

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
 Data File : BF117723.D
 Acq On : 7 Nov 2019 23:35
 Operator : JU
 Sample : K5722-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5-C

Manual Integrations
 APPROVED

Sohil
 11/8/2019 3:31:47 PM

Quant Time: Nov 08 03:01:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	306127	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1177875	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	613869	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1080002	20.00	ng	0.00
76) Chrysene-d12	14.12	240	779482	20.00	ng	0.00
87) Perylene-d12	15.63	264	931092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1744944	103.18	ng	0.00
7) Phenol-d6	6.55	99	2277992	109.24	ng	0.00
23) Nitrobenzene-d5	7.49	82	1373171	68.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	554891	92.40	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	2328372	74.84	ng	0.00
79) Terphenyl-d14	13.06	244	2295936	60.63	ng	0.00
Target Compounds						
10) Phenol	6.56	94	80240	3.571	ng	95
50) Dimethylphthalate	9.69	163	330840	7.972	ng	98
71) Phenanthrene	11.50	178	622695	12.029	ng	96
75) Fluoranthene	12.69	202	388613	7.352	ng	96
78) Pyrene	12.92	202	443281	7.790	ng	97
81) Benzo(a)anthracene	14.11	228	175793	3.623	ng	95
83) Chrysene	14.14	228	215954	4.507	ng	98
84) Bis(2-ethylhexyl)phthalate	14.10	149	73103	2.156	ng	100
86) Indeno(1,2,3-cd)pyrene	17.15	276	108493	2.433	ng	93
88) Benzo(b)fluoranthene	15.18	252	281750m	4.805	ng	
90) Benzo(a)pyrene	15.56	252	153352	3.017	ng	# 97
92) Benzo(a,h,i)perylene	17.62	276	98848	2.237	ng	99

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

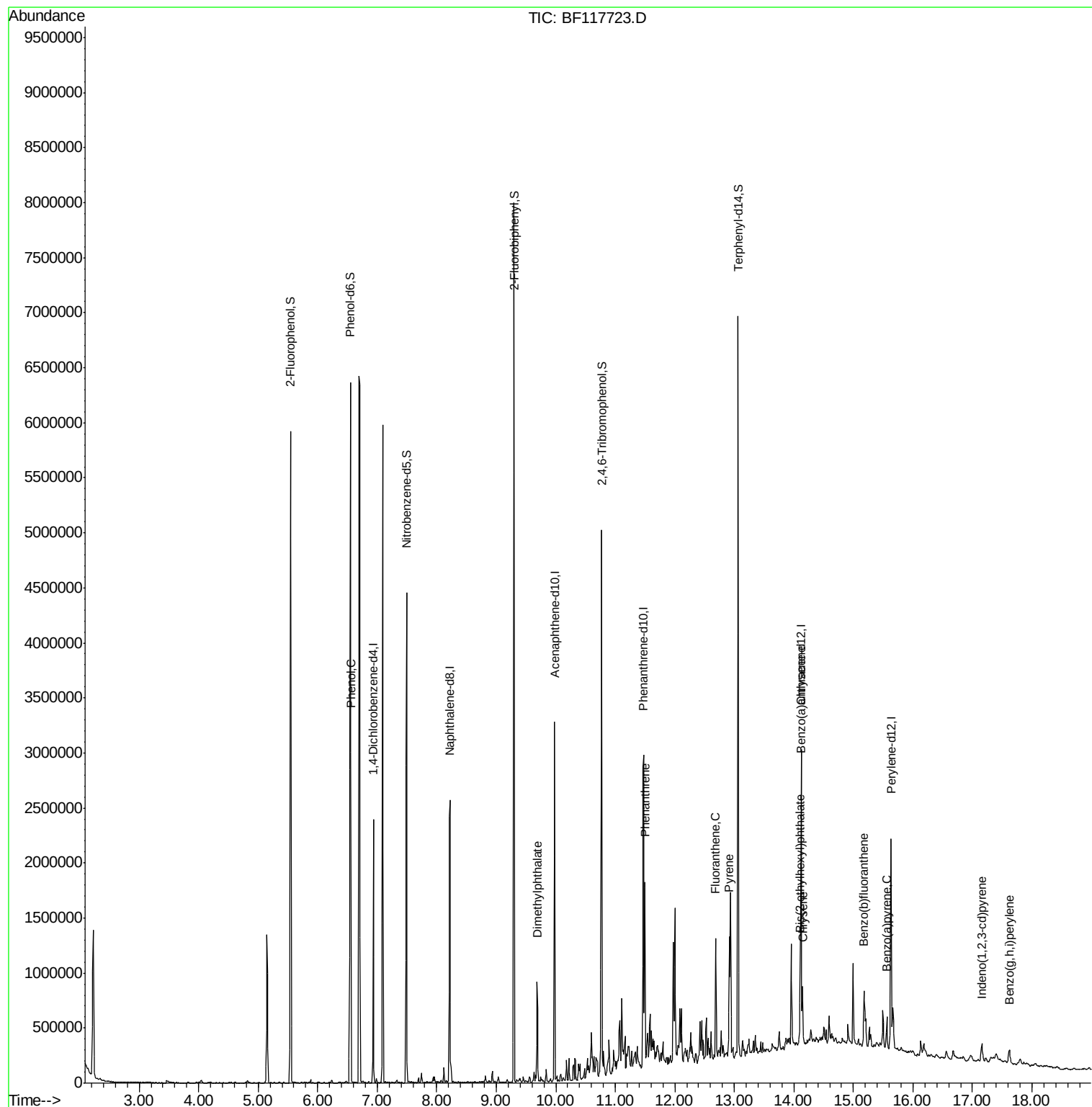
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
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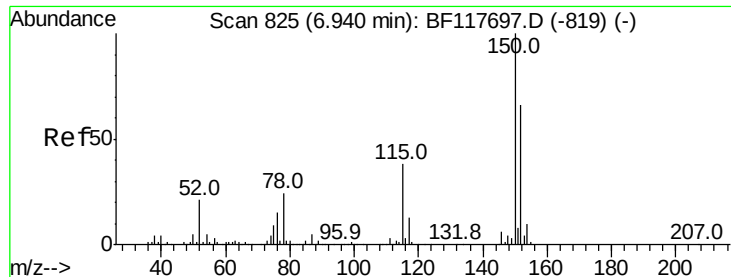
Instrument :
BNA_F
ClientSampleId :
5-C

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Quant Time: Nov 08 03:01:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

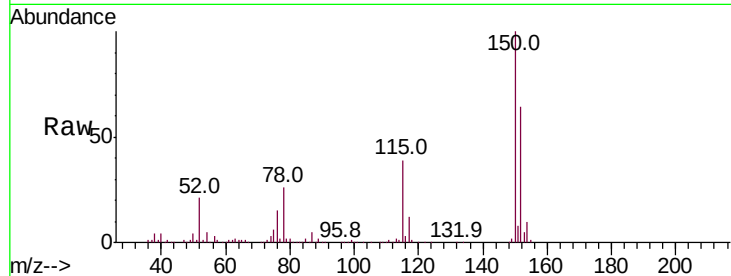
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :
5-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	121.4	182.2
115	61.2	46.7	70.1

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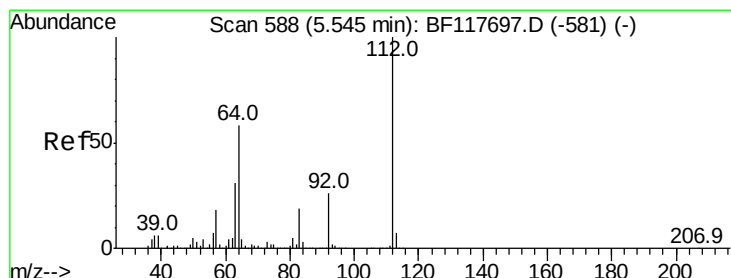
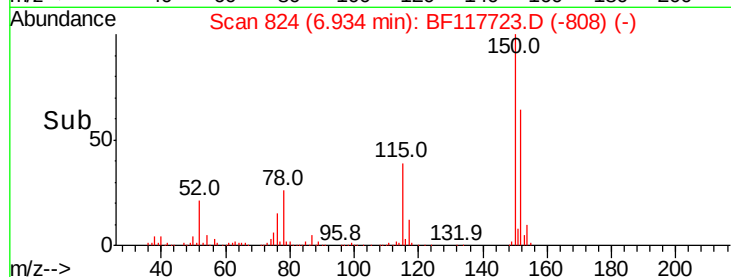
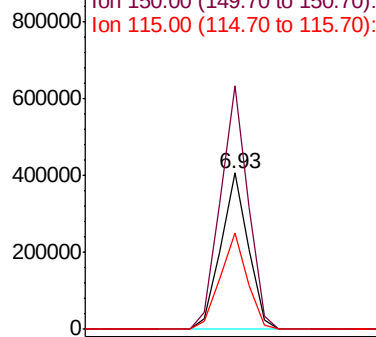


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

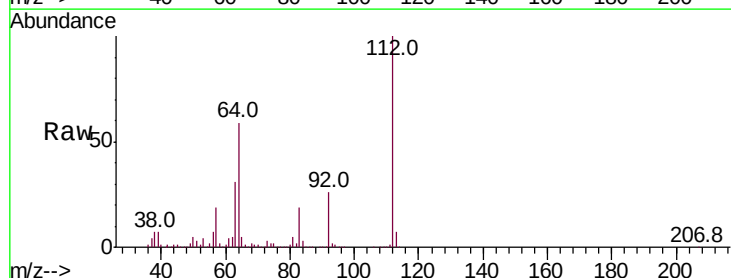
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.180 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	46.4	69.6
63	31.3	24.6	37.0

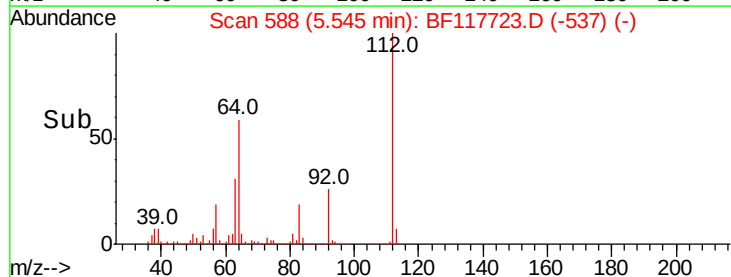
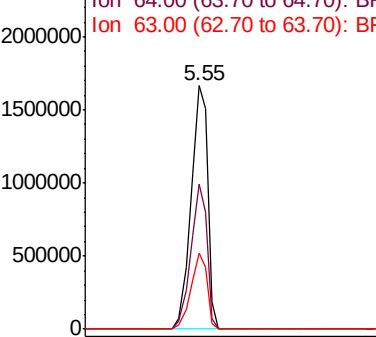


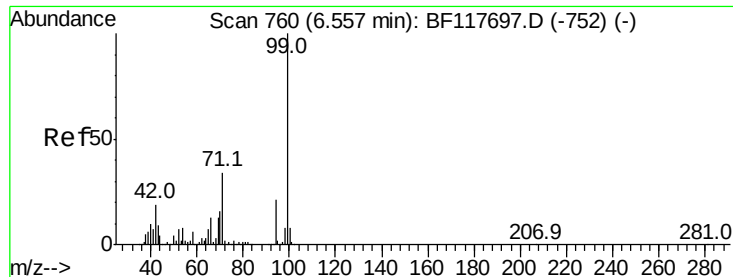
Abundance

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: 109.243 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117723.D

Acq: 7 Nov 2019 23:35

Instrument :

BNA_F

ClientSampled :

5-C

Tot Ion: 99 Resp: 2277992

Ion Ratio Lower Upper

99 100

42 20.2 15.3 22.9

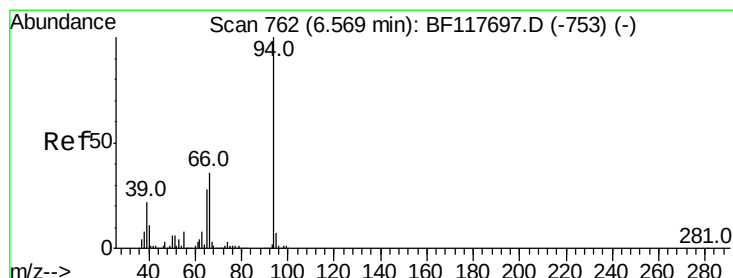
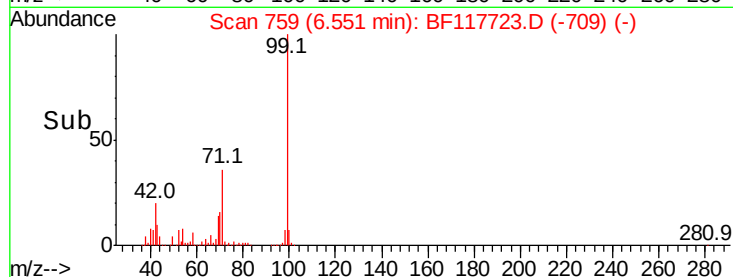
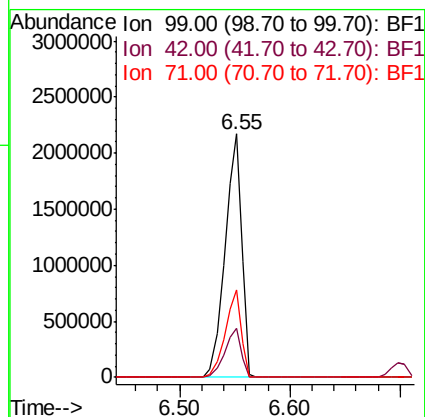
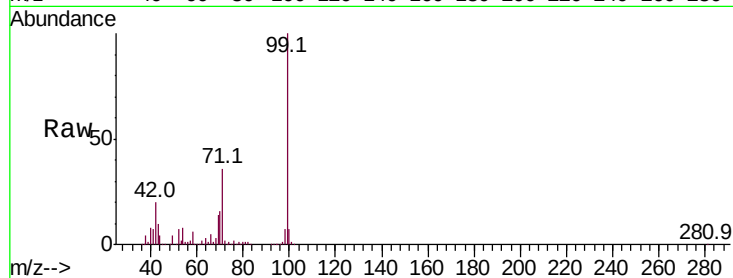
71 35.9 26.8 40.2

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#10

Phenol

Concen: 3.571 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF117723.D

Acq: 7 Nov 2019 23:35

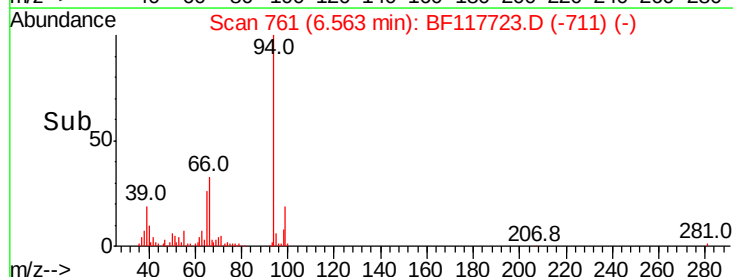
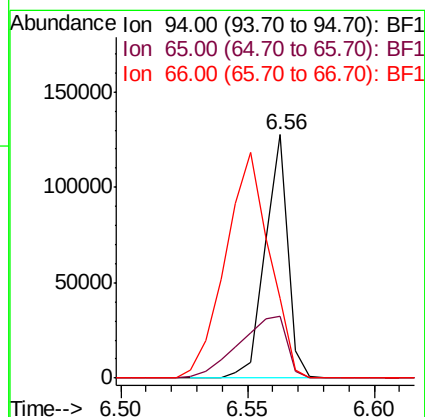
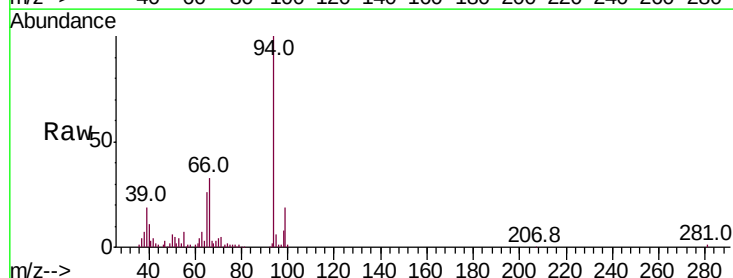
Tgt Ion: 94 Resp: 80240

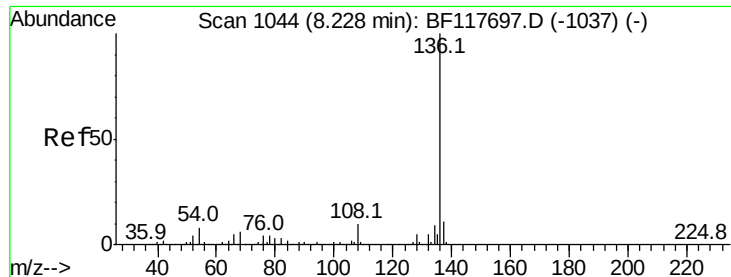
Ion Ratio Lower Upper

94 100

65 25.6 7.6 47.6

66 32.7 16.1 56.1





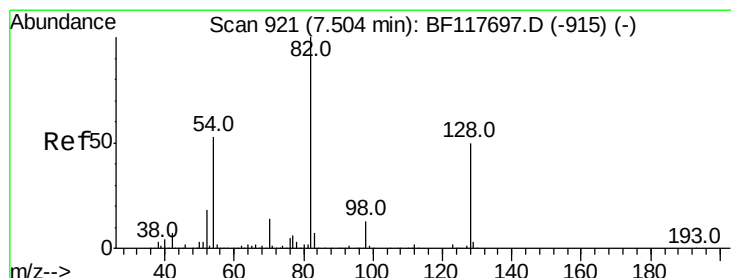
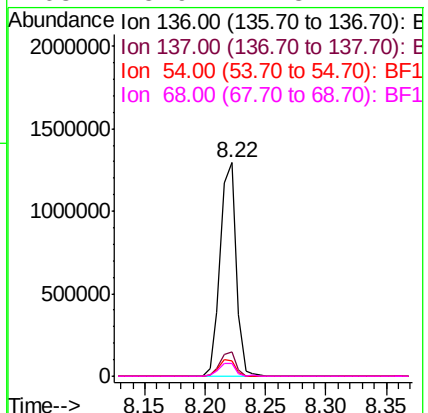
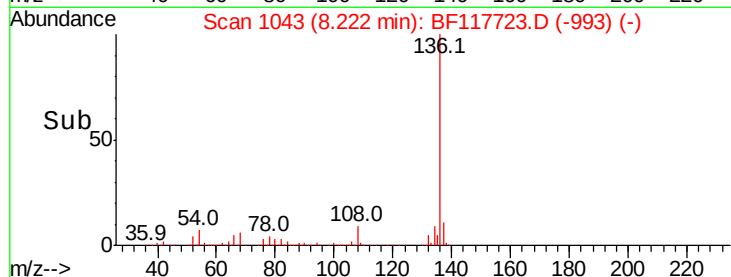
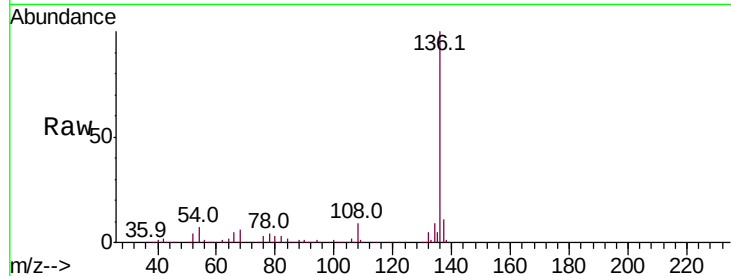
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :
5-C

Tot Ion	136	Resp	1177875
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.2	6.0	9.0
68	5.9	4.8	7.2

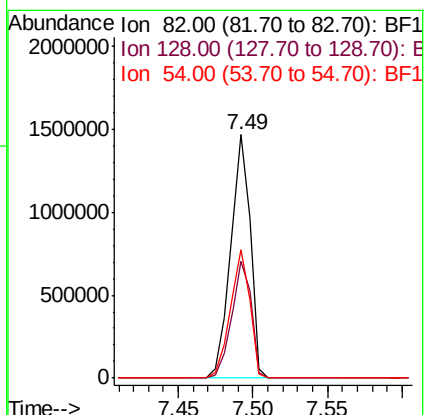
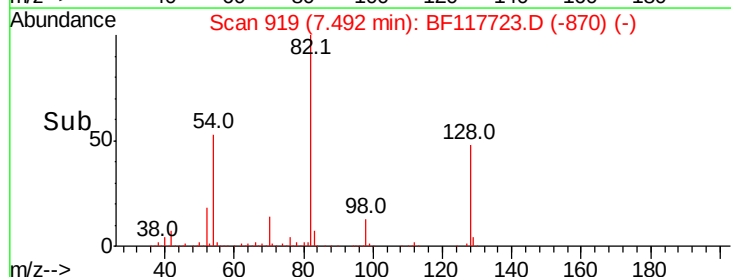
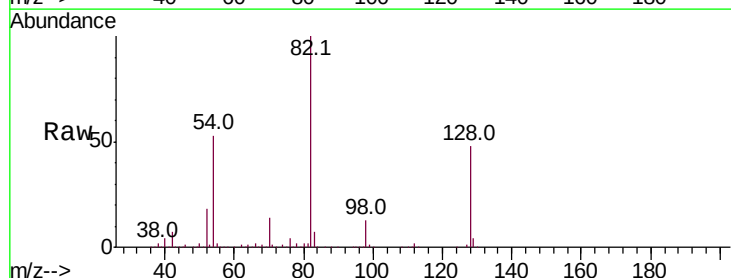
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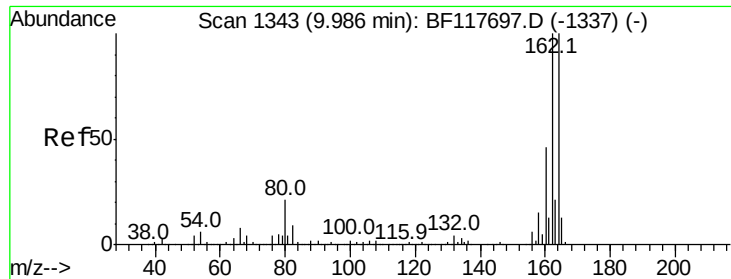
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#23
Nitrobenzene-d5
Concen: 68.828 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

Tgt Ion	82	Resp	1373171
Ion	Ratio	Lower	Upper
82	100		
128	48.1	40.2	60.2
54	52.5	42.0	63.0





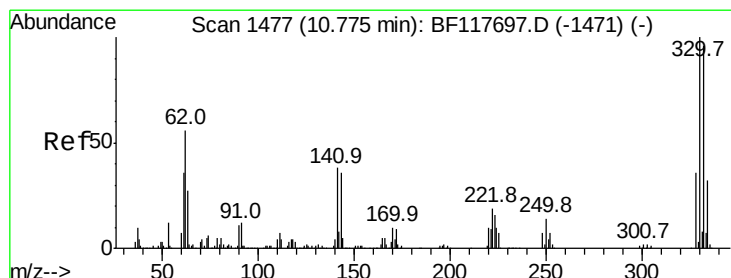
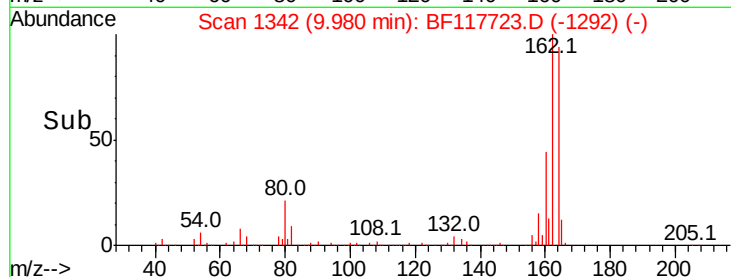
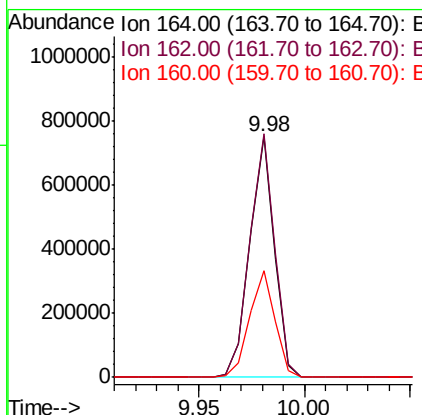
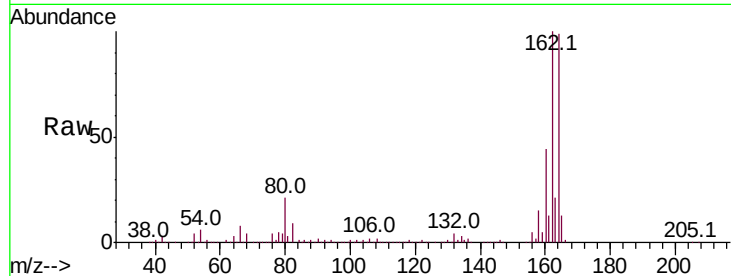
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

Instrument :
BNA_F
ClientSampled :
5-C

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.7	119.5
160	44.5	36.5	54.7

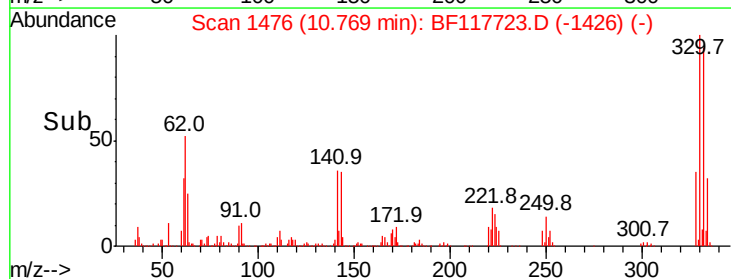
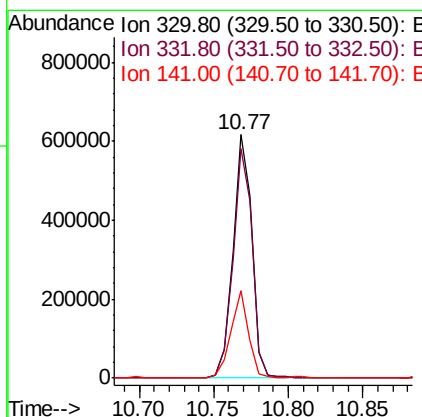
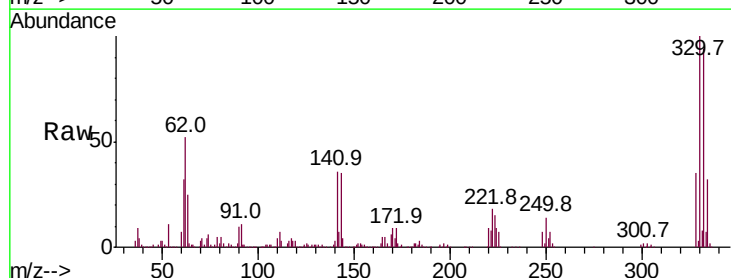
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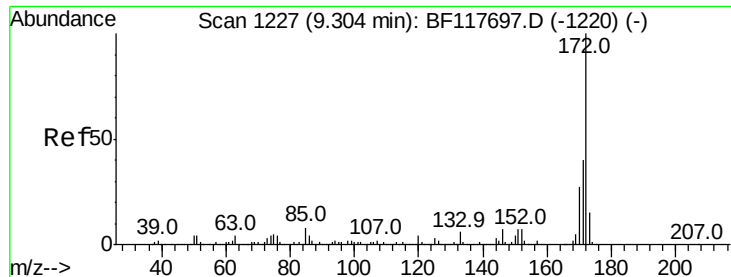
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#42
2,4,6-Tribromophenol
Concen: 92.404 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.4	116.0
141	33.8	28.0	42.0





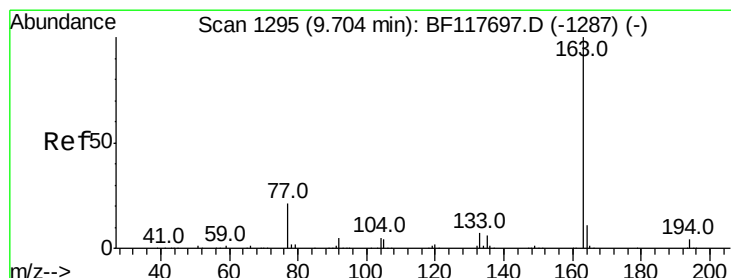
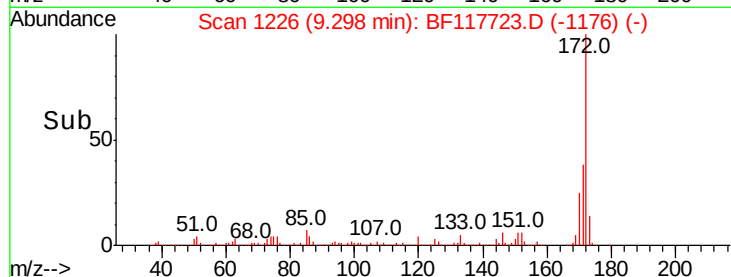
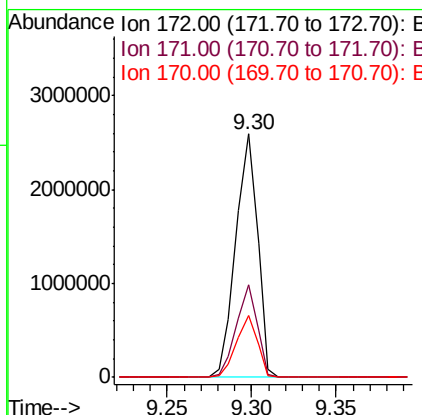
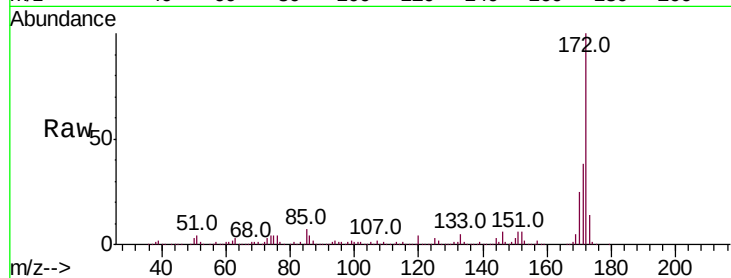
#45
2-Fluorobiphenyl
Concen: 74.835 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :
5-C

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.8	47.8
170	25.5	21.6	32.4

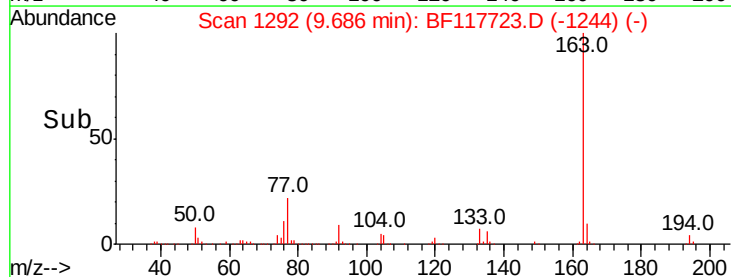
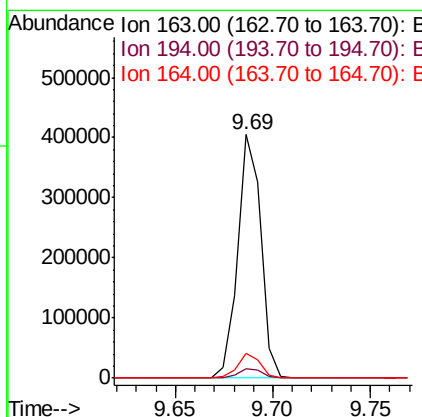
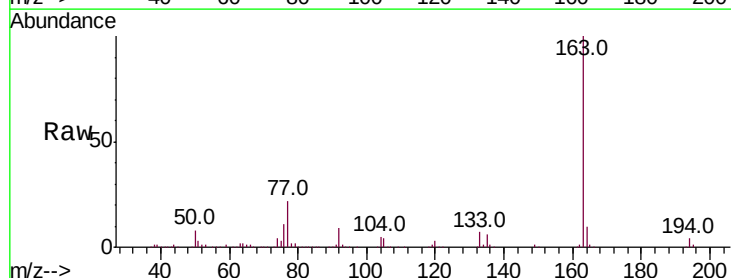
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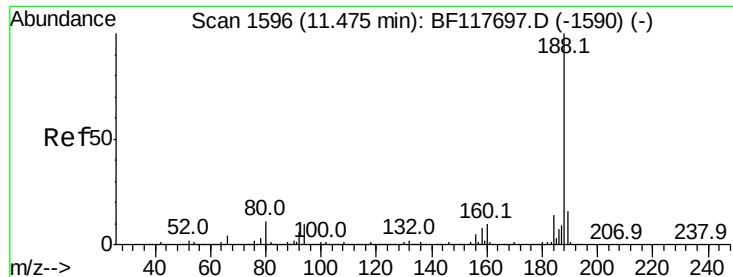
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#50
Dimethylphthalate
Concen: 7.972 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.2	8.9	13.3





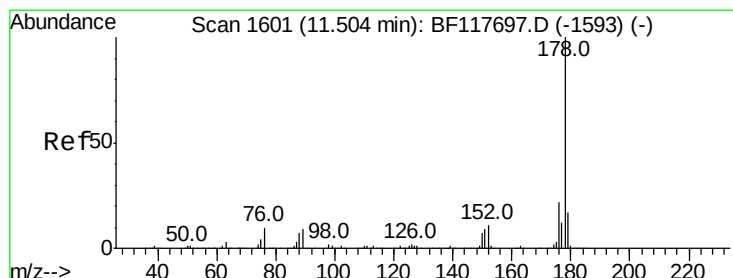
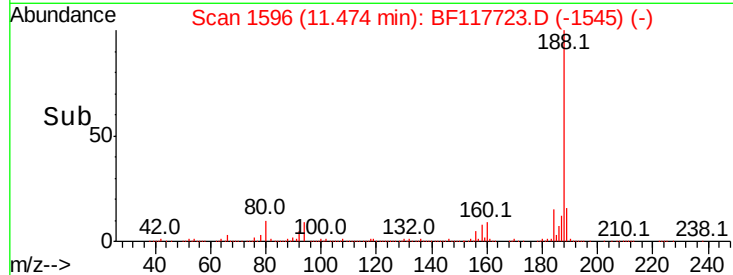
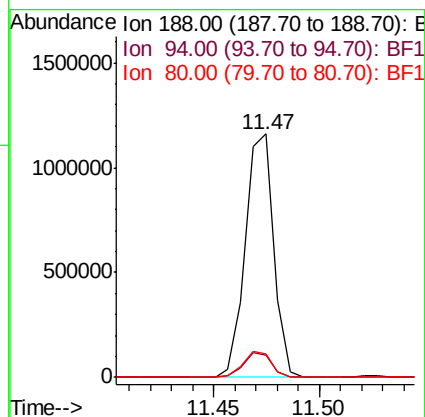
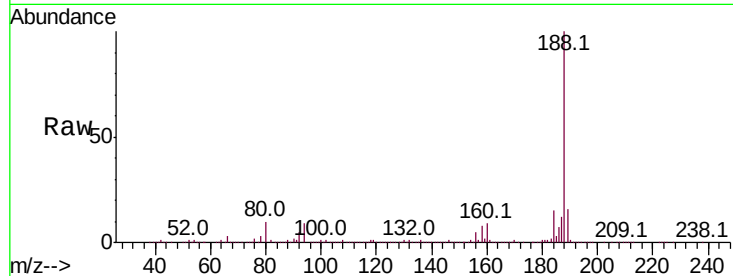
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:188	Resp: 1080002
Ion Ratio	Lower Upper
188 100	
94 9.1	8.2 12.4
80 9.7	8.6 13.0

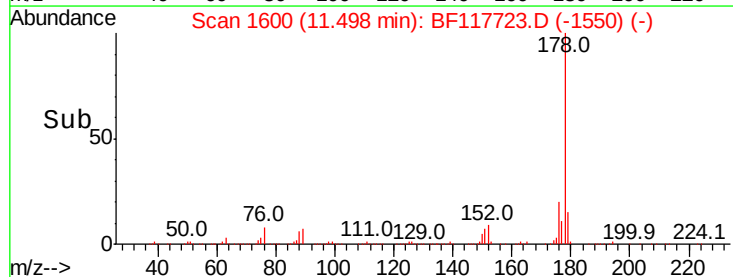
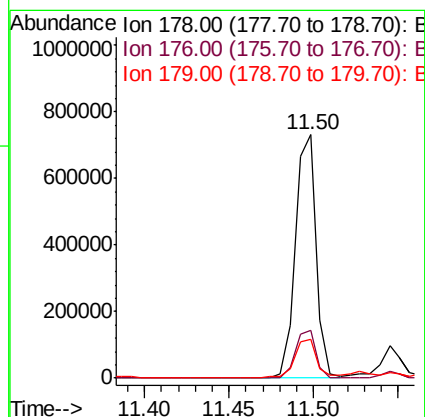
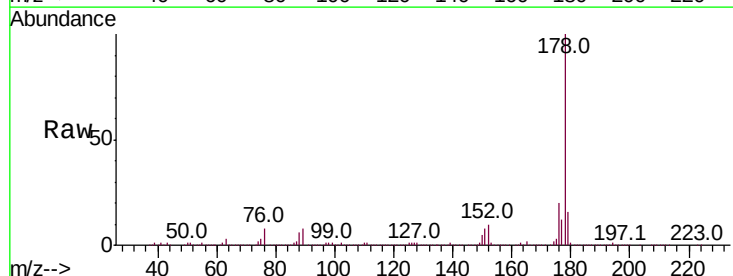
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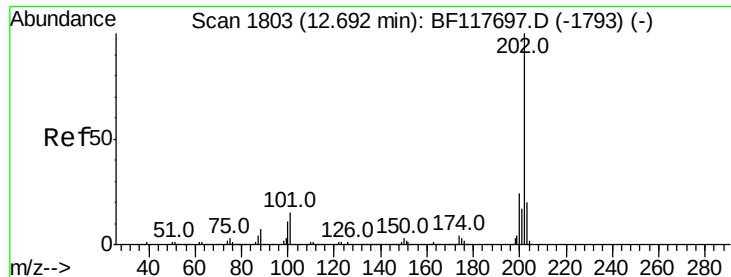
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#71
Phenanthrene
Concen: 12.029 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

Tgt	Ion:178	Resp:	622695
Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.7	26.5
179	15.7	13.8	20.8





#75

Fluoranthene

Concen: 7.352 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF117723.D

Acq: 7 Nov 2019 23:35

Instrument :

BNA_F

ClientSampleId :

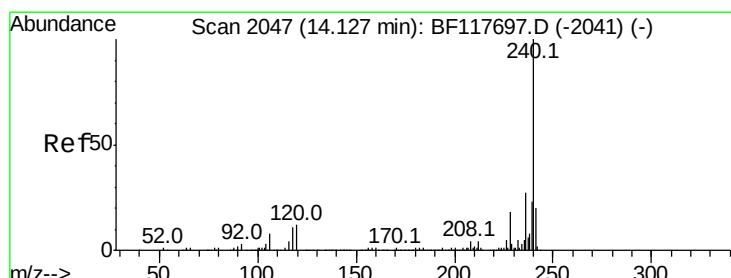
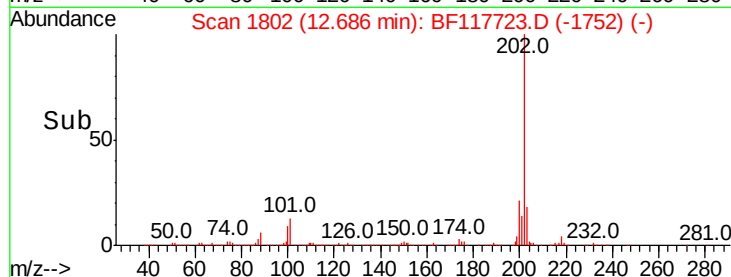
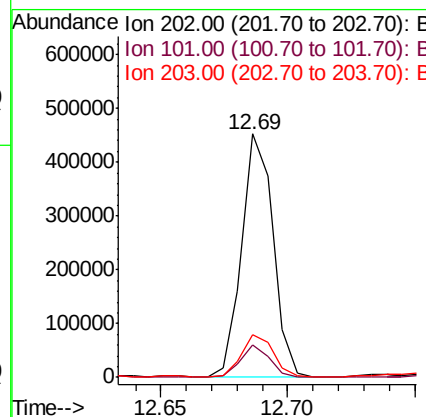
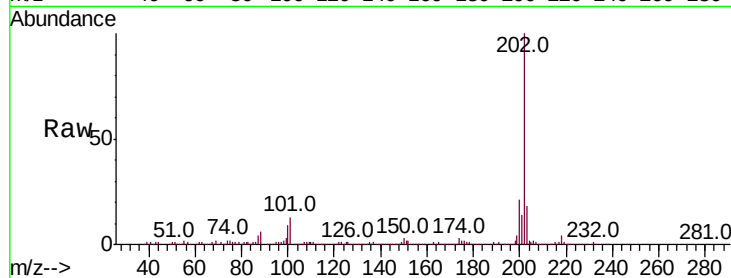
5-C

Tot Ion:	202	Resp:	388613
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	34.5
203	17.7	0.0	39.8

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

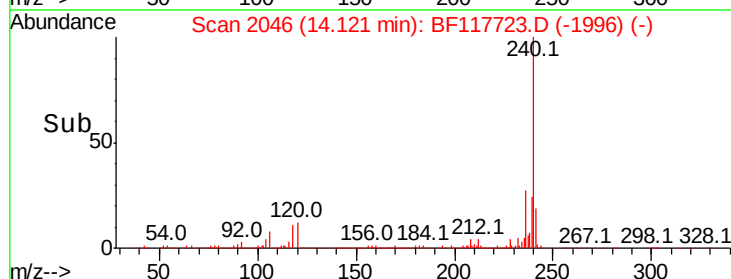
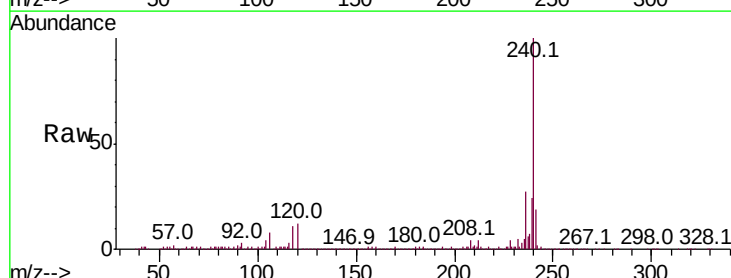
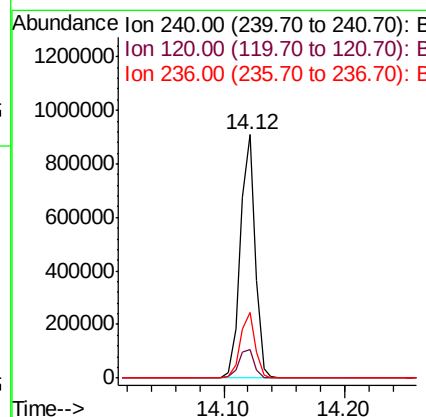
RT: 14.12 min Scan# 2046

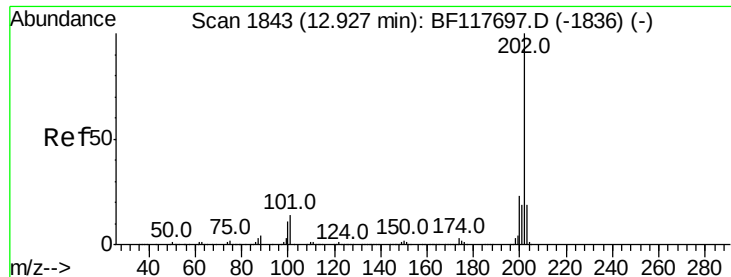
Delta R.T. -0.01 min

Lab File: BF117723.D

Acq: 7 Nov 2019 23:35

Tgt Ion:	240	Resp:	779482
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.7	14.5
236	26.8	21.9	32.9





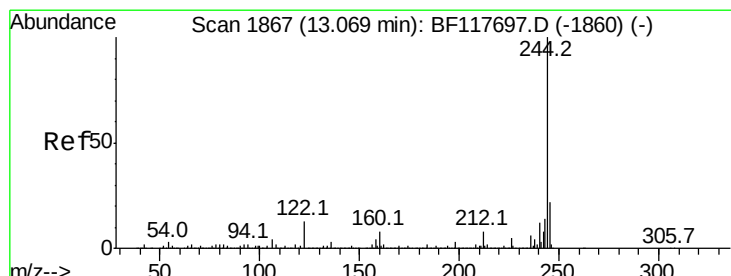
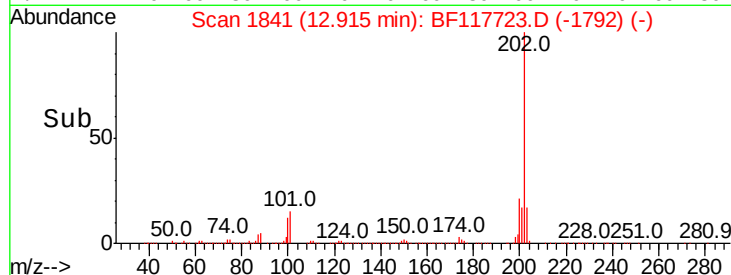
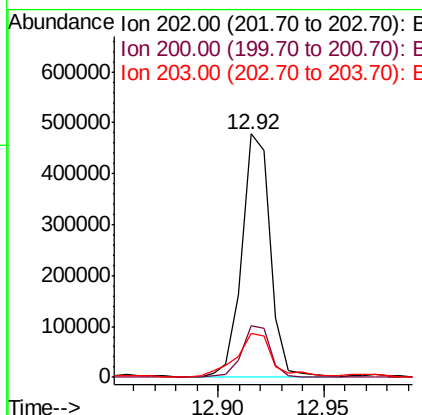
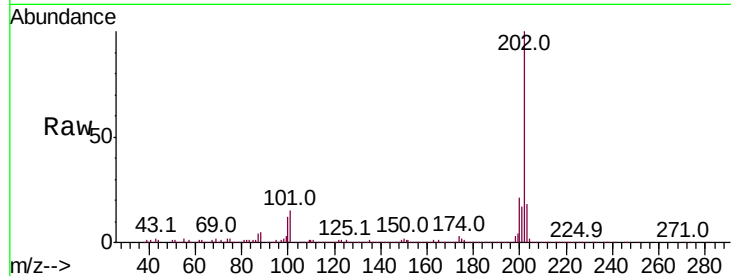
#78
Pvrene
Concen: 7.790 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

Instrument :
BNA_F
ClientSampled :
5-C

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.8	28.2
203	18.3	15.2	22.8

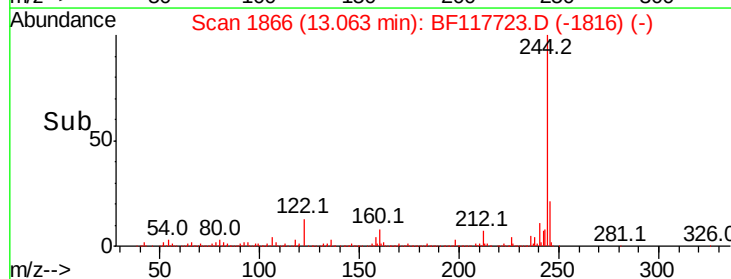
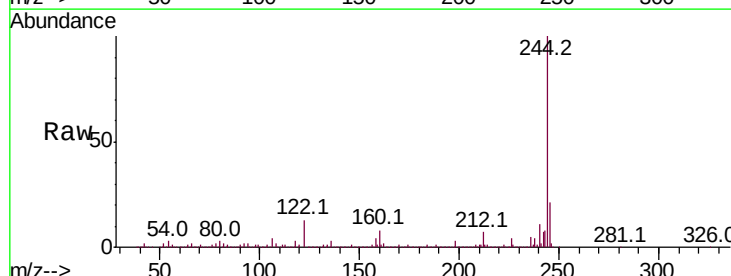
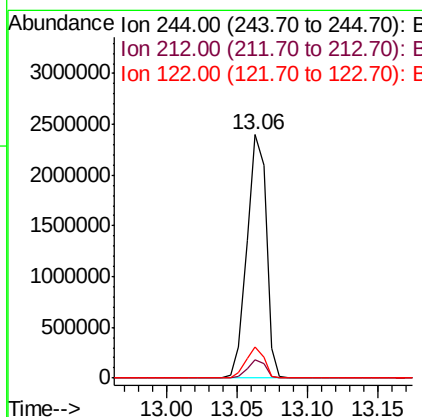
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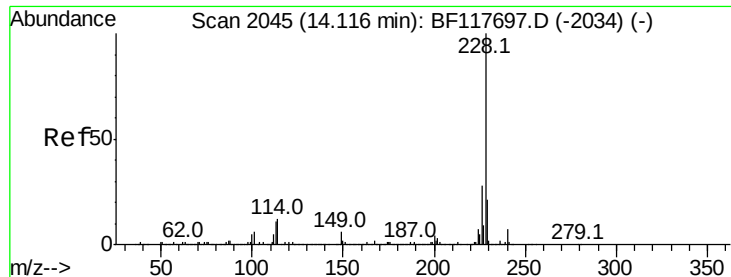
Sohil
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#79
Terphenyl-d14
Concen: 60.635 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	12.8	10.0	15.0





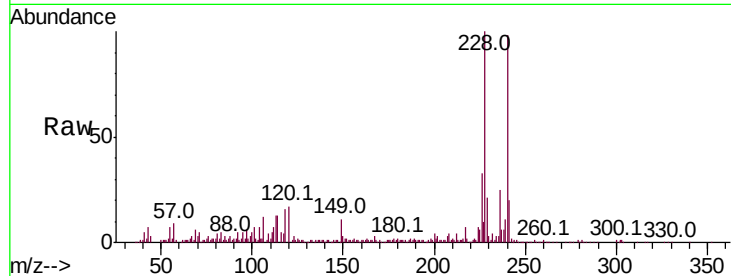
#81
Benzo(a)anthracene
Concen: 3.623 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

Instrument :
BNA_F
ClientSampled :
5-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.3	22.8	34.2
229	21.0	16.9	25.3

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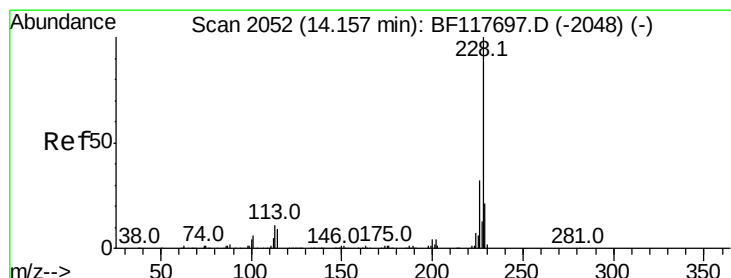
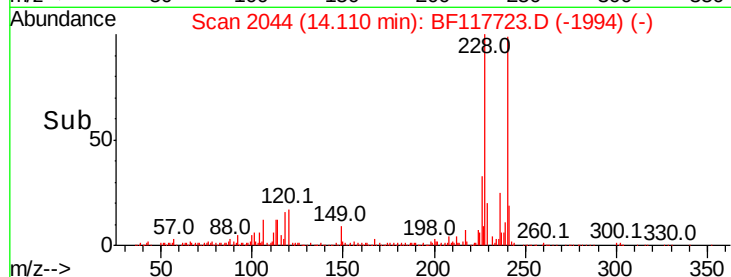
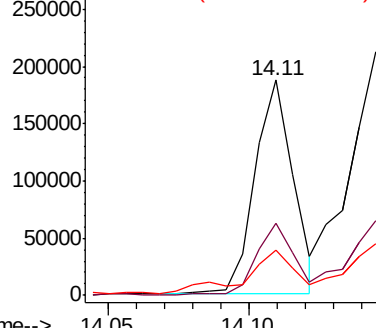


Abundance

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



#83
Chrysene
Concen: 4.507 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

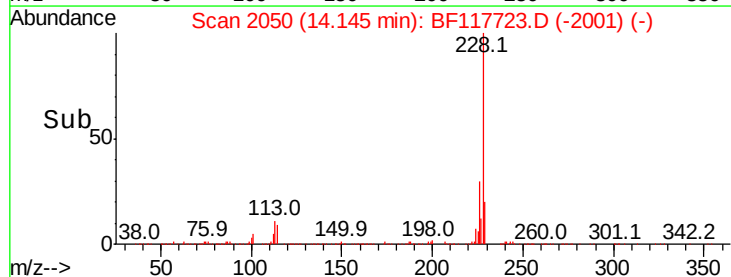
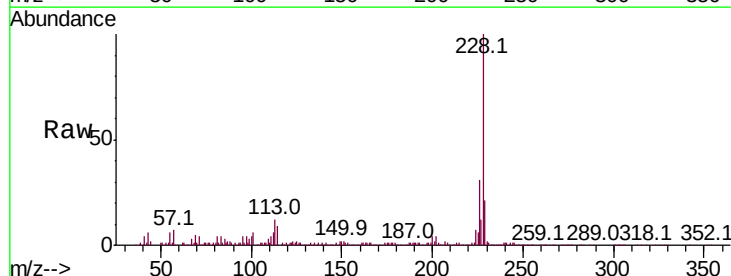
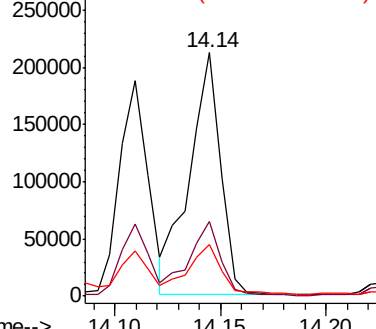
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	21.2	16.6	24.8

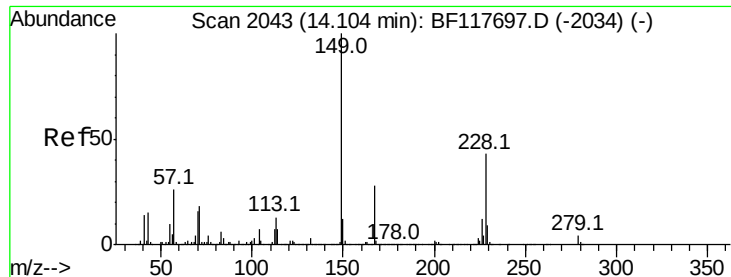
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.156 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF117723.D

Acq: 7 Nov 2019 23:35

Instrument :

BNA_F

ClientSampleId :

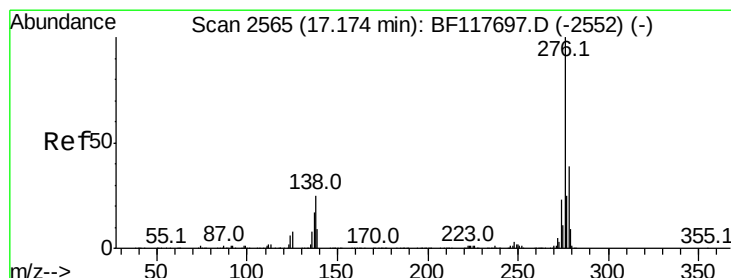
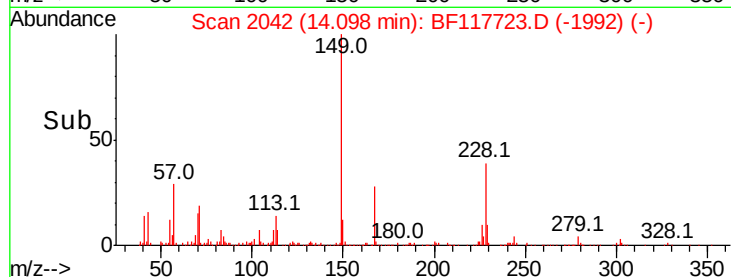
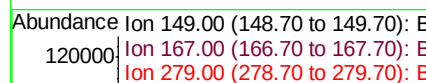
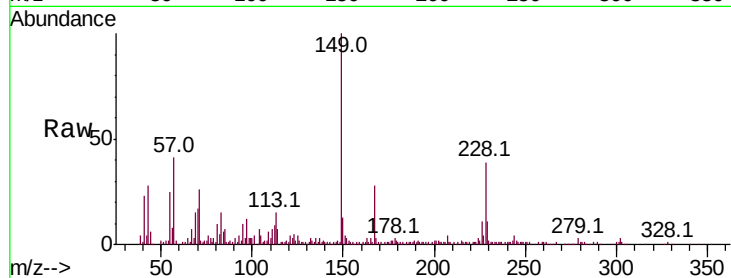
5-C

Tot Ion:	149	Resp:	73103
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.2	33.2
279	3.5	3.4	5.2

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#86

Indeno(1,2,3-cd)pyrene

Concen: 2.433 ng

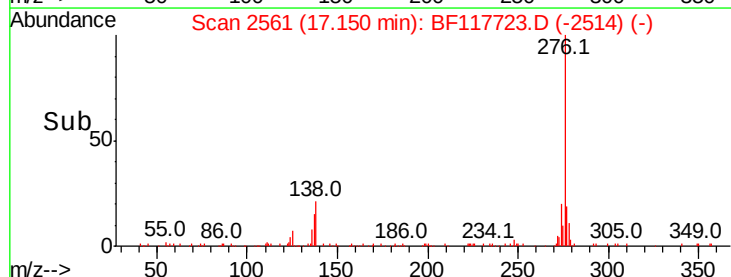
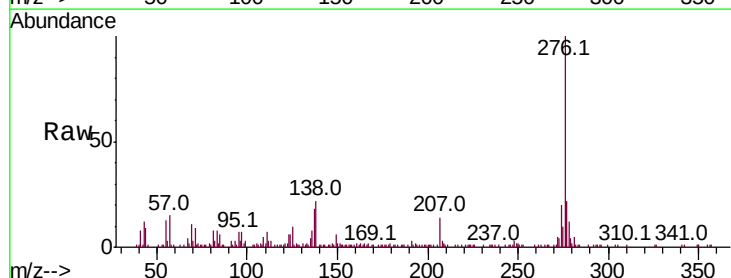
RT: 17.15 min Scan# 2561

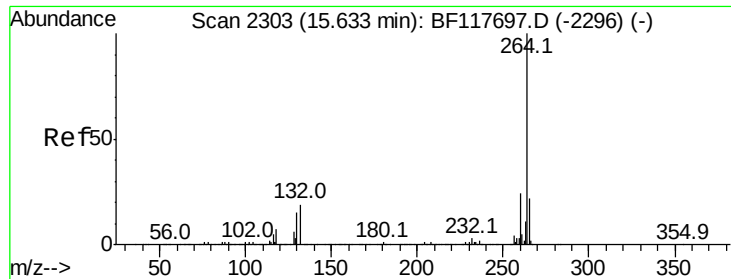
Delta R.T. -0.02 min

Lab File: BF117723.D

Acq: 7 Nov 2019 23:35

Tgt Ion:	276	Resp:	108493
Ion Ratio	Lower	Upper	
276	100		
138	23.3	22.4	33.6
277	23.6	20.6	30.8





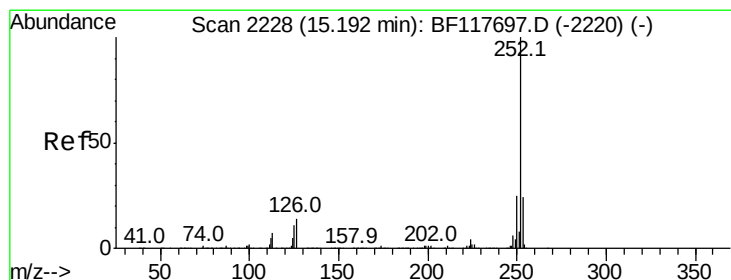
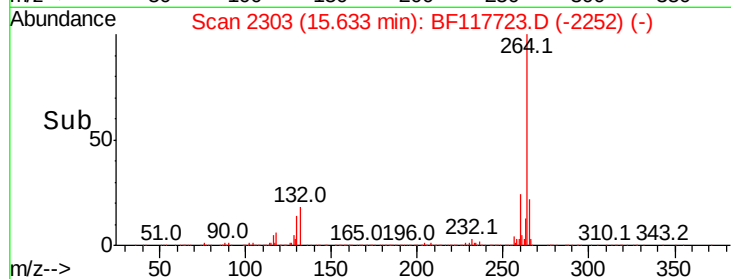
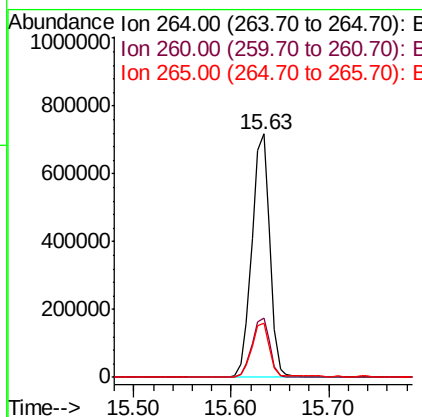
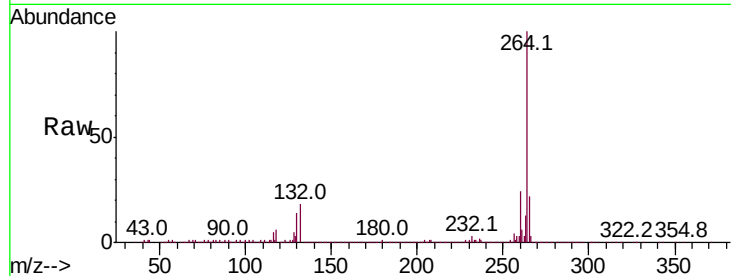
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :
5-C

Tot Ion:	264	Resp:	931092
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.8	28.2
265	22.4	17.7	26.5

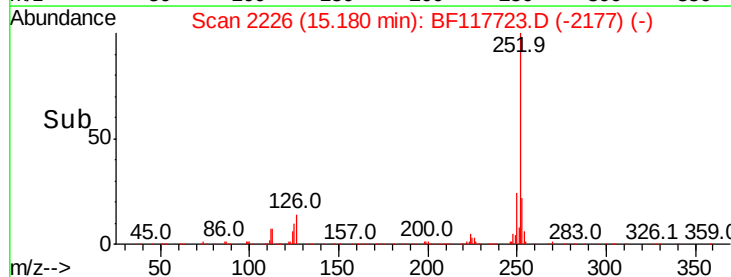
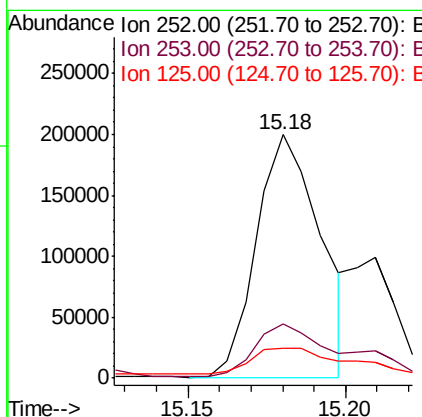
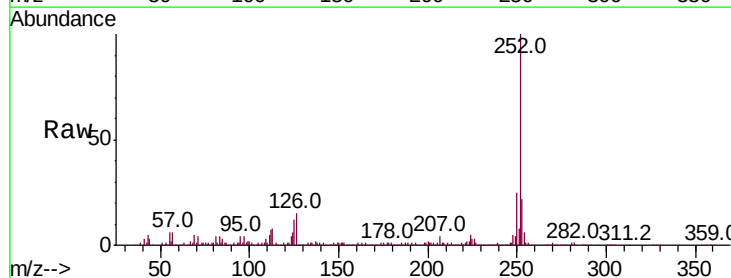
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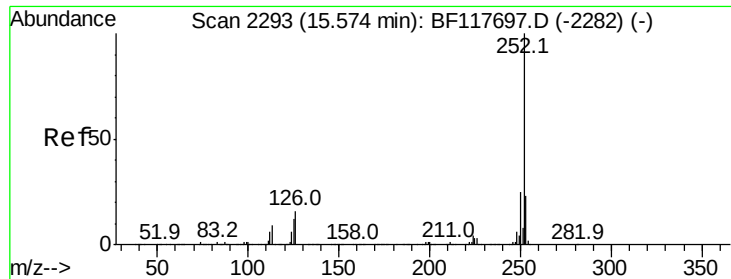
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#88
Benzo(b)fluoranthene
Concen: 4.805 ng m
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

Tgt Ion:	252	Resp:	281750
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.9	28.3
125	12.2	8.5	12.7





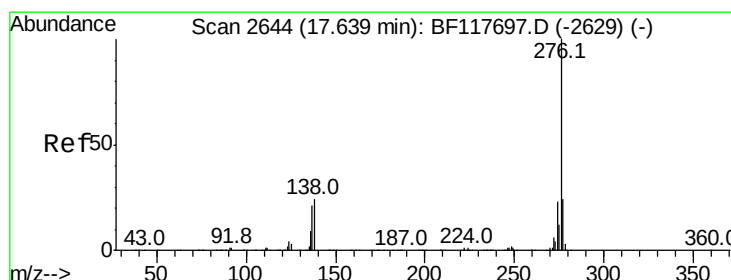
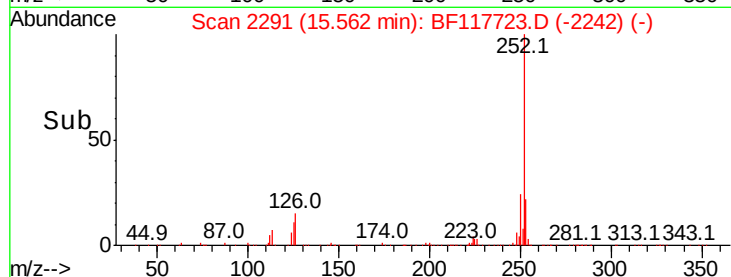
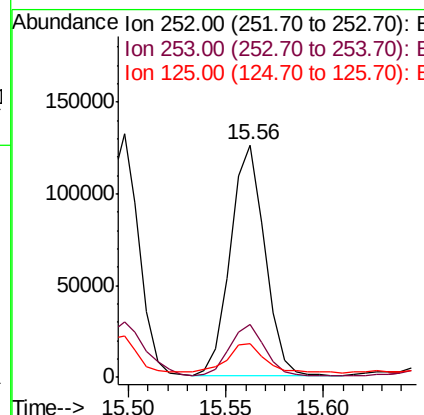
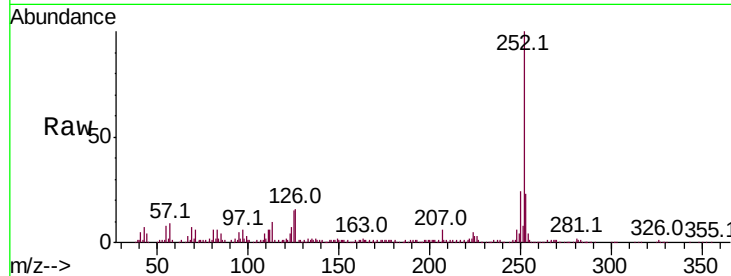
#90
Benzo(a)pyrene
Concen: 3.017 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :
5-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	14.6	9.5	14.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.237 ng
RT: 17.62 min Scan# 2641
Delta R.T. -0.02 min
Lab File: BF117723.D
Acq: 7 Nov 2019 23:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.0
138	23.8	19.2	28.8

