

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085776.D
 Acq On : 25 Mar 2016 22:12
 Operator : UM/SJ
 Sample : H1855-12 2X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7A

Manual Integrations
 APPROVED

Sohil
 3/28/2016 7:59:56 PM

Quant Time: Mar 26 00:13:27 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	124204	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	454995	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	194244	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	282952	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	256541	20.00	ng	0.00
86) Perylene-d12	15.40	264	226857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	26862	3.60	ng	0.01
7) Phenol-d6	6.46	99	36782	3.88	ng	0.00
23) Nitrobenzene-d5	7.38	82	17400	2.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	4847	2.63	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	30801	2.65	ng	0.00
78) Terphenyl-d14	12.93	244	20037	1.61	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	120299	8.16	ng	99
70) Phenanthrene	11.36	178	57219	3.94	ng	99
74) Fluoranthene	12.55	202	159308	10.32	ng	97
77) Pyrene	12.78	202	148422	7.04	ng	100
80) Benzo(a)anthracene	13.97	228	97536	6.67	ng	95
82) Chrysene	14.00	228	61840	4.20	ng	98
87) Benzo(b)fluoranthene	15.00	252	111598m	7.81	ng	
88) Benzo(k)fluoranthene	15.02	252	37560m	2.92	ng	
89) Benzo(a)pyrene	15.34	252	76774m	6.05	ng	
91) Benzo(g,h,i)perylene	17.19	276	37654	3.15	ng	98

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

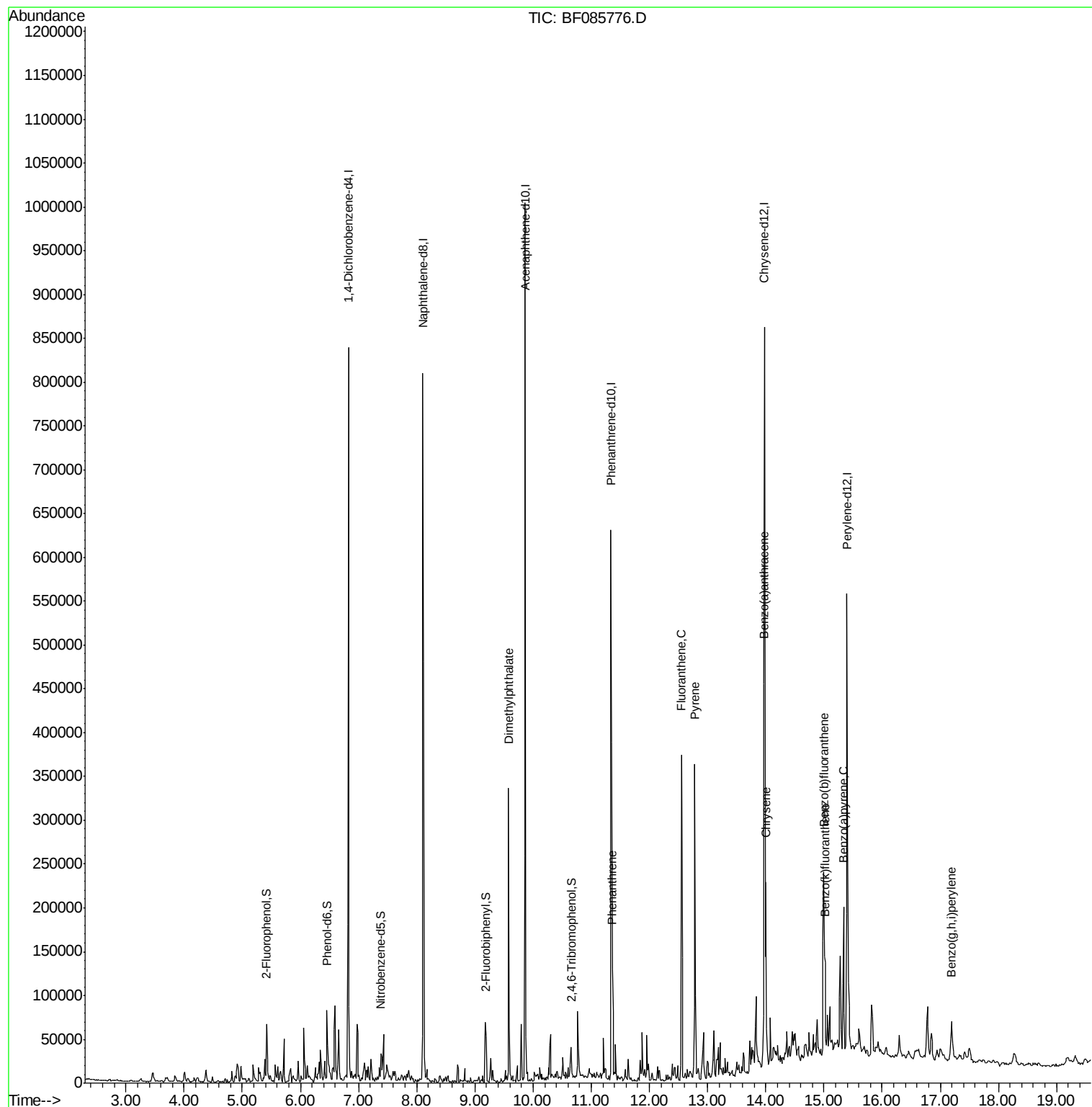
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
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Misc :
ALS Vial : 62 Sample Multiplier: 1

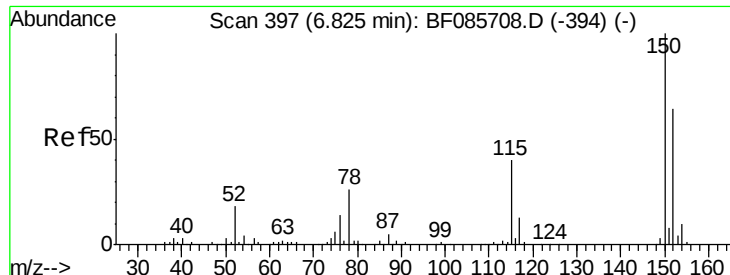
Instrument :
BNA_F
ClientSampled :
SB-7A

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#1

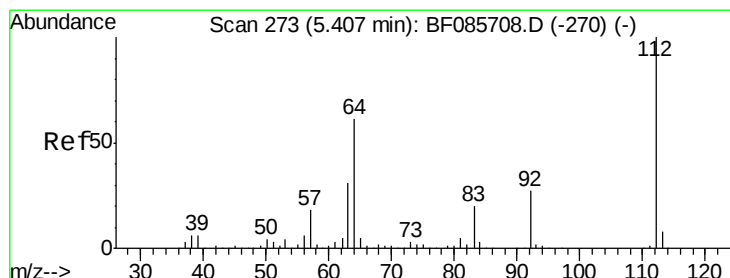
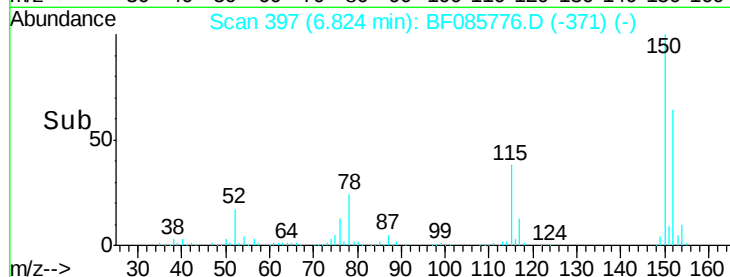
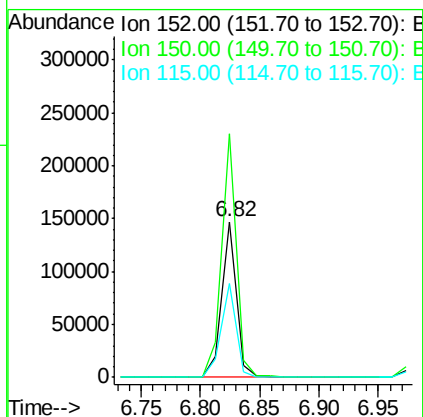
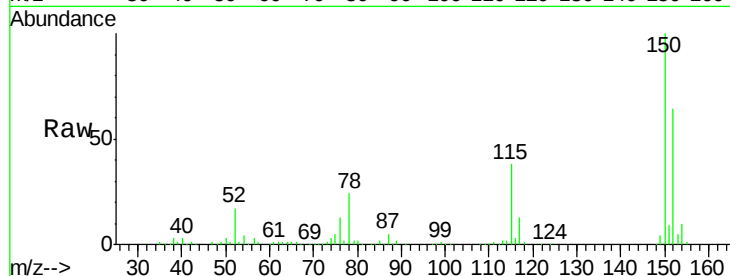
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Instrument :
BNA_F
ClientSampleId :
SB-7A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.2	186.2
115	60.1	47.0	70.6

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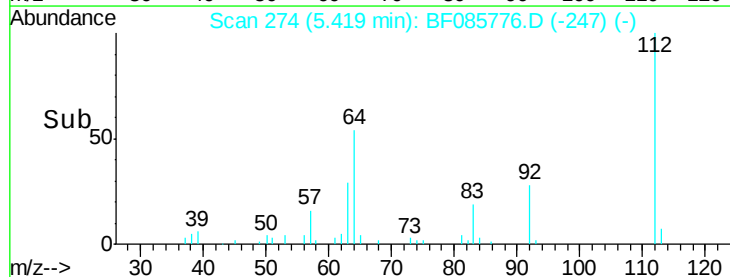
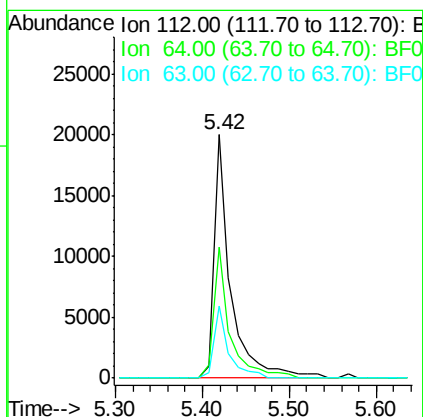
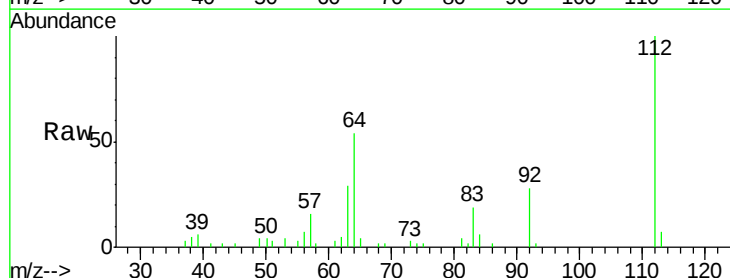
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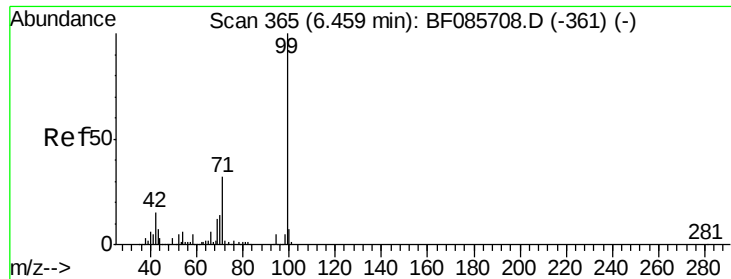


#5

2-Fluorophenol
Concen: 3.60 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	39.9	59.9
63	29.4	20.2	30.2





#7

Phenol-d6

Concen: 3.88 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085776.D

Acq: 25 Mar 2016 22:12

Instrument :

BNA_F

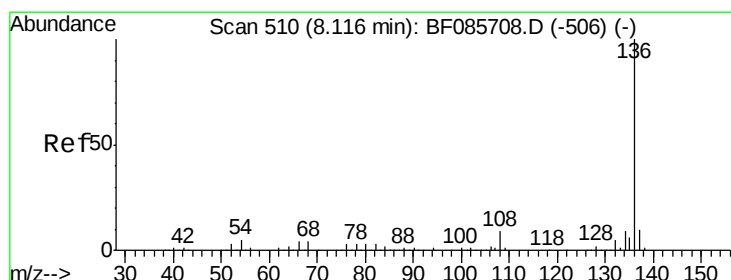
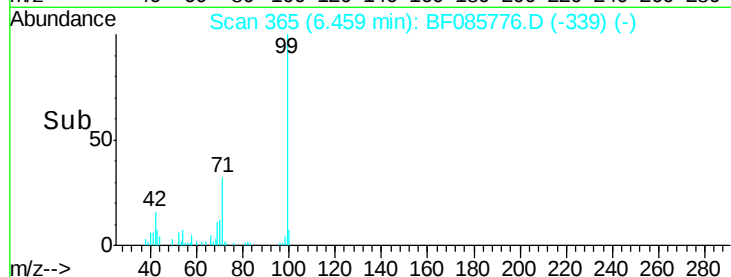
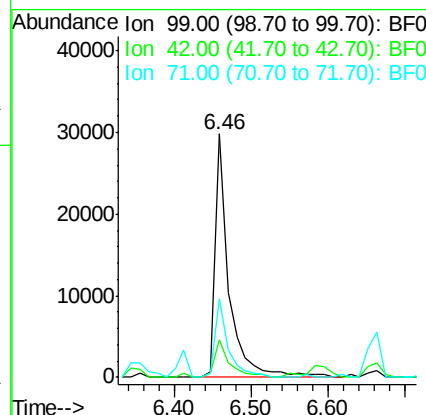
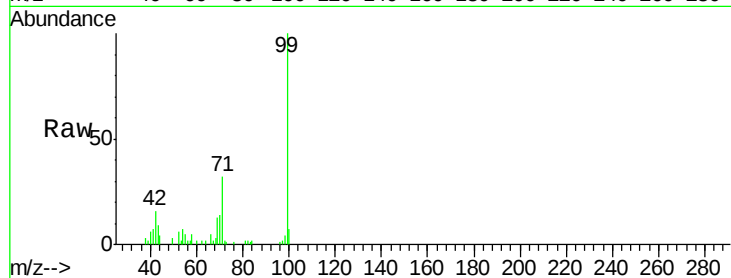
ClientSampleId :

SB-7A

Tot Ion:	99	Resp:	36782
Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.1	16.7
71	32.4	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

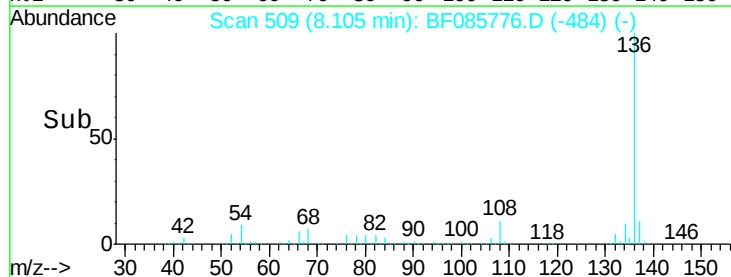
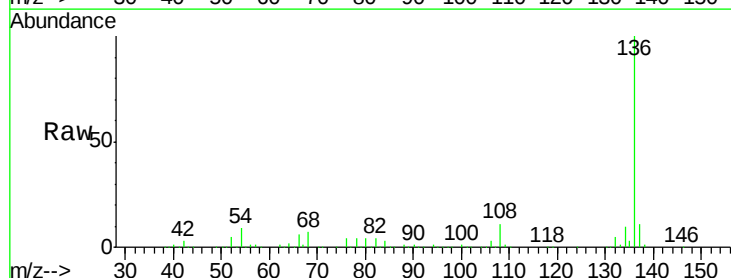
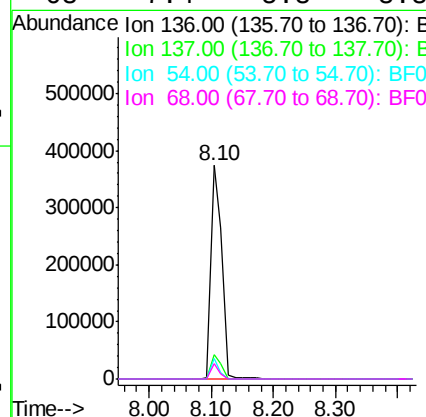
RT: 8.10 min Scan# 509

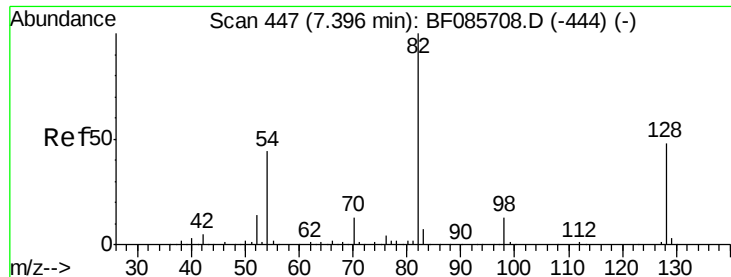
Delta R.T. -0.01 min

Lab File: BF085776.D

Acq: 25 Mar 2016 22:12

Tgt Ion:	136	Resp:	454995
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.5	7.4	11.0
68	7.4	5.8	8.8





#23

Nitrobenzene-d5

Concen: 2.15 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085776.D

Acq: 25 Mar 2016 22:12

Instrument :

BNA_F

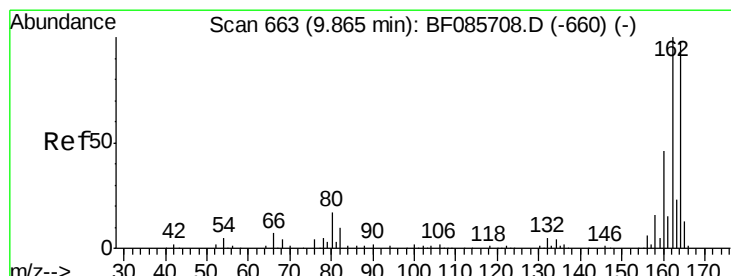
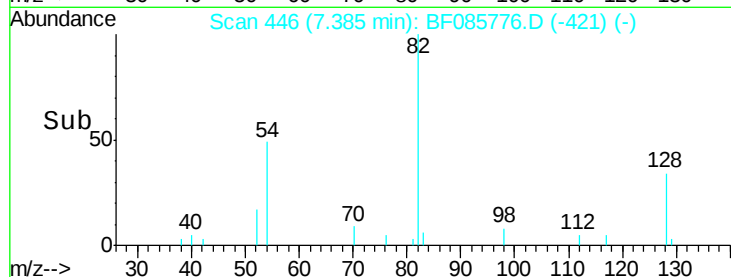
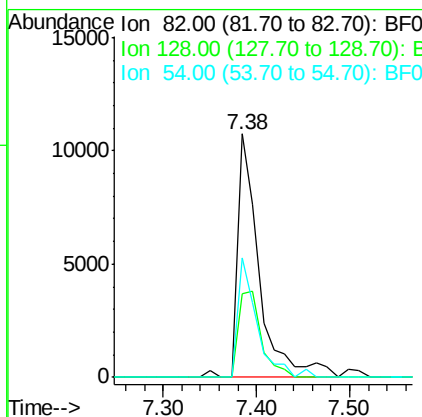
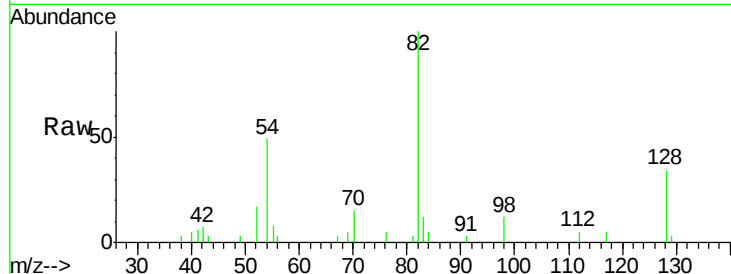
ClientSampleId :

SB-7A

Tot Ion:	82	Resp:	17400
Ion Ratio	Lower	Upper	
82	100		
128	34.2	41.8	62.8#
54	49.1	33.4	50.0

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#38

Acenaphthene-d10

Concen: 20.00 ng

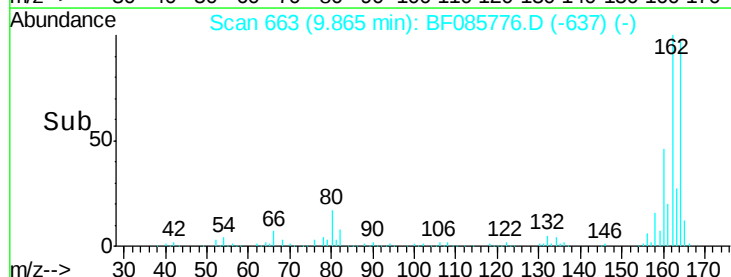
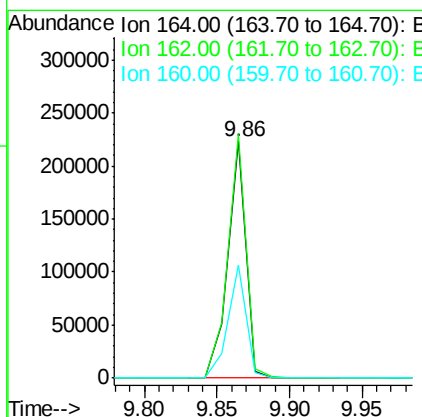
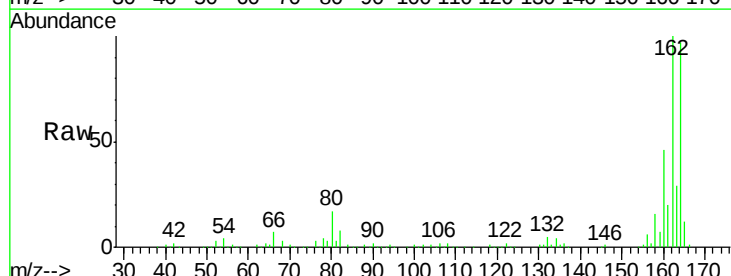
RT: 9.86 min Scan# 663

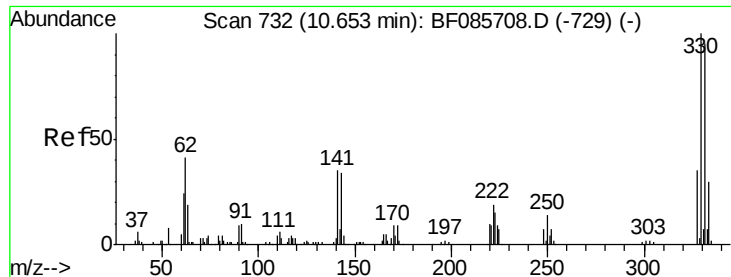
Delta R.T. -0.00 min

Lab File: BF085776.D

Acq: 25 Mar 2016 22:12

Tgt Ion:	164	Resp:	194244
Ion Ratio	Lower	Upper	
164	100		
162	102.8	82.1	123.1
160	47.8	37.4	56.2





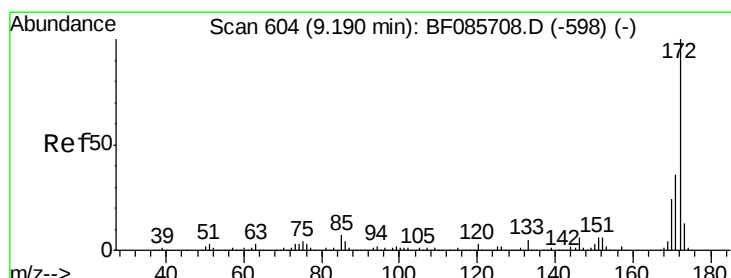
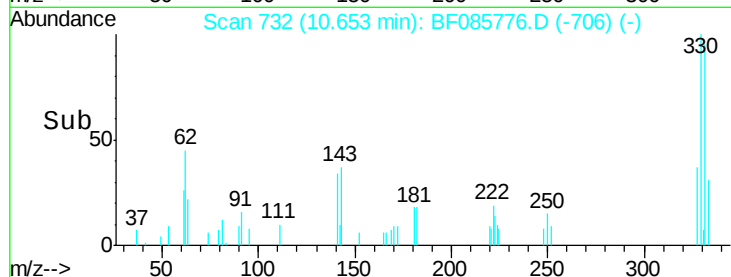
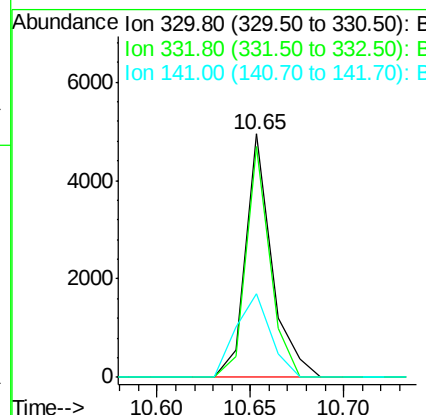
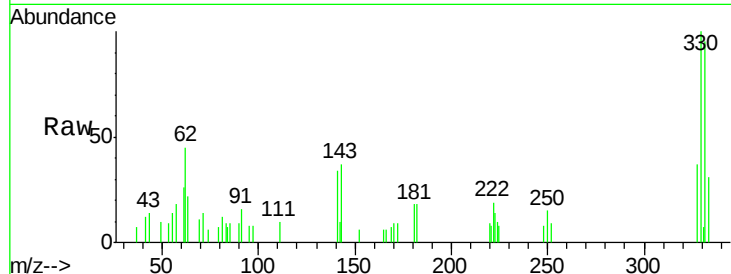
#41
 2,4,6-Tribromophenol
 Concen: 2.63 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085776.D
 Acq: 25 Mar 2016 22:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-7A

Tot Ion	Ratio	Lower	Upper
330	100		
332	86.4	78.2	117.2
141	45.1	31.5	47.3

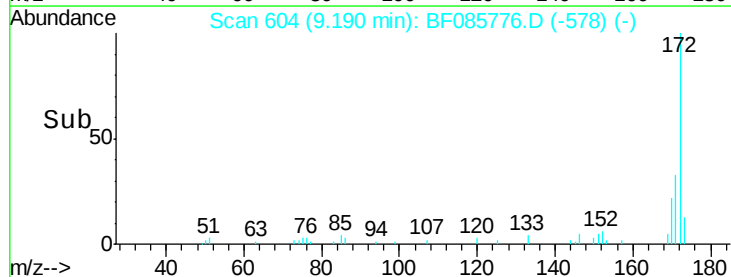
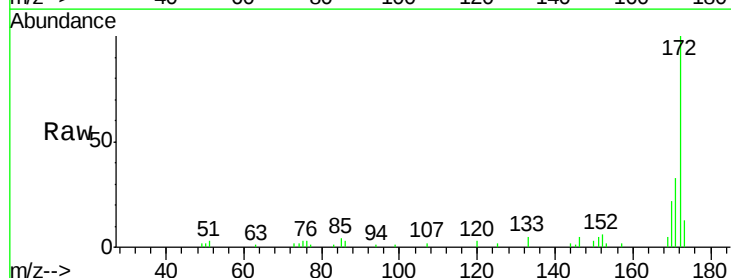
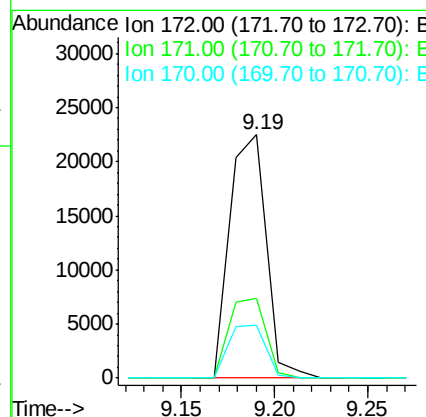
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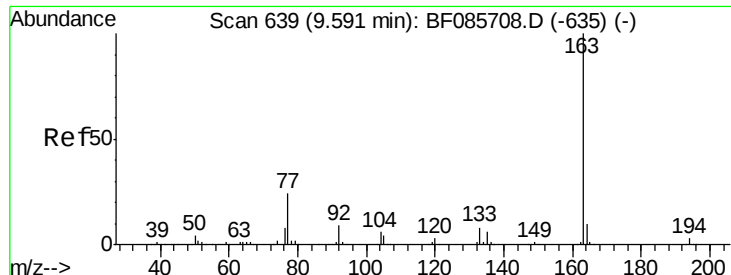
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#44
 2-Fluorobiphenyl
 Concen: 2.65 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085776.D
 Acq: 25 Mar 2016 22:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.0	29.4	44.2
170	22.0	19.8	29.6





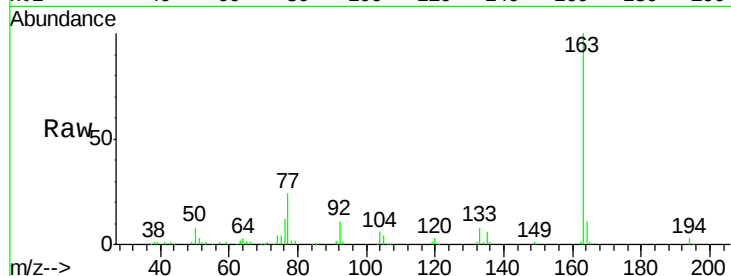
#49
Dimethylphthalate
Concen: 8.16 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Instrument :
BNA_F
ClientSampleId :
SB-7A

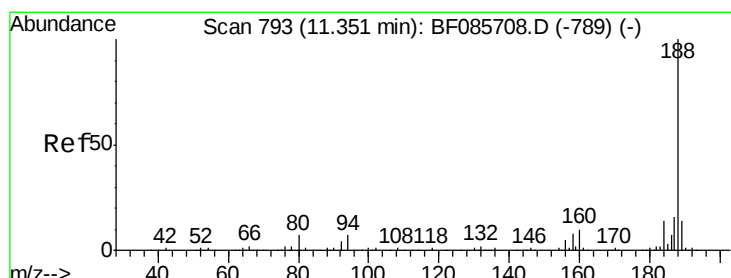
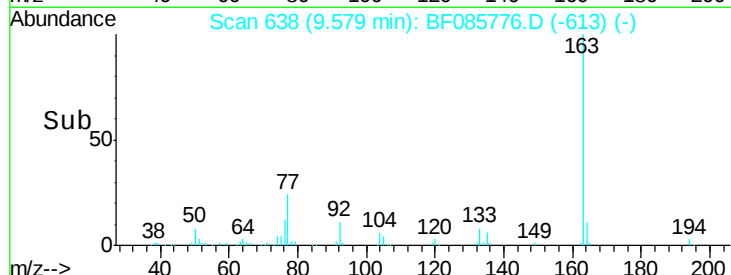
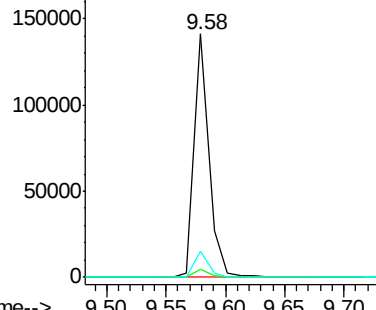
Tot Ion	Ratio	Resp	Lower	Upper
163	100	120299		
194	3.3		2.9	4.3
164	10.7		8.3	12.5

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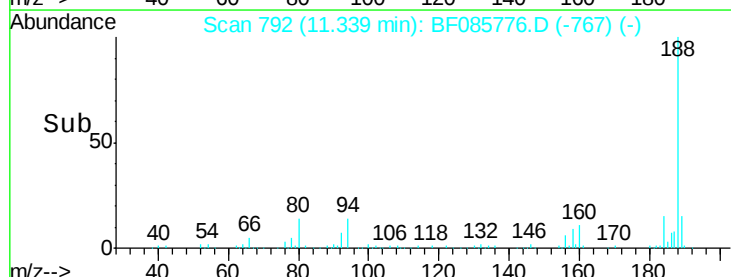
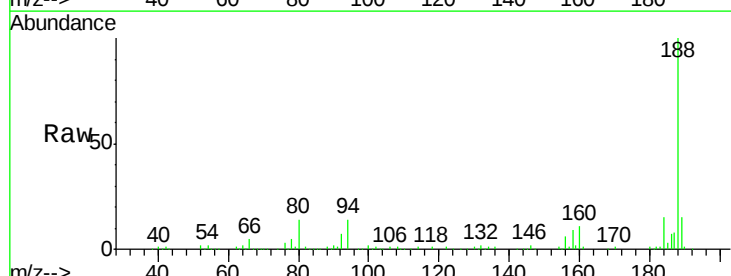
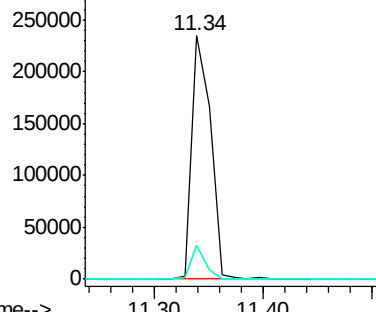
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

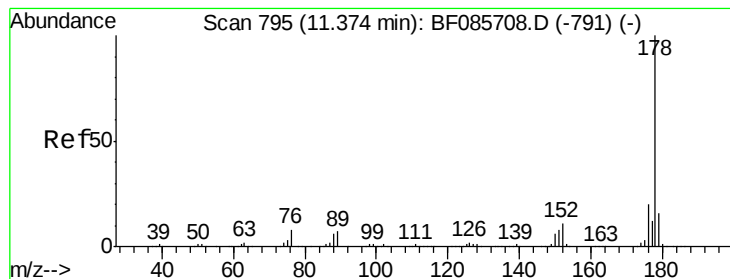


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	282952		
94	13.7		5.4	8.0#
80	14.1		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: 3.94 ng

RT: 11.36 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF085776.D

Acq: 25 Mar 2016 22:12

Instrument :

BNA_F

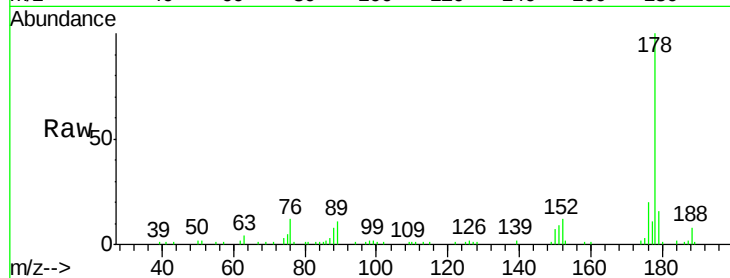
ClientSampleId :

SB-7A

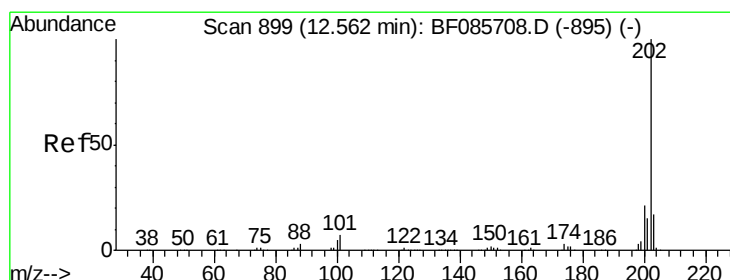
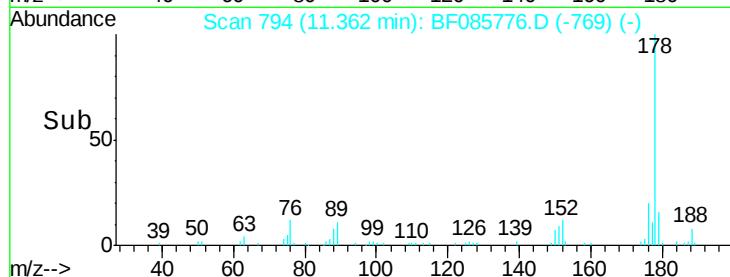
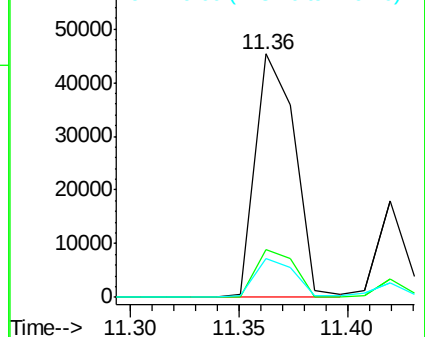
Tot Ion:	178	Resp:	57219
Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.3	24.5
179	15.9	12.6	18.8

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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: 10.32 ng

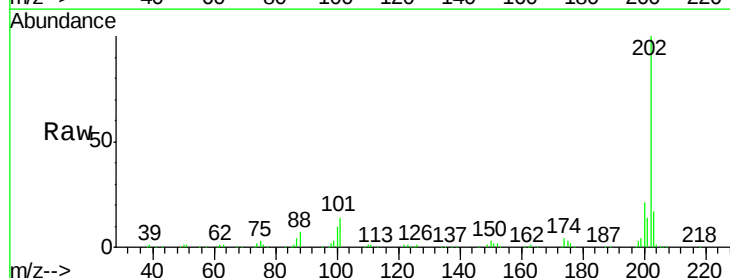
RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

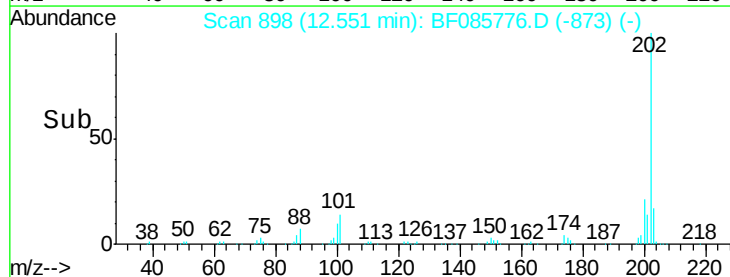
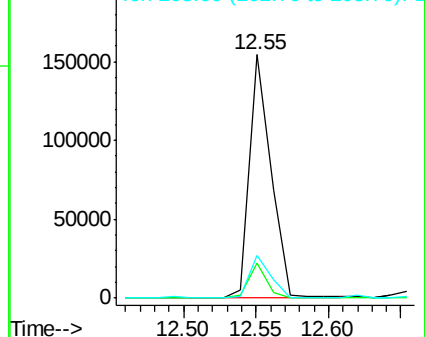
Lab File: BF085776.D

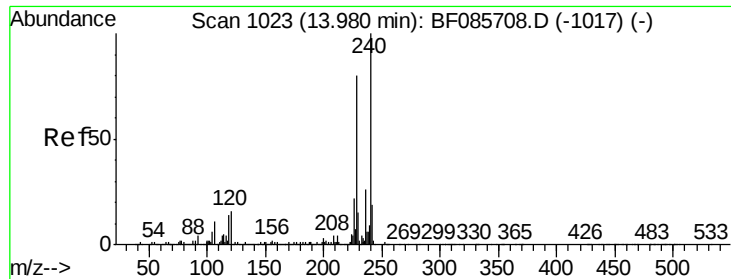
Acq: 25 Mar 2016 22:12

Tgt Ion:	202	Resp:	159308
Ion	Ratio	Lower	Upper
202	100		
101	14.3	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: BF085776.D

Acq: 25 Mar 2016 22:12

Instrument :

BNA_F

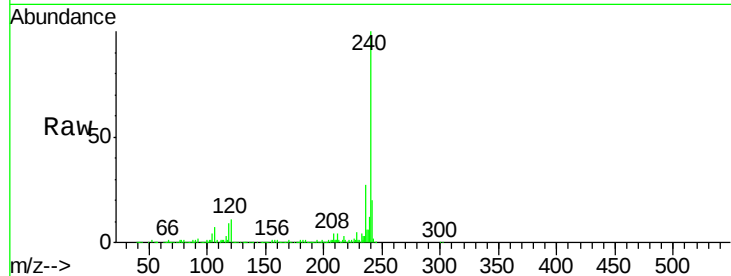
ClientSampleId :

SB-7A

Tot Ion:	240	Resp:	256541
Ion Ratio		Lower	Upper
240	100		
120	11.0	13.8	20.8#
236	26.5	20.6	30.8

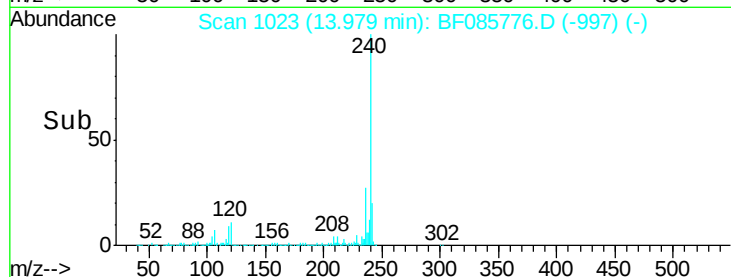
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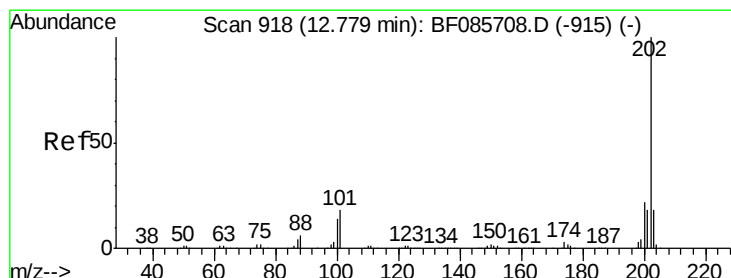


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

13.98



Time-->



#77

Pyrene

Concen: 7.04 ng

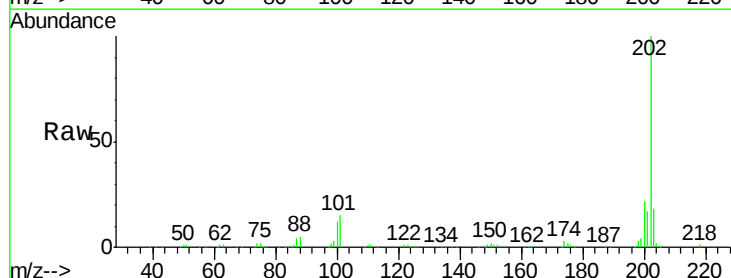
RT: 12.78 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF085776.D

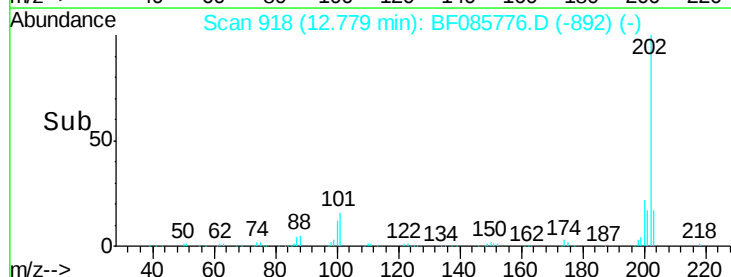
Acq: 25 Mar 2016 22:12

Tgt Ion:	202	Resp:	148422
Ion Ratio		Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.6	14.0	21.0

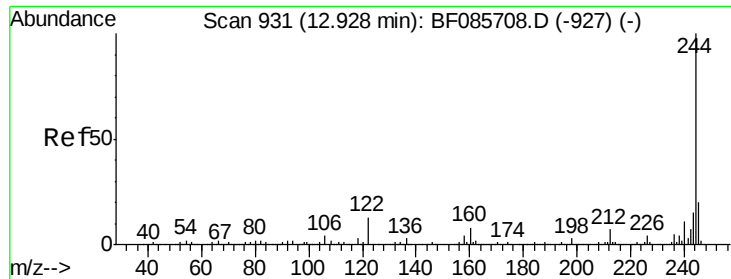


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.78



Time-->



#78

Terphenyl-d14

Concen: 1.61 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085776.D

Acq: 25 Mar 2016 22:12

Instrument :

BNA_F

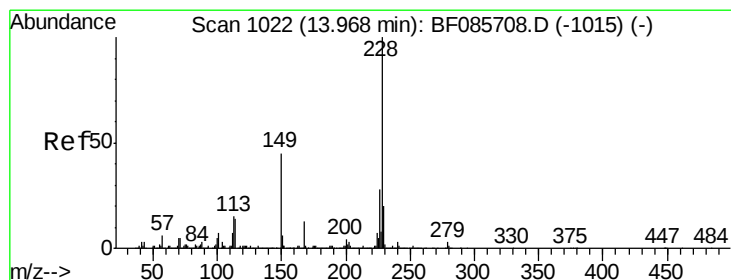
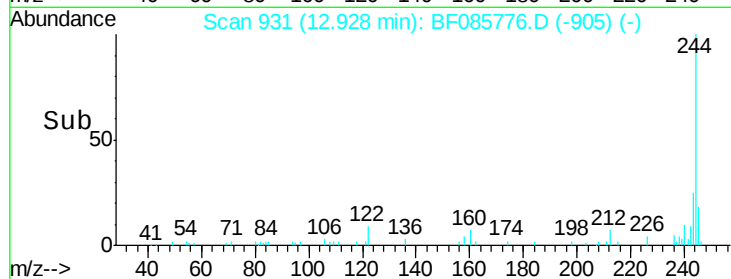
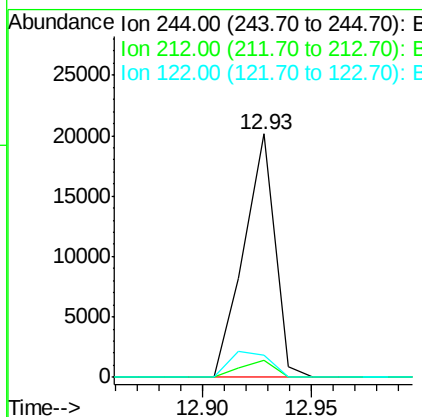
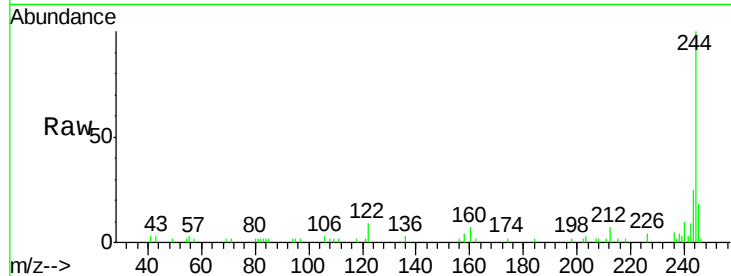
ClientSampled :

SB-7A

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	9.2	10.2	15.4

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#80

Benzo(a)anthracene

Concen: 6.67 ng

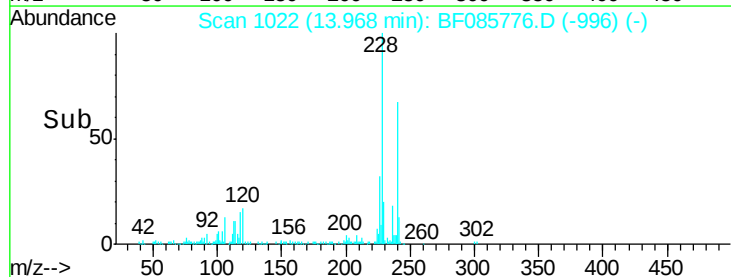
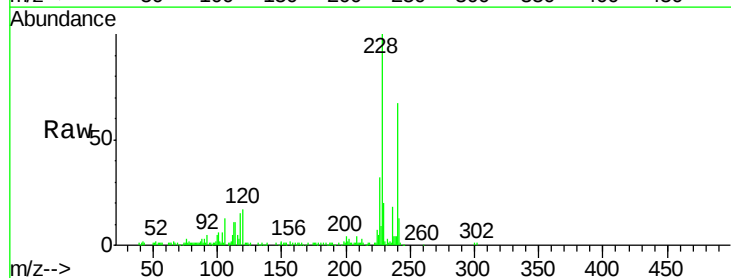
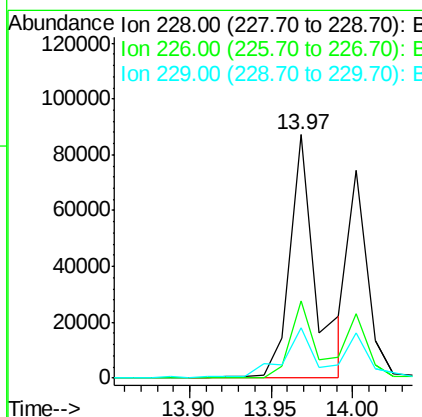
RT: 13.97 min Scan# 1022

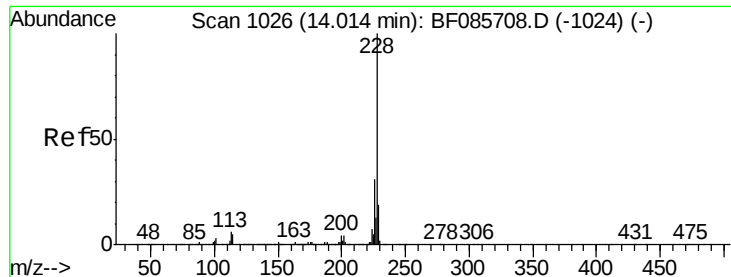
Delta R.T. -0.00 min

Lab File: BF085776.D

Acq: 25 Mar 2016 22:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.1	33.1
229	20.5	16.2	24.4





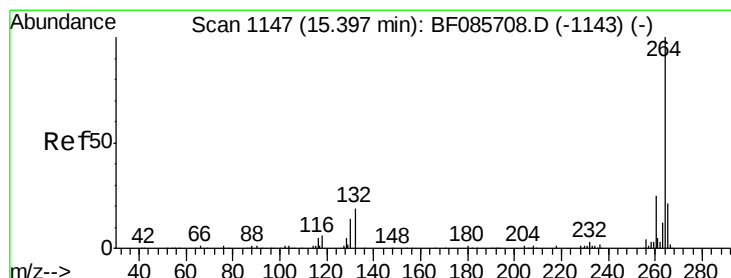
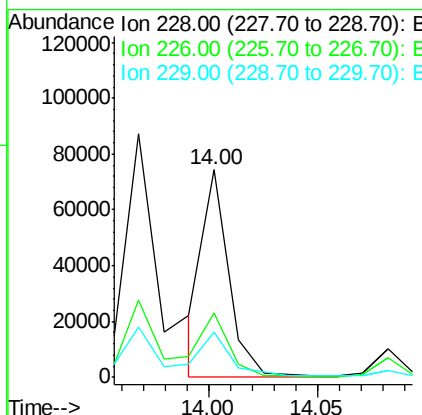
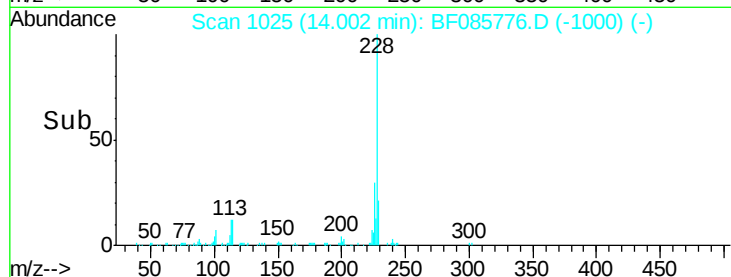
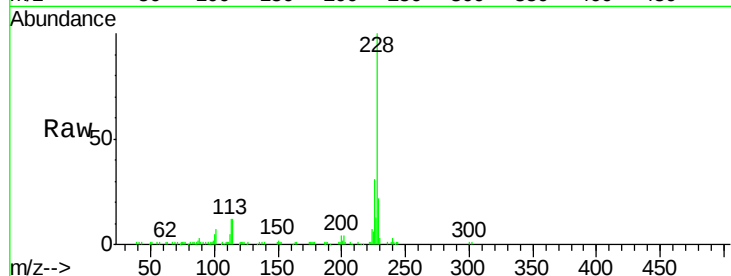
#82
Chrysene
Concen: 4.20 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Instrument :
BNA_F
ClientSampled :
SB-7A

Tot Ion:	228	Resp:	61840
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.0	37.6
229	21.6	15.7	23.5

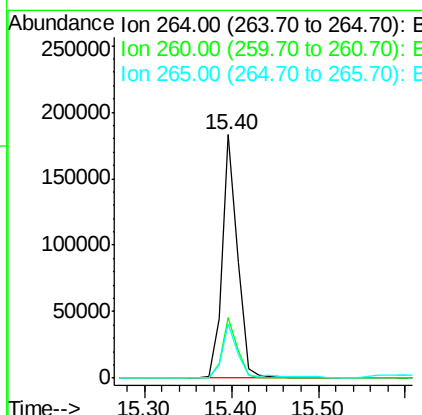
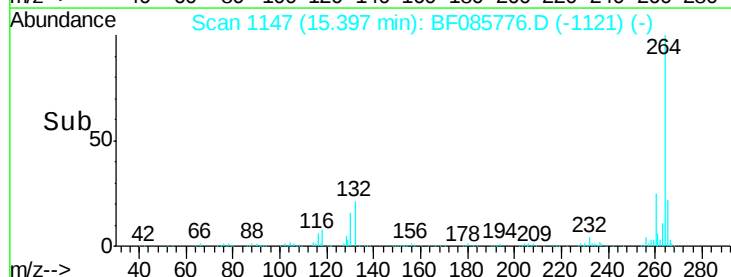
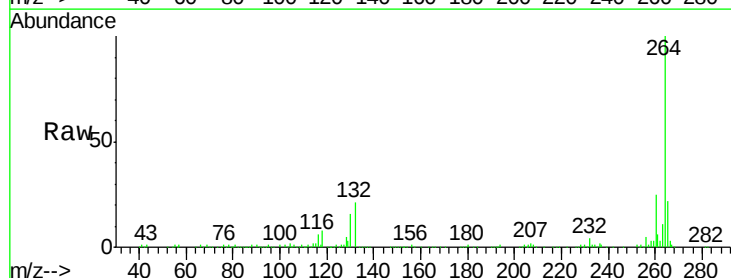
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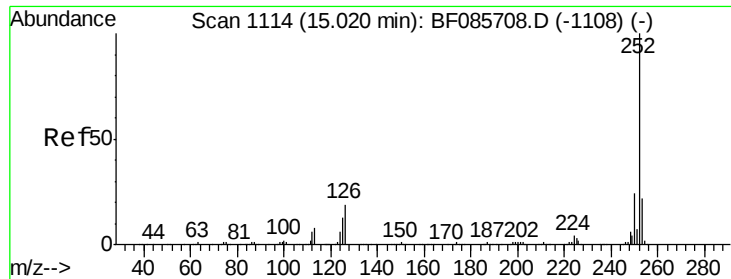
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Tgt Ion:	264	Resp:	226857
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.4	29.2
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 7.81 ng m

RT: 15.00 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF085776.D

Acq: 25 Mar 2016 22:12

Instrument :

BNA_F

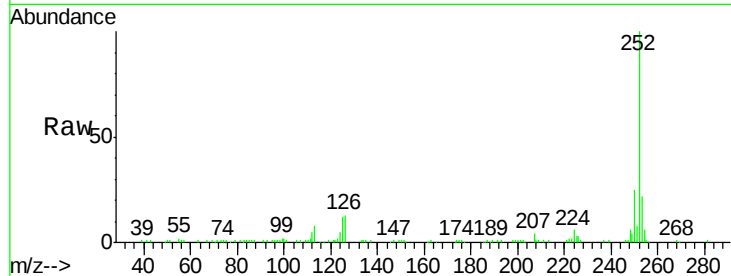
ClientSampled :

SB-7A

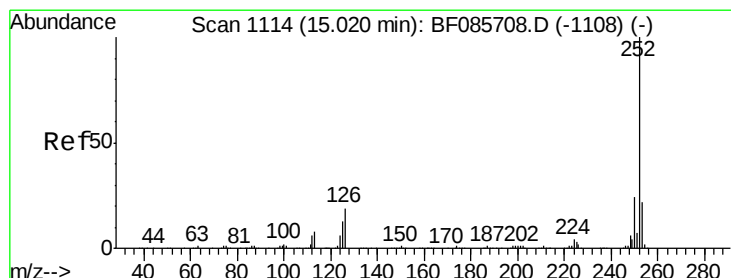
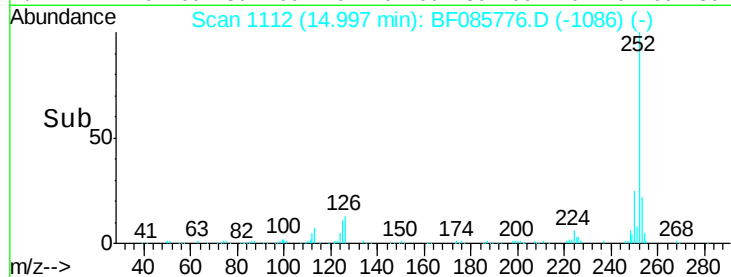
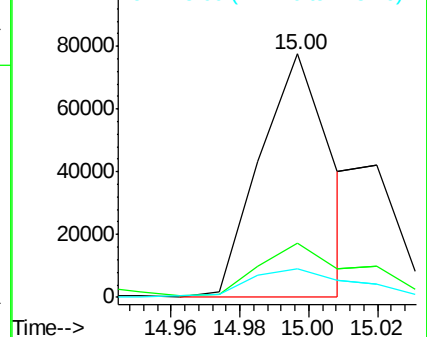
Tot Ion:	252	Resp:	111598
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	11.6	10.3	15.5

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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



#88

Benzo(k)fluoranthene

Concen: 2.92 ng m

RT: 15.02 min Scan# 1114

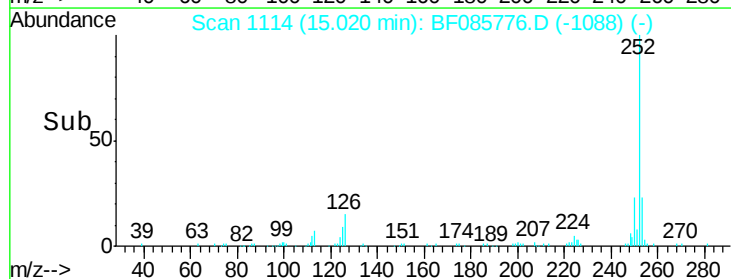
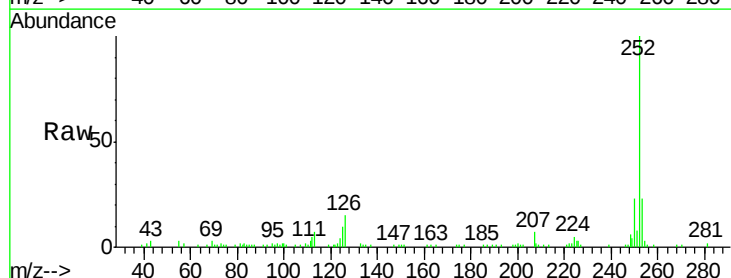
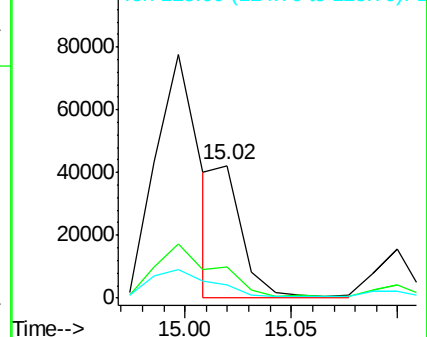
Delta R.T. -0.00 min

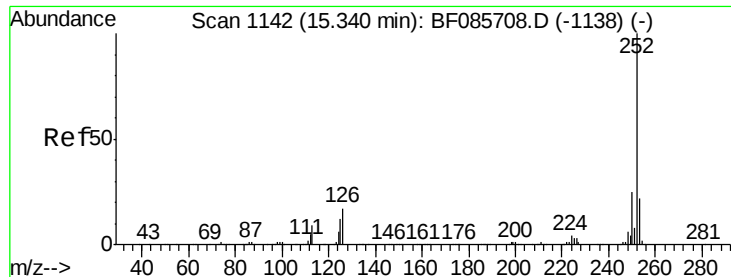
Lab File: BF085776.D

Acq: 25 Mar 2016 22:12

Tgt Ion:	252	Resp:	37560
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.6
125	10.2	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





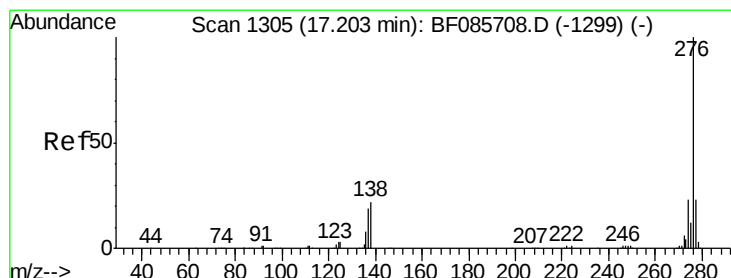
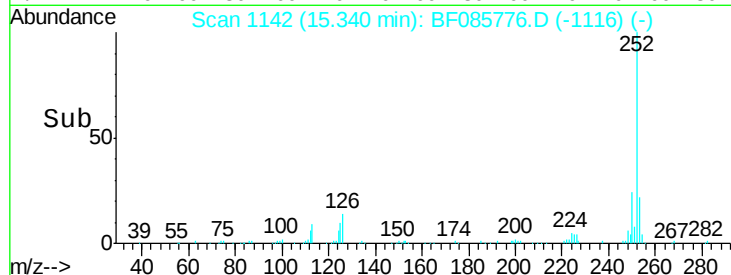
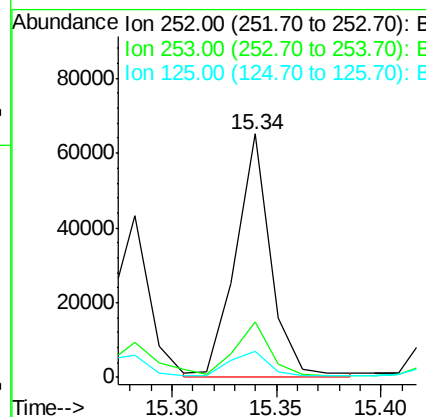
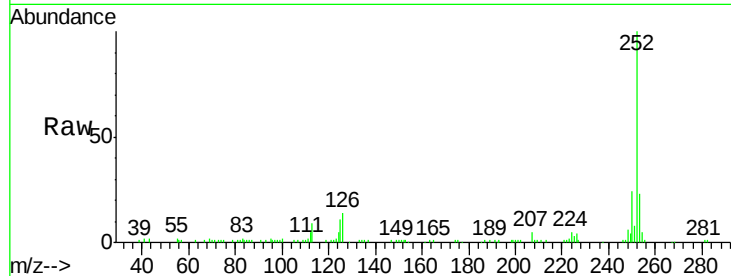
#89
Benzo(a)pyrene
Concen: 6.05 ng/ml
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Instrument :
BNA_F
ClientSampleId :
SB-7A

Tot Ion:	252	Resp:	76774
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	10.6	10.3	15.5

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#91
Benzo(g,h,i)perylene
Concen: 3.15 ng/ml
RT: 17.19 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF085776.D
Acq: 25 Mar 2016 22:12

Tgt Ion:	276	Resp:	37654
Ion Ratio	Lower	Upper	
276	100		
277	25.0	18.8	28.2
138	28.9	22.6	34.0

