

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117863.D
 Acq On : 19 Nov 2019 16:58
 Operator : JU
 Sample : K5865-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-(16-18)

Manual Integrations
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Quant Time: Nov 20 00:58:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	214255	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	848816	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	451897	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	750000	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	445453	20.00	ng	-0.01
87) Perylene-d12	15.62	264	466853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	445441	36.80	ng	-0.01
7) Phenol-d6	6.53	99	1523723	104.37	ng	-0.01
23) Nitrobenzene-d5	7.47	82	1017090	71.23	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	8813	1.84	ng	-0.02
45) 2-Fluorobiphenyl	9.28	172	1935498	76.84	ng	-0.01
79) Terphenyl-d14	13.04	244	1791675	73.51	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	73919	4.872	ng	Qvalue 98
50) Dimethylphthalate	9.67	163	220704	6.965	ng	97
71) Phenanthrene	11.48	178	245588	6.513	ng	97
78) Pyrene	12.90	202	183783	5.105	ng	98
81) Benzo(a)anthracene	14.09	228	81018	2.752	ng	96
83) Chrysene	14.13	228	67187	2.355	ng	99
88) Benzo(b)fluoranthene	15.16	252	80418m	2.651	ng	
90) Benzo(a)pyrene	15.54	252	55983	2.099	ng	# 95

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

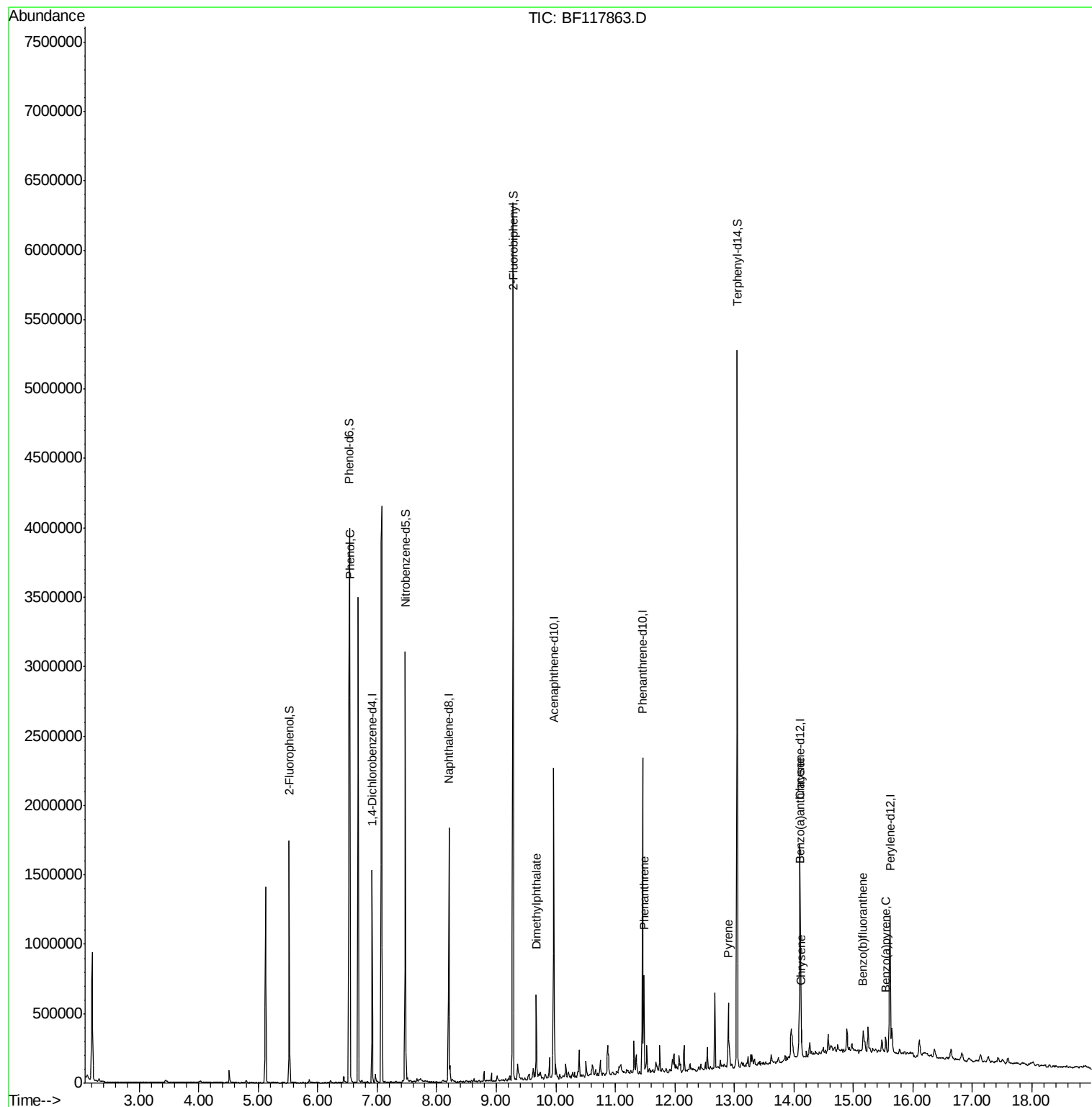
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117863.D
Acq On : 19 Nov 2019 16:58
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Sample : K5865-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

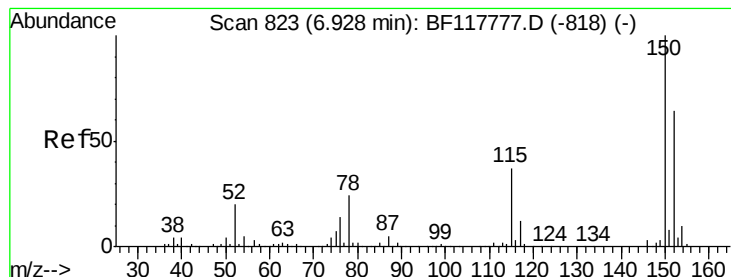
Instrument :
BNA_F
ClientSampleId :
3-(16-18)

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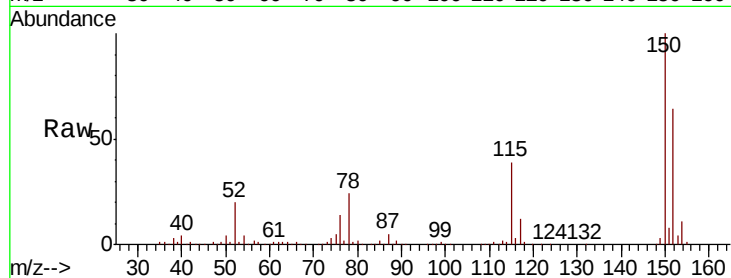
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF117863.D
 Acq: 19 Nov 2019 16:58

Instrument :
 BNA_F
 ClientSampleId :
 3-(16-18)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.3	187.9
115	60.2	47.0	70.4

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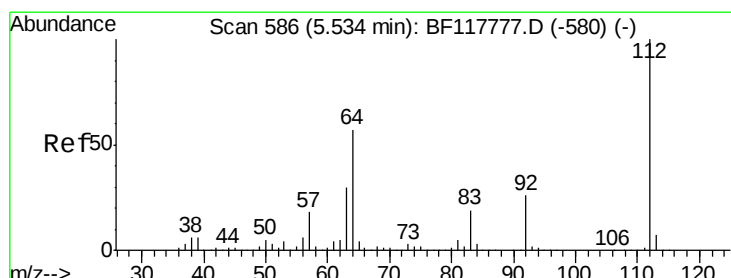
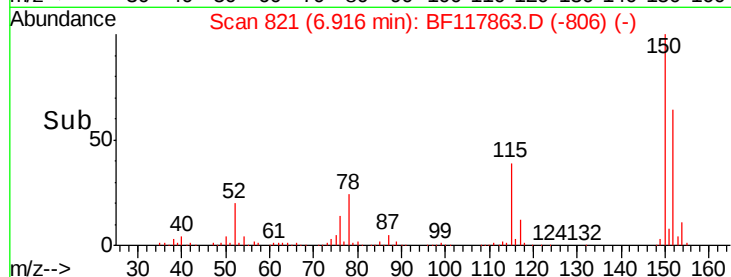
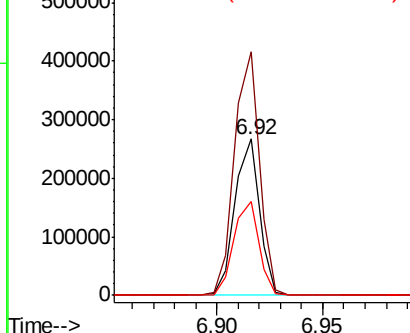


Abundance

Ion 152.00 (151.70 to 152.70): E

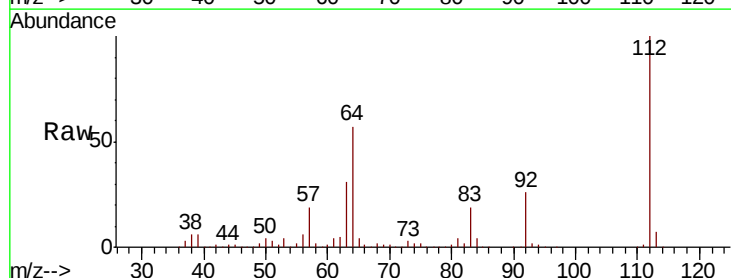
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 36.801 ng
 RT: 5.52 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF117863.D
 Acq: 19 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.6	68.4
63	30.6	24.1	36.1

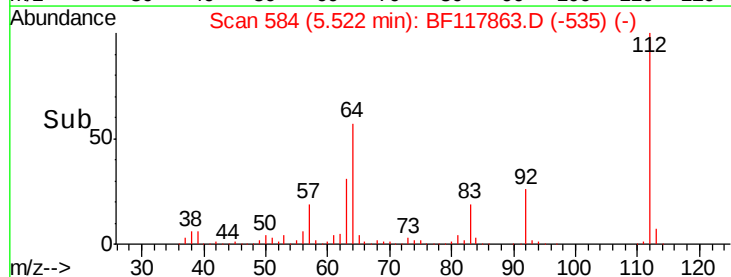
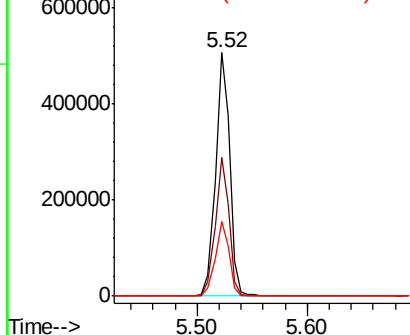


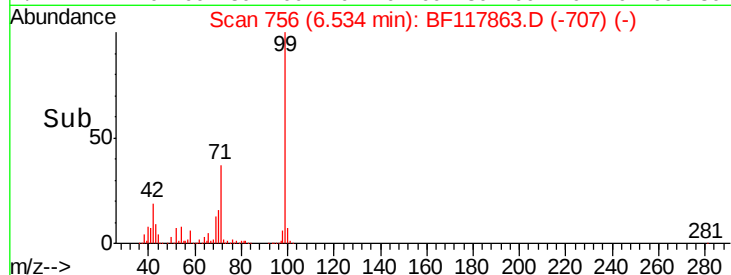
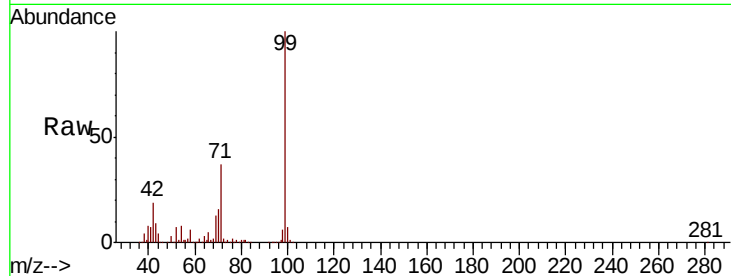
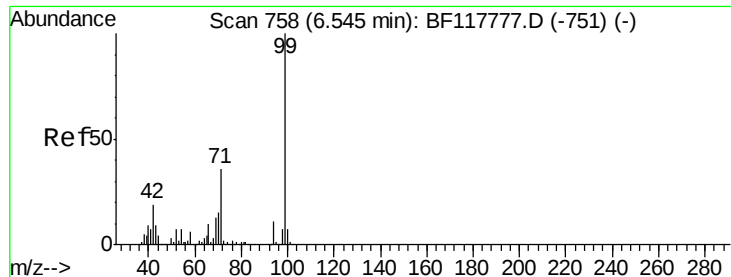
Abundance

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: 104.368 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117863.D

Acq: 19 Nov 2019 16:58

Tot Ion: 99 Resp: 1523723

Ion Ratio Lower Upper

99 100

42 19.2 14.9 22.3

71 36.5 28.6 43.0

Instrument :

BNA_F

ClientSampleId :

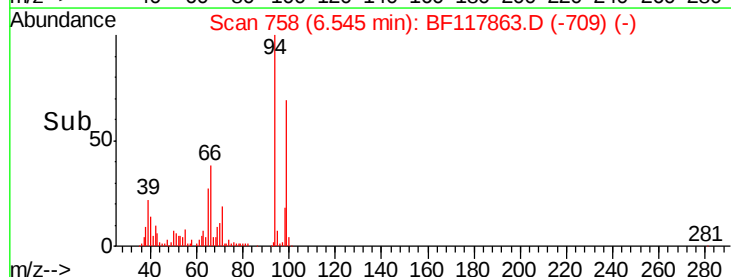
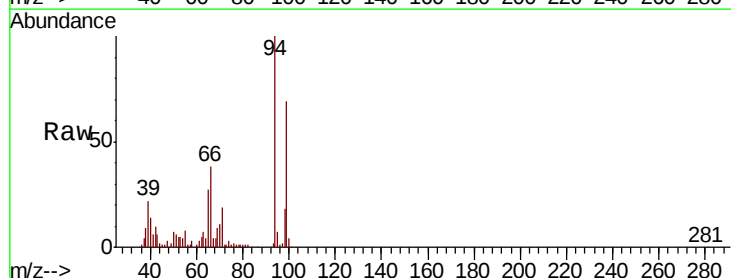
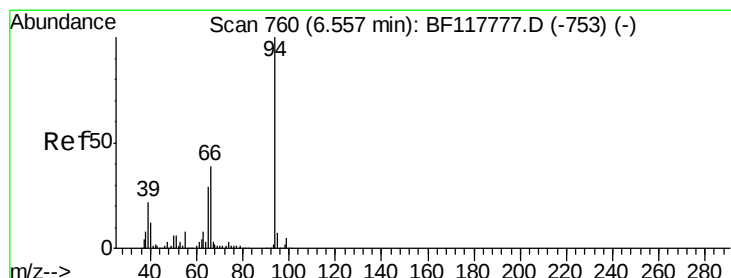
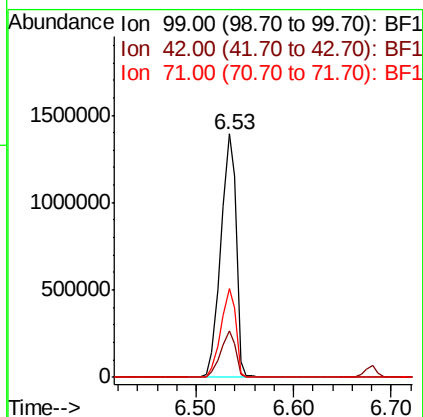
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#10

Phenol

Concen: 4.872 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117863.D

Acq: 19 Nov 2019 16:58

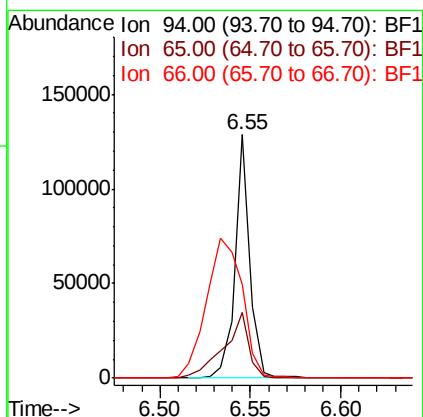
Tgt Ion: 94 Resp: 73919

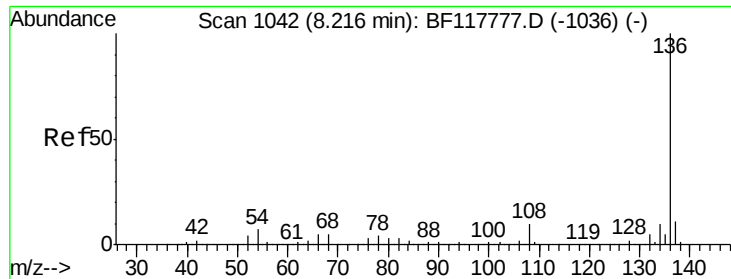
Ion Ratio Lower Upper

94 100

65 27.2 8.9 48.9

66 38.4 18.7 58.7





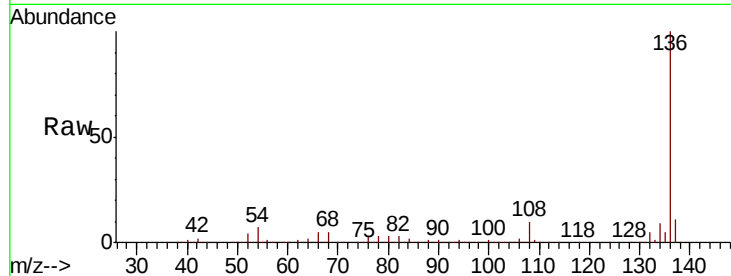
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampleId :
3-(16-18)

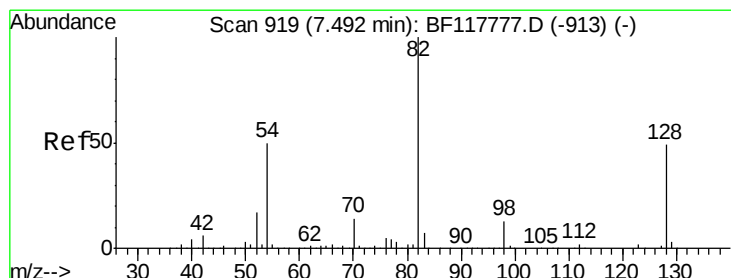
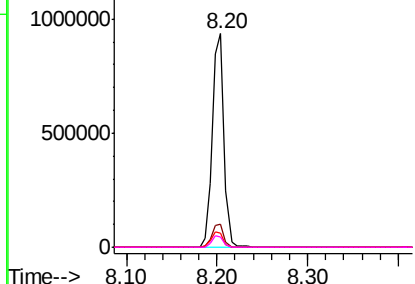
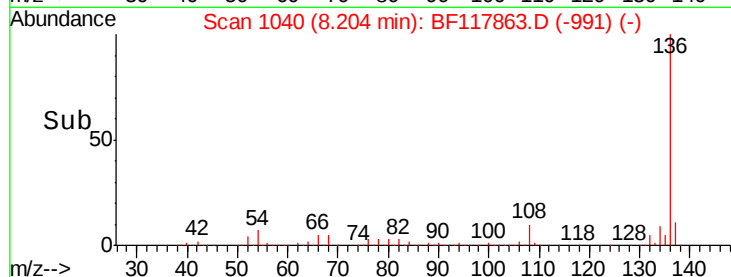
Tot Ion	Ratio	Resp	Lower	Upper
136	100	848816		
137	11.0		9.0	13.4
54	6.7		5.4	8.2
68	4.8		4.3	6.5

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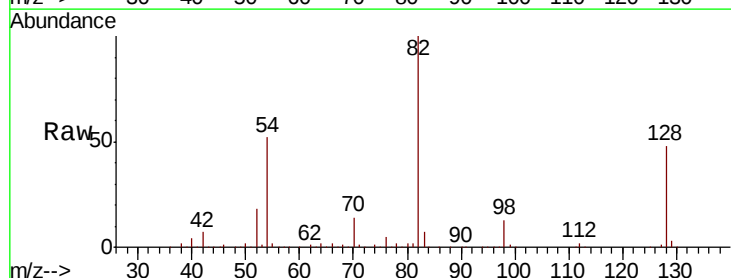


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

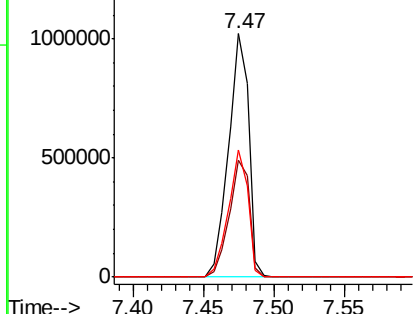
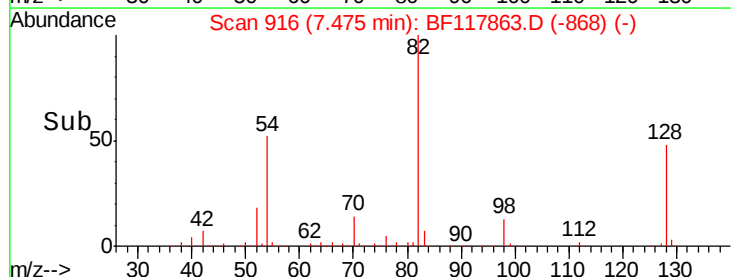


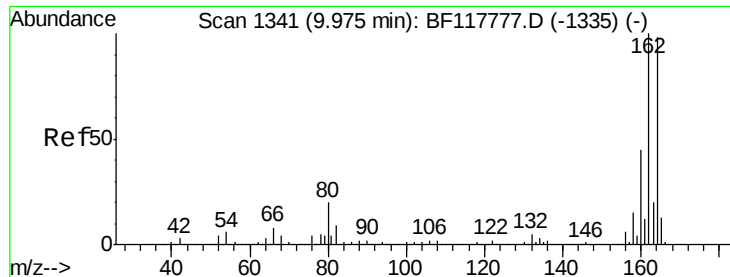
#23
Nitrobenzene-d5
Concen: 71.231 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1017090		
128	48.2		38.9	58.3
54	52.1		39.8	59.6



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





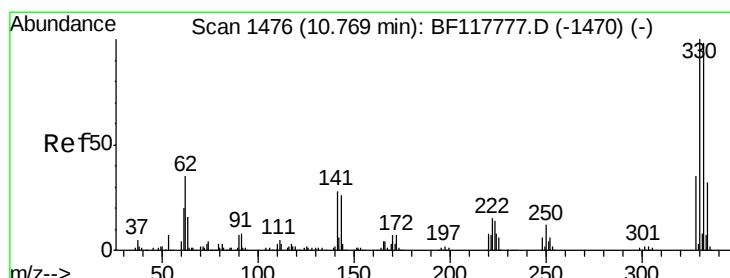
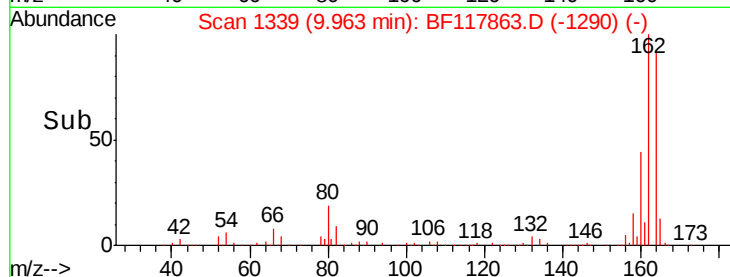
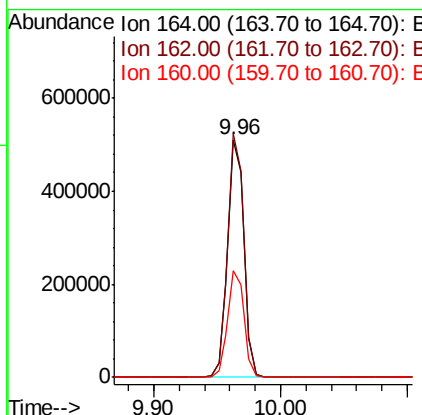
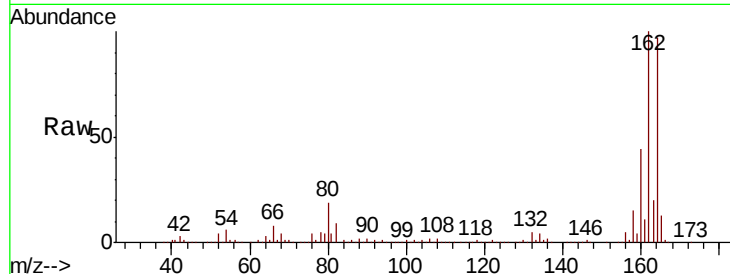
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampleId :
3-(16-18)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.6	81.3	121.9	
160	45.1	36.6	55.0	

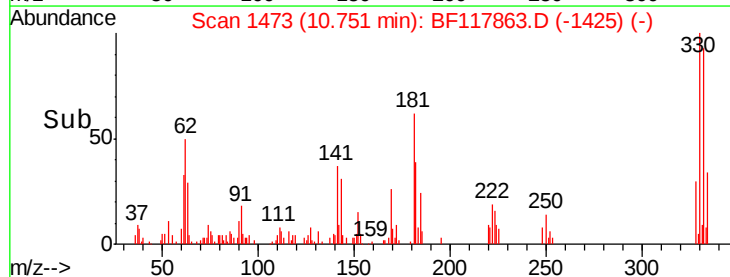
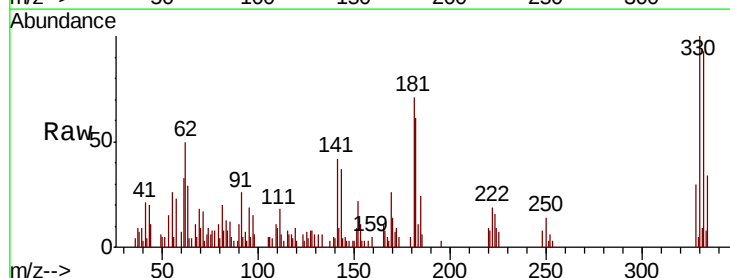
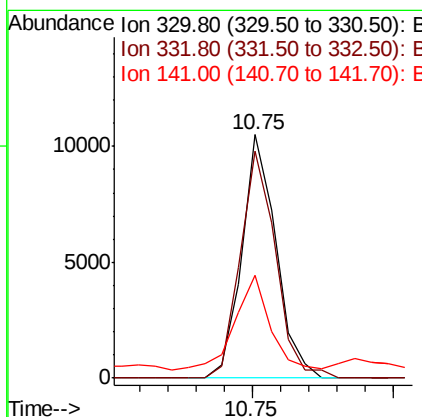
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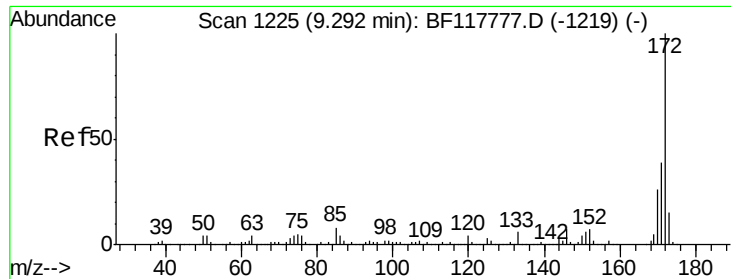
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#42
2,4,6-Tribromophenol
Concen: 1.842 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.02 min
Lab File: BF117863.D
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	76.7	115.1	
141	39.0	27.7	41.5	





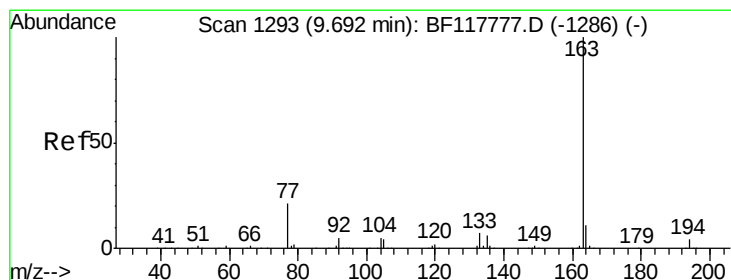
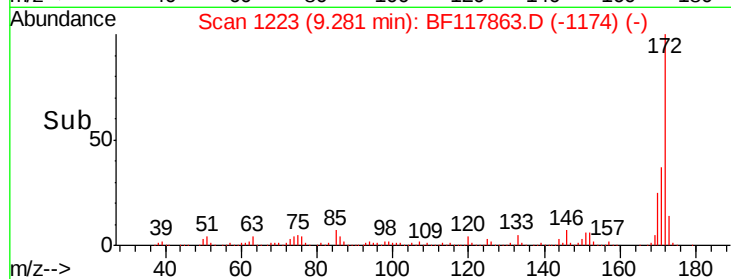
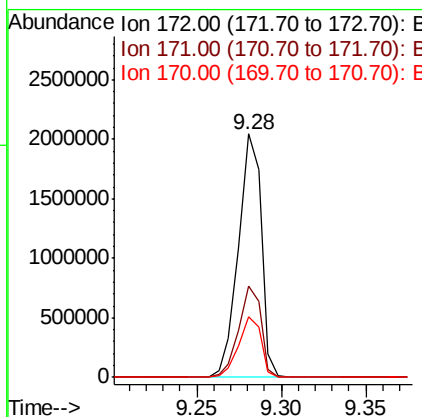
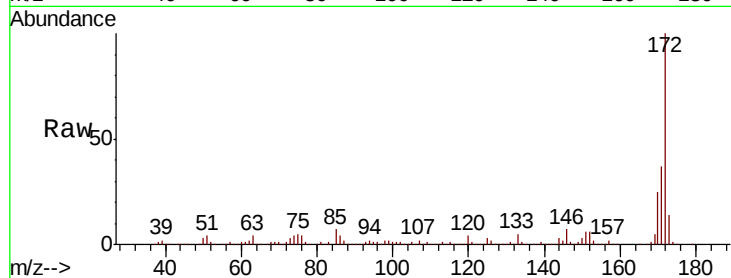
#45
2-Fluorobiphenyl
Concen: 76.839 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampled :
3-(16-18)

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.3	30.9	46.3	
170	24.8	21.0	31.4	

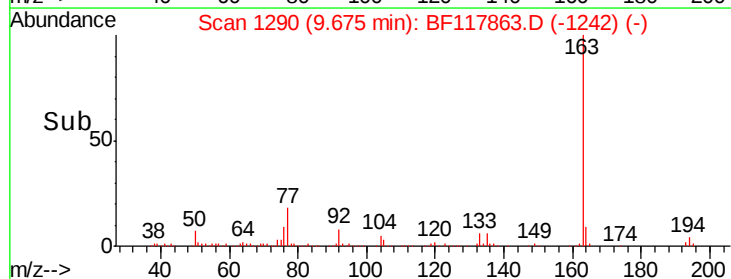
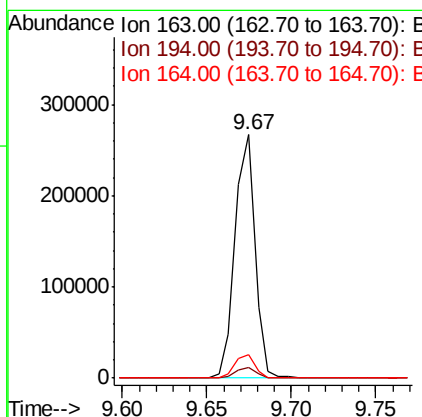
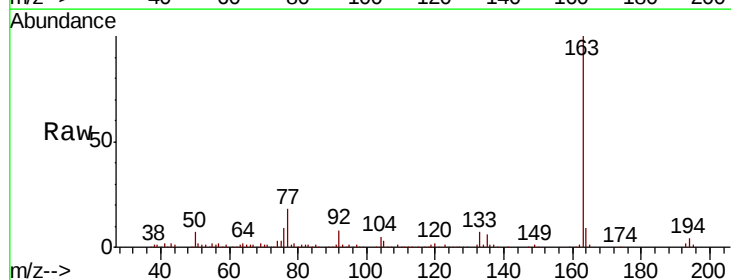
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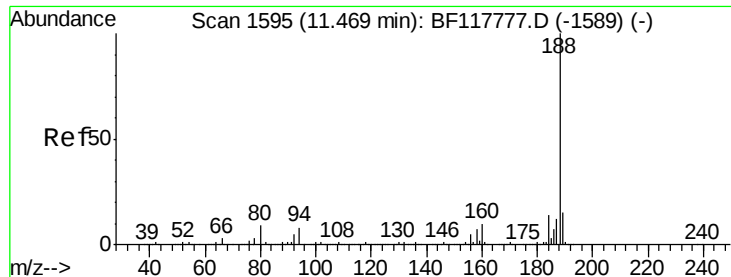
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#50
Dimethylphthalate
Concen: 6.965 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.3	3.3	4.9	
164	9.4	8.7	13.1	





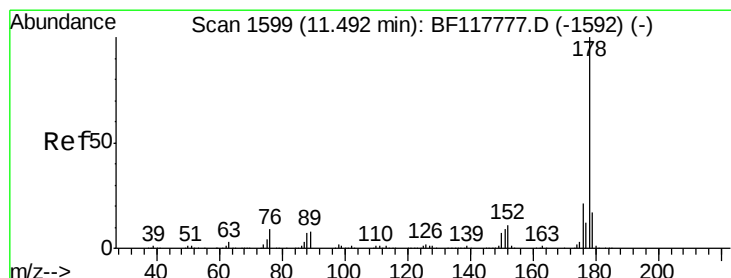
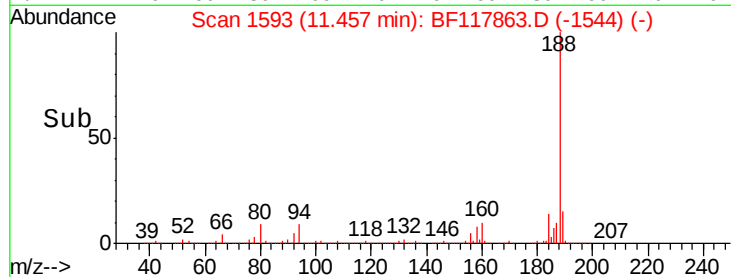
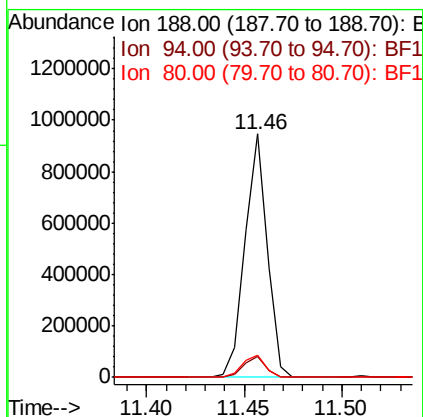
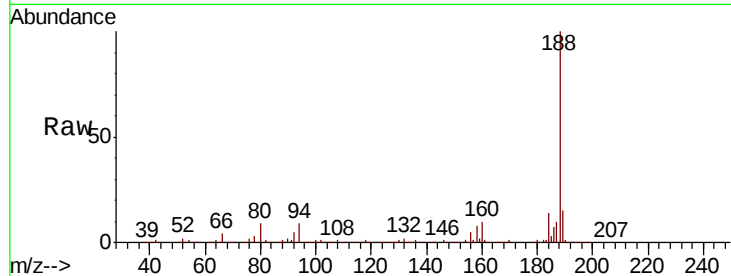
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	750000		
94	8.8		6.6	10.0
80	8.9		7.2	10.8

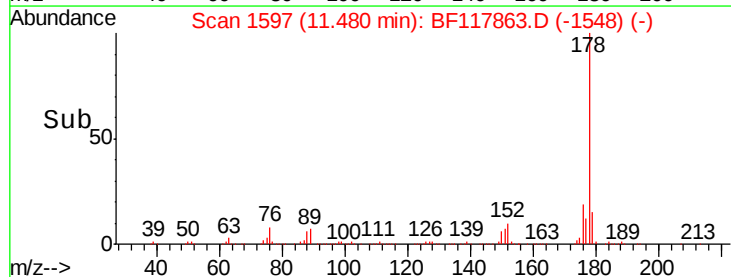
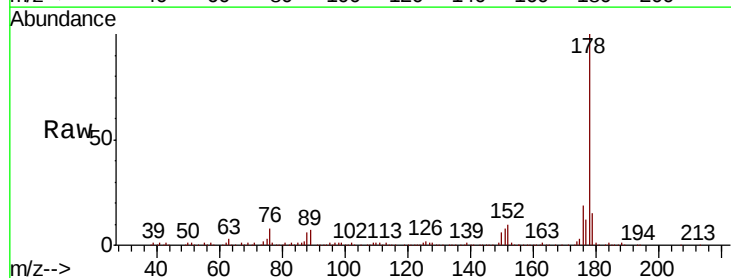
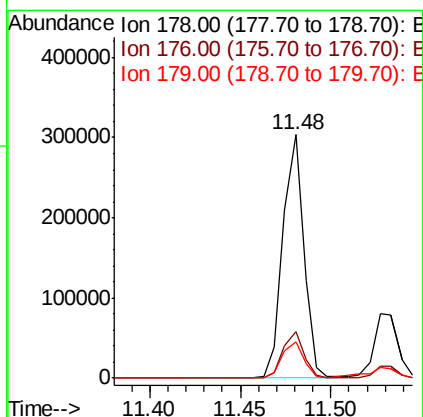
Manual Integrations
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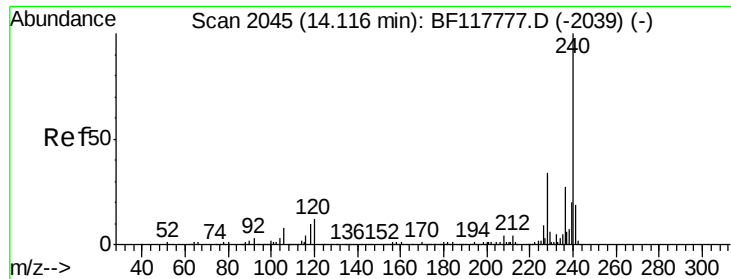
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#71
Phenanthrene
Concen: 6.513 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	245588		
176	19.3		16.6	25.0
179	15.0		13.2	19.8





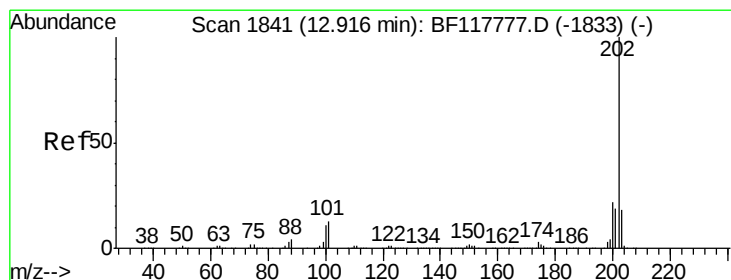
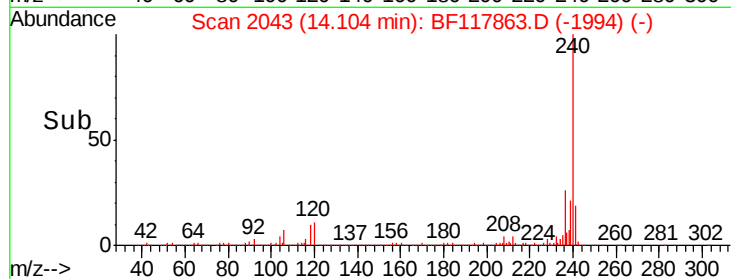
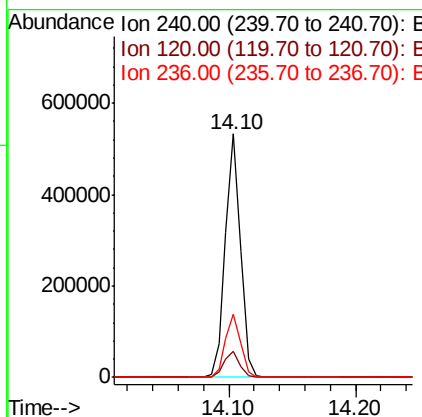
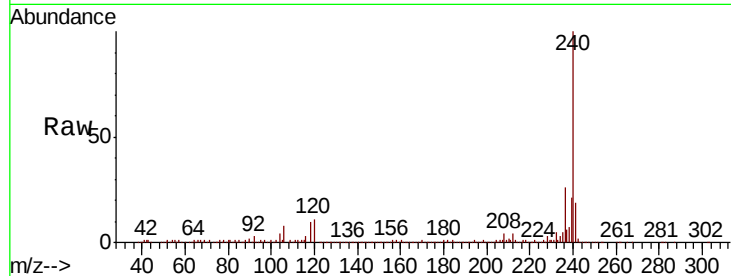
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampleId :
3-(16-18)

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	25.7	21.3	31.9

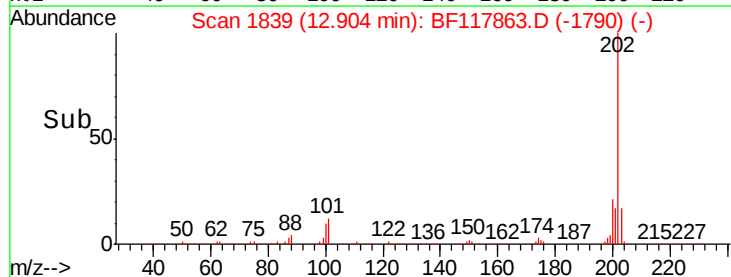
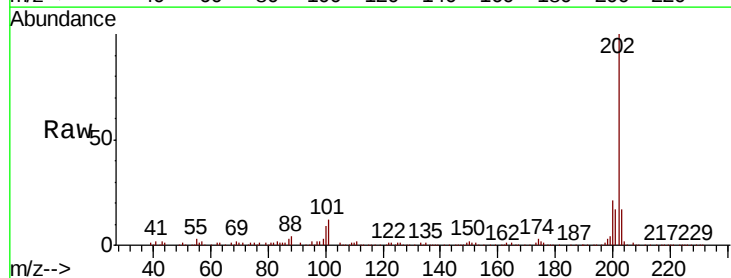
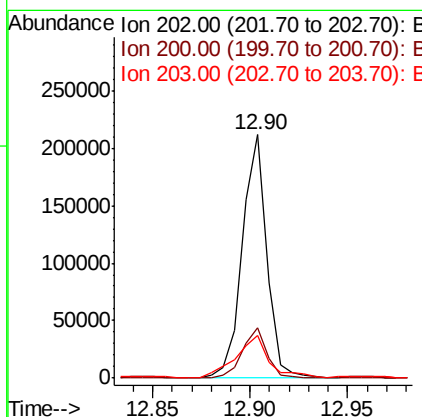
Manual Integrations
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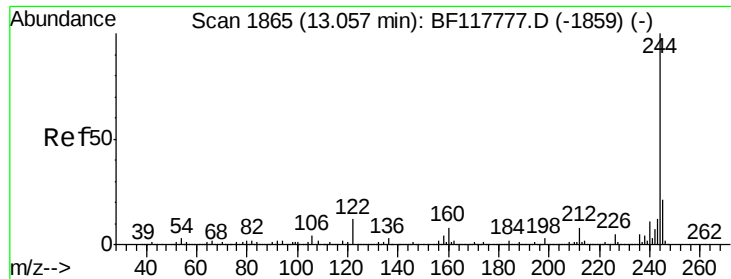
mohammad
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#78
Pyrene
Concen: 5.105 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.8
203	17.5	14.6	22.0





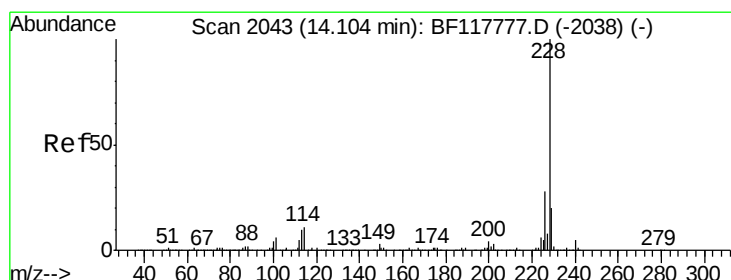
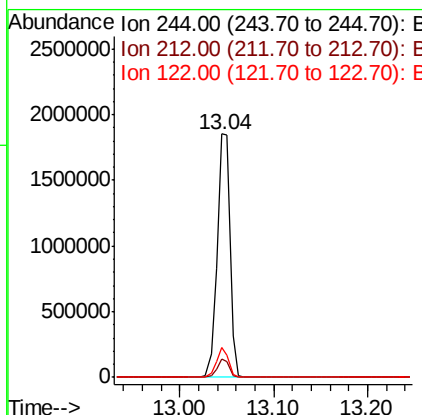
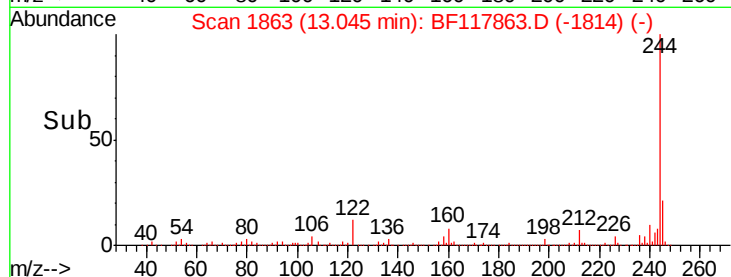
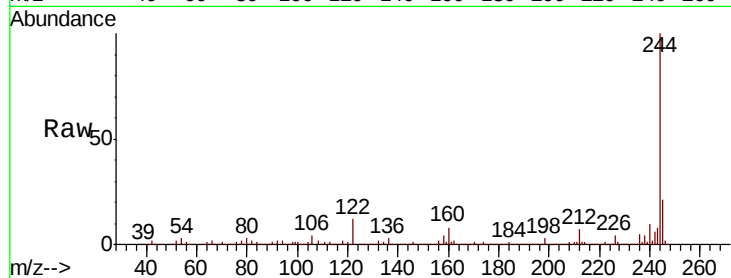
#79
 Terphenyl-d14
 Concen: 73.509 ng
 RT: 13.04 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BF117863.D
 Acq: 19 Nov 2019 16:58

Instrument :
 BNA_F
 ClientSampleID :
 3-(16-18)

Tot Ion:244 Resp: 1791675
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 12.1 9.4 14.2

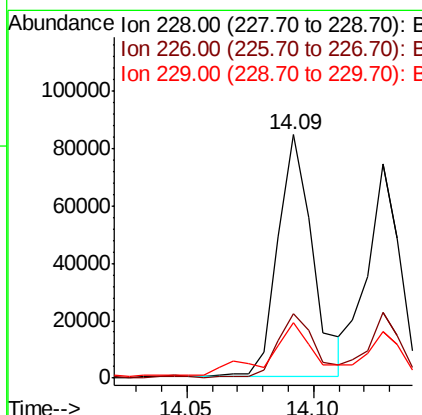
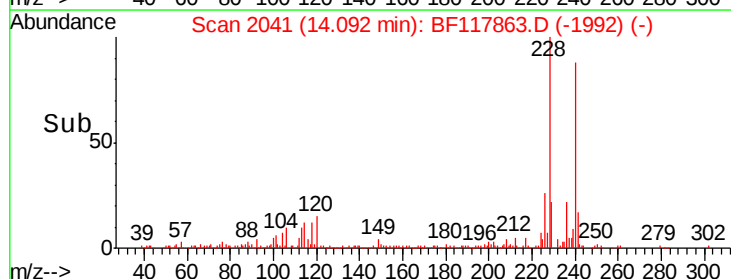
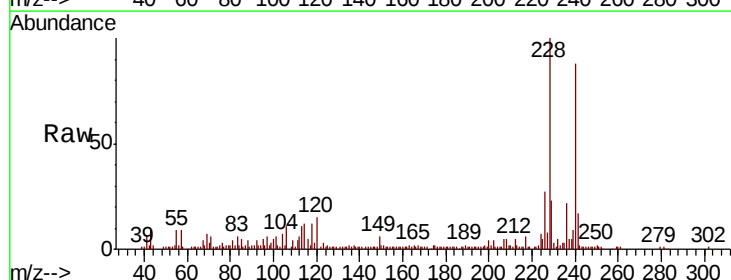
Manual Integrations
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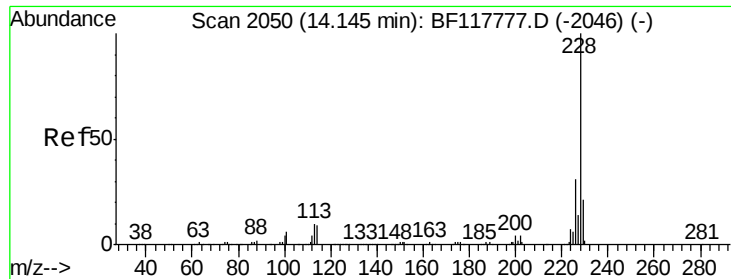
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#81
 Benzo(a)anthracene
 Concen: 2.752 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF117863.D
 Acq: 19 Nov 2019 16:58

Tgt Ion:228 Resp: 81018
 Ion Ratio Lower Upper
 228 100
 226 26.5 22.2 33.2
 229 22.8 15.9 23.9





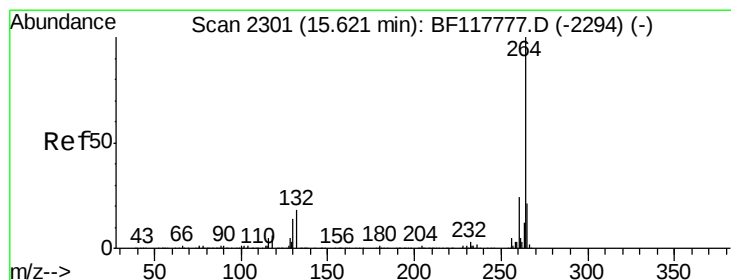
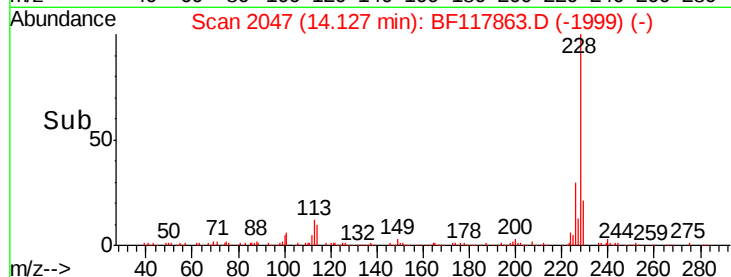
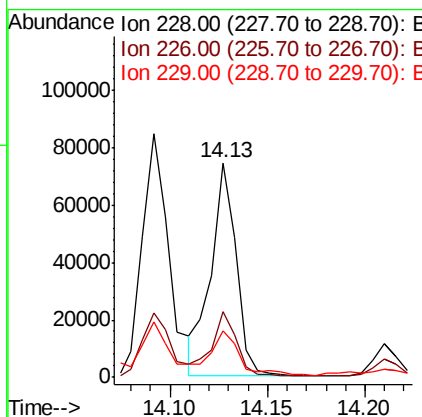
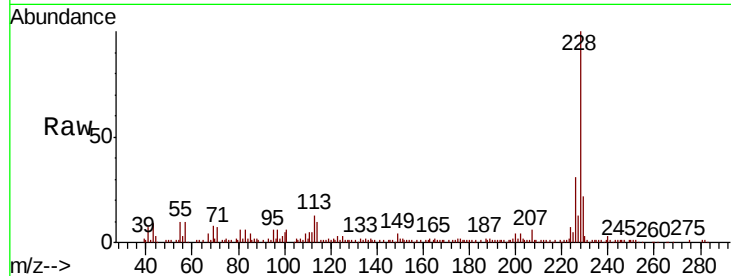
#83
Chrysene
Concen: 2.355 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampled :
3-(16-18)

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.4
229	21.8	16.6	25.0

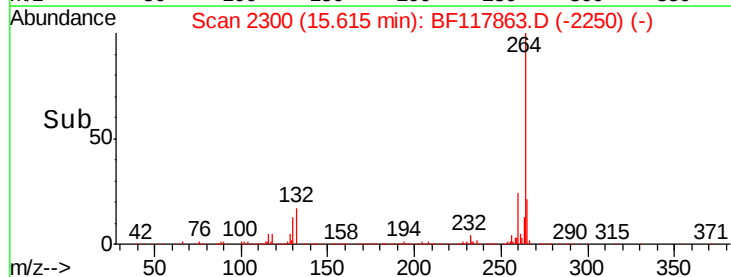
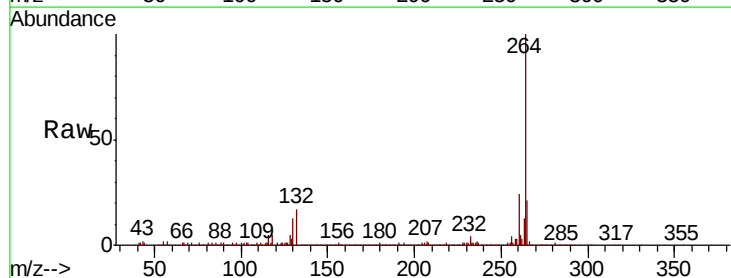
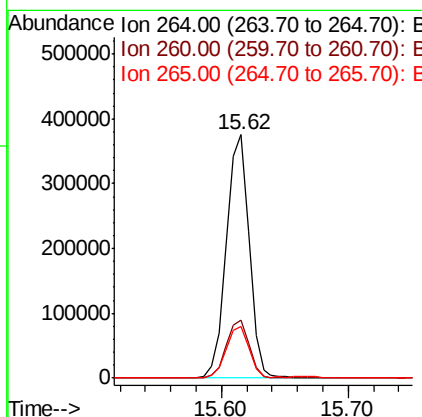
Manual Integrations
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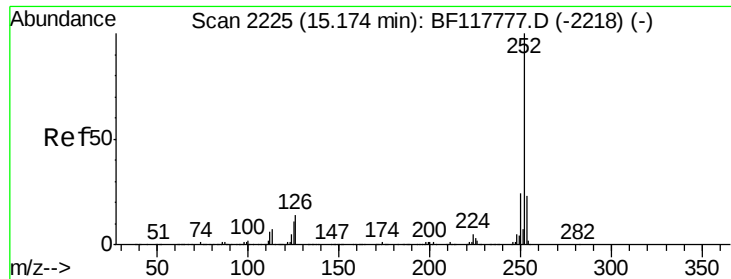
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.1	17.1	25.7





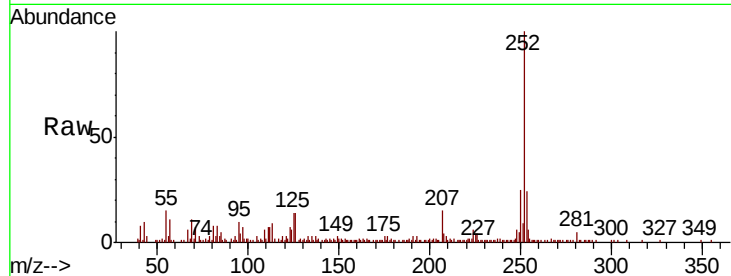
#88
Benzo(b)fluoranthene
Concen: 2.651 ng m
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Instrument :
BNA_F
ClientSampleId :
3-(16-18)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	14.0	8.6	13.0

Manual Integrations
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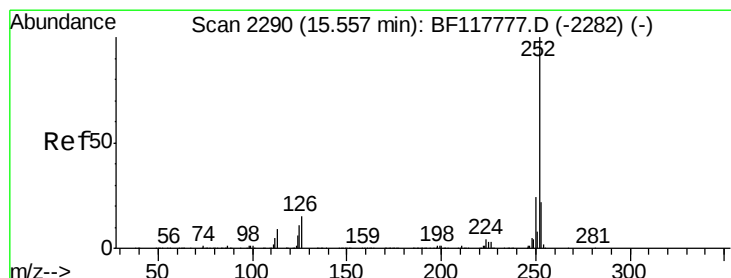
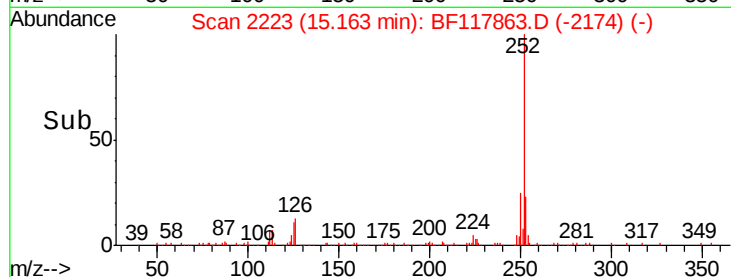
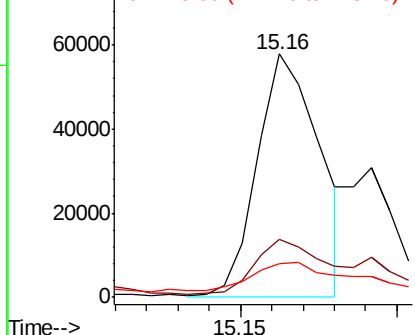


Abundance

Ion 252.00 (251.70 to 252.70): E

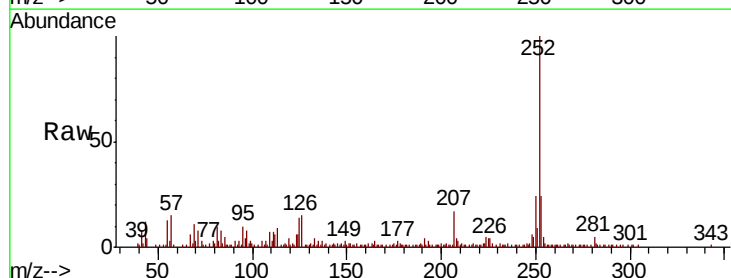
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.099 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF117863.D
Acq: 19 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	14.2	9.2	13.8



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

