

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100334.D
 Acq On : 9 Nov 2017 11:41
 Operator : SJ/JU
 Sample : I6311-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-110617

Manual Integrations
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Quant Time: Nov 09 16:57:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	324519	40.00	ng	0.00
21) Naphthalene-d8	8.18	136	1242760	40.00	ng	0.00
38) Acenaphthene-d10	9.94	164	537174	40.00	ng	0.00
63) Phenanthrene-d10	11.42	188	860584	40.00	ng	0.00
75) Chrysene-d12	14.06	240	689274	40.00	ng	0.00
86) Perylene-d12	15.55	264	756537	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	929218	91.80	ng	0.01
7) Phenol-d6	6.52	99	1153971	92.45	ng	0.00
23) Nitrobenzene-d5	7.46	82	741206	78.86	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	218878	79.97	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1287988	73.02	ng	0.00
78) Terphenyl-d14	13.00	244	895111	59.68	ng	0.00
Target Compounds						
10) Phenol	6.53	94	28035	2.139	ng	94
49) Dimethylphthalate	9.65	163	43047	2.099	ng	99
70) Phenanthrene	11.45	178	87801	3.875	ng	98
74) Fluoranthene	12.63	202	155427	6.473	ng	98
77) Pyrene	12.86	202	153373	6.243	ng	98
80) Benzo(a)anthracene	14.05	228	81405	3.922	ng	94
82) Chrysene	14.09	228	88257	4.391	ng	97
85) Indeno(1,2,3-cd)pyrene	17.03	276	50049	3.079	ng	# 93
87) Benzo(b)fluoranthene	15.10	252	129600m	5.783	ng	
89) Benzo(a)pyrene	15.47	252	85942	4.326	ng	# 90
91) Benzo(a,h,i)perylene	17.48	276	50797	3.194	ng	# 92

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

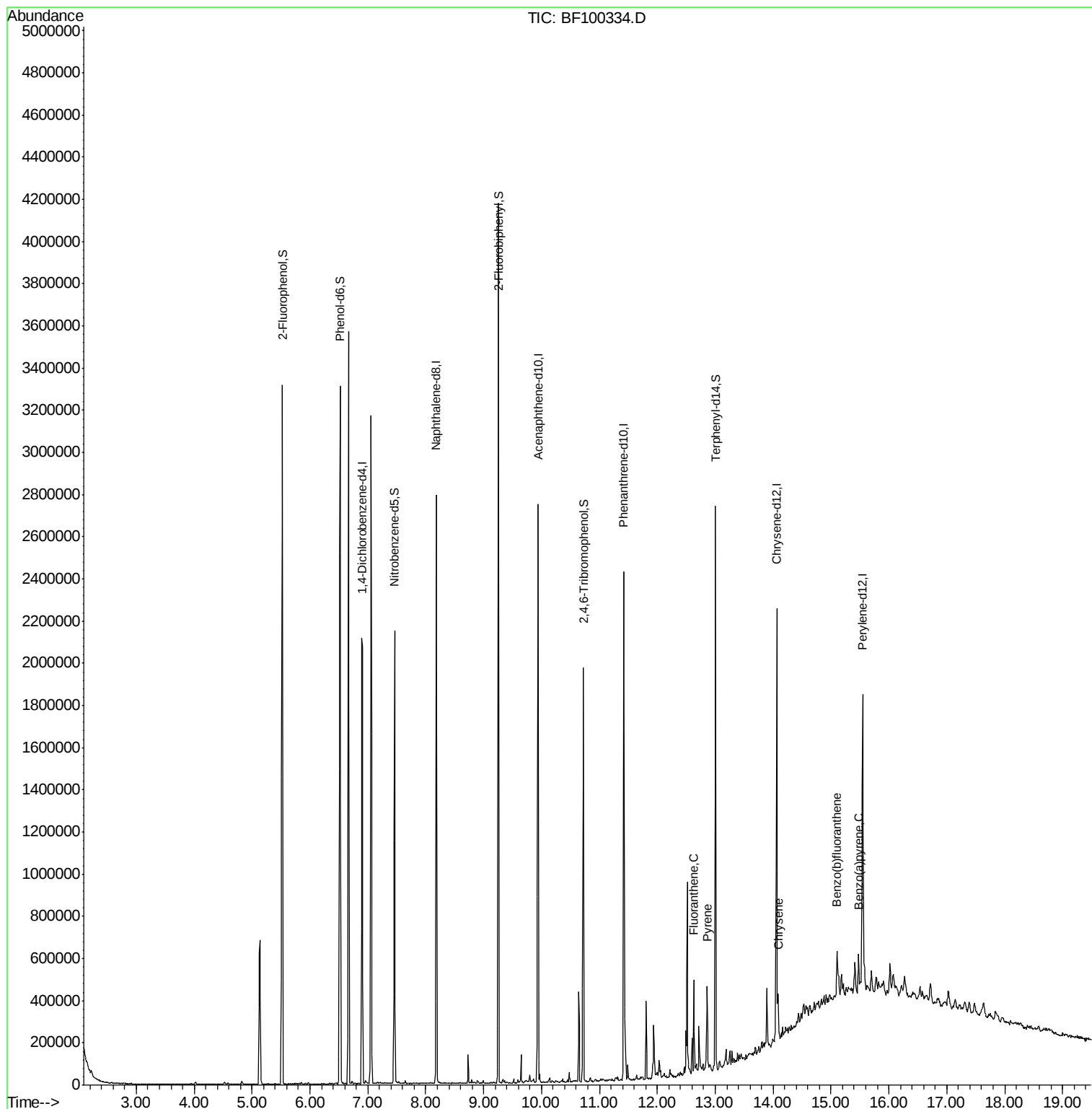
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
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ALS Vial : 4 Sample Multiplier: 2

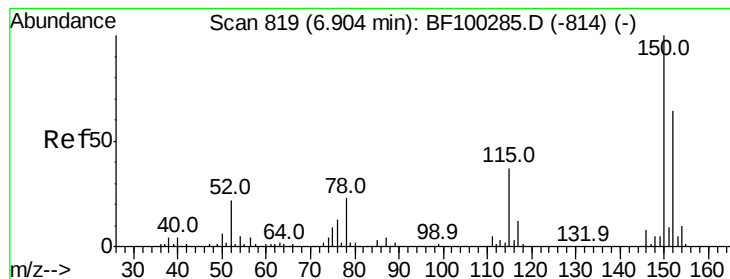
Instrument :
BNA_F
ClientSampleId :
TR-04-110617

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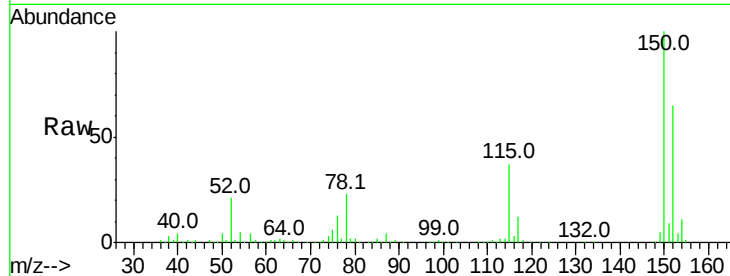
#1
 1,4-Dichlorobenzene-d4
 Concen: 40.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF100334.D
 Acq: 9 Nov 2017 11:41

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-110617

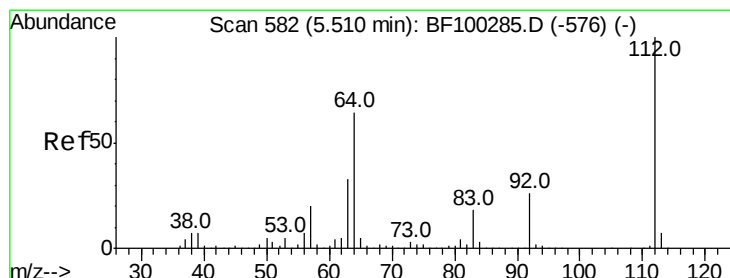
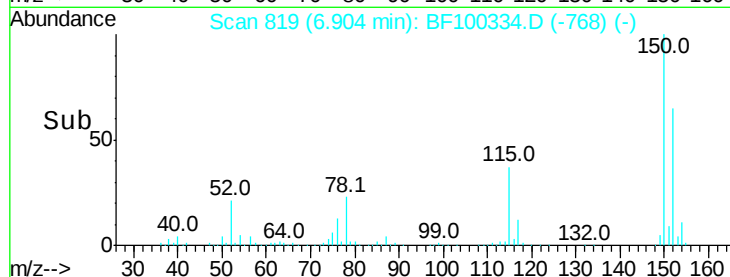
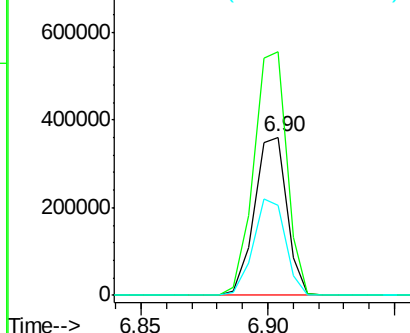
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	56.9	50.1	75.1

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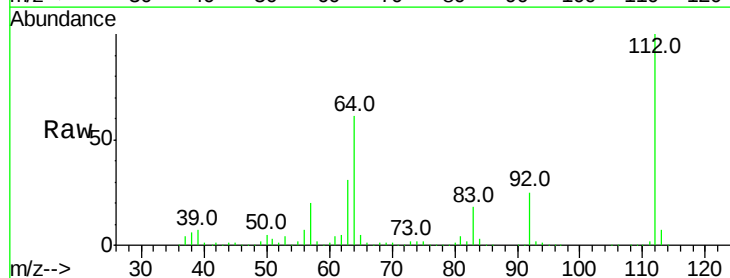


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

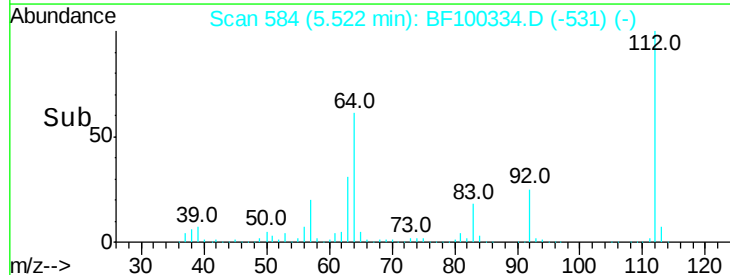
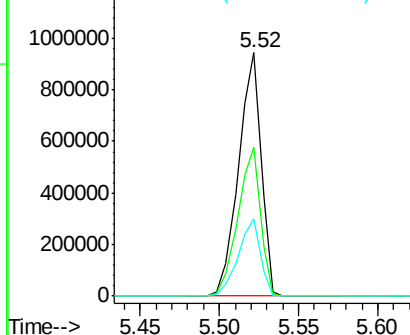


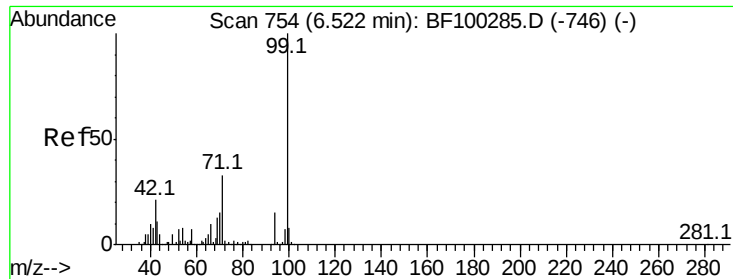
#5
 2-Fluorophenol
 Concen: 91.799 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF100334.D
 Acq: 9 Nov 2017 11:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	31.5	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





#7

Phenol-d6

Concen: 92.450 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF100334.D

Acq: 9 Nov 2017 11:41

Instrument :

BNA_F

ClientSampleId :

TR-04-110617

Tot Ion: 99 Resp: 1153971

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

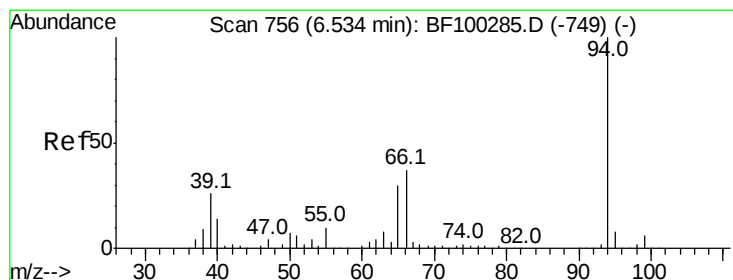
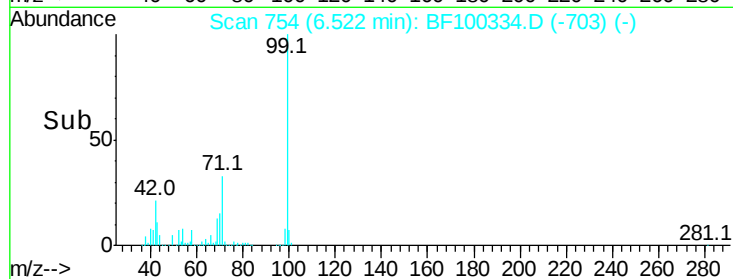
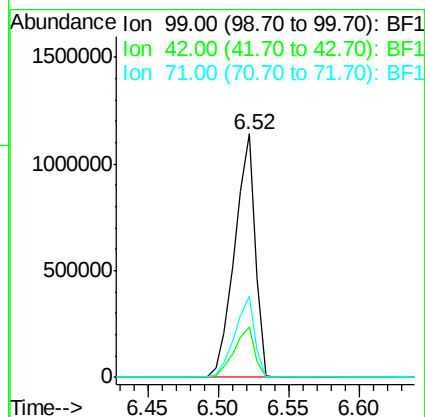
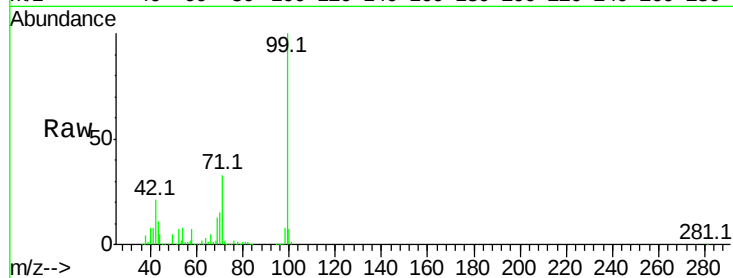
71 33.1 25.4 38.0

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#10

Phenol

Concen: 2.139 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF100334.D

Acq: 9 Nov 2017 11:41

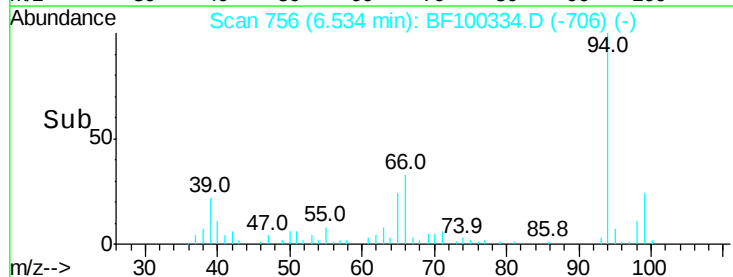
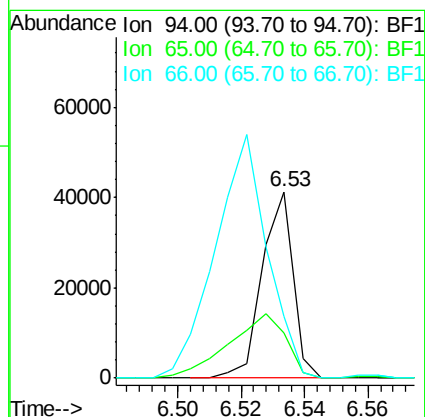
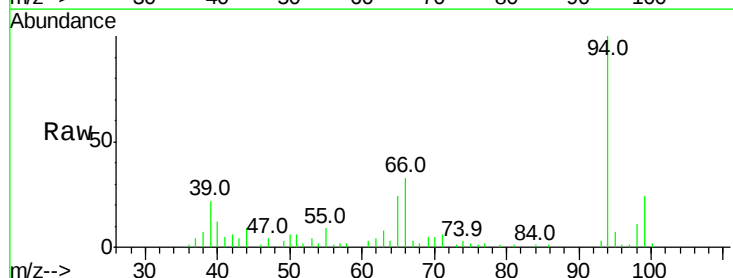
Tgt Ion: 94 Resp: 28035

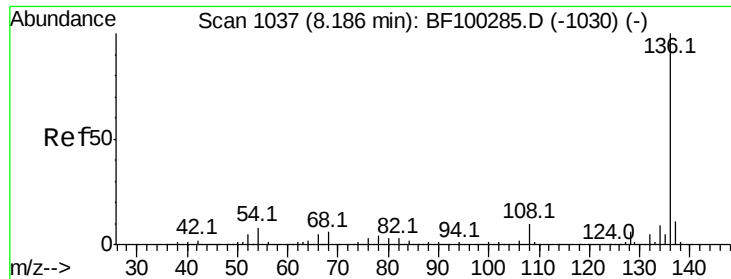
Ion Ratio Lower Upper

94 100

65 24.4 7.9 47.9

66 33.0 16.2 56.2





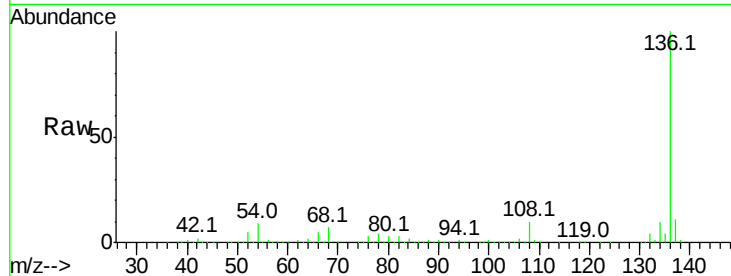
#21
Naphthalene-d8
Concen: 40.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100334.D
Acq: 9 Nov 2017 11:41

Instrument :
BNA_F
ClientSampleId :
TR-04-110617

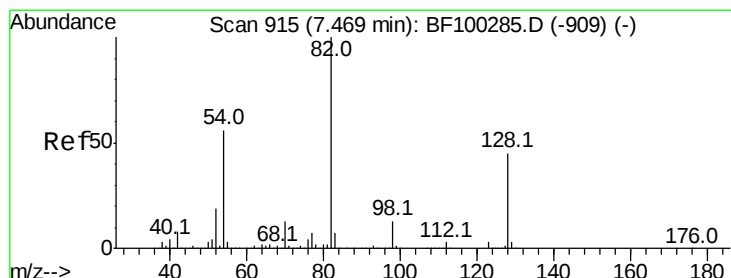
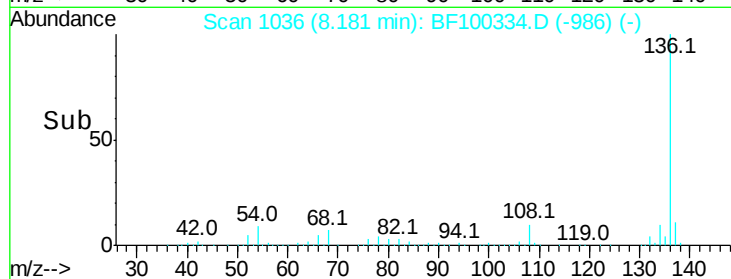
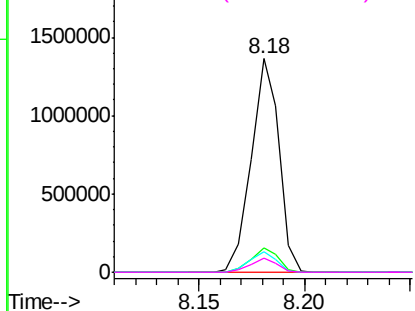
Tot Ion	136	Resp	1242760
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.4	6.6	9.8
68	6.7	5.0	7.4

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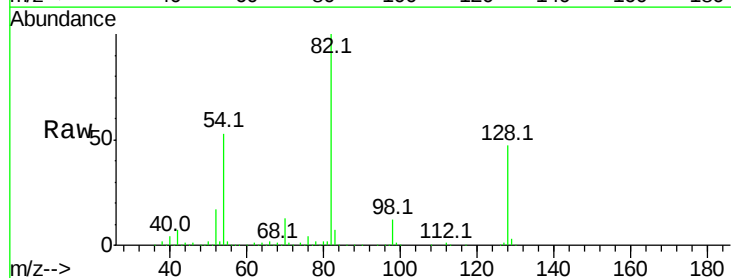


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

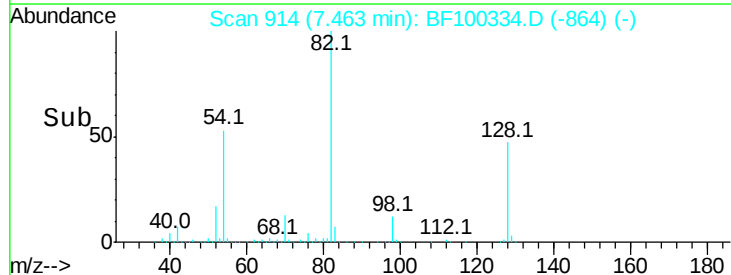
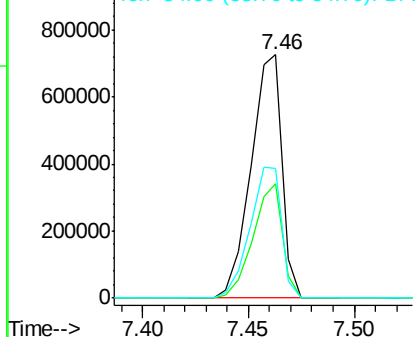


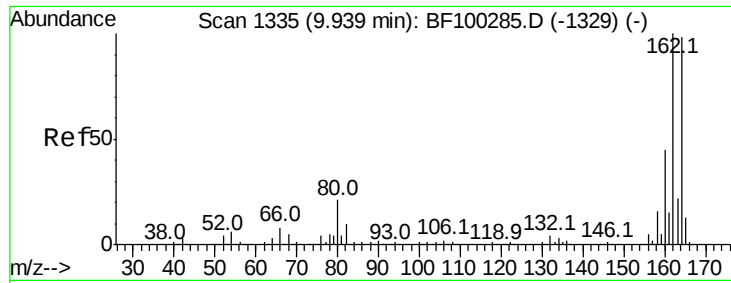
#23
Nitrobenzene-d5
Concen: 78.863 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100334.D
Acq: 9 Nov 2017 11:41

Tgt Ion	82	Resp	741206
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	53.1	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





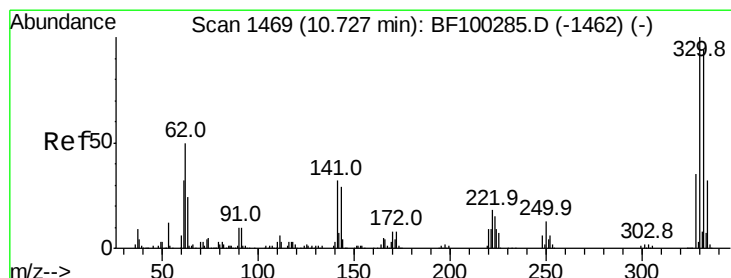
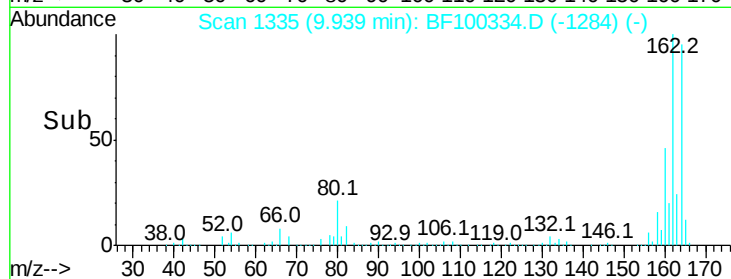
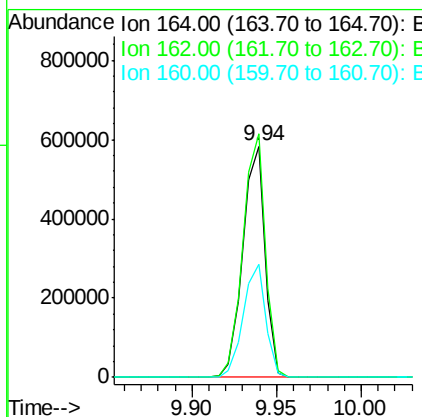
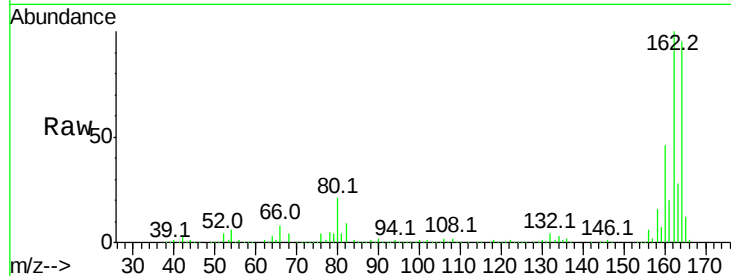
#38
Acenaphthene-d10
Concen: 40.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100334.D
Acq: 9 Nov 2017 11:41

Instrument :
BNA_F
ClientSampleId :
TR-04-110617

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	48.7	38.3	57.5

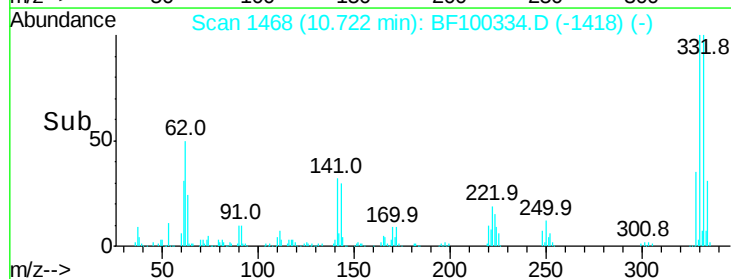
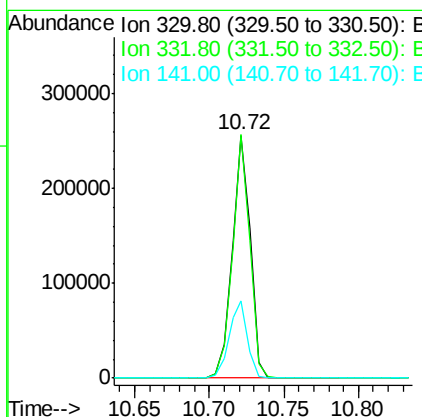
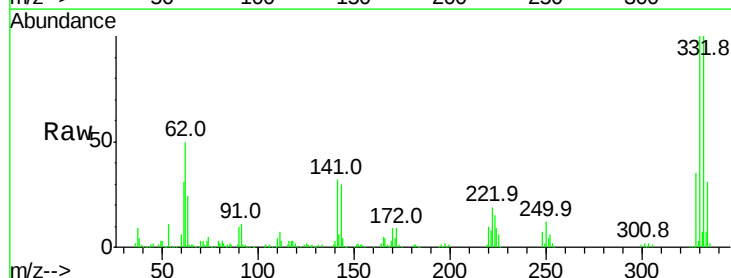
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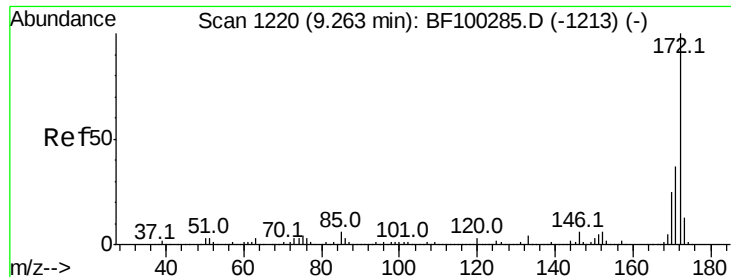
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#41
2,4,6-Tribromophenol
Concen: 79.973 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF100334.D
Acq: 9 Nov 2017 11:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.3	29.9	44.9





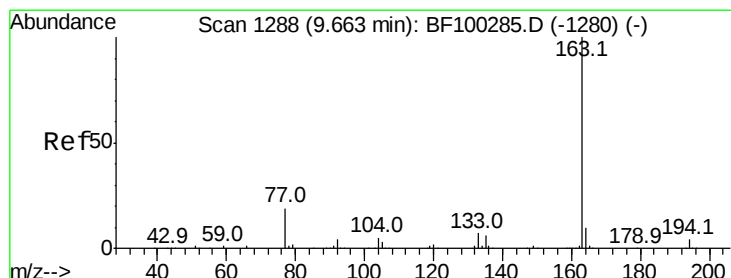
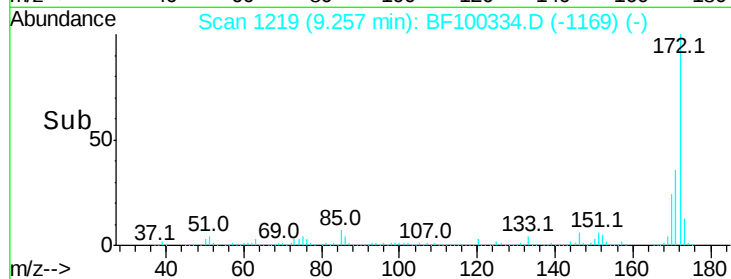
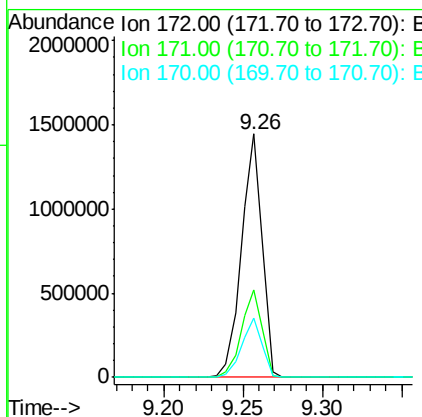
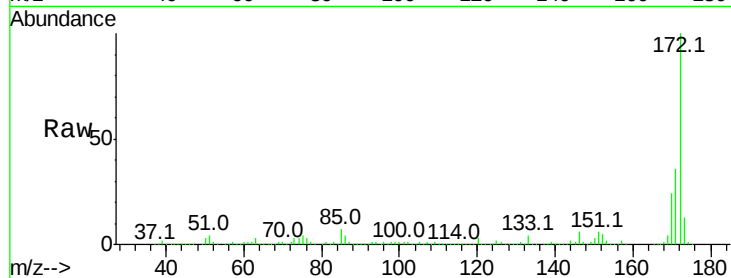
#44
2-Fluorobiphenyl
Concen: 73.020 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100334.D
Acq: 9 Nov 2017 11:41

Instrument :
BNA_F
ClientSampleId :
TR-04-110617

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4

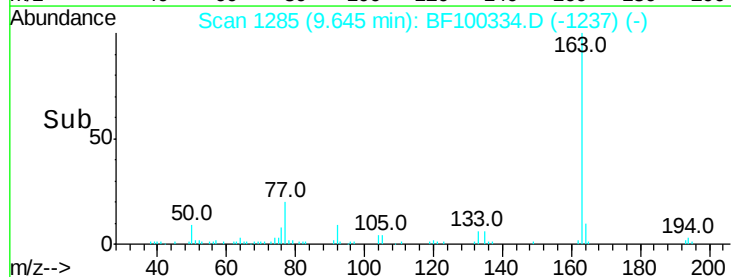
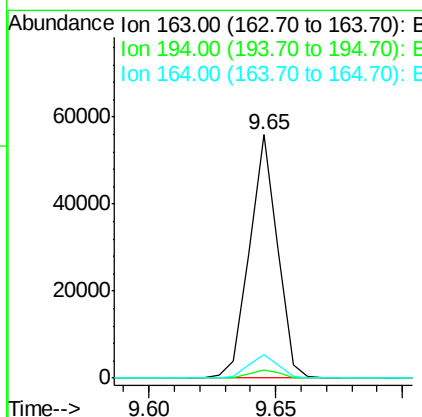
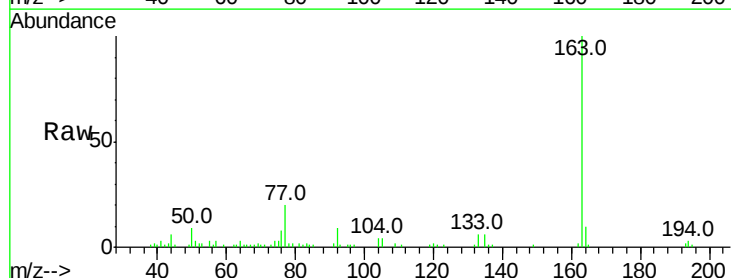
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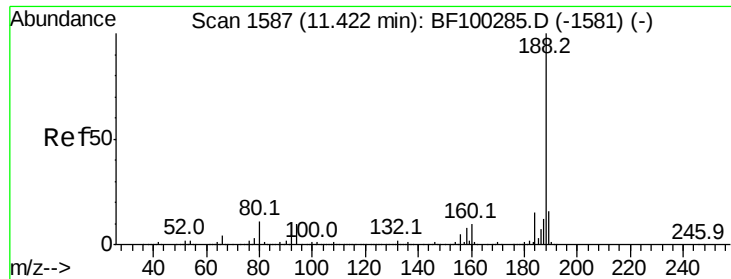
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#49
Dimethylphthalate
Concen: 2.099 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100334.D
Acq: 9 Nov 2017 11:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.7	8.2	12.2





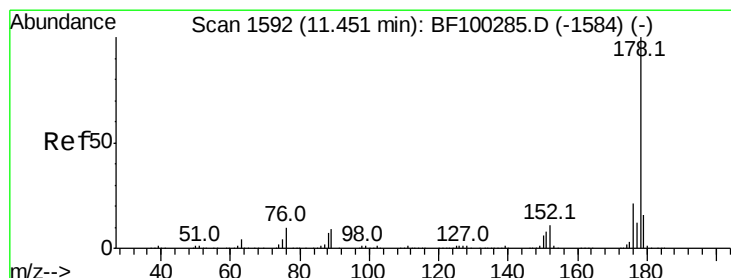
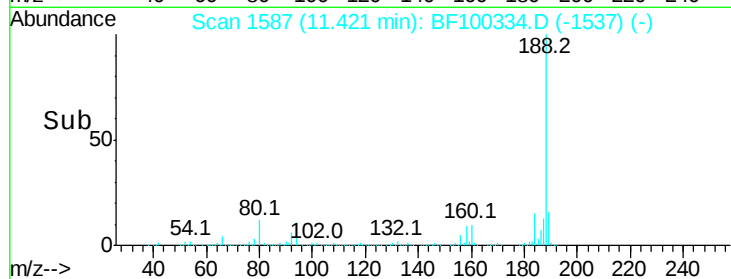
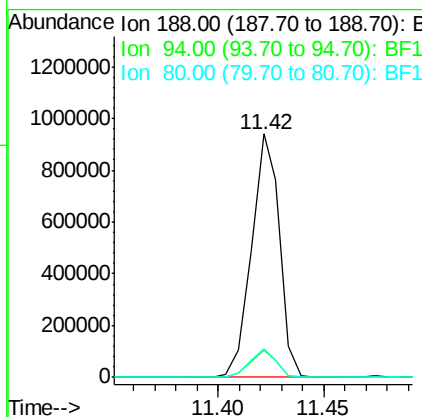
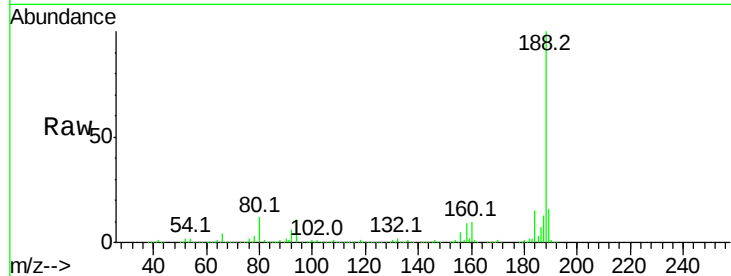
#63
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100334.D
Acq: 9 Nov 2017 11:41

Instrument :
BNA_F
ClientSampleId :
TR-04-110617

Tot Ion	Ratio	Resp	Lower	Upper
188	100	860584		
94	11.0		8.5	12.7
80	11.9		9.2	13.8

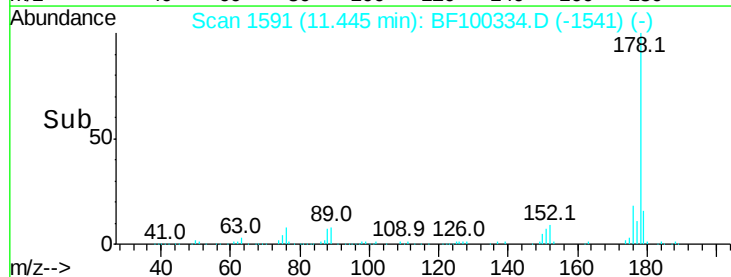
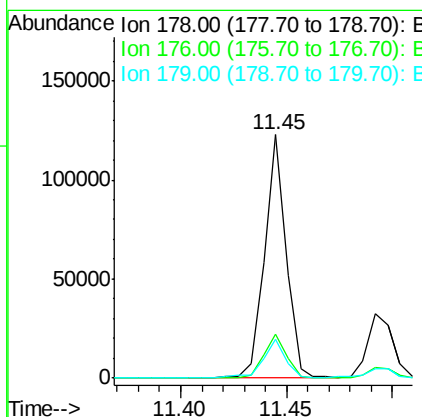
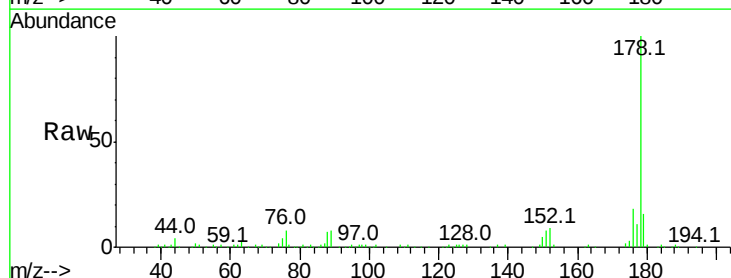
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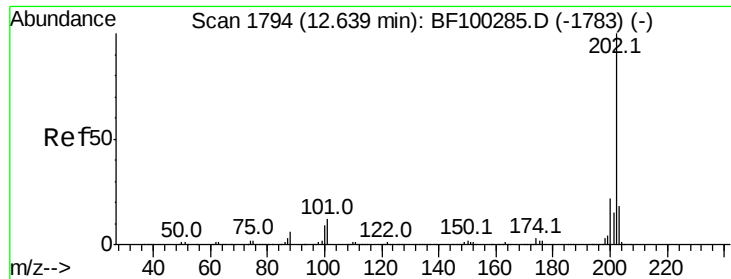
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#70
Phenanthrene
Concen: 3.875 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF100334.D
Acq: 9 Nov 2017 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	87801		
176	18.0		15.8	23.8
179	16.1		13.0	19.6





#74

Fluoranthene

Concen: 6.473 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF100334.D

Acq: 9 Nov 2017 11:41

Instrument :

BNA_F

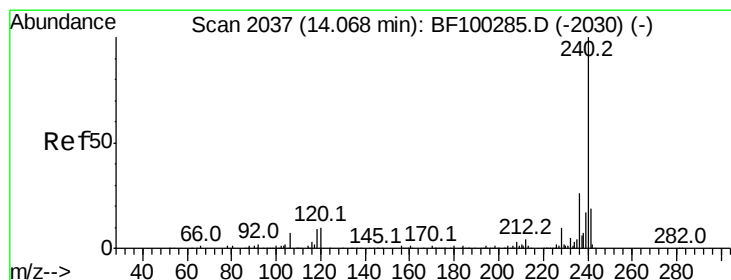
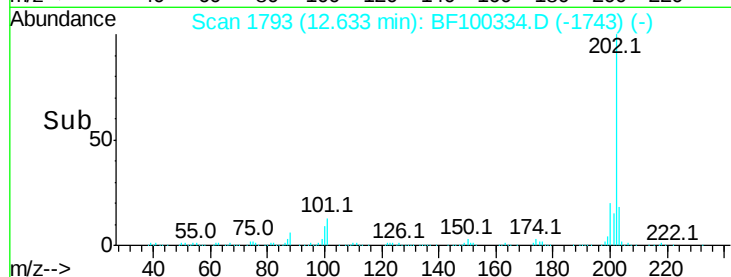
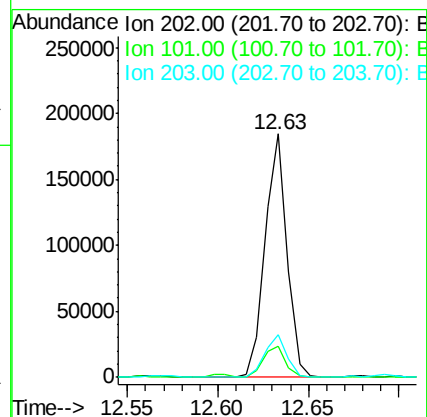
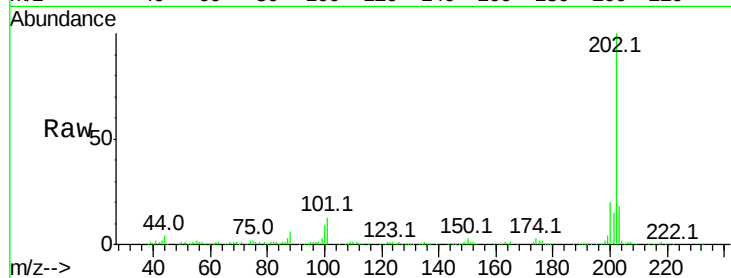
ClientSampleId :

TR-04-110617

Tot Ion:	202	Resp:	155427
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	34.1
203	17.7	0.0	38.1

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#75

Chrysene-d12

Concen: 40.000 ng

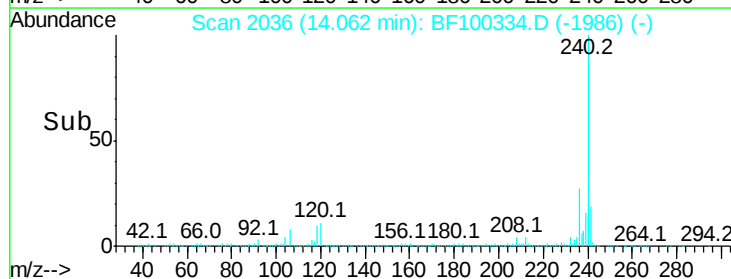
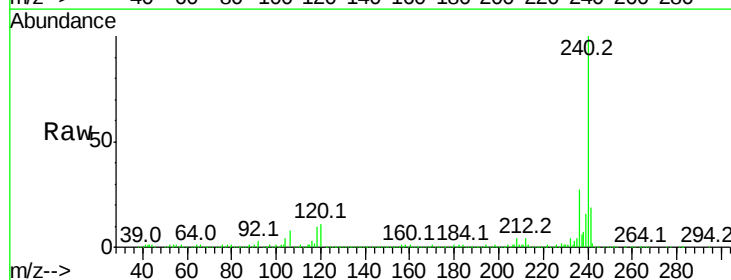
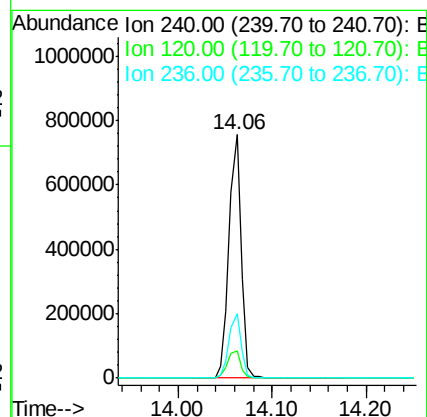
RT: 14.06 min Scan# 2036

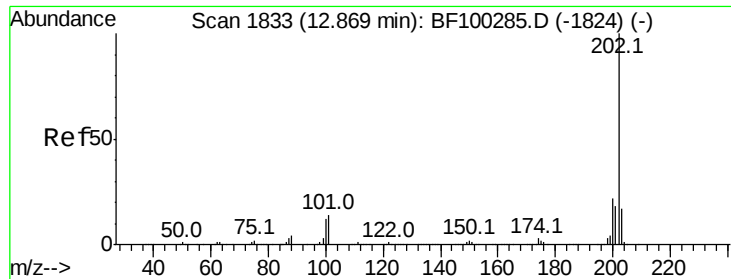
Delta R.T. -0.01 min

Lab File: BF100334.D

Acq: 9 Nov 2017 11:41

Tgt Ion:	240	Resp:	689274
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.5	14.3
236	26.6	20.7	31.1





#77

Pvrene

Concen: 6.243 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BF100334.D

Acq: 9 Nov 2017 11:41

Instrument :

BNA_F

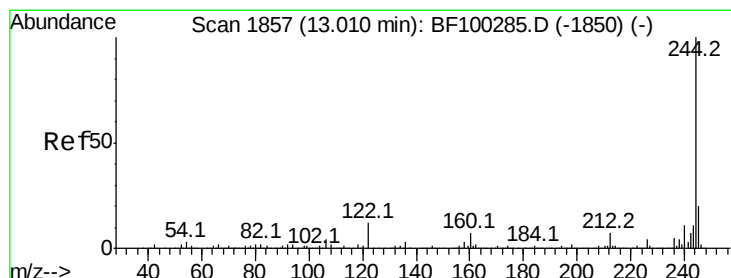
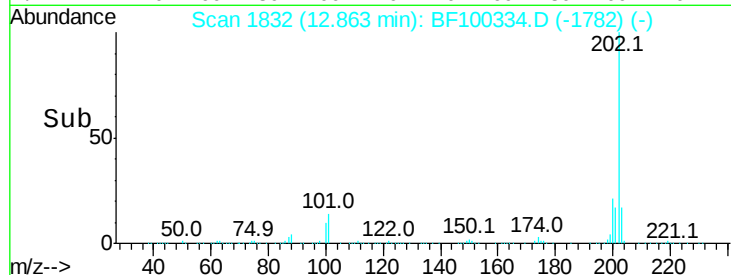
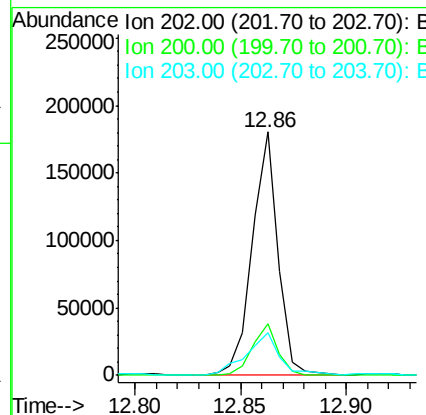
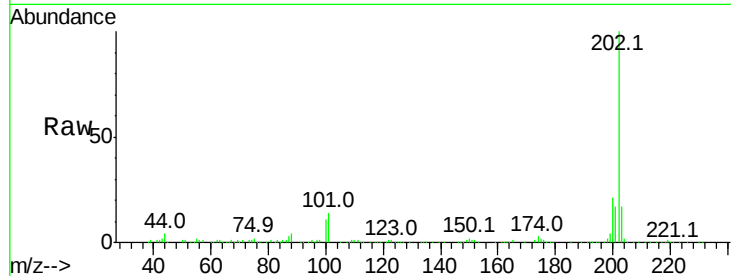
ClientSampleId :

TR-04-110617

Tot Ion:	202	Resp:	153373
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	17.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 59.677 ng

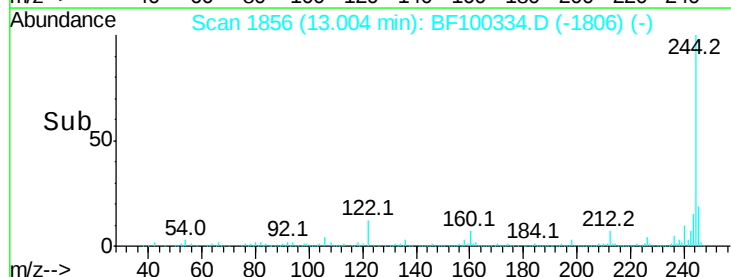
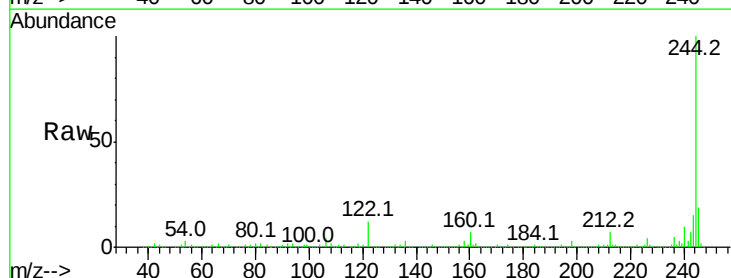
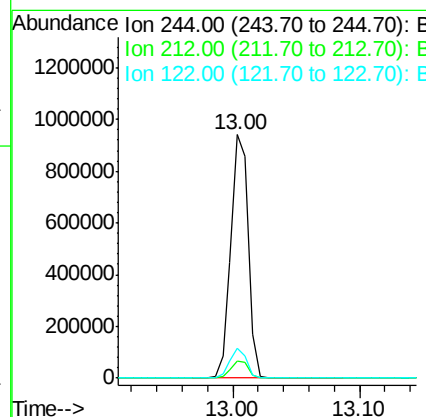
RT: 13.00 min Scan# 1856

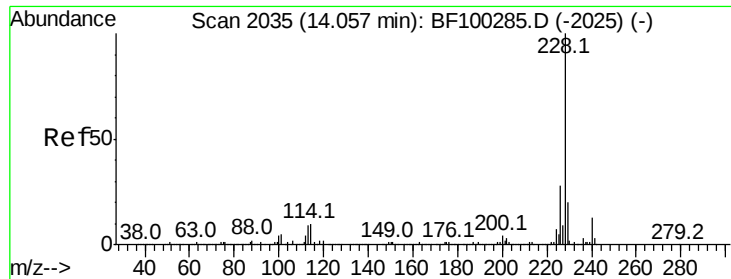
Delta R.T. -0.01 min

Lab File: BF100334.D

Acq: 9 Nov 2017 11:41

Tgt Ion:	244	Resp:	895111
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	12.4	11.0	16.4





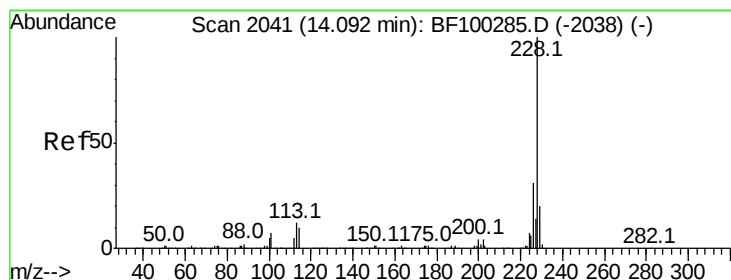
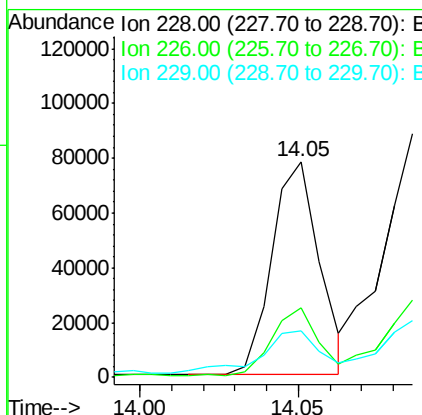
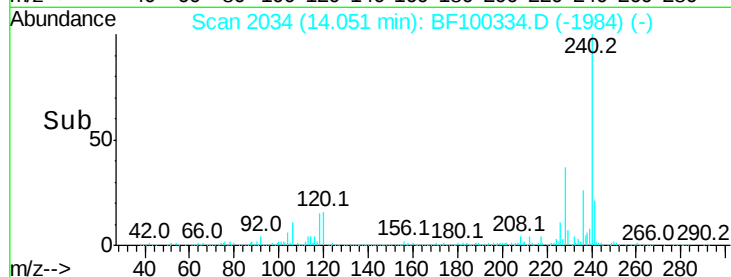
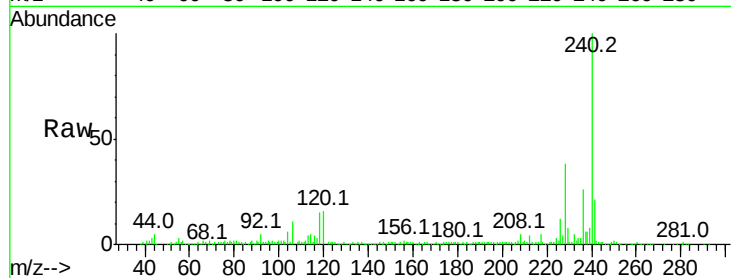
#80
Benzo(a)anthracene
Concen: 3.922 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF100334.D
Acq: 9 Nov 2017 11:41

Instrument :
BNA_F
ClientSampleId :
TR-04-110617

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.6	33.8
229	21.3	15.8	23.6

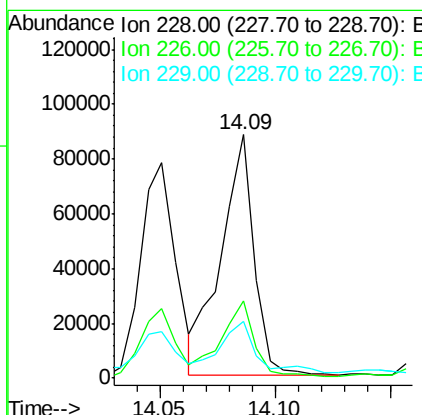
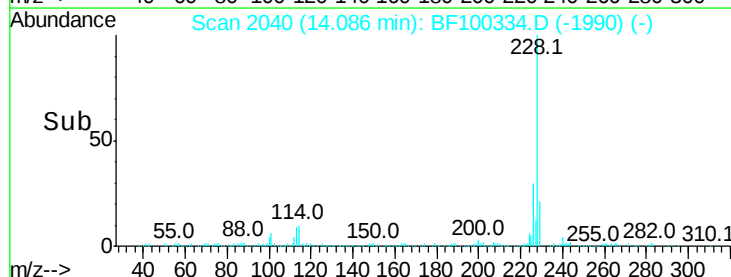
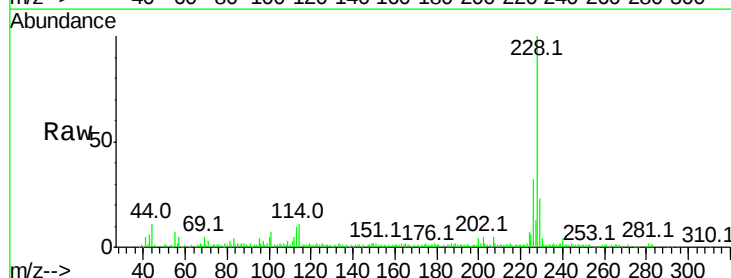
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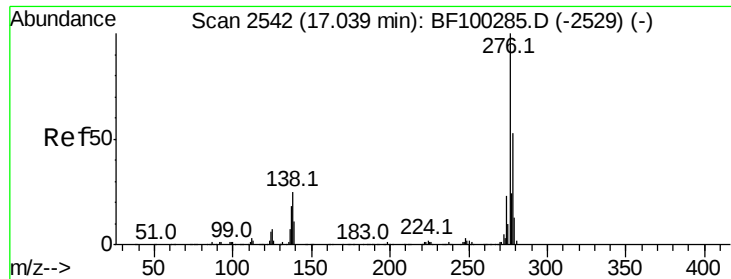
Sohil
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#82
Chrysene
Concen: 4.391 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF100334.D
Acq: 9 Nov 2017 11:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	23.1	16.2	24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.079 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BF100334.D

Acq: 9 Nov 2017 11:41

Instrument :

BNA_F

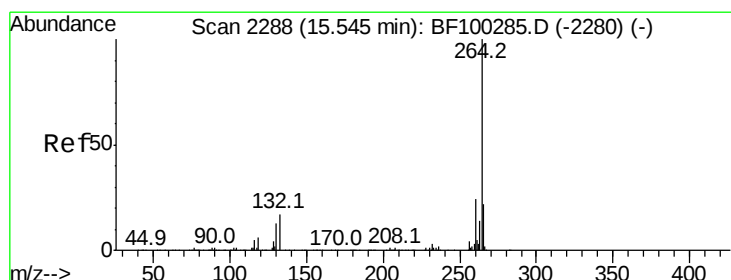
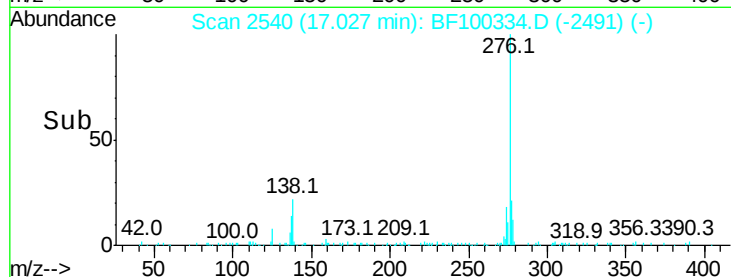
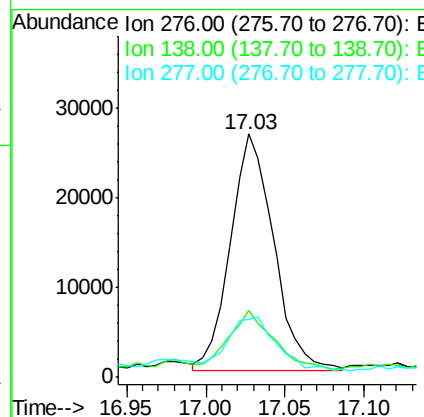
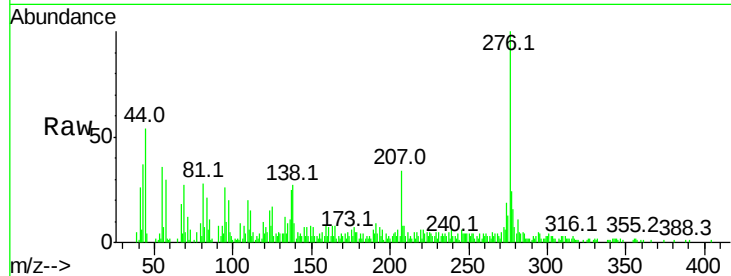
ClientSampleId :

TR-04-110617

Tot Ion:	276	Resp:	50049
Ion Ratio	Lower	Upper	
276	100		
138	25.0	25.0	37.6#
277	24.8	20.1	30.1

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#86

Perylene-d12

Concen: 40.000 ng

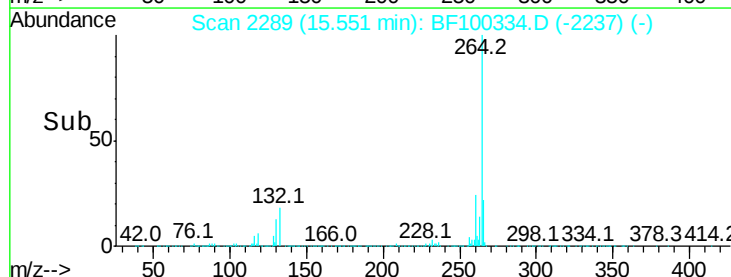
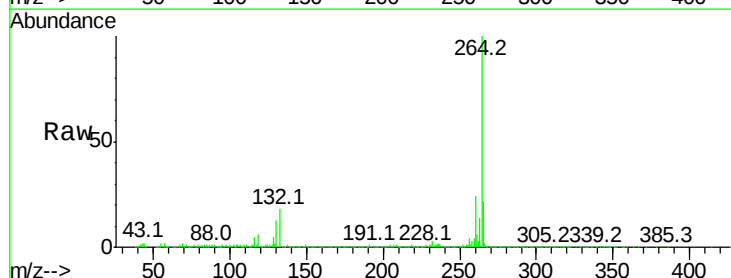
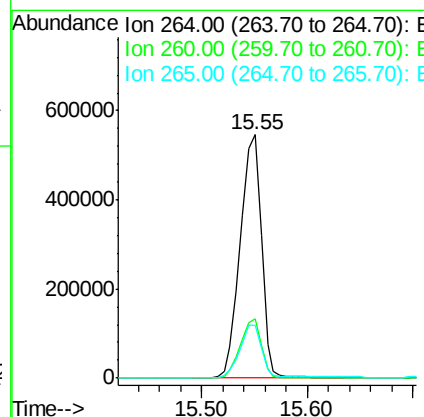
RT: 15.55 min Scan# 2289

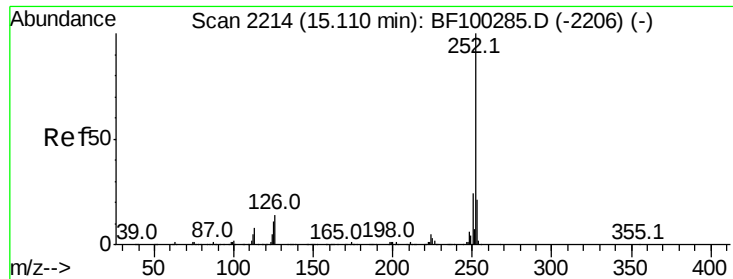
Delta R.T. 0.01 min

Lab File: BF100334.D

Acq: 9 Nov 2017 11:41

Tgt Ion:	264	Resp:	756537
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	22.0	17.5	26.3





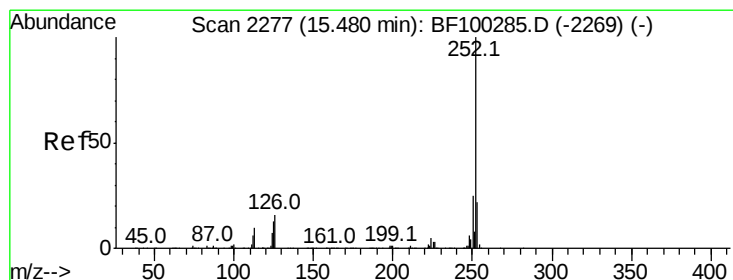
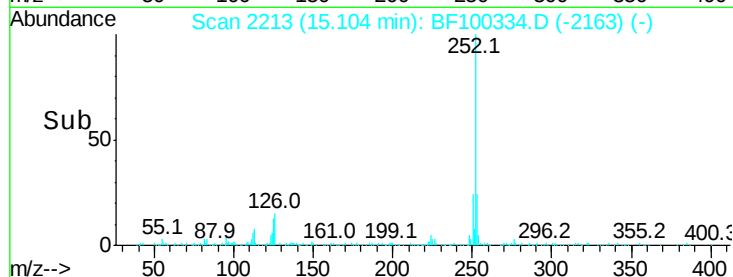
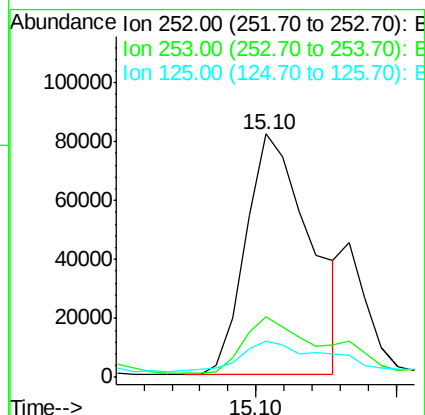
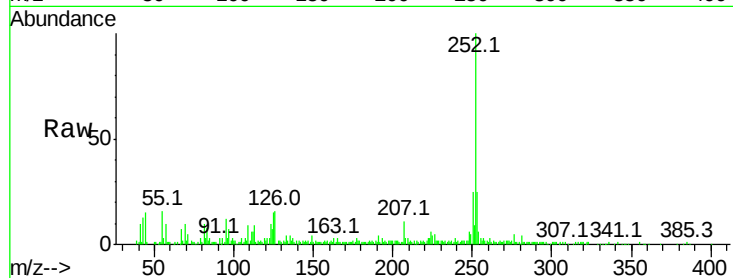
#87
Benzo(b)fluoranthene
Concen: 5.783 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100334.D
Acq: 9 Nov 2017 11:41

Instrument :
BNA_F
ClientSampleId :
TR-04-110617

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.0	25.6
125	14.8	9.0	13.6

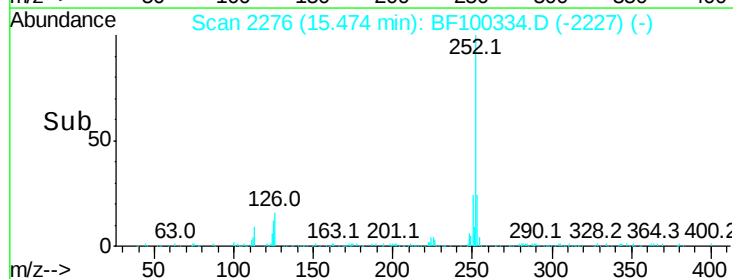
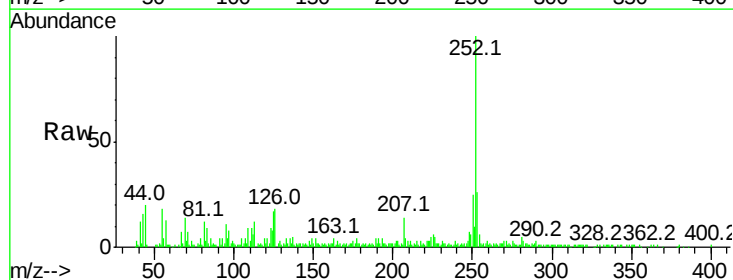
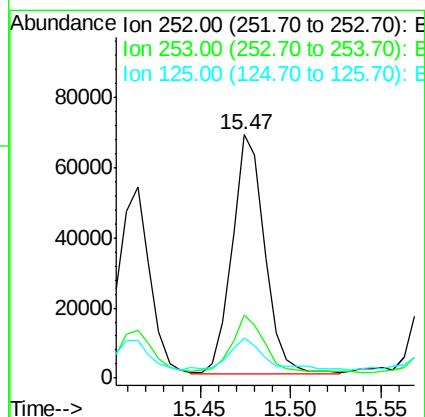
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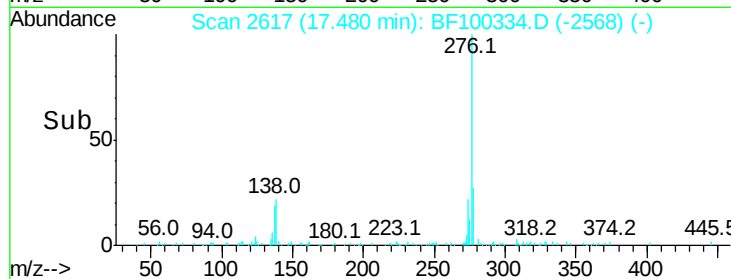
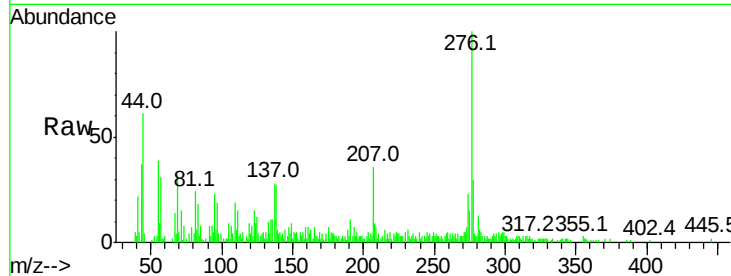
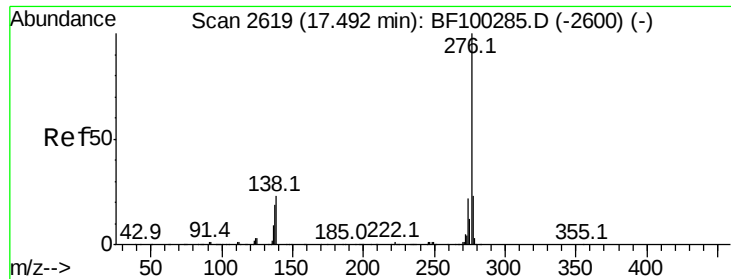
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#89
Benzo(a)pyrene
Concen: 4.326 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF100334.D
Acq: 9 Nov 2017 11:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.1	25.7
125	16.6	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.194 ng
 RT: 17.48 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BF100334.D
 Acq: 9 Nov 2017 11:41

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-110617

Tot Ion	Ratio	Lower	Upper
276	100		
277	30.2	17.9	26.9#
138	26.5	21.8	32.8

Manual Integrations
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