

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
 Data File : BF117718.D
 Acq On : 7 Nov 2019 21:21
 Operator : JU
 Sample : K5722-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-A

Manual Integrations
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 11/8/2019 3:31:41 PM

Quant Time: Nov 08 02:44:40 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	318751	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1219930	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	632463	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1087299	20.00	ng	0.00
76) Chrysene-d12	14.12	240	722692	20.00	ng	0.00
87) Perylene-d12	15.63	264	895780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1838261	104.39	ng	0.00
7) Phenol-d6	6.55	99	2347221	108.10	ng	0.00
23) Nitrobenzene-d5	7.49	82	1412434	68.36	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	635947	102.79	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	2541341	79.28	ng	0.00
79) Terphenyl-d14	13.06	244	2390560	68.10	ng	0.00
Target Compounds						
10) Phenol	6.56	94	84257	3.601	ng	95
50) Dimethylphthalate	9.69	163	373792	8.742	ng	99
71) Phenanthrene	11.50	178	910987	17.480	ng	95
72) Anthracene	11.55	178	136975	2.642	ng	96
75) Fluoranthene	12.69	202	842341	15.829	ng	95
78) Pyrene	12.92	202	1125036	21.325	ng	96
81) Benzo(a)anthracene	14.11	228	486500	10.815	ng	98
83) Chrysene	14.14	228	517777	11.655	ng	98
86) Indeno(1,2,3-cd)pyrene	17.16	276	175801	4.252	ng	95
88) Benzo(b)fluoranthene	15.18	252	483625m	8.572	ng	
89) Benzo(k)fluoranthene	15.21	252	110378m	2.194	ng	
90) Benzo(a)pyrene	15.56	252	352248	7.202	ng	98
92) Benzo(a,h,i)perylene	17.62	276	176778	4.159	ng	99

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

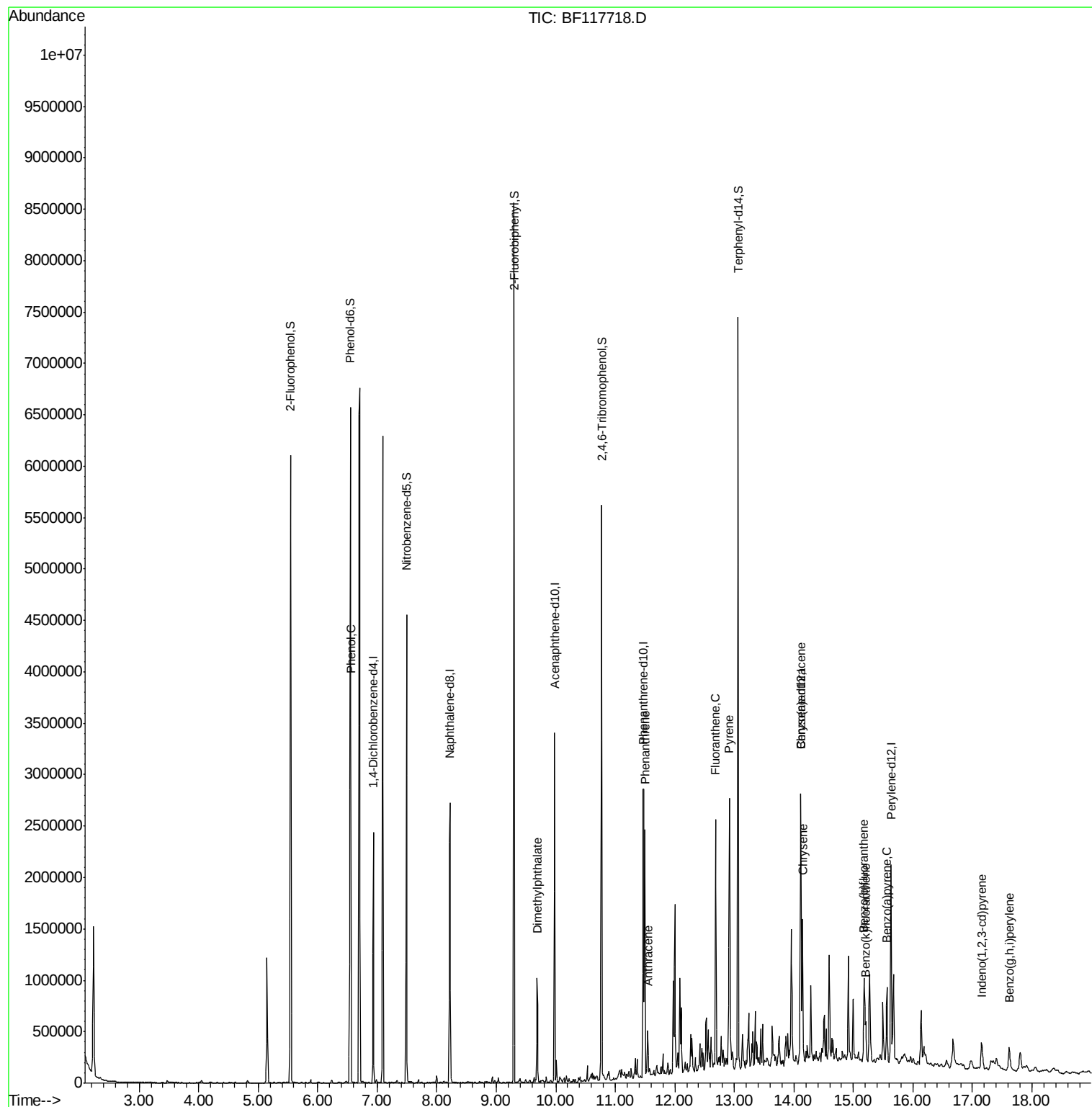
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117718.D
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ALS Vial : 15 Sample Multiplier: 1

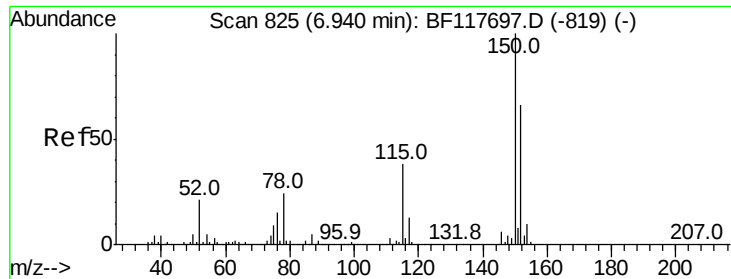
Instrument :
BNA_F
ClientSampled :
4-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

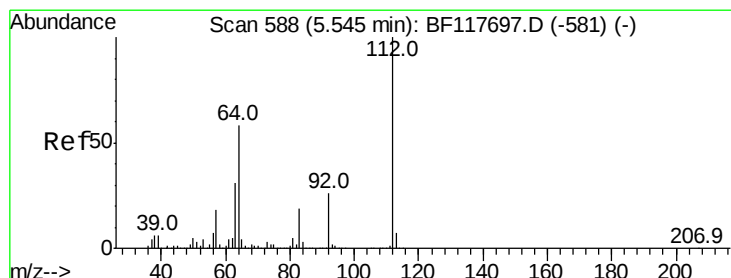
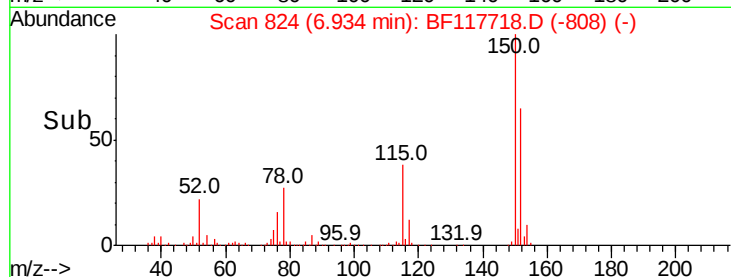
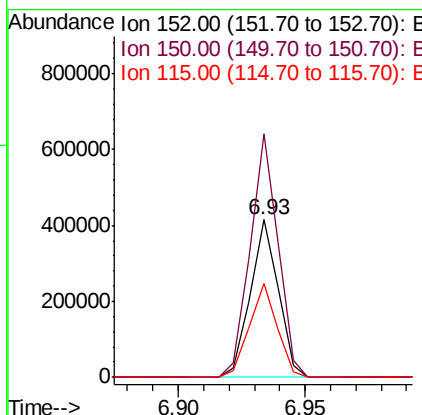
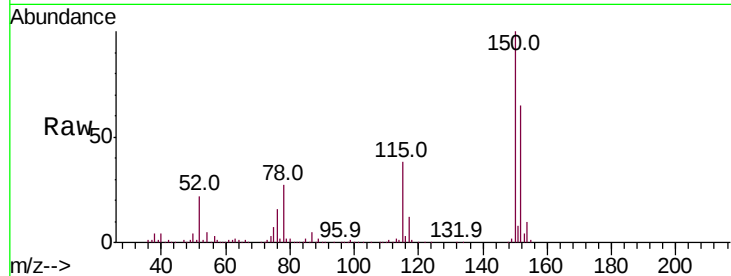
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117718.D
Acq: 7 Nov 2019 21:21

Instrument :
BNA_F
ClientSampleId :
4-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	121.4	182.2
115	59.5	46.7	70.1

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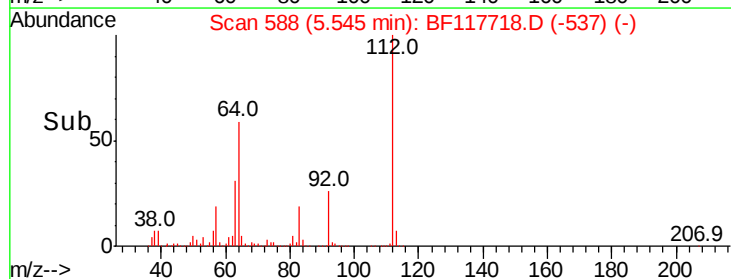
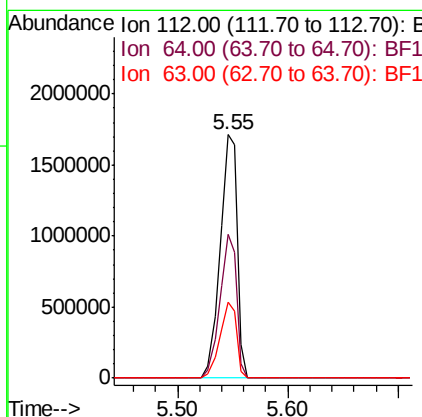
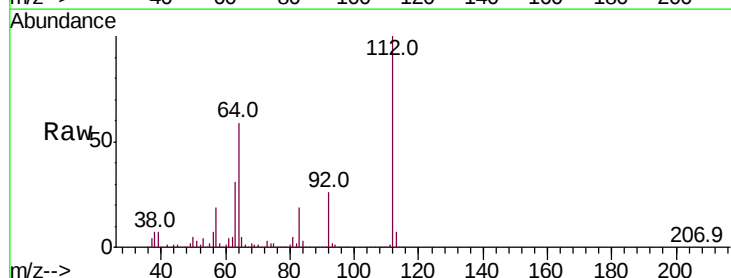
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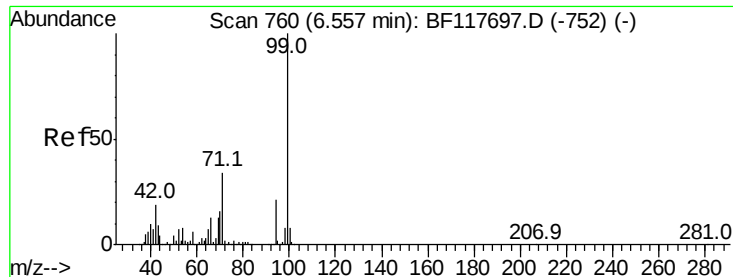


#5

2-Fluorophenol
Concen: 104.393 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117718.D
Acq: 7 Nov 2019 21:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.4	69.6
63	31.3	24.6	37.0





#7

Phenol-d6

Concen: 108.105 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117718.D

Acq: 7 Nov 2019 21:21

Instrument :

BNA_F

ClientSampled :

4-A

Tot Ion: 99 Resp: 2347221

Ion Ratio Lower Upper

99 100

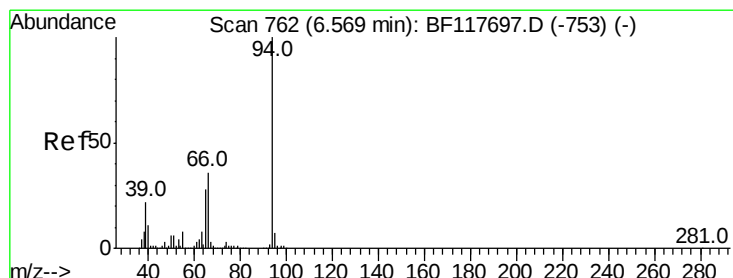
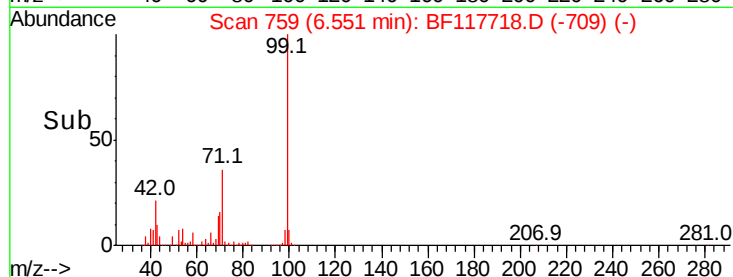
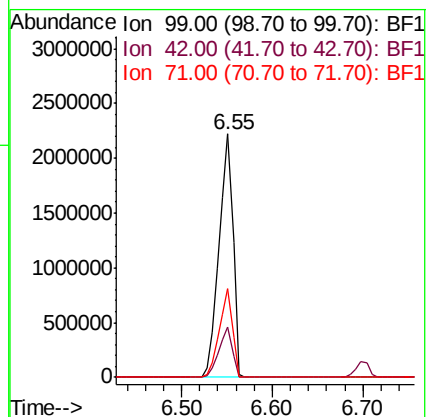
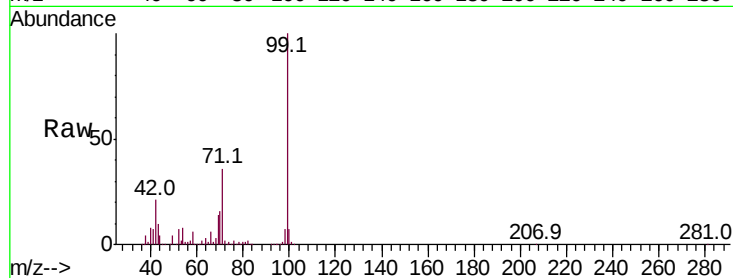
42 20.6 15.3 22.9

71 36.4 26.8 40.2

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#10

Phenol

Concen: 3.601 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF117718.D

Acq: 7 Nov 2019 21:21

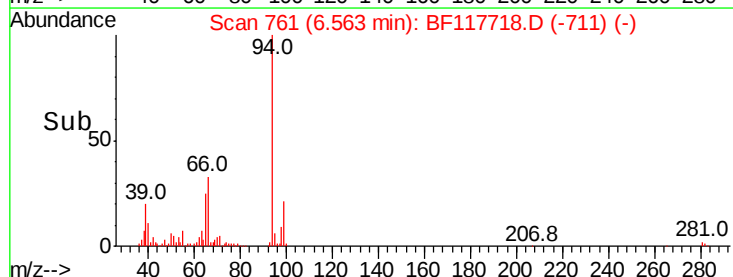
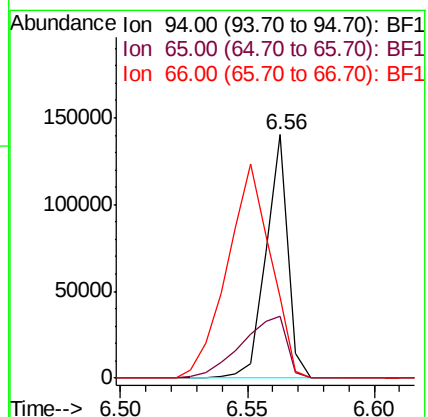
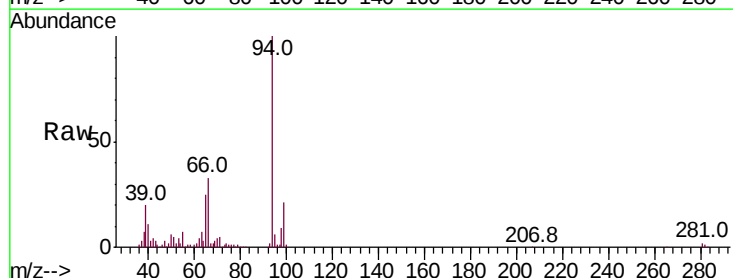
Tgt Ion: 94 Resp: 84257

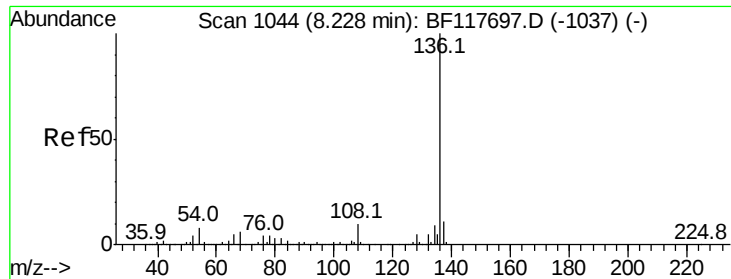
Ion Ratio Lower Upper

94 100

65 25.2 7.6 47.6

66 33.1 16.1 56.1





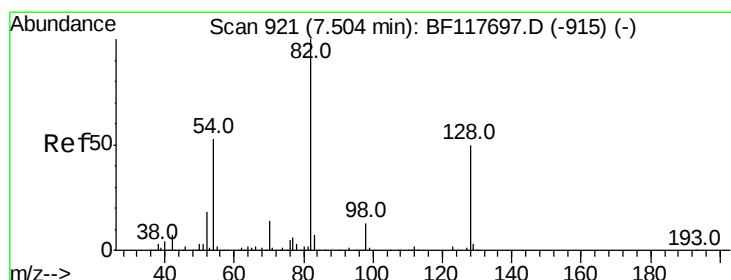
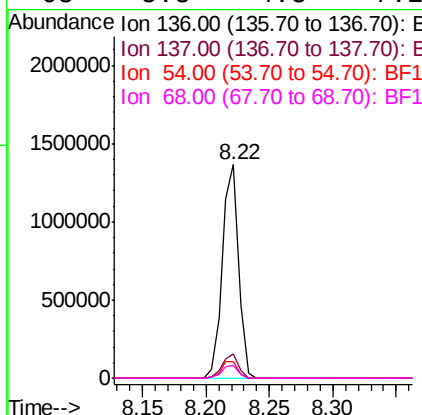
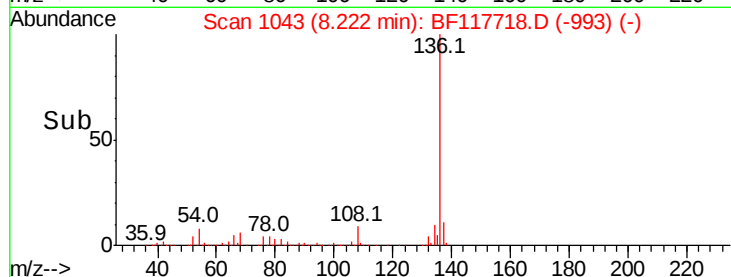
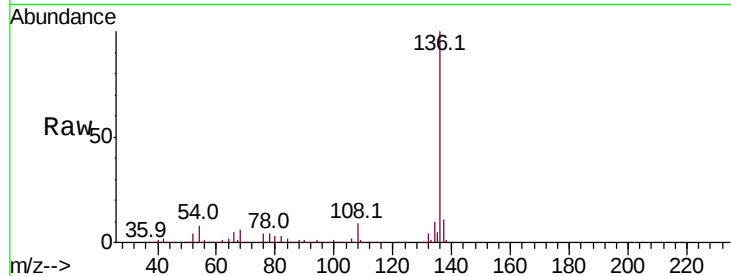
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117718.D
Acq: 7 Nov 2019 21:21

Instrument :
BNA_F
ClientSampleId :
4-A

Tot Ion	136	Resp	1219930
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.6	6.0	9.0
68	5.8	4.8	7.2

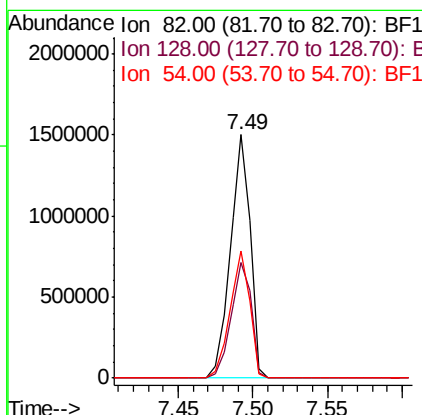
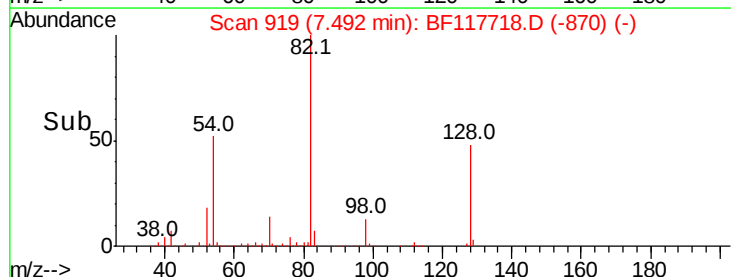
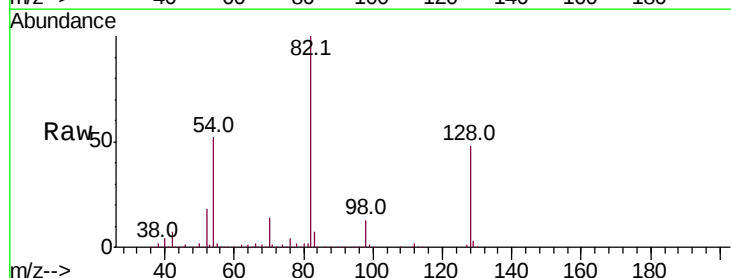
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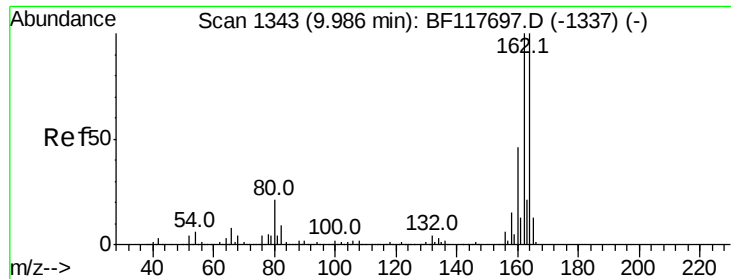
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#23
Nitrobenzene-d5
Concen: 68.355 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117718.D
Acq: 7 Nov 2019 21:21

Tgt Ion	82	Resp	1412434
Ion	Ratio	Lower	Upper
82	100		
128	47.5	40.2	60.2
54	52.4	42.0	63.0





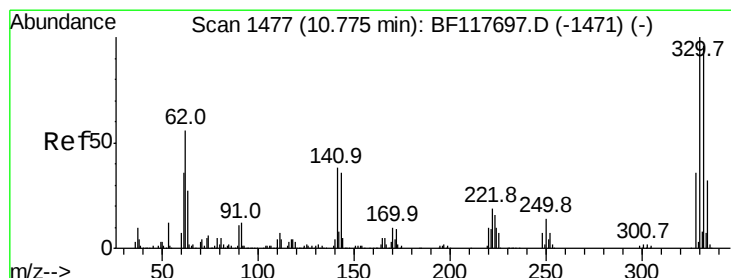
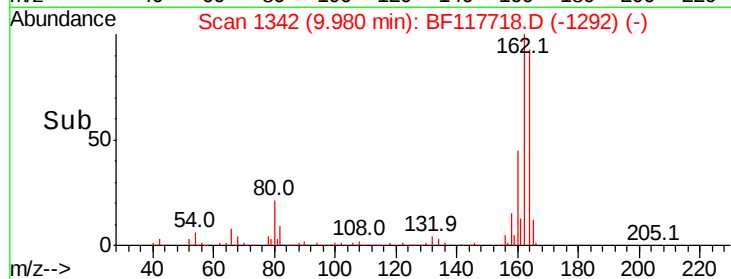
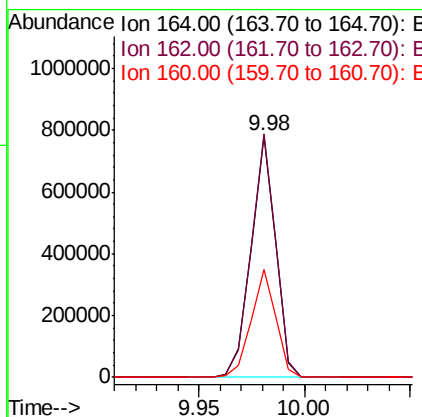
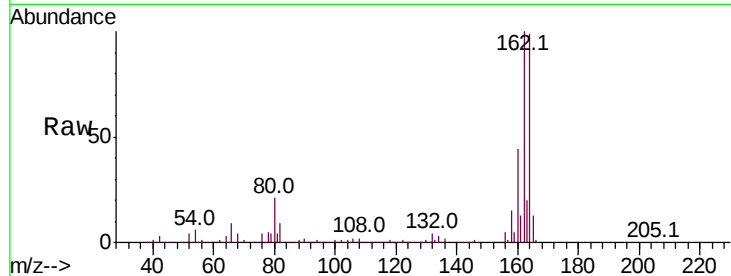
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF117718.D
 Acq: 7 Nov 2019 21:21

Instrument :
 BNA_F
 ClientSampled :
 4-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.7	119.5
160	44.9	36.5	54.7

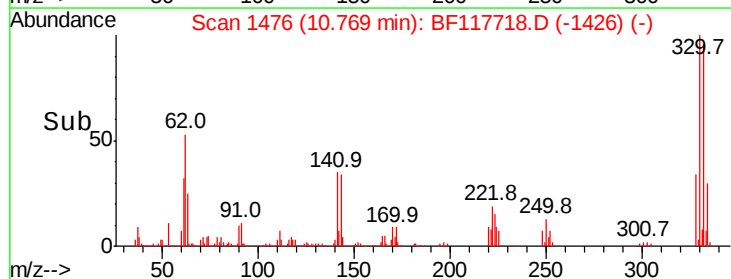
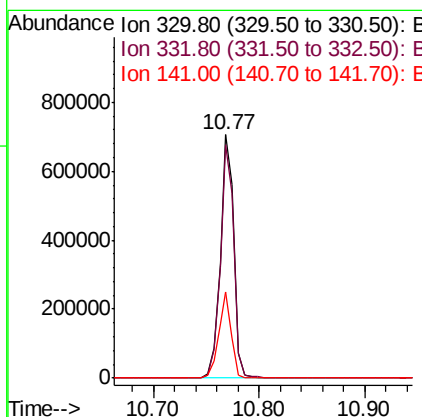
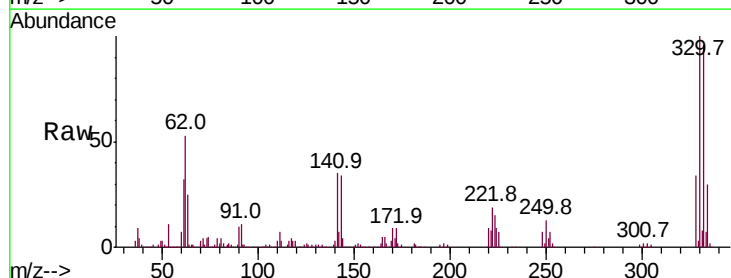
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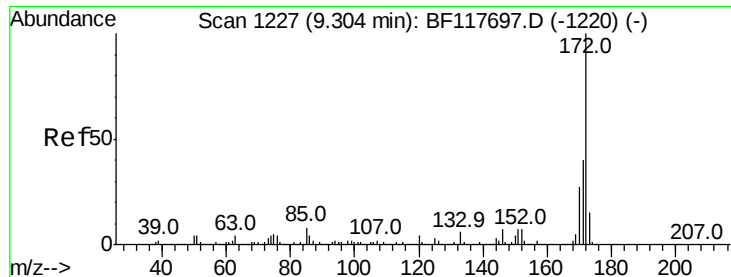
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#42
 2,4,6-Tribromophenol
 Concen: 102.789 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF117718.D
 Acq: 7 Nov 2019 21:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	33.7	28.0	42.0





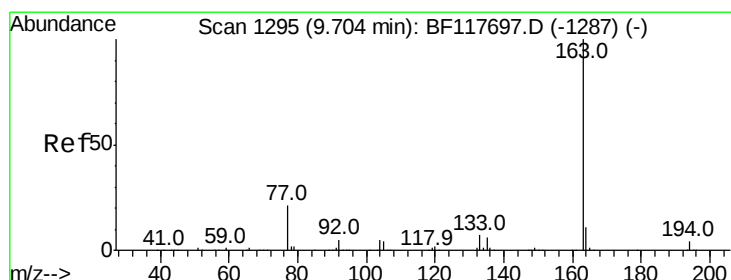
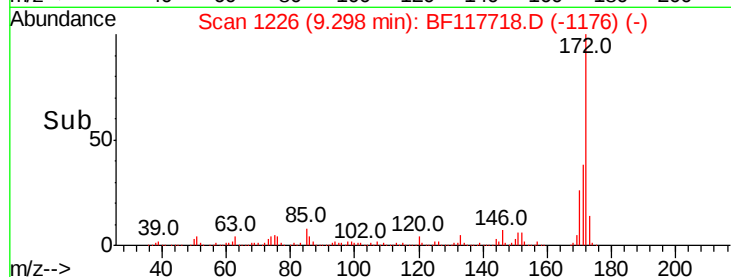
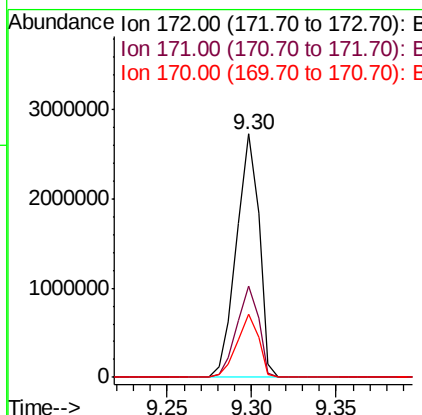
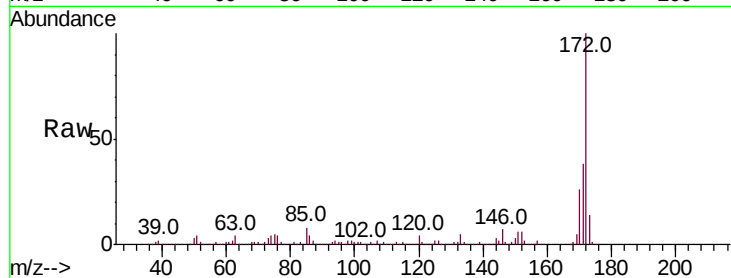
#45
2-Fluorobiphenyl
Concen: 79.279 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117718.D
Acq: 7 Nov 2019 21:21

Instrument :
BNA_F
ClientSampleId :
4-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.8	47.8
170	26.2	21.6	32.4

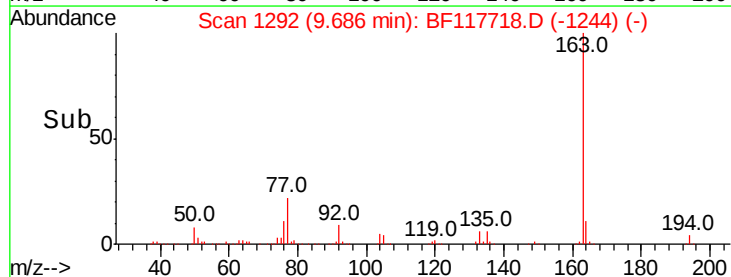
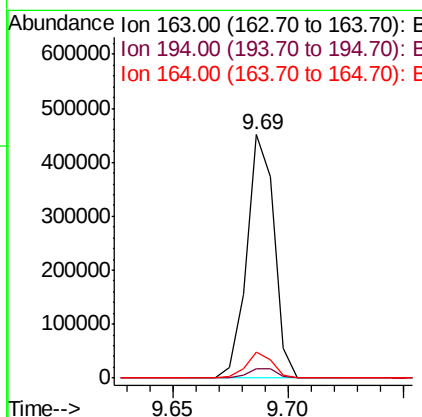
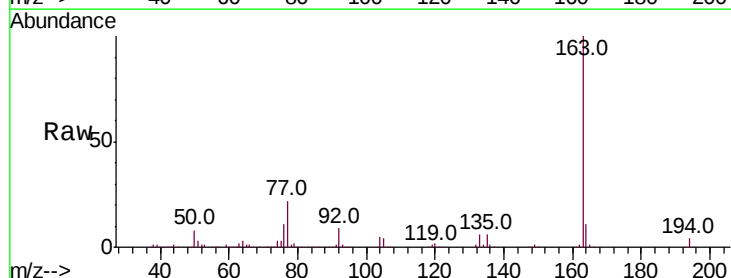
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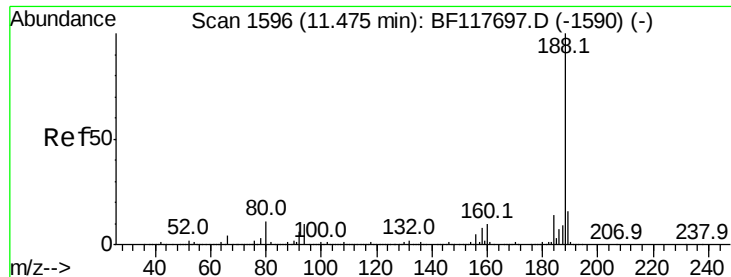
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#50
Dimethylphthalate
Concen: 8.742 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117718.D
Acq: 7 Nov 2019 21:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.6	8.9	13.3





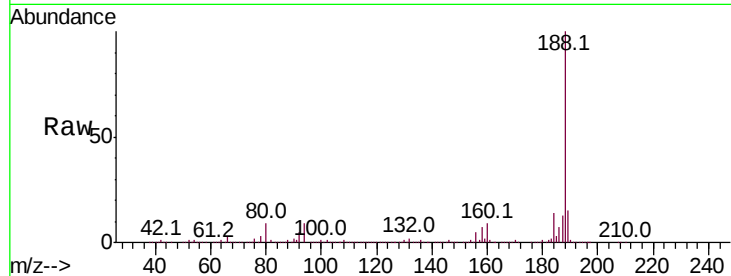
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF117718.D
Acq: 7 Nov 2019 21:21

Instrument :
BNA_F
ClientSampleId :
4-A

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.4
80	9.3	8.6	13.0

Manual Integrations
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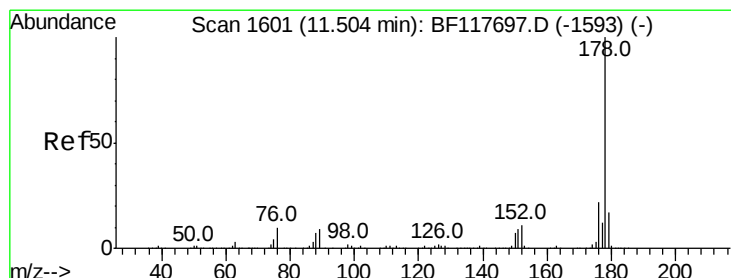
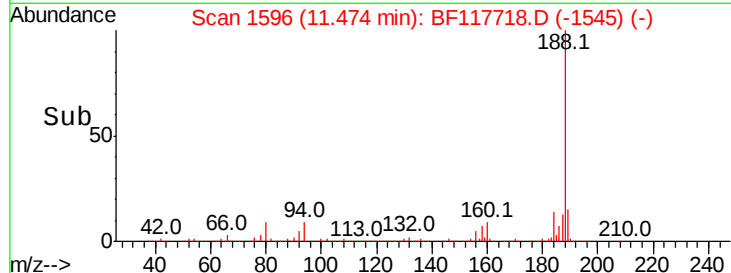
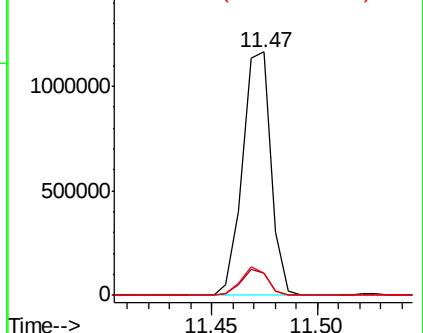


Abundance

Ion 188.00 (187.70 to 188.70): E

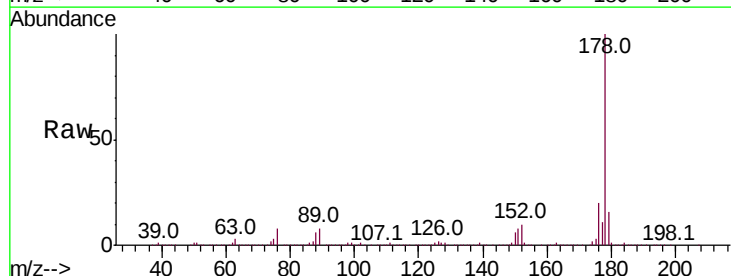
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71
Phenanthrene
Concen: 17.480 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF117718.D
Acq: 7 Nov 2019 21:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.7	26.5
179	15.6	13.8	20.8

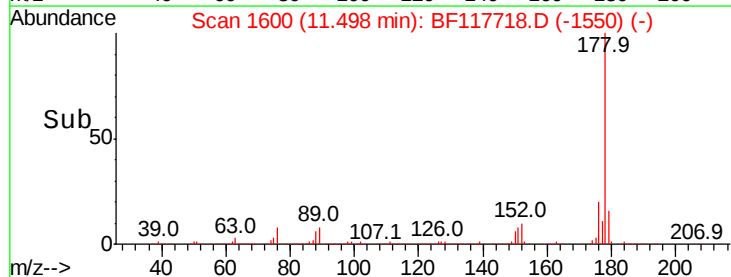
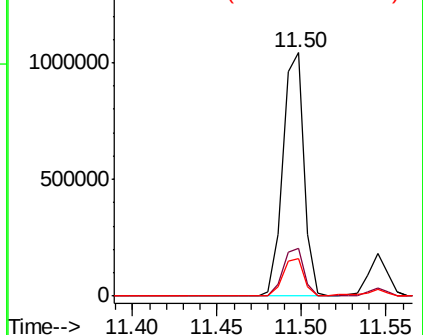


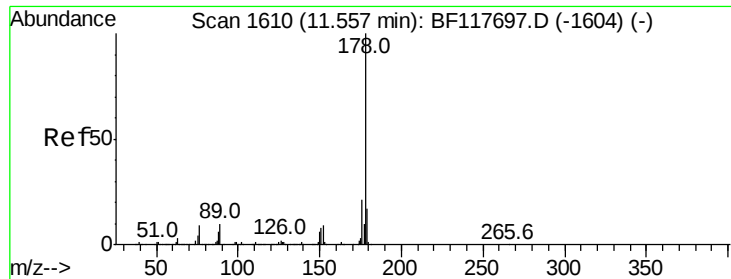
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





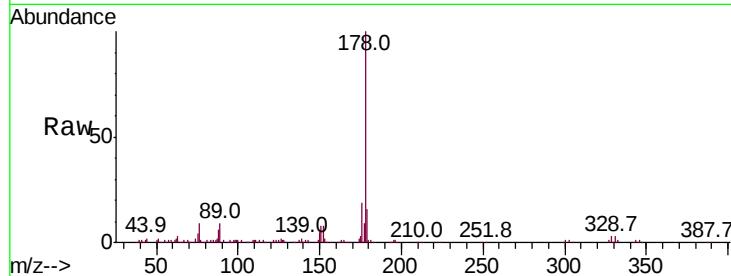
#72
 Anthracene
 Concen: 2.642 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF117718.D
 Acq: 7 Nov 2019 21:21

Instrument :
 BNA_F
 ClientSampleId :
 4-A

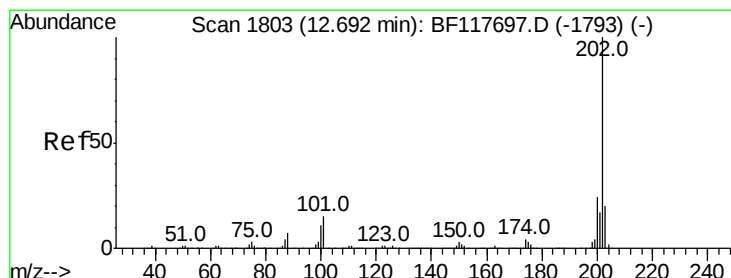
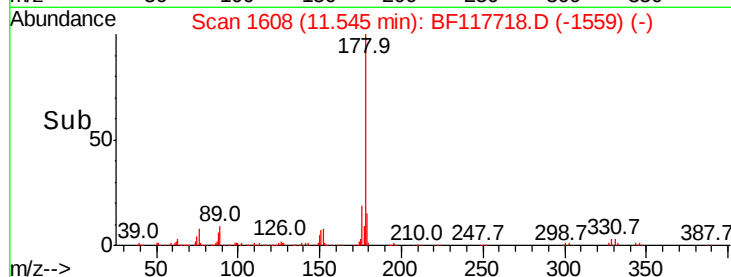
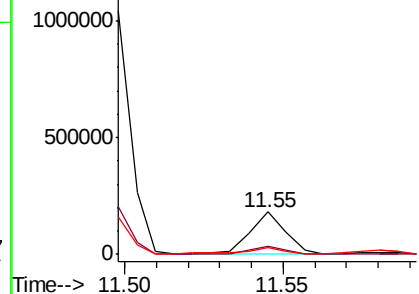
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.6	25.0
179	15.7	13.5	20.3

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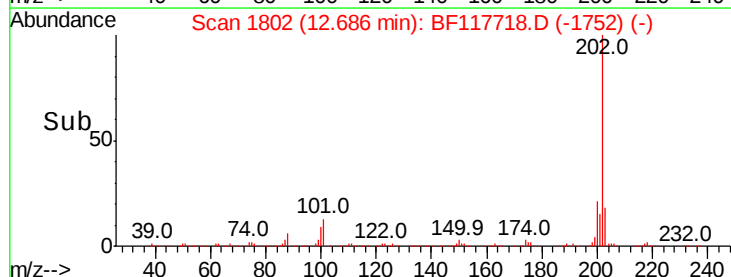
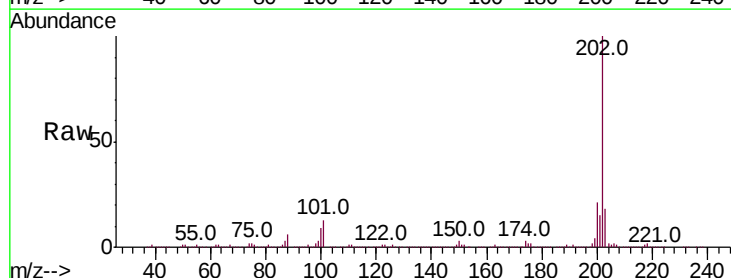
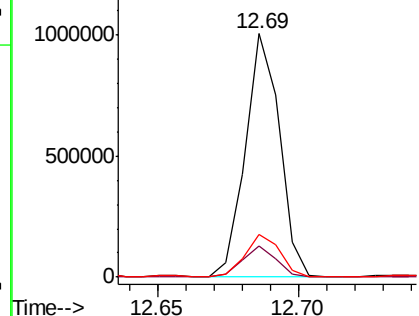
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

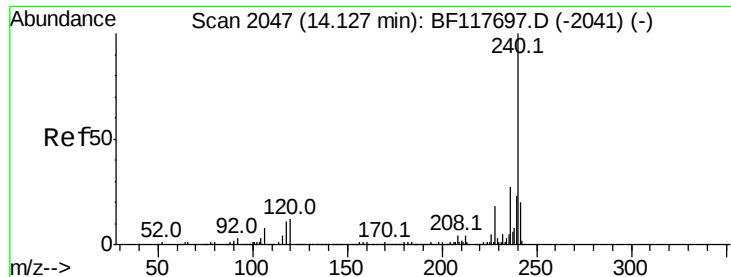


#75
 Fluoranthene
 Concen: 15.829 ng
 RT: 12.69 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BF117718.D
 Acq: 7 Nov 2019 21:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.5
203	17.7	0.0	39.8

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: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF117718.D

Acq: 7 Nov 2019 21:21

Instrument :

BNA_F

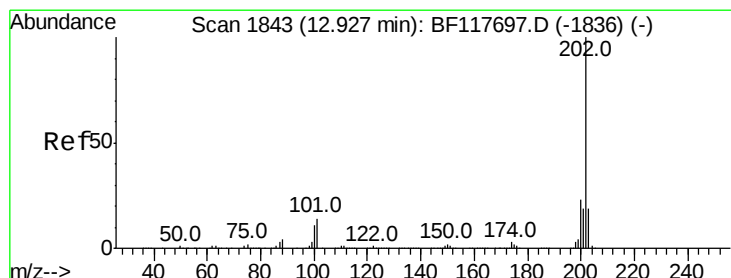
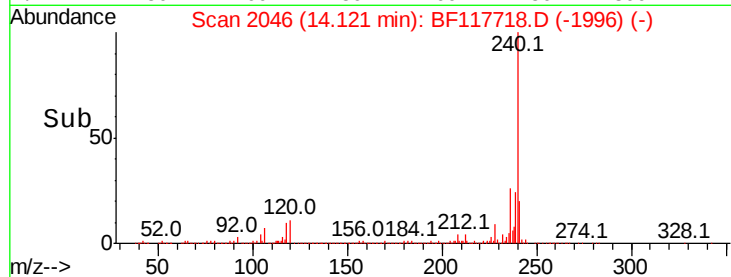
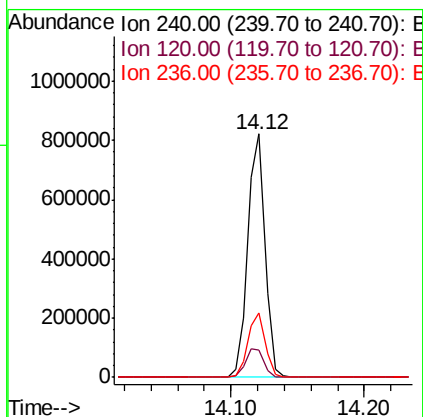
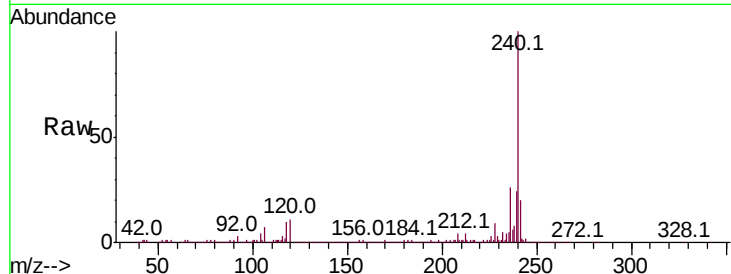
ClientSampled :

4-A

Tot Ion:	240	Resp:	722692
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.7	14.5
236	26.5	21.9	32.9

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#78

Pyrene

Concen: 21.325 ng

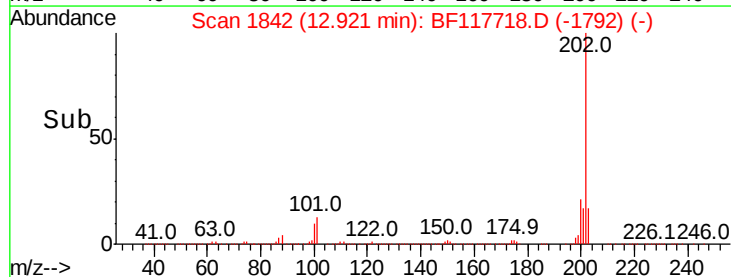
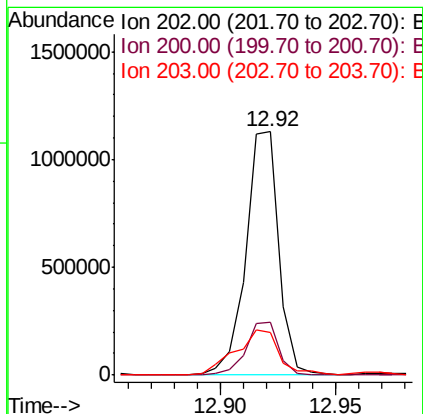
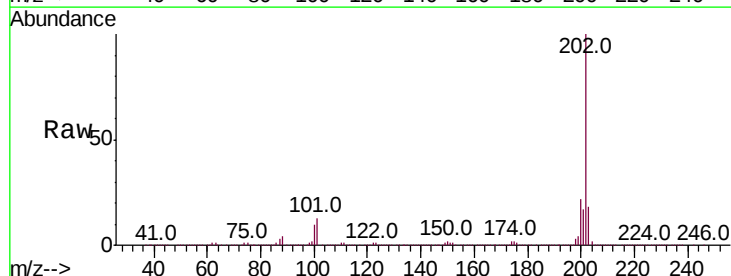
RT: 12.92 min Scan# 1842

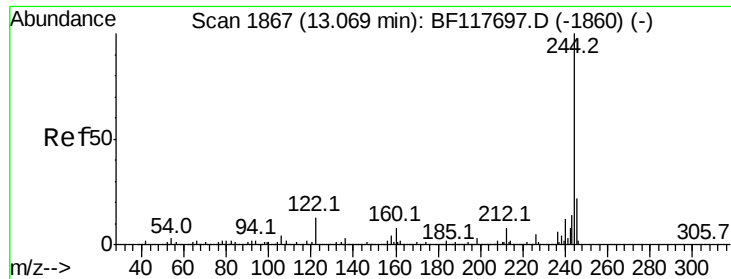
Delta R.T. -0.01 min

Lab File: BF117718.D

Acq: 7 Nov 2019 21:21

Tgt Ion:	202	Resp:	1125036
Ion Ratio	Lower	Upper	
202	100		
200	21.6	18.8	28.2
203	17.6	15.2	22.8





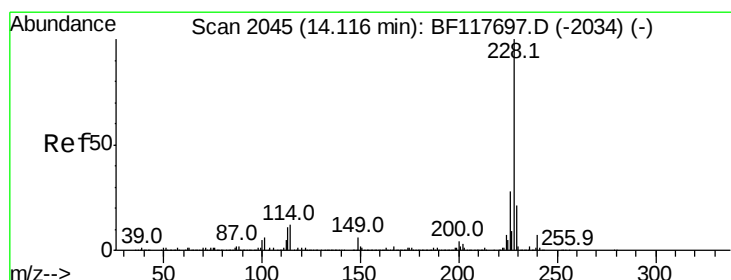
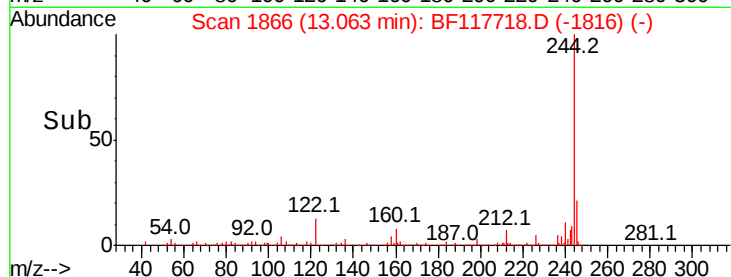
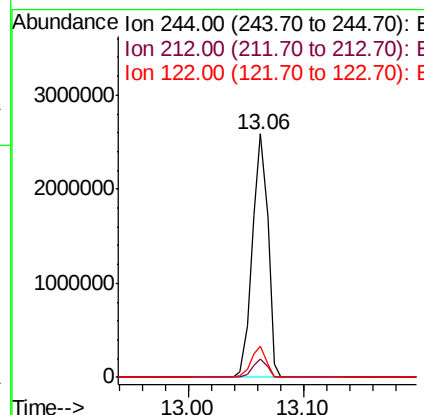
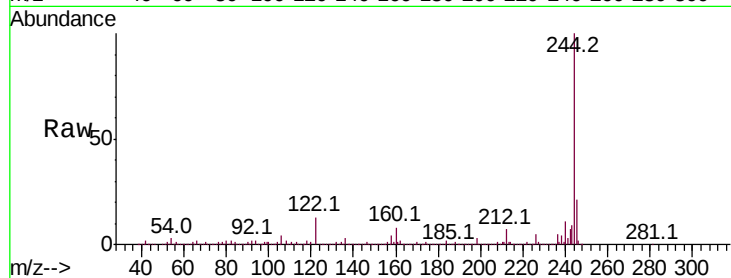
#79
 Terphenyl-d14
 Concen: 68.095 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF117718.D
 Acq: 7 Nov 2019 21:21

Instrument :
 BNA_F
 ClientSampleId :
 4-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.4	9.6
122	12.9	10.0	15.0

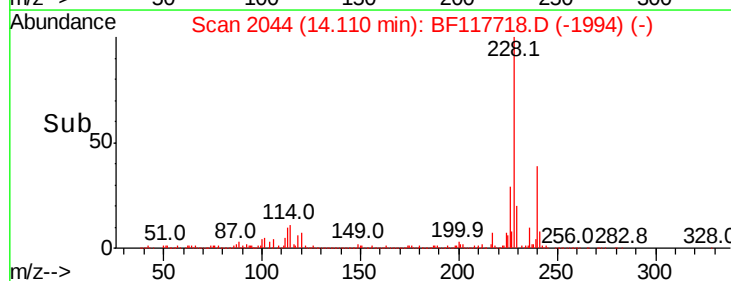
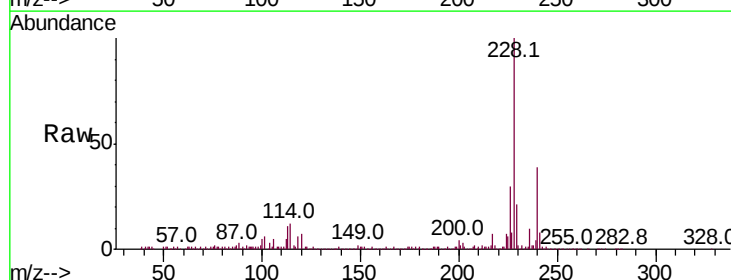
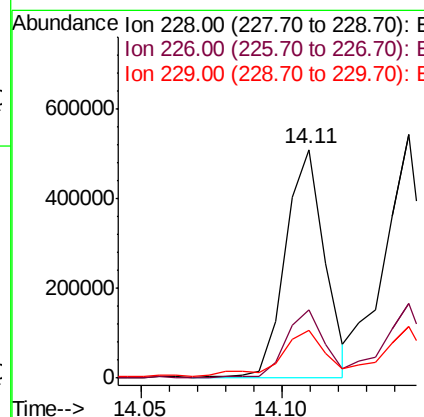
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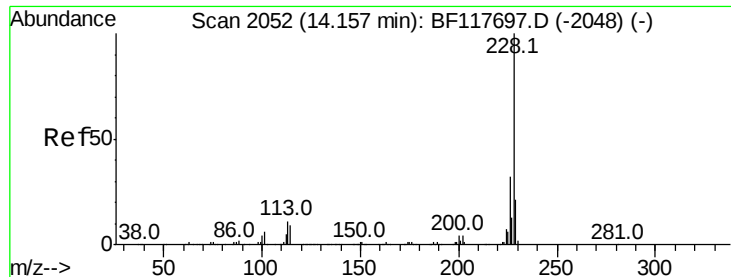
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#81
 Benzo(a)anthracene
 Concen: 10.815 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF117718.D
 Acq: 7 Nov 2019 21:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.8	34.2
229	20.9	16.9	25.3





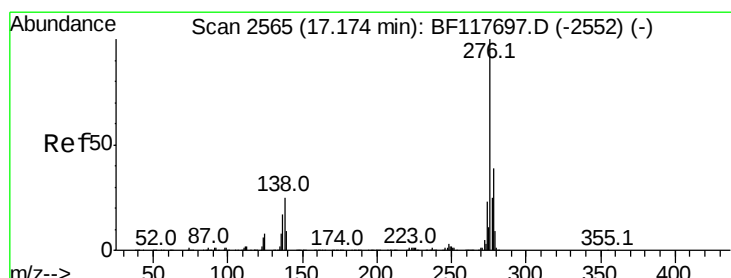
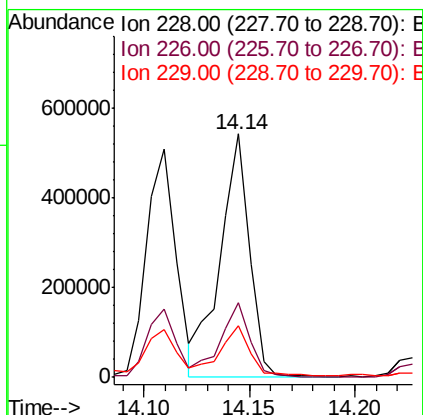
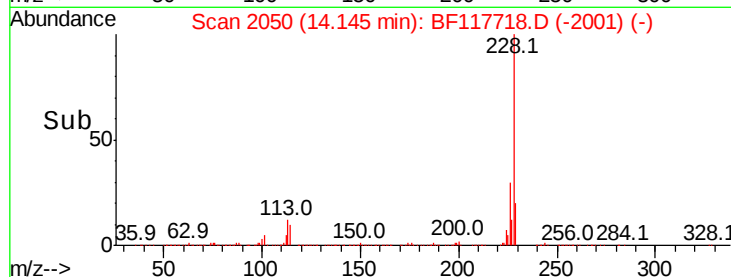
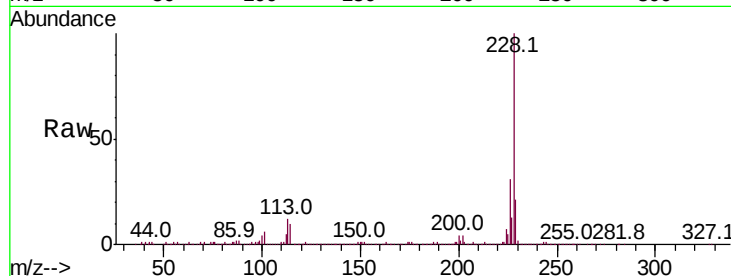
#83
Chrysene
Concen: 11.655 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF117718.D
Acq: 7 Nov 2019 21:21

Instrument :
BNA_F
ClientSampleId :
4-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	21.3	16.6	24.8

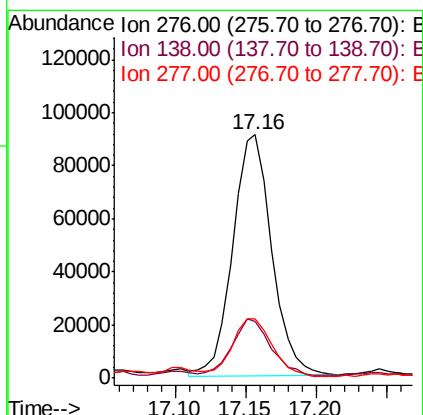
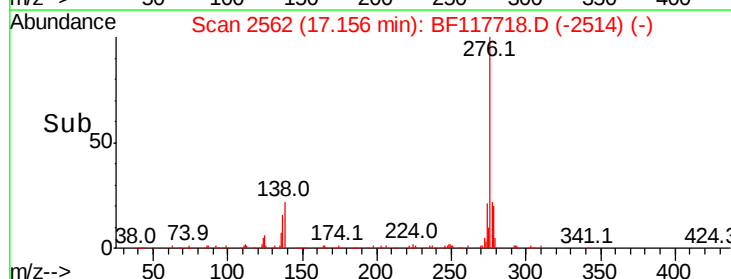
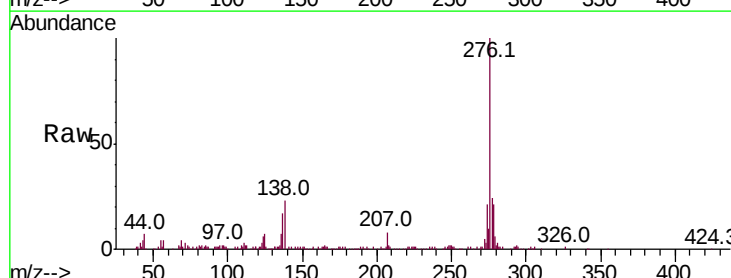
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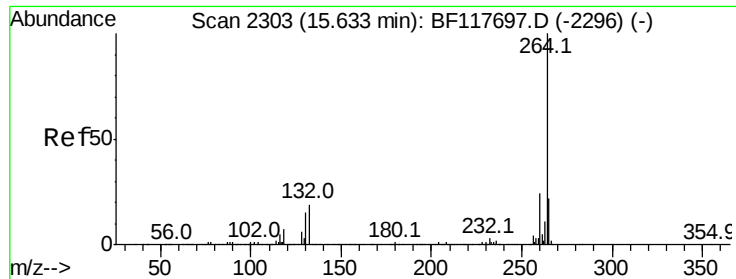
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.252 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.02 min
Lab File: BF117718.D
Acq: 7 Nov 2019 21:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	22.4	33.6
277	24.7	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: BF117718.D

Acq: 7 Nov 2019 21:21

Instrument :

BNA_F

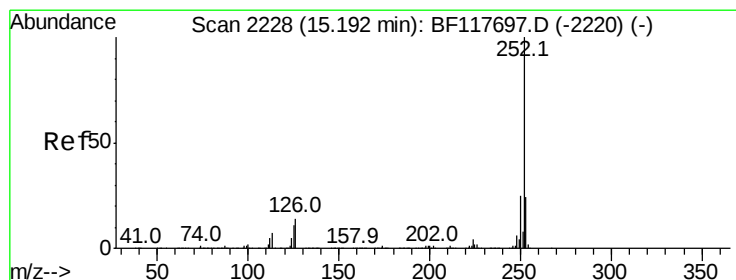
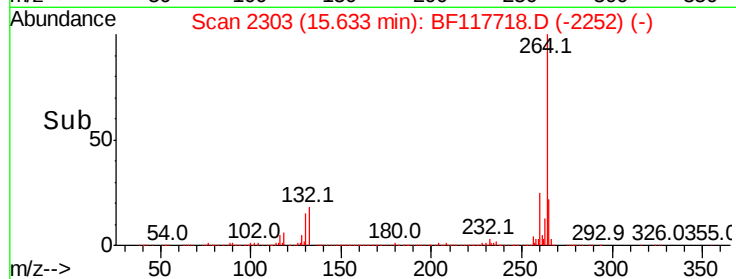
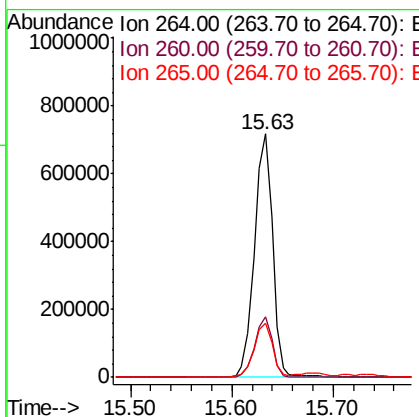
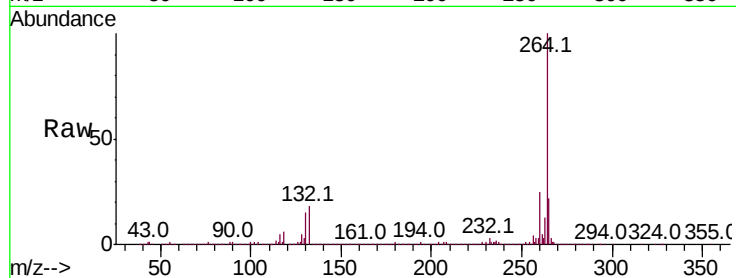
ClientSampleId :

4-A

Tot Ion:	264	Resp:	895780
Ion Ratio		Lower	Upper
264	100		
260	24.7	18.8	28.2
265	22.0	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 8.572 ng m

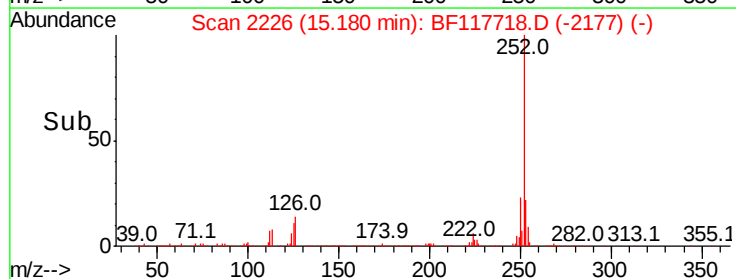
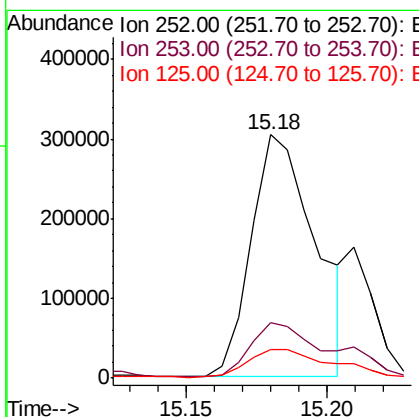
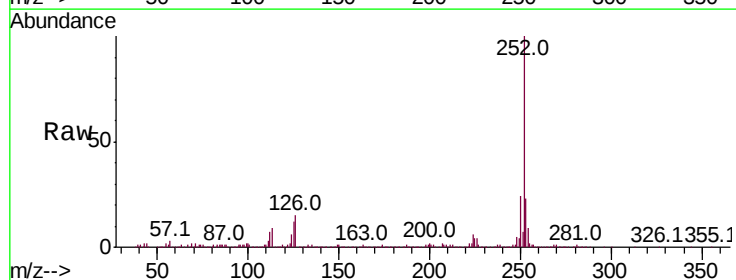
RT: 15.18 min Scan# 2226

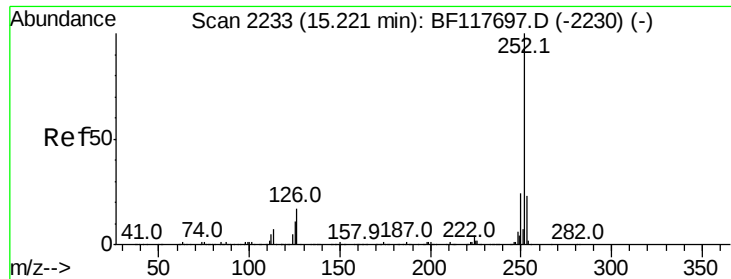
Delta R.T. -0.01 min

Lab File: BF117718.D

Acq: 7 Nov 2019 21:21

Tgt Ion:	252	Resp:	483625
Ion Ratio		Lower	Upper
252	100		
253	22.7	18.9	28.3
125	11.9	8.5	12.7





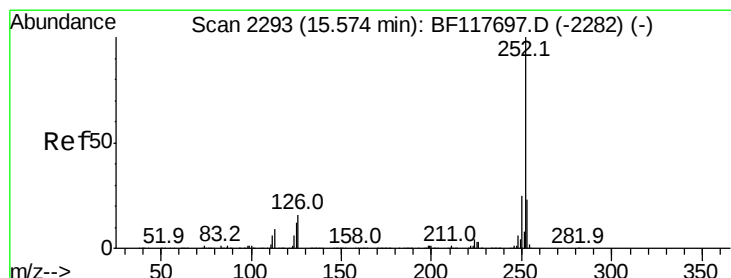
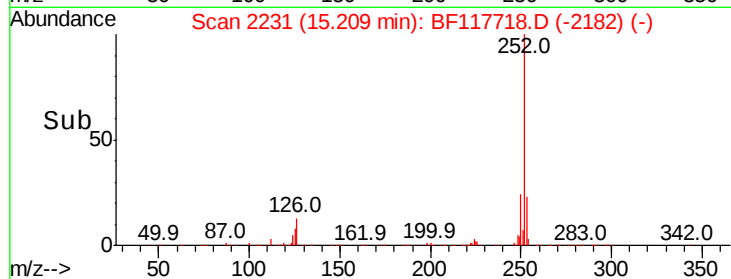
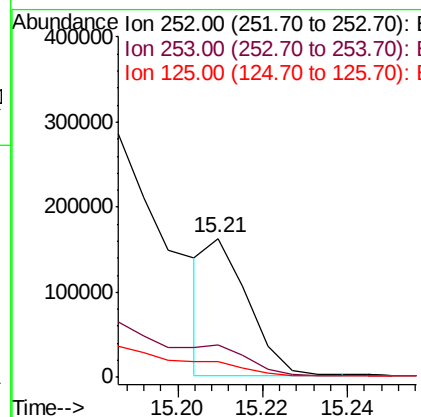
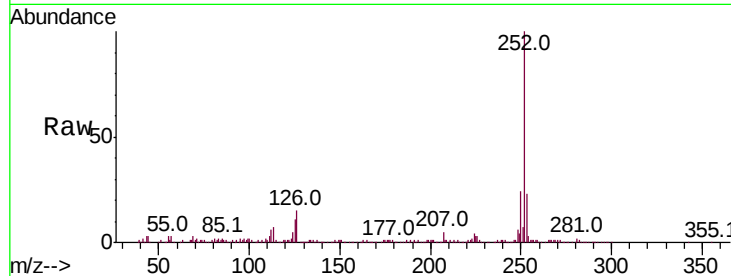
#89
Benzo(k)fluoranthene
Concen: 2.194 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF117718.D
Acq: 7 Nov 2019 21:21

Instrument :
BNA_F
ClientSampled :
4-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	11.2	9.1	13.7

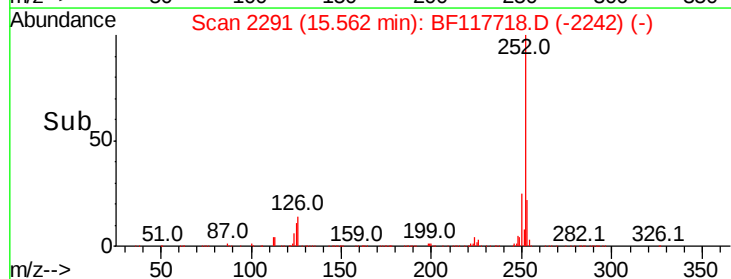
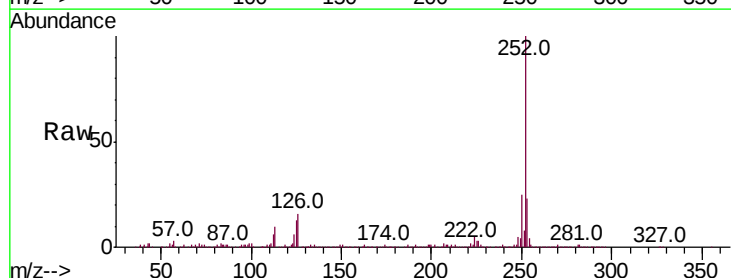
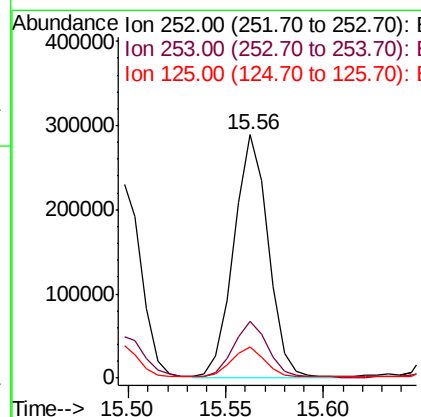
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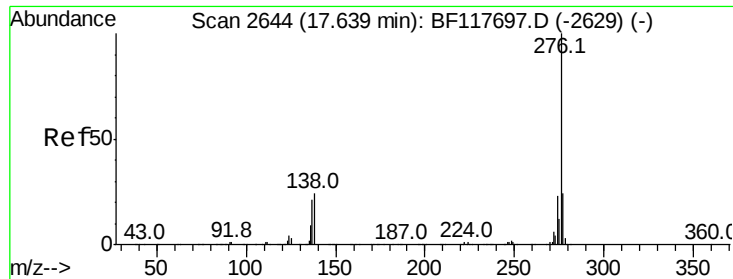
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#90
Benzo(a)pyrene
Concen: 7.202 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF117718.D
Acq: 7 Nov 2019 21:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	12.6	9.5	14.3





#92
 Benzo(a,h,i)perylene
 Concen: 4.159 ng
 RT: 17.62 min Scan# 2640
 Delta R.T. -0.02 min
 Lab File: BF117718.D
 Acq: 7 Nov 2019 21:21

Instrument :
 BNA_F
 ClientSampleId :
 4-A

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.4	29.0
138	23.9	19.2	28.8

Manual Integrations
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