

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101334.D
 Acq On : 12 Dec 2017 17:16
 Operator : SJ/JU
 Sample : I6872-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 293-311

Manual Integrations
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 12/13/2017 12:07:37 PM

Quant Time: Dec 13 02:43:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	48263	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	182921	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	75808	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	126097	20.00	ng	0.00
75) Chrysene-d12	14.01	240	111982	20.00	ng	0.00
86) Perylene-d12	15.49	264	81072	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	283123	96.94	ng	0.00
7) Phenol-d6	6.46	99	370489	104.48	ng	0.00
23) Nitrobenzene-d5	7.39	82	226676	73.92	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	62050	68.14	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	438216	79.09	ng	0.00
78) Terphenyl-d14	12.94	244	349977	68.36	ng	0.00
Target Compounds						
10) Phenol	6.47	94	13516	3.428	ng	85
49) Dimethylphthalate	9.57	163	47629	7.790	ng	99
70) Phenanthrene	11.37	178	21572	3.107	ng	99
74) Fluoranthene	12.57	202	36140	4.695	ng	94
77) Pyrene	12.80	202	36744	4.755	ng	98
80) Benzo(a)anthracene	14.00	228	22427	3.172	ng	# 93
82) Chrysene	14.03	228	21440	3.265	ng	# 95
87) Benzo(b)fluoranthene	15.05	252	18916m	3.895	ng	
89) Benzo(a)pyrene	15.42	252	12335	2.794	ng	# 87
91) Benzo(g,h,i)perylene	17.43	276	8091	2.206	ng	# 82

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

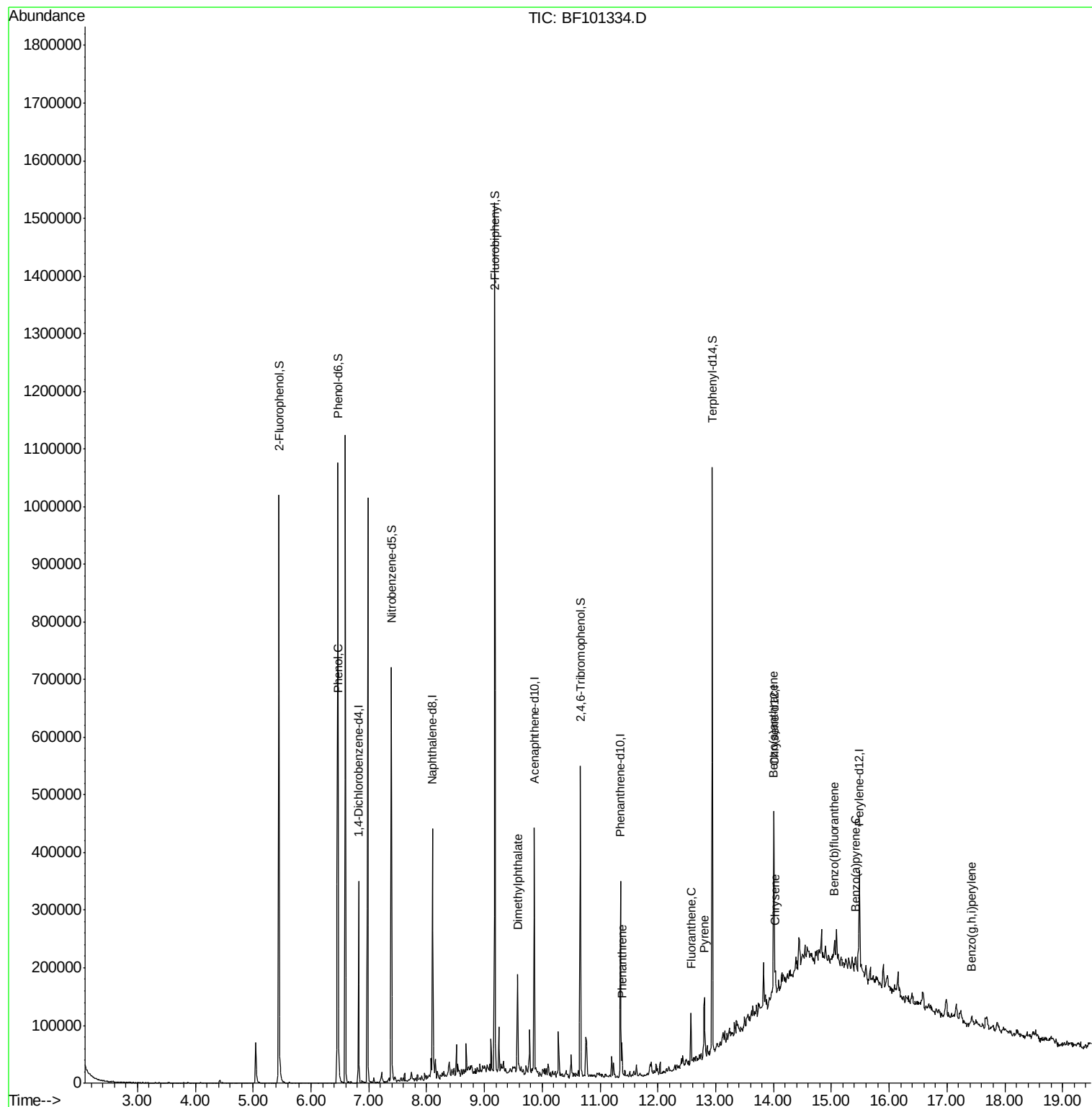
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101334.D
Acq On : 12 Dec 2017 17:16
Operator : SJ/JU
Sample : I6872-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

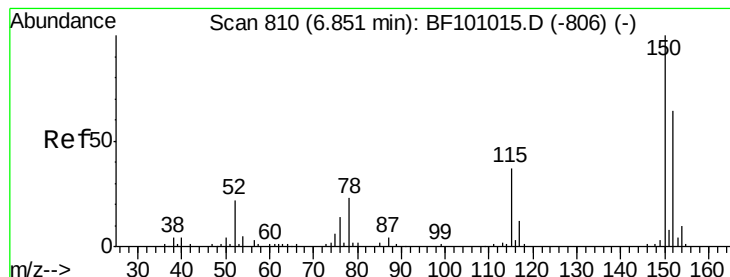
Instrument :
BNA_F
ClientSampleId :
293-311

Manual Integrations
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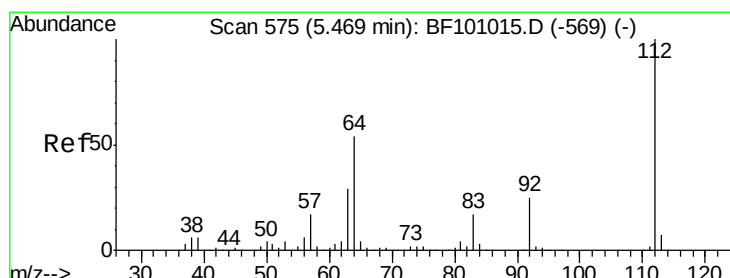
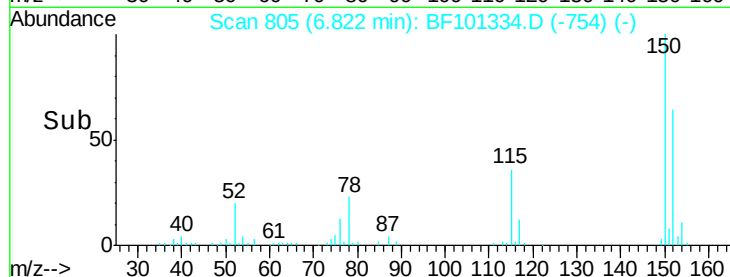
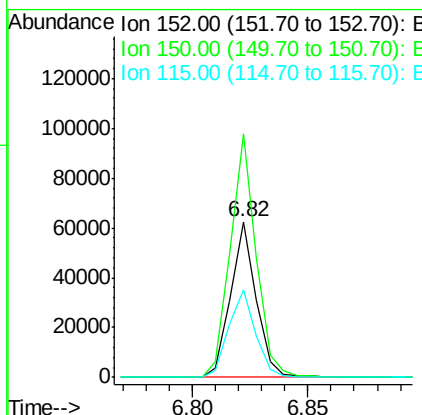
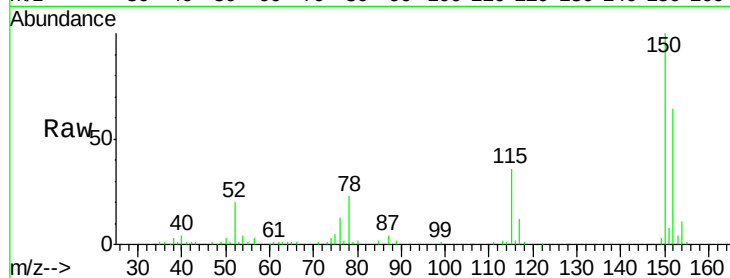
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF101334.D
 Acq: 12 Dec 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :
 293-311

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	56.1	50.1	75.1

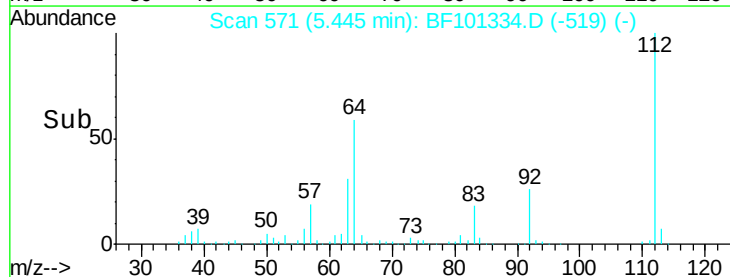
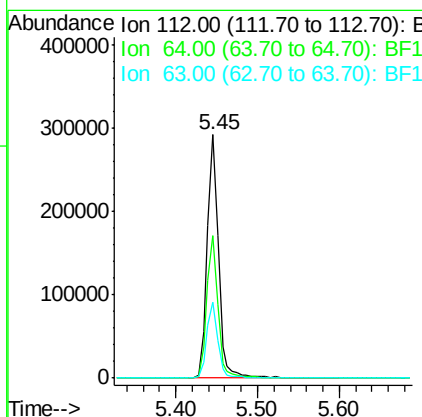
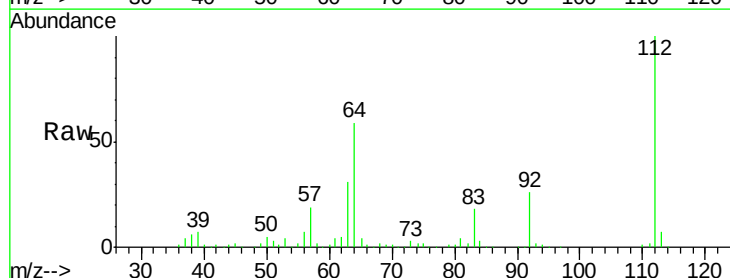
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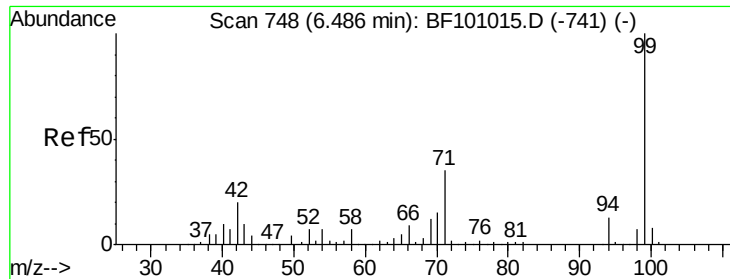
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#5
 2-Fluorophenol
 Concen: 96.937 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF101334.D
 Acq: 12 Dec 2017 17:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	31.2	23.7	35.5





#7

Phenol-d6

Concen: 104.480 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101334.D

Acq: 12 Dec 2017 17:16

Instrument :

BNA_F

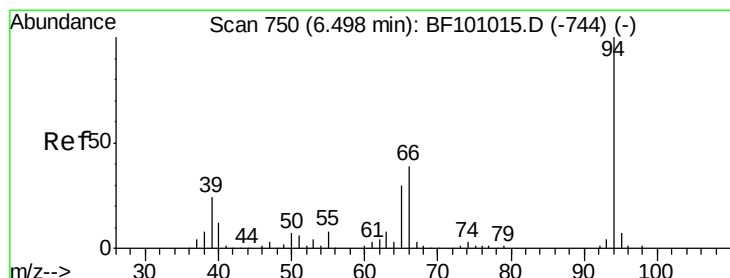
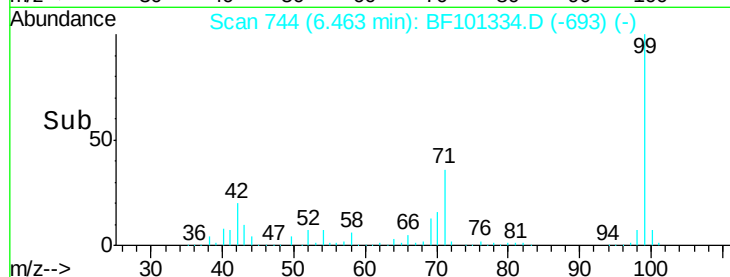
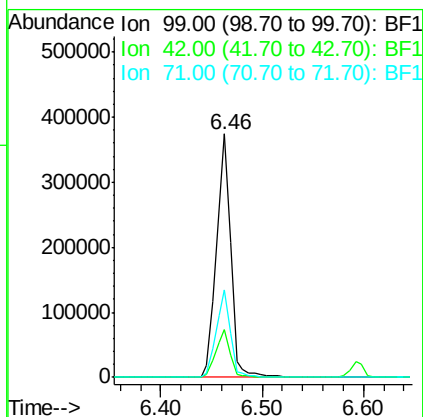
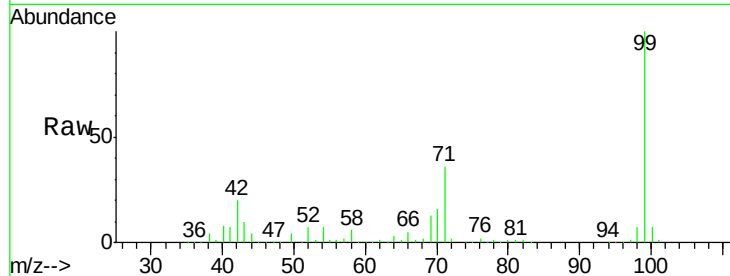
ClientSampled :

293-311

Tot Ion:	99	Resp:	370489
Ion Ratio	Lower	Upper	
99	100		
42	19.8	14.5	21.7
71	36.0	25.4	38.0

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#10

Phenol

Concen: 3.428 ng

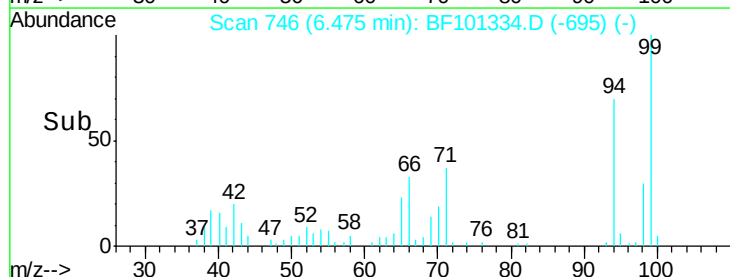
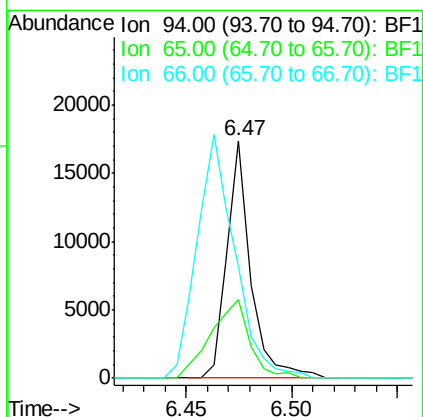
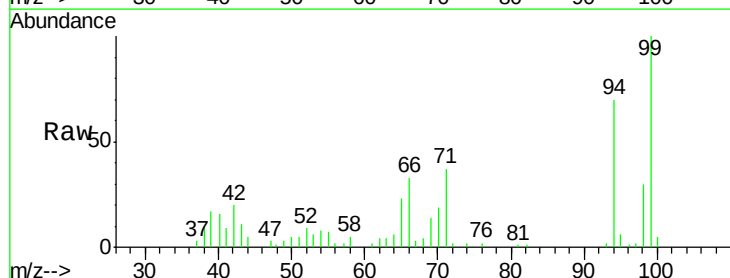
RT: 6.47 min Scan# 746

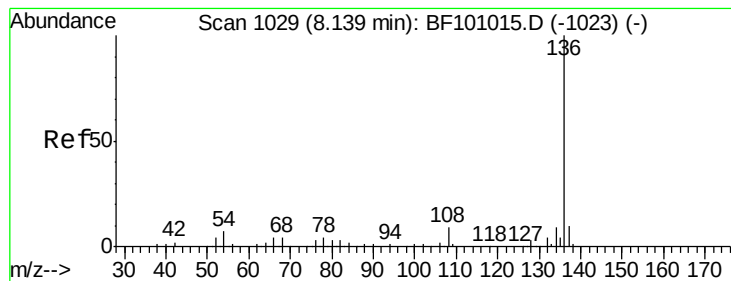
Delta R.T. -0.00 min

Lab File: BF101334.D

Acq: 12 Dec 2017 17:16

Tgt Ion:	94	Resp:	13516
Ion Ratio	Lower	Upper	
94	100		
65	32.9	7.9	47.9
66	47.2	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF101334.D

Acq: 12 Dec 2017 17:16

Instrument :

BNA_F

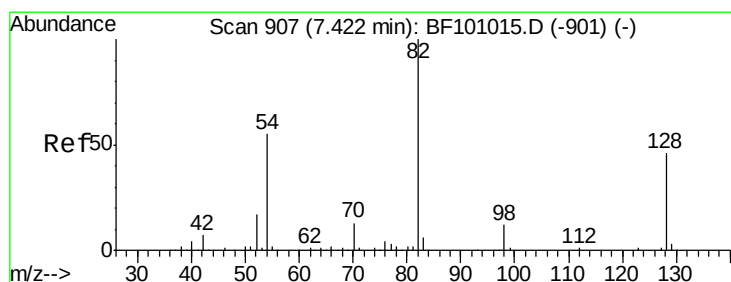
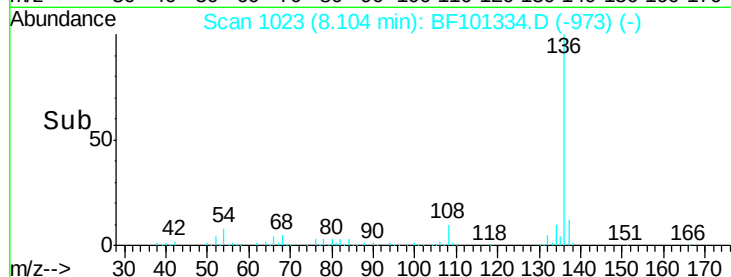
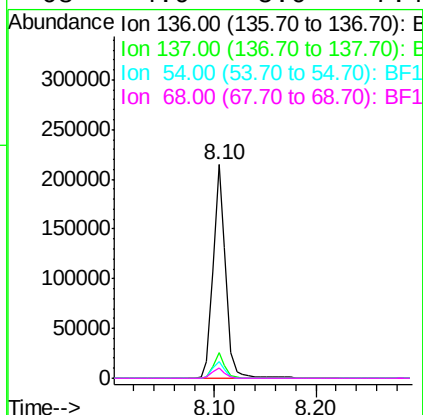
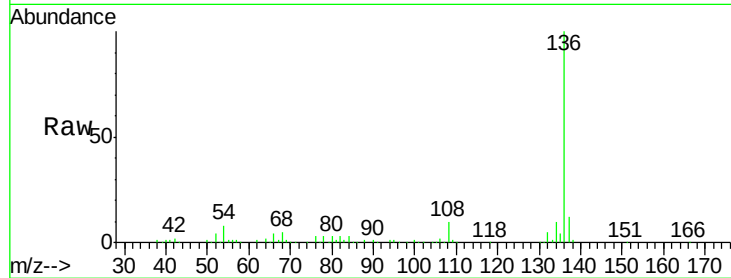
ClientSampled :

293-311

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		182921		
137	11.7		8.9	13.3	
54	7.5		6.6	9.8	
68	4.9		5.0	7.4	

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#23

Nitrobenzene-d5

Concen: 73.922 ng

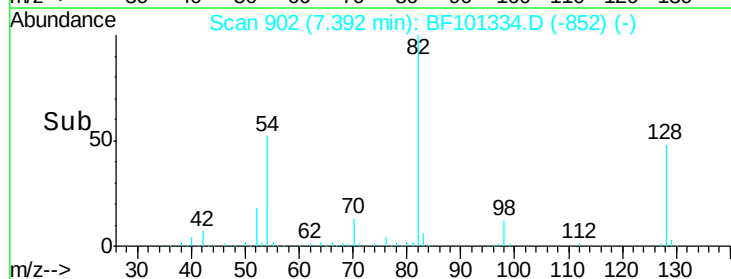
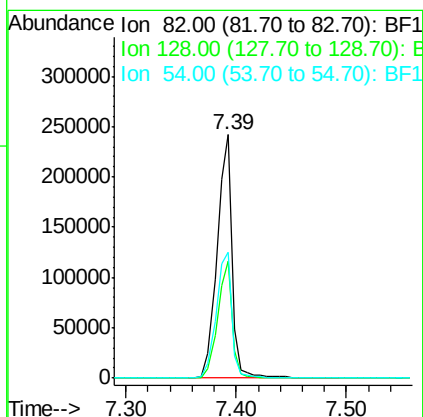
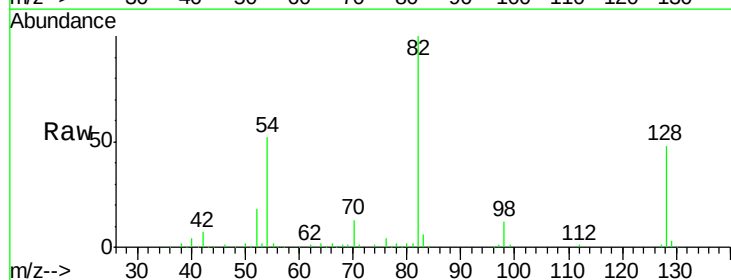
RT: 7.39 min Scan# 902

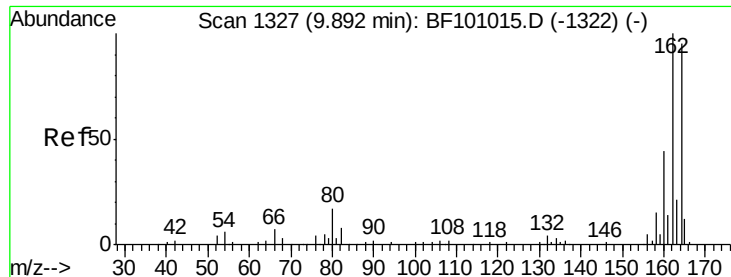
Delta R.T. -0.01 min

Lab File: BF101334.D

Acq: 12 Dec 2017 17:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		226676		
128	47.8		36.1	54.1	
54	51.5		41.4	62.2	





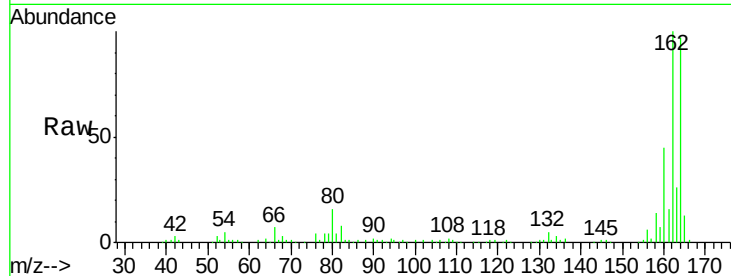
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampleId :
293-311

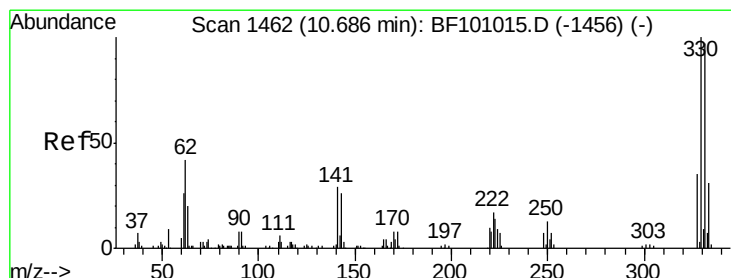
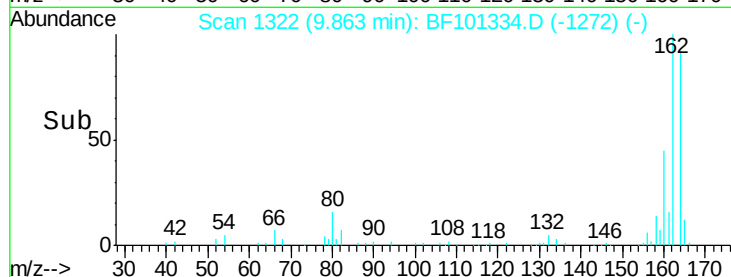
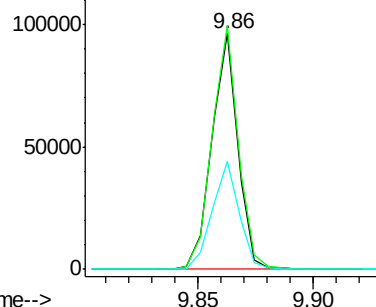
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.1	38.3	57.5

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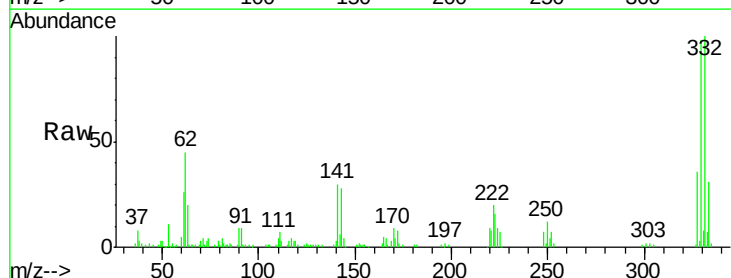


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

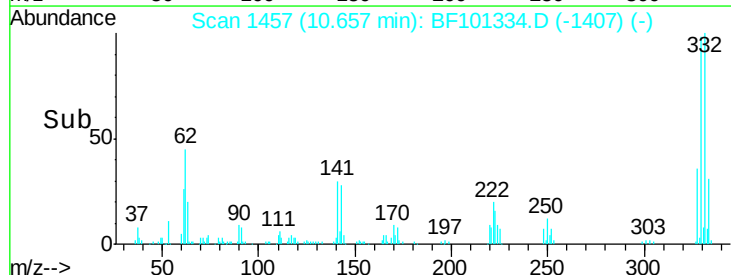
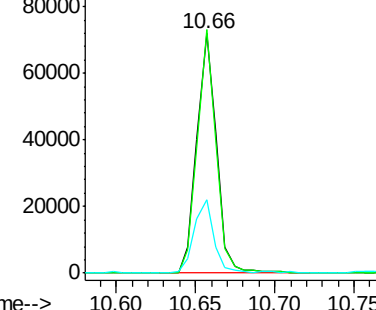


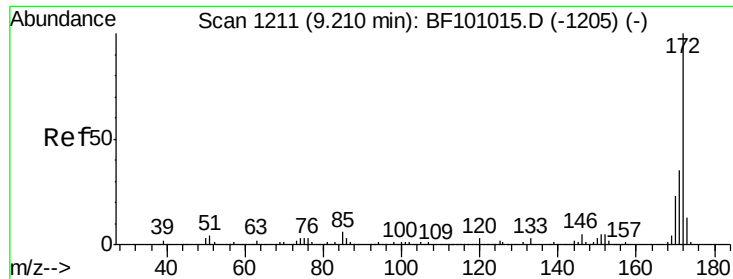
#41
2,4,6-Tribromophenol
Concen: 68.137 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	31.2	29.9	44.9



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





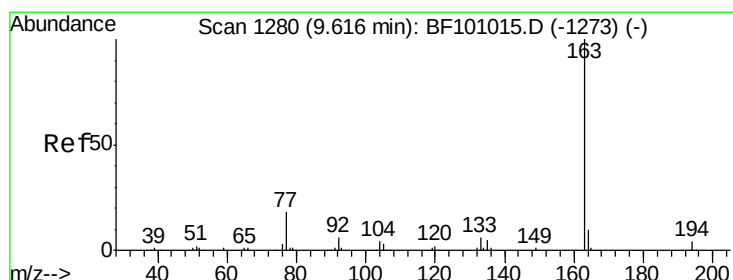
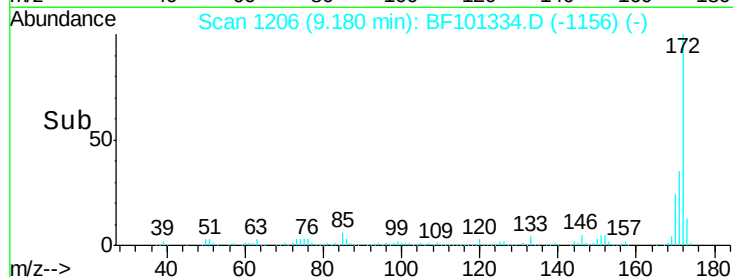
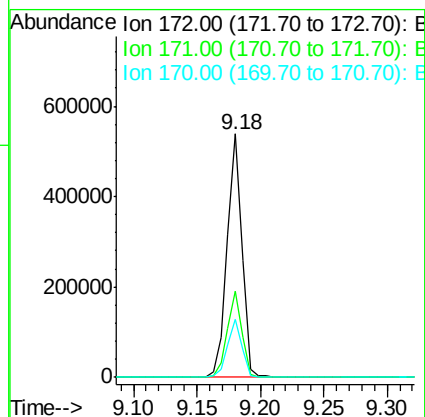
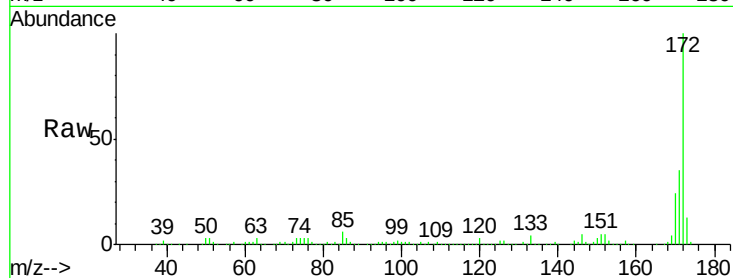
#44
2-Fluorobiphenyl
Concen: 79.090 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampleId :
293-311

Tot Ion	Ratio	Resp	Lower	Upper
172	100	438216		
171	35.3	29.7	44.5	
170	23.7	19.6	29.4	

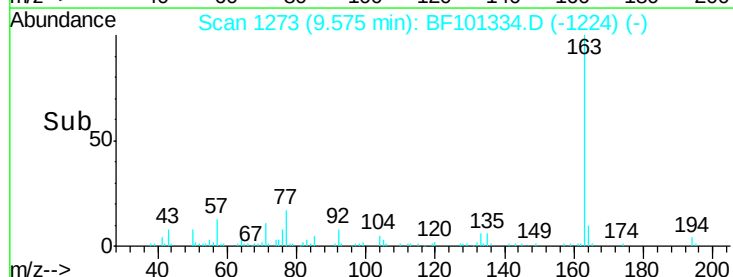
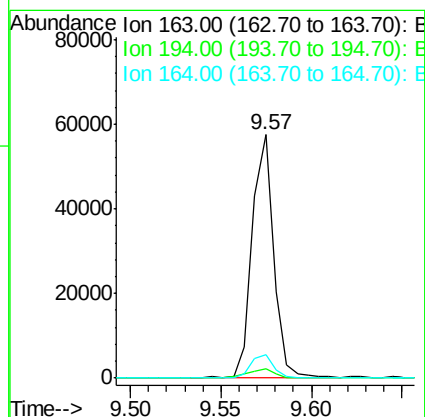
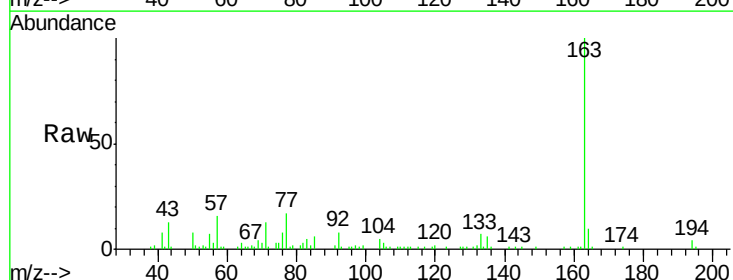
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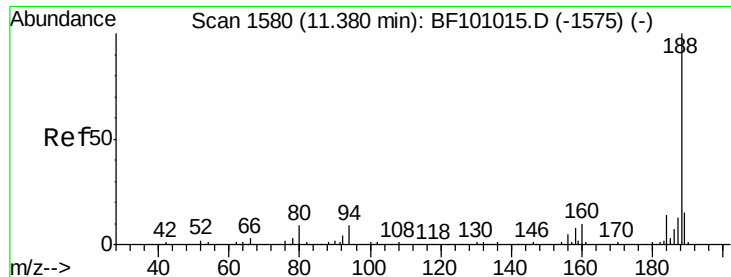
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#49
Dimethylphthalate
Concen: 7.790 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	47629		
194	3.7	2.7	4.1	
164	9.9	8.2	12.2	





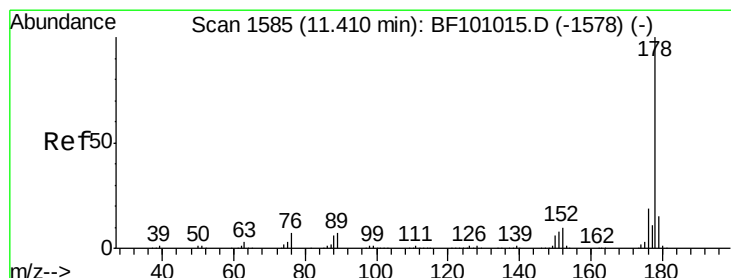
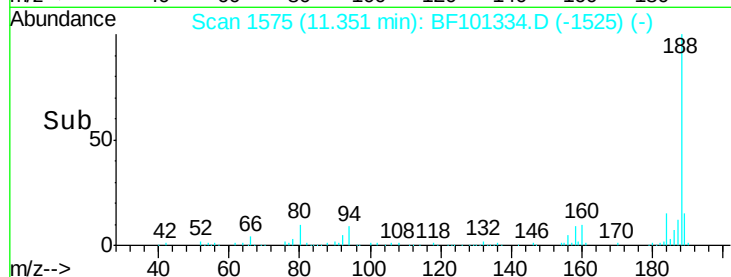
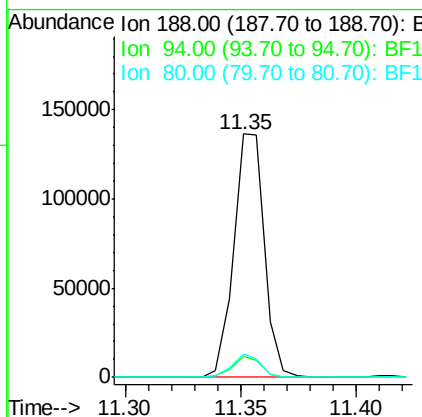
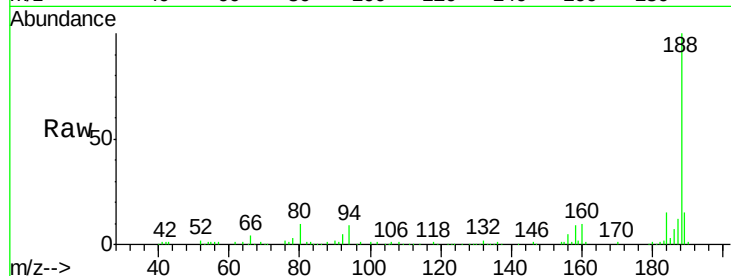
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampled :
293-311

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.8	9.2	13.8

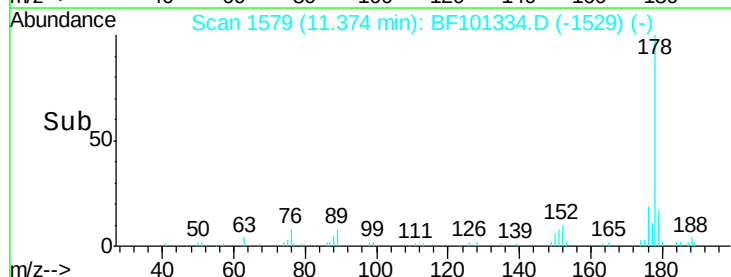
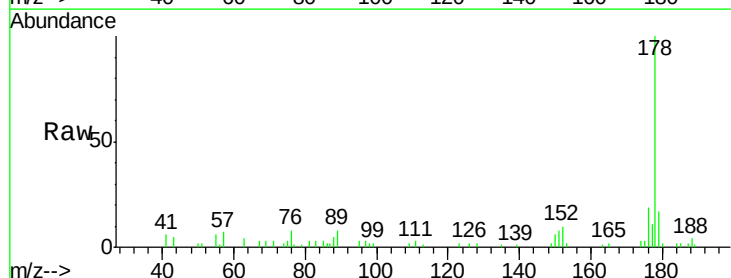
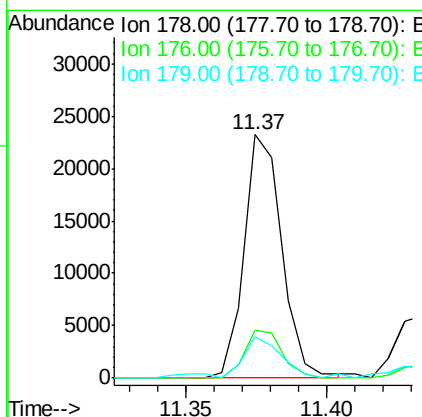
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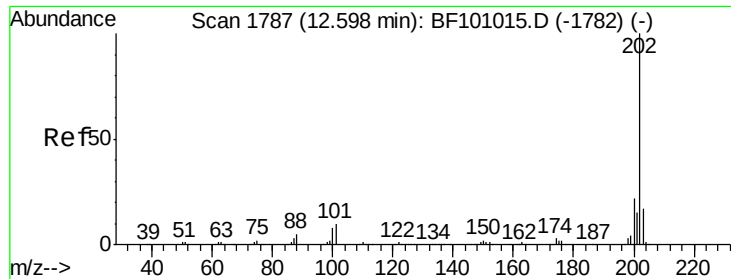
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#70
Phenanthrene
Concen: 3.107 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.4	15.8	23.8
179	17.1	13.0	19.6





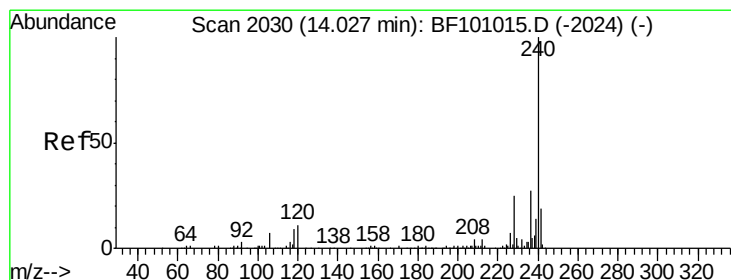
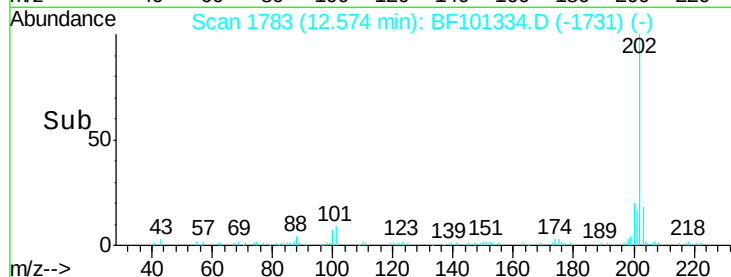
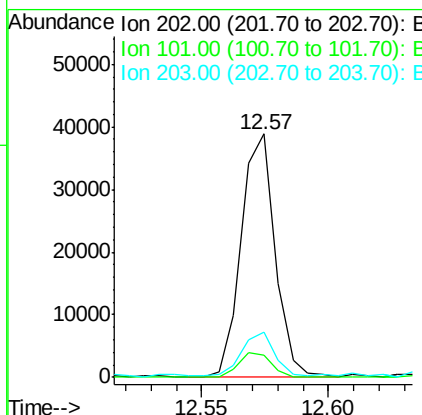
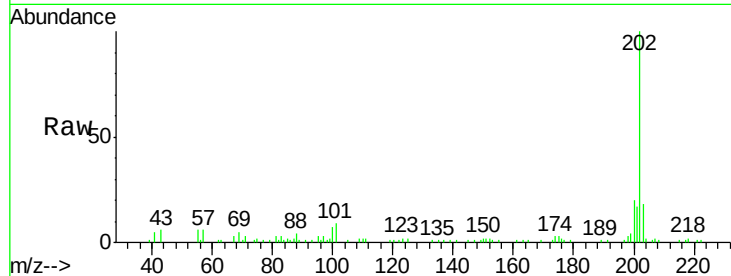
#74
Fluoranthene
Concen: 4.695 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampled :
293-311

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	0.0	34.1
203	18.4	0.0	38.1

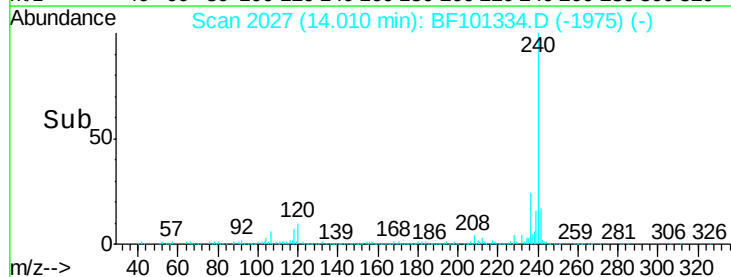
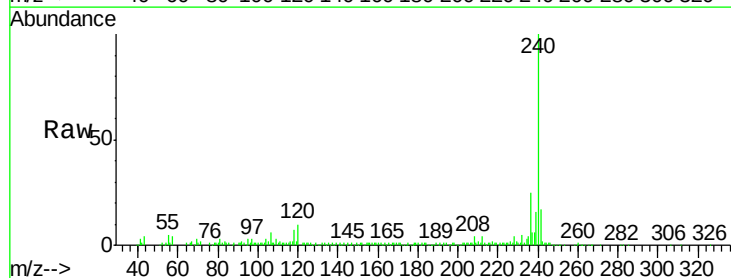
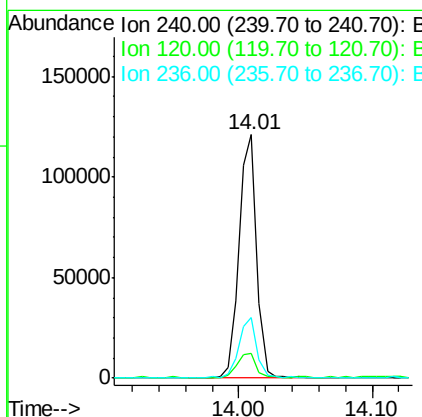
Manual Integrations
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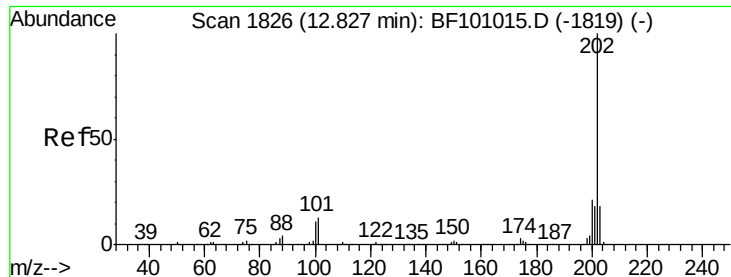
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.9	9.5	14.3
236	24.7	20.7	31.1





#77

Pvrene

Concen: 4.755 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BF101334.D

Acq: 12 Dec 2017 17:16

Instrument :

BNA_F

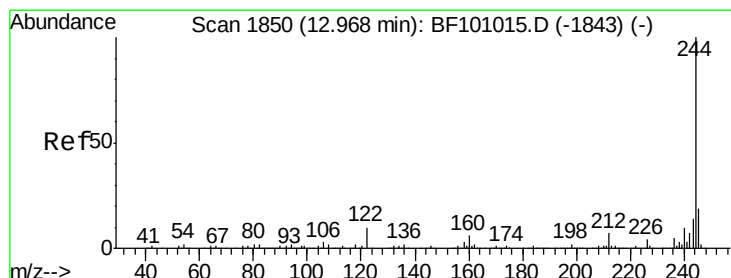
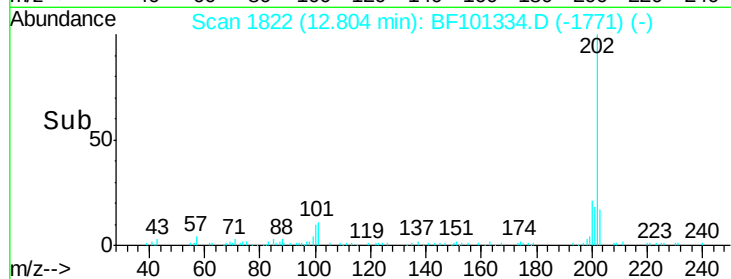
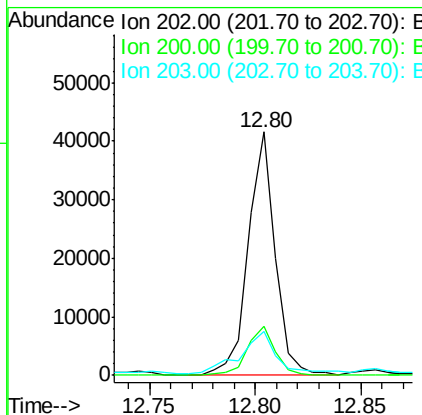
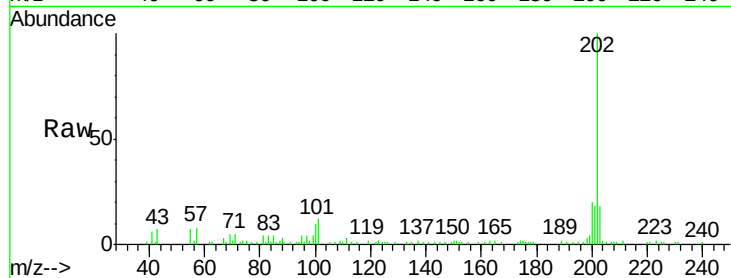
ClientSampled :

293-311

Tot Ion:	202	Resp:	36744
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.4	26.2
203	18.3	14.3	21.5

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12/13/2017 12:07:37 PM



#78

Terphenyl-d14

Concen: 68.358 ng

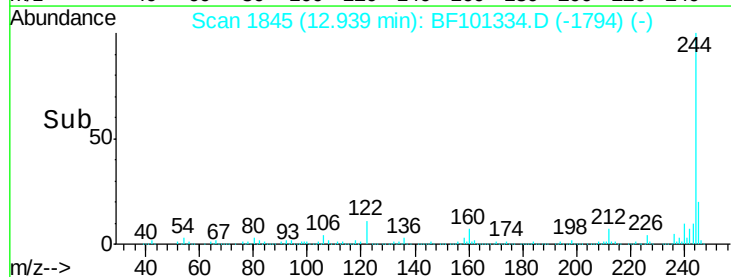
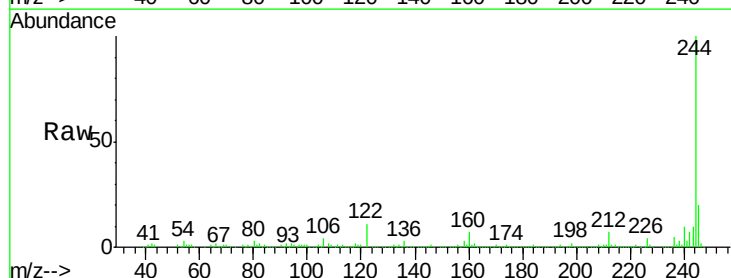
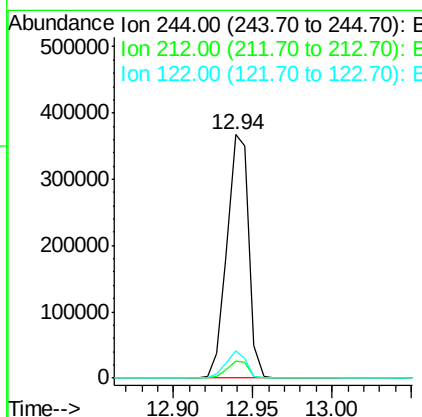
RT: 12.94 min Scan# 1845

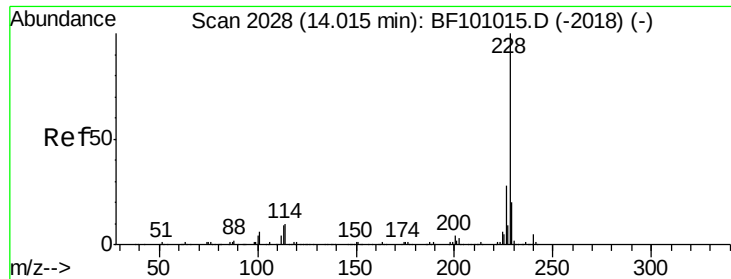
Delta R.T. -0.00 min

Lab File: BF101334.D

Acq: 12 Dec 2017 17:16

Tgt Ion:	244	Resp:	349977
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	11.3	11.0	16.4





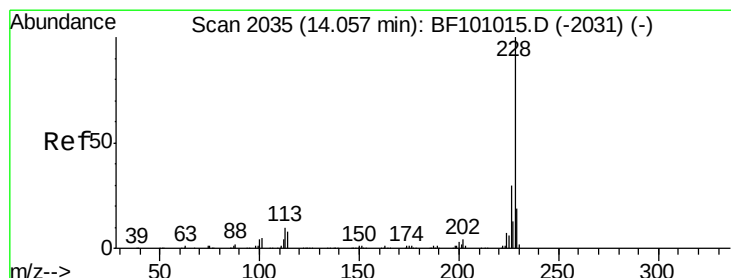
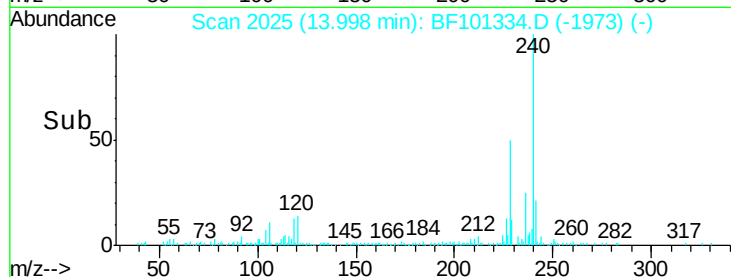
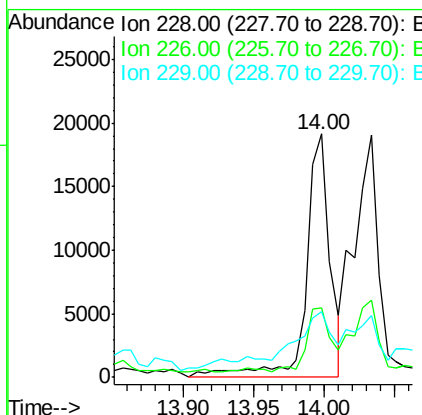
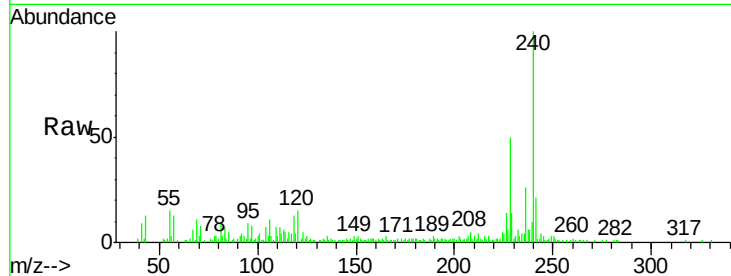
#80
Benzo(a)anthracene
Concen: 3.172 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampled :
293-311

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	27.1	15.8	23.6

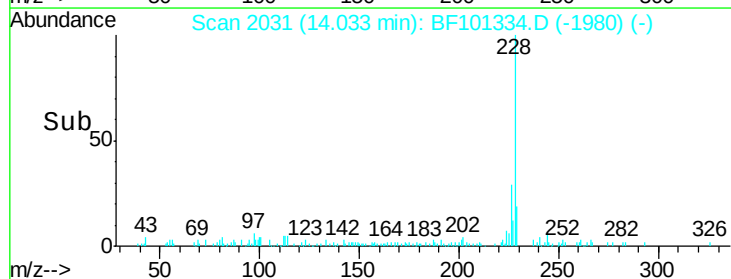
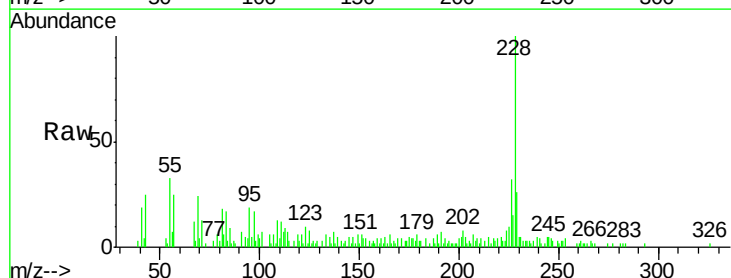
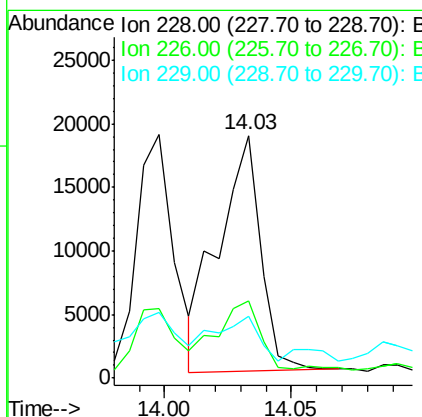
Manual Integrations
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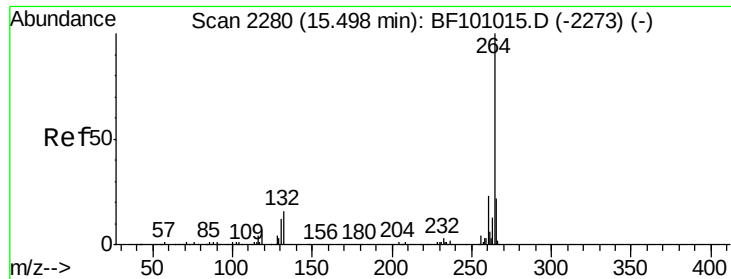
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#82
Chrysene
Concen: 3.265 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	25.7	16.2	24.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.02 min

Lab File: BF101334.D

Acq: 12 Dec 2017 17:16

Instrument :

BNA_F

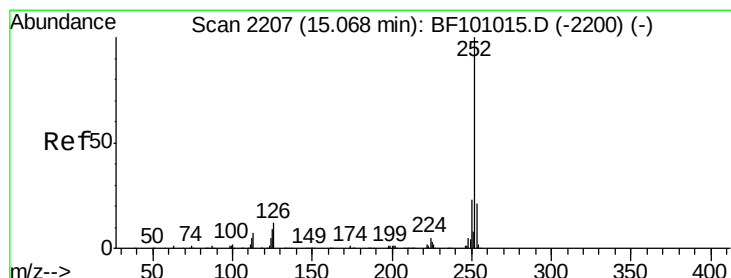
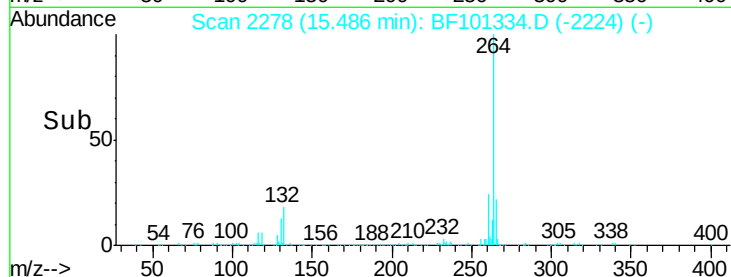
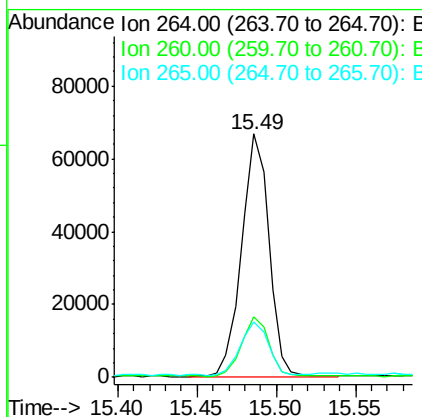
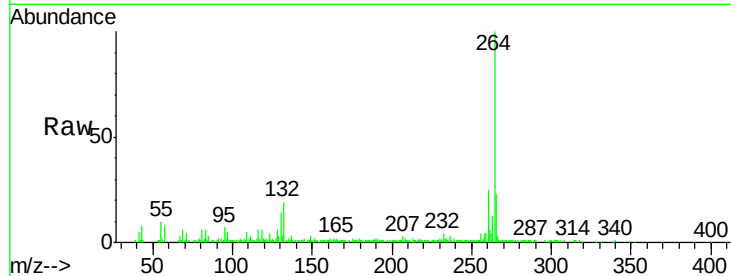
ClientSampleId :

293-311

Tot Ion:	264	Resp:	81072
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.2	28.8
265	22.8	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 3.895 ng m

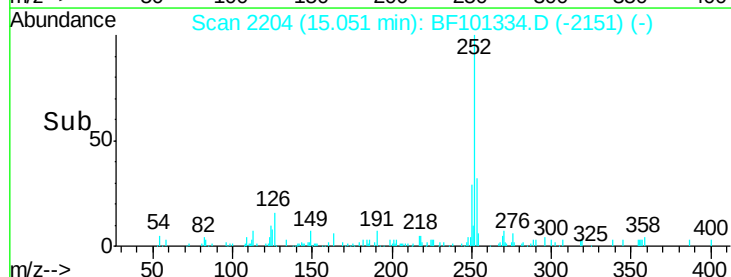
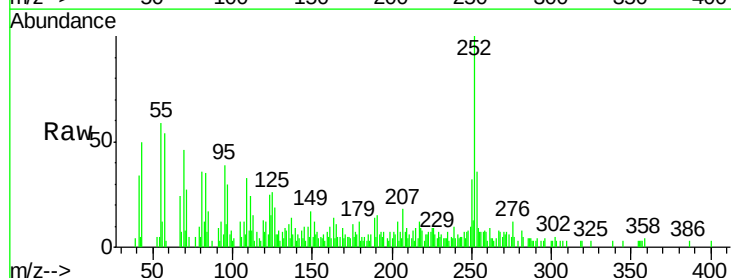
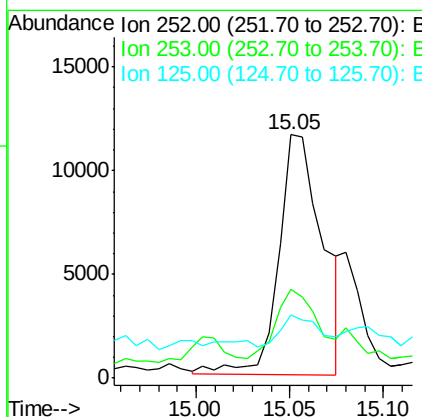
RT: 15.05 min Scan# 2204

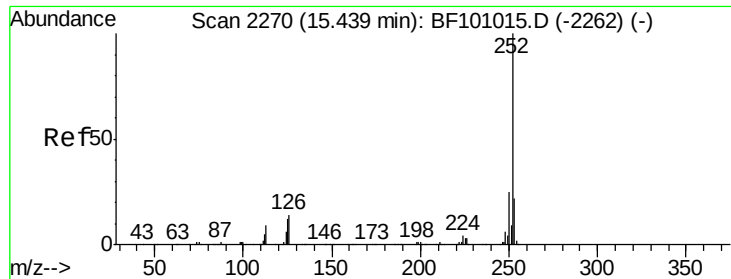
Delta R.T. 0.01 min

Lab File: BF101334.D

Acq: 12 Dec 2017 17:16

Tgt Ion:	252	Resp:	18916
Ion Ratio	Lower	Upper	
252	100		
253	36.2	17.0	25.6#
125	26.1	9.0	13.6#





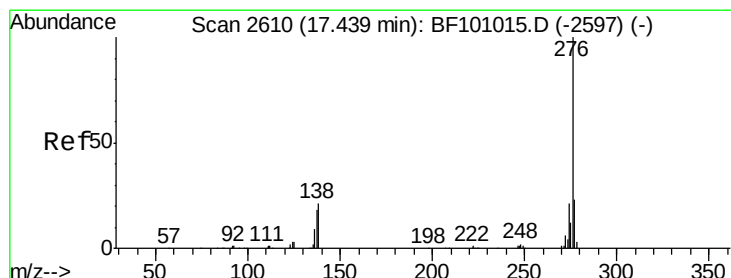
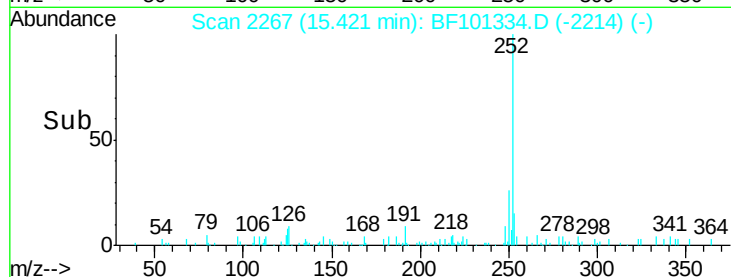
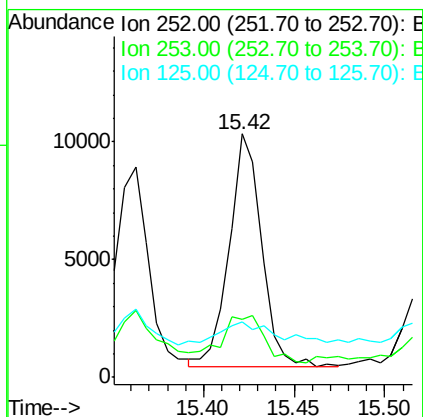
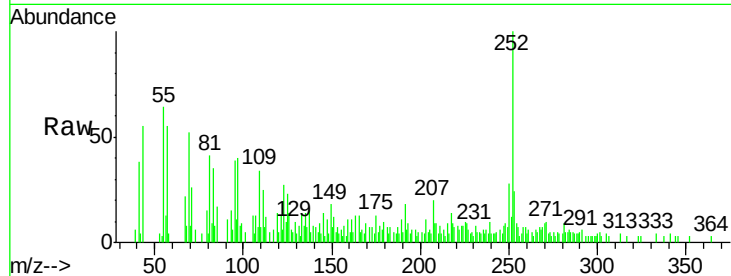
#89
Benzo(a)pyrene
Concen: 2.794 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Instrument :
BNA_F
ClientSampled :
293-311

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	22.7	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.206 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.04 min
Lab File: BF101334.D
Acq: 12 Dec 2017 17:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	35.6	17.9	26.9
138	32.3	21.8	32.8

