

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102899.D
 Acq On : 9 Feb 2018 19:59
 Operator : SJ/JU
 Sample : J1512-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-3091

Manual Integrations
 APPROVED

Sohil
 2/13/2018 4:37:10 AM

Quant Time: Feb 09 22:59:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	164036	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	657201	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	252992	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	398229	20.00	ng	0.00
75) Chrysene-d12	14.05	240	340033	20.00	ng	0.00
86) Perylene-d12	15.54	264	318445	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1078828	99.88	ng	0.01
7) Phenol-d6	6.51	99	1252164	96.28	ng	0.00
23) Nitrobenzene-d5	7.45	82	813938	85.91	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	199533	97.99	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1170416	76.77	ng	0.00
78) Terphenyl-d14	13.00	244	918780	63.98	ng	0.00
Target Compounds						
10) Phenol	6.52	94	75294	5.402	ng	94
49) Dimethylphthalate	9.63	163	100688	5.104	ng	98
70) Phenanthrene	11.43	178	108125	4.875	ng	97
74) Fluoranthene	12.63	202	148302	6.646	ng	97
77) Pyrene	12.86	202	152420	5.716	ng	99
80) Benzo(a)anthracene	14.04	228	66597	3.114	ng	98
82) Chrysene	14.07	228	69925	3.244	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	48005	2.939	ng	# 98
87) Benzo(b)fluoranthene	15.10	252	78804m	3.817	ng	
89) Benzo(a)pyrene	15.47	252	51214	2.756	ng	98

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

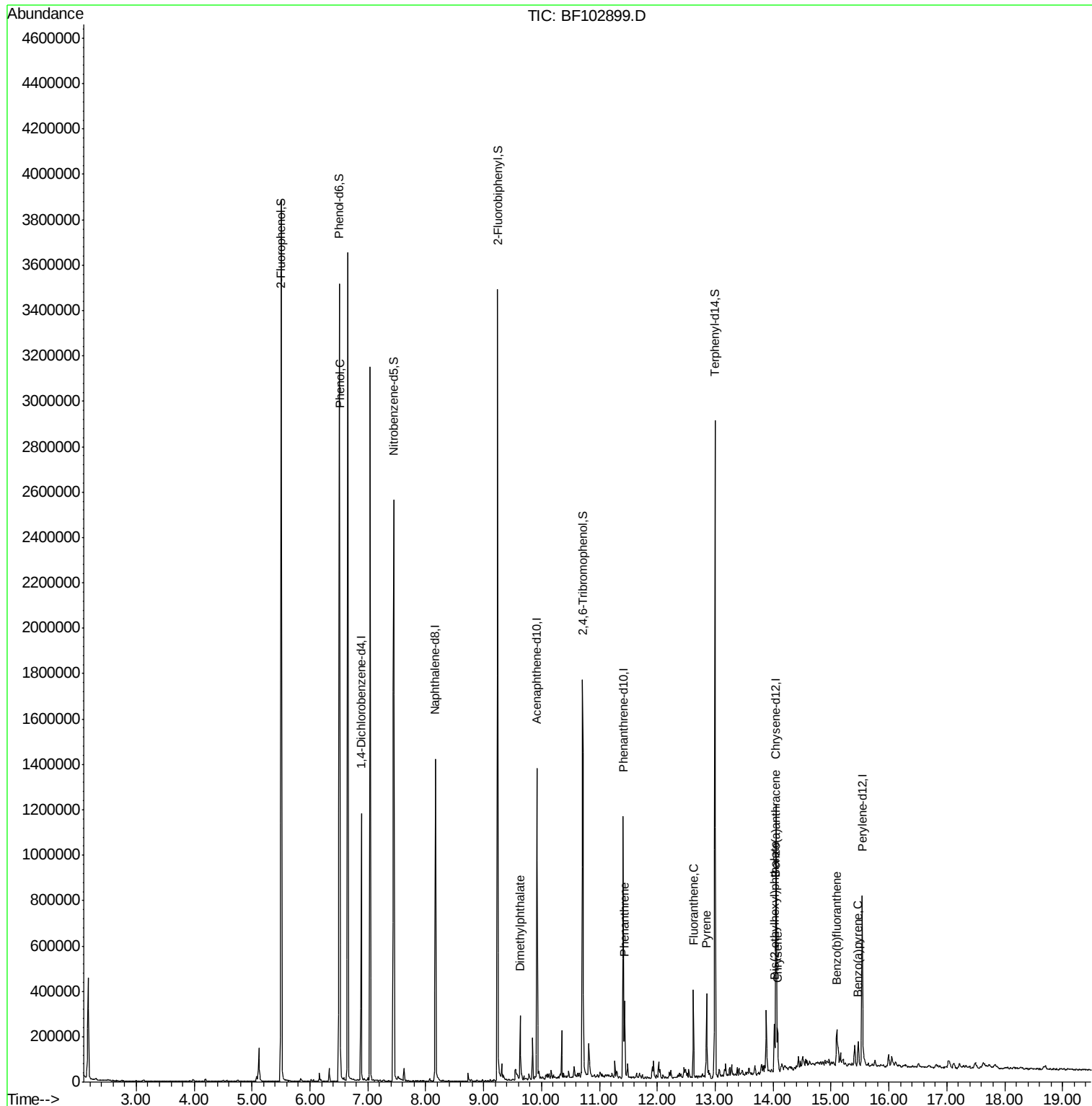
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102899.D
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Operator : SJ/JU
Sample : J1512-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

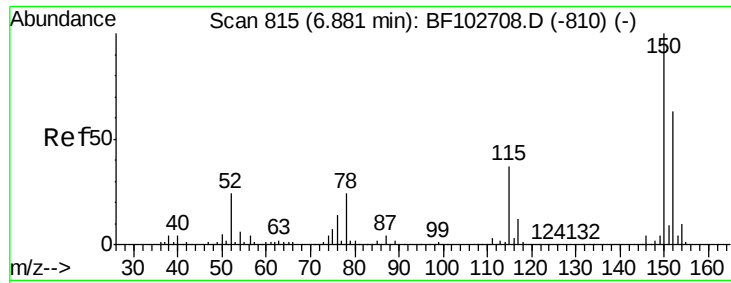
Instrument :
BNA_F
ClientSampleId :
RO-3091

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#1

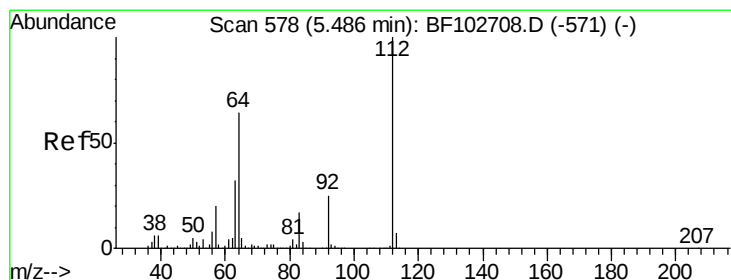
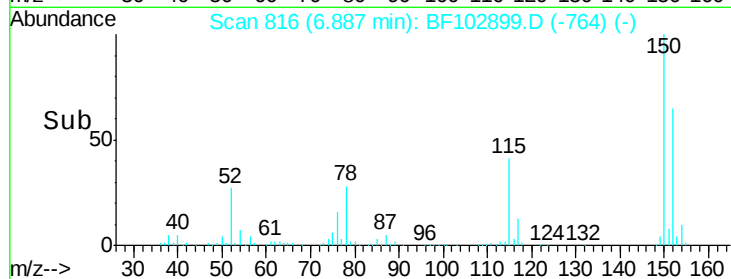
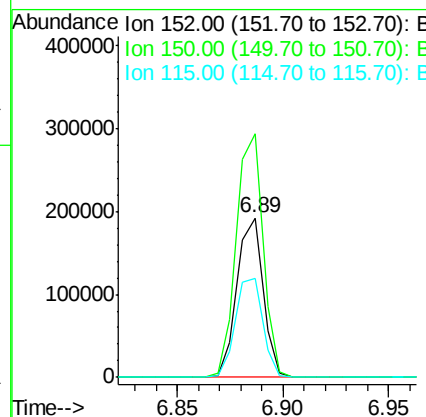
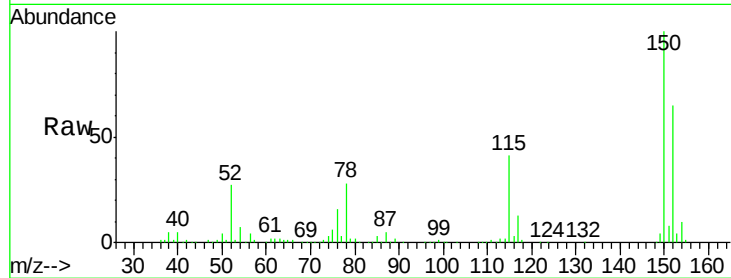
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Instrument :
BNA_F
ClientSampleId :
RO-3091

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.6	186.8
115	62.4	50.1	75.1

Manual Integrations
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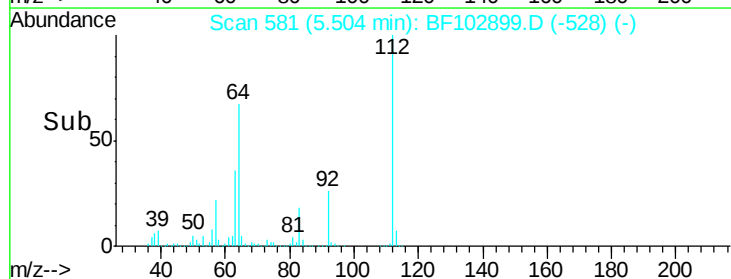
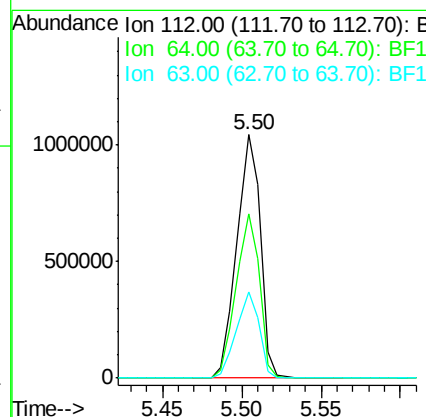
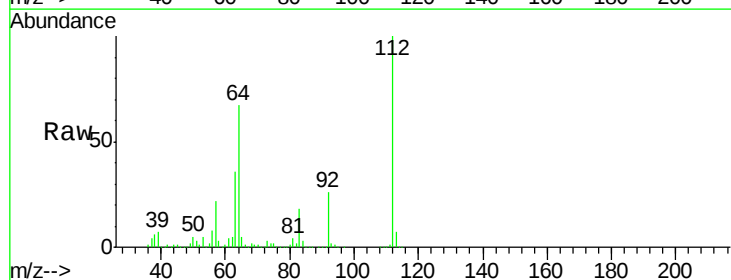
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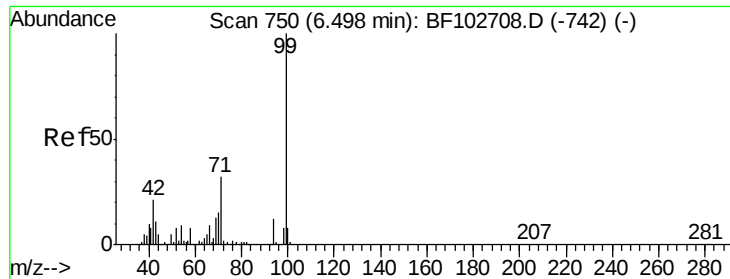


#5

2-Fluorophenol
Concen: 99.879 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	47.9	71.9
63	35.5	23.7	35.5





#7

Phenol-d6

Concen: 96.279 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102899.D

Acq: 9 Feb 2018 19:59

Instrument :

BNA_F

ClientSampleId :

RO-3091

Tot Ion: 99 Resp: 1252164

Ion Ratio Lower Upper

99 100

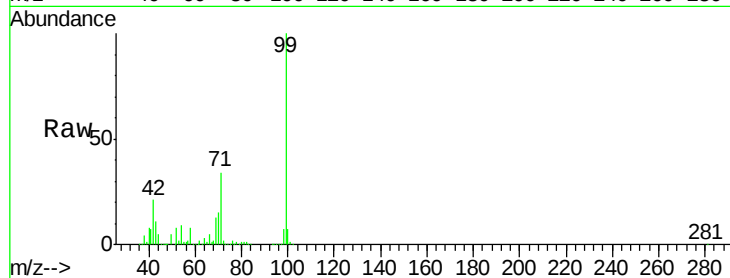
42 21.4 14.5 21.7

71 33.6 25.4 38.0

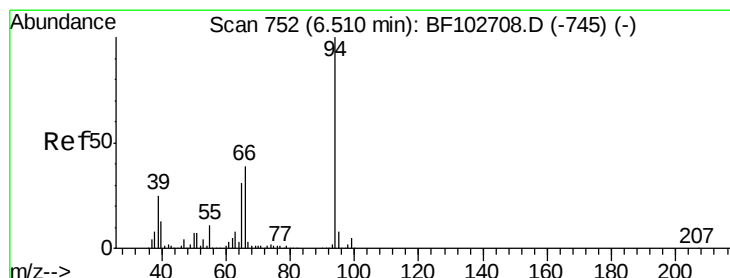
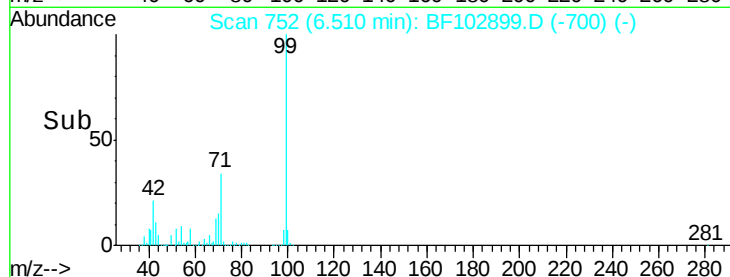
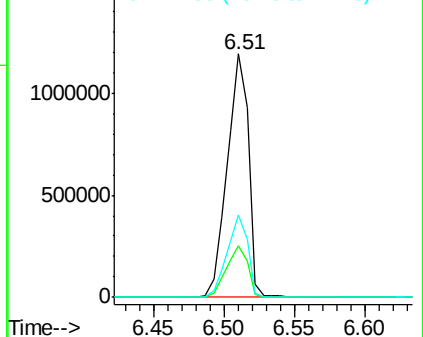
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.402 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF102899.D

Acq: 9 Feb 2018 19:59

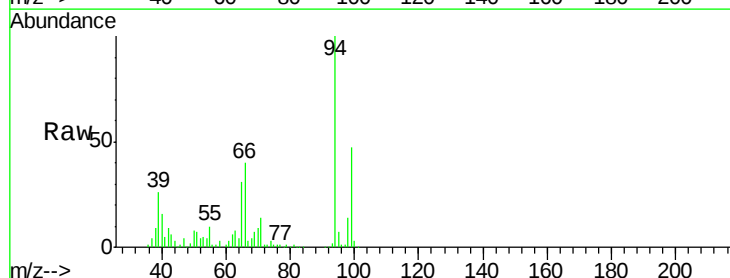
Tgt Ion: 94 Resp: 75294

Ion Ratio Lower Upper

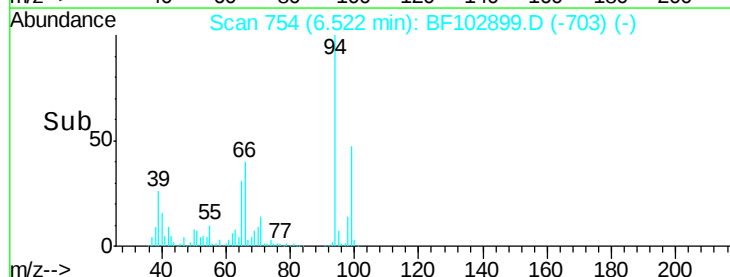
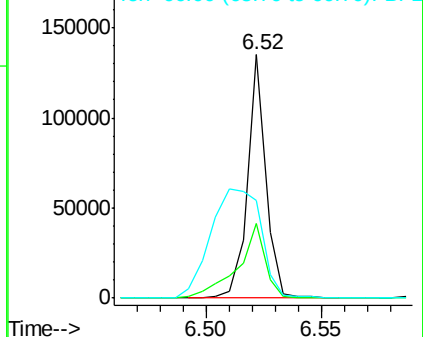
94 100

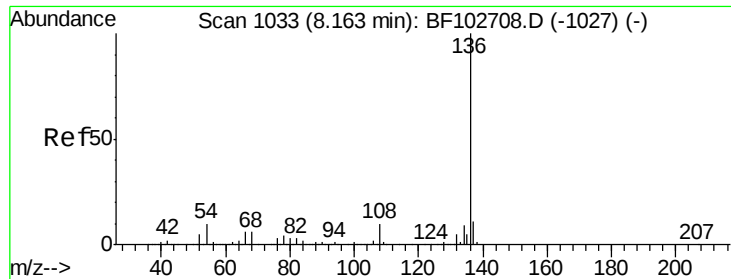
65 30.6 7.9 47.9

66 40.3 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





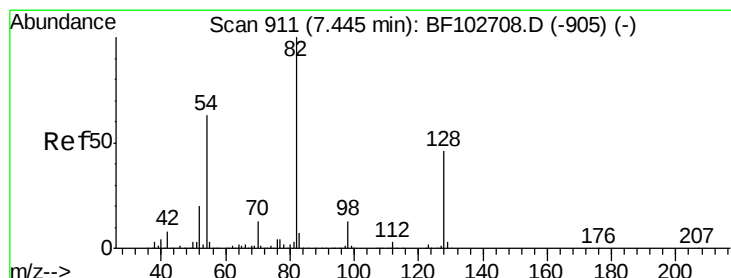
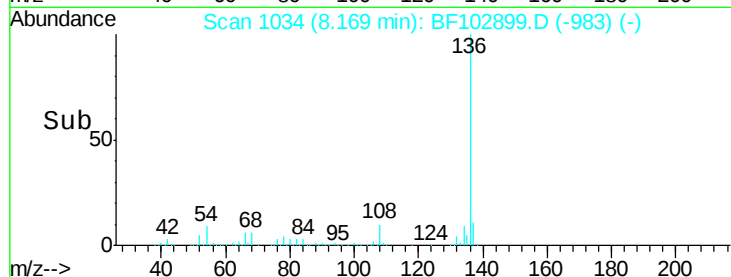
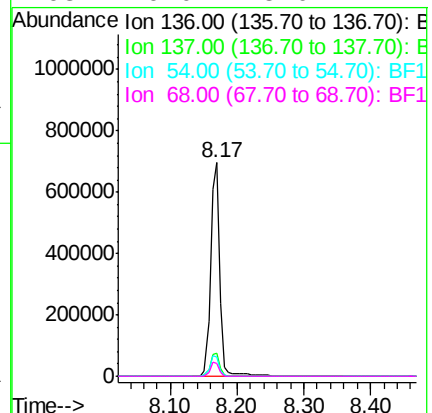
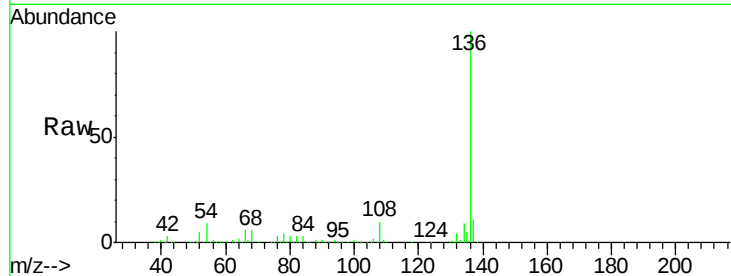
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Instrument :
BNA_F
ClientSampled :
RO-3091

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		657201		
137	10.6		8.9	13.3	
54	9.0		6.6	9.8	
68	6.0		5.0	7.4	

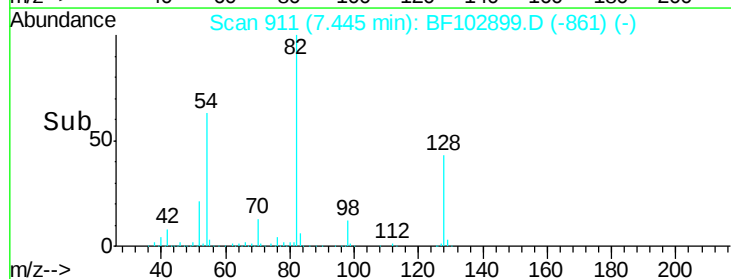
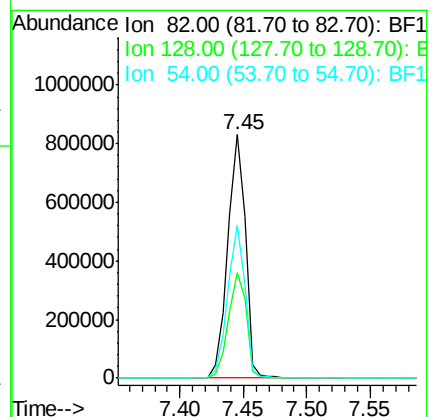
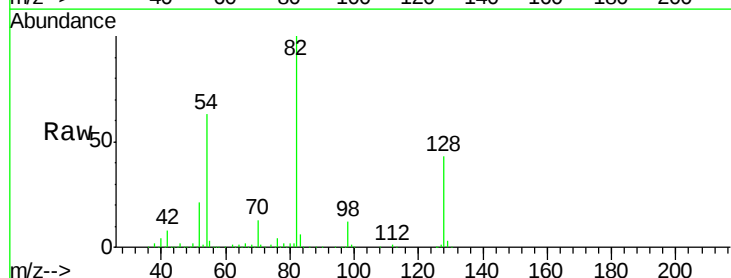
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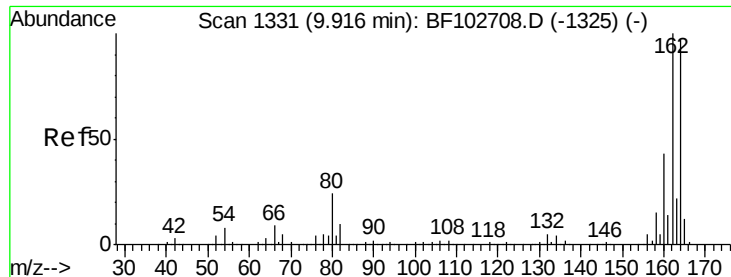
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#23
Nitrobenzene-d5
Concen: 85.915 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		813938		
128	43.4		36.1	54.1	
54	62.6		41.4	62.2	





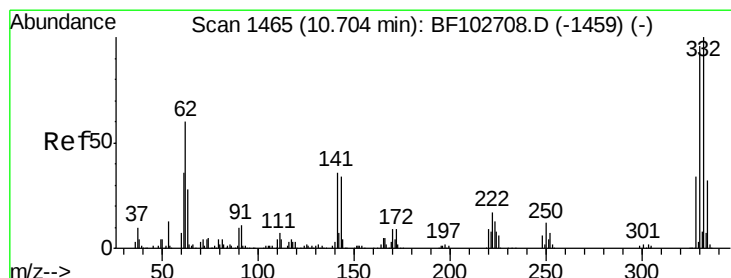
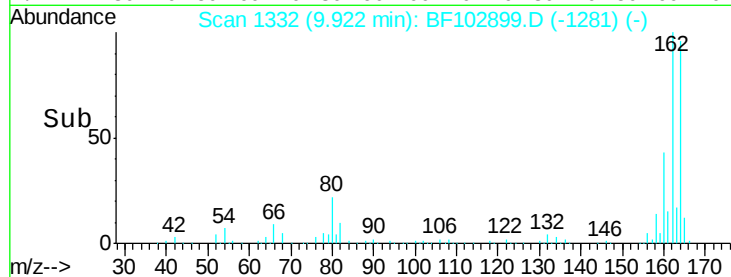
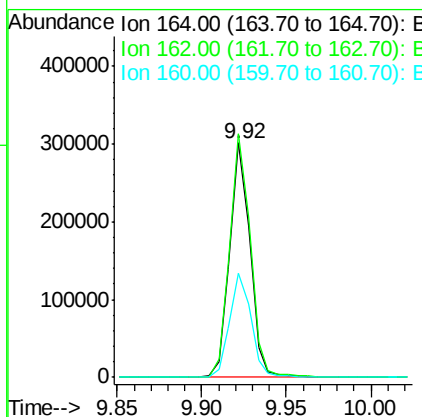
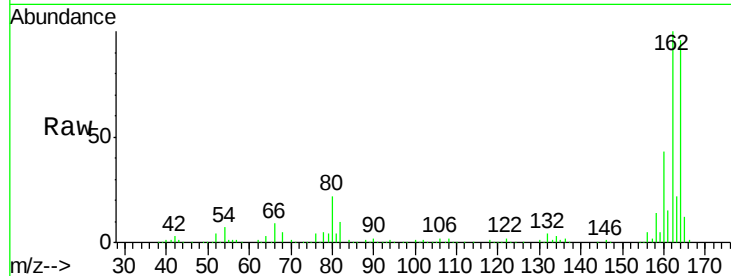
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Instrument :
BNA_F
ClientSampleId :
RO-3091

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.8	86.1	129.1	
160	44.6	38.3	57.5	

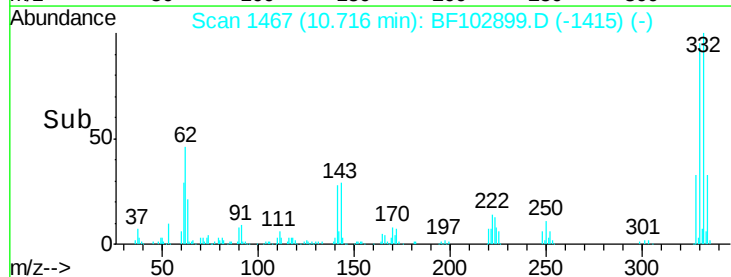
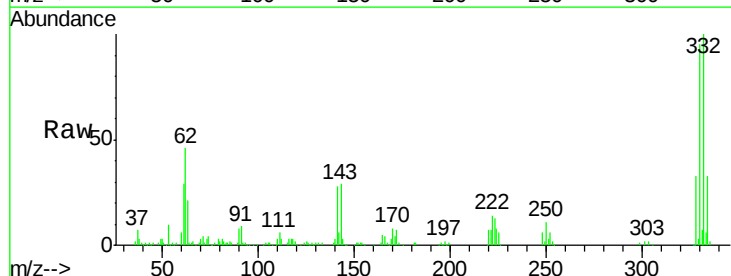
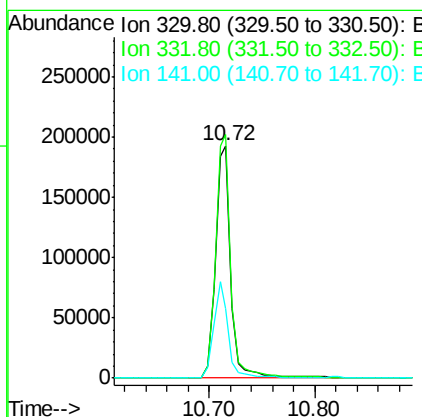
Manual Integrations
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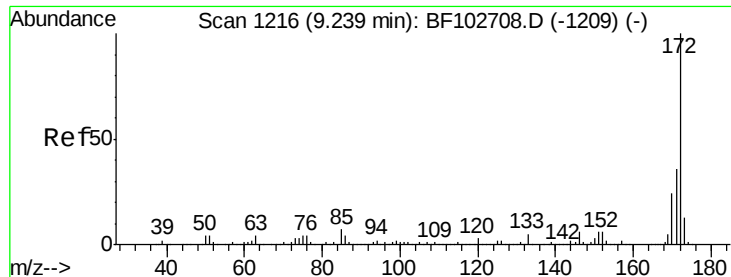
Sohil
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#41
2,4,6-Tribromophenol
Concen: 97.989 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	104.6	77.0	115.6	
141	39.4	29.9	44.9	





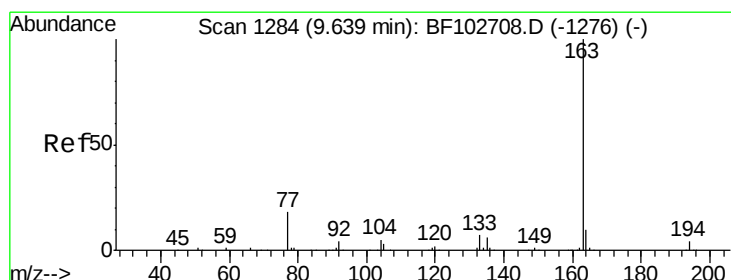
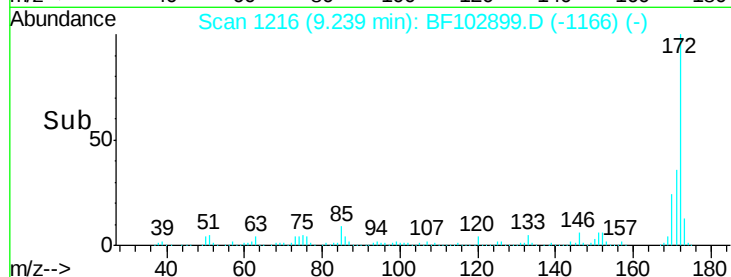
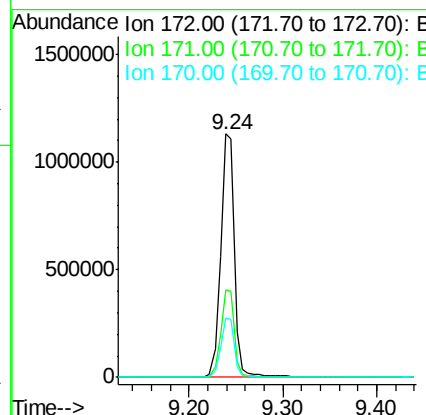
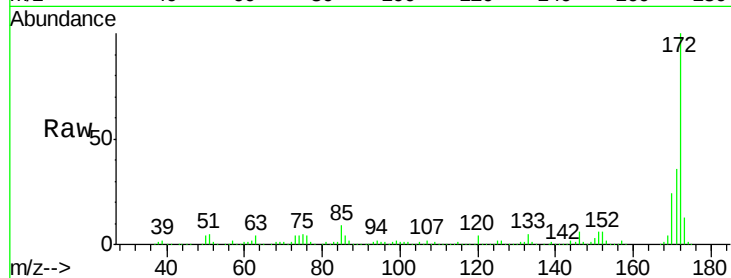
#44
2-Fluorobiphenyl
Concen: 76.767 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Instrument :
BNA_F
ClientSampled :
RO-3091

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.1	29.7	44.5	
170	24.5	19.6	29.4	

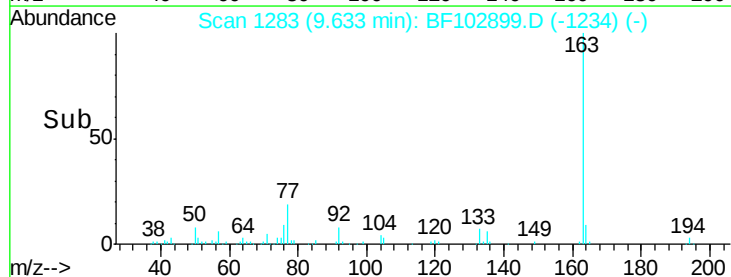
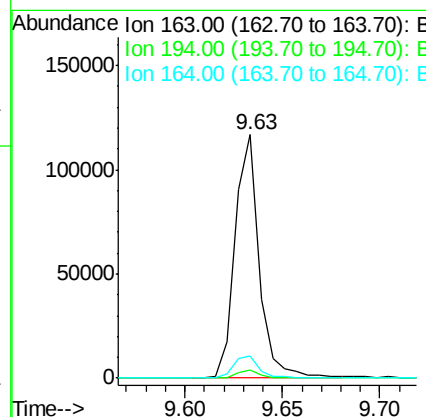
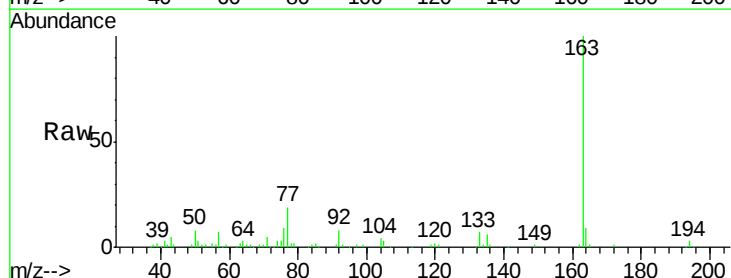
Manual Integrations
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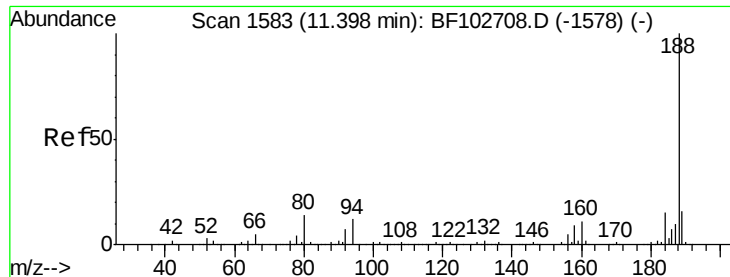
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#49
Dimethylphthalate
Concen: 5.104 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	9.2	8.2	12.2	





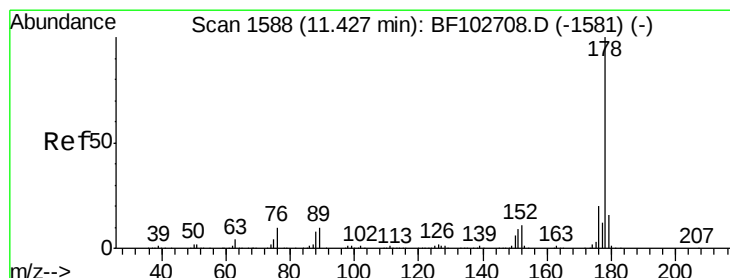
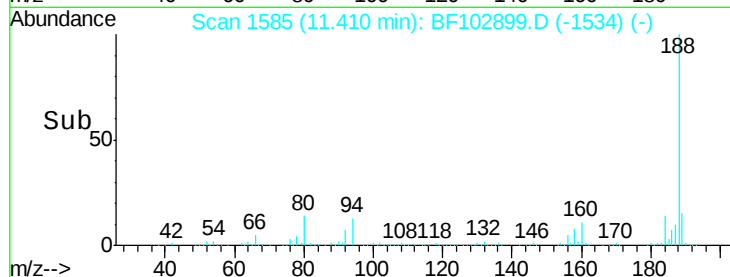
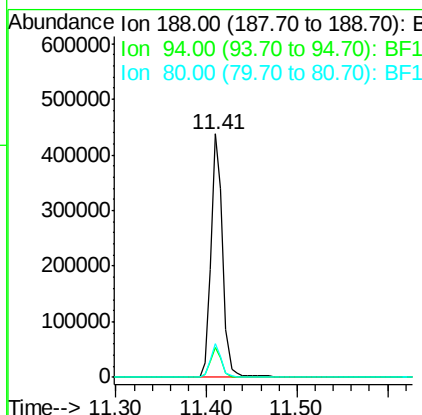
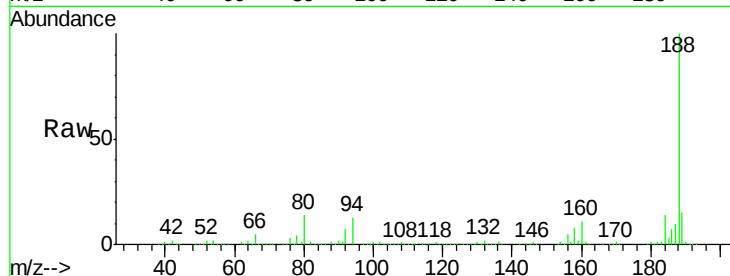
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Instrument :
BNA_F
ClientSampled :
RO-3091

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.5	8.5	12.7
80	13.8	9.2	13.8#

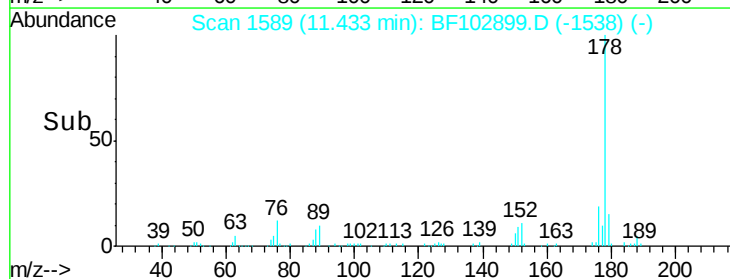
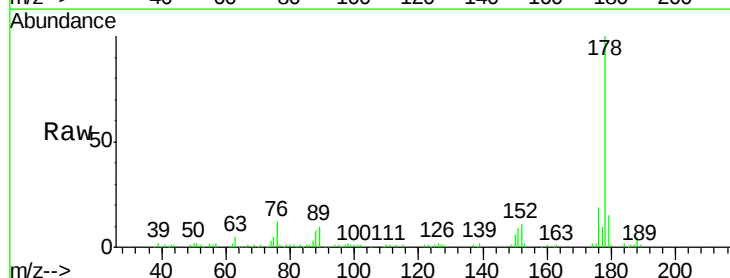
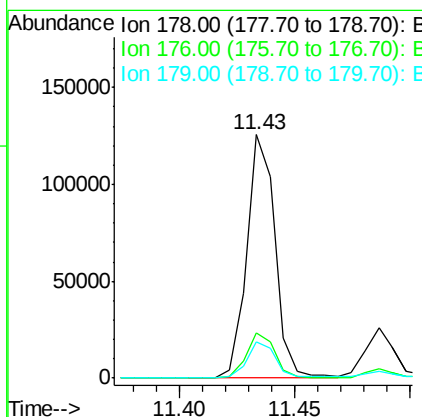
Manual Integrations
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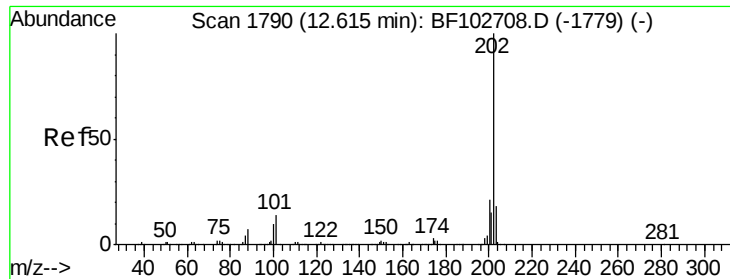
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#70
Phenanthrene
Concen: 4.875 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.6	15.8	23.8
179	14.8	13.0	19.6





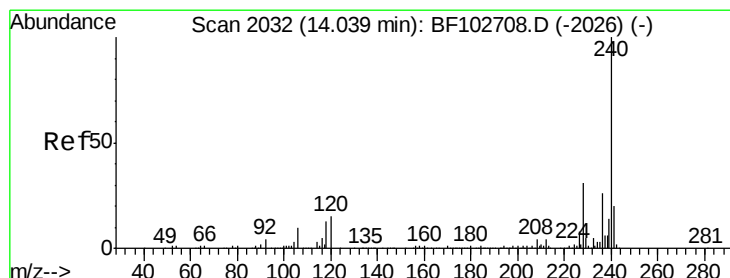
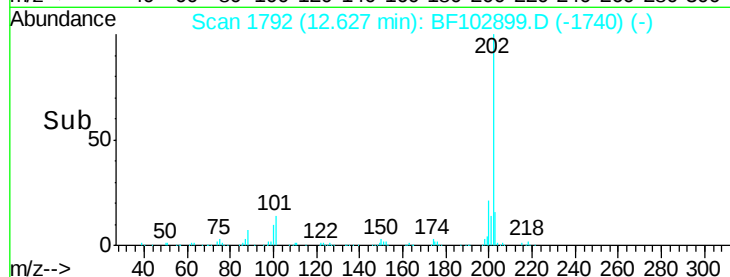
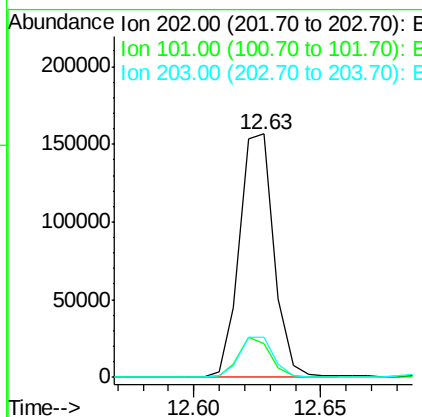
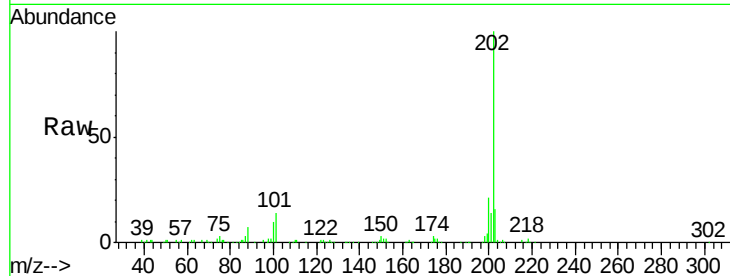
#74
Fluoranthene
Concen: 6.646 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Instrument :
BNA_F
ClientSampleId :
RO-3091

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.8	0.0	34.1
203	16.3	0.0	38.1

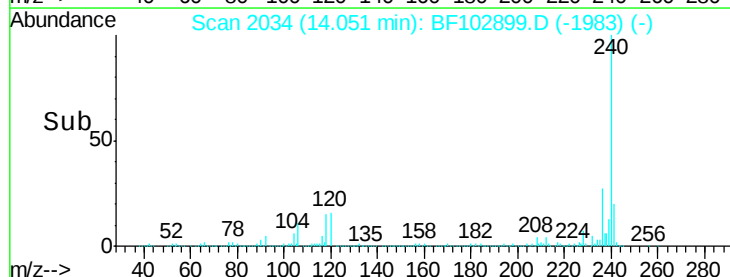
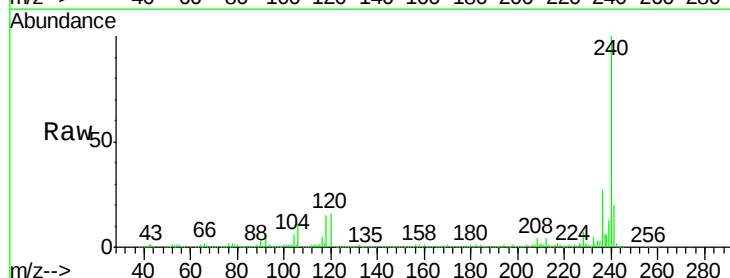
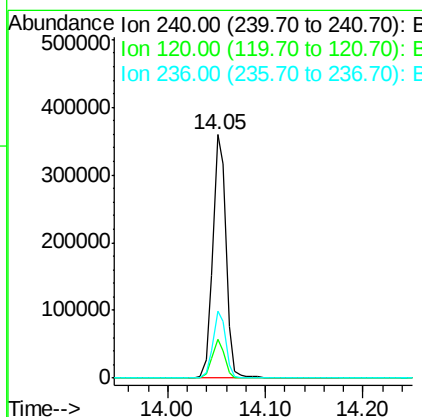
Manual Integrations
APPROVED

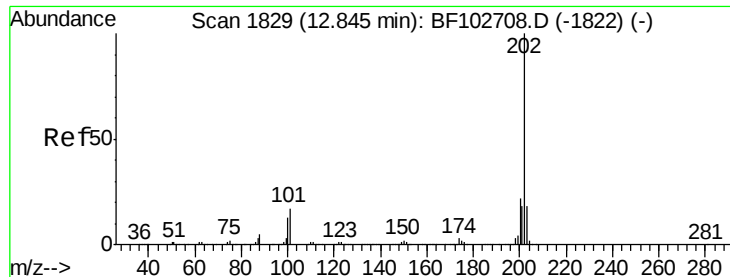
Sohil
2/13/2018 4:37:10 AM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.0	9.5	14.3#
236	27.3	20.7	31.1





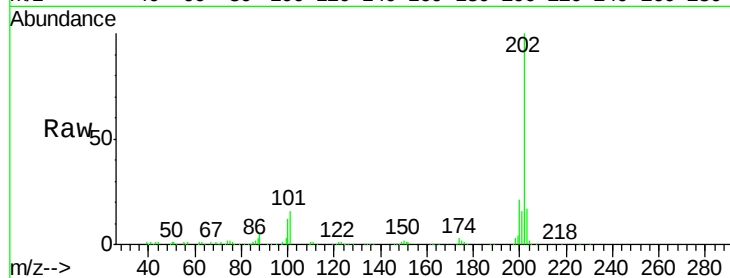
#77
Pvrene
Concen: 5.716 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Instrument :
BNA_F
ClientSampleId :
RO-3091

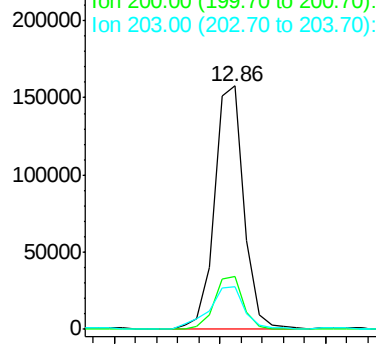
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.4	14.3	21.5

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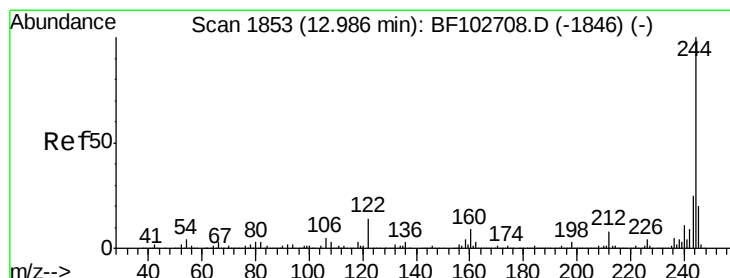
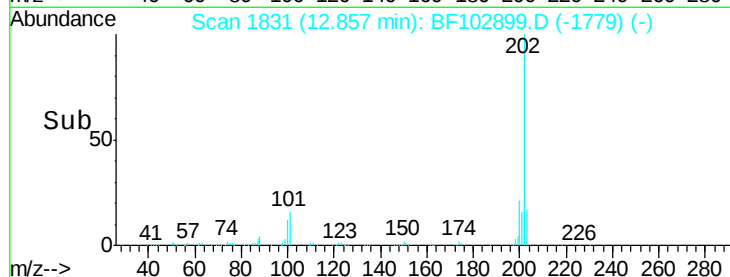
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



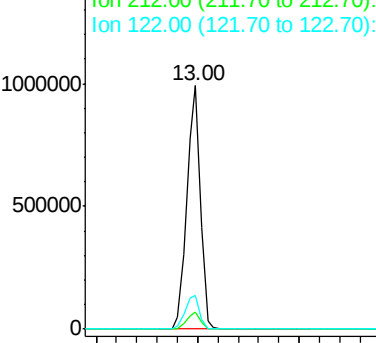
Time-->



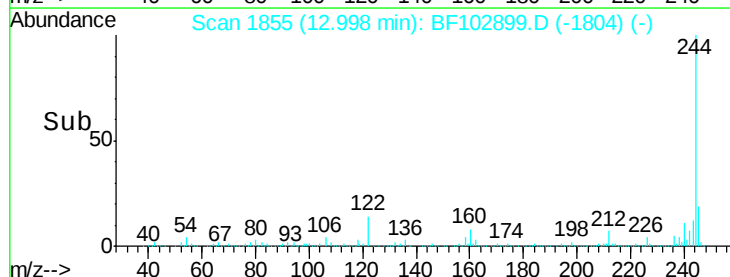
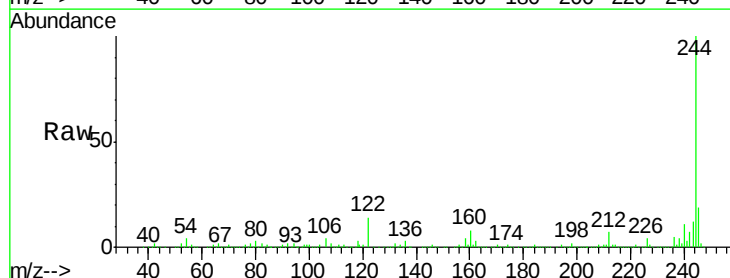
#78
Terphenyl-d14
Concen: 63.978 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

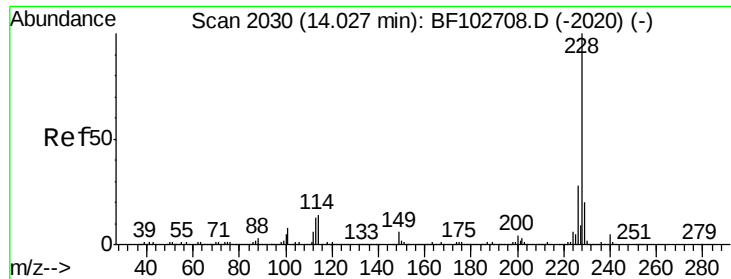
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.0	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





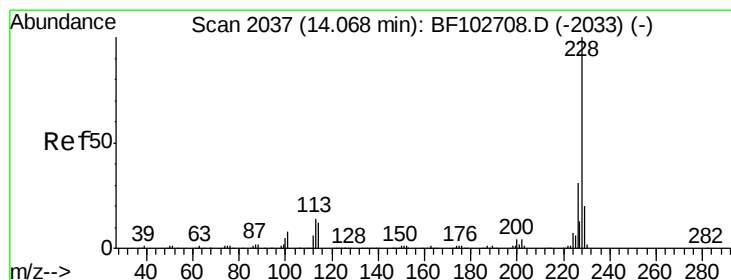
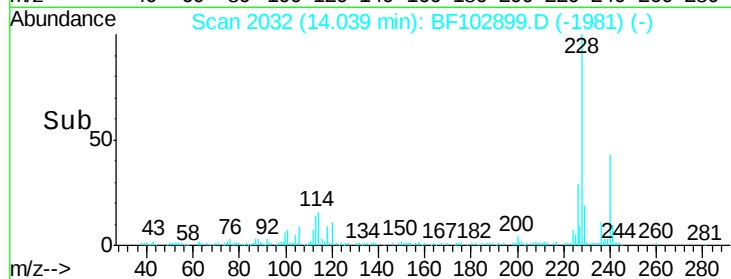
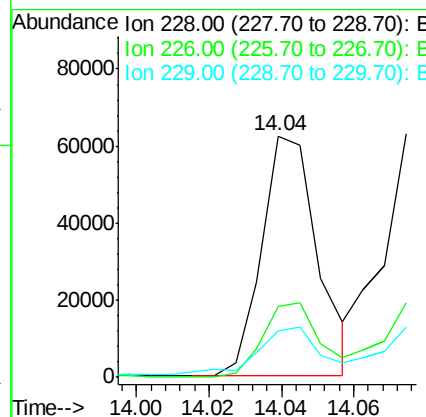
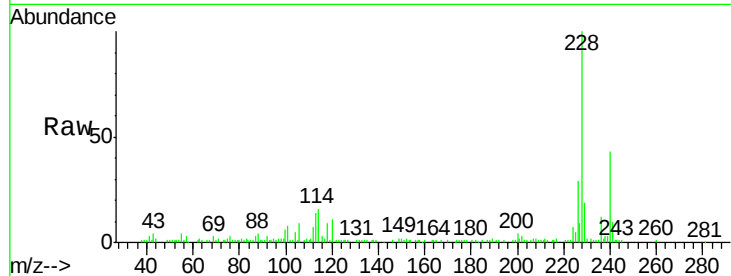
#80
Benzo(a)anthracene
Concen: 3.114 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Instrument :
BNA_F
ClientSampled :
RO-3091

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	19.4	15.8	23.6

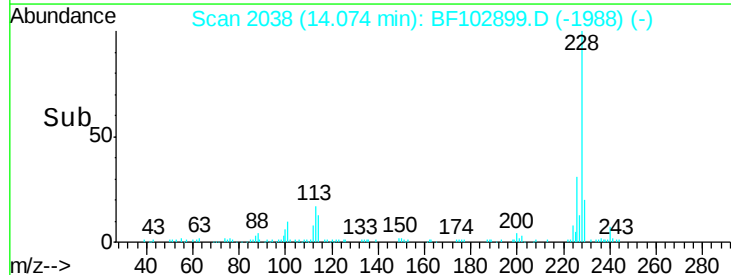
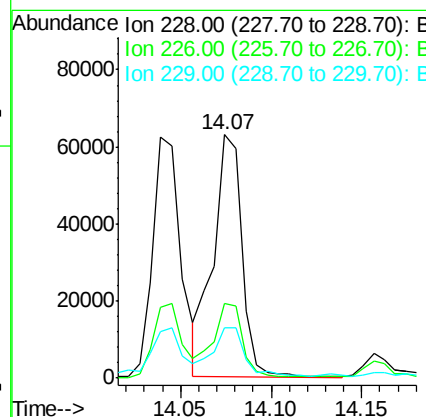
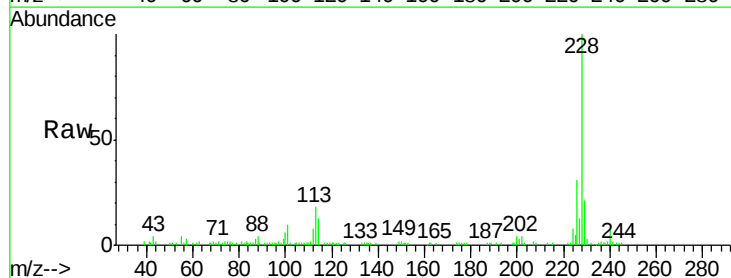
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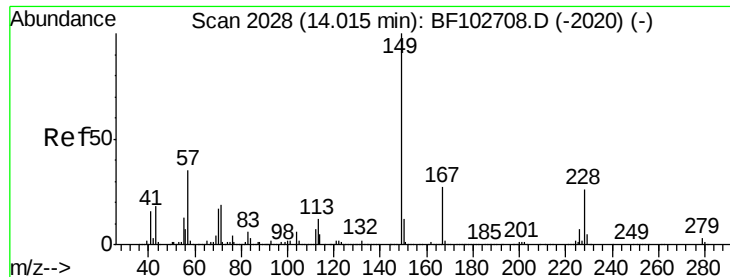
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#82
Chrysene
Concen: 3.244 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.8	16.2	24.4





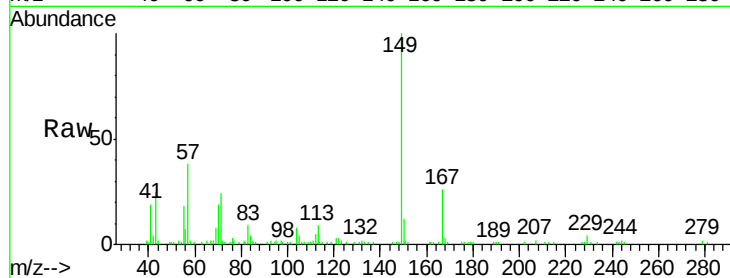
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.939 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Instrument :
BNA_F
ClientSampled :
RO-3091

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.3	31.9
279	2.5	3.0	4.4

Manual Integrations
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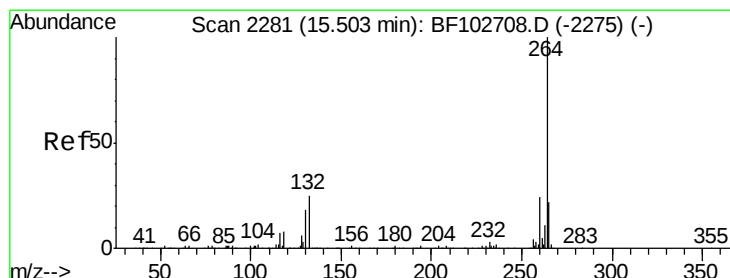
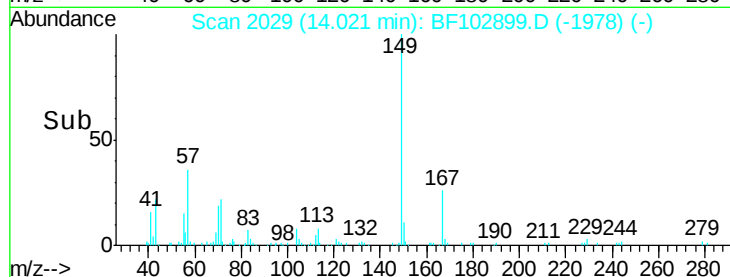
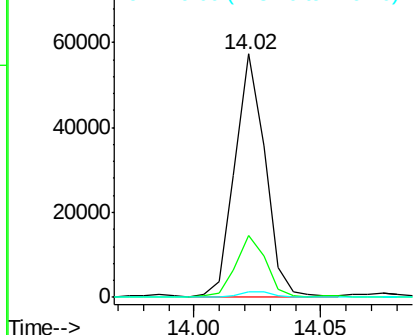


Abundance

Ion 149.00 (148.70 to 149.70): E

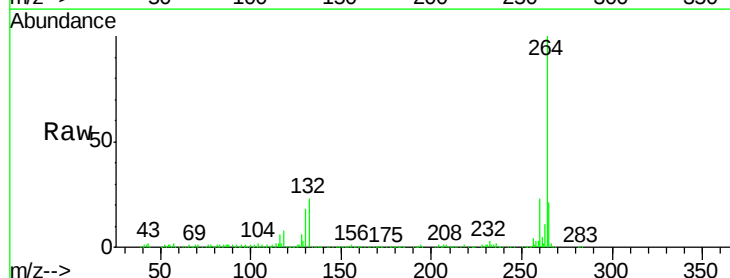
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.5	26.3

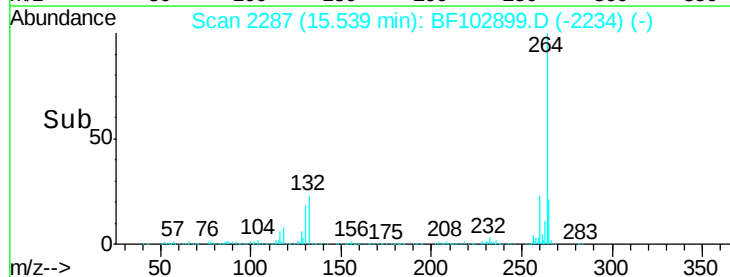
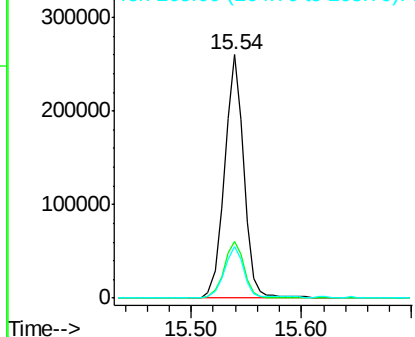


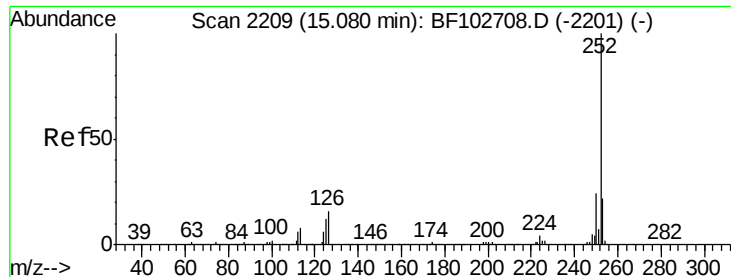
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





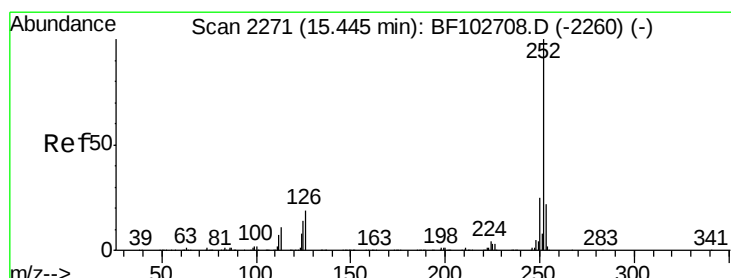
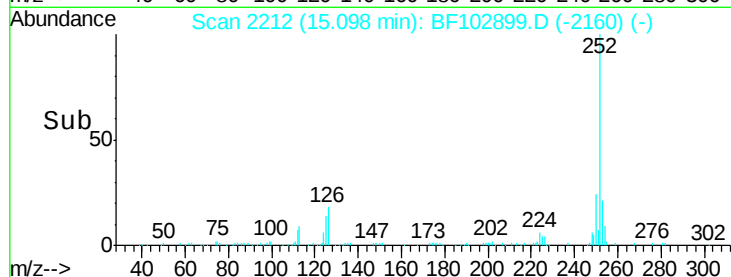
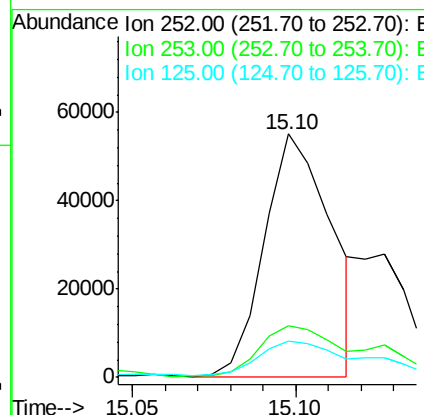
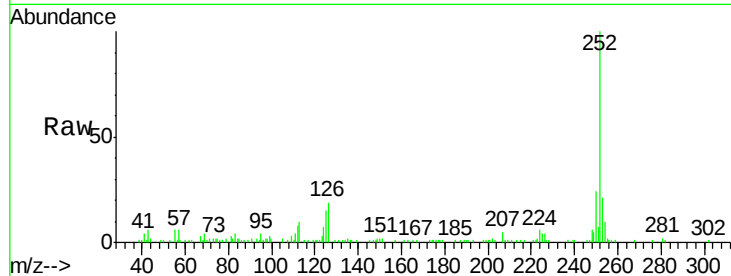
#87
Benzo(b)fluoranthene
Concen: 3.817 ng/mL
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Instrument :
BNA_F
ClientSampled :
RO-3091

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	15.0	9.0	13.6

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#89
Benzo(a)pyrene
Concen: 2.756 ng/mL
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF102899.D
Acq: 9 Feb 2018 19:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	13.9	9.8	14.6

