

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100742.D
 Acq On : 20 Nov 2017 20:46
 Operator : SJ/JU
 Sample : I6521-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(0-5)

Manual Integrations
 APPROVED

SOHIL
 11/21/2017 2:15:36 PM

Quant Time: Nov 21 04:45:26 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	96209	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	381925	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	171306	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	298266	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	191233	20.00	ng	-0.02
86) Perylene-d12	15.50	264	220402	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	702870	117.11	ng	0.00
7) Phenol-d6	6.50	99	864004	116.74	ng	0.00
23) Nitrobenzene-d5	7.43	82	547615	94.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	208379	119.37	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	974680	86.64	ng	-0.01
78) Terphenyl-d14	12.97	244	689364	82.83	ng	-0.01
Target Compounds						
10) Phenol	6.51	94	28669	3.690	ng	Qvalue 96
49) Dimethylphthalate	9.62	163	72471	5.541	ng	99
70) Phenanthrene	11.42	178	42536	2.709	ng	98
74) Fluoranthene	12.60	202	96755	5.813	ng	93
77) Pyrene	12.83	202	95092	6.976	ng	98
80) Benzo(a)anthracene	14.02	228	51992	4.515	ng	99
82) Chrysene	14.05	228	48156	4.318	ng	97
83) Bis(2-ethylhexyl)phthalate	14.00	149	18500	2.530	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.97	276	38956	4.319	ng	92
87) Benzo(b)fluoranthene	15.07	252	69483m	5.321	ng	
89) Benzo(a)pyrene	15.43	252	55586	4.802	ng	96
91) Benzo(a,h,i)perylene	17.42	276	41399	4.467	ng	# 91

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

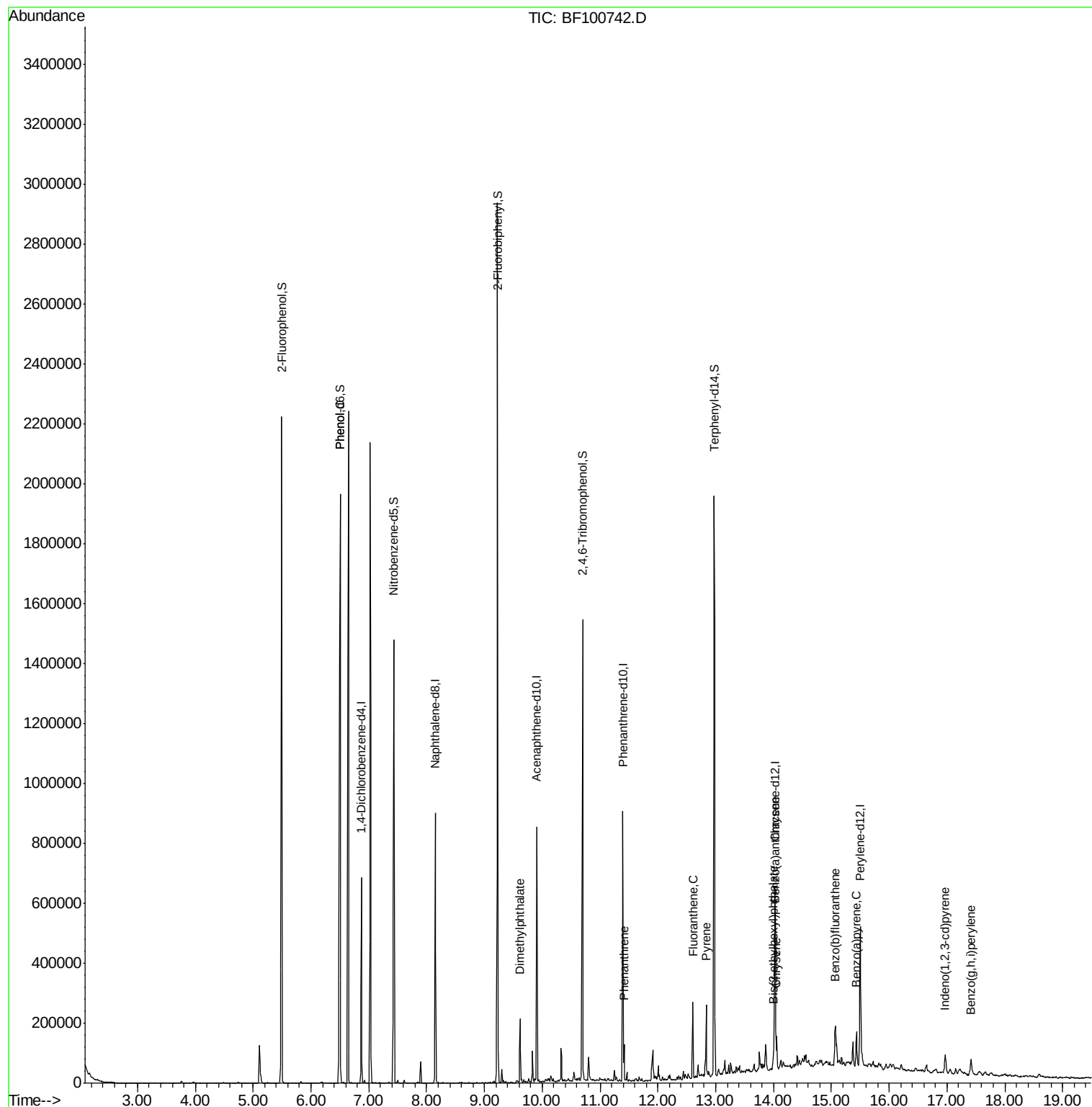
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
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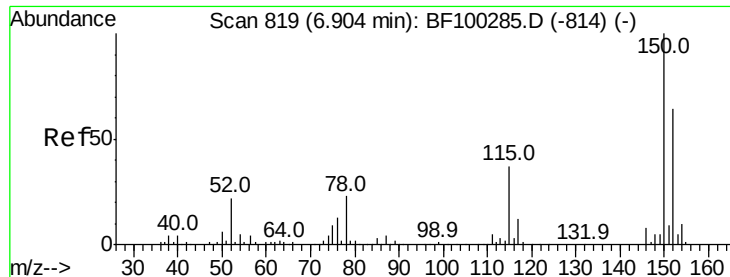
Instrument :
BNA_F
ClientSampleId :
TP-1-(0-5)

Manual Integrations
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11/21/2017 2:15:36 PM

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#1

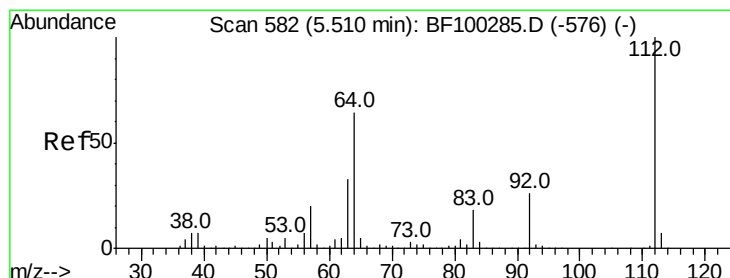
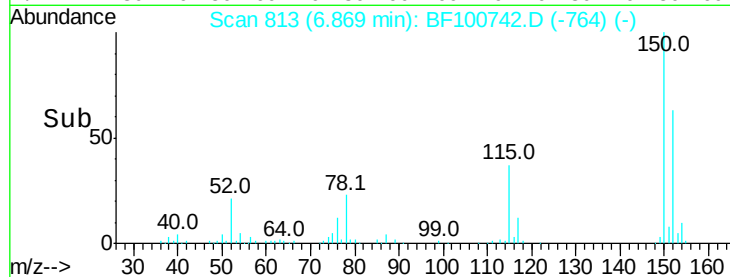
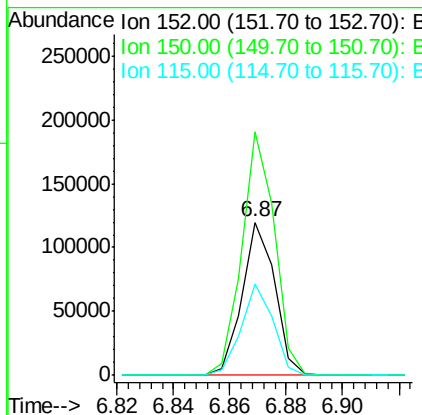
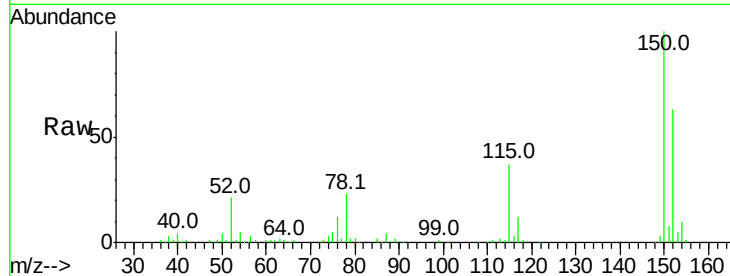
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100742.D
Acq: 20 Nov 2017 20:46

Instrument :
BNA_F
ClientSampled :
TP-1-(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	59.5	50.1	75.1

Manual Integrations
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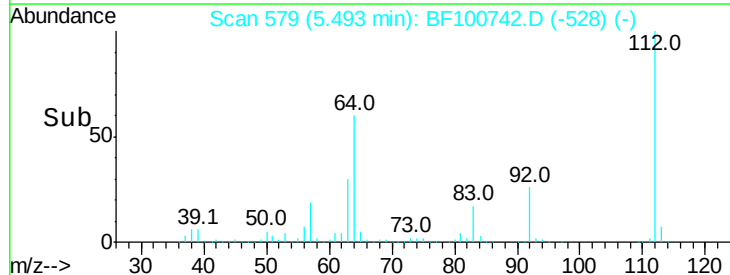
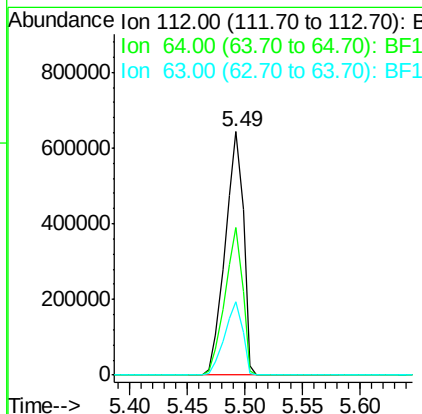
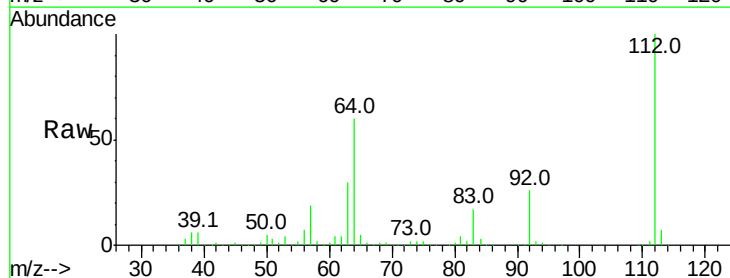
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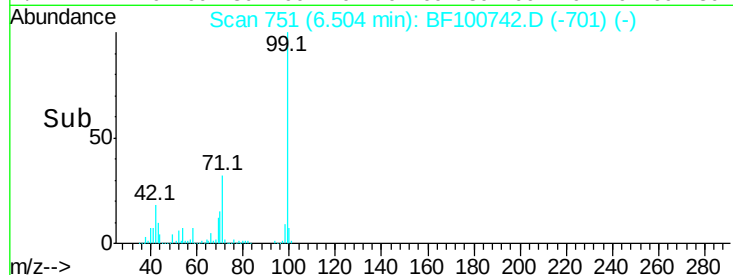
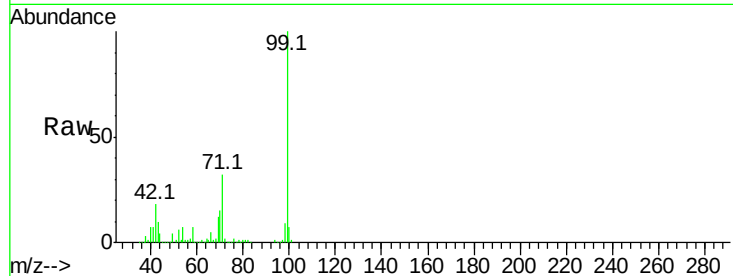
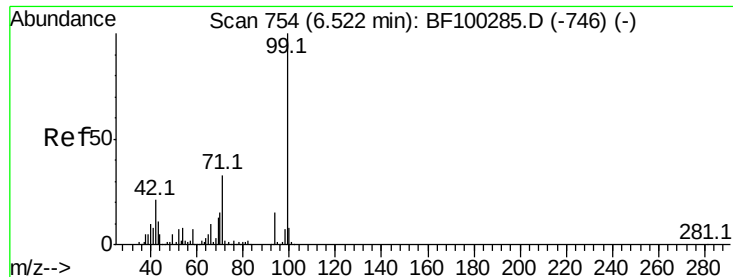


#5

2-Fluorophenol
Concen: 117.109 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF100742.D
Acq: 20 Nov 2017 20:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	30.2	23.7	35.5





#7

Phenol-d6

Concen: 116.740 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100742.D

Acq: 20 Nov 2017 20:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		864004		
42	18.2	14.5	21.7		
71	32.0	25.4	38.0		

Instrument :

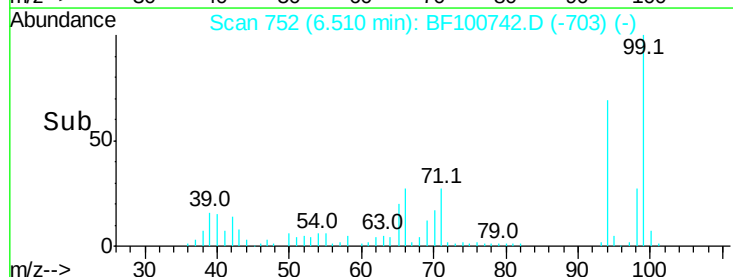
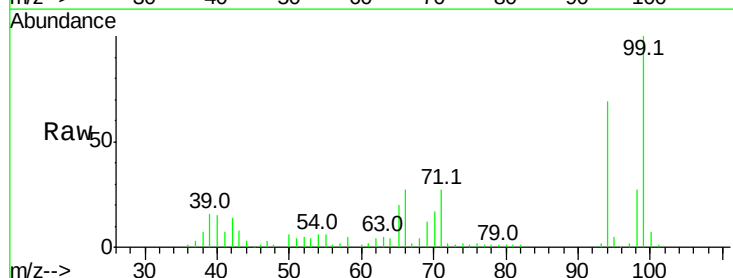
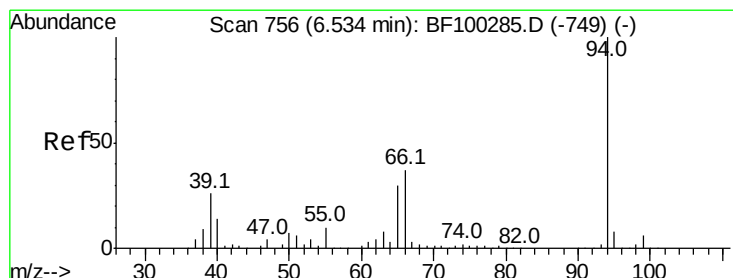
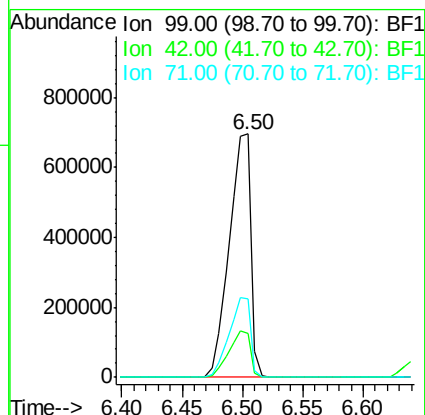
BNA_F

ClientSampleId :

TP-1-(0-5)

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#10

Phenol

Concen: 3.690 ng

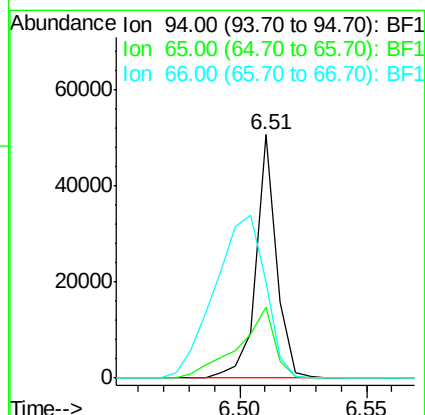
RT: 6.51 min Scan# 752

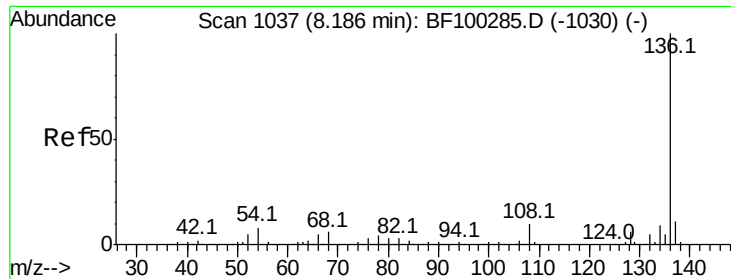
Delta R.T. -0.01 min

Lab File: BF100742.D

Acq: 20 Nov 2017 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		28669		
65	29.2	7.9	47.9		
66	39.4	16.2	56.2		





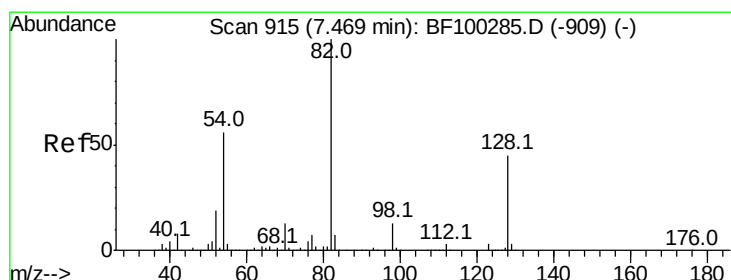
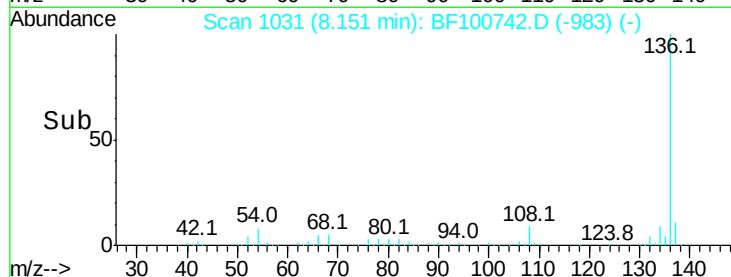
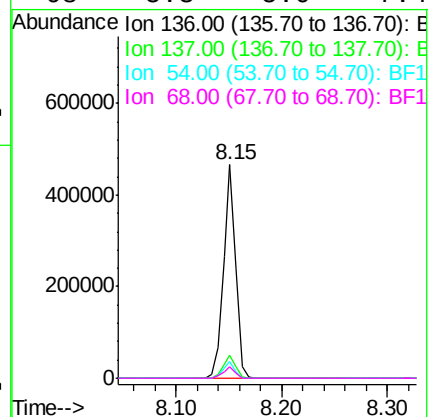
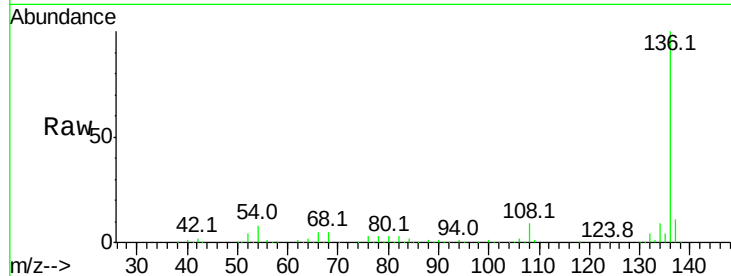
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100742.D
Acq: 20 Nov 2017 20:46

Instrument :
BNA_F
ClientSampleId :
TP-1-(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	7.9	6.6	9.8	
68	5.3	5.0	7.4	

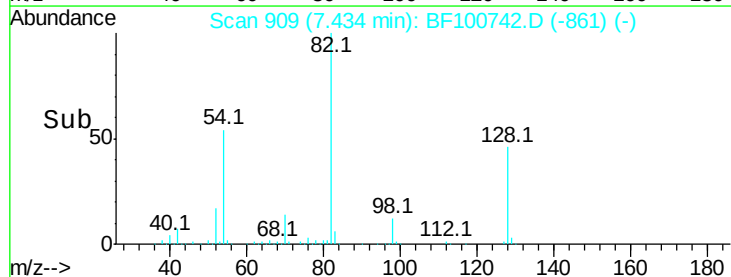
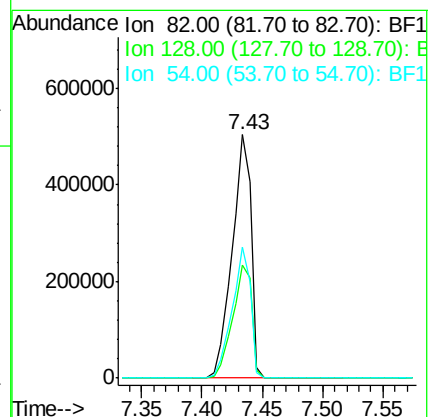
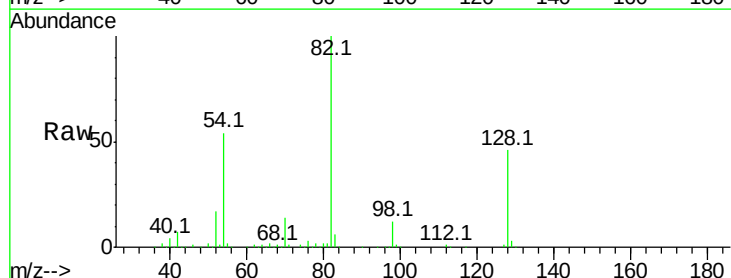
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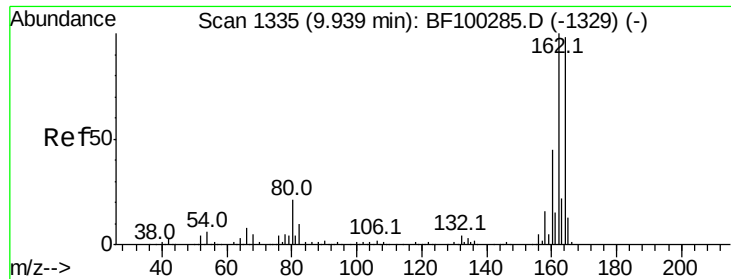
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#23
Nitrobenzene-d5
Concen: 94.795 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100742.D
Acq: 20 Nov 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.5	36.1	54.1	
54	53.8	41.4	62.2	





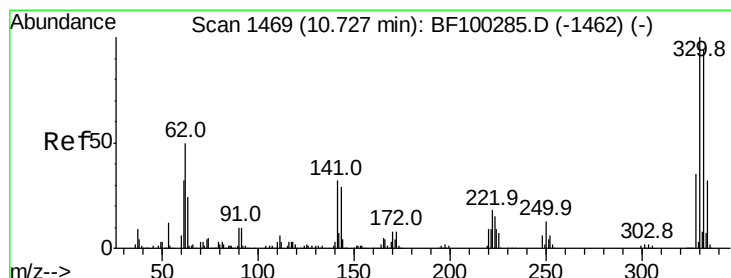
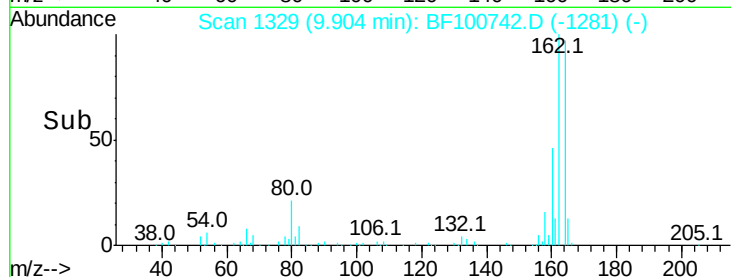
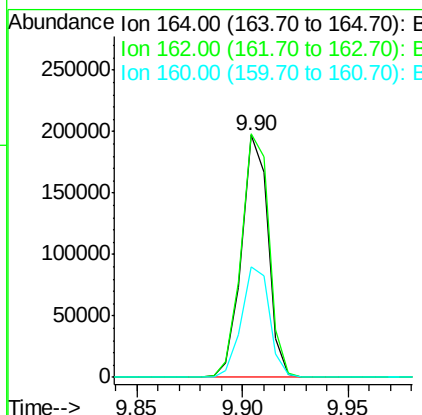
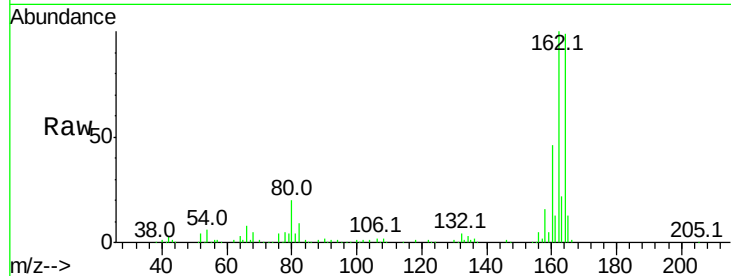
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF100742.D
 Acq: 20 Nov 2017 20:46

Instrument :
 BNA_F
 ClientSampled :
 TP-1-(0-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	86.1	129.1
160	45.8	38.3	57.5

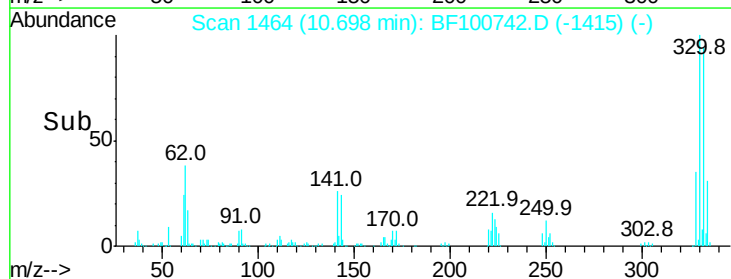
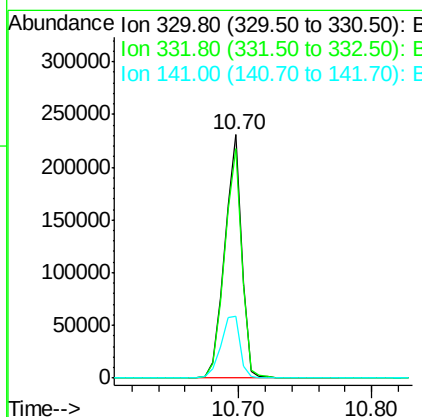
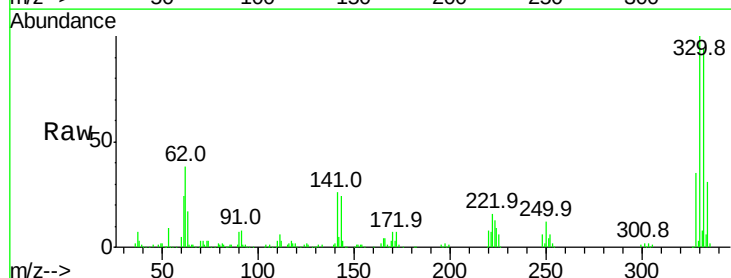
Manual Integrations
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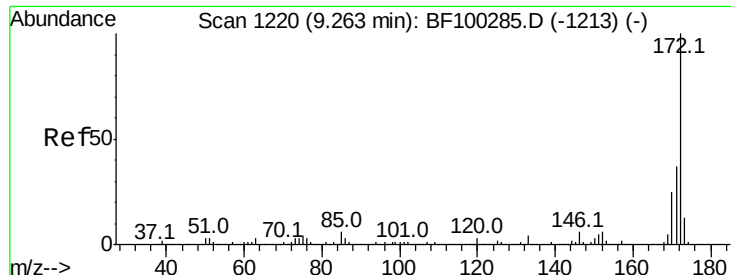
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#41
 2,4,6-Tribromophenol
 Concen: 119.373 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100742.D
 Acq: 20 Nov 2017 20:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	28.6	29.9	44.9#





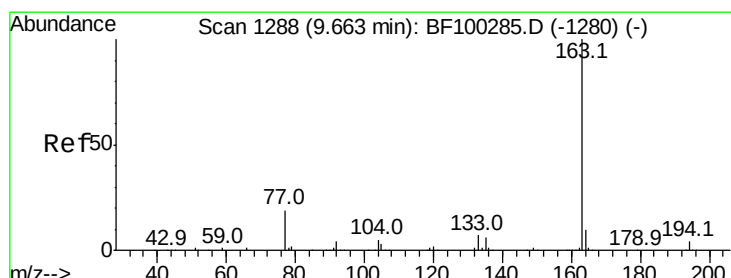
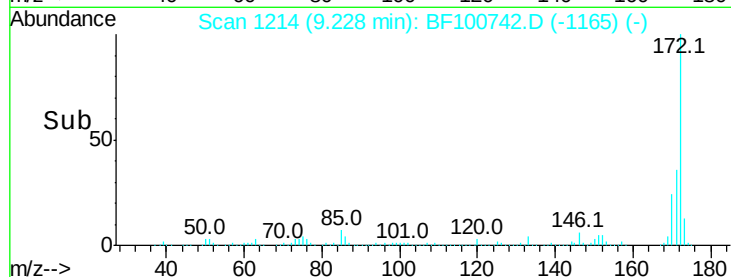
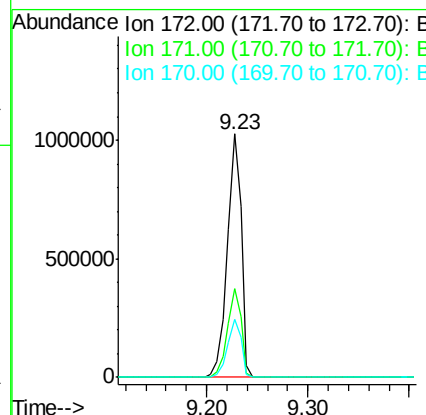
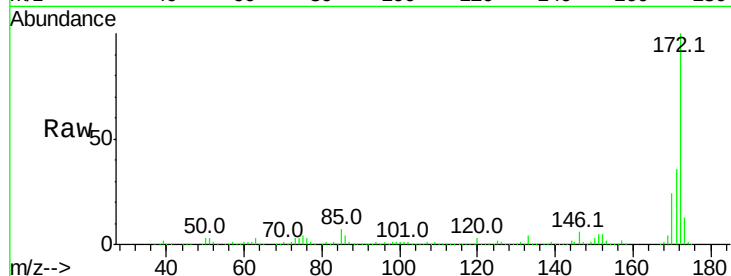
#44
2-Fluorobiphenyl
Concen: 86.638 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100742.D
Acq: 20 Nov 2017 20:46

Instrument :
BNA_F
ClientSampleId :
TP-1-(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.7	44.5	
170	23.9	19.6	29.4	

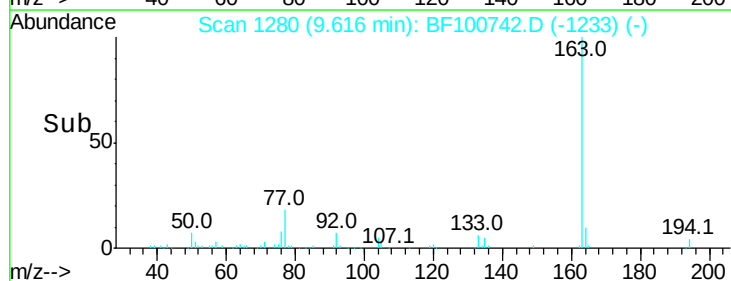
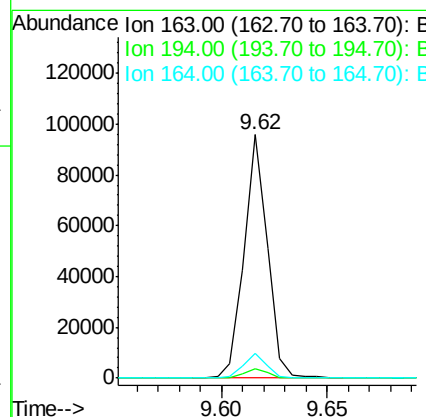
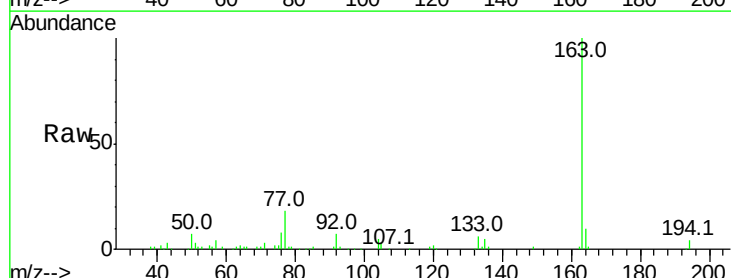
Manual Integrations
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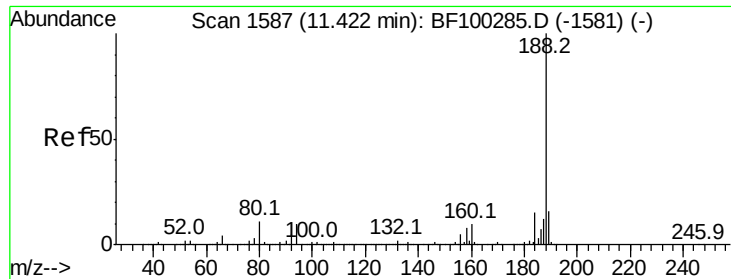
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#49
Dimethylphthalate
Concen: 5.541 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF100742.D
Acq: 20 Nov 2017 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	10.0	8.2	12.2	





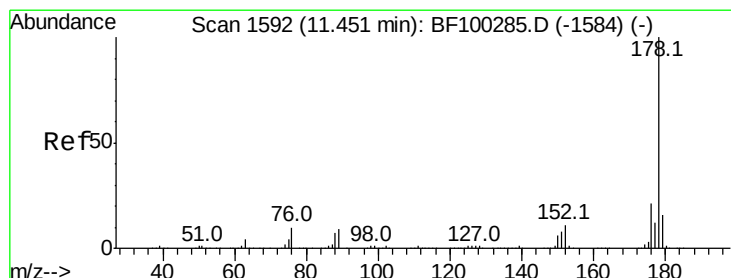
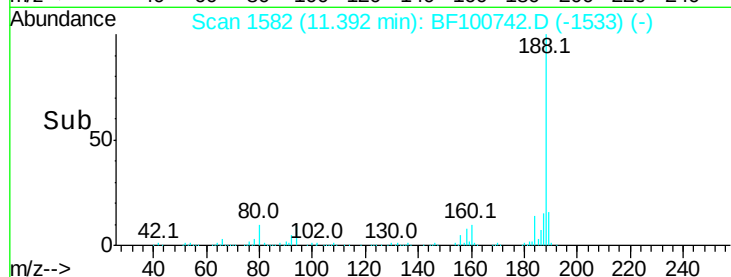
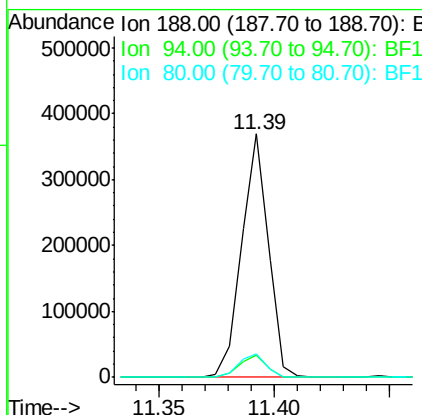
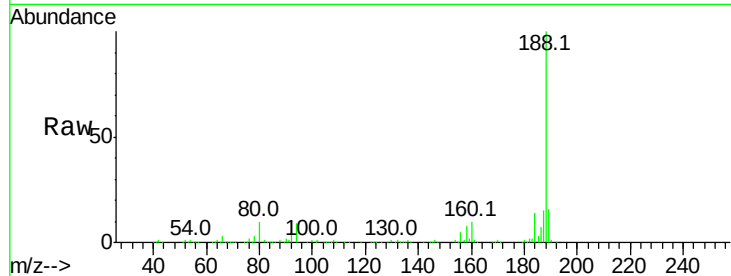
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100742.D
Acq: 20 Nov 2017 20:46

Instrument :
BNA_F
ClientSampled :
TP-1-(0-5)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.7	9.2	13.8

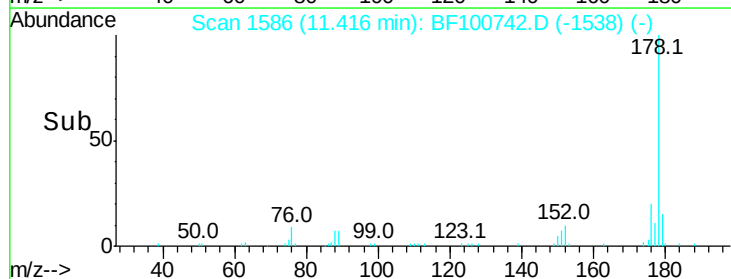
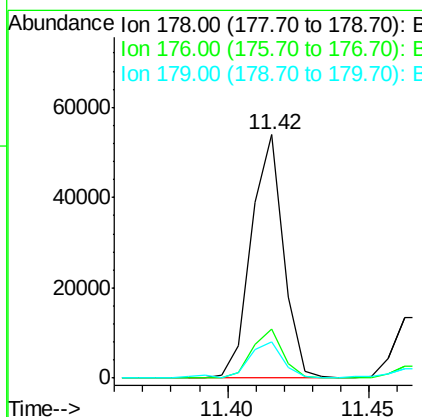
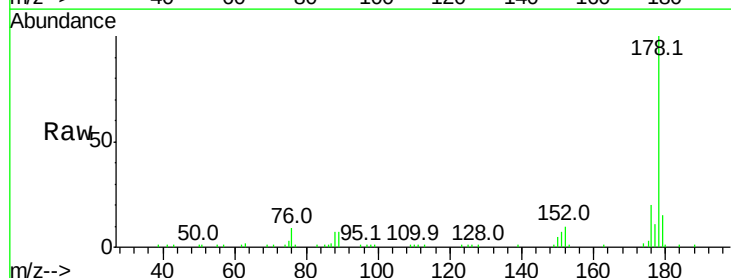
Manual Integrations
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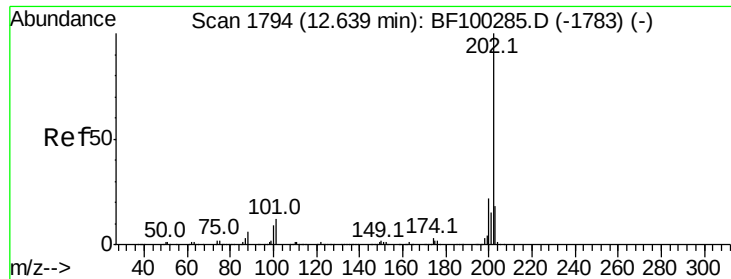
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#70
Phenanthrene
Concen: 2.709 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF100742.D
Acq: 20 Nov 2017 20:46

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.3	15.8	23.8
179	14.8	13.0	19.6





#74

Fluoranthene

Concen: 5.813 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF100742.D

Acq: 20 Nov 2017 20:46

Instrument :

BNA_F

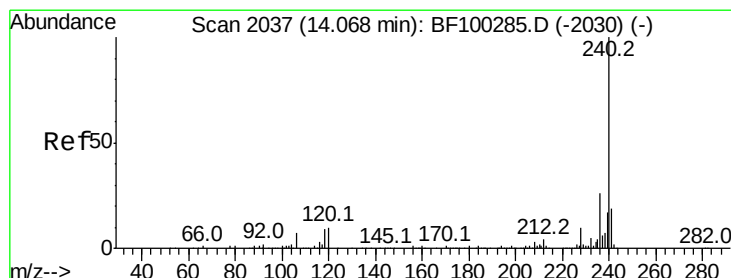
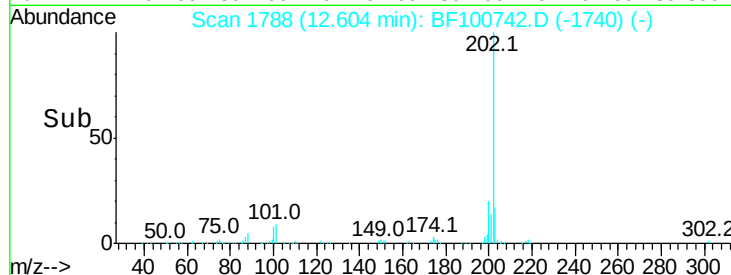
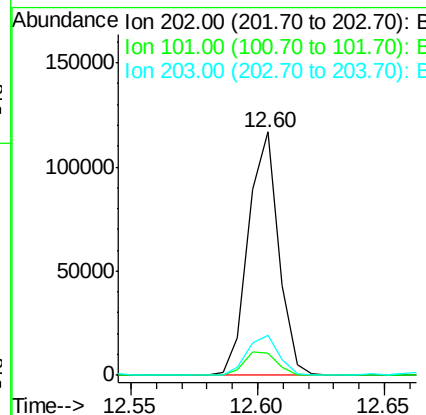
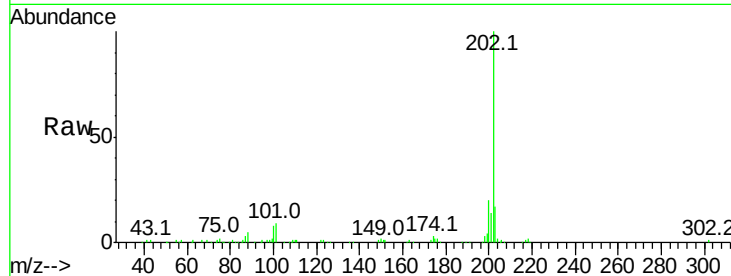
ClientSampleId :

TP-1-(0-5)

Tot Ion:	202	Resp:	96755
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	34.1
203	16.6	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

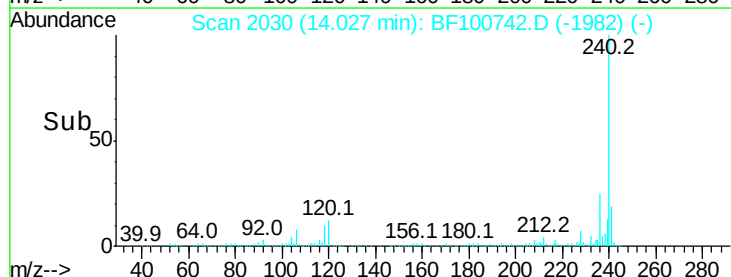
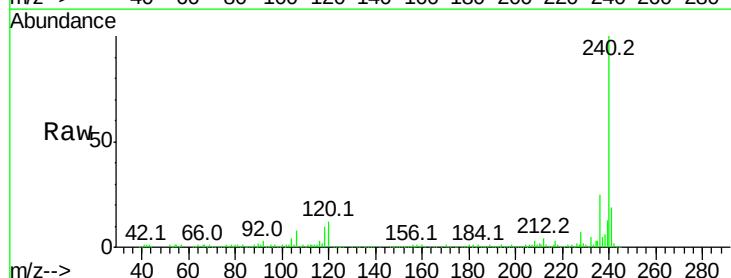
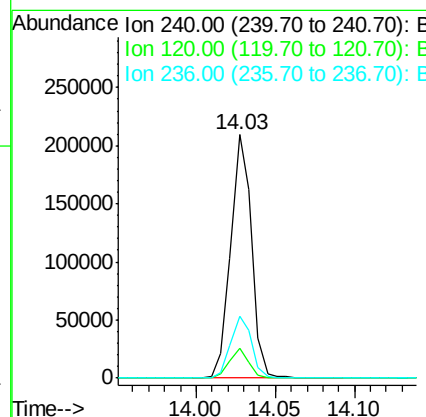
RT: 14.03 min Scan# 2030

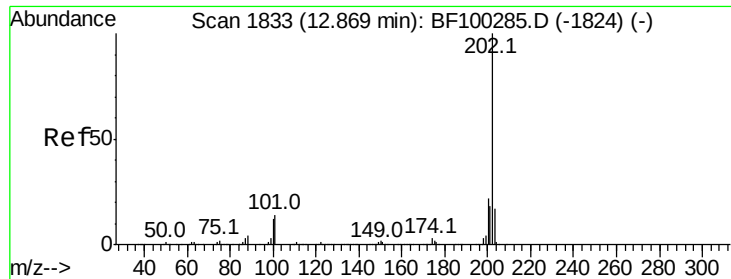
Delta R.T. -0.02 min

Lab File: BF100742.D

Acq: 20 Nov 2017 20:46

Tgt Ion:	240	Resp:	191233
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.5	14.3
236	25.2	20.7	31.1





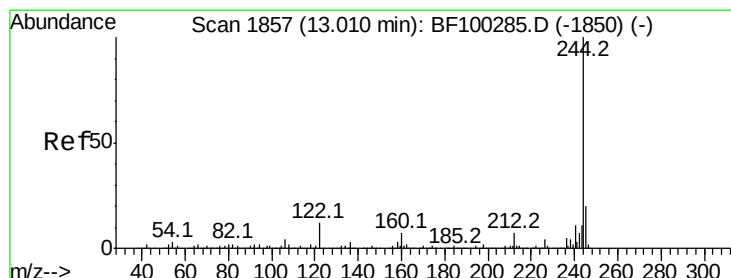
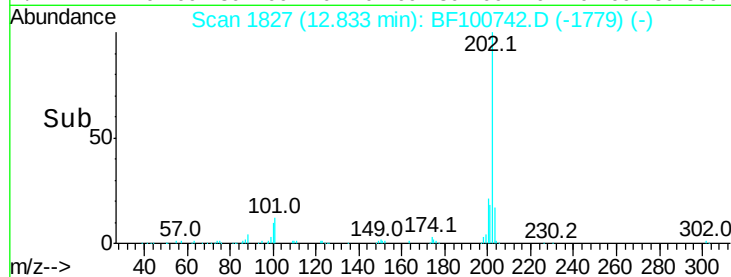
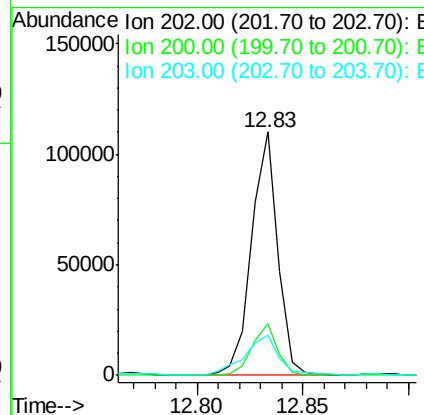
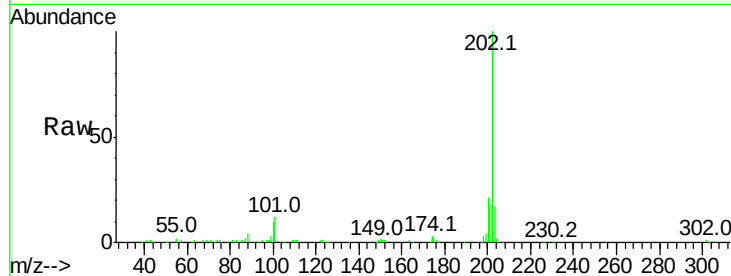
#77
Pvrene
Concen: 6.976 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF100742.D
Acq: 20 Nov 2017 20:46

Instrument :
BNA_F
ClientSampleId :
TP-1-(0-5)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	17.4	26.2
203	16.5	14.3	21.5

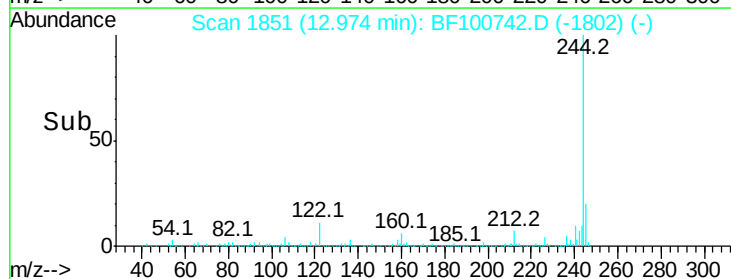
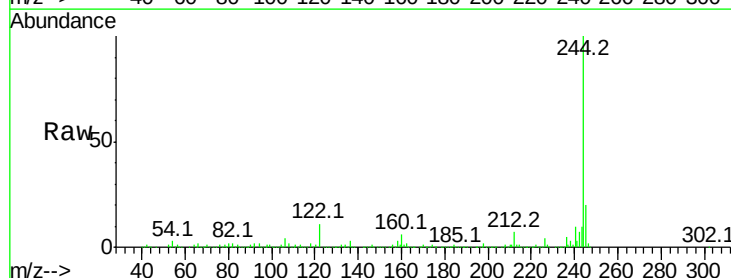
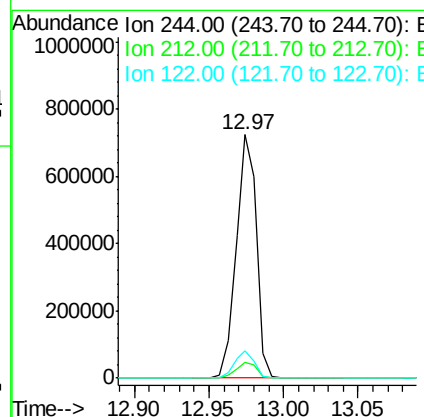
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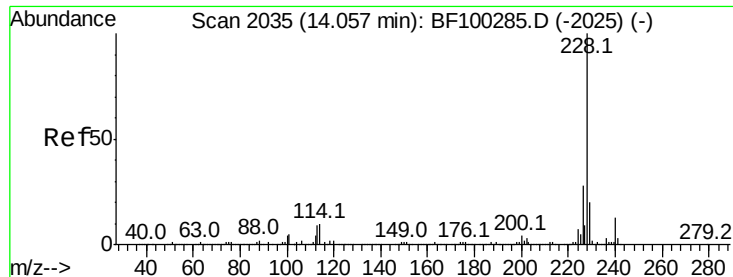
SOHIL
11/21/2017 2:15:36 PM



#78
Terphenyl-d14
Concen: 82.829 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF100742.D
Acq: 20 Nov 2017 20:46

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.4	11.0	16.4





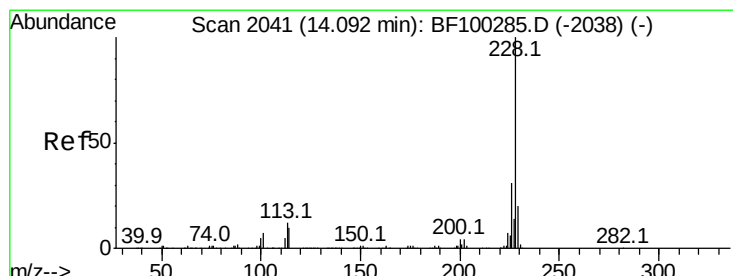
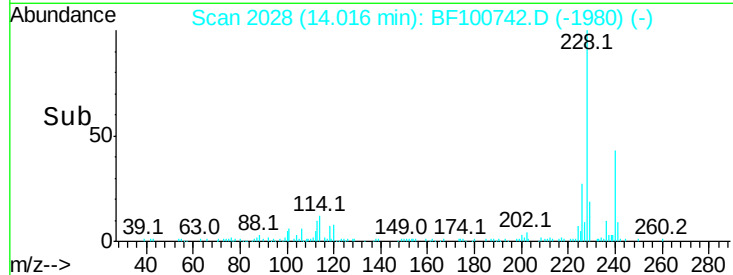
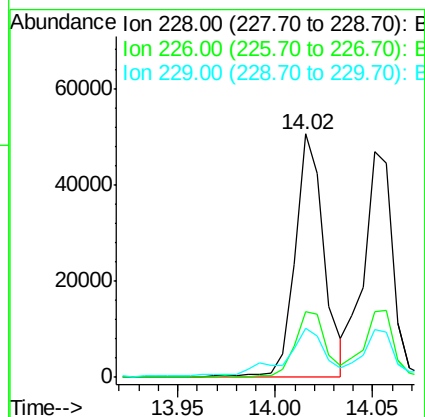
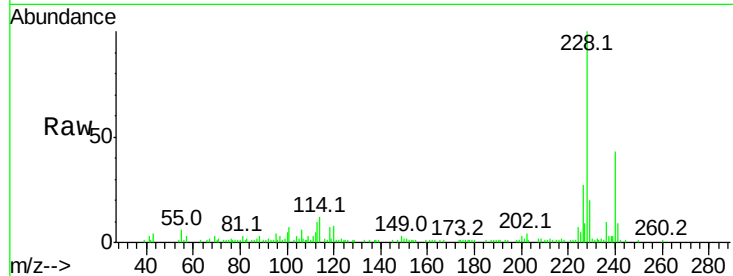
#80
Benzo(a)anthracene
Concen: 4.515 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF100742.D
Acq: 20 Nov 2017 20:46

Instrument :
BNA_F
ClientSampleId :
TP-1-(0-5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	20.0	15.8	23.6

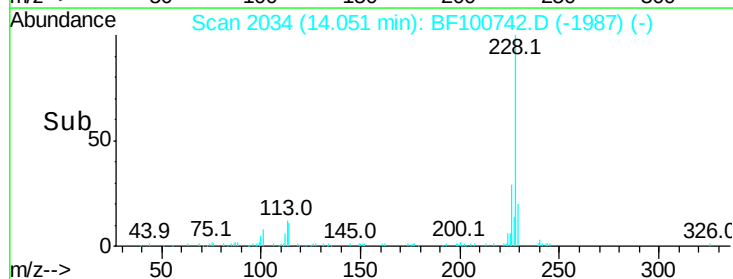
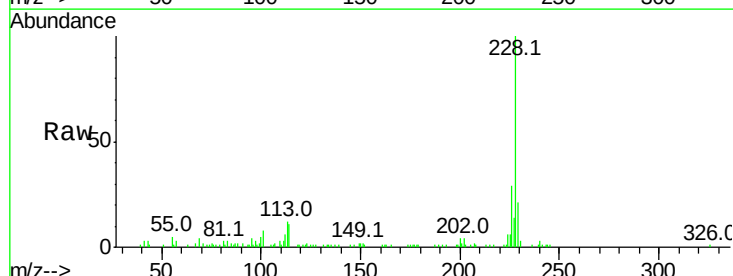
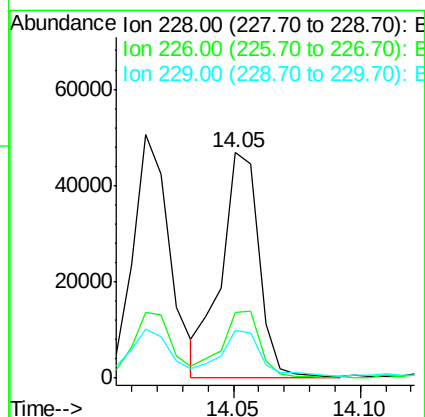
Manual Integrations
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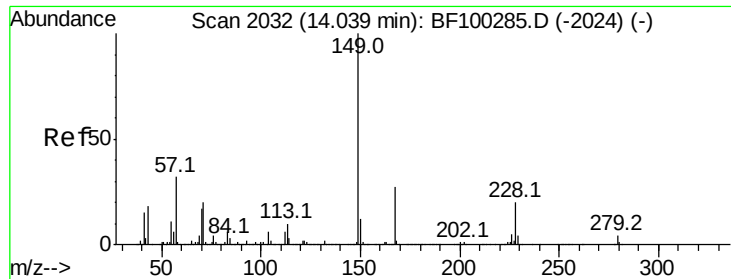
SOHIL
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#82
Chrysene
Concen: 4.318 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF100742.D
Acq: 20 Nov 2017 20:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.0	37.6
229	21.2	16.2	24.4





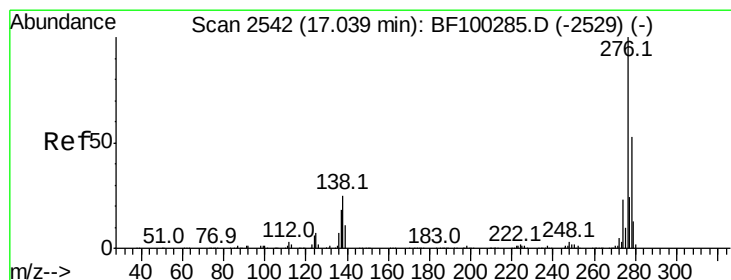
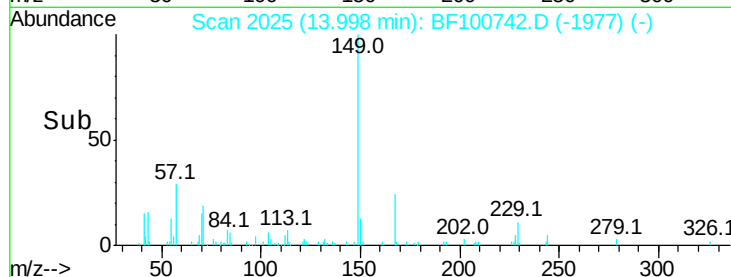
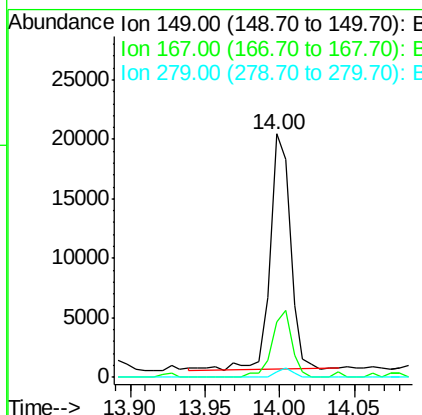
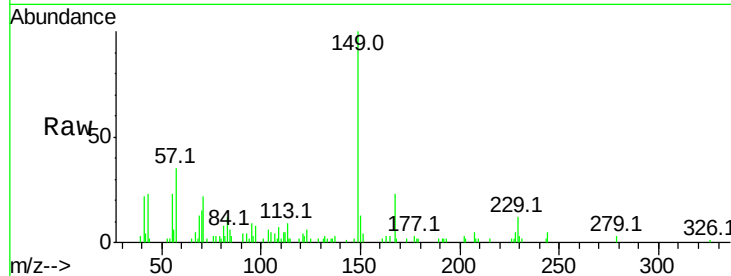
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.530 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BF100742.D
 Acq: 20 Nov 2017 20:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(0-5)

Tot Ion	Ratio	Lower	Upper
149	100		
167	23.0	21.3	31.9
279	2.5	3.0	4.4#

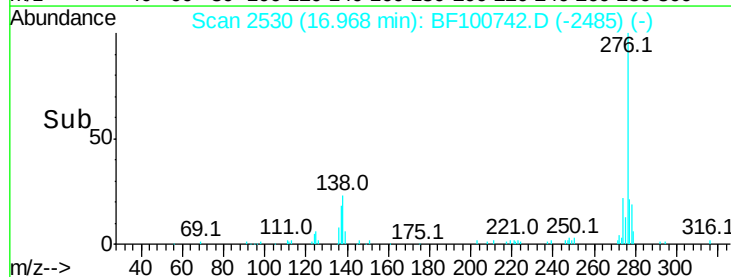
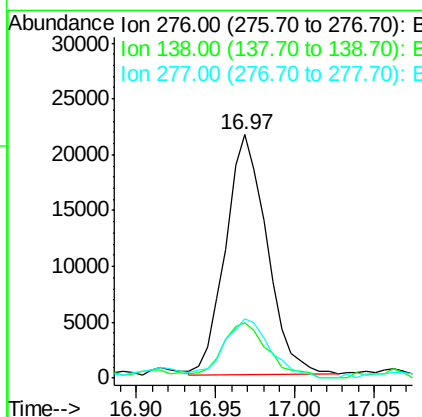
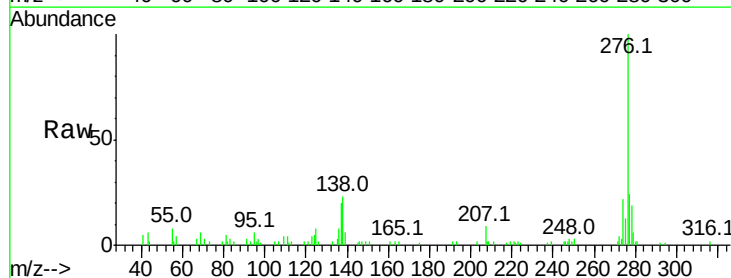
Manual Integrations
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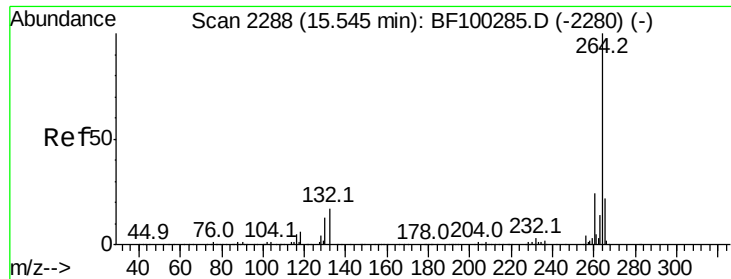
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 11/21/2017 2:15:36 PM



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.319 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. -0.04 min
 Lab File: BF100742.D
 Acq: 20 Nov 2017 20:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	25.0	37.6
277	27.5	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF100742.D

Acq: 20 Nov 2017 20:46

Instrument :

BNA_F

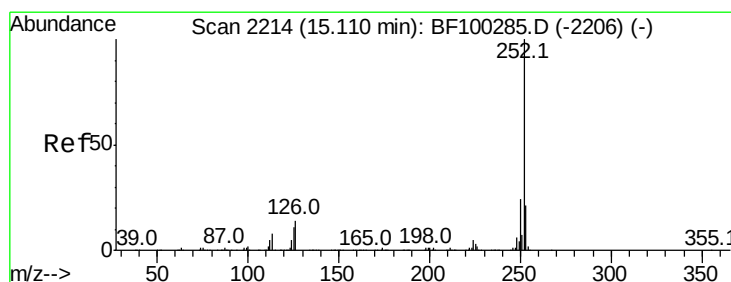
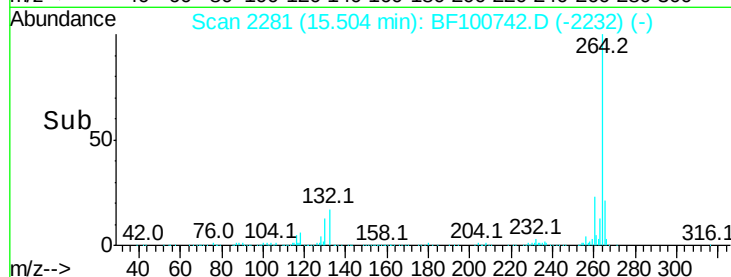
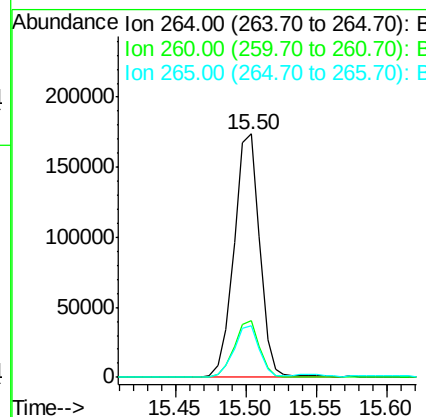
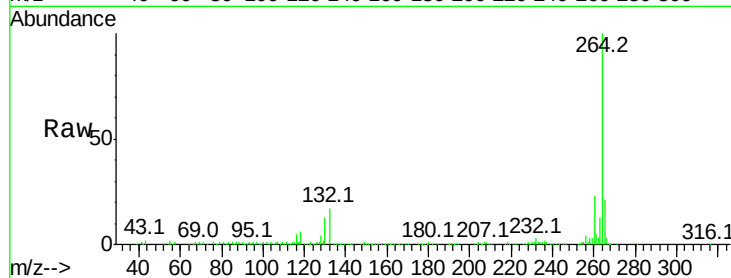
ClientSampleId :

TP-1-(0-5)

Tot Ion:	264	Resp:	220402
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	21.0	17.5	26.3

Manual Integrations
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11/21/2017 2:15:36 PM



#87

Benzo(b)fluoranthene

Concen: 5.321 ng m

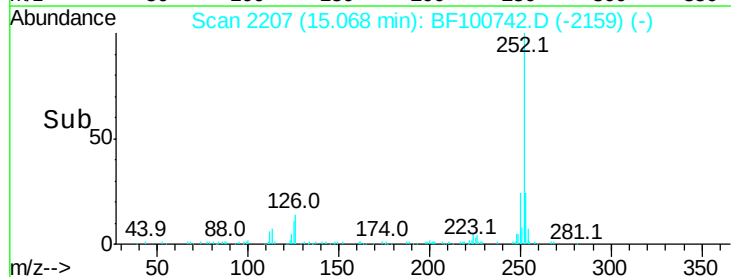
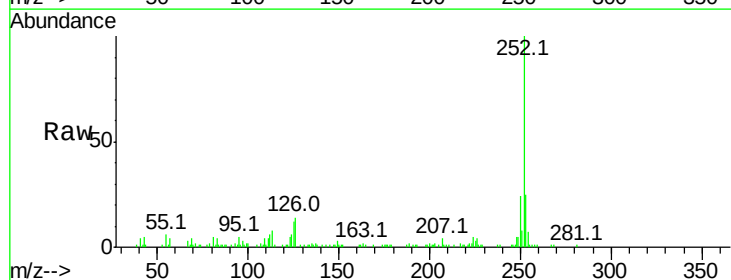
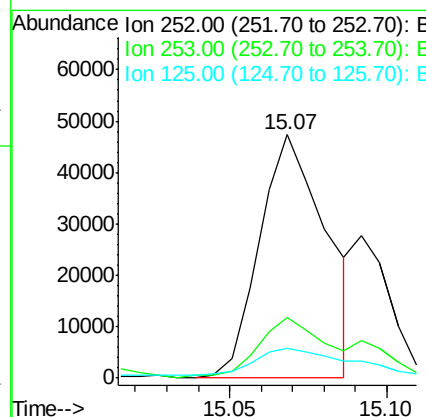
RT: 15.07 min Scan# 2207

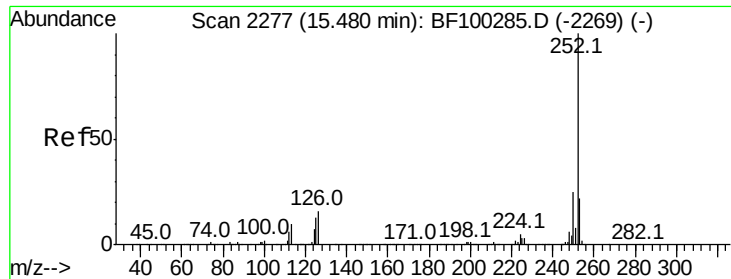
Delta R.T. -0.02 min

Lab File: BF100742.D

Acq: 20 Nov 2017 20:46

Tgt Ion:	252	Resp:	69483
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.0	25.6
125	12.2	9.0	13.6





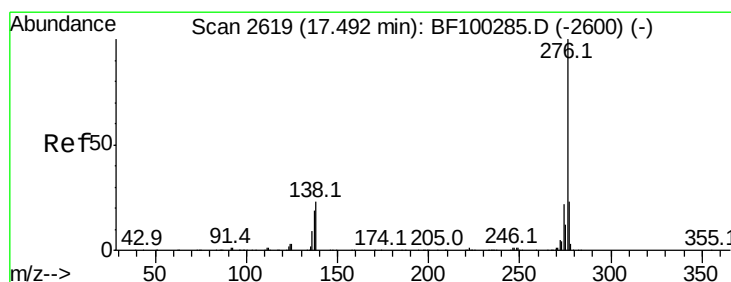
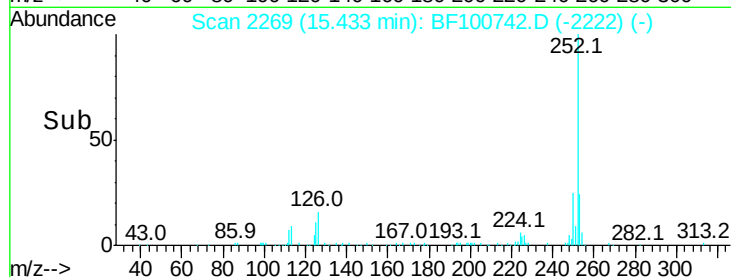
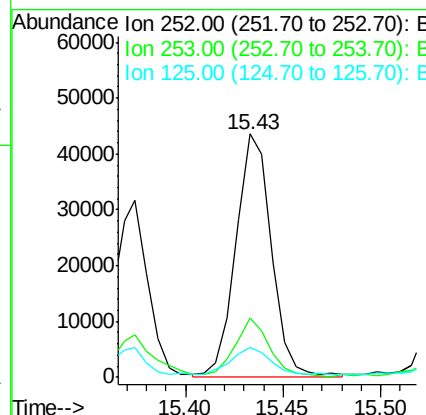
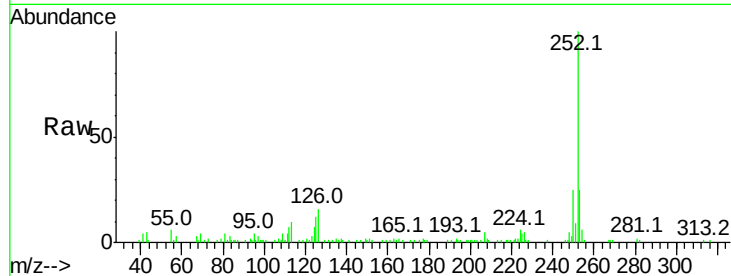
#89
Benzo(a)pyrene
Concen: 4.802 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF100742.D
Acq: 20 Nov 2017 20:46

Instrument :
BNA_F
ClientSampled :
TP-1-(0-5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	12.0	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.467 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.04 min
Lab File: BF100742.D
Acq: 20 Nov 2017 20:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	20.4	21.8	32.8#

