

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100782.D
 Acq On : 21 Nov 2017 16:05
 Operator : SJ/JU
 Sample : I6340-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HL-5A

Manual Integrations
 APPROVED

Sohil
 11/22/2017 5:04:13 PM

Quant Time: Nov 22 06:03:12 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	92001	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	359566	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	161883	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	285791	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	182679	20.00	ng	-0.01
86) Perylene-d12	15.51	264	206155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	511773	89.17	ng	0.00
7) Phenol-d6	6.50	99	613564	86.69	ng	-0.01
23) Nitrobenzene-d5	7.43	82	366437	67.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	139926	84.82	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	564664	53.11	ng	-0.01
78) Terphenyl-d14	12.97	244	352083	44.28	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.62	163	199650	16.153	ng	99
70) Phenanthrene	11.42	178	68569	4.557	ng	95
74) Fluoranthene	12.60	202	127993	8.026	ng	95
77) Pyrene	12.83	202	95342	7.322	ng	99
79) Butylbenzylphthalate	13.45	149	43342	8.161	ng	# 85
80) Benzo(a)anthracene	14.02	228	30929	2.812	ng	97
82) Chrysene	14.06	228	50728	4.762	ng	96
83) Bis(2-ethylhexyl)phthalate	14.00	149	49749	7.123	ng	99
85) Indeno(1,2,3-cd)pyrene	16.99	276	28991	3.365	ng	# 86
87) Benzo(b)fluoranthene	15.07	252	65118m	5.332	ng	
89) Benzo(a)pyrene	15.44	252	36891	3.407	ng	# 91
91) Benzo(a,h,i)perylene	17.43	276	28954	3.340	ng	98

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

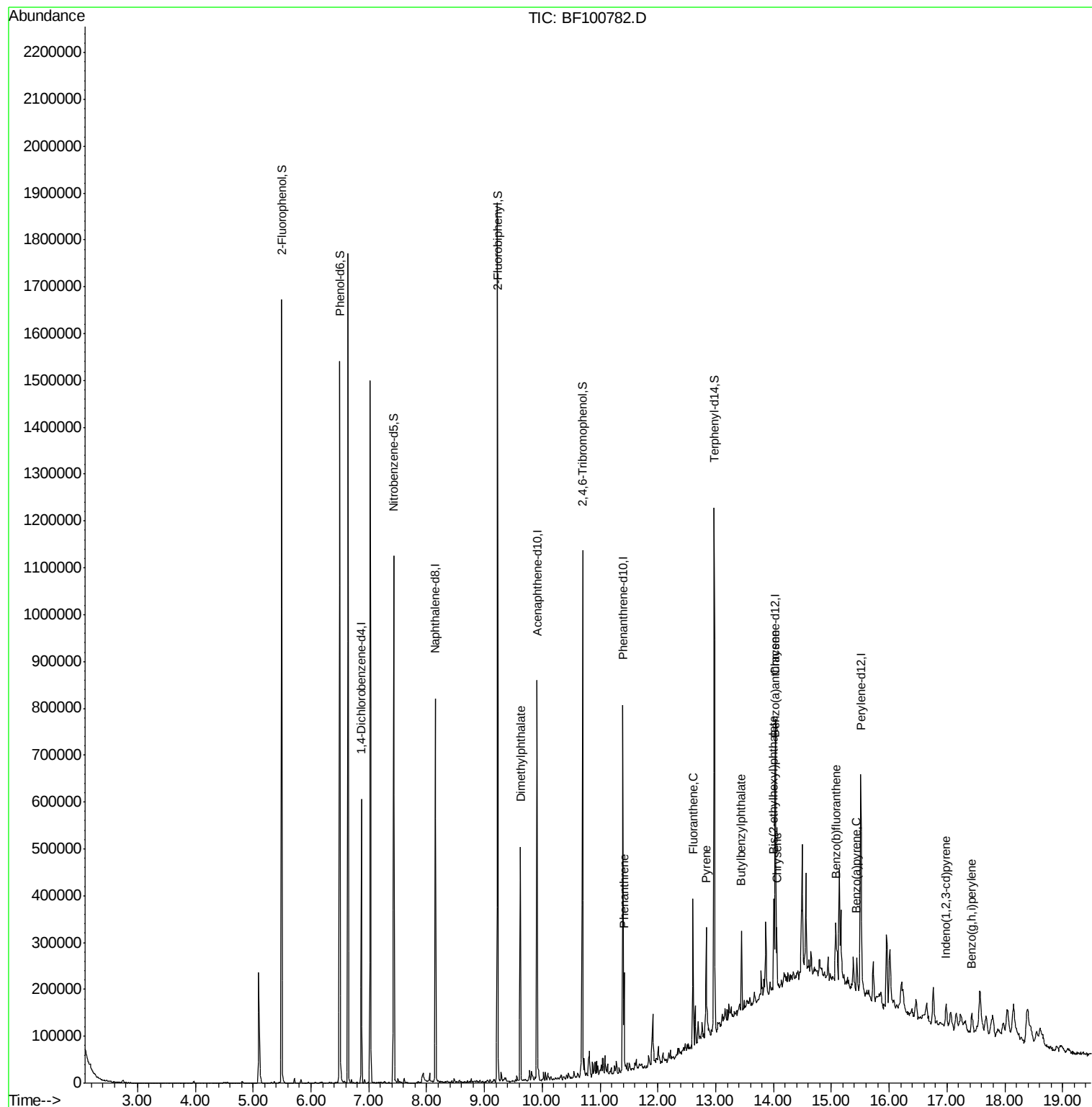
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
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Acq On : 21 Nov 2017 16:05
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#1

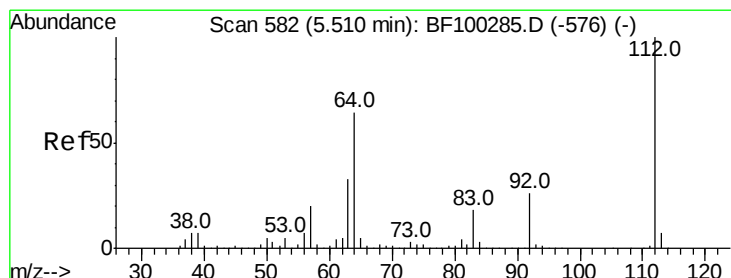
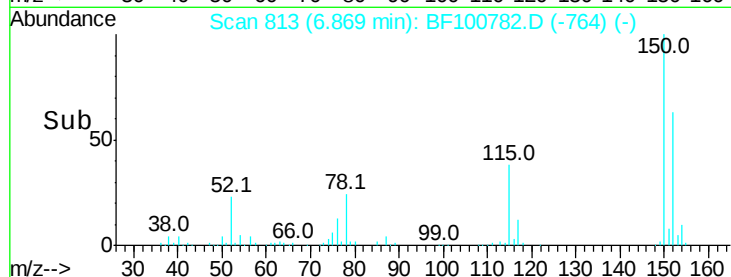
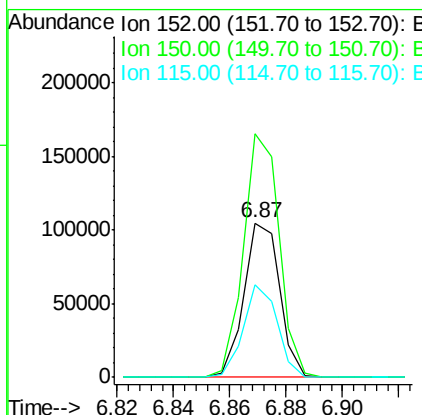
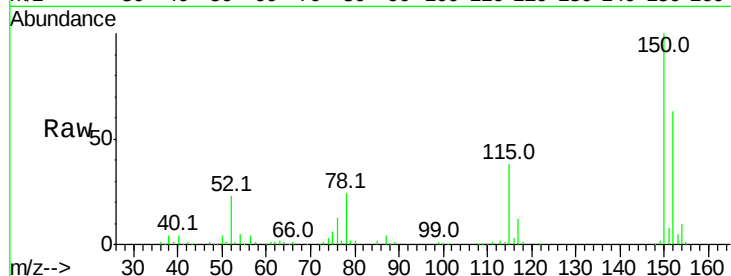
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100782.D
Acq: 21 Nov 2017 16:05

Instrument :
BNA_F
ClientSampled :
HL-5A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	60.2	50.1	75.1

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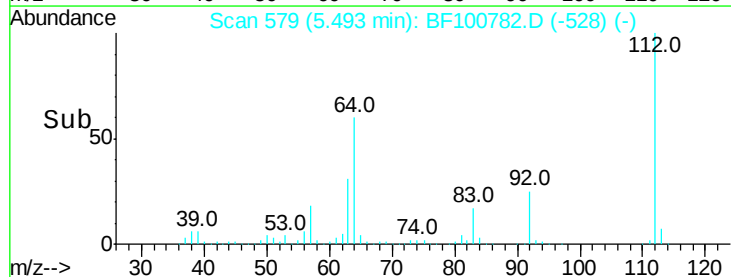
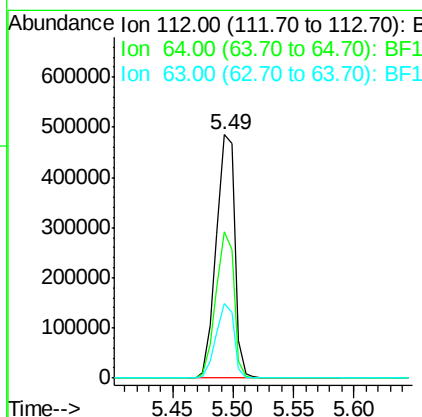
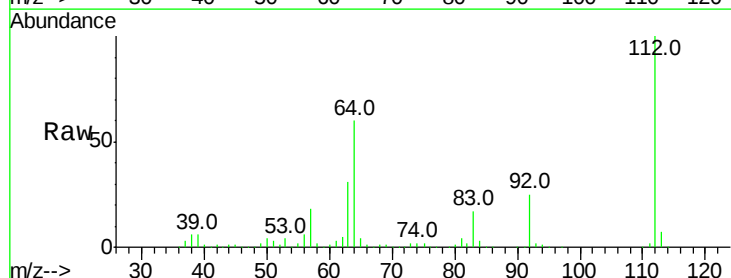
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#5

2-Fluorophenol
Concen: 89.169 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF100782.D
Acq: 21 Nov 2017 16:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	30.8	23.7	35.5





#7

Phenol-d6

Concen: 86.694 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100782.D

Acq: 21 Nov 2017 16:05

Instrument :

BNA_F

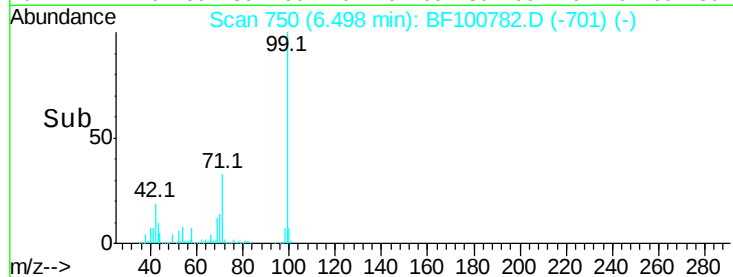
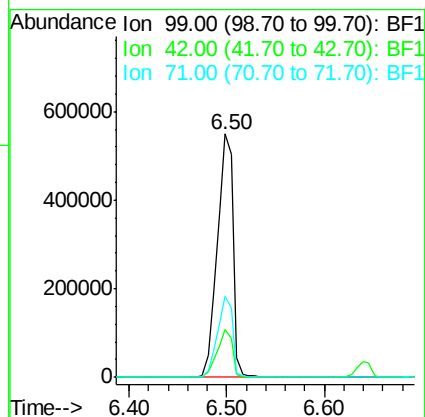
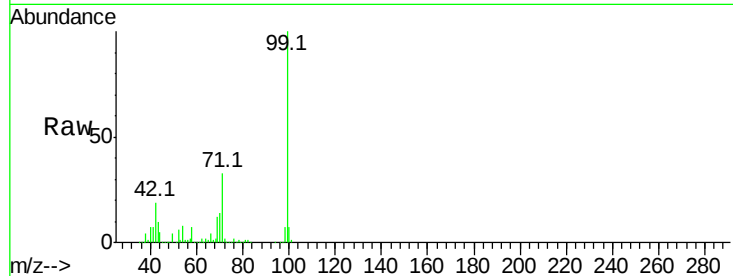
ClientSampled :

HL-5A

Tot Ion:	99	Resp:	613564
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.5	21.7
71	33.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

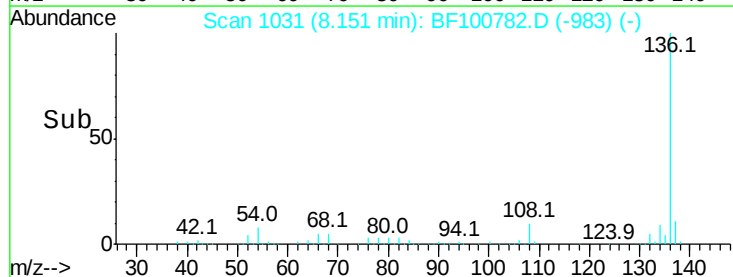
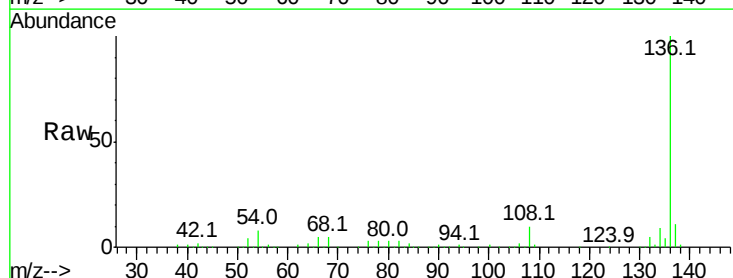
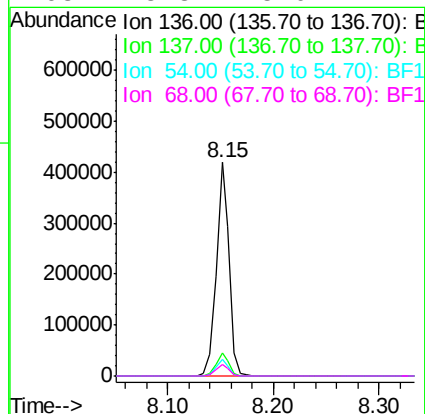
RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF100782.D

Acq: 21 Nov 2017 16:05

Tgt Ion:	136	Resp:	359566
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	5.3	5.0	7.4





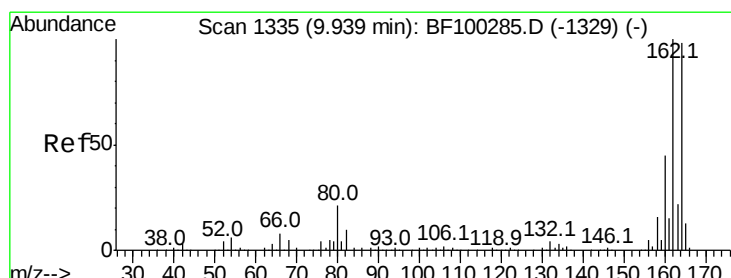
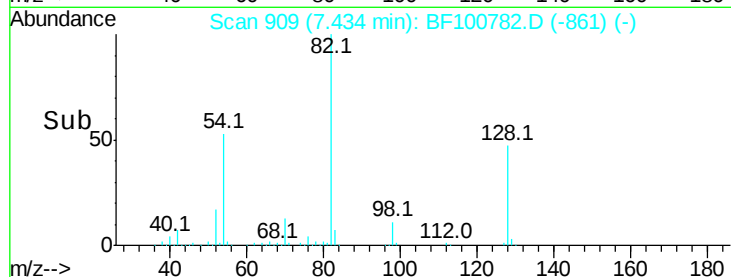
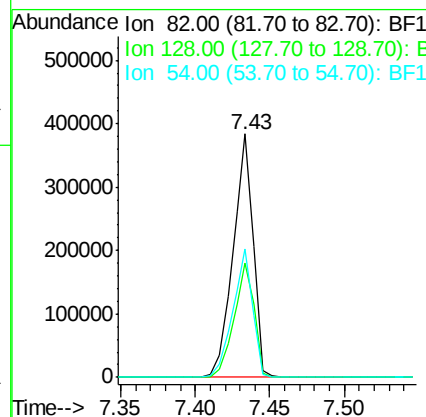
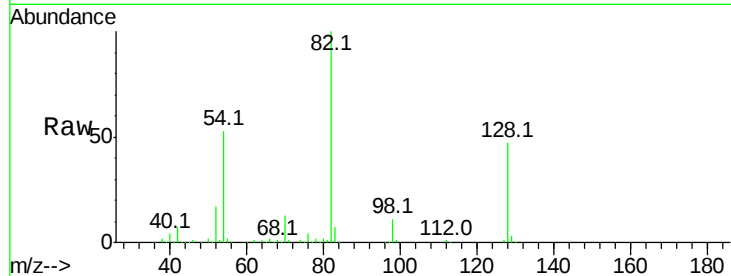
#23
Nitrobenzene-d5
Concen: 67.377 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100782.D
Acq: 21 Nov 2017 16:05

Instrument :
BNA_F
ClientSampled :
HL-5A

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.7	36.1	54.1	
54	52.8	41.4	62.2	

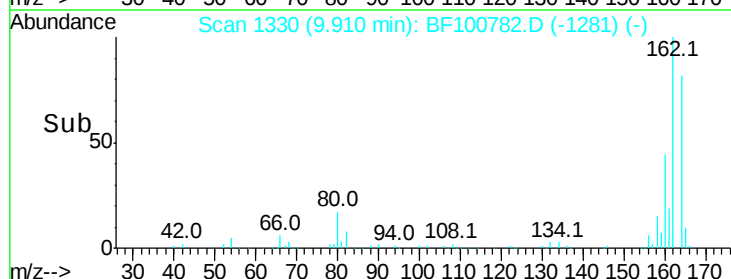
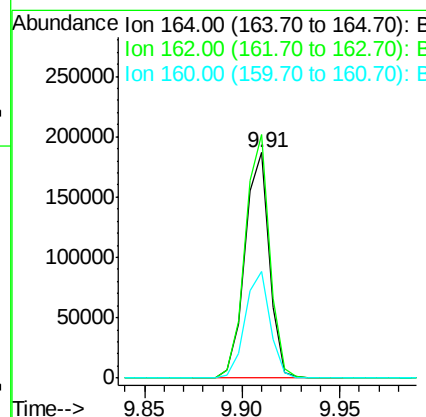
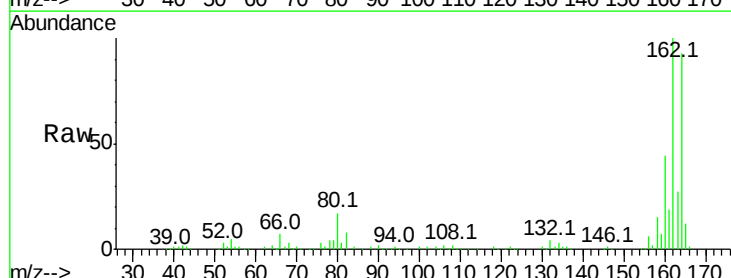
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100782.D
Acq: 21 Nov 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	107.9	86.1	129.1	
160	47.1	38.3	57.5	





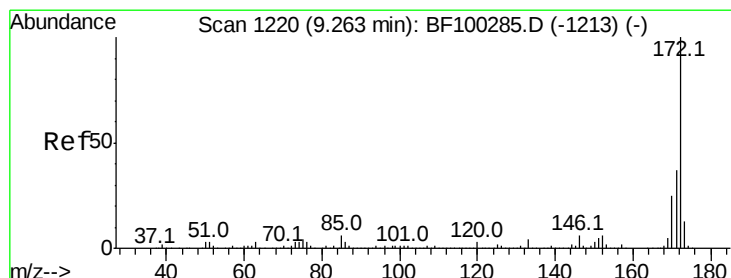
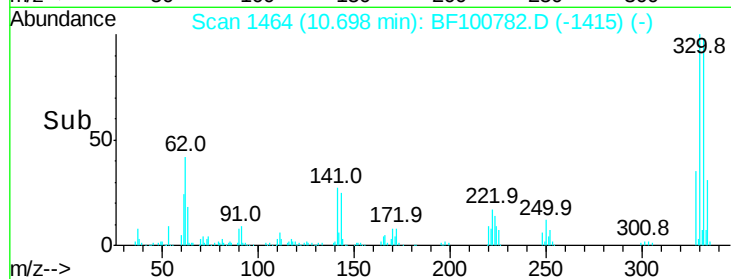
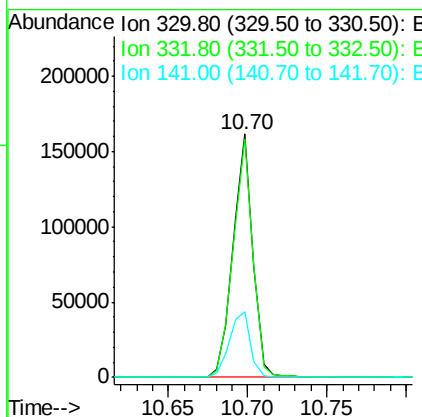
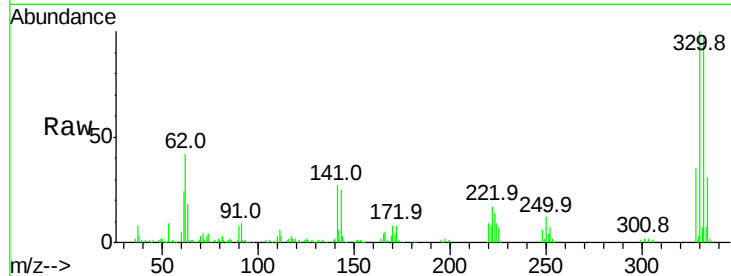
#41
 2,4,6-Tribromophenol
 Concen: 84.825 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100782.D
 Acq: 21 Nov 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 HL-5A

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.6	77.0	115.6	
141	28.9	29.9	44.9#	

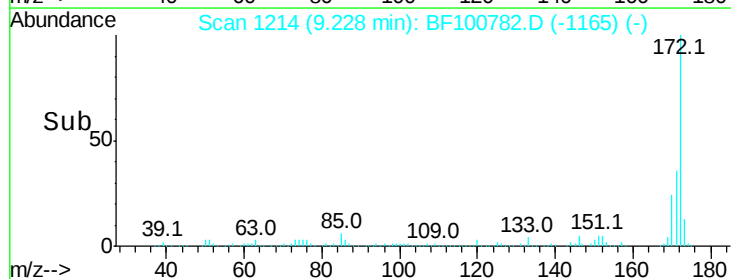
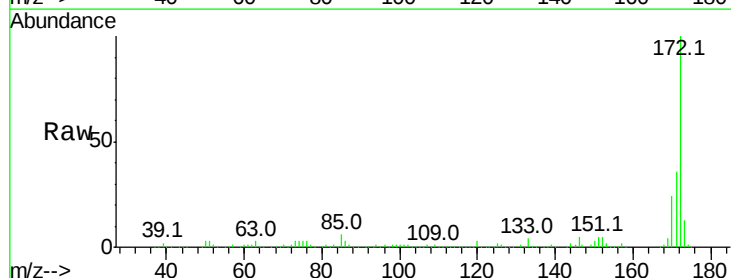
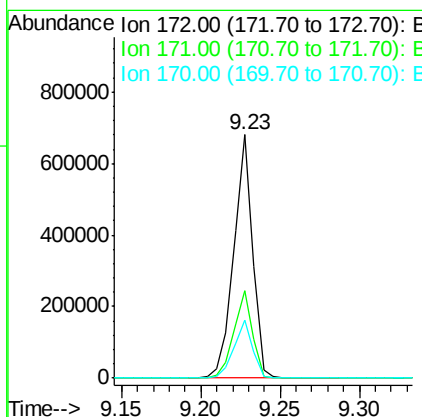
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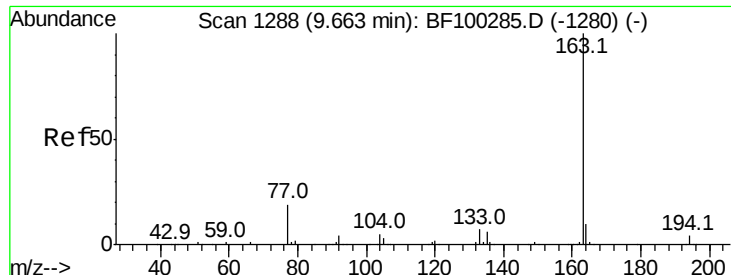
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#44
 2-Fluorobiphenyl
 Concen: 53.114 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100782.D
 Acq: 21 Nov 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.7	44.5	
170	23.6	19.6	29.4	





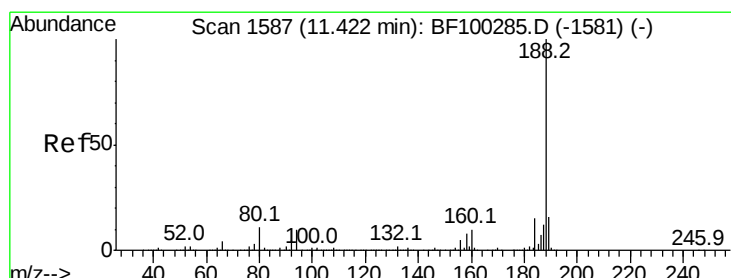
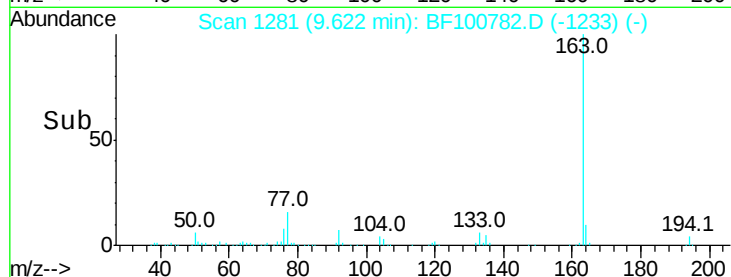
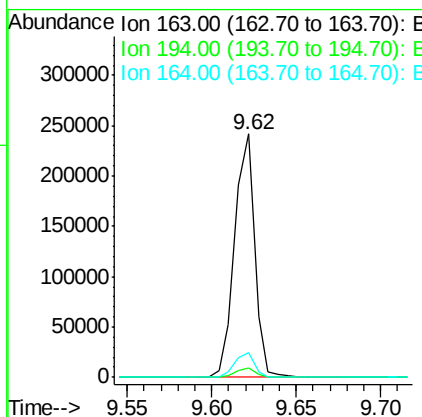
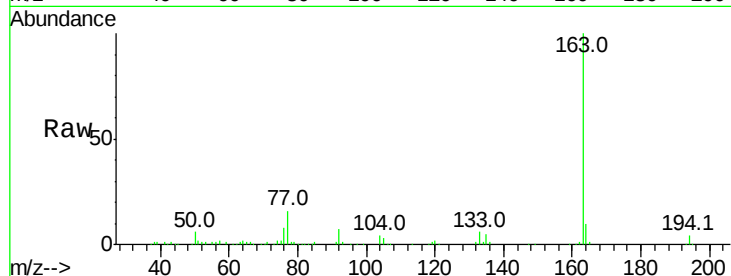
#49
Dimethylphthalate
Concen: 16.153 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF100782.D
Acq: 21 Nov 2017 16:05

Instrument :
BNA_F
ClientSampleId :
HL-5A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	199650		
194	3.6		2.7	4.1
164	9.9		8.2	12.2

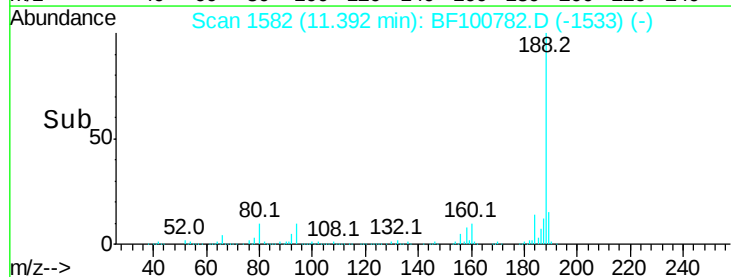
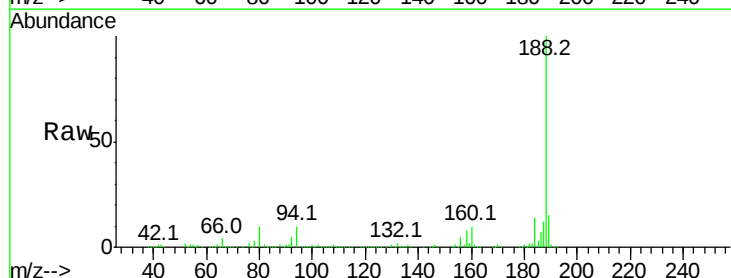
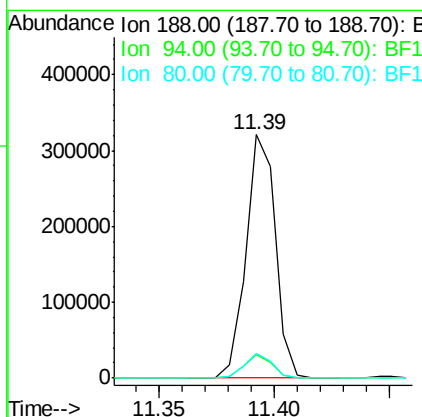
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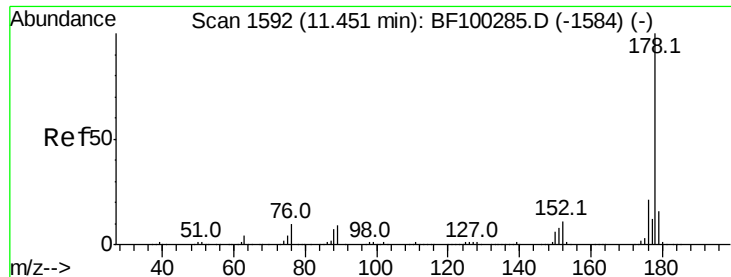
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100782.D
Acq: 21 Nov 2017 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	285791		
94	9.6		8.5	12.7
80	10.1		9.2	13.8





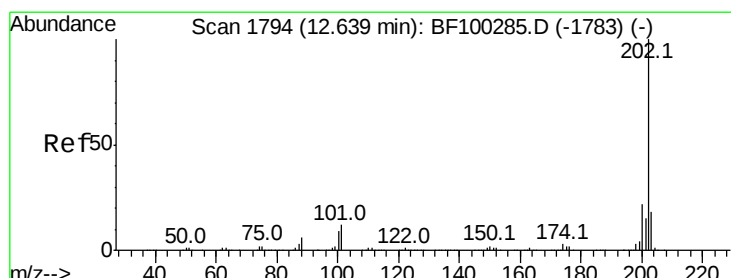
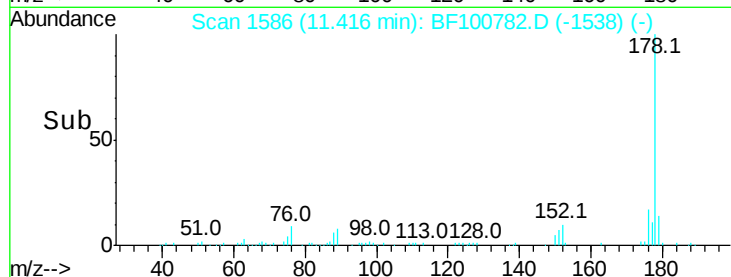
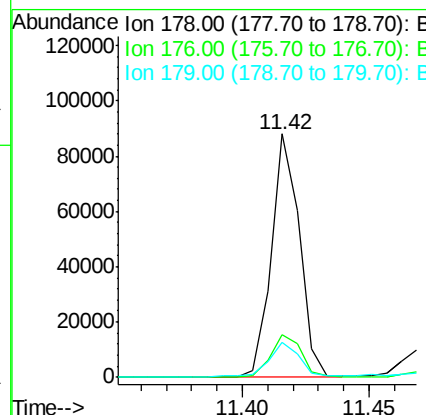
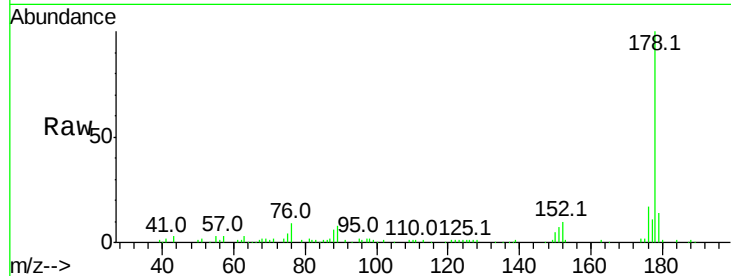
#70
Phenanthrene
Concen: 4.557 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF100782.D
Acq: 21 Nov 2017 16:05

Instrument :
BNA_F
ClientSampleId :
HL-5A

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.8	23.8
179	14.4	13.0	19.6

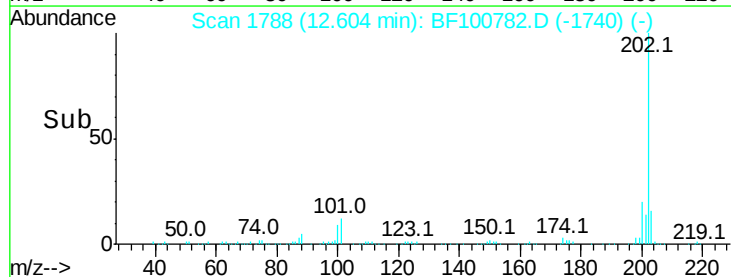
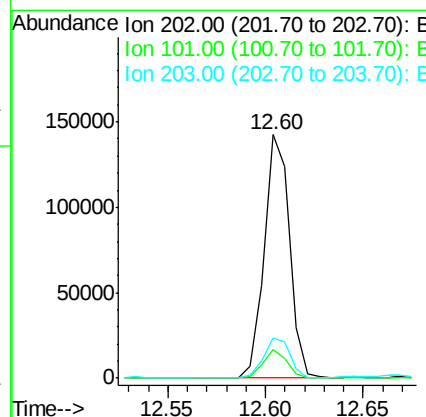
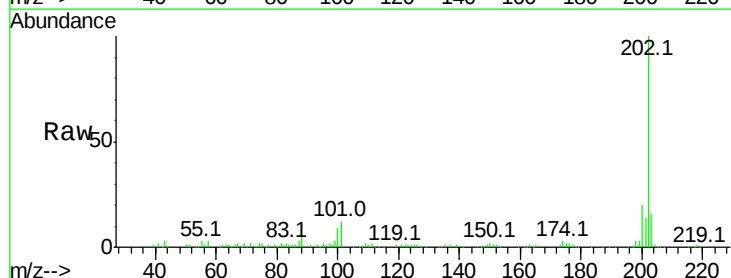
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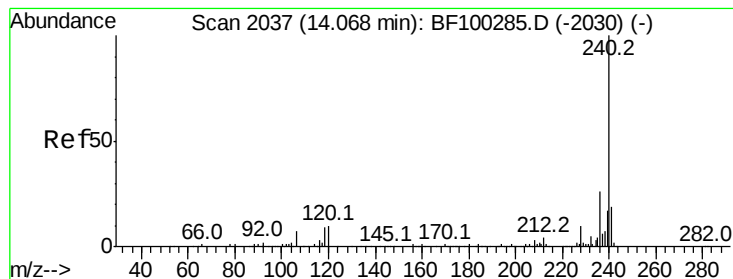
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#74
Fluoranthene
Concen: 8.026 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF100782.D
Acq: 21 Nov 2017 16:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	16.4	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: BF100782.D

Acq: 21 Nov 2017 16:05

Instrument :

BNA_F

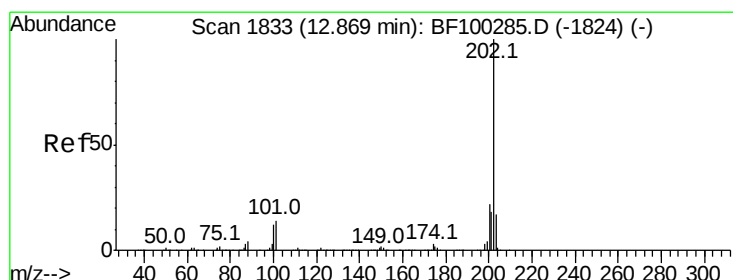
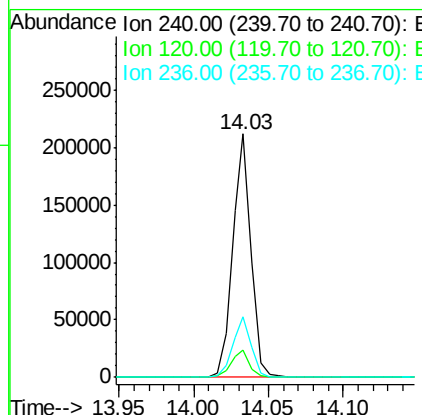
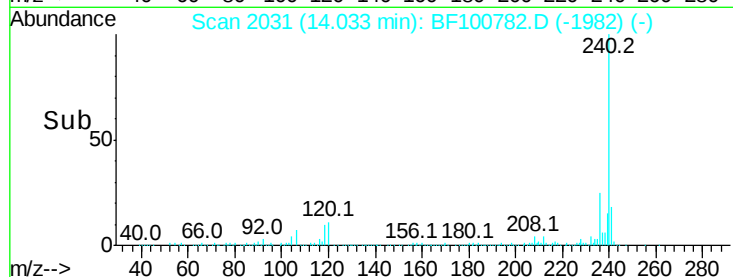
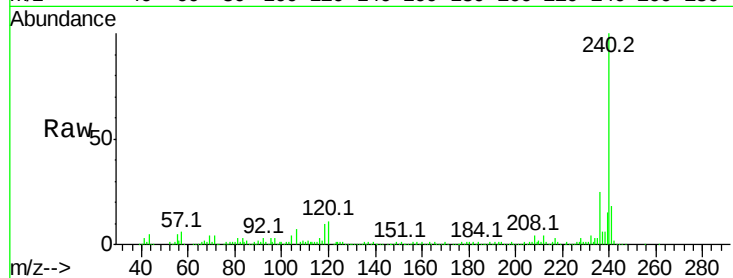
ClientSampleId :

HL-5A

Tot Ion:	240	Resp:	182679
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.5	14.3
236	24.9	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 7.322 ng

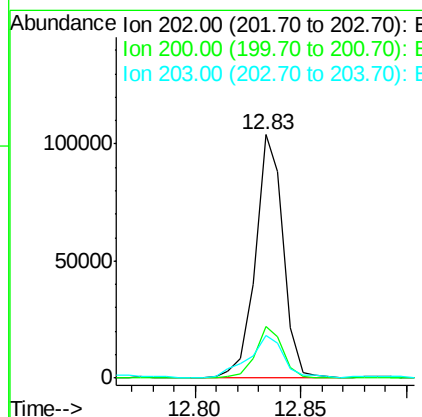
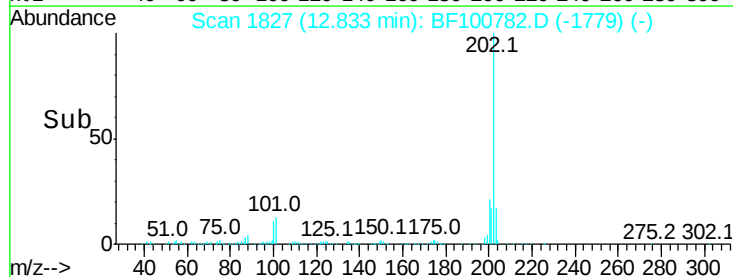
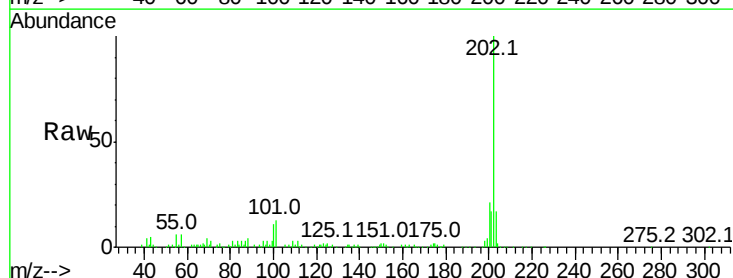
RT: 12.83 min Scan# 1827

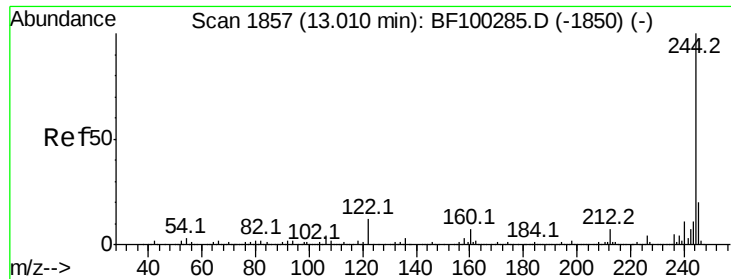
Delta R.T. -0.02 min

Lab File: BF100782.D

Acq: 21 Nov 2017 16:05

Tgt Ion:	202	Resp:	95342
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	17.5	14.3	21.5





#78

Terphenyl-d14

Concen: 44.284 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF100782.D

Acq: 21 Nov 2017 16:05

Instrument :

BNA_F

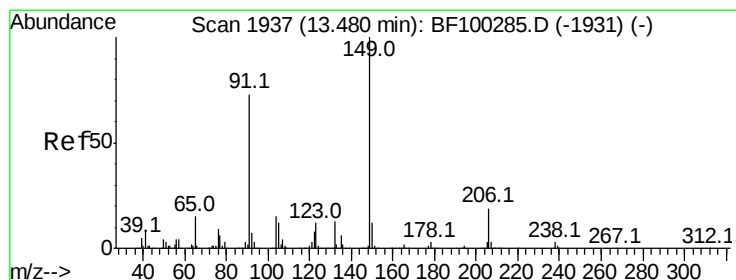
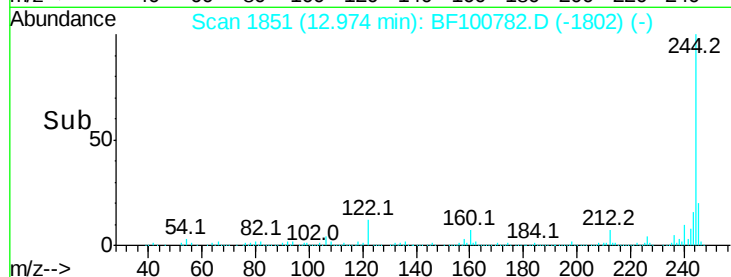
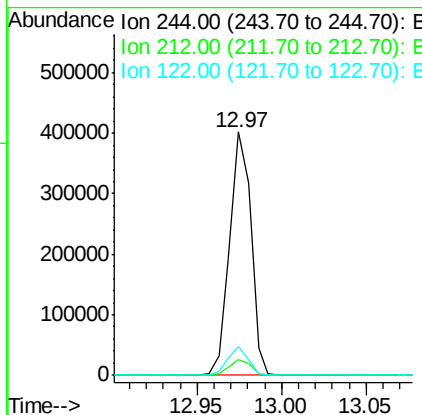
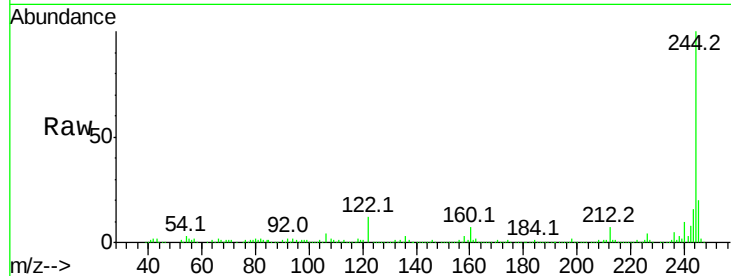
ClientSampled :

HL-5A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.7	11.0	16.4

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#79

Butylbenzylphthalate

Concen: 8.161 ng

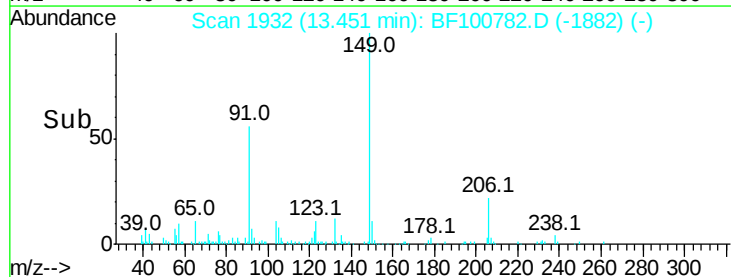
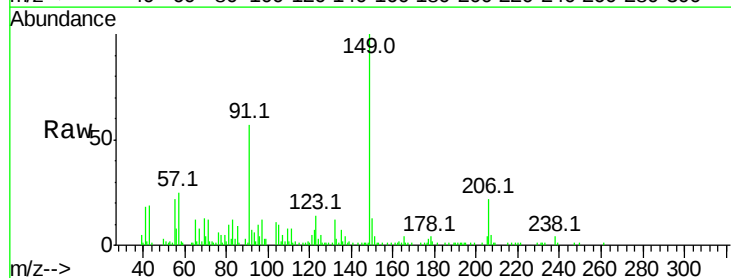
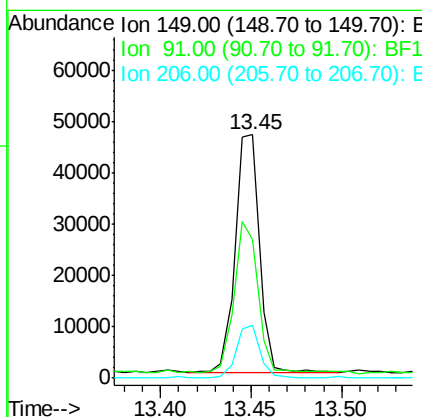
RT: 13.45 min Scan# 1932

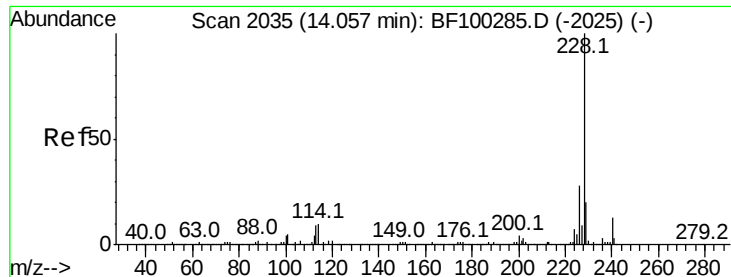
Delta R.T. -0.01 min

Lab File: BF100782.D

Acq: 21 Nov 2017 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	57.0	56.8	85.2
206	21.8	14.1	21.1#





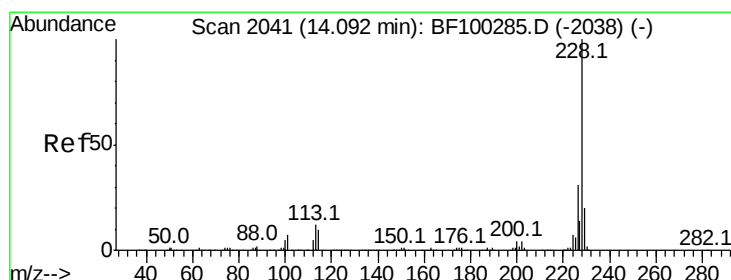
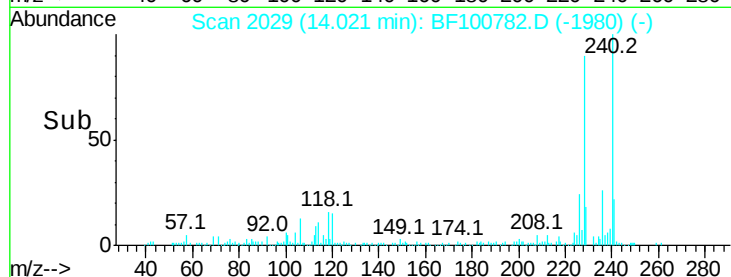
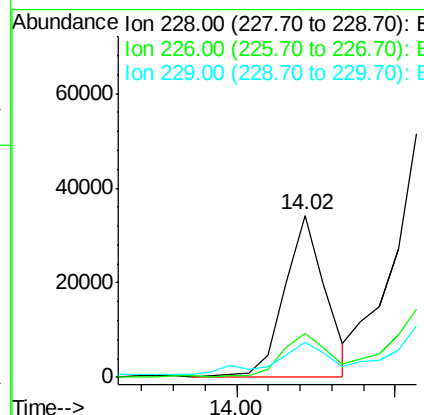
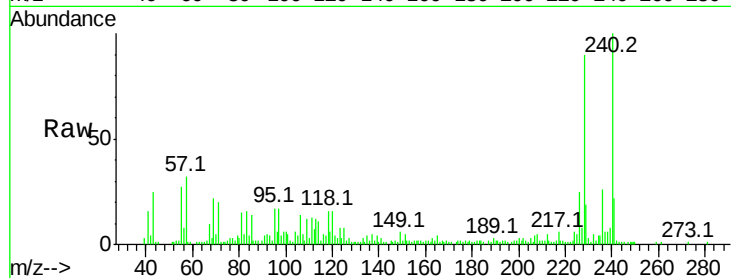
#80
Benzo(a)anthracene
Concen: 2.812 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100782.D
Acq: 21 Nov 2017 16:05

Instrument :
BNA_F
ClientSampleId :
HL-5A

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	21.7	15.8	23.6

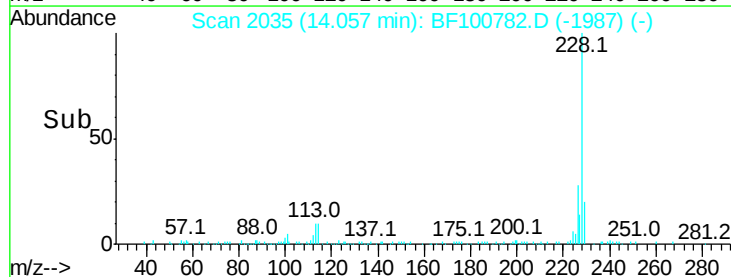
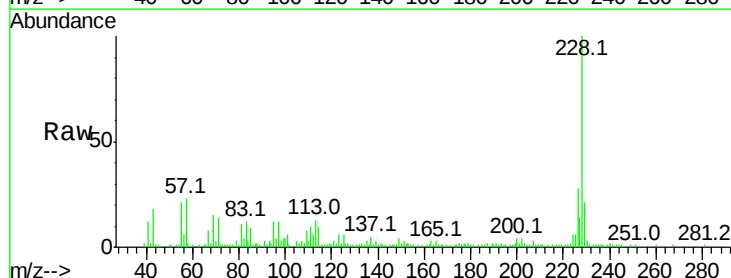
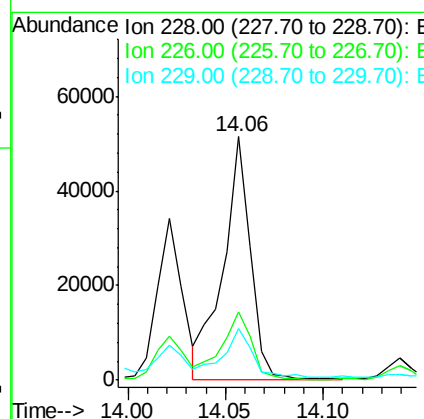
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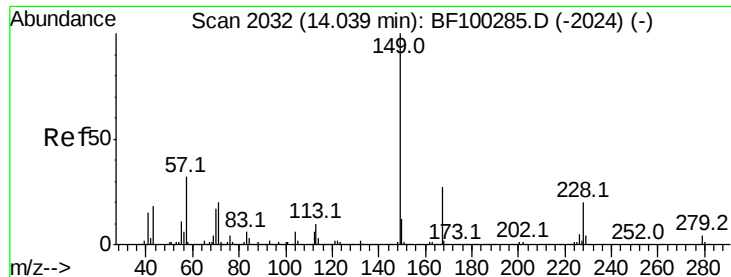
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#82
Chrysene
Concen: 4.762 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF100782.D
Acq: 21 Nov 2017 16:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	25.0	37.6
229	21.2	16.2	24.4





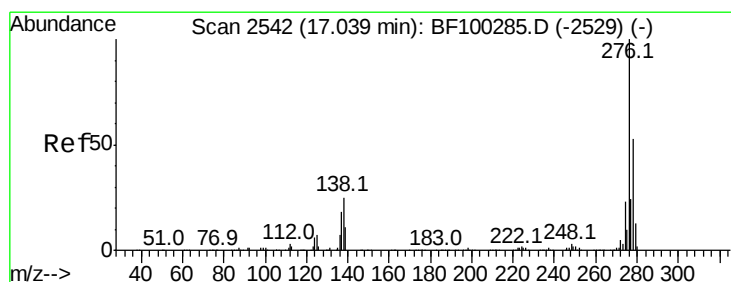
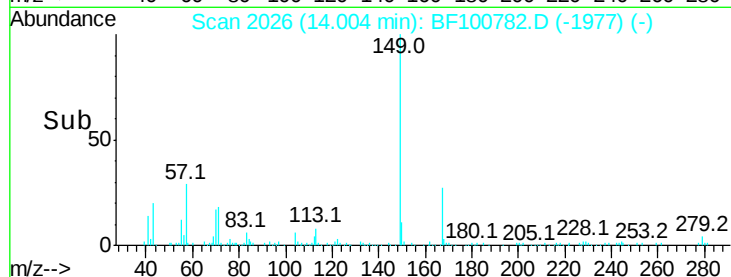
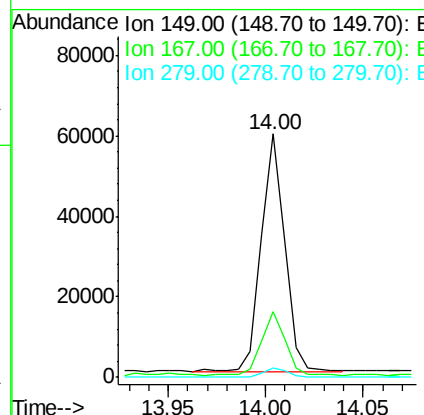
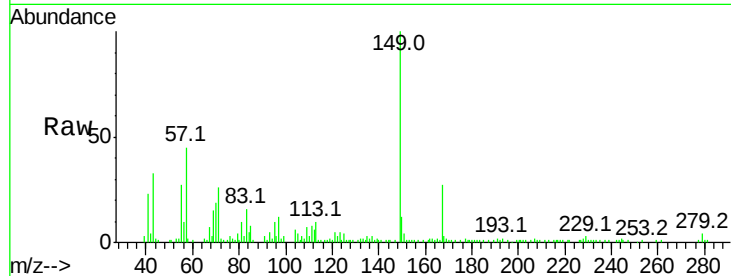
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.123 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF100782.D
 Acq: 21 Nov 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 HL-5A

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.8	3.0	4.4

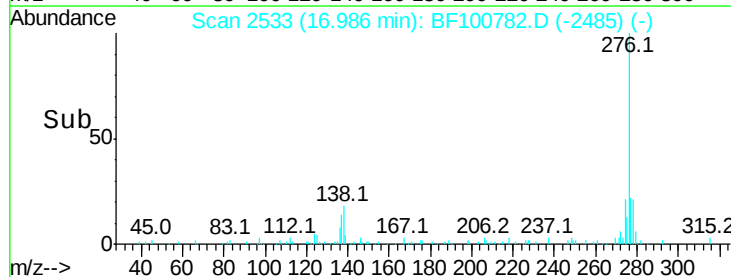
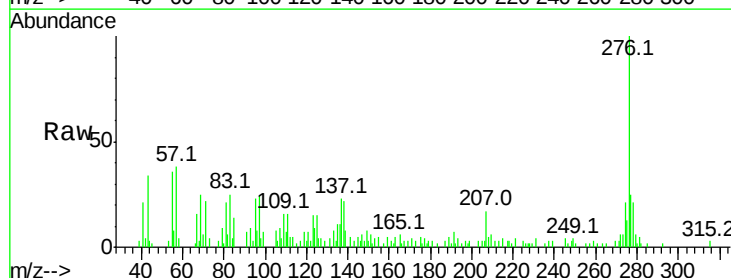
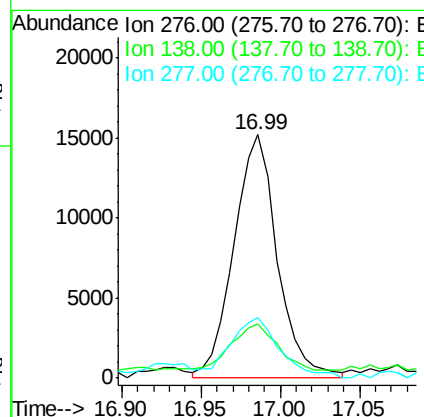
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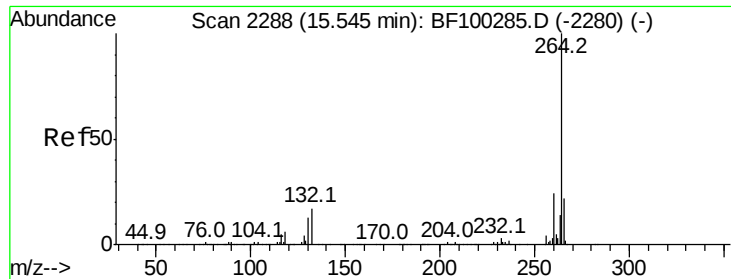
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.365 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. -0.02 min
 Lab File: BF100782.D
 Acq: 21 Nov 2017 16:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	25.0	37.6#
277	28.9	20.1	30.1





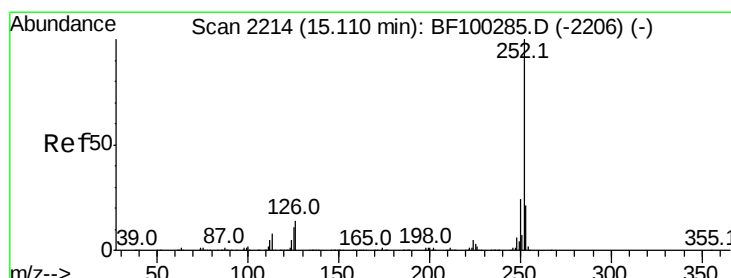
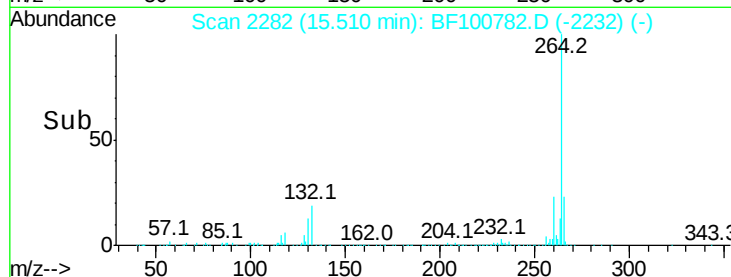
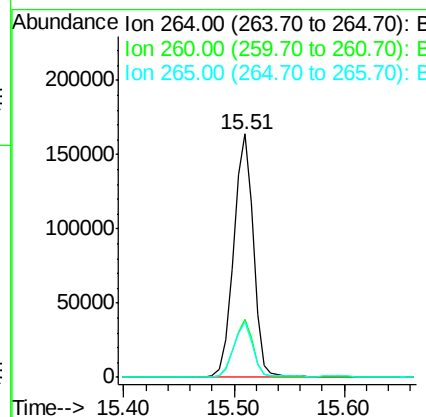
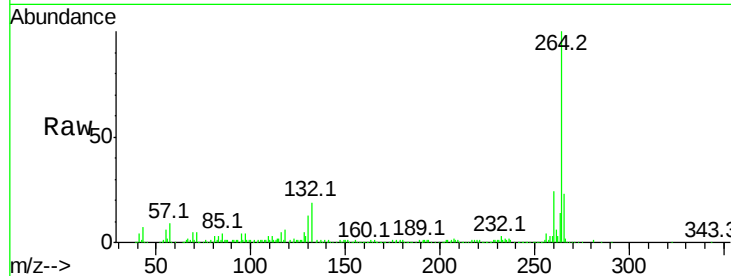
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF100782.D
 Acq: 21 Nov 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 HL-5A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.8	17.5	26.3

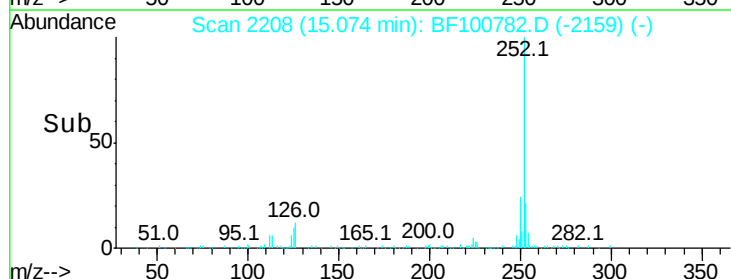
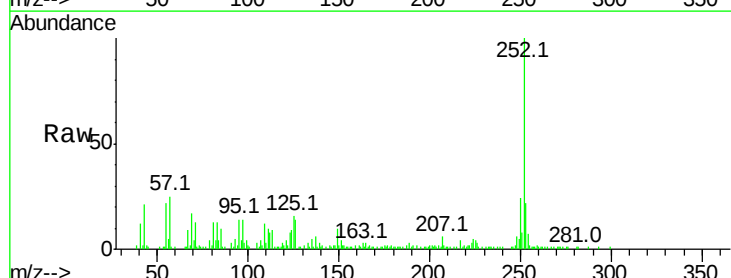
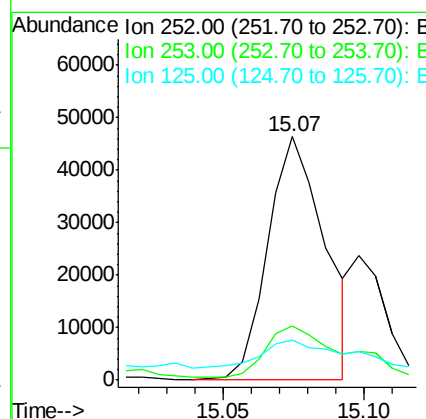
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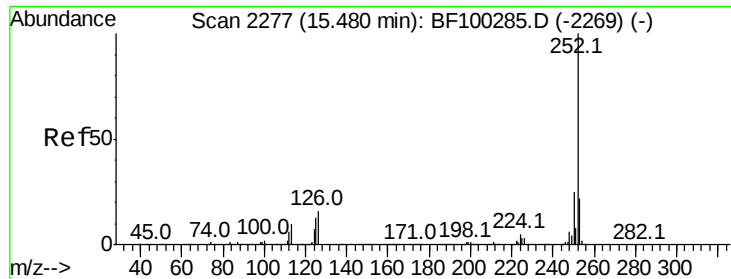
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#87
 Benzo(b)fluoranthene
 Concen: 5.332 ng m
 RT: 15.07 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BF100782.D
 Acq: 21 Nov 2017 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	16.5	9.0	13.6





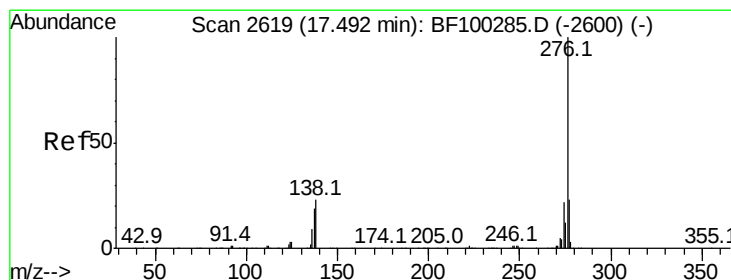
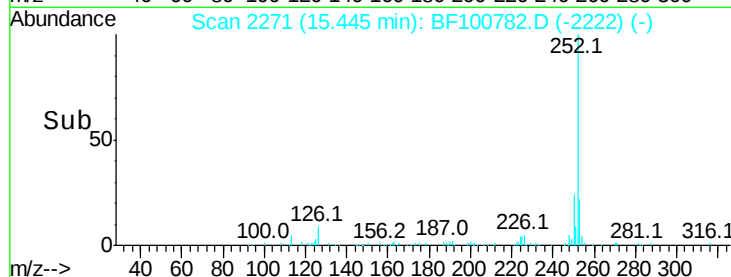
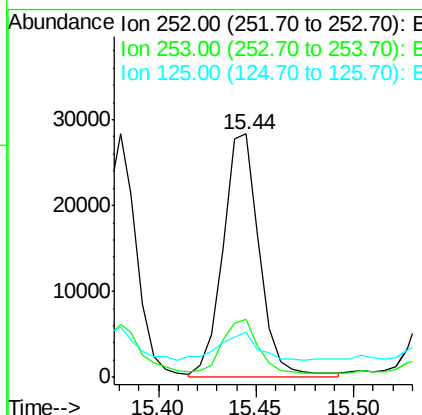
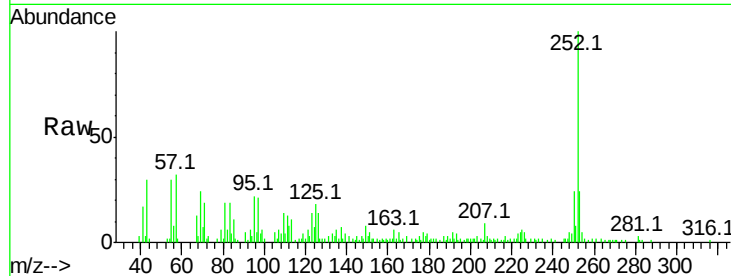
#89
Benzo(a)pyrene
Concen: 3.407 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100782.D
Acq: 21 Nov 2017 16:05

Instrument :
BNA_F
ClientSampled :
HL-5A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	18.5	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.340 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.02 min
Lab File: BF100782.D
Acq: 21 Nov 2017 16:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	25.4	21.8	32.8

