

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
 Data File : BF100541.D
 Acq On : 14 Nov 2017 14:37
 Operator : SJ/JU
 Sample : I6301-09 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-E

Manual Integrations
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SOHIL
 11/15/2017 12:30:01 PM

Quant Time: Nov 14 15:42:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 14:17:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	125640	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	464262	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	181590	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	281346	20.00	ng	0.00
75) Chrysene-d12	14.04	240	280074	20.00	ng	0.00
86) Perylene-d12	15.52	264	231314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	203593	25.98	ng	0.00
7) Phenol-d6	6.50	99	241176	24.95	ng	-0.01
23) Nitrobenzene-d5	7.44	82	138907	19.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	36479	19.71	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	231303	19.40	ng	0.00
78) Terphenyl-d14	12.99	244	156682	12.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.63	163	42662	3.077	ng	Qvalue # 97
70) Phenanthrene	11.43	178	65934	4.451	ng	98
74) Fluoranthene	12.62	202	119214	7.594	ng	97
77) Pyrene	12.84	202	108019	5.410	ng	97
80) Benzo(a)anthracene	14.03	228	58674	3.479	ng	97
82) Chrysene	14.07	228	55080	3.372	ng	98
87) Benzo(b)fluoranthene	15.09	252	61787m	4.509	ng	
89) Benzo(a)pyrene	15.45	252	39976	3.290	ng	# 91
91) Benzo(g,h,i)perylene	17.45	276	21605	2.221	ng	# 93

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

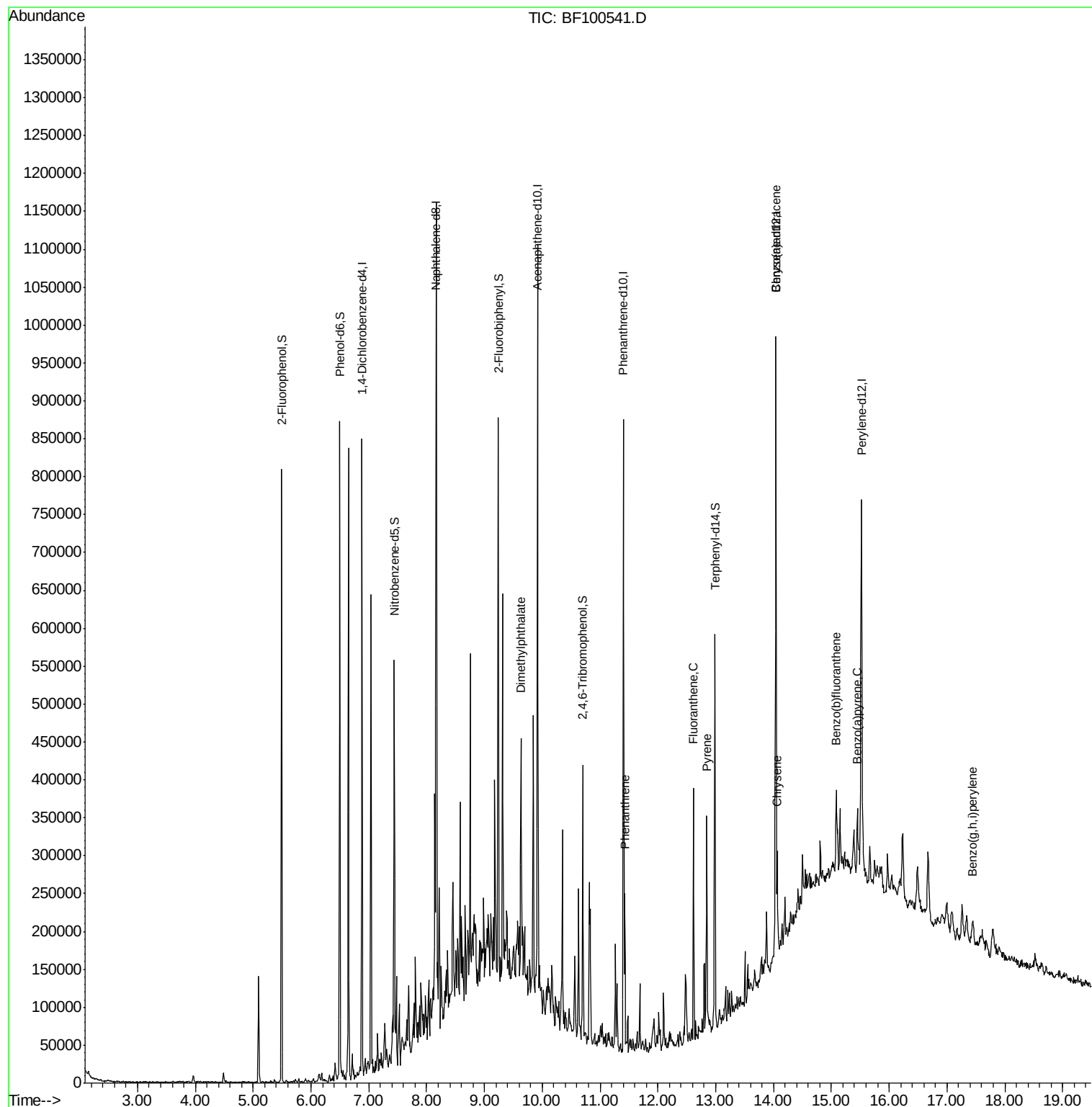
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100541.D
Acq On : 14 Nov 2017 14:37
Operator : SJ/JU
Sample : I6301-09 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

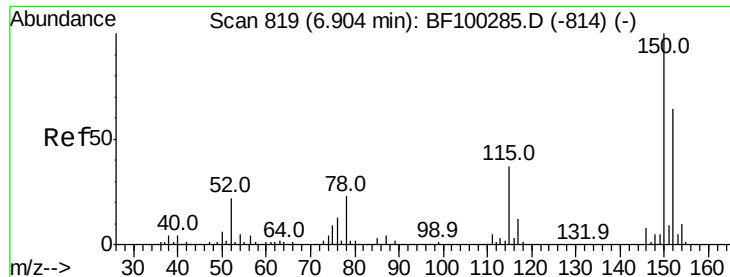
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Manual Integrations
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Quant Time: Nov 14 15:42:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

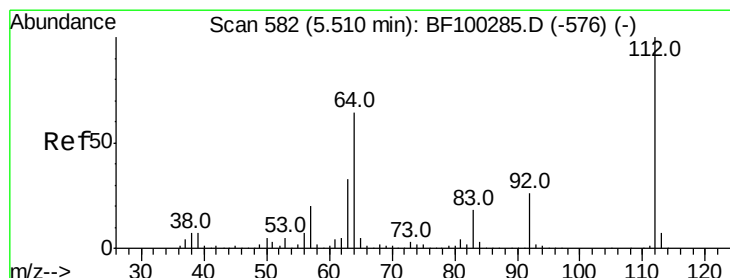
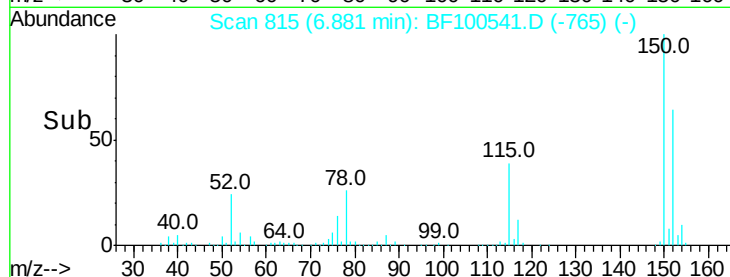
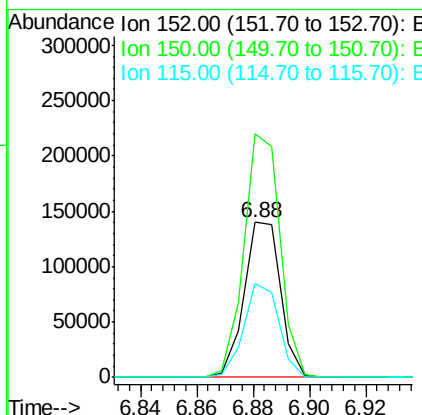
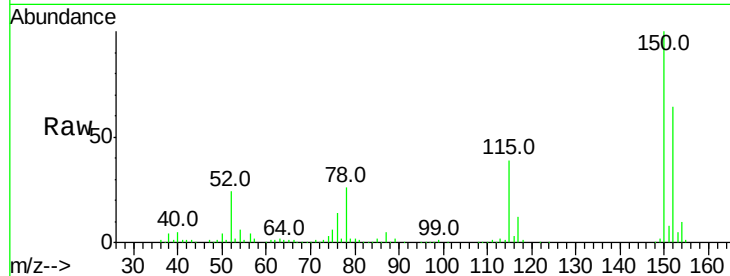
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100541.D
Acq: 14 Nov 2017 14:37

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	60.9	50.1	75.1

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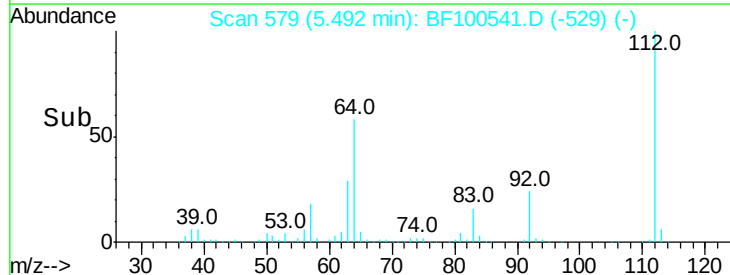
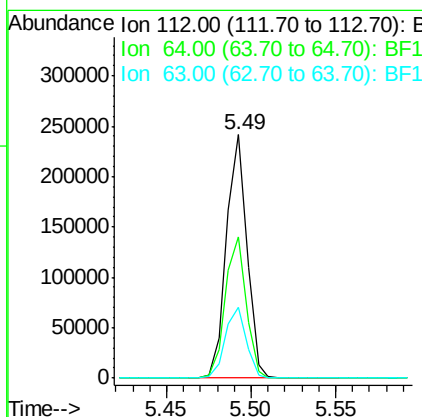
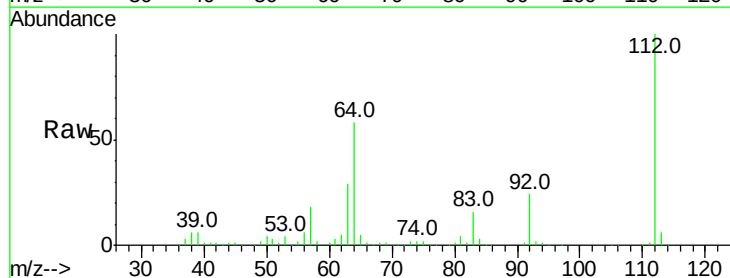
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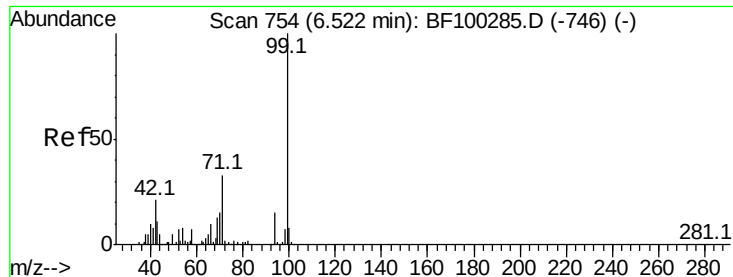


#5

2-Fluorophenol
Concen: 25.976 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF100541.D
Acq: 14 Nov 2017 14:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	29.0	23.7	35.5





#7

Phenol-d6

Concen: 24.953 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100541.D

Acq: 14 Nov 2017 14:37

Instrument :

BNA_F

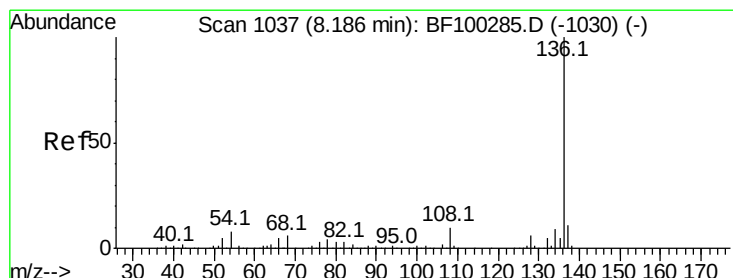
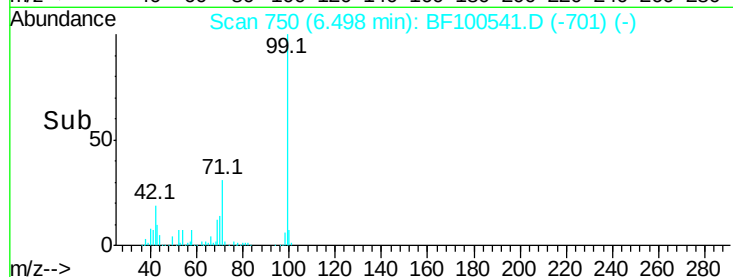
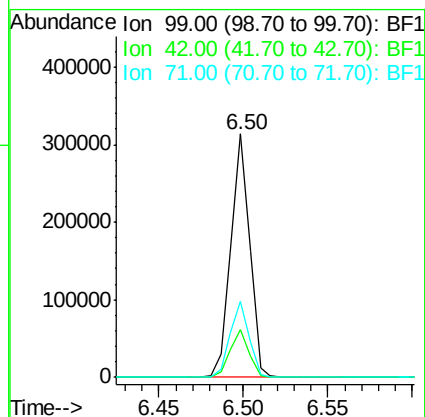
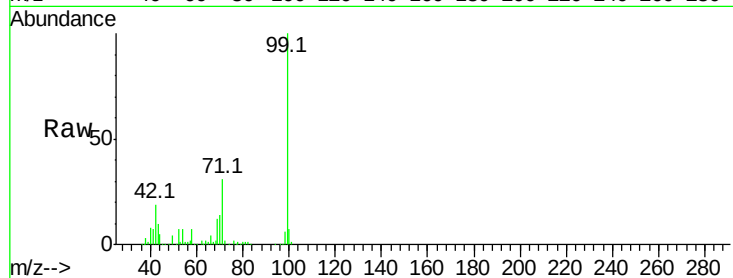
ClientSampleId :

JC-02-110917-E

Tot Ion:	99	Resp:	241176
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.5	21.7
71	31.0	25.4	38.0

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

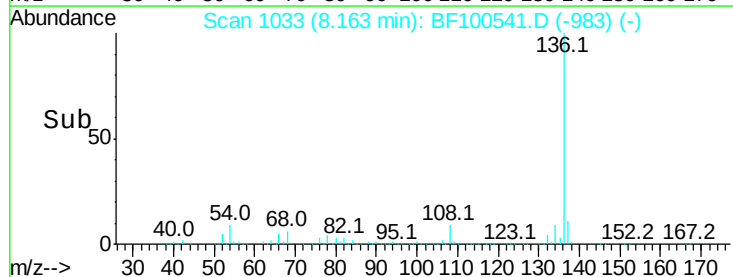
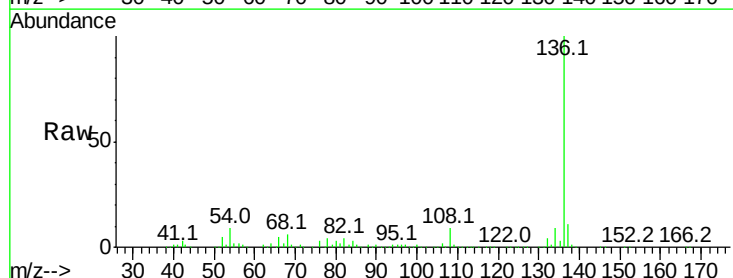
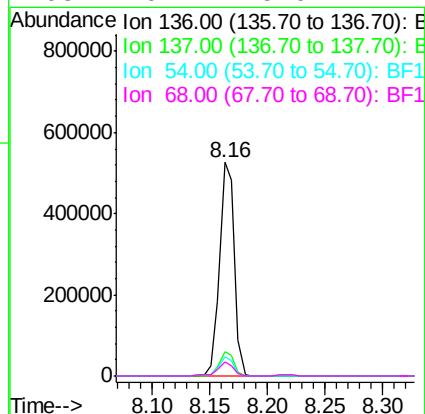
RT: 8.16 min Scan# 1033

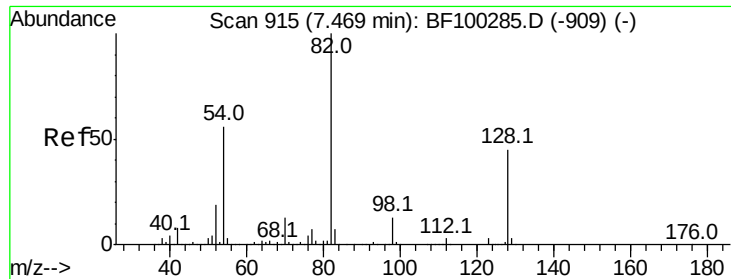
Delta R.T. -0.01 min

Lab File: BF100541.D

Acq: 14 Nov 2017 14:37

Tgt Ion:	136	Resp:	464262
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	9.3	6.6	9.8
68	6.4	5.0	7.4





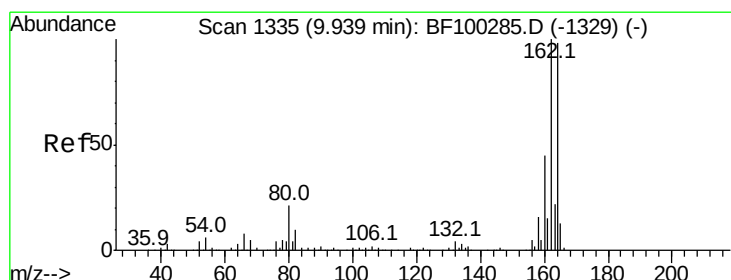
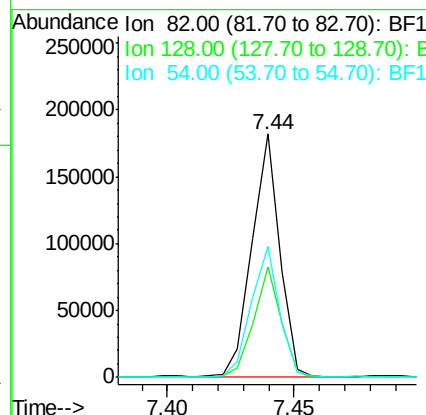
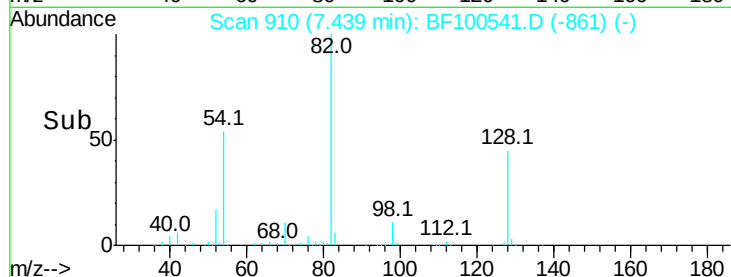
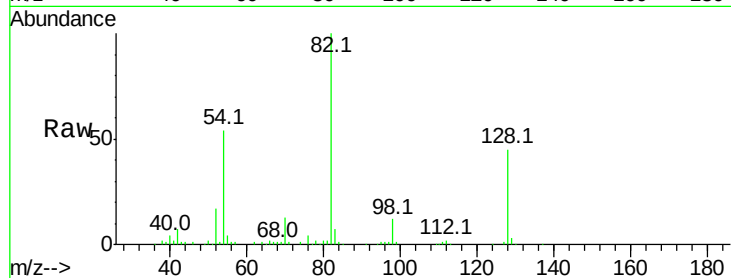
#23
Nitrobenzene-d5
Concen: 19.781 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100541.D
Acq: 14 Nov 2017 14:37

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	54.0	41.4	62.2

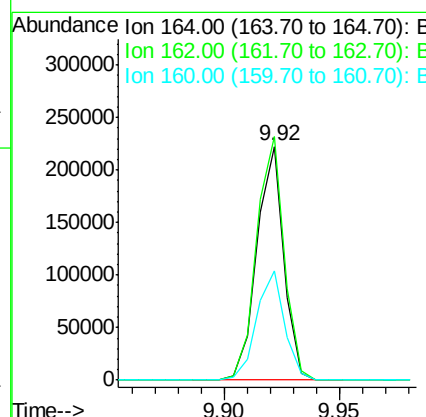
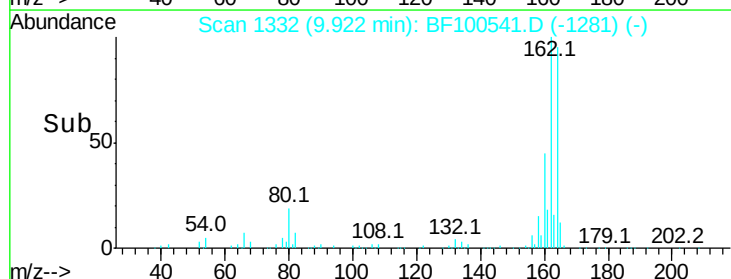
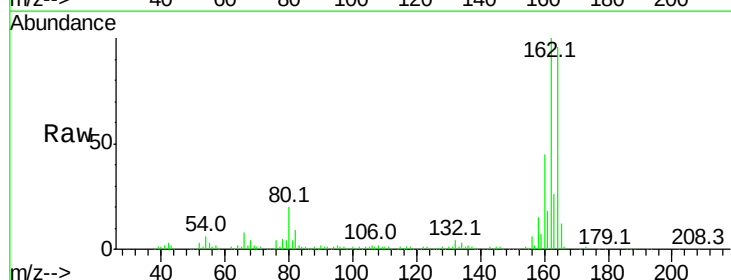
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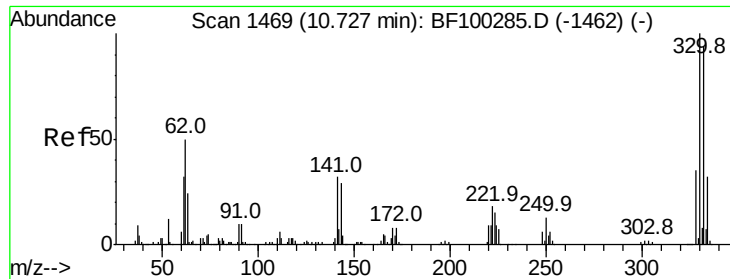
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF100541.D
Acq: 14 Nov 2017 14:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.9	38.3	57.5





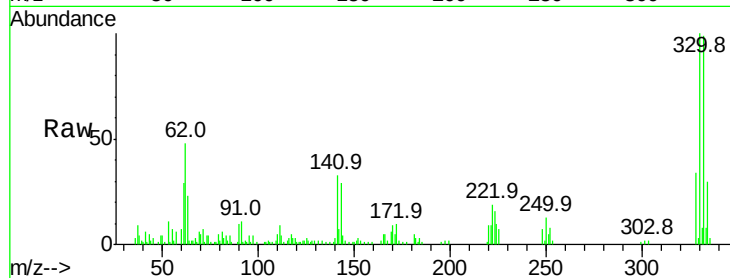
#41
 2,4,6-Tribromophenol
 Concen: 19.714 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100541.D
 Acq: 14 Nov 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-E

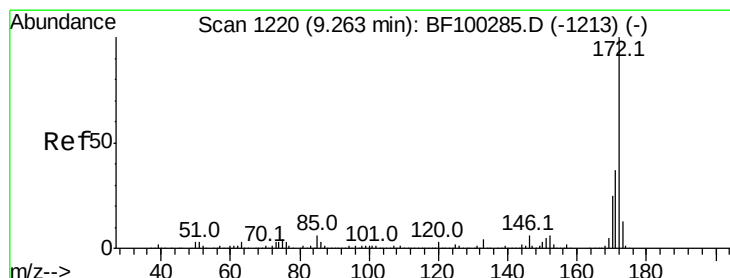
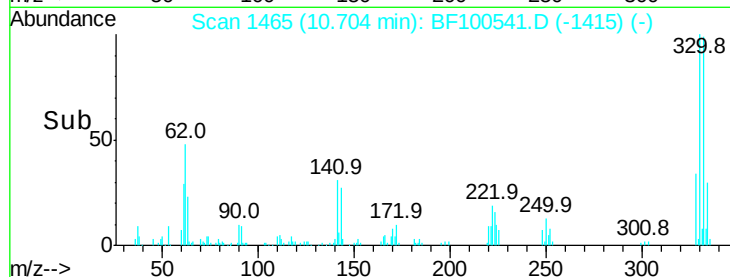
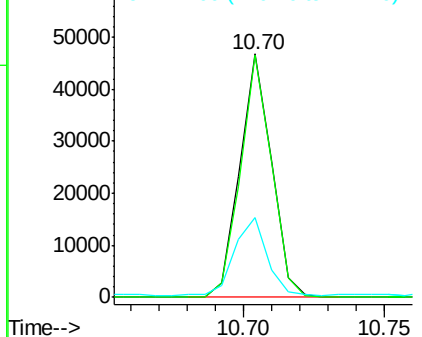
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	32.7	29.9	44.9

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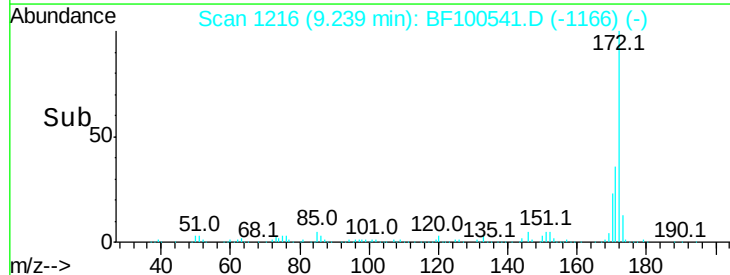
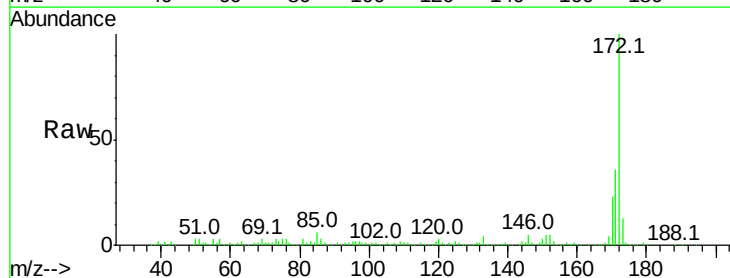
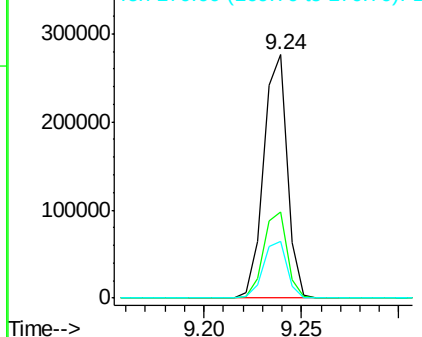
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

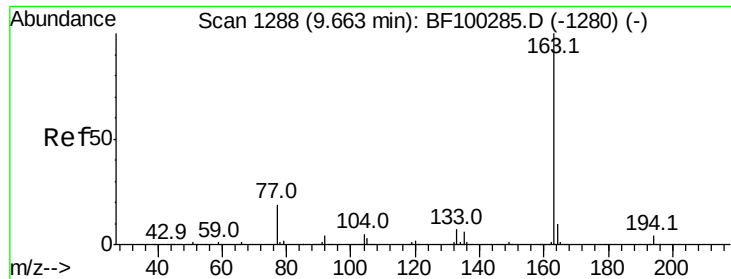


#44
 2-Fluorobiphenyl
 Concen: 19.396 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100541.D
 Acq: 14 Nov 2017 14:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.3	19.6	29.4

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





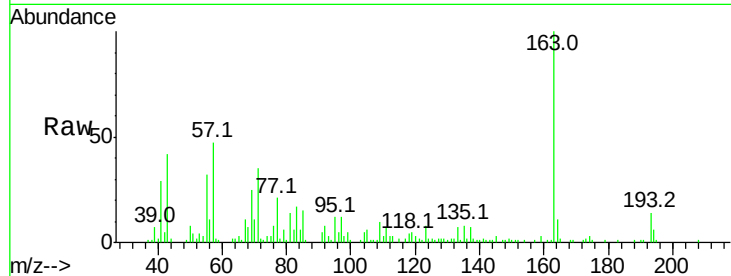
#49
Dimethylphthalate
Concen: 3.077 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100541.D
Acq: 14 Nov 2017 14:37

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

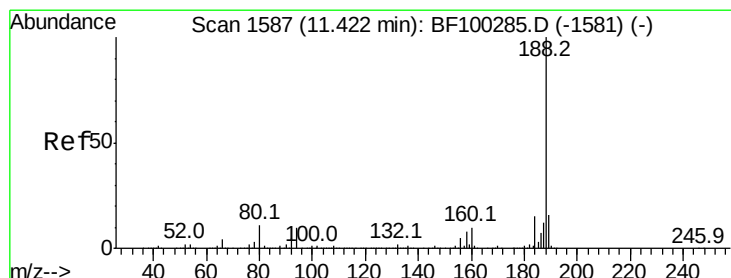
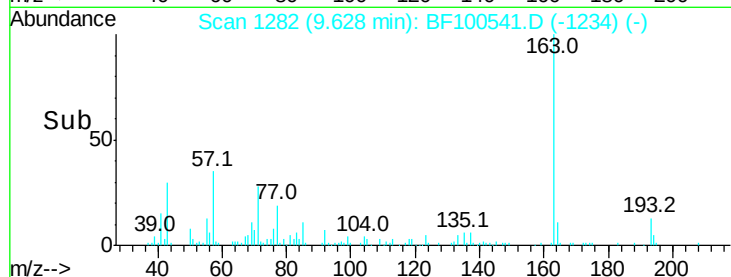
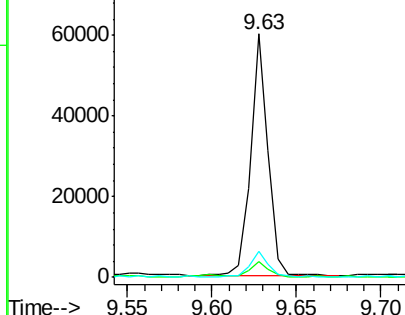
Tot Ion	Ratio	Resp	Lower	Upper
163	100	42662		
194	6.3	2.7	4.1#	
164	10.8	8.2	12.2	

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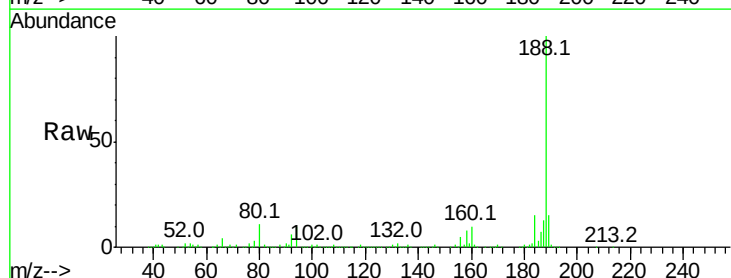


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

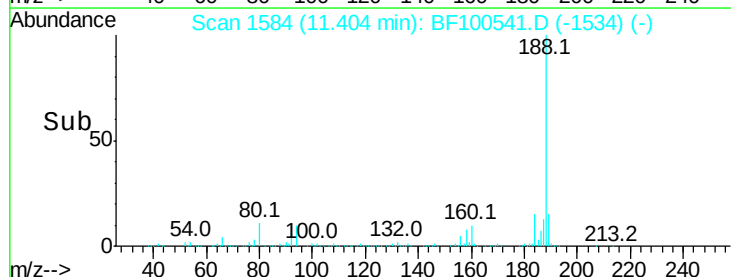
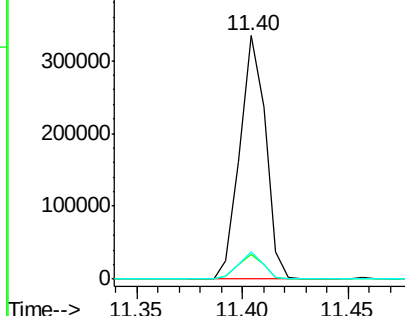


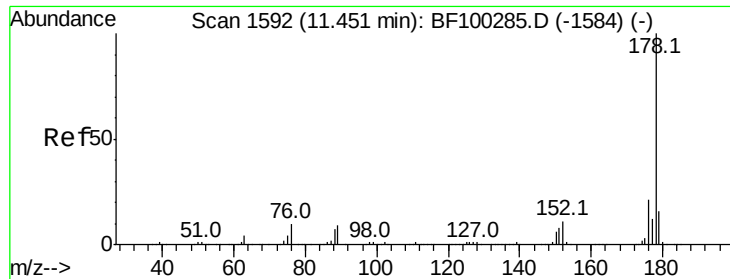
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100541.D
Acq: 14 Nov 2017 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	281346		
94	10.1	8.5	12.7	
80	11.0	9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





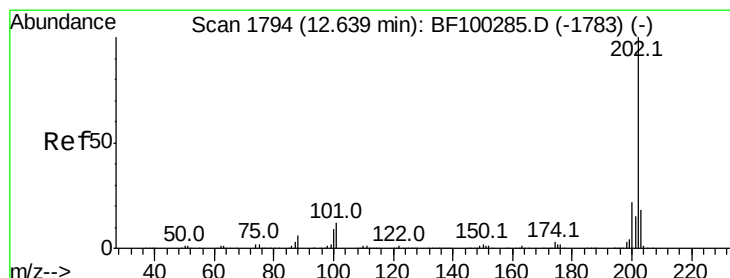
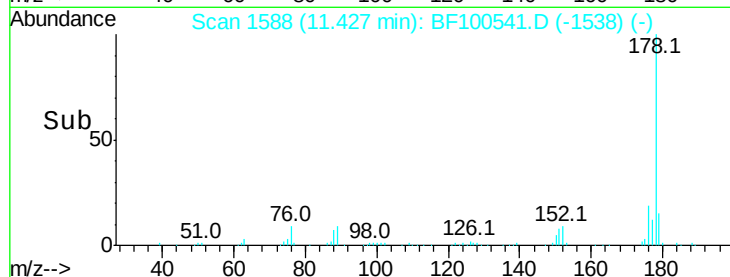
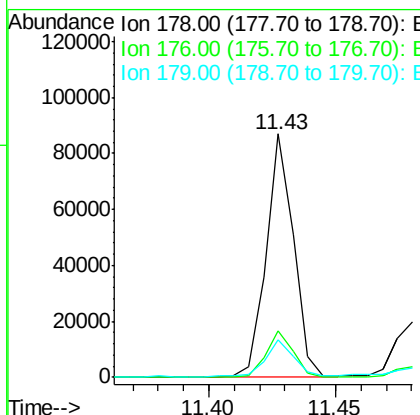
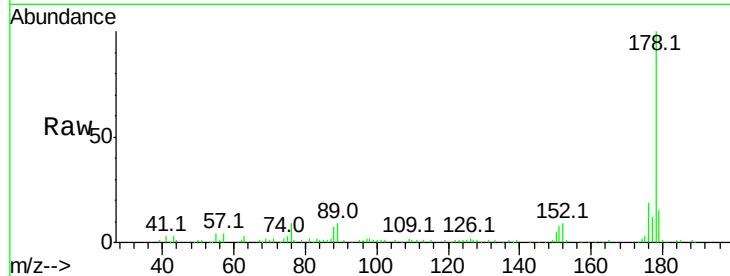
#70
Phenanthrene
Concen: 4.451 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF100541.D
Acq: 14 Nov 2017 14:37

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.5	13.0	19.6

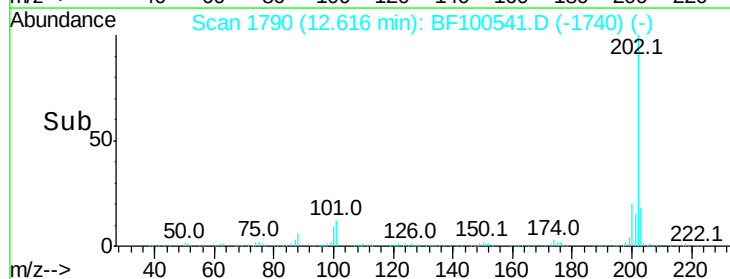
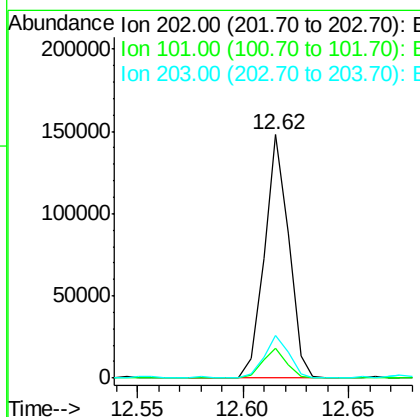
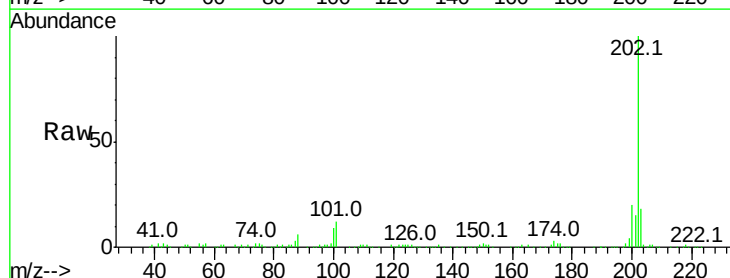
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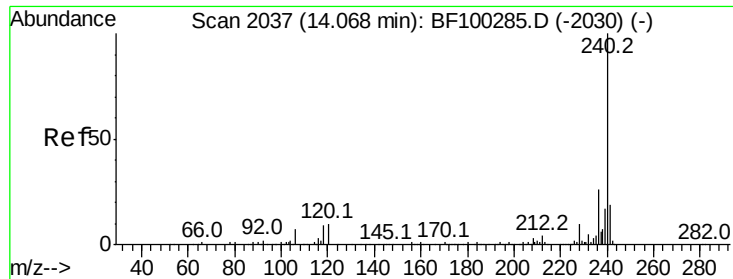
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#74
Fluoranthene
Concen: 7.594 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF100541.D
Acq: 14 Nov 2017 14:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF100541.D

Acq: 14 Nov 2017 14:37

Instrument :

BNA_F

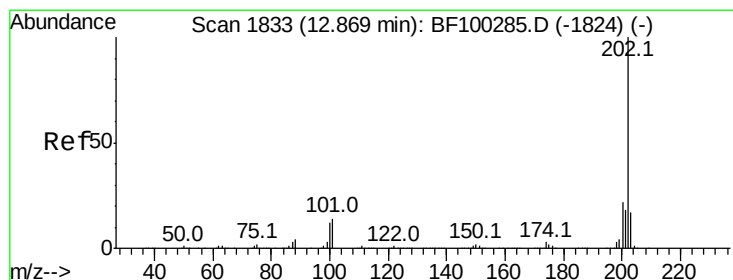
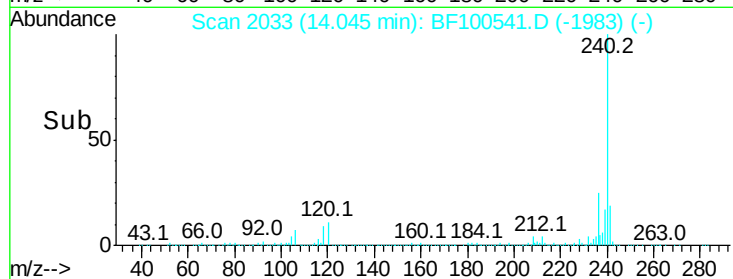
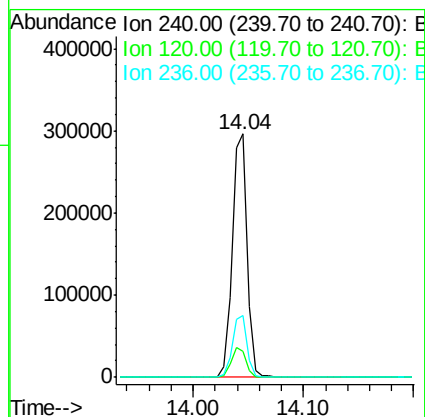
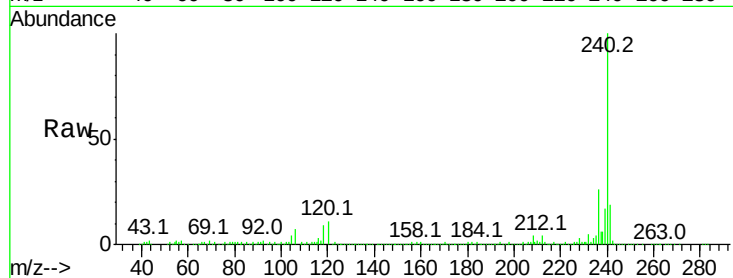
ClientSampled :

JC-02-110917-E

Tot Ion:	240	Resp:	280074
Ion Ratio	Lower	Upper	
240	100		
120	10.6	9.5	14.3
236	25.6	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 5.410 ng

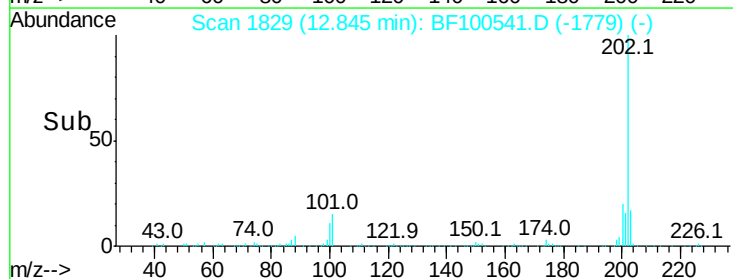
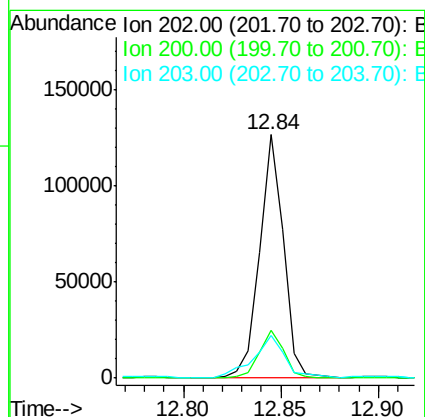
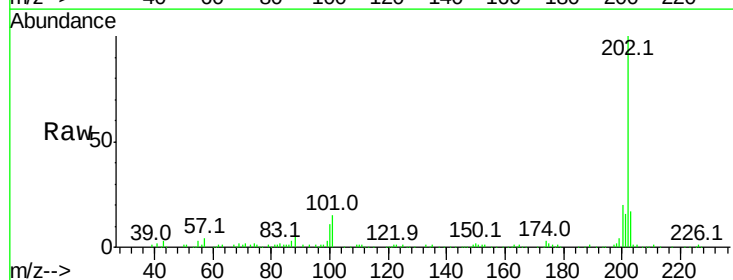
RT: 12.84 min Scan# 1829

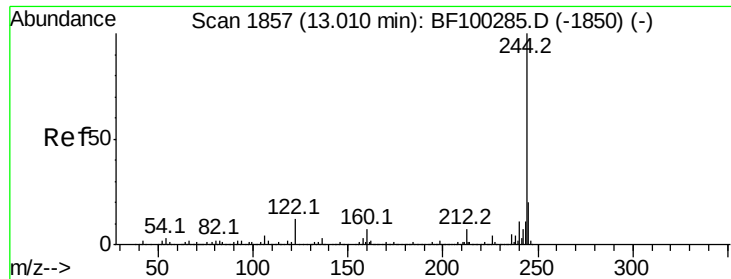
Delta R.T. -0.01 min

Lab File: BF100541.D

Acq: 14 Nov 2017 14:37

Tgt Ion:	202	Resp:	108019
Ion Ratio	Lower	Upper	
202	100		
200	19.9	17.4	26.2
203	17.5	14.3	21.5





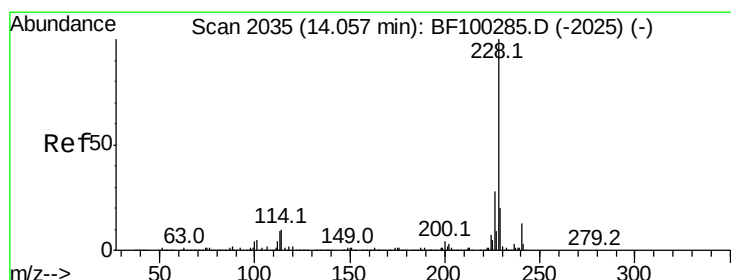
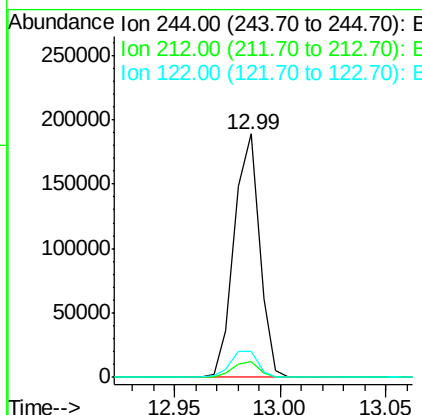
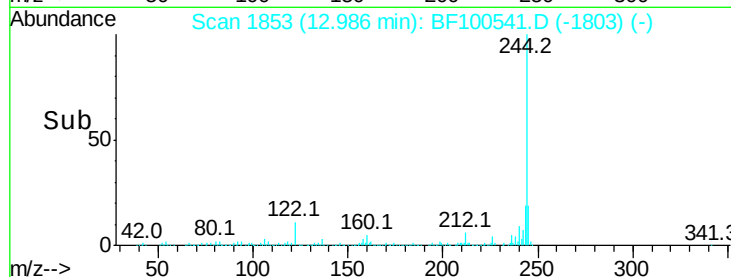
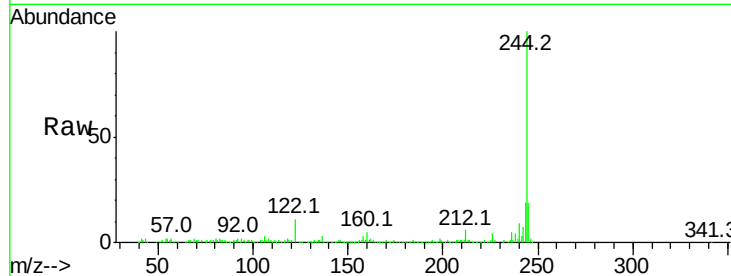
#78
 Terphenyl-d14
 Concen: 12.854 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF100541.D
 Acq: 14 Nov 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-E

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	10.5	11.0	16.4

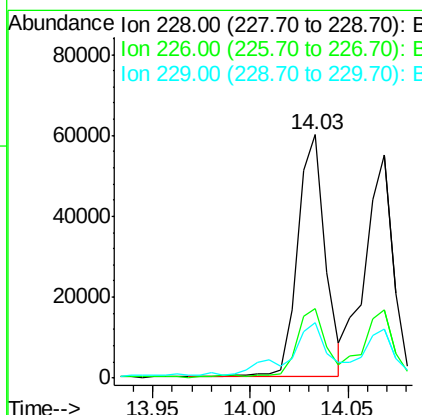
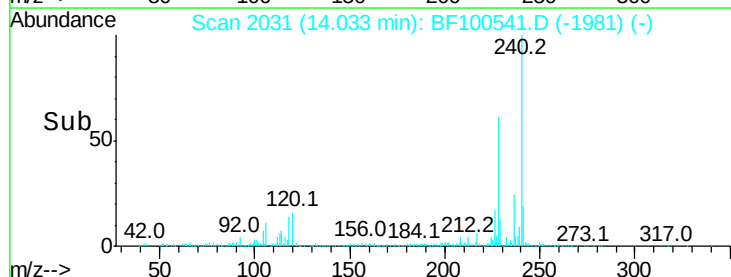
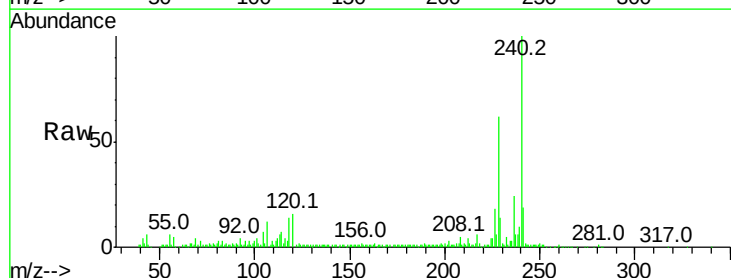
Manual Integrations
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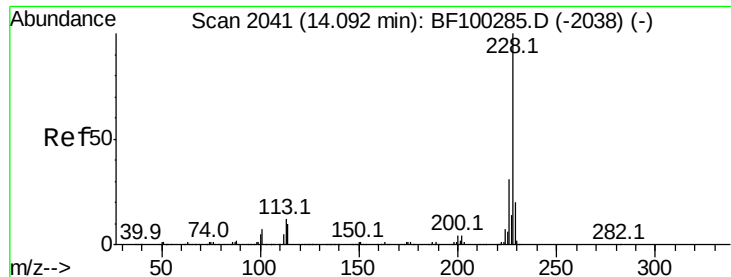
SOHIL
 11/15/2017 12:30:01 PM



#80
 Benzo(a)anthracene
 Concen: 3.479 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF100541.D
 Acq: 14 Nov 2017 14:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	22.9	15.8	23.6





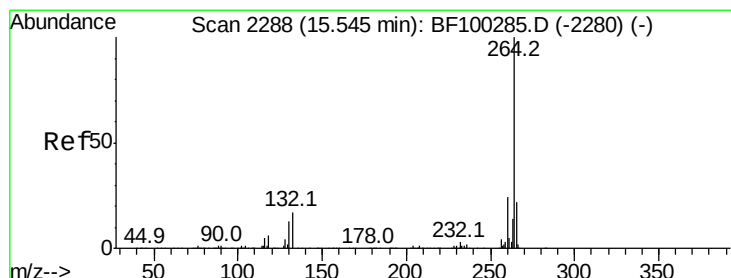
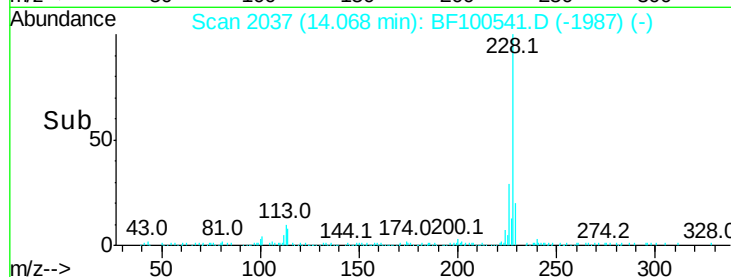
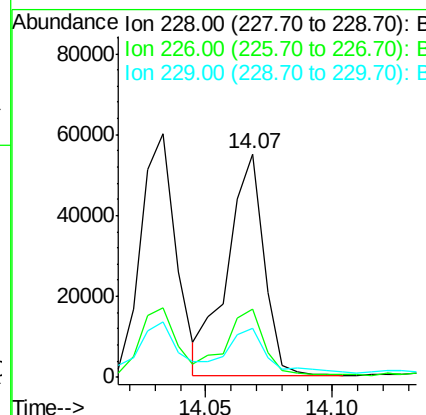
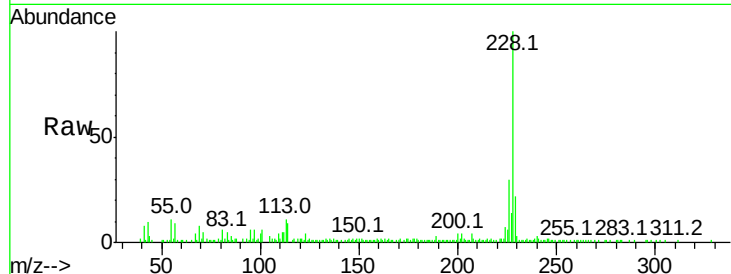
#82
Chrysene
Concen: 3.372 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF100541.D
Acq: 14 Nov 2017 14:37

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-E

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.8	16.2	24.4

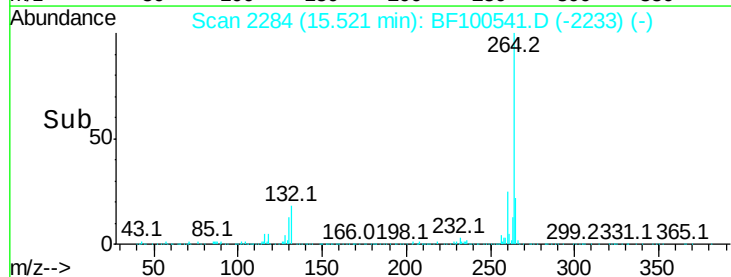
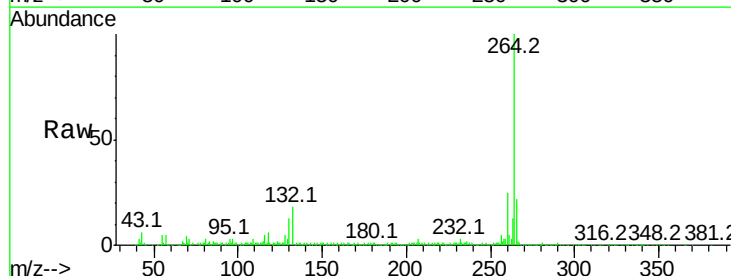
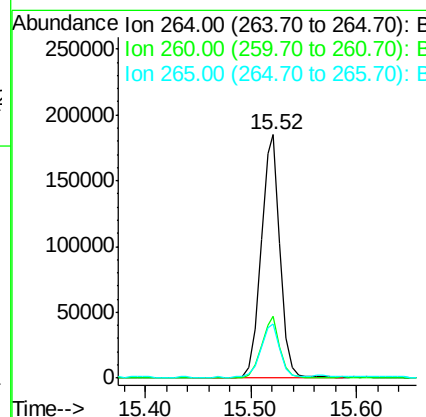
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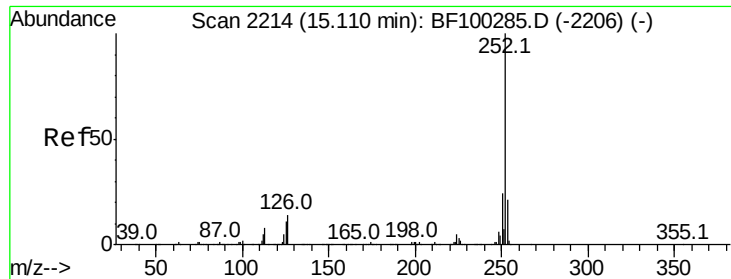
SOHIL
11/15/2017 12:30:01 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BF100541.D
Acq: 14 Nov 2017 14:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	22.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.509 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BF100541.D

Acq: 14 Nov 2017 14:37

Instrument :

BNA_F

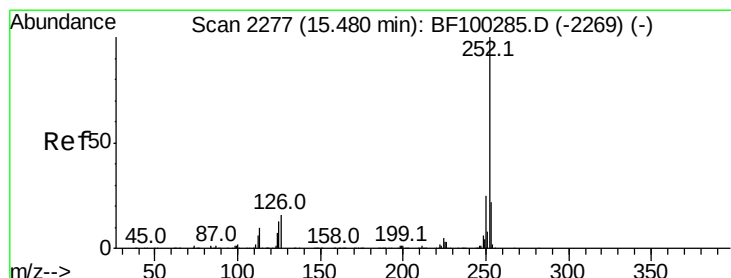
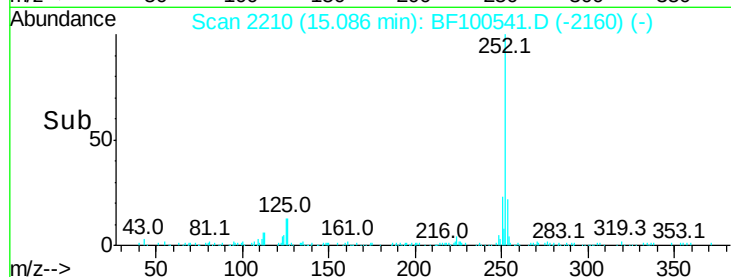
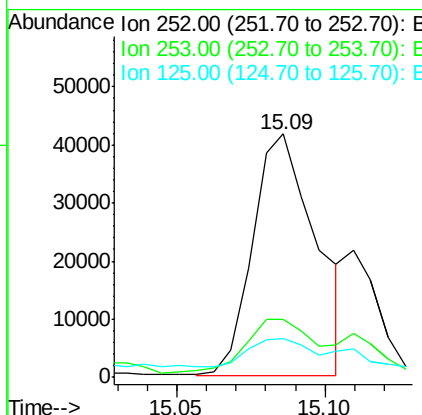
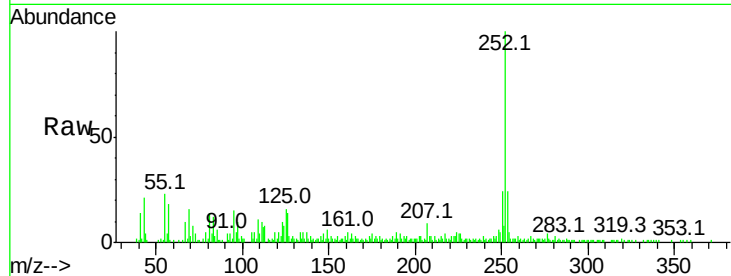
ClientSampleId :

JC-02-110917-E

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	16.0	9.0	13.6

Manual Integrations
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SOHIL
11/15/2017 12:30:01 PM



#89

Benzo(a)pyrene

Concen: 3.290 ng

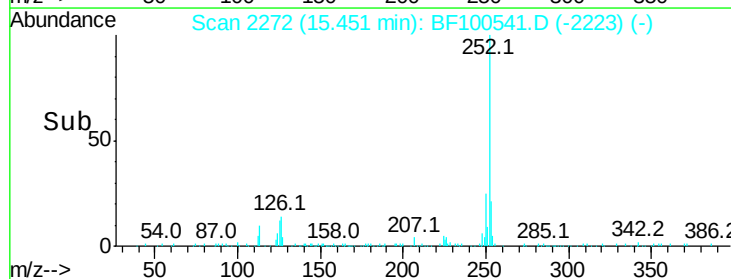
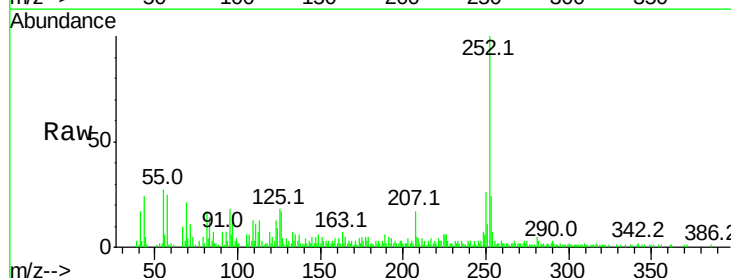
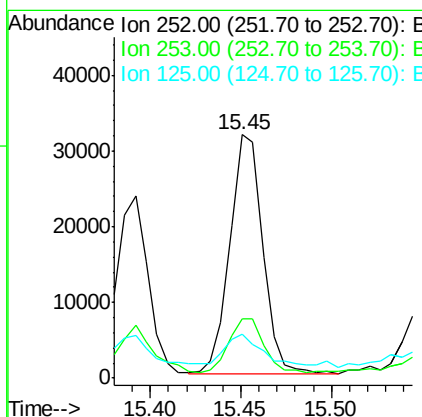
RT: 15.45 min Scan# 2272

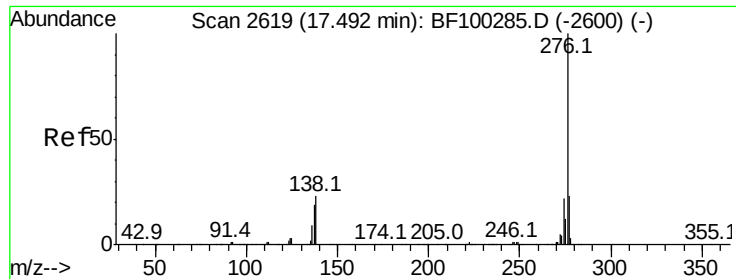
Delta R.T. -0.01 min

Lab File: BF100541.D

Acq: 14 Nov 2017 14:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	17.8	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.221 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF100541.D
 Acq: 14 Nov 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-E

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.5	17.9	26.9#
138	27.1	21.8	32.8

Manual Integrations
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SOHIL
 11/15/2017 12:30:01 PM

