

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100852.D
 Acq On : 23 Nov 2017 4:21
 Operator : SJ/JU
 Sample : I6548-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAU-2-E(4-5)

Manual Integrations
 APPROVED

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 11/27/2017 3:21:01 PM

Quant Time: Nov 27 04:41:02 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	6.86	152	88307	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	336240	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	148077	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	238125	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	171570	20.00	ng	-0.02
86) Perylene-d12	15.50	264	189518	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	385881	70.05	ng	-0.02
7) Phenol-d6	6.49	99	468540	68.97	ng	-0.02
23) Nitrobenzene-d5	7.42	82	286176	56.27	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	107892	71.50	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	584957	60.15	ng	-0.02
78) Terphenyl-d14	12.97	244	390093	52.24	ng	-0.02
Target Compounds						
10) Phenol	6.50	94	18360	2.575	ng	Qvalue 81
49) Dimethylphthalate	9.60	163	43224	3.823	ng	98
70) Phenanthrene	11.40	178	75417	6.015	ng	95
74) Fluoranthene	12.60	202	90476	6.809	ng	94
77) Pyrene	12.83	202	84730	6.928	ng	98
80) Benzo(a)anthracene	14.01	228	43479	4.208	ng	99
82) Chrysene	14.04	228	39812	3.979	ng	94
85) Indeno(1,2,3-cd)pyrene	16.97	276	22936	2.834	ng	# 91
87) Benzo(b)fluoranthene	15.06	252	53556m	4.770	ng	
89) Benzo(a)pyrene	15.43	252	40443	4.063	ng	95
91) Benzo(g,h,i)perylene	17.41	276	21513	2.700	ng	# 90

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

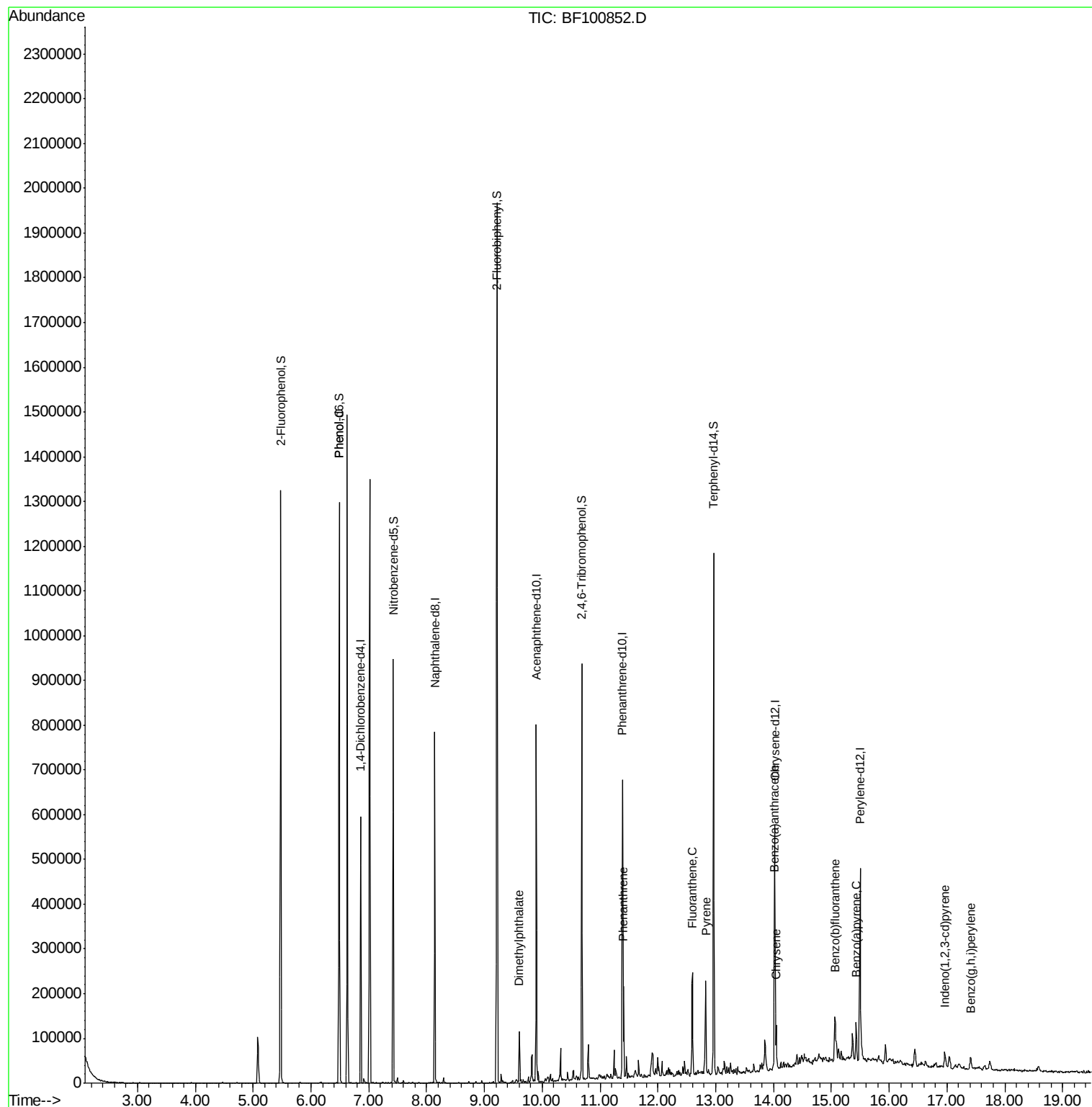
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100852.D
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Sample : I6548-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

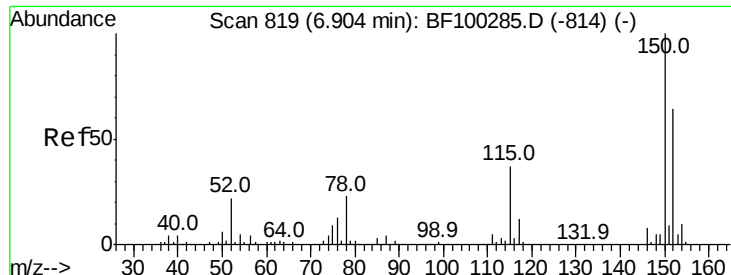
Instrument :
BNA_F
ClientSampleId :
SAU-2-E(4-5)

Manual Integrations
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#1

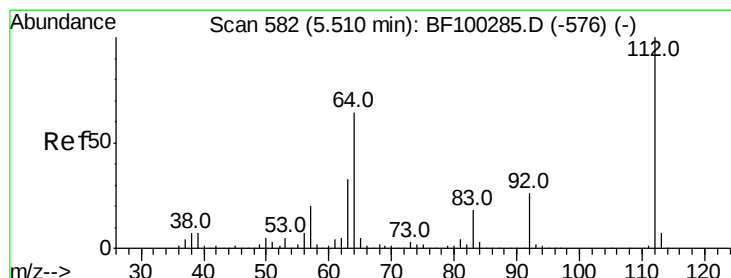
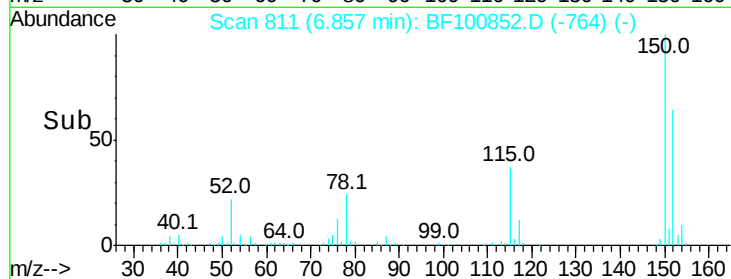
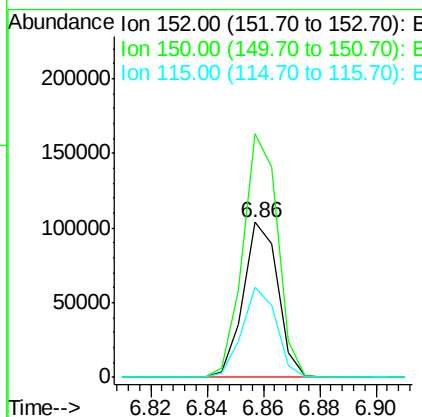
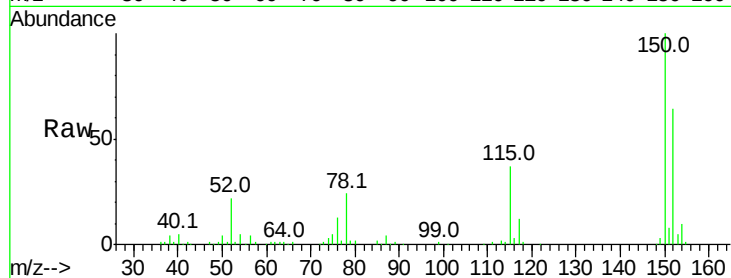
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF100852.D
 Acq: 23 Nov 2017 4:21

Instrument :
 BNA_F
 ClientSampleId :
 SAU-2-E(4-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	57.6	50.1	75.1

Manual Integrations
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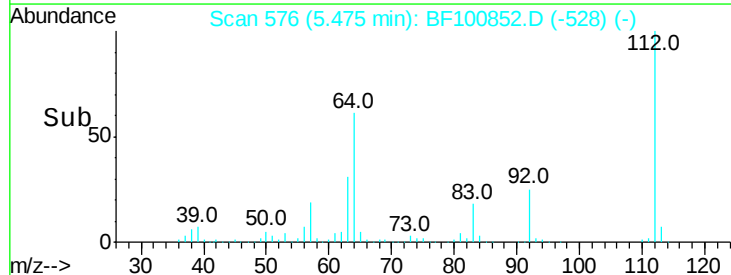
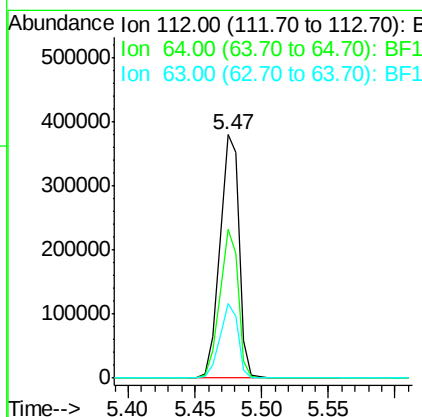
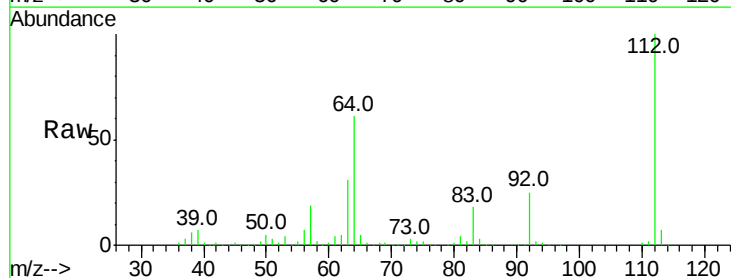
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#5

2-Fluorophenol
 Concen: 70.047 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BF100852.D
 Acq: 23 Nov 2017 4:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	30.8	23.7	35.5





#7

Phenol-d6

Concen: 68.972 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100852.D

Acq: 23 Nov 2017 4:21

Instrument :

BNA_F

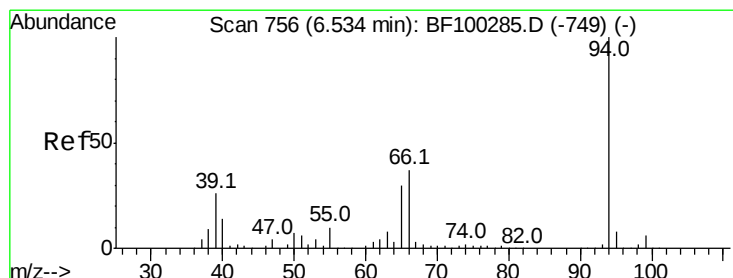
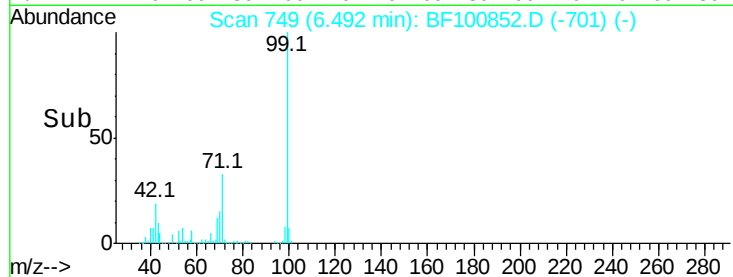
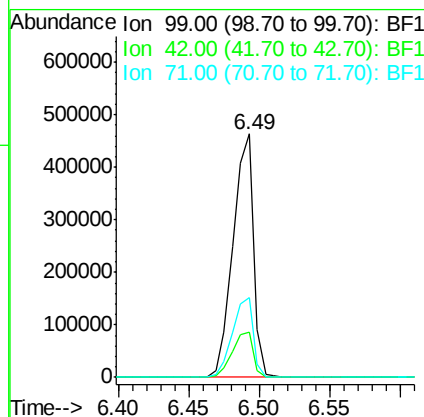
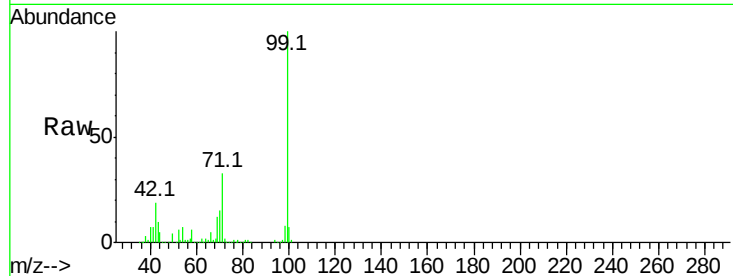
ClientSampleId :

SAU-2-E(4-5)

Tot Ion:	99	Resp:	468540
Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	32.7	25.4	38.0

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#10

Phenol

Concen: 2.575 ng

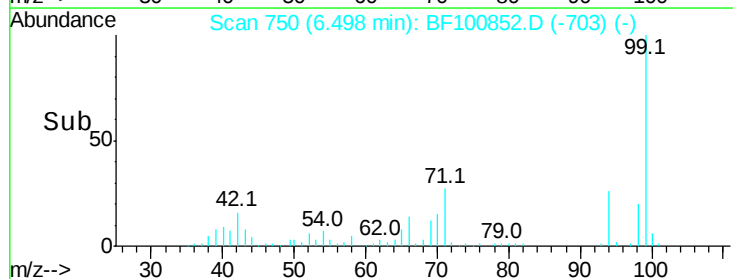
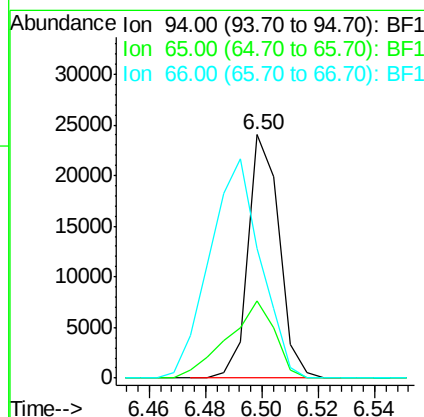
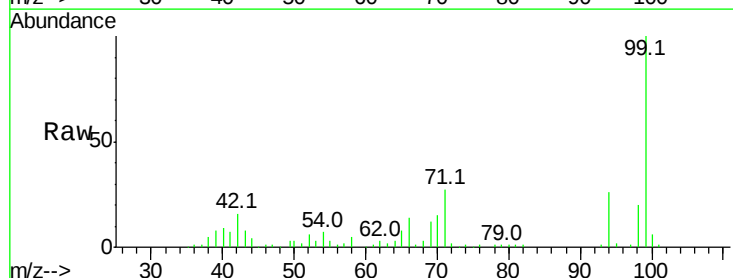
RT: 6.50 min Scan# 750

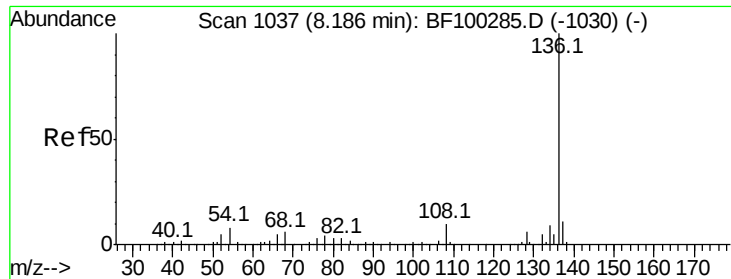
Delta R.T. -0.02 min

Lab File: BF100852.D

Acq: 23 Nov 2017 4:21

Tgt Ion:	94	Resp:	18360
Ion	Ratio	Lower	Upper
94	100		
65	31.6	7.9	47.9
66	53.1	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100852.D

Acq: 23 Nov 2017 4:21

Instrument :

BNA_F

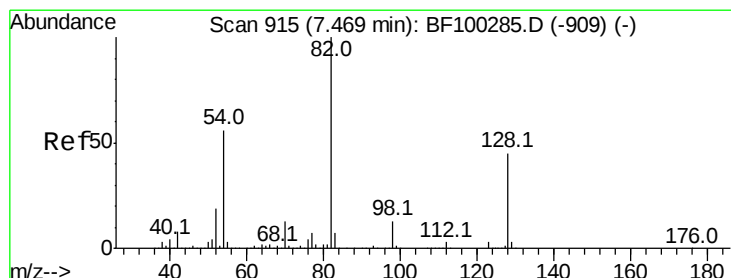
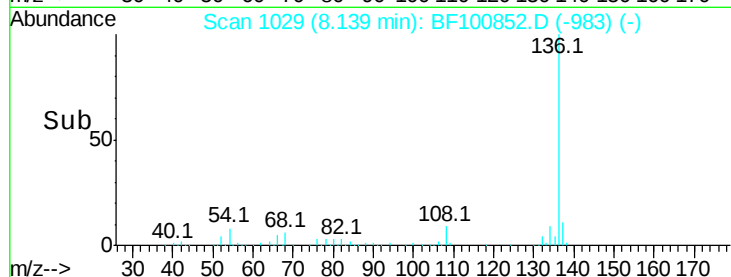
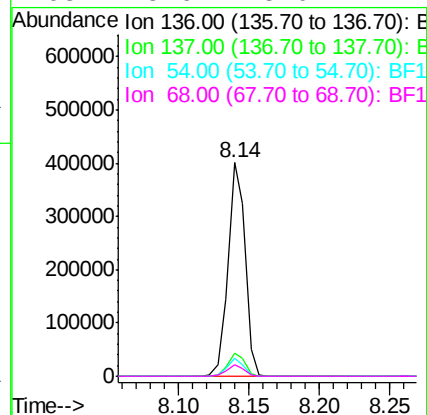
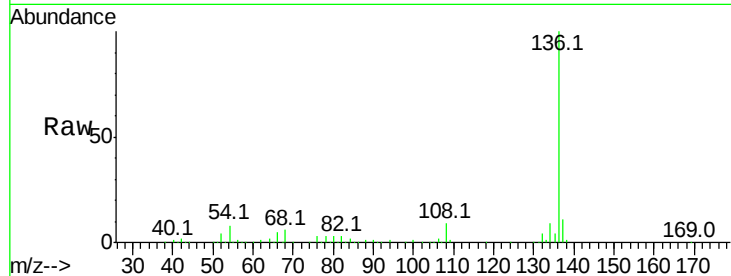
ClientSampleId :

SAU-2-E(4-5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	8.2	6.6	9.8	
68	5.6	5.0	7.4	

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#23

Nitrobenzene-d5

Concen: 56.270 ng

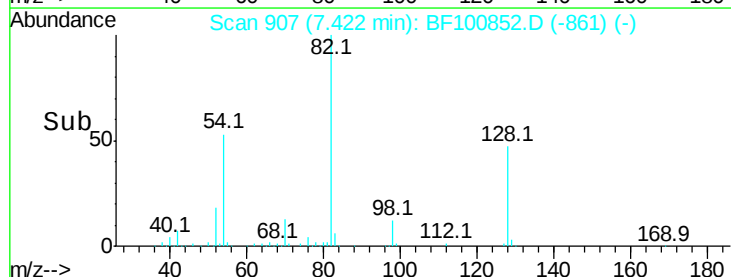
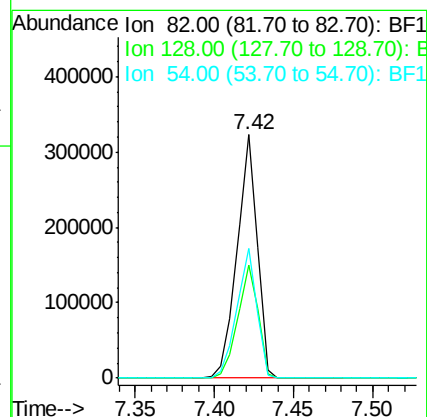
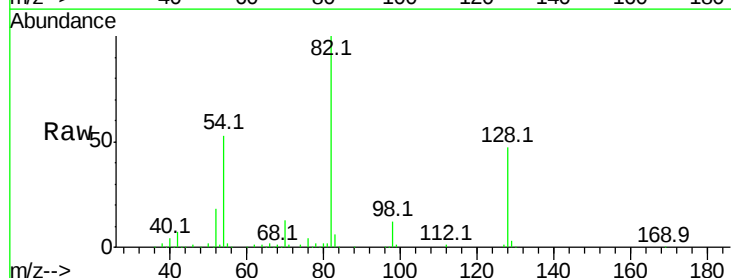
RT: 7.42 min Scan# 907

Delta R.T. -0.03 min

Lab File: BF100852.D

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Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.6	36.1	54.1	
54	53.4	41.4	62.2	





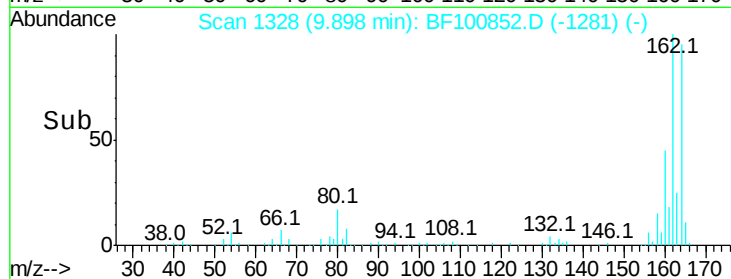
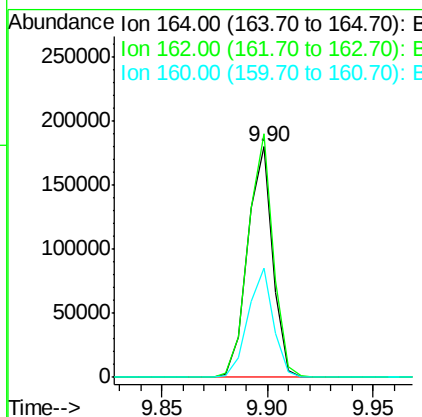
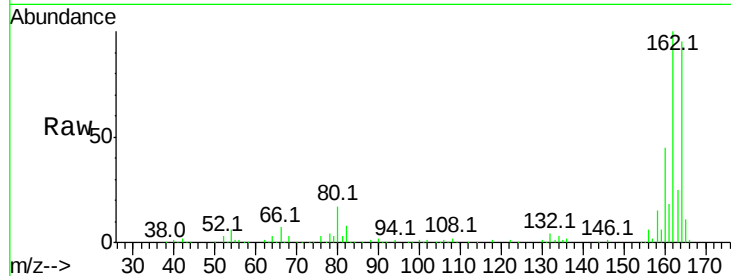
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF100852.D
Acq: 23 Nov 2017 4:21

Instrument :
BNA_F
ClientSampleId :
SAU-2-E(4-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	47.4	38.3	57.5

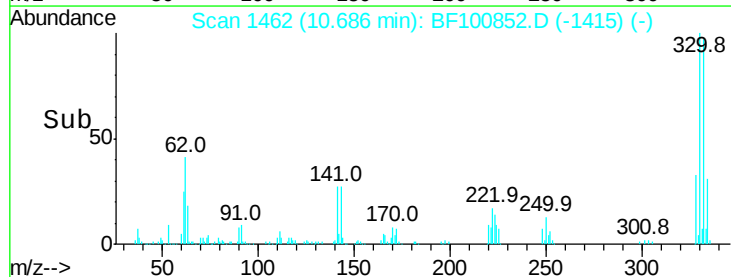
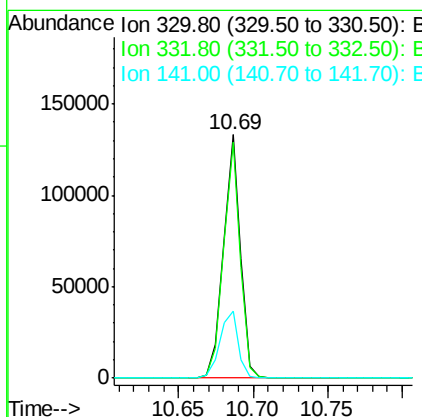
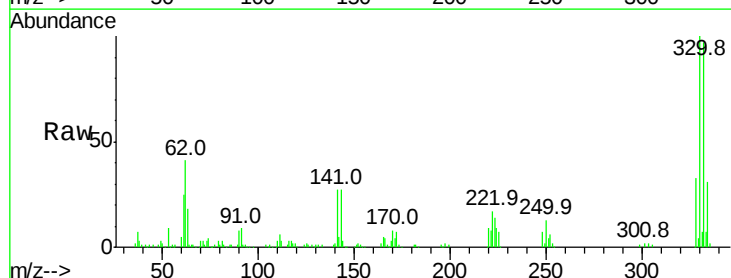
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#41
2,4,6-Tribromophenol
Concen: 71.504 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BF100852.D
Acq: 23 Nov 2017 4:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	29.2	29.9	44.9#





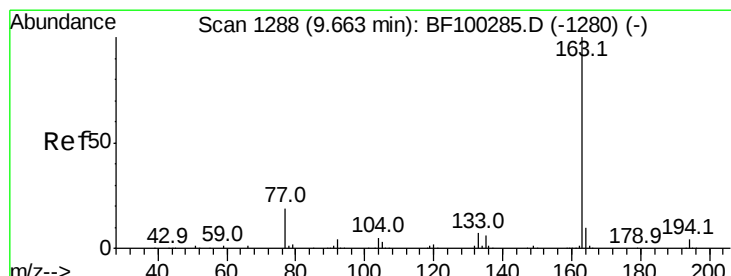
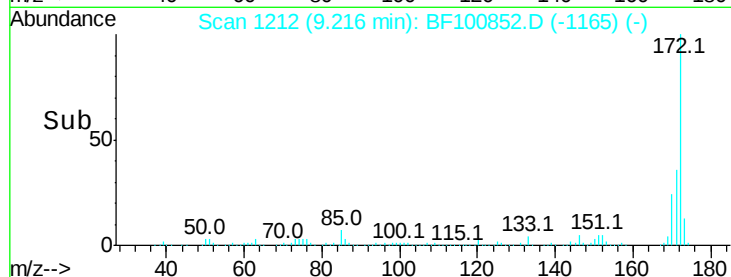
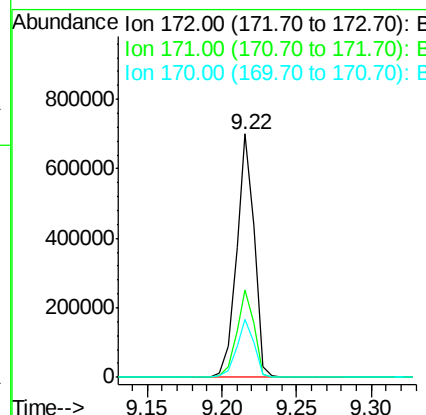
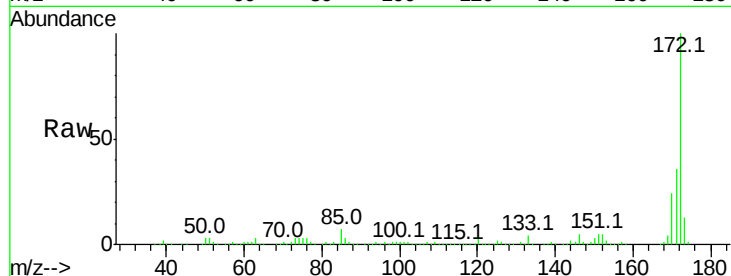
#44
2-Fluorobiphenyl
Concen: 60.153 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF100852.D
Acq: 23 Nov 2017 4:21

Instrument :
BNA_F
ClientSampleId :
SAU-2-E(4-5)

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	19.6	29.4

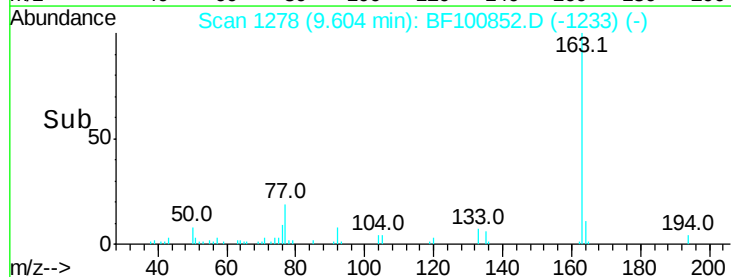
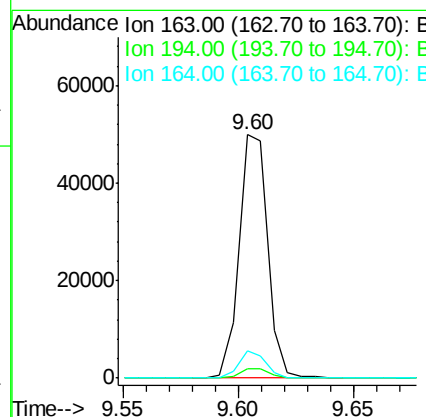
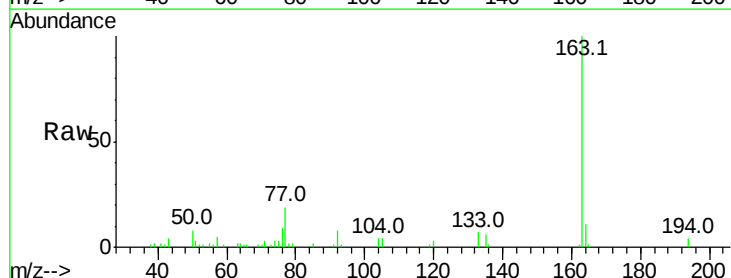
Manual Integrations
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#49
Dimethylphthalate
Concen: 3.823 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BF100852.D
Acq: 23 Nov 2017 4:21

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.7	2.7	4.1
164	11.3	8.2	12.2





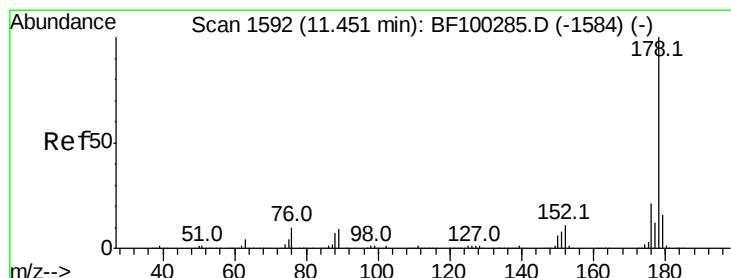
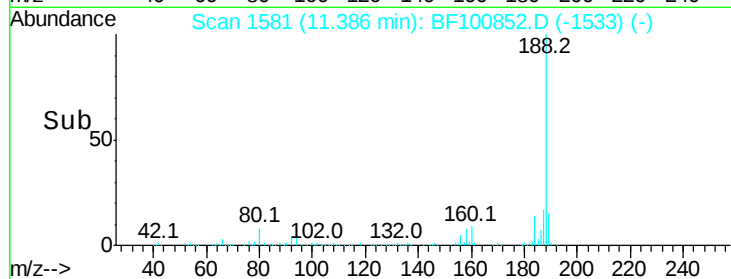
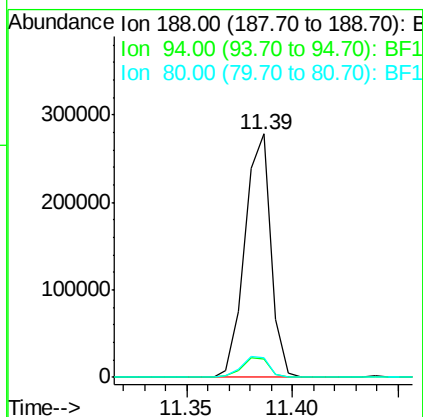
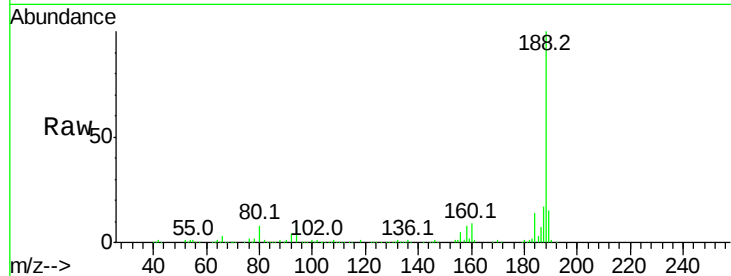
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF100852.D
Acq: 23 Nov 2017 4:21

Instrument :
BNA_F
ClientSampleId :
SAU-2-E(4-5)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.1	9.2	13.8#

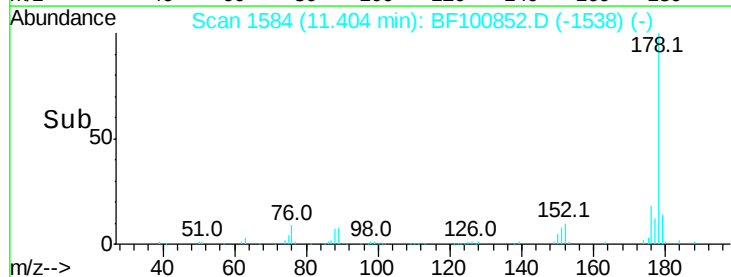
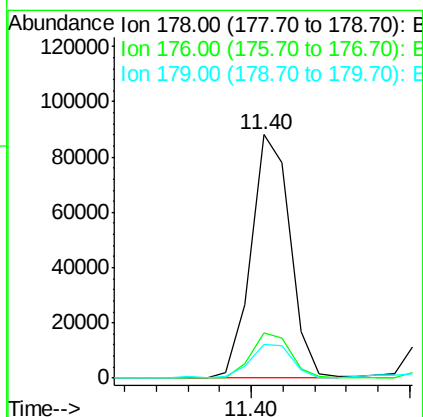
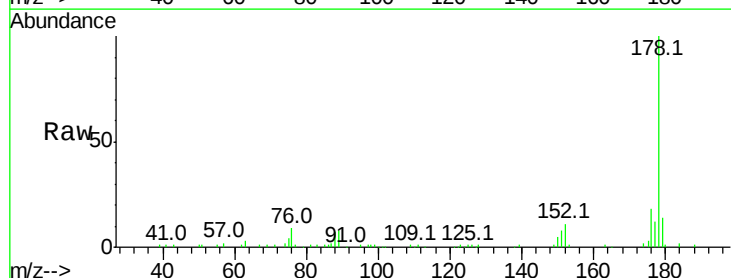
Manual Integrations
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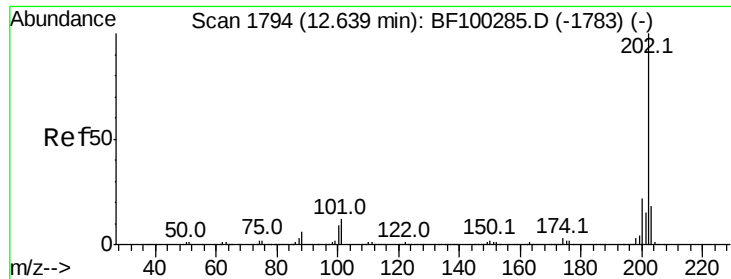
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#70
Phenanthrene
Concen: 6.015 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BF100852.D
Acq: 23 Nov 2017 4:21

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.3	15.8	23.8
179	13.6	13.0	19.6





#74

Fluoranthene

Concen: 6.809 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.02 min

Lab File: BF100852.D

Acq: 23 Nov 2017 4:21

Instrument :

BNA_F

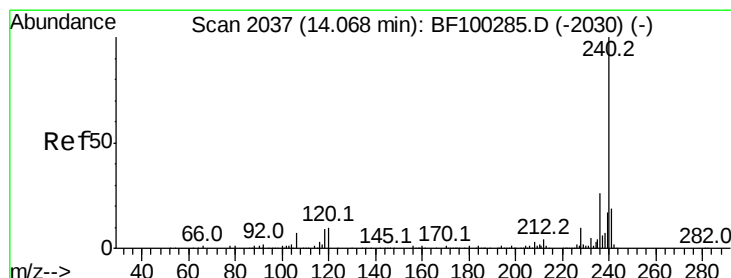
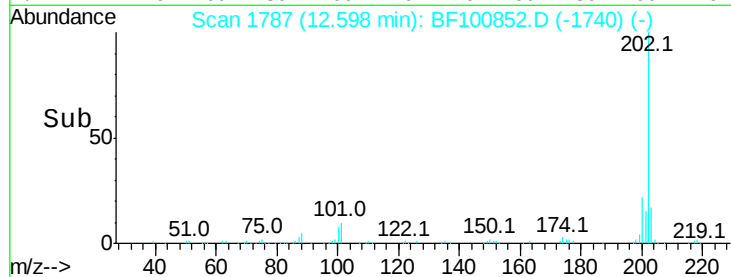
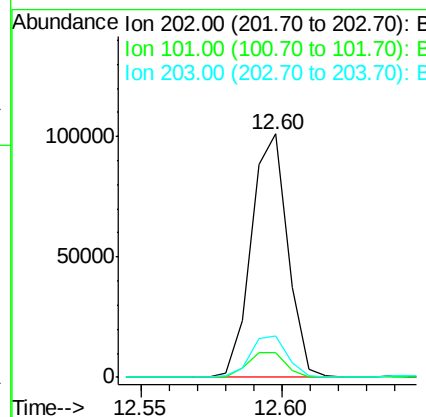
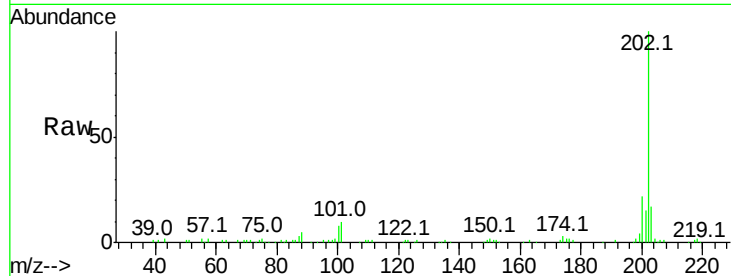
ClientSampleId :

SAU-2-E(4-5)

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.1	0.0	34.1	
203	17.2	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

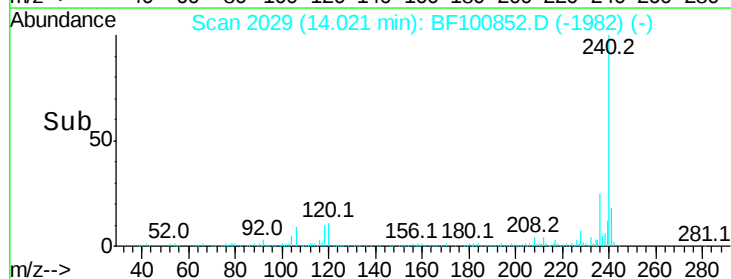
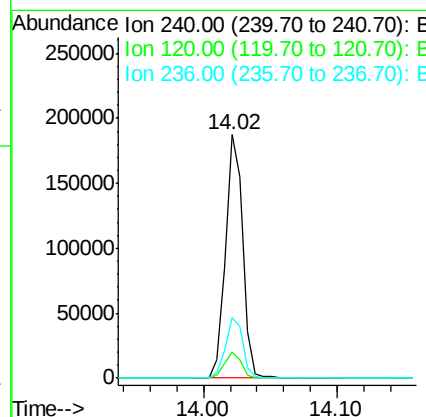
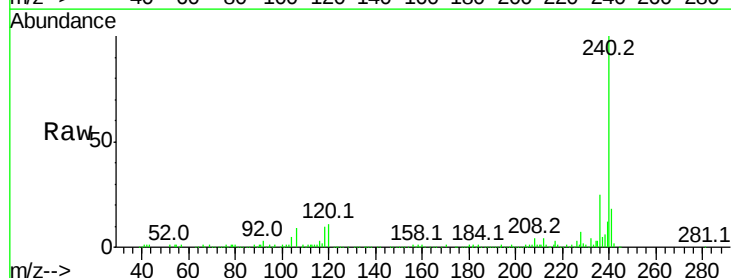
RT: 14.02 min Scan# 2029

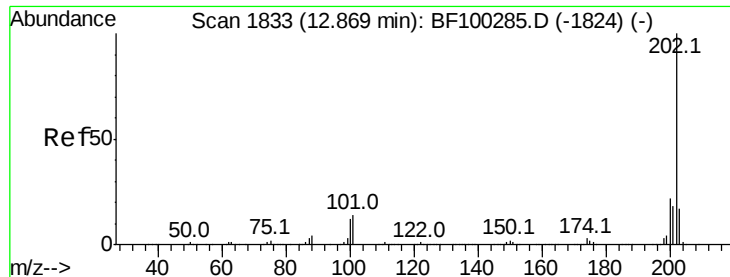
Delta R.T. -0.02 min

Lab File: BF100852.D

Acq: 23 Nov 2017 4:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.6	9.5	14.3	
236	24.9	20.7	31.1	





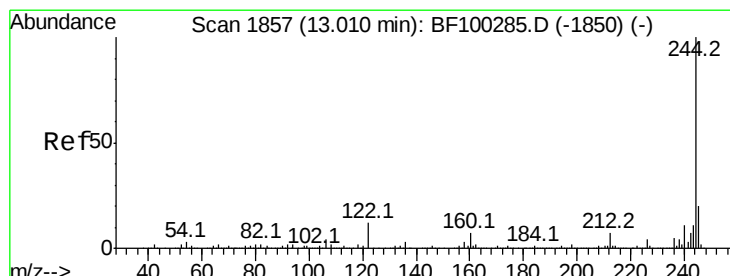
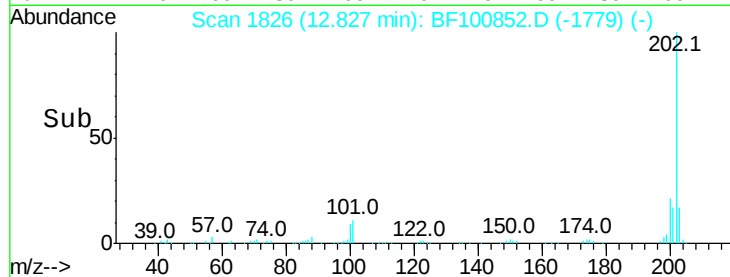
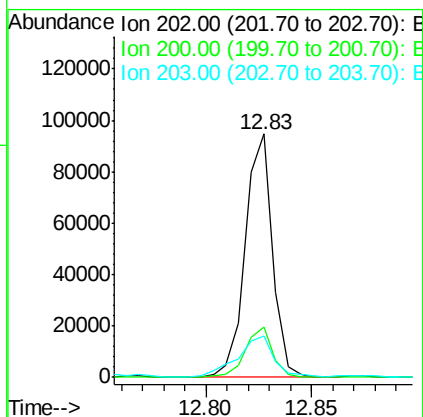
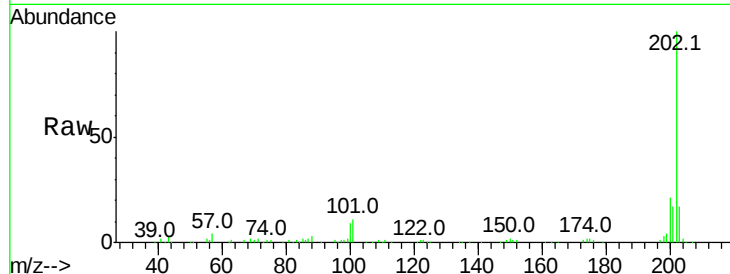
#77
Pvrene
Concen: 6.928 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF100852.D
Acq: 23 Nov 2017 4:21

Instrument :
BNA_F
ClientSampleId :
SAU-2-E(4-5)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	16.9	14.3	21.5

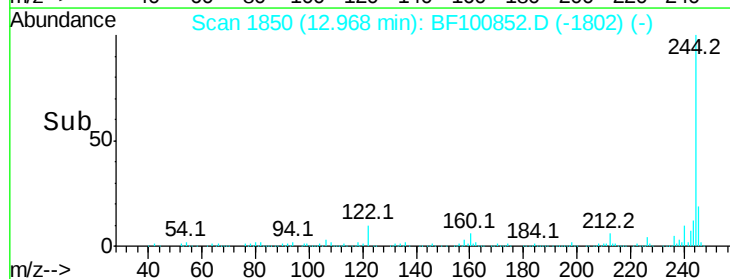
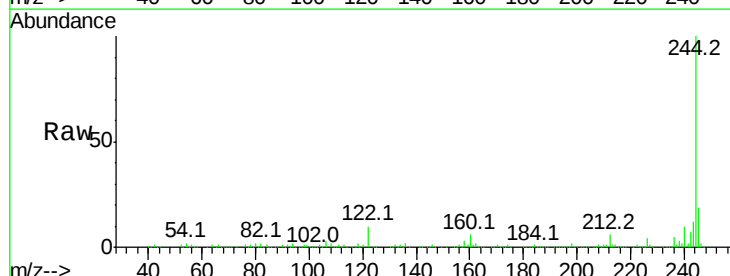
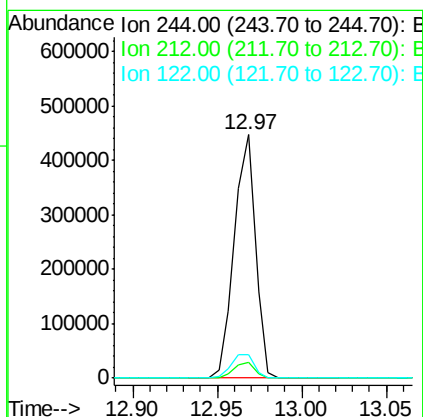
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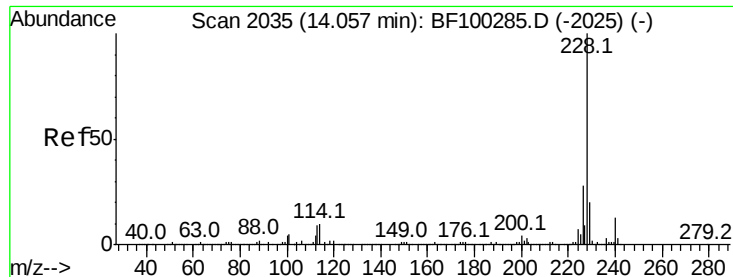
Sohil
11/27/2017 3:21:01 PM



#78
Terphenyl-d14
Concen: 52.242 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.02 min
Lab File: BF100852.D
Acq: 23 Nov 2017 4:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.9	11.0	16.4#





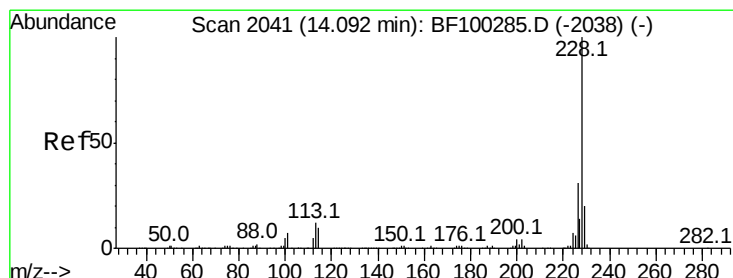
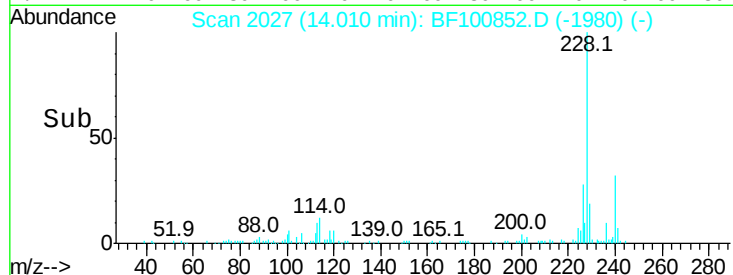
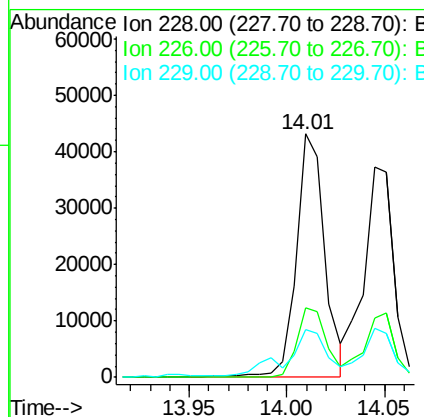
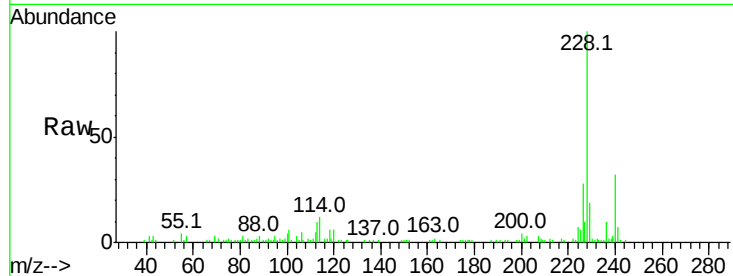
#80
Benzo(a)anthracene
Concen: 4.208 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF100852.D
Acq: 23 Nov 2017 4:21

Instrument :
BNA_F
ClientSampleId :
SAU-2-E(4-5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.4	15.8	23.6

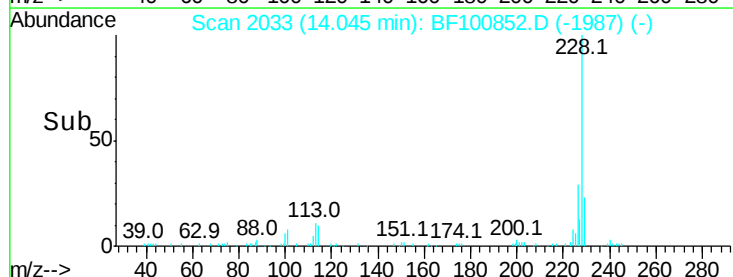
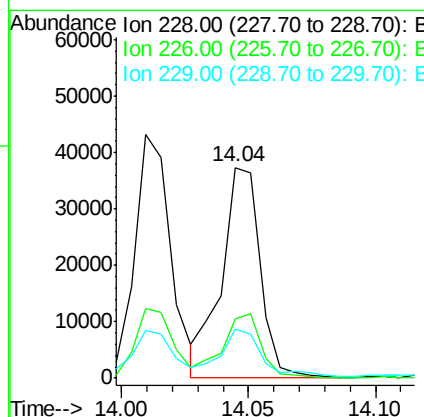
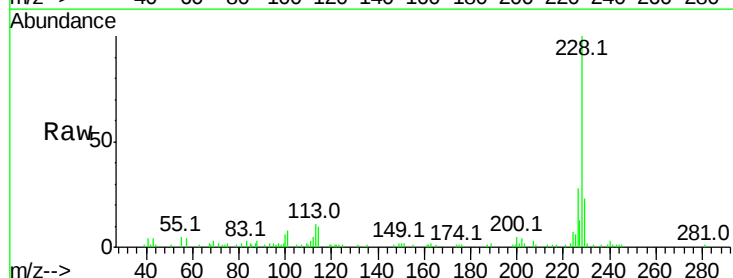
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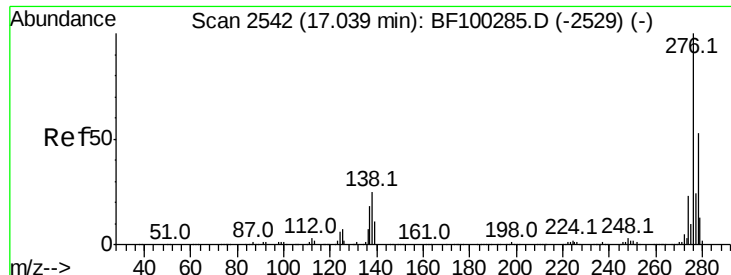
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#82
Chrysene
Concen: 3.979 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.03 min
Lab File: BF100852.D
Acq: 23 Nov 2017 4:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	25.0	37.6
229	23.2	16.2	24.4





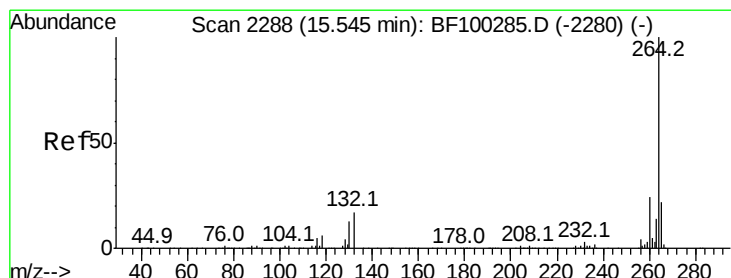
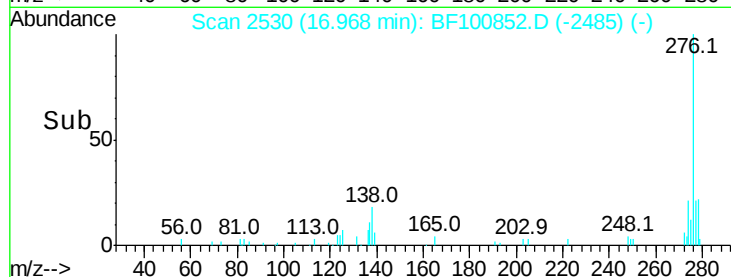
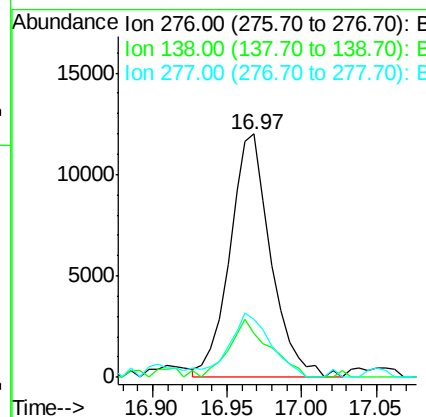
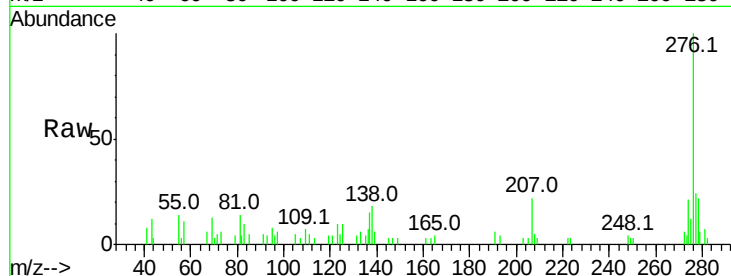
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.834 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.04 min
Lab File: BF100852.D
Acq: 23 Nov 2017 4:21

Instrument :
BNA_F
ClientSampleId :
SAU-2-E(4-5)

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	25.0	37.6#
277	26.4	20.1	30.1

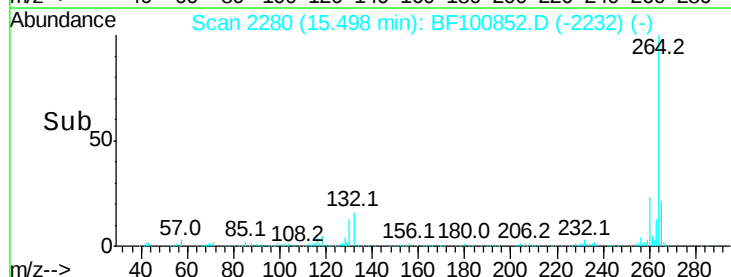
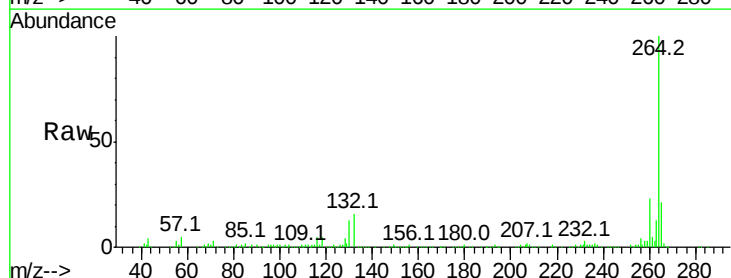
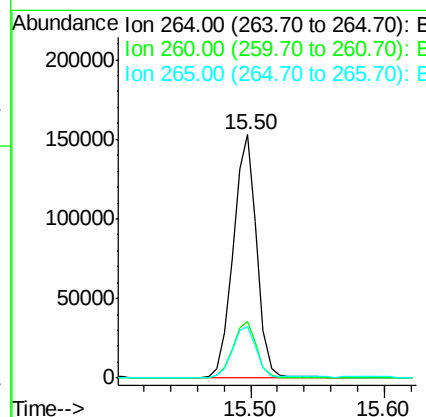
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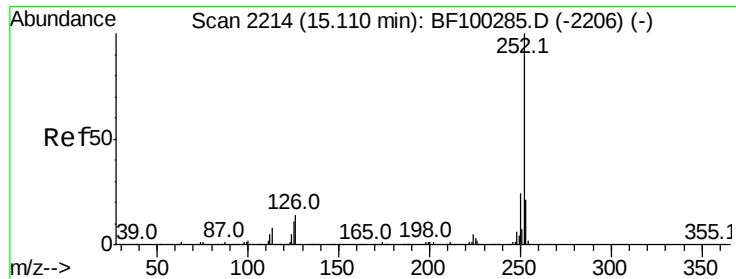
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF100852.D
Acq: 23 Nov 2017 4:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	17.5	26.3





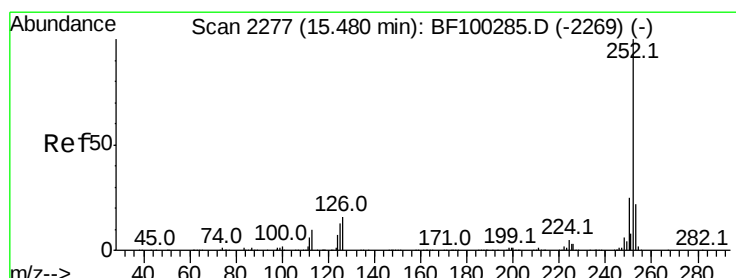
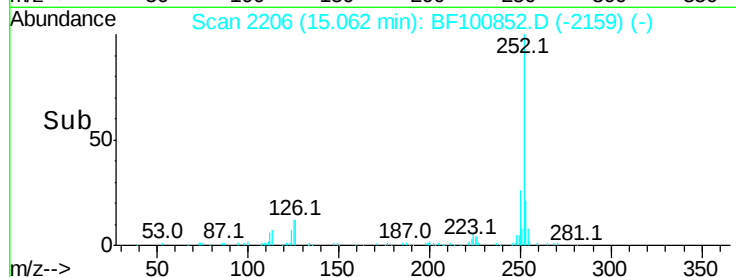
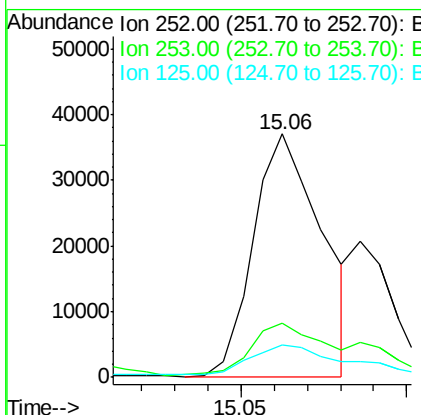
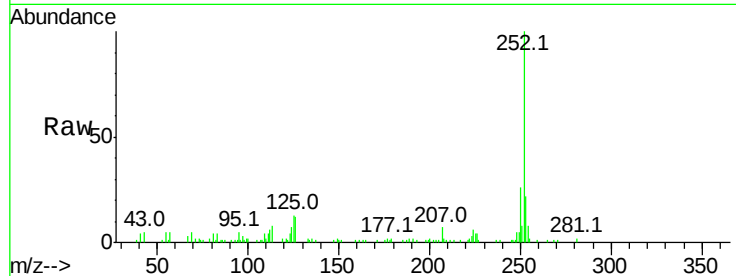
#87
Benzo(b)fluoranthene
Concen: 4.770 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF100852.D
Acq: 23 Nov 2017 4:21

Instrument :
BNA_F
ClientSampleId :
SAU-2-E(4-5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	13.4	9.0	13.6

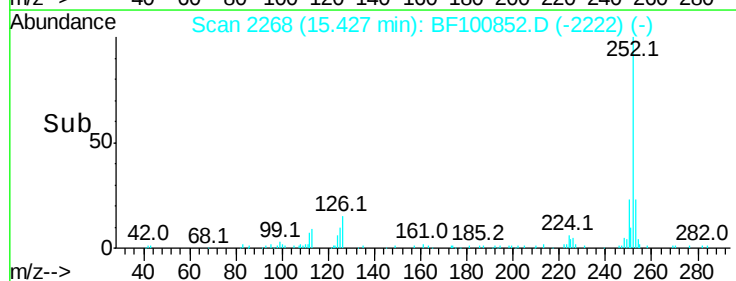
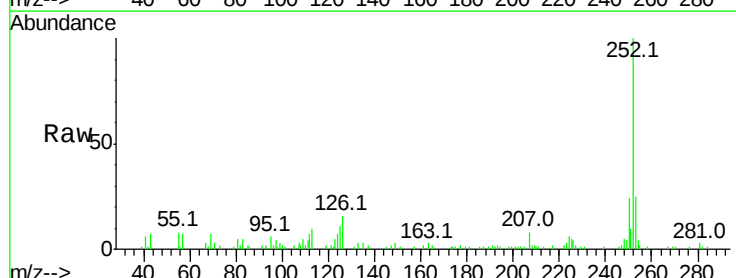
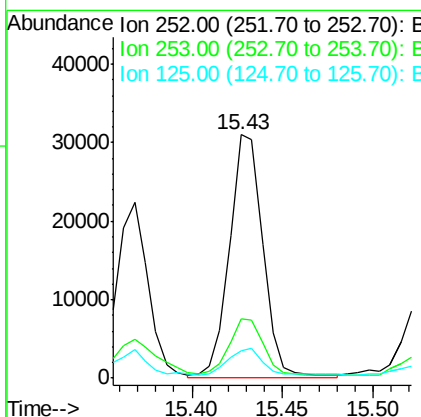
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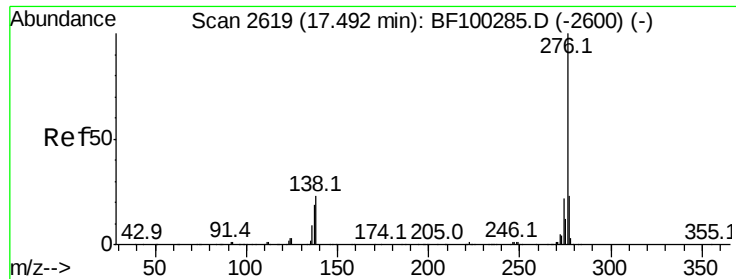
Sohil
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#89
Benzo(a)pyrene
Concen: 4.063 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF100852.D
Acq: 23 Nov 2017 4:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	11.4	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.700 ng
 RT: 17.41 min Scan# 2605
 Delta R.T. -0.05 min
 Lab File: BF100852.D
 Acq: 23 Nov 2017 4:21

Instrument :
 BNA_F
 ClientSampleId :
 SAU-2-E(4-5)

Tot Ion:	276	Resp:	21513
Ion Ratio		Lower	Upper
276	100		
277	26.5	17.9	26.9
138	21.5	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
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