

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
 Data File : BF117734.D
 Acq On : 8 Nov 2019 16:43
 Operator : JU
 Sample : K5722-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-A

Manual Integrations
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Quant Time: Nov 09 02:30:03 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	348004	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	1397902	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	764403	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	1318094	20.00	ng	0.00
76) Chrysene-d12	14.12	240	862303	20.00	ng	0.00
87) Perylene-d12	15.62	264	833963	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1982089	103.10	ng	0.00
7) Phenol-d6	6.55	99	2560520	108.02	ng	-0.01
23) Nitrobenzene-d5	7.49	82	1591114	67.20	ng	-0.02
42) 2,4,6-Tribromophenol	10.77	330	774657	103.60	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2769544	71.49	ng	-0.01
79) Terphenyl-d14	13.06	244	2713348	64.78	ng	0.00
Target Compounds						
10) Phenol	6.56	94	89317	3.497	ng	Qvalue 96
50) Dimethylphthalate	9.69	163	360568	6.977	ng	96
75) Fluoranthene	12.69	202	311489	4.828	ng	96
78) Pyrene	12.92	202	313221	4.976	ng	96
81) Benzo(a)anthracene	14.11	228	133978	2.496	ng	93
83) Chrysene	14.14	228	159742	3.014	ng	96
88) Benzo(b)fluoranthene	15.17	252	199094m	3.791	ng	
90) Benzo(a)pyrene	15.56	252	91193	2.003	ng	# 96

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

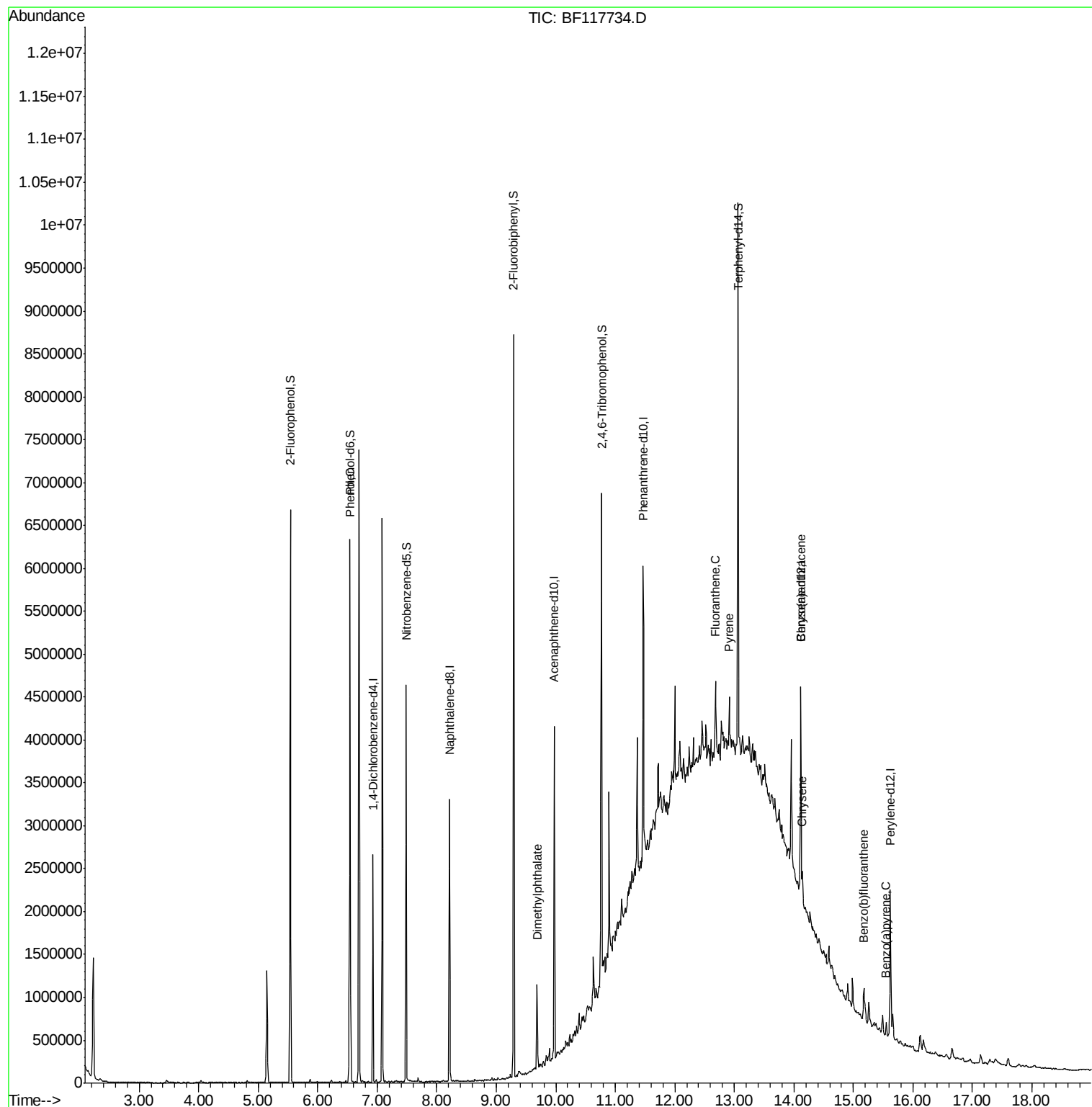
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
Data File : BF117734.D
Acq On : 8 Nov 2019 16:43
Operator : JU
Sample : K5722-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

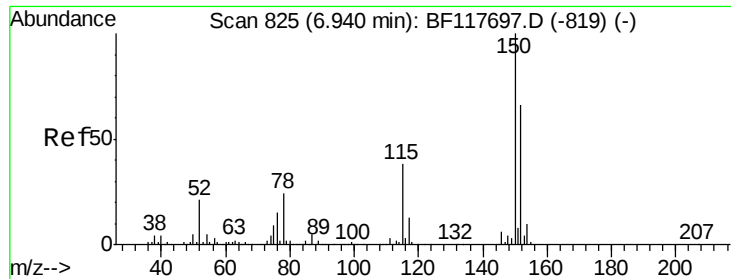
Instrument :
BNA_F
ClientSampleId :
2-A

Quant Time: Nov 09 02:30:03 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
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#1

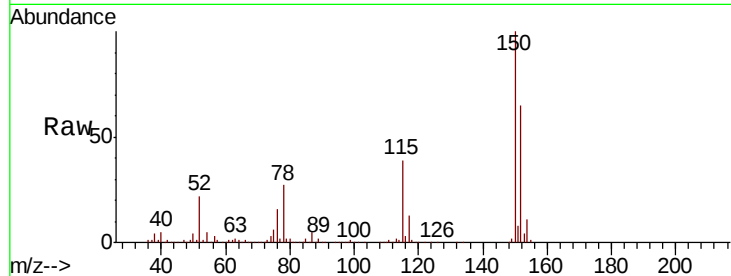
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117734.D
Acq: 8 Nov 2019 16:43

Instrument :
BNA_F
ClientSampled :
2-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	121.4	182.2
115	61.0	46.7	70.1

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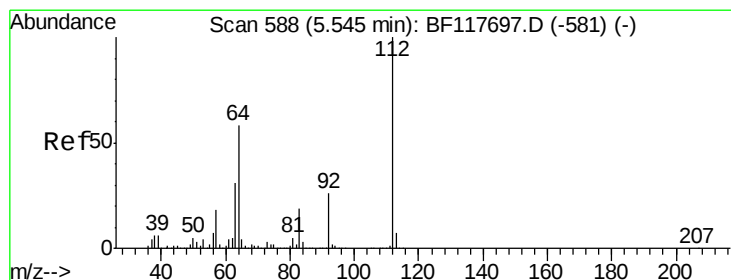
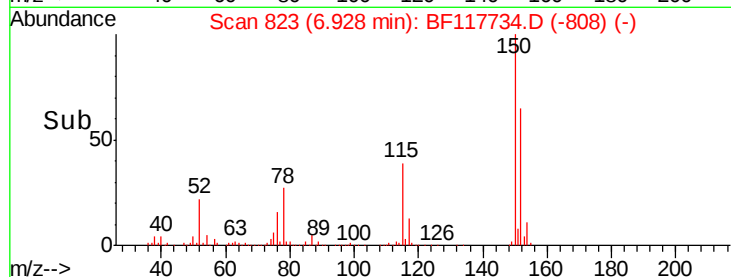
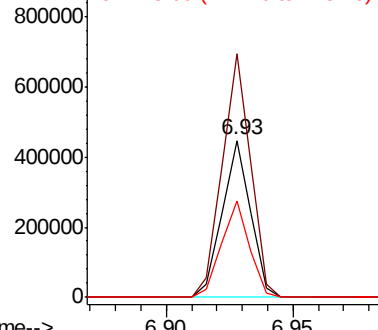


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

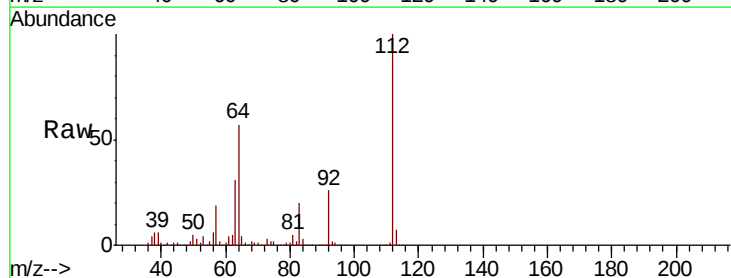
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.099 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117734.D
Acq: 8 Nov 2019 16:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.4	69.6
63	30.7	24.6	37.0

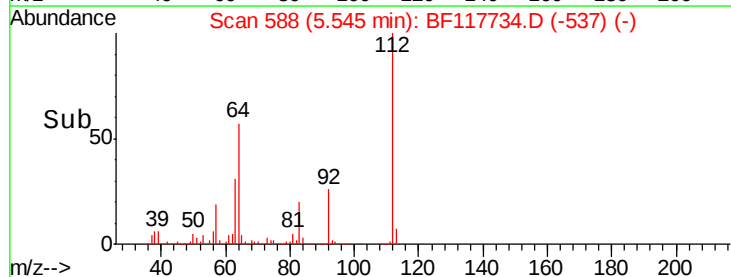
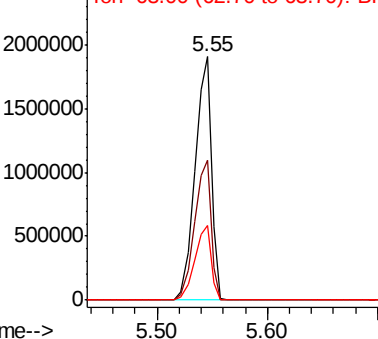


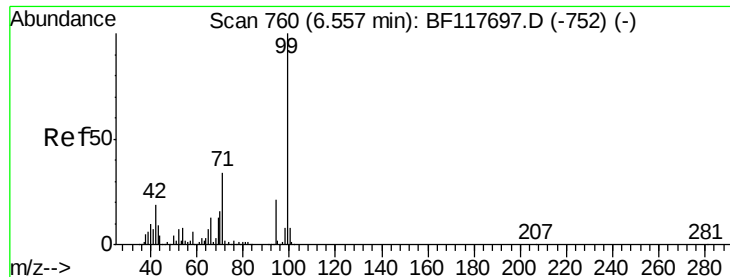
Abundance

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: 108.015 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117734.D

Acq: 8 Nov 2019 16:43

Instrument :

BNA_F

ClientSampled :

2-A

Tot Ion: 99 Resp: 2560520

Ion Ratio Lower Upper

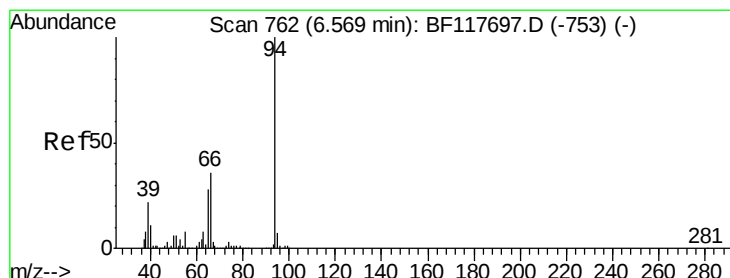
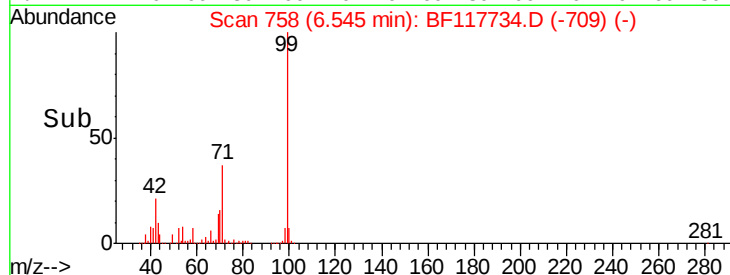
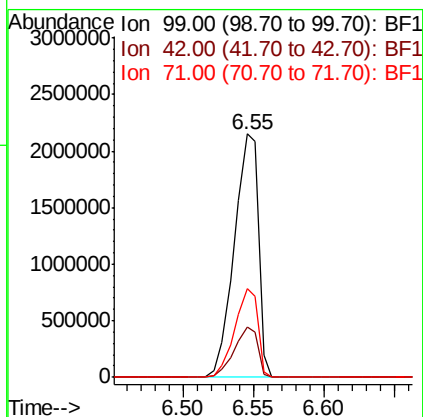
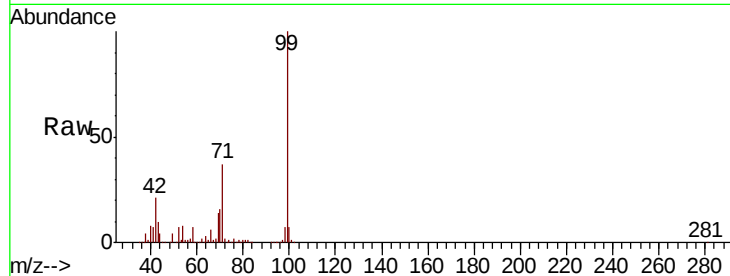
99 100

42 20.8 15.3 22.9

71 36.6 26.8 40.2

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#10

Phenol

Concen: 3.497 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF117734.D

Acq: 8 Nov 2019 16:43

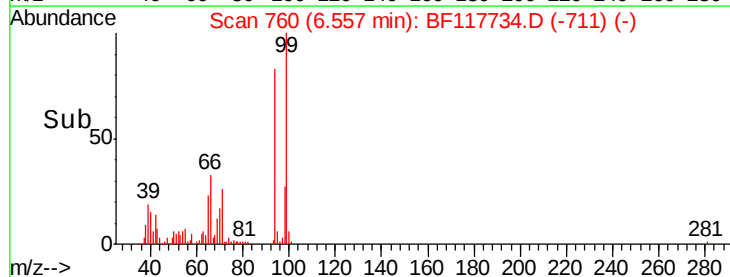
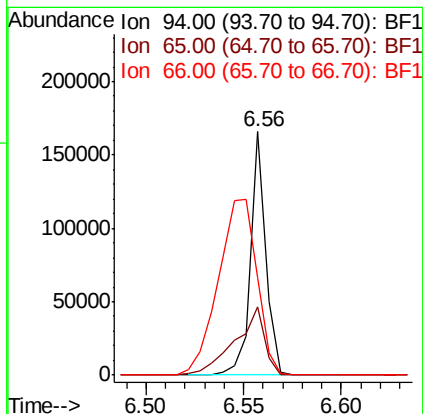
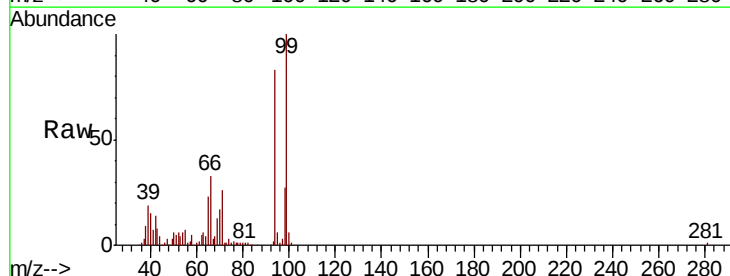
Tgt Ion: 94 Resp: 89317

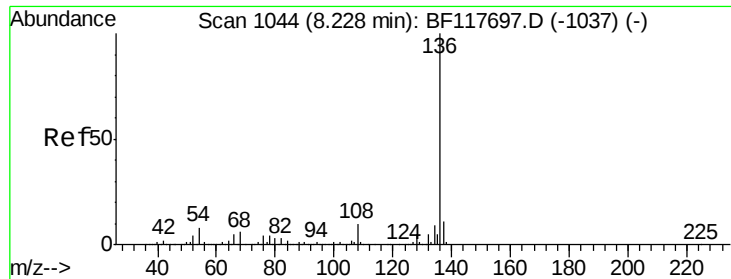
Ion Ratio Lower Upper

94 100

65 28.2 7.6 47.6

66 40.0 16.1 56.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF117734.D

Acq: 8 Nov 2019 16:43

Instrument :

BNA_F

ClientSampled :

2-A

Tot Ion:136 Resp: 1397902

Ion Ratio Lower Upper

136 100

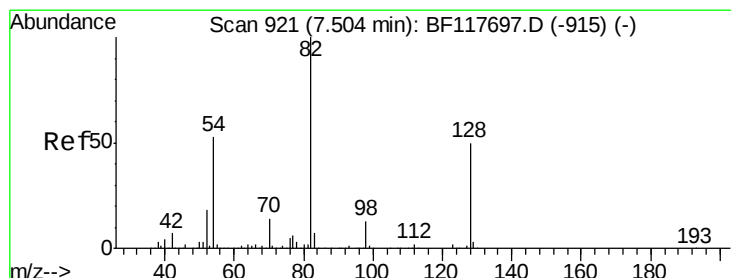
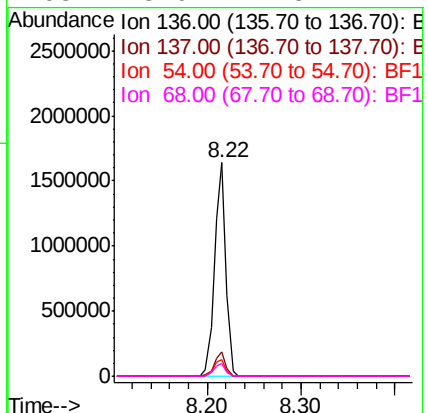
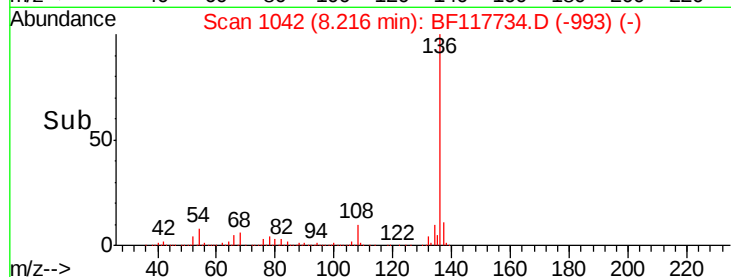
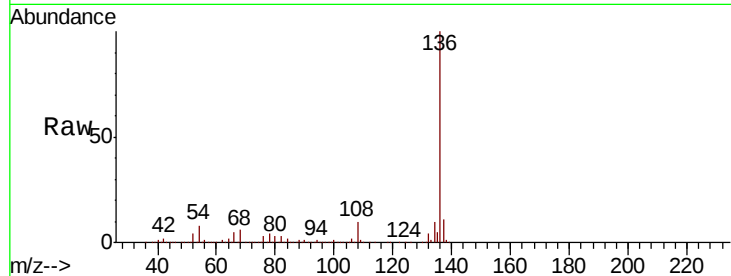
137 11.3 8.8 13.2

54 7.8 6.0 9.0

68 5.9 4.8 7.2

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#23

Nitrobenzene-d5

Concen: 67.199 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF117734.D

Acq: 8 Nov 2019 16:43

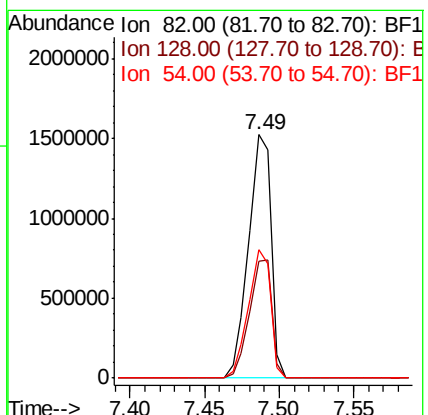
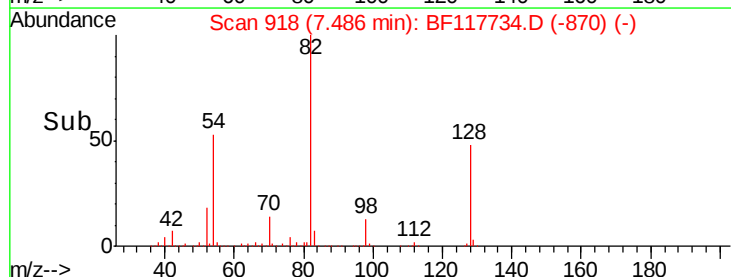
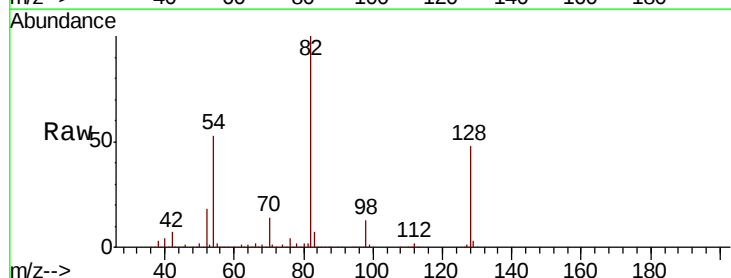
Tgt Ion: 82 Resp: 1591114

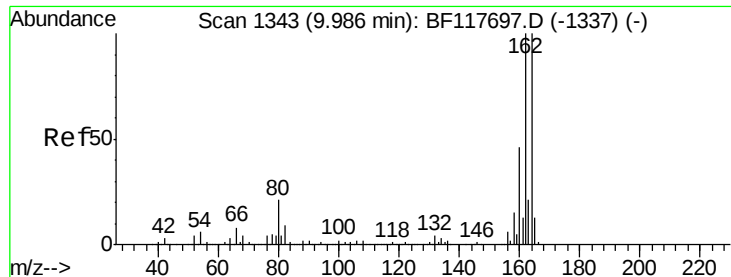
Ion Ratio Lower Upper

82 100

128 47.8 40.2 60.2

54 52.9 42.0 63.0





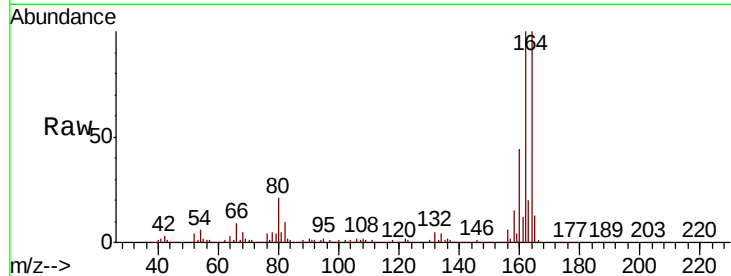
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117734.D
Acq: 8 Nov 2019 16:43

Instrument :
BNA_F
ClientSampled :
2-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.7	119.5
160	43.9	36.5	54.7

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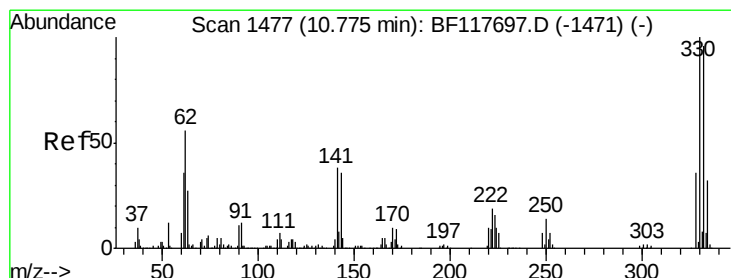
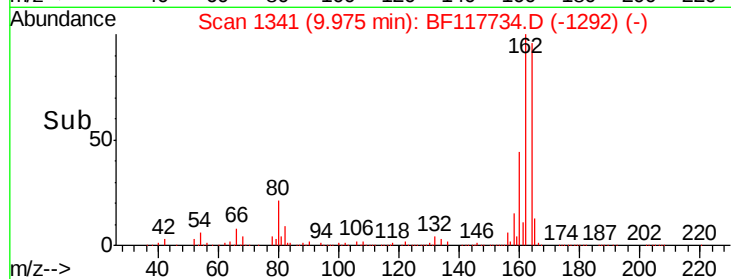
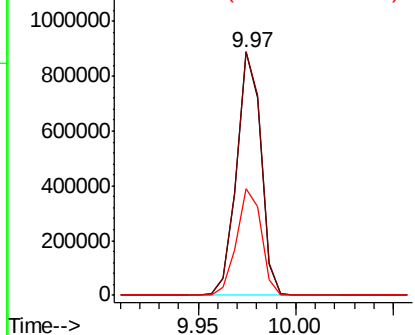


Abundance

Ion 164.00 (163.70 to 164.70): E

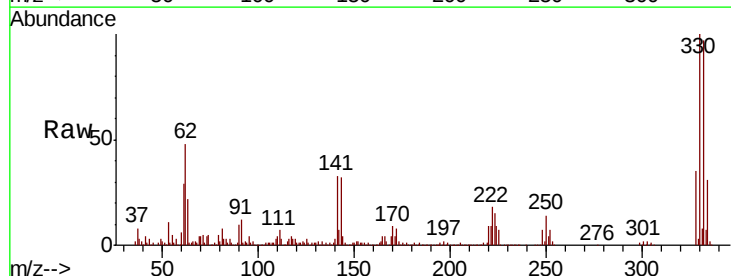
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 103.597 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117734.D
Acq: 8 Nov 2019 16:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	33.2	28.0	42.0

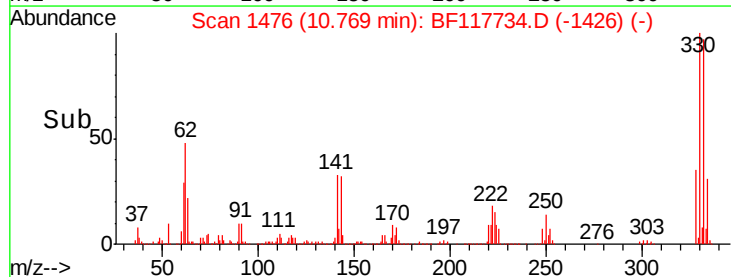
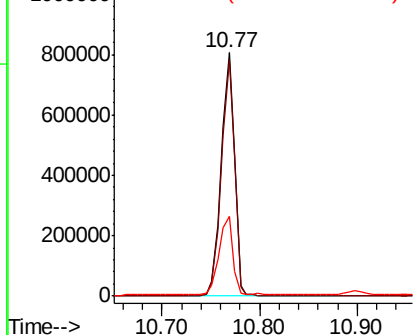


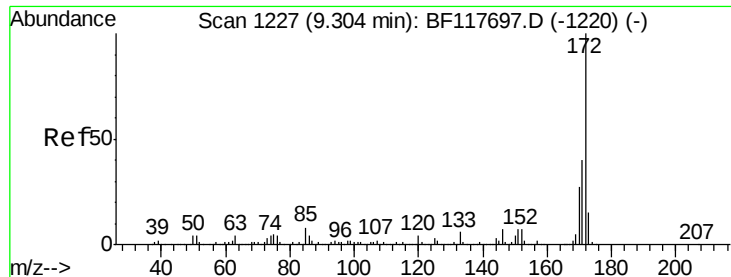
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





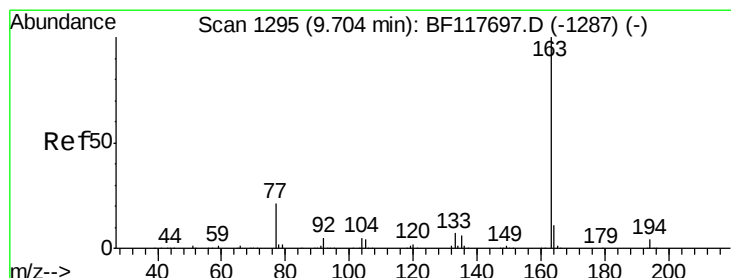
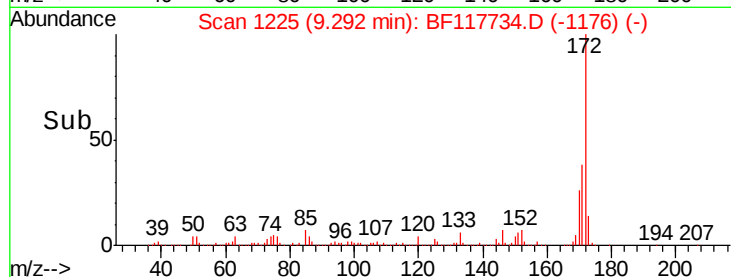
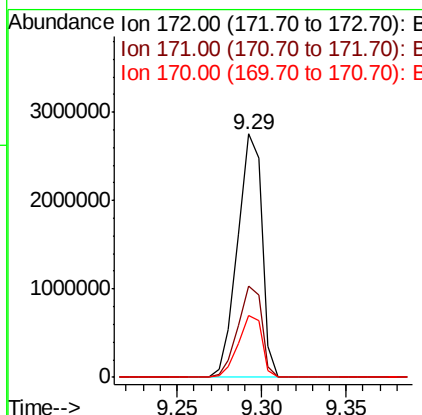
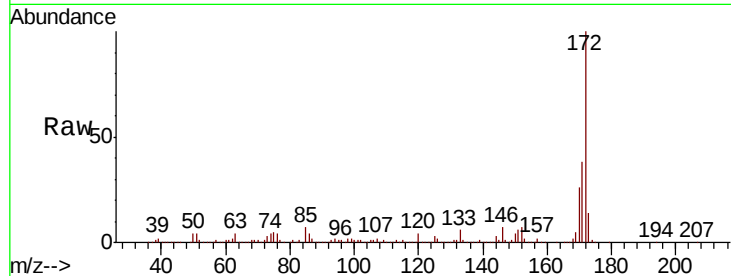
#45
2-Fluorobiphenyl
Concen: 71.485 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF117734.D
Acq: 8 Nov 2019 16:43

Instrument :
BNA_F
ClientSampleId :
2-A

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.6	31.8	47.8	
170	25.7	21.6	32.4	

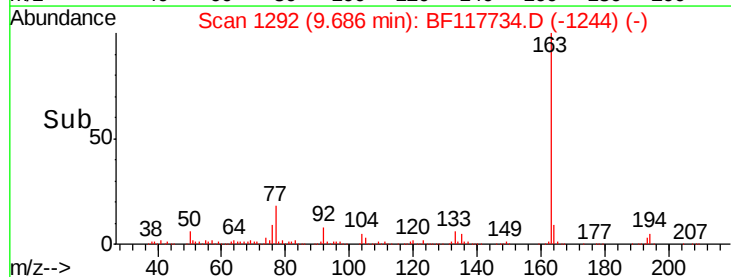
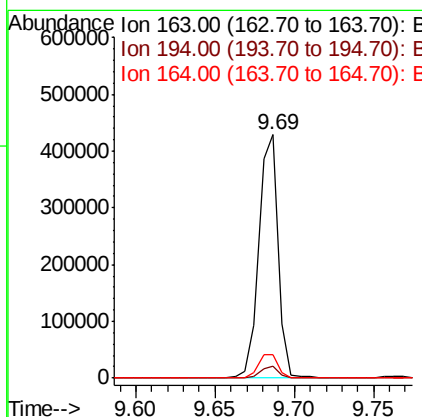
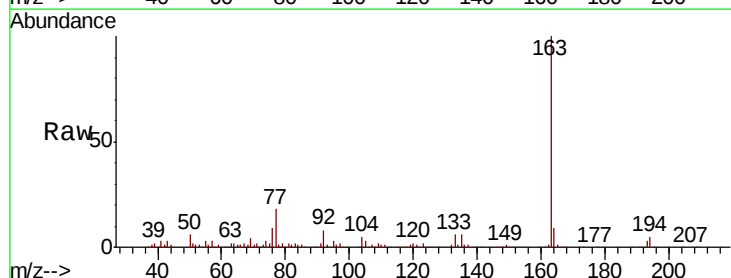
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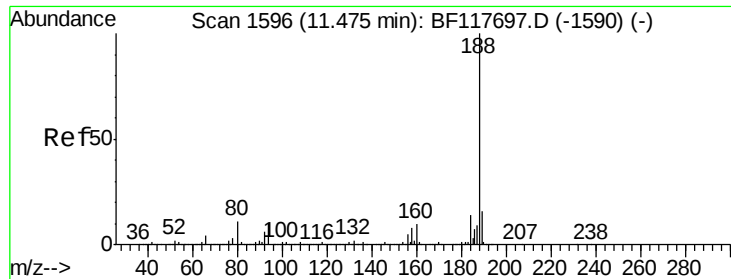
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#50
Dimethylphthalate
Concen: 6.977 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117734.D
Acq: 8 Nov 2019 16:43

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.7	3.4	5.0	
164	9.5	8.9	13.3	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF117734.D

Acq: 8 Nov 2019 16:43

Instrument :

BNA_F

ClientSampleId :

2-A

Tot Ion:188 Resp: 1318094

Ion Ratio Lower Upper

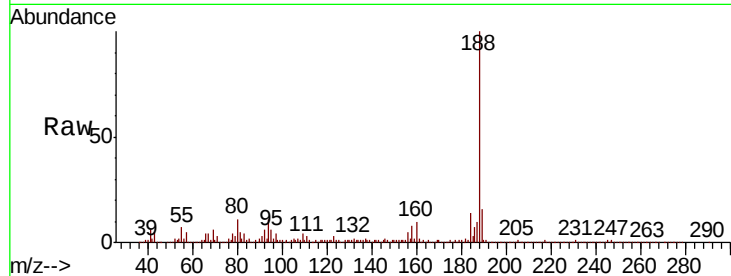
188 100

94 10.5 8.2 12.4

80 11.3 8.6 13.0

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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

2000000

1500000

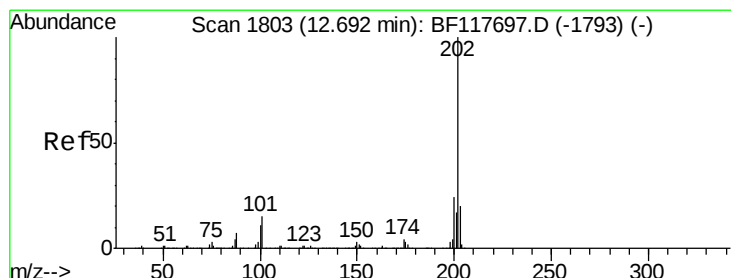
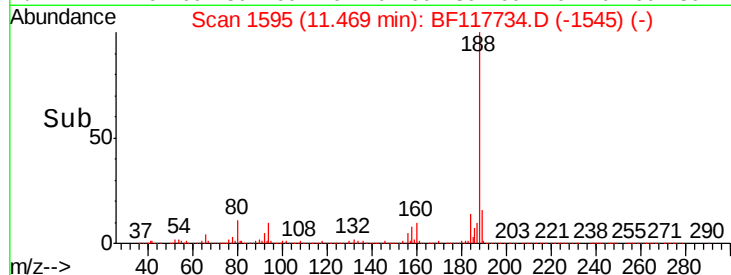
1000000

500000

0

11.40 11.45 11.50

Time-->



#75

Fluoranthene

Concen: 4.828 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF117734.D

Acq: 8 Nov 2019 16:43

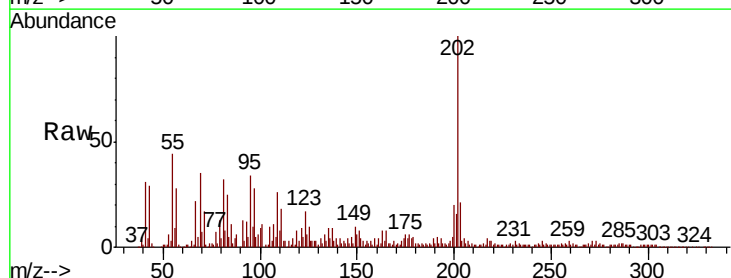
Tgt Ion:202 Resp: 311489

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.5

203 20.7 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

500000

400000

300000

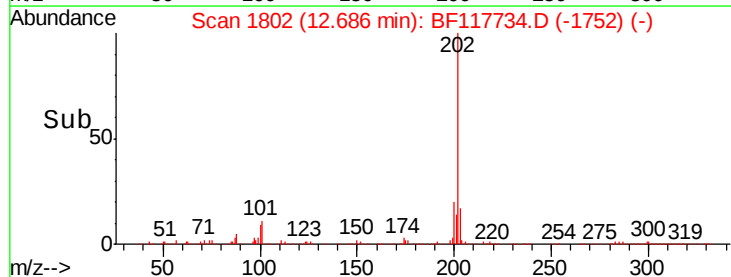
200000

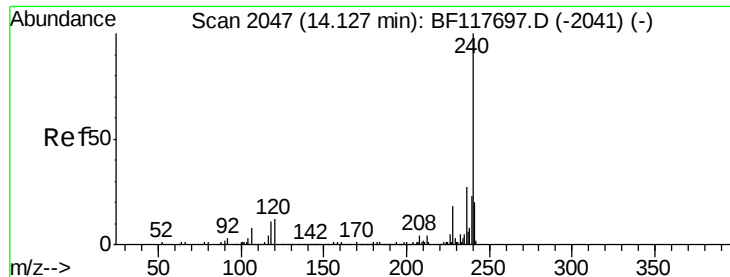
100000

0

12.65 12.70

Time-->





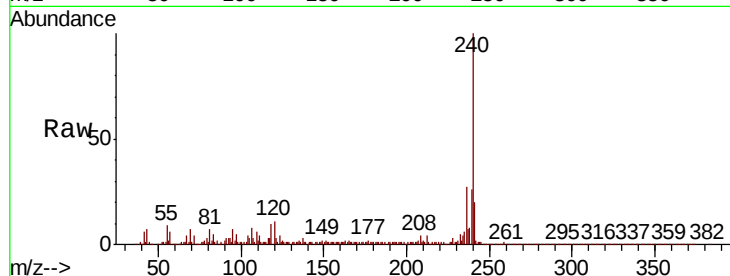
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF117734.D
Acq: 8 Nov 2019 16:43

Instrument :
BNA_F
ClientSampled :
2-A

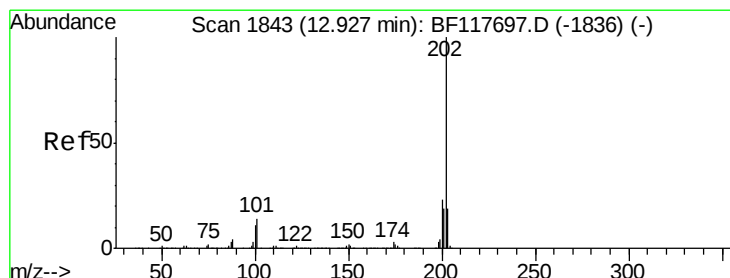
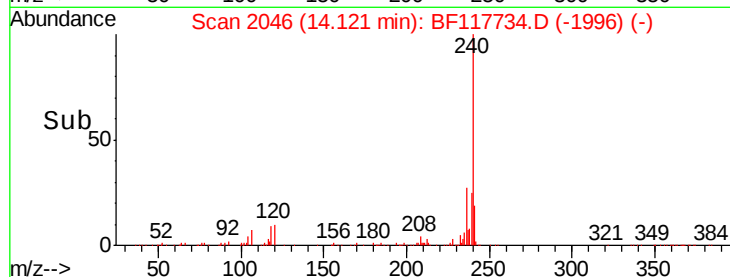
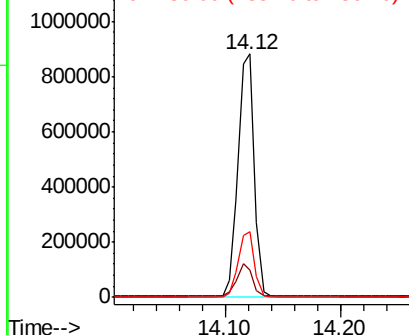
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.7	14.5
236	27.1	21.9	32.9

Manual Integrations
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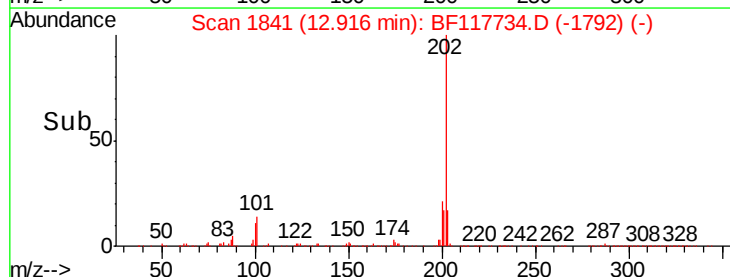
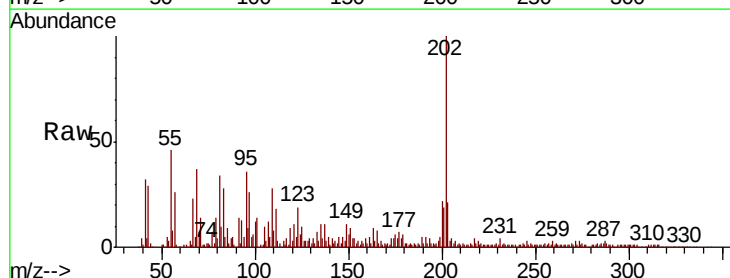
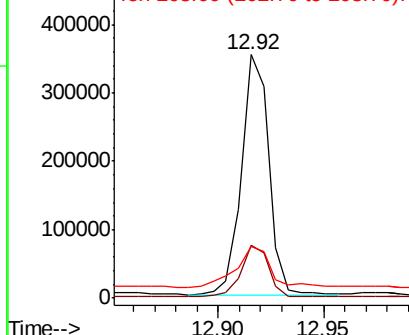
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

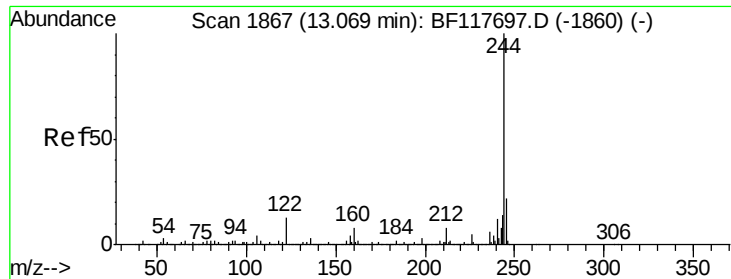


#78
Pyrene
Concen: 4.976 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117734.D
Acq: 8 Nov 2019 16:43

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.8	28.2
203	21.1	15.2	22.8

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: 64.776 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117734.D

Acq: 8 Nov 2019 16:43

Instrument :

BNA_F

ClientSampleId :

2-A

Tot Ion:244 Resp: 2713348

Ion Ratio Lower Upper

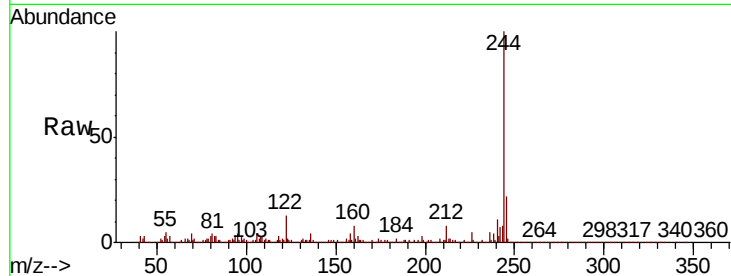
244 100

212 7.8 6.4 9.6

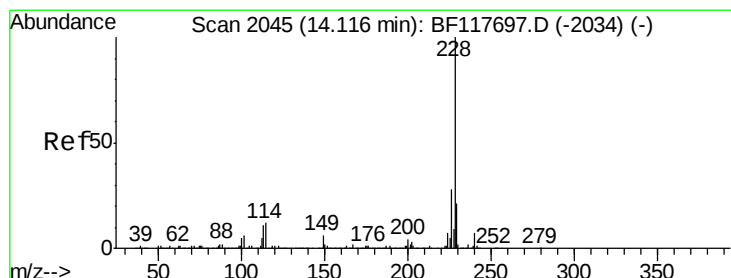
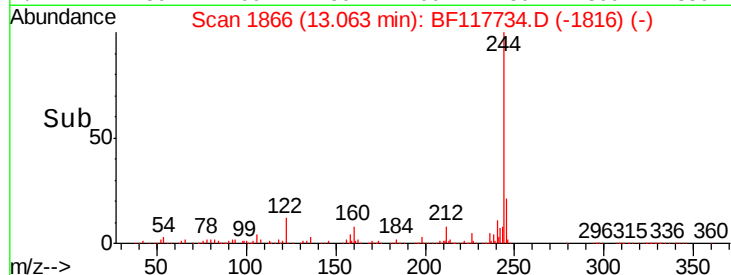
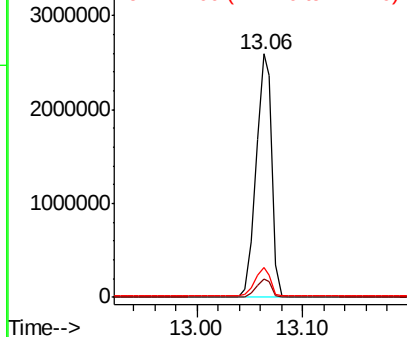
122 12.5 10.0 15.0

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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: 2.496 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117734.D

Acq: 8 Nov 2019 16:43

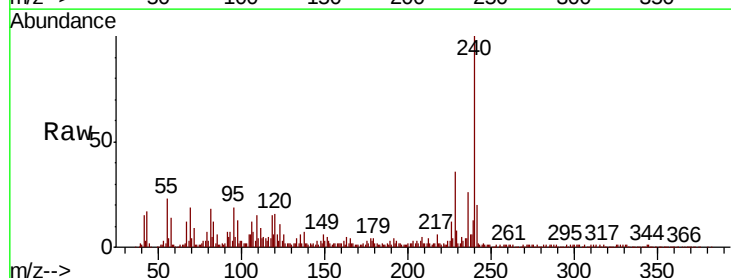
Tgt Ion:228 Resp: 133978

Ion Ratio Lower Upper

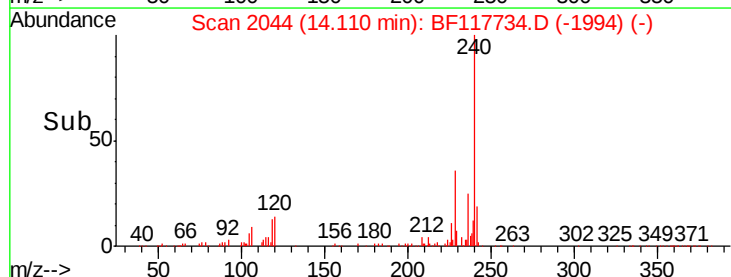
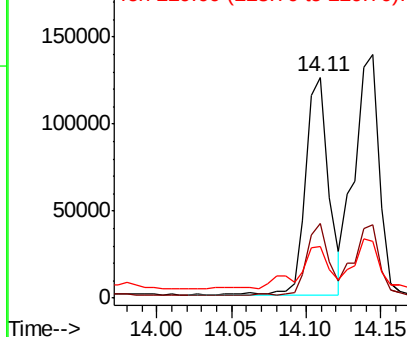
228 100

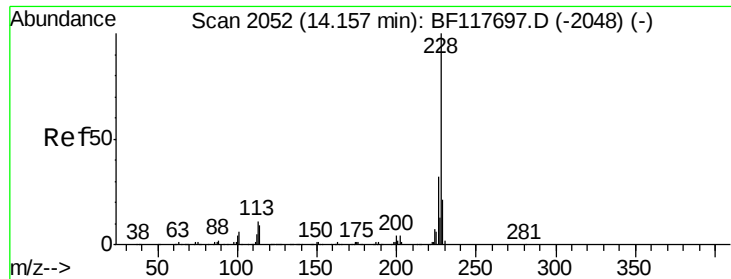
226 33.6 22.8 34.2

229 23.1 16.9 25.3



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





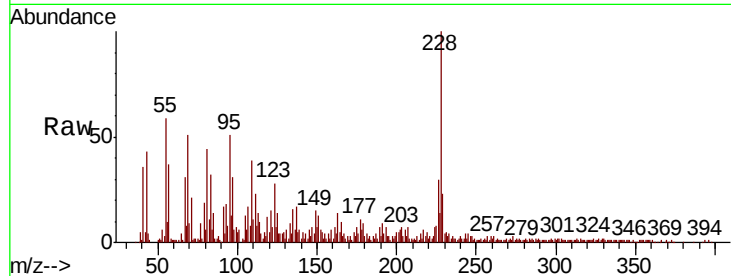
#83
Chrysene
Concen: 3.014 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF117734.D
Acq: 8 Nov 2019 16:43

Instrument :
BNA_F
ClientSampleId :
2-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		159742		
226	30.1	25.4	38.2		
229	23.3	16.6	24.8		

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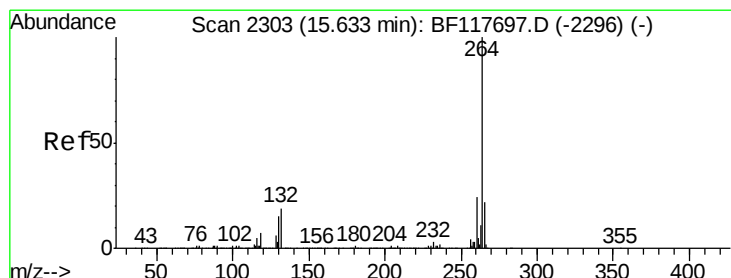
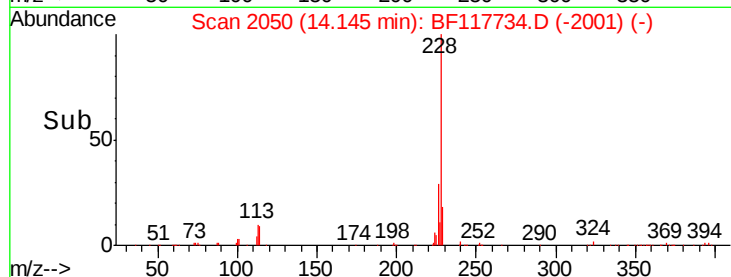
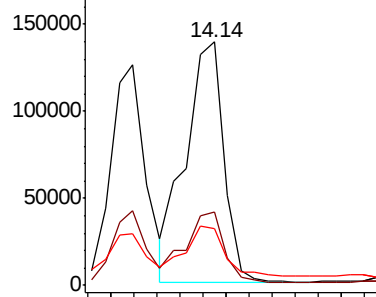


Abundance

Ion 228.00 (227.70 to 228.70): E

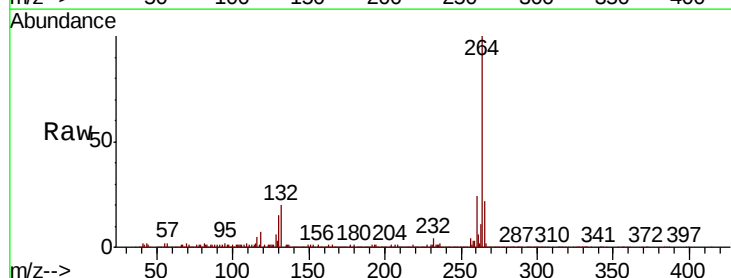
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF117734.D
Acq: 8 Nov 2019 16:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100		833963		
260	24.0	18.8	28.2		
265	21.9	17.7	26.5		

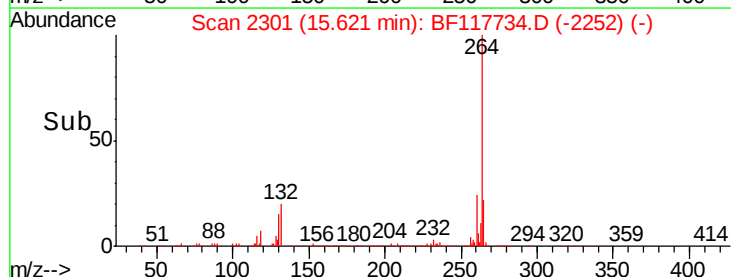
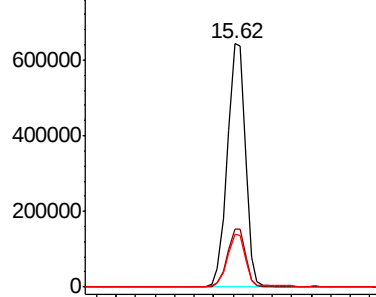


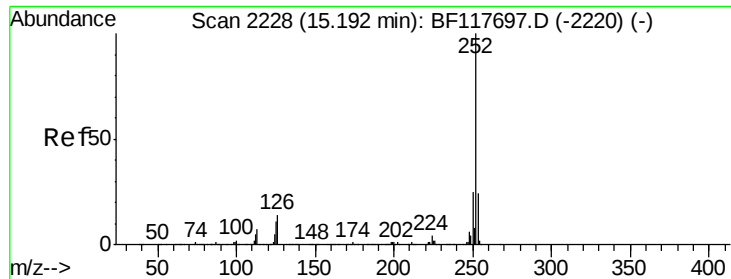
Abundance

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





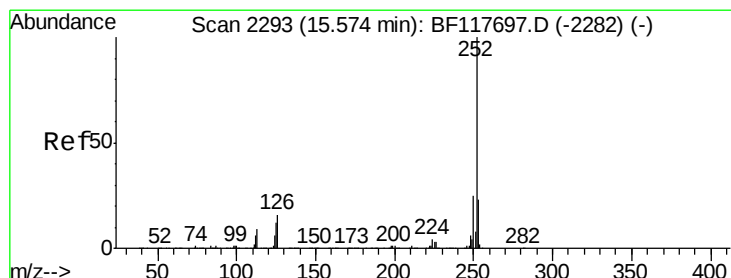
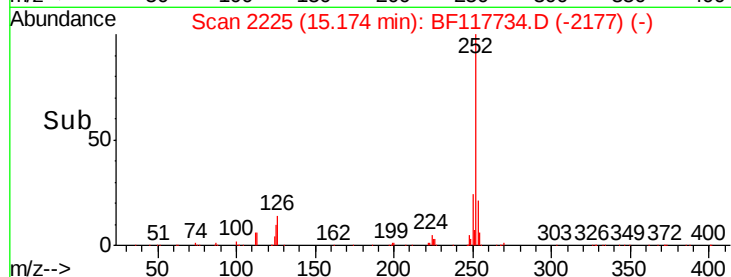
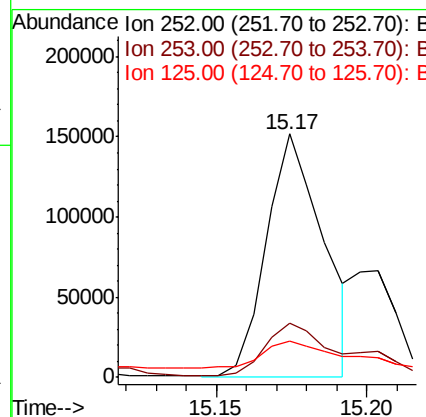
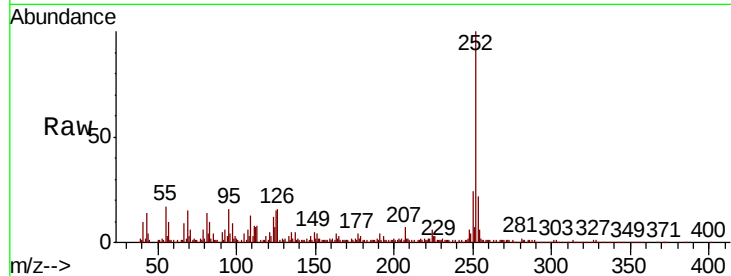
#88
Benzo(b)fluoranthene
Concen: 3.791 ng/mL
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF117734.D
Acq: 8 Nov 2019 16:43

Instrument :
BNA_F
ClientSampleId :
2-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	15.0	8.5	12.7

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#90
Benzo(a)pyrene
Concen: 2.003 ng/mL
RT: 15.56 min Scan# 2290
Delta R.T. -0.02 min
Lab File: BF117734.D
Acq: 8 Nov 2019 16:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	16.2	9.5	14.3

