

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100752.D
 Acq On : 21 Nov 2017 1:14
 Operator : SJ/JU
 Sample : I6300-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717

Manual Integrations
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SOHIL
 11/21/2017 2:16:38 PM

Quant Time: Nov 21 05:56:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	89758	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	339506	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	141735	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	220185	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	193566	20.00	ng	-0.01
86) Perylene-d12	15.51	264	161468	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	441587	78.86	ng	0.00
7) Phenol-d6	6.50	99	525336	76.08	ng	-0.01
23) Nitrobenzene-d5	7.43	82	317803	61.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	109799	76.02	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	646985	69.51	ng	-0.01
78) Terphenyl-d14	12.98	244	465937	55.31	ng	0.00
Target Compounds						
10) Phenol	6.51	94	18390	2.537	ng	94
49) Dimethylphthalate	9.62	163	58947	5.447	ng	97
70) Phenanthrene	11.42	178	72882	6.287	ng	98
71) Anthracene	11.47	178	26254	2.232	ng	98
74) Fluoranthene	12.61	202	139152	11.326	ng	94
77) Pyrene	12.84	202	127380	9.232	ng	96
80) Benzo(a)anthracene	14.02	228	70972	6.089	ng	98
82) Chrysene	14.06	228	62779	5.562	ng	96
85) Indeno(1,2,3-cd)pyrene	16.98	276	25075	2.746	ng	# 93
87) Benzo(b)fluoranthene	15.07	252	69575m	7.273	ng	
88) Benzo(k)fluoranthene	15.10	252	23463m	2.596	ng	
89) Benzo(a)pyrene	15.44	252	46723	5.509	ng	96
91) Benzo(a,h,i)perylene	17.43	276	22348	3.292	ng	96

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

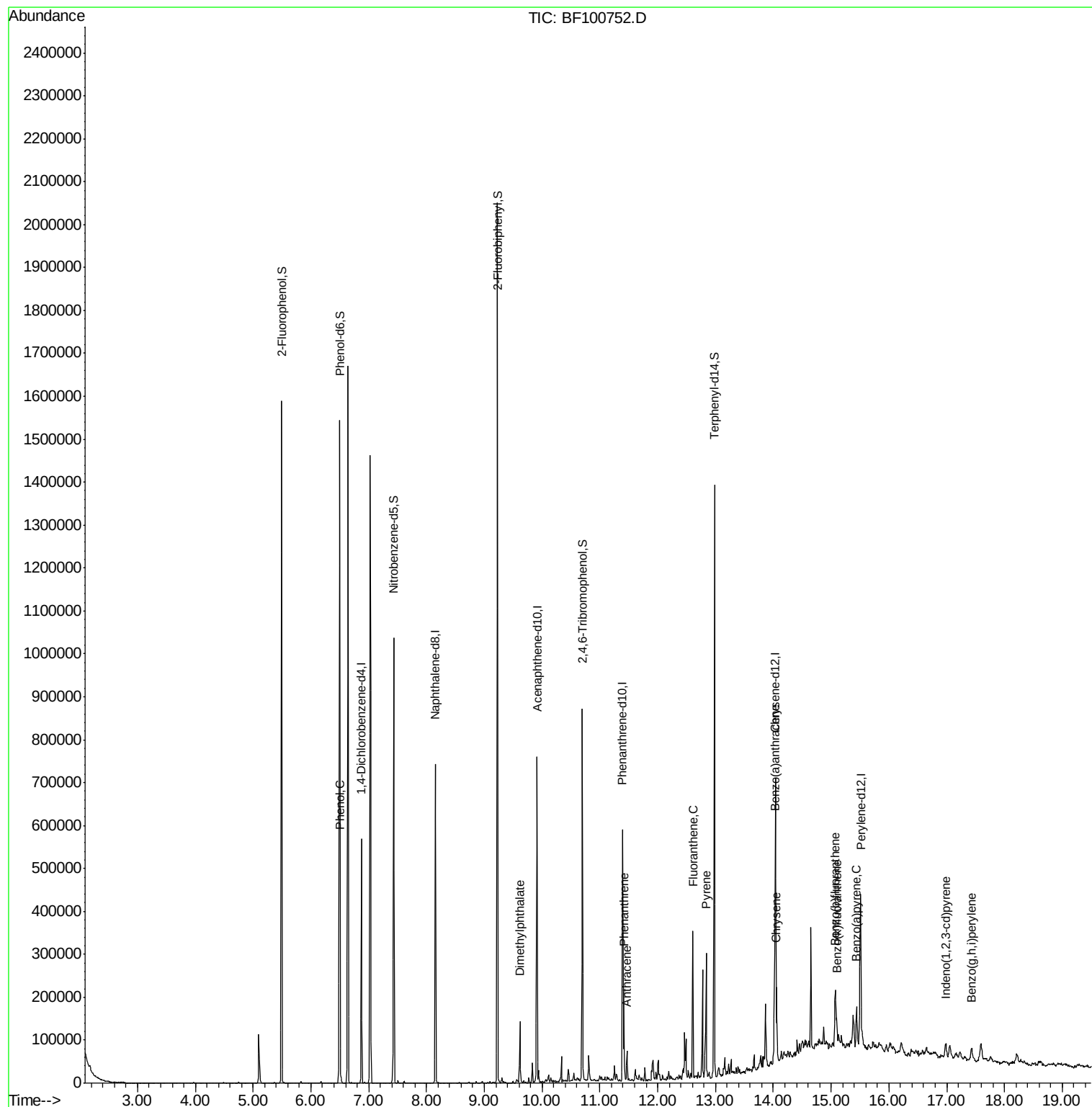
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
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ALS Vial : 20 Sample Multiplier: 1

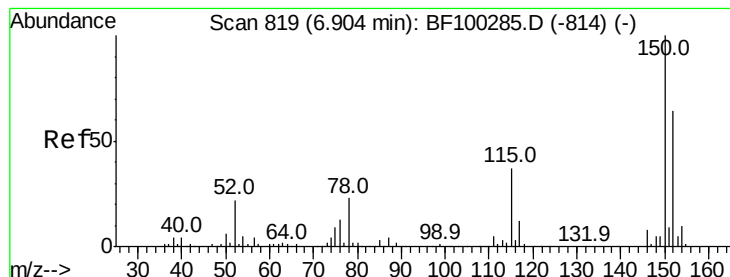
Instrument :
BNA_F
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OR-01-111717

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

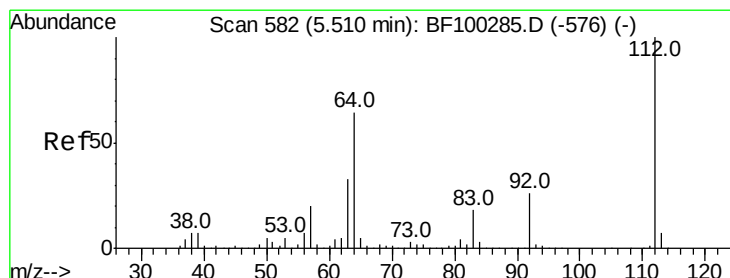
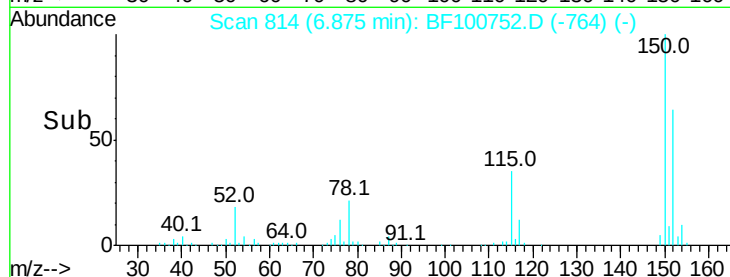
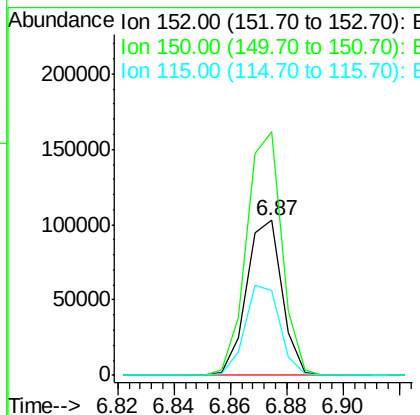
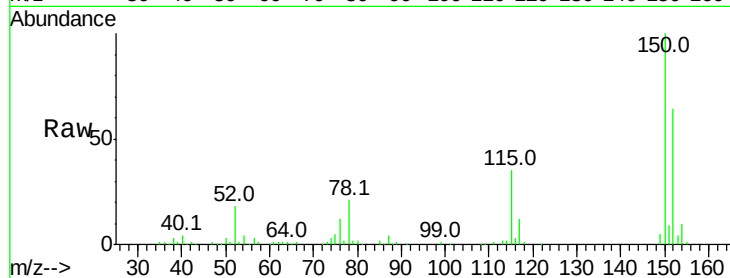
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF100752.D
 Acq: 21 Nov 2017 1:14

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	55.1	50.1	75.1

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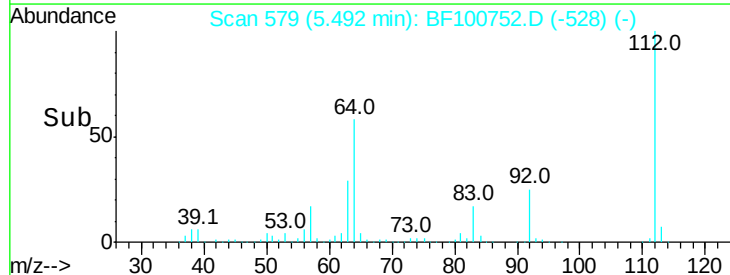
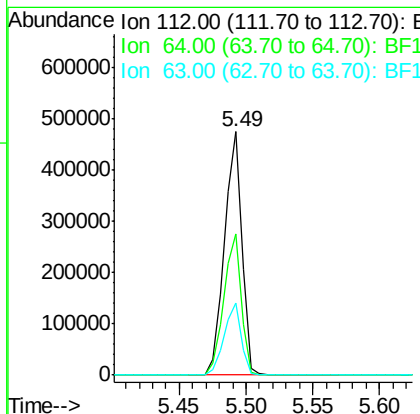
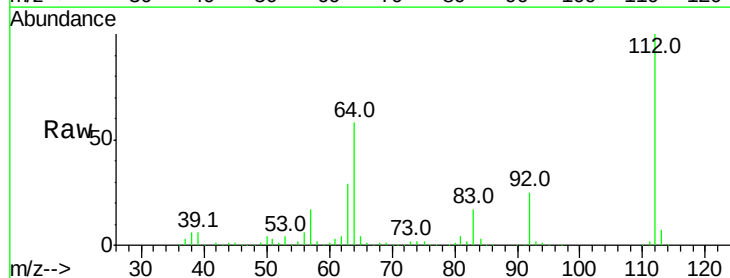
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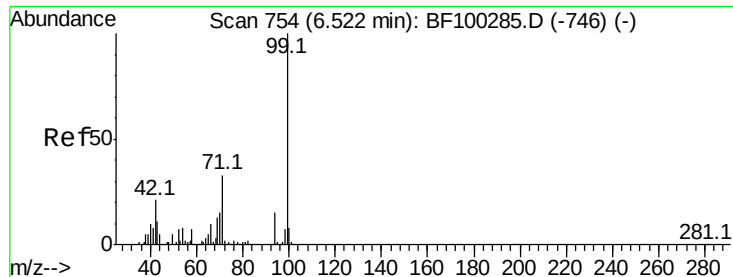


#5

2-Fluorophenol
 Concen: 78.863 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF100752.D
 Acq: 21 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	29.5	23.7	35.5





#7

Phenol-d6

Concen: 76.082 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100752.D

Acq: 21 Nov 2017 1:14

Instrument :

BNA_F

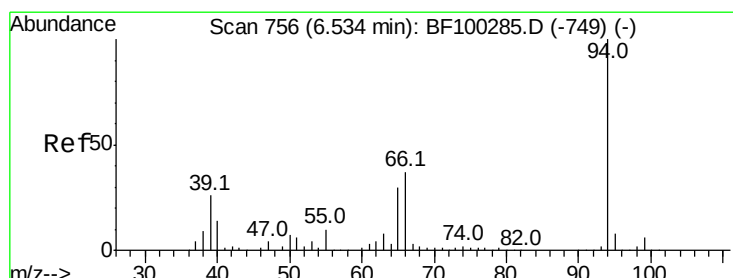
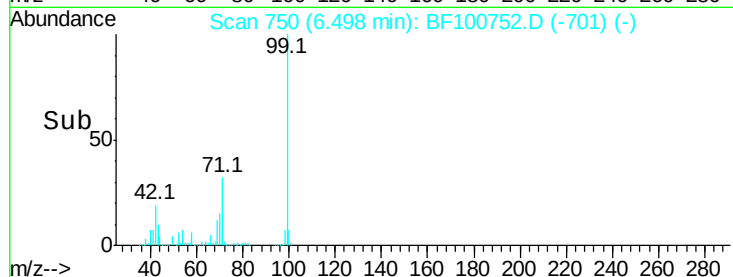
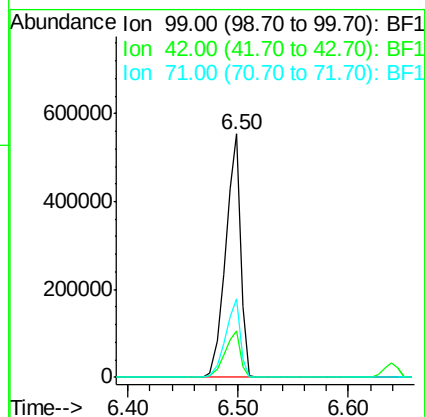
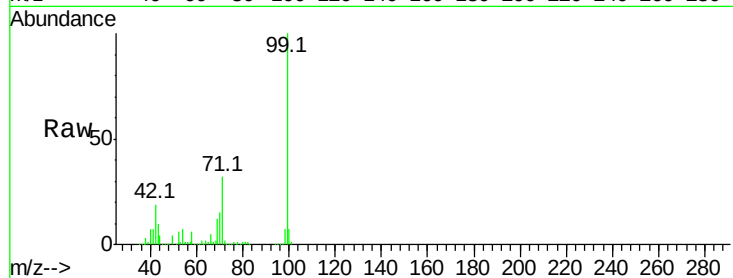
ClientSampleId :

OR-01-111717

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		525336		
42	19.2	14.5	21.7		
71	32.4	25.4	38.0		

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#10

Phenol

Concen: 2.537 ng

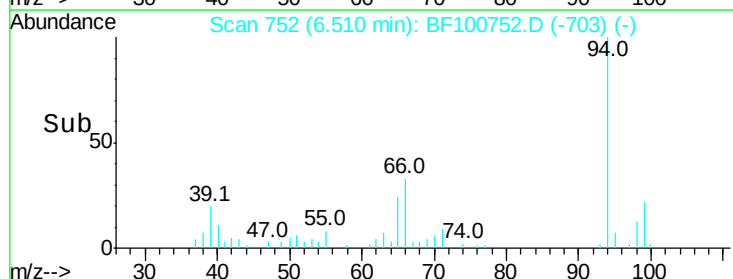
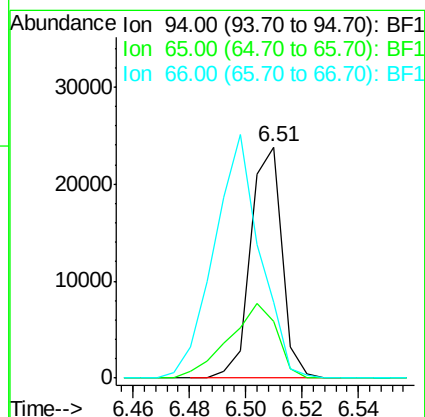
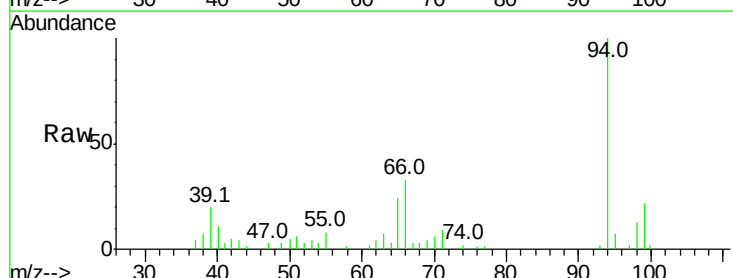
RT: 6.51 min Scan# 752

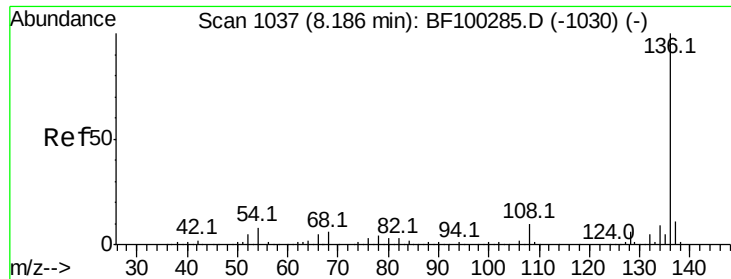
Delta R.T. -0.01 min

Lab File: BF100752.D

Acq: 21 Nov 2017 1:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		18390		
65	24.5	7.9	47.9		
66	32.8	16.2	56.2		





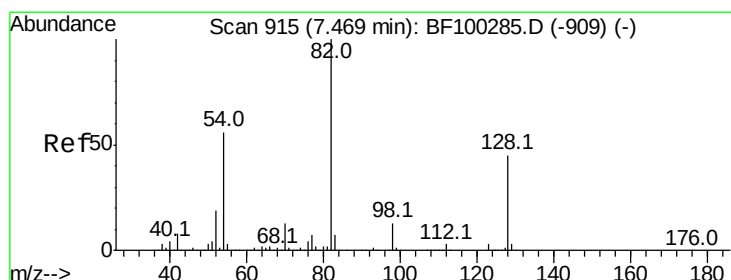
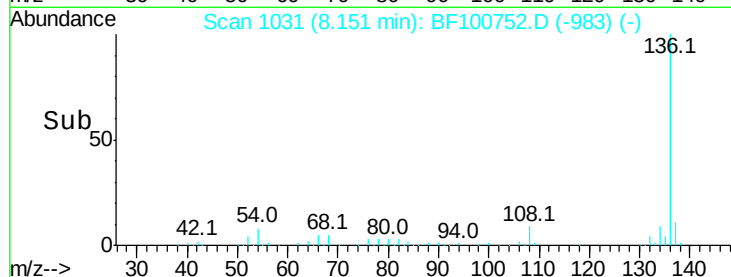
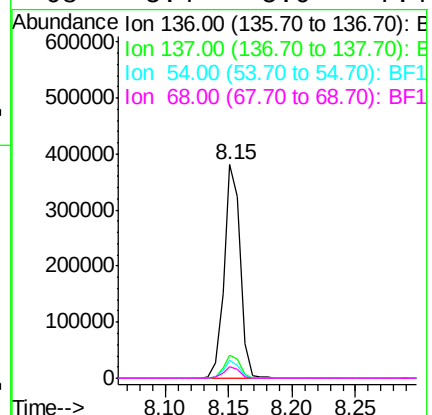
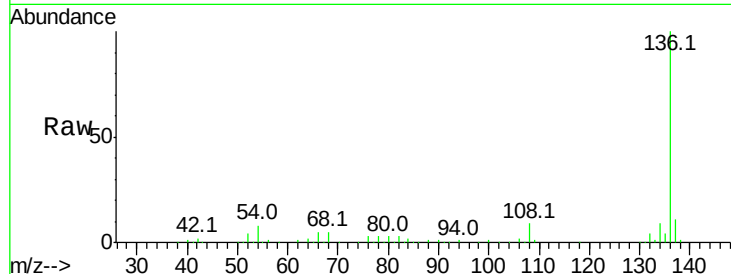
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.3	6.6	9.8
68	5.4	5.0	7.4

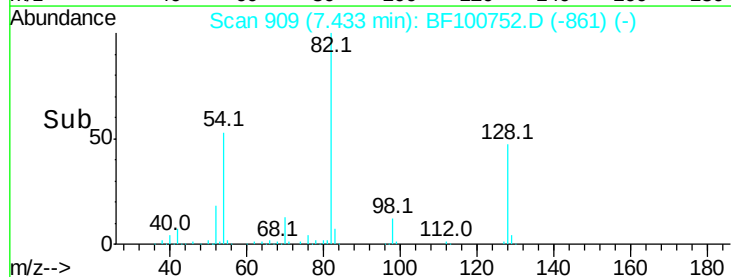
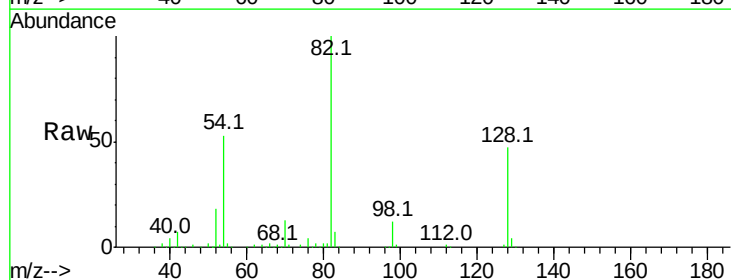
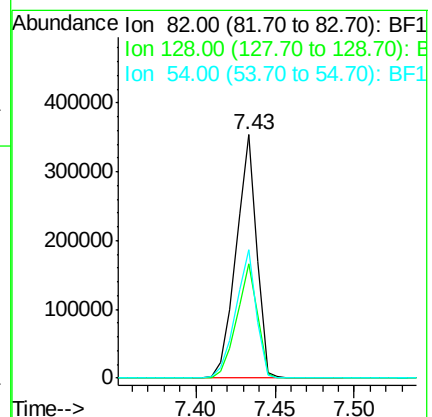
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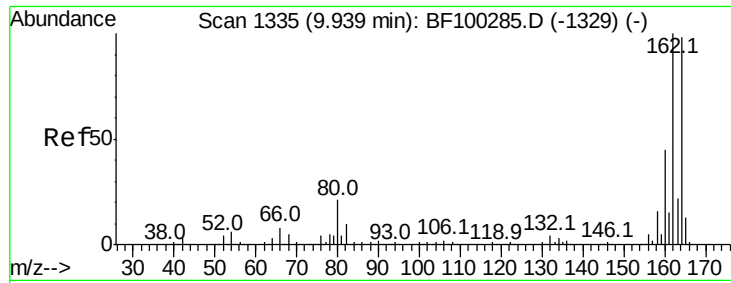
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#23
Nitrobenzene-d5
Concen: 61.887 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	47.2	36.1	54.1
54	52.8	41.4	62.2





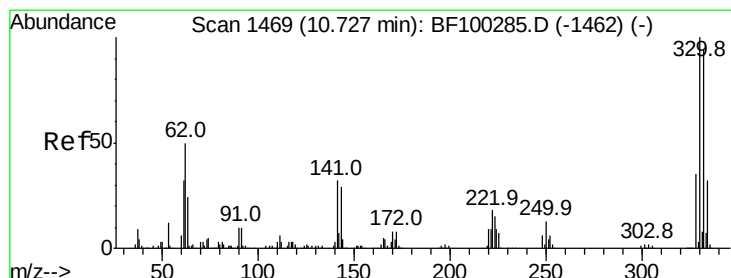
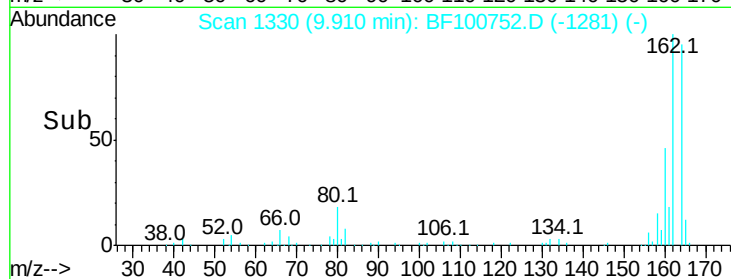
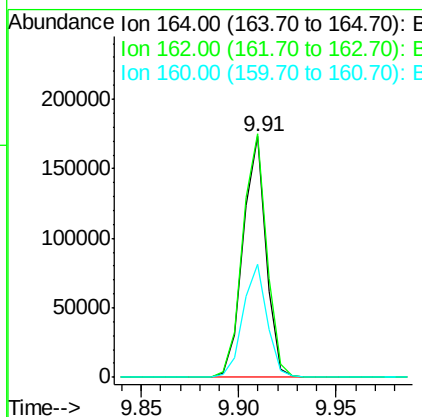
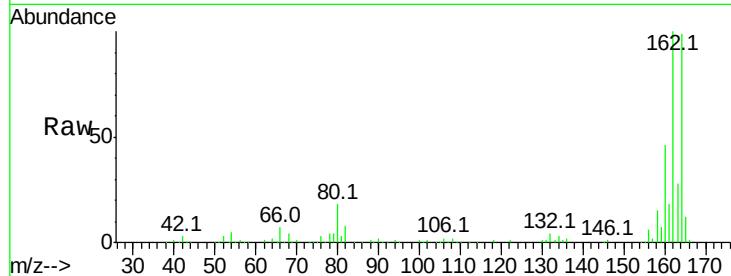
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	46.8	38.3	57.5

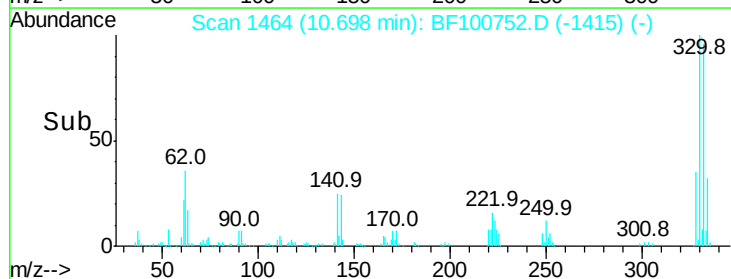
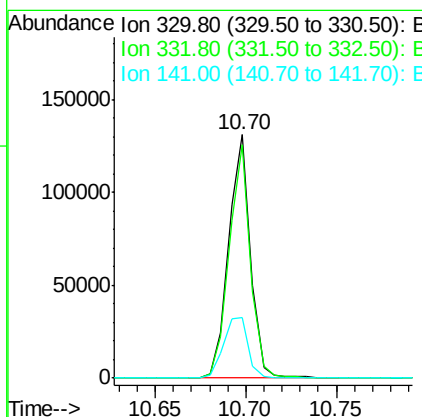
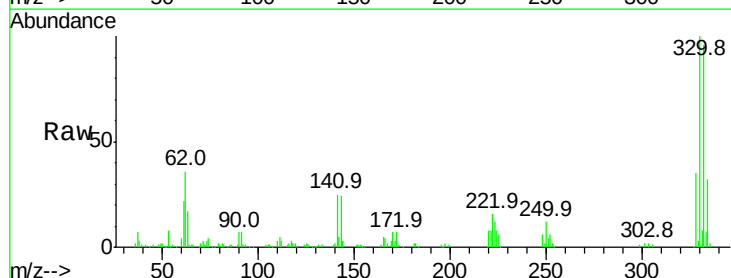
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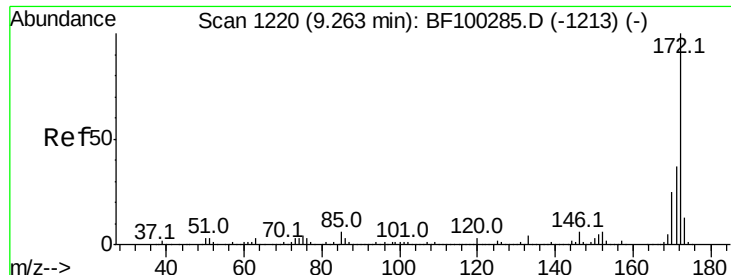
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#41
2,4,6-Tribromophenol
Concen: 76.023 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	28.5	29.9	44.9#





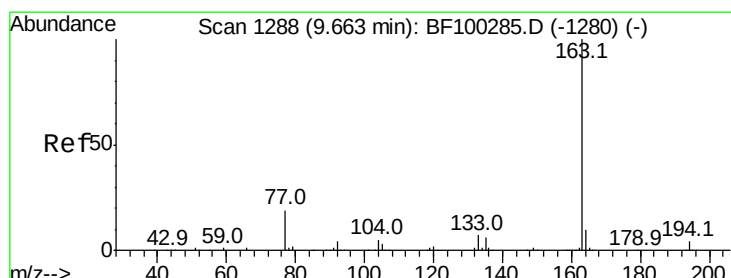
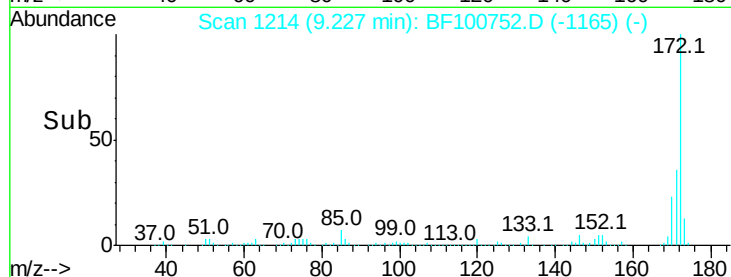
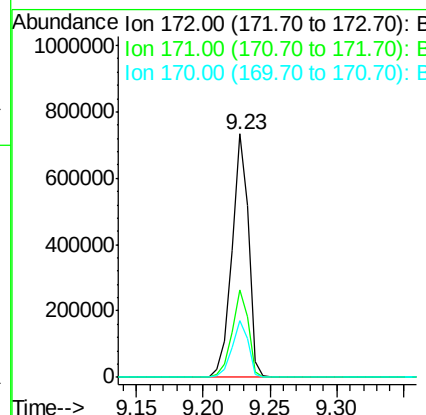
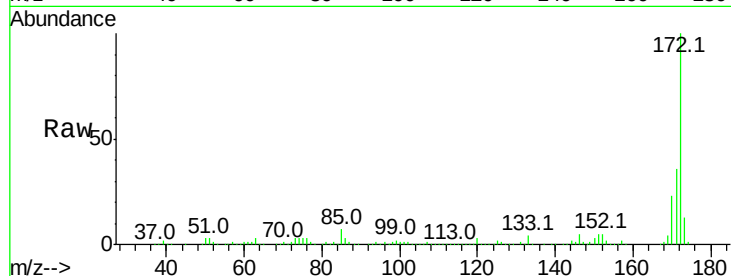
#44
2-Fluorobiphenyl
Concen: 69.508 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.7	44.5	
170	23.1	19.6	29.4	

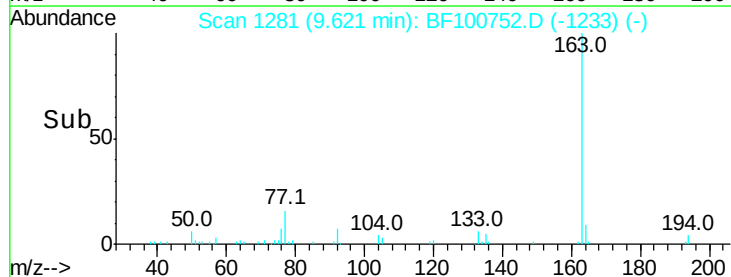
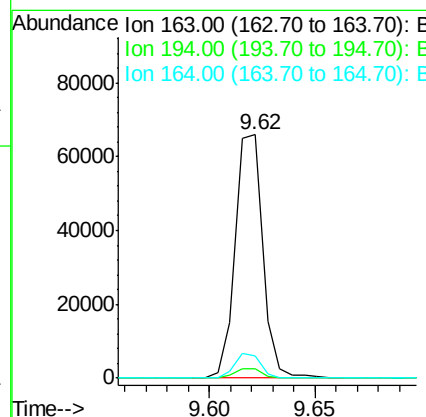
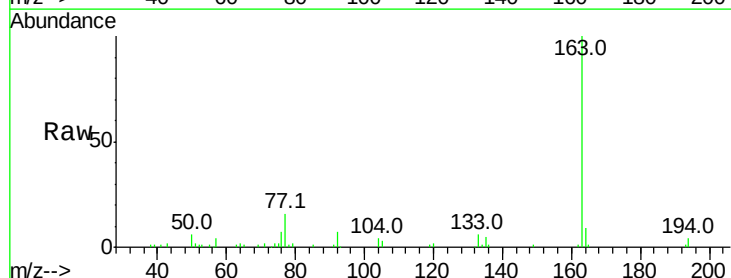
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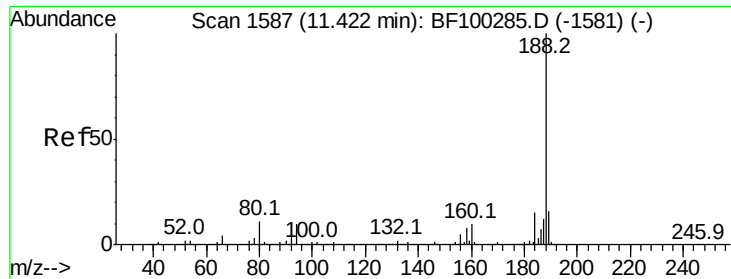
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#49
Dimethylphthalate
Concen: 5.447 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	8.9	8.2	12.2	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF100752.D

Acq: 21 Nov 2017 1:14

Instrument :

BNA_F

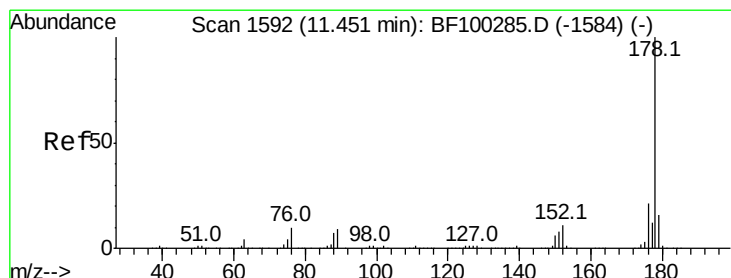
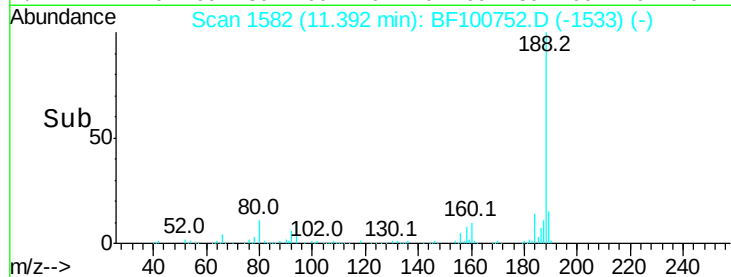
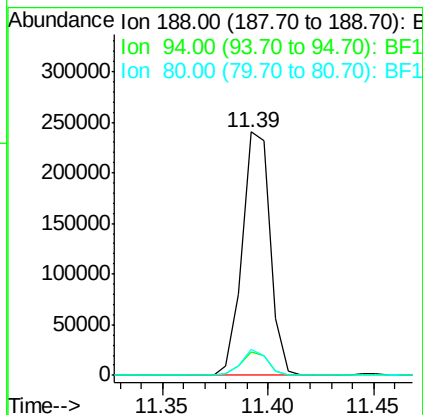
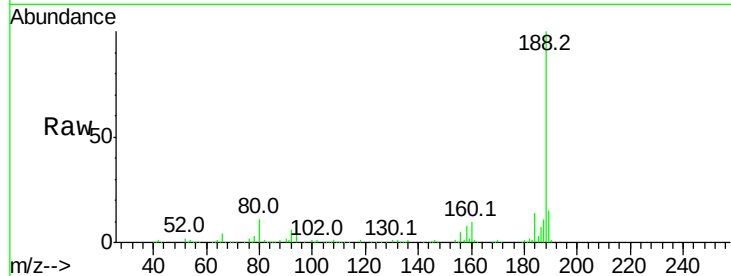
ClientSampleId :

OR-01-111717

Tot Ion:	188	Resp:	220185
Ion Ratio	Lower	Upper	
188	100		
94	9.8	8.5	12.7
80	10.8	9.2	13.8

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#70

Phenanthrene

Concen: 6.287 ng

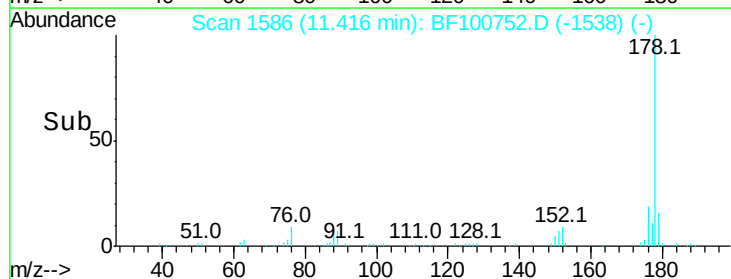
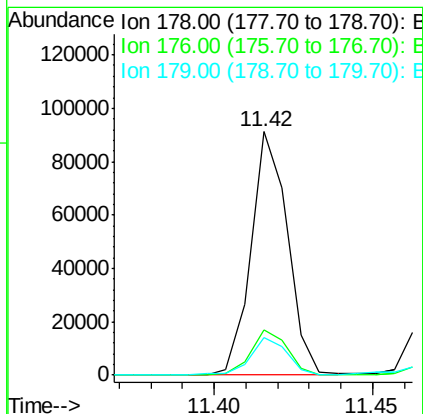
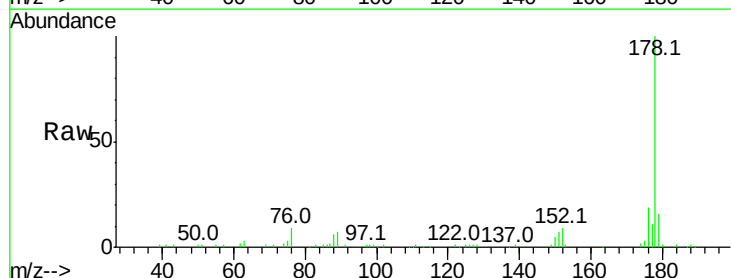
RT: 11.42 min Scan# 1586

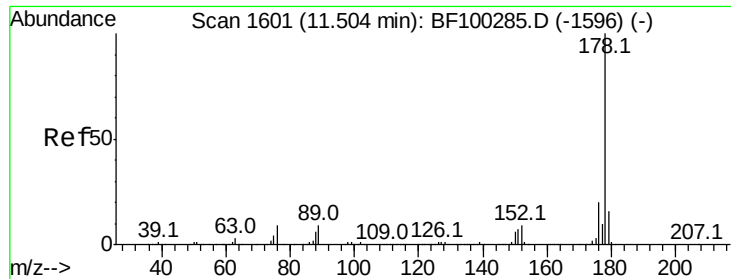
Delta R.T. -0.02 min

Lab File: BF100752.D

Acq: 21 Nov 2017 1:14

Tgt Ion:	178	Resp:	72882
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.8	23.8
179	15.7	13.0	19.6





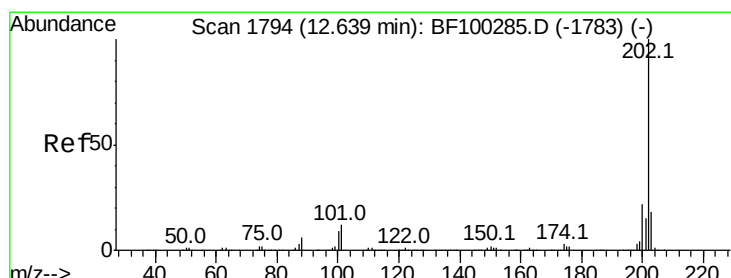
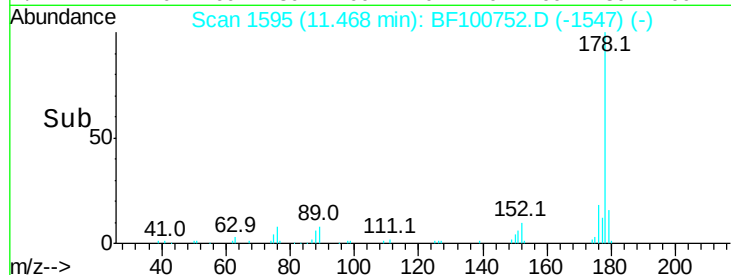
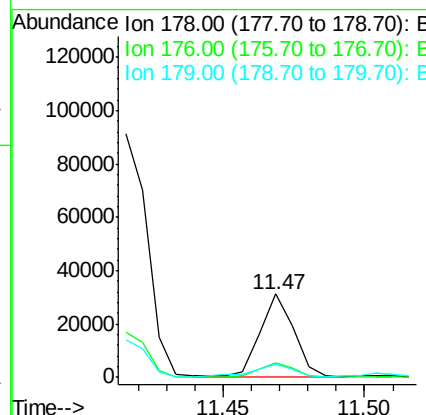
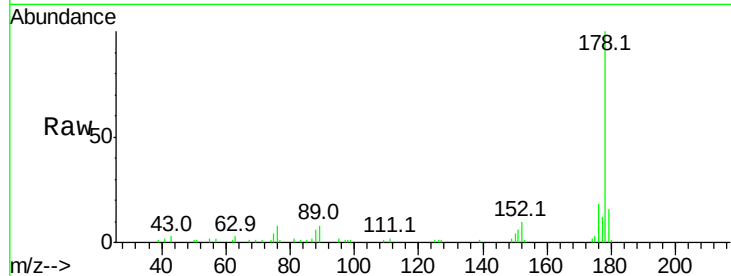
#71
 Anthracene
 Concen: 2.232 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF100752.D
 Acq: 21 Nov 2017 1:14

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	15.6	12.6	19.0

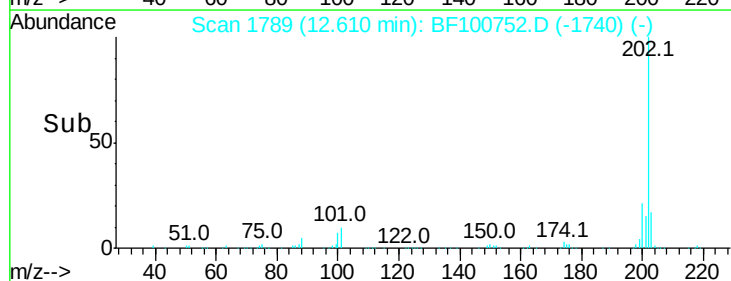
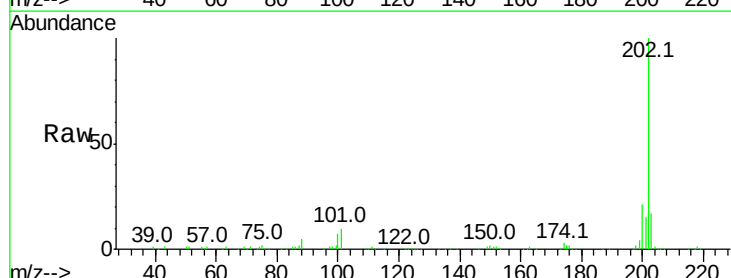
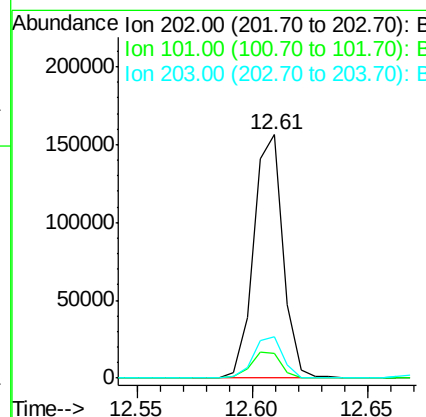
Manual Integrations
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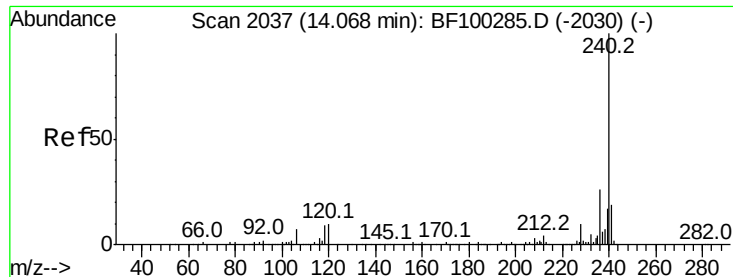
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#74
 Fluoranthene
 Concen: 11.326 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BF100752.D
 Acq: 21 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	16.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100752.D

Acq: 21 Nov 2017 1:14

Instrument :

BNA_F

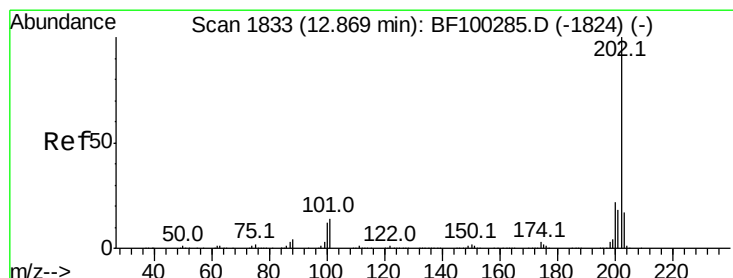
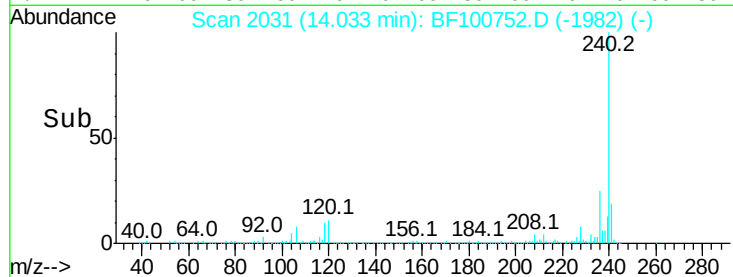
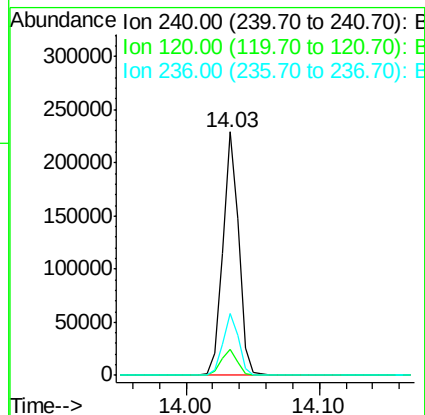
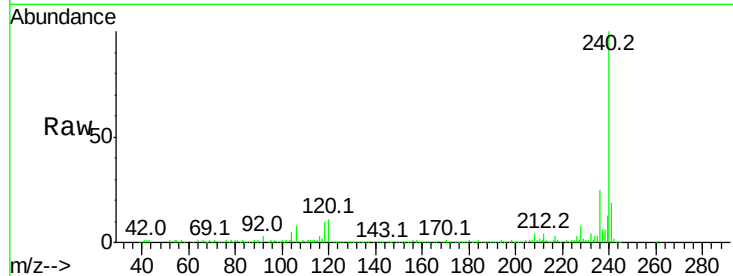
ClientSampleId :

OR-01-111717

Tot Ion:	240	Resp:	193566
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	25.2	20.7	31.1

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#77

Pyrene

Concen: 9.232 ng

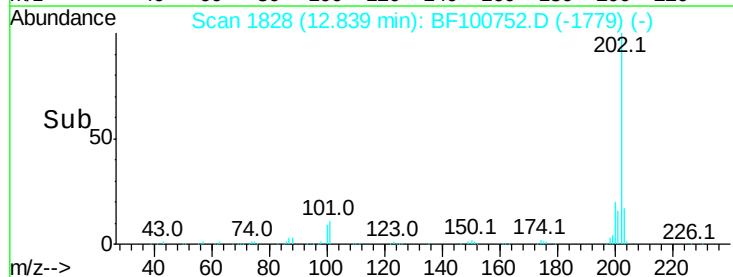
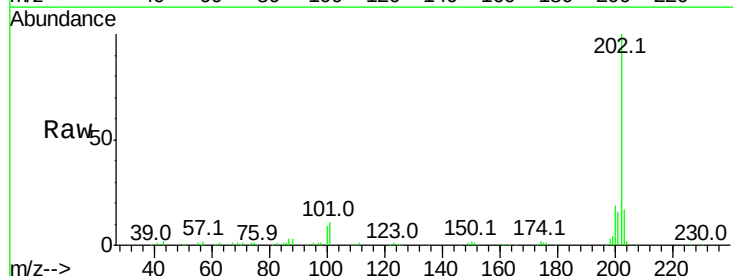
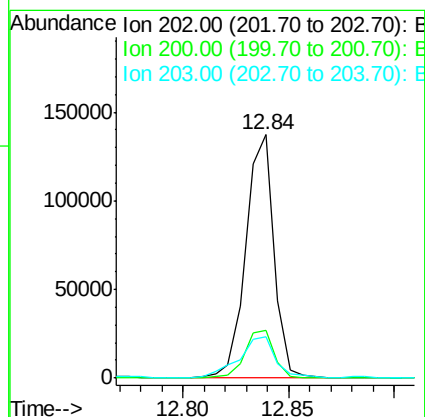
RT: 12.84 min Scan# 1828

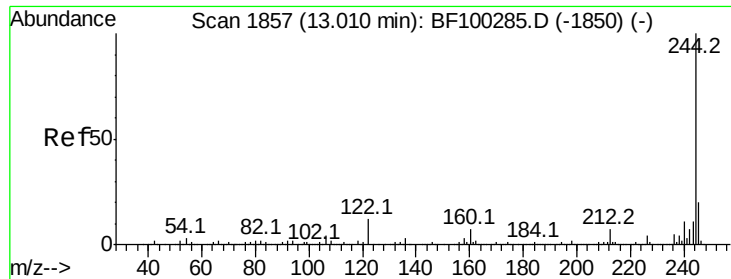
Delta R.T. -0.01 min

Lab File: BF100752.D

Acq: 21 Nov 2017 1:14

Tgt Ion:	202	Resp:	127380
Ion Ratio	Lower	Upper	
202	100		
200	19.4	17.4	26.2
203	17.1	14.3	21.5





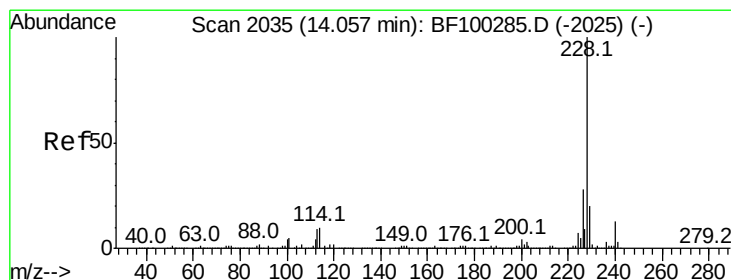
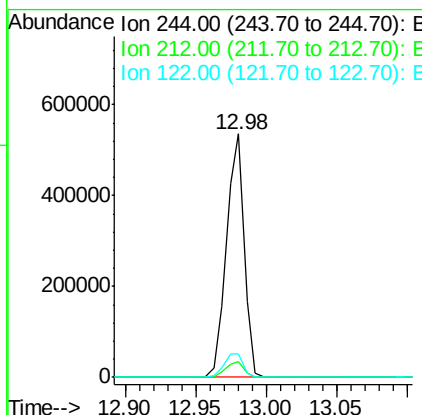
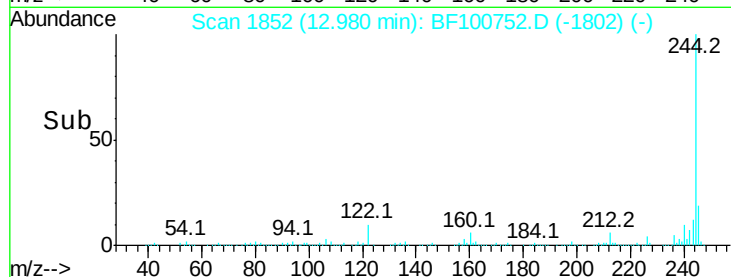
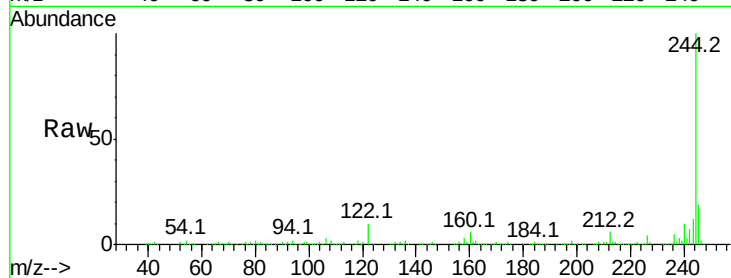
#78
 Terphenyl-d14
 Concen: 55.309 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF100752.D
 Acq: 21 Nov 2017 1:14

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	9.8	11.0	16.4

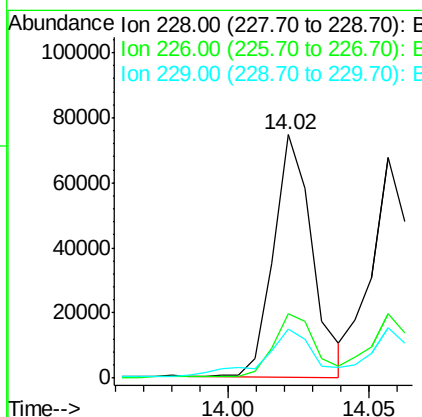
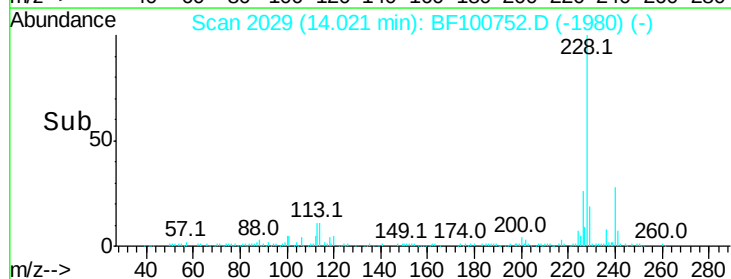
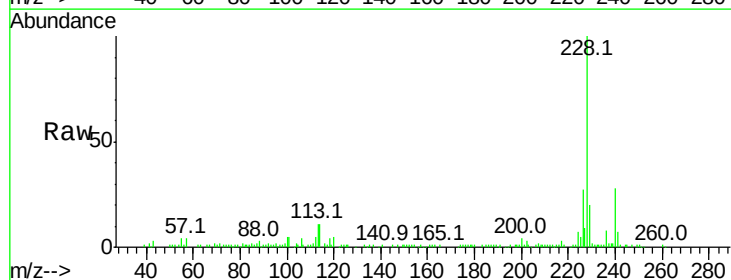
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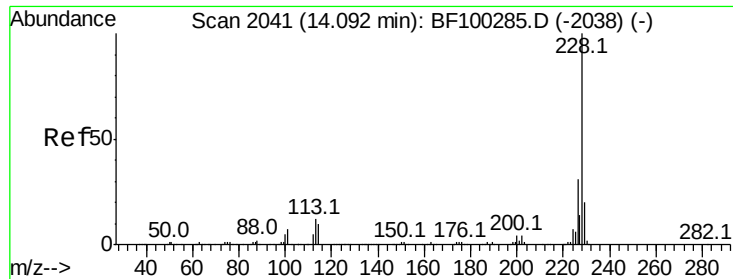
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#80
 Benzo(a)anthracene
 Concen: 6.089 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF100752.D
 Acq: 21 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	20.2	15.8	23.6





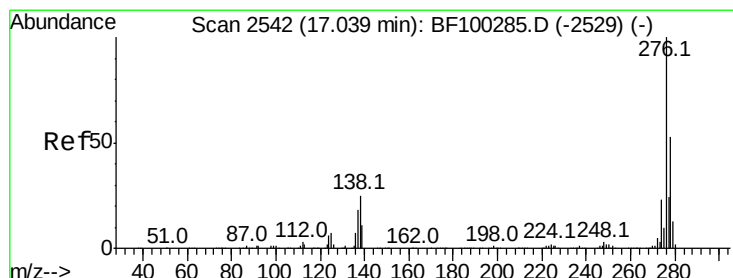
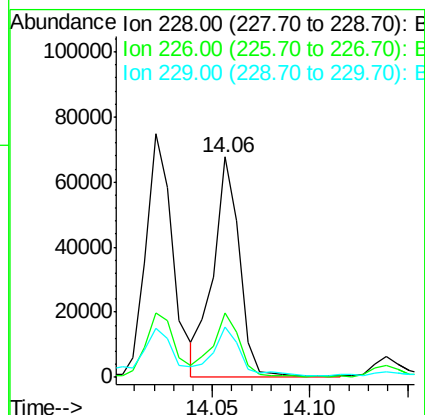
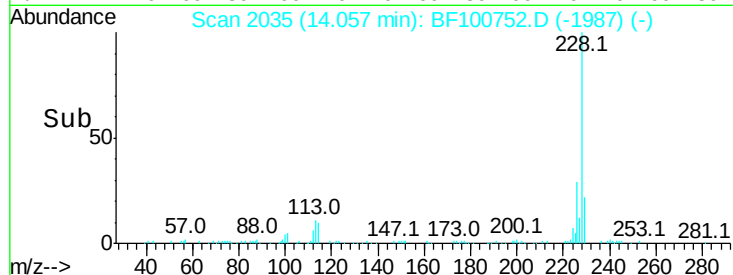
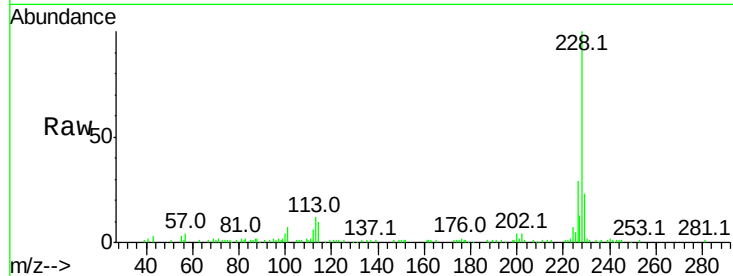
#82
Chrysene
Concen: 5.562 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	22.7	16.2	24.4

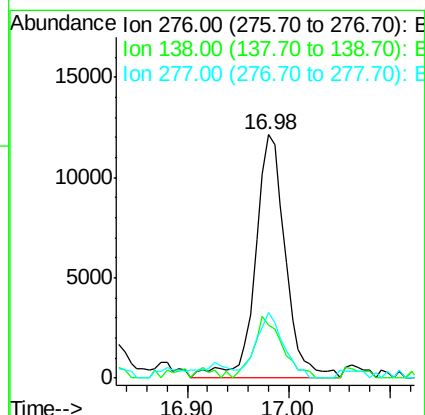
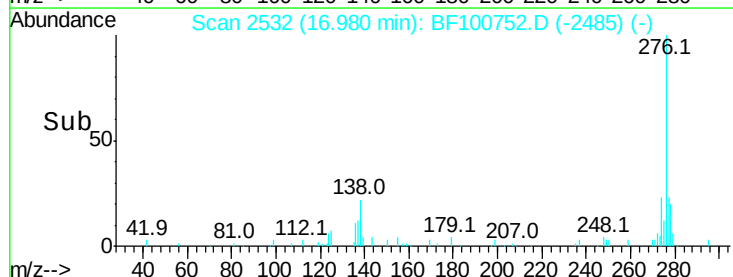
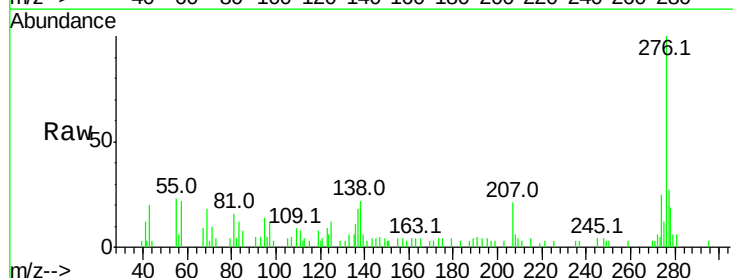
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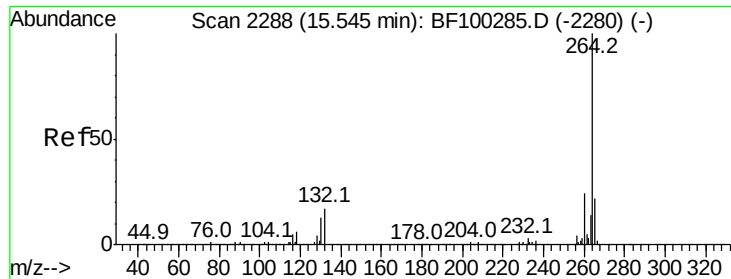
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.746 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	25.0	37.6#
277	24.9	20.1	30.1





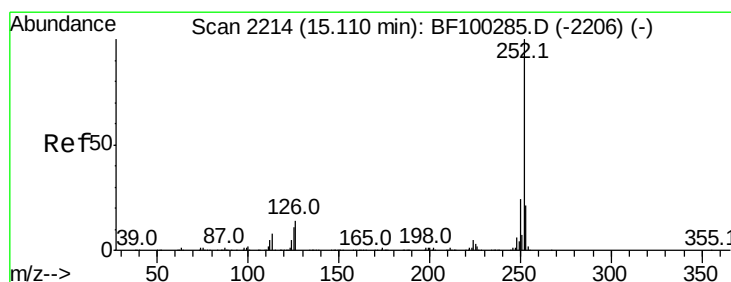
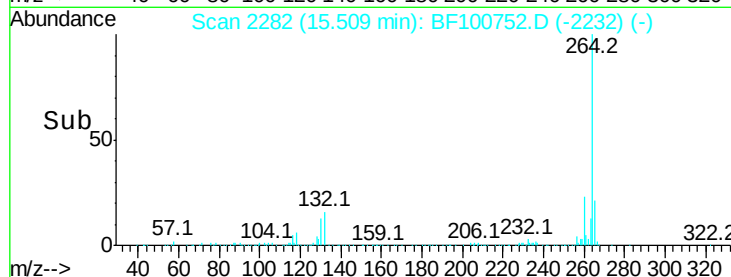
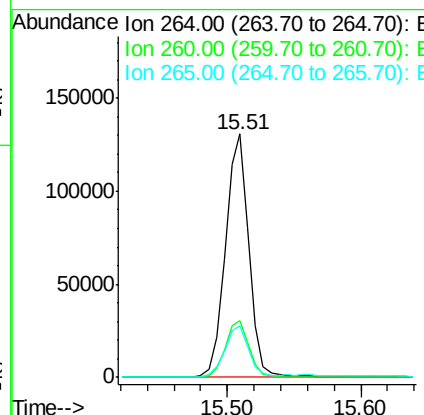
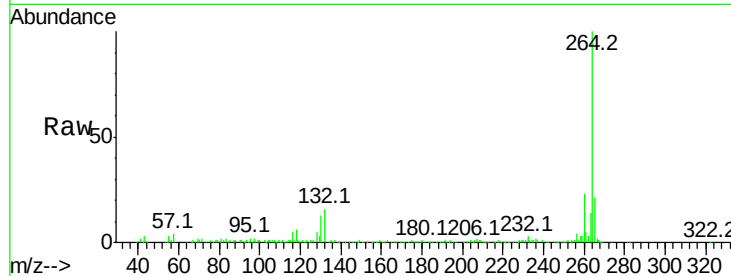
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3

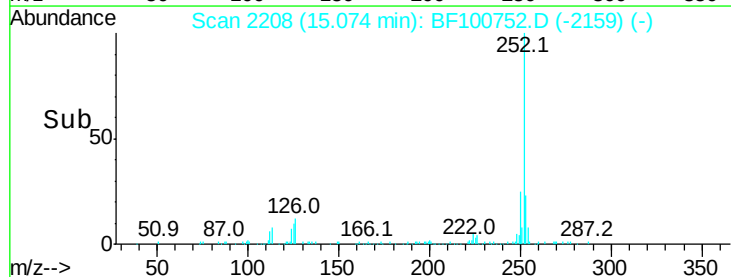
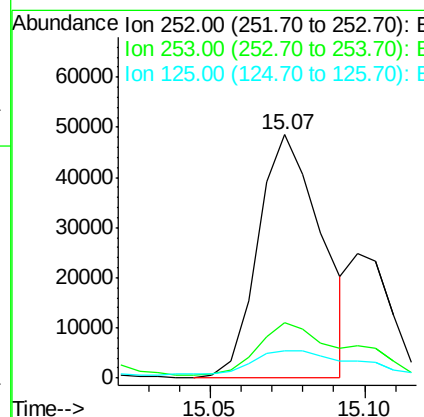
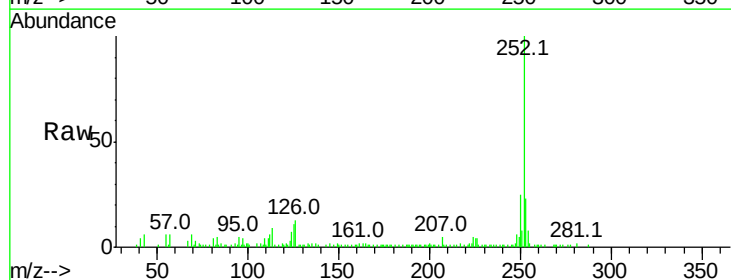
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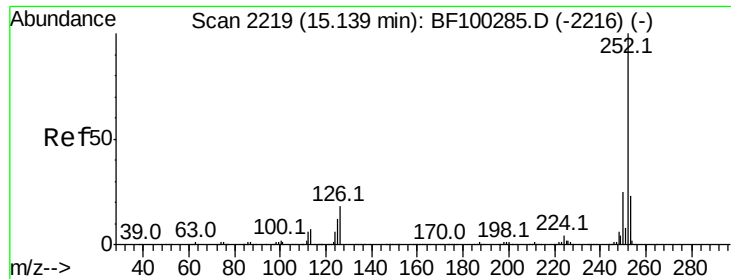
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#87
Benzo(b)fluoranthene
Concen: 7.273 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	11.1	9.0	13.6





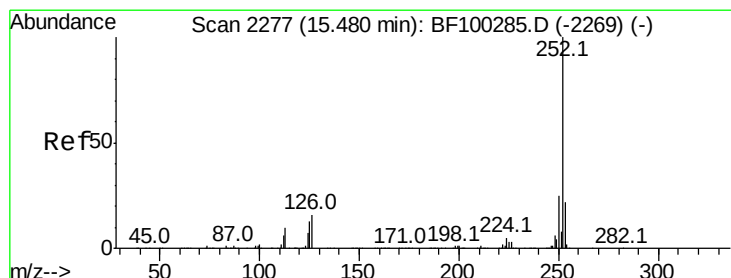
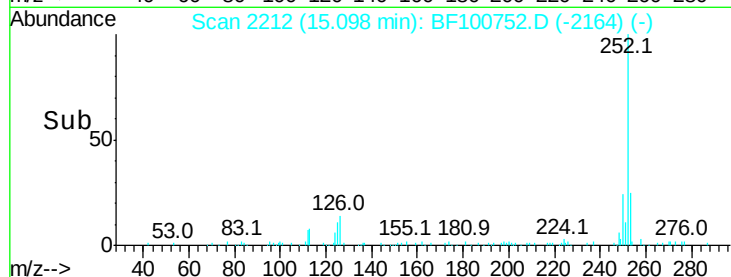
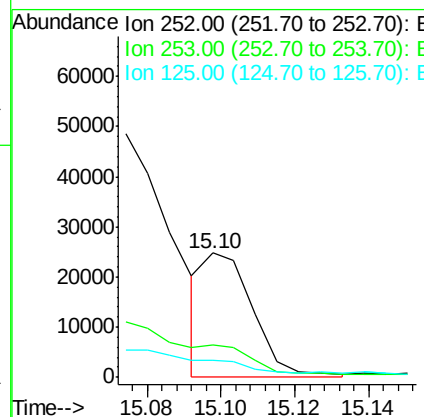
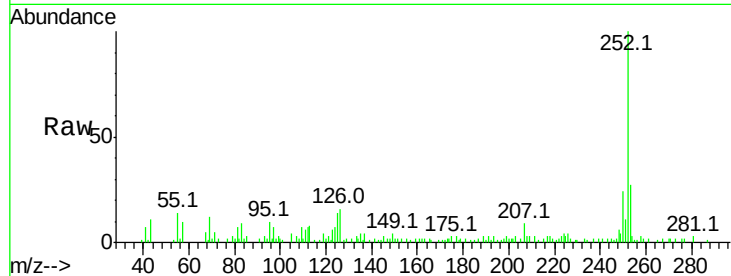
#88
Benzo(k)fluoranthene
Concen: 2.596 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Instrument :
BNA_F
ClientSampleId :
OR-01-111717

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.9	26.9
125	13.6	10.2	15.2

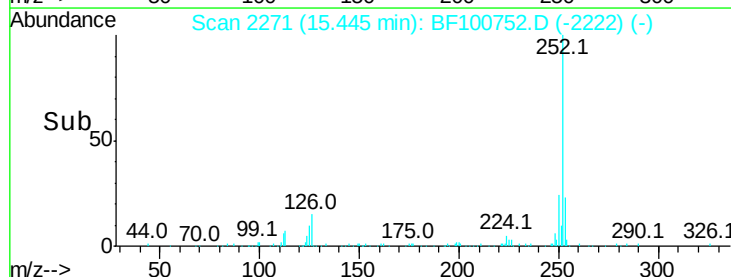
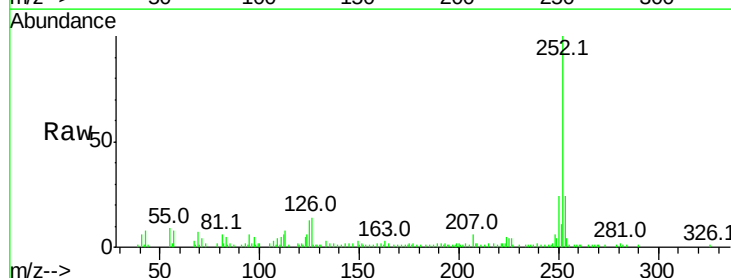
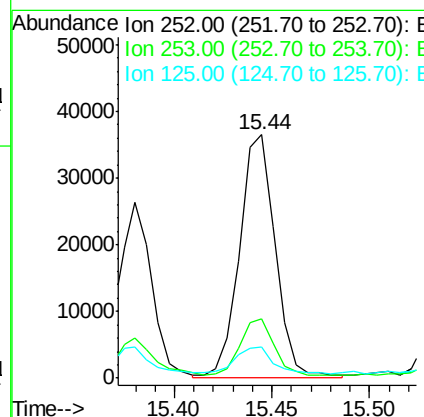
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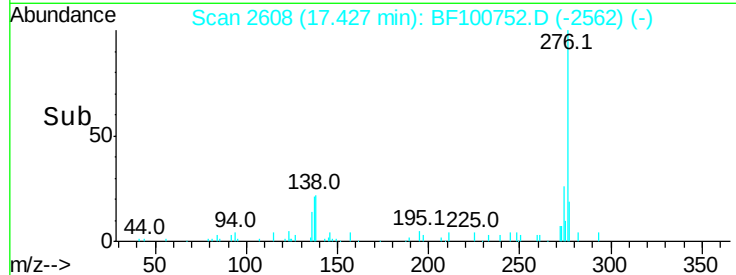
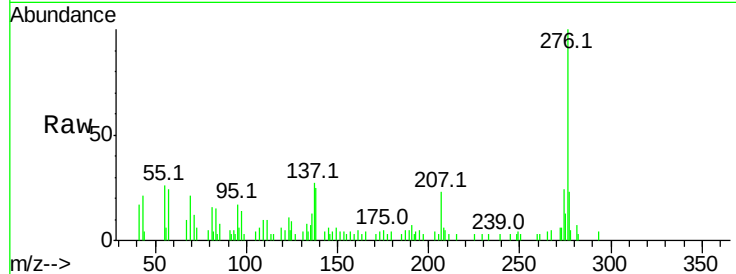
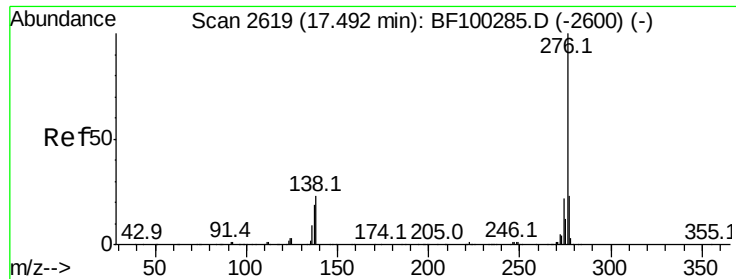
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#89
Benzo(a)pyrene
Concen: 5.509 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100752.D
Acq: 21 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	12.6	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.292 ng
 RT: 17.43 min Scan# 2608
 Delta R.T. -0.03 min
 Lab File: BF100752.D
 Acq: 21 Nov 2017 1:14

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111717

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	24.5	21.8	32.8

Manual Integrations
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