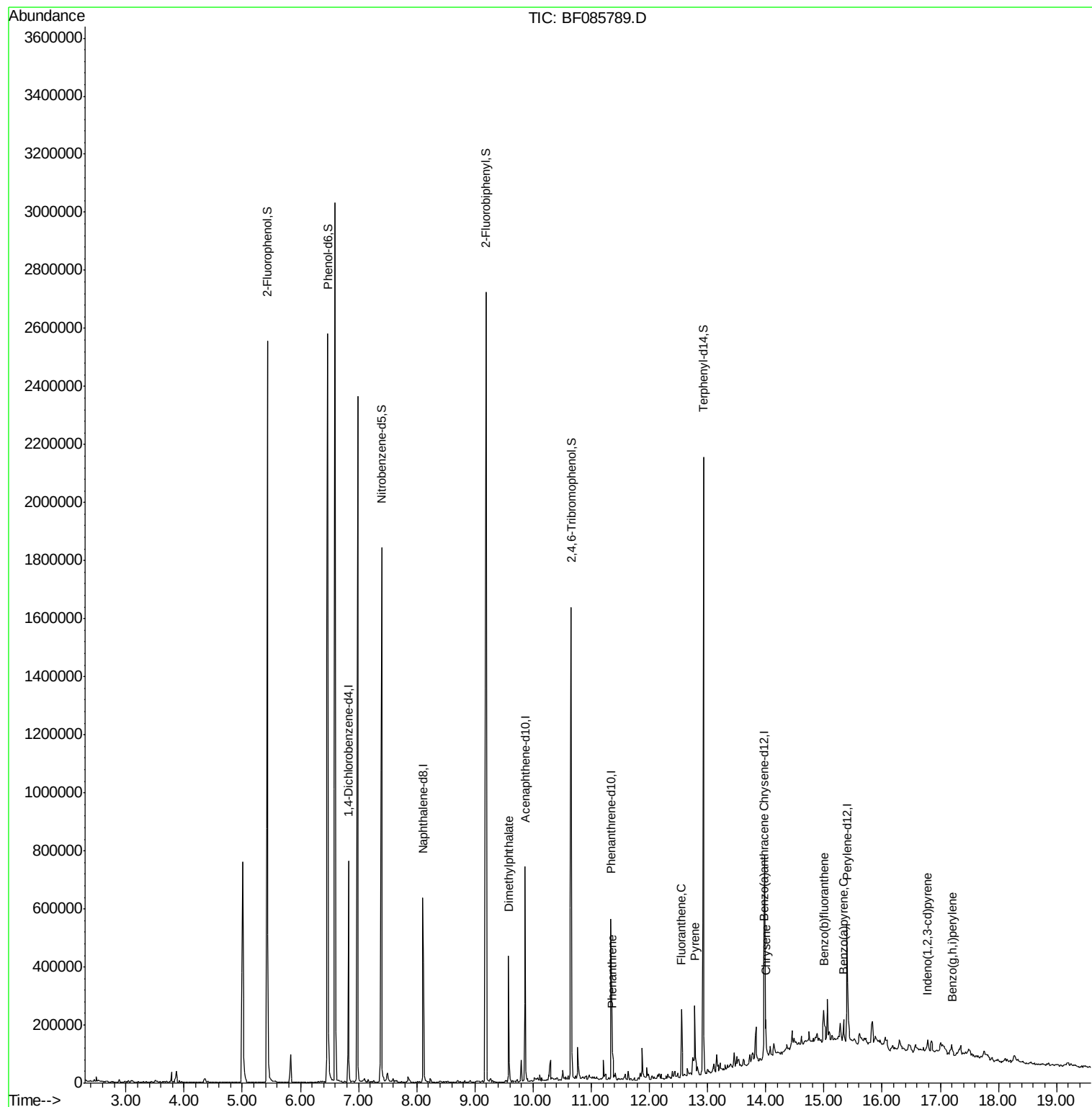
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
Data File : BF085789.D
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Operator : UM/SJ
Sample : H1923-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

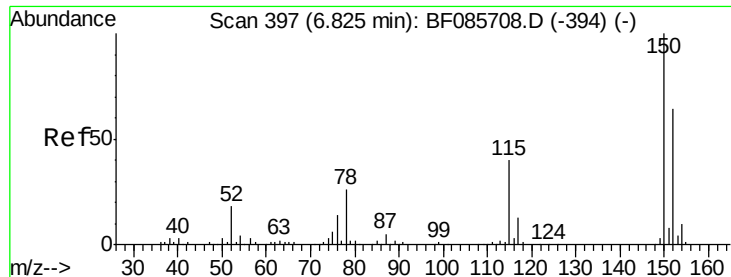
Instrument :
BNA_F
ClientSampleId :
S-PG-B(0-6)

Manual Integrations
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#1

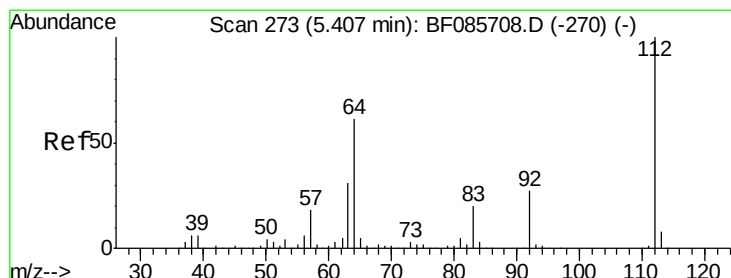
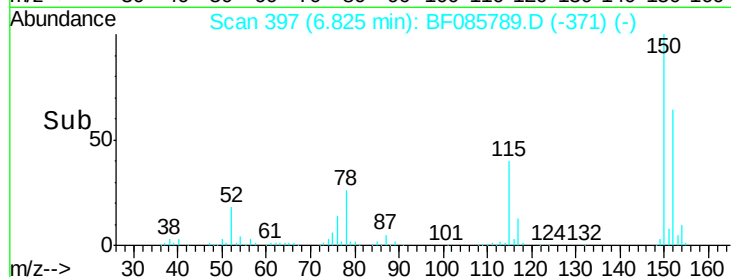
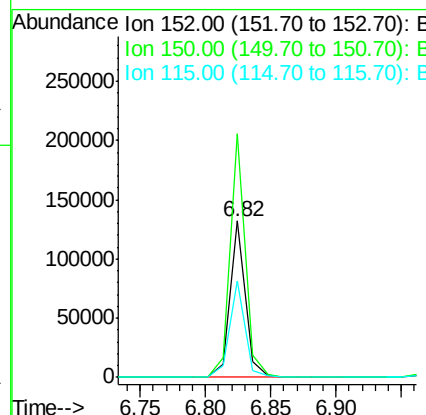
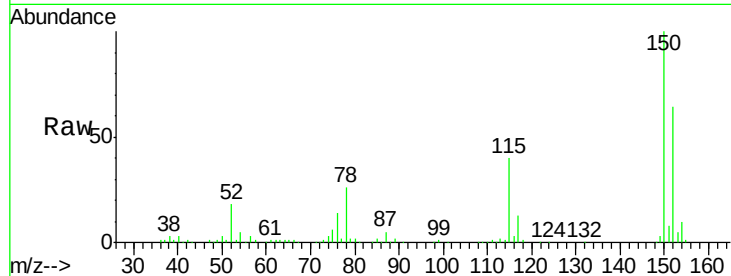
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF085789.D
Acq: 26 Mar 2016 4:21

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.2	186.2
115	62.2	47.0	70.6

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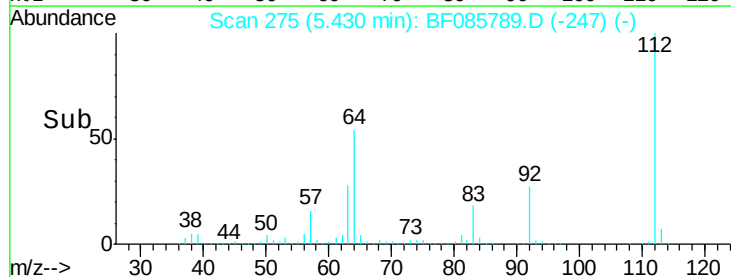
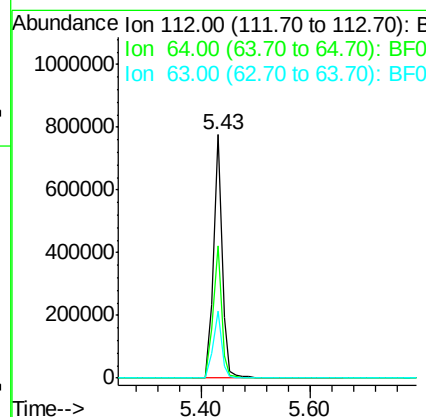
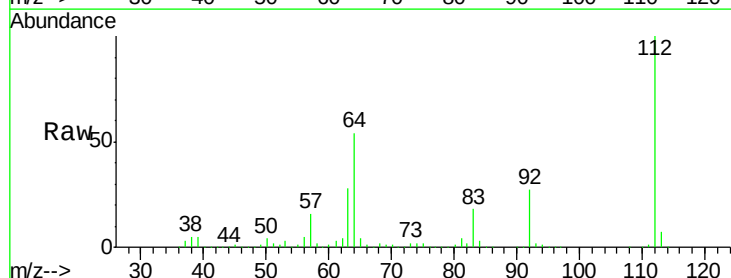
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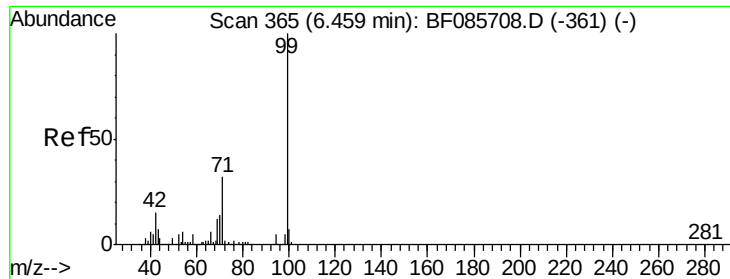


#5

2-Fluorophenol
Concen: 132.65 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF085789.D
Acq: 26 Mar 2016 4:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	39.9	59.9
63	27.7	20.2	30.2





#7

Phenol-d6

Concen: 139.54 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085789.D

Acq: 26 Mar 2016 4:21

Instrument :

BNA_F

ClientSampleId :

S-PG-B(0-6)

Tot Ion: 99 Resp: 1155252

Ion Ratio Lower Upper

99 100

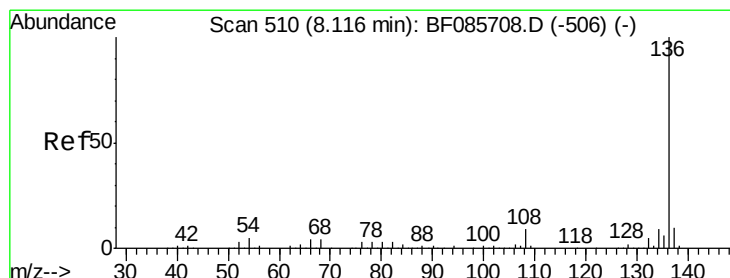
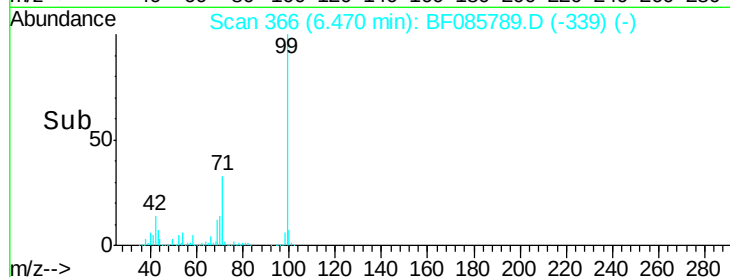
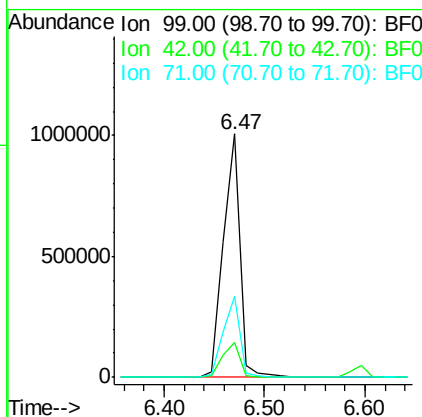
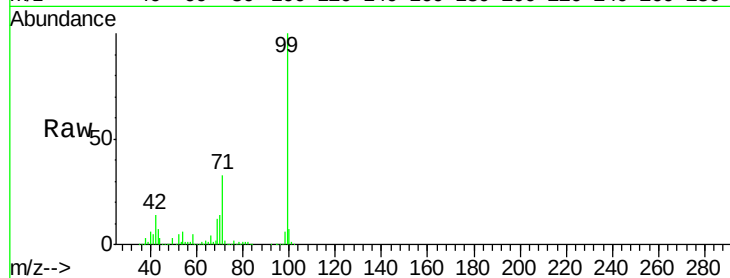
42 14.4 11.1 16.7

71 33.1 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: BF085789.D

Acq: 26 Mar 2016 4:21

Tgt Ion: 136 Resp: 371460

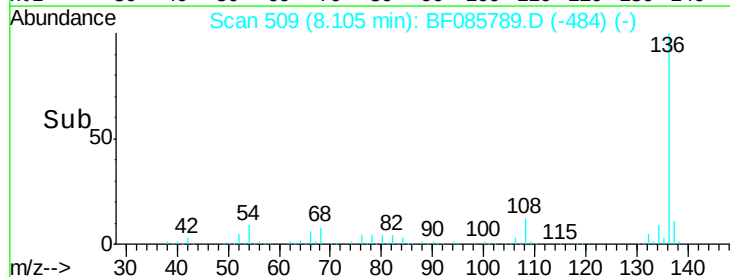
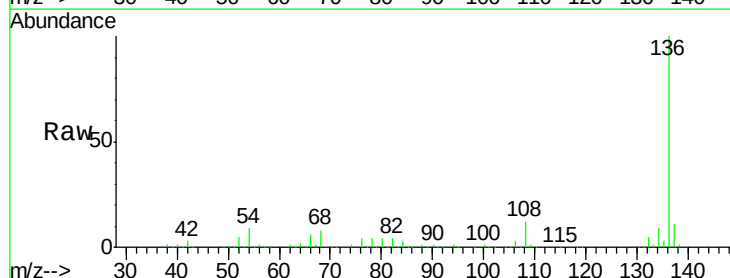
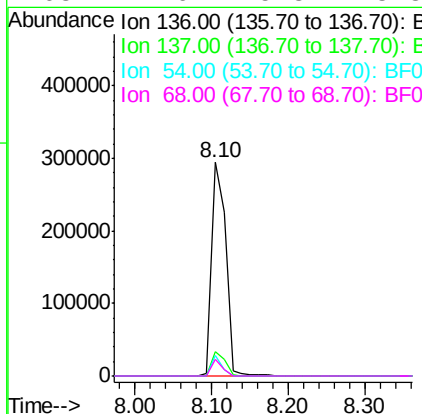
Ion Ratio Lower Upper

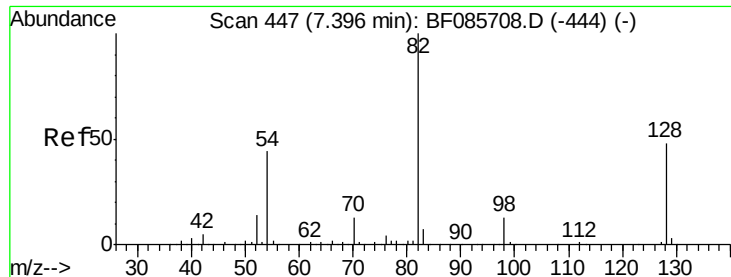
136 100

137 11.3 9.1 13.7

54 9.4 7.4 11.0

68 7.6 5.8 8.8





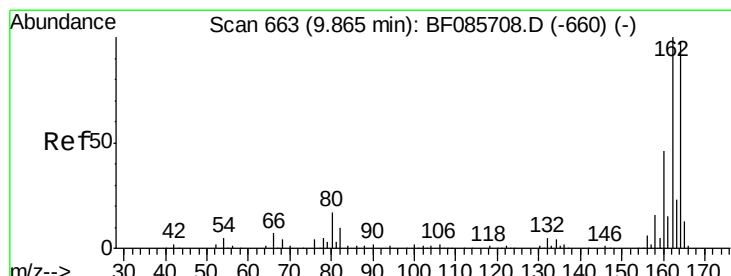
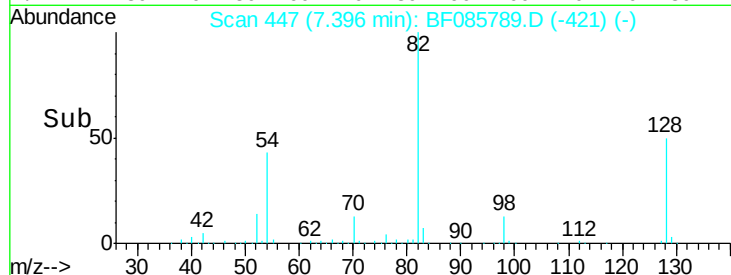
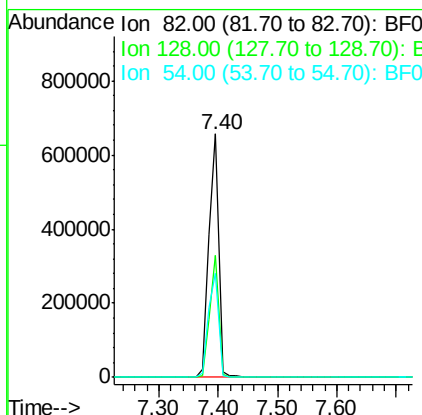
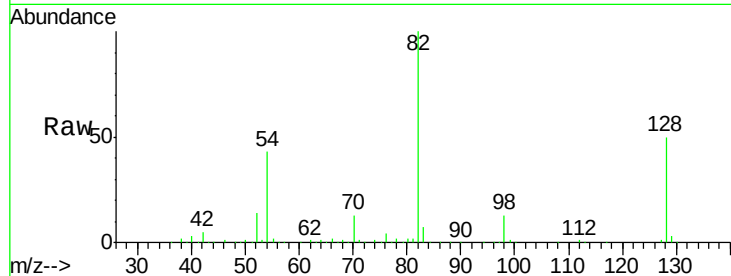
#23
 Nitrobenzene-d5
 Concen: 114.28 ng
 RT: 7.40 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF085789.D
 Acq: 26 Mar 2016 4:21

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.0	41.8	62.8
54	42.9	33.4	50.0

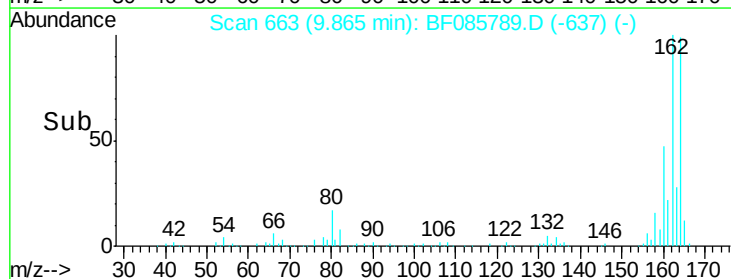
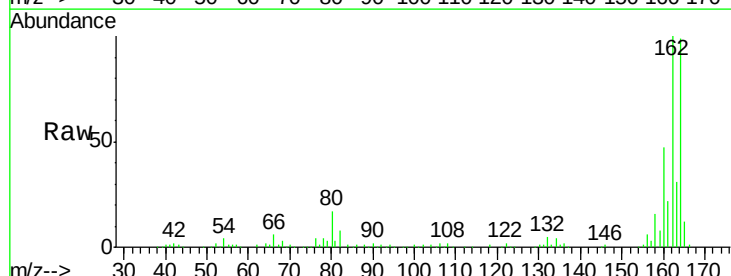
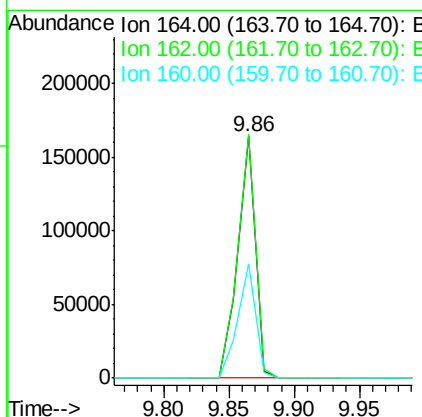
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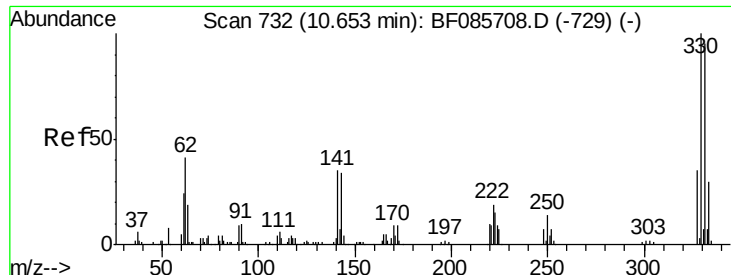
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF085789.D
 Acq: 26 Mar 2016 4:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.1	123.1
160	47.3	37.4	56.2





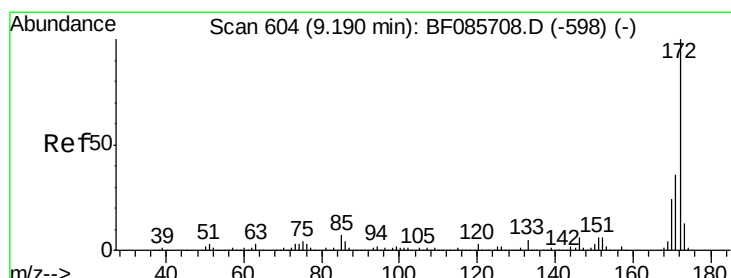
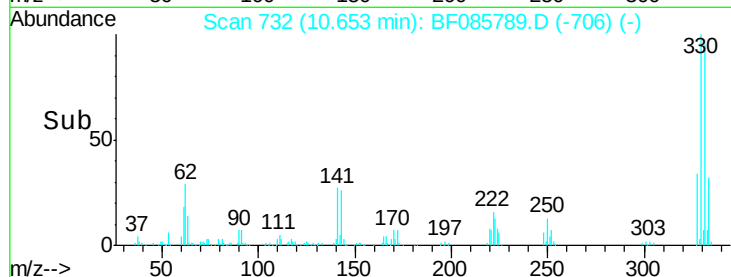
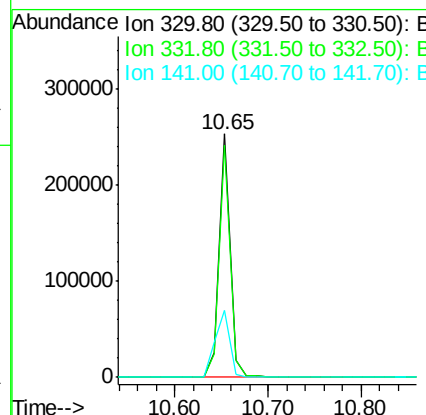
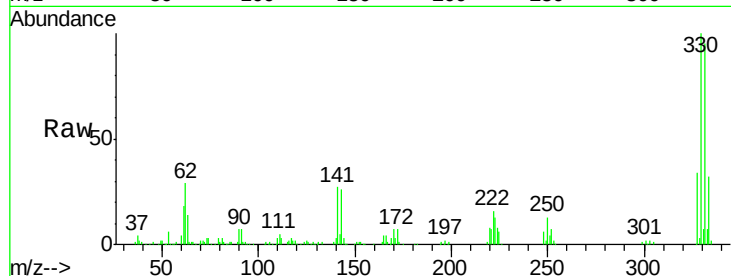
#41
 2,4,6-Tribromophenol
 Concen: 142.89 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF085789.D
 Acq: 26 Mar 2016 4:21

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	208441		
332	95.8	78.2	117.2	
141	36.9	31.5	47.3	

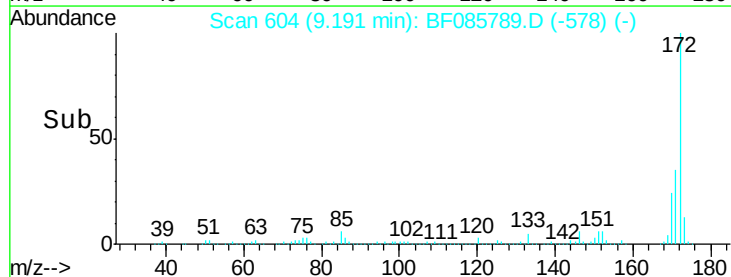
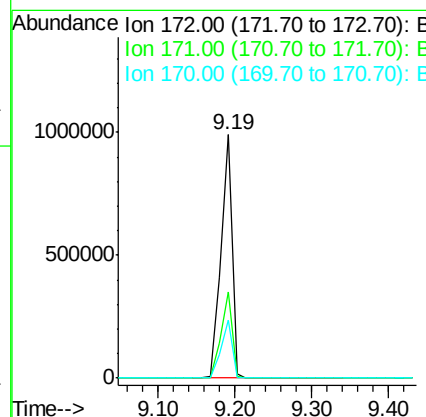
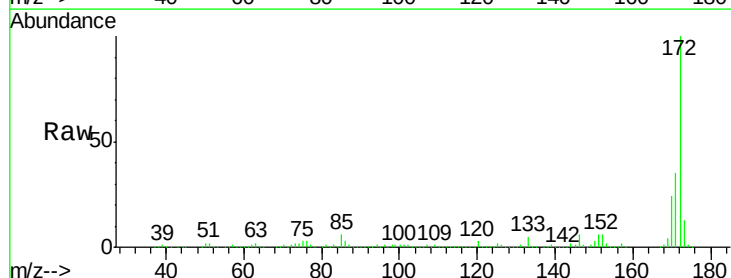
Manual Integrations
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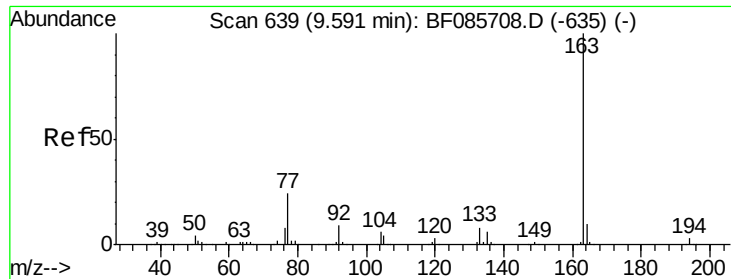
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#44
 2-Fluorobiphenyl
 Concen: 107.12 ng
 RT: 9.19 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF085789.D
 Acq: 26 Mar 2016 4:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	984402		
171	35.4	29.4	44.2	
170	24.0	19.8	29.6	





#49

Dimethylphthalate

Concen: 13.32 ng

RT: 9.58 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF085789.D

Acq: 26 Mar 2016 4:21

Instrument :

BNA_F

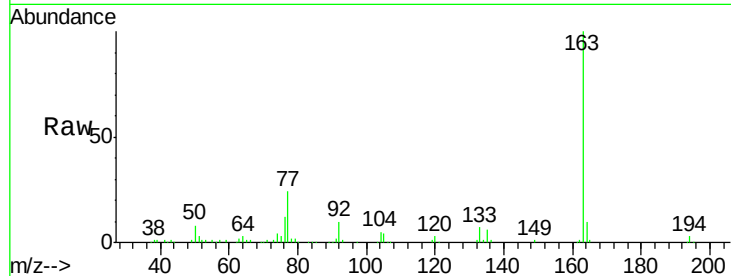
ClientSampleId :

S-PG-B(0-6)

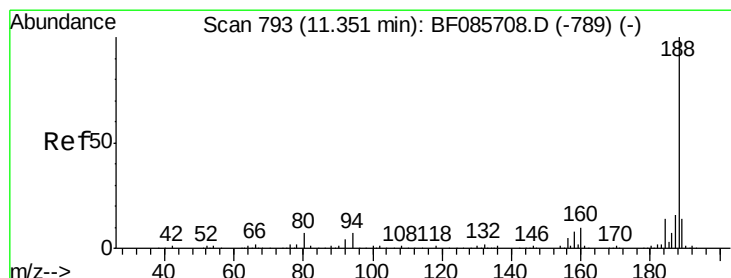
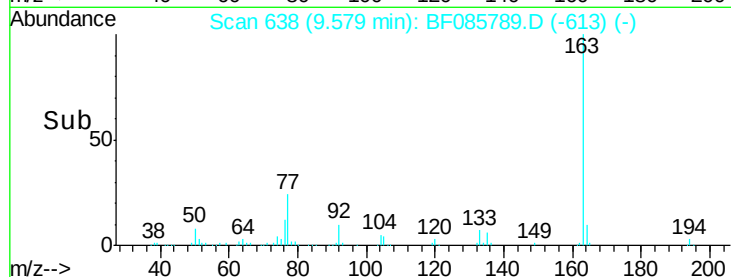
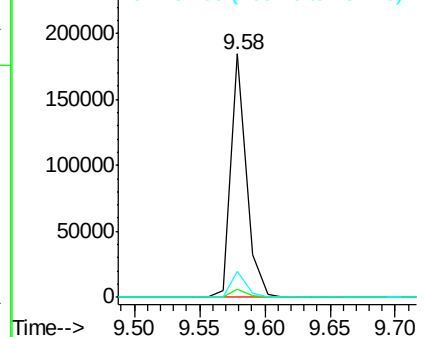
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		155165		
194	3.3		2.9	4.3	
164	10.5		8.3	12.5	

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

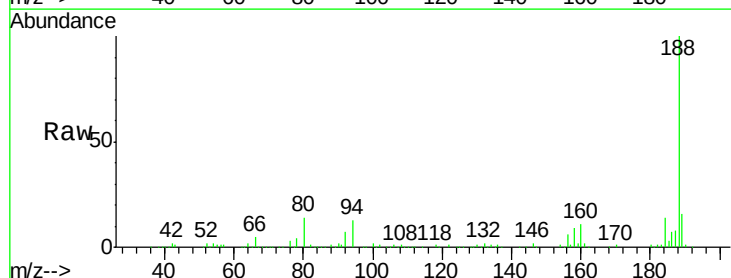
RT: 11.34 min Scan# 792

Delta R.T. -0.01 min

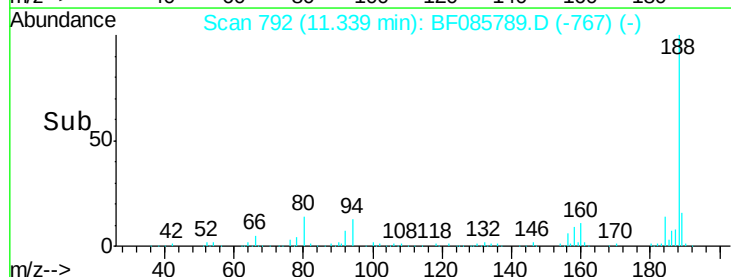
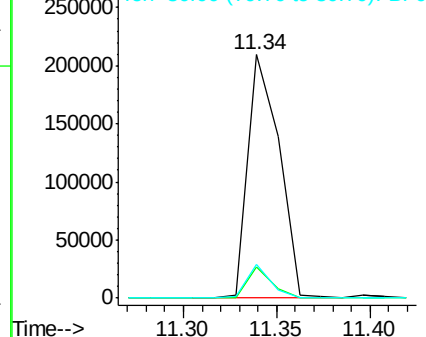
Lab File: BF085789.D

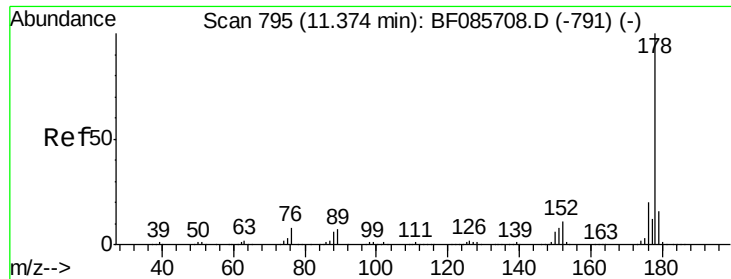
Acq: 26 Mar 2016 4:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		244078		
94	13.0		5.4	8.0#	
80	13.6		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





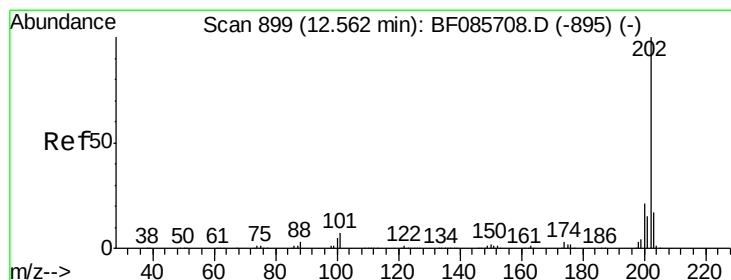
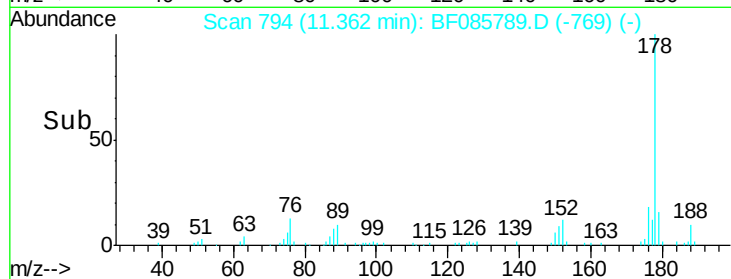
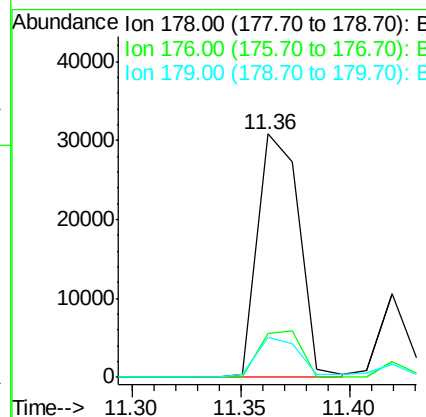
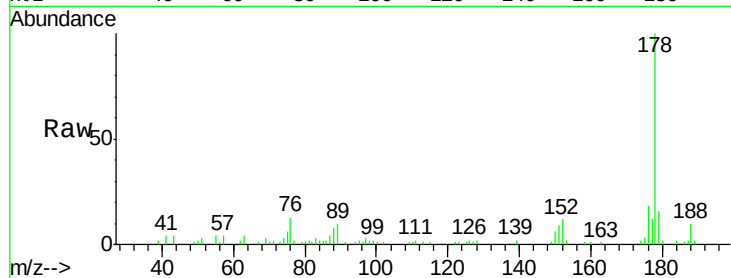
#70
Phenanthrene
Concen: 3.28 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF085789.D
Acq: 26 Mar 2016 4:21

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.3	24.5
179	16.5	12.6	18.8

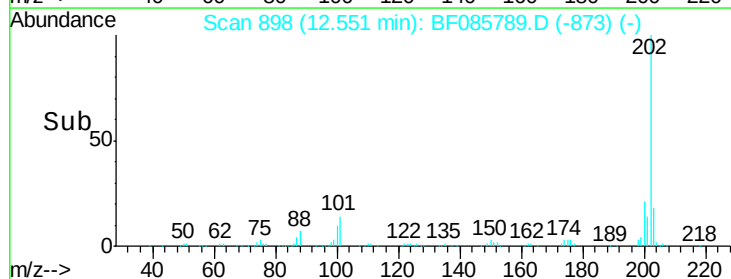
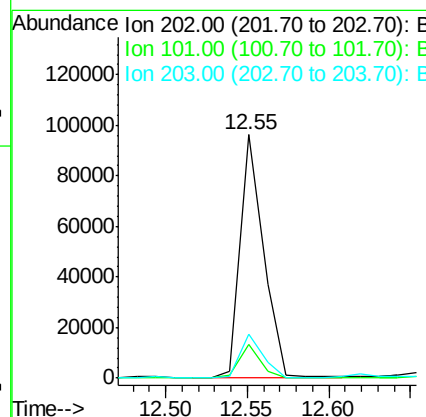
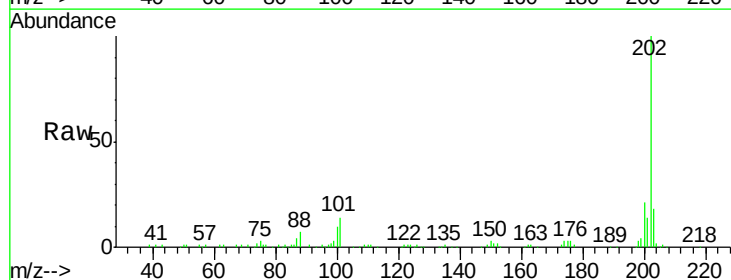
Manual Integrations
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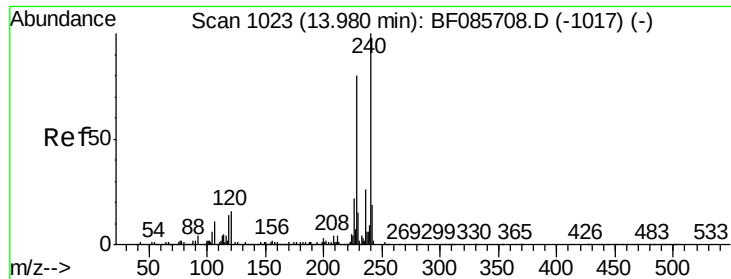
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#74
Fluoranthene
Concen: 7.18 ng
RT: 12.55 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF085789.D
Acq: 26 Mar 2016 4:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	36.6
203	18.0	0.0	38.1





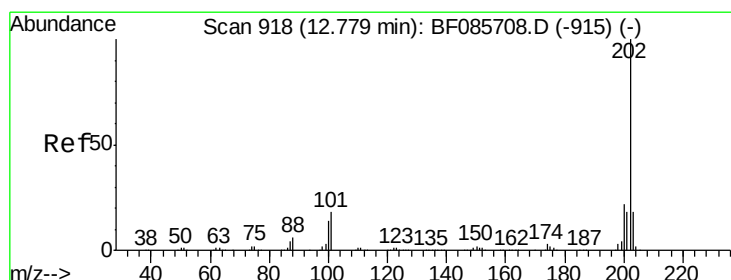
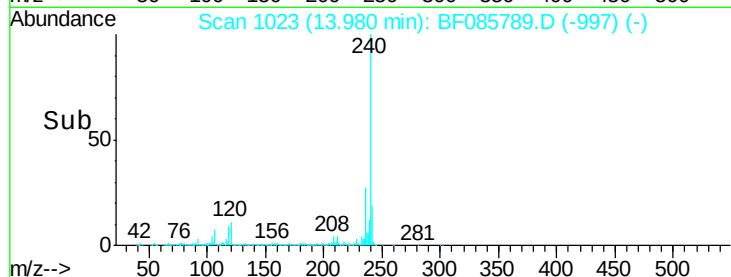
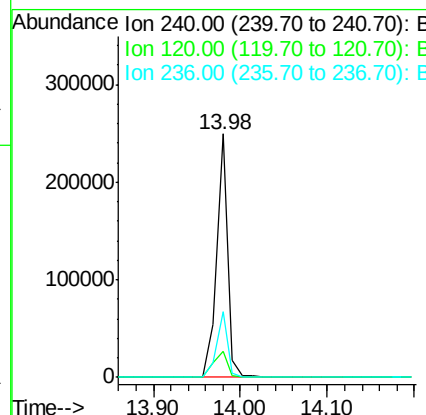
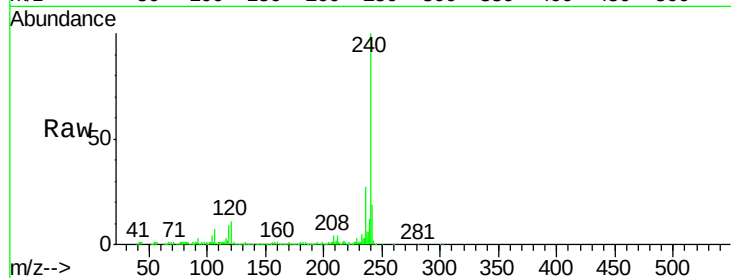
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF085789.D
Acq: 26 Mar 2016 4:21

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	13.8	20.8#
236	26.7	20.6	30.8

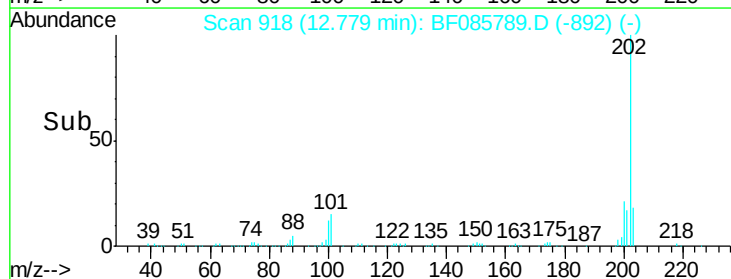
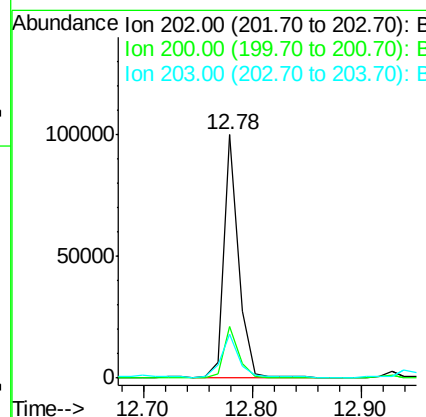
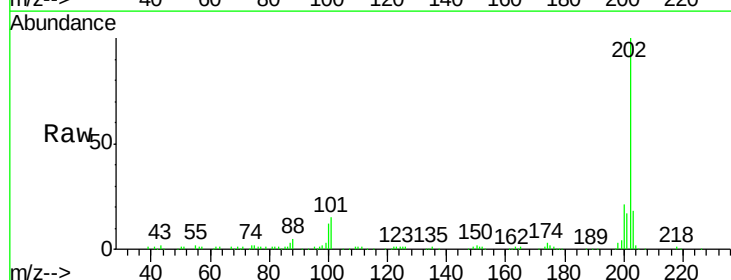
Manual Integrations
APPROVED

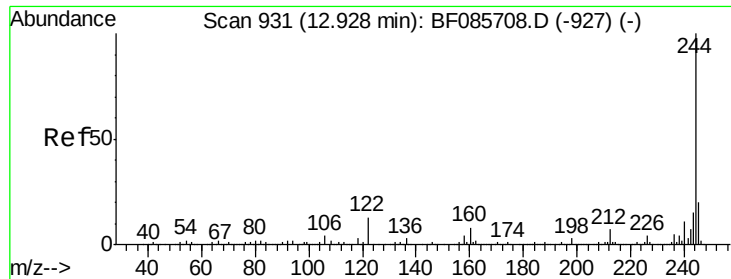
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#77
Pyrene
Concen: 5.16 ng
RT: 12.78 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF085789.D
Acq: 26 Mar 2016 4:21

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	18.2	14.0	21.0





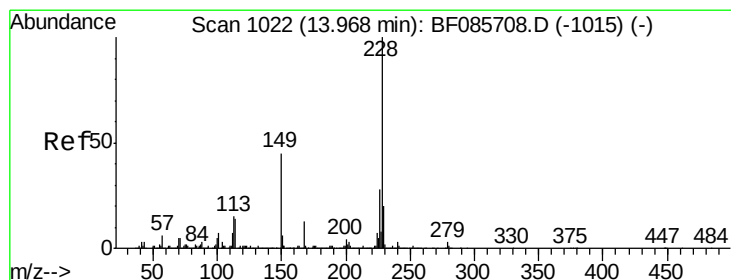
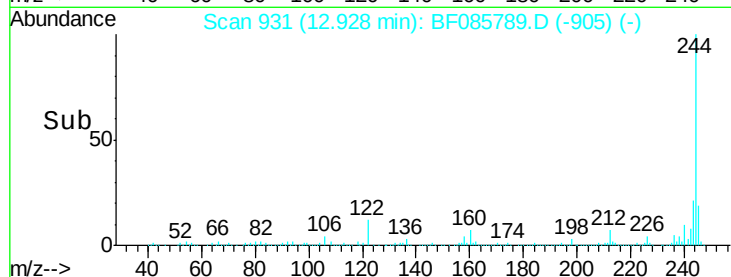
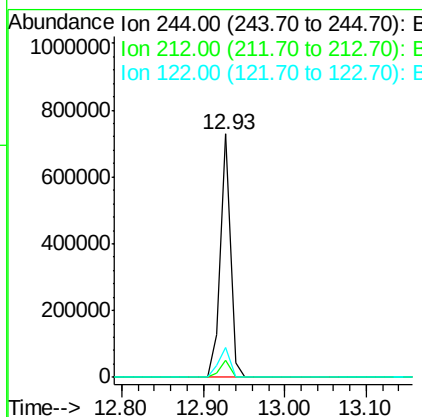
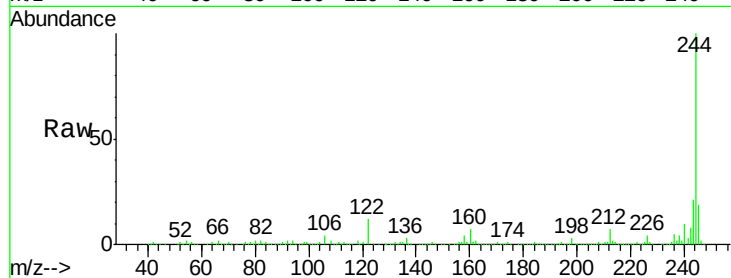
#78
 Terphenyl-d14
 Concen: 56.79 ng
 RT: 12.93 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF085789.D
 Acq: 26 Mar 2016 4:21

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	12.0	10.2	15.4

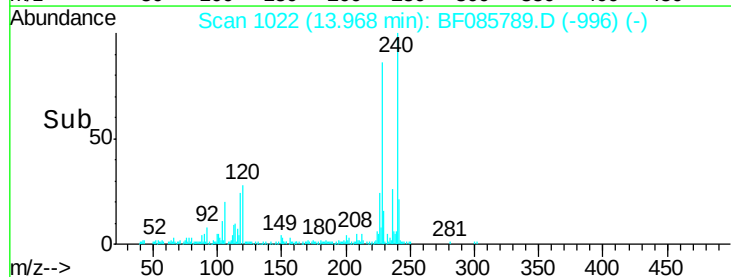
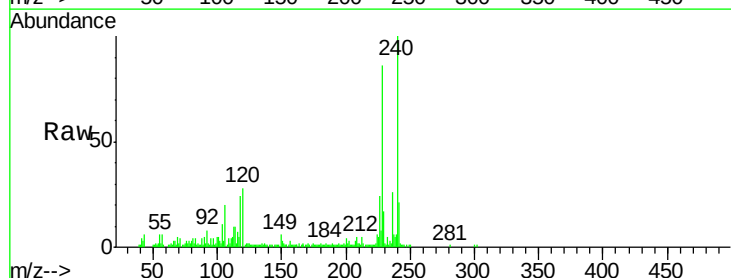
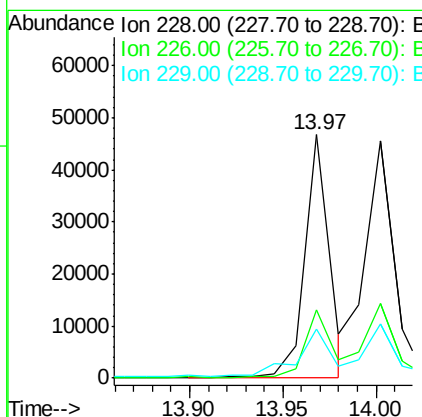
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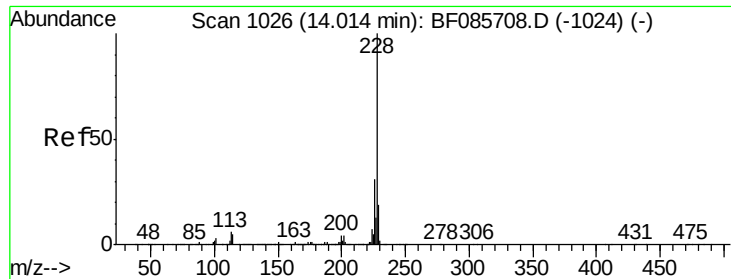
Sohil
 3/28/2016 8:00:09 PM



#80
 Benzo(a)anthracene
 Concen: 3.35 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF085789.D
 Acq: 26 Mar 2016 4:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.1	33.1
229	20.0	16.2	24.4





#82

Chrysene

Concen: 3.04 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085789.D

Acq: 26 Mar 2016 4:21

Instrument :

BNA_F

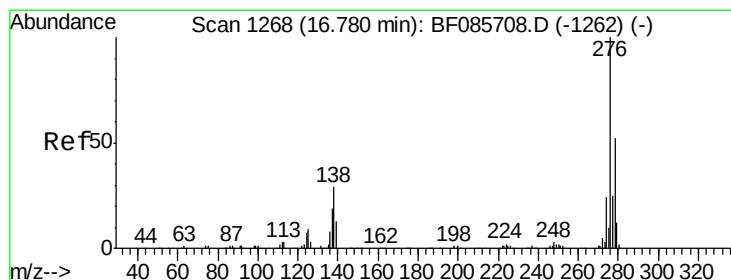
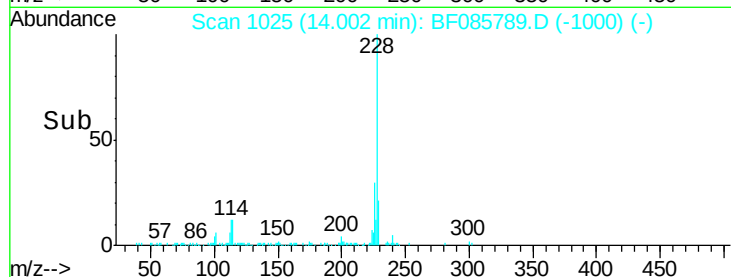
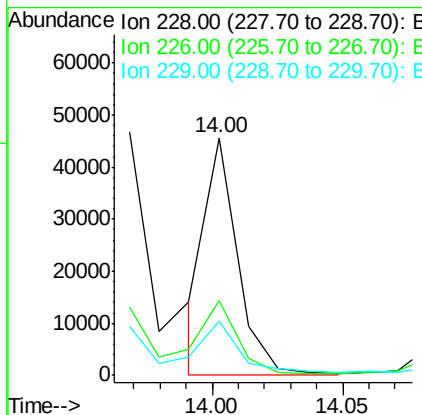
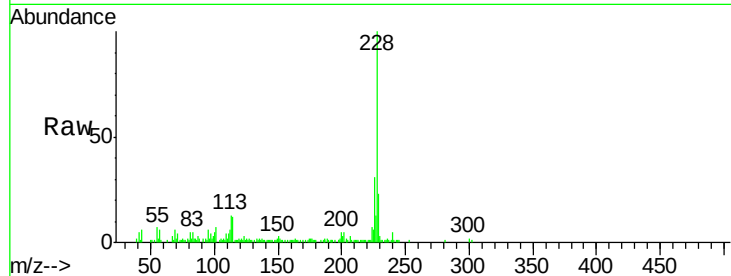
ClientSampleId :

S-PG-B(0-6)

Tot Ion:	228	Resp:	39333
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.6
229	22.8	15.7	23.5

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.05 ng

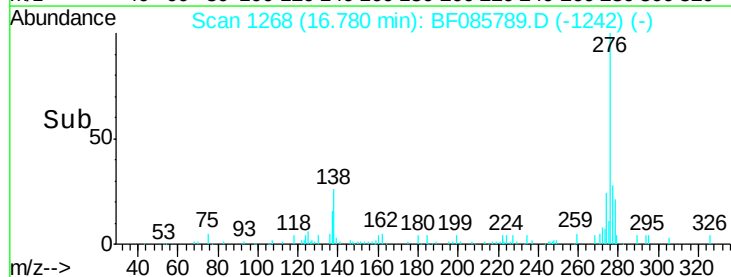
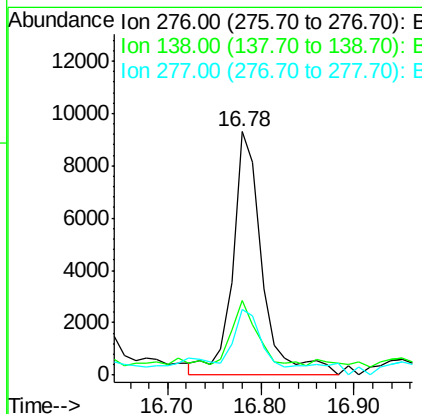
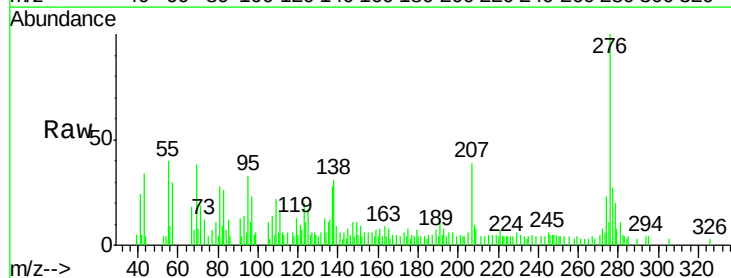
RT: 16.78 min Scan# 1268

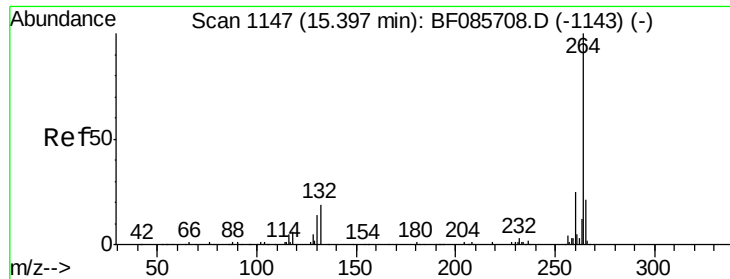
Delta R.T. 0.00 min

Lab File: BF085789.D

Acq: 26 Mar 2016 4:21

Tgt Ion:	276	Resp:	20516
Ion Ratio	Lower	Upper	
276	100		
138	23.2	24.2	36.4#
277	20.3	20.0	30.0





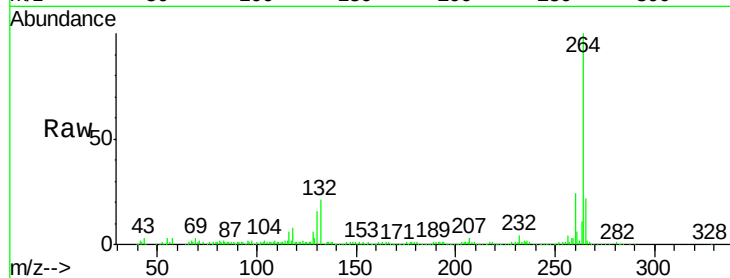
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF085789.D
Acq: 26 Mar 2016 4:21

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

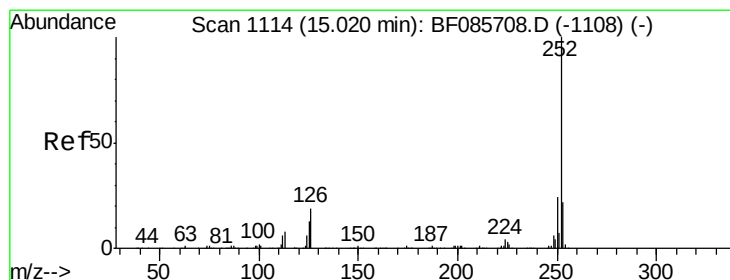
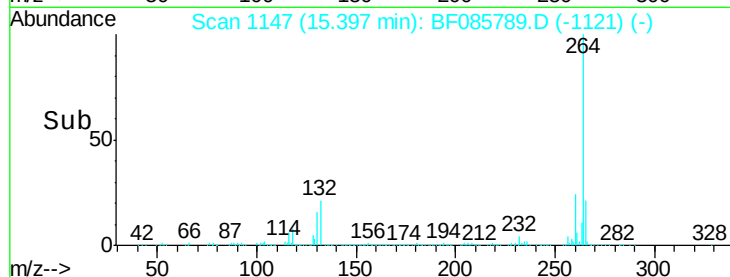
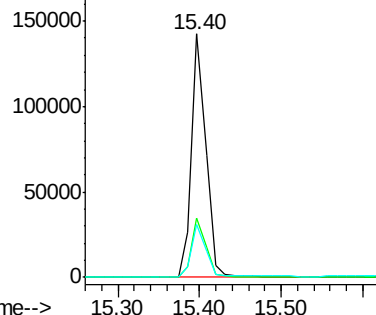
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.7	17.2	25.8

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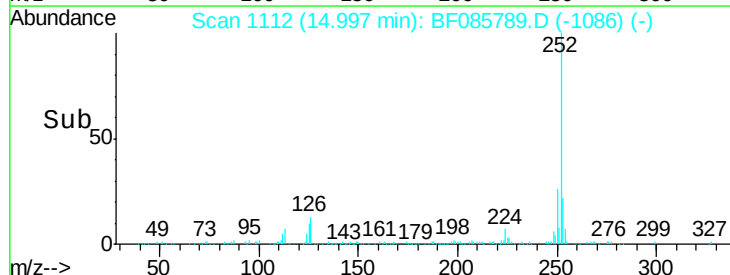
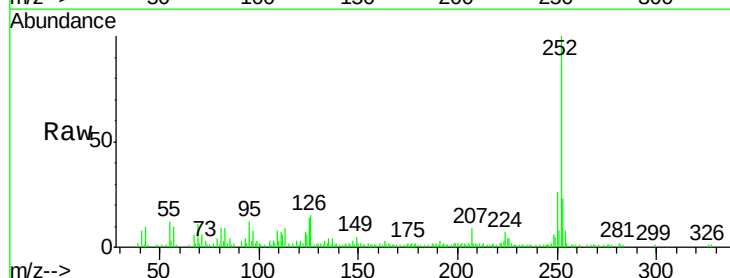
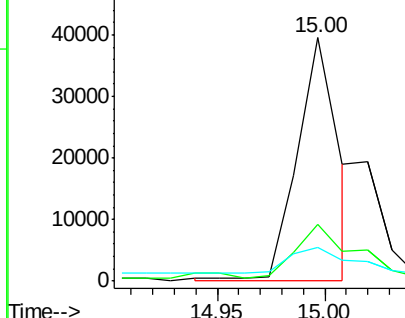
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

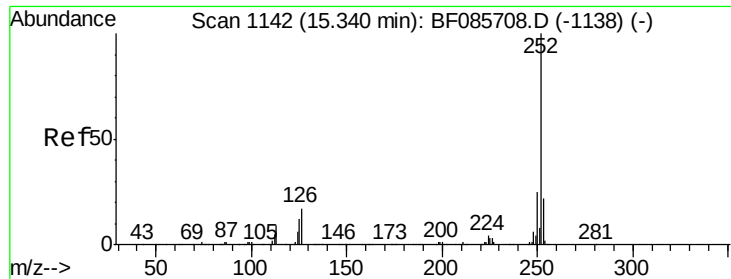


#87
Benzo(b)fluoranthene
Concen: 4.80 ng m
RT: 15.00 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF085789.D
Acq: 26 Mar 2016 4:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	13.7	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





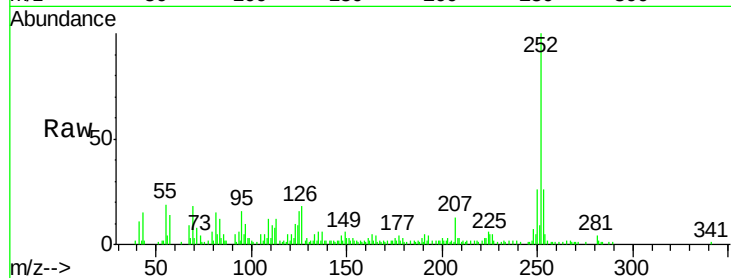
#89
Benzo(a)pyrene
Concen: 3.11 ng
RT: 15.34 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF085789.D
Acq: 26 Mar 2016 4:21

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

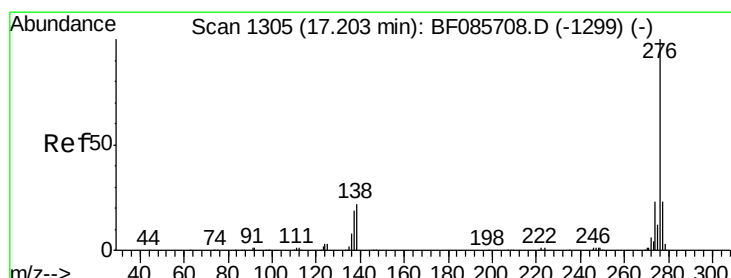
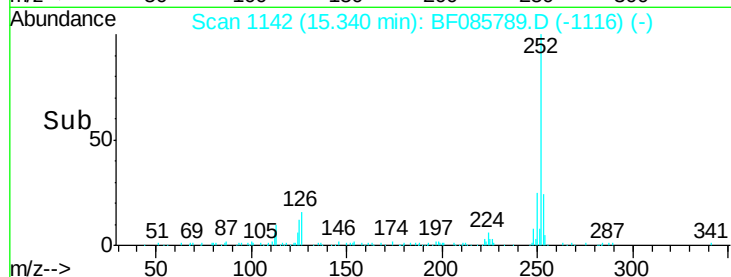
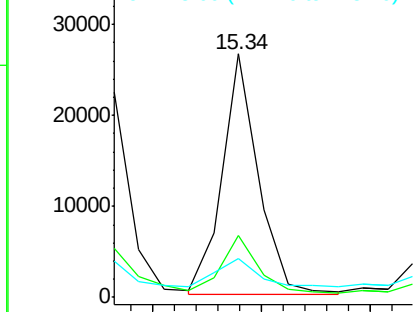
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.4	26.0
125	16.0	10.3	15.5#

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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



#91
Benzo(g,h,i)perylene
Concen: 2.10 ng
RT: 17.20 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF085789.D
Acq: 26 Mar 2016 4:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.1	18.8	28.2
138	28.5	22.6	34.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

