

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117841.D
 Acq On : 18 Nov 2019 17:57
 Operator : JU
 Sample : K5833-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-(2-4)

Manual Integrations
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 11/19/2019 2:35:59 PM

Quant Time: Nov 19 00:14:36 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	224519	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	857890	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	436339	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	738162	20.00	ng	0.00
76) Chrysene-d12	14.11	240	453778	20.00	ng	0.00
87) Perylene-d12	15.62	264	585788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1241701	97.90	ng	0.00
7) Phenol-d6	6.54	99	1572416	102.78	ng	0.00
23) Nitrobenzene-d5	7.48	82	983560	68.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	433889	93.93	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	1892089	77.79	ng	0.00
79) Terphenyl-d14	13.05	244	1633811	65.80	ng	0.00
Target Compounds						
10) Phenol	6.55	94	63871	4.018	ng	94
50) Dimethylphthalate	9.67	163	385980	12.615	ng	99
71) Phenanthrene	11.49	178	416311	11.218	ng	97
75) Fluoranthene	12.67	202	371558	4.166	ng	99
78) Pyrene	12.91	202	496835	13.548	ng	99
81) Benzo(a)anthracene	14.10	228	206951	6.902	ng	97
83) Chrysene	14.13	228	235457	8.103	ng	99
86) Indeno(1,2,3-cd)pyrene	17.14	276	82220	3.325	ng	97
88) Benzo(b)fluoranthene	15.17	252	216393m	5.686	ng	
89) Benzo(k)fluoranthene	15.19	252	72576m	2.024	ng	
90) Benzo(a)pyrene	15.55	252	156323	4.671	ng	99
92) Benzo(a,h,i)perylene	17.60	276	94405	3.290	ng	99

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

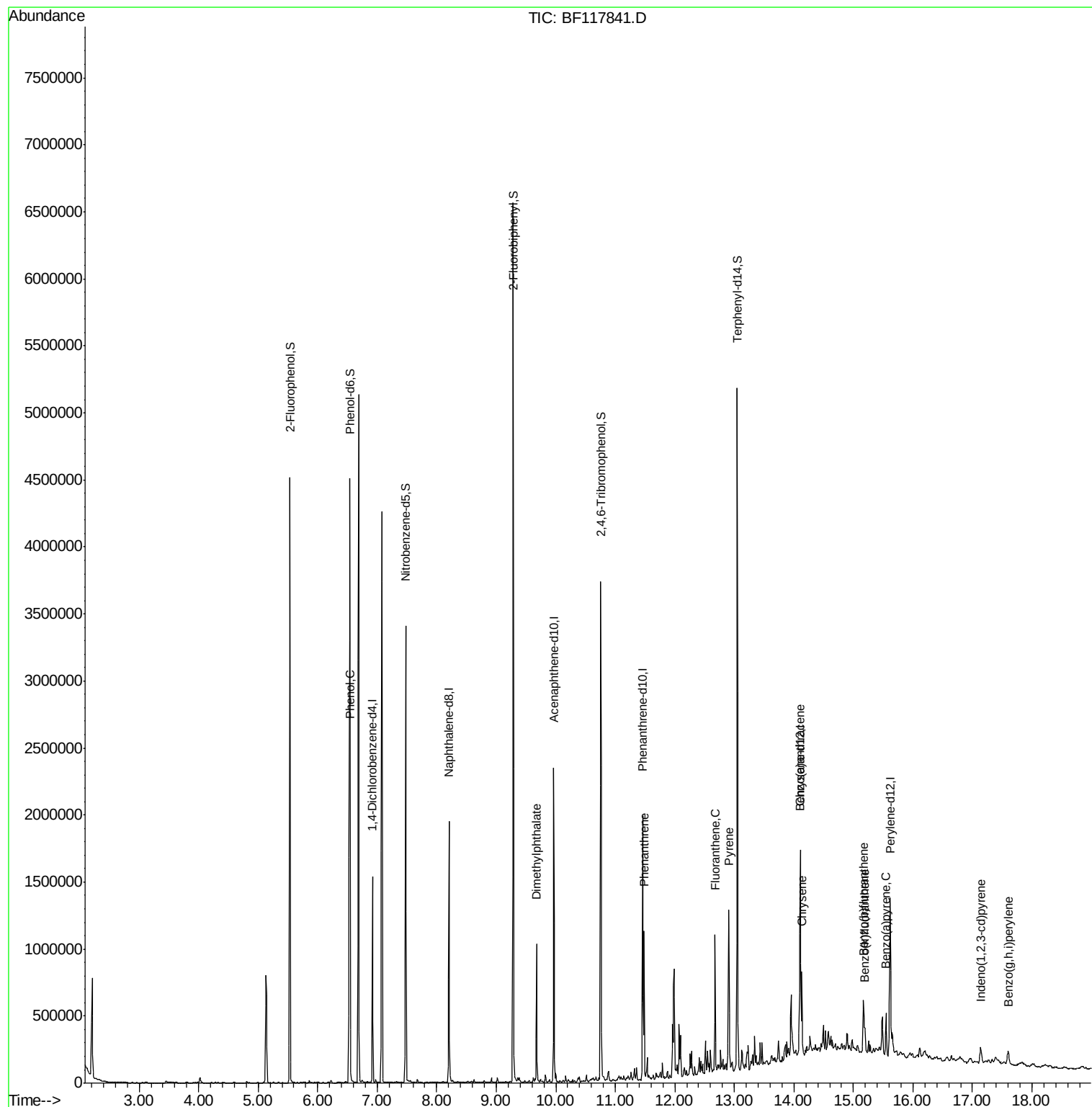
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117841.D
Acq On : 18 Nov 2019 17:57
Operator : JU
Sample : K5833-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

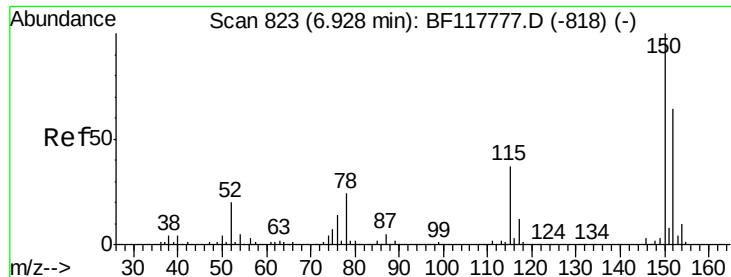
Instrument :
BNA_F
ClientSampleId :
7-(2-4)

Quant Time: Nov 19 00:14:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

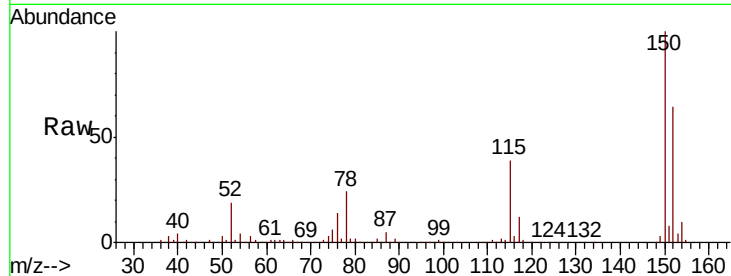
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Instrument :
BNA_F
ClientSampleId :
7-(2-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.3	187.9
115	60.4	47.0	70.4

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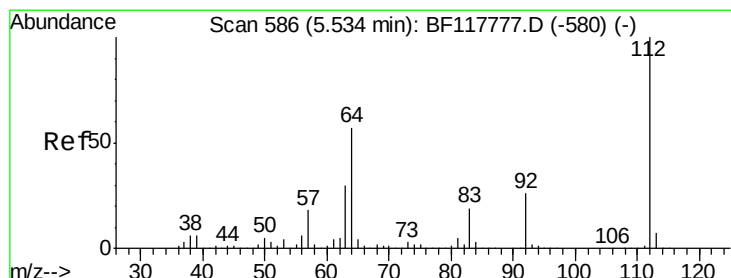
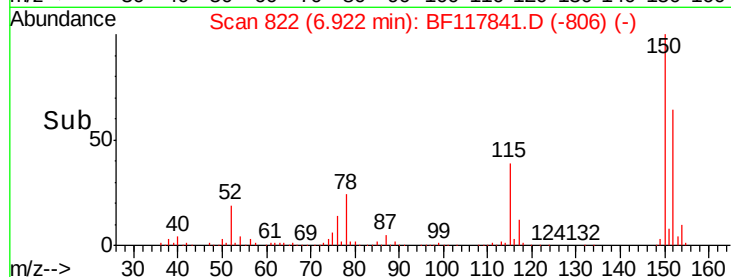
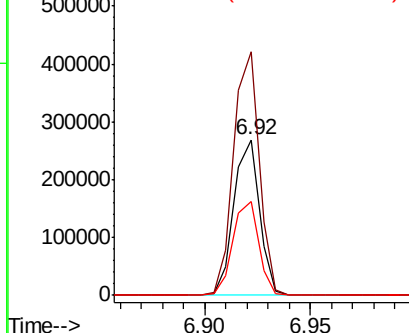


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

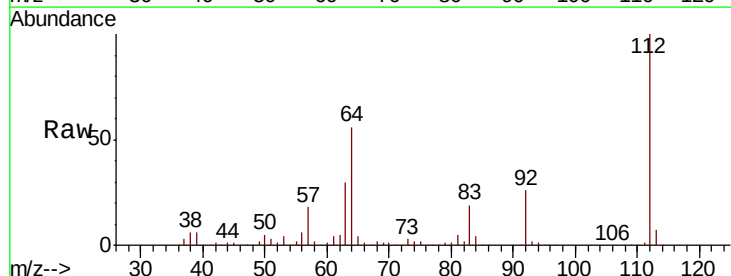
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.896 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.6	68.4
63	30.4	24.1	36.1

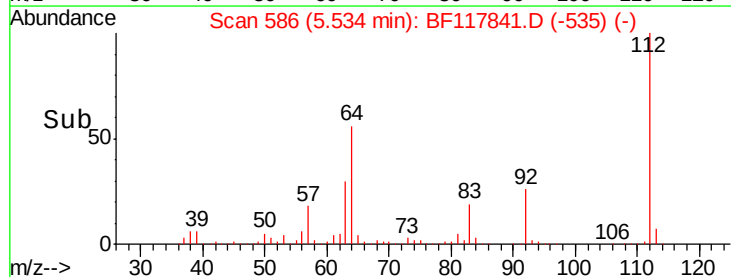
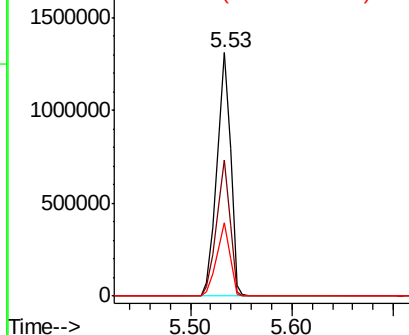


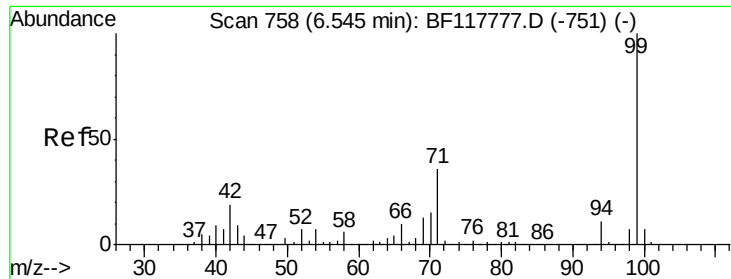
Abundance

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: 102.780 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117841.D

Acq: 18 Nov 2019 17:57

Instrument :

BNA_F

ClientSampleId :

7-(2-4)

Tot Ion: 99 Resp: 1572416

Ion Ratio Lower Upper

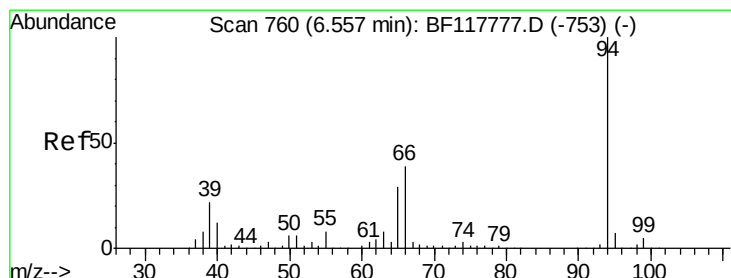
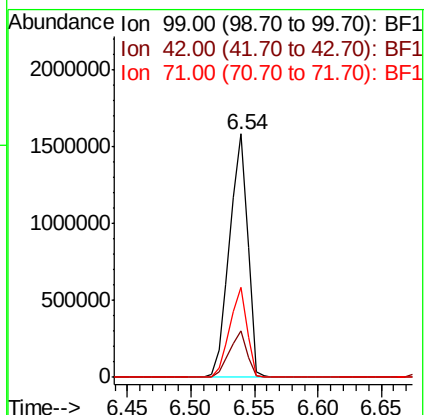
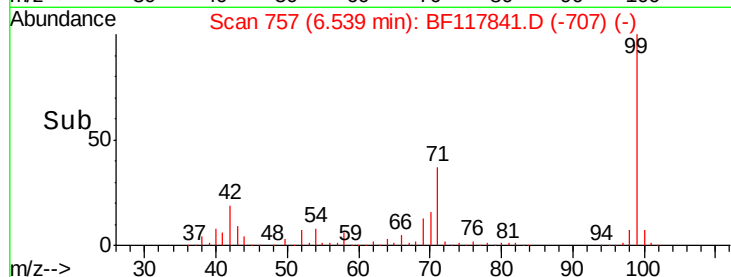
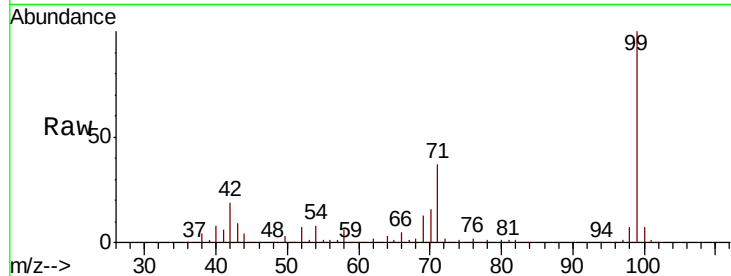
99 100

42 18.9 14.9 22.3

71 36.9 28.6 43.0

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#10

Phenol

Concen: 4.018 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117841.D

Acq: 18 Nov 2019 17:57

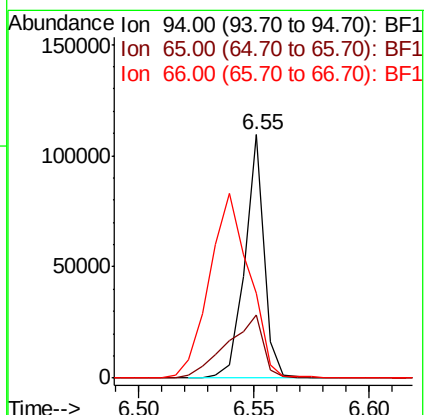
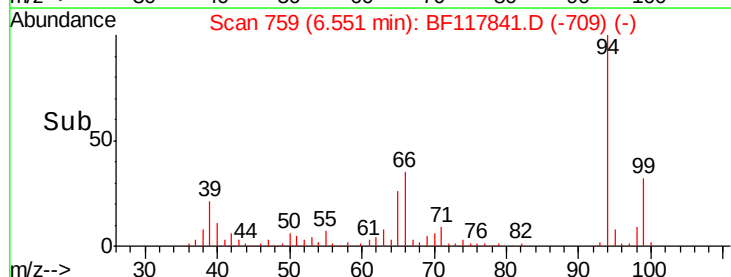
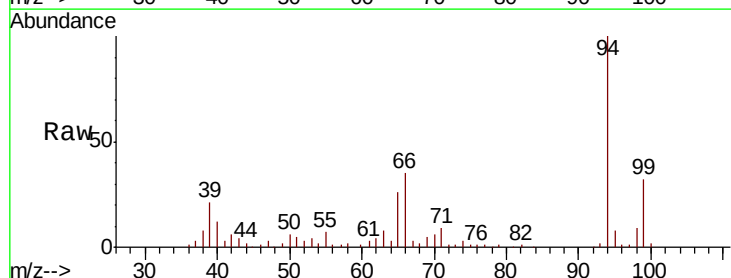
Tgt Ion: 94 Resp: 63871

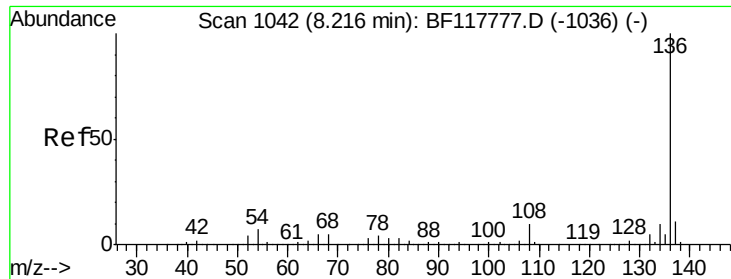
Ion Ratio Lower Upper

94 100

65 26.2 8.9 48.9

66 34.9 18.7 58.7





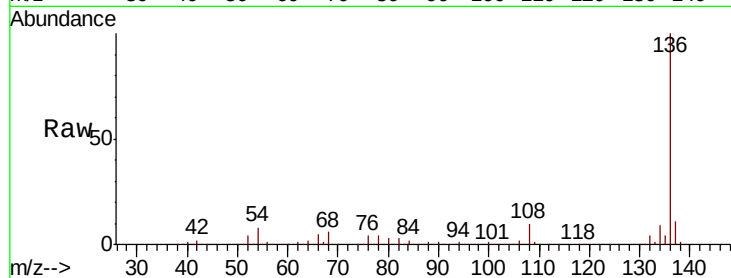
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Instrument :
BNA_F
ClientSampled :
7-(2-4)

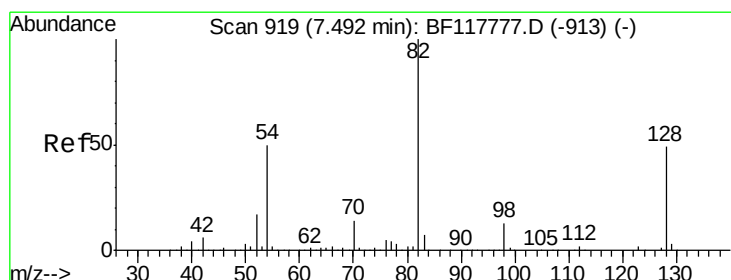
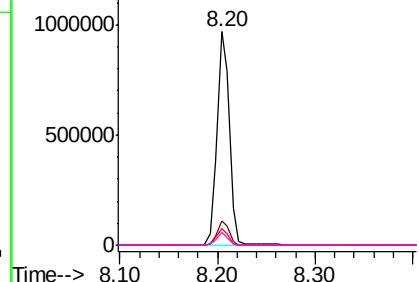
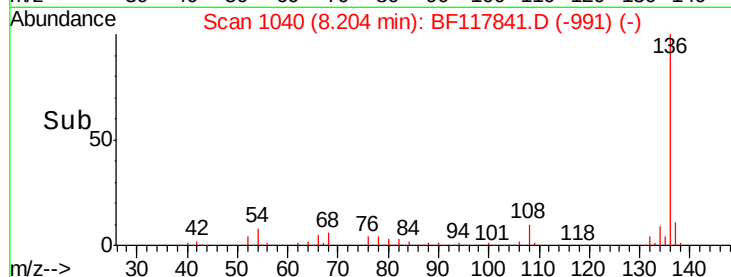
Tot Ion	Ratio	Resp	Lower	Upper
136	100	857890		
137	11.5		9.0	13.4
54	7.8		5.4	8.2
68	5.8		4.3	6.5

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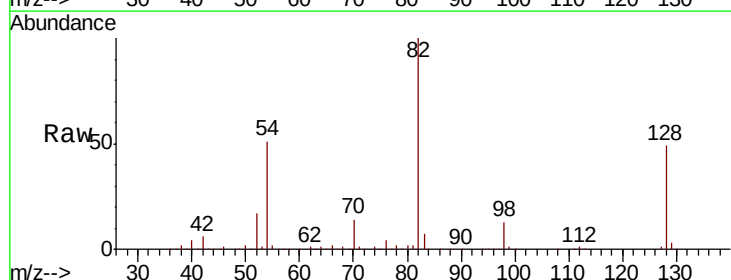


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

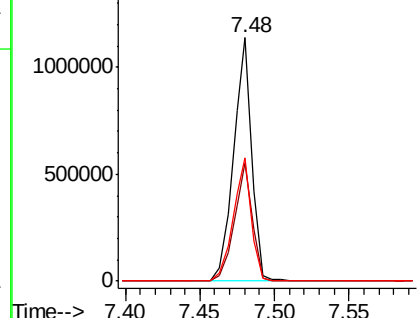
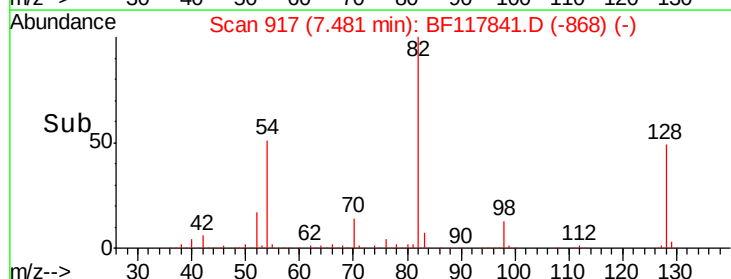


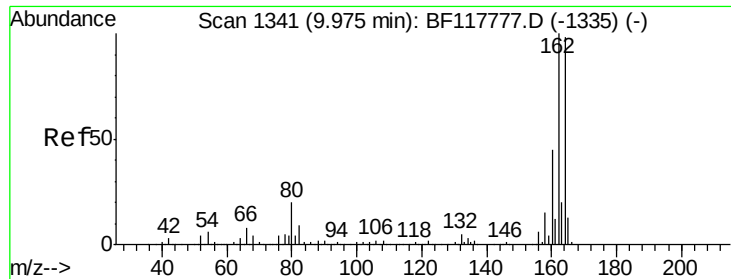
#23
Nitrobenzene-d5
Concen: 68.154 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	983560		
128	48.7		38.9	58.3
54	50.7		39.8	59.6



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





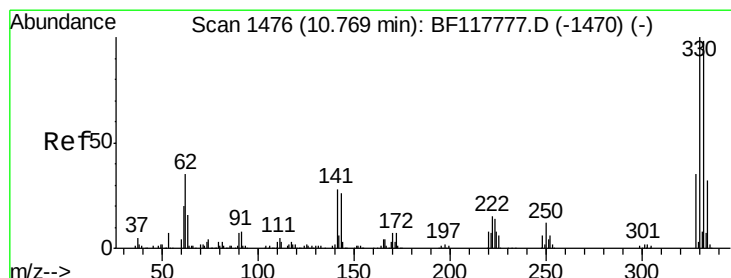
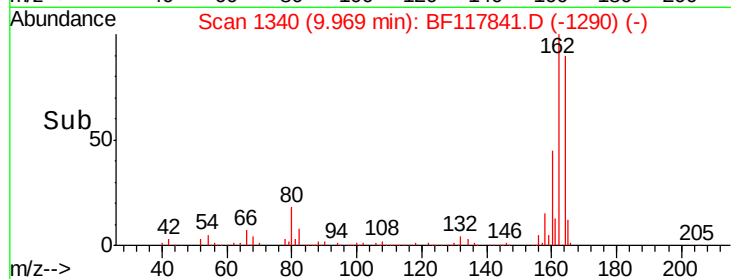
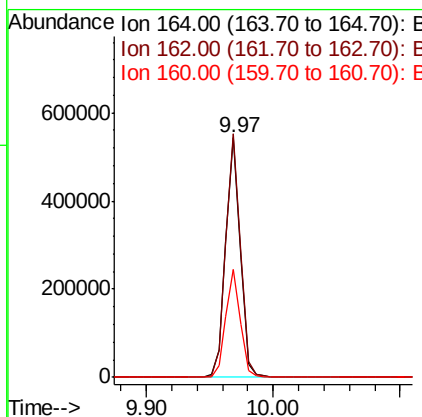
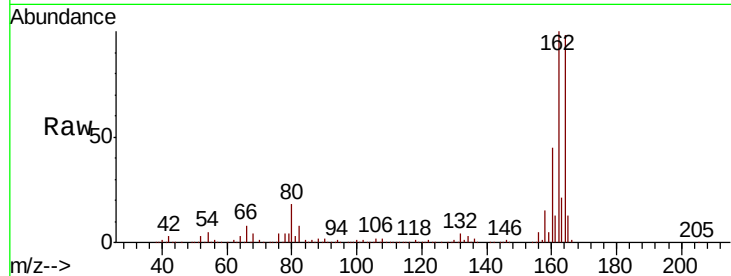
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Instrument :
BNA_F
ClientSampleId :
7-(2-4)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.6	81.3	121.9	
160	45.3	36.6	55.0	

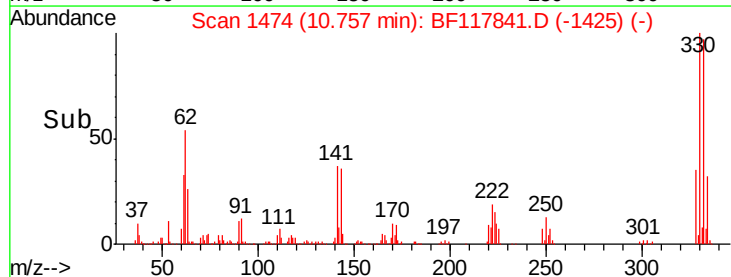
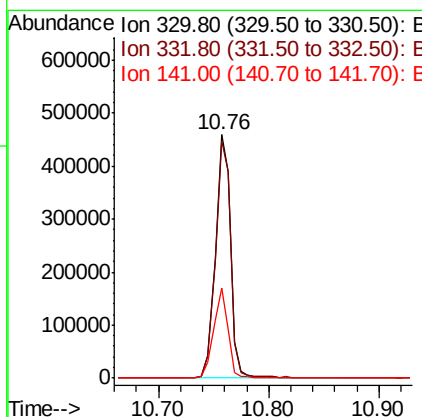
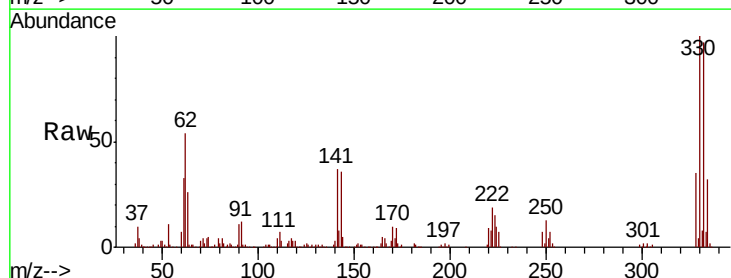
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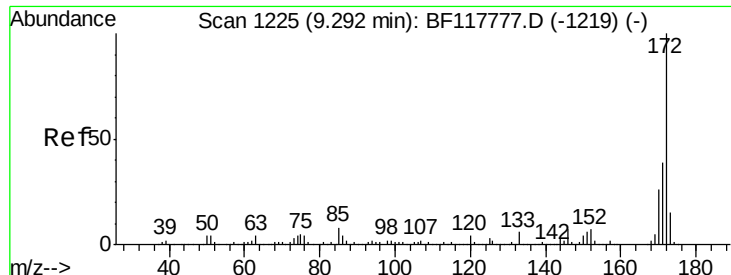
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#42
2,4,6-Tribromophenol
Concen: 93.926 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.4	76.7	115.1	
141	34.8	27.7	41.5	





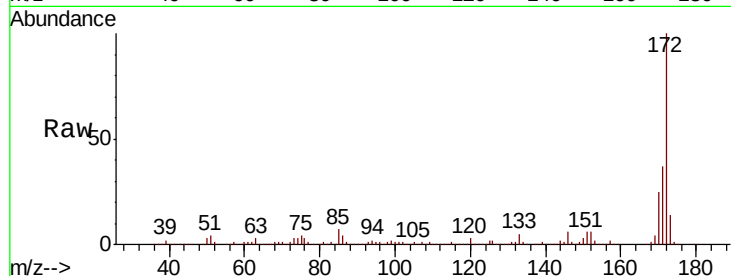
#45
2-Fluorobiphenyl
Concen: 77.794 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Instrument :
BNA_F
ClientSampled :
7-(2-4)

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.9	46.3
170	24.8	21.0	31.4

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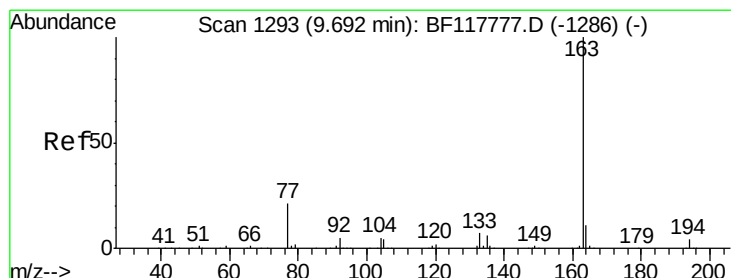
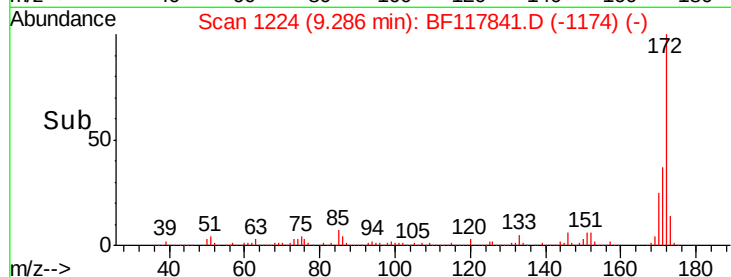
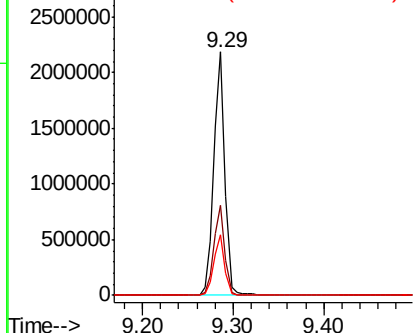


Abundance

Ion 172.00 (171.70 to 172.70): E

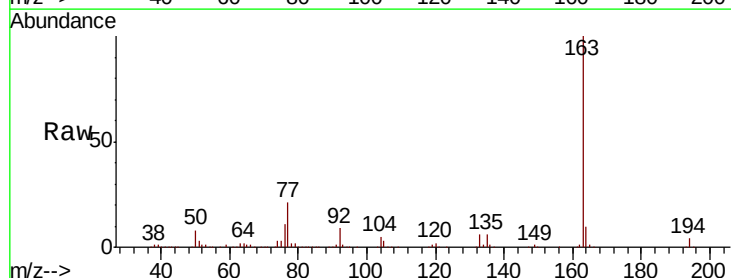
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 12.615 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.3	8.7	13.1

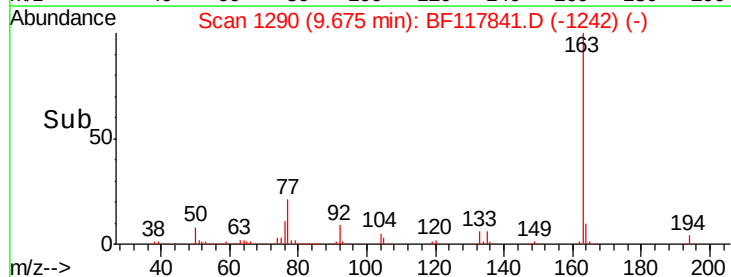
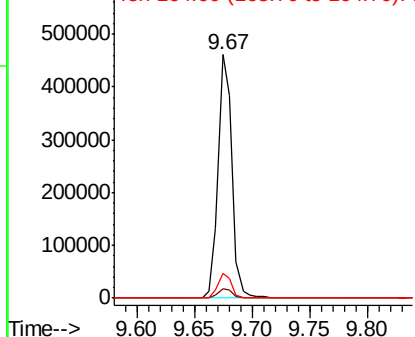


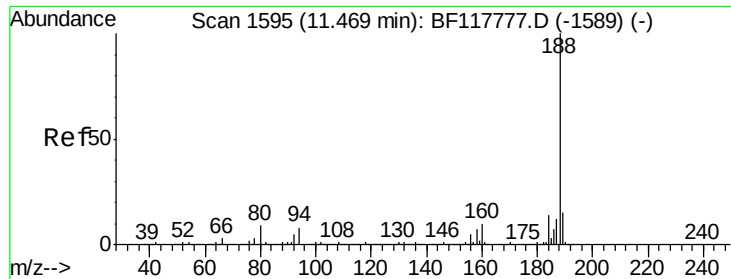
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





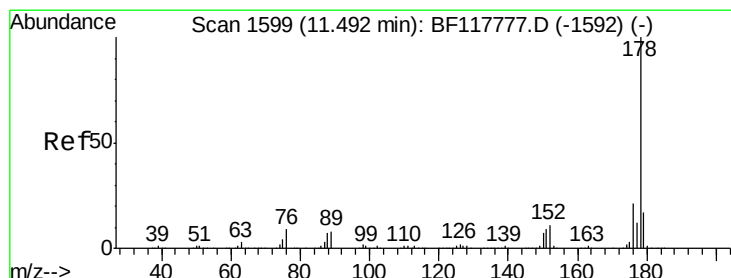
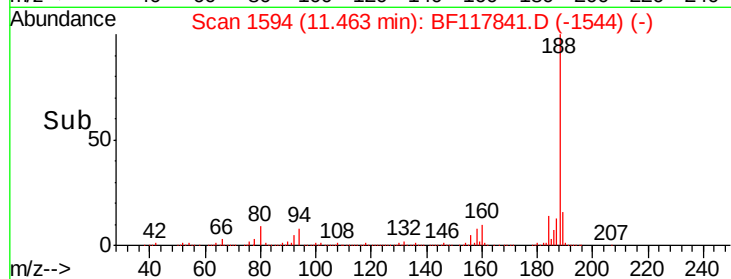
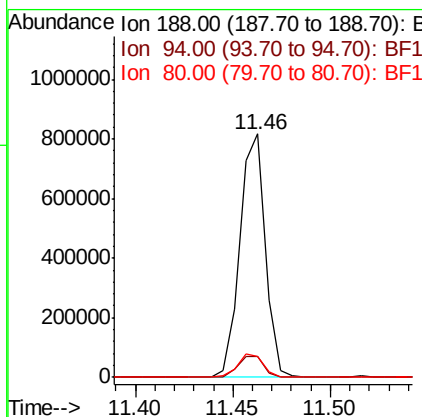
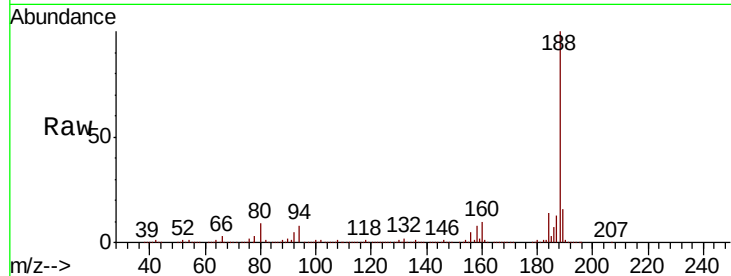
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Instrument :
BNA_F
ClientSampled :
7-(2-4)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	738162		
94	8.5		6.6	10.0
80	8.8		7.2	10.8

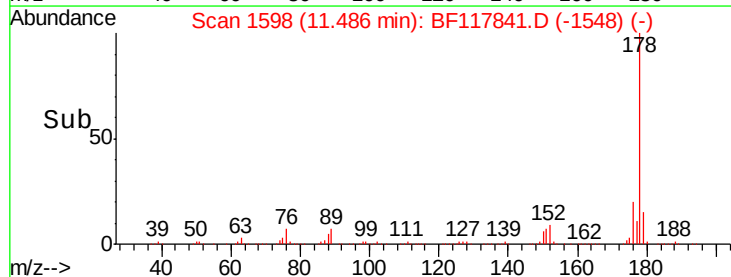
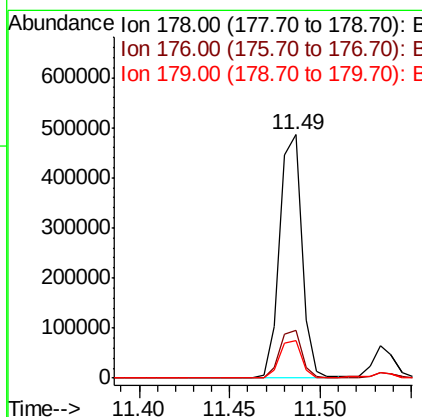
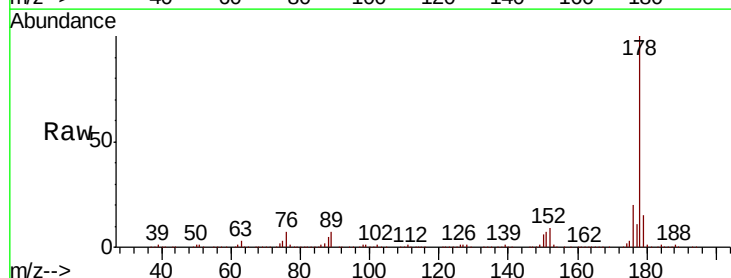
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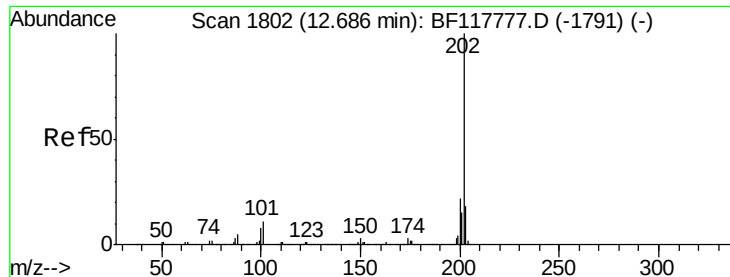
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#71
Phenanthrene
Concen: 11.218 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	416311		
176	19.5		16.6	25.0
179	15.2		13.2	19.8





#75

Fluoranthene

Concen: 4.166 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF117841.D

Acq: 18 Nov 2019 17:57

Instrument :

BNA_F

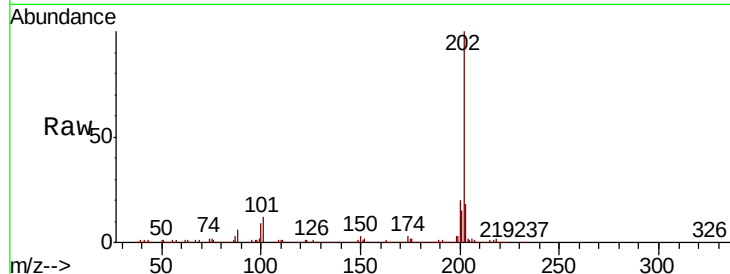
ClientSampleId :

7-(2-4)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	371558		
101	11.9	0.0	31.1	
203	18.1	0.0	38.2	

Manual Integrations
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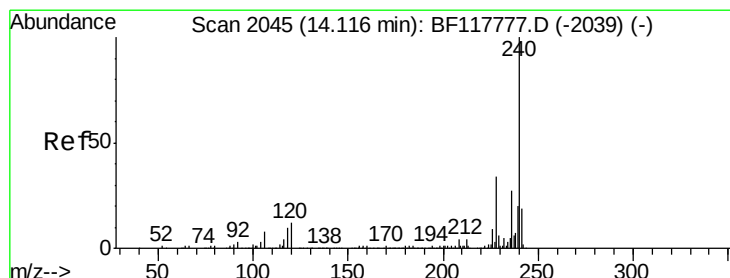
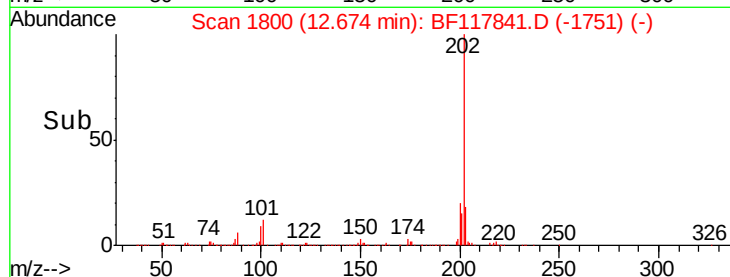
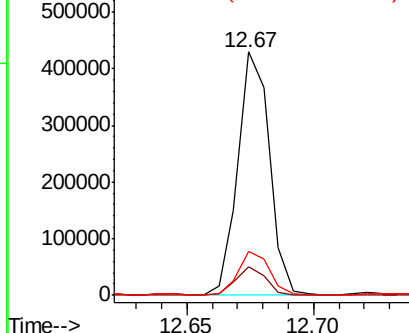


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

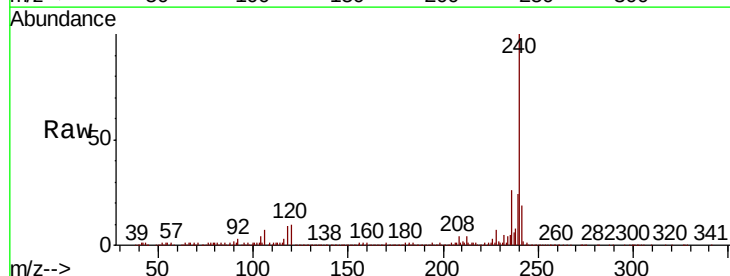
RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117841.D

Acq: 18 Nov 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	453778		
120	10.1	9.5	14.3	
236	26.4	21.3	31.9	

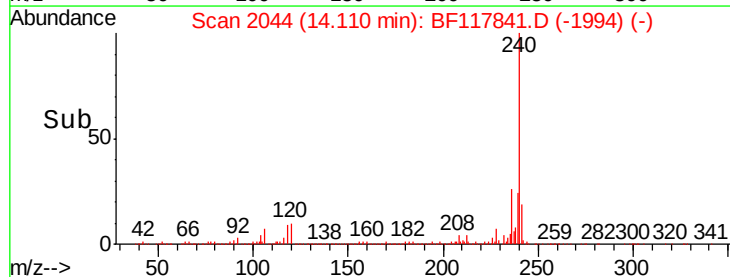
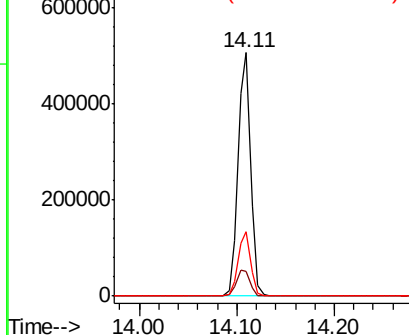


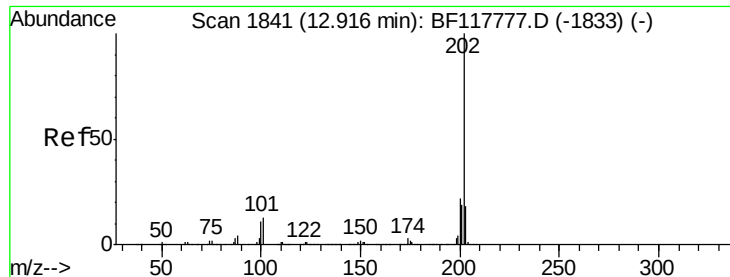
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





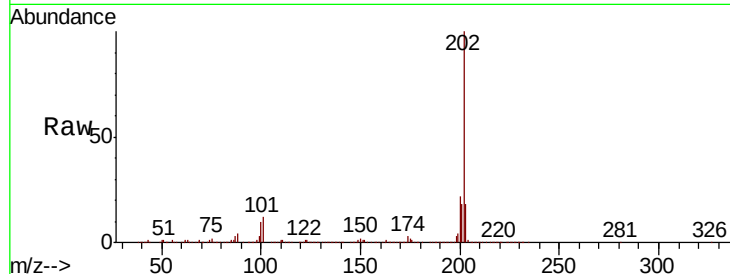
#78
Pvrene
Concen: 13.548 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Instrument :
BNA_F
ClientSampleId :
7-(2-4)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.8	26.8
203	17.7	14.6	22.0

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11/19/2019 2:35:59 PM

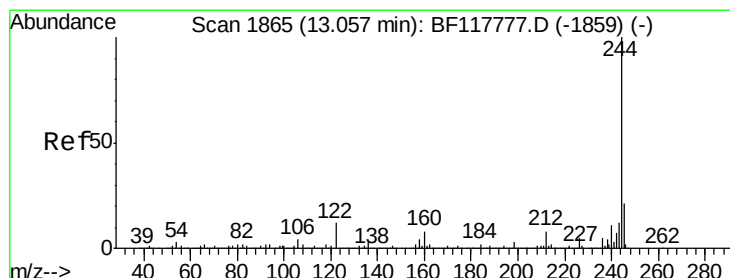
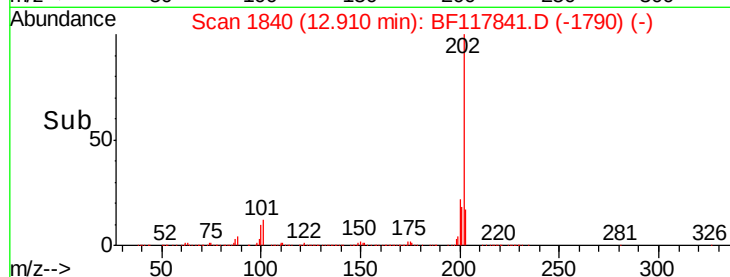
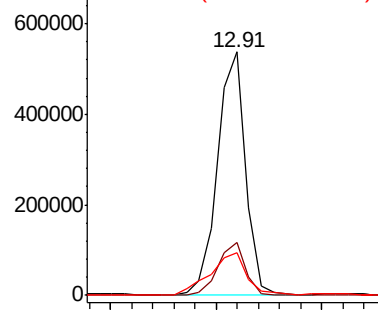


Abundance

Ion 202.00 (201.70 to 202.70): E

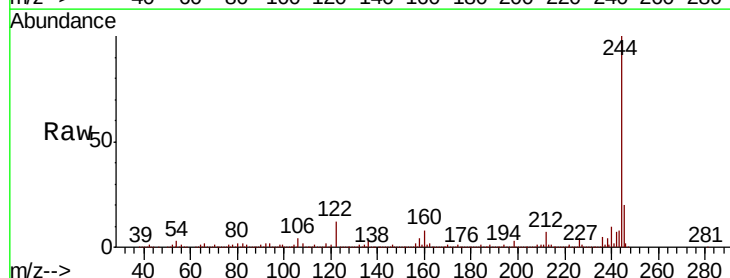
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 65.802 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	6.3	9.5
122	11.6	9.4	14.2

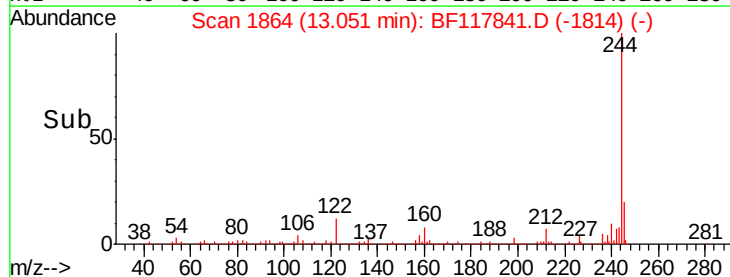
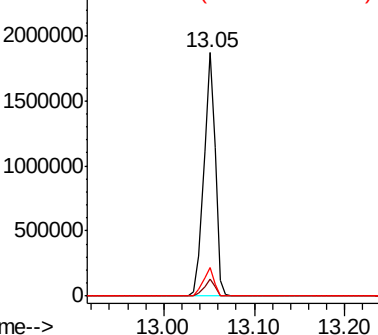


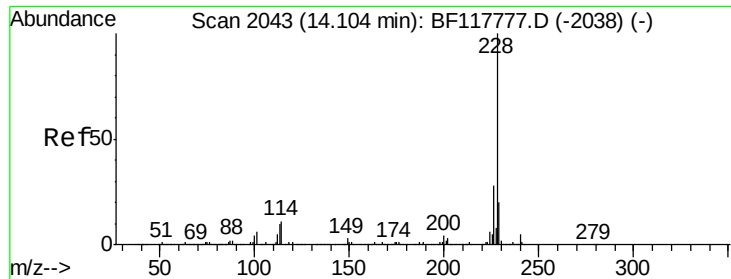
Abundance

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





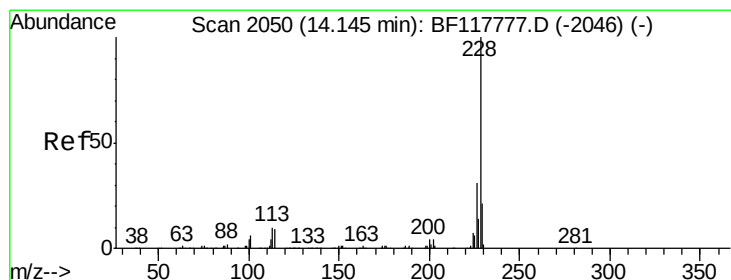
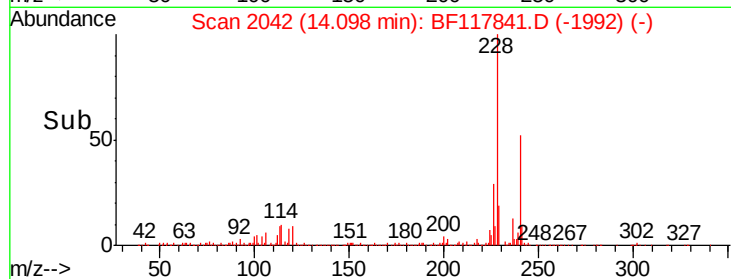
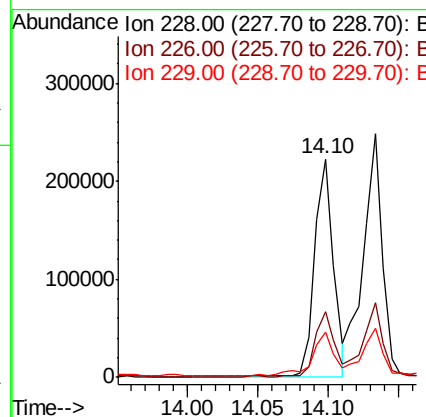
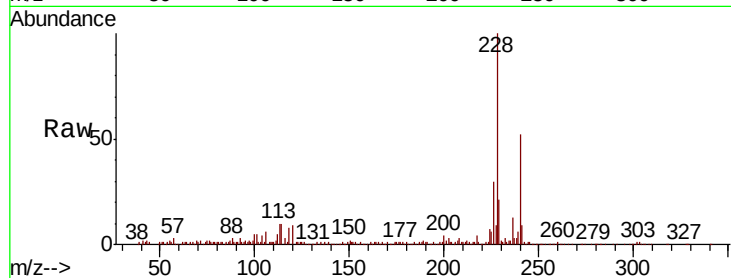
#81
Benzo(a)anthracene
Concen: 6.902 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Instrument :
BNA_F
ClientSampleId :
7-(2-4)

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.2	33.2
229	20.8	15.9	23.9

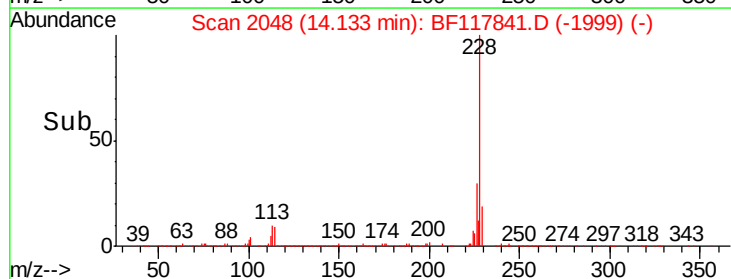
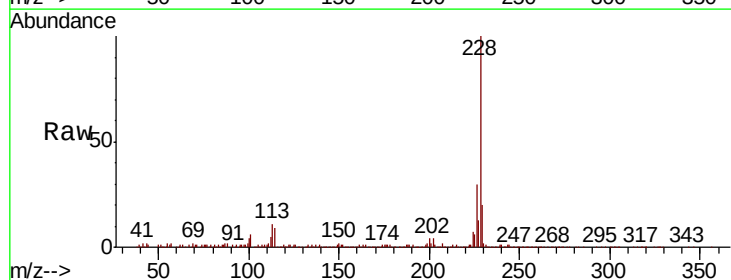
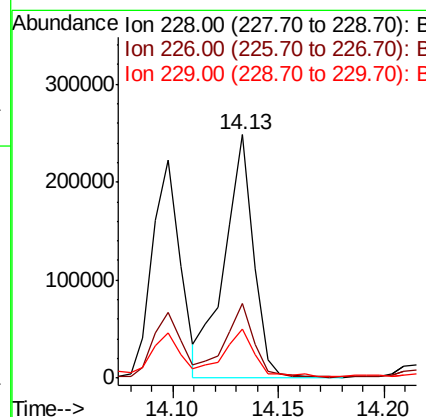
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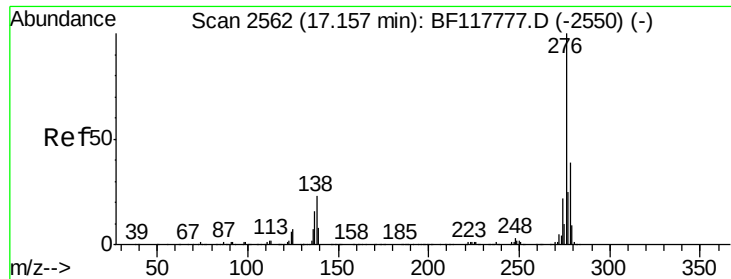
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11/19/2019 2:35:59 PM



#83
Chrysene
Concen: 8.103 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.4
229	20.2	16.6	25.0





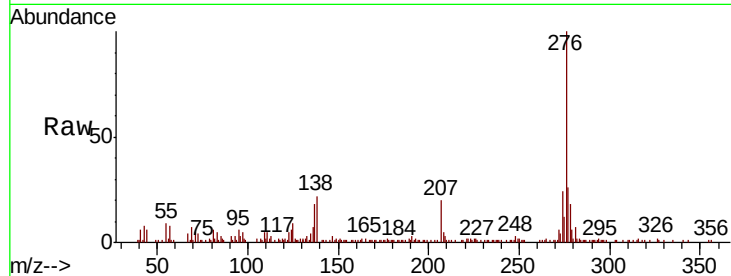
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.325 ng
 RT: 17.14 min Scan# 2559
 Delta R.T. -0.02 min
 Lab File: BF117841.D
 Acq: 18 Nov 2019 17:57

Instrument :
 BNA_F
 ClientSampled :
 7-(2-4)

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.9	31.3
277	25.7	20.3	30.5

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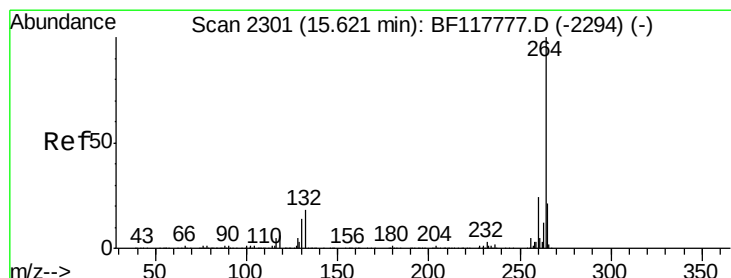
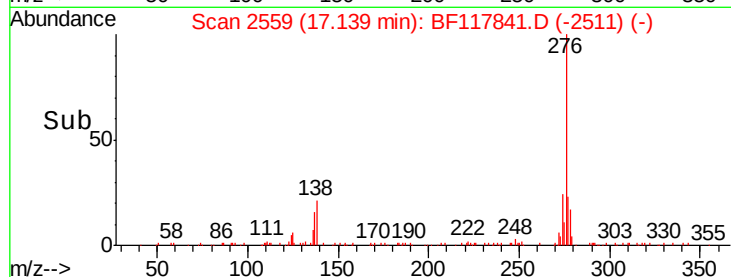
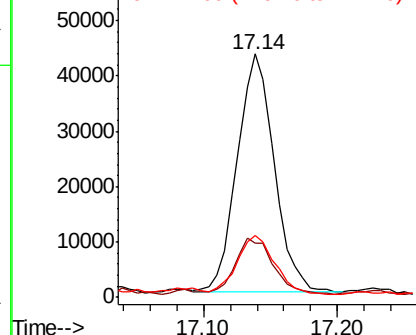


Abundance

Ion 276.00 (275.70 to 276.70): E

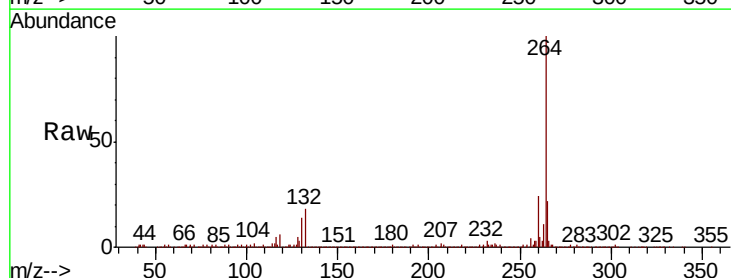
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BF117841.D
 Acq: 18 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.8	17.1	25.7

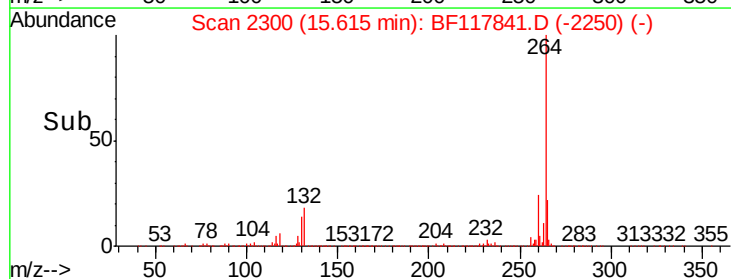
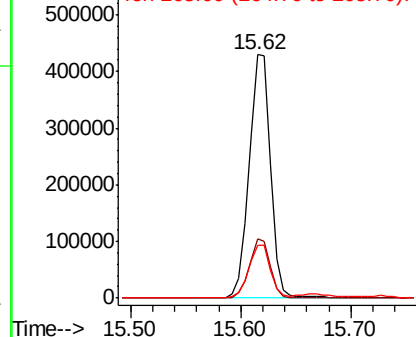


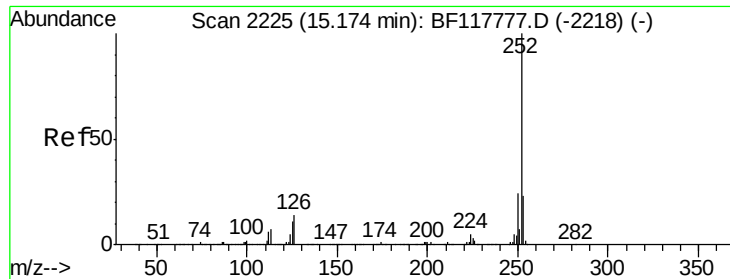
Abundance

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





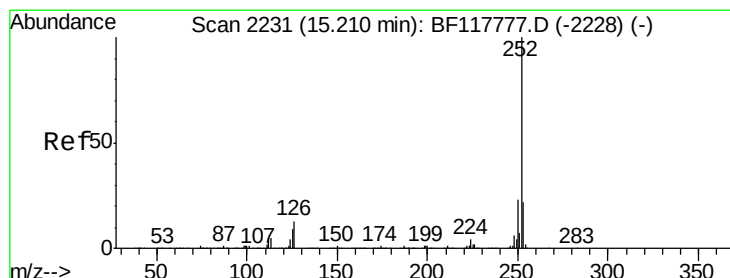
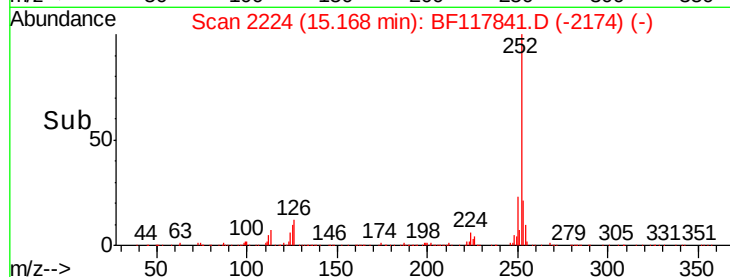
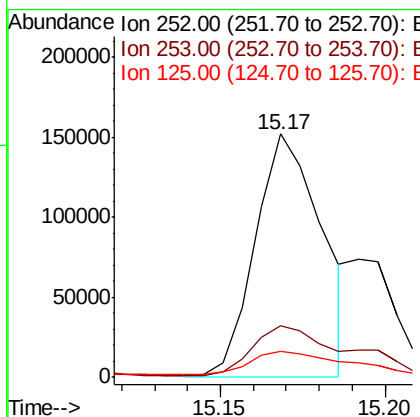
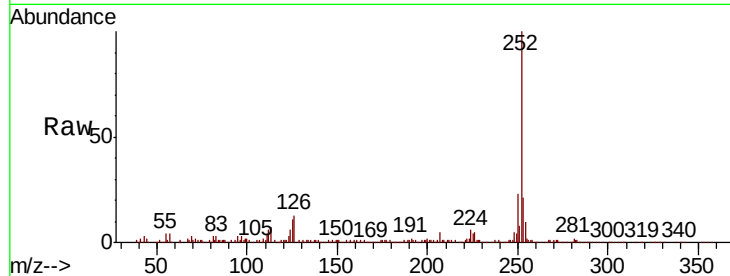
#88
Benzo(b)fluoranthene
Concen: 5.686 ng m
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Instrument :
BNA_F
ClientSampleId :
7-(2-4)

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	10.9	8.6	13.0

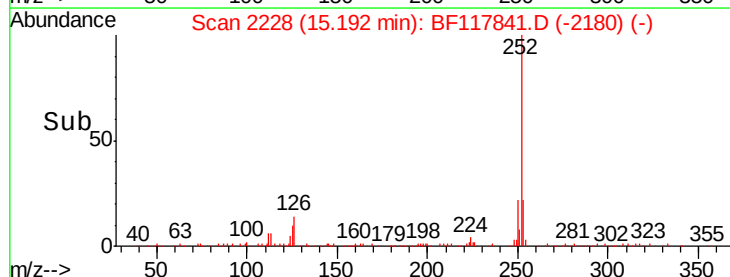
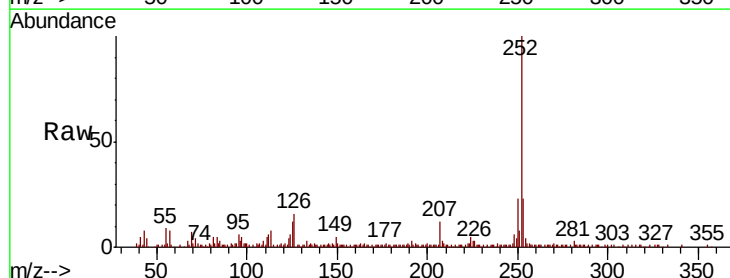
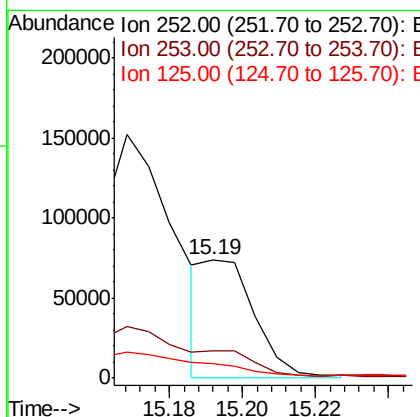
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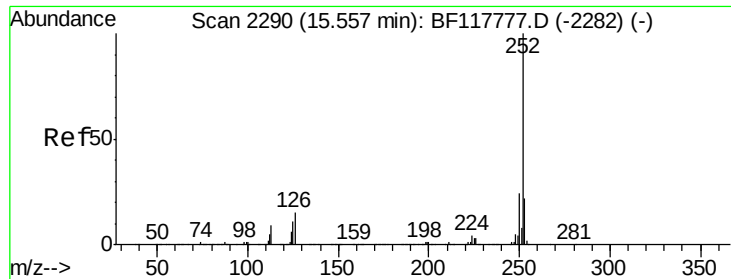
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11/19/2019 2:35:59 PM



#89
Benzo(k)fluoranthene
Concen: 2.024 ng m
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	12.3	7.9	11.9





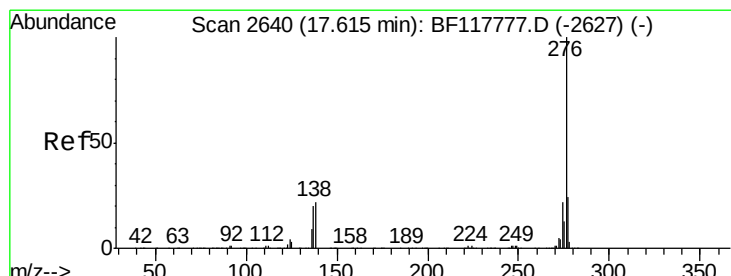
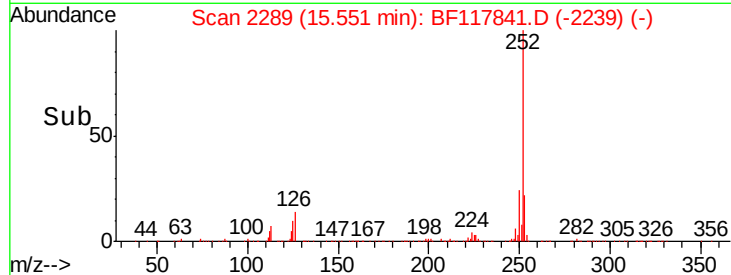
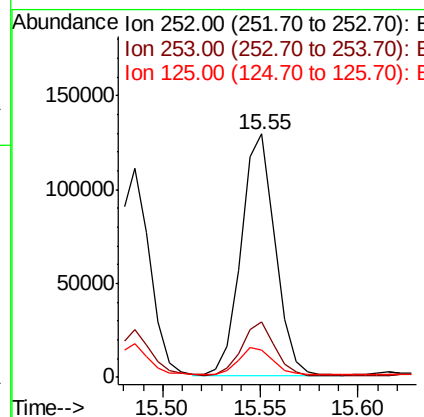
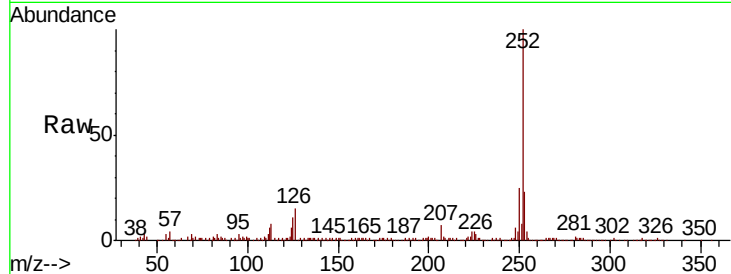
#90
Benzo(a)pyrene
Concen: 4.671 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Instrument :
BNA_F
ClientSampleId :
7-(2-4)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	11.1	9.2	13.8

Manual Integrations
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11/19/2019 2:35:59 PM



#92
Benzo(g,h,i)perylene
Concen: 3.290 ng
RT: 17.60 min Scan# 2638
Delta R.T. -0.01 min
Lab File: BF117841.D
Acq: 18 Nov 2019 17:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	22.2	17.4	26.2

