

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115777.D
 Acq On : 26 Jul 2019 00:00
 Operator : HP/JU
 Sample : K3961-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-A

Manual Integrations
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Quant Time: Jul 26 12:00:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	129685	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	413096	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	194701	20.00	ng	0.01
64) Phenanthrene-d10	11.41	188	316287	20.00	ng	0.02
76) Chrysene-d12	14.03	240	327341	20.00	ng	0.00
87) Perylene-d12	15.50	264	402119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	825441	104.11	ng	0.00
7) Phenol-d6	6.50	99	1071720	106.53	ng	0.00
23) Nitrobenzene-d5	7.43	82	693267	97.58	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	220516	97.03	ng	0.02
45) 2-Fluorobiphenyl	9.24	172	989481	88.95	ng	0.00
79) Terphenyl-d14	12.98	244	1040339	58.64	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	228203	15.578	ng	# 95
52) Acenaphthene	9.96	154	128455	10.594	ng	# 50
58) Fluorene	10.47	166	342918m	27.858	ng	
71) Phenanthrene	11.43	178	834196	51.454	ng	# 96
72) Anthracene	11.48	178	69047m	4.121	ng	
75) Fluoranthene	12.62	202	58366	3.407	ng	77
78) Pyrene	12.84	202	218411	7.875	ng	94

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

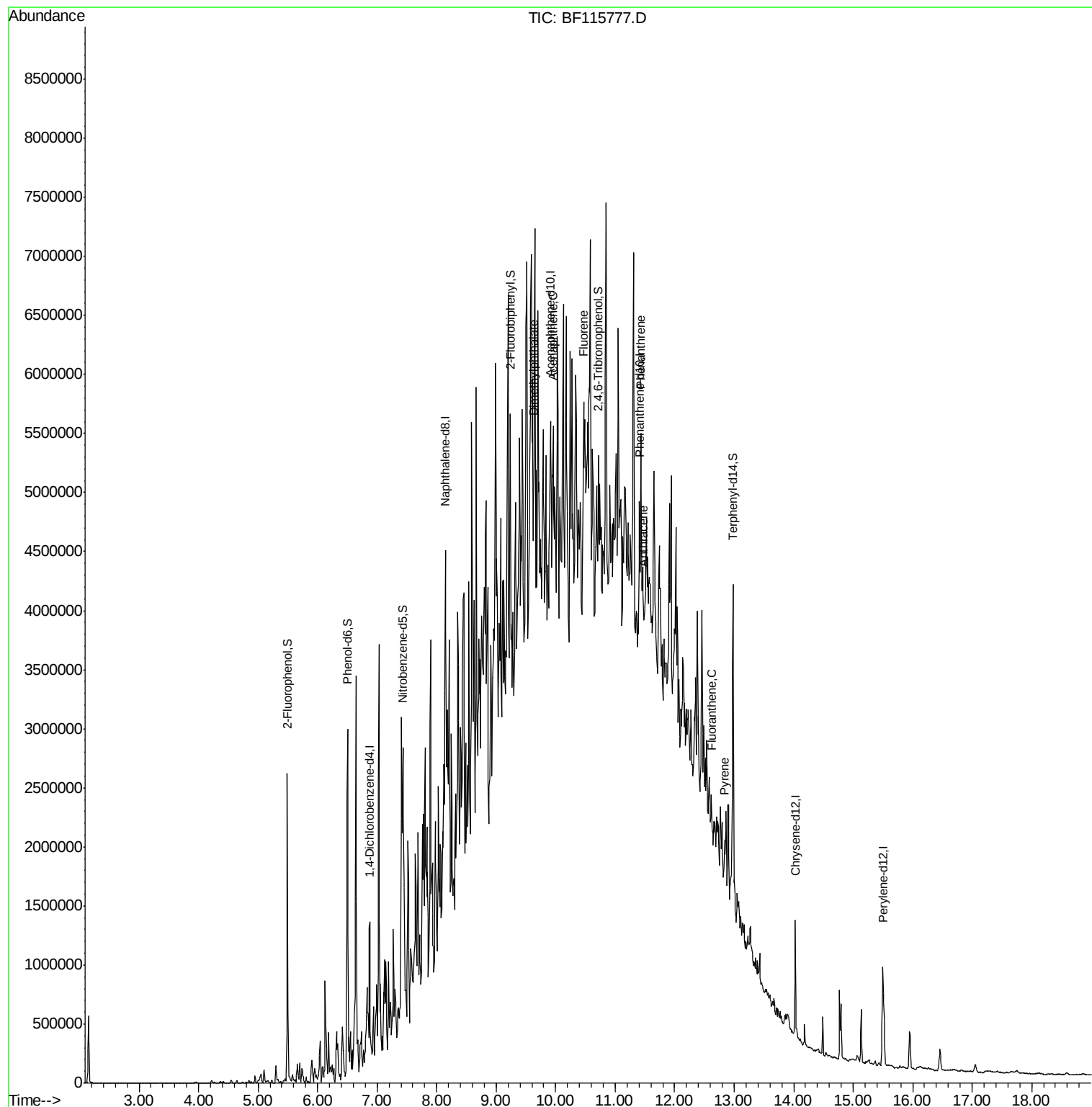
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115777.D
Acq On : 26 Jul 2019 00:00
Operator : HP/JU
Sample : K3961-03
Misc :
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Instrument :
BNA_F
ClientSampleId :
TP-10-A

Quant Time: Jul 26 12:00:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

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#1

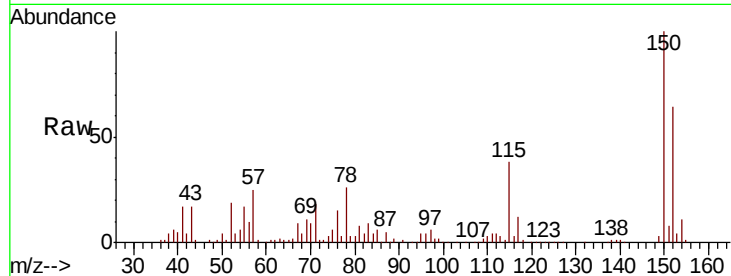
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF115777.D
Acq: 26 Jul 2019 00:00

Instrument :
BNA_F
ClientSampleId :
TP-10-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.6	189.8
115	58.9	47.8	71.6

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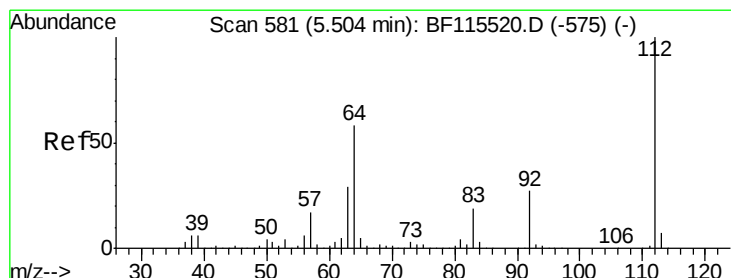
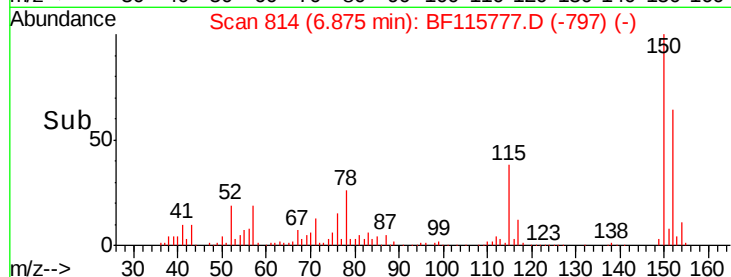
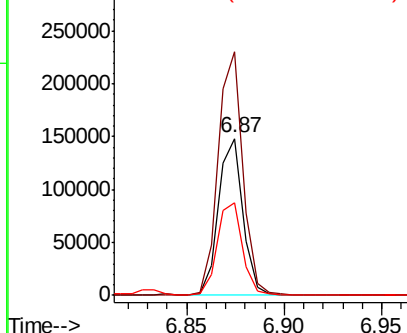


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

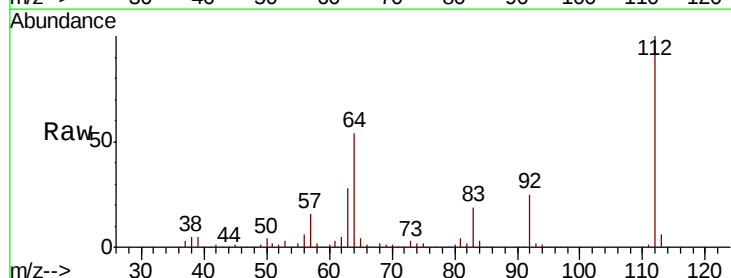
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.112 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF115777.D
Acq: 26 Jul 2019 00:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	45.8	68.8
63	28.3	23.6	35.4

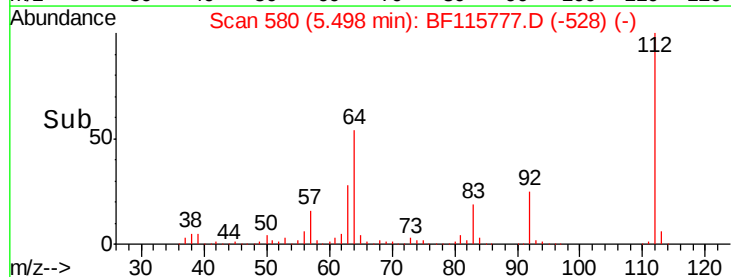
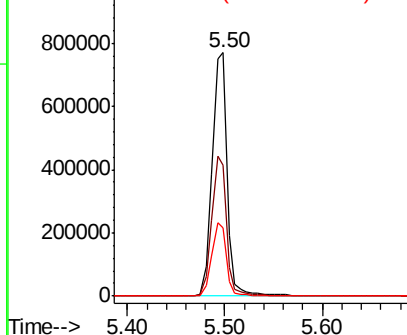


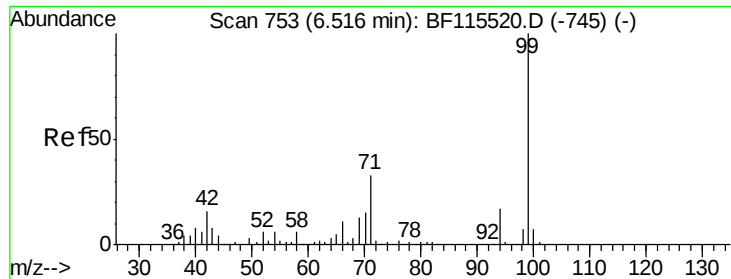
Abundance

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: 106.531 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF115777.D

Acq: 26 Jul 2019 00:00

Instrument :

BNA_F

ClientSampled :

TP-10-A

Tot Ion: 99 Resp: 1071720

Ion Ratio Lower Upper

99 100

42 16.6 13.4 20.2

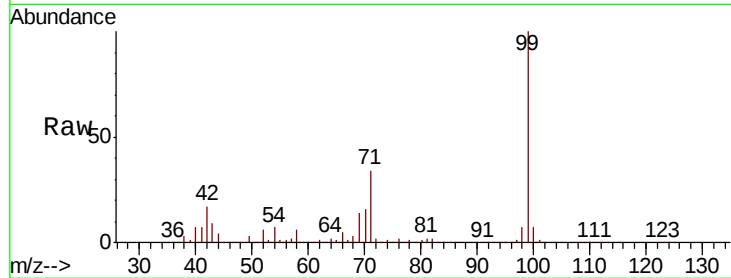
71 34.2 26.7 40.1

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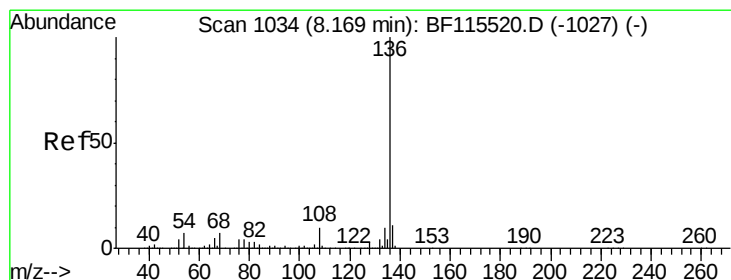
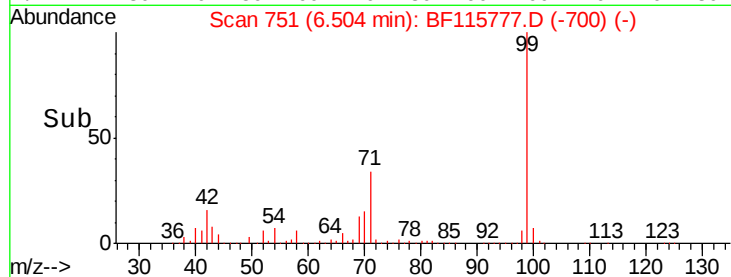
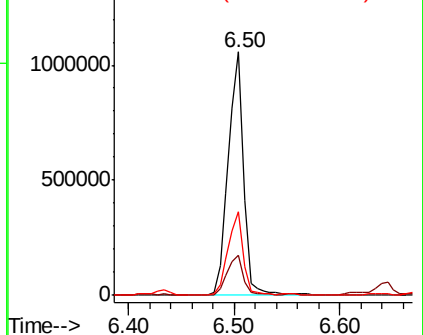
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF115777.D

Acq: 26 Jul 2019 00:00

Tgt Ion: 136 Resp: 413096

Ion Ratio Lower Upper

136 100

137 13.4 8.7 13.1#

54 10.3 5.0 7.6#

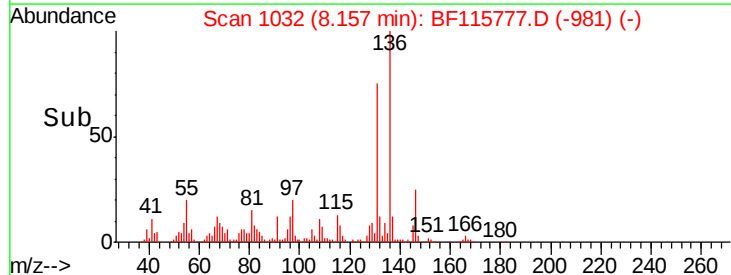
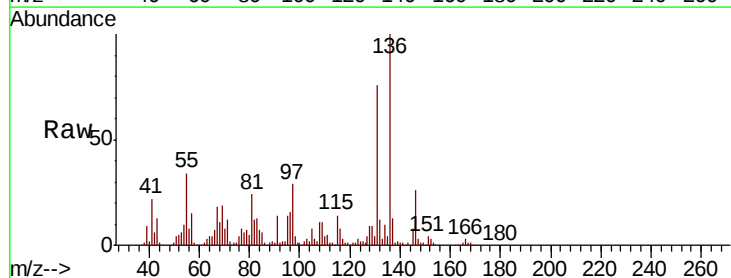
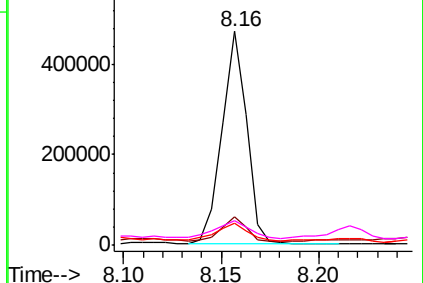
68 11.4 4.7 7.1#

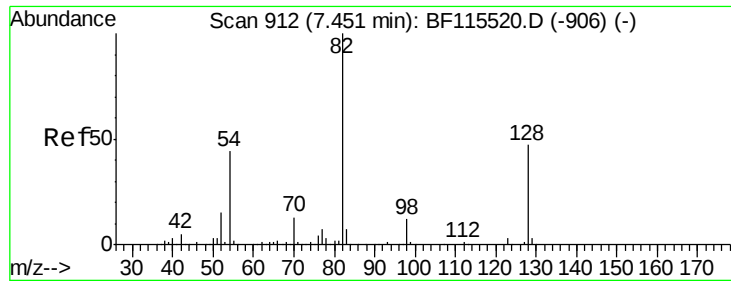
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





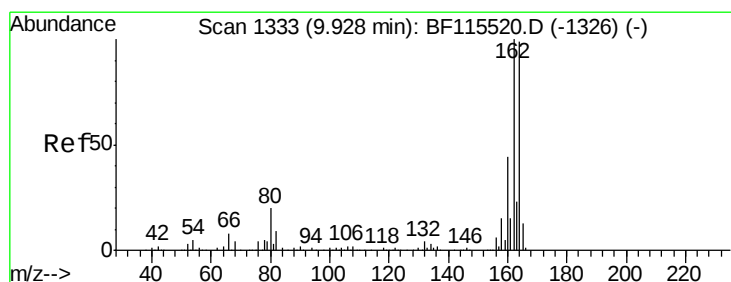
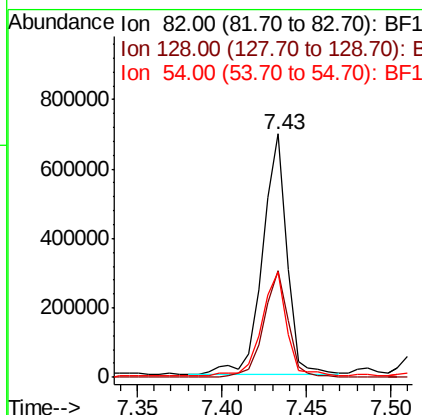
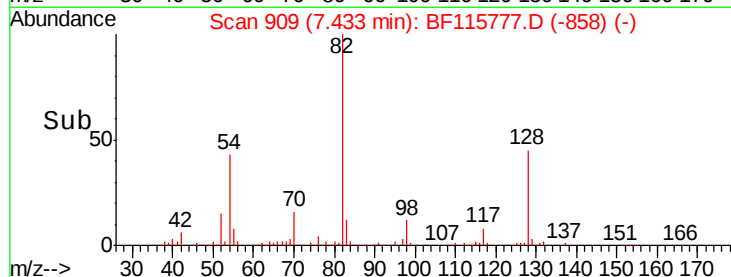
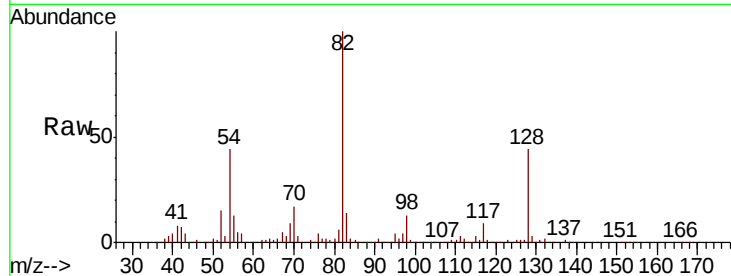
#23
Nitrobenzene-d5
Concen: 97.583 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF115777.D
Acq: 26 Jul 2019 00:00

Instrument :
BNA_F
ClientSampleId :
TP-10-A

Tot Ion	Ratio	Resp	Lower	Upper
82	100	693267		
128	44.0		36.6	55.0
54	43.5		36.6	54.8

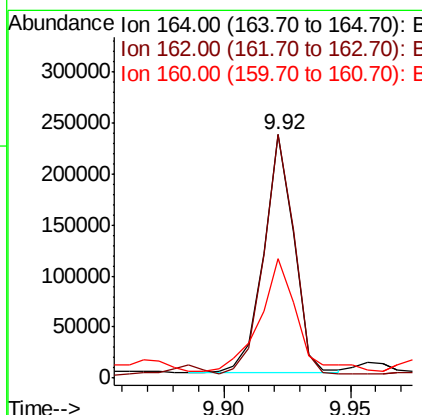
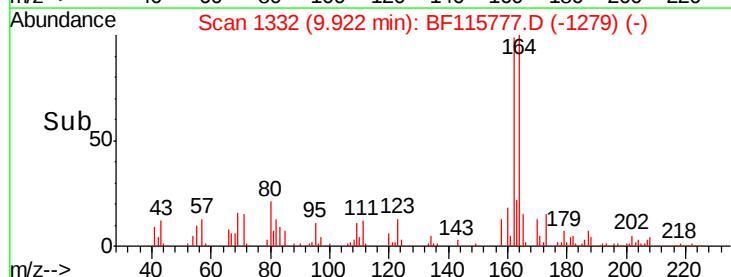
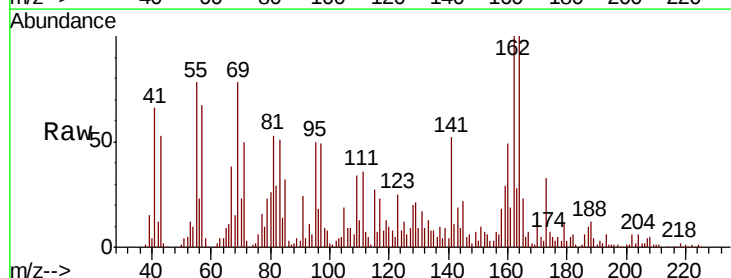
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF115777.D
Acq: 26 Jul 2019 00:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	194701		
162	99.9		81.8	122.6
160	49.0		37.5	56.3





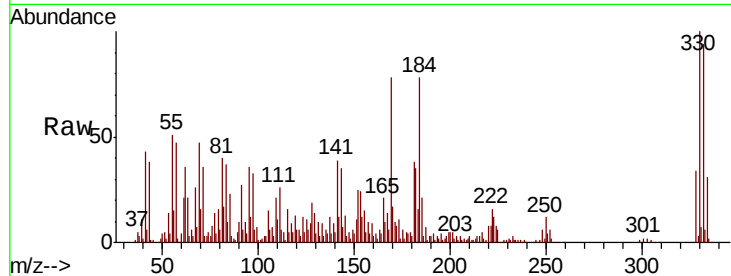
#42
 2,4,6-Tribromophenol
 Concen: 97.031 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.02 min
 Lab File: BF115777.D
 Acq: 26 Jul 2019 00:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	220516		
332	95.1	76.1	114.1	
141	39.8	25.9	38.9	

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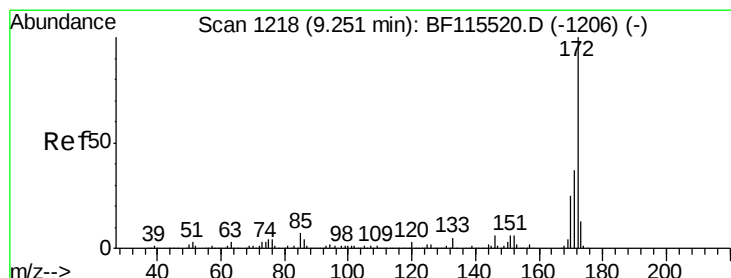
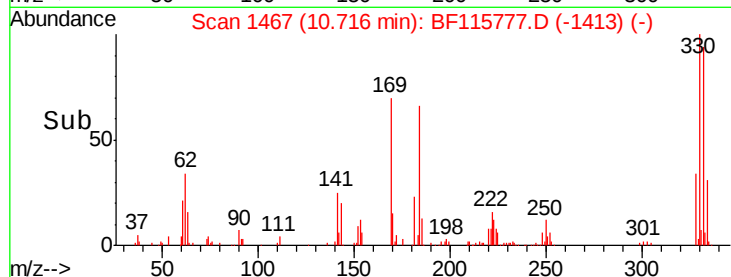
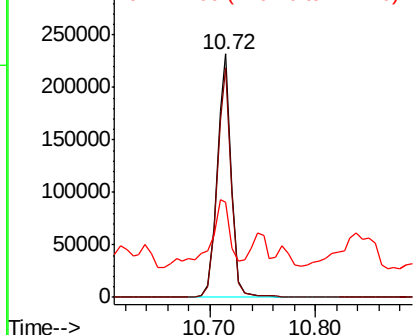


Abundance

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: 88.950 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF115777.D
 Acq: 26 Jul 2019 00:00

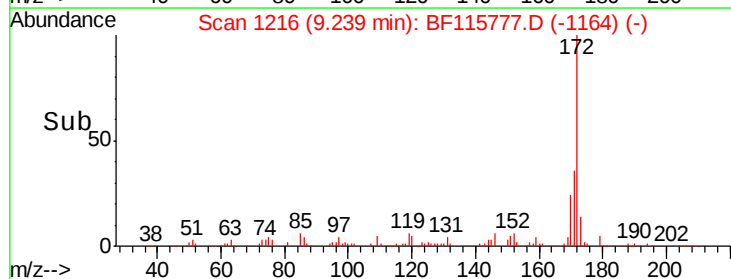
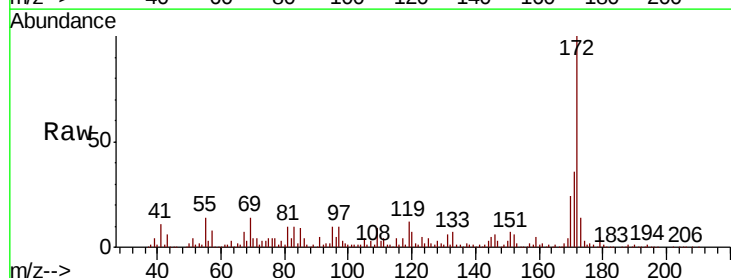
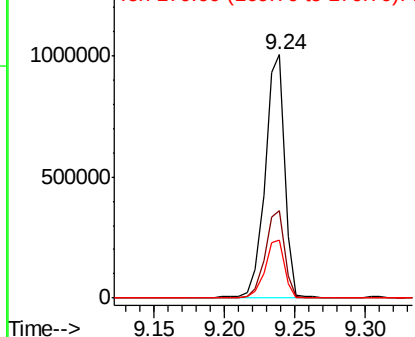
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	989481		
171	36.1	29.0	43.4	
170	23.9	20.1	30.1	

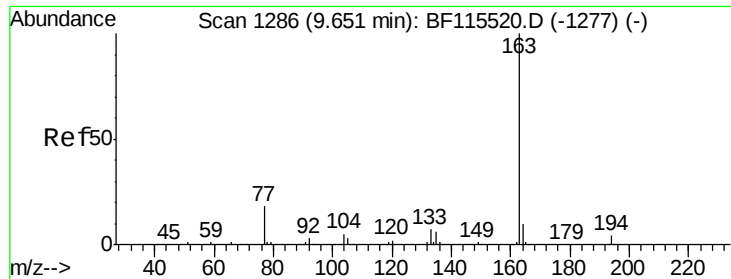
Abundance

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





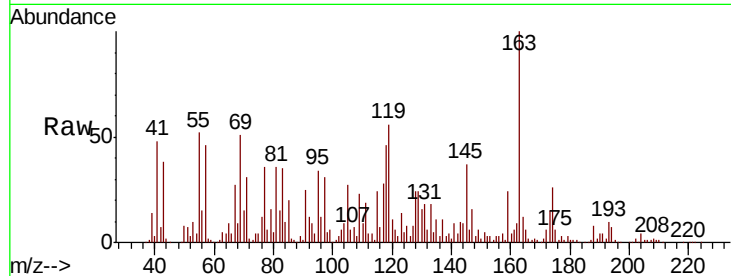
#50
Dimethylphthalate
Concen: 15.578 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF115777.D
Acq: 26 Jul 2019 00:00

Instrument :
BNA_F
ClientSampleId :
TP-10-A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	228203		
194	6.6	3.2	4.8#	
164	11.8	8.3	12.5	

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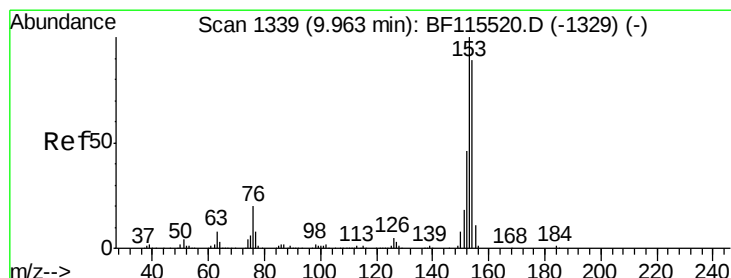
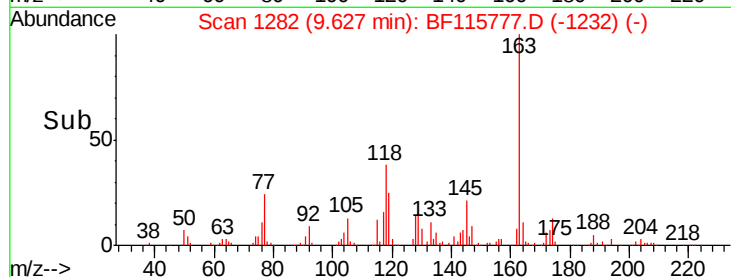
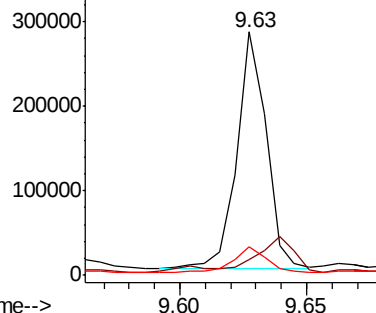


Abundance

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



#52
Acenaphthene
Concen: 10.594 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF115777.D
Acq: 26 Jul 2019 00:00

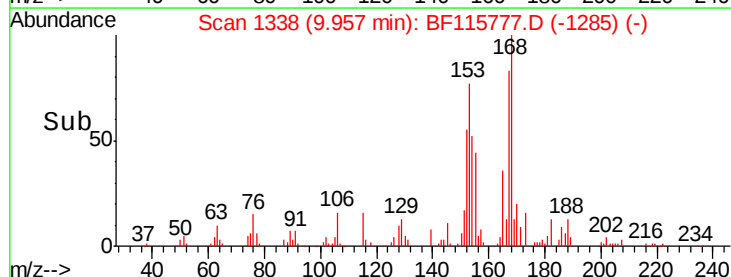
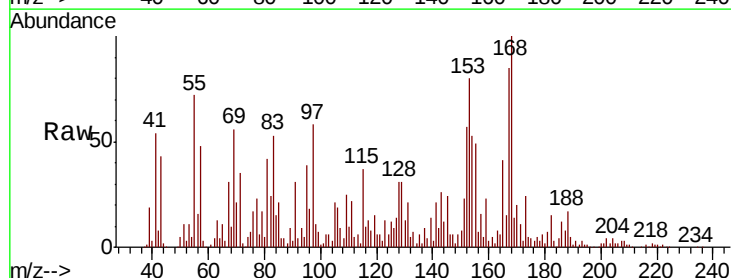
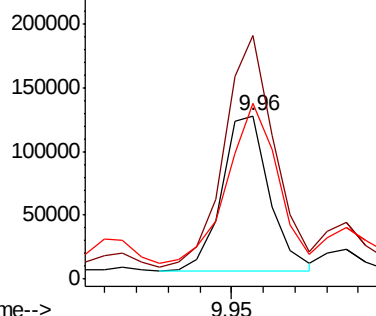
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	128455		
153	148.9	88.1	132.1#	
152	107.6	42.0	63.0#	

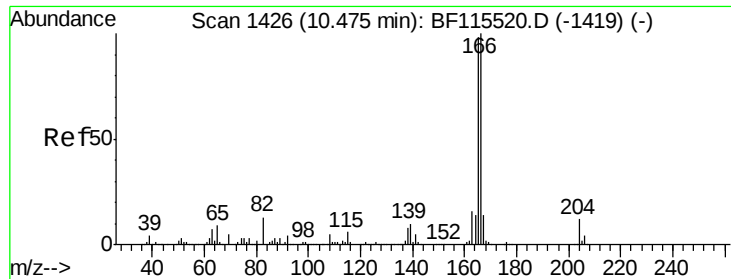
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





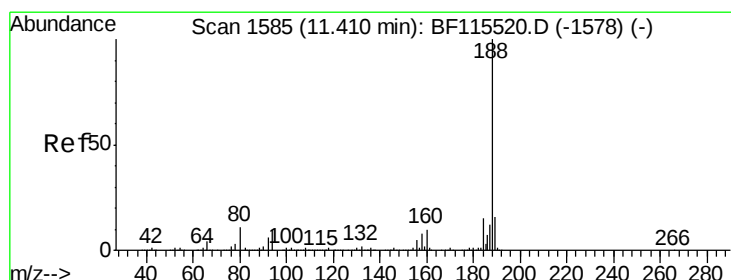
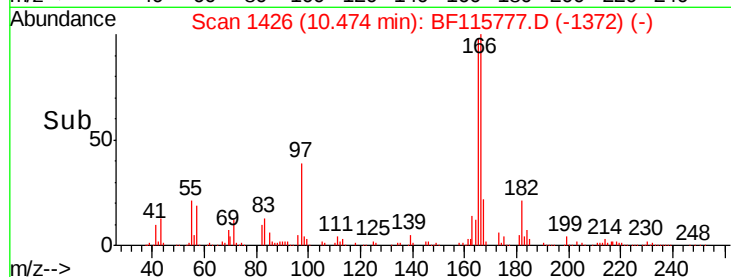
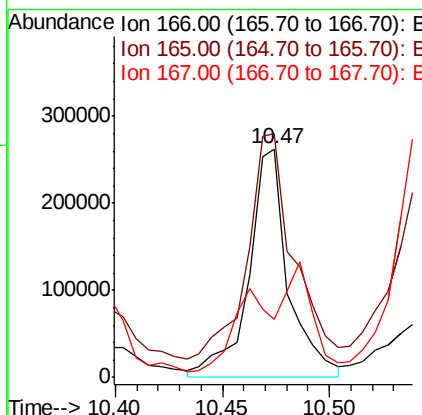
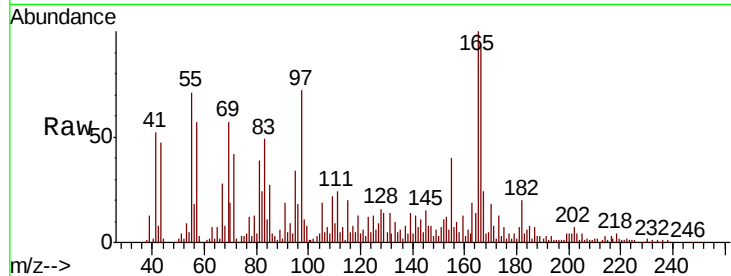
#58
Fluorene
 Concen: 27.858 ng/mL
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.02 min
 Lab File: BF115777.D
 Acq: 26 Jul 2019 00:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-A

Tot Ion	Ratio	Lower	Upper
166	100		
165	106.5	79.0	118.4
167	25.2	11.0	16.6

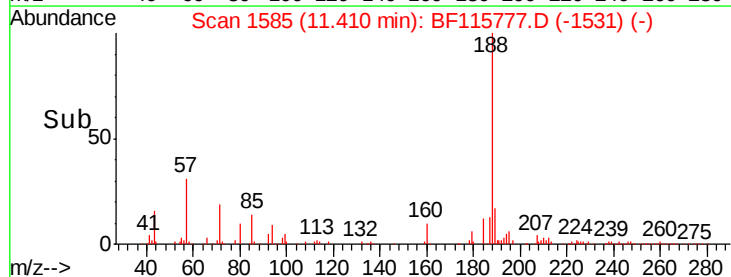
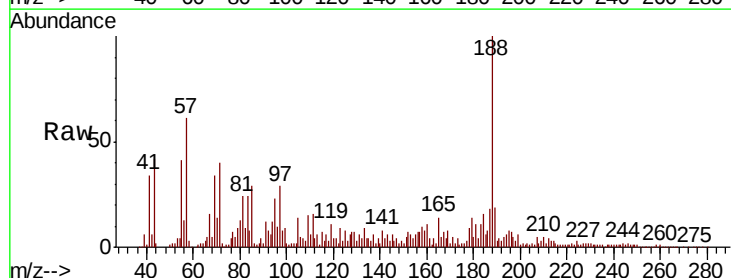
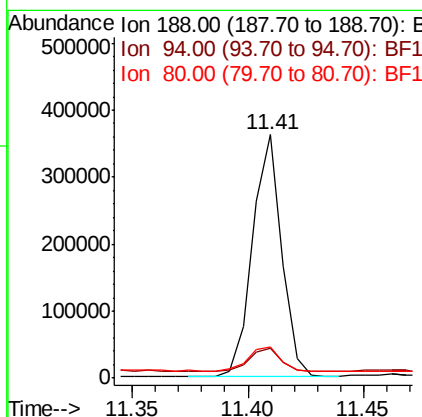
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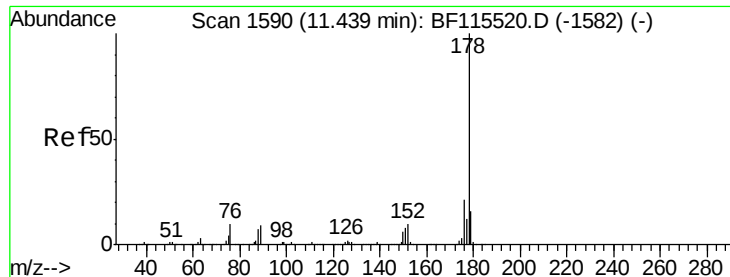
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#64
Phenanthrene-d10
 Concen: 20.000 ng/mL
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.02 min
 Lab File: BF115777.D
 Acq: 26 Jul 2019 00:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	8.2	12.2
80	12.9	9.0	13.6





#71

Phenanthrene

Concen: 51.454 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF115777.D

Acq: 26 Jul 2019 00:00

Instrument :

BNA_F

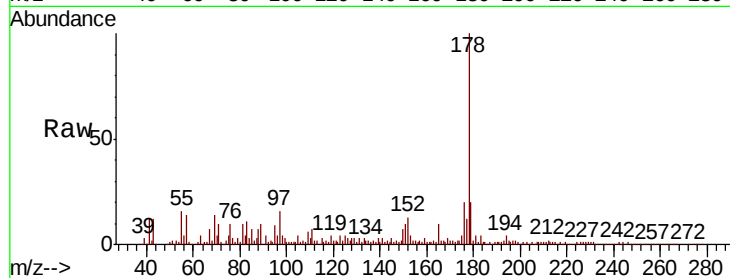
ClientSampleId :

TP-10-A

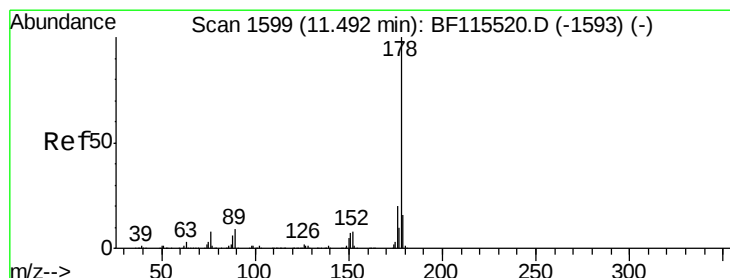
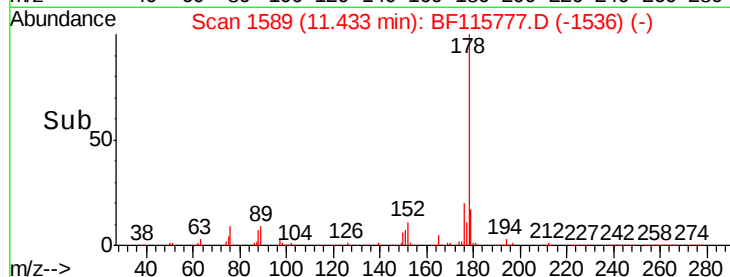
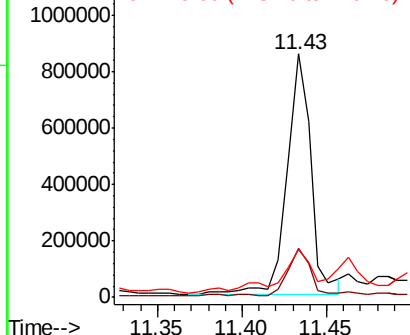
Tot Ion:178	Resp:	834196
Ion Ratio	Lower	Upper
178	100	
176	20.1	16.4 24.6
179	19.5	12.7 19.1#

Manual Integrations
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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



#72

Anthracene

Concen: 4.121 ng m

RT: 11.48 min Scan# 1597

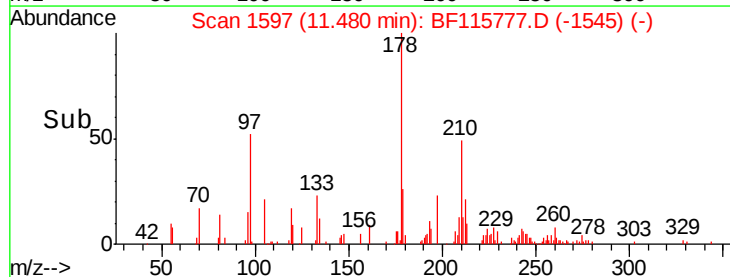
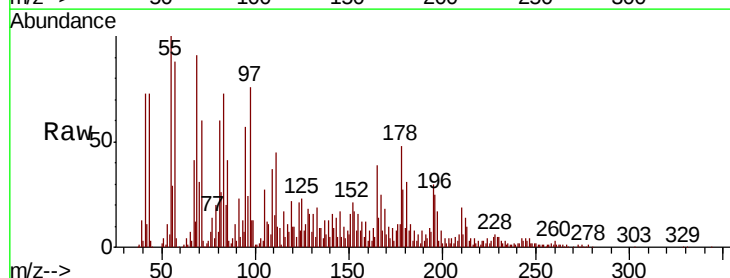
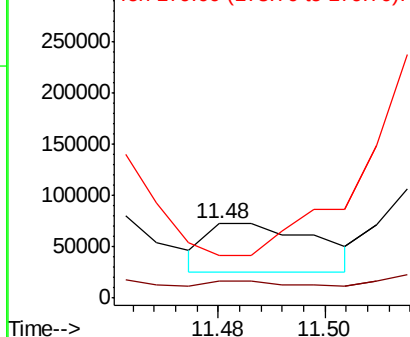
Delta R.T. 0.01 min

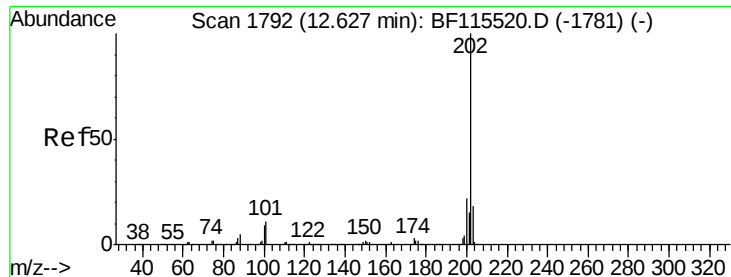
Lab File: BF115777.D

Acq: 26 Jul 2019 00:00

Tgt Ion:178	Resp:	69047
Ion Ratio	Lower	Upper
178	100	
176	22.3	16.1 24.1
179	56.6	12.6 18.8#

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





#75

Fluoranthene

Concen: 3.407 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.01 min

Lab File: BF115777.D

Acq: 26 Jul 2019 00:00

Instrument :

BNA_F

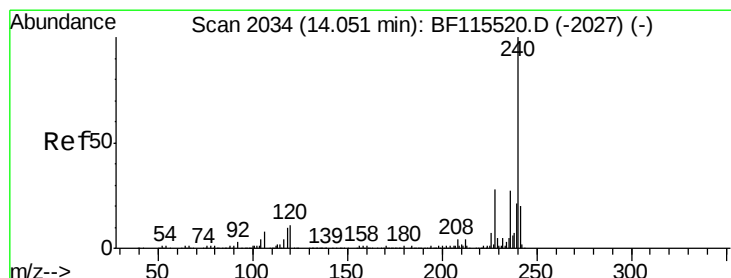
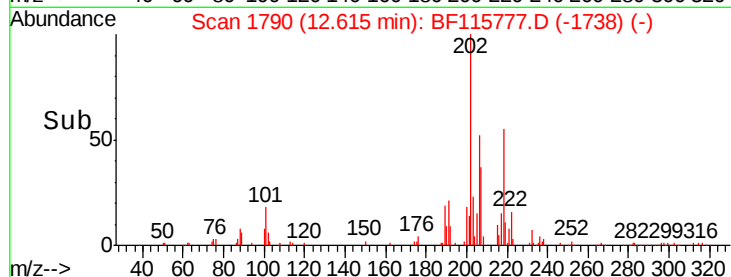
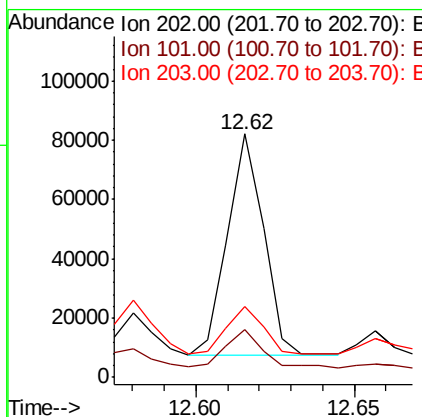
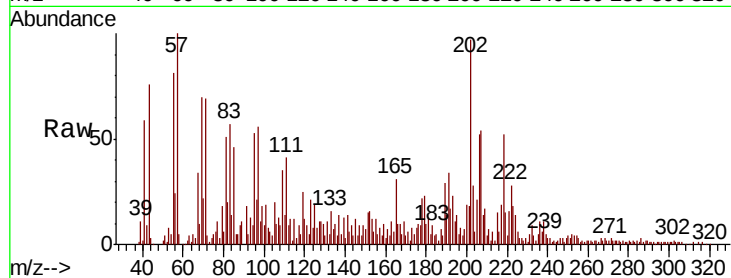
ClientSampled :

TP-10-A

Tot Ion:	202	Resp:	58366
Ion Ratio	Lower	Upper	
202	100		
101	19.6	0.0	31.6
203	29.1	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

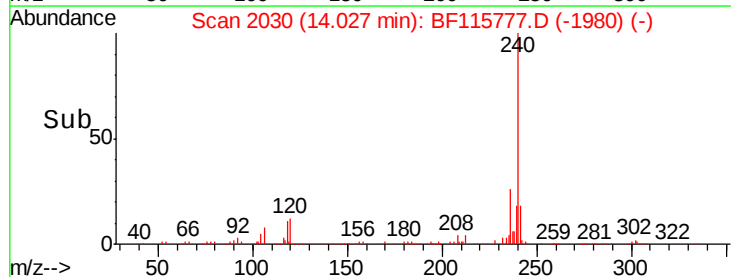
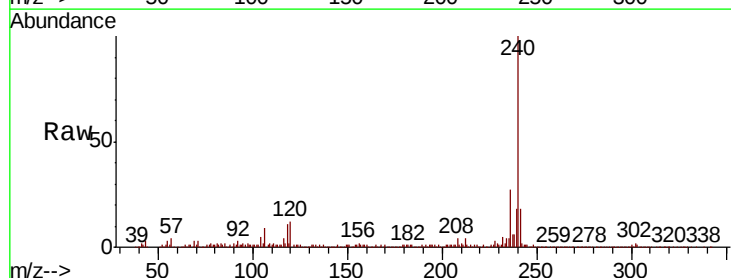
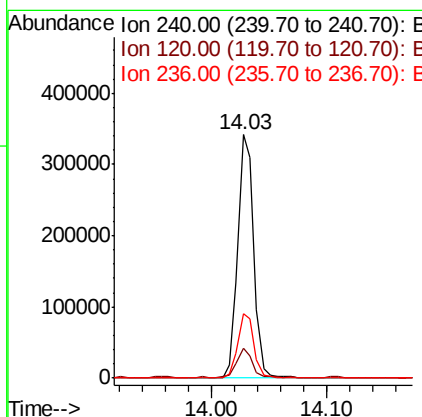
RT: 14.03 min Scan# 2030

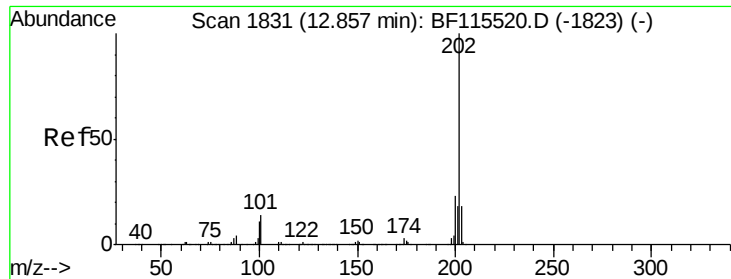
Delta R.T. -0.01 min

Lab File: BF115777.D

Acq: 26 Jul 2019 00:00

Tgt Ion:	240	Resp:	327341
Ion Ratio	Lower	Upper	
240	100		
120	12.3	10.0	15.0
236	26.6	21.8	32.6





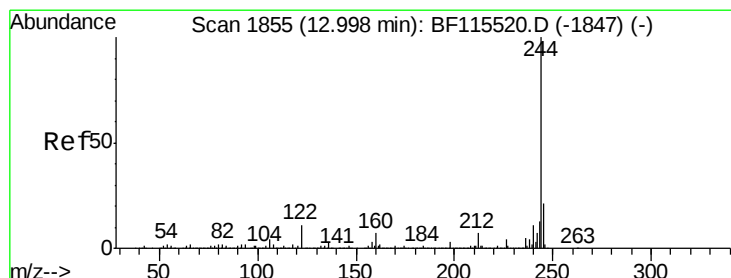
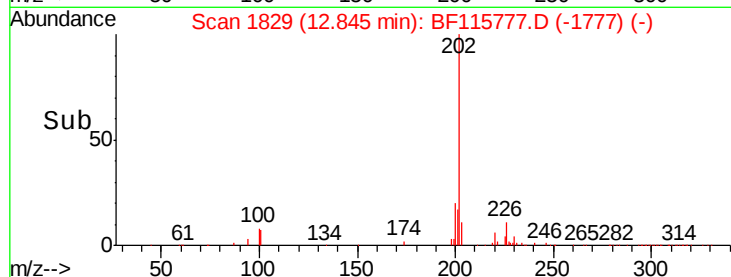
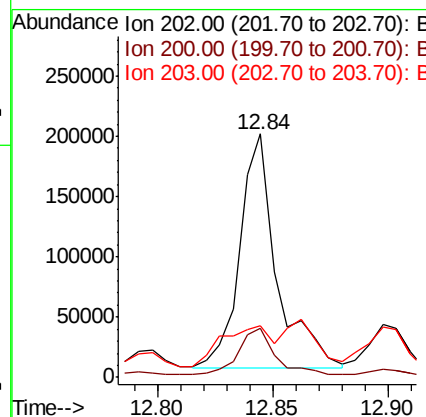
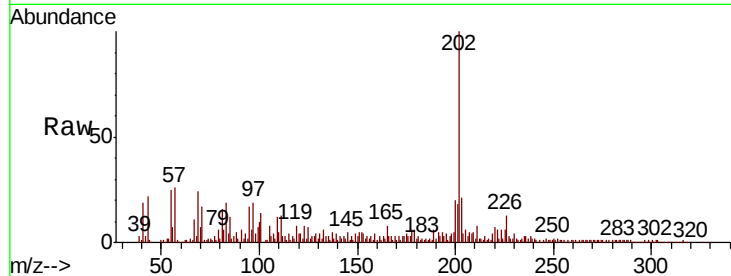
#78
Pvrene
Concen: 7.875 ng
RT: 12.84 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF115777.D
Acq: 26 Jul 2019 00:00

Instrument :
BNA_F
ClientSampled :
TP-10-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		218411		
200	20.4	18.2		27.4	
203	21.1	14.6		21.8	

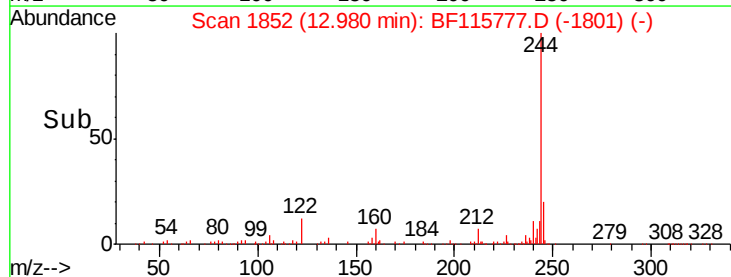
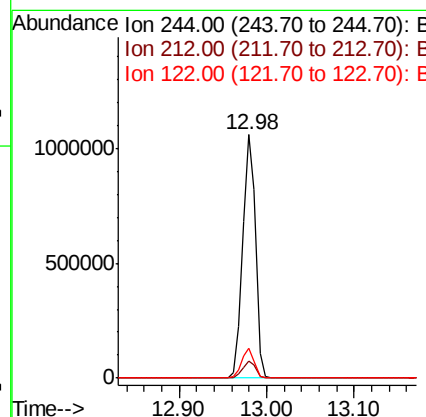
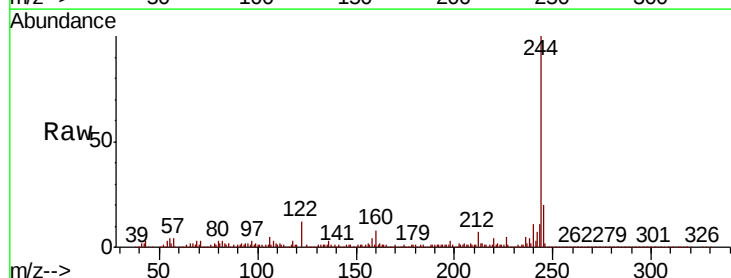
Manual Integrations
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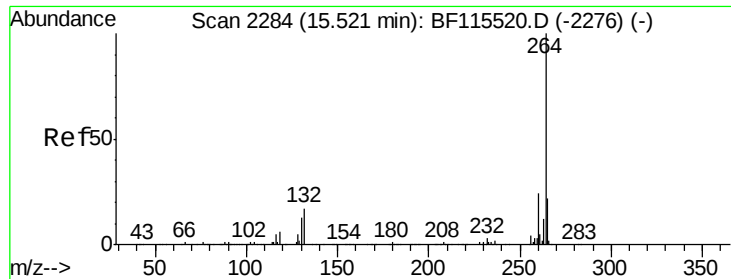
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#79
Terphenyl-d14
Concen: 58.642 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF115777.D
Acq: 26 Jul 2019 00:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		1040339		
212	7.1	5.5		8.3	
122	12.4	8.2		12.4#	





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF115777.D
Acq: 26 Jul 2019 00:00

Instrument :
BNA_F
ClientSampleId :
TP-10-A

Tot Ion:	264	Resp:	402119
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.8	29.6
265	21.8	17.5	26.3

Manual Integrations
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