

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115161.D
 Acq On : 24 Jun 2019 21:41
 Operator : HP/JU
 Sample : K3482-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
 APPROVED

mohammad
 6/28/2019 8:25:22 AM

Quant Time: Jun 25 08:25:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	301695	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1143220	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	568109	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1132729	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	851598	20.00	ng	-0.02
87) Perylene-d12	15.09	264	729424	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1589271	81.29	ng	0.00
7) Phenol-d6	6.25	99	2019564	85.11	ng	0.00
23) Nitrobenzene-d5	7.17	82	1195987	64.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	494702	82.58	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2069496	61.88	ng	-0.01
79) Terphenyl-d14	12.69	244	2343616	58.51	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.36	163	666687	15.951	ng	99
71) Phenanthrene	11.13	178	122268	2.005	ng	98
75) Fluoranthene	12.31	202	254905	4.189	ng	96
78) Pyrene	12.53	202	235047	3.591	ng	99
81) Benzo(a)anthracene	13.71	228	126039	2.063	ng	98
88) Benzo(b)fluoranthene	14.71	252	123156m	2.706	ng	

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

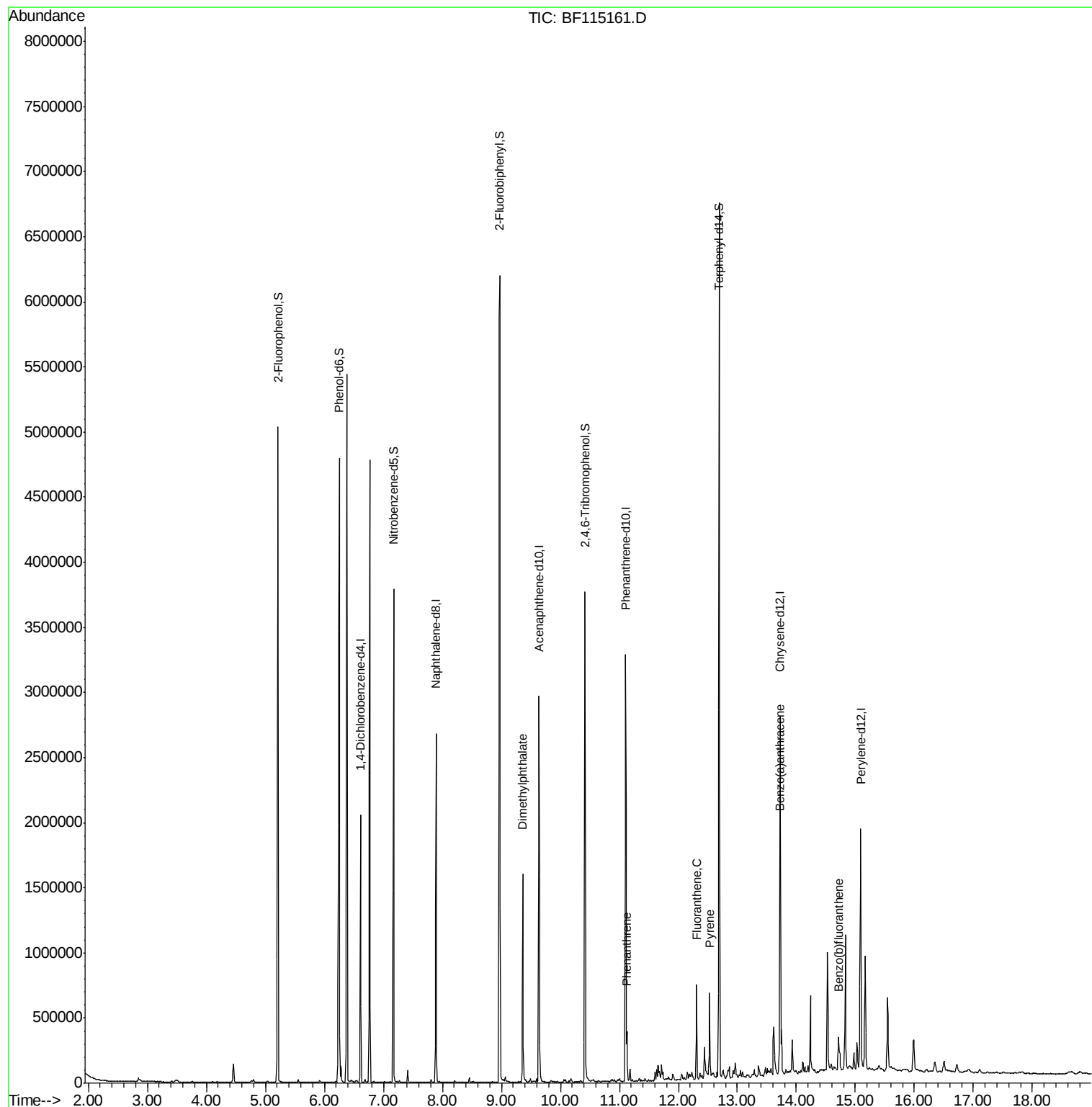
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115161.D
Acq On : 24 Jun 2019 21:41
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Misc :
ALS Vial : 10 Sample Multiplier: 1

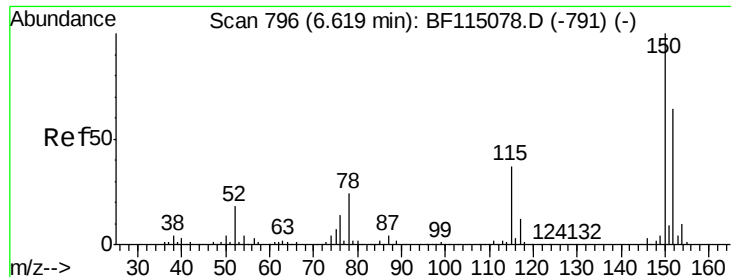
Instrument :
BNA_F
ClientSampleId :
TP-2

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Quant Time: Jun 25 08:25:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
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#1

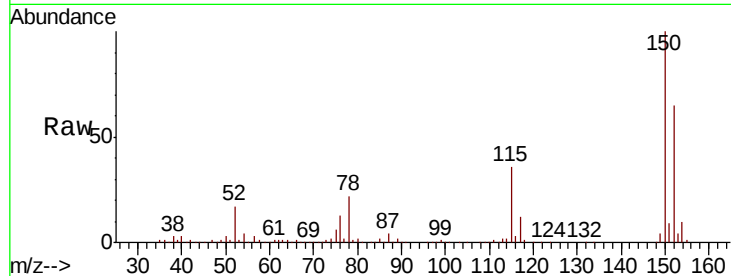
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115161.D
Acq: 24 Jun 2019 21:41

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.2	186.2
115	56.0	46.1	69.1

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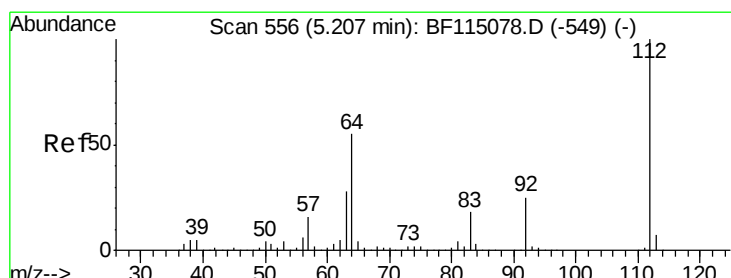
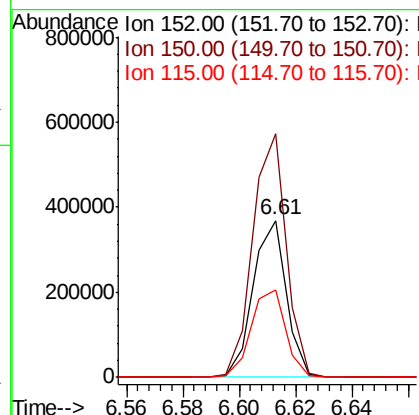
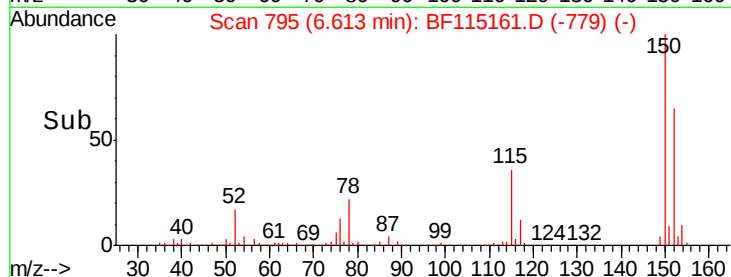


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

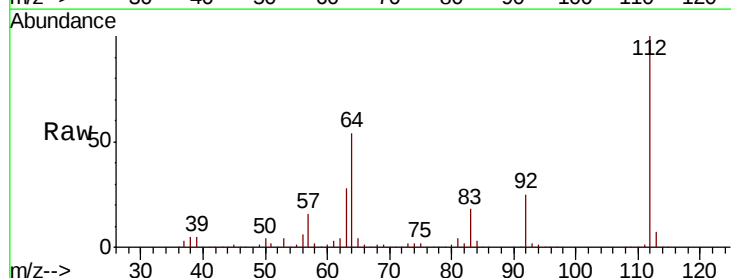
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 81.291 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF115161.D
Acq: 24 Jun 2019 21:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	43.8	65.6
63	27.6	22.2	33.4

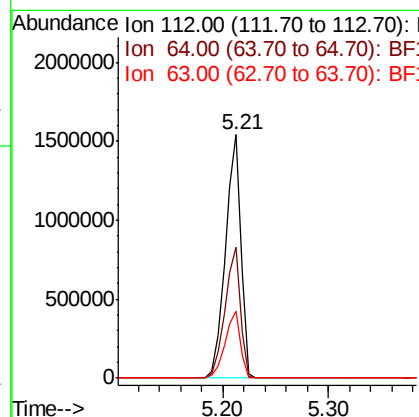
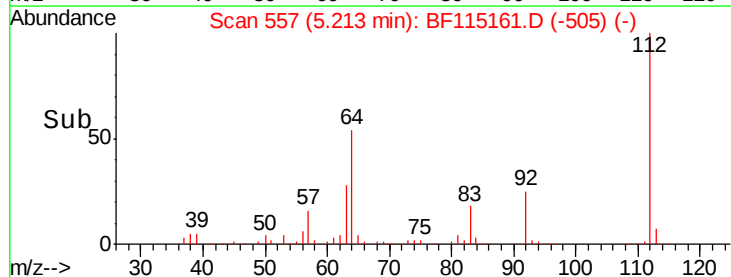


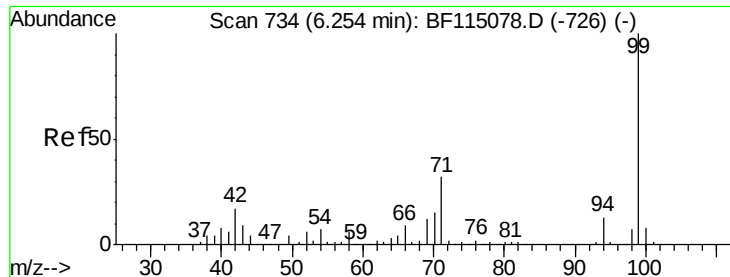
Abundance

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: 85.108 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115161.D

Acq: 24 Jun 2019 21:41

Instrument :

BNA_F

ClientSampled :

TP-2

Tot Ion: 99 Resp: 2019564

Ion Ratio Lower Upper

99 100

42 17.5 13.6 20.4

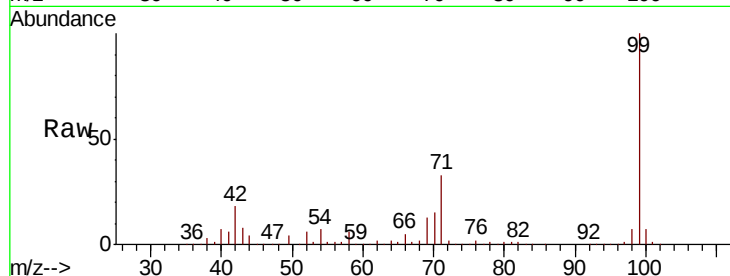
71 32.6 25.5 38.3

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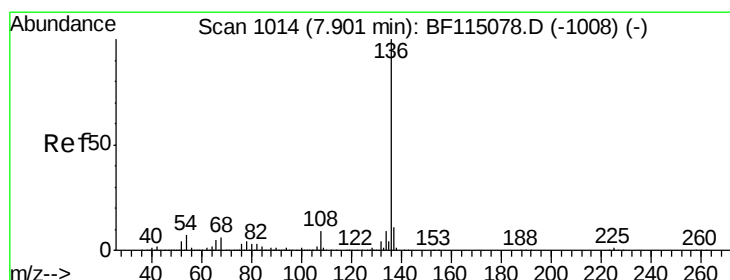
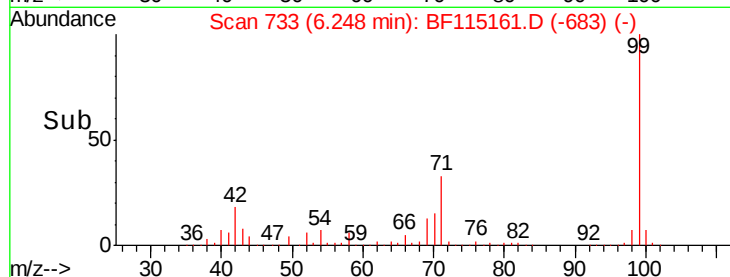
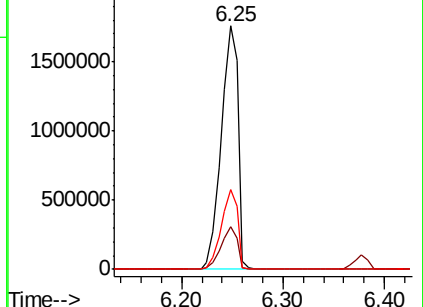
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115161.D

Acq: 24 Jun 2019 21:41

Tgt Ion:136 Resp: 1143220

Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 7.4 5.6 8.4

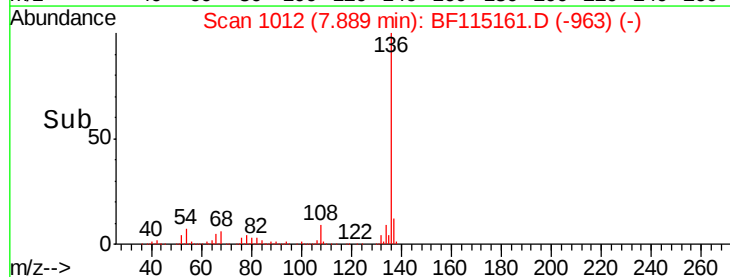
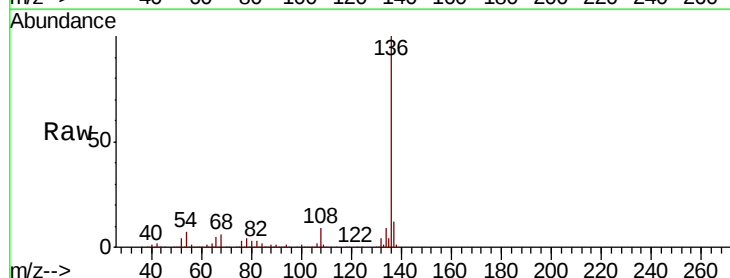
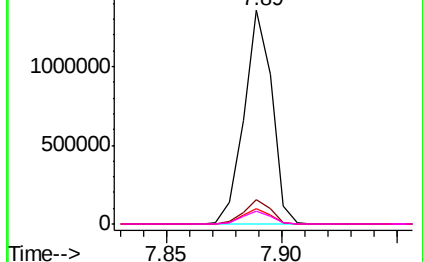
68 6.2 4.8 7.2

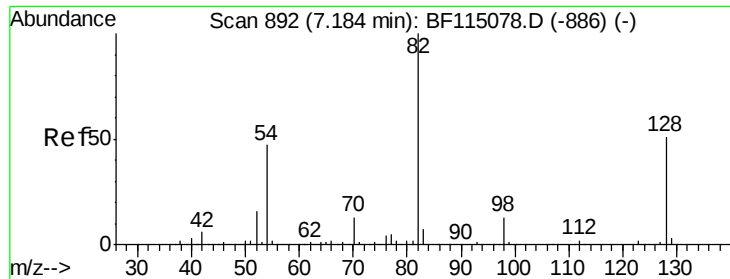
Abundance Ion 136.00 (135.70 to 136.70): E

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





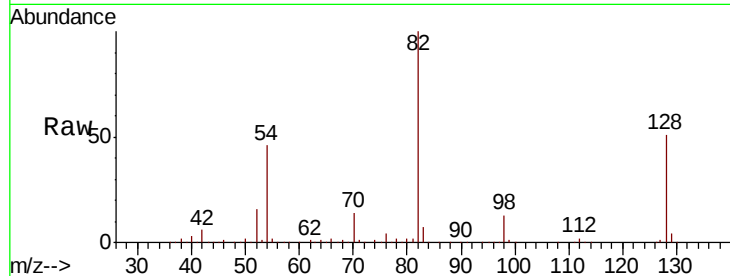
#23
Nitrobenzene-d5
Concen: 64.355 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115161.D
Acq: 24 Jun 2019 21:41

Instrument :
BNA_F
ClientSampleId :
TP-2

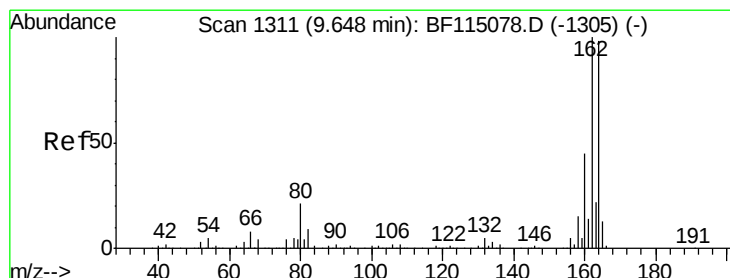
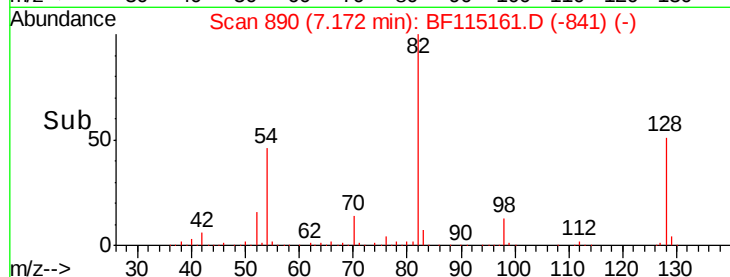
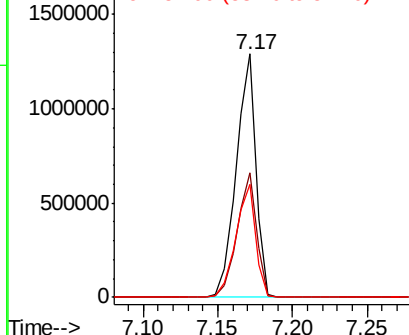
Tot Ion	Ratio	Lower	Upper
82	100		
128	51.0	40.4	60.6
54	46.5	37.5	56.3

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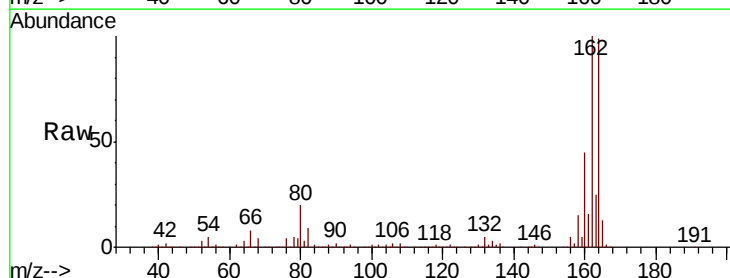


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

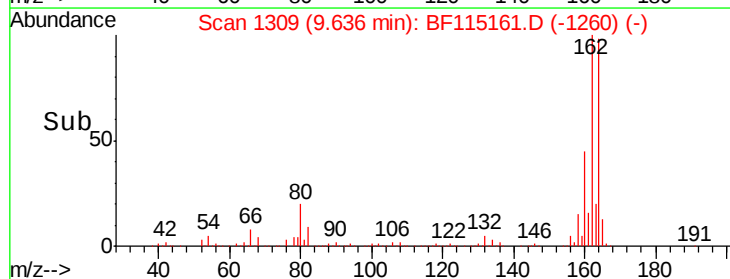
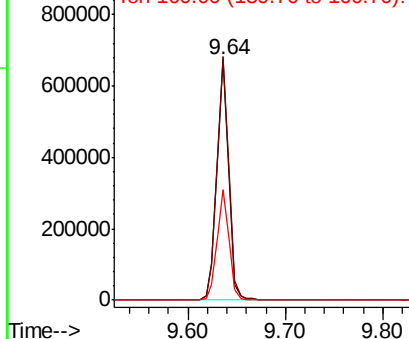


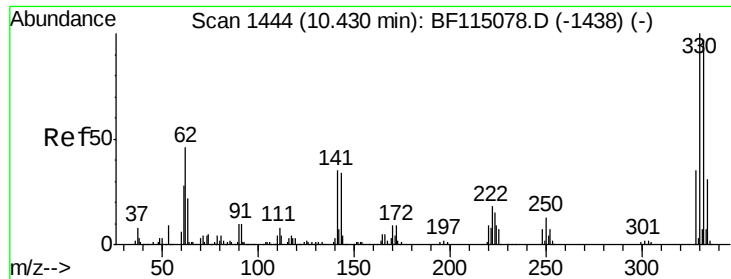
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115161.D
Acq: 24 Jun 2019 21:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.7	122.5
160	45.8	37.0	55.4



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: 82.575 ng

RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF115161.D

Acq: 24 Jun 2019 21:41

Instrument :

BNA_F

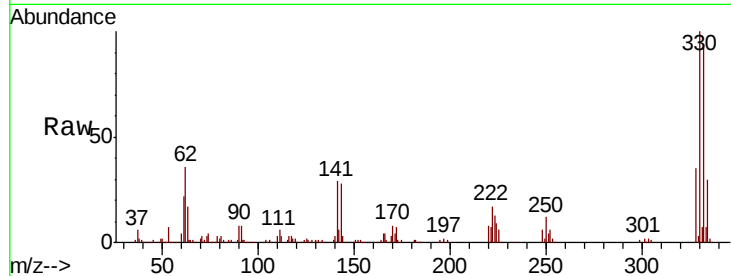
ClientSampleId :

TP-2

Tot Ion:	330	Resp:	494702
Ion Ratio	Lower	Upper	
330	100		
332	94.0	77.3	115.9
141	33.0	28.2	42.2

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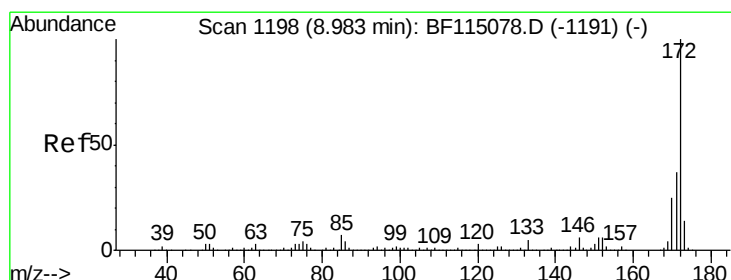
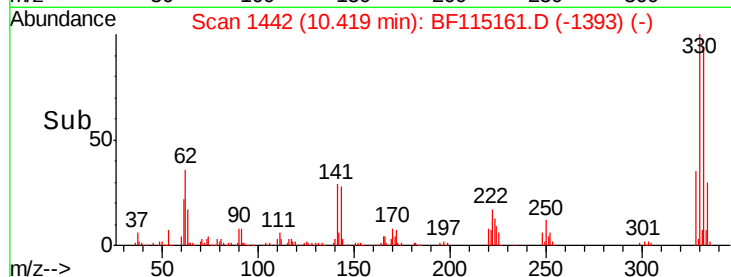
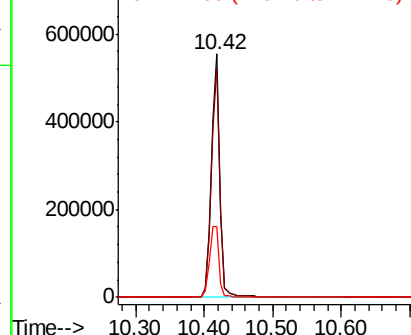


Abundance

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: 61.877 ng

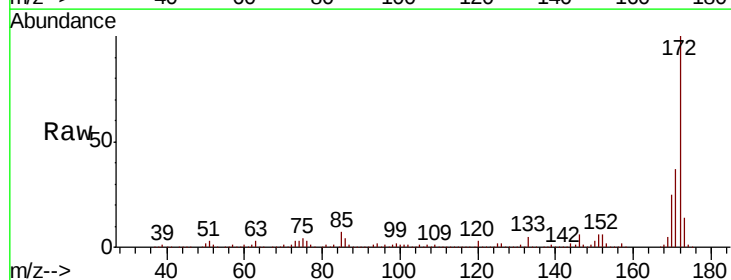
RT: 8.97 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF115161.D

Acq: 24 Jun 2019 21:41

Tgt Ion:	172	Resp:	2069496
Ion Ratio	Lower	Upper	
172	100		
171	37.2	29.8	44.6
170	25.4	20.3	30.5

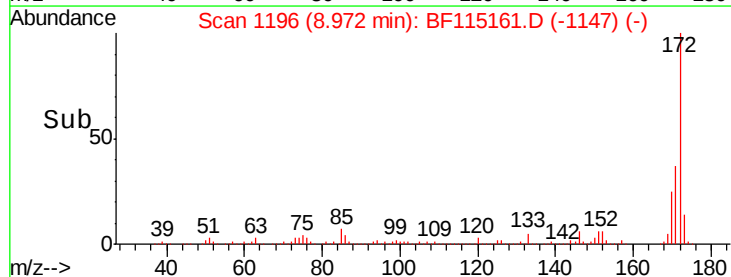
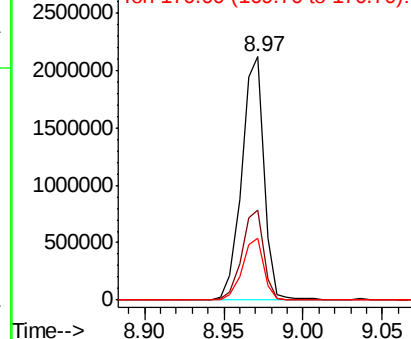


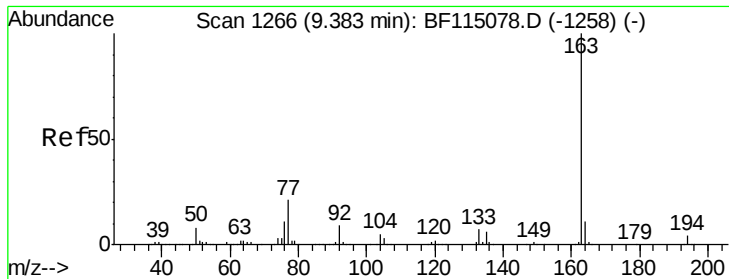
Abundance

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





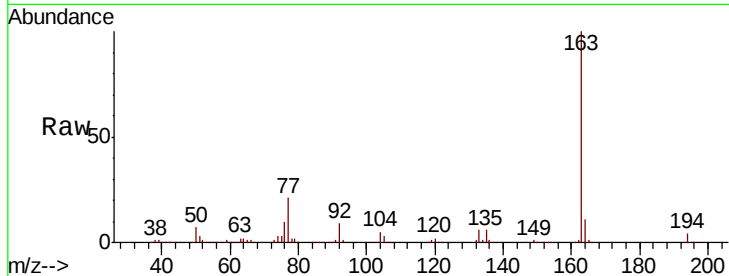
#50
Dimethylphthalate
Concen: 15.951 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115161.D
Acq: 24 Jun 2019 21:41

Instrument :
BNA_F
ClientSampled :
TP-2

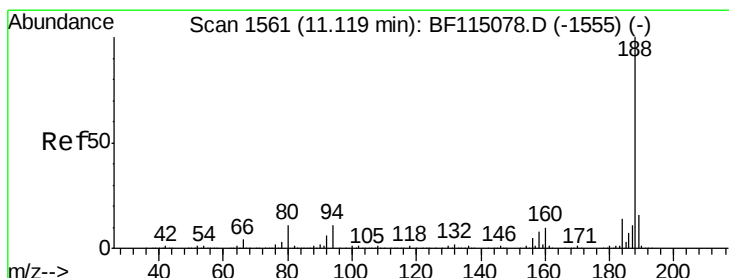
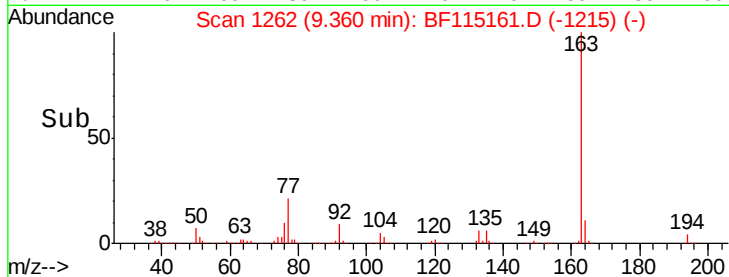
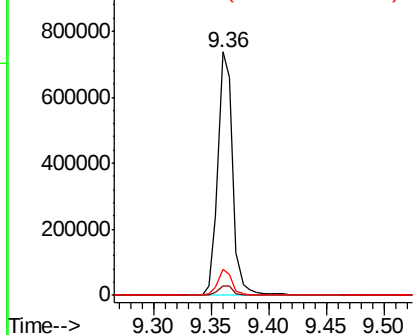
Tot Ion	Ratio	Resp	Lower	Upper
163	100	666687		
194	3.8		3.2	4.8
164	10.5		8.6	13.0

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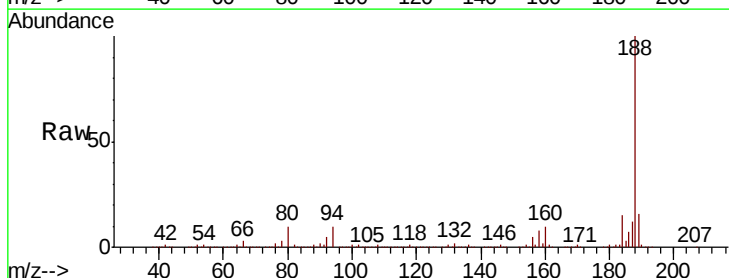


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

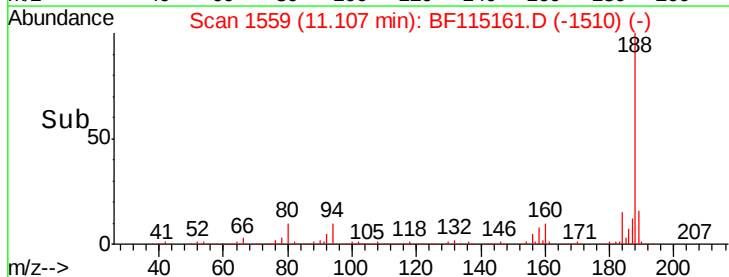
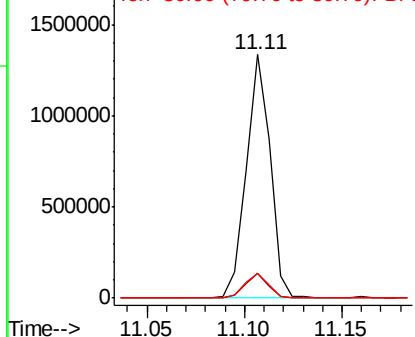


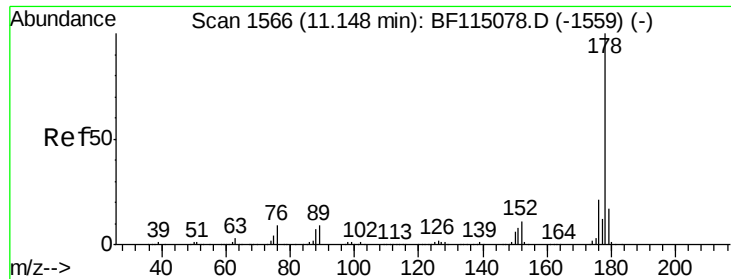
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115161.D
Acq: 24 Jun 2019 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1132729		
94	9.9		8.6	12.8
80	10.4		8.8	13.2



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





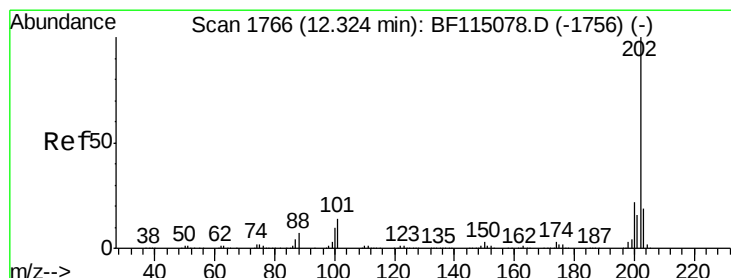
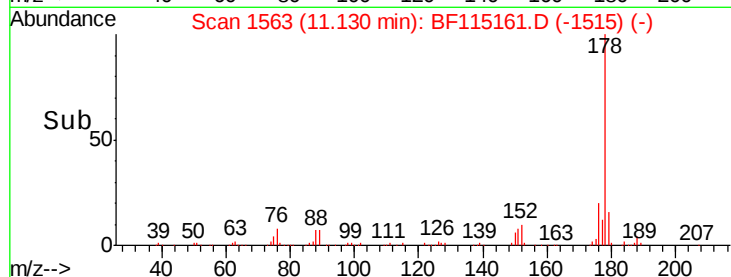
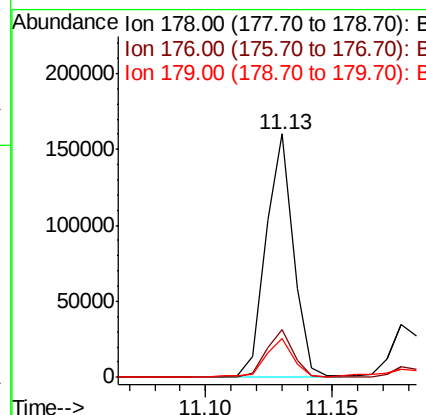
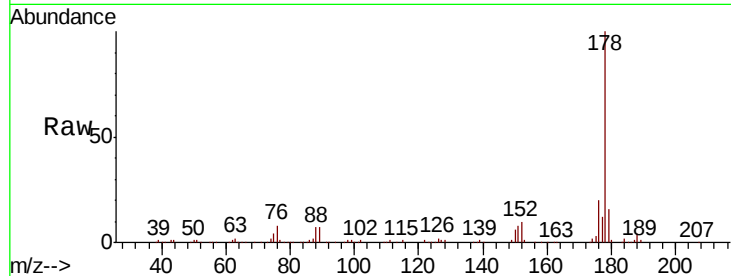
#71
Phenanthrene
Concen: 2.005 ng
RT: 11.13 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF115161.D
Acq: 24 Jun 2019 21:41

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.9	25.3
179	15.8	13.2	19.8

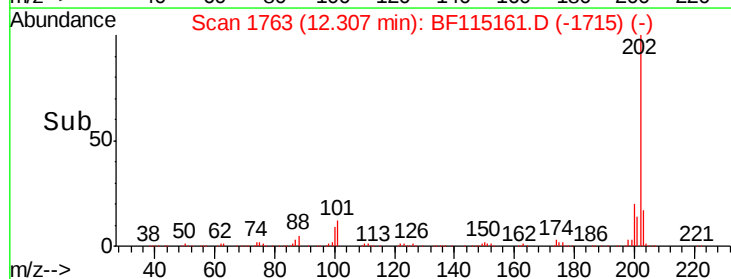
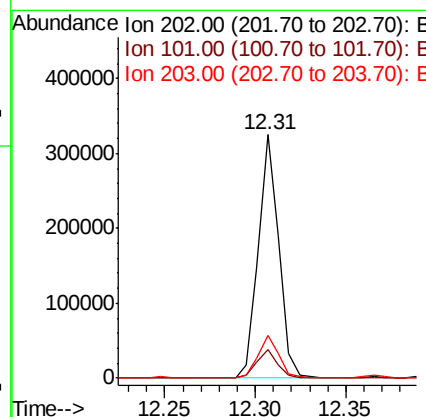
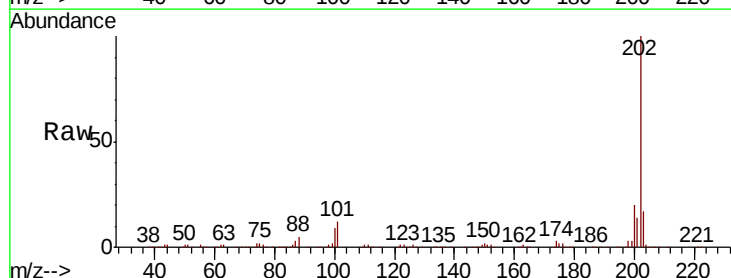
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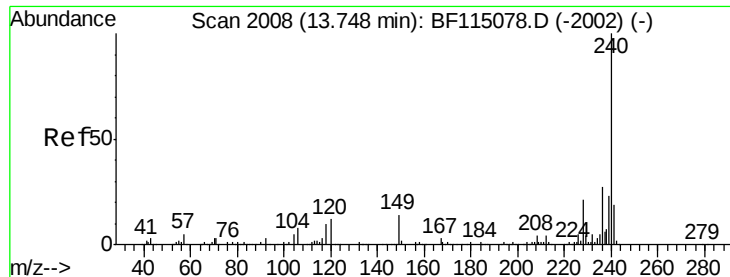
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#75
Fluoranthene
Concen: 4.189 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BF115161.D
Acq: 24 Jun 2019 21:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.0
203	17.5	0.0	38.8





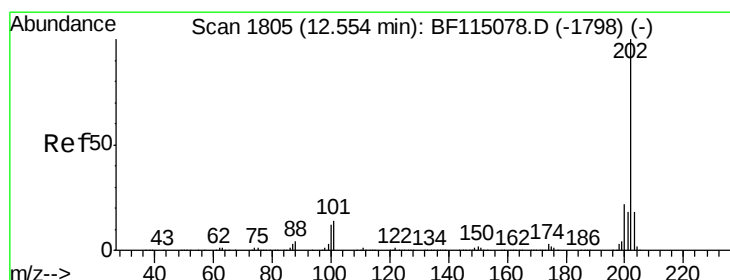
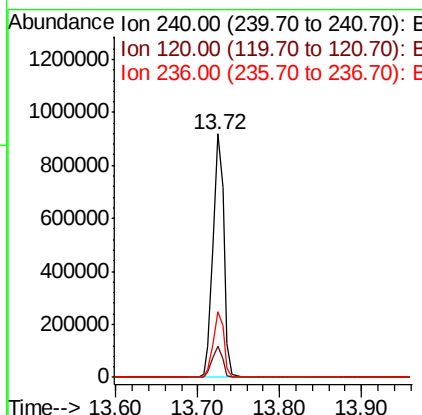
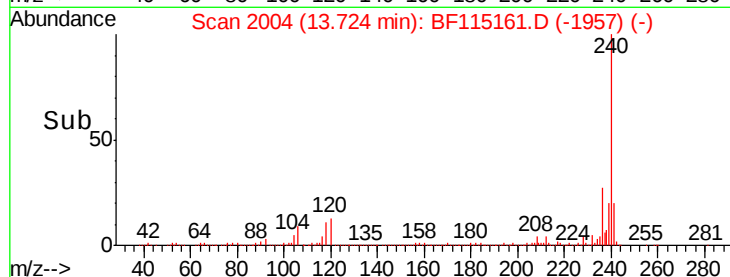
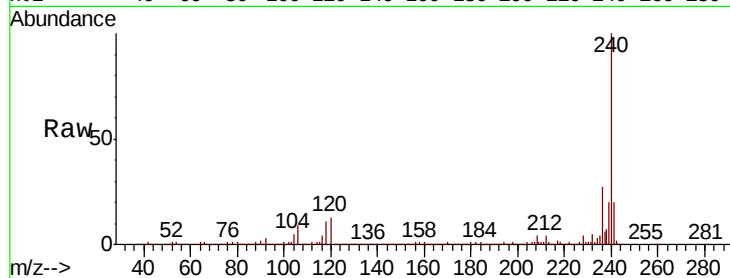
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115161.D
Acq: 24 Jun 2019 21:41

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.4	14.2
236	26.9	21.7	32.5

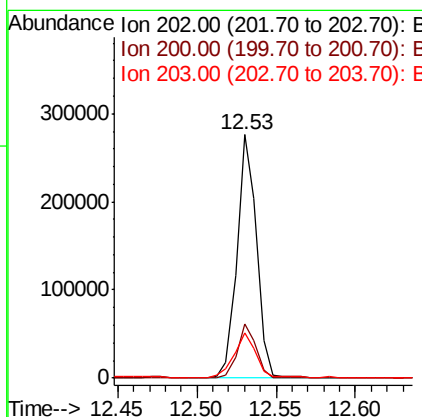
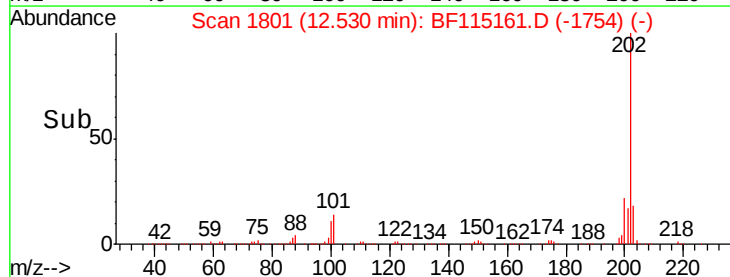
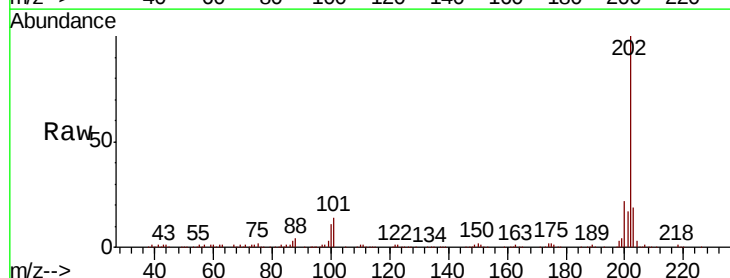
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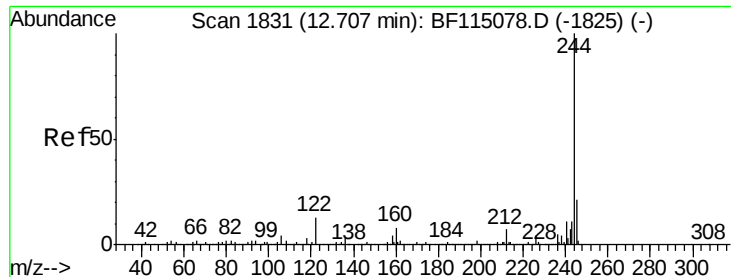
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#78
Pyrene
Concen: 3.591 ng
RT: 12.53 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF115161.D
Acq: 24 Jun 2019 21:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.9	26.9
203	18.6	14.6	21.8





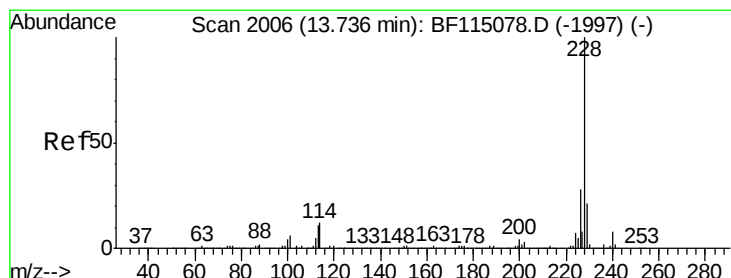
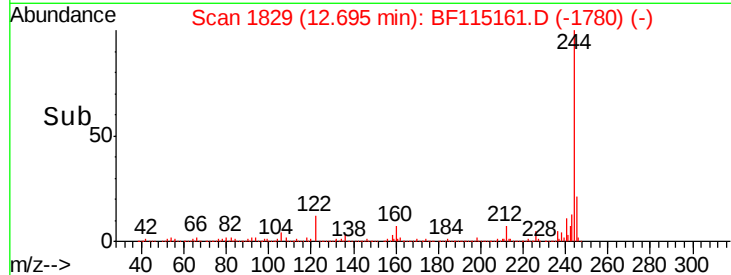
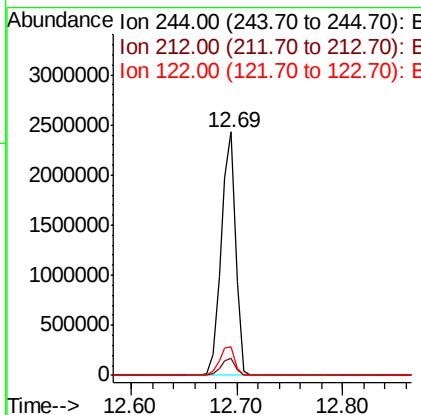
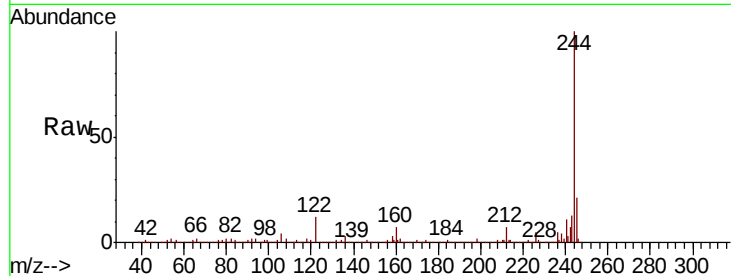
#79
 Terphenyl-d14
 Concen: 58.512 ng
 RT: 12.69 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115161.D
 Acq: 24 Jun 2019 21:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:244 Resp: 2343616
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.8 10.4 15.6

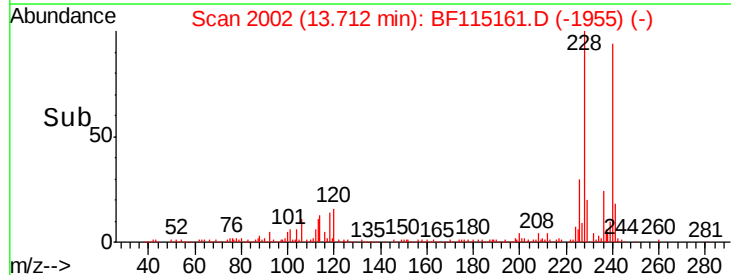
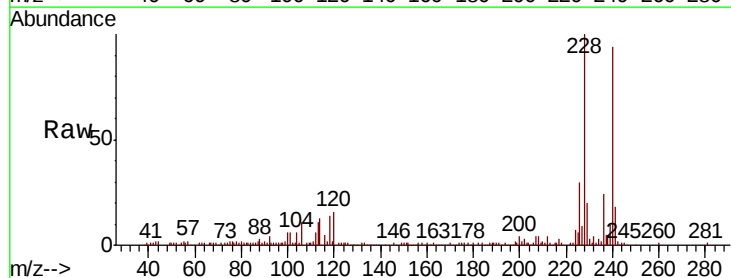
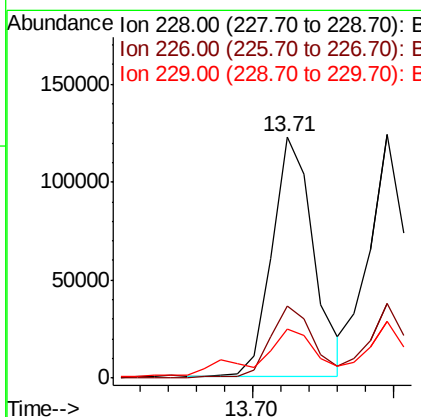
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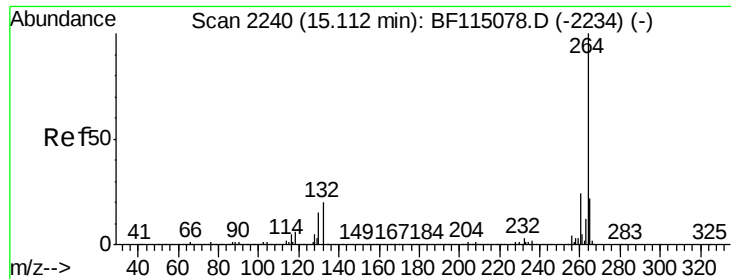
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#81
 Benzo(a)anthracene
 Concen: 2.063 ng
 RT: 13.71 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF115161.D
 Acq: 24 Jun 2019 21:41

Tgt Ion:228 Resp: 126039
 Ion Ratio Lower Upper
 228 100
 226 29.7 22.5 33.7
 229 20.3 16.6 24.8





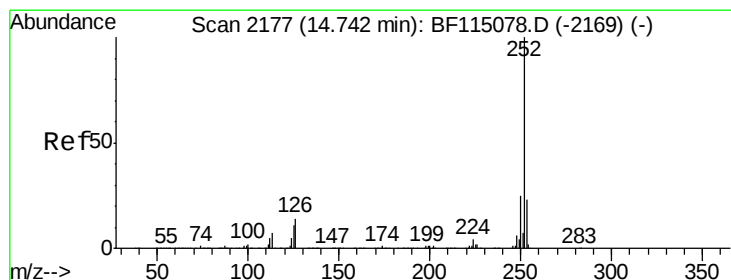
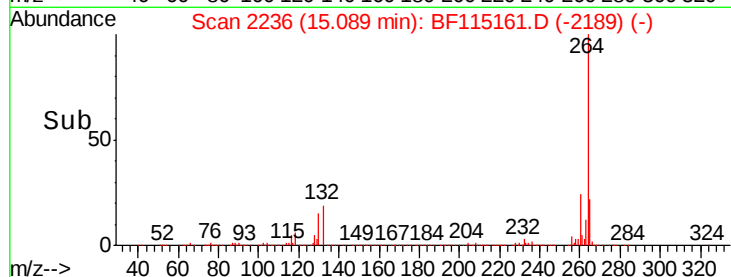
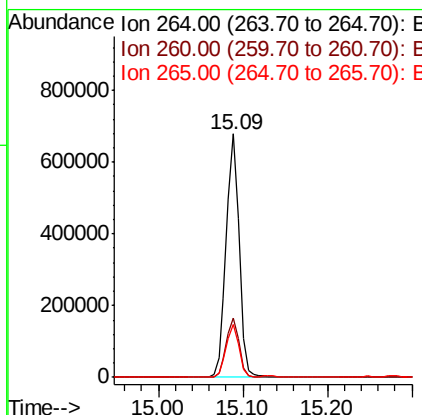
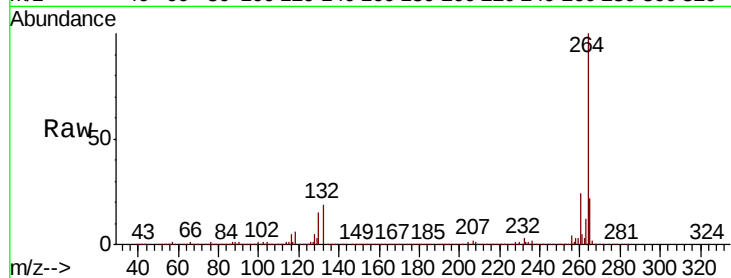
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115161.D
Acq: 24 Jun 2019 21:41

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.7	17.3	25.9

Manual Integrations
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#88
Benzo(b)fluoranthene
Concen: 2.706 ng m
RT: 14.71 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BF115161.D
Acq: 24 Jun 2019 21:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	12.4	8.7	13.1

