

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085604.D
 Acq On : 20 Mar 2016 8:02
 Operator : UM/SJ
 Sample : H1815-16
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Manual Integrations
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Quant Time: Mar 21 04:58:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	135346	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	579702	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	247996	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	478954	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	295459	20.00	ng	-0.01
86) Perylene-d12	15.43	264	261339	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1109307	137.67	ng	0.00
7) Phenol-d6	6.49	99	1501130	145.25	ng	0.00
23) Nitrobenzene-d5	7.42	82	876021	87.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	367166	151.14	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1334876	94.45	ng	-0.01
78) Terphenyl-d14	12.96	244	1194485	97.28	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.60	163	152568	8.15	ng	99
70) Phenanthrene	11.40	178	70953	2.81	ng	98
74) Fluoranthene	12.59	202	130469	4.93	ng	90
77) Pyrene	12.81	202	131138	6.18	ng	99
80) Benzo(a)anthracene	13.99	228	58919m	3.44	ng	
82) Chrysene	14.04	228	49990	3.03	ng	97
85) Indeno(1,2,3-cd)pyrene	16.83	276	34748	2.52	ng	94
87) Benzo(b)fluoranthene	15.02	252	74337m	4.36	ng	
89) Benzo(a)pyrene	15.37	252	52091	3.60	ng	96
91) Benzo(g,h,i)perylene	17.25	276	35734	3.06	ng	96

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

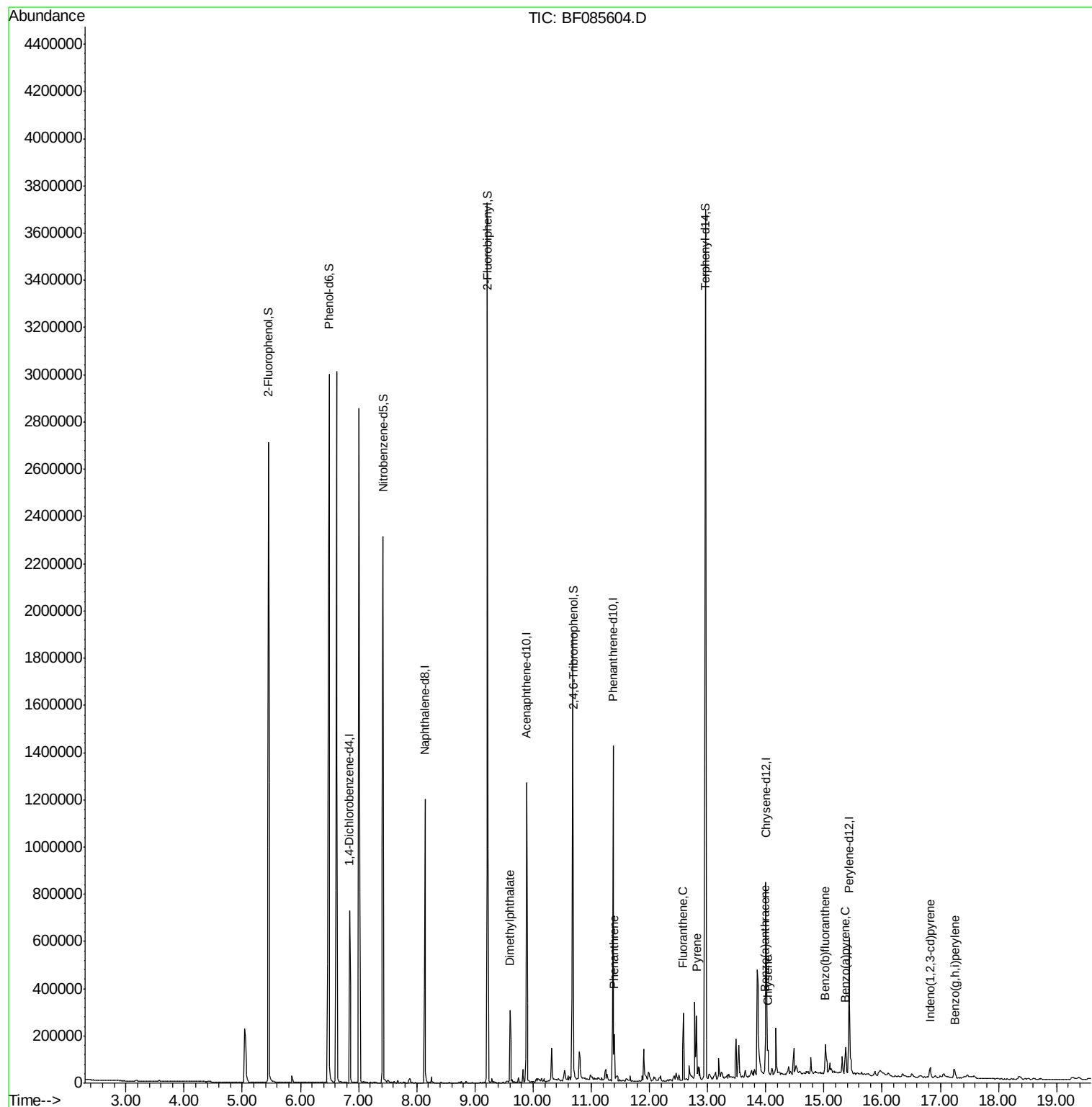
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085604.D
Acq On : 20 Mar 2016 8:02
Operator : UM/SJ
Sample : H1815-16
Misc :
ALS Vial : 62 Sample Multiplier: 1

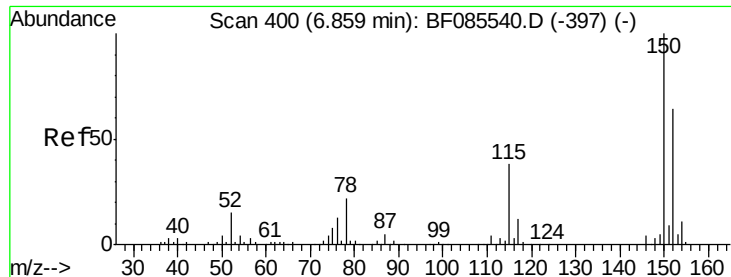
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

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Quant Time: Mar 21 04:58:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085604.D

Acq: 20 Mar 2016 8:02

Instrument :

BNA_F

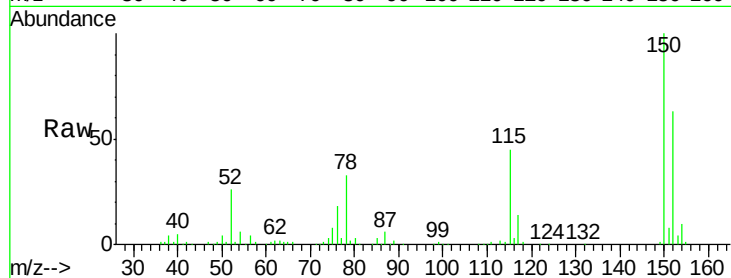
ClientSampleId :

SB-03-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.2	186.2
115	71.9	47.0	70.6

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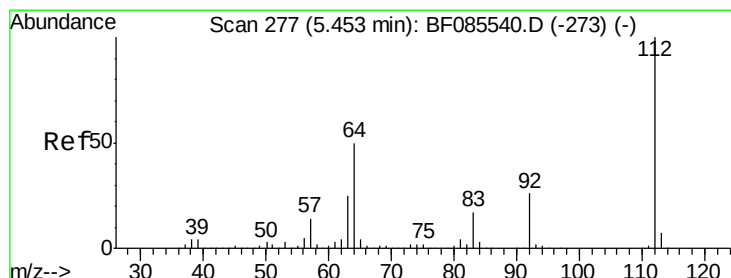
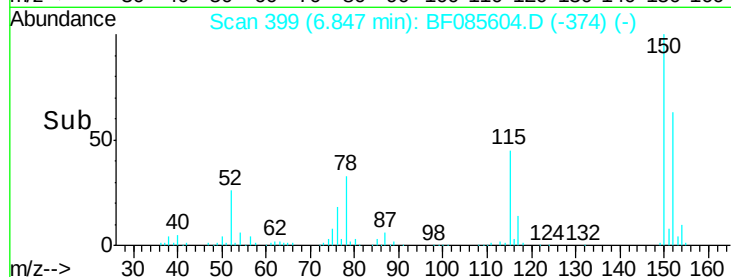
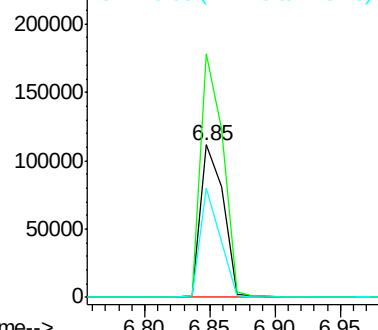
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 137.67 ng

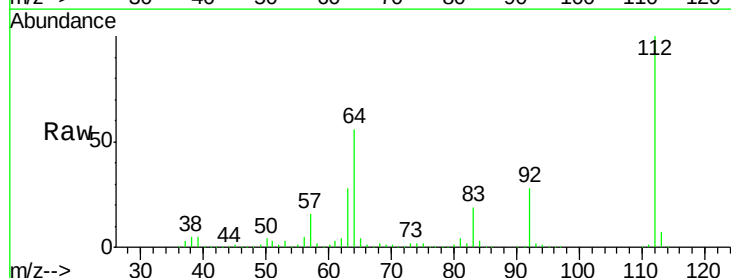
RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085604.D

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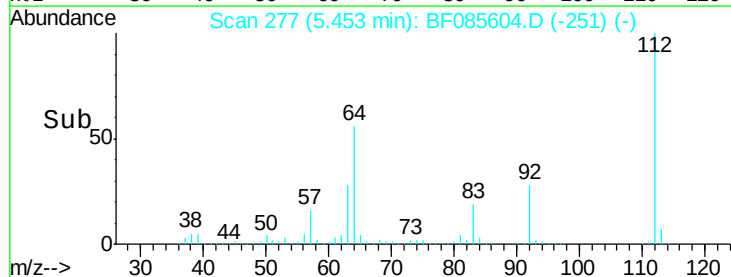
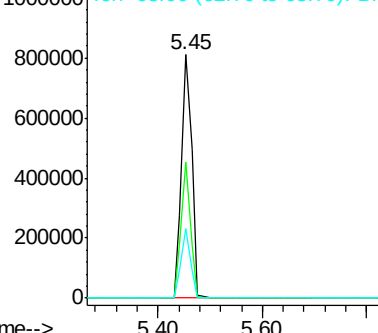
Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	39.9	59.9
63	28.5	20.2	30.2

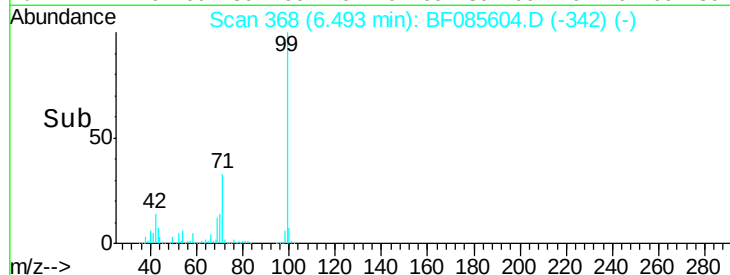
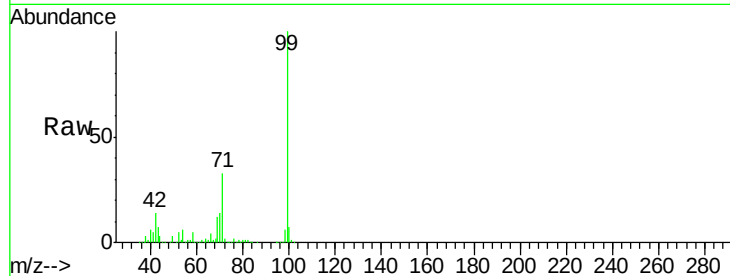
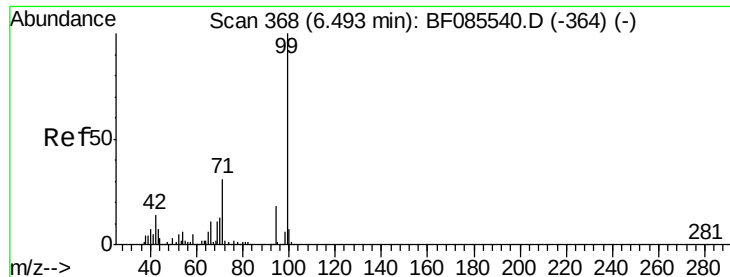


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.25 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085604.D

Acq: 20 Mar 2016 8:02

Tgt Ion: 99 Resp: 1501130

Ion Ratio Lower Upper

99 100

42 14.2 11.1 16.7

71 33.2 24.9 37.3

Instrument :

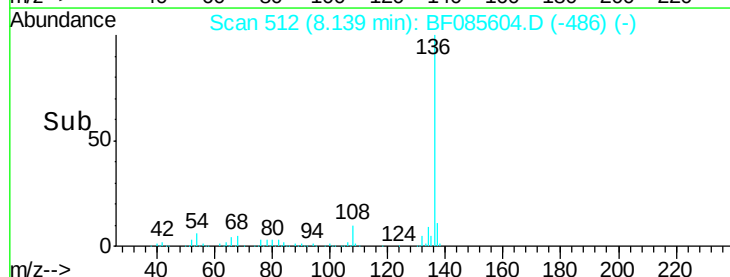
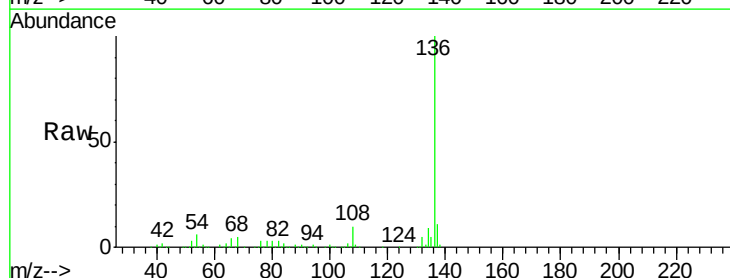
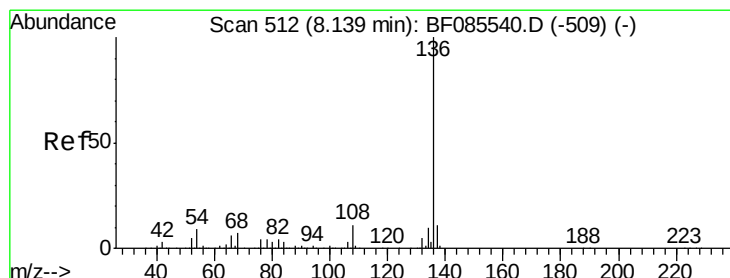
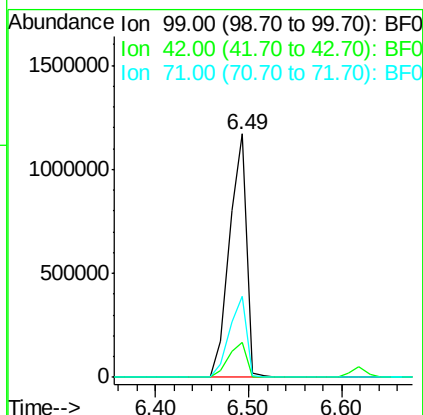
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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085604.D

Acq: 20 Mar 2016 8:02

Tgt Ion: 136 Resp: 579702

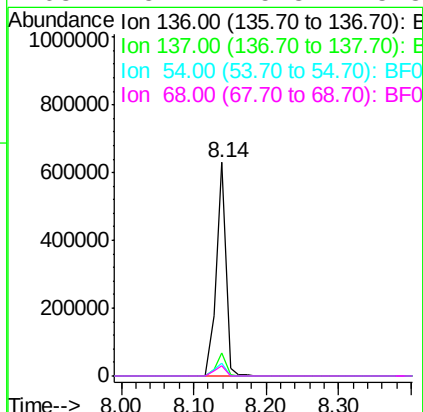
Ion Ratio Lower Upper

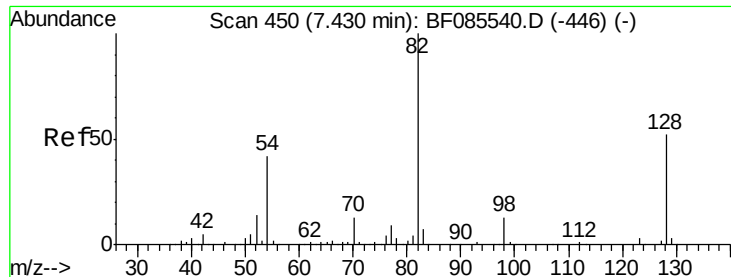
136 100

137 10.8 9.1 13.7

54 5.8 7.4 11.0#

68 5.1 5.8 8.8#





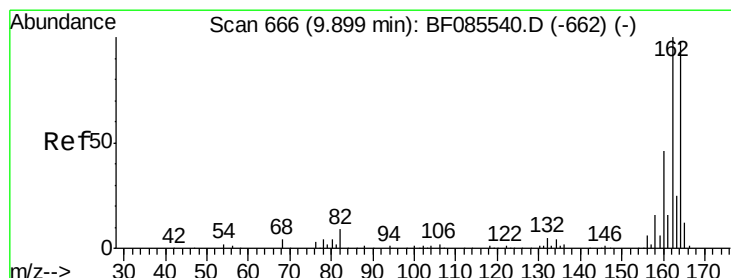
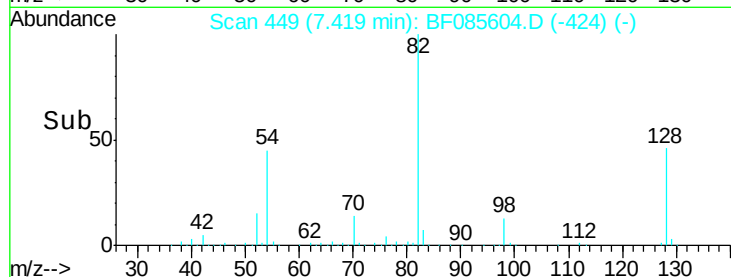
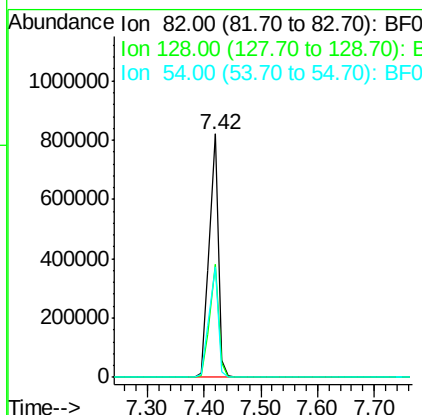
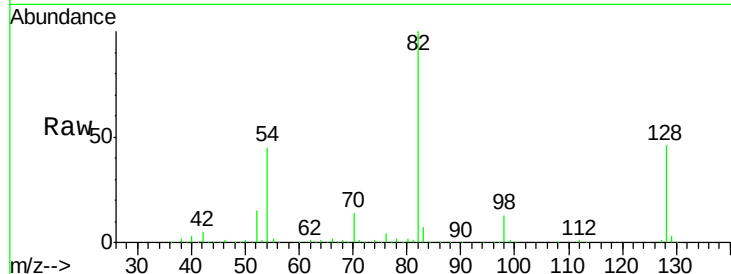
#23
 Nitrobenzene-d5
 Concen: 87.72 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085604.D
 Acq: 20 Mar 2016 8:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	876021		
128	46.4	41.8	62.8	
54	45.2	33.4	50.0	

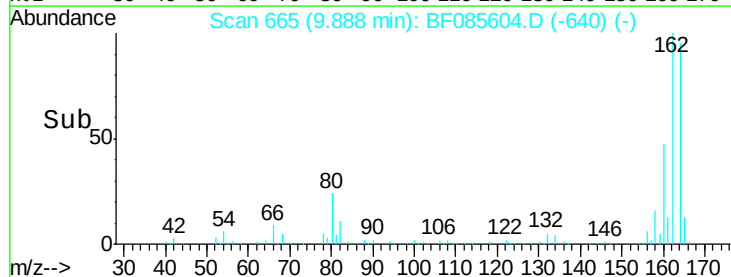
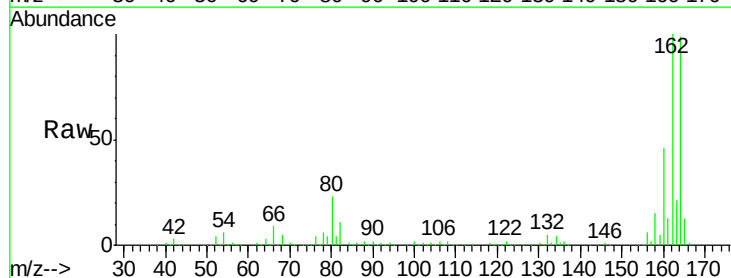
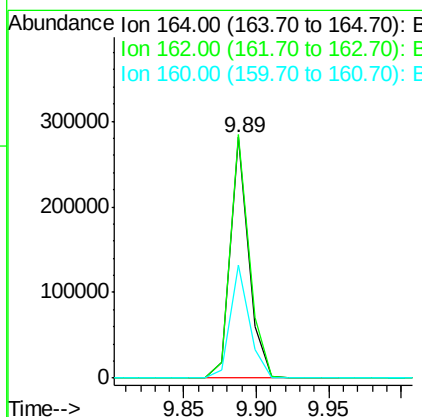
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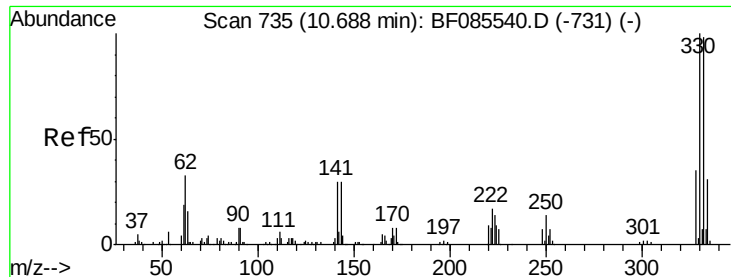
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085604.D
 Acq: 20 Mar 2016 8:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	247996		
162	101.2	82.1	123.1	
160	46.9	37.4	56.2	





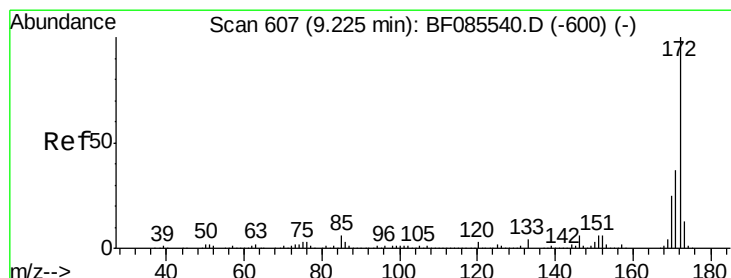
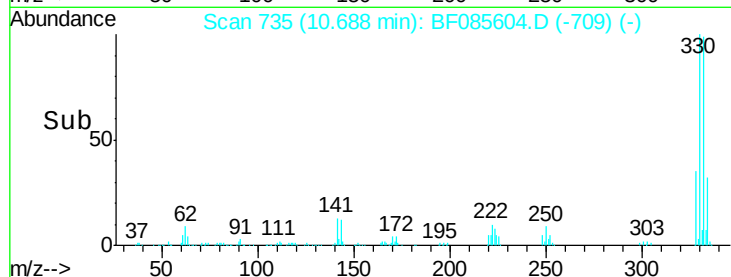
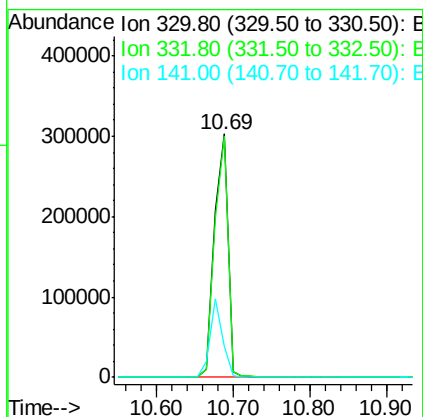
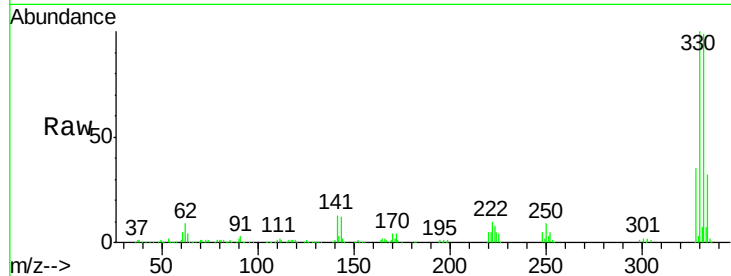
#41
 2,4,6-Tribromophenol
 Concen: 151.14 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085604.D
 Acq: 20 Mar 2016 8:02

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	367166		
332	97.7	78.2	117.2	
141	30.1	31.5	47.3#	

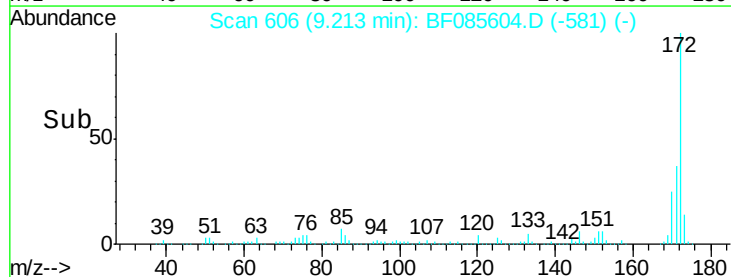
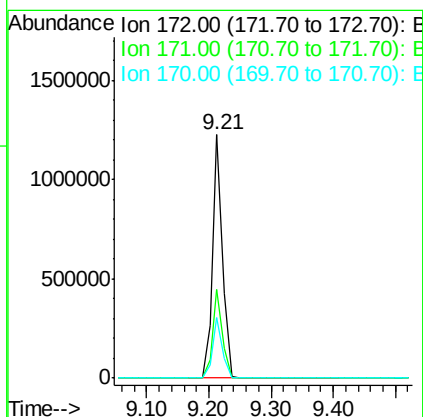
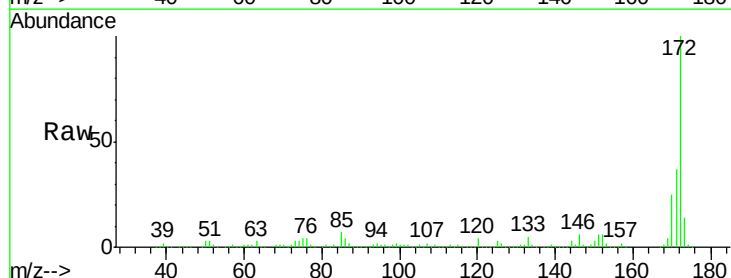
Manual Integrations
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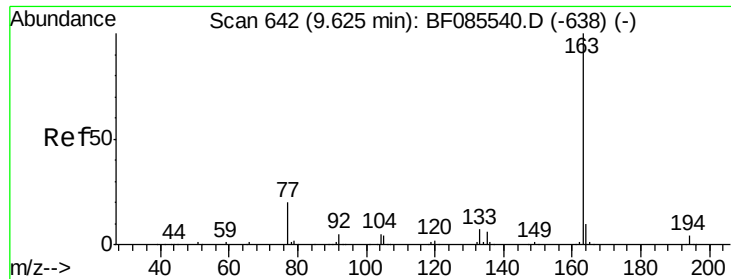
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#44
 2-Fluorobiphenyl
 Concen: 94.45 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085604.D
 Acq: 20 Mar 2016 8:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1334876		
171	36.7	29.4	44.2	
170	24.7	19.8	29.6	





#49

Dimethylphthalate

Concen: 8.15 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF085604.D

Acq: 20 Mar 2016 8:02

Instrument :

BNA_F

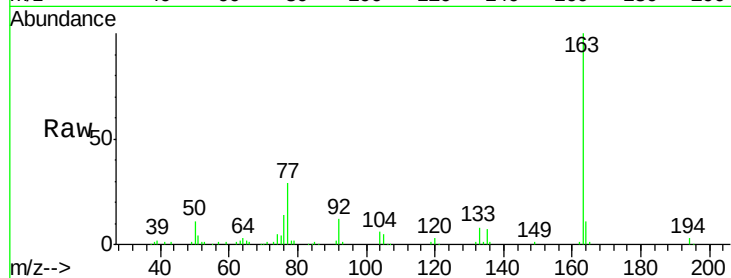
ClientSampleId :

SB-03-COMP

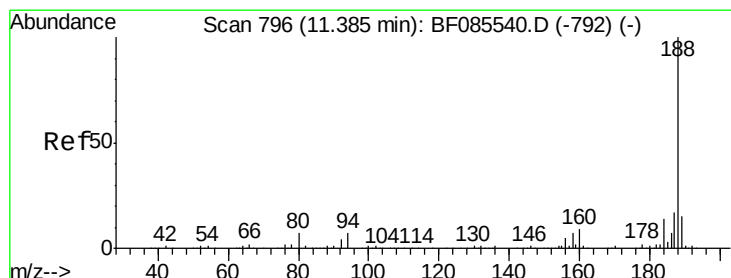
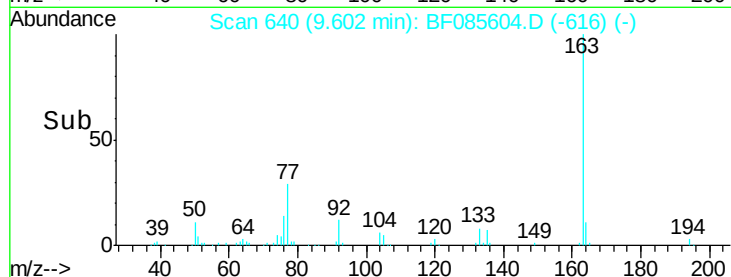
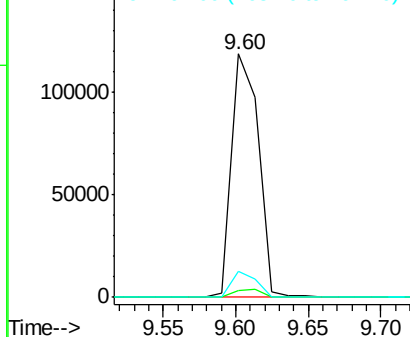
Tgt Ion:	163	Resp:	152568
Ion Ratio		Lower	Upper
163	100		
194	3.0	2.9	4.3
164	10.6	8.3	12.5

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

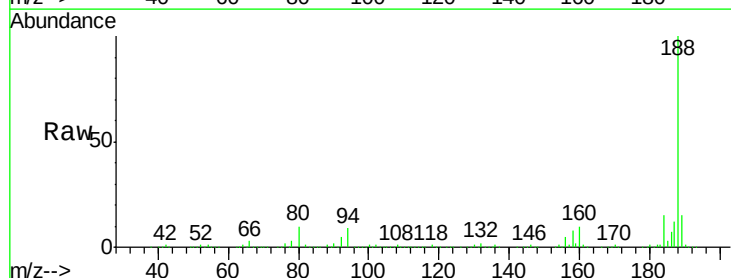
RT: 11.37 min Scan# 795

Delta R.T. -0.01 min

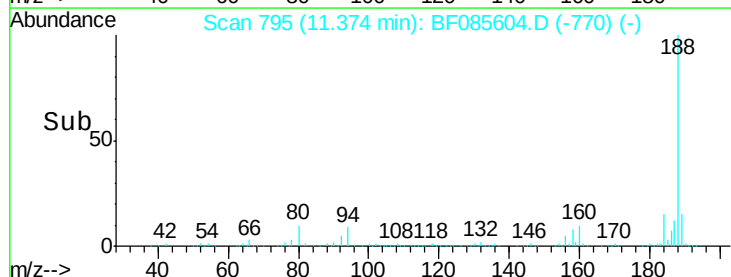
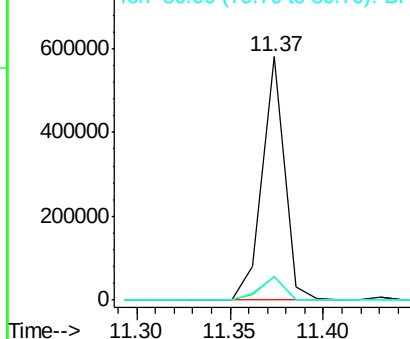
Lab File: BF085604.D

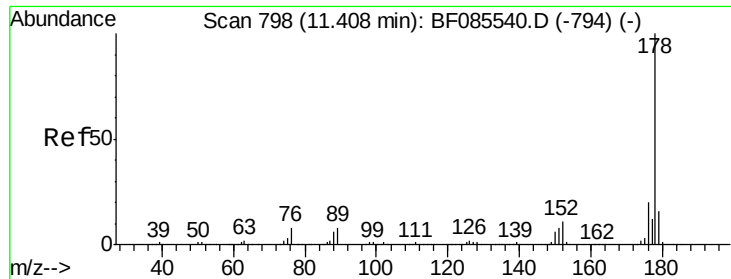
Acq: 20 Mar 2016 8:02

Tgt Ion:	188	Resp:	478954
Ion Ratio		Lower	Upper
188	100		
94	9.5	5.4	8.0#
80	9.7	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: 2.81 ng

RT: 11.40 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF085604.D

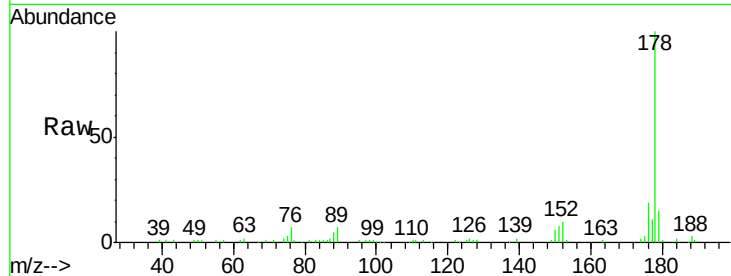
Acq: 20 Mar 2016 8:02

Instrument :

BNA_F

ClientSampleId :

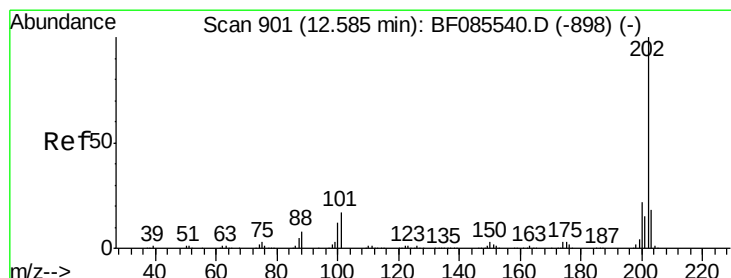
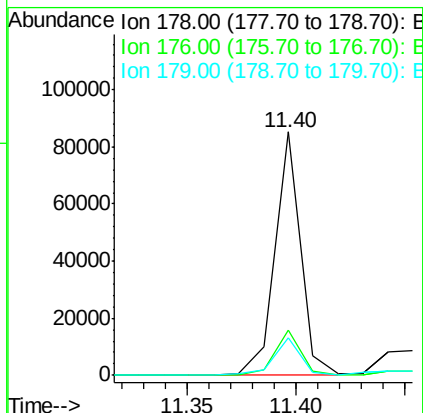
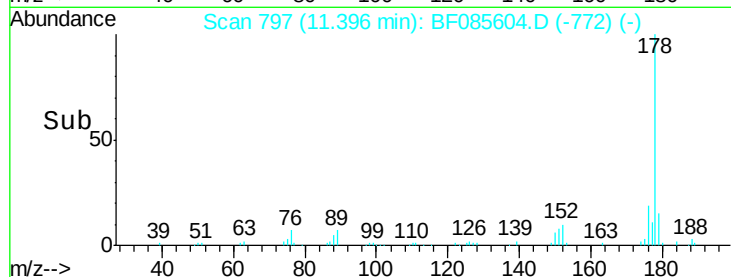
SB-03-COMP



Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.3	24.5
179	15.4	12.6	18.8

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#74

Fluoranthene

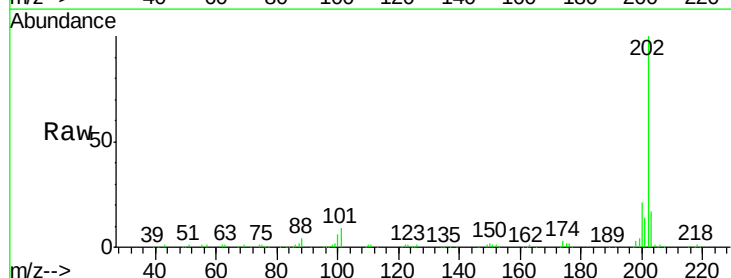
Concen: 4.93 ng

RT: 12.59 min Scan# 901

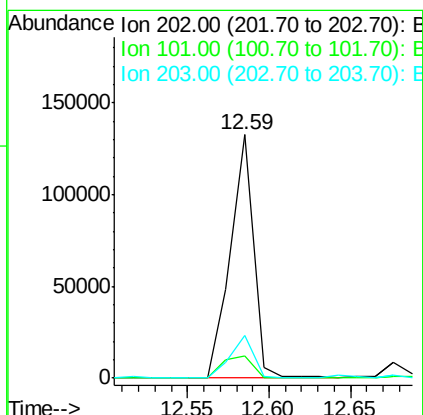
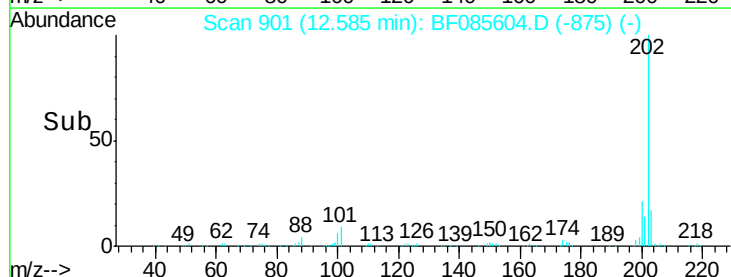
Delta R.T. 0.00 min

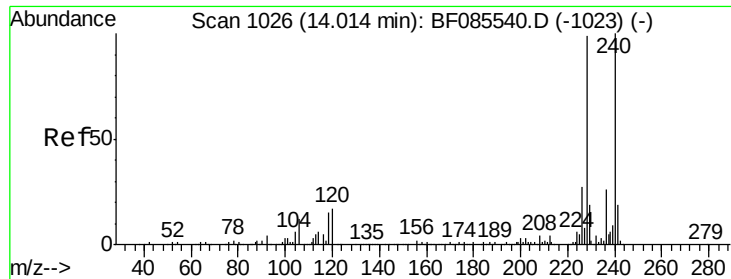
Lab File: BF085604.D

Acq: 20 Mar 2016 8:02



Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	36.6
203	17.3	0.0	38.1





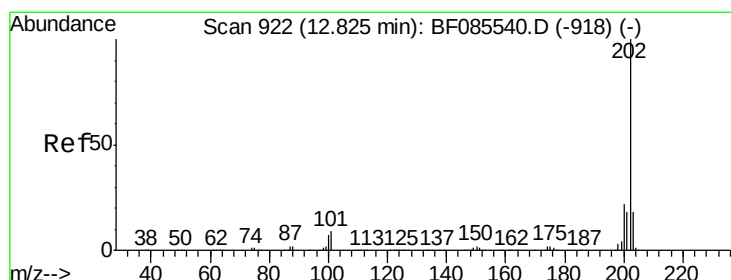
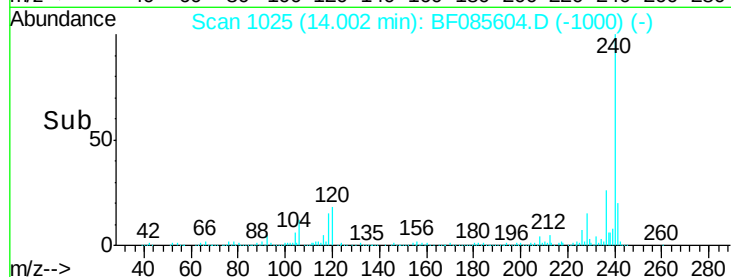
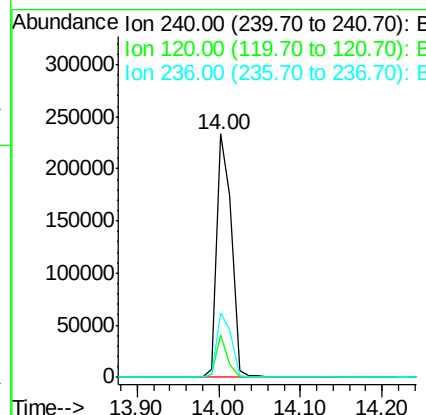
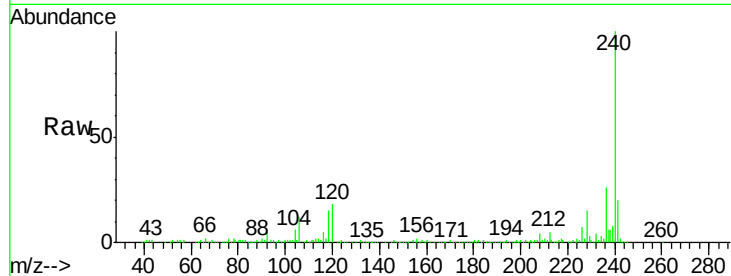
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085604.D
Acq: 20 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	295459		
120	17.7	13.8	20.8	
236	26.3	20.6	30.8	

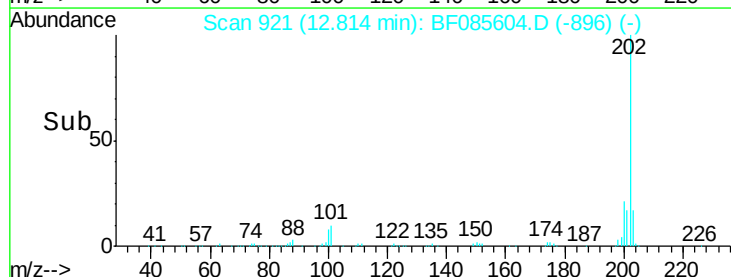
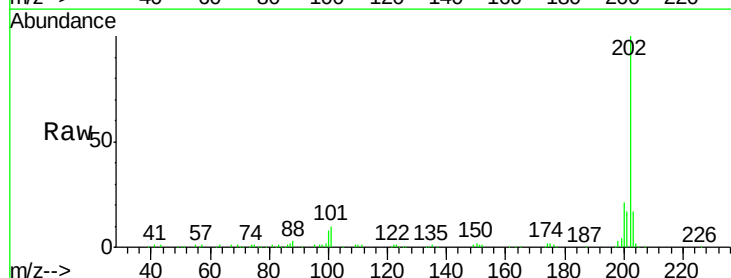
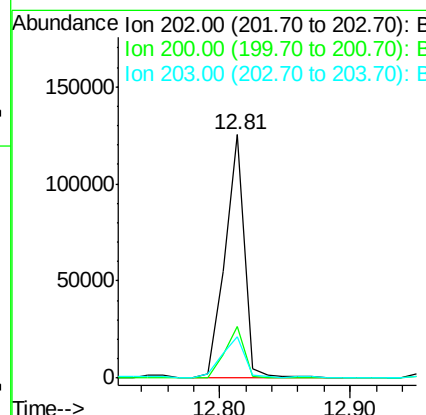
Manual Integrations
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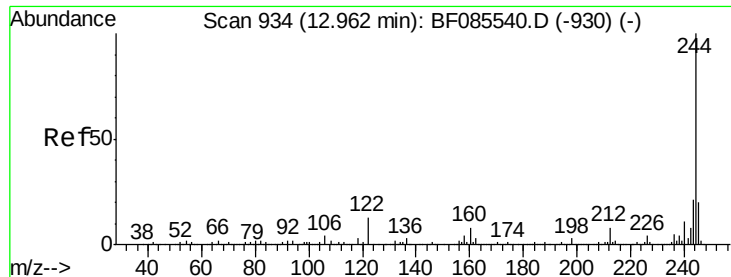
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#77
Pyrene
Concen: 6.18 ng
RT: 12.81 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF085604.D
Acq: 20 Mar 2016 8:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	131138		
200	21.1	17.6	26.4	
203	17.2	14.0	21.0	





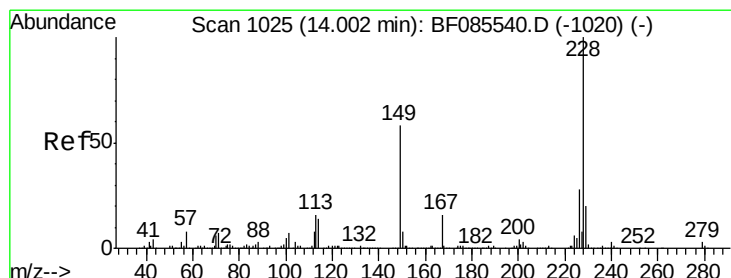
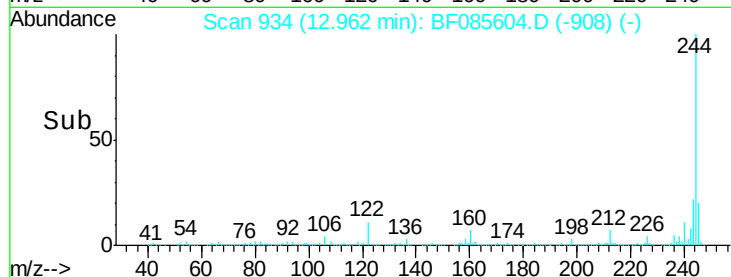
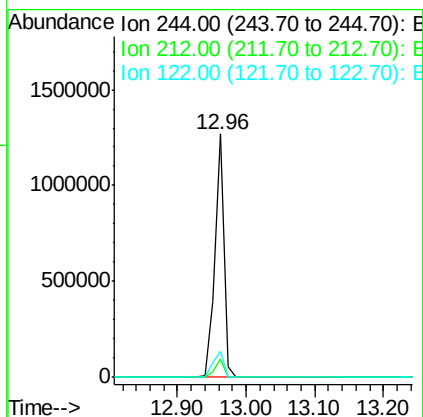
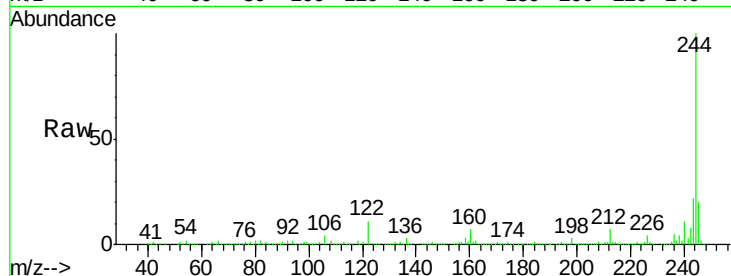
#78
 Terphenyl-d14
 Concen: 97.28 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085604.D
 Acq: 20 Mar 2016 8:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion:244 Resp: 1194485
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 10.8 10.2 15.4

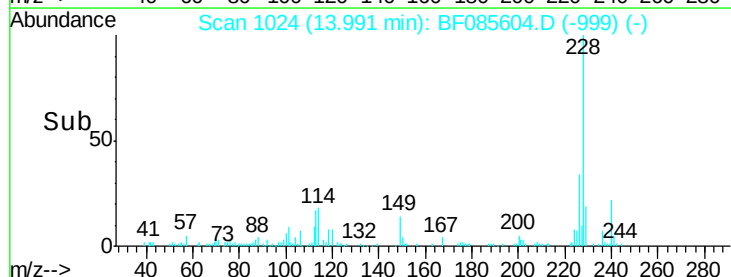
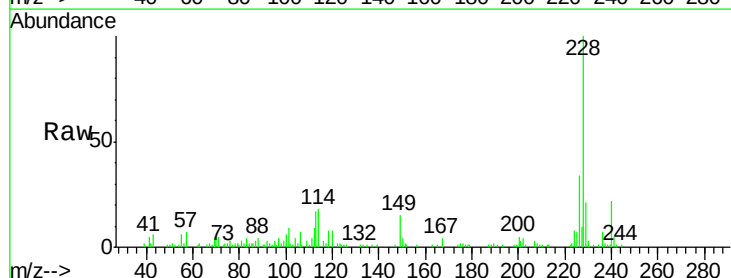
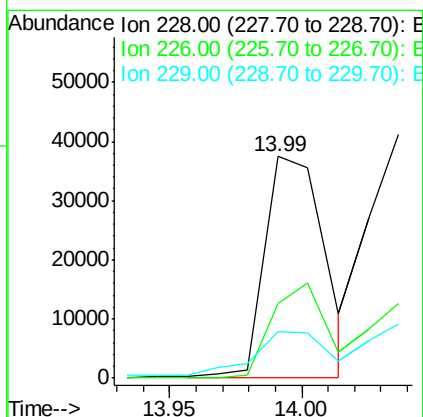
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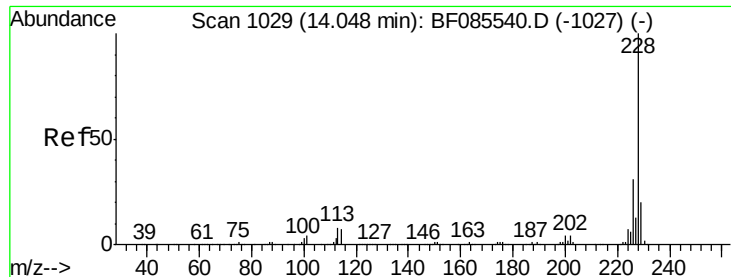
apatel
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#80
 Benzo(a)anthracene
 Concen: 3.44 ng m
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF085604.D
 Acq: 20 Mar 2016 8:02

Tgt Ion:228 Resp: 58919
 Ion Ratio Lower Upper
 228 100
 226 33.9 22.1 33.1#
 229 21.0 16.2 24.4





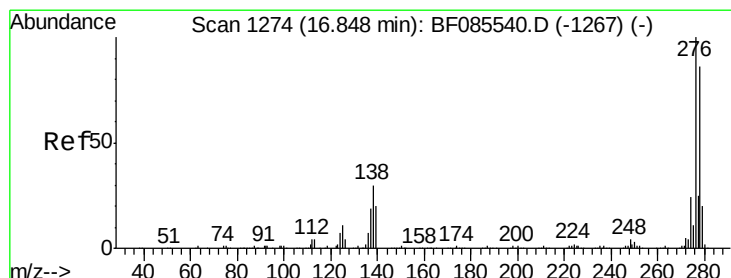
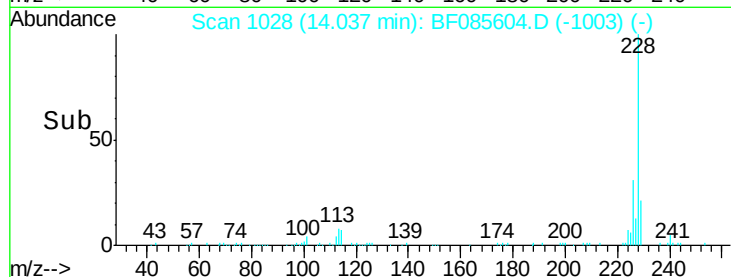
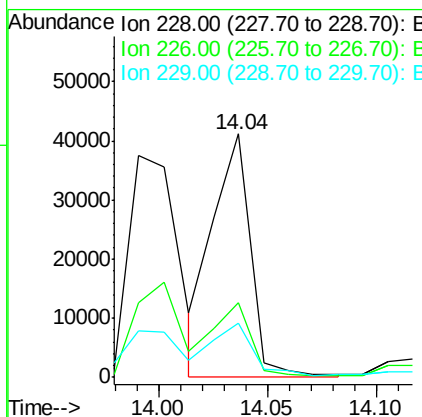
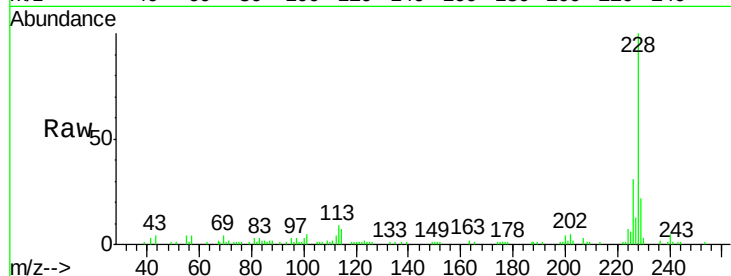
#82
Chrysene
Concen: 3.03 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF085604.D
Acq: 20 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	22.1	15.7	23.5

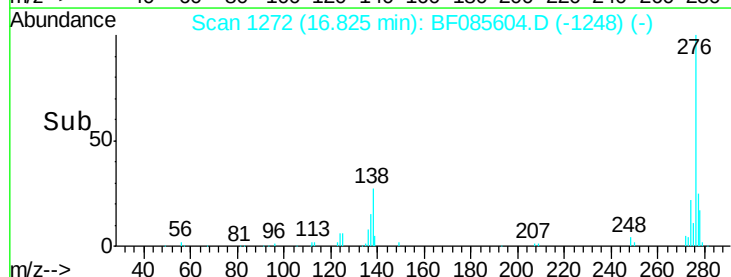
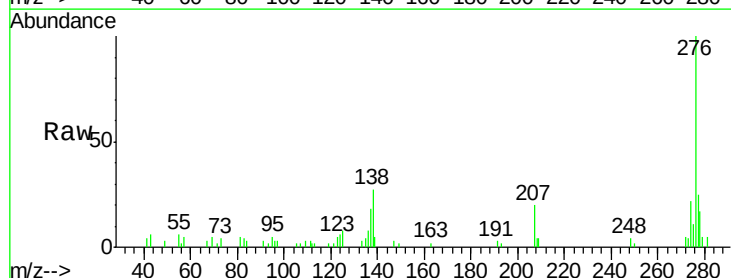
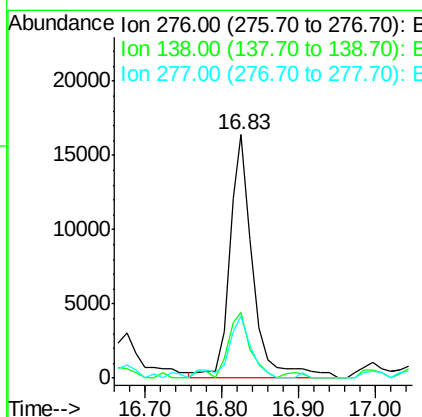
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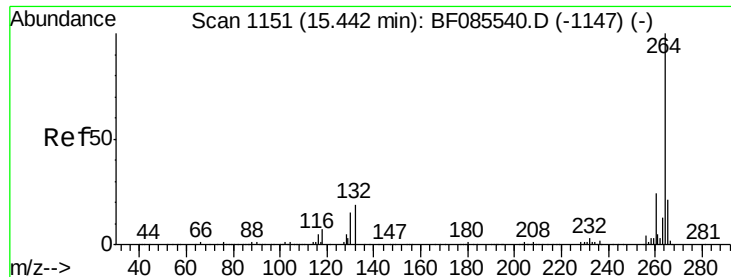
apatel
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.52 ng
RT: 16.83 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF085604.D
Acq: 20 Mar 2016 8:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	24.2	36.4
277	27.3	20.0	30.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF085604.D

Acq: 20 Mar 2016 8:02

Instrument :

BNA_F

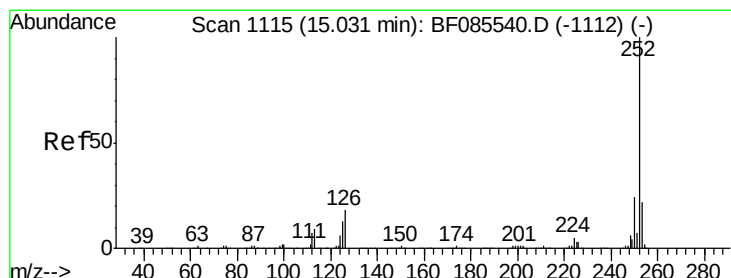
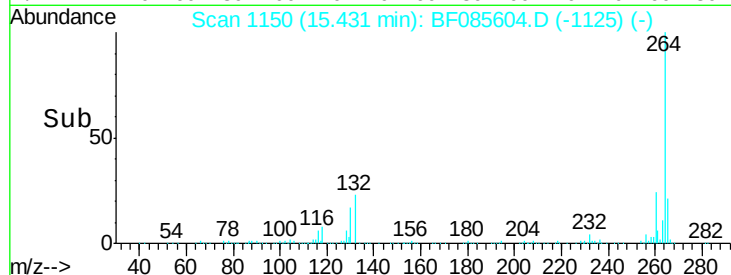
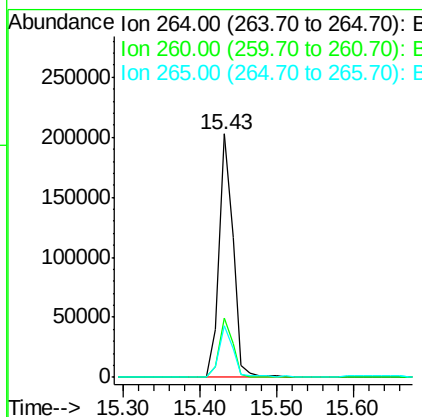
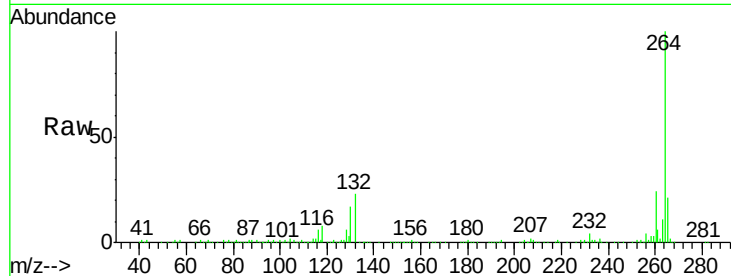
ClientSampleId :

SB-03-COMP

Tgt Ion:	264	Resp:	261339
Ion Ratio		Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.4	17.2	25.8

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#87

Benzo(b)fluoranthene

Concen: 4.36 ng m

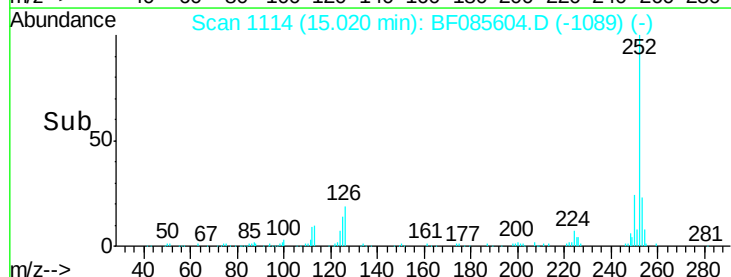
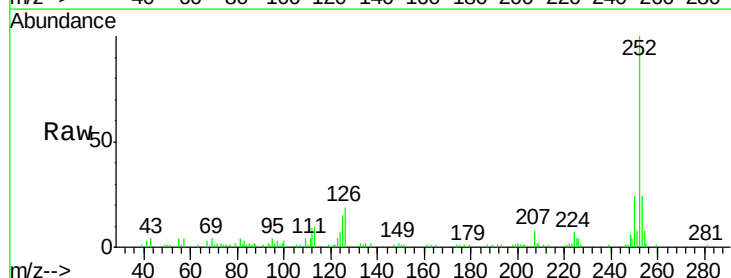
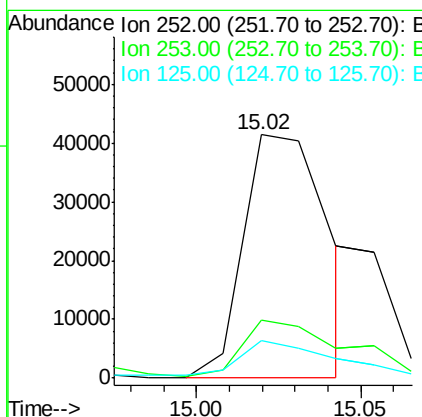
RT: 15.02 min Scan# 1114

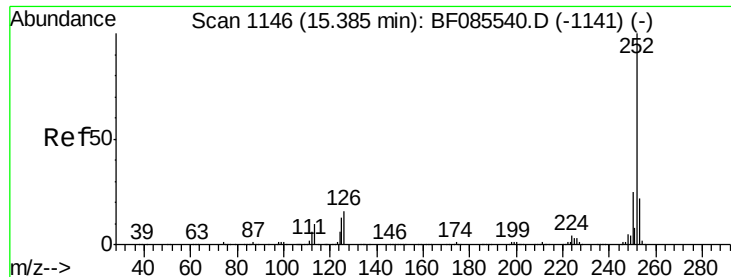
Delta R.T. -0.01 min

Lab File: BF085604.D

Acq: 20 Mar 2016 8:02

Tgt Ion:	252	Resp:	74337
Ion Ratio		Lower	Upper
252	100		
253	23.8	17.6	26.4
125	15.2	10.3	15.5





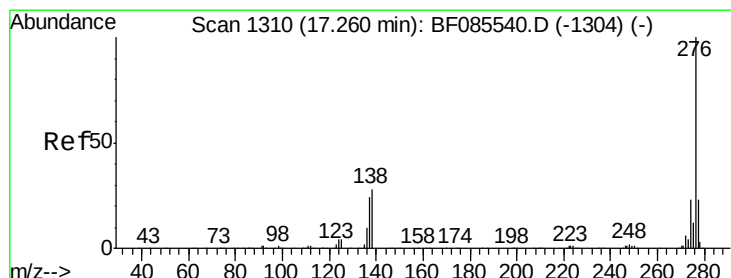
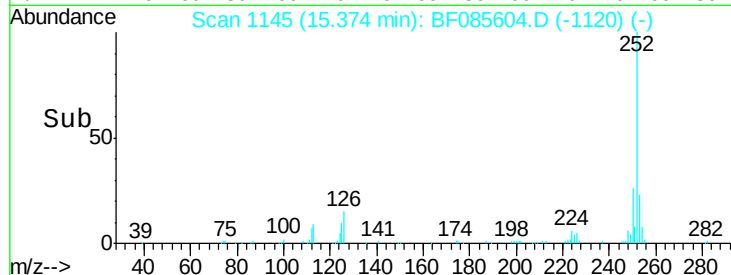
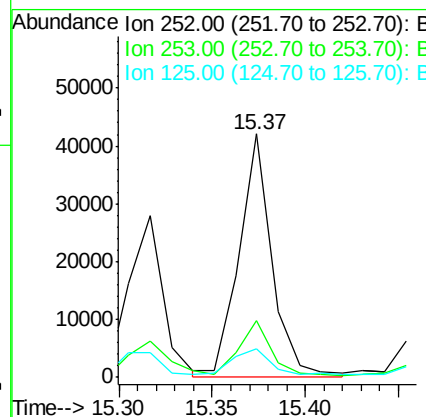
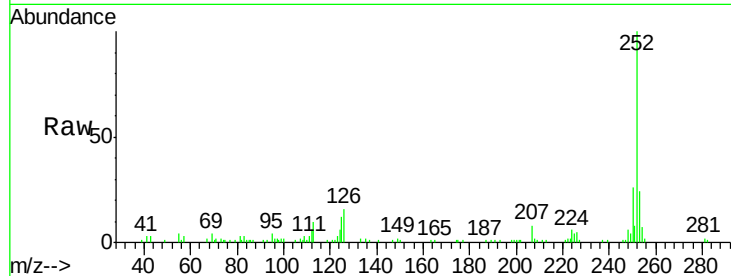
#89
Benzo(a)pyrene
Concen: 3.60 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF085604.D
Acq: 20 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	11.6	10.3	15.5

Manual Integrations
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3/21/2016 5:10:45 PM



#91
Benzo(g,h,i)perylene
Concen: 3.06 ng
RT: 17.25 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF085604.D
Acq: 20 Mar 2016 8:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	25.0	22.6	34.0

