

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117764.D
 Acq On : 12 Nov 2019 17:22
 Operator : JU
 Sample : K5788-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
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mohammad
 11/13/2019 6:48:31 PM

Quant Time: Nov 13 03:42:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 13:32:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	278266	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1043971	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	509056	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	829343	20.00	ng	0.00
76) Chrysene-d12	14.12	240	634758	20.00	ng	0.00
87) Perylene-d12	15.63	264	756226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1374350	89.40	ng	0.00
7) Phenol-d6	6.55	99	1696707	89.51	ng	0.00
23) Nitrobenzene-d5	7.49	82	1049360	59.34	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	420501	84.44	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	1924009	74.57	ng	0.00
79) Terphenyl-d14	13.06	244	1776823	57.62	ng	0.00
Target Compounds						
10) Phenol	6.55	94	89021	4.359	ng	85
50) Dimethylphthalate	9.68	163	239371	6.956	ng	97
71) Phenanthrene	11.49	178	84770	2.132	ng	96
75) Fluoranthene	12.68	202	261481	6.442	ng	97
78) Pyrene	12.91	202	238488	5.147	ng	95
81) Benzo(a)anthracene	14.10	228	155900	3.946	ng	98
83) Chrysene	14.14	228	148262	3.800	ng	97
86) Indeno(1,2,3-cd)pyrene	17.15	276	92080	2.535	ng	95
88) Benzo(b)fluoranthene	15.17	252	199064m	4.180	ng	
90) Benzo(a)pyrene	15.56	252	142307	3.447	ng	# 95
92) Benzo(g,h,i)perylene	17.62	276	84419	2.352	ng	96

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

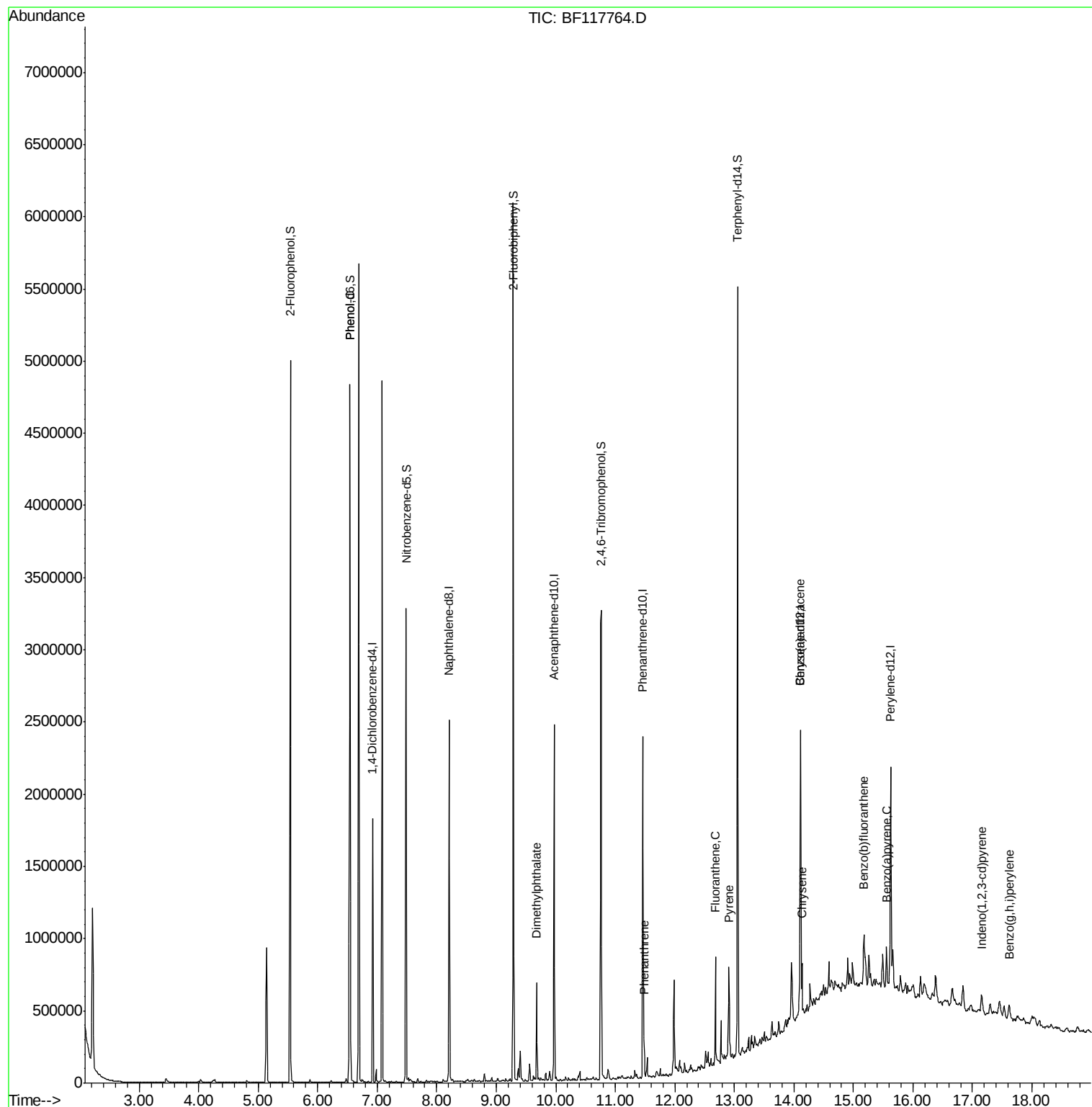
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
Data File : BF117764.D
Acq On : 12 Nov 2019 17:22
Operator : JU
Sample : K5788-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

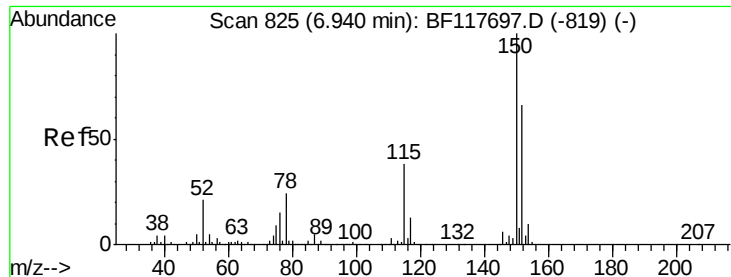
Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Time: Nov 13 03:42:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 12 13:32:26 2019
Response via : Initial Calibration

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#1

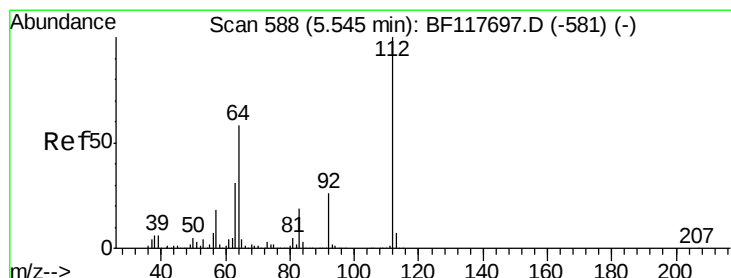
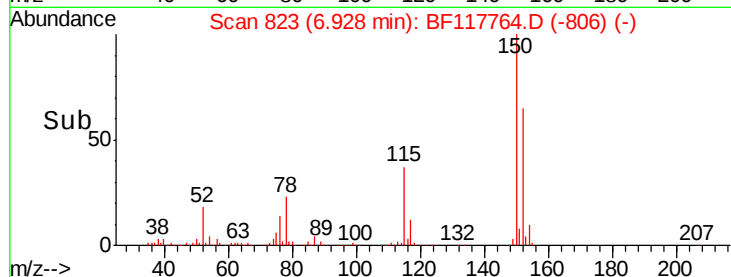
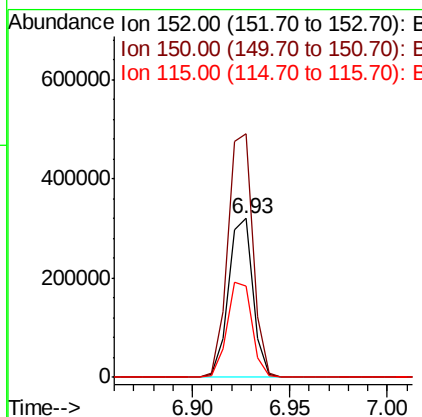
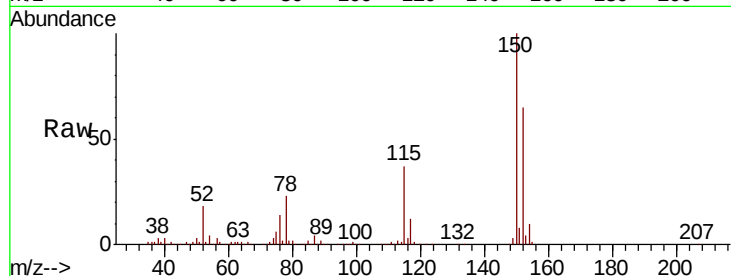
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF117764.D
Acq: 12 Nov 2019 17:22

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.6	190.0
115	57.3	47.6	71.4

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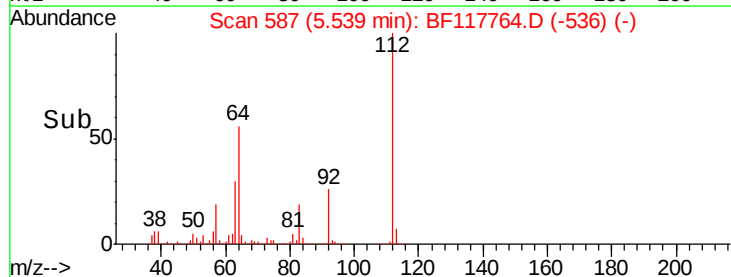
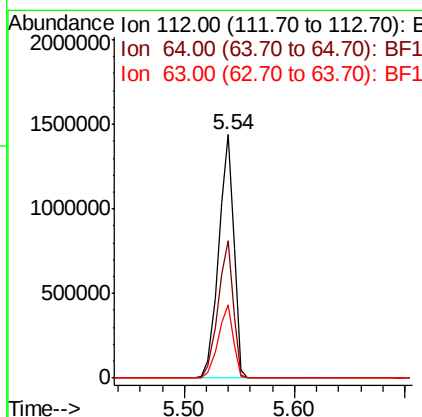
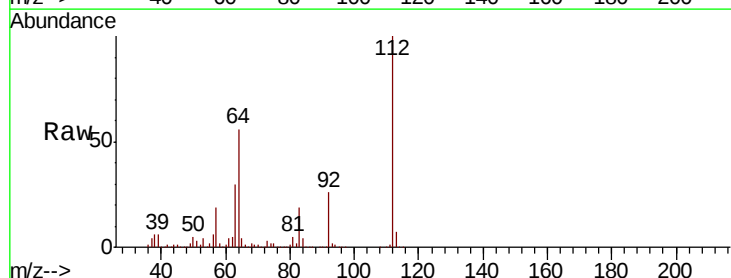
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#5

2-Fluorophenol
Concen: 89.403 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF117764.D
Acq: 12 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	43.5	65.3
63	30.3	23.5	35.3





#7

Phenol-d6

Concen: 89.514 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117764.D

Acq: 12 Nov 2019 17:22

Instrument :

BNA_F

ClientSampled :

WC-1

Tot Ion: 99 Resp: 1696707

Ion Ratio Lower Upper

99 100

42 18.6 15.3 22.9

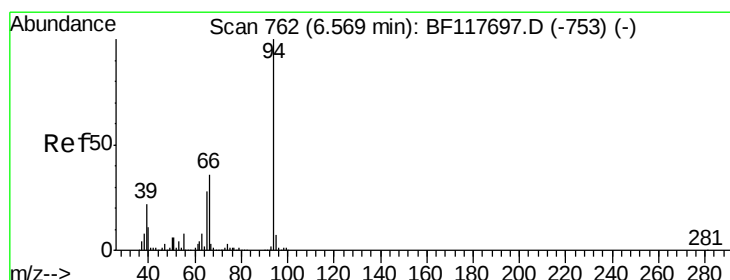
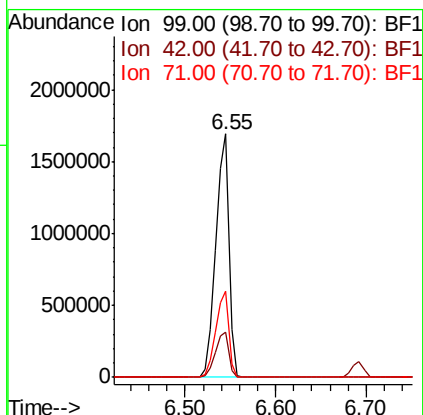
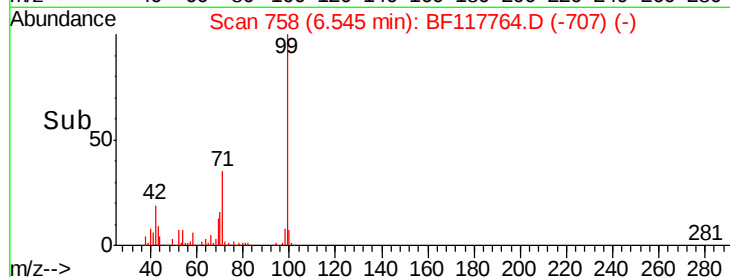
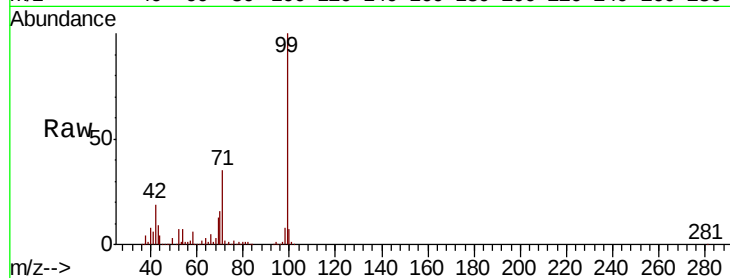
71 35.3 28.2 42.2

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#10

Phenol

Concen: 4.359 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117764.D

Acq: 12 Nov 2019 17:22

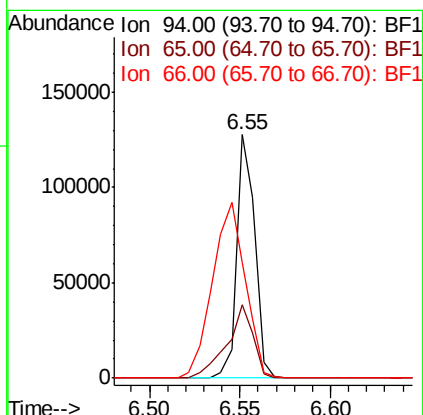
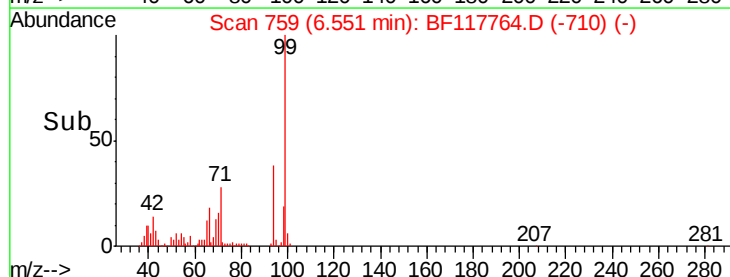
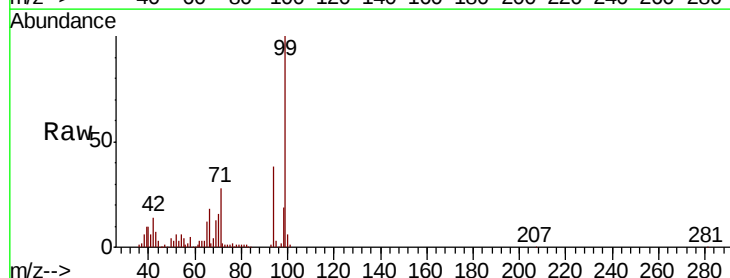
Tgt Ion: 94 Resp: 89021

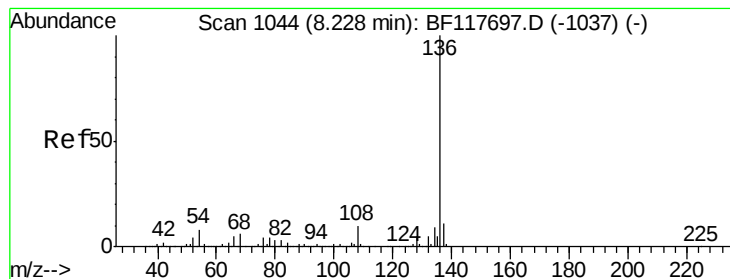
Ion Ratio Lower Upper

94 100

65 30.1 6.4 46.4

66 47.5 14.9 54.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117764.D

Acq: 12 Nov 2019 17:22

Instrument :

BNA_F

ClientSampleId :

WC-1

Tot Ion:136 Resp: 1043971

Ion Ratio Lower Upper

136 100

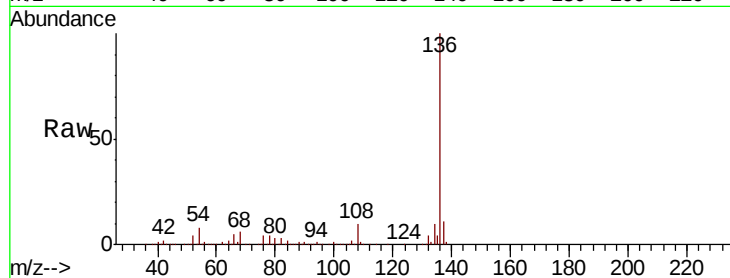
137 11.3 9.0 13.6

54 7.6 6.1 9.1

68 5.8 4.6 7.0

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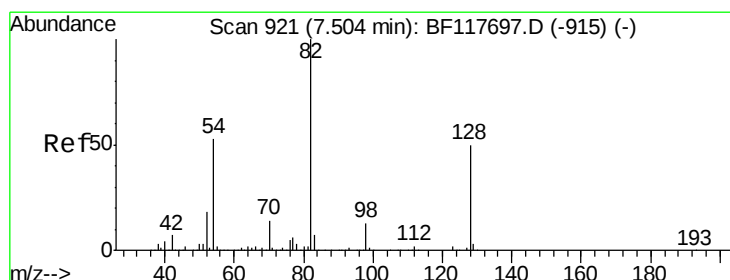
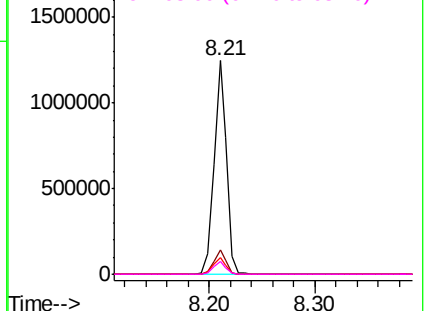
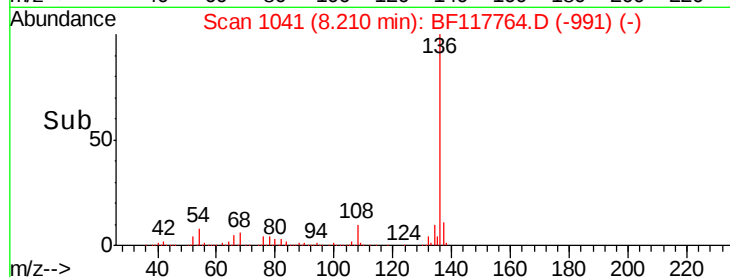


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 59.344 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF117764.D

Acq: 12 Nov 2019 17:22

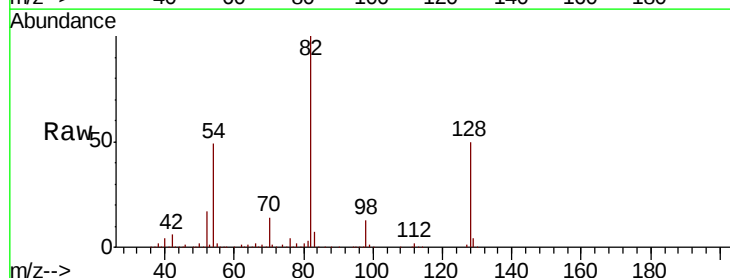
Tgt Ion: 82 Resp: 1049360

Ion Ratio Lower Upper

82 100

128 50.4 38.7 58.1

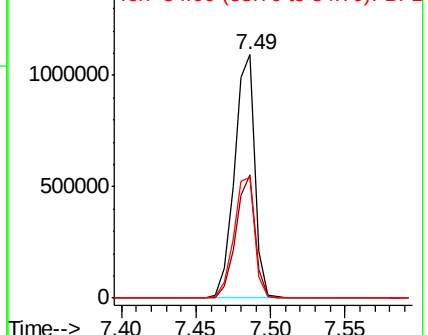
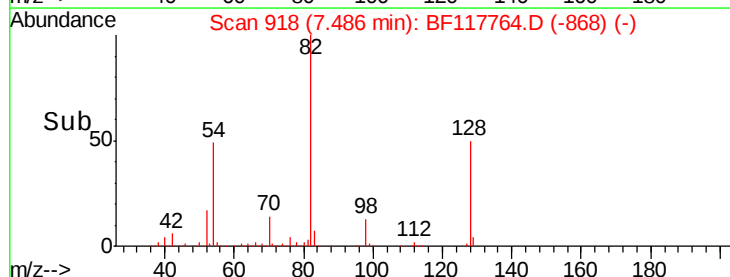
54 49.4 41.4 62.2

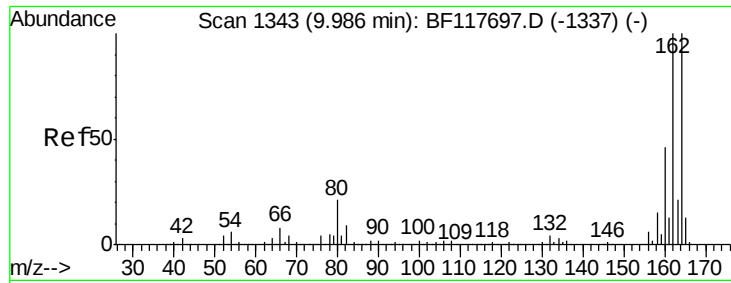


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





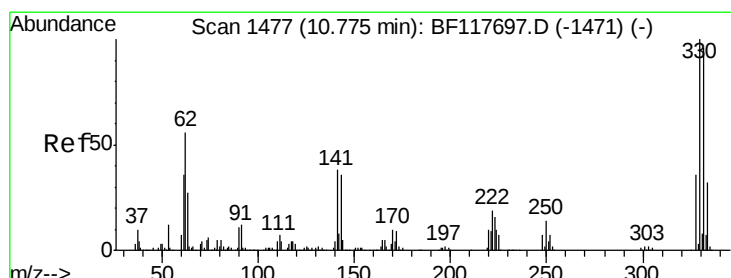
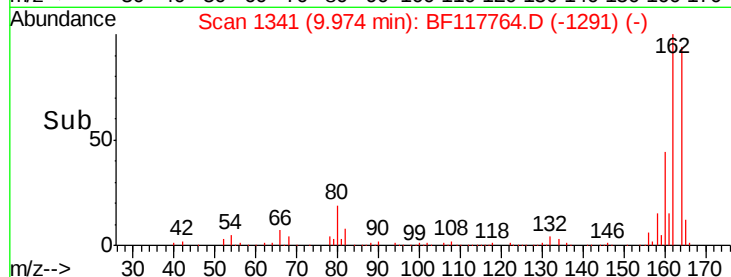
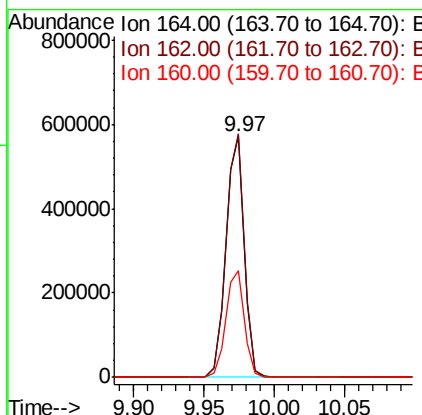
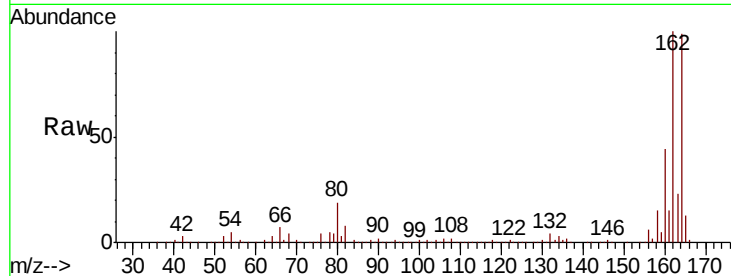
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117764.D
Acq: 12 Nov 2019 17:22

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	81.2	121.8	
160	44.4	36.3	54.5	

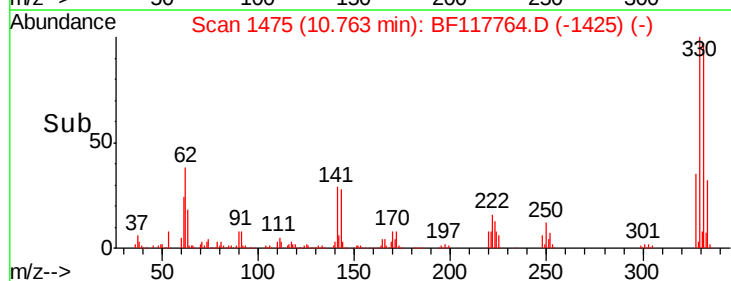
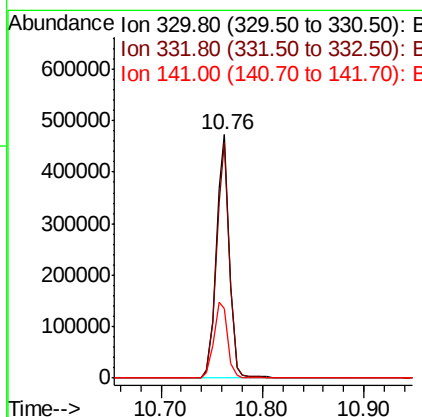
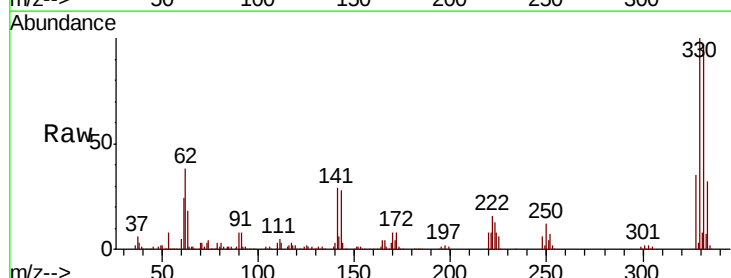
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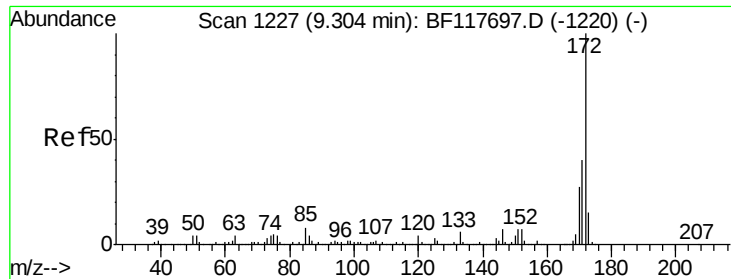
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#42
2,4,6-Tribromophenol
Concen: 84.443 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117764.D
Acq: 12 Nov 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	76.9	115.3	
141	33.8	26.5	39.7	





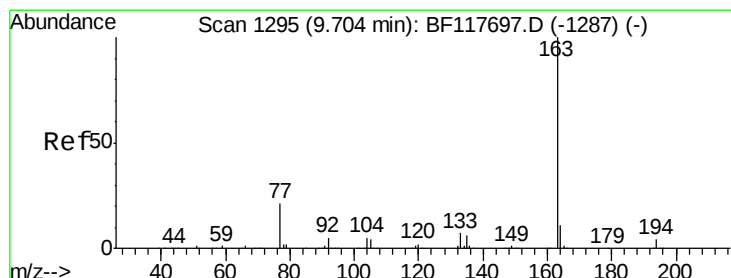
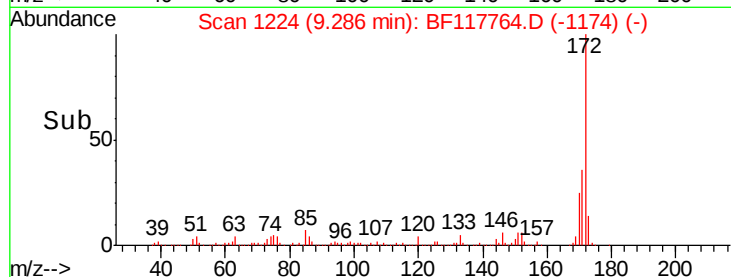
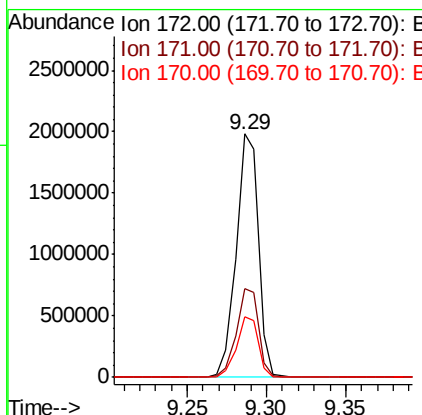
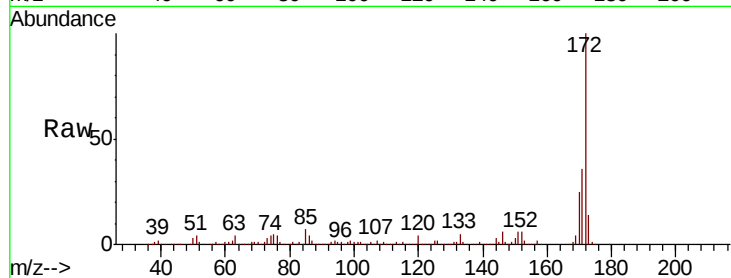
#45
2-Fluorobiphenyl
Concen: 74.571 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117764.D
Acq: 12 Nov 2019 17:22

Instrument :
BNA_F
ClientSampled :
WC-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.7	46.1
170	24.7	20.6	30.8

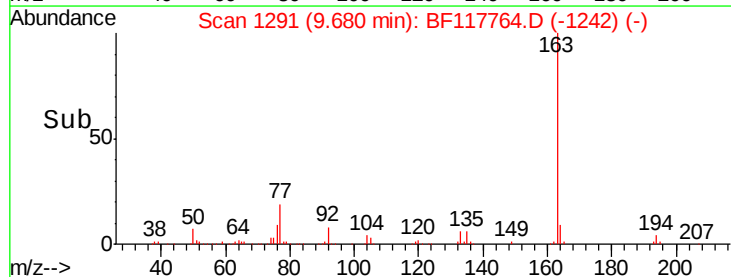
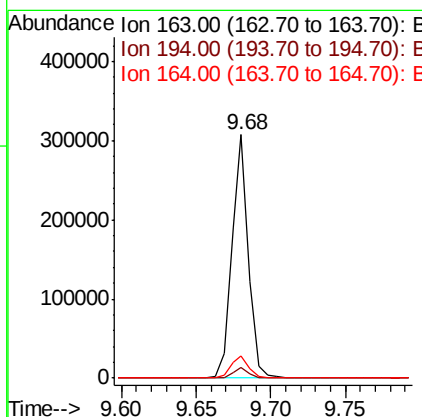
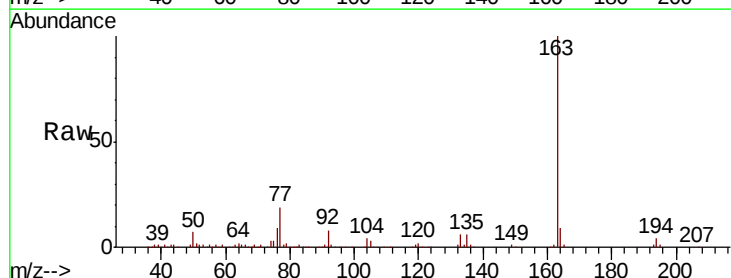
Manual Integrations
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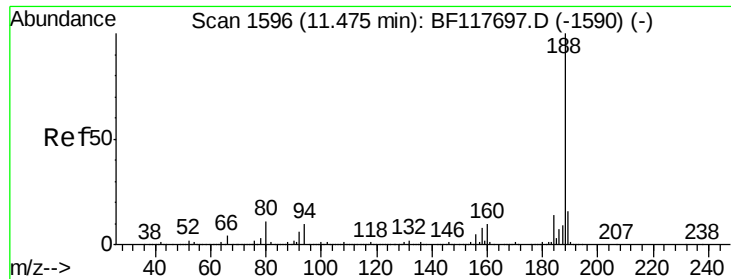
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#50
Dimethylphthalate
Concen: 6.956 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF117764.D
Acq: 12 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	9.2	8.6	13.0





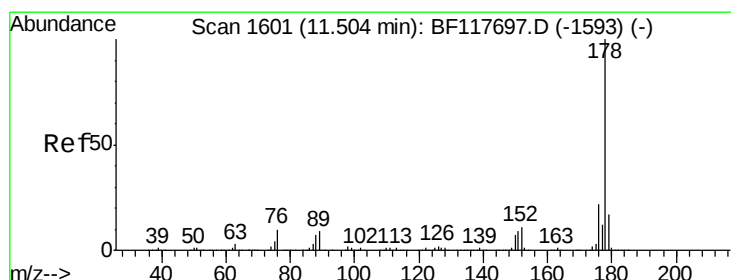
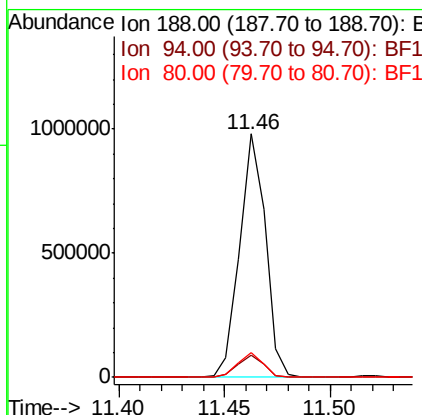
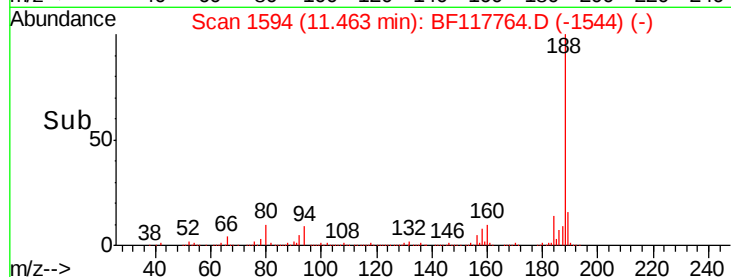
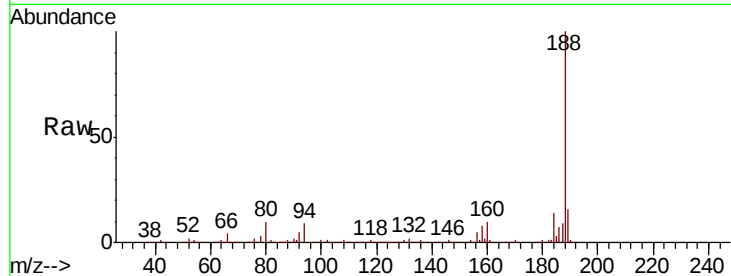
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117764.D
Acq: 12 Nov 2019 17:22

Instrument :
BNA_F
ClientSampled :
WC-1

Tot Ion	Ratio	Resp	Lower	Upper
188	100	829343		
94	9.1		7.4	11.2
80	10.4		8.1	12.1

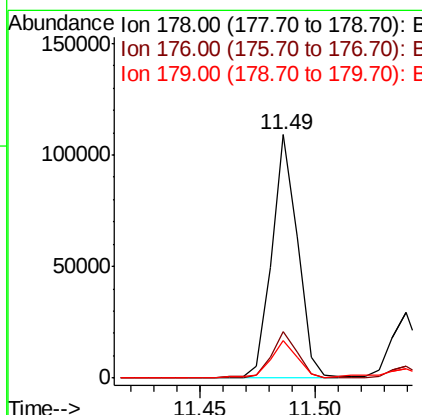
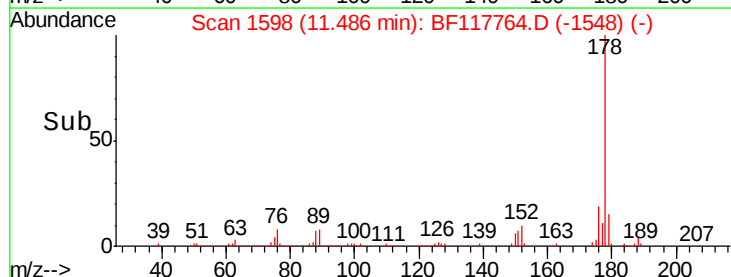
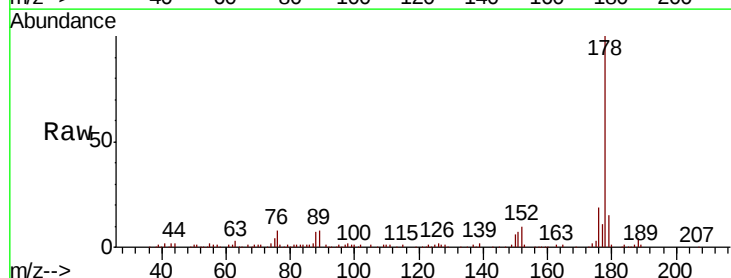
Manual Integrations
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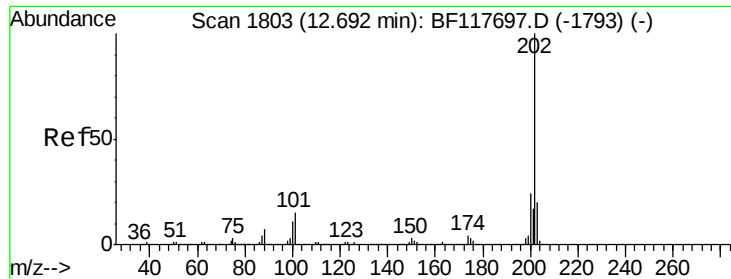
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#71
Phenanthrene
Concen: 2.132 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF117764.D
Acq: 12 Nov 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	84770		
176	19.1		16.8	25.2
179	15.4		13.5	20.3





#75

Fluoranthene

Concen: 6.442 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF117764.D

Acq: 12 Nov 2019 17:22

Instrument :

BNA_F

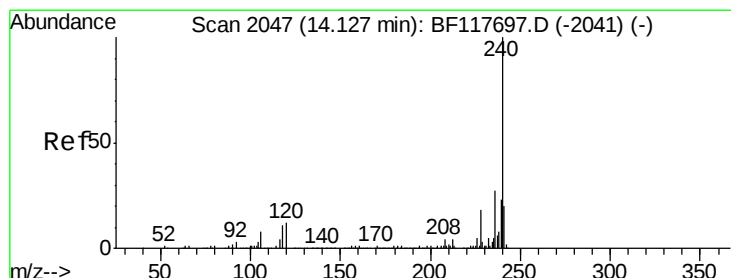
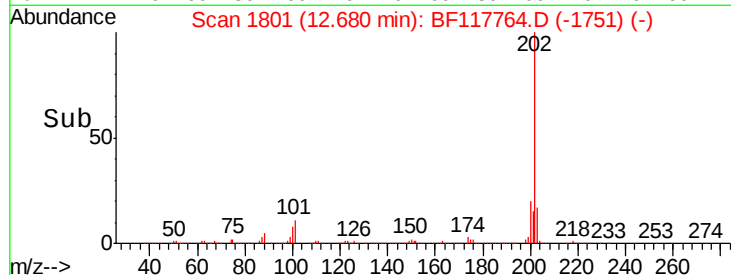
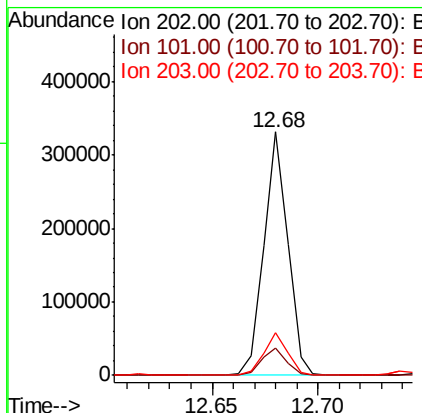
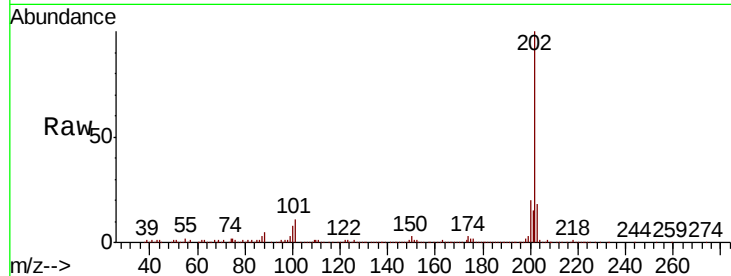
ClientSampleId :

WC-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.0	0.0	32.5		
203	17.6	0.0	38.9		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

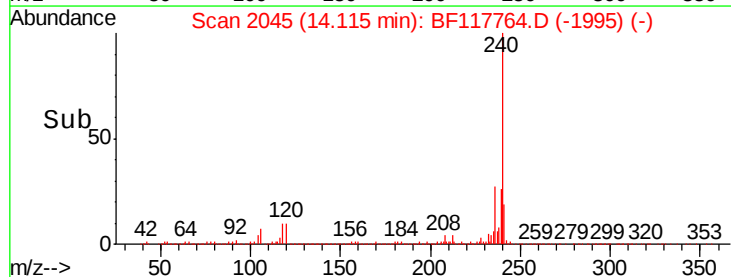
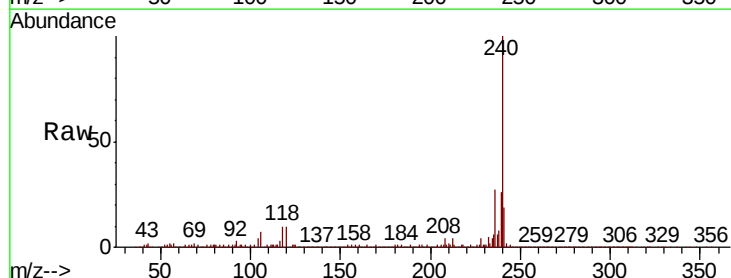
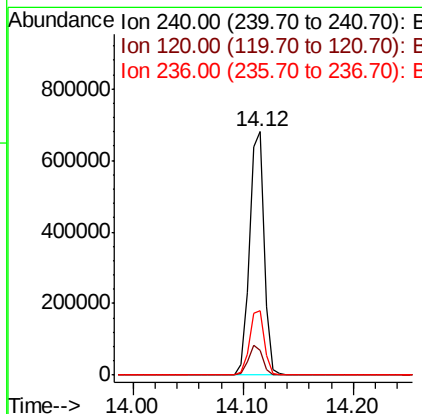
RT: 14.12 min Scan# 2045

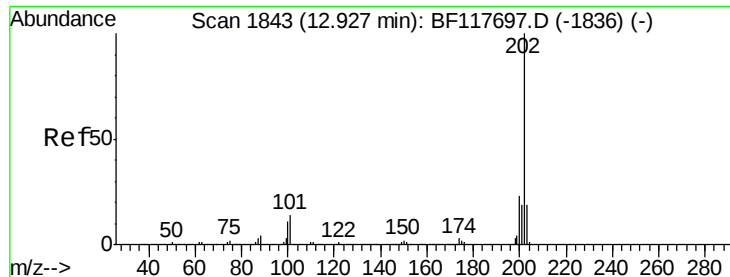
Delta R.T. -0.01 min

Lab File: BF117764.D

Acq: 12 Nov 2019 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	10.1	9.3	13.9		
236	26.6	21.4	32.0		





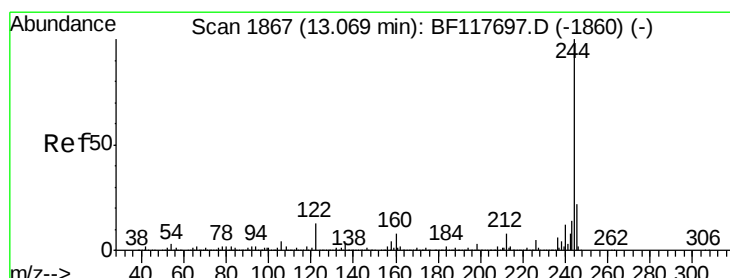
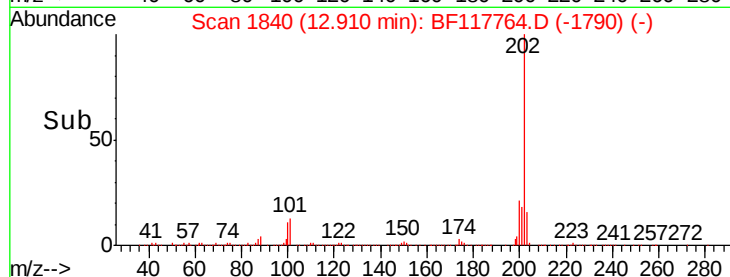
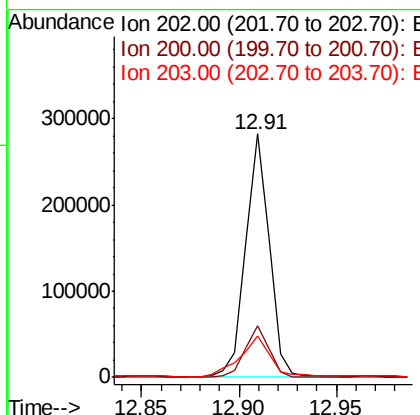
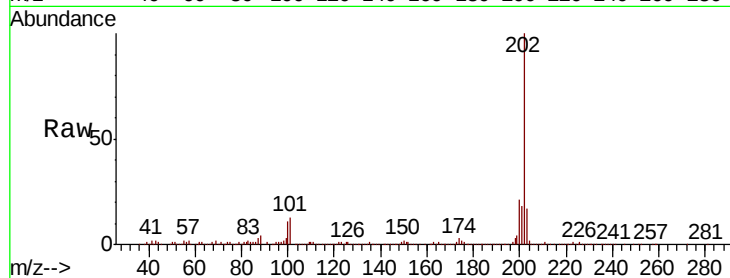
#78
Pvrene
Concen: 5.147 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117764.D
Acq: 12 Nov 2019 17:22

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.9	28.3
203	17.0	15.3	22.9

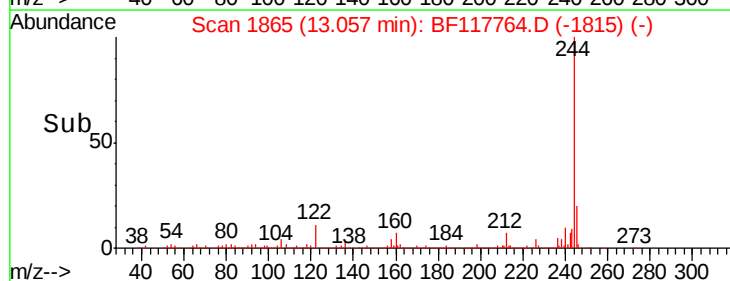
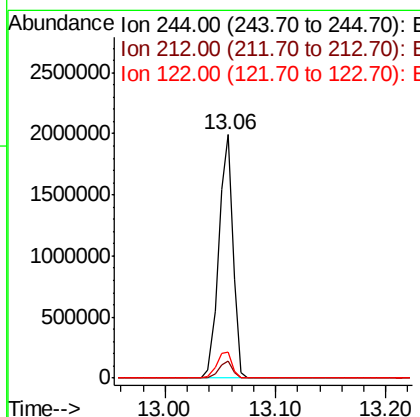
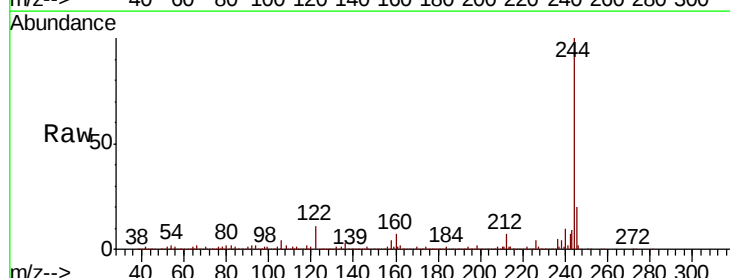
Manual Integrations
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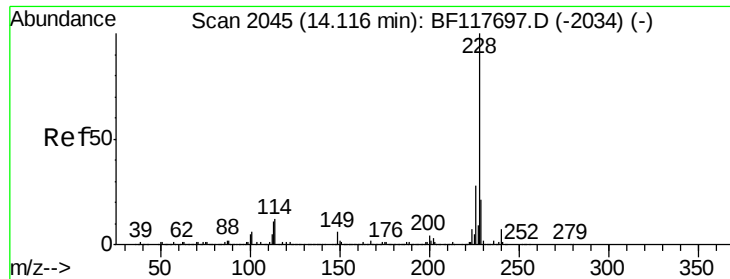
mohammad
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#79
Terphenyl-d14
Concen: 57.624 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF117764.D
Acq: 12 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.4
122	10.9	9.1	13.7





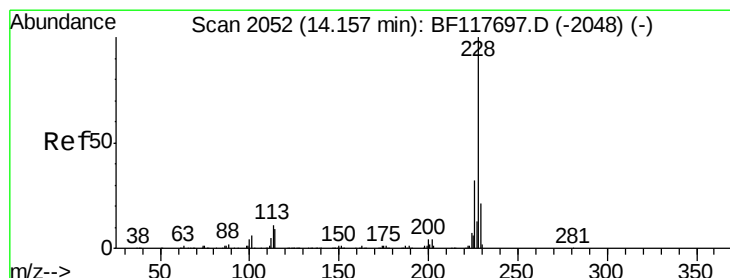
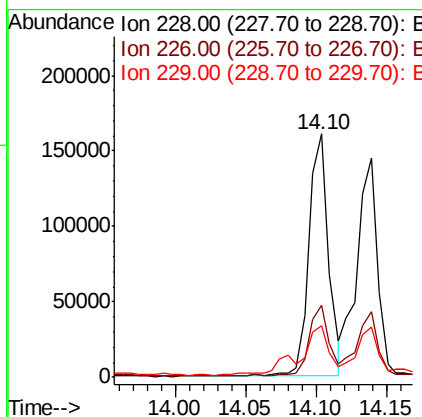
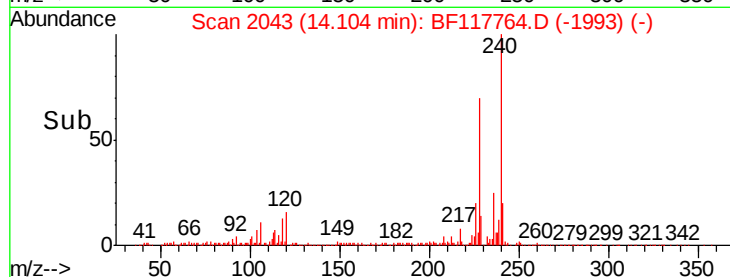
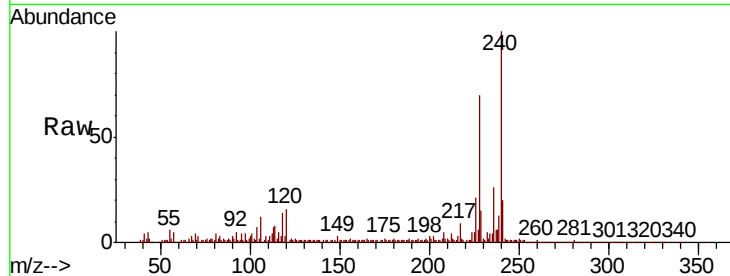
#81
Benzo(a)anthracene
Concen: 3.946 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117764.D
Acq: 12 Nov 2019 17:22

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	21.1	17.0	25.4

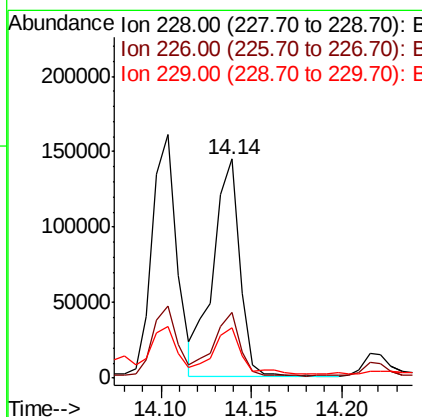
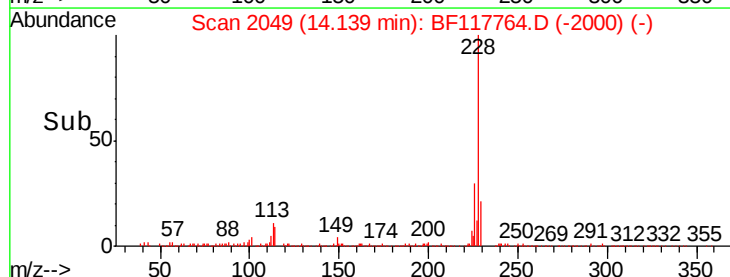
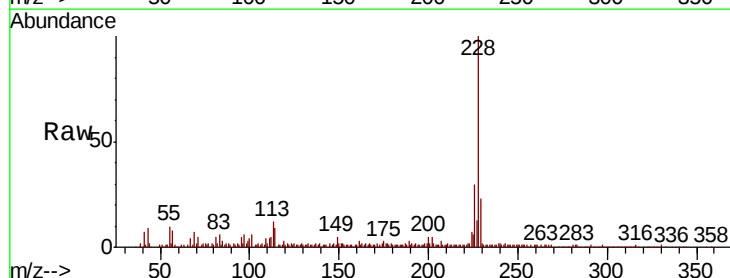
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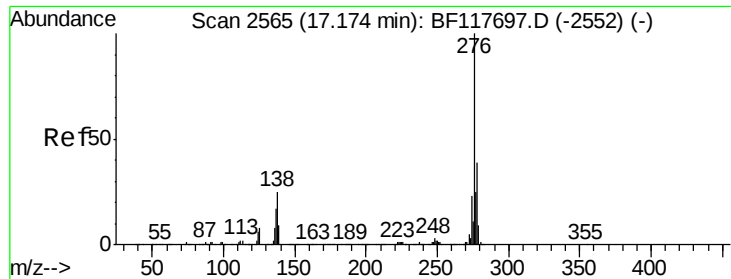
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#83
Chrysene
Concen: 3.800 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF117764.D
Acq: 12 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.1	37.7
229	22.7	16.6	25.0





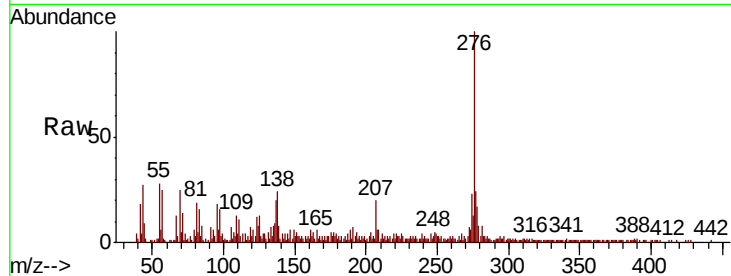
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.535 ng
RT: 17.15 min Scan# 2561
Delta R.T. -0.02 min
Lab File: BF117764.D
Acq: 12 Nov 2019 17:22

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	21.2	31.8
277	23.8	20.1	30.1

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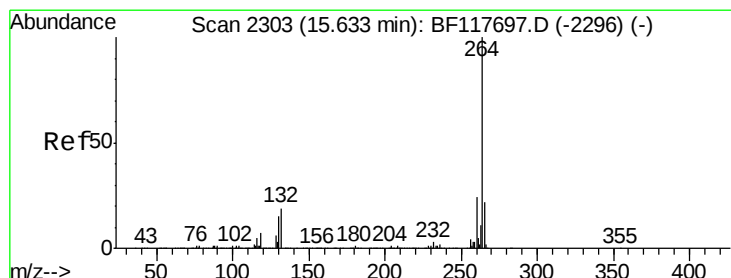
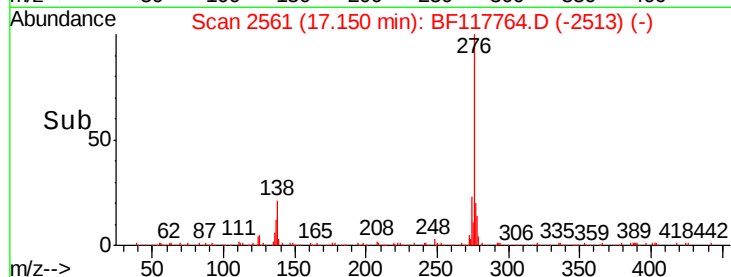
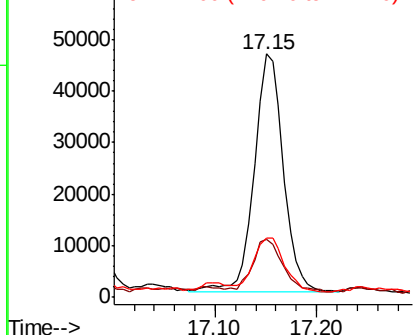


Abundance

Ion 276.00 (275.70 to 276.70): E

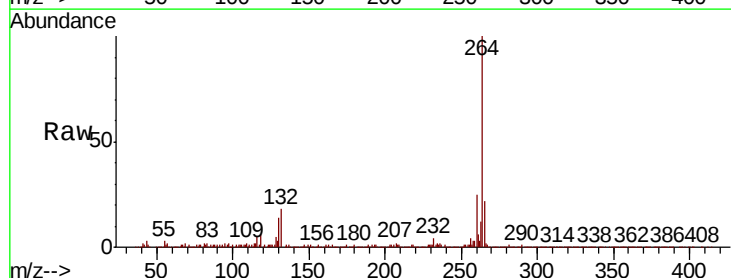
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BF117764.D
Acq: 12 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	22.5	17.2	25.8

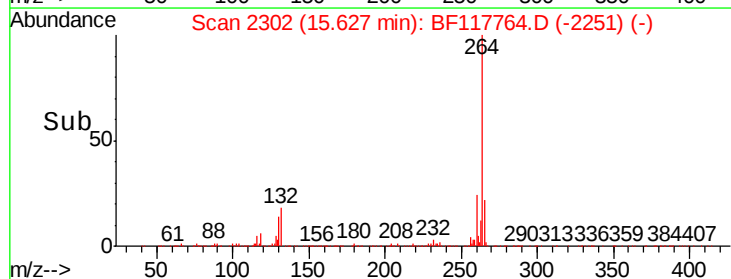
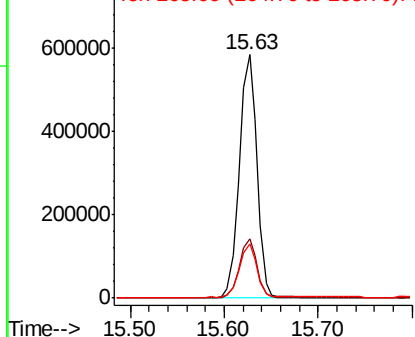


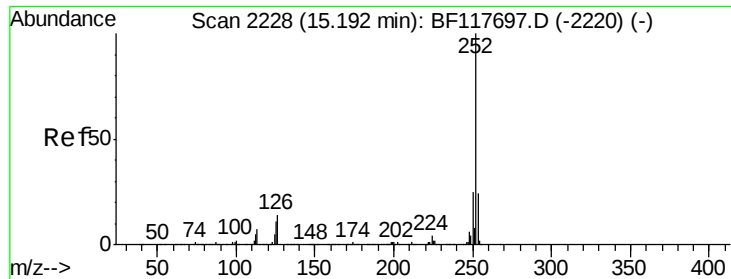
Abundance

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





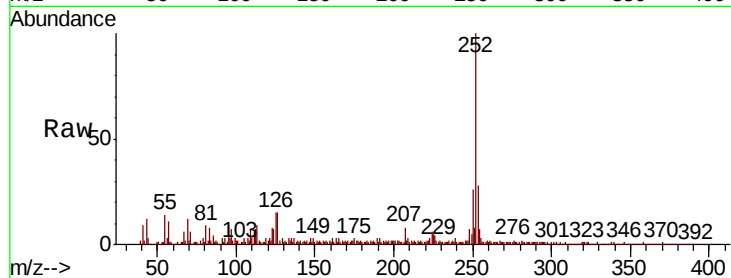
#88
Benzo(b)fluoranthene
Concen: 4.180 ng m
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF117764.D
Acq: 12 Nov 2019 17:22

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.3	27.5#
125	15.0	8.4	12.6#

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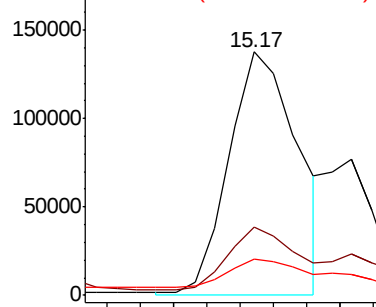


Abundance

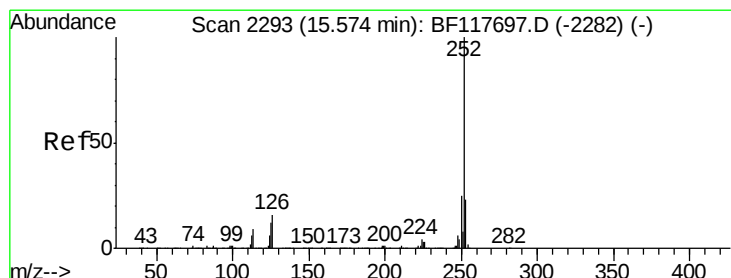
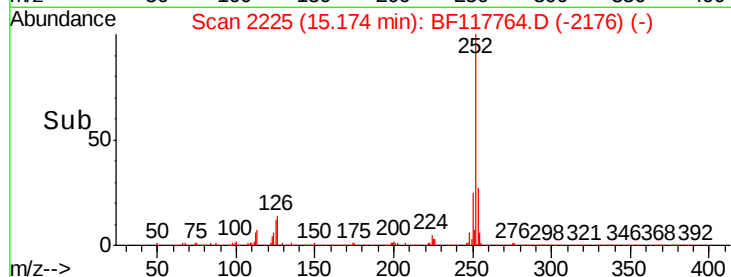
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90
Benzo(a)pyrene
Concen: 3.447 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF117764.D
Acq: 12 Nov 2019 17:22

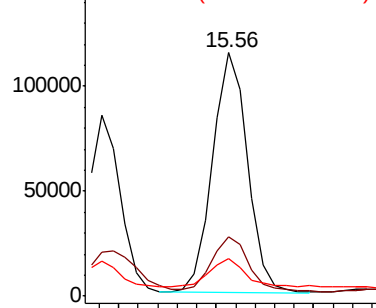
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	15.5	9.6	14.4#

Abundance

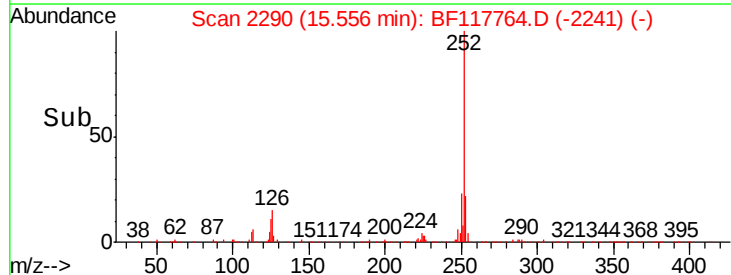
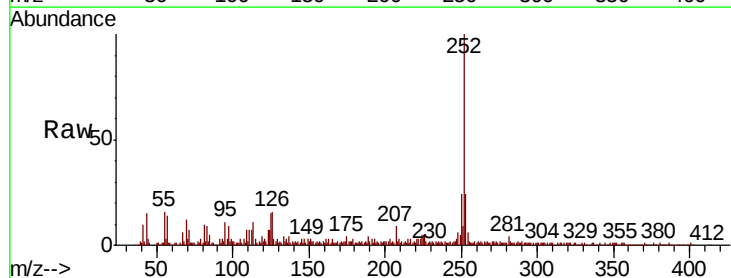
Ion 252.00 (251.70 to 252.70): E

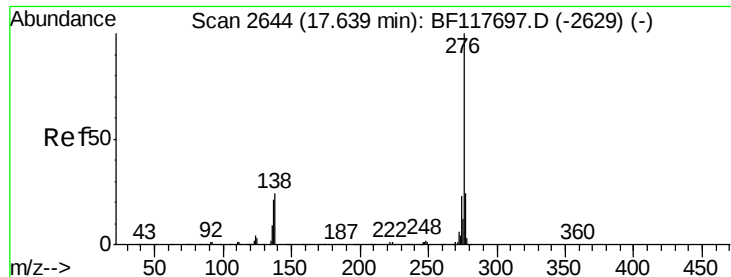
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





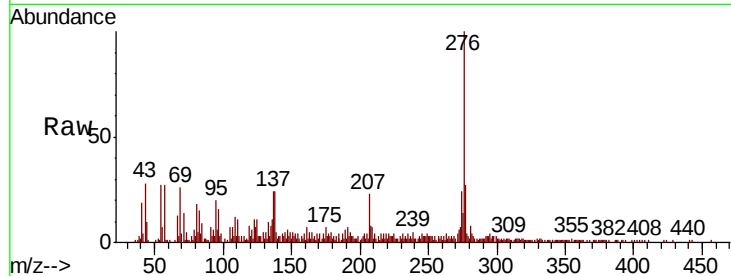
#92
 Benzo(a,h,i)perylene
 Concen: 2.352 ng
 RT: 17.62 min Scan# 2640
 Delta R.T. -0.02 min
 Lab File: BF117764.D
 Acq: 12 Nov 2019 17:22

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion:	276	Resp:	84419
Ion Ratio	Lower	Upper	
276	100		
277	26.9	19.0	28.6
138	24.2	18.6	27.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

