

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101436.D
 Acq On : 15 Dec 2017 11:05
 Operator : SJ/JU
 Sample : I6847-01DL 500X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-646507-01DL

Manual Integrations
 APPROVED

Sohil
 12/15/2017 6:45:35 PM

Quant Time: Dec 15 12:34:27 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	176714	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	685151	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	307298	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	532782	20.00	ng	0.00
75) Chrysene-d12	13.99	240	340949	20.00	ng	-0.01
86) Perylene-d12	15.46	264	326386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.18	172	324	0.02	ng	0.00
78) Terphenyl-d14	12.93	244	683	0.05	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	2891843	83.838	ng	98
37) 2-Methylnaphthalene	8.82	142	101083	4.498	ng	100
54) Dibenzofuran	10.07	168	51102	2.032	ng	96
70) Phenanthrene	11.37	178	170798	5.765	ng	97
74) Fluoranthene	12.56	202	103926	3.342	ng	97
77) Pyrene	12.80	202	72311	2.826	ng	98

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

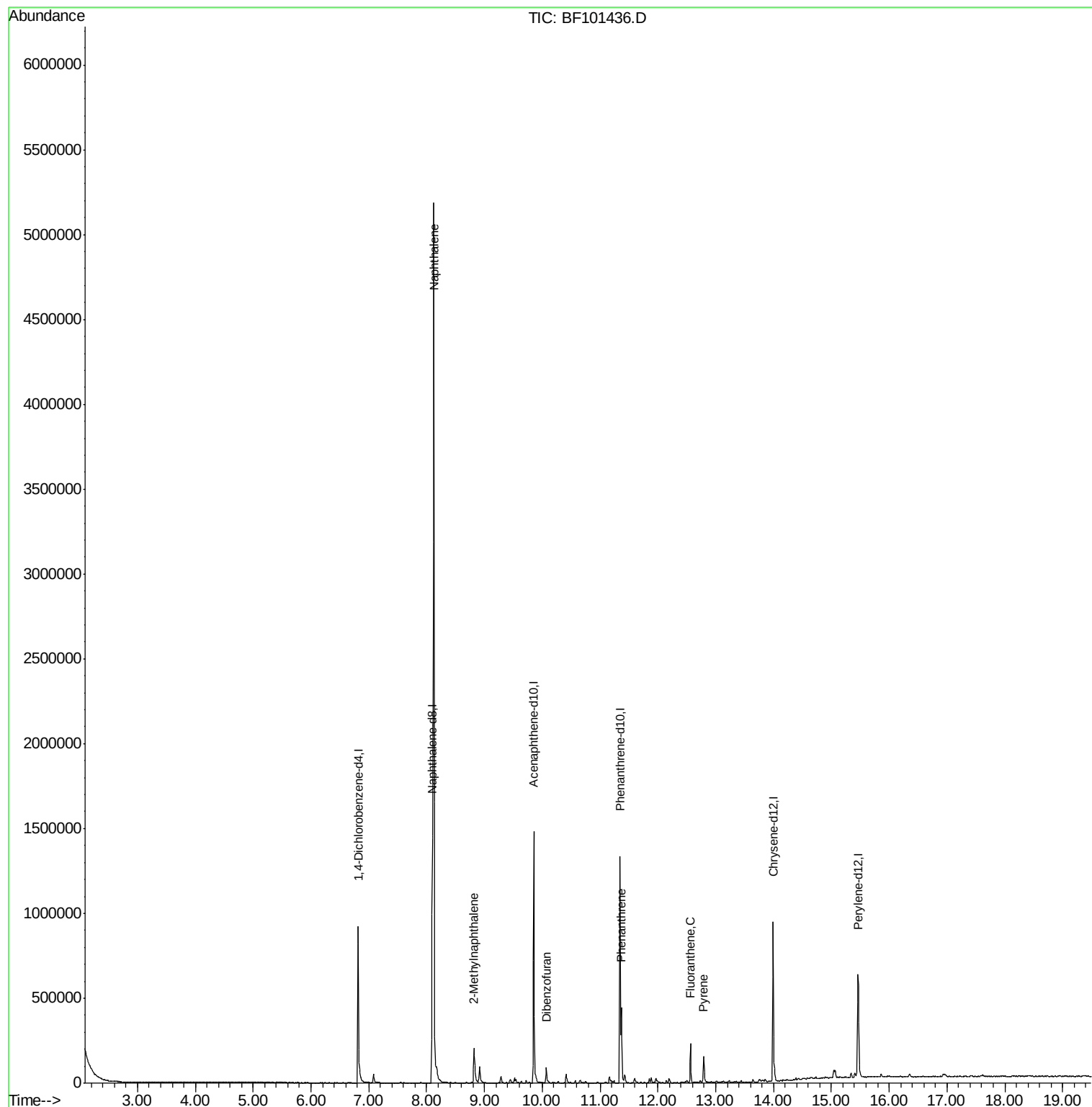
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101436.D
Acq On : 15 Dec 2017 11:05
Operator : SJ/JU
Sample : I6847-01DL 500X
Misc :
ALS Vial : 39 Sample Multiplier: 1

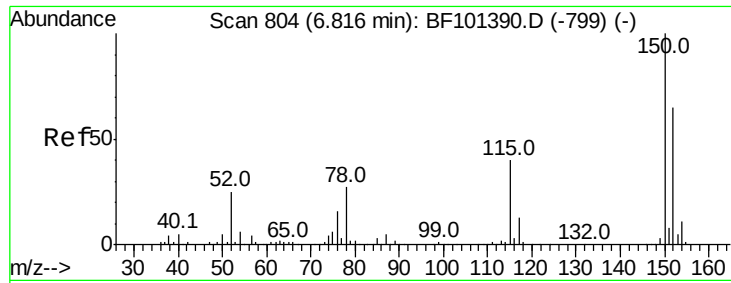
Instrument :
BNA_F
ClientSampleId :
WC-646507-01DL

Manual Integrations
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Quant Time: Dec 15 12:34:27 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





#1

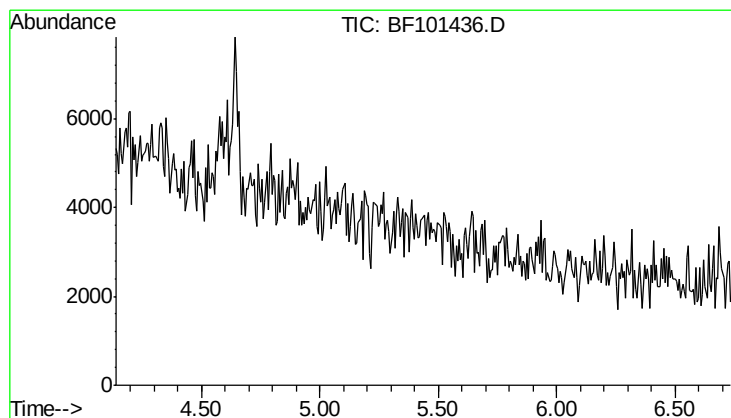
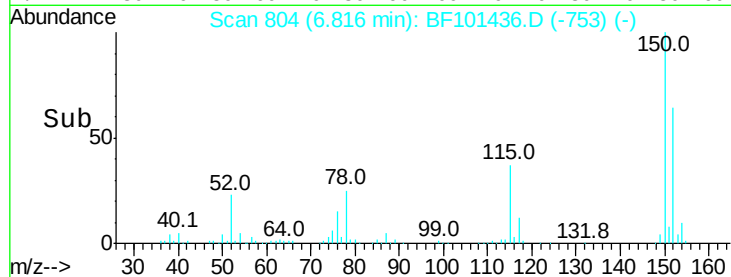
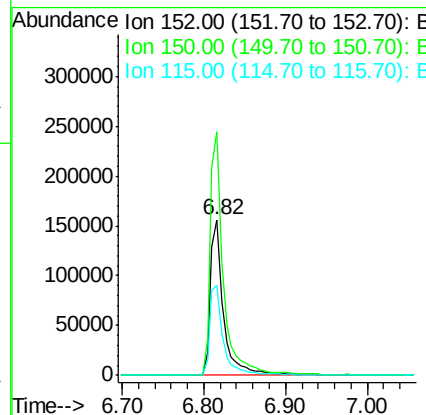
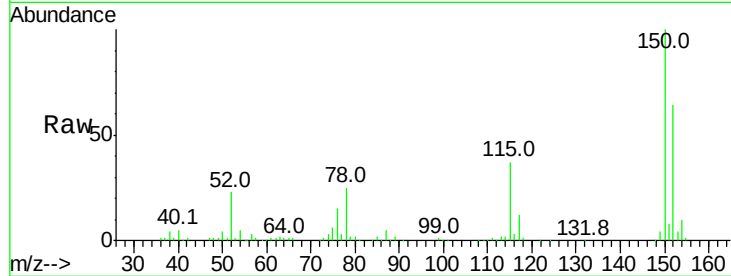
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101436.D
Acq: 15 Dec 2017 11:05

Instrument :
BNA_F
ClientSampleId :
WC-646507-01DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	58.2	50.1	75.1

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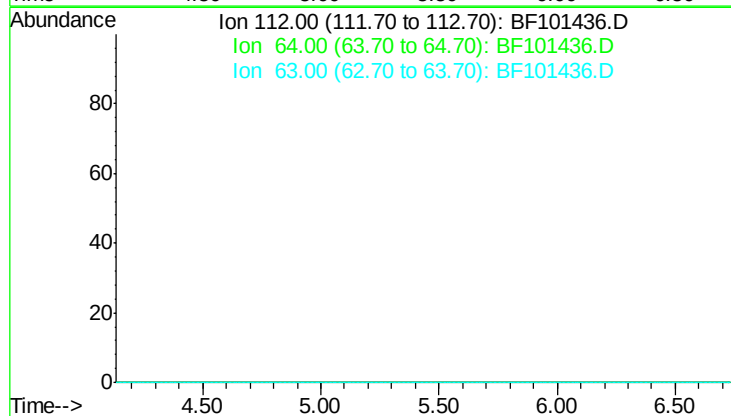


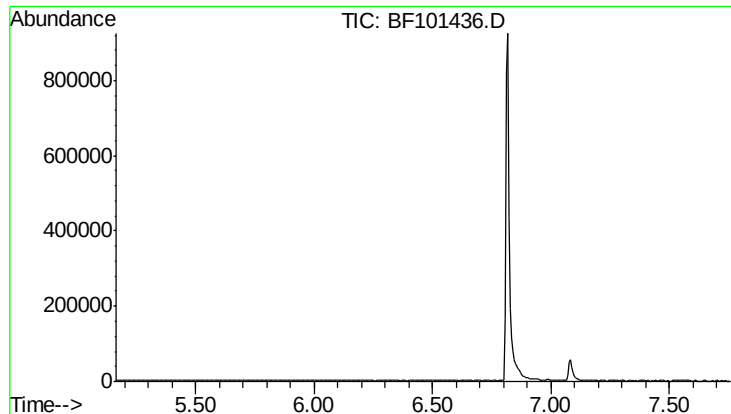
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.43 min

Lab File: BF101436.D
Acq: 15 Dec 2017 11:05

Tgt Ion	Exp Ratio
112	100
64	59.9
63	29.6





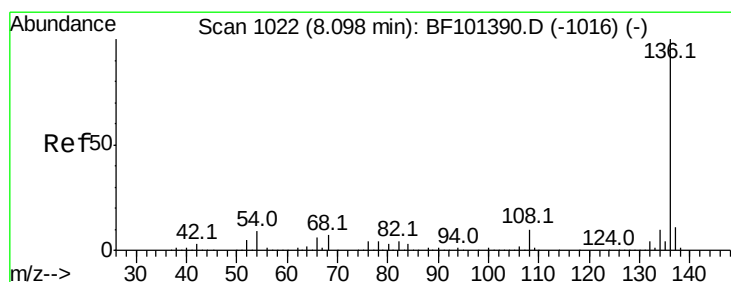
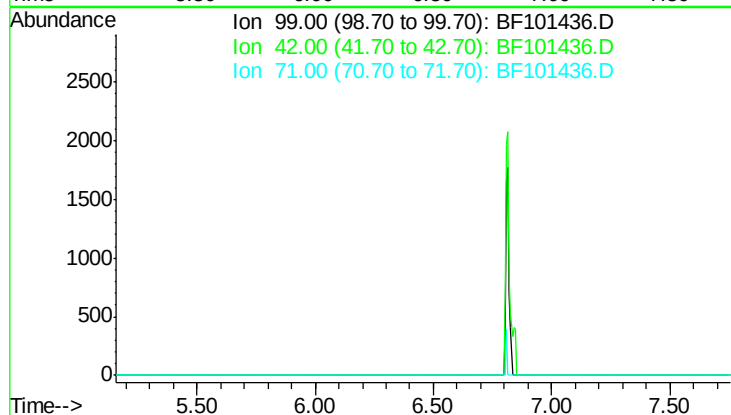
#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.46 min
 Lab File: BF101436.D
 Acq: 15 Dec 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :
 WC-646507-01DL

Tot Ion	99
Sig	Exp Ratio
99	100
42	18.1
71	31.7

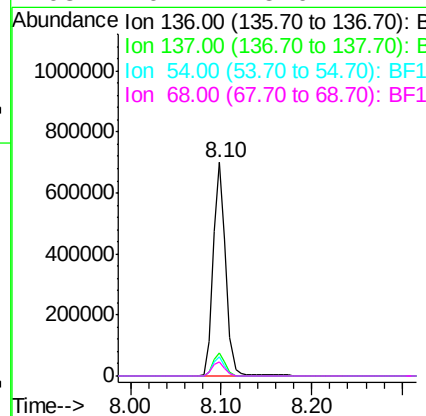
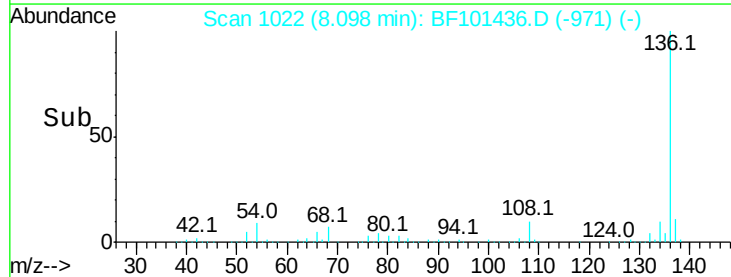
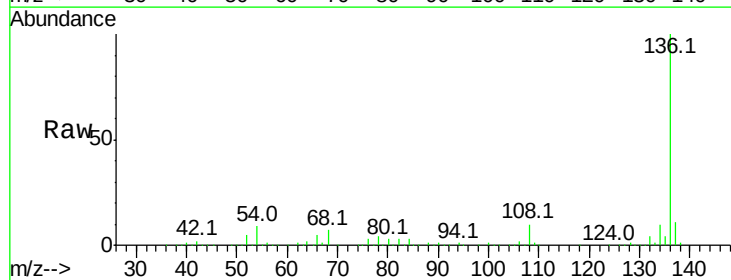
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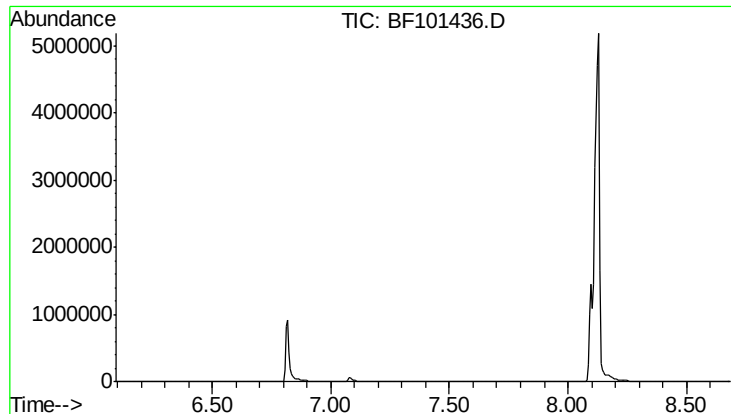
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#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF101436.D
 Acq: 15 Dec 2017 11:05

Tgt Ion	136	Resp	685151
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	9.1	6.6	9.8
68	6.7	5.0	7.4





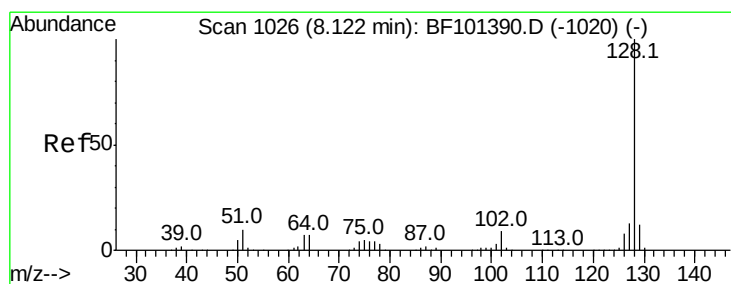
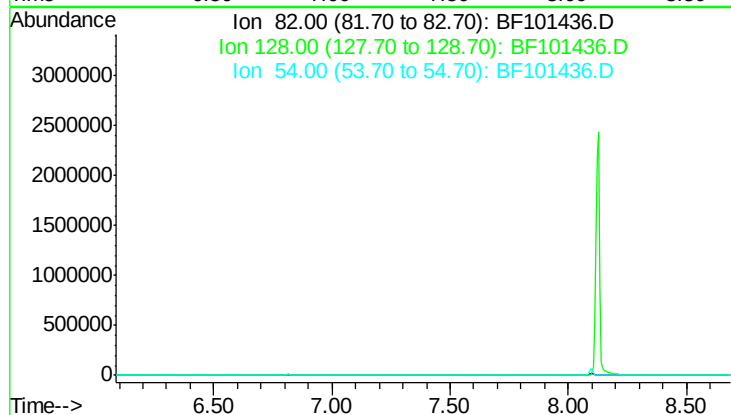
#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.39 min
 Lab File: BF101436.D
 Acq: 15 Dec 2017 11:05

Instrument :
 BNA_F
 ClientSampleId :
 WC-646507-01DL

Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 45.1
 54 51.8

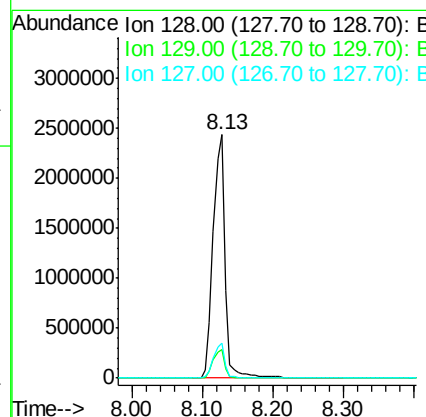
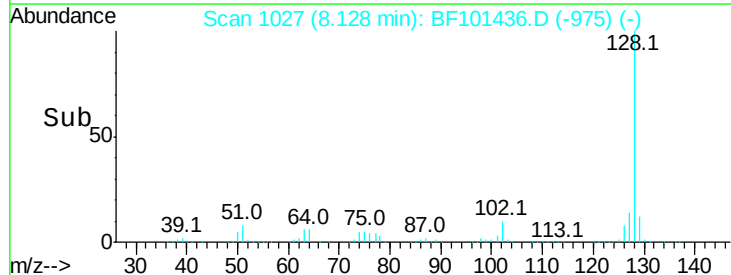
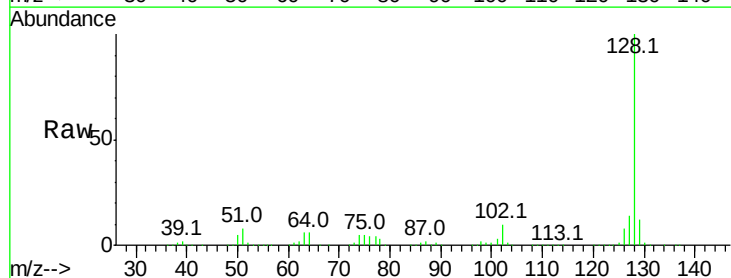
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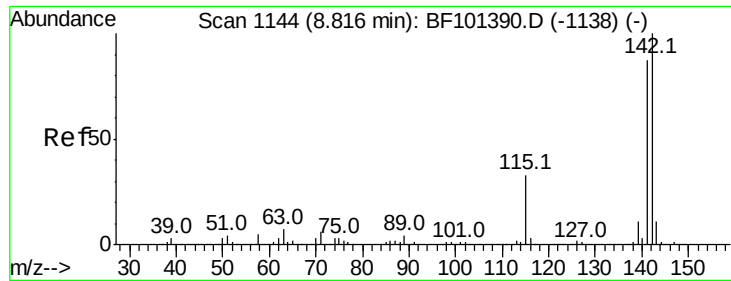
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#31
 Naphthalene
 Concen: 83.838 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BF101436.D
 Acq: 15 Dec 2017 11:05

Tgt Ion:128 Resp: 2891843
 Ion Ratio Lower Upper
 128 100
 129 11.6 8.8 13.2
 127 14.2 10.9 16.3





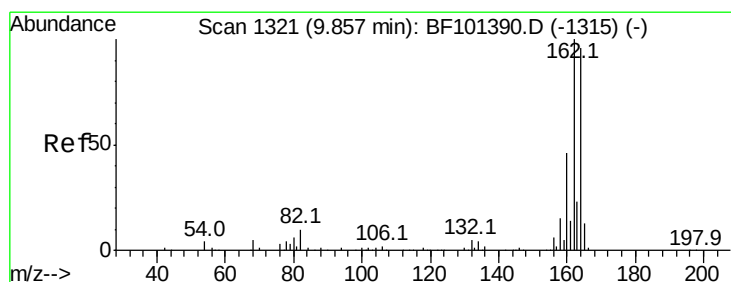
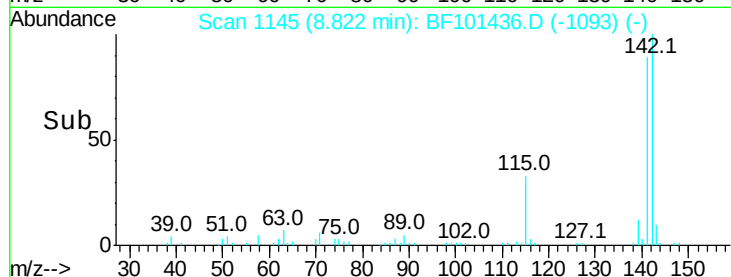
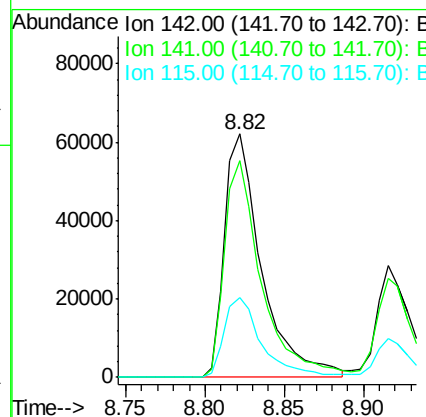
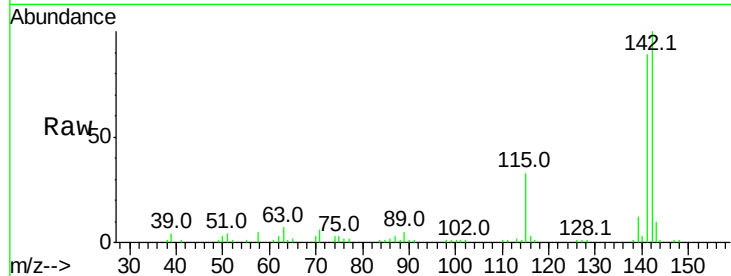
#37
2-Methylnaphthalene
Concen: 4.498 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BF101436.D
Acq: 15 Dec 2017 11:05

Instrument :
BNA_F
ClientSampleId :
WC-646507-01DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	32.5	26.1	39.1

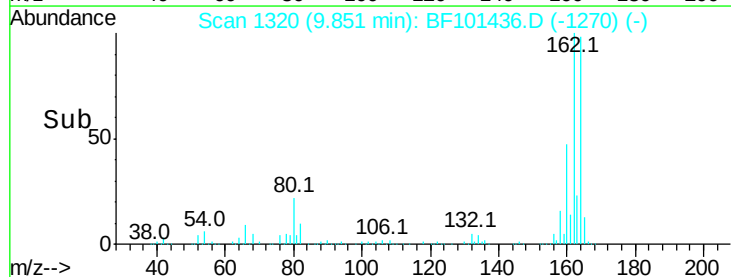
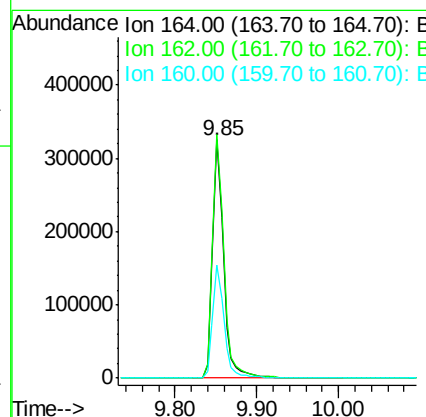
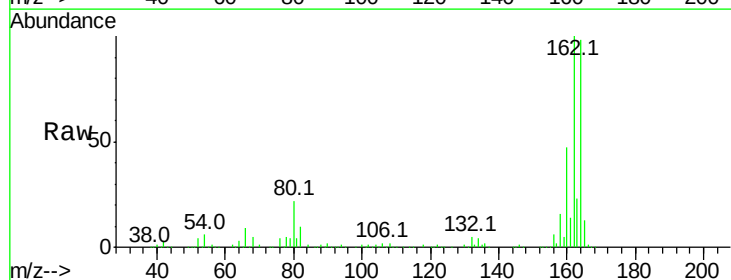
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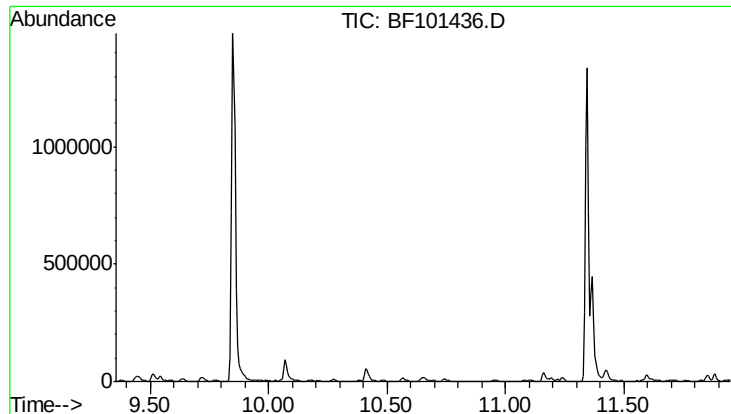
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101436.D
Acq: 15 Dec 2017 11:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	47.7	38.3	57.5





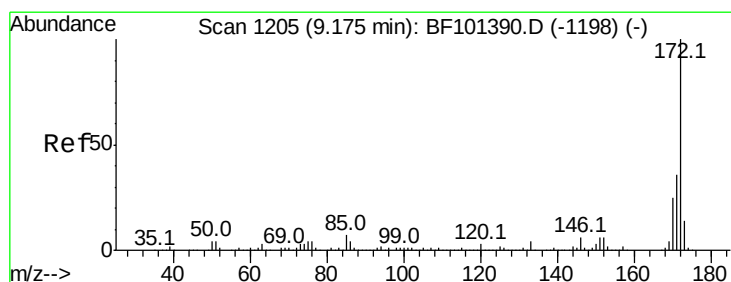
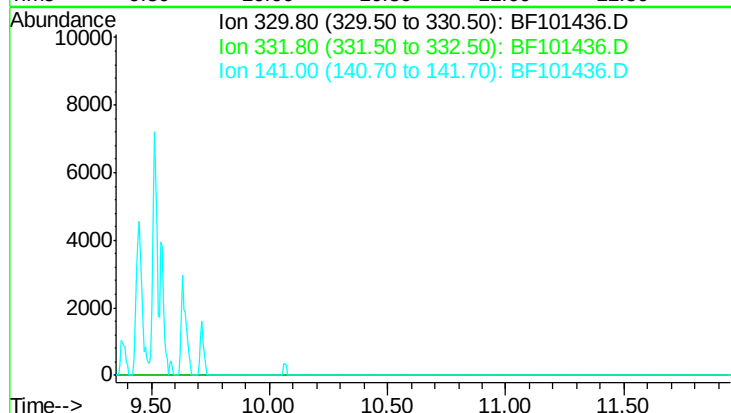
#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.65 min
 Lab File: BF101436.D
 Acq: 15 Dec 2017 11:05

Tot Ion	Exp Ratio
330	100
332	96.3
141	37.4

Instrument :
 BNA_F
 ClientSampleId :
 WC-646507-01DL

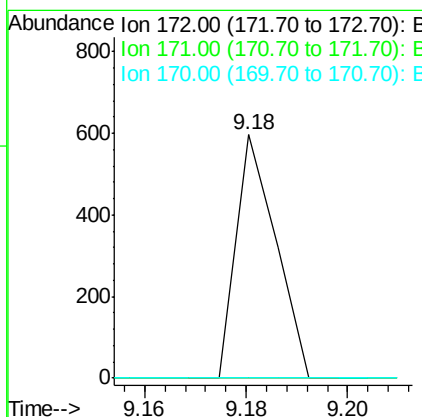
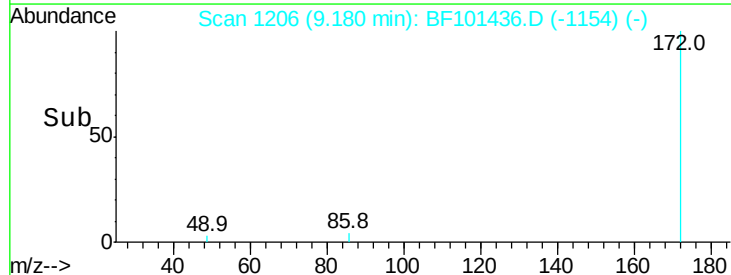
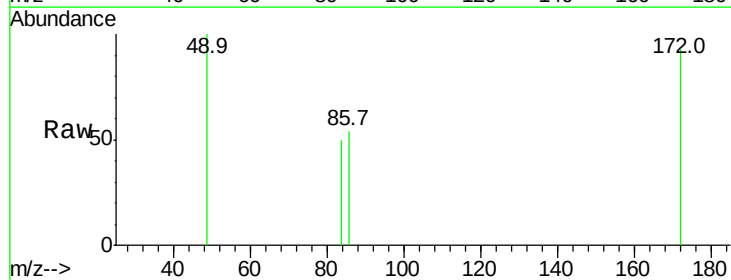
Manual Integrations
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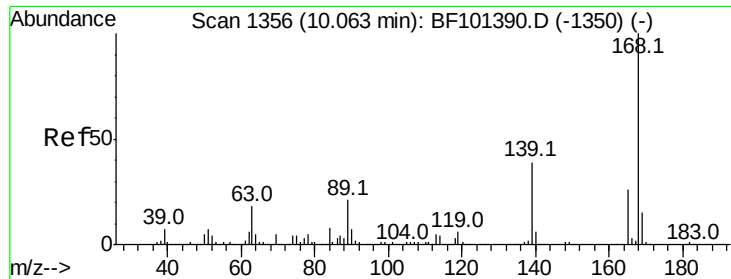
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 12/15/2017 6:45:35 PM



#44
 2-Fluorobiphenyl
 Concen: 0.016 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF101436.D
 Acq: 15 Dec 2017 11:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	0.0	29.7	44.5#
170	0.0	19.6	29.4#





#54

Dibenzofuran

Concen: 2.032 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF101436.D

Acq: 15 Dec 2017 11:05

Instrument :

BNA_F

ClientSampleId :

WC-646507-01DL

Tot Ion:168 Resp: 51102

Ion Ratio Lower Upper

168 100

139 34.9 30.1 45.1

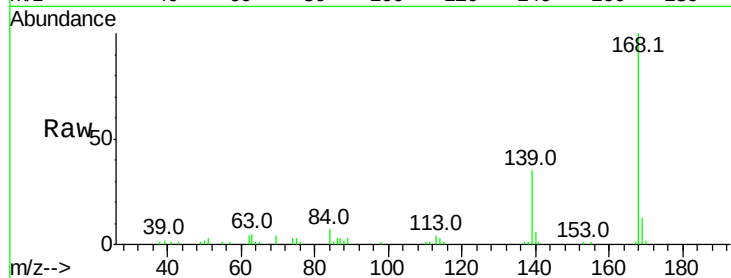
169 13.0 10.9 16.3

Manual Integrations

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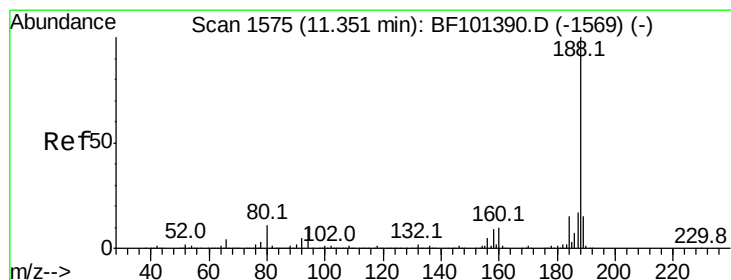
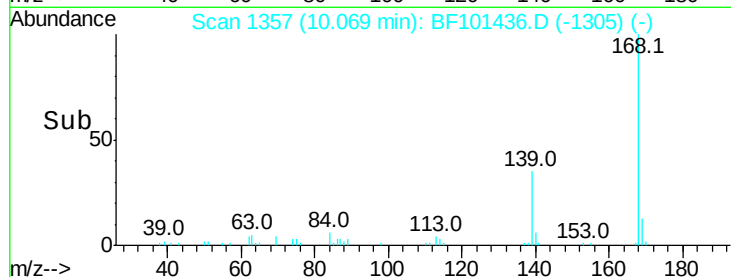
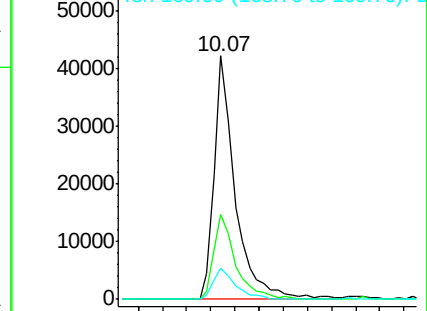
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF101436.D

Acq: 15 Dec 2017 11:05

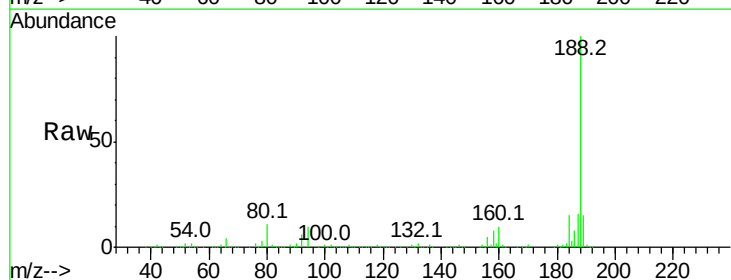
Tgt Ion:188 Resp: 532782

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

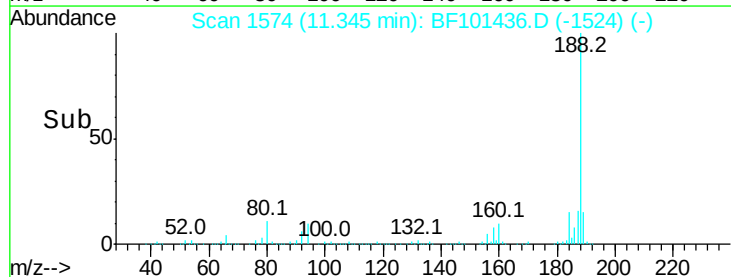
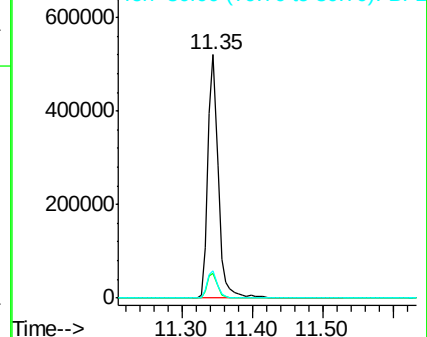
80 11.0 9.2 13.8

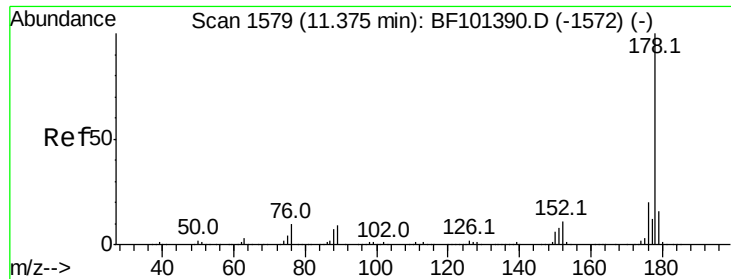


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





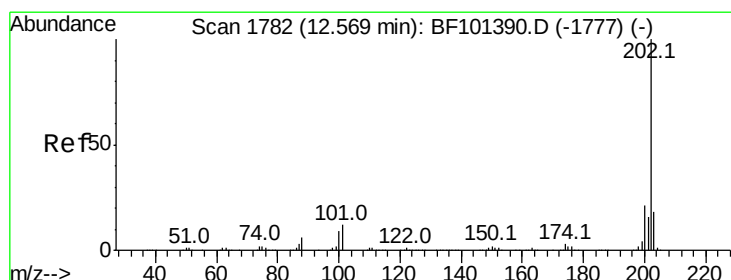
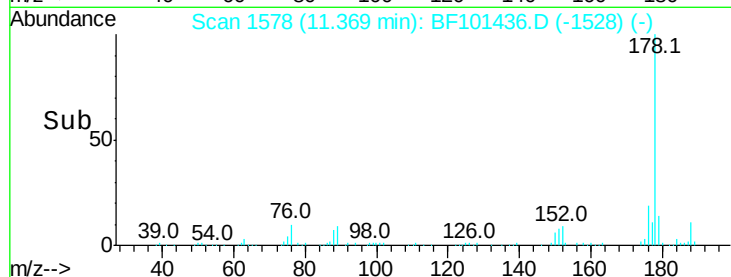
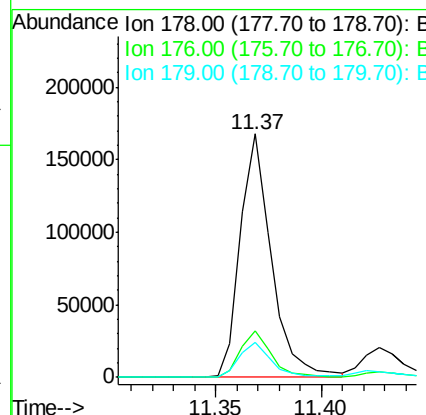
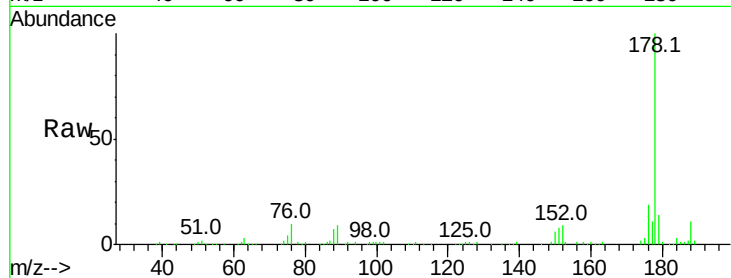
#70
Phenanthrene
Concen: 5.765 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101436.D
Acq: 15 Dec 2017 11:05

Instrument :
BNA_F
ClientSampleId :
WC-646507-01DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	14.5	13.0	19.6

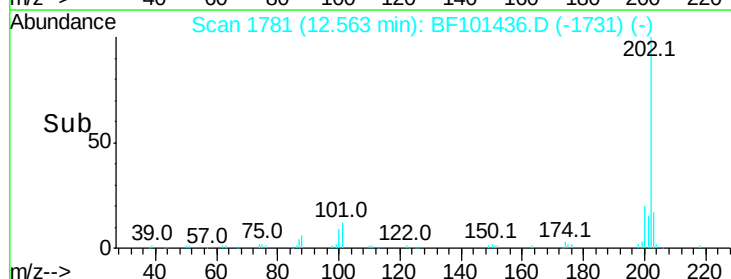
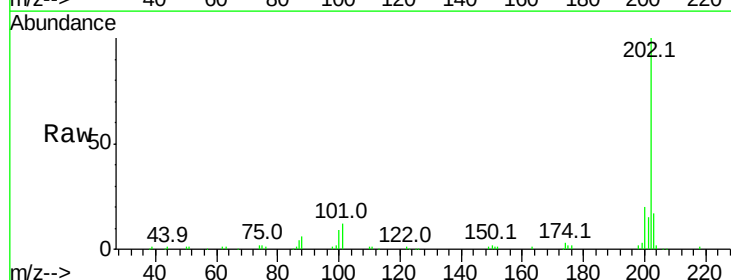
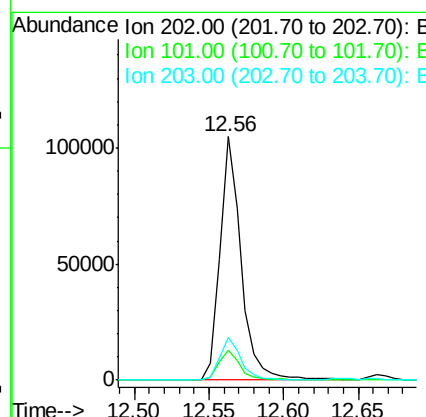
Manual Integrations
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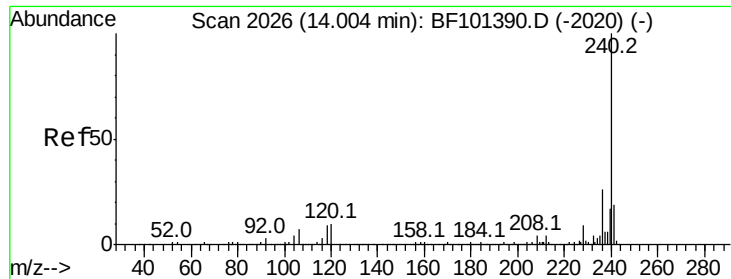
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#74
Fluoranthene
Concen: 3.342 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF101436.D
Acq: 15 Dec 2017 11:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101436.D

Acq: 15 Dec 2017 11:05

Instrument :

BNA_F

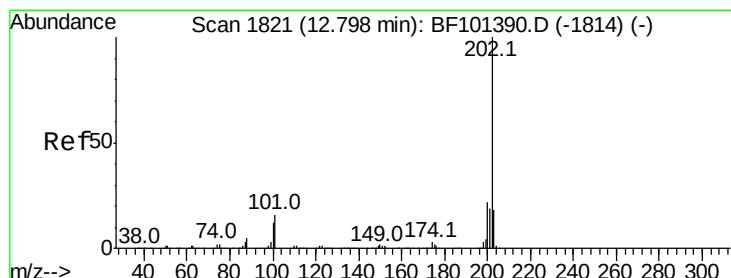
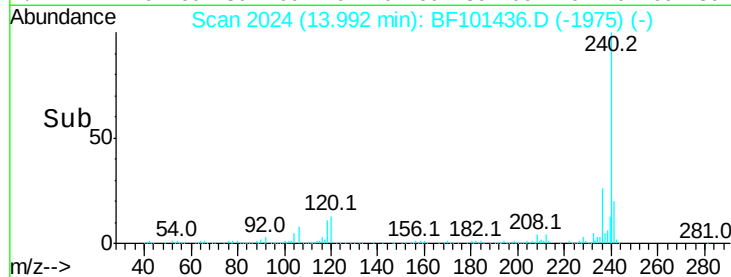
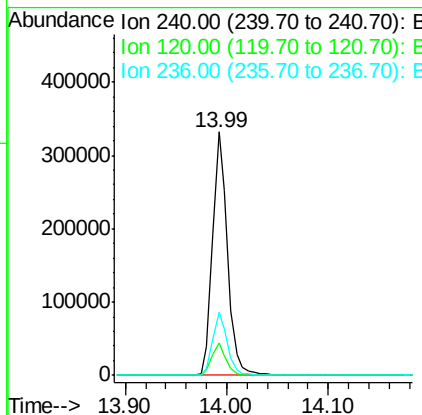
ClientSampleId :

WC-646507-01DL

Tot Ion:	240	Resp:	340949
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.5	14.3
236	26.1	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 2.826 ng

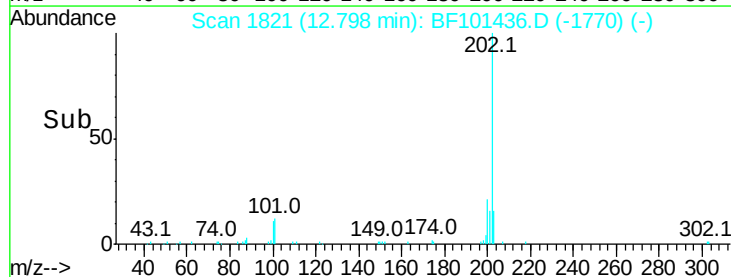
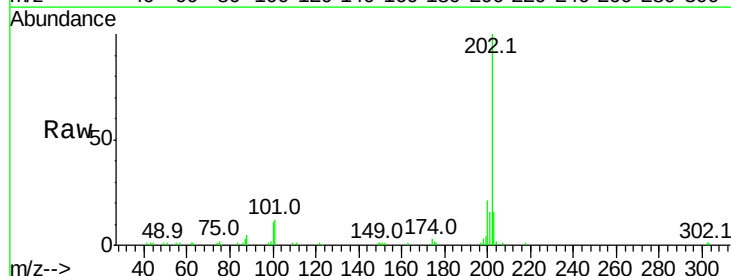
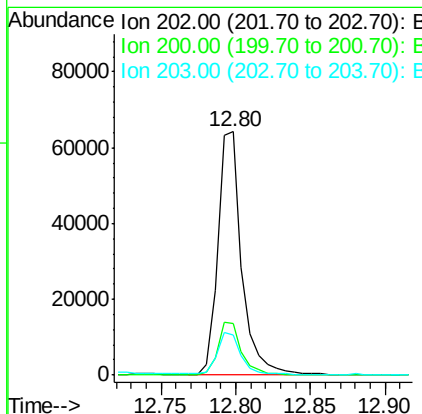
RT: 12.80 min Scan# 1821

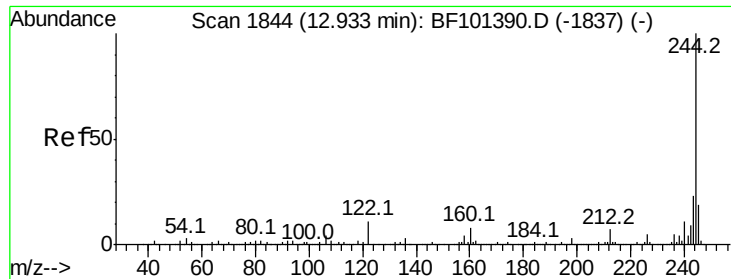
Delta R.T. -0.00 min

Lab File: BF101436.D

Acq: 15 Dec 2017 11:05

Tgt Ion:	202	Resp:	72311
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	16.5	14.3	21.5





#78

Terphenyl-d14

Concen: 0.048 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF101436.D

Acq: 15 Dec 2017 11:05

Instrument :

BNA_F

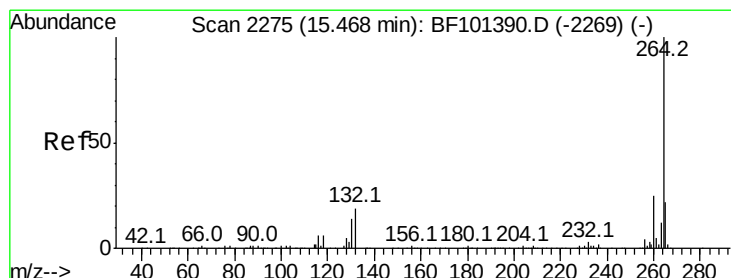
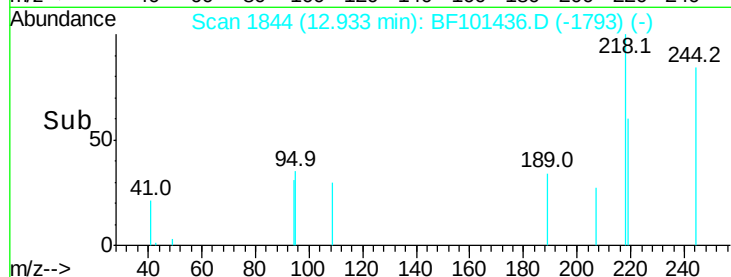
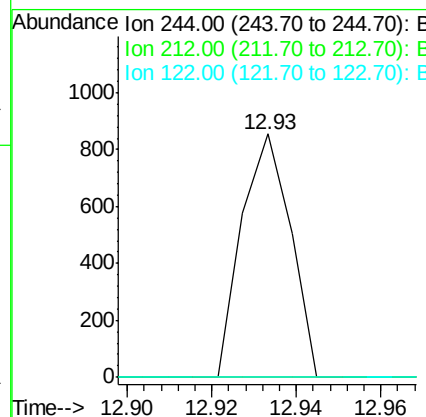
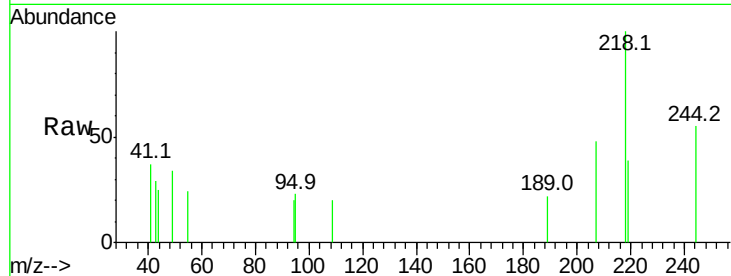
ClientSampleId :

WC-646507-01DL

Tot Ion:	244	Resp:	683
Ion Ratio	Lower	Upper	
244	100		
212	0.0	5.4	8.0#
122	0.0	11.0	16.4#

Manual Integrations
APPROVED

Sohil
12/15/2017 6:45:35 PM



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF101436.D

Acq: 15 Dec 2017 11:05

Tgt Ion:	264	Resp:	326386
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	21.6	17.5	26.3

