

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098690.D
 Acq On : 22 Sep 2017 10:43
 Operator : SJ/JU
 Sample : I5293-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Manual Integrations
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Quant Time: Sep 22 13:02:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 11:54:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	153105	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	589045	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	236515	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	336727	20.00	ng	0.00
75) Chrysene-d12	14.09	240	289623	20.00	ng	0.00
86) Perylene-d12	15.58	264	335013	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1009517	100.13	ng	0.00
7) Phenol-d6	6.55	99	1182147	96.82	ng	0.00
23) Nitrobenzene-d5	7.49	82	692237	79.71	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	201323	93.08	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1011253	68.04	ng	0.00
78) Terphenyl-d14	13.03	244	648394	48.07	ng	0.00
Target Compounds						
10) Phenol	6.56	94	45897	3.406	ng	97
49) Dimethylphthalate	9.67	163	153446	8.651	ng	99
70) Phenanthrene	11.47	178	52538	2.876	ng	99
74) Fluoranthene	12.66	202	124937	6.863	ng	99
77) Pyrene	12.89	202	145944	6.787	ng	99
80) Benzo(a)anthracene	14.07	228	63646	3.648	ng	98
82) Chrysene	14.11	228	59042	3.505	ng	96
85) Indeno(1,2,3-cd)pyrene	17.08	276	32504	2.487	ng	96
87) Benzo(b)fluoranthene	15.13	252	78960m	4.064	ng	
89) Benzo(a)pyrene	15.51	252	55578	3.150	ng	# 87

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

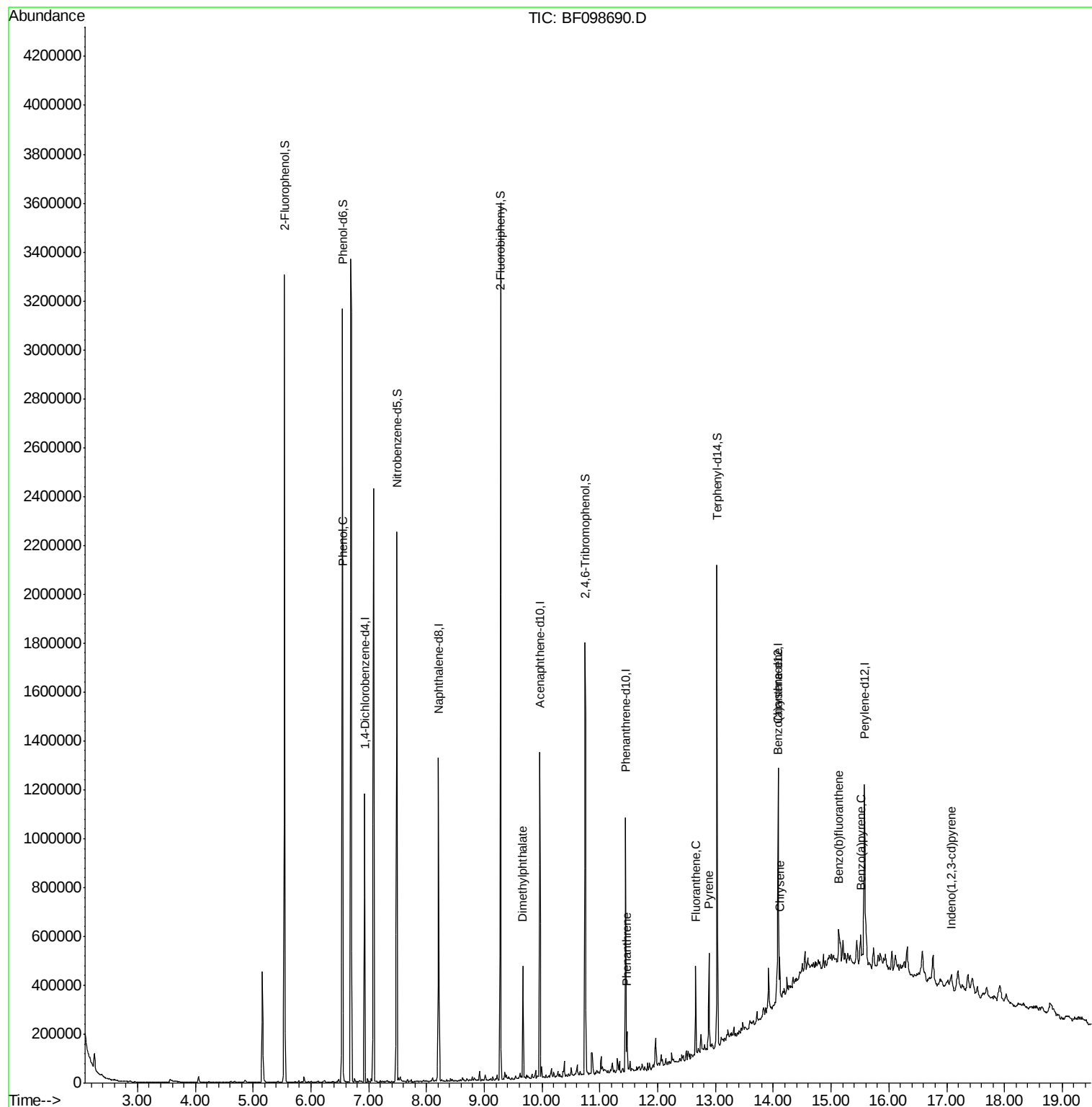
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
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ALS Vial : 7 Sample Multiplier: 1

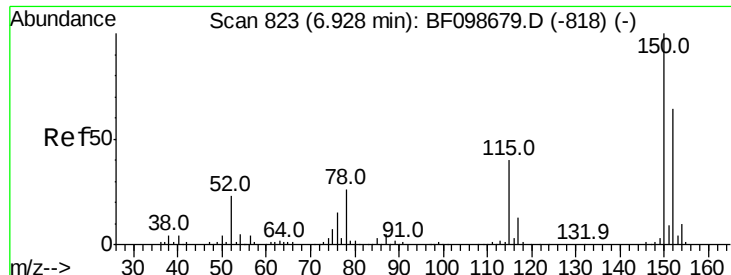
Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

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9/25/2017 6:20:58 PM

Quant Time: Sep 22 13:02:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

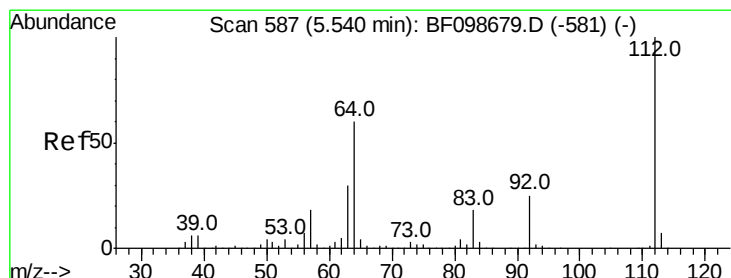
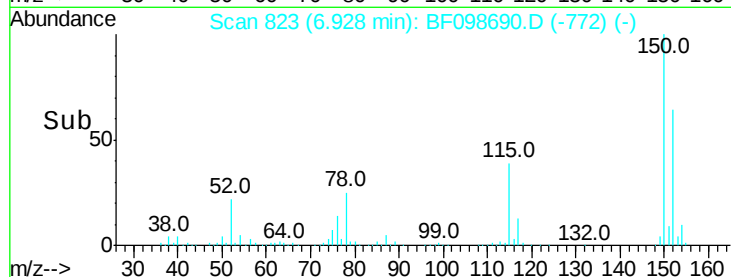
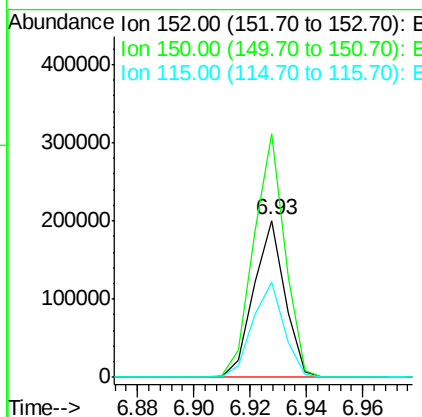
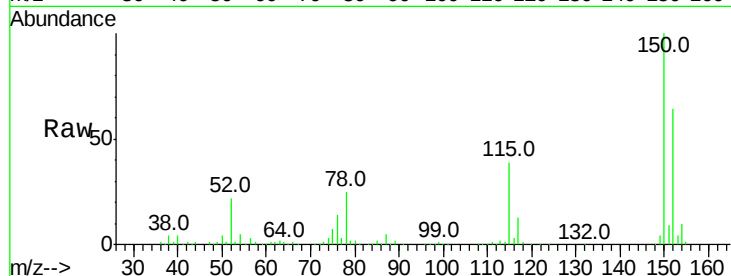
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098690.D
Acq: 22 Sep 2017 10:43

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	60.8	50.1	75.1

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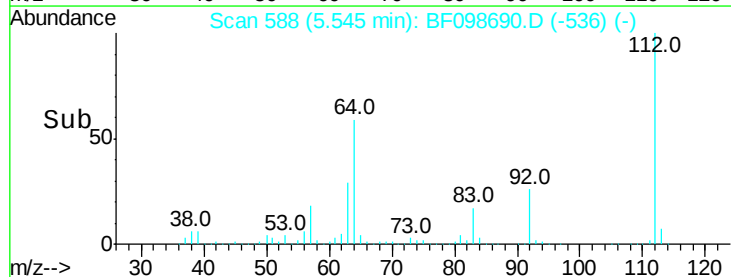
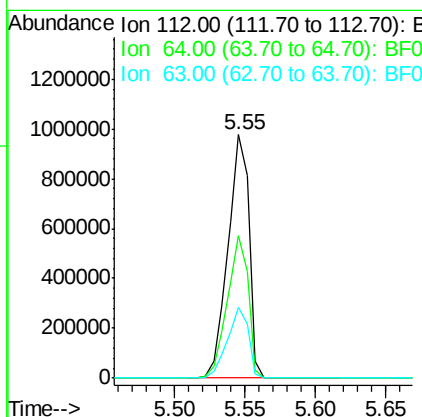
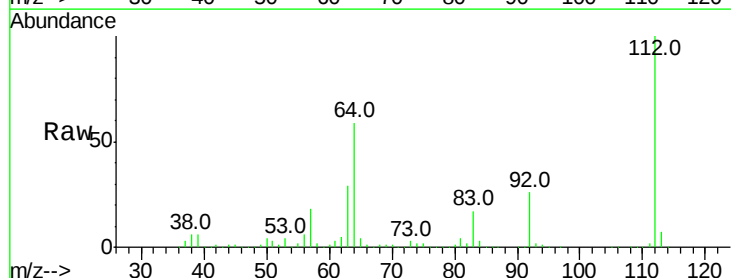
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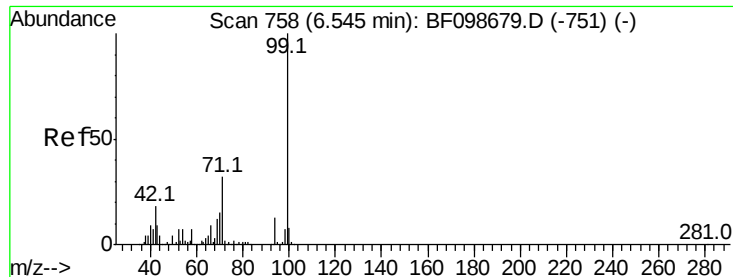


#5

2-Fluorophenol
Concen: 100.125 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098690.D
Acq: 22 Sep 2017 10:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	29.2	23.7	35.5





#7

Phenol-d6

Concen: 96.823 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098690.D

Acq: 22 Sep 2017 10:43

Instrument :

BNA_F

ClientSampleId :

TP-2-COMP

Tot Ion: 99 Resp: 1182147

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

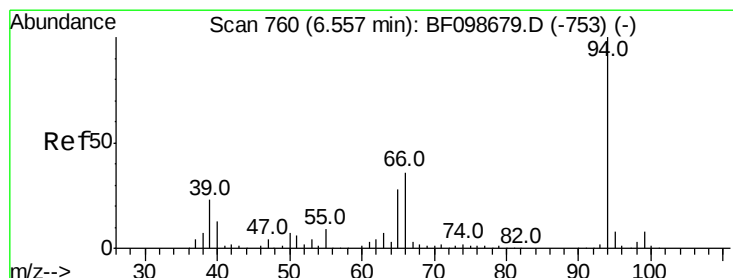
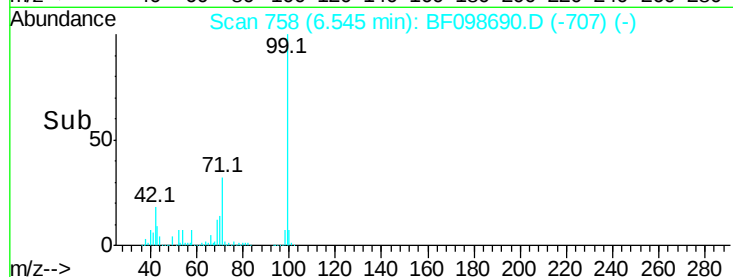
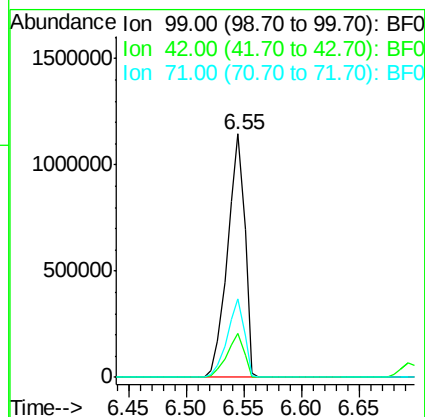
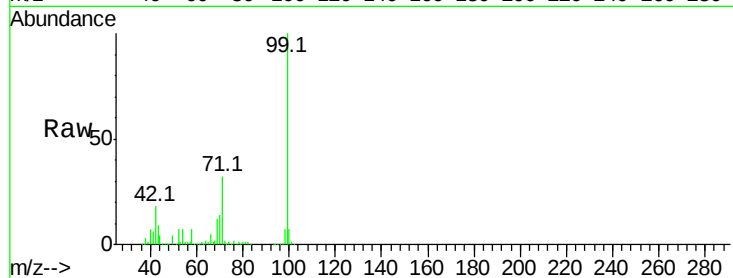
71 32.4 25.4 38.0

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#10

Phenol

Concen: 3.406 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF098690.D

Acq: 22 Sep 2017 10:43

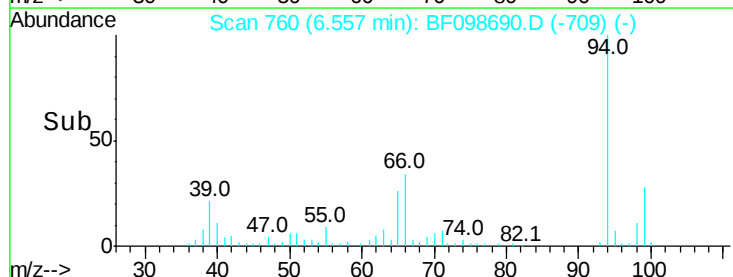
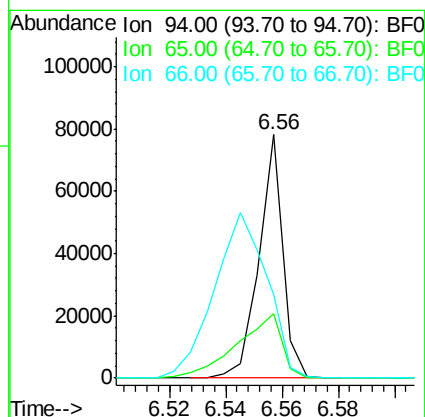
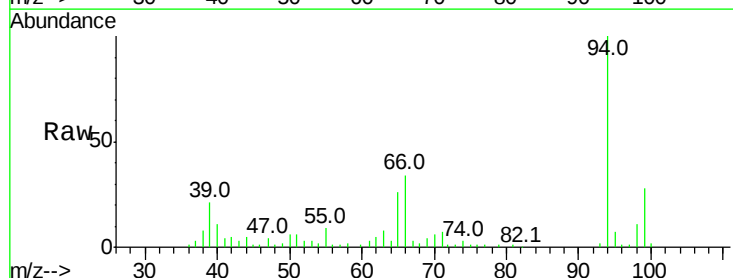
Tgt Ion: 94 Resp: 45897

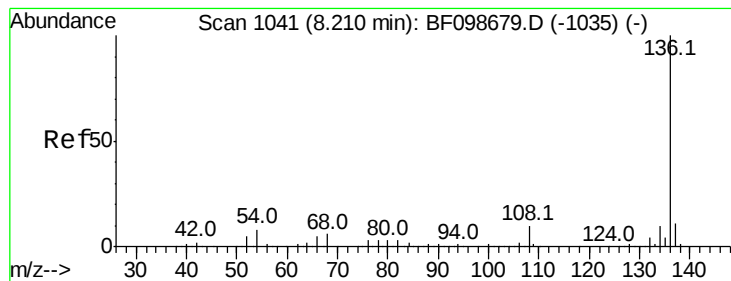
Ion Ratio Lower Upper

94 100

65 26.4 7.9 47.9

66 34.2 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF098690.D

Acq: 22 Sep 2017 10:43

Instrument :

BNA_F

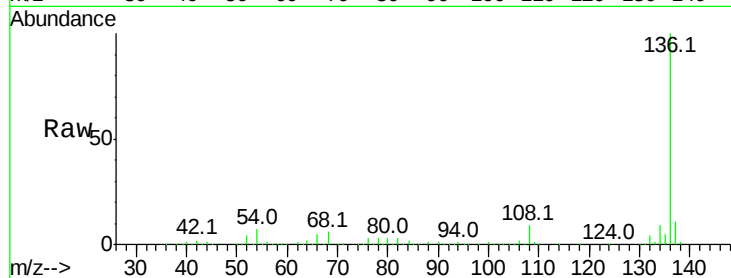
ClientSampleId :

TP-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100	589045		
137	11.0	8.9	13.3	
54	7.3	6.6	9.8	
68	5.6	5.0	7.4	

Manual Integrations
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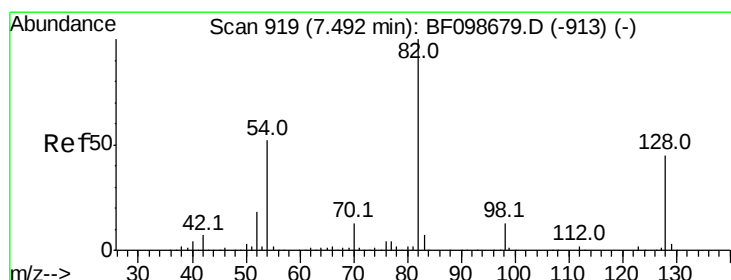
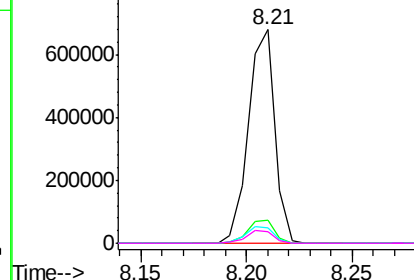
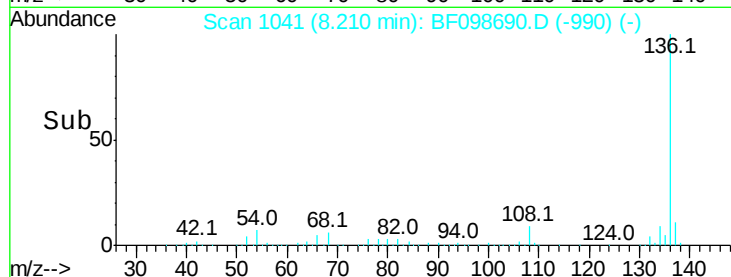


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 79.714 ng

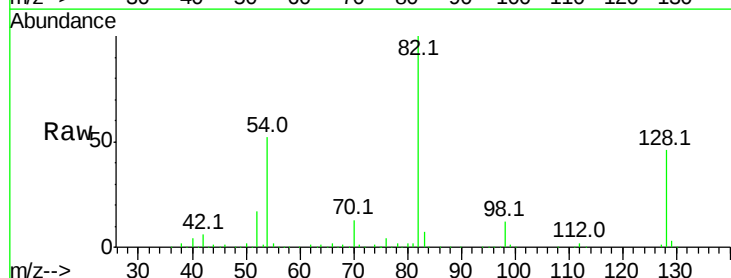
RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF098690.D

Acq: 22 Sep 2017 10:43

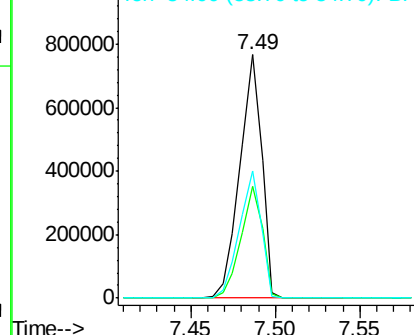
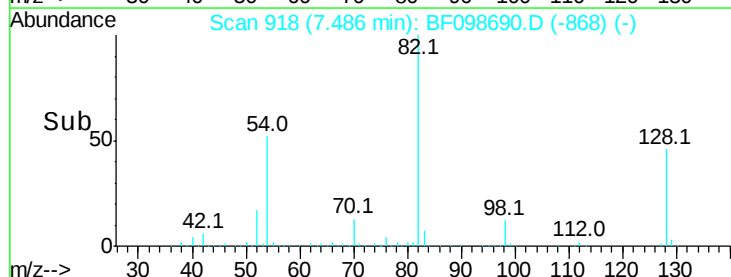
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	692237		
128	45.7	36.1	54.1	
54	52.2	41.4	62.2	

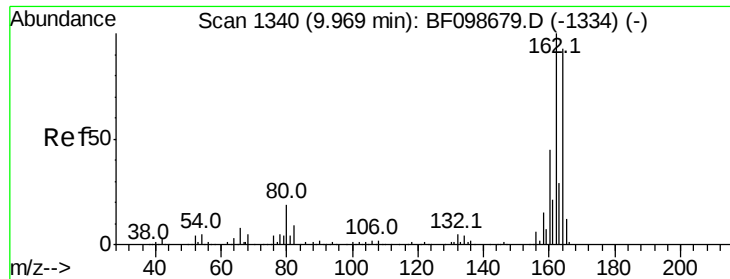


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





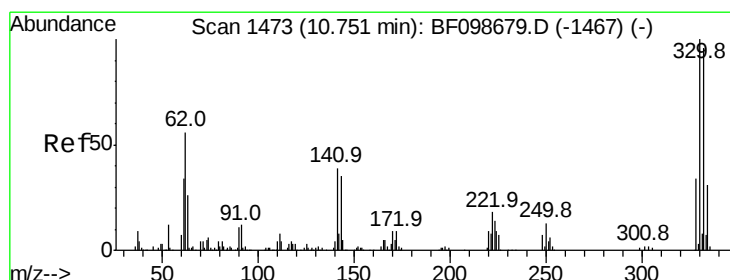
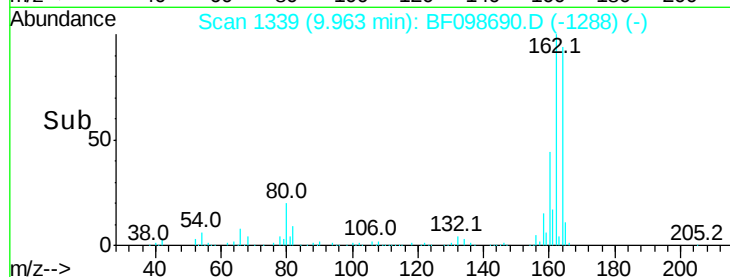
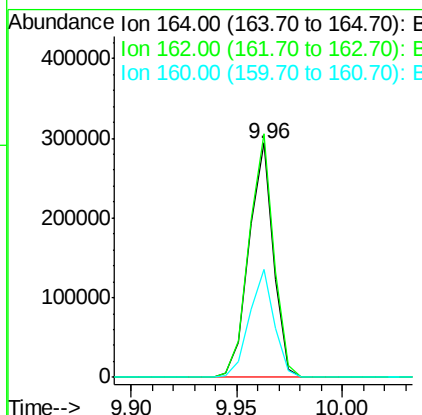
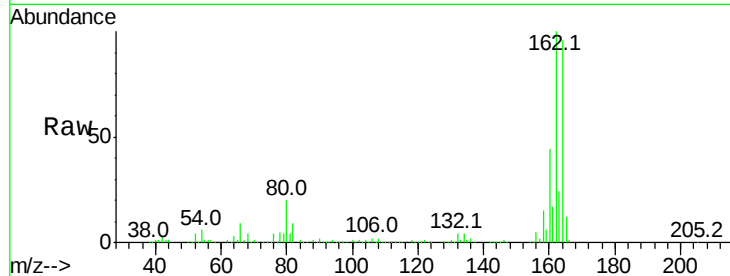
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF098690.D
 Acq: 22 Sep 2017 10:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100	236515		
162	103.9	86.1	129.1	
160	45.9	38.3	57.5	

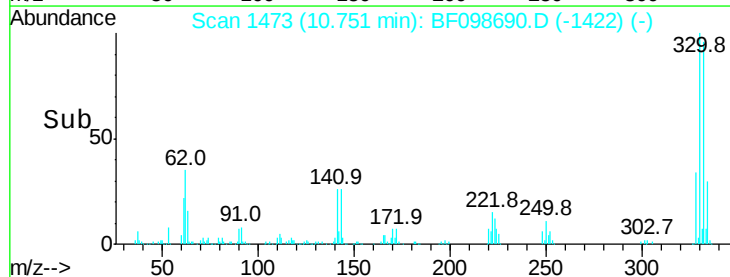
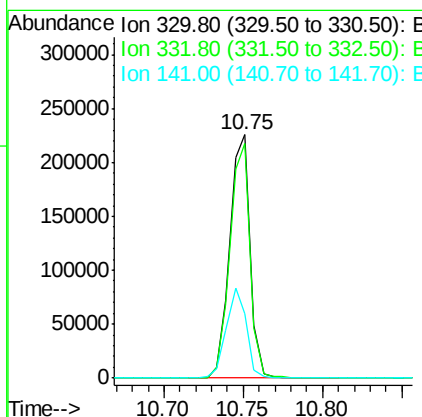
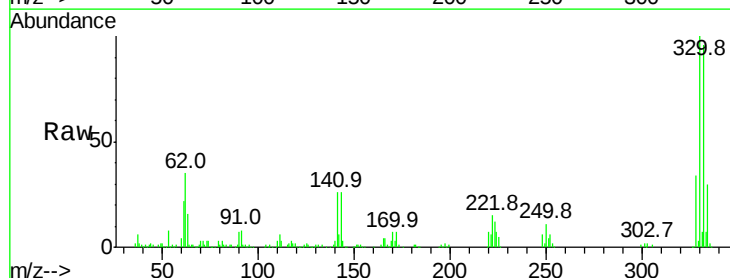
Manual Integrations
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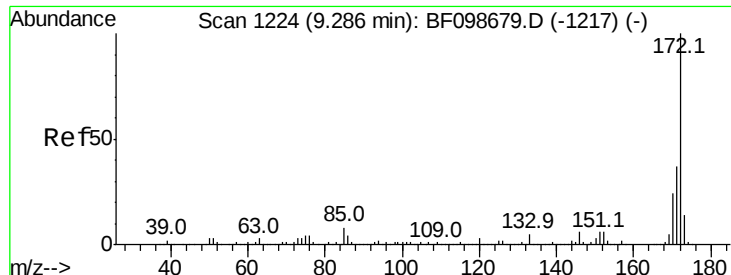
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#41
 2,4,6-Tribromophenol
 Concen: 93.077 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098690.D
 Acq: 22 Sep 2017 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	201323		
332	95.6	77.0	115.6	
141	37.2	29.9	44.9	





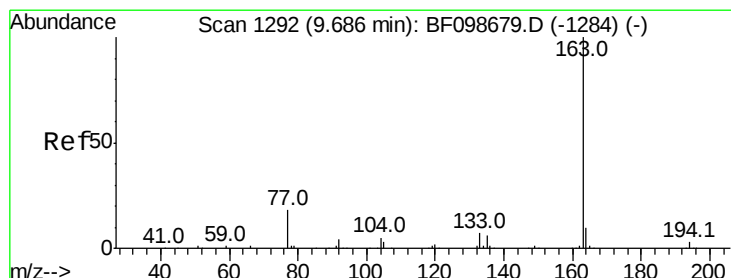
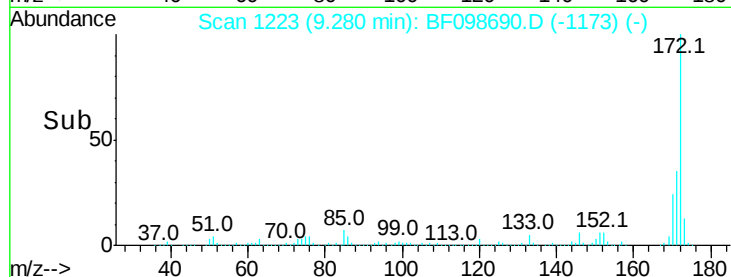
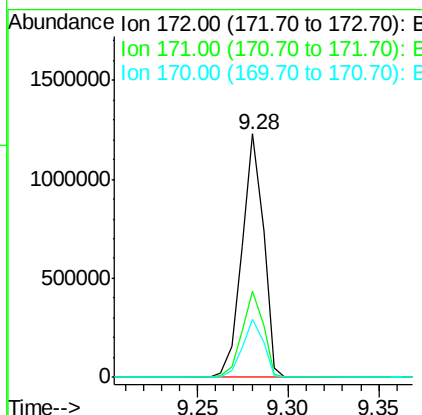
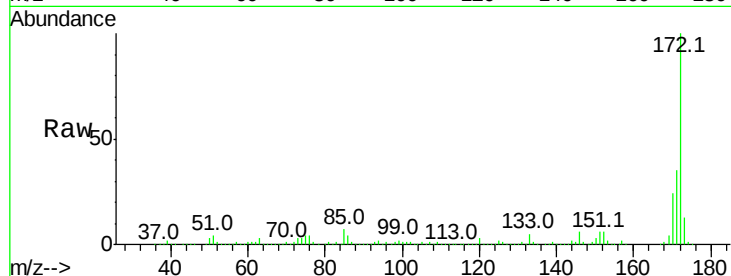
#44
2-Fluorobiphenyl
Concen: 68.037 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF098690.D
Acq: 22 Sep 2017 10:43

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.1	19.6	29.4

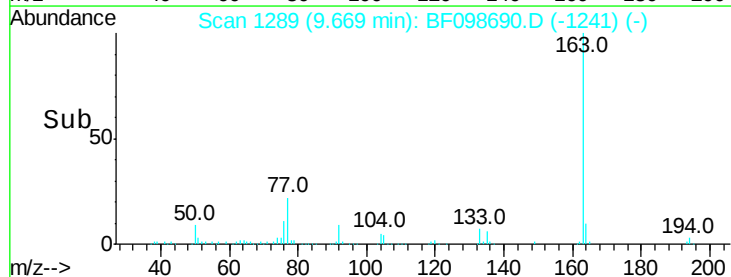
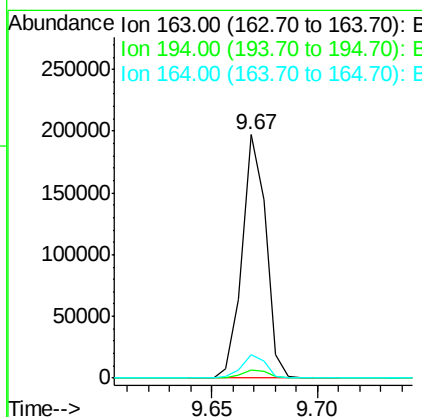
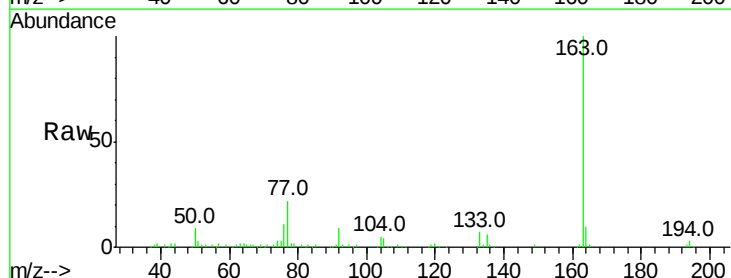
Manual Integrations
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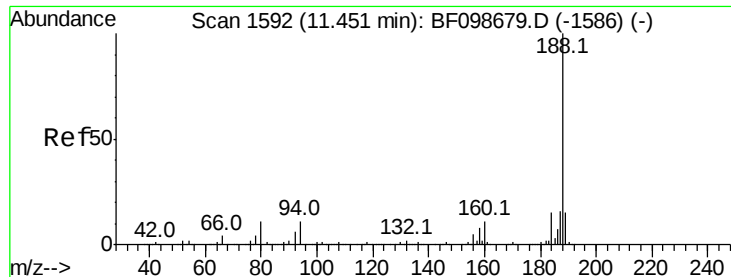
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#49
Dimethylphthalate
Concen: 8.651 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BF098690.D
Acq: 22 Sep 2017 10:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2





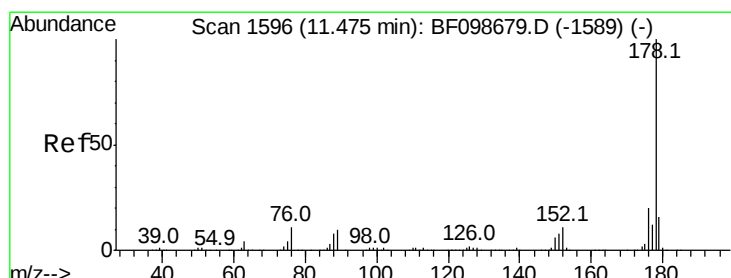
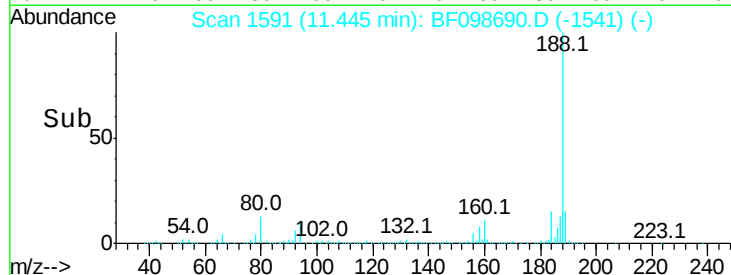
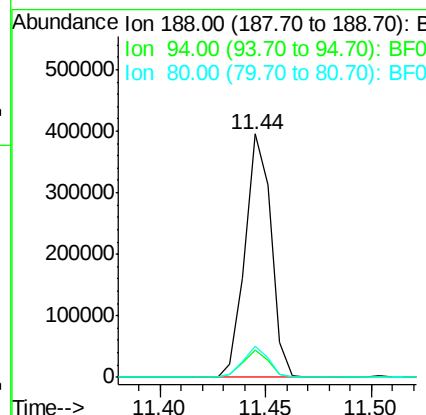
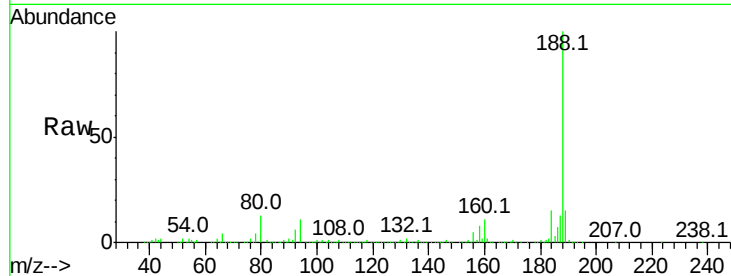
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF098690.D
Acq: 22 Sep 2017 10:43

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	336727		
94	11.3		8.5	12.7
80	12.5		9.2	13.8

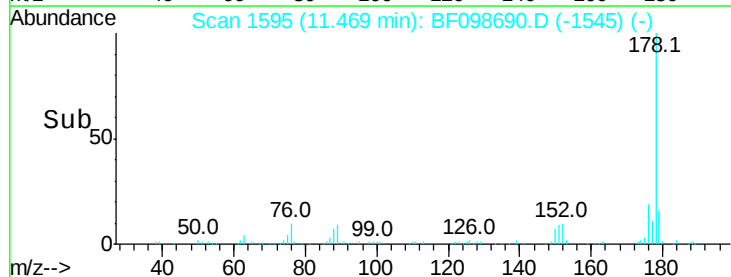
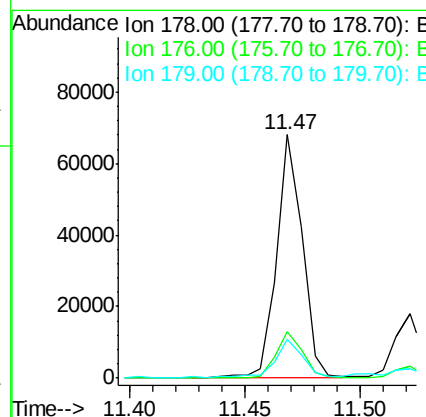
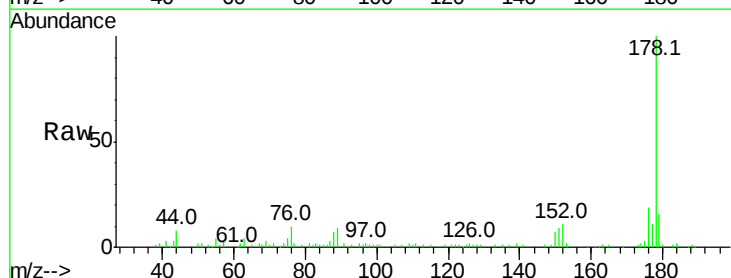
Manual Integrations
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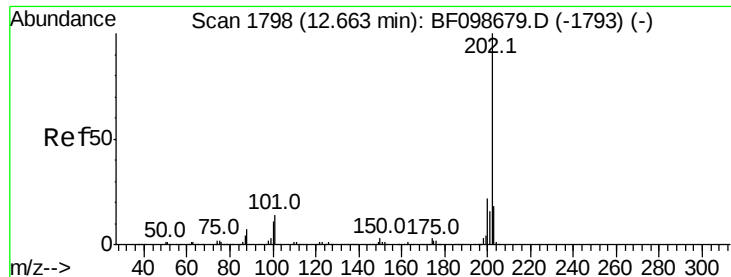
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#70
Phenanthrene
Concen: 2.876 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098690.D
Acq: 22 Sep 2017 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	52538		
176	19.0		15.8	23.8
179	16.0		13.0	19.6





#74

Fluoranthene

Concen: 6.863 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098690.D

Acq: 22 Sep 2017 10:43

Instrument :

BNA_F

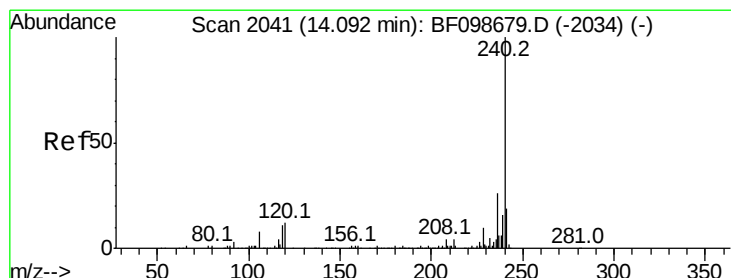
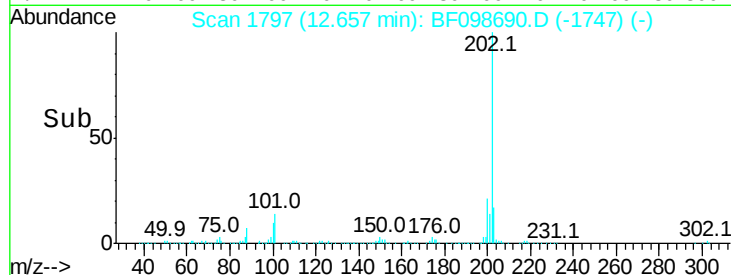
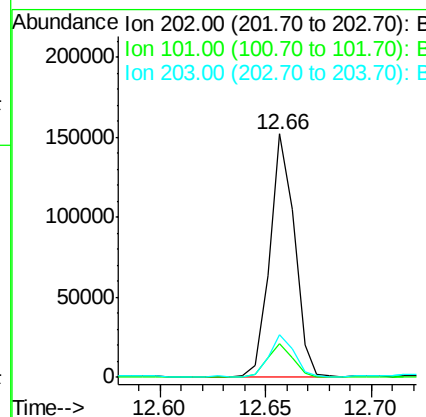
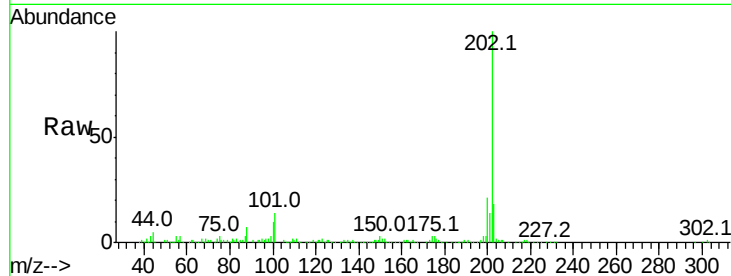
ClientSampleId :

TP-2-COMP

Tot Ion:	202	Resp:	124937
Ion Ratio		Lower	Upper
202	100		
101	14.0	0.0	34.1
203	17.7	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

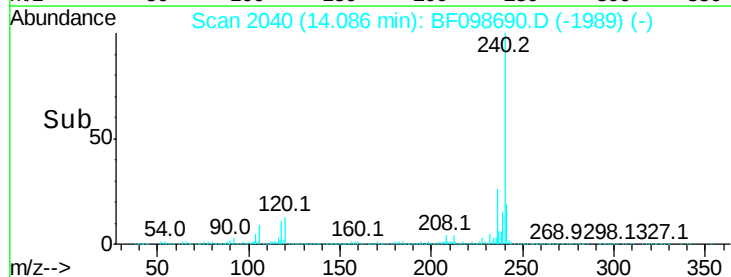
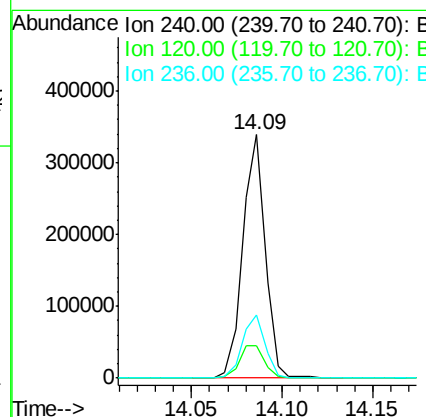
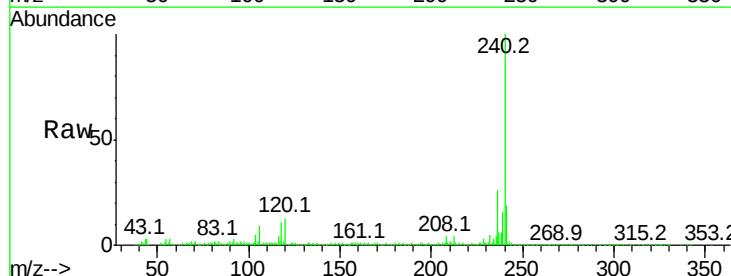
RT: 14.09 min Scan# 2040

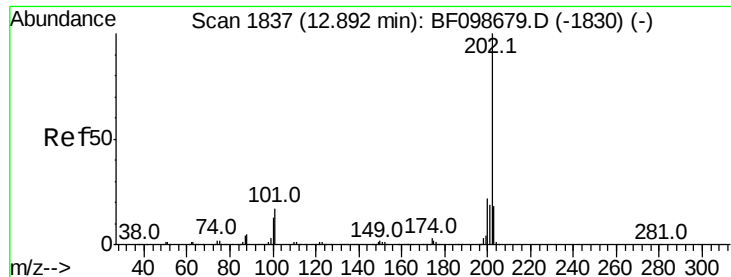
Delta R.T. -0.00 min

Lab File: BF098690.D

Acq: 22 Sep 2017 10:43

Tgt Ion:	240	Resp:	289623
Ion Ratio		Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.9	20.7	31.1





#77

Pvrene

Concen: 6.787 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098690.D

Acq: 22 Sep 2017 10:43

Instrument :

BNA_F

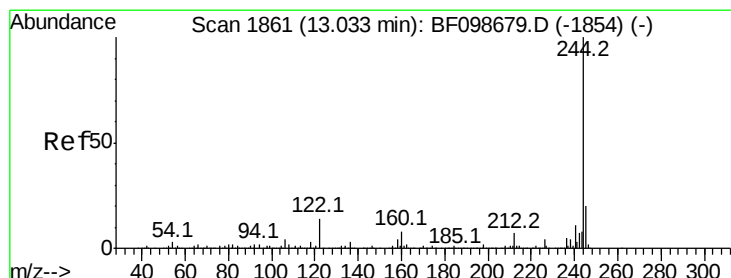
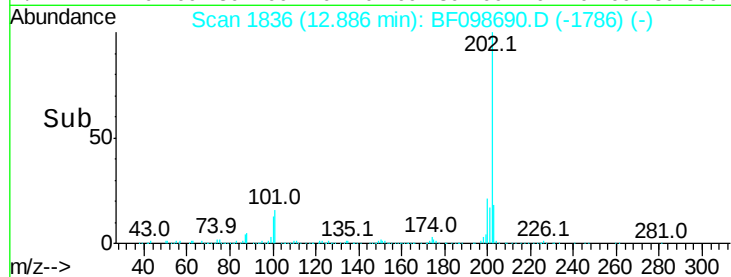
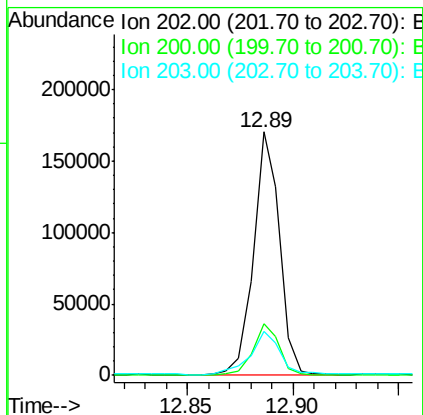
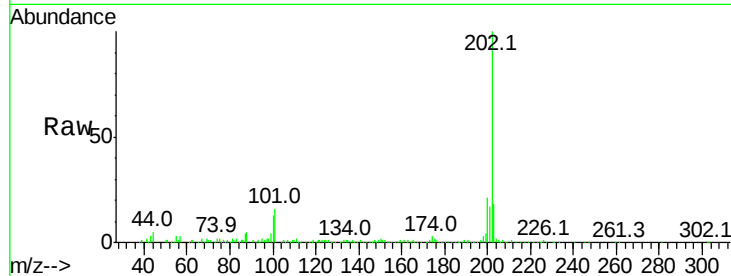
ClientSampleId :

TP-2-COMP

Tot Ion:	202	Resp:	145944
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	18.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 48.071 ng

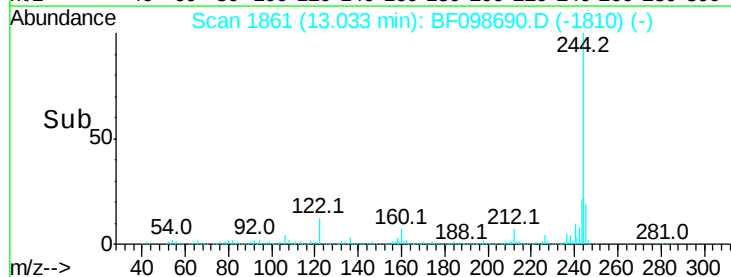
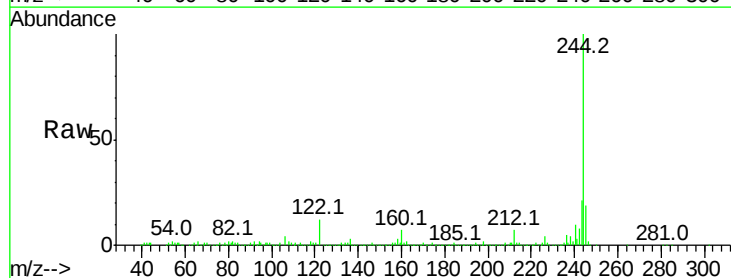
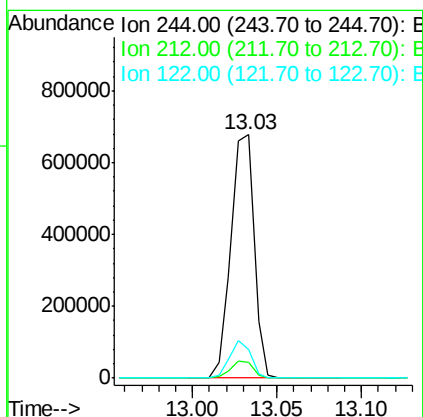
RT: 13.03 min Scan# 1861

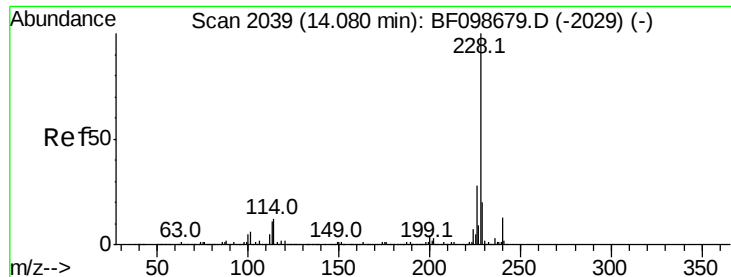
Delta R.T. -0.00 min

Lab File: BF098690.D

Acq: 22 Sep 2017 10:43

Tgt Ion:	244	Resp:	648394
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	11.8	11.0	16.4





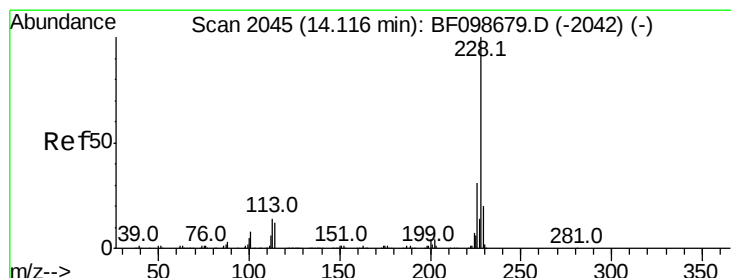
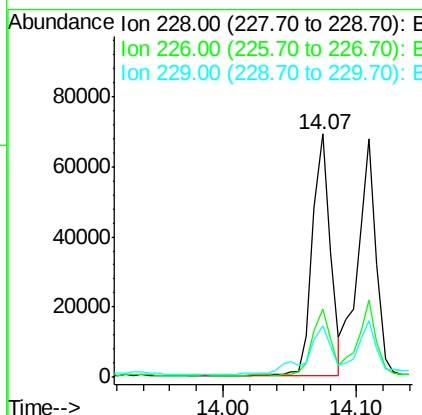
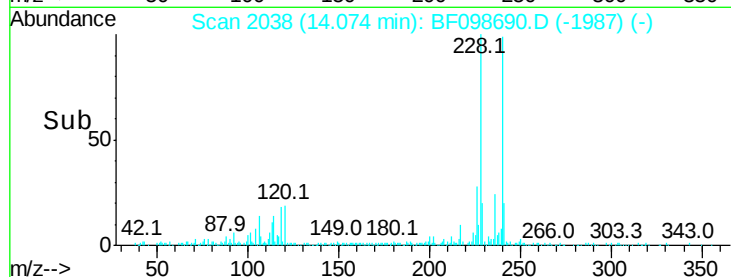
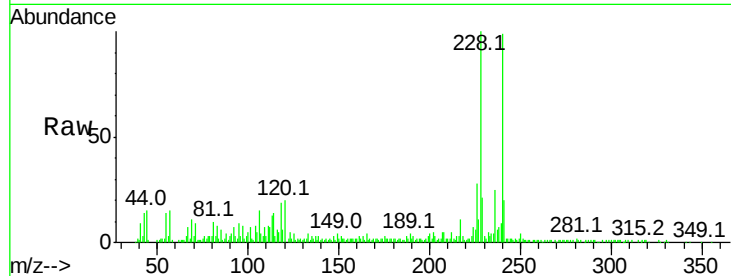
#80
Benzo(a)anthracene
Concen: 3.648 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098690.D
Acq: 22 Sep 2017 10:43

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	21.4	15.8	23.6

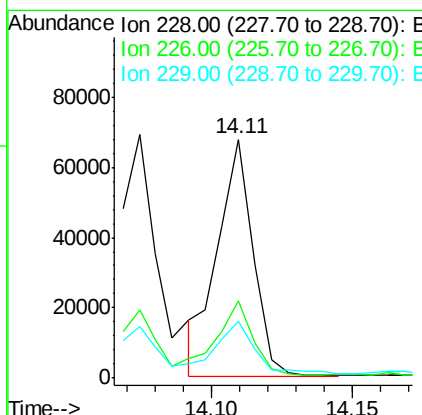
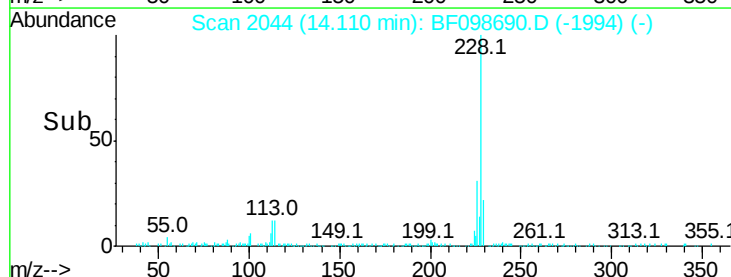
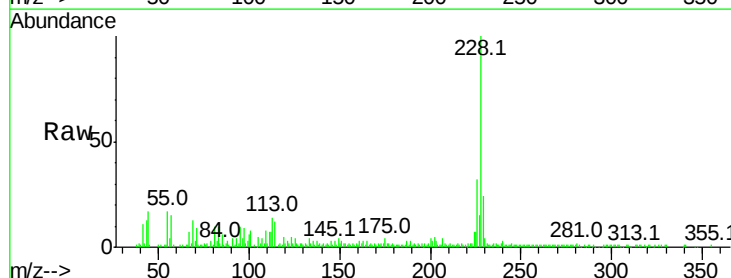
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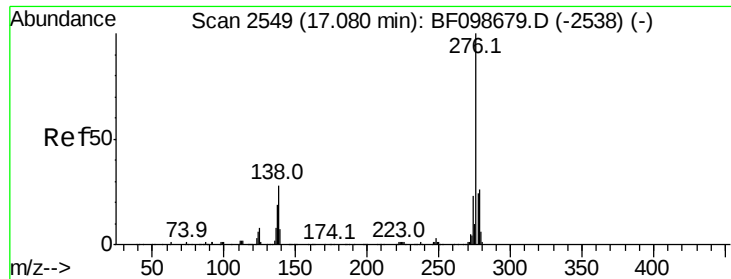
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#82
Chrysene
Concen: 3.505 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF098690.D
Acq: 22 Sep 2017 10:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.0	37.6
229	23.8	16.2	24.4





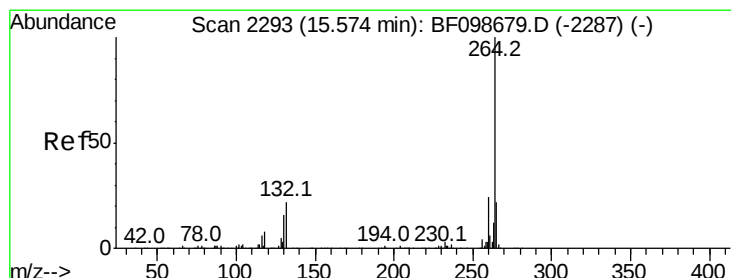
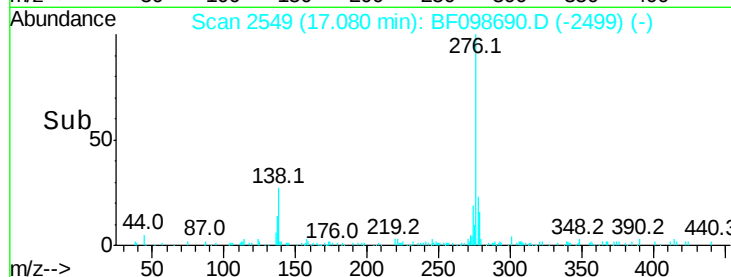
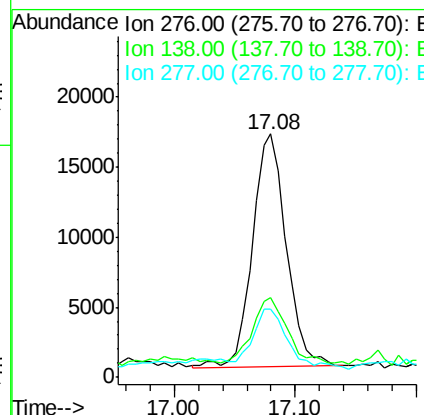
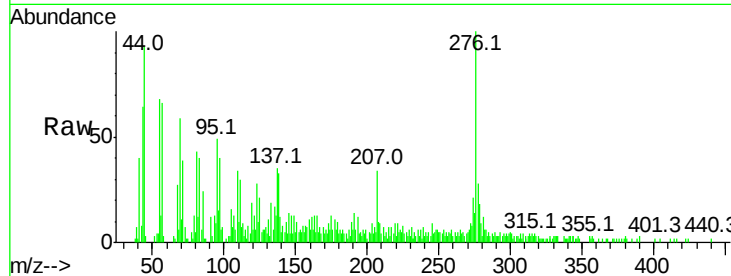
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.487 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BF098690.D
Acq: 22 Sep 2017 10:43

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	25.0	37.6
277	27.4	20.1	30.1

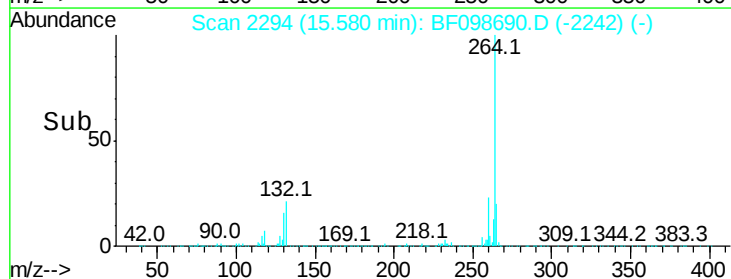
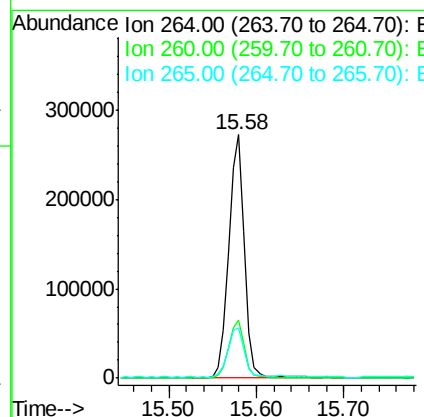
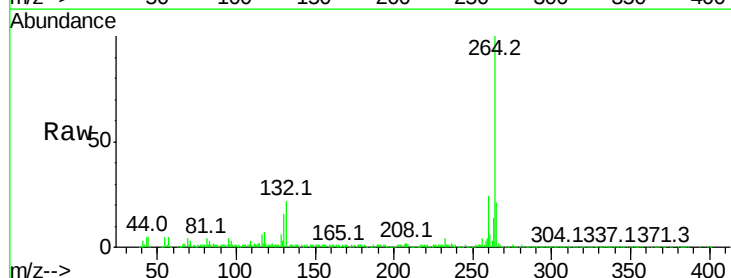
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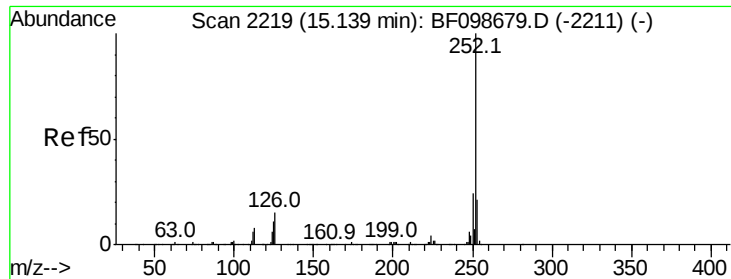
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098690.D
Acq: 22 Sep 2017 10:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	17.5	26.3





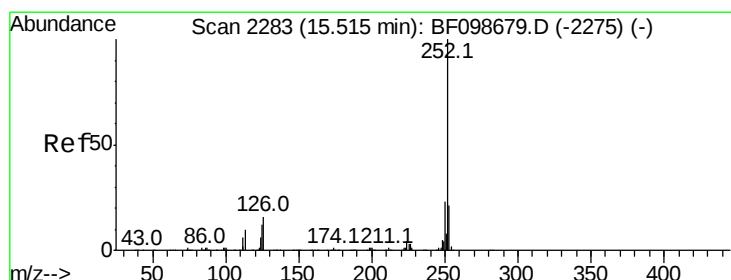
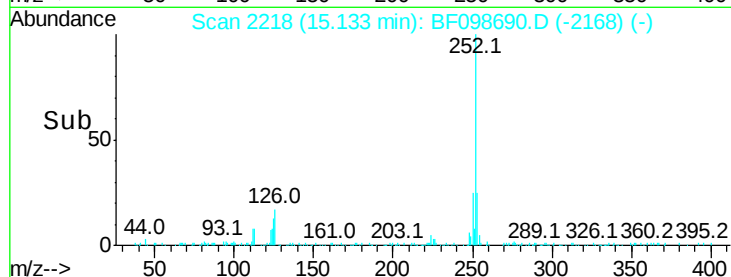
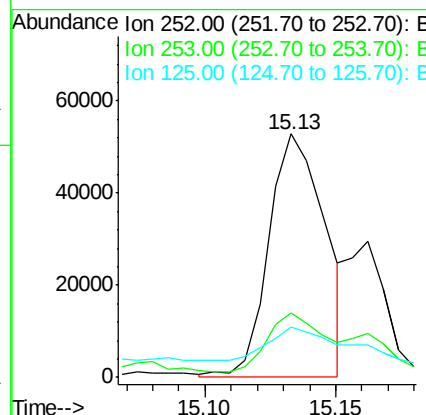
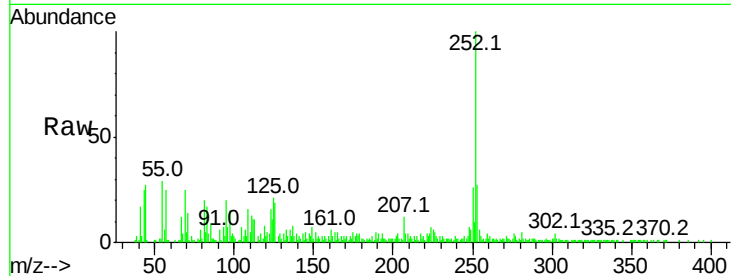
#87
Benzo(b)fluoranthene
Concen: 4.064 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098690.D
Acq: 22 Sep 2017 10:43

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.0	25.6#
125	20.7	9.0	13.6#

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#89
Benzo(a)pyrene
Concen: 3.150 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF098690.D
Acq: 22 Sep 2017 10:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	21.6	9.8	14.6#

