

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100505.D
 Acq On : 13 Nov 2017 16:50
 Operator : SJ/JU
 Sample : I6301-05 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Nov 14 01:37:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 13 14:08:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	89975	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	332972	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	134064	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	216723	20.00	ng	0.00
75) Chrysene-d12	14.05	240	197724	20.00	ng	0.00
86) Perylene-d12	15.53	264	158041	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	251616	44.83	ng	0.00
7) Phenol-d6	6.51	99	303303	43.82	ng	0.00
23) Nitrobenzene-d5	7.45	82	182957	36.33	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	65937	48.27	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	357928	40.65	ng	0.00
78) Terphenyl-d14	12.99	244	249856	29.04	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.63	163	50899	4.973	ng	Qvalue # 99
70) Phenanthrene	11.43	178	38221	3.350	ng	99
74) Fluoranthene	12.62	202	53953	4.461	ng	96
77) Pyrene	12.85	202	48916	3.471	ng	98
80) Benzo(a)anthracene	14.04	228	28013	2.353	ng	91
82) Chrysene	14.07	228	28475m	2.470	ng	
87) Benzo(b)fluoranthene	15.09	252	30874m	3.297	ng	
89) Benzo(a)pyrene	15.46	252	19908	2.398	ng	# 90

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

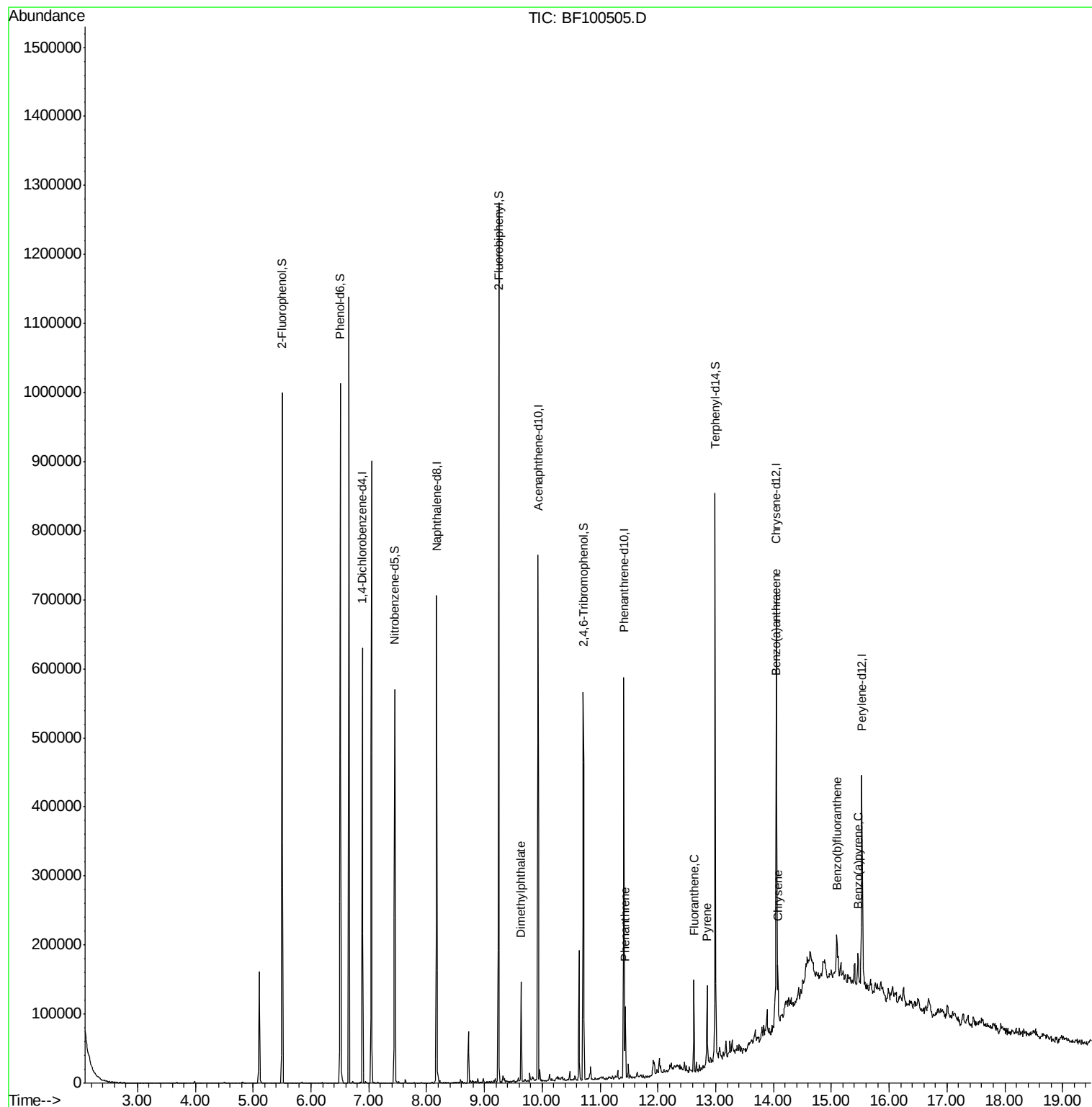
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100505.D
Acq On : 13 Nov 2017 16:50
Operator : SJ/JU
Sample : I6301-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

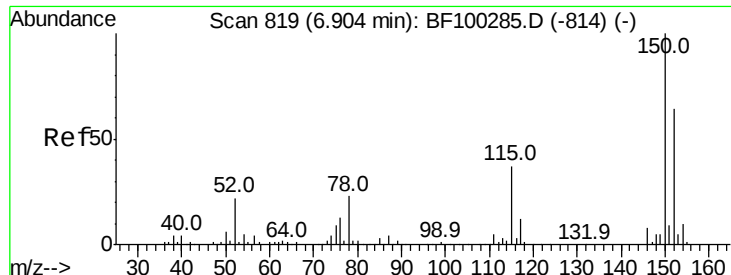
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-C

Manual Integrations
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Quant Time: Nov 14 01:37:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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#1

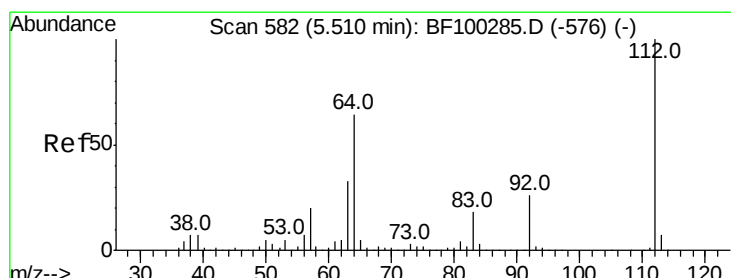
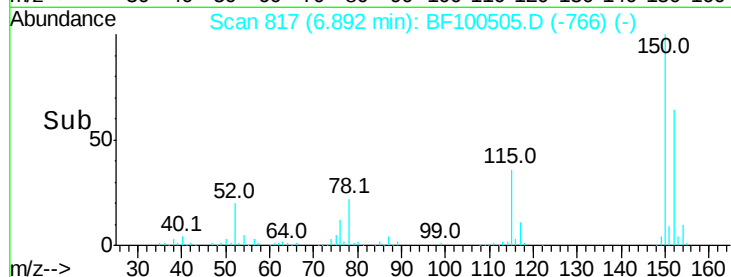
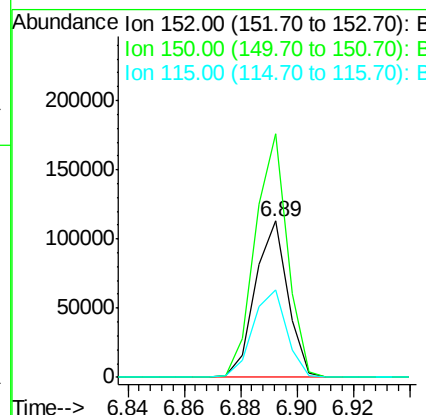
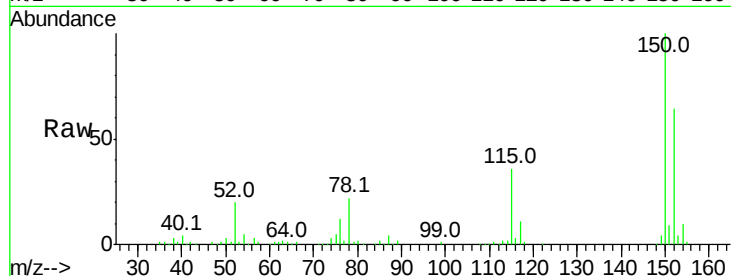
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF100505.D
Acq: 13 Nov 2017 16:50

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	55.8	50.1	75.1

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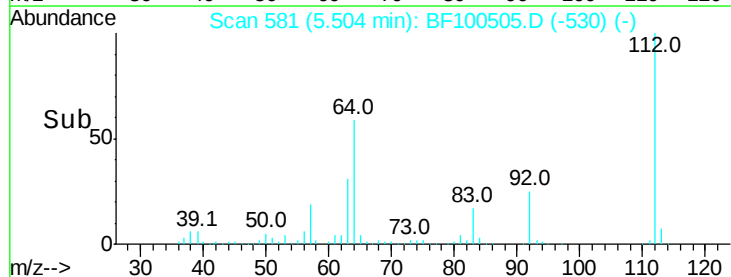
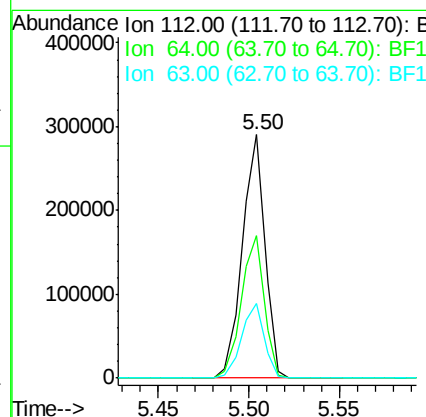
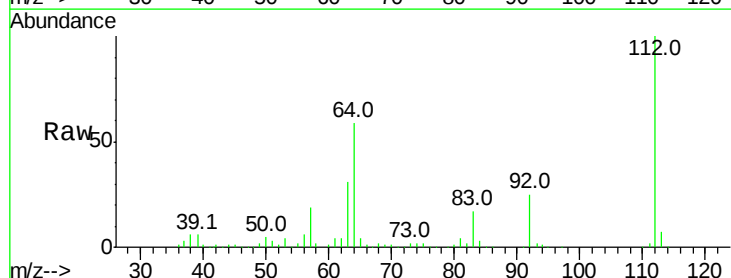
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#5

2-Fluorophenol
Concen: 44.828 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF100505.D
Acq: 13 Nov 2017 16:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	30.5	23.7	35.5





#7

Phenol-d6

Concen: 43.820 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100505.D

Acq: 13 Nov 2017 16:50

Instrument :

BNA_F

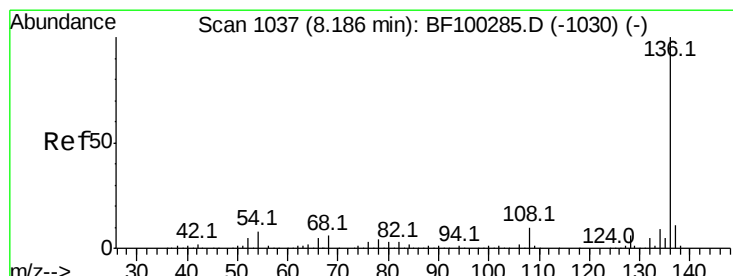
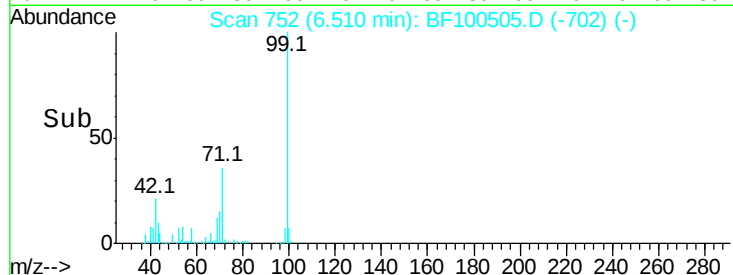
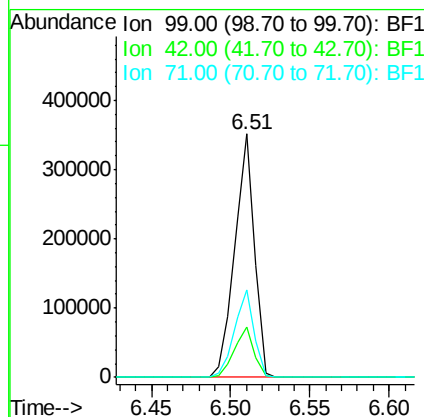
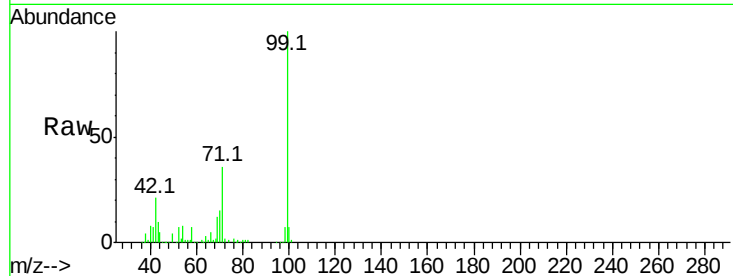
ClientSampleId :

JC-02-110917-C

Tot Ion	99	Resp	303303
Ion Ratio	Lower	Upper	
99	100		
42	20.9	14.5	21.7
71	35.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

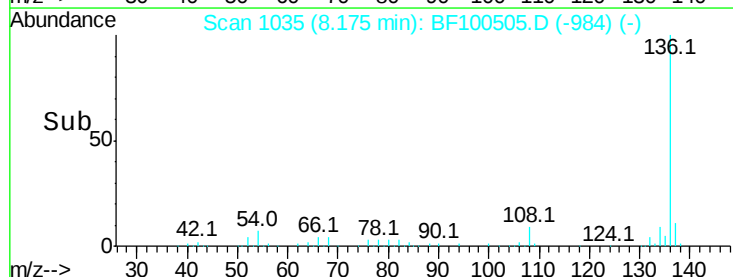
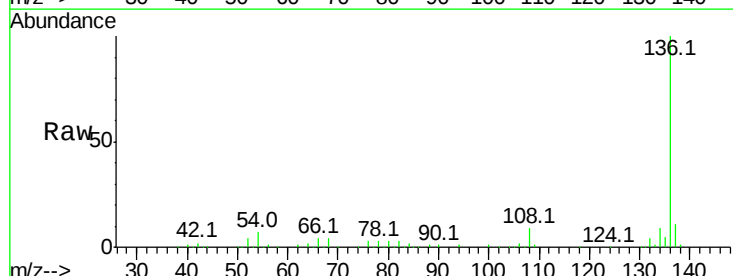
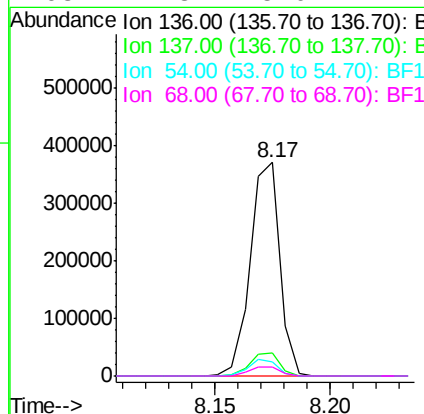
RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF100505.D

Acq: 13 Nov 2017 16:50

Tgt Ion	136	Resp	332972
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	6.8	6.6	9.8
68	4.3	5.0	7.4#





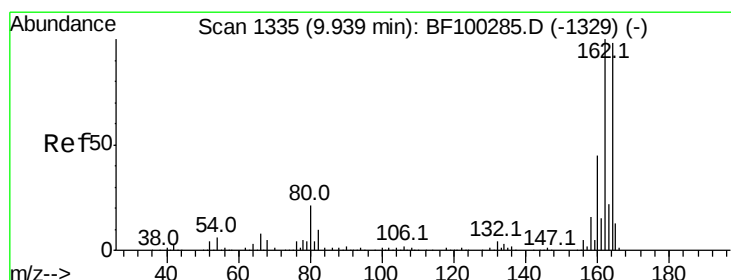
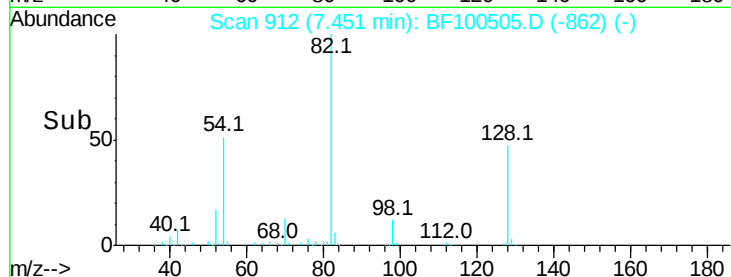
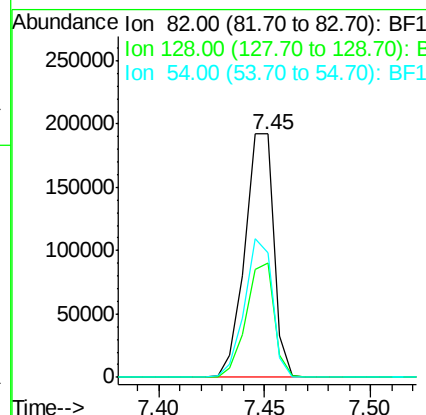
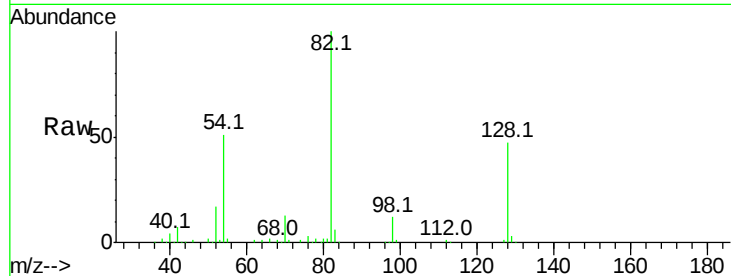
#23
 Nitrobenzene-d5
 Concen: 36.327 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF100505.D
 Acq: 13 Nov 2017 16:50

Instrument :
 BNA_F
 ClientSampled :
 JC-02-110917-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	51.3	41.4	62.2

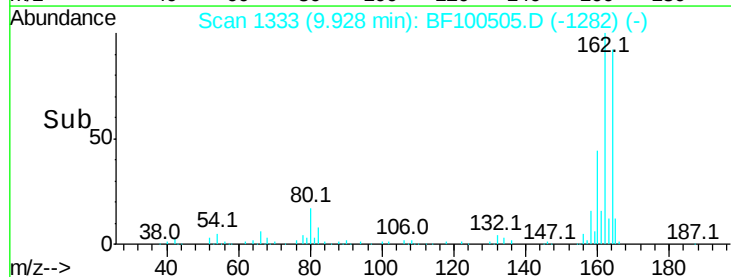
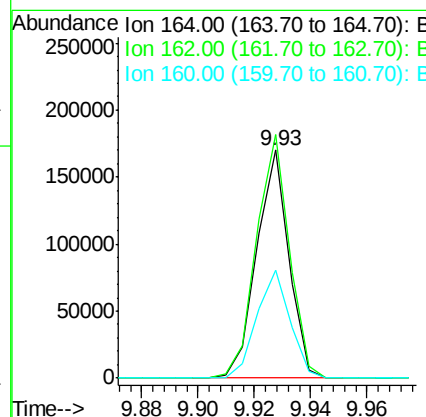
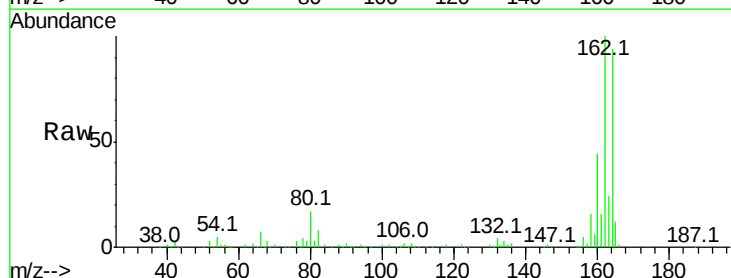
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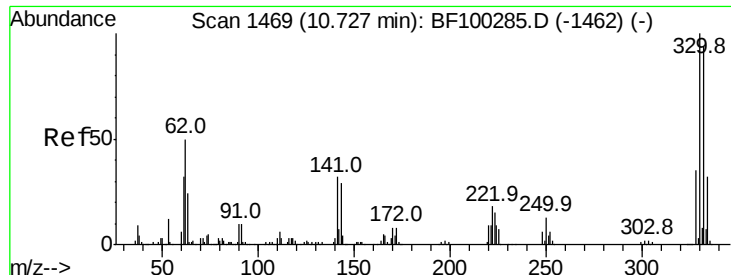
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF100505.D
 Acq: 13 Nov 2017 16:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	86.1	129.1
160	47.3	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 48.266 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF100505.D

Acq: 13 Nov 2017 16:50

Instrument :

BNA_F

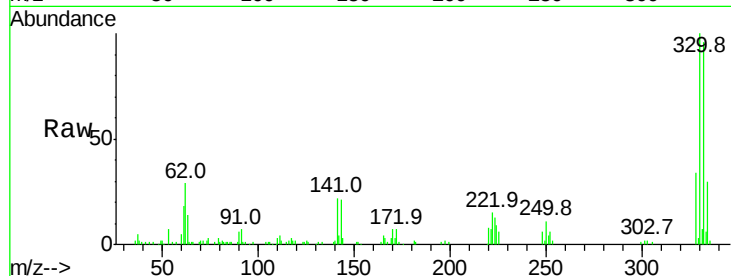
ClientSampleId :

JC-02-110917-C

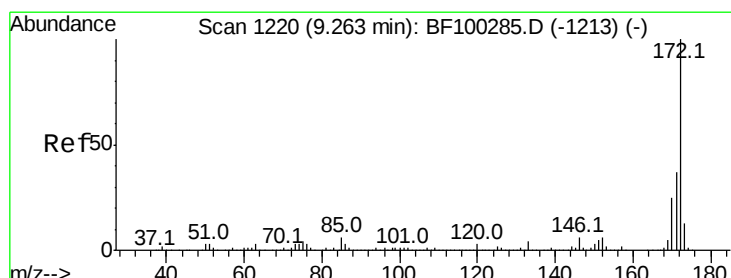
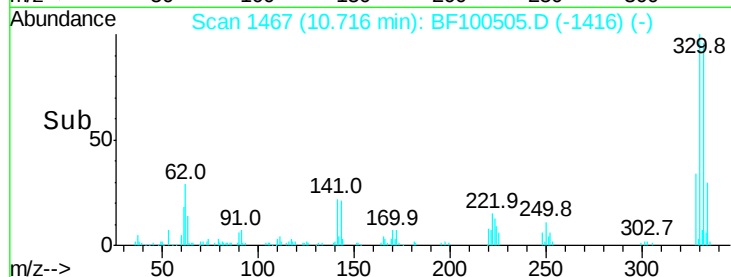
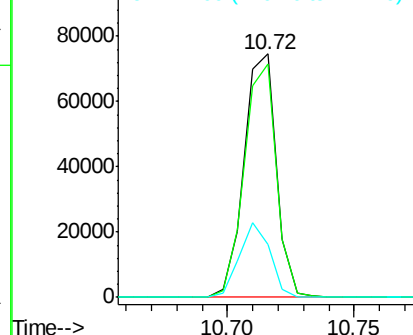
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	28.9	29.9	44.9#

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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: 40.654 ng

RT: 9.25 min Scan# 1217

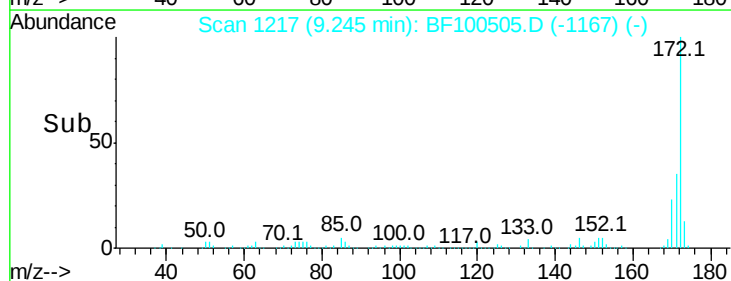
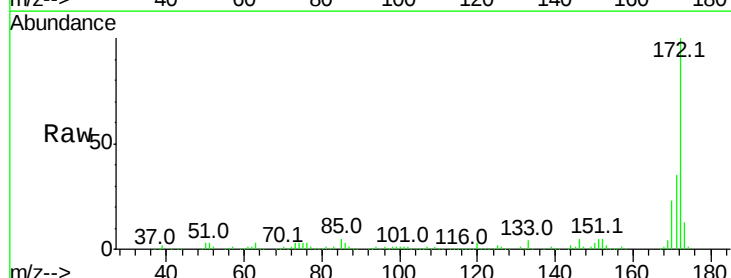
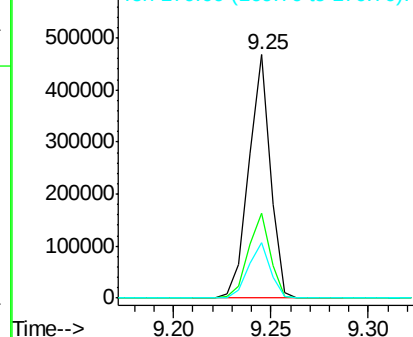
Delta R.T. -0.01 min

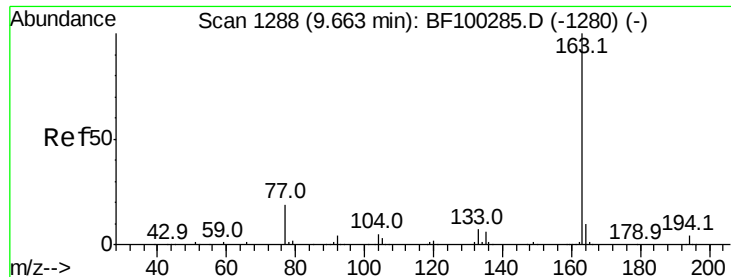
Lab File: BF100505.D

Acq: 13 Nov 2017 16:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	22.9	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





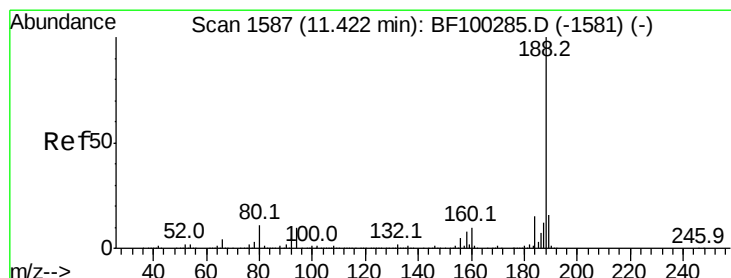
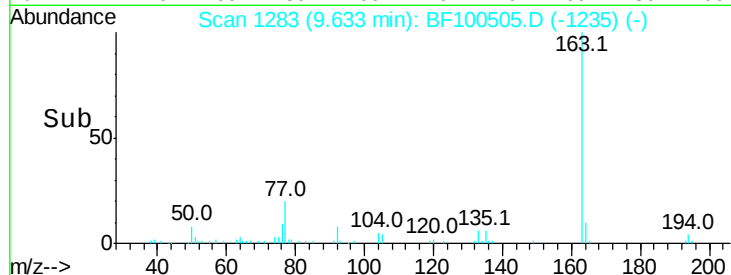
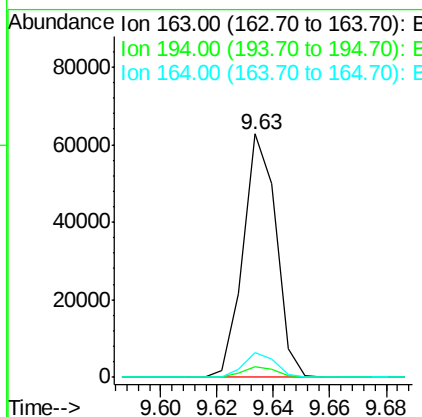
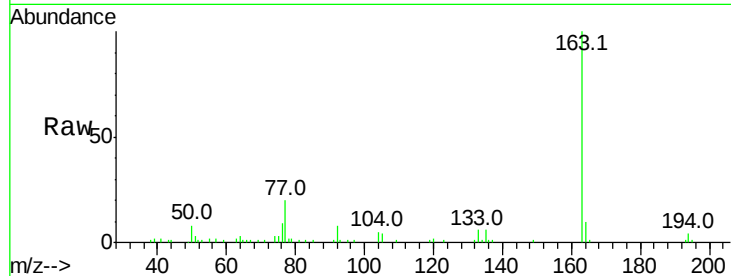
#49
Dimethylphthalate
Concen: 4.973 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF100505.D
Acq: 13 Nov 2017 16:50

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.4	2.7	4.1#	
164	10.4	8.2	12.2	

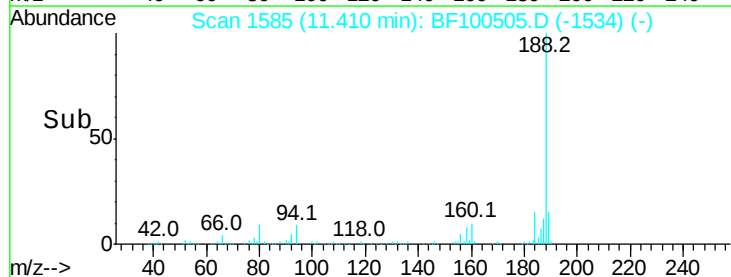
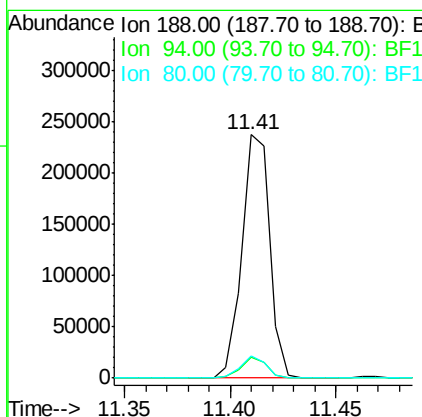
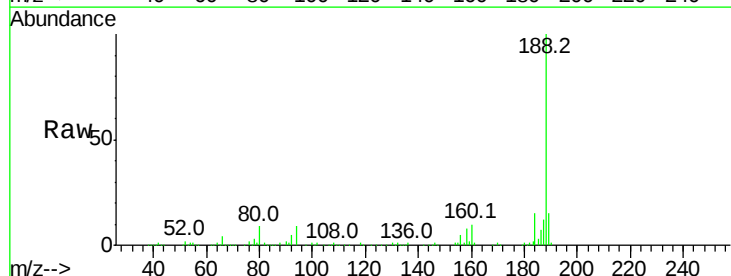
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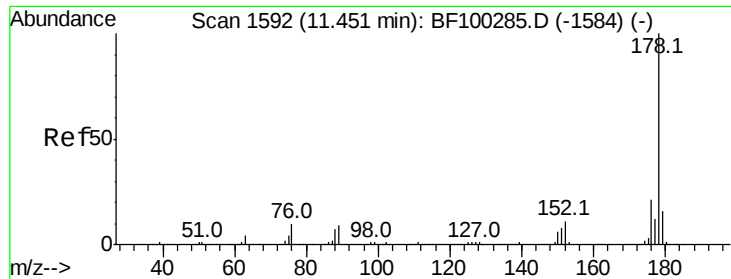
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF100505.D
Acq: 13 Nov 2017 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.6	8.5	12.7	
80	9.2	9.2	13.8	





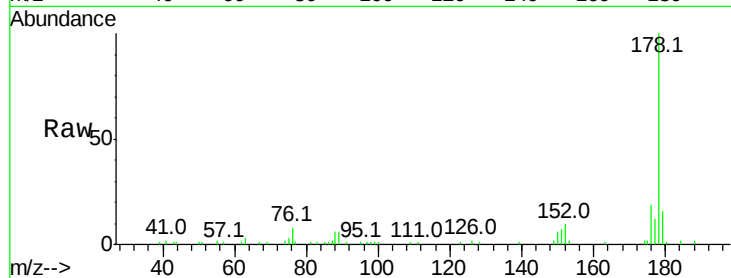
#70
Phenanthrene
Concen: 3.350 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF100505.D
Acq: 13 Nov 2017 16:50

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

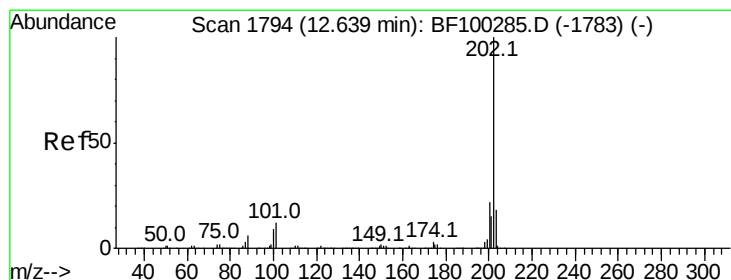
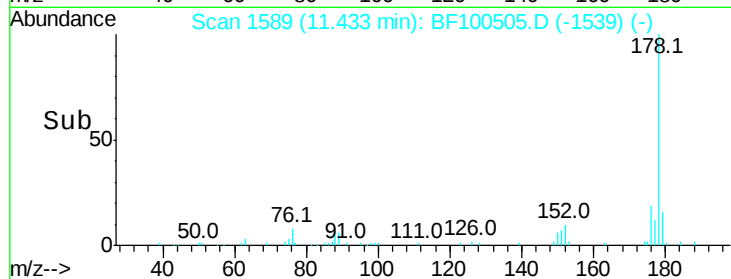
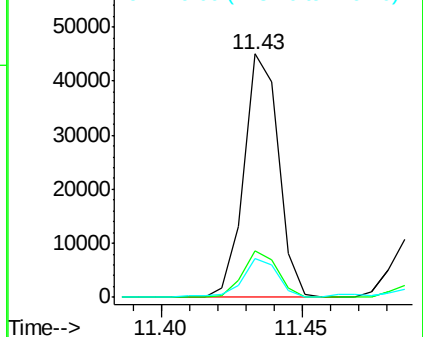
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.0	13.0	19.6

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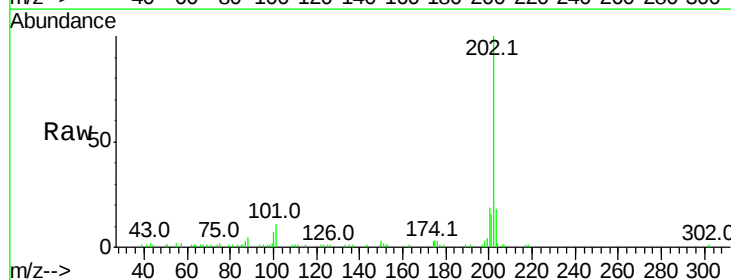


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

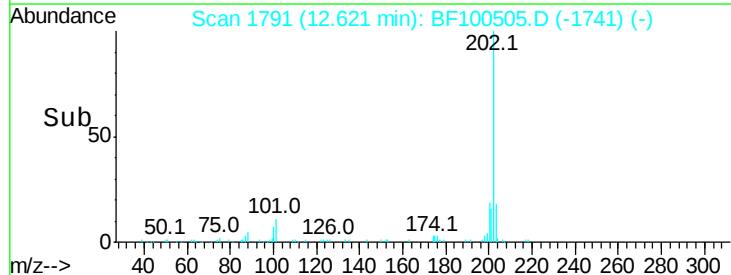
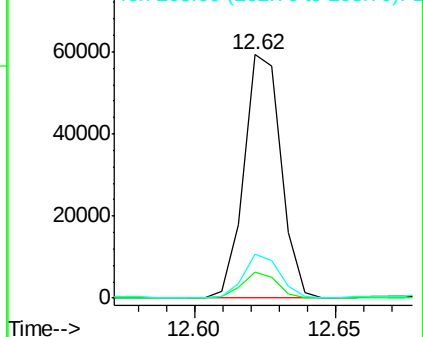


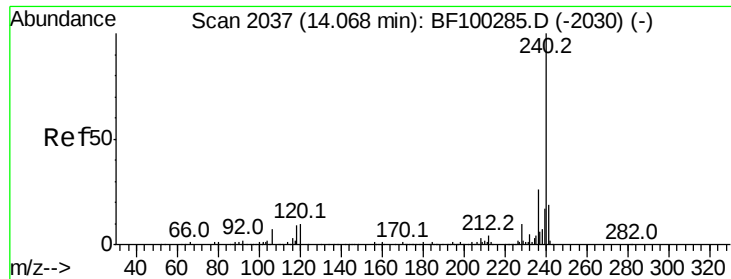
#74
Fluoranthene
Concen: 4.461 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF100505.D
Acq: 13 Nov 2017 16:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	18.1	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





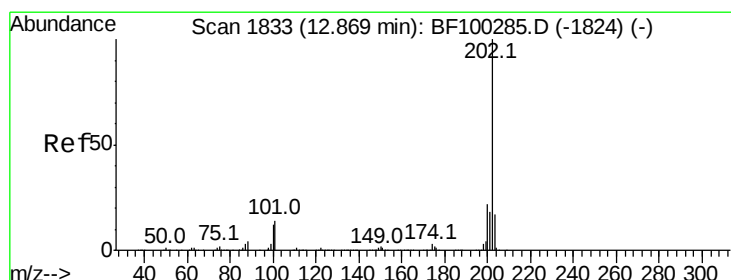
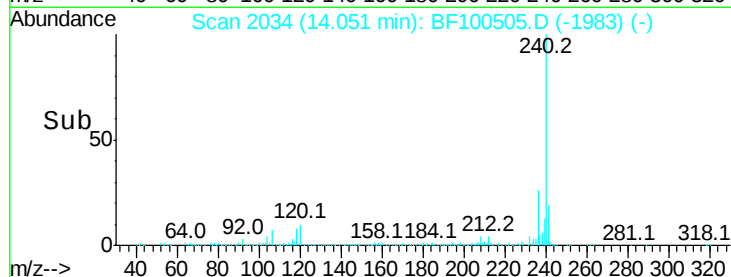
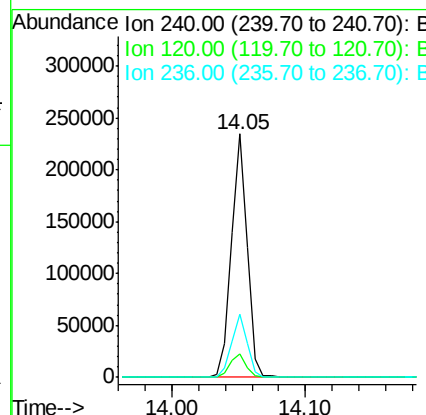
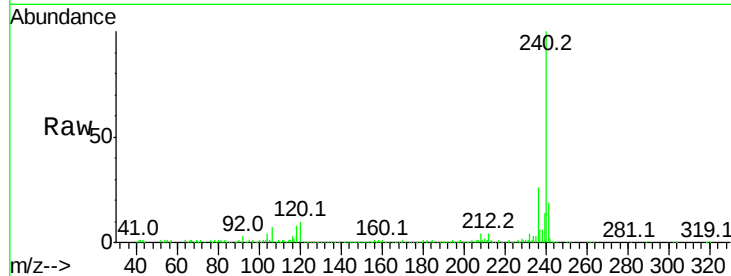
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF100505.D
 Acq: 13 Nov 2017 16:50

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	25.9	20.7	31.1

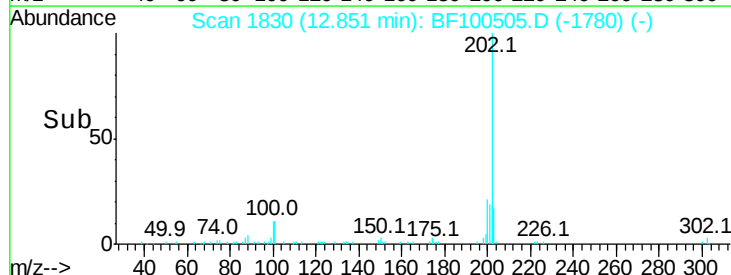
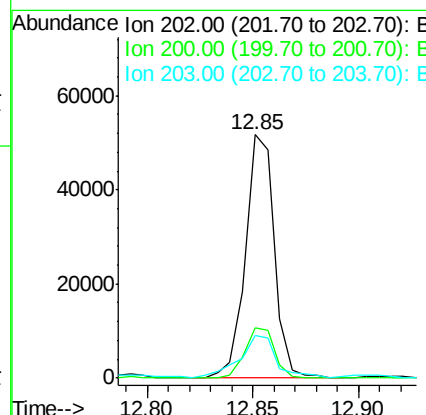
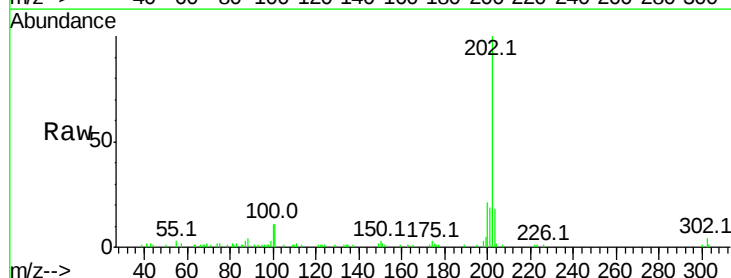
Manual Integrations
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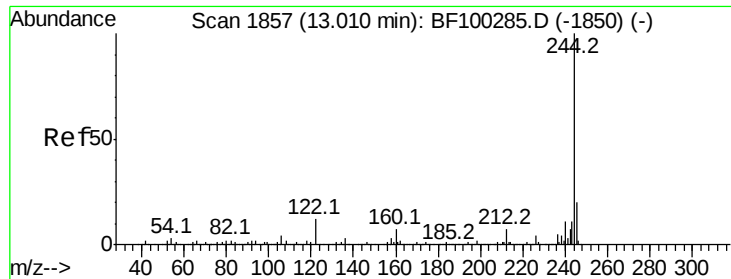
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#77
 Pyrene
 Concen: 3.471 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF100505.D
 Acq: 13 Nov 2017 16:50

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.6	14.3	21.5





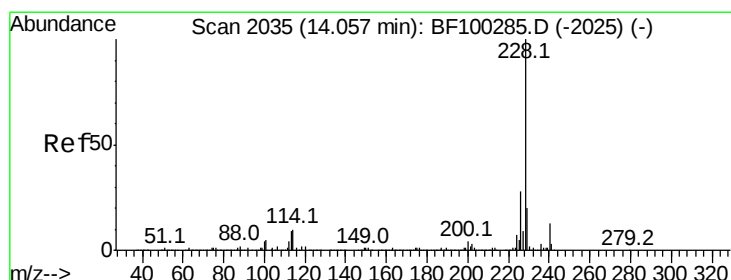
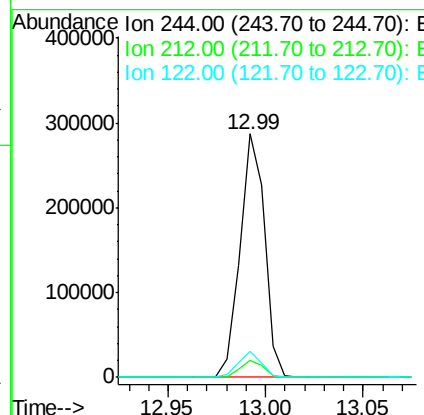
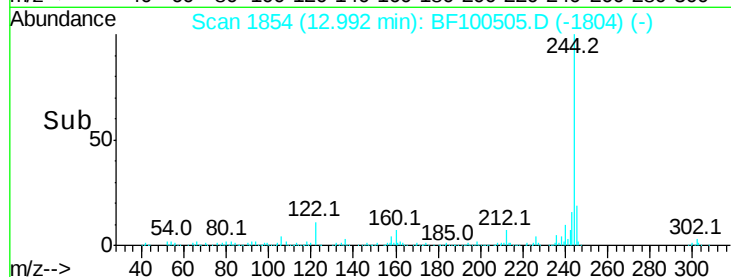
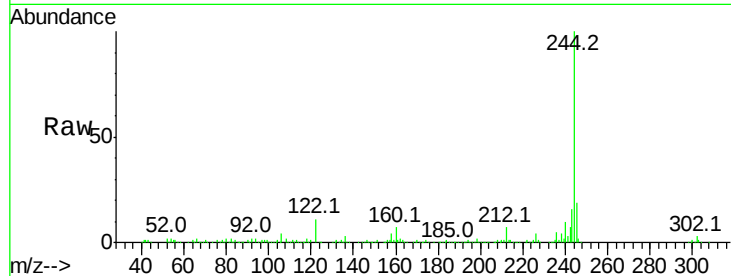
#78
 Terphenyl-d14
 Concen: 29.035 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF100505.D
 Acq: 13 Nov 2017 16:50

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.6	11.0	16.4

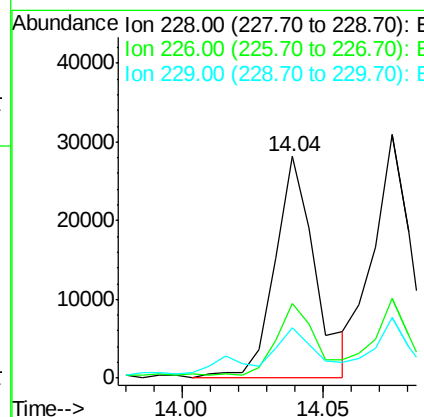
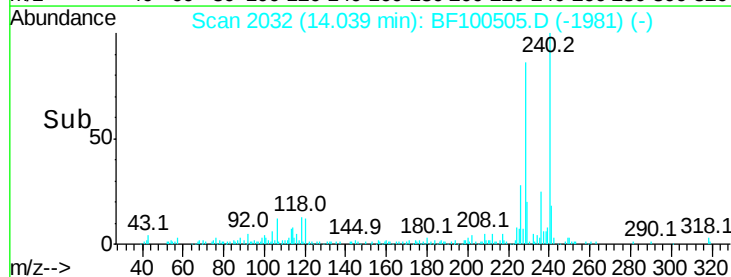
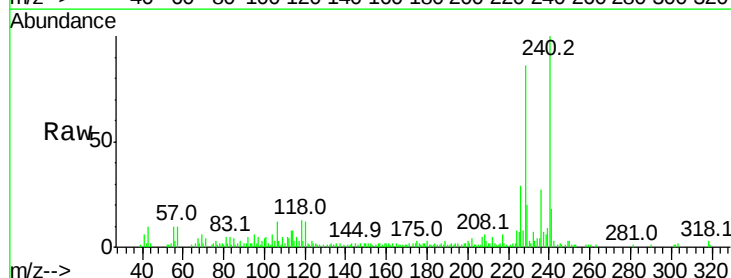
Manual Integrations
 APPROVED

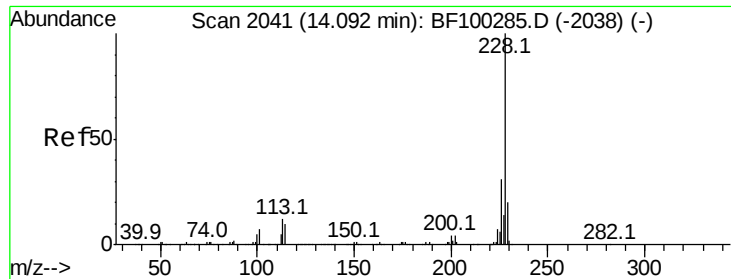
SOHIL
 11/14/2017 5:20:23 PM



#80
 Benzo(a)anthracene
 Concen: 2.353 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF100505.D
 Acq: 13 Nov 2017 16:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	22.6	33.8
229	22.7	15.8	23.6





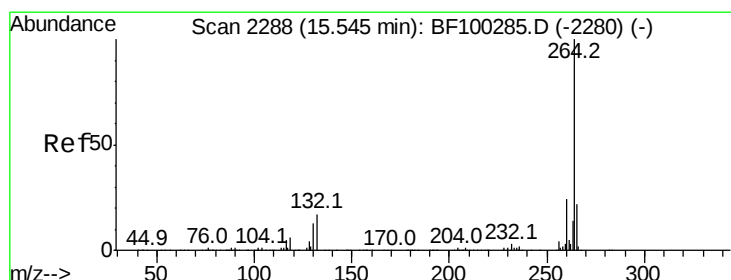
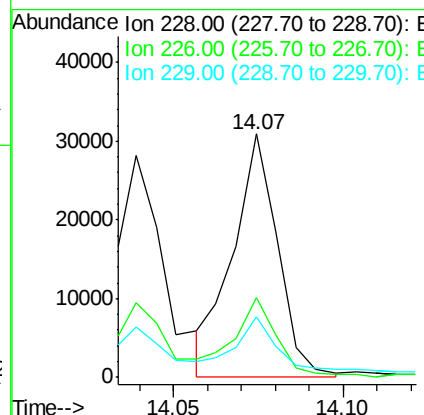
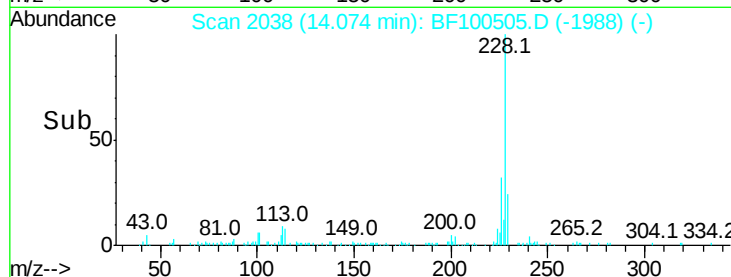
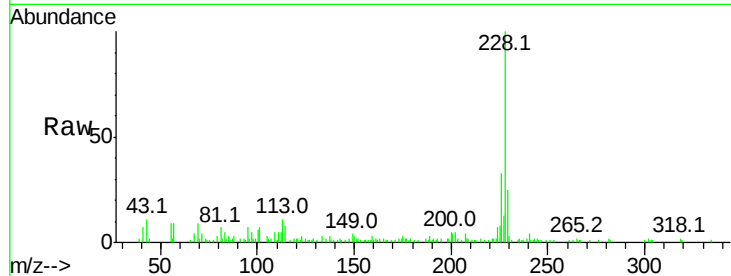
#82
 Chrysene
 Concen: 2.470 ng/ml
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF100505.D
 Acq: 13 Nov 2017 16:50

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

Tot Ion:	228	Resp:	28475
Ion Ratio	Lower	Upper	
228	100		
226	32.6	25.0	37.6
229	24.6	16.2	24.4

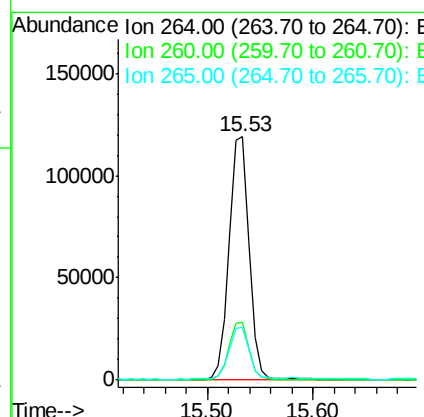
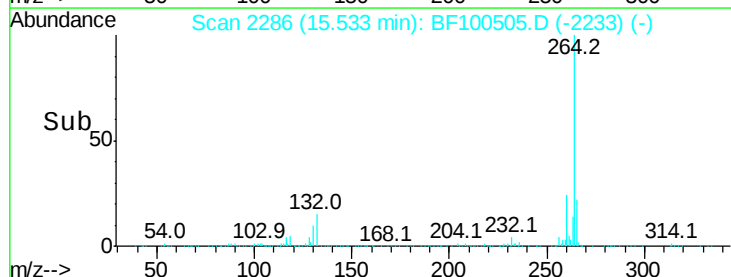
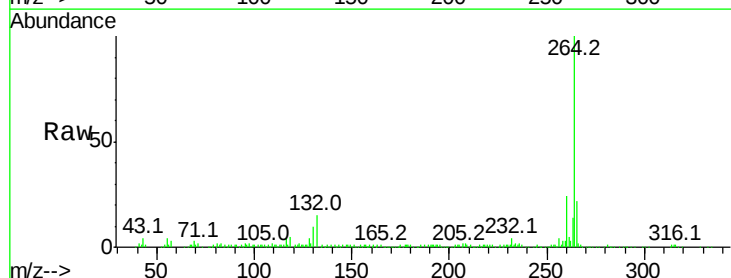
Manual Integrations
 APPROVED

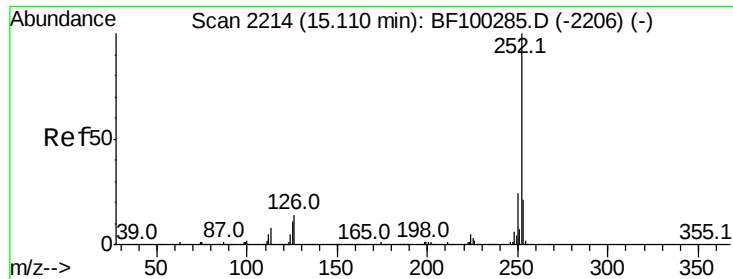
SOHIL
 11/14/2017 5:20:23 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF100505.D
 Acq: 13 Nov 2017 16:50

Tgt Ion:	264	Resp:	158041
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	22.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.297 ng/mL

RT: 15.09 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BF100505.D

Acq: 13 Nov 2017 16:50

Instrument :

BNA_F

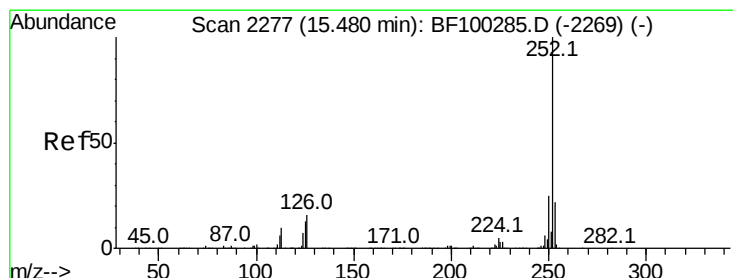
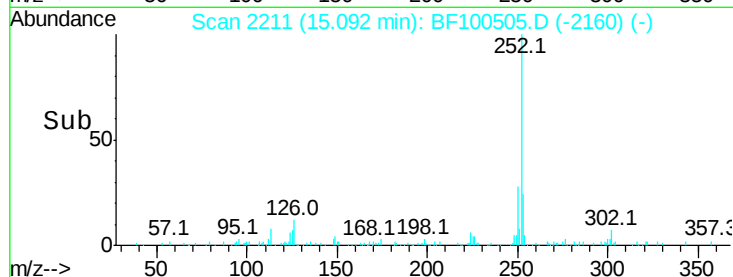
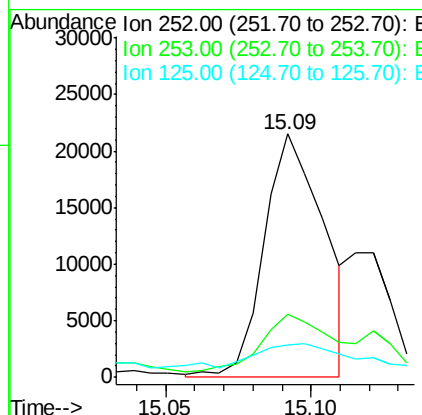
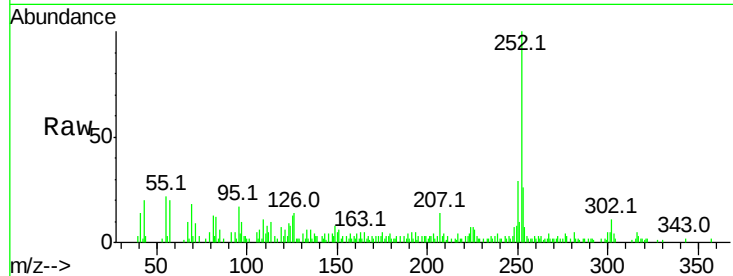
ClientSampleId :

JC-02-110917-C

Tot Ion:	252	Resp:	30874
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.0	25.6#
125	13.1	9.0	13.6

Manual Integrations
APPROVED

SOHIL
11/14/2017 5:20:23 PM



#89

Benzo(a)pyrene

Concen: 2.398 ng/mL

RT: 15.46 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BF100505.D

Acq: 13 Nov 2017 16:50

Tgt Ion:	252	Resp:	19908
Ion Ratio	Lower	Upper	
252	100		
253	26.8	17.1	25.7#
125	14.7	9.8	14.6#

