

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110849.D
 Acq On : 19 Nov 2018 13:31
 Operator : JU/SJ
 Sample : J5977-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMTW-02(10-12)

Manual Integrations
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Sohil
 11/20/2018 11:07:24 AM

Quant Time: Nov 19 15:44:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	59063	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	249437	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	116955	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	205035	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	127797	20.00	ng	-0.01
87) Perylene-d12	15.66	264	133580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	297225	81.74	ng	0.00
7) Phenol-d6	6.56	99	383025	82.37	ng	-0.01
23) Nitrobenzene-d5	7.50	82	245029	56.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	91853	77.94	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	480192	58.64	ng	-0.01
79) Terphenyl-d14	13.06	244	375449	55.02	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	20844	3.866	ng	Qvalue # 73
50) Dimethylphthalate	9.69	163	62051	7.110	ng	100
71) Phenanthrene	11.50	178	74171	6.752	ng	97
72) Anthracene	11.56	178	23082	2.083	ng	99
75) Fluoranthene	12.69	202	118758	10.784	ng	99
78) Pyrene	12.93	202	102848	10.452	ng	98
81) Benzo(a)anthracene	14.12	228	56000	7.331	ng	98
83) Chrysene	14.15	228	48480	6.662	ng	97
86) Indeno(1,2,3-cd)pyrene	17.23	276	32300	6.185	ng	99
88) Benzo(b)fluoranthene	15.20	252	72772m	9.107	ng	
89) Benzo(k)fluoranthene	15.23	252	23173m	2.935	ng	
90) Benzo(a)pyrene	15.59	252	54276	7.475	ng	98
92) Benzo(a,h,i)perylene	17.72	276	29492	4.838	ng	97

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

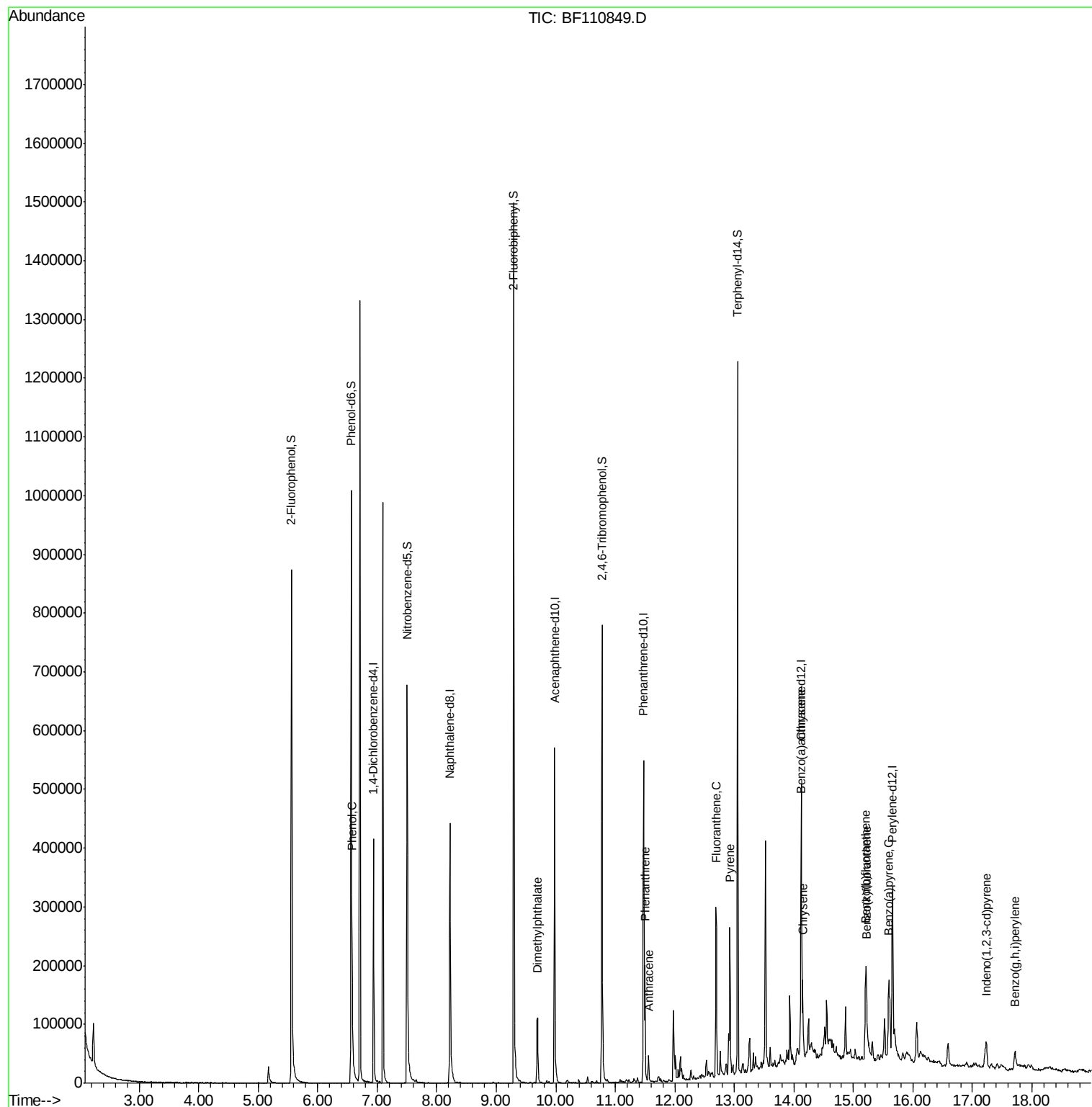
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110849.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

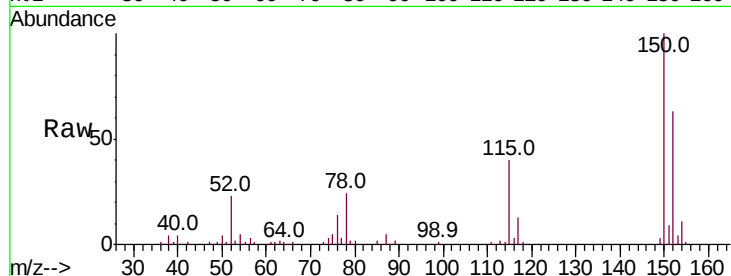
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110849.D
Acq: 19 Nov 2018 13:31

Instrument :
BNA_F
ClientSampleId :
MMTW-02(10-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	122.7	184.1
115	64.2	49.1	73.7

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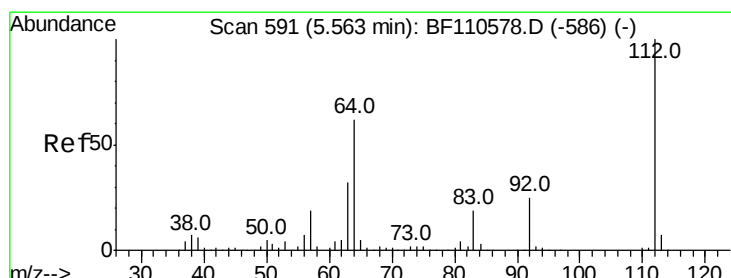
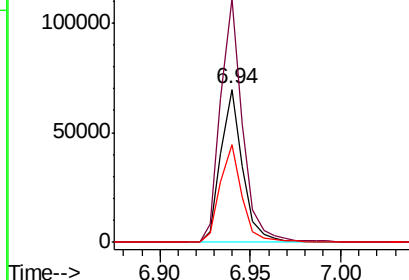
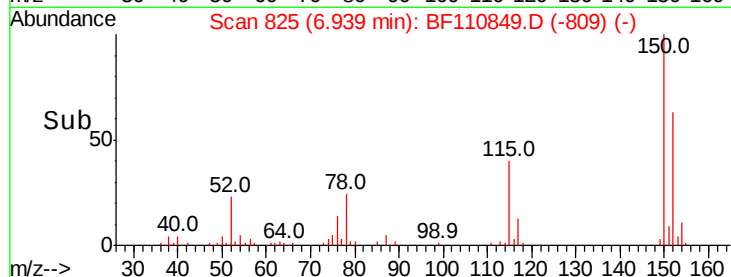


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

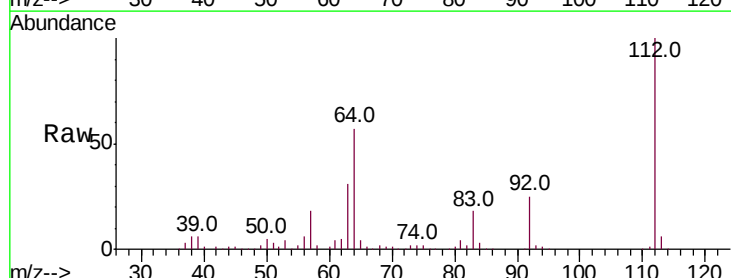
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 81.741 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110849.D
Acq: 19 Nov 2018 13:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	44.1	66.1
63	30.8	23.7	35.5

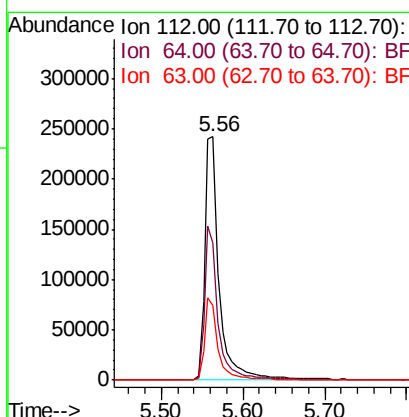
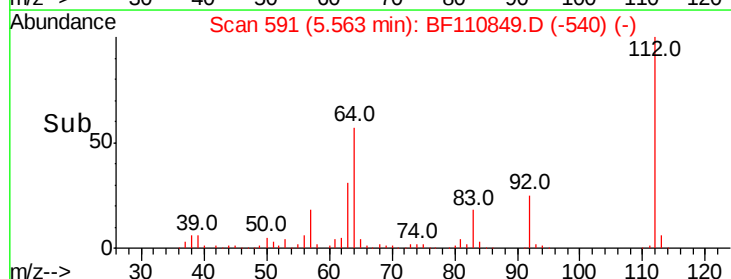


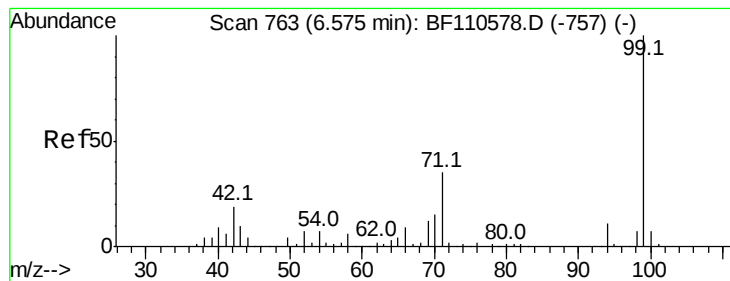
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 82.375 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110849.D

Acq: 19 Nov 2018 13:31

Instrument :

BNA_F

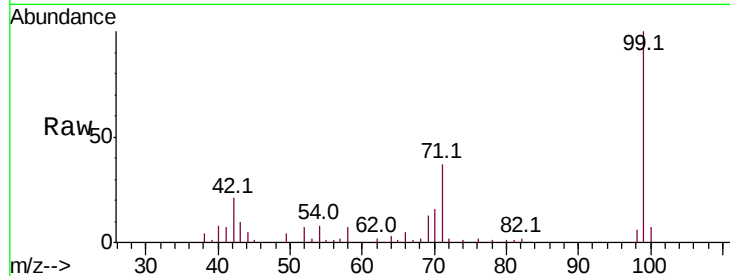
ClientSampleId :

MMTW-02(10-12)

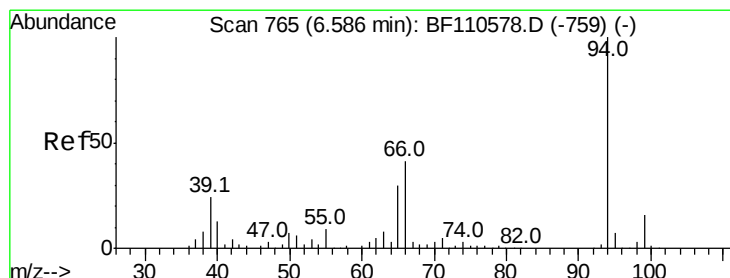
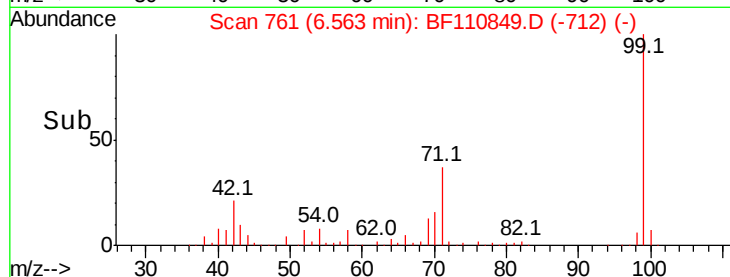
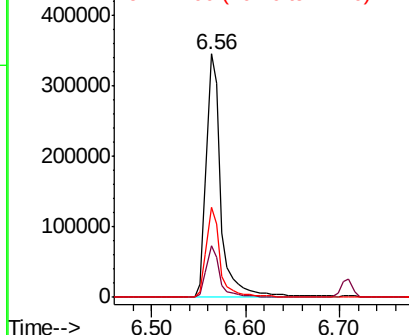
Tot Ion:	99	Resp:	383025
Ion Ratio	Lower	Upper	
99	100		
42	21.2	15.8	23.6
71	36.9	28.0	42.0

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



#10

Phenol

Concen: 3.866 ng

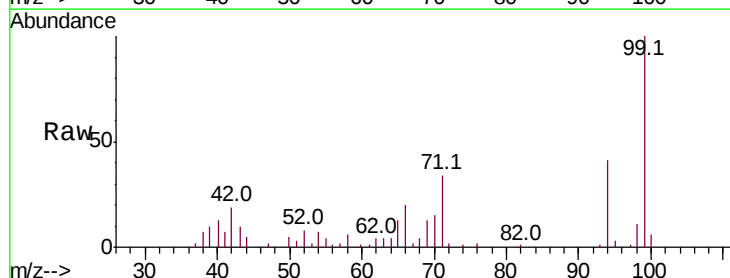
RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

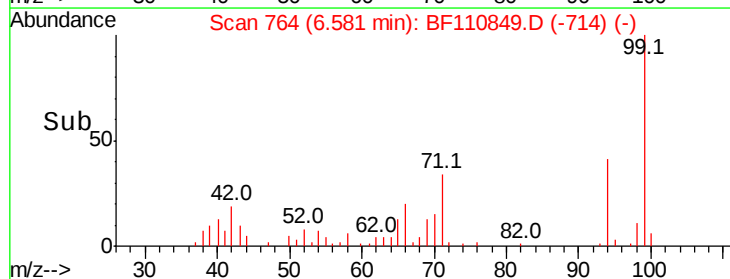
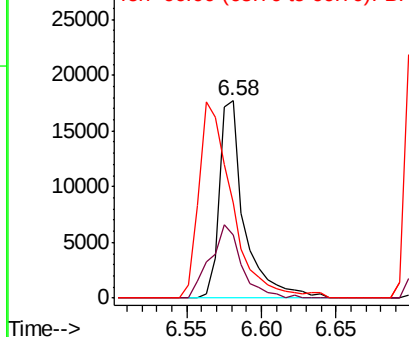
Lab File: BF110849.D

Acq: 19 Nov 2018 13:31

Tgt Ion:	94	Resp:	20844
Ion Ratio	Lower	Upper	
94	100		
65	32.2	25.3	65.3
66	48.5	54.5	94.5#



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





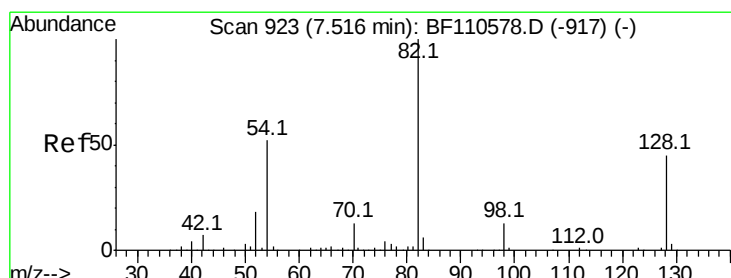
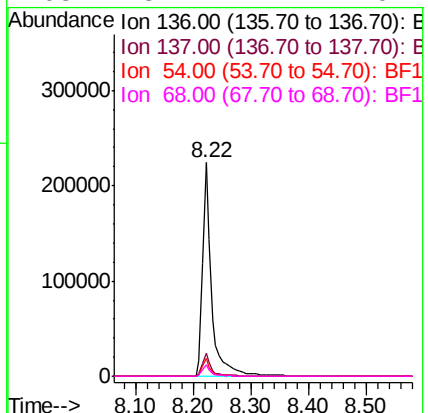
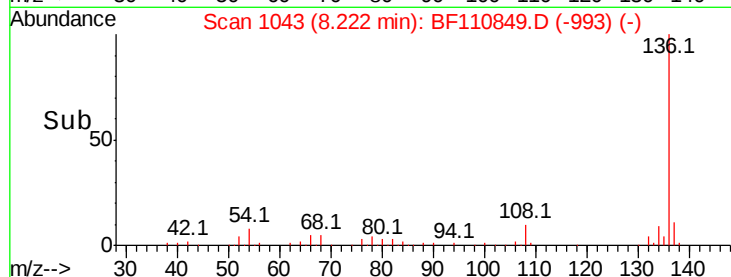
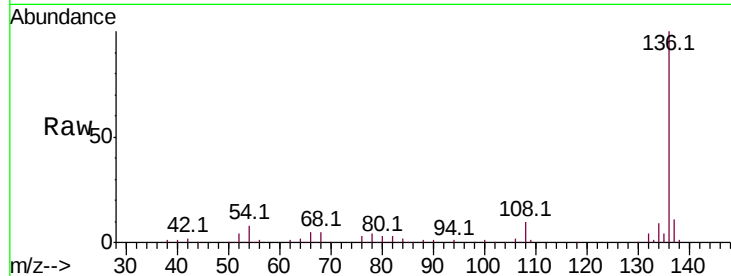
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110849.D
Acq: 19 Nov 2018 13:31

Instrument :
BNA_F
ClientSampleId :
MMTW-02(10-12)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.8	13.2	
54	8.1	5.4	8.2	
68	5.1	4.2	6.2	

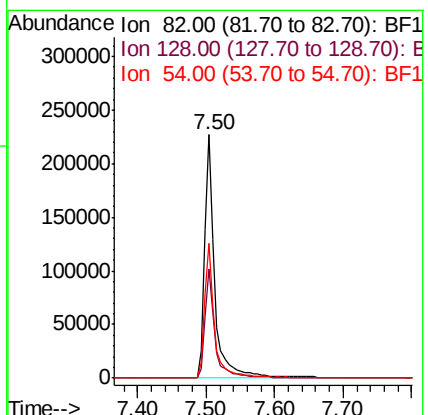
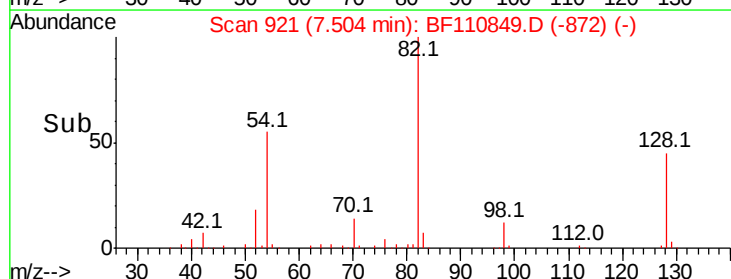
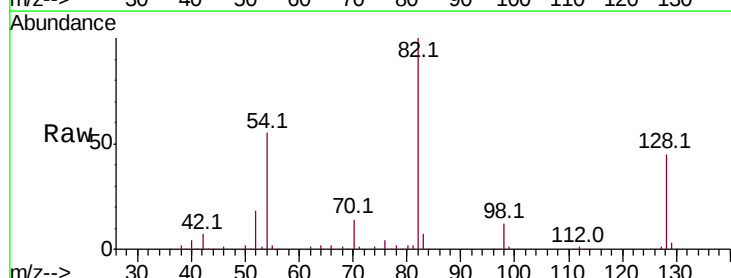
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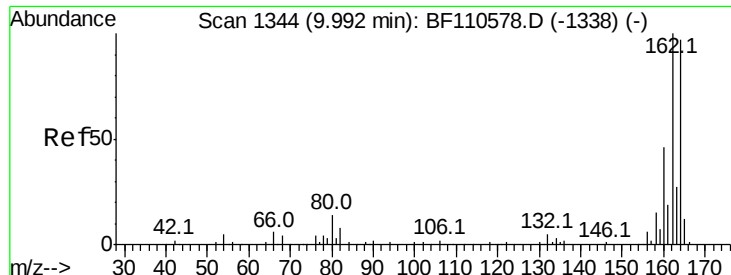
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#23
Nitrobenzene-d5
Concen: 56.572 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110849.D
Acq: 19 Nov 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.0	34.2	51.2	
54	55.3	38.6	58.0	





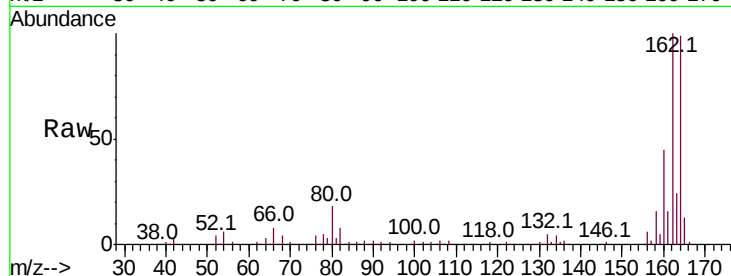
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110849.D
Acq: 19 Nov 2018 13:31

Instrument :
BNA_F
ClientSampleId :
MMTW-02(10-12)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.6	83.0	124.6	
160	45.5	37.0	55.6	

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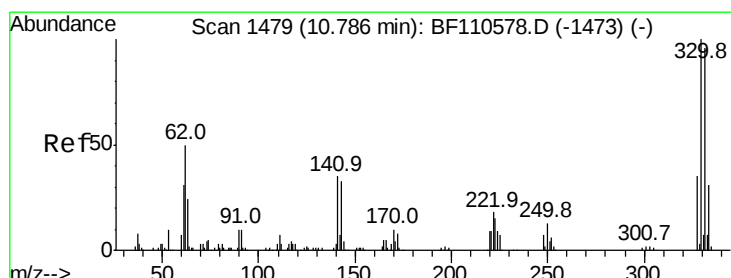
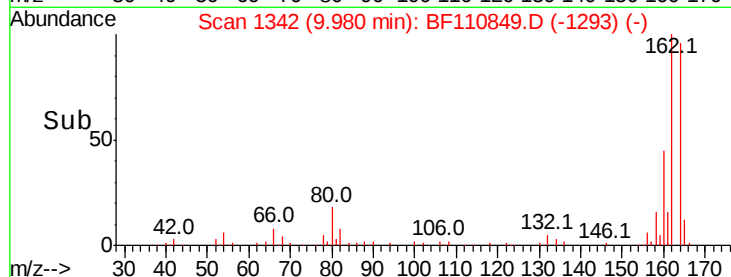
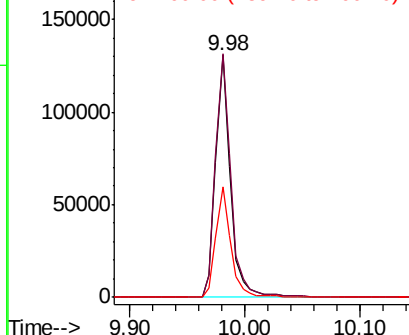


Abundance

Ion 164.00 (163.70 to 164.70): E

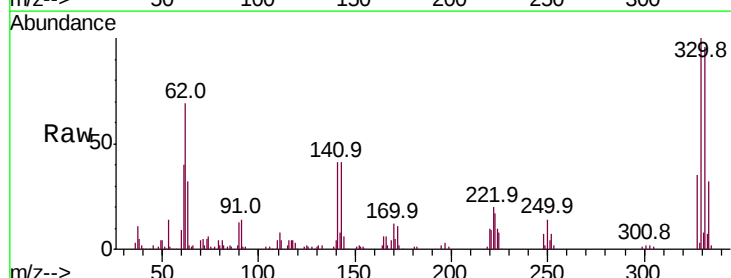
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 77.943 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110849.D
Acq: 19 Nov 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.1	115.7	
141	38.8	27.0	40.4	

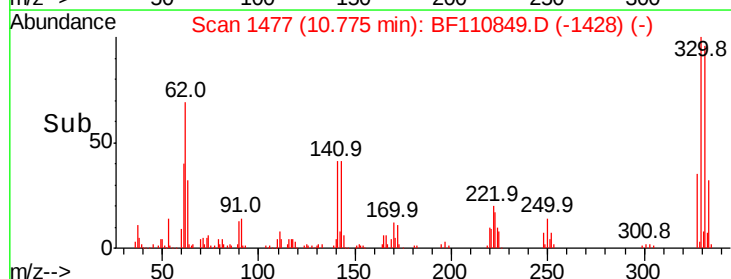
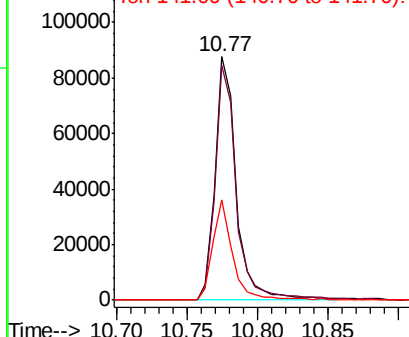


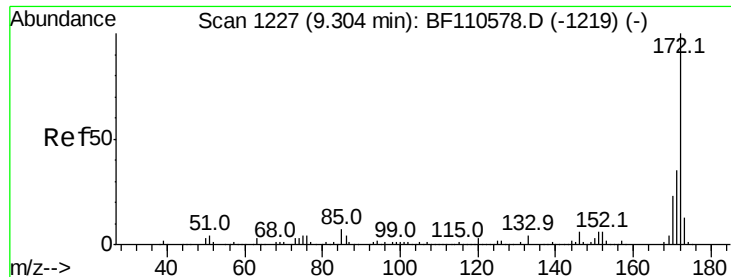
Abundance

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





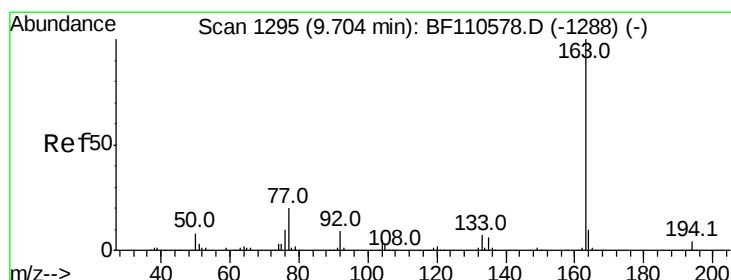
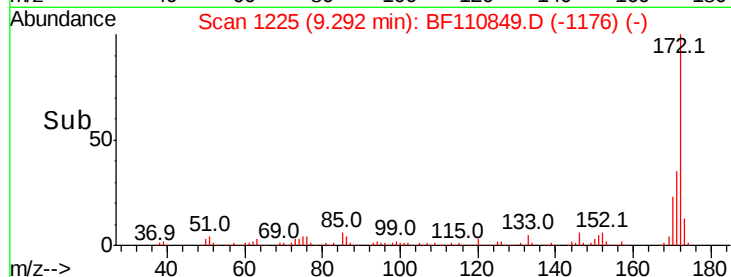
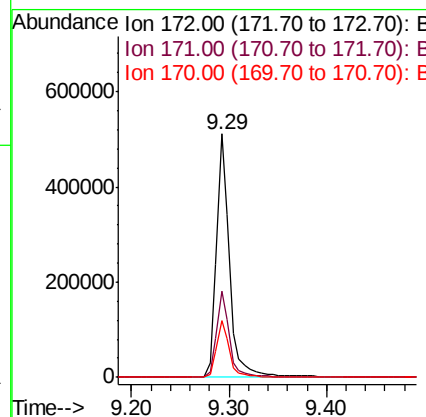
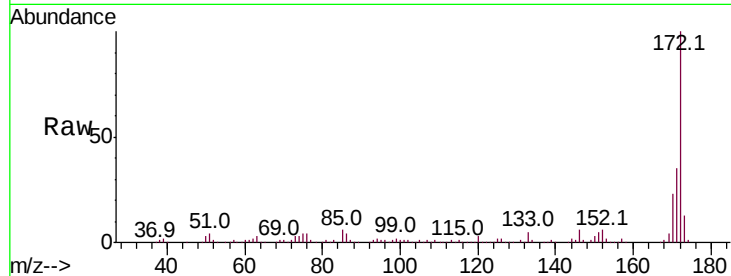
#45
2-Fluorobiphenyl
Concen: 58.638 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110849.D
Acq: 19 Nov 2018 13:31

Instrument :
BNA_F
ClientSampleId :
MMTW-02(10-12)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	480192		
171	35.2		28.6	43.0
170	23.2		19.7	29.5

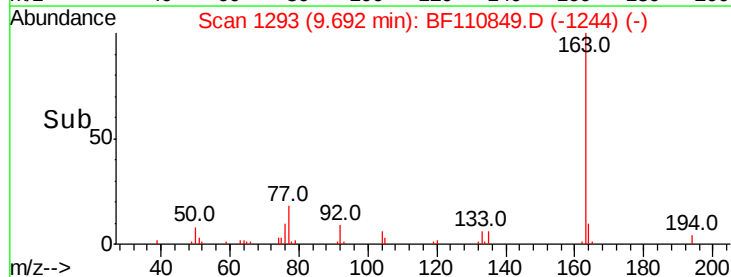
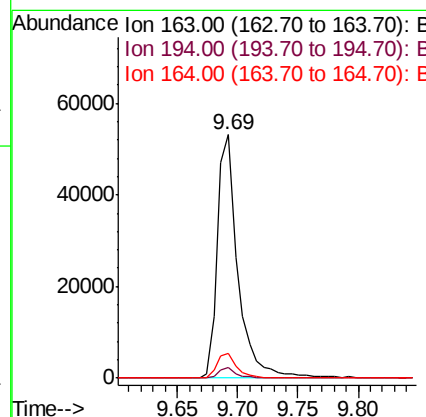
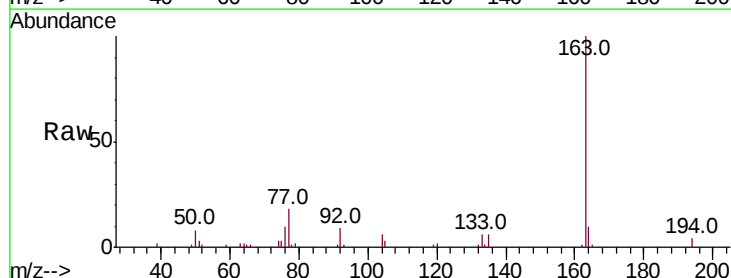
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#50
Dimethylphthalate
Concen: 7.110 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110849.D
Acq: 19 Nov 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	62051		
194	4.2		3.2	4.8
164	9.9		8.1	12.1





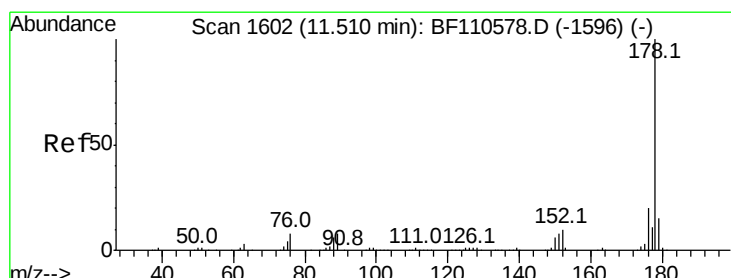
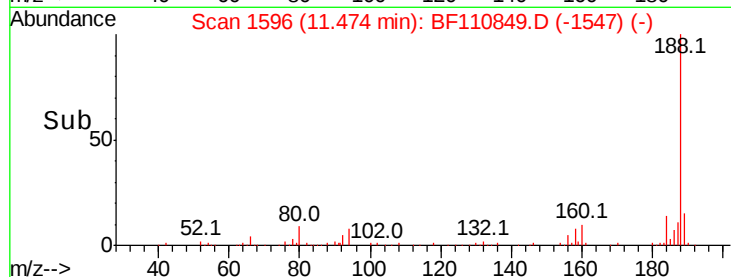
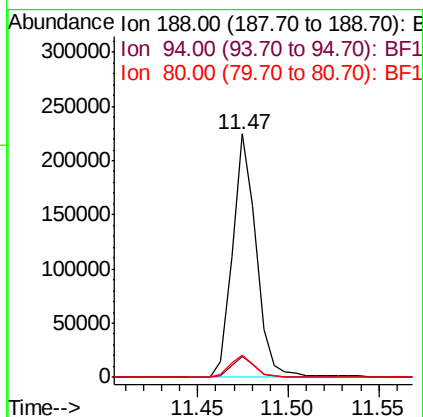
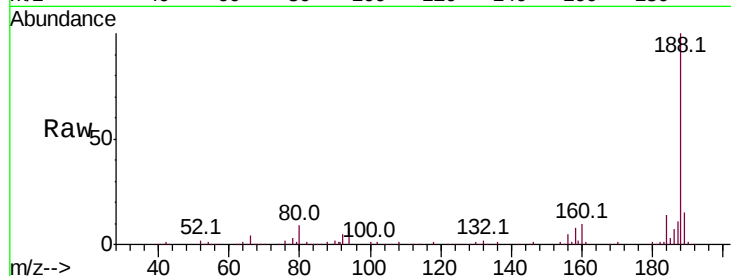
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110849.D
Acq: 19 Nov 2018 13:31

Instrument :
BNA_F
ClientSampleId :
MMTW-02(10-12)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.3	7.9	11.9

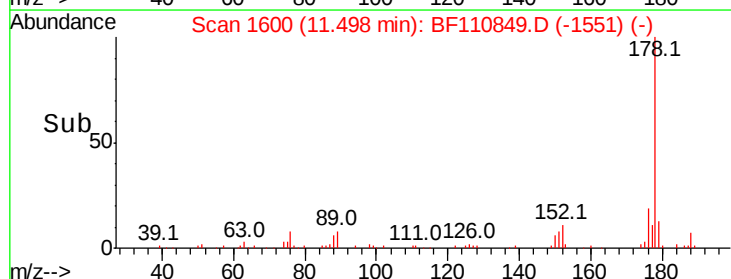
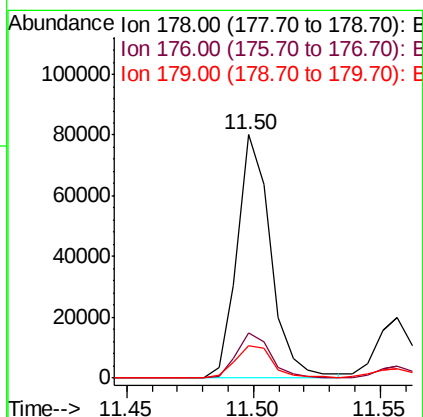
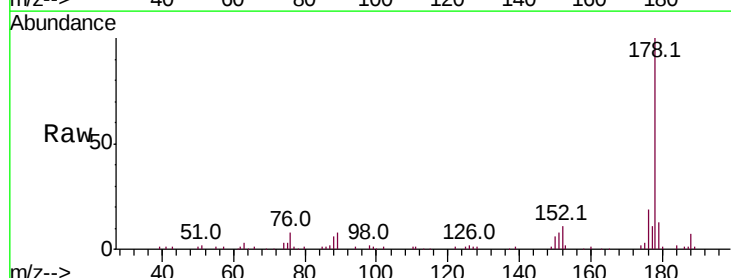
Manual Integrations
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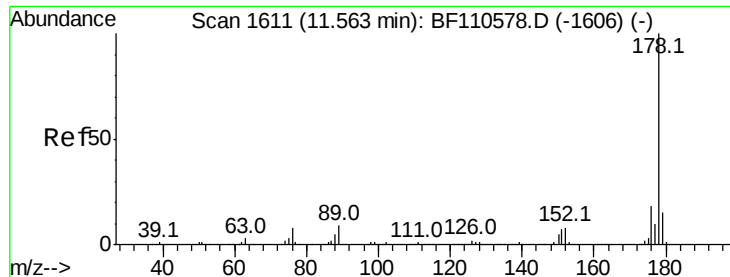
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#71
Phenanthrene
Concen: 6.752 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF110849.D
Acq: 19 Nov 2018 13:31

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.6	15.5	23.3
179	13.4	12.5	18.7





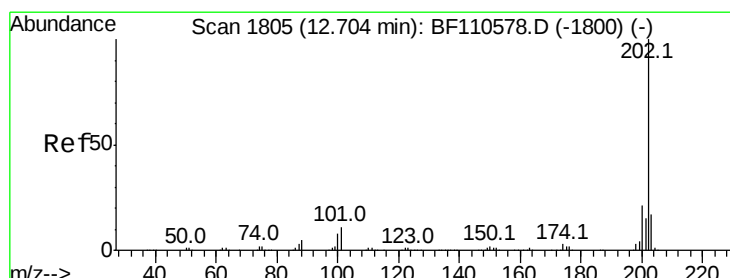
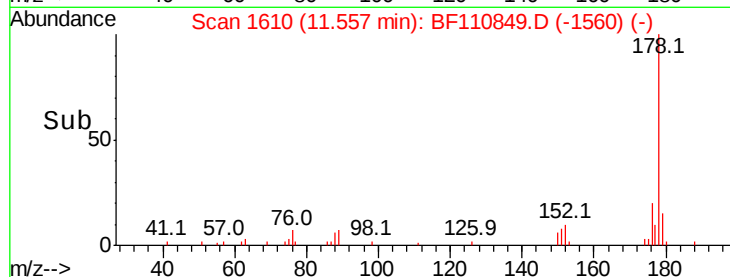
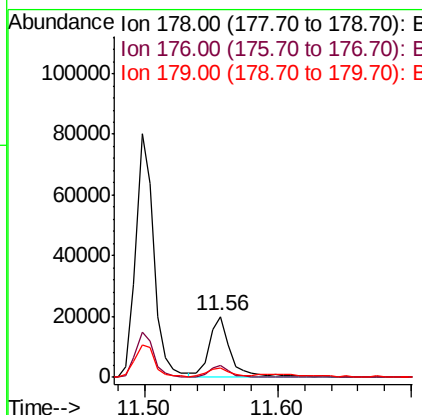
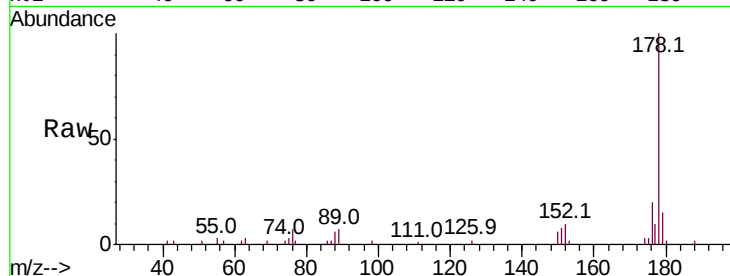
#72
 Anthracene
 Concen: 2.083 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF110849.D
 Acq: 19 Nov 2018 13:31

Instrument :
 BNA_F
 ClientSampleId :
 MMTW-02(10-12)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.0	12.6	18.8

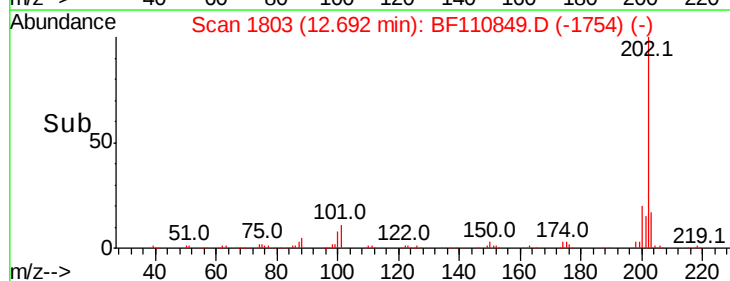
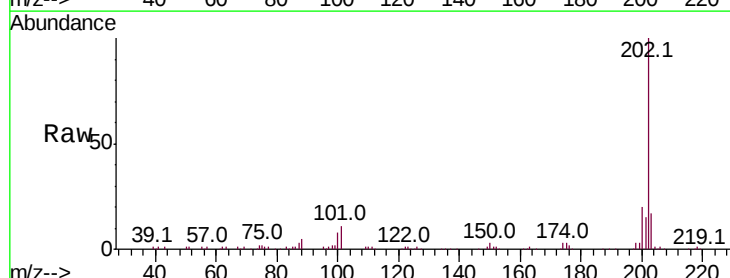
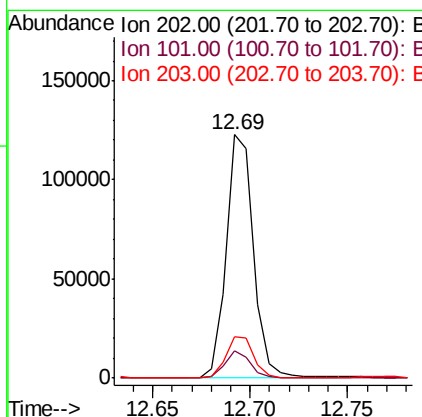
Manual Integrations
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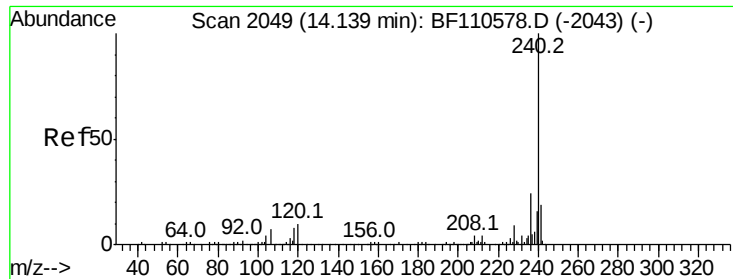
Sohil
 11/20/2018 11:07:24 AM



#75
 Fluoranthene
 Concen: 10.784 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF110849.D
 Acq: 19 Nov 2018 13:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.4
203	17.2	0.0	37.7





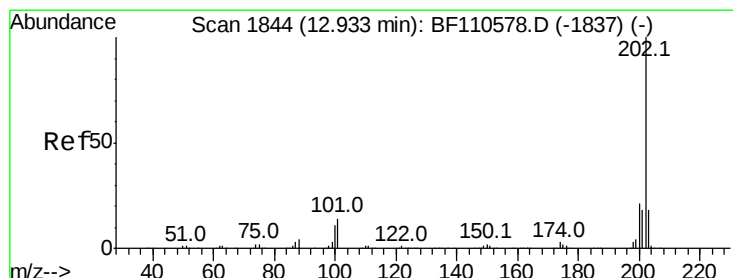
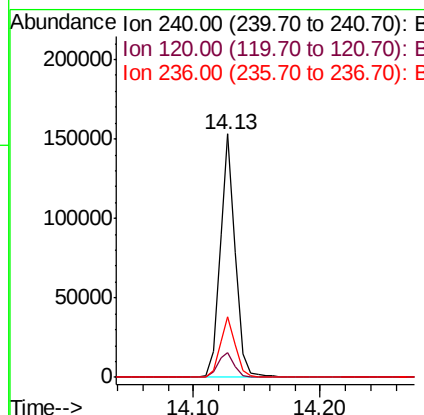
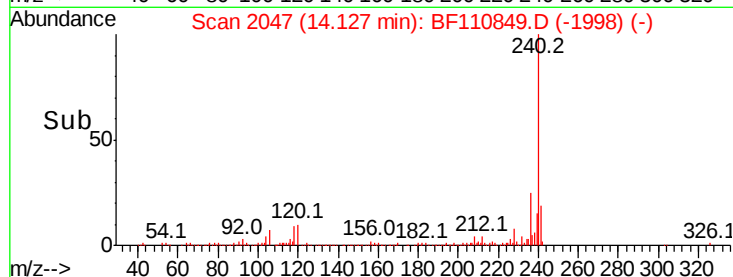
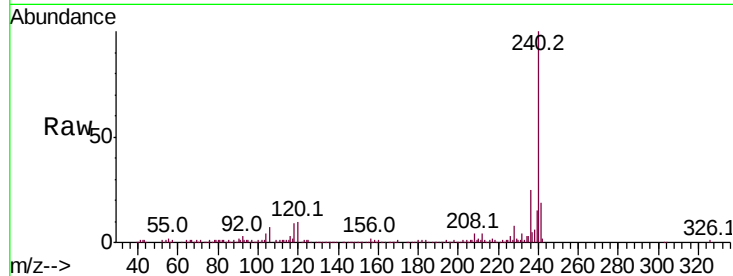
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110849.D
Acq: 19 Nov 2018 13:31

Instrument :
BNA_F
ClientSampleId :
MMTW-02(10-12)

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	24.9	21.2	31.8

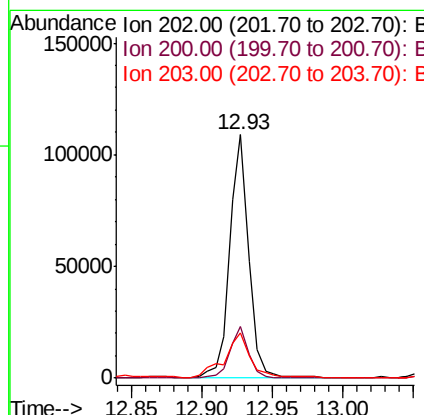
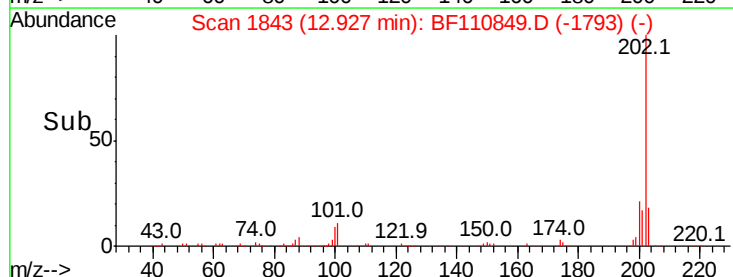
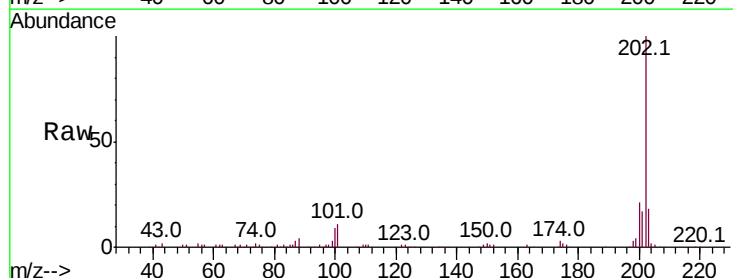
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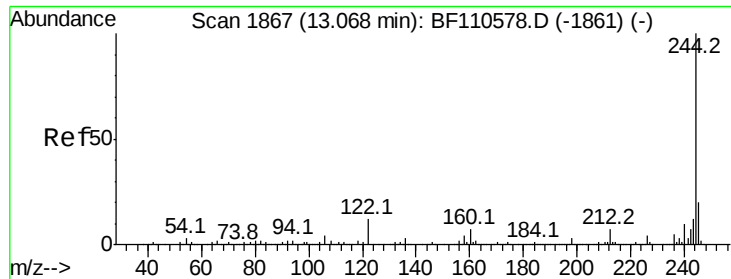
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#78
Pyrene
Concen: 10.452 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110849.D
Acq: 19 Nov 2018 13:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	18.5	14.2	21.4





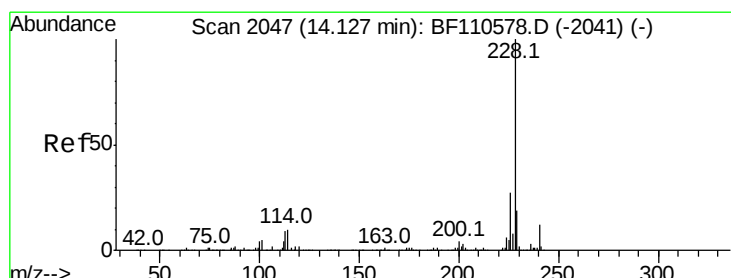
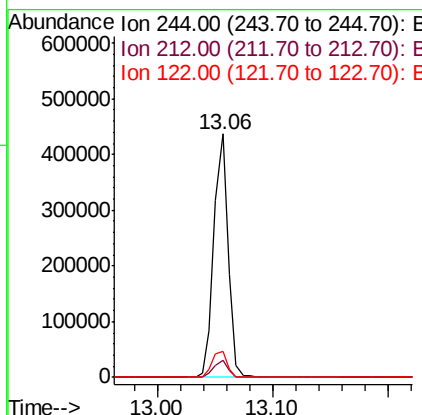
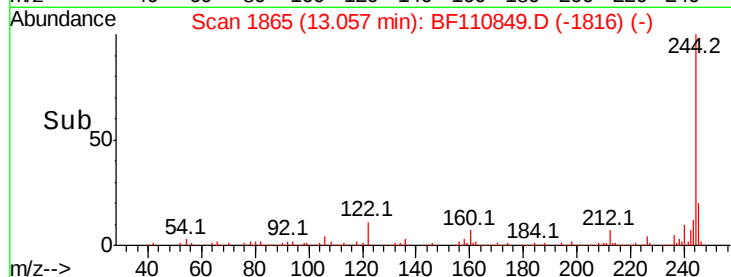
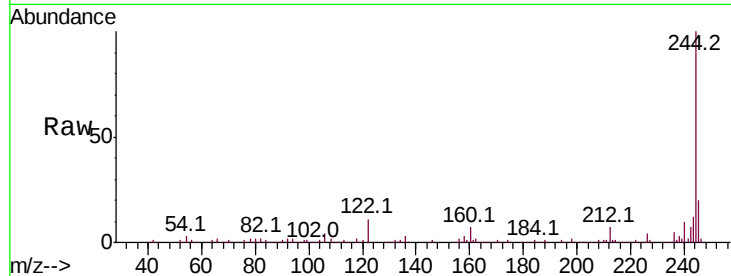
#79
 Terphenyl-d14
 Concen: 55.019 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110849.D
 Acq: 19 Nov 2018 13:31

Instrument :
 BNA_F
 ClientSampleId :
 MMTW-02(10-12)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.9	8.7	13.1

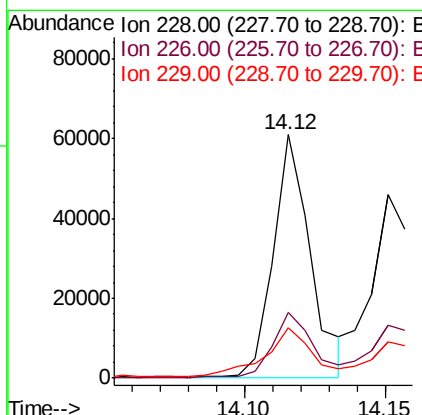
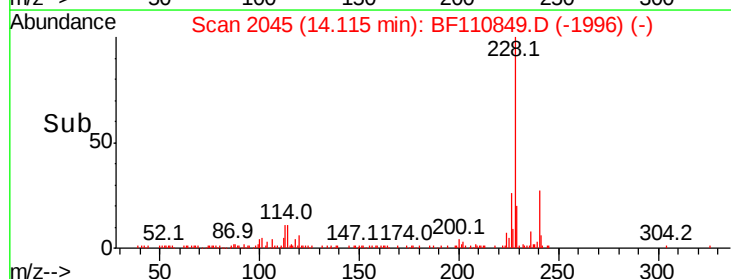
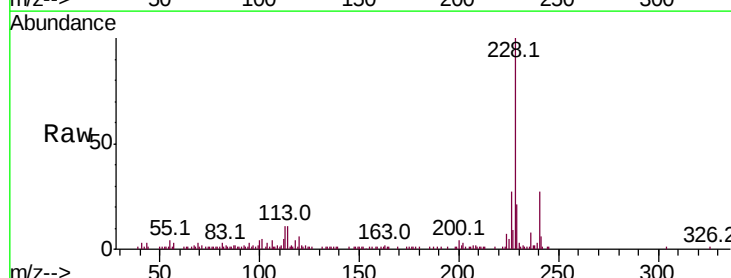
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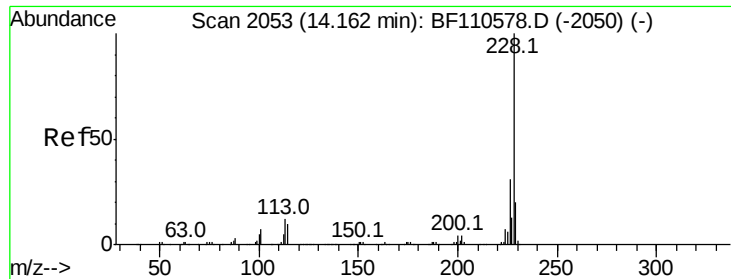
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#81
 Benzo(a)anthracene
 Concen: 7.331 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF110849.D
 Acq: 19 Nov 2018 13:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	20.7	15.6	23.4





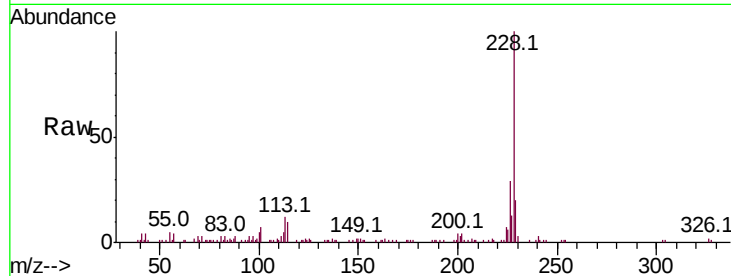
#83
Chrysene
Concen: 6.662 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110849.D
Acq: 19 Nov 2018 13:31

Instrument :
BNA_F
ClientSampleId :
MMTW-02(10-12)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.7	37.1
229	19.7	15.9	23.9

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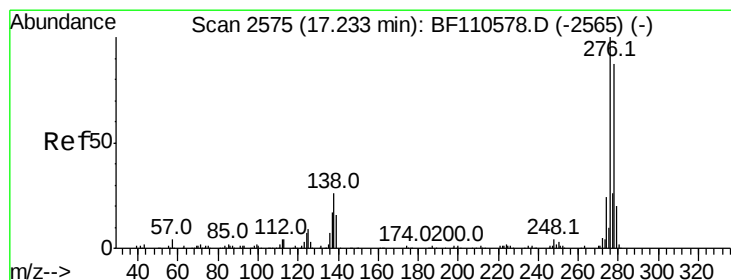
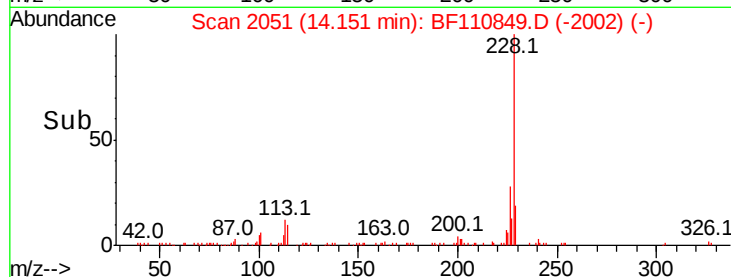
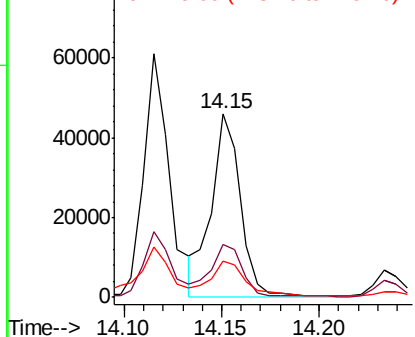


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86
Indeno(1,2,3-cd)pyrene
Concen: 6.185 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.00 min
Lab File: BF110849.D
Acq: 19 Nov 2018 13:31

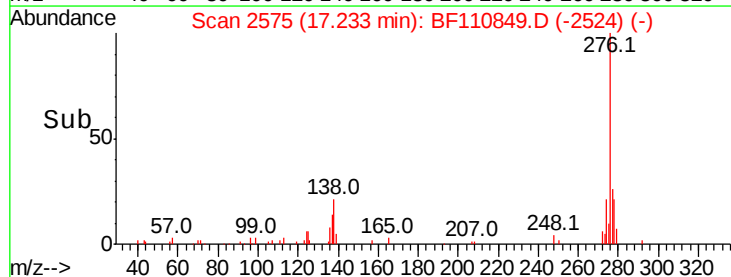
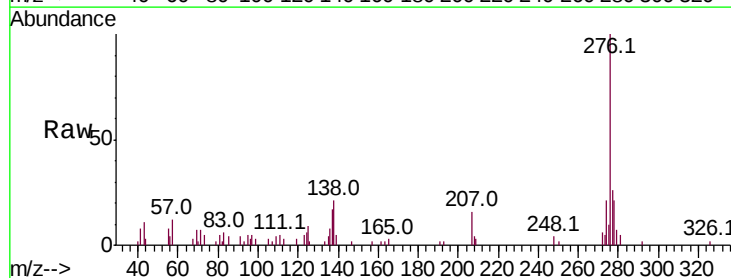
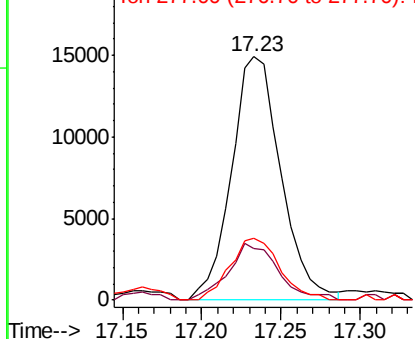
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	18.5	27.7
277	25.4	20.0	30.0

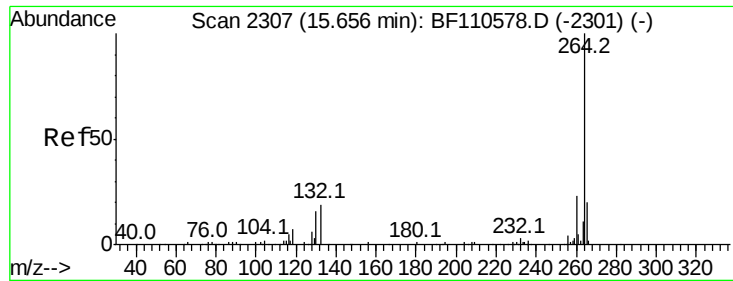
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





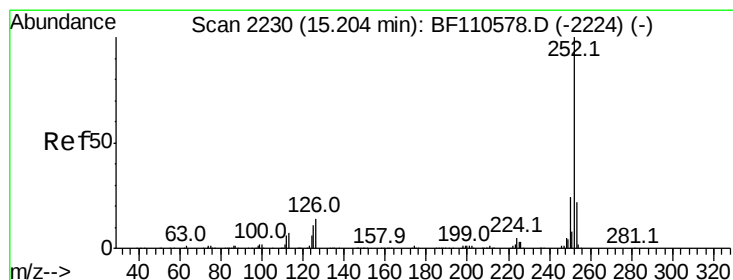
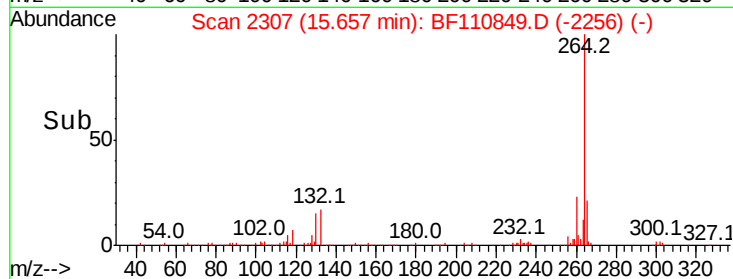
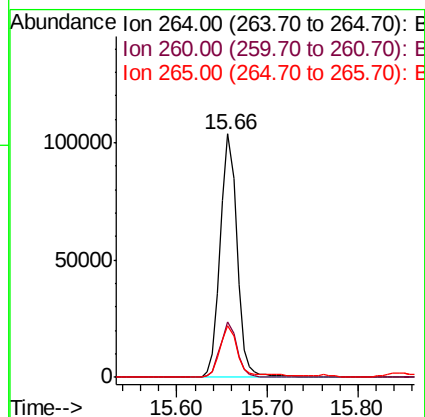
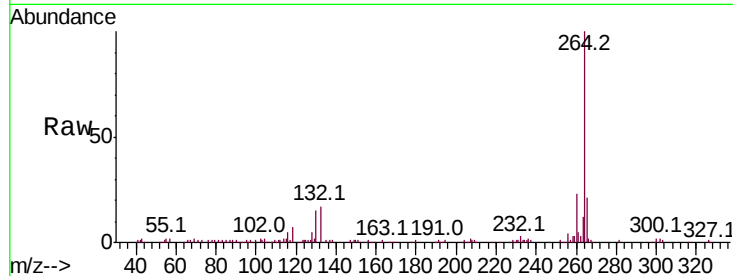
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110849.D
 Acq: 19 Nov 2018 13:31

Instrument :
 BNA_F
 ClientSampleId :
 MMTW-02(10-12)

Tot Ion:	264	Resp:	133580
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.7	28.1
265	21.1	16.7	25.1

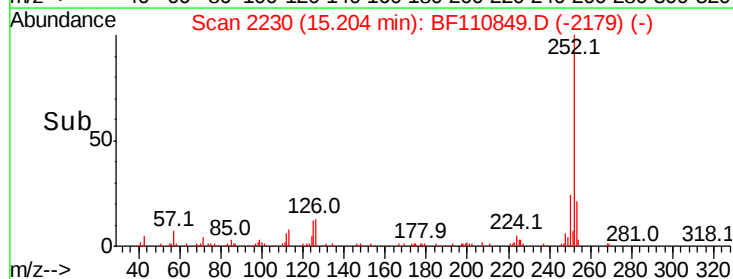
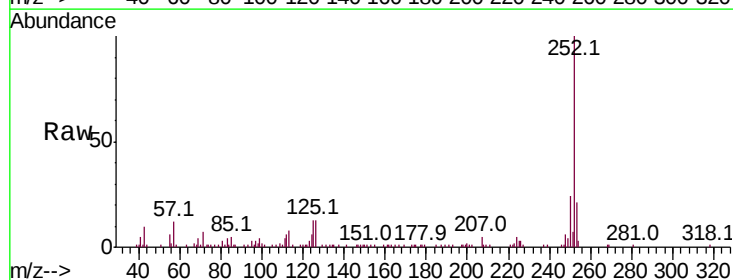
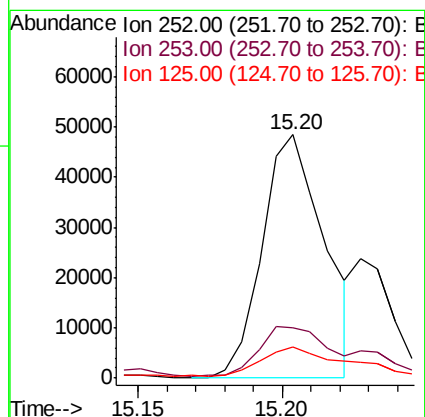
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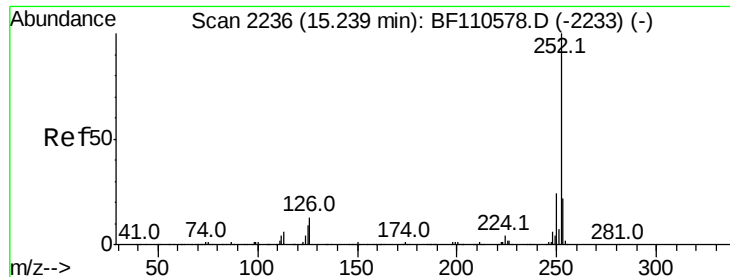
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#88
 Benzo(b)fluoranthene
 Concen: 9.107 ng m
 RT: 15.20 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BF110849.D
 Acq: 19 Nov 2018 13:31

Tgt Ion:	252	Resp:	72772
Ion Ratio	Lower	Upper	
252	100		
253	20.7	17.2	25.8
125	12.6	8.2	12.4#





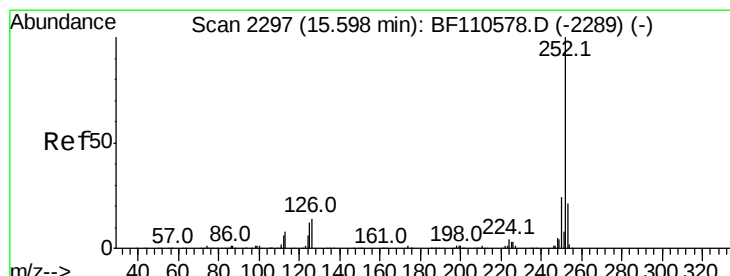
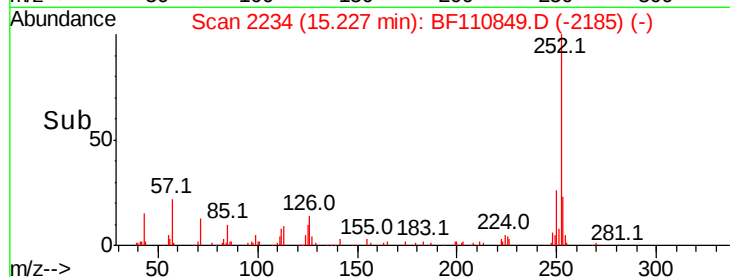
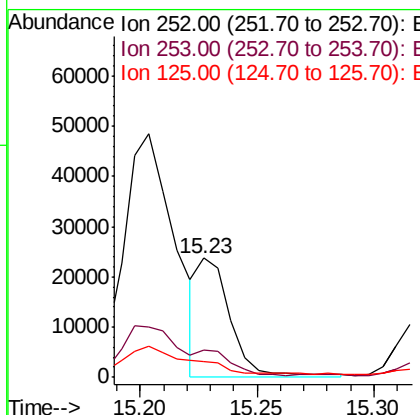
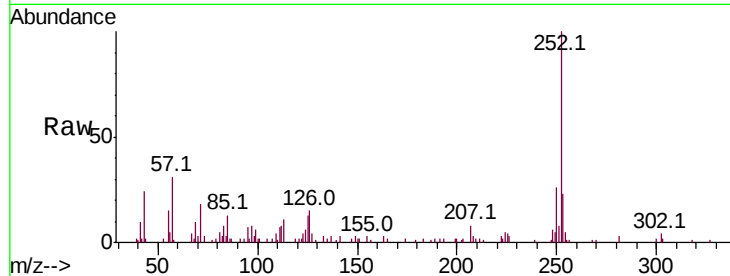
#89
Benzo(k)fluoranthene
Concen: 2.935 ng m
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110849.D
Acq: 19 Nov 2018 13:31

Instrument :
BNA_F
ClientSampleId :
MMTW-02(10-12)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	12.8	7.4	11.0

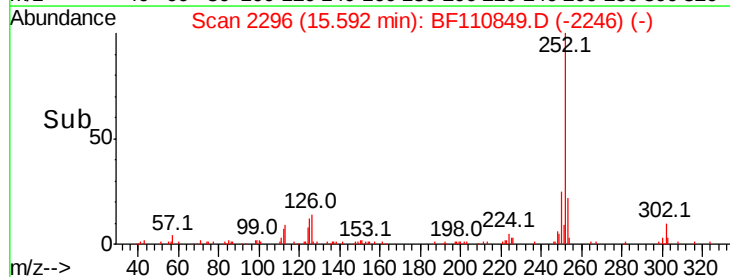
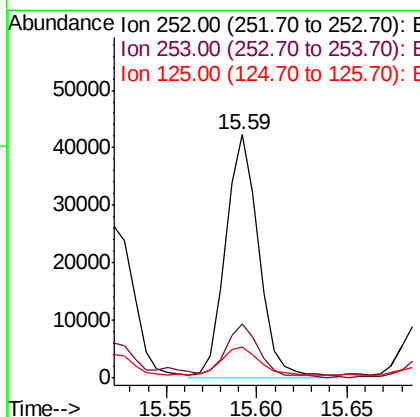
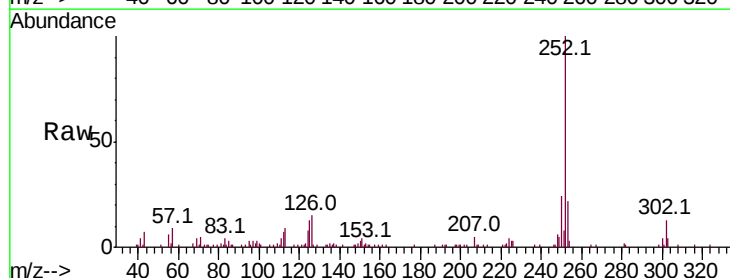
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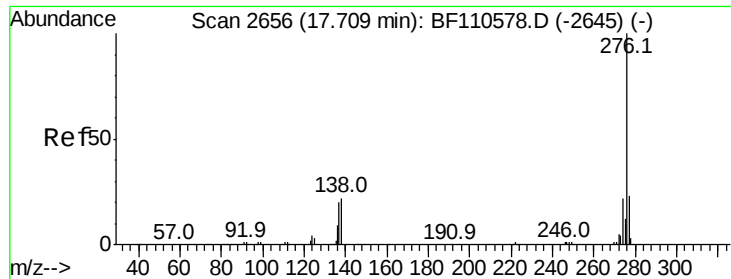
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#90
Benzo(a)pyrene
Concen: 7.475 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110849.D
Acq: 19 Nov 2018 13:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	13.0	9.0	13.6





#92
 Benzo(a,h,i)perylene
 Concen: 4.838 ng
 RT: 17.72 min Scan# 2657
 Delta R.T. 0.01 min
 Lab File: BF110849.D
 Acq: 19 Nov 2018 13:31

Instrument :
 BNA_F
 ClientSampleId :
 MMTW-02(10-12)

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	22.3	16.0	24.0

Manual Integrations
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