

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100172.D
 Acq On : 4 Nov 2017 12:28
 Operator : SJ/JU
 Sample : I6079-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q1-COMP

Manual Integrations
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 11/6/2017 2:26:01 PM

Quant Time: Nov 06 00:49:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	86294	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	361716	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	171487	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	314566	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	194155	20.00	ng	-0.01
86) Perylene-d12	15.40	264	160387	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	550357	100.13	ng	0.00
7) Phenol-d6	6.42	99	664114	101.90	ng	0.00
23) Nitrobenzene-d5	7.33	82	378742	67.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	157655	100.88	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	796843	71.69	ng	-0.01
78) Terphenyl-d14	12.87	244	691461	77.83	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	45634	6.377	ng	94
49) Dimethylphthalate	9.52	163	263982	19.439	ng	100
70) Phenanthrene	11.32	178	117894	6.641	ng	98
74) Fluoranthene	12.51	202	177850	9.640	ng	96
77) Pyrene	12.74	202	153433	10.393	ng	99
80) Benzo(a)anthracene	13.93	228	57386	4.662	ng	97
82) Chrysene	13.97	228	60727	5.248	ng	99
85) Indeno(1,2,3-cd)pyrene	16.88	276	30794	2.899	ng	# 92
87) Benzo(b)fluoranthene	14.98	252	59556m	5.881	ng	
88) Benzo(k)fluoranthene	15.01	252	24159m	2.530	ng	
89) Benzo(a)pyrene	15.34	252	46809	5.145	ng	# 95
91) Benzo(a,h,i)perylene	17.33	276	29562	3.738	ng	# 91

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

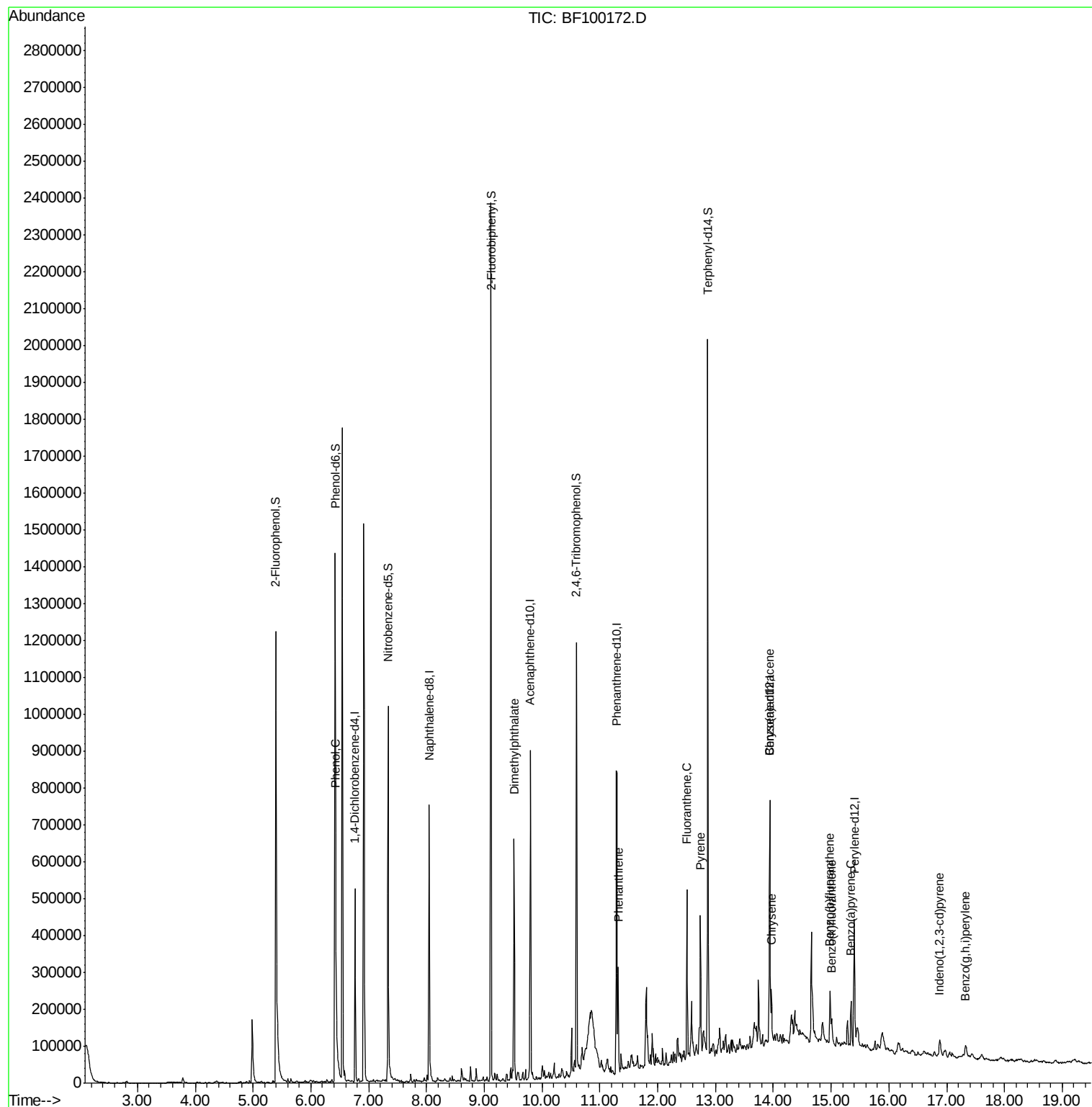
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100172.D
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ALS Vial : 3 Sample Multiplier: 1

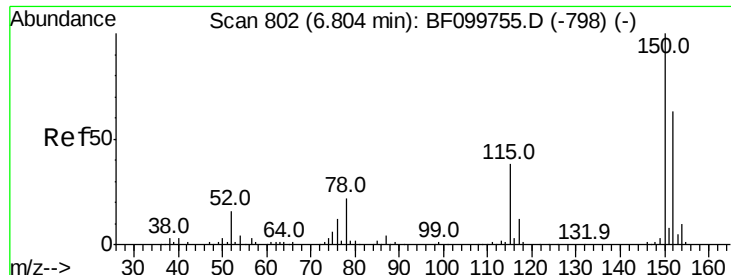
Instrument :
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Q1-COMP

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Quant Time: Nov 06 00:49:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
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#1

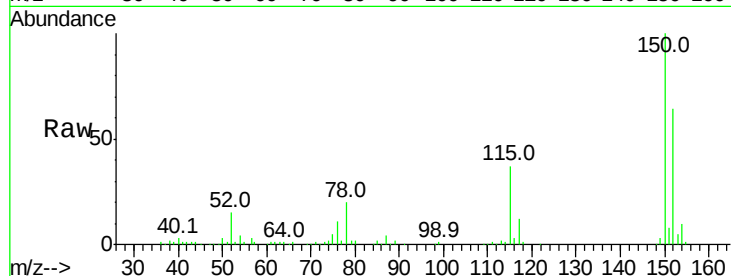
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100172.D
Acq: 4 Nov 2017 12:28

Instrument :
BNA_F
ClientSampleId :
Q1-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	57.4	50.1	75.1

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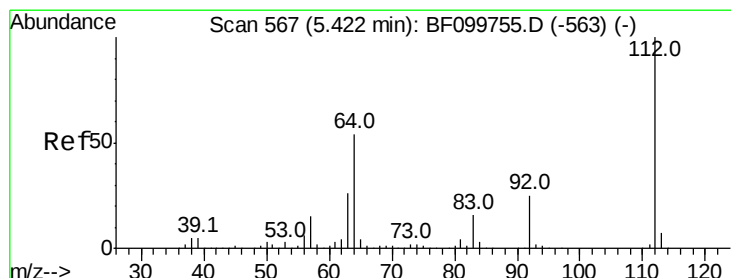
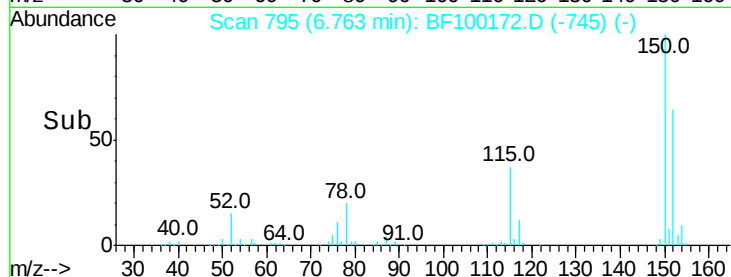
Abundance

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

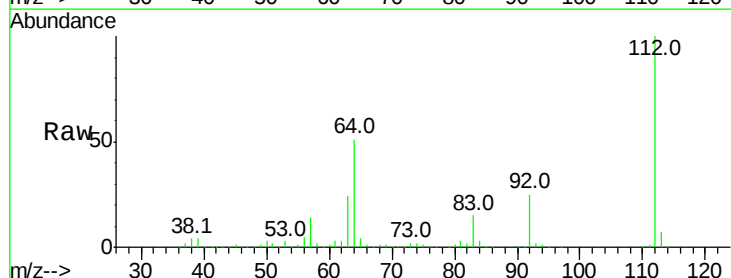
Time-->



#5

2-Fluorophenol
Concen: 100.128 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF100172.D
Acq: 4 Nov 2017 12:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.1	47.9	71.9
63	24.3	23.7	35.5



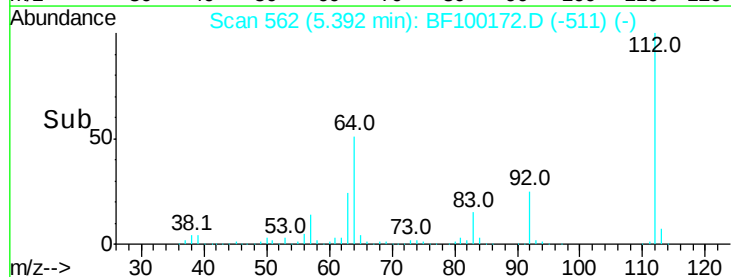
Abundance

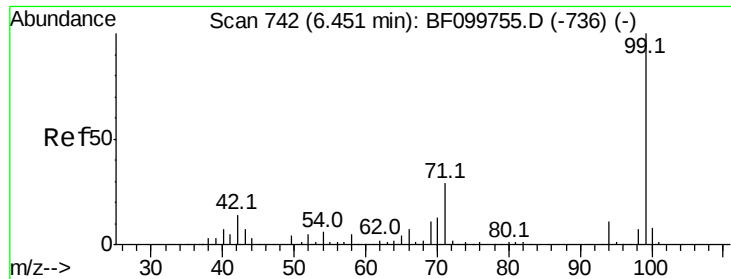
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 101.899 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100172.D

Acq: 4 Nov 2017 12:28

Instrument :

BNA_F

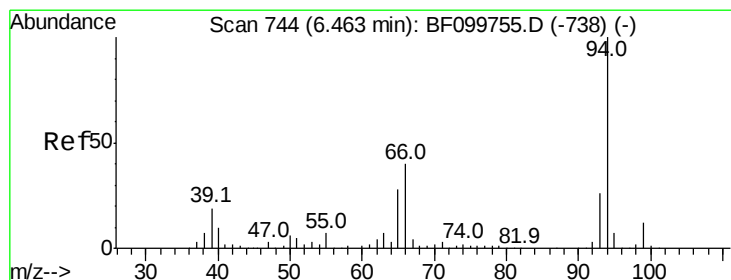
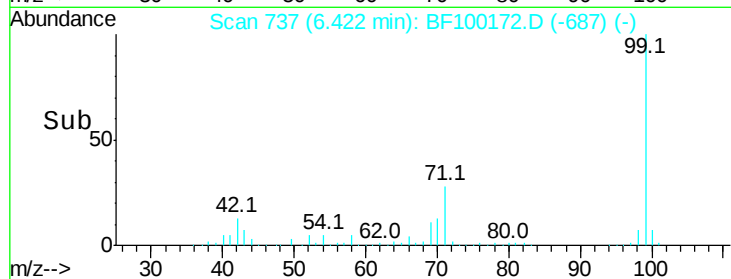
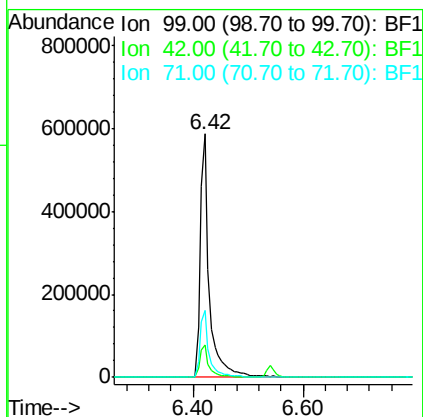
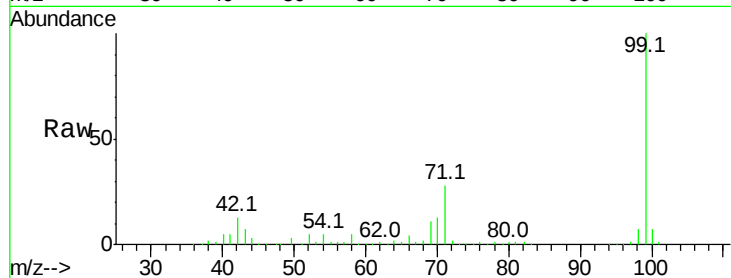
ClientSampleId :

Q1-COMP

Tot Ion:	99	Resp:	664114
Ion Ratio	Lower	Upper	
99	100		
42	13.3	14.5	21.7#
71	27.6	25.4	38.0

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#10

Phenol

Concen: 6.377 ng

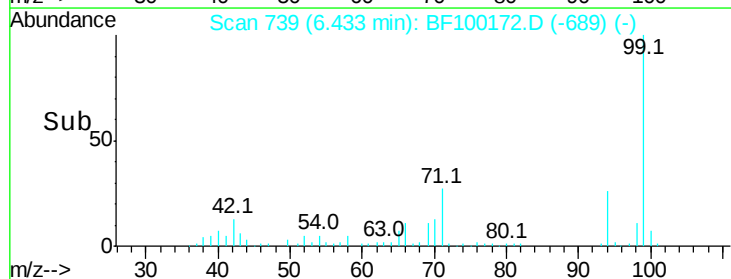
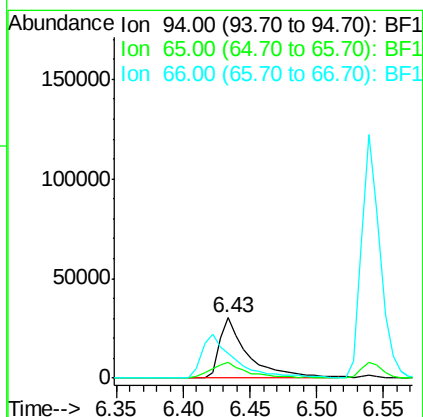
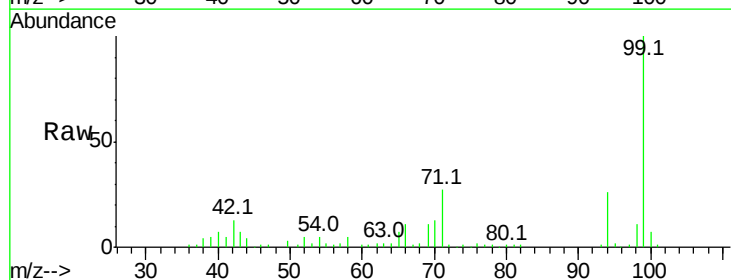
RT: 6.43 min Scan# 739

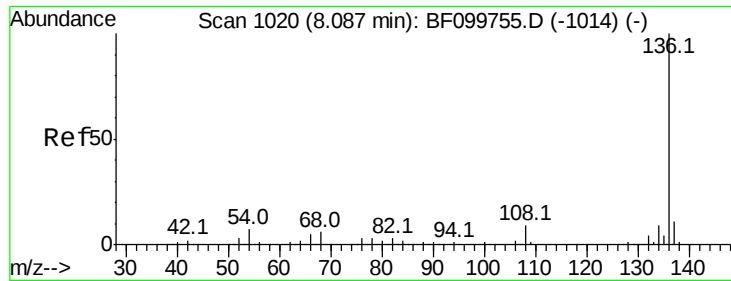
Delta R.T. -0.01 min

Lab File: BF100172.D

Acq: 4 Nov 2017 12:28

Tgt Ion:	94	Resp:	45634
Ion Ratio	Lower	Upper	
94	100		
65	26.8	7.9	47.9
66	41.6	16.2	56.2





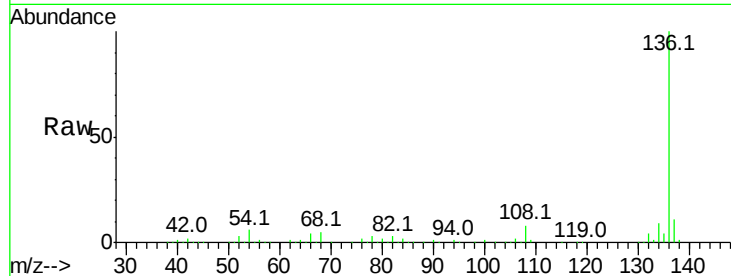
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100172.D
Acq: 4 Nov 2017 12:28

Instrument :
BNA_F
ClientSampleId :
Q1-COMP

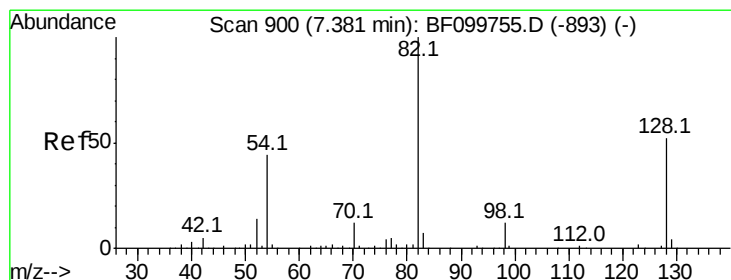
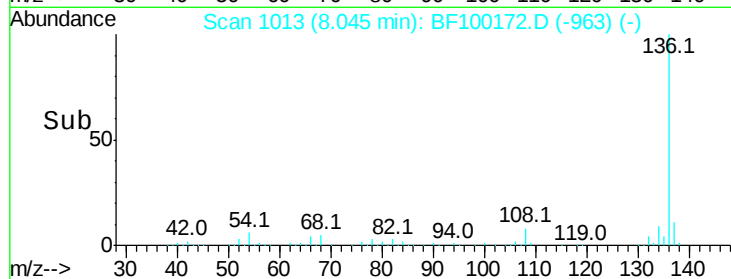
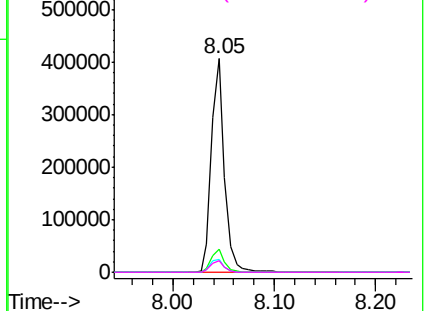
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.2	6.6	9.8
68	5.3	5.0	7.4

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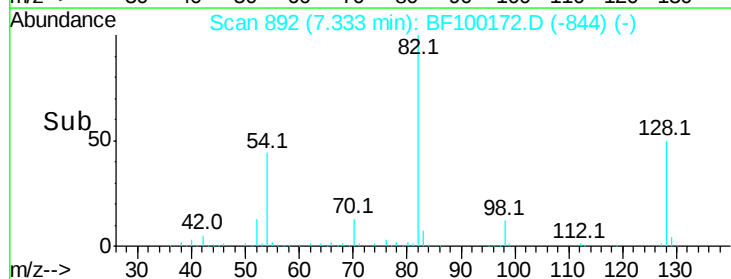
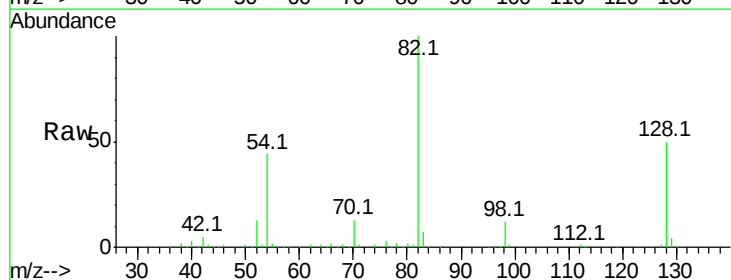
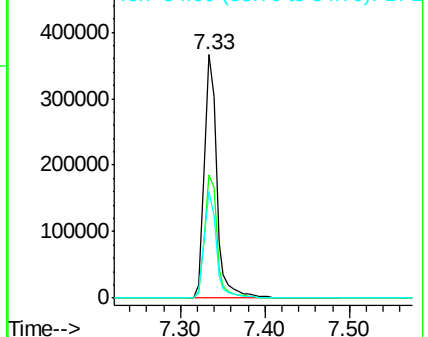
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

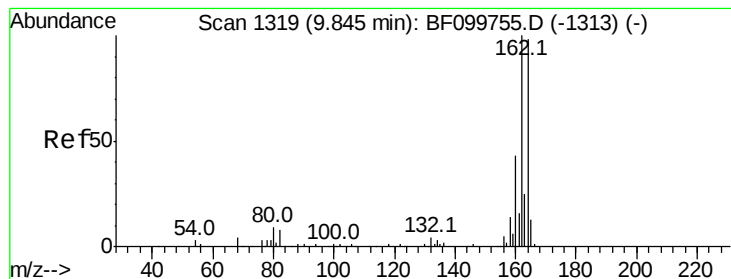


#23
Nitrobenzene-d5
Concen: 67.411 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF100172.D
Acq: 4 Nov 2017 12:28

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	50.4	36.1	54.1
54	43.9	41.4	62.2

Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF100172.D

Acq: 4 Nov 2017 12:28

Instrument :

BNA_F

ClientSampled :

Q1-COMP

Tot Ion:164 Resp: 171487

Ion Ratio Lower Upper

164 100

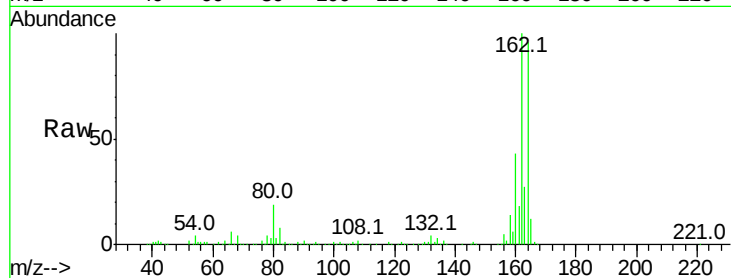
162 103.7 86.1 129.1

160 44.9 38.3 57.5

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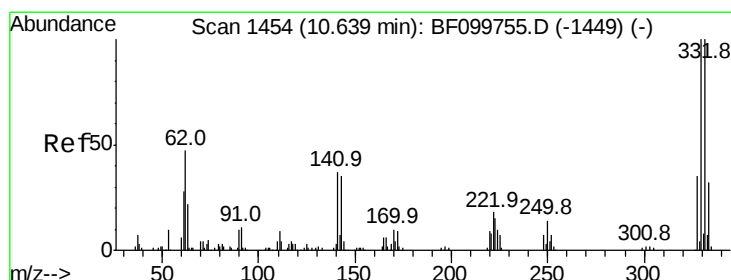
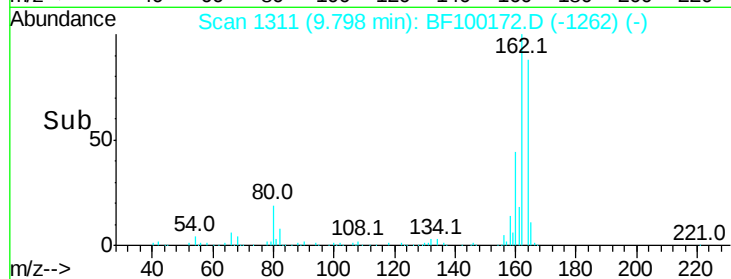
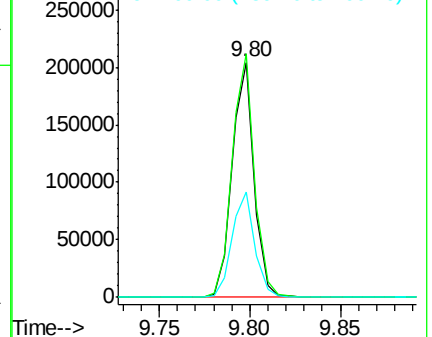
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 100.881 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF100172.D

Acq: 4 Nov 2017 12:28

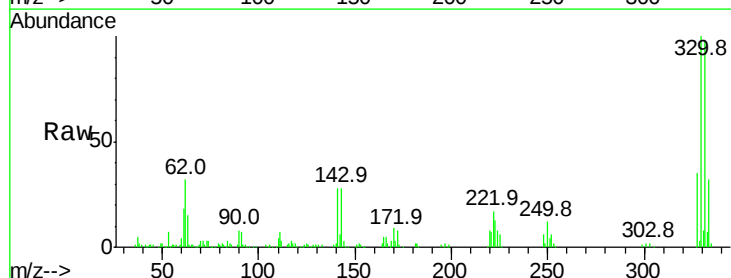
Tgt Ion:330 Resp: 157655

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

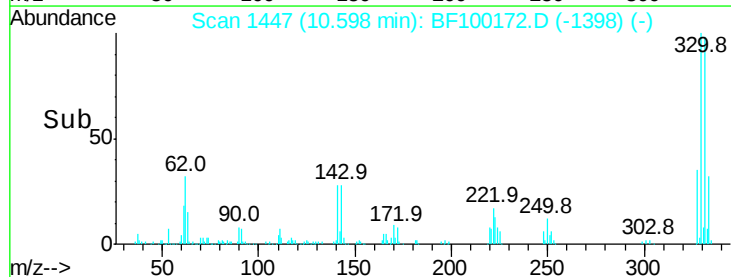
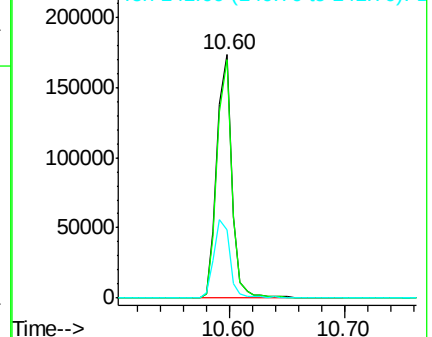
141 35.6 29.9 44.9

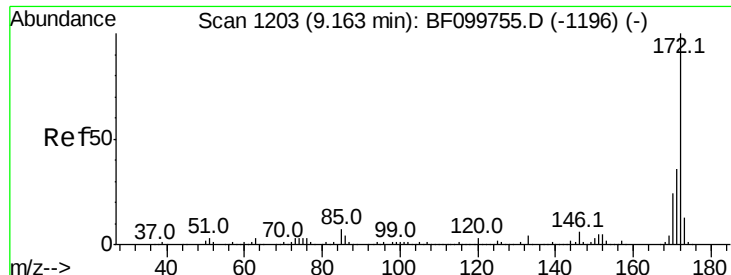


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





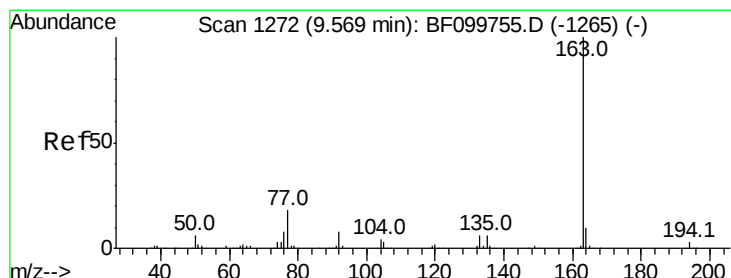
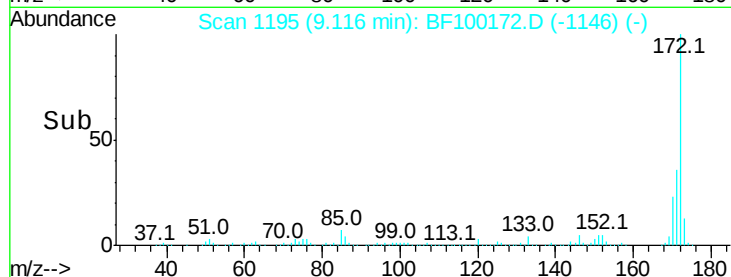
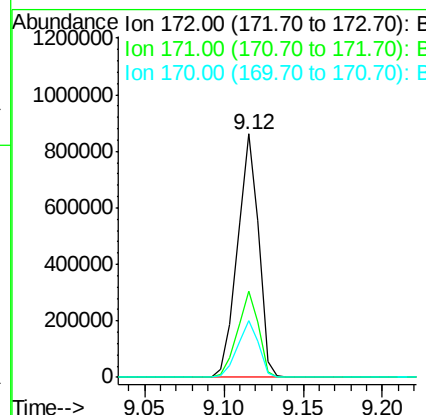
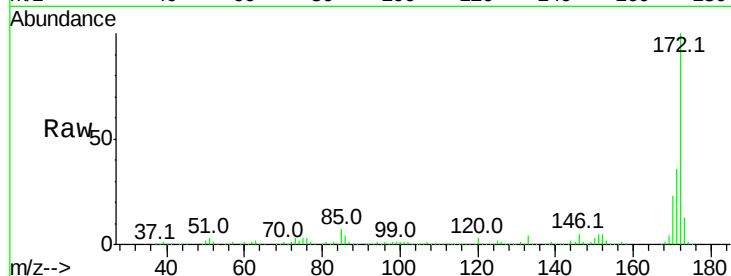
#44
2-Fluorobiphenyl
Concen: 71.691 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100172.D
Acq: 4 Nov 2017 12:28

Instrument :
BNA_F
ClientSampleId :
Q1-COMP

Tot Ion	Ratio	Resp	Lower	Upper
172	100	796843		
171	35.6		29.7	44.5
170	23.5		19.6	29.4

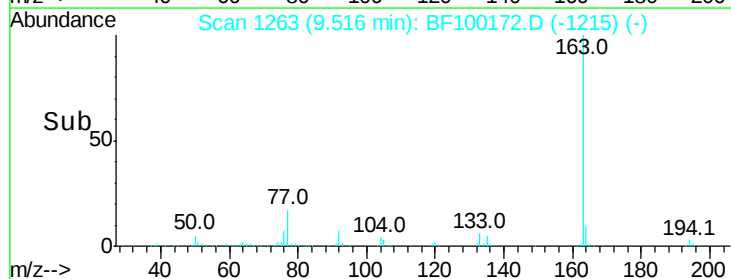
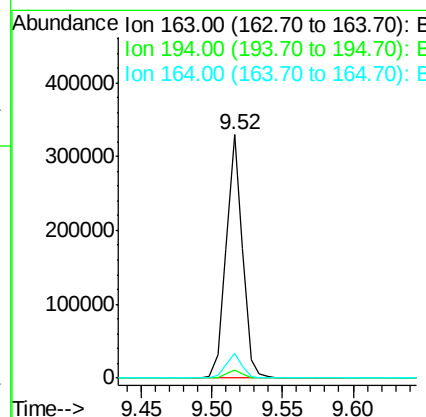
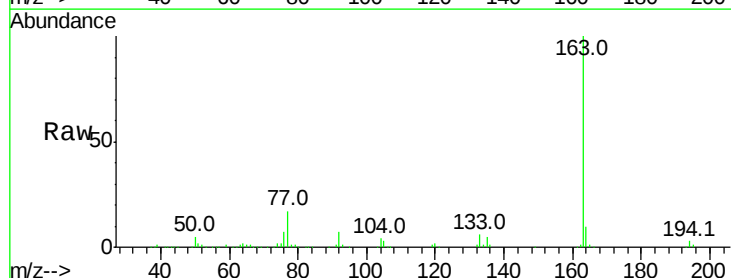
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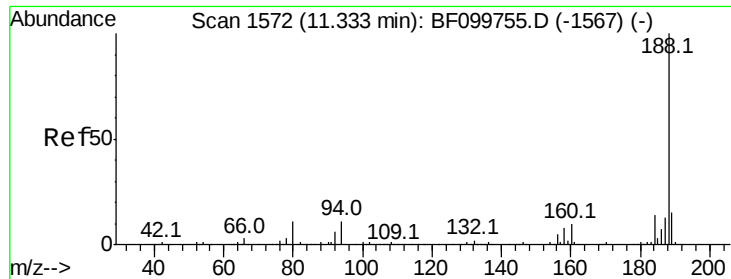
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#49
Dimethylphthalate
Concen: 19.439 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100172.D
Acq: 4 Nov 2017 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	263982		
194	3.5		2.7	4.1
164	10.2		8.2	12.2





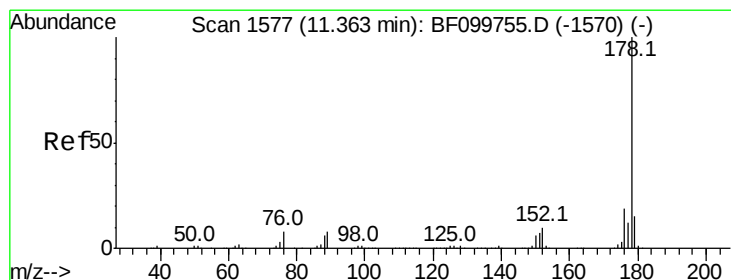
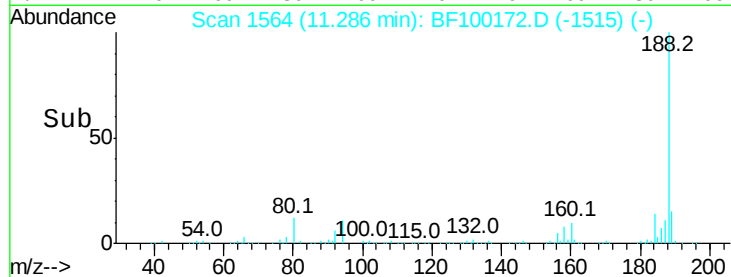
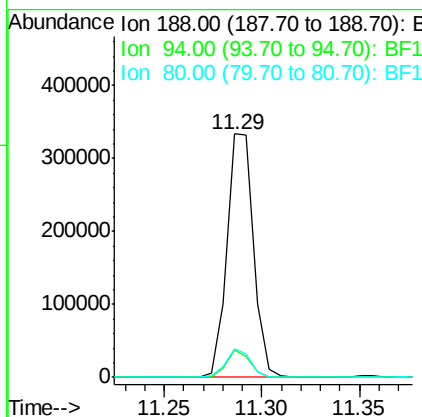
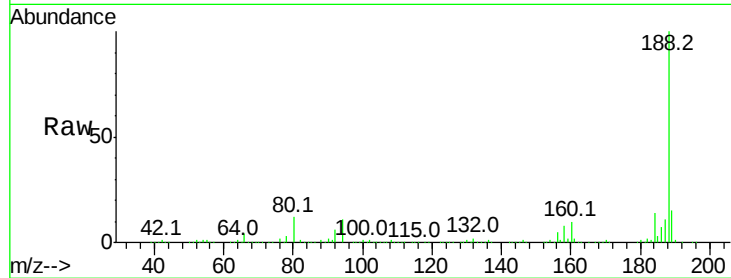
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100172.D
Acq: 4 Nov 2017 12:28

Instrument :
BNA_F
ClientSampleId :
Q1-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	314566		
94	11.1		8.5	12.7
80	12.0		9.2	13.8

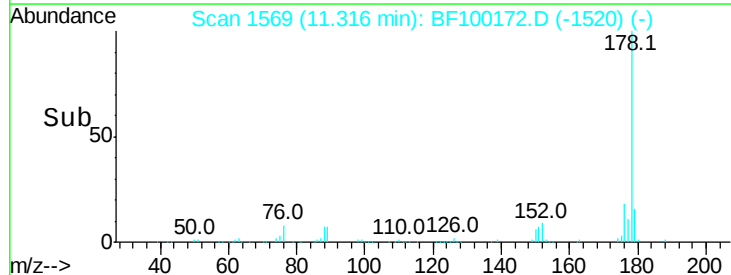
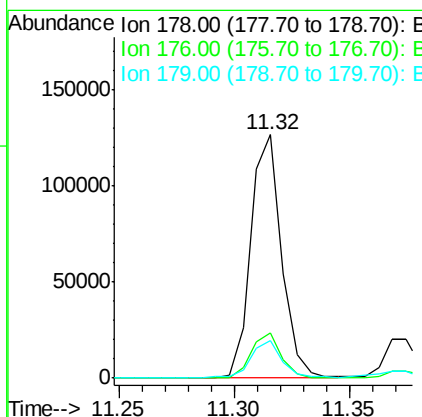
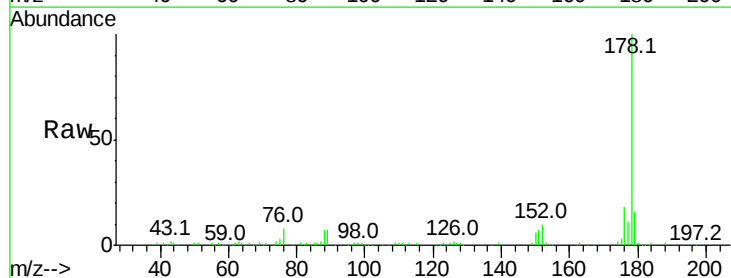
Manual Integrations
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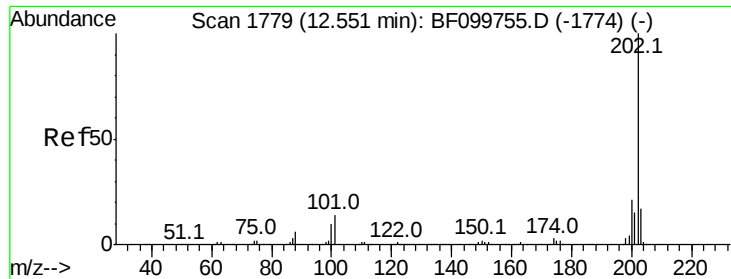
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#70
Phenanthrene
Concen: 6.641 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF100172.D
Acq: 4 Nov 2017 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	117894		
176	18.5		15.8	23.8
179	15.6		13.0	19.6





#74

Fluoranthene

Concen: 9.640 ng

RT: 12.51 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF100172.D

Acq: 4 Nov 2017 12:28

Instrument :

BNA_F

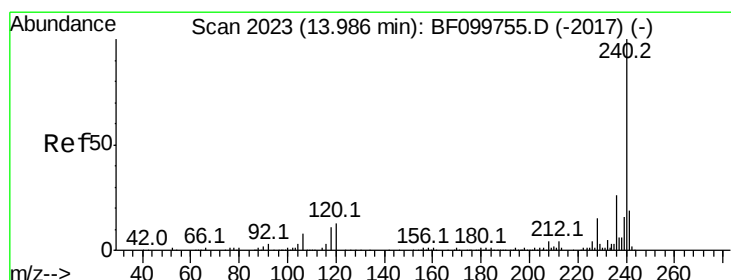
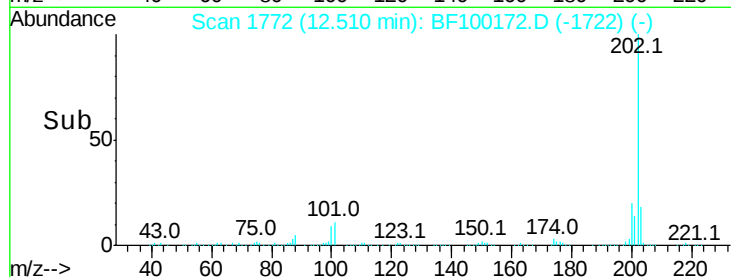
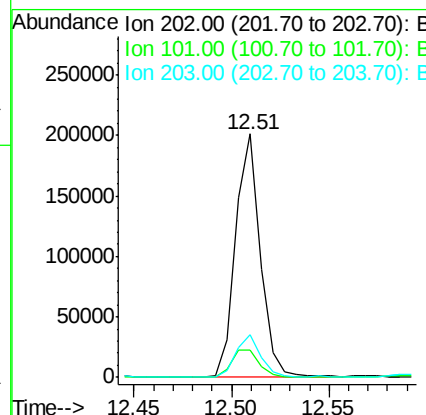
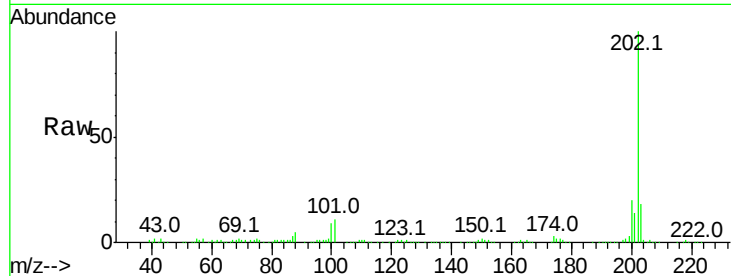
ClientSampled :

Q1-COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100	177850		
101	11.5	0.0	34.1	
203	17.5	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

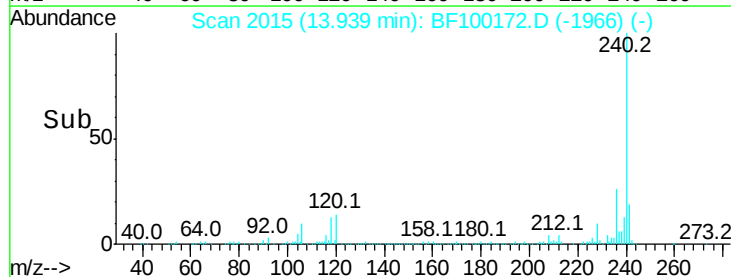
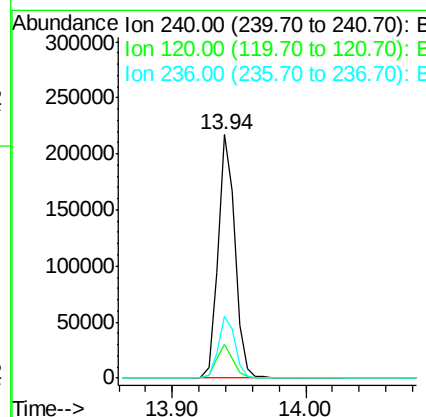
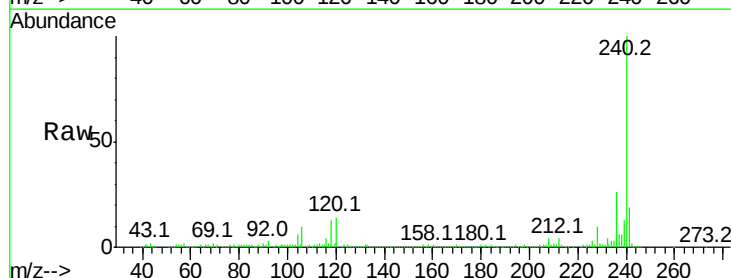
RT: 13.94 min Scan# 2015

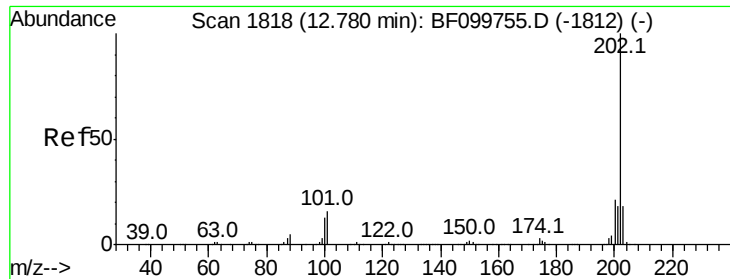
Delta R.T. -0.01 min

Lab File: BF100172.D

Acq: 4 Nov 2017 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	194155		
120	14.0	9.5	14.3	
236	25.5	20.7	31.1	





#77

Pvrene

Concen: 10.393 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF100172.D

Acq: 4 Nov 2017 12:28

Instrument :

BNA_F

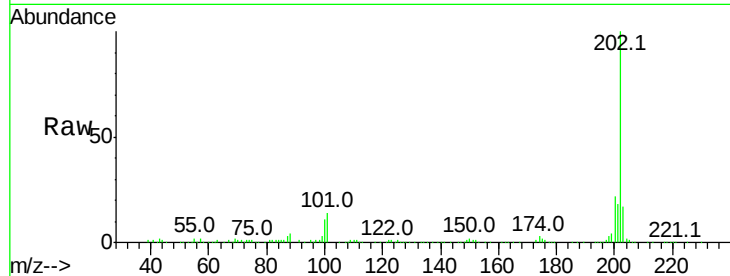
ClientSampleId :

Q1-COMP

Tot Ion:	202	Resp:	153433
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	17.4	14.3	21.5

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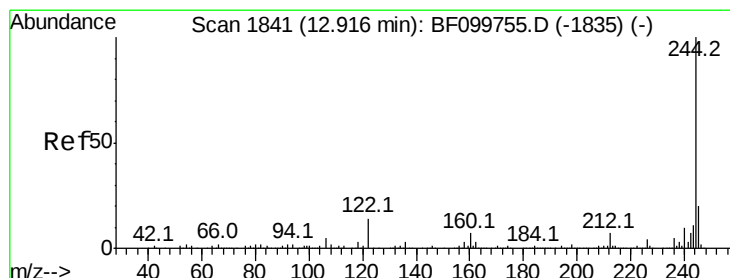
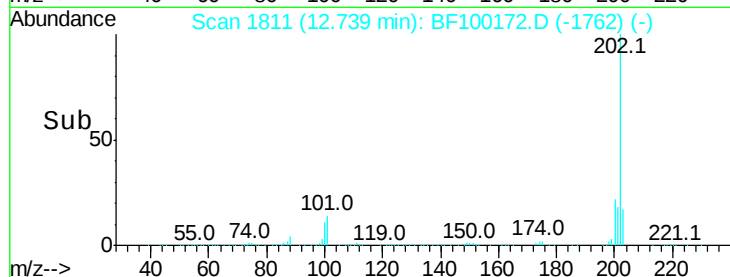
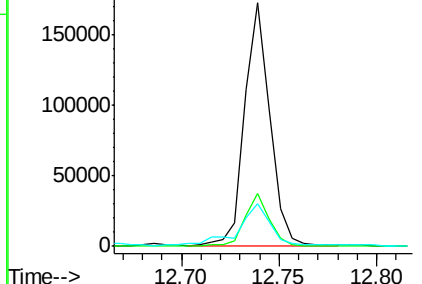
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11/6/2017 2:26:01 PM



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



#78

Terphenyl-d14

Concen: 77.830 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100172.D

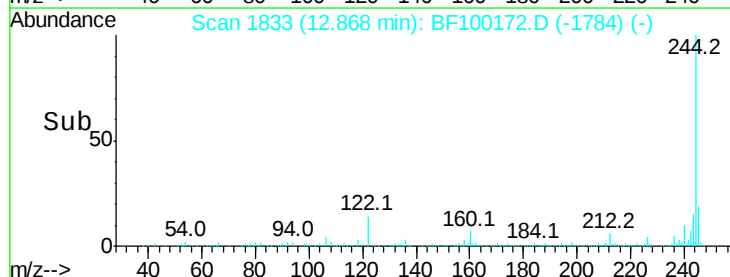
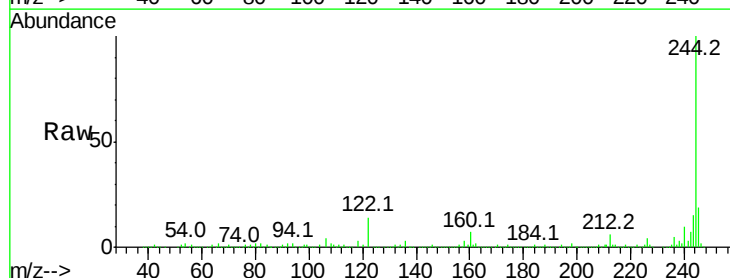
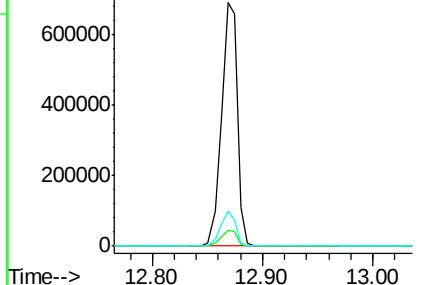
Acq: 4 Nov 2017 12:28

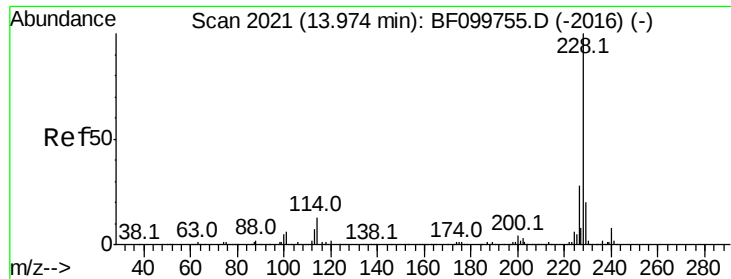
Tgt Ion:	244	Resp:	691461
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	14.2	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





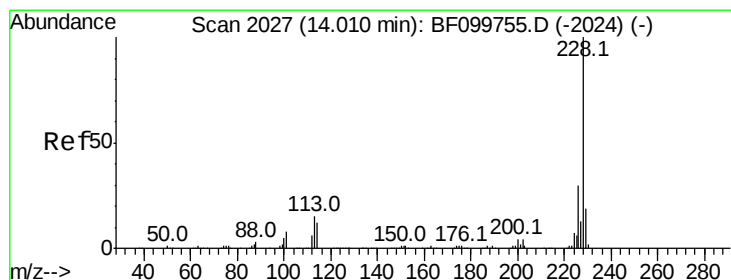
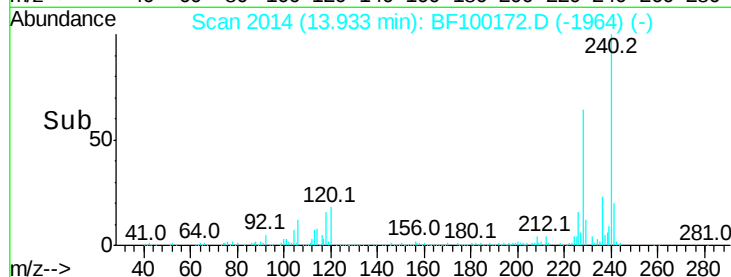
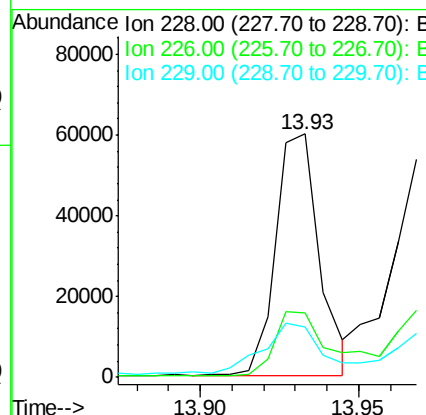
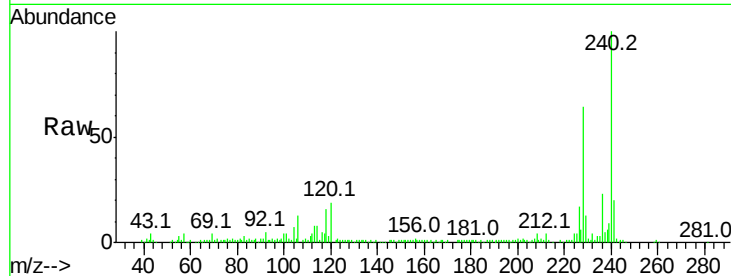
#80
Benzo(a)anthracene
Concen: 4.662 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF100172.D
Acq: 4 Nov 2017 12:28

Instrument :
BNA_F
ClientSampleId :
Q1-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	20.8	15.8	23.6

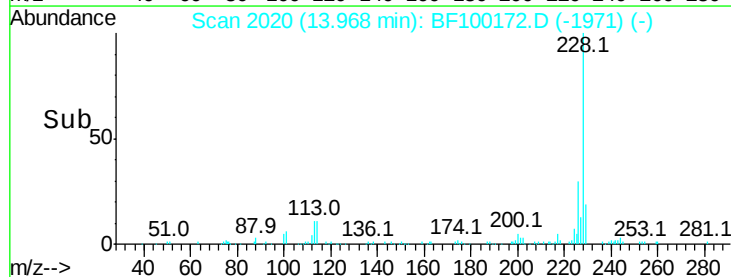
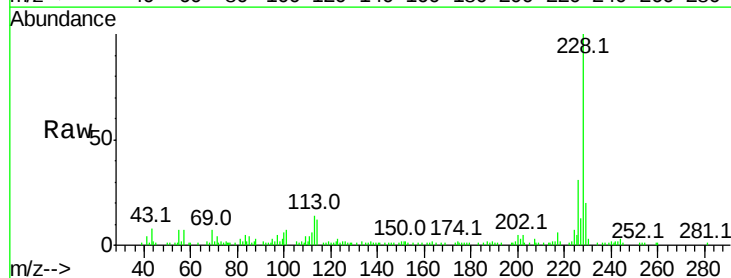
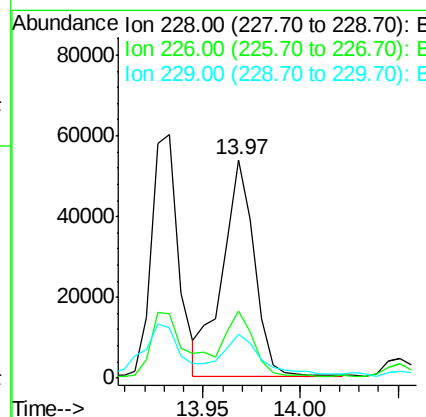
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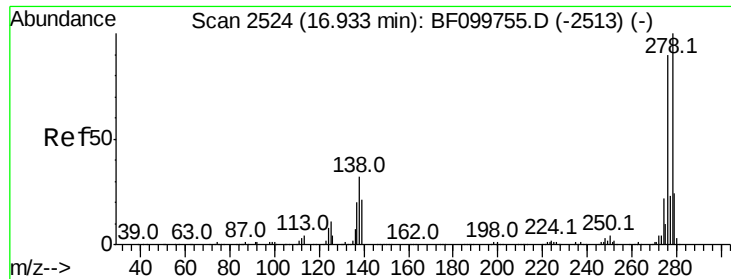
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#82
Chrysene
Concen: 5.248 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF100172.D
Acq: 4 Nov 2017 12:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.2	16.2	24.4





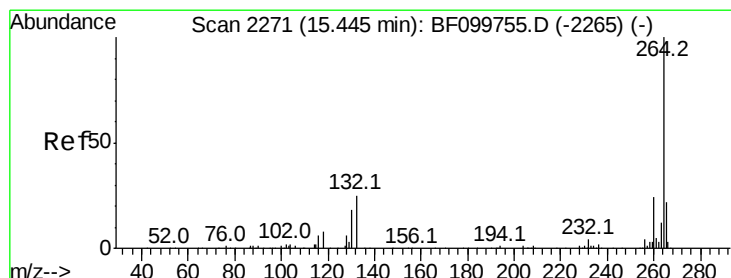
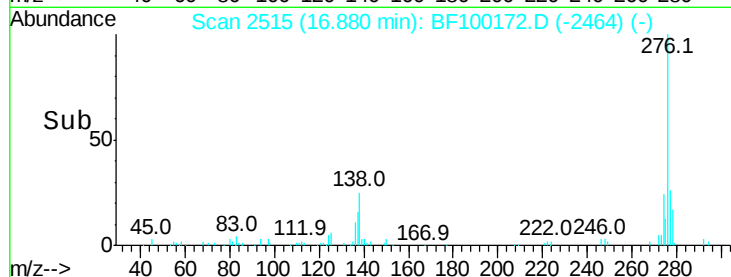
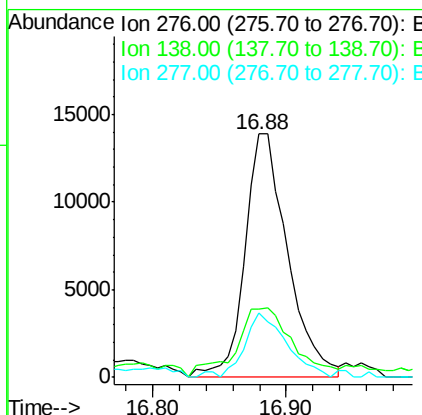
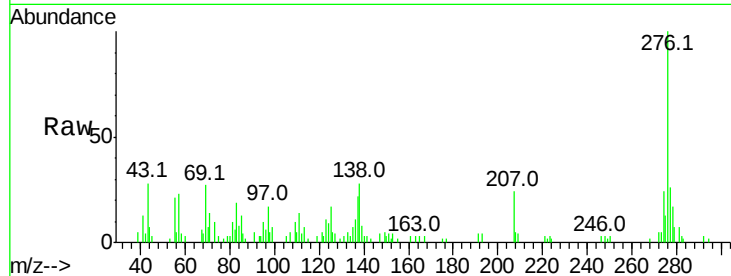
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.899 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.00 min
Lab File: BF100172.D
Acq: 4 Nov 2017 12:28

Instrument :
BNA_F
ClientSampleId :
Q1-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	38.2	25.0	37.6#
277	26.2	20.1	30.1

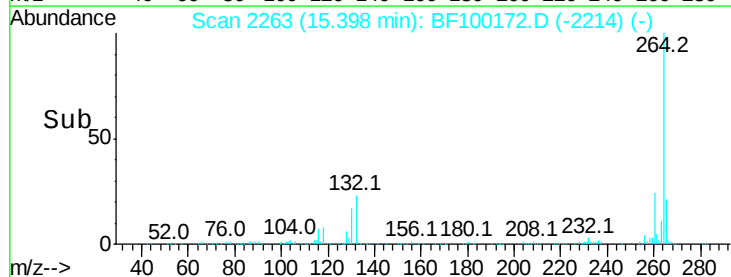
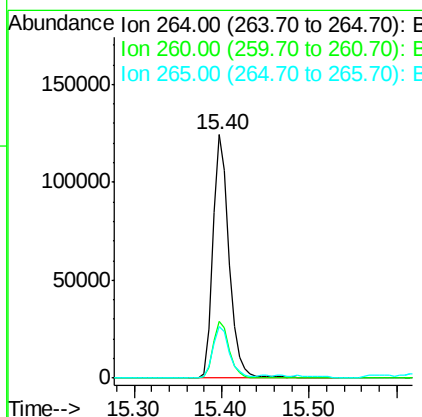
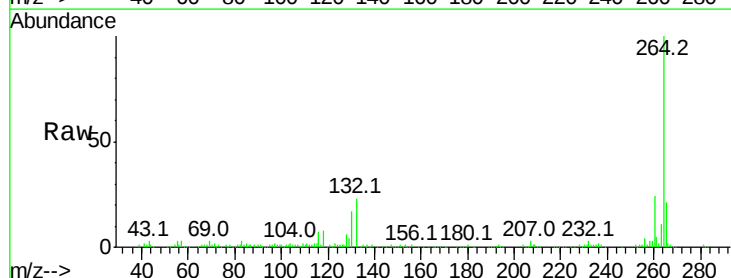
Manual Integrations
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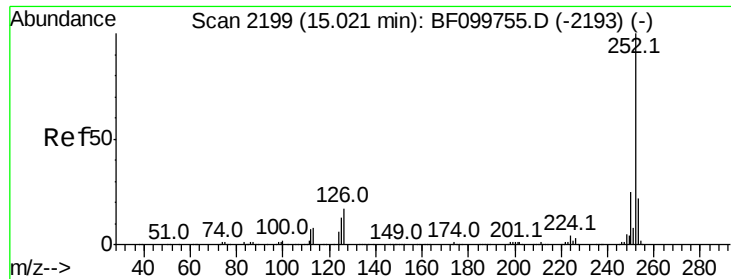
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF100172.D
Acq: 4 Nov 2017 12:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 5.881 ng m

RT: 14.98 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BF100172.D

Acq: 4 Nov 2017 12:28

Instrument :

BNA_F

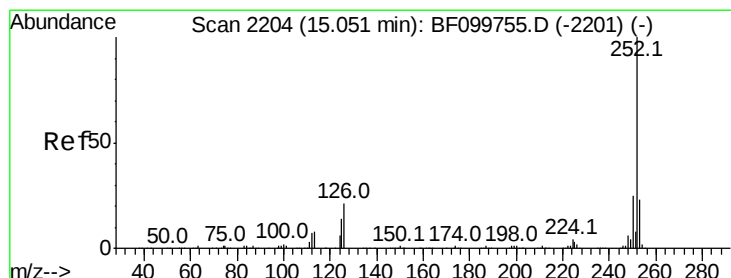
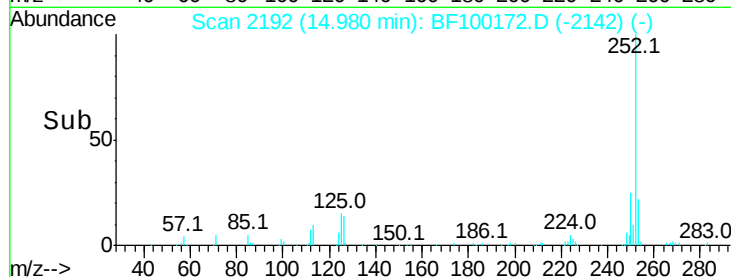
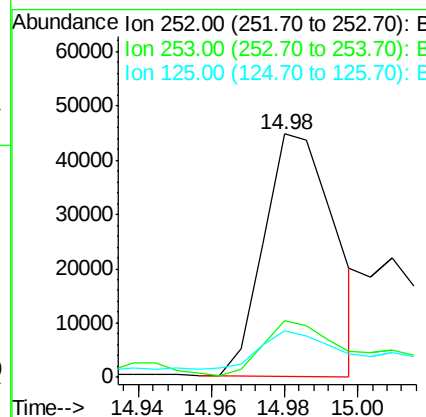
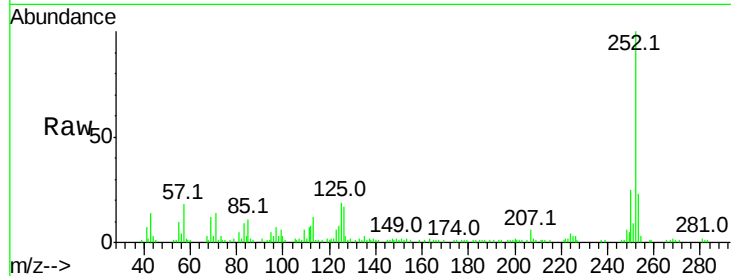
ClientSampleId :

Q1-COMP

Tot Ion:	252	Resp:	59556
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.0	25.6
125	19.0	9.0	13.6#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 2.530 ng m

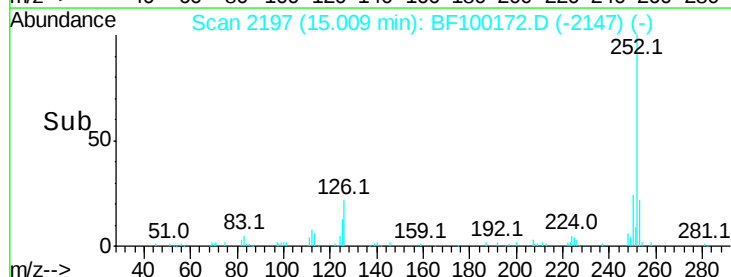
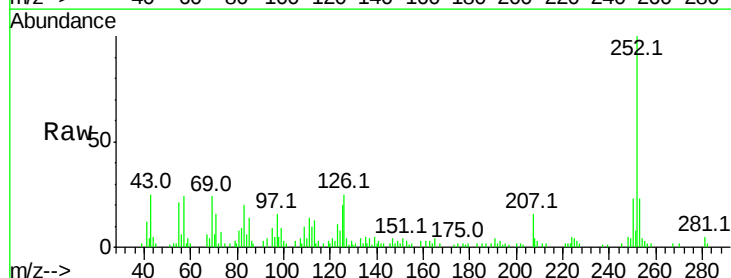
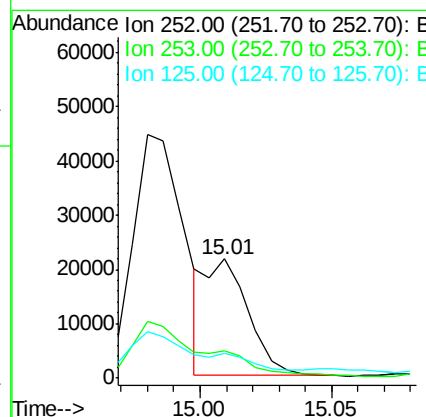
RT: 15.01 min Scan# 2197

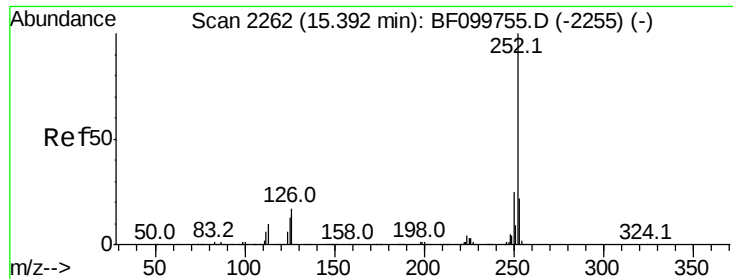
Delta R.T. -0.01 min

Lab File: BF100172.D

Acq: 4 Nov 2017 12:28

Tgt Ion:	252	Resp:	24159
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.9	26.9
125	20.3	10.2	15.2#





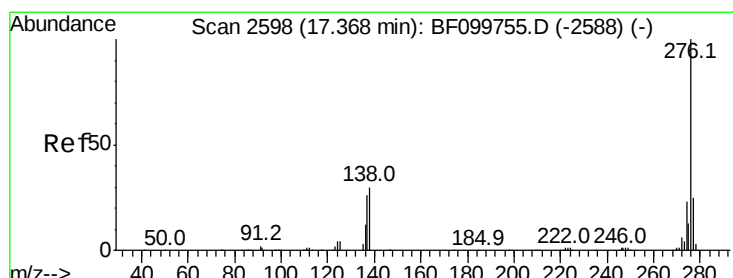
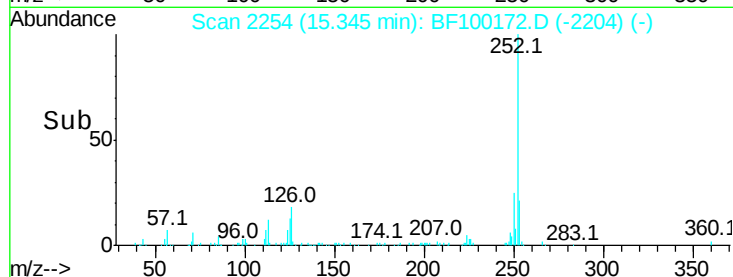
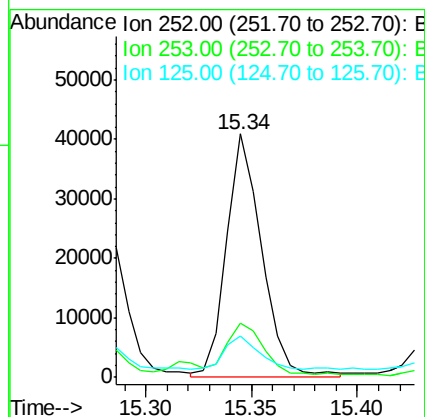
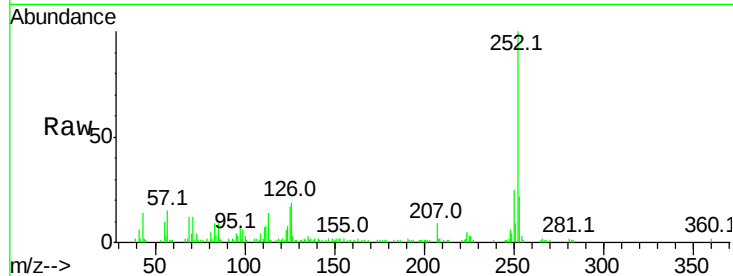
#89
Benzo(a)pyrene
Concen: 5.145 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BF100172.D
Acq: 4 Nov 2017 12:28

Instrument :
BNA_F
ClientSampleId :
Q1-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	16.9	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.738 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BF100172.D
Acq: 4 Nov 2017 12:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	33.5	21.8	32.8

