

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101403.D
 Acq On : 14 Dec 2017 19:50
 Operator : SJ/JU
 Sample : I6837-01 100X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-69-01

Manual Integrations
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Sohil
 12/15/2017 6:44:13 PM

Quant Time: Dec 15 00:40:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	183103	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	740575	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	336011	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	624203	20.00	ng	0.00
75) Chrysene-d12	13.99	240	446460	20.00	ng	-0.01
86) Perylene-d12	15.46	264	340169	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	295	0.02	ng	0.06
7) Phenol-d6	6.47	99	1460	0.10	ng	0.01
23) Nitrobenzene-d5	7.40	82	738	0.06	ng	0.02
41) 2,4,6-Tribromophenol	10.66	330	286	0.09	ng	0.01
44) 2-Fluorobiphenyl	9.17	172	1913	0.09	ng	0.00
78) Terphenyl-d14	12.93	244	3623	0.20	ng	0.00

Target Compounds				Qvalue		
3) Pyridine	3.43	79	36612	2.086	ng	95
10) Phenol	6.48	94	62648	3.593	ng	98
20) 3+4-Methylphenols	7.25	107	34317	2.723	ng	87
31) Naphthalene	8.12	128	248460	6.664	ng	98
54) Dibenzofuran	10.06	168	66465	2.417	ng	98
57) Fluorene	10.40	166	130590	5.614	ng	99
70) Phenanthrene	11.37	178	992642	28.596	ng	99
71) Anthracene	11.42	178	429040	12.100	ng	99
72) Carbazole	11.58	167	163794	4.934	ng	97
74) Fluoranthene	12.56	202	875170	24.019	ng	98
77) Pyrene	12.79	202	650790	19.423	ng	99
80) Benzo(a)anthracene	13.98	228	287554	9.754	ng	99
82) Chrysene	14.02	228	223659	8.035	ng	98
85) Indeno(1,2,3-cd)pyrene	16.94	276	71407	2.881	ng	94
87) Benzo(b)fluoranthene	15.04	252	174295m	8.406	ng	
88) Benzo(k)fluoranthene	15.06	252	77326m	3.836	ng	
89) Benzo(a)pyrene	15.40	252	137384	7.188	ng	99
91) Benzo(g,h,i)perylene	17.39	276	62512	3.847	ng	96

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

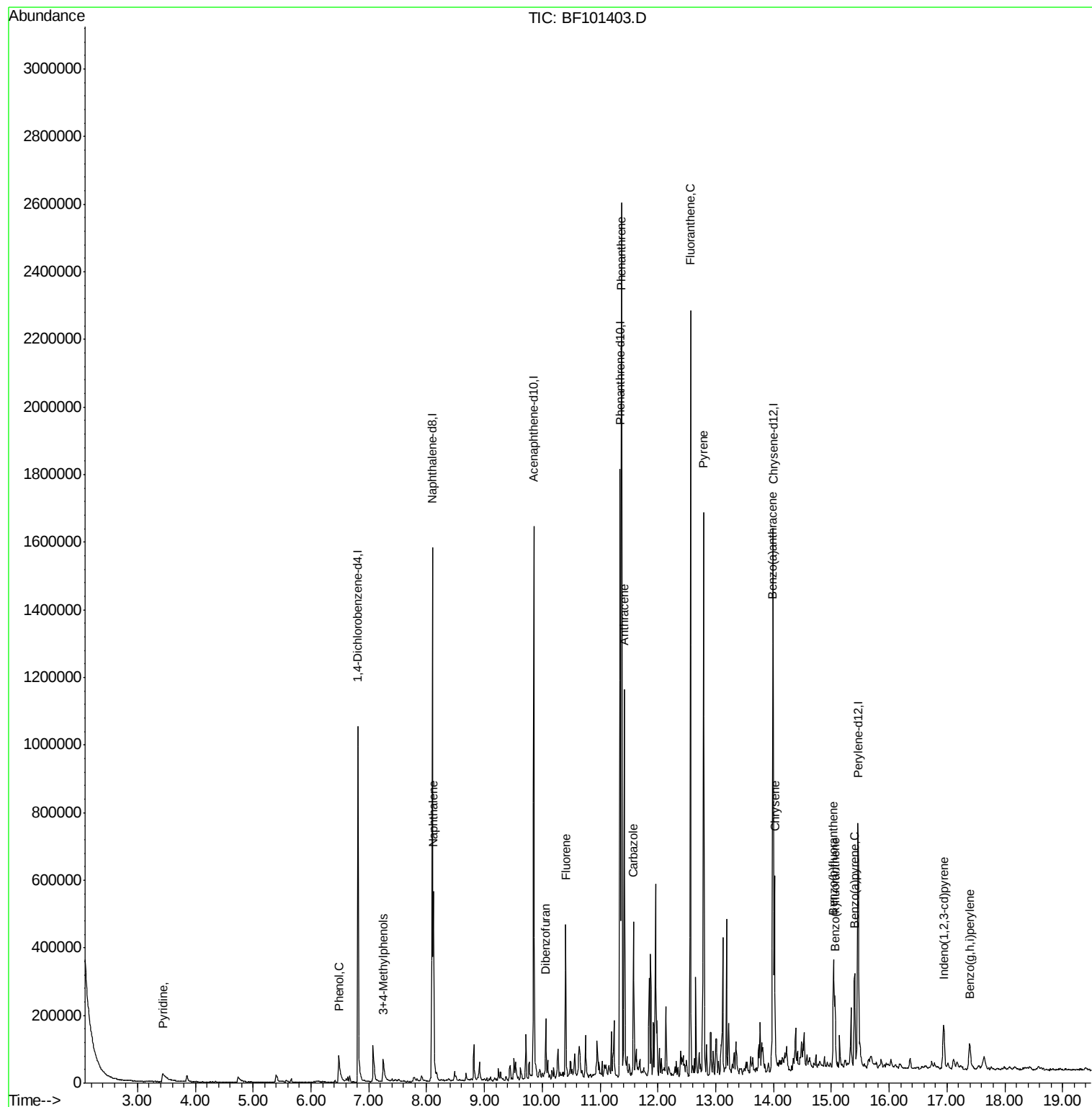
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101403.D
Acq On : 14 Dec 2017 19:50
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Sample : I6837-01 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

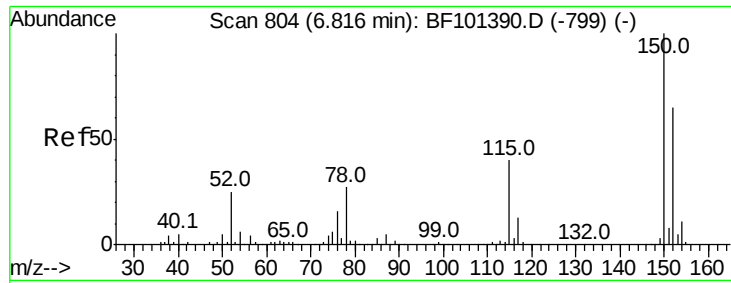
Instrument :
BNA_F
ClientSampleId :
WC-69-01

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Quant Time: Dec 15 00:40:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

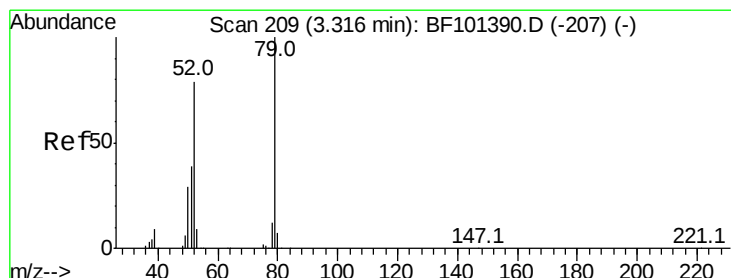
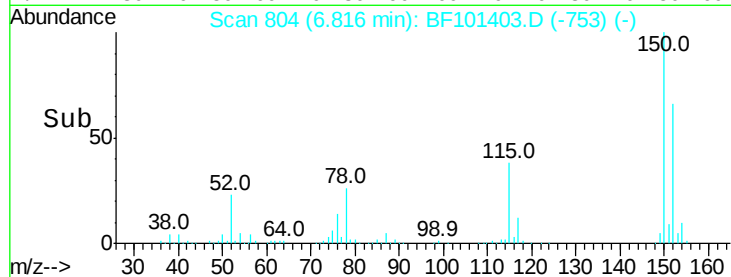
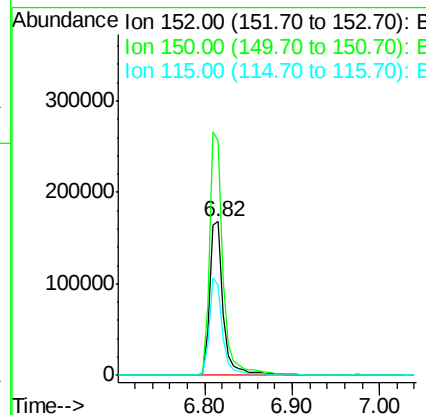
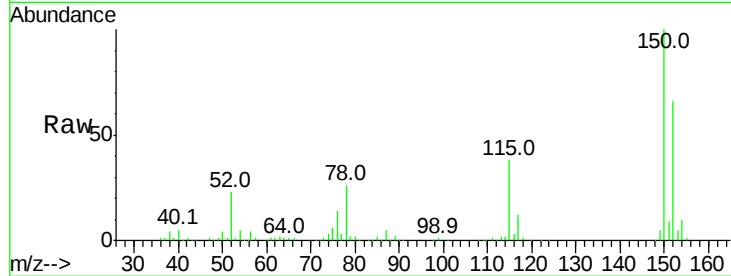
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101403.D
Acq: 14 Dec 2017 19:50

Instrument :
BNA_F
ClientSampleId :
WC-69-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	58.1	50.1	75.1

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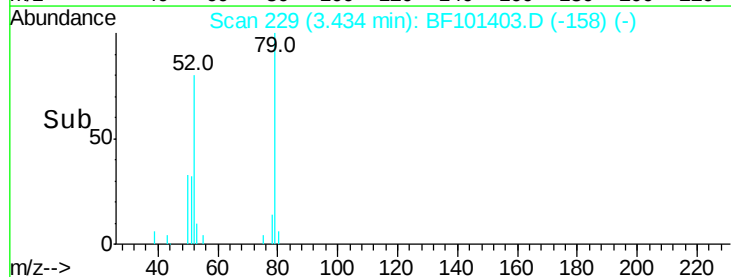
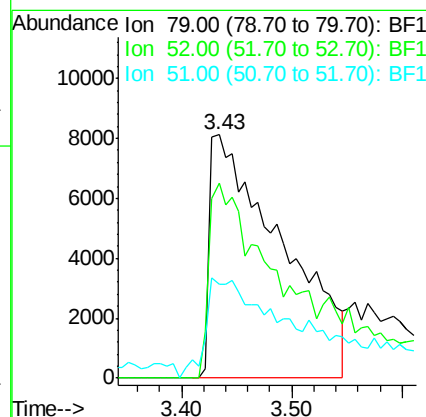
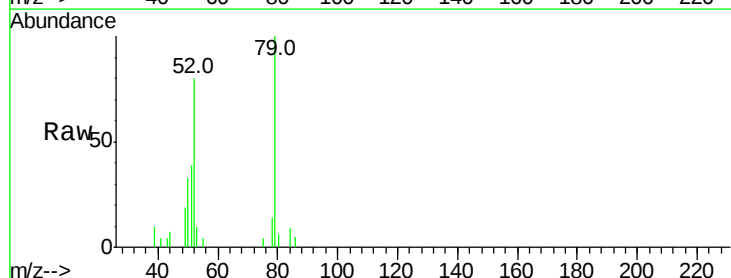
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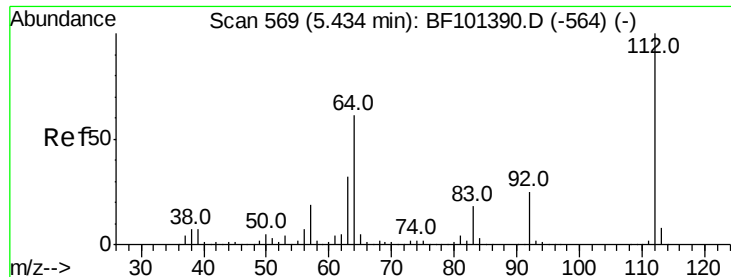


#3

Pyridine
Concen: 2.086 ng
RT: 3.43 min Scan# 229
Delta R.T. 0.12 min
Lab File: BF101403.D
Acq: 14 Dec 2017 19:50

Tgt Ion	Ratio	Lower	Upper
79	100		
52	80.1	59.8	89.6
51	38.6	29.8	44.8





#5

2-Fluorophenol

Concen: 0.024 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.06 min

Lab File: BF101403.D

Acq: 14 Dec 2017 19:50

Instrument :

BNA_F

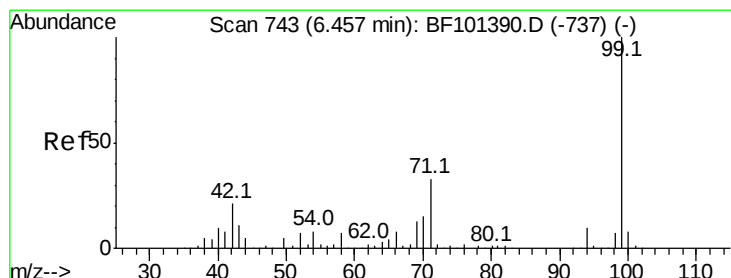
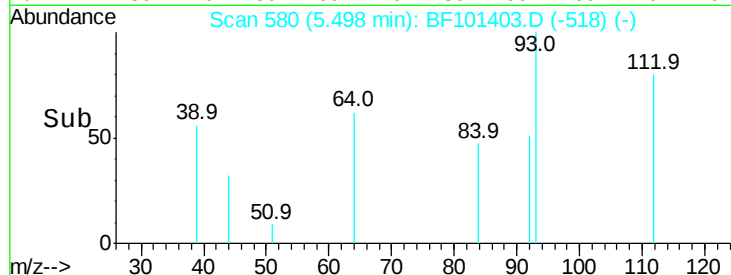
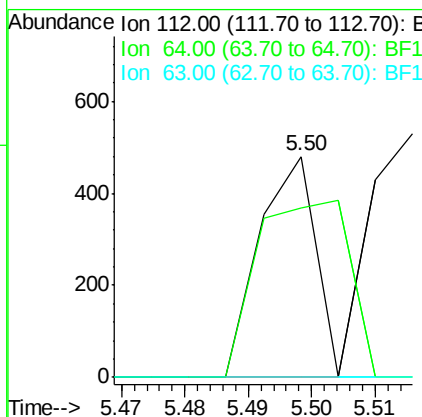
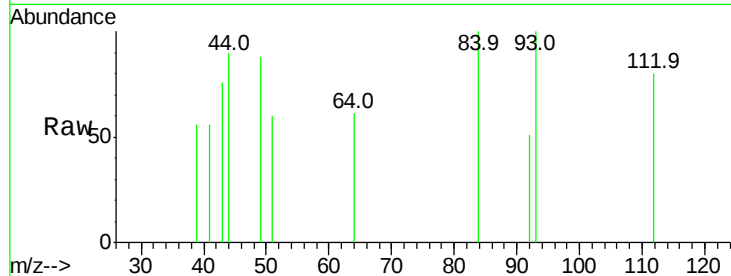
ClientSampleId :

WC-69-01

Tot Ion:	112	Resp:	295
Ion Ratio	Lower	Upper	
112	100		
64	76.9	47.9	71.9#
63	0.0	23.7	35.5#

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#7

Phenol-d6

Concen: 0.095 ng

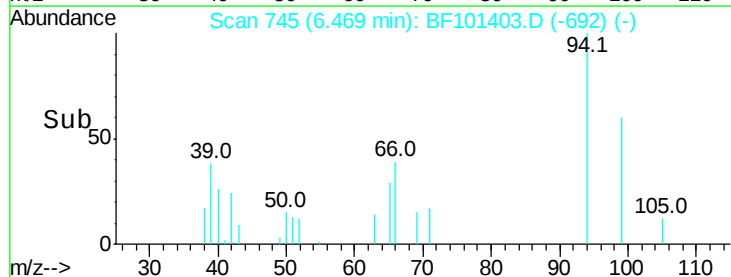
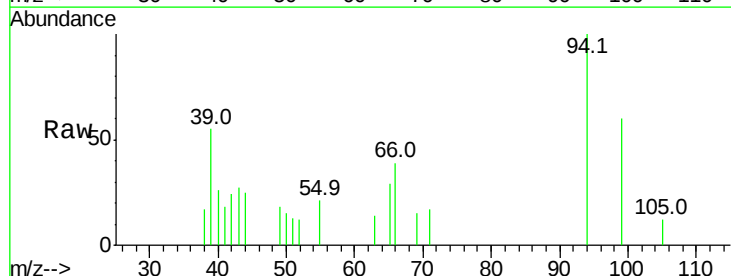
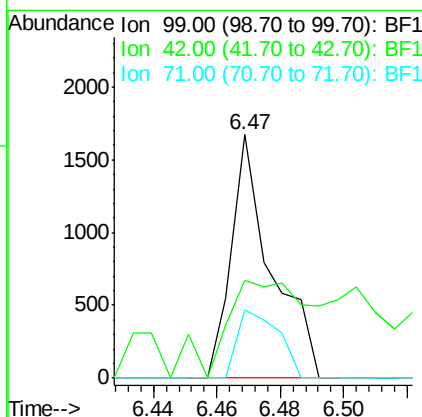
RT: 6.47 min Scan# 745

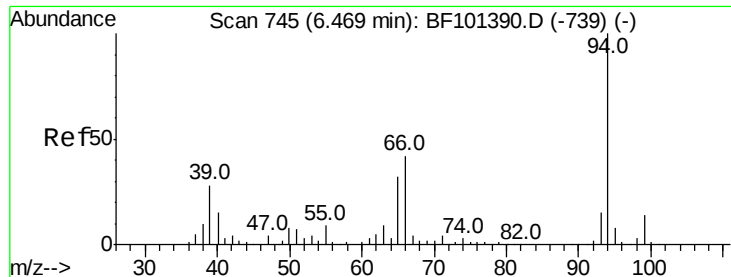
Delta R.T. 0.01 min

Lab File: BF101403.D

Acq: 14 Dec 2017 19:50

Tgt Ion:	99	Resp:	1460
Ion Ratio	Lower	Upper	
99	100		
42	40.0	14.5	21.7#
71	27.9	25.4	38.0





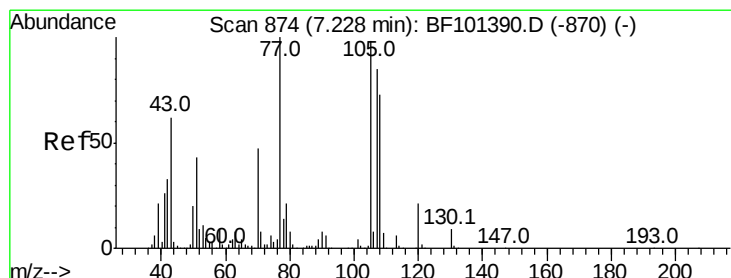
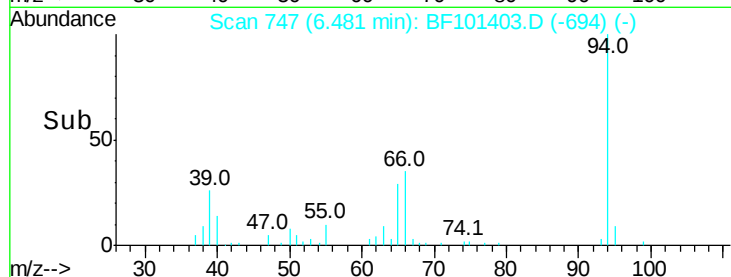
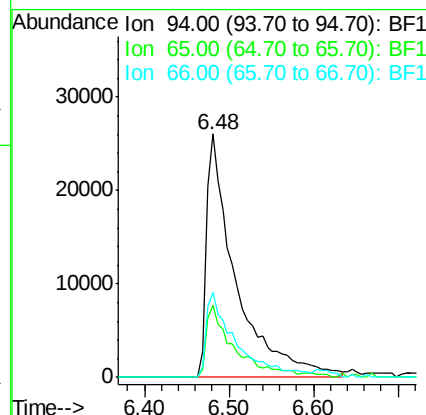
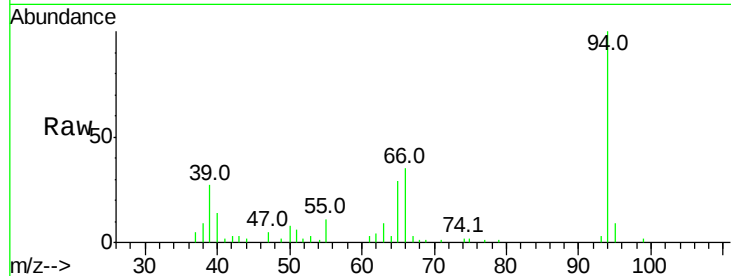
#10
Phenol
Concen: 3.593 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF101403.D
Acq: 14 Dec 2017 19:50

Instrument :
BNA_F
ClientSampleId :
WC-69-01

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.4	7.9	47.9
66	34.9	16.2	56.2

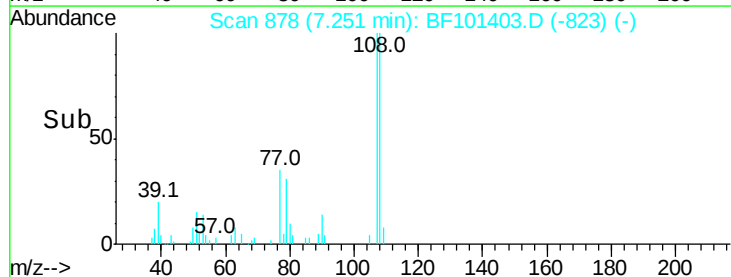
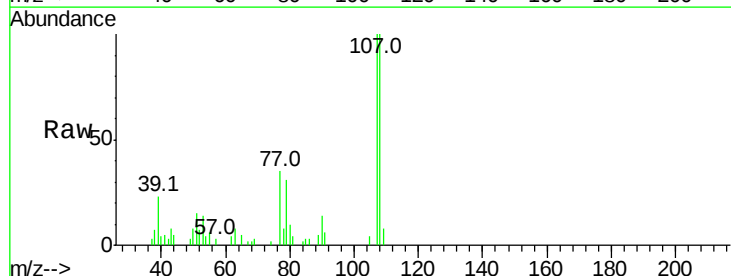
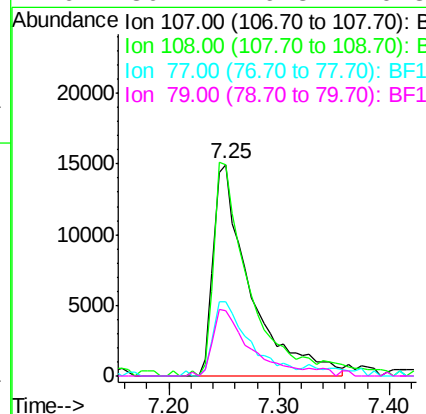
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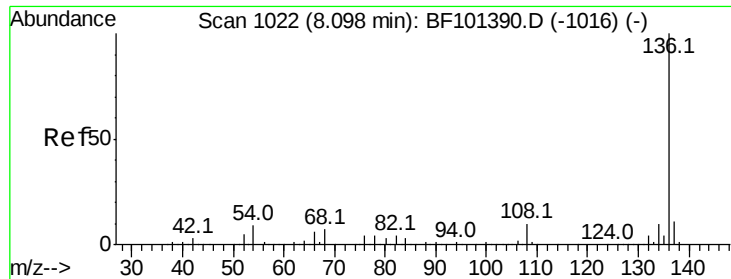
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#20
3+4-Methylphenols
Concen: 2.723 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.02 min
Lab File: BF101403.D
Acq: 14 Dec 2017 19:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	99.8	68.2	108.2
77	35.4	26.7	66.7
79	30.7	6.3	46.3





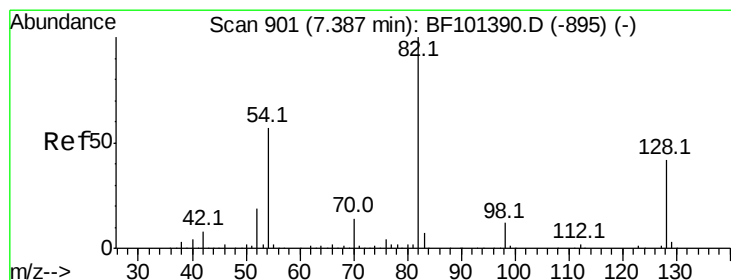
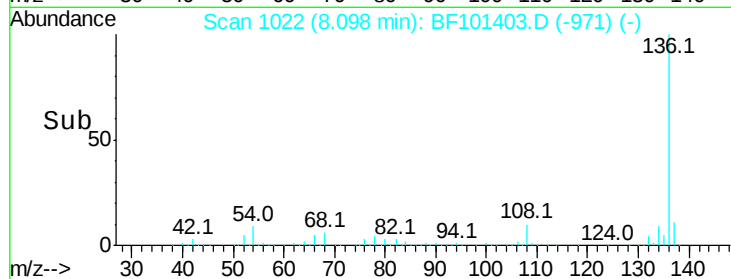
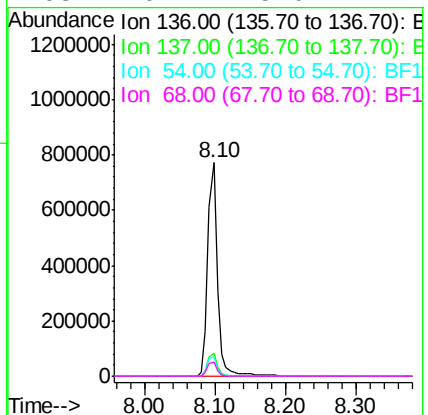
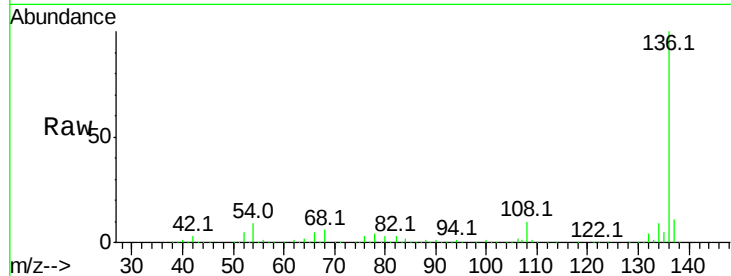
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF101403.D
Acq: 14 Dec 2017 19:50

Instrument :
BNA_F
ClientSampleId :
WC-69-01

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	6.4	5.0	7.4

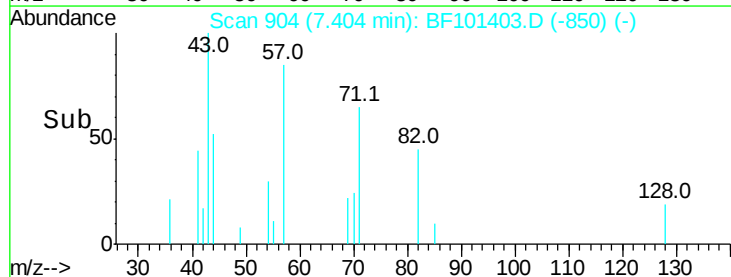
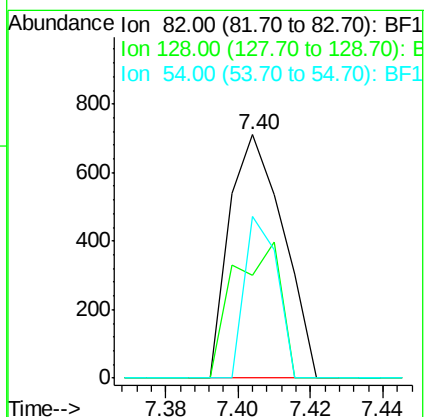
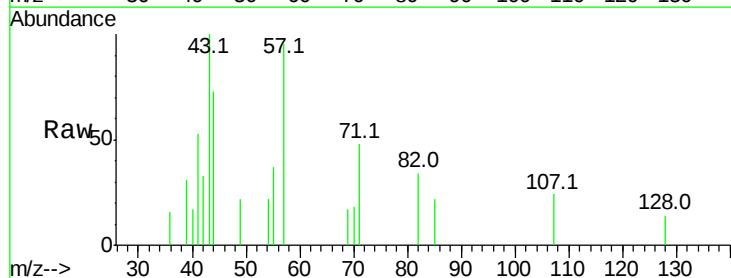
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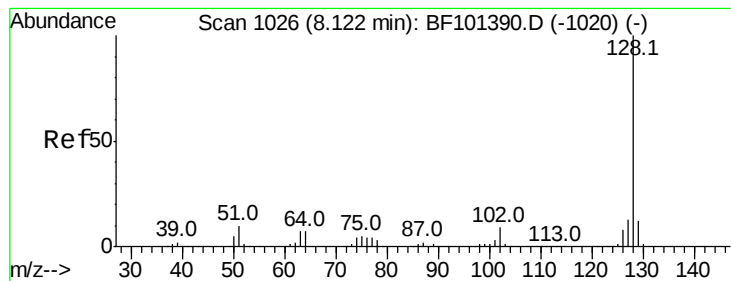
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#23
Nitrobenzene-d5
Concen: 0.055 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.02 min
Lab File: BF101403.D
Acq: 14 Dec 2017 19:50

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	42.2	36.1	54.1
54	66.2	41.4	62.2#





#31

Naphthalene

Concen: 6.664 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF101403.D

Acq: 14 Dec 2017 19:50

Instrument :

BNA_F

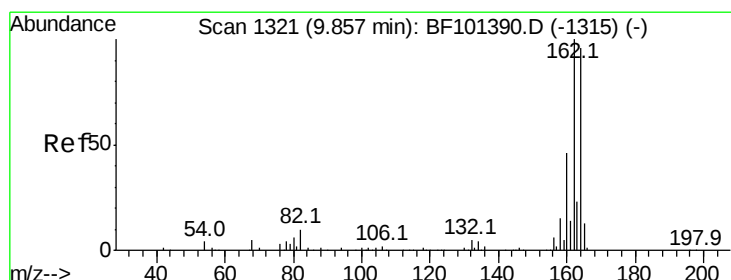
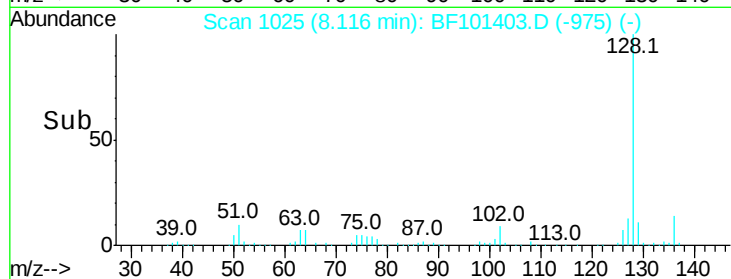
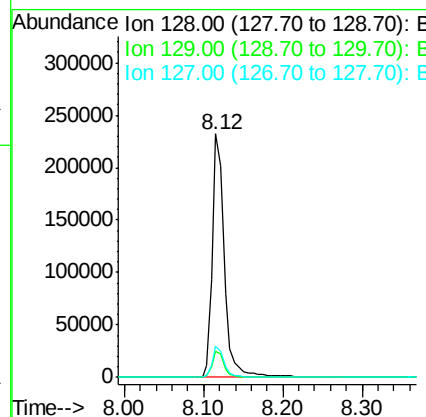
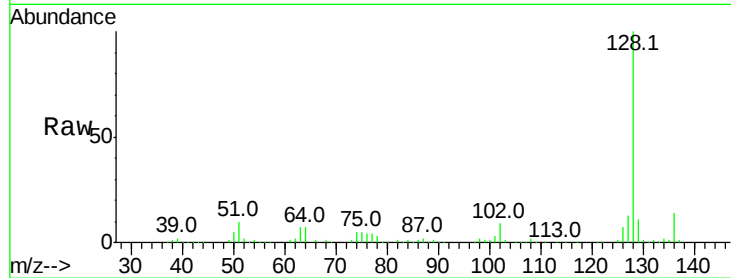
ClientSampleId :

WC-69-01

Tot Ion:	128	Resp:	248460
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.8	13.2
127	12.7	10.9	16.3

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#38

Acenaphthene-d10

Concen: 20.000 ng

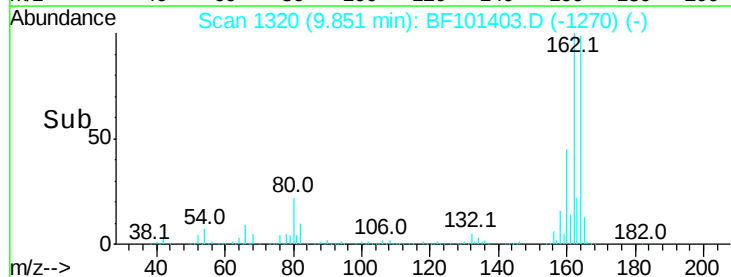
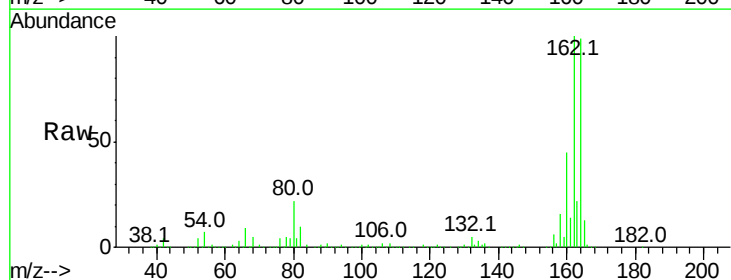
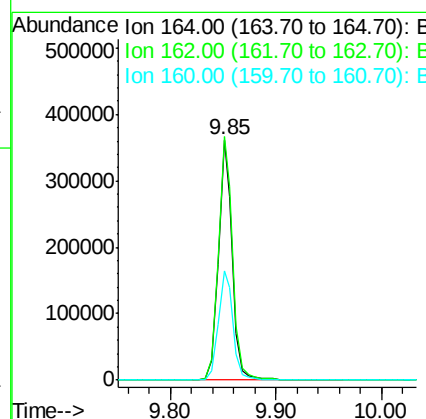
RT: 9.85 min Scan# 1320

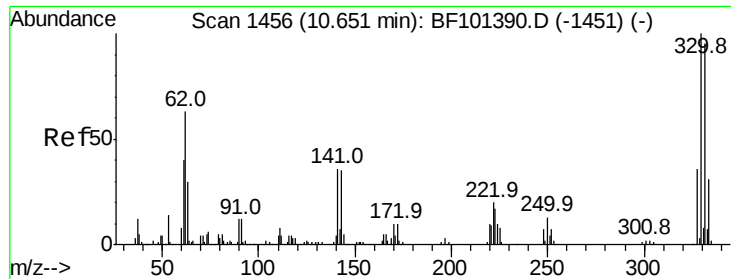
Delta R.T. -0.01 min

Lab File: BF101403.D

Acq: 14 Dec 2017 19:50

Tgt Ion:	164	Resp:	336011
Ion Ratio	Lower	Upper	
164	100		
162	101.4	86.1	129.1
160	45.4	38.3	57.5





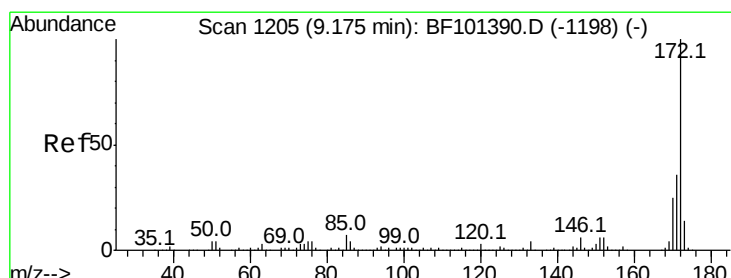
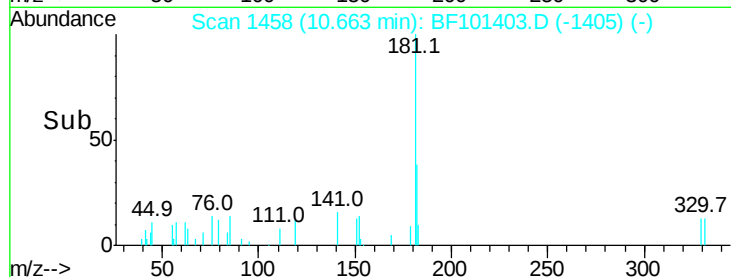
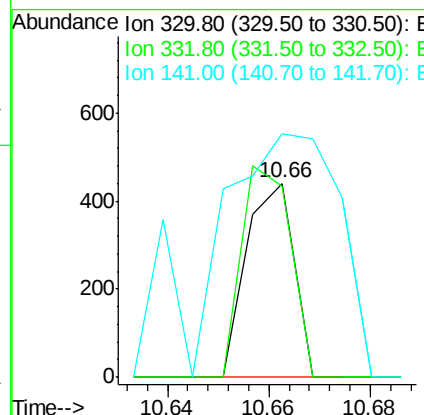
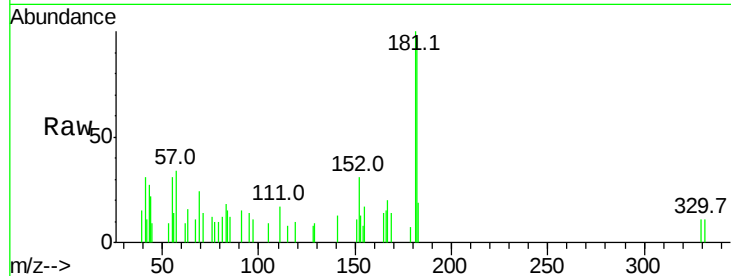
#41
 2,4,6-Tribromophenol
 Concen: 0.088 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: BF101403.D
 Acq: 14 Dec 2017 19:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-69-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	112.6	77.0	115.6
141	338.5	29.9	44.9#

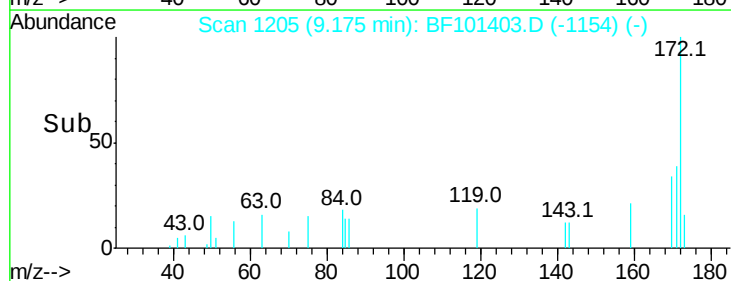
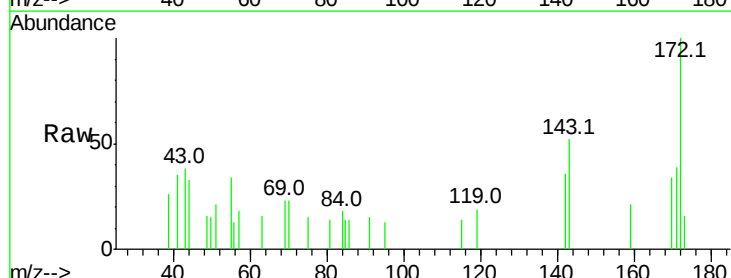
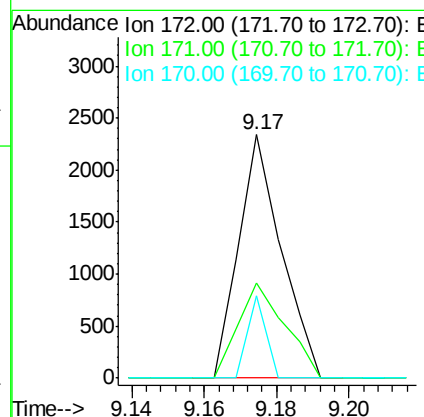
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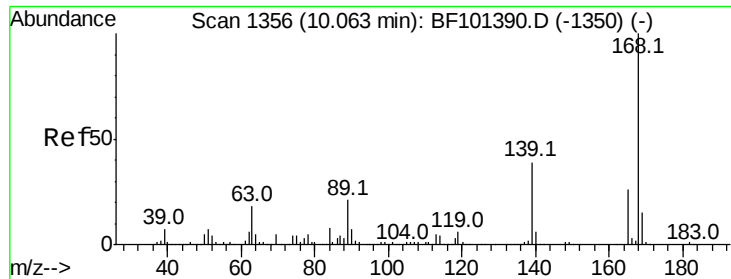
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#44
 2-Fluorobiphenyl
 Concen: 0.088 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF101403.D
 Acq: 14 Dec 2017 19:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	29.7	44.5
170	33.8	19.6	29.4#





#54

Dibenzenofuran

Concen: 2.417 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF101403.D

Acq: 14 Dec 2017 19:50

Instrument :

BNA_F

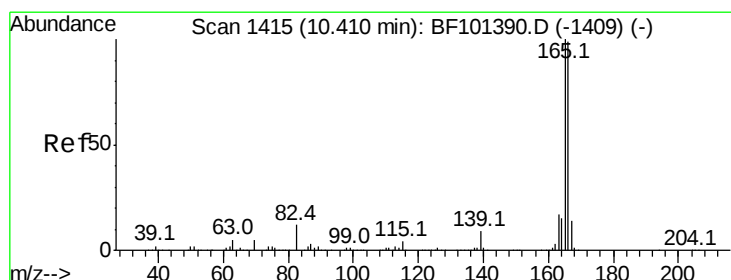
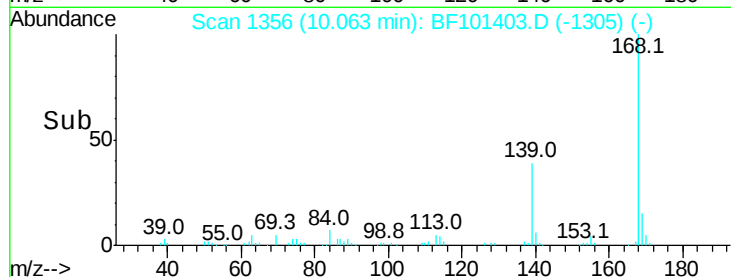
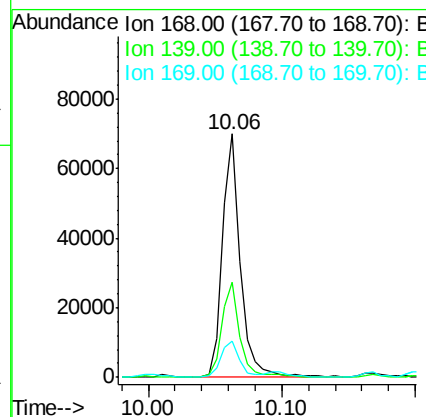
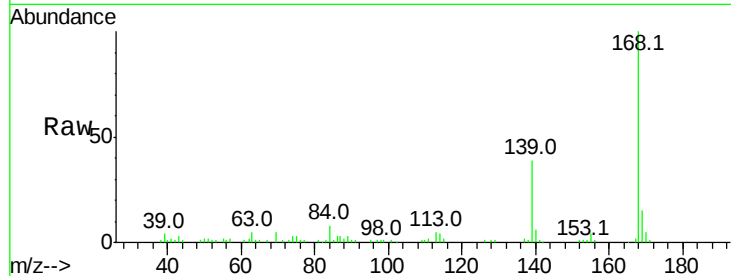
ClientSampleId :

WC-69-01

Tot Ion:	168	Resp:	66465
Ion Ratio	Lower	Upper	
168	100		
139	39.0	30.1	45.1
169	14.7	10.9	16.3

Manual Integrations
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#57

Fluorene

Concen: 5.614 ng

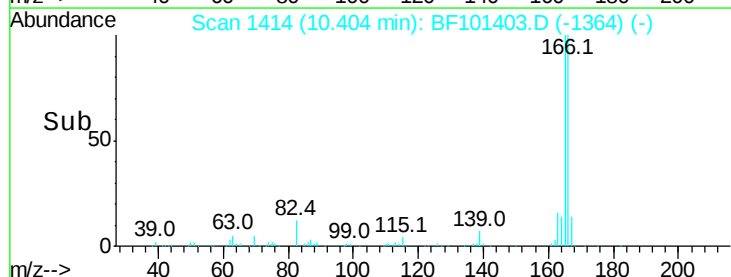
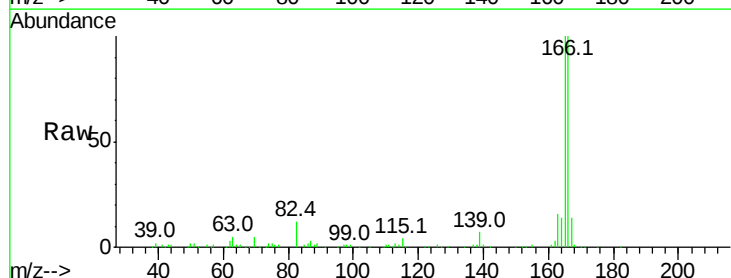
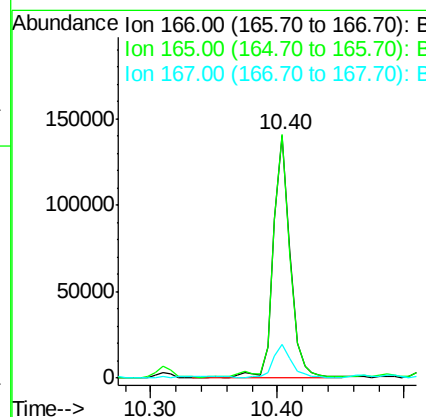
RT: 10.40 min Scan# 1414

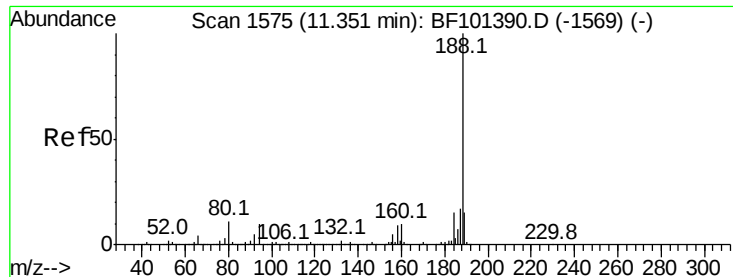
Delta R.T. -0.01 min

Lab File: BF101403.D

Acq: 14 Dec 2017 19:50

Tgt Ion:	166	Resp:	130590
Ion Ratio	Lower	Upper	
166	100		
165	100.3	79.8	119.8
167	14.0	10.6	16.0





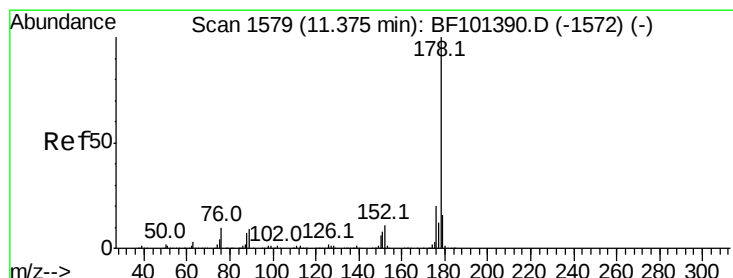
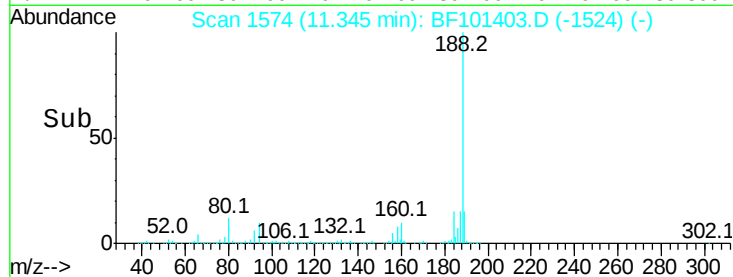
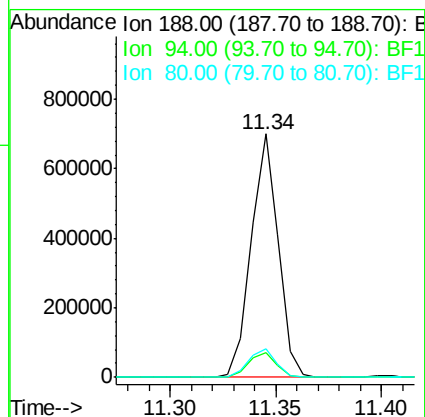
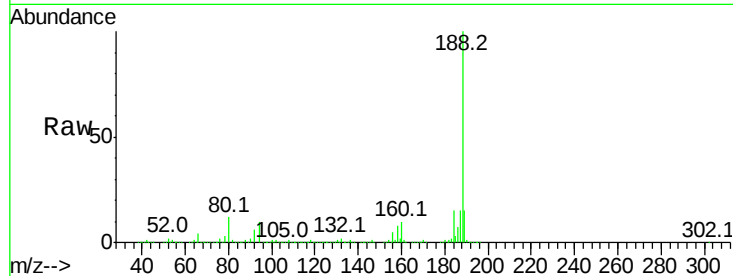
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101403.D
Acq: 14 Dec 2017 19:50

Instrument :
BNA_F
ClientSampleId :
WC-69-01

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.3	8.5	12.7
80	11.8	9.2	13.8

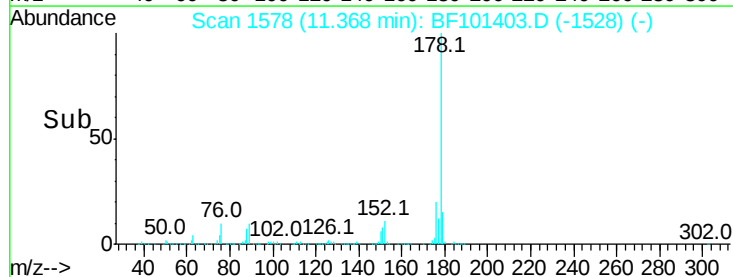
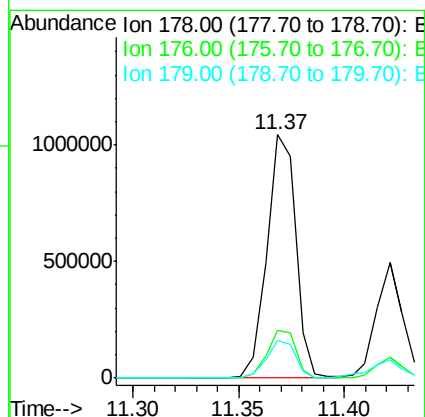
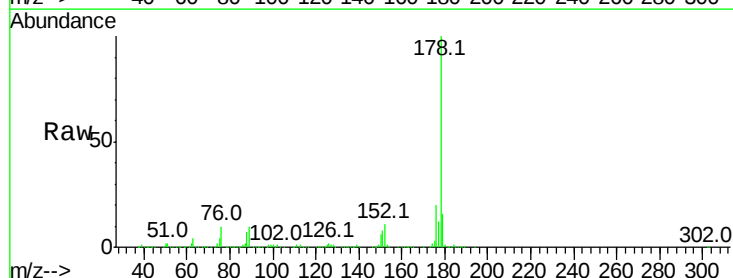
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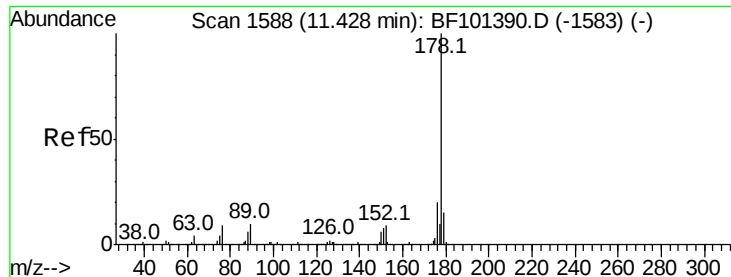
Sohil
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#70
Phenanthrene
Concen: 28.596 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101403.D
Acq: 14 Dec 2017 19:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.9	15.8	23.8
179	15.5	13.0	19.6





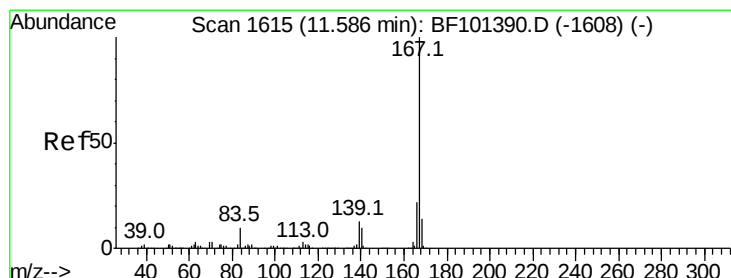
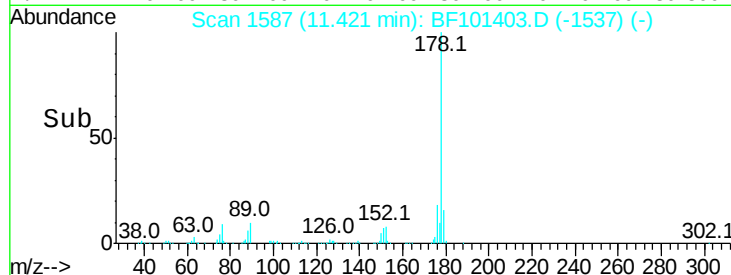
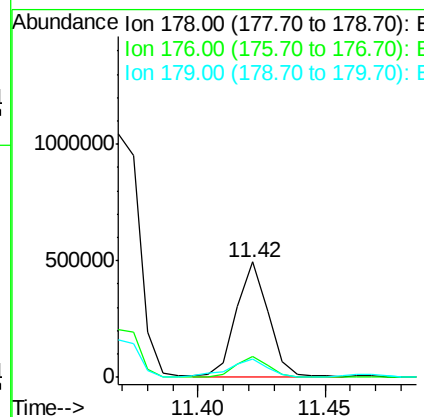
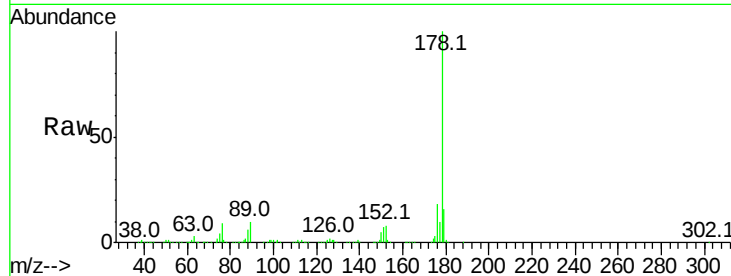
#71
 Anthracene
 Concen: 12.100 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF101403.D
 Acq: 14 Dec 2017 19:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-69-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	16.0	12.6	19.0

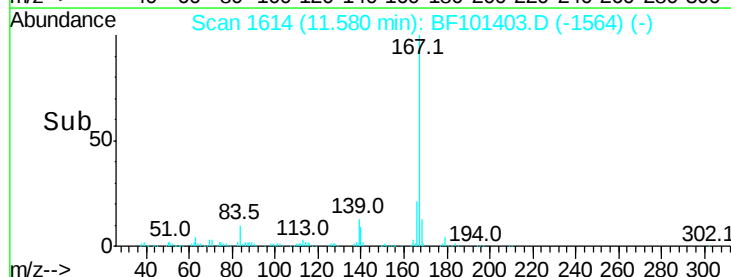
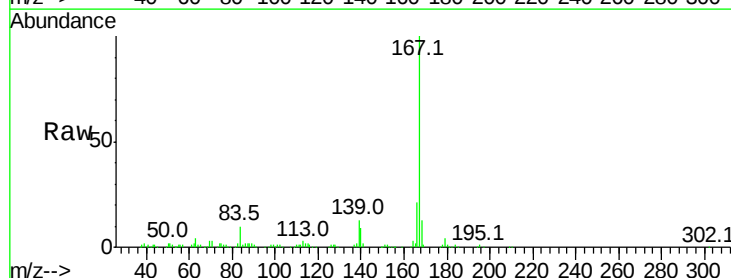
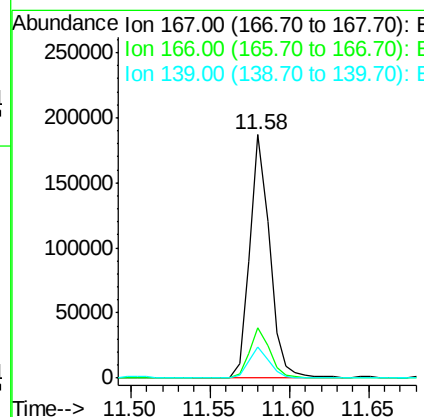
Manual Integrations
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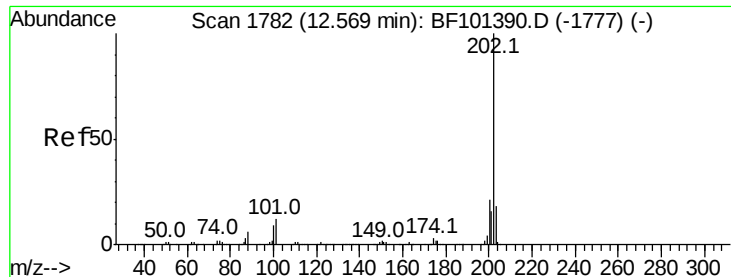
Sohil
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#72
 Carbazole
 Concen: 4.934 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BF101403.D
 Acq: 14 Dec 2017 19:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.6	26.4
139	12.6	10.9	16.3





#74

Fluoranthene

Concen: 24.019 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF101403.D

Acq: 14 Dec 2017 19:50

Instrument :

BNA_F

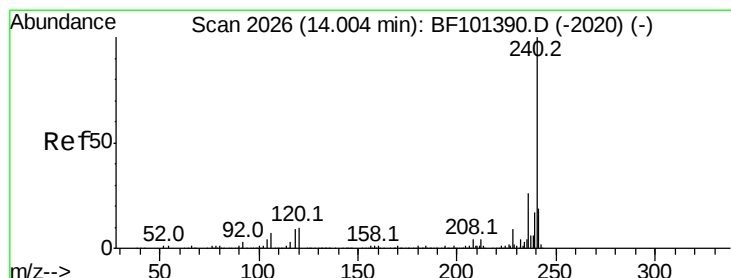
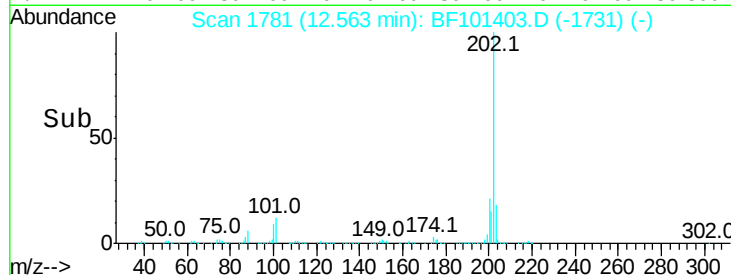
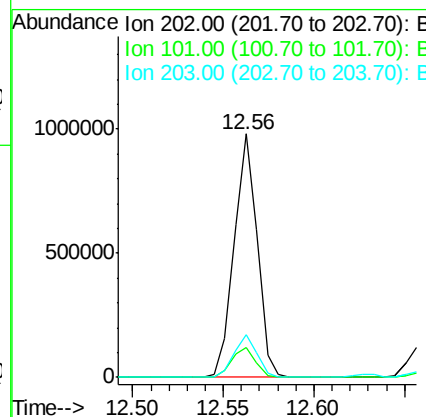
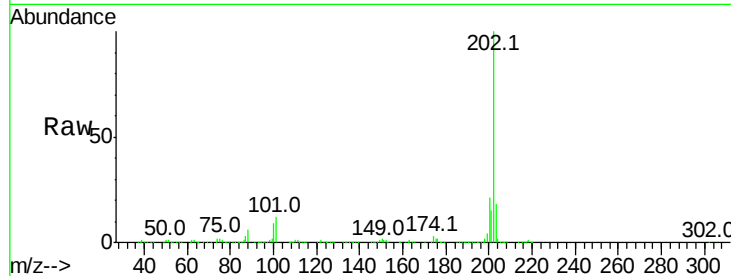
ClientSampled :

WC-69-01

Tot Ion:	202	Resp:	875170
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	34.1
203	17.8	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

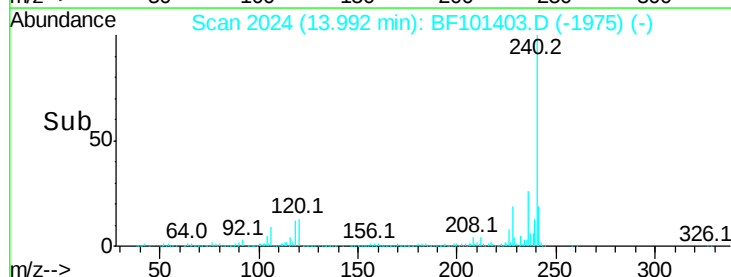
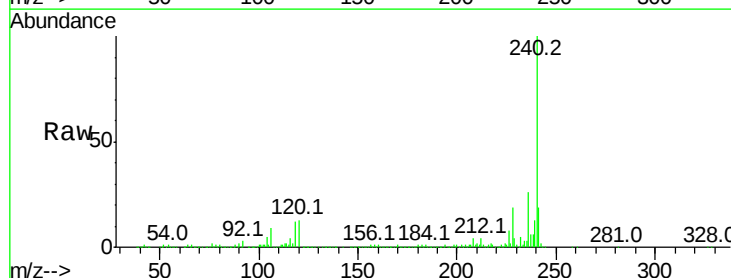
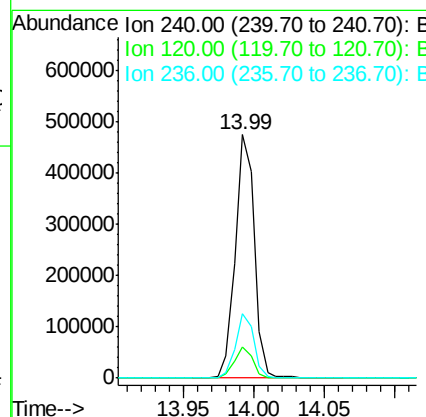
RT: 13.99 min Scan# 2024

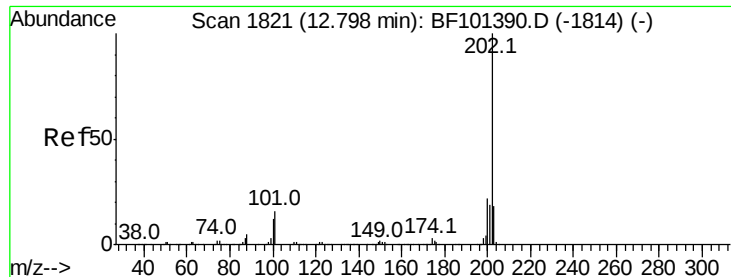
Delta R.T. -0.01 min

Lab File: BF101403.D

Acq: 14 Dec 2017 19:50

Tgt Ion:	240	Resp:	446460
Ion Ratio	Lower	Upper	
240	100		
120	12.9	9.5	14.3
236	26.5	20.7	31.1





#77

Pvrene

Concen: 19.423 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF101403.D

Acq: 14 Dec 2017 19:50

Instrument :

BNA_F

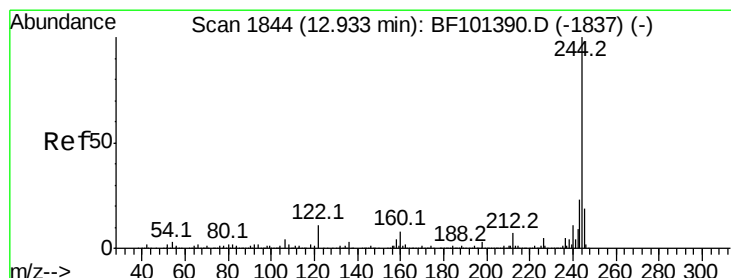
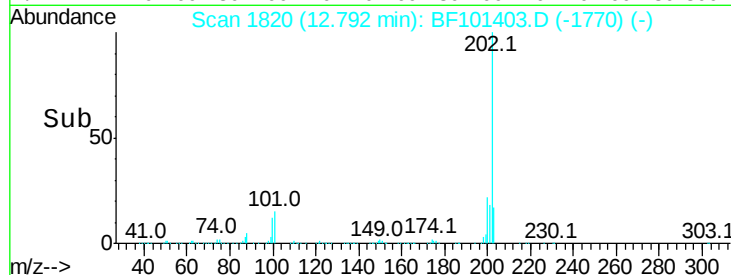
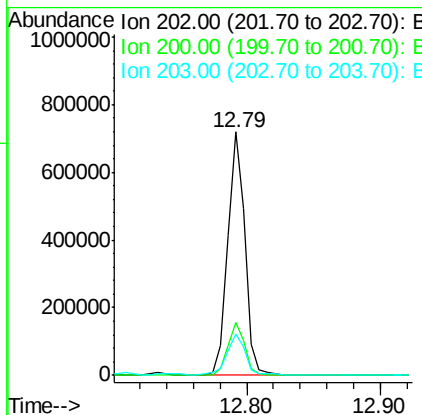
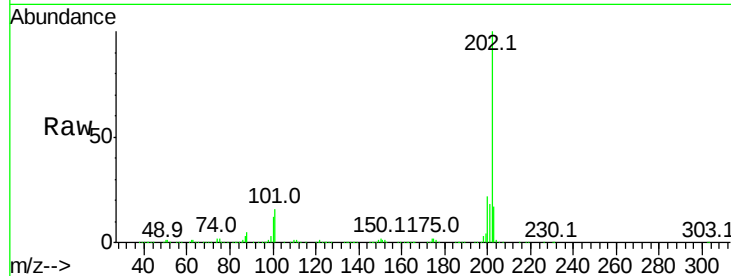
ClientSampleId :

WC-69-01

Tot Ion:	202	Resp:	650790
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	17.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 0.196 ng

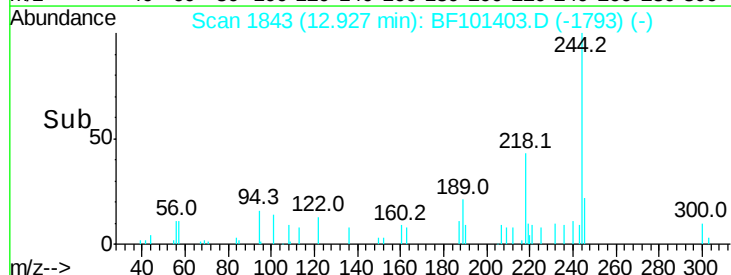
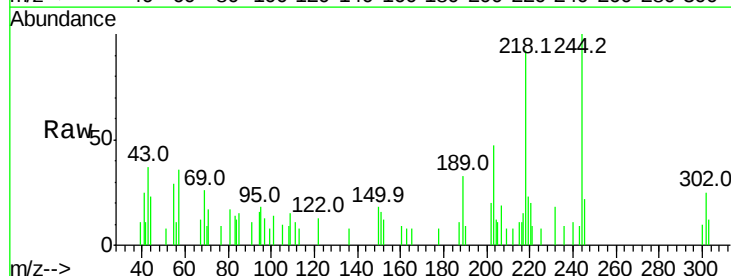
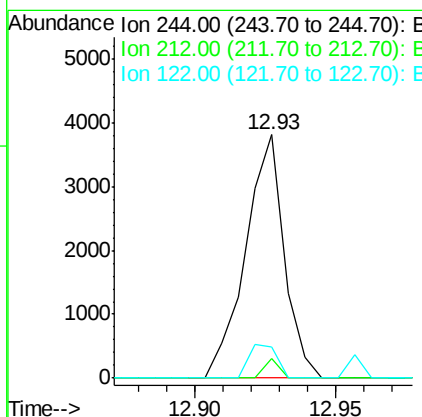
RT: 12.93 min Scan# 1843

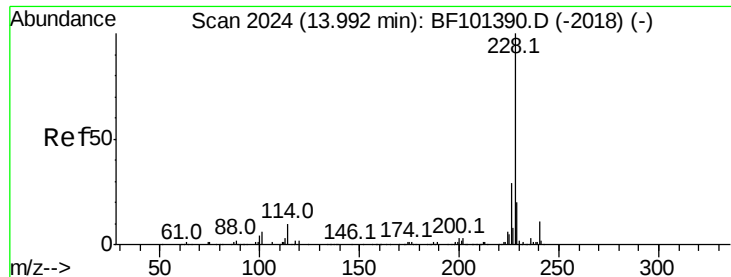
Delta R.T. -0.01 min

Lab File: BF101403.D

Acq: 14 Dec 2017 19:50

Tgt Ion:	244	Resp:	3623
Ion Ratio	Lower	Upper	
244	100		
212	8.1	5.4	8.0#
122	12.9	11.0	16.4





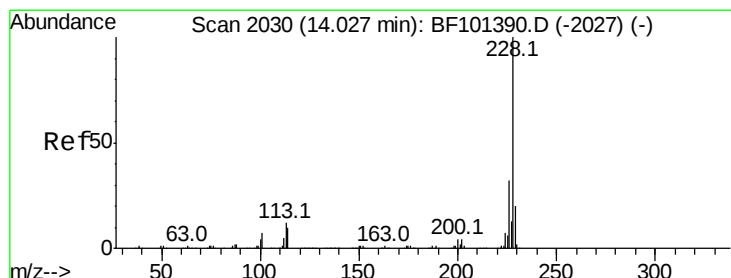
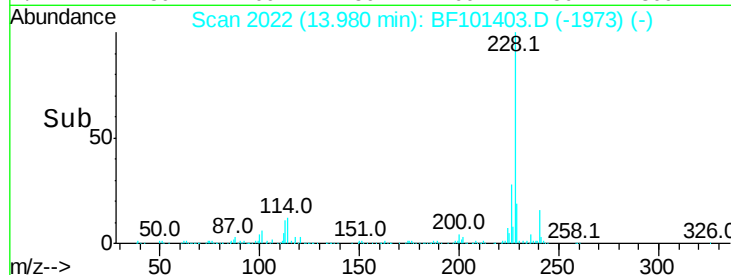
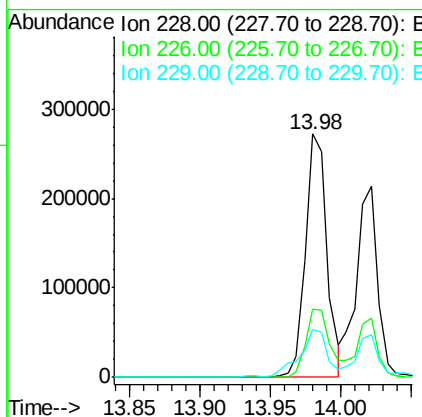
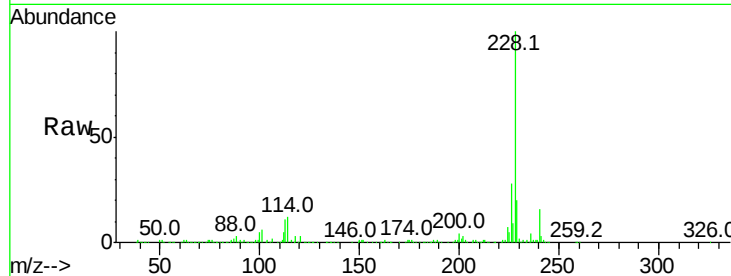
#80
Benzo(a)anthracene
Concen: 9.754 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF101403.D
Acq: 14 Dec 2017 19:50

Instrument :
BNA_F
ClientSampleId :
WC-69-01

Tot Ion	Ratio	Resp	Lower	Upper
228	100	287554		
226	27.8		22.6	33.8
229	19.8		15.8	23.6

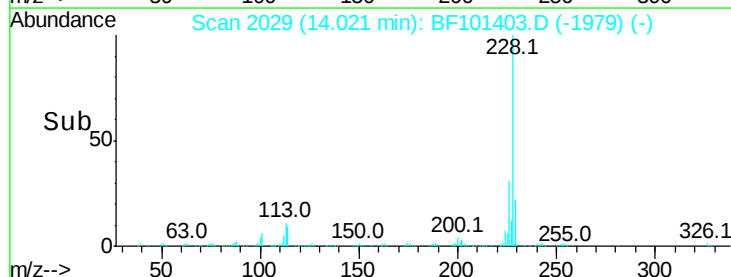
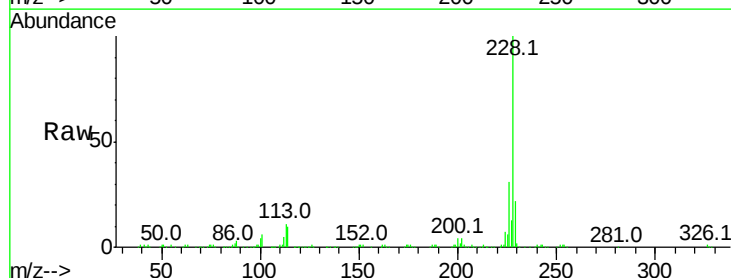
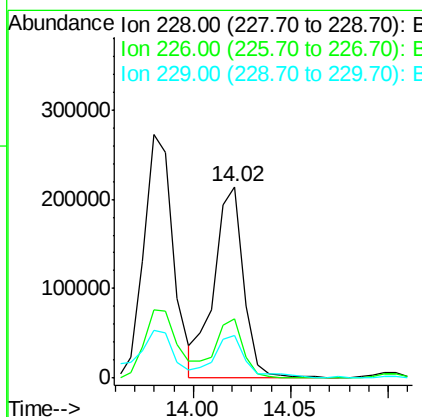
Manual Integrations
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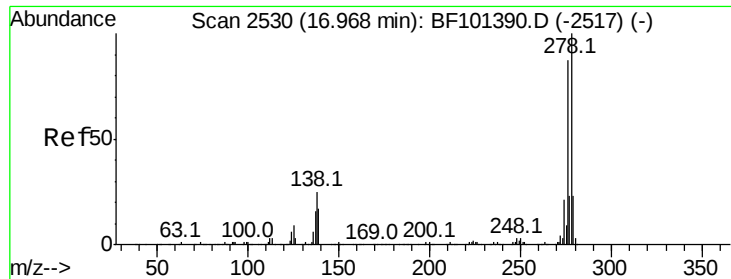
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#82
Chrysene
Concen: 8.035 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101403.D
Acq: 14 Dec 2017 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	223659		
226	31.1		25.0	37.6
229	22.4		16.2	24.4





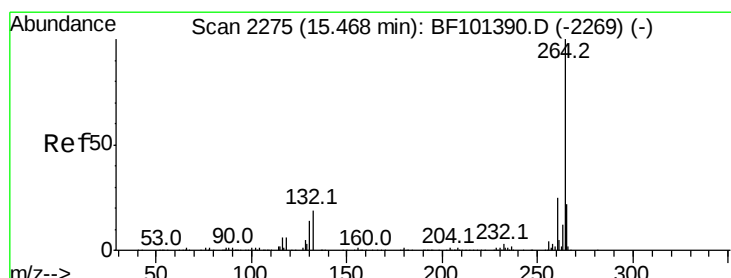
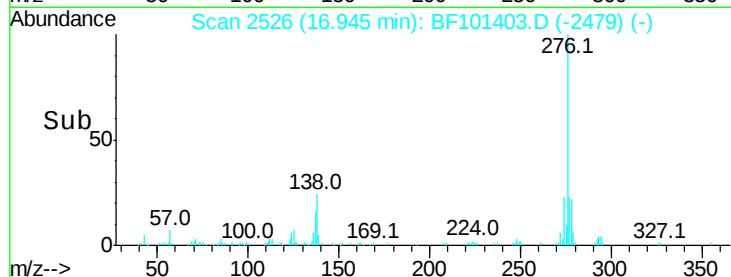
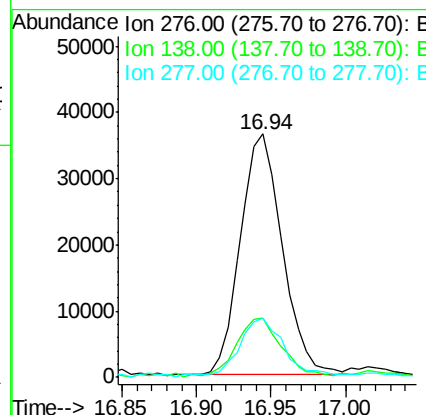
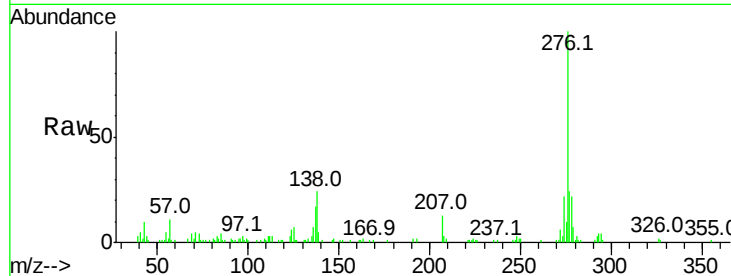
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.881 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF101403.D
Acq: 14 Dec 2017 19:50

Instrument :
BNA_F
ClientSampleId :
WC-69-01

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.0	37.6
277	26.8	20.1	30.1

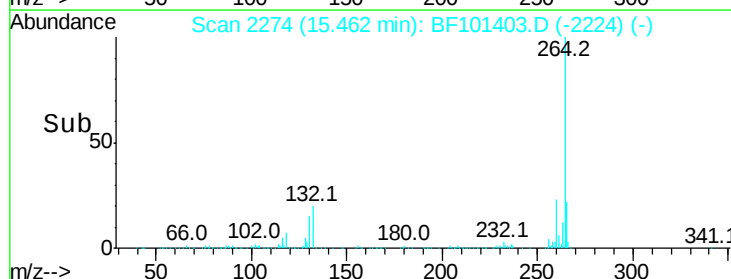
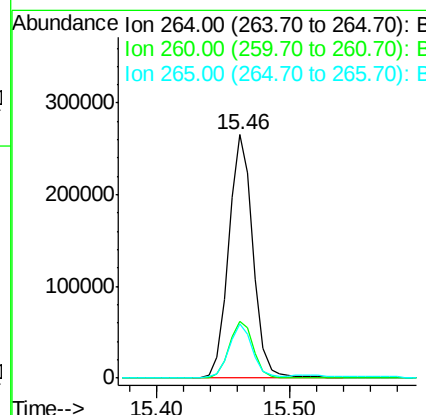
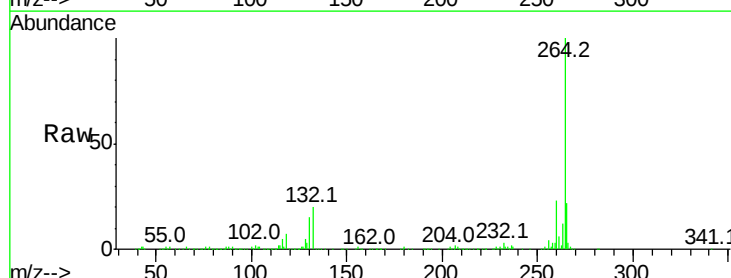
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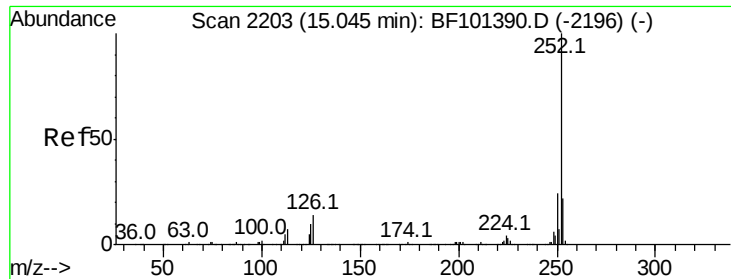
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF101403.D
Acq: 14 Dec 2017 19:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.2	17.5	26.3





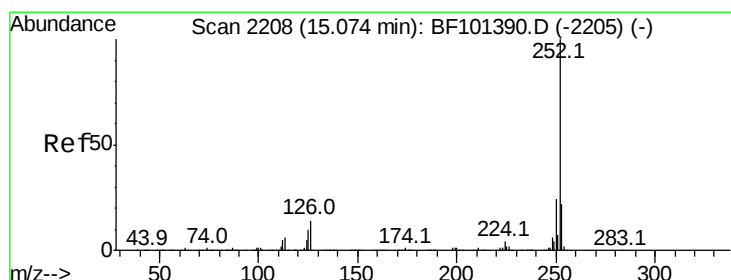
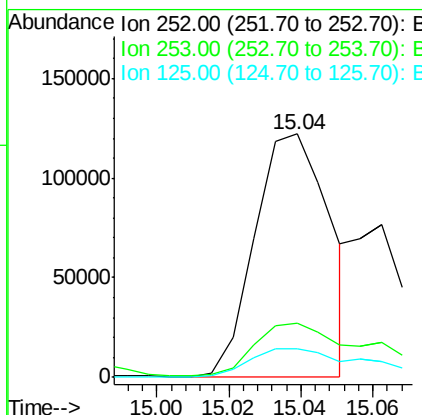
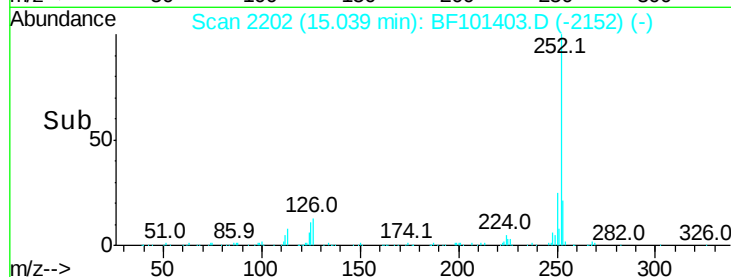
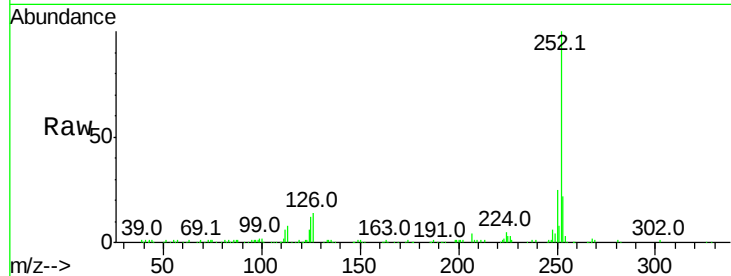
#87
Benzo(b)fluoranthene
Concen: 8.406 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF101403.D
Acq: 14 Dec 2017 19:50

Instrument :
BNA_F
ClientSampleId :
WC-69-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.5	9.0	13.6

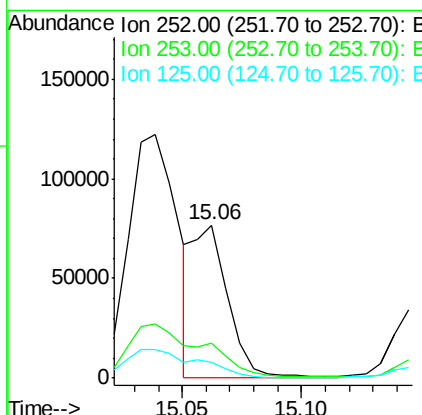
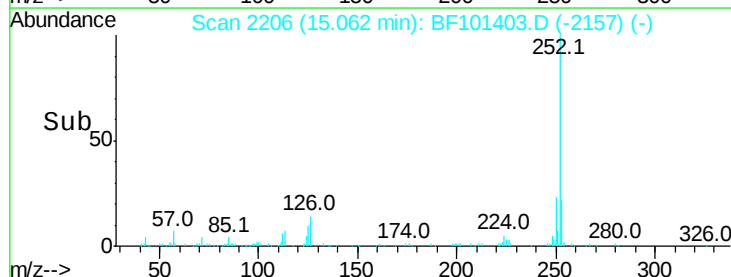
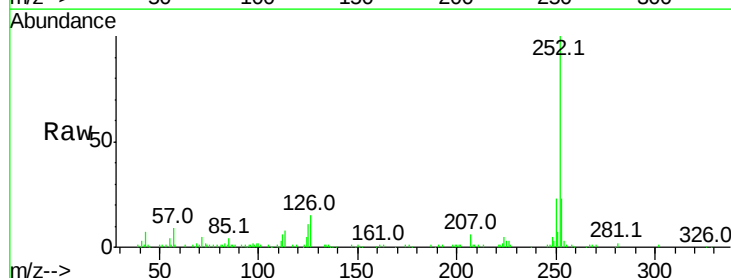
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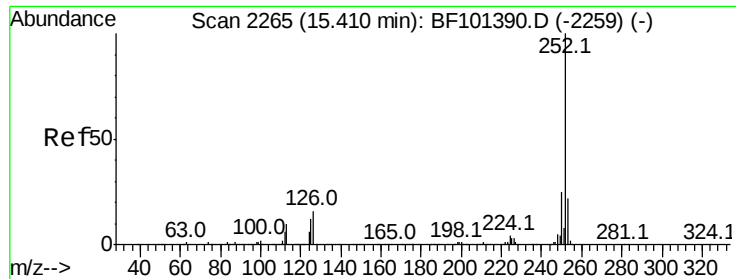
Sohil
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#88
Benzo(k)fluoranthene
Concen: 3.836 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF101403.D
Acq: 14 Dec 2017 19:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	10.7	10.2	15.2





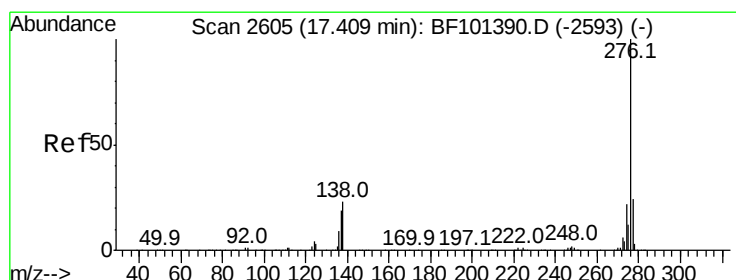
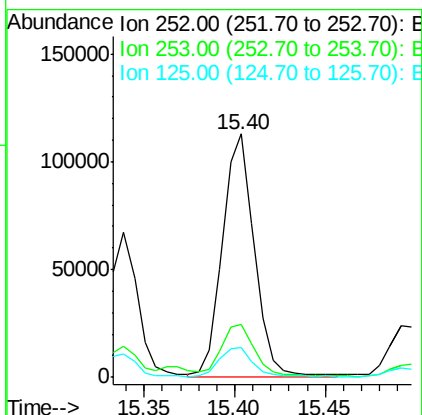
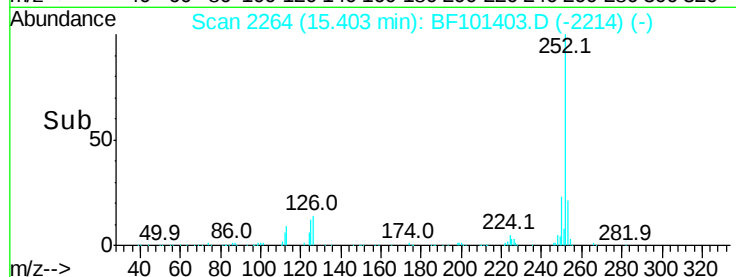
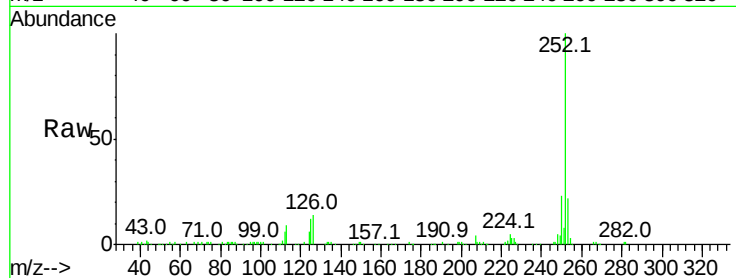
#89
Benzo(a)pyrene
Concen: 7.188 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF101403.D
Acq: 14 Dec 2017 19:50

Instrument :
BNA_F
ClientSampled :
WC-69-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	12.5	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.847 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.02 min
Lab File: BF101403.D
Acq: 14 Dec 2017 19:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	24.8	21.8	32.8

