

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101104.D
 Acq On : 4 Dec 2017 18:02
 Operator : SJ/JU
 Sample : I6697-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-02A

Manual Integrations
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Quant Time: Dec 05 01:15:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52985	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	203269	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	87665	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	139760	20.00	ng	0.00
75) Chrysene-d12	14.02	240	121205	20.00	ng	0.00
86) Perylene-d12	15.50	264	108518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	354218	110.47	ng	0.01
7) Phenol-d6	6.49	99	421052	108.16	ng	0.00
23) Nitrobenzene-d5	7.42	82	258890	75.98	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	91607	86.99	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	462454	72.18	ng	0.00
78) Terphenyl-d14	12.96	244	321825	58.08	ng	0.00
Target Compounds						
10) Phenol	6.50	94	14214	3.28	ng	96
49) Dimethylphthalate	9.60	163	72189	10.21	ng	98
70) Phenanthrene	11.40	178	20853	2.71	ng	97
74) Fluoranthene	12.59	202	46093	5.40	ng	92
77) Pyrene	12.82	202	41967	5.02	ng	99
80) Benzo(a)anthracene	14.01	228	25892m	3.38	ng	
82) Chrysene	14.05	228	23966m	3.37	ng	
87) Benzo(b)fluoranthene	15.06	252	31904m	4.91	ng	
89) Benzo(a)pyrene	15.43	252	20454	3.46	ng	# 92

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

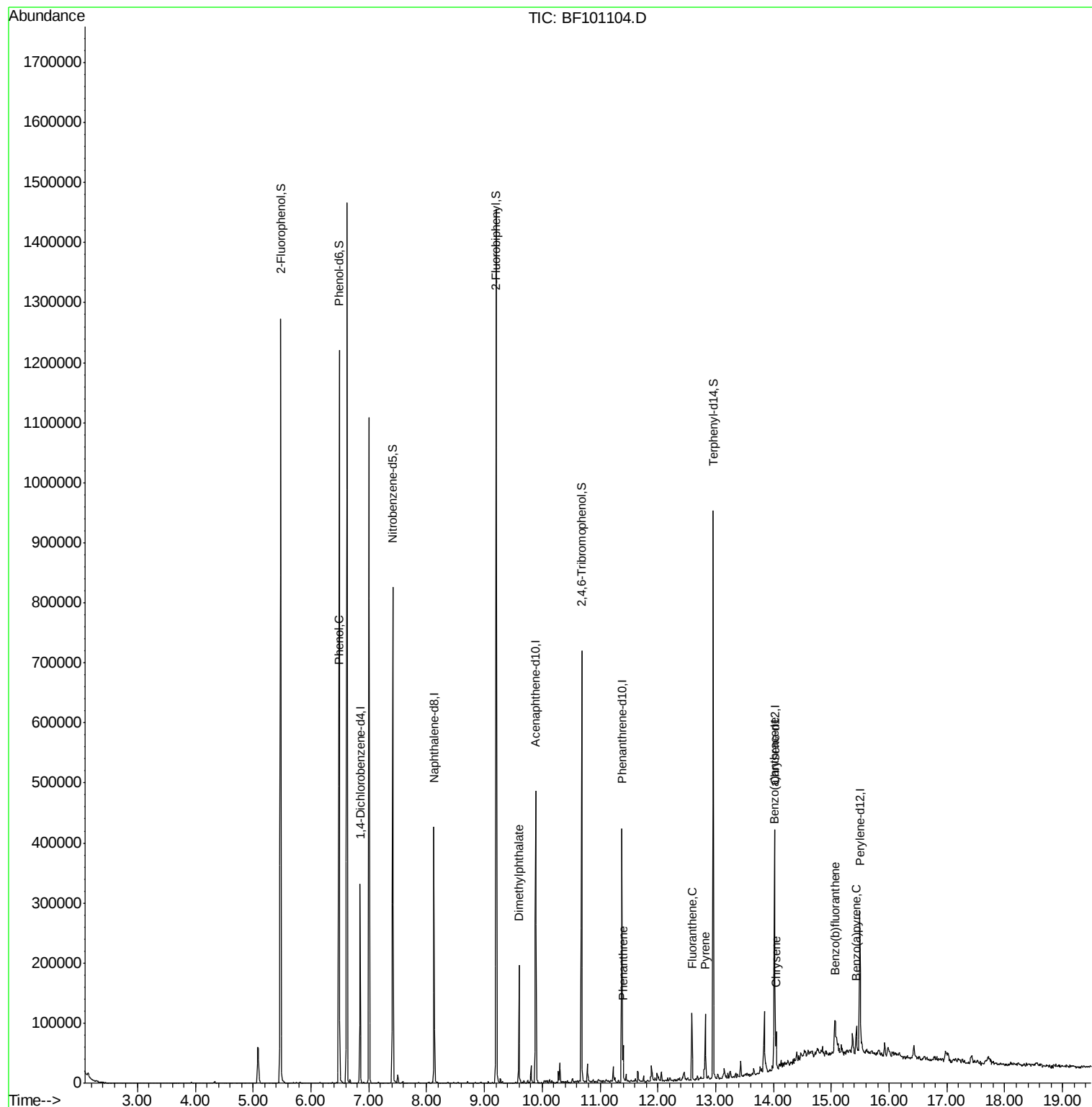
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
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Operator : SJ/JU
Sample : I6697-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

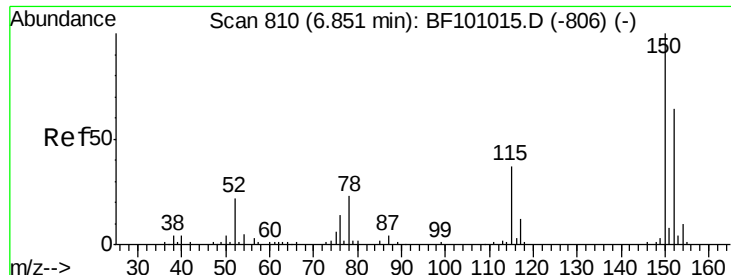
Instrument :
BNA_F
ClientSampleId :
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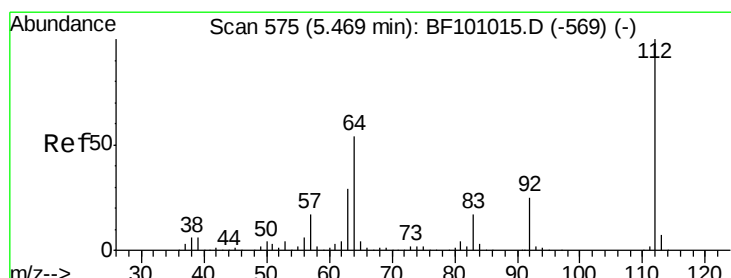
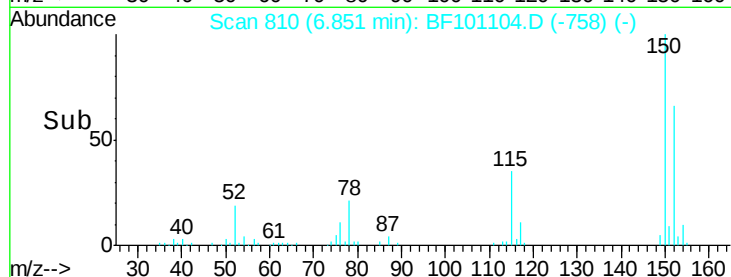
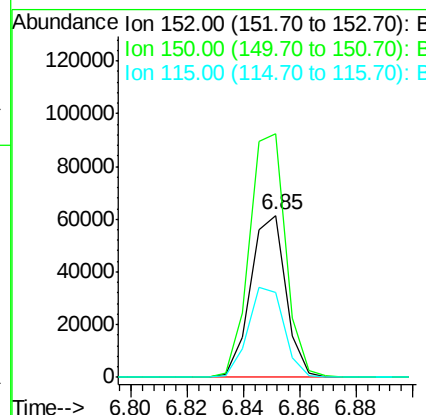
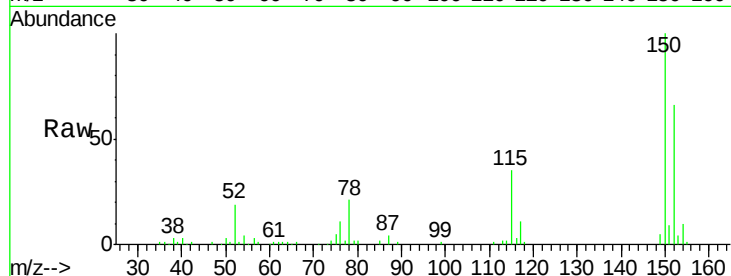
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.01 min
 Lab File: BF101104.D
 Acq: 4 Dec 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-02A

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	124.6	186.8
115	52.8	50.1	75.1

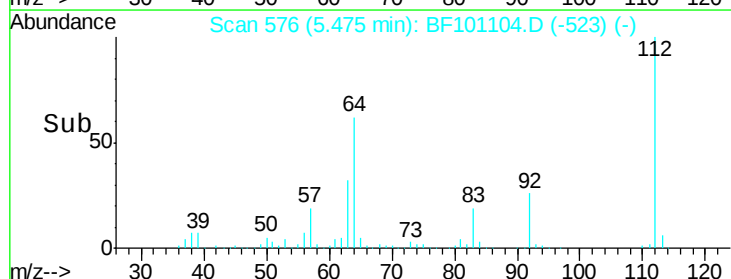
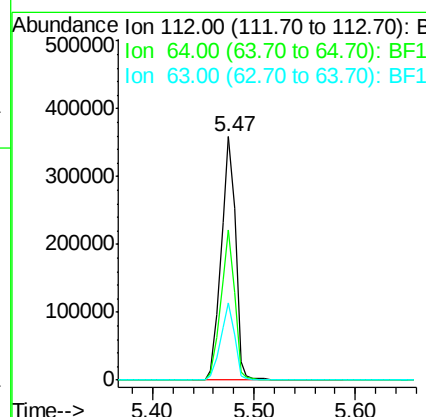
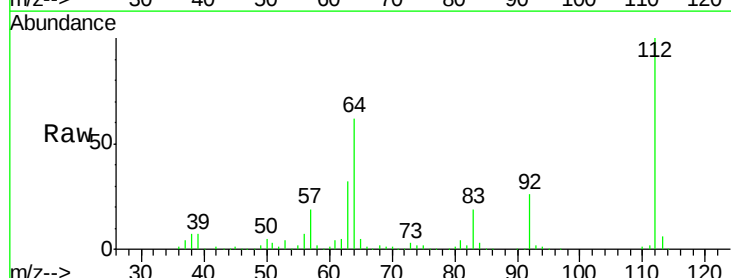
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#5
 2-Fluorophenol
 Concen: 110.47 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF101104.D
 Acq: 4 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.9	71.9
63	31.9	23.7	35.5





#7

Phenol-d6

Concen: 108.16 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101104.D

Acq: 4 Dec 2017 18:02

Instrument :

BNA_F

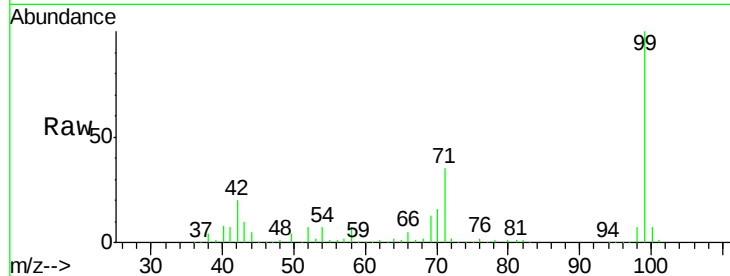
ClientSampled :

TP-02A

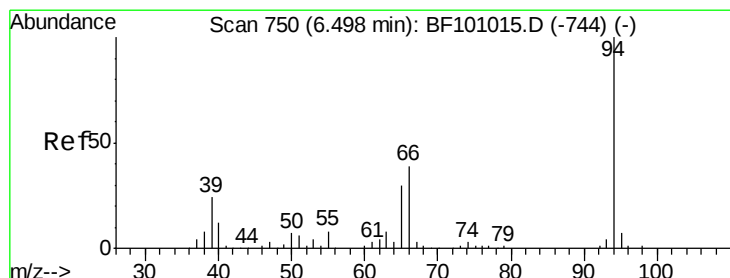
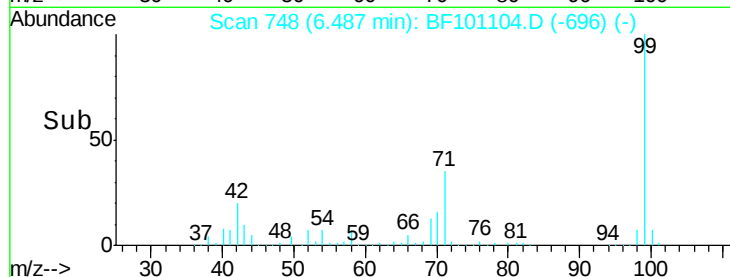
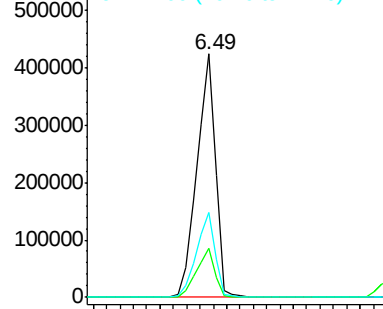
Tot Ion:	99	Resp:	421052
Ion Ratio	Lower	Upper	
99	100		
42	20.2	14.5	21.7
71	35.0	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.28 ng

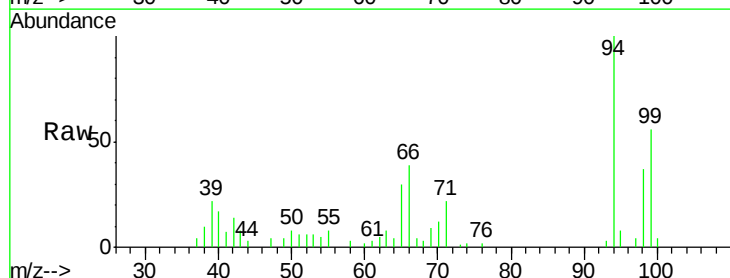
RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

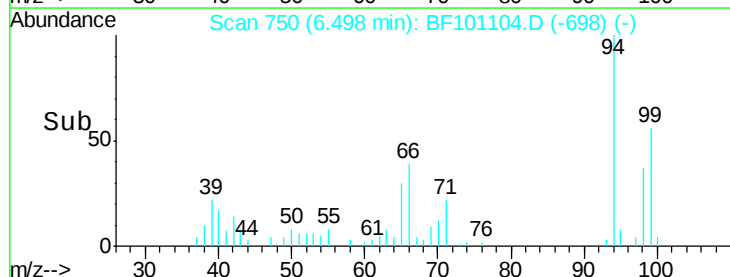
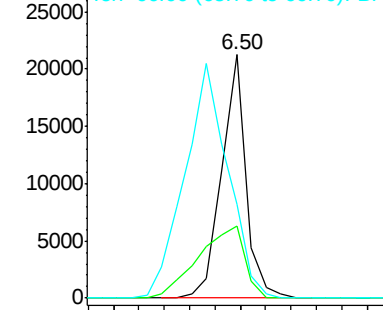
Lab File: BF101104.D

Acq: 4 Dec 2017 18:02

Tgt Ion:	94	Resp:	14214
Ion Ratio	Lower	Upper	
94	100		
65	29.6	7.9	47.9
66	38.7	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





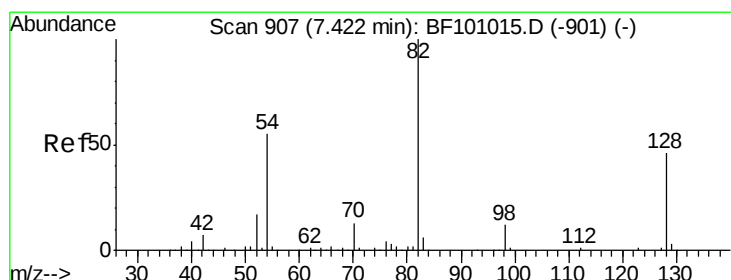
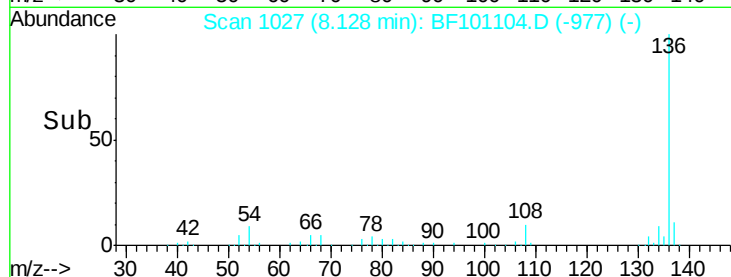
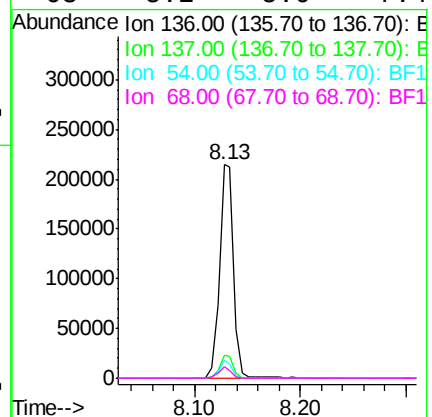
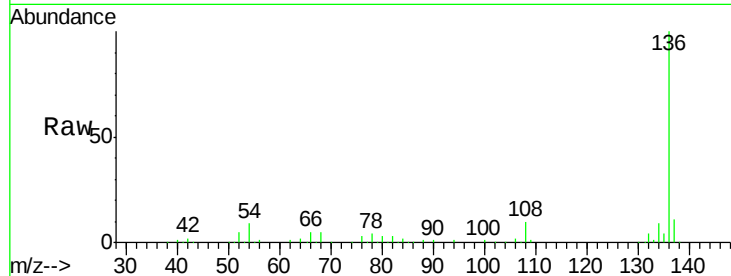
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101104.D
Acq: 4 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
TP-02A

Tot Ion	Ratio	Resp	Lower	Upper
136	100	203269		
137	11.0		8.9	13.3
54	8.6		6.6	9.8
68	5.2		5.0	7.4

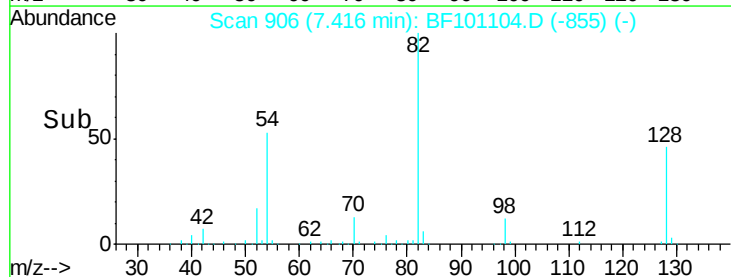
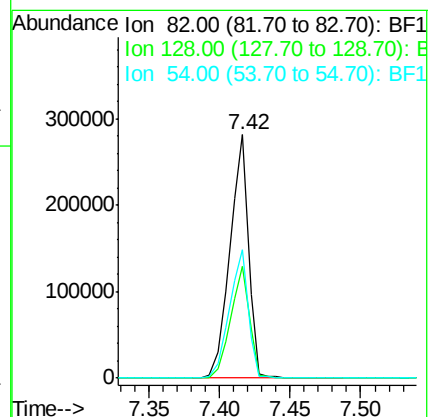
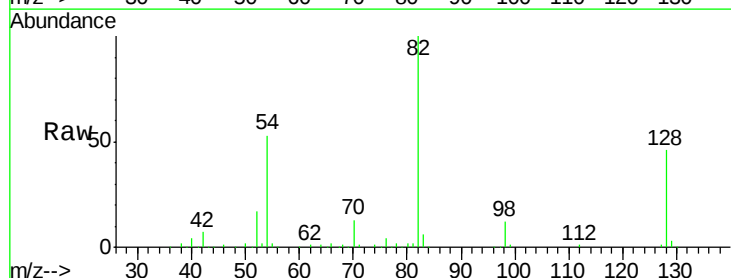
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#23
Nitrobenzene-d5
Concen: 75.98 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101104.D
Acq: 4 Dec 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	258890		
128	46.0		36.1	54.1
54	52.6		41.4	62.2





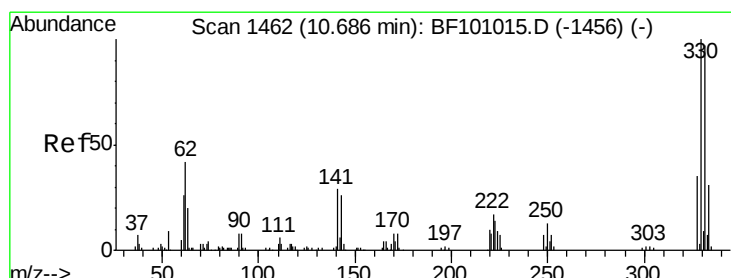
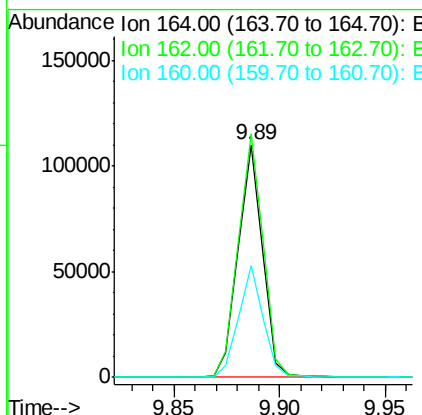
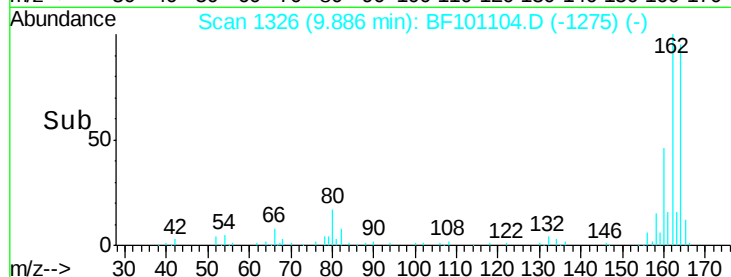
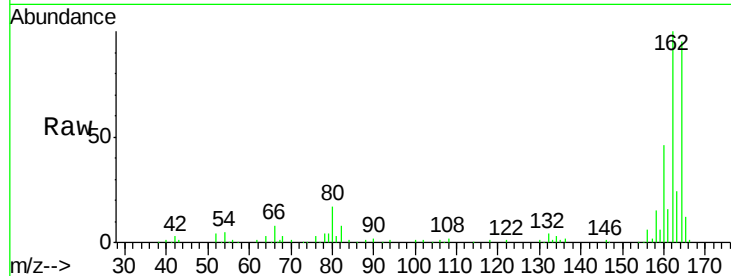
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101104.D
Acq: 4 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
TP-02A

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	47.8	38.3	57.5

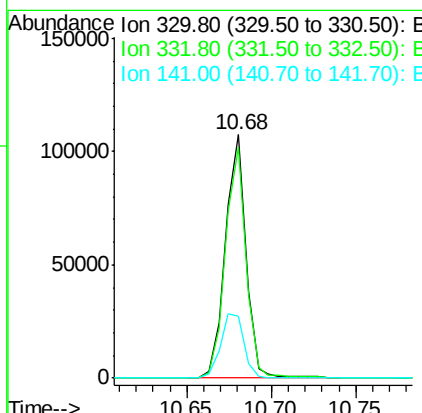
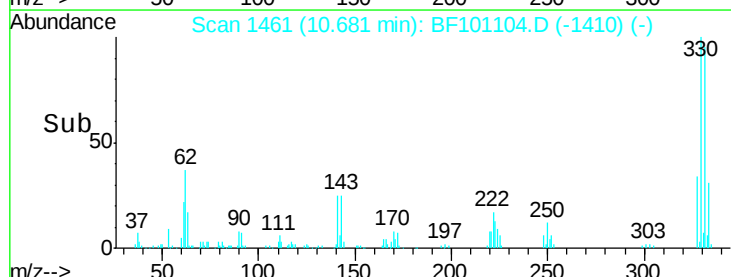
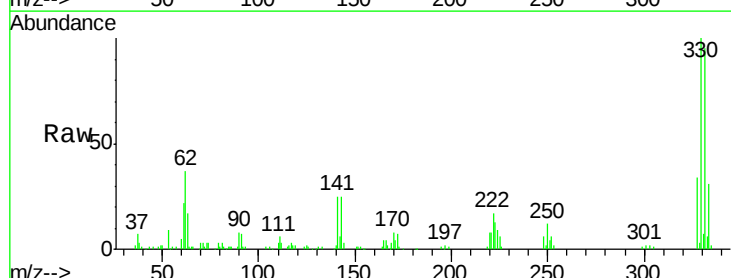
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#41
2,4,6-Tribromophenol
Concen: 86.99 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101104.D
Acq: 4 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	30.1	29.9	44.9





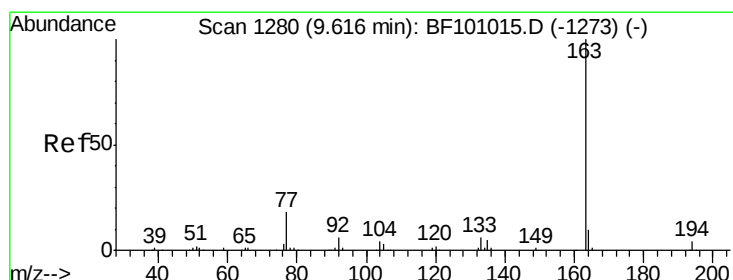
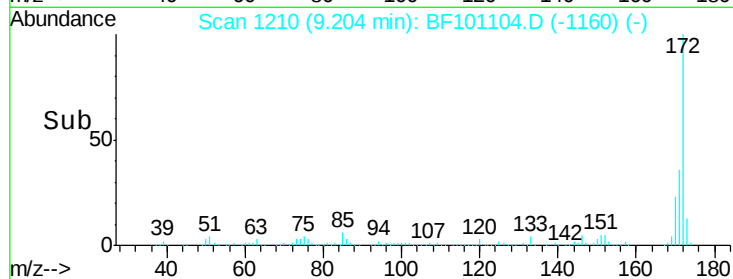
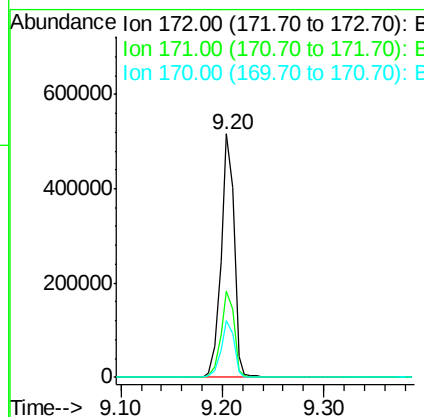
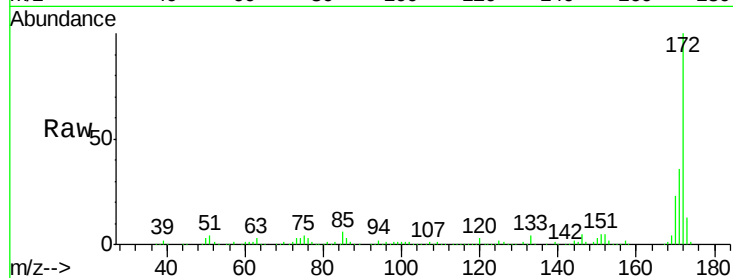
#44
2-Fluorobiphenyl
Concen: 72.18 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101104.D
Acq: 4 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
TP-02A

Tot Ion:	172	Resp:	462454
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.7	44.5
170	23.1	19.6	29.4

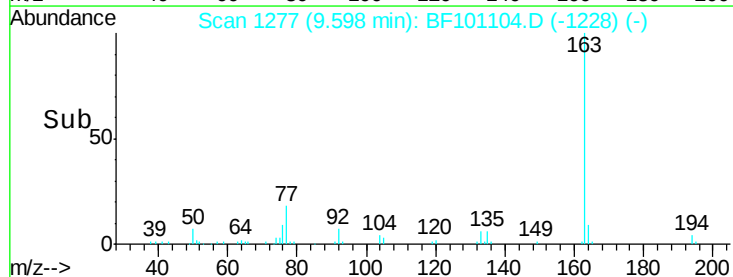
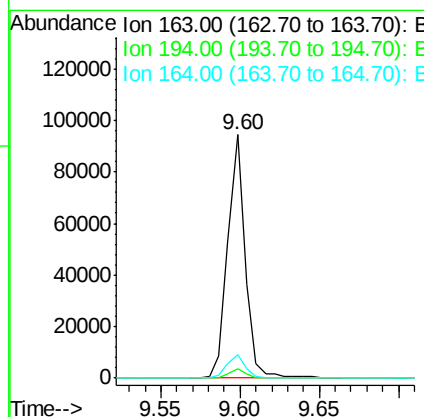
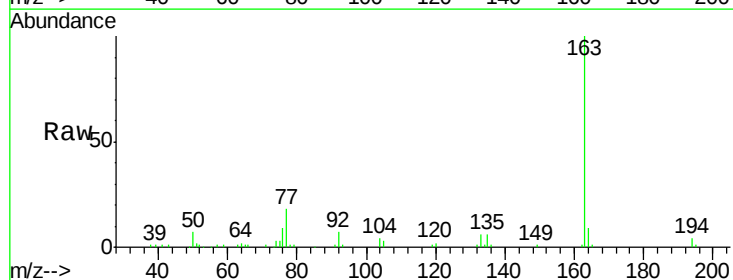
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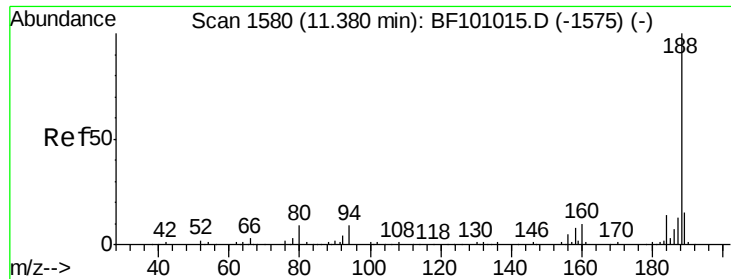
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#49
Dimethylphthalate
Concen: 10.21 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101104.D
Acq: 4 Dec 2017 18:02

Tgt Ion:	163	Resp:	72189
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	9.4	8.2	12.2





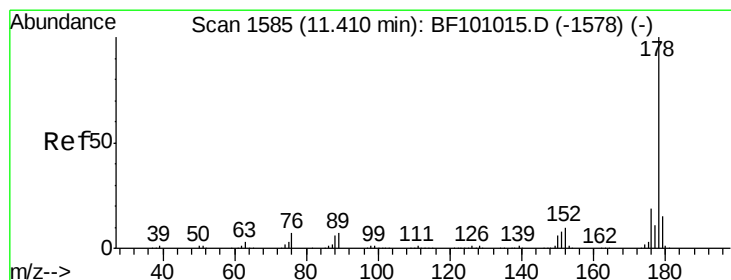
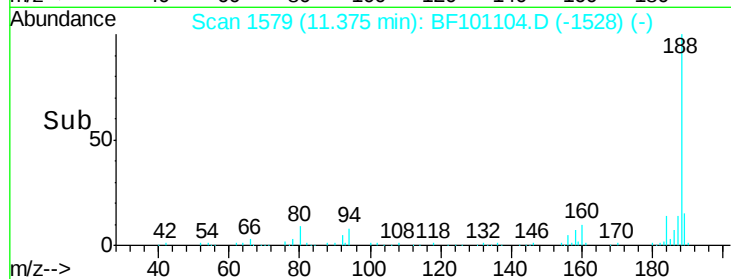
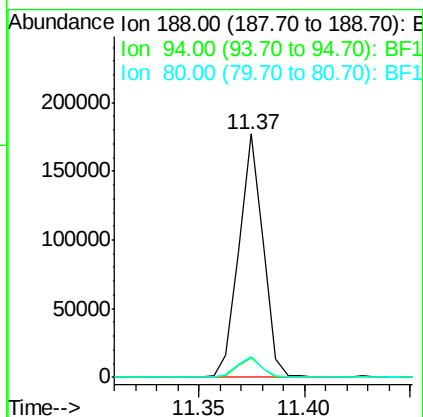
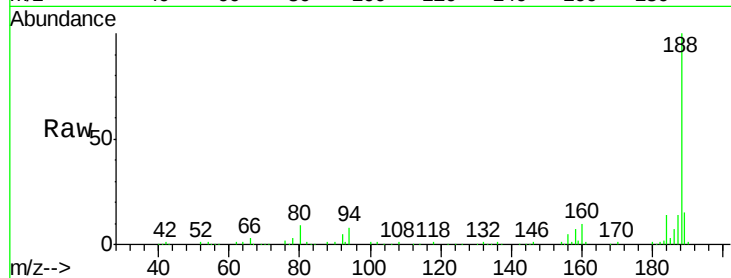
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101104.D
Acq: 4 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
TP-02A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.8	9.2	13.8#

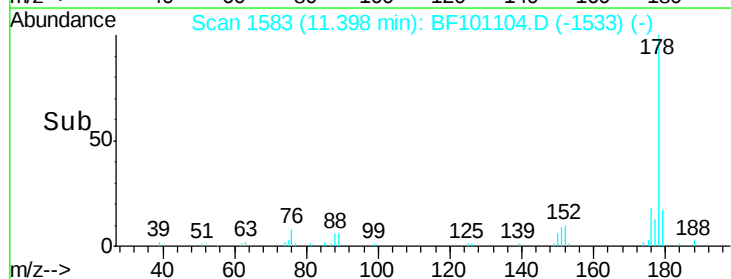
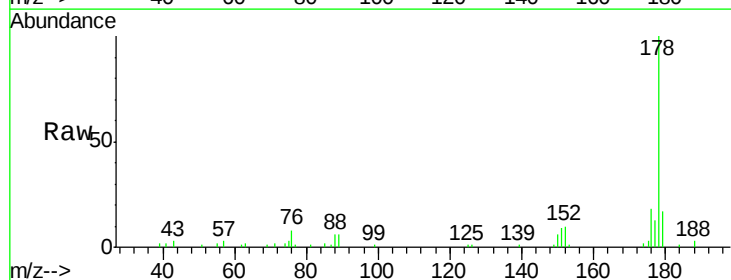
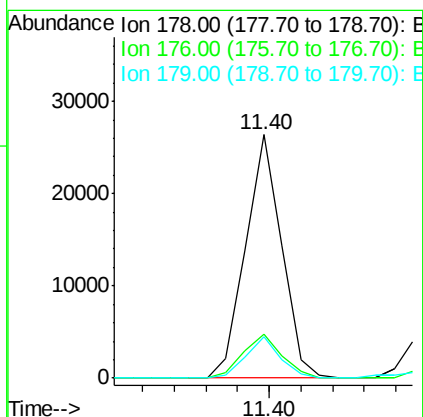
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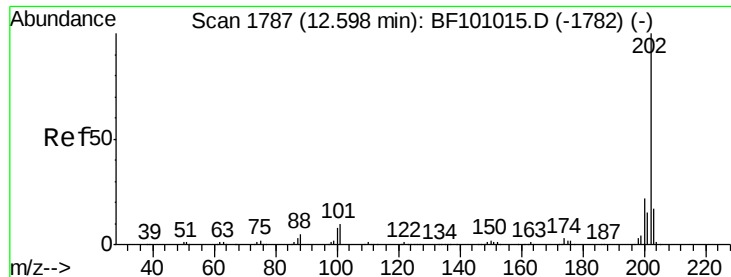
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#70
Phenanthrene
Concen: 2.71 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101104.D
Acq: 4 Dec 2017 18:02

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.0	15.8	23.8
179	16.8	13.0	19.6





#74

Fluoranthene

Concen: 5.40 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF101104.D

Acq: 4 Dec 2017 18:02

Instrument :

BNA_F

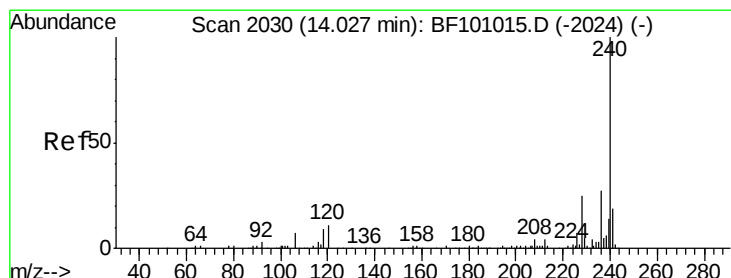
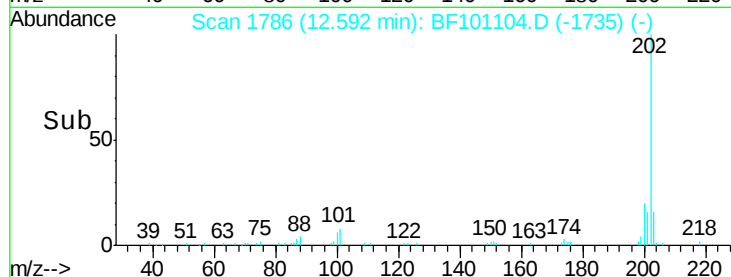
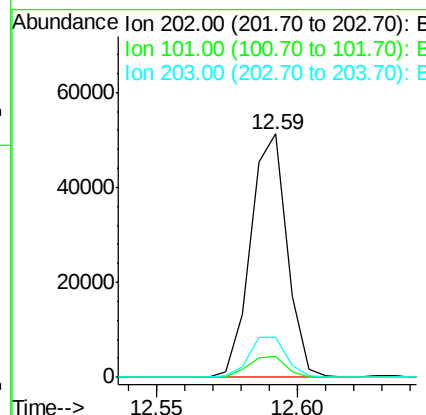
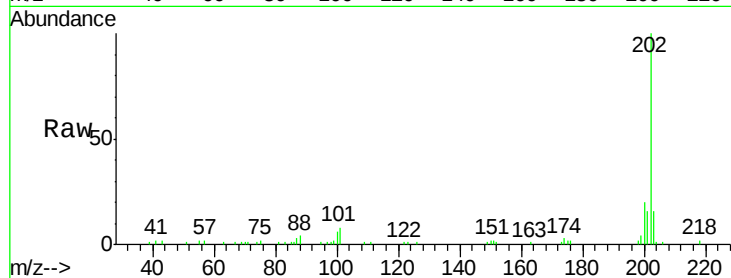
ClientSampleId :

TP-02A

Tot Ion:	202	Resp:	46093
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	34.1
203	16.3	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

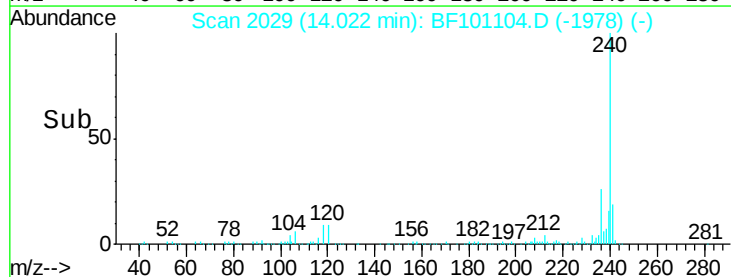
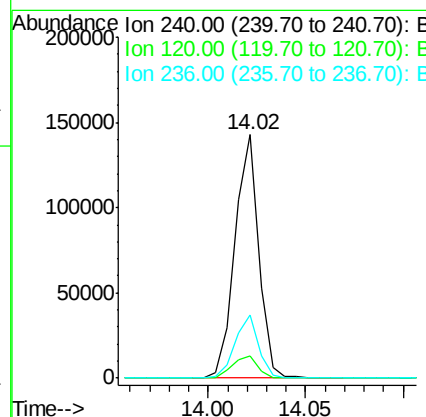
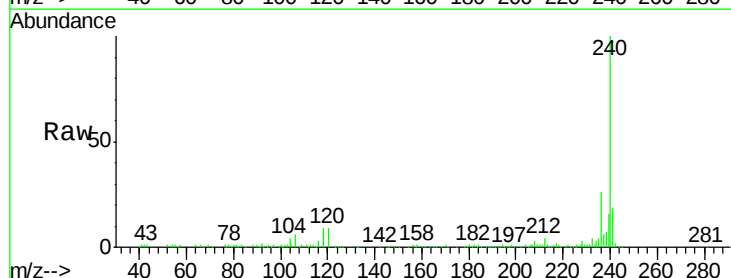
RT: 14.02 min Scan# 2029

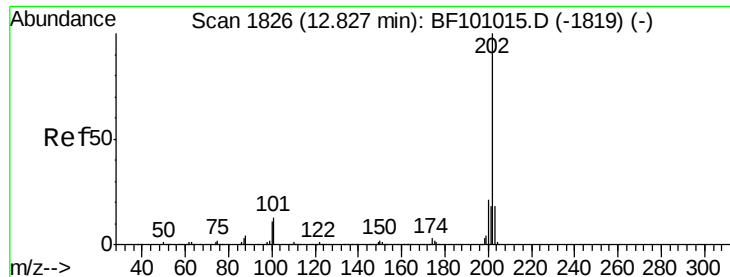
Delta R.T. 0.00 min

Lab File: BF101104.D

Acq: 4 Dec 2017 18:02

Tgt Ion:	240	Resp:	121205
Ion Ratio	Lower	Upper	
240	100		
120	9.0	9.5	14.3#
236	26.0	20.7	31.1





#77

Pvrene

Concen: 5.02 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF101104.D

Acq: 4 Dec 2017 18:02

Instrument :

BNA_F

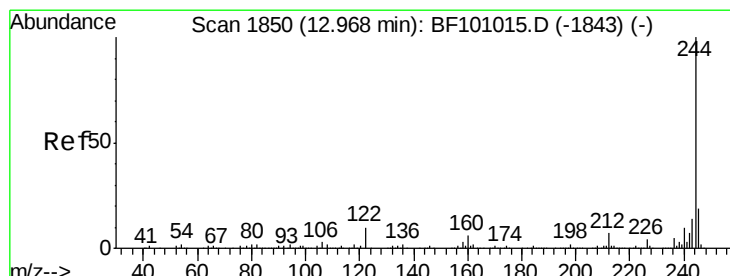
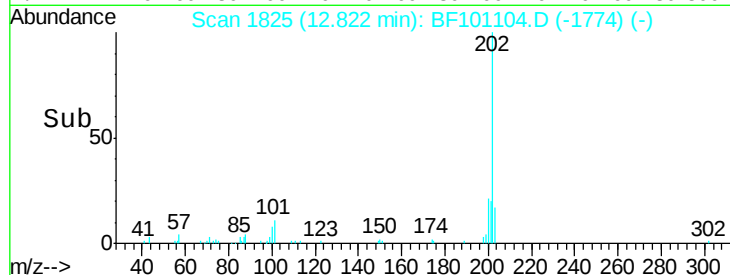
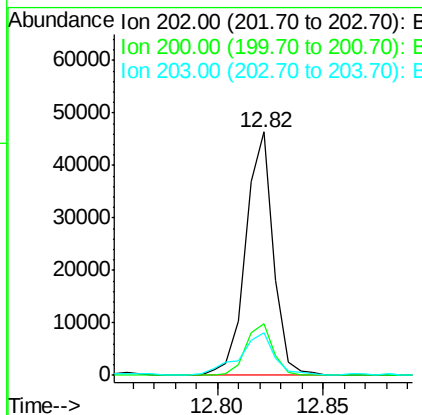
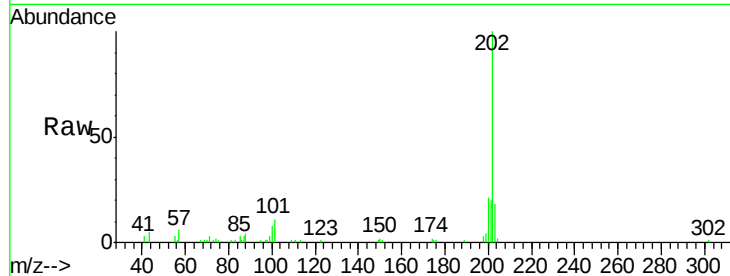
ClientSampleId :

TP-02A

Tot Ion:	202	Resp:	41967
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	17.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 58.08 ng

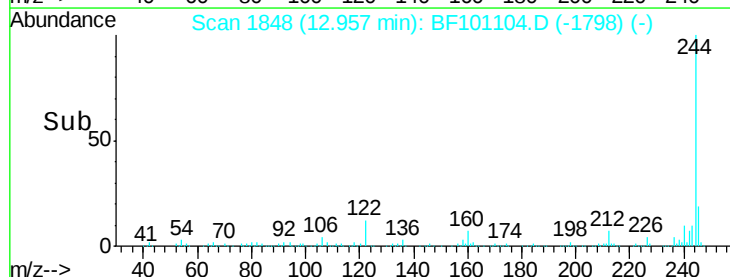
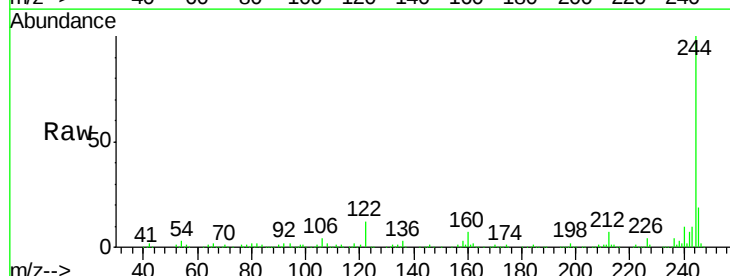
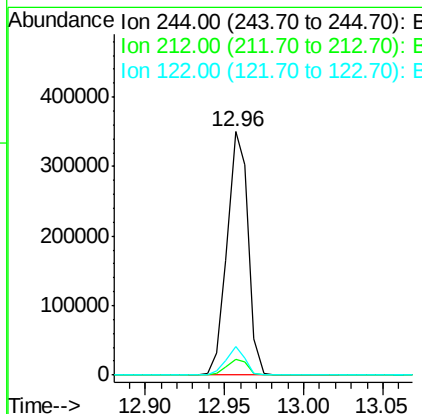
RT: 12.96 min Scan# 1848

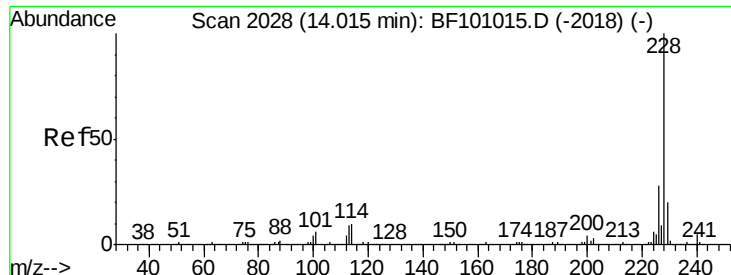
Delta R.T. -0.01 min

Lab File: BF101104.D

Acq: 4 Dec 2017 18:02

Tgt Ion:	244	Resp:	321825
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	11.6	11.0	16.4





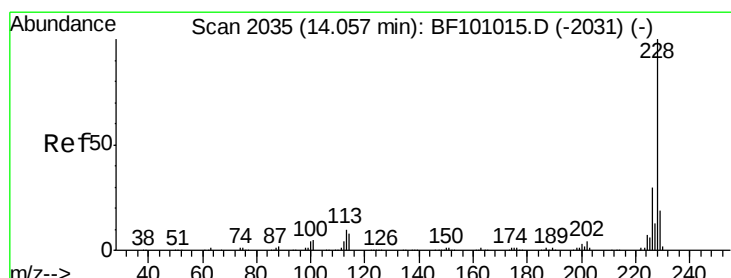
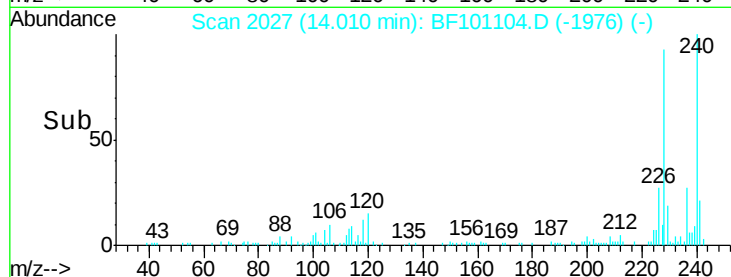
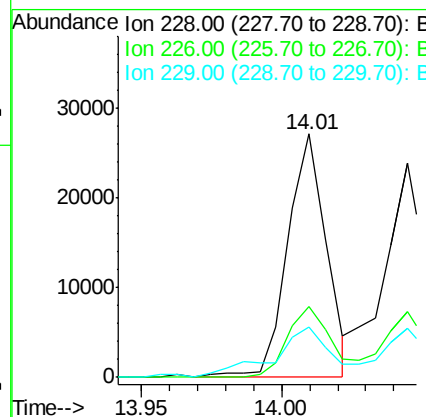
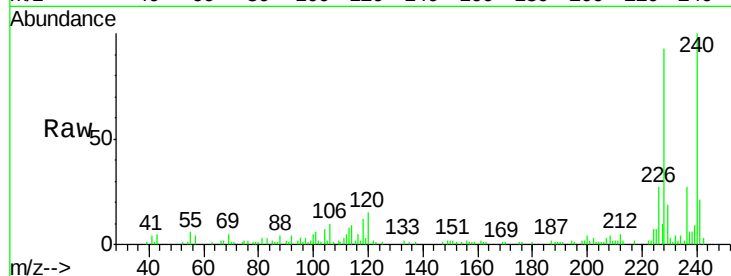
#80
Benzo(a)anthracene
Concen: 3.38 ng m
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101104.D
Acq: 4 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
TP-02A

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.8	15.8	23.6

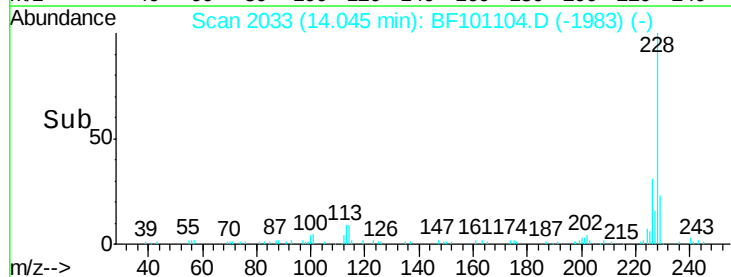
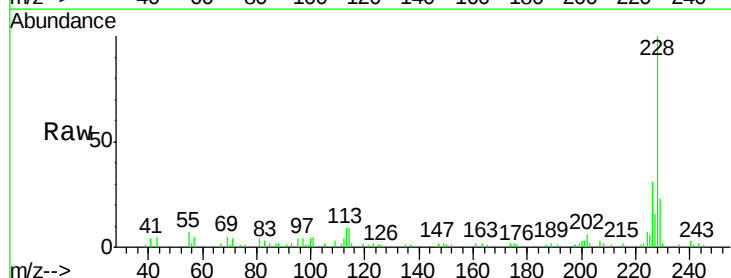
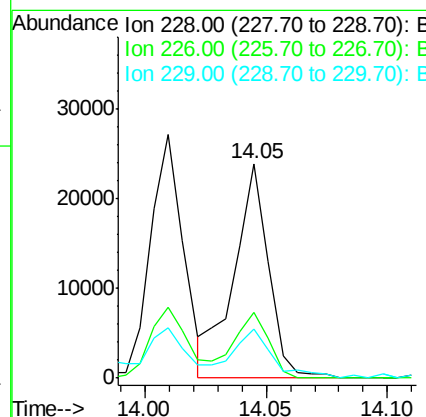
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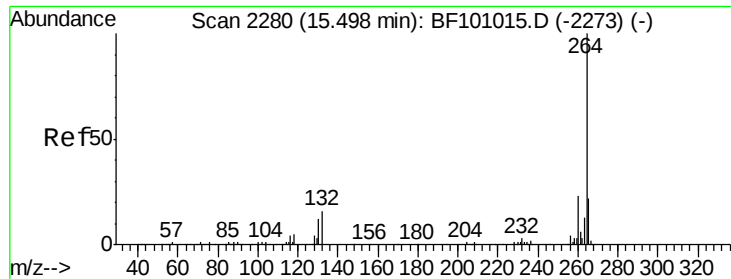
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#82
Chrysene
Concen: 3.37 ng m
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101104.D
Acq: 4 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	23.0	16.2	24.4





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101104.D

Acq: 4 Dec 2017 18:02

Instrument :

BNA_F

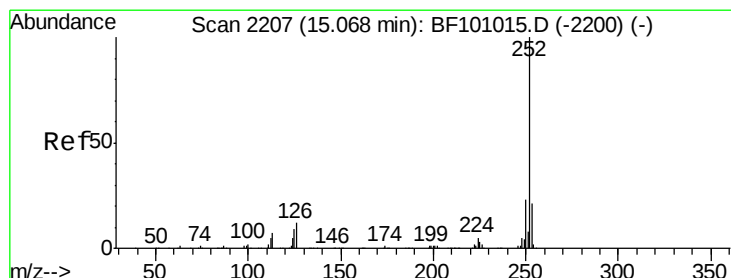
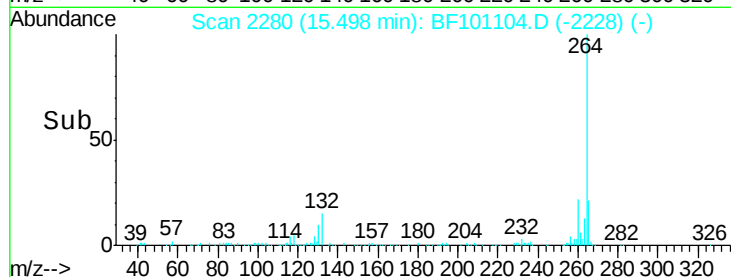
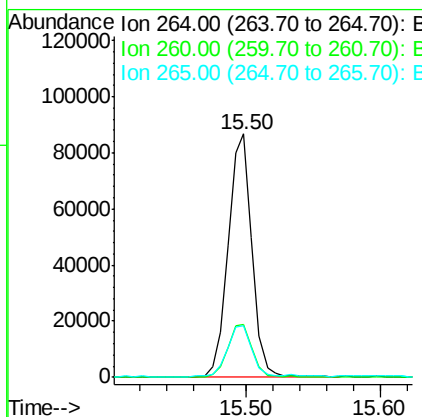
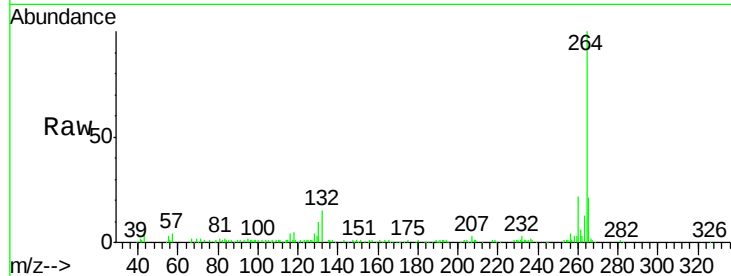
ClientSampled :

TP-02A

Tot Ion:	264	Resp:	108518
Ion Ratio		Lower	Upper
264	100		
260	21.6	19.2	28.8
265	21.4	17.5	26.3

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 4.91 ng m

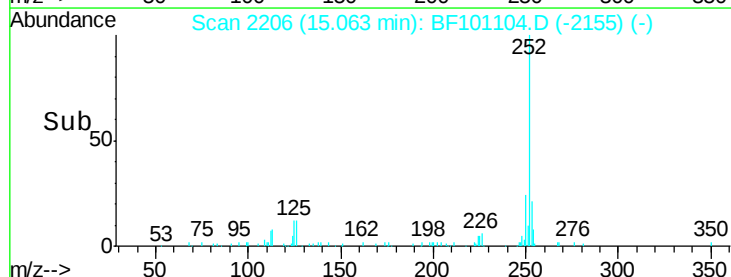
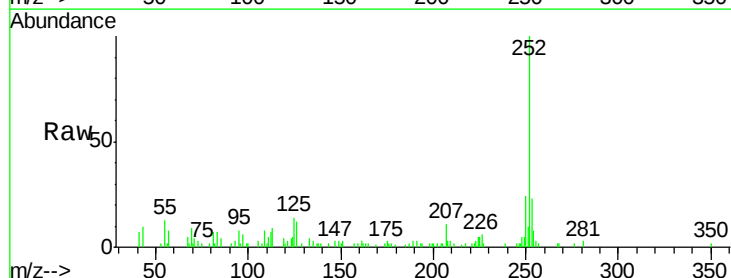
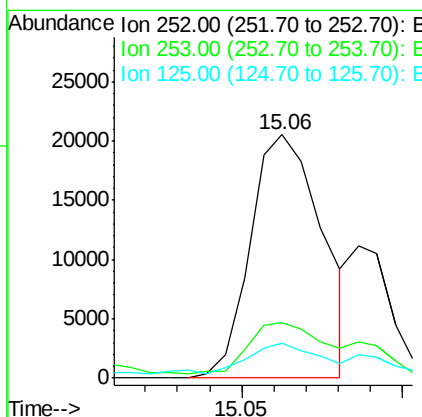
RT: 15.06 min Scan# 2206

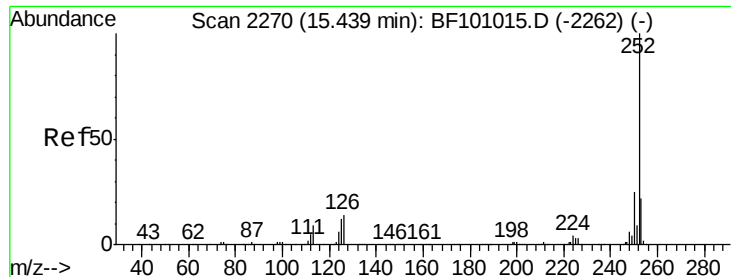
Delta R.T. 0.00 min

Lab File: BF101104.D

Acq: 4 Dec 2017 18:02

Tgt Ion:	252	Resp:	31904
Ion Ratio		Lower	Upper
252	100		
253	22.8	17.0	25.6
125	14.5	9.0	13.6#





#89
 Benzo(a)pyrene
 Concen: 3.46 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF101104.D
 Acq: 4 Dec 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-02A

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	15.7	9.8	14.6

Manual Integrations
 APPROVED

Sohil
 12/5/2017 3:24:36 PM

