

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115173.D
 Acq On : 25 Jun 2019 3:01
 Operator : HP/JU
 Sample : K3482-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Manual Integrations
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Quant Time: Jun 25 08:15:07 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	268928	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1055361	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	526367	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1032577	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	636475	20.00	ng	-0.02
87) Perylene-d12	15.09	264	674610	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	586631	33.66	ng	0.00
7) Phenol-d6	6.24	99	759436	35.90	ng	-0.01
23) Nitrobenzene-d5	7.17	82	436996	25.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	186167	33.54	ng	-0.02
45) 2-Fluorobiphenyl	8.97	172	836639	27.00	ng	-0.02
79) Terphenyl-d14	12.69	244	890723	29.75	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.36	163	107382	2.773	ng	99
71) Phenanthrene	11.13	178	197023	3.544	ng	96
75) Fluoranthene	12.31	202	565757	10.199	ng	97
78) Pyrene	12.54	202	659915	13.491	ng	98
81) Benzo(a)anthracene	13.71	228	327261m	7.166	ng	
83) Chrysene	13.75	228	295388	7.061	ng	96
86) Indeno(1,2,3-cd)pyrene	16.35	276	211216	4.267	ng	95
88) Benzo(b)fluoranthene	14.72	252	430628m	10.230	ng	
89) Benzo(k)fluoranthene	14.74	252	145226m	3.847	ng	
90) Benzo(a)pyrene	15.04	252	325789	8.587	ng	99
92) Benzo(g,h,i)perylene	16.73	276	218085	6.084	ng	99

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

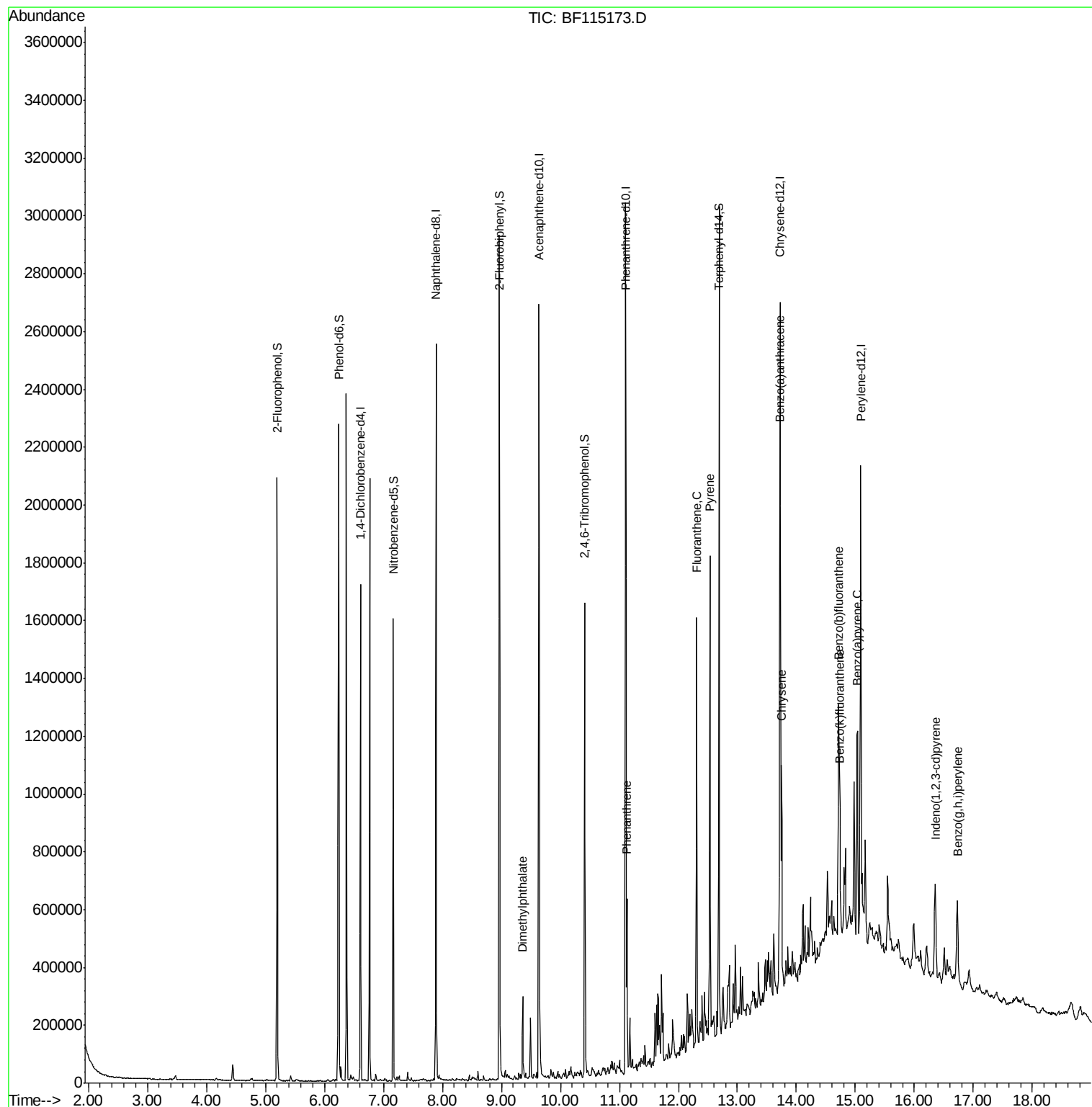
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
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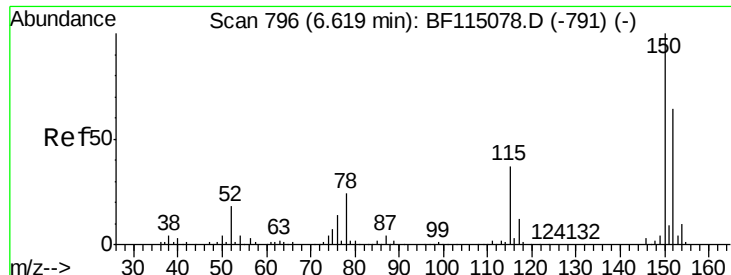
Instrument :
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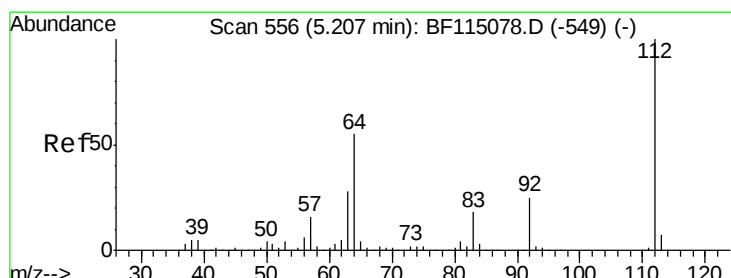
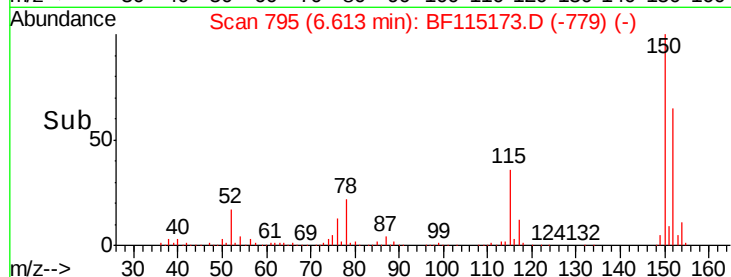
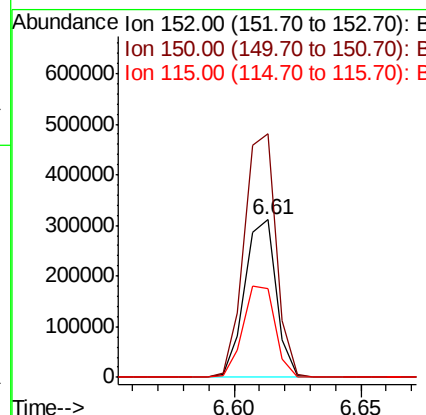
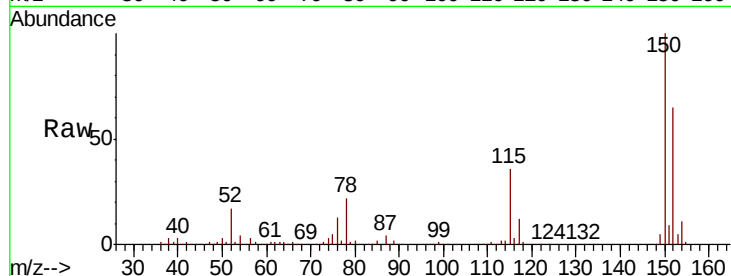
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115173.D
 Acq: 25 Jun 2019 3:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.2	186.2
115	56.1	46.1	69.1

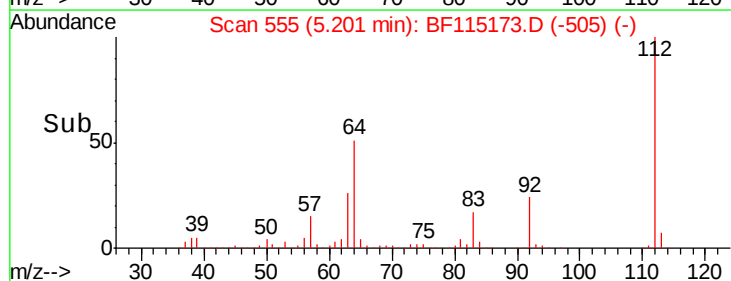
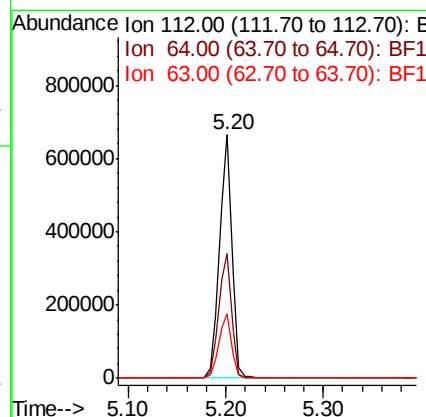
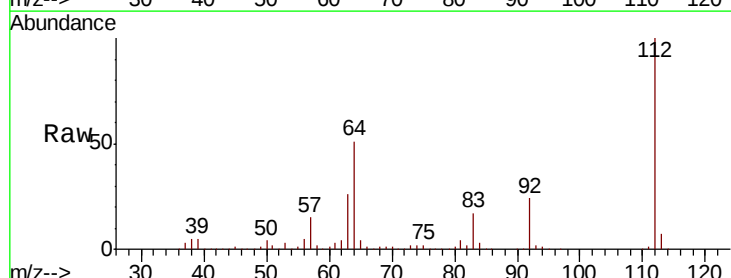
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#5
 2-Fluorophenol
 Concen: 33.662 ng
 RT: 5.20 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF115173.D
 Acq: 25 Jun 2019 3:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	43.8	65.6
63	26.3	22.2	33.4





#7

Phenol-d6

Concen: 35.904 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115173.D

Acq: 25 Jun 2019 3:01

Instrument :

BNA_F

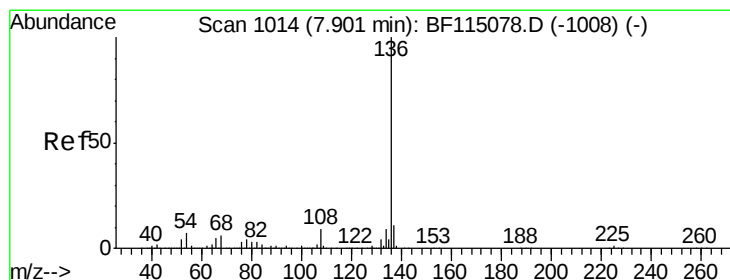
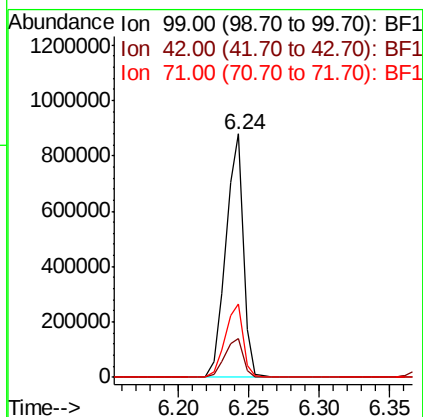
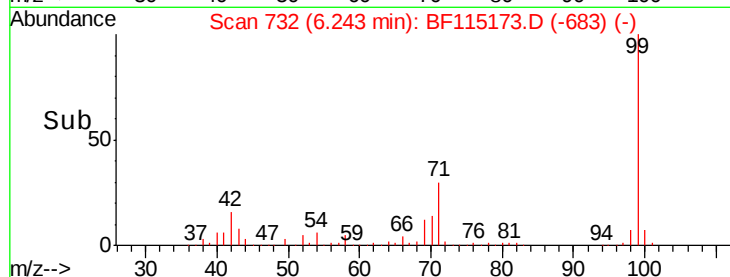
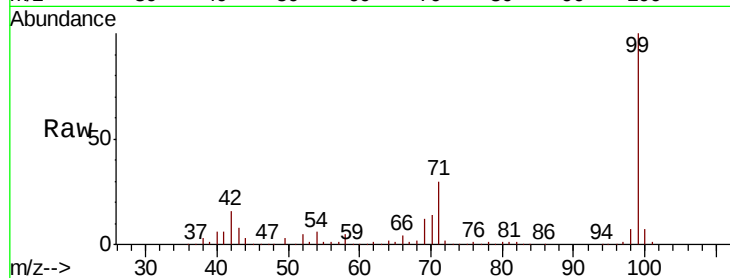
ClientSampled :

TP-1

Tot Ion:	99	Resp:	759436
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.6	20.4
71	30.2	25.5	38.3

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#21

Naphthalene-d8

Concen: 20.000 ng

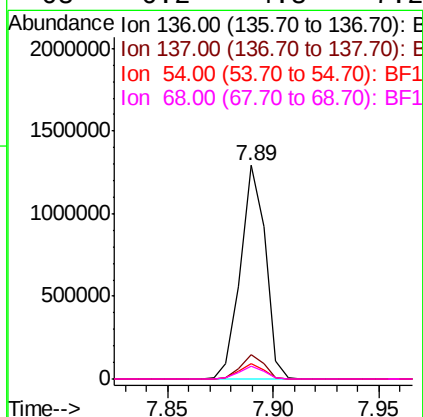
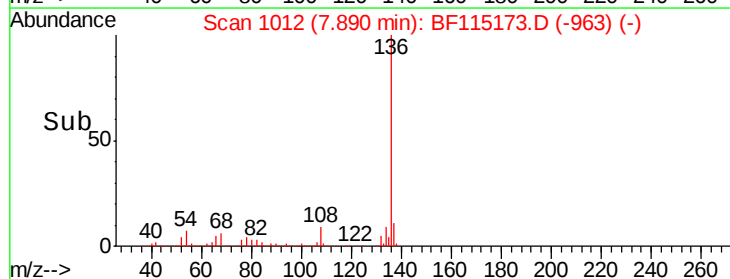
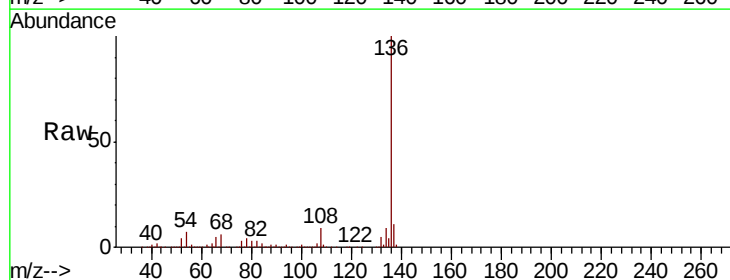
RT: 7.89 min Scan# 1012

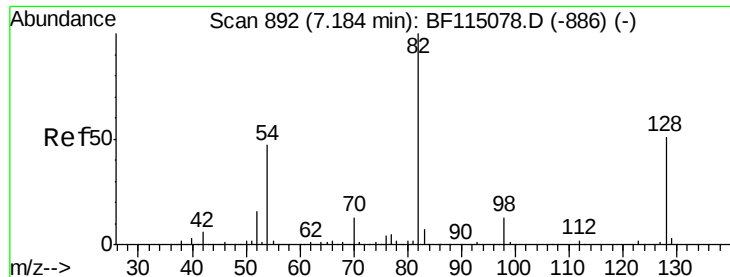
Delta R.T. -0.01 min

Lab File: BF115173.D

Acq: 25 Jun 2019 3:01

Tgt Ion:	136	Resp:	1055361
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	7.5	5.6	8.4
68	6.2	4.8	7.2





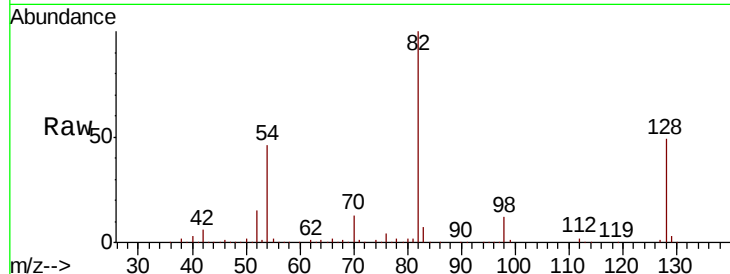
#23
Nitrobenzene-d5
Concen: 25.472 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF115173.D
Acq: 25 Jun 2019 3:01

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100	436996		
128	49.1		40.4	60.6
54	45.7		37.5	56.3

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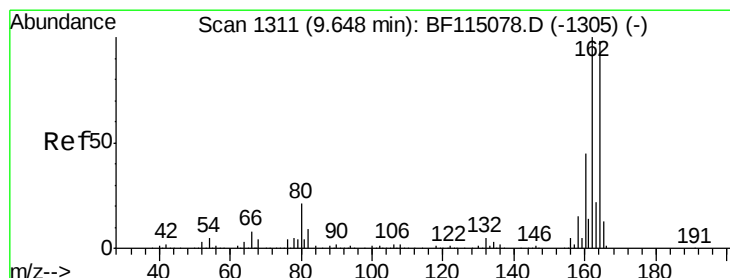
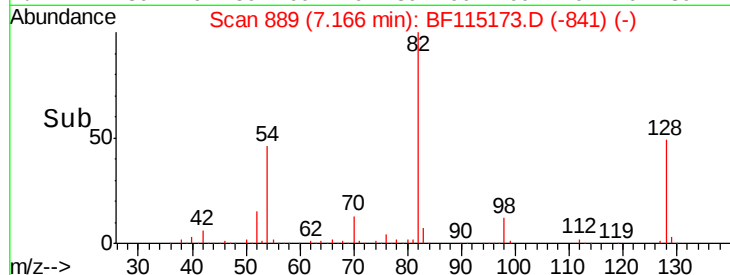
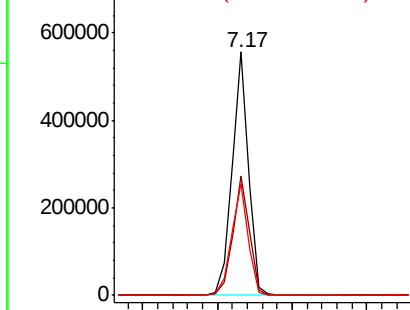


Abundance

Ion 82.00 (81.70 to 82.70): BF1

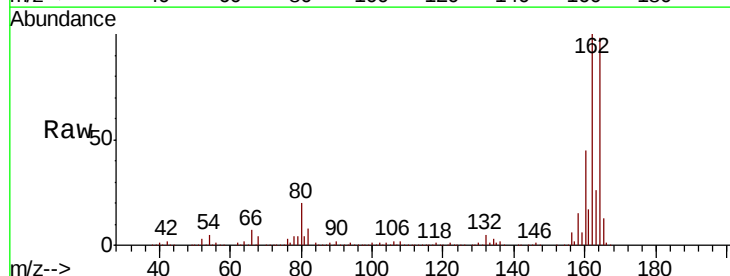
Ion 128.00 (127.70 to 128.70): BF1

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: BF115173.D
Acq: 25 Jun 2019 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	526367		
162	101.7		81.7	122.5
160	45.9		37.0	55.4

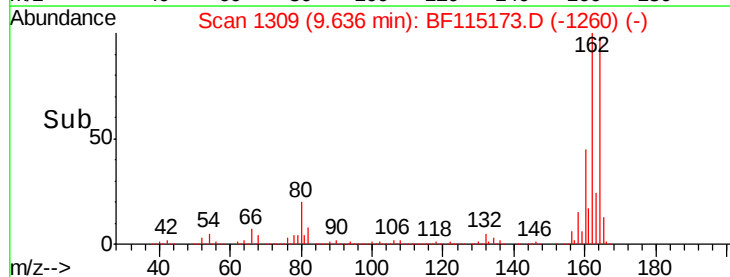
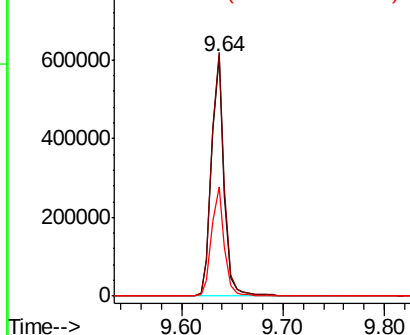


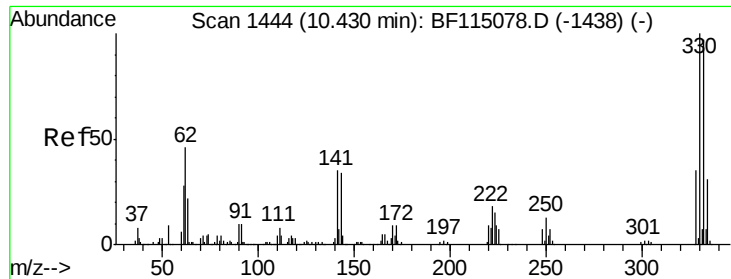
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 33.539 ng

RT: 10.41 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF115173.D

Acq: 25 Jun 2019 3:01

Instrument :

BNA_F

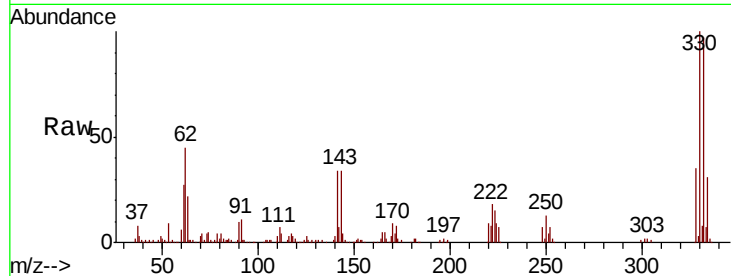
ClientSampled :

TP-1

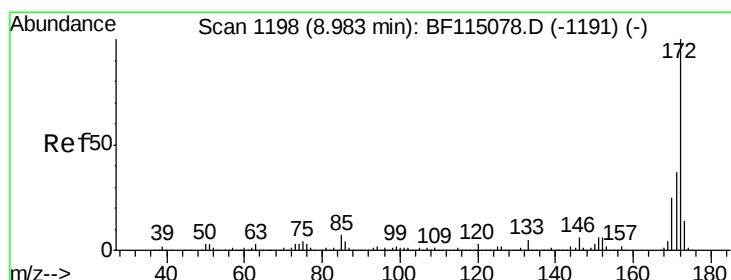
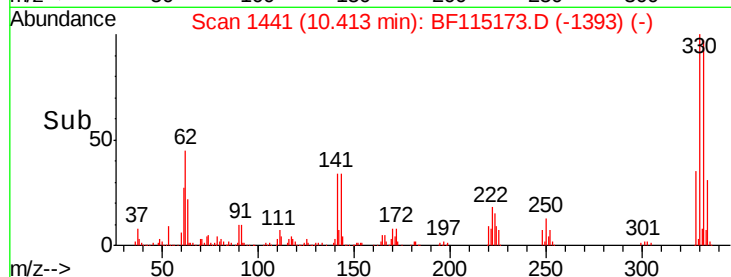
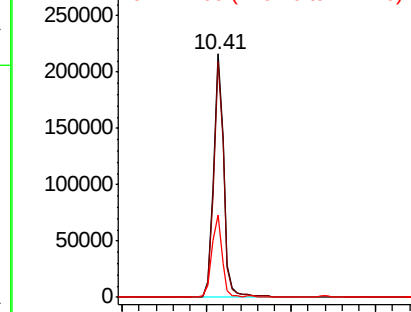
Tot Ion:	330	Resp:	186167
Ion Ratio	Lower	Upper	
330	100		
332	94.8	77.3	115.9
141	34.9	28.2	42.2

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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: 26.999 ng

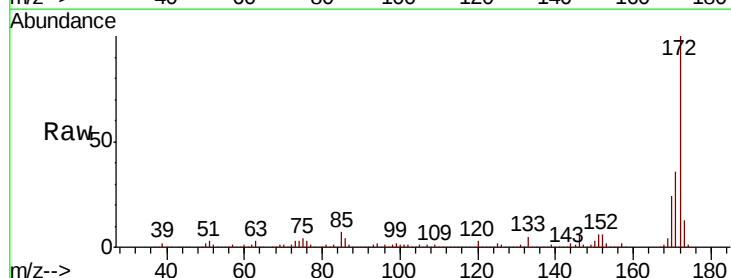
RT: 8.97 min Scan# 1195

Delta R.T. -0.02 min

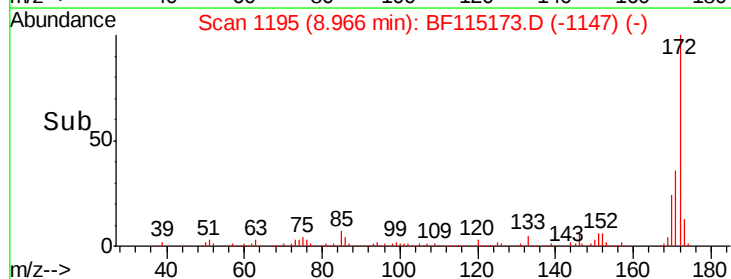
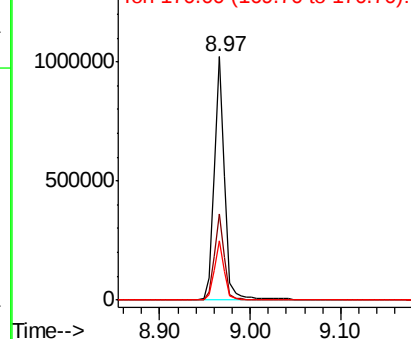
Lab File: BF115173.D

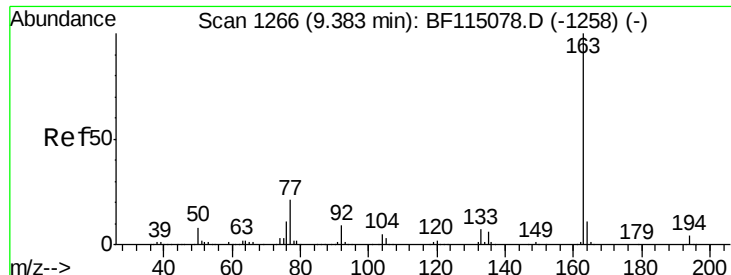
Acq: 25 Jun 2019 3:01

Tgt Ion:	172	Resp:	836639
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.8	44.6
170	24.3	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





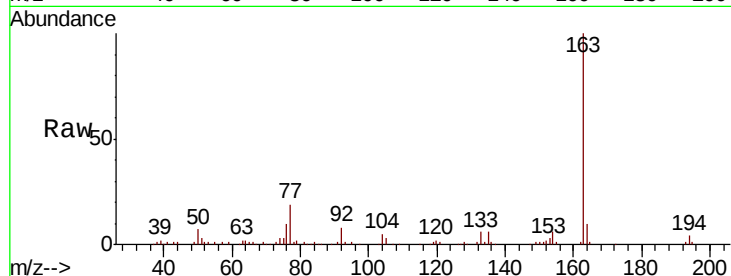
#50
Dimethylphthalate
Concen: 2.773 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115173.D
Acq: 25 Jun 2019 3:01

Instrument :
BNA_F
ClientSampleId :
TP-1

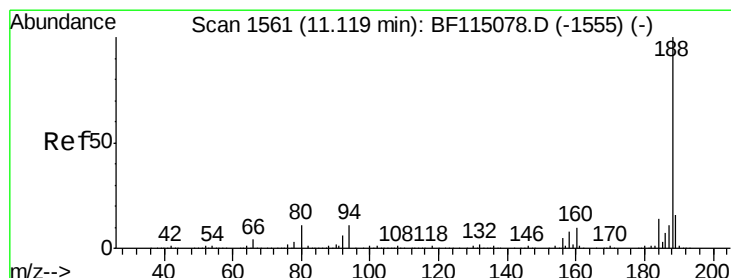
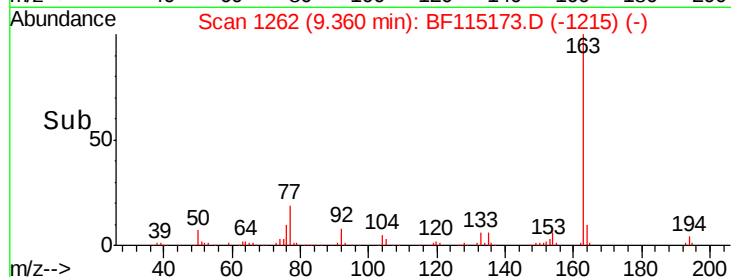
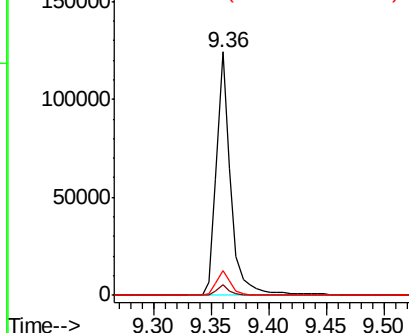
Tot Ion	Ratio	Resp	Lower	Upper
163	100	107382		
194	4.1	3.2	4.8	
164	10.1	8.6	13.0	

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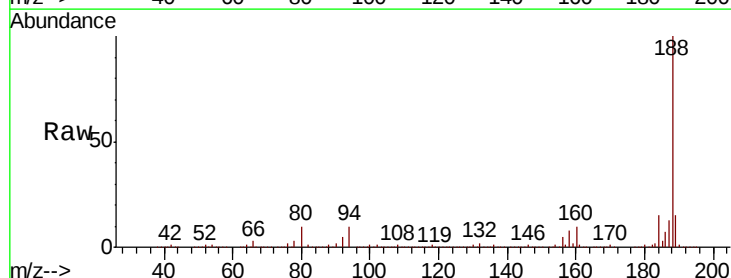


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

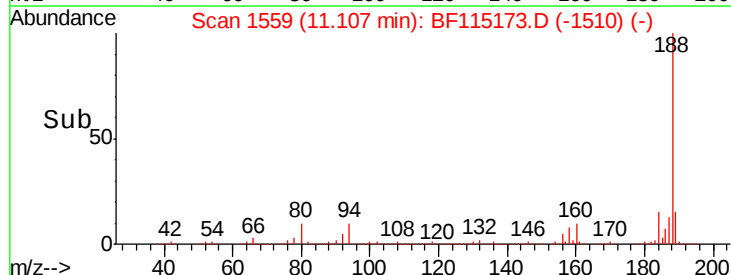
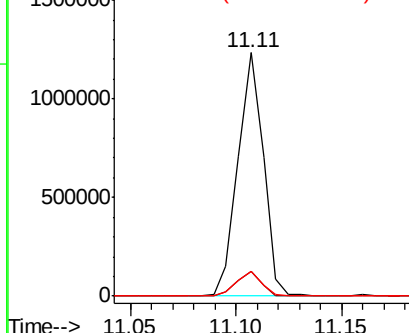


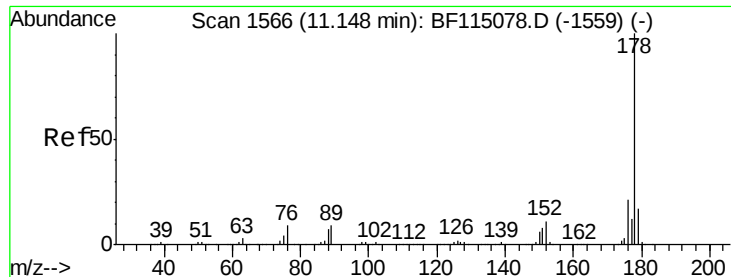
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115173.D
Acq: 25 Jun 2019 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1032577		
94	10.1	8.6	12.8	
80	10.3	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: 3.544 ng

RT: 11.13 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF115173.D

Acq: 25 Jun 2019 3:01

Instrument :

BNA_F

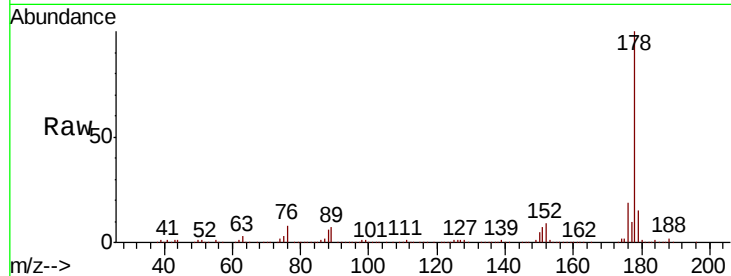
ClientSampleId :

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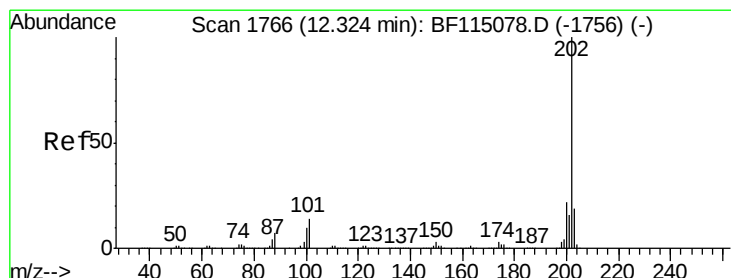
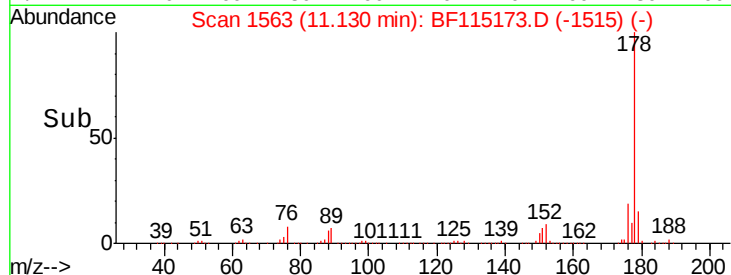
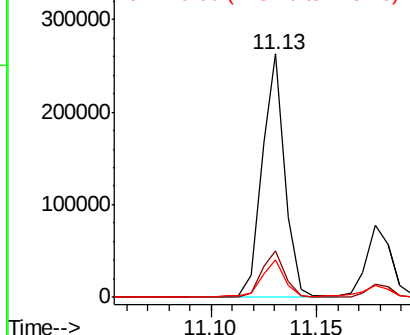
Tot Ion:	178	Resp:	197023
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.9	25.3
179	15.2	13.2	19.8

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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: 10.199 ng

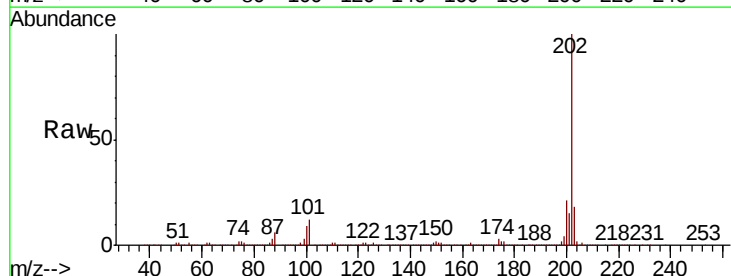
RT: 12.31 min Scan# 1763

Delta R.T. -0.02 min

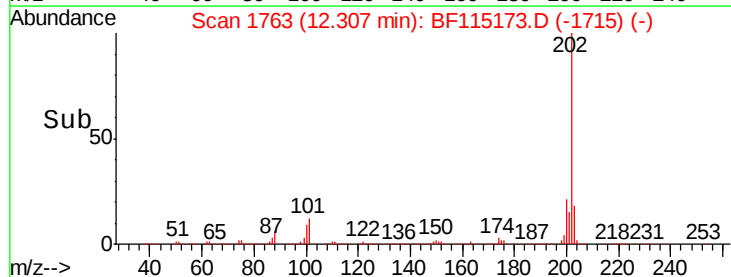
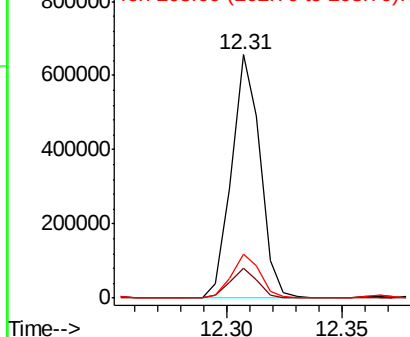
Lab File: BF115173.D

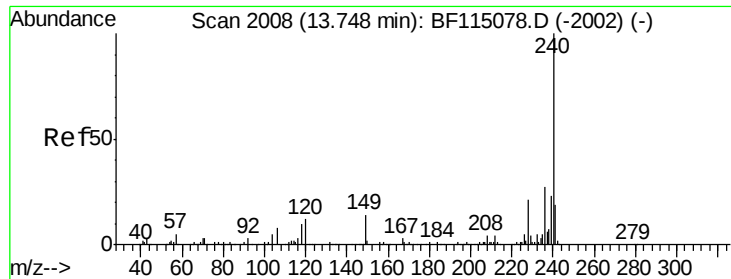
Acq: 25 Jun 2019 3:01

Tgt Ion:	202	Resp:	565757
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	34.0
203	18.0	0.0	38.8



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: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF115173.D

Acq: 25 Jun 2019 3:01

Instrument :

BNA_F

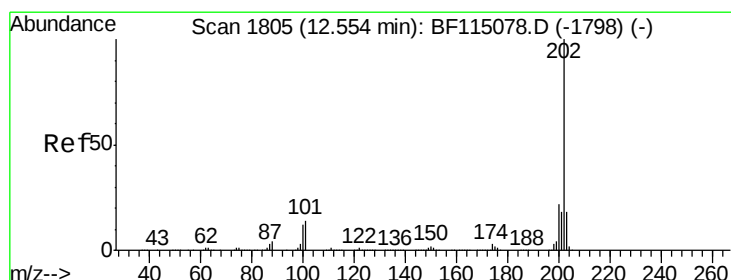
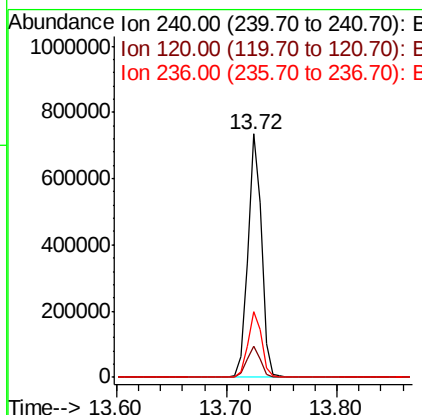
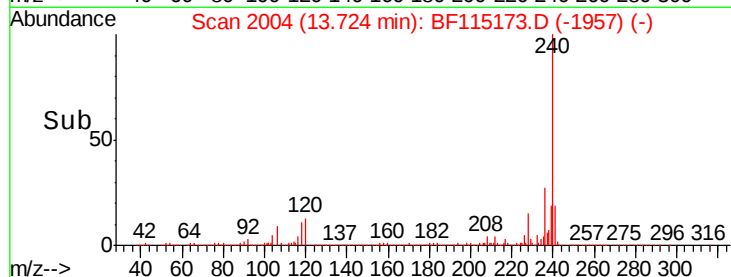
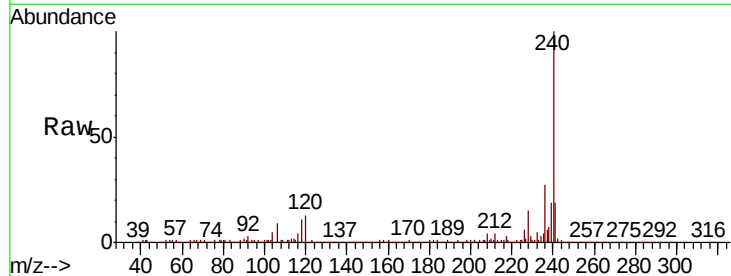
ClientSampled :

TP-1

Tot Ion:	240	Resp:	636475
Ion Ratio	Lower	Upper	
240	100		
120	12.8	9.4	14.2
236	27.0	21.7	32.5

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#78

Pyrene

Concen: 13.491 ng

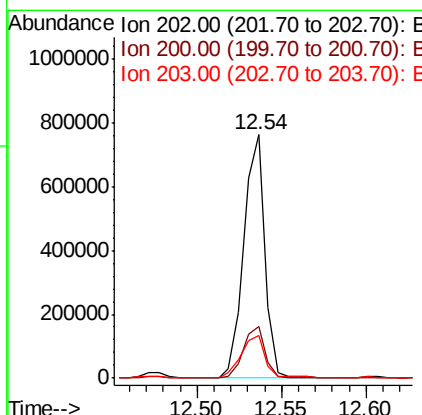
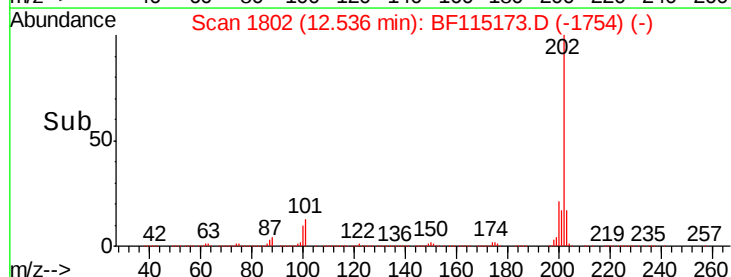
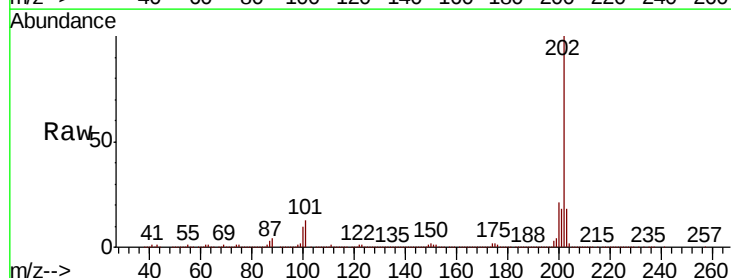
RT: 12.54 min Scan# 1802

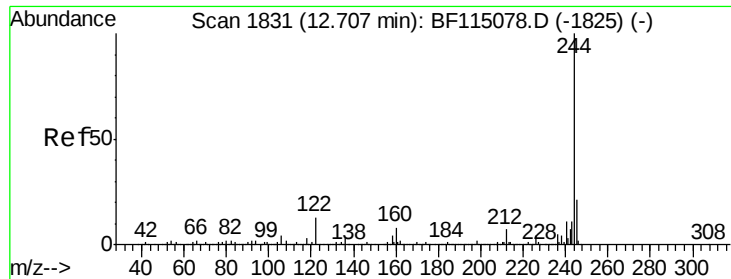
Delta R.T. -0.02 min

Lab File: BF115173.D

Acq: 25 Jun 2019 3:01

Tgt Ion:	202	Resp:	659915
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.9	26.9
203	17.7	14.6	21.8





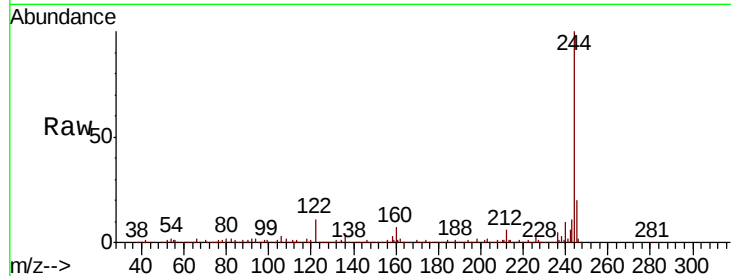
#79
 Terphenyl-d14
 Concen: 29.755 ng
 RT: 12.69 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BF115173.D
 Acq: 25 Jun 2019 3:01

Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.6
122	11.4	10.4	15.6

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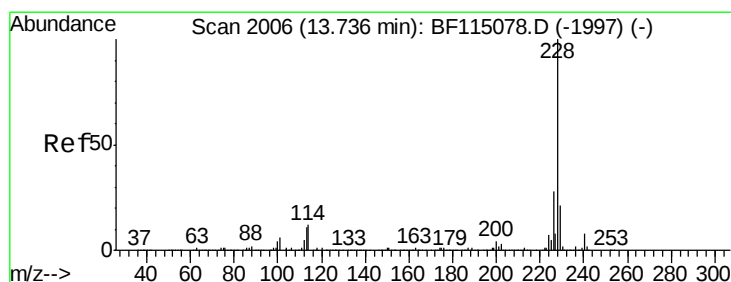
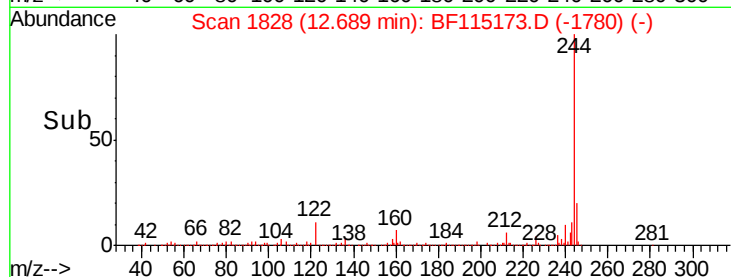
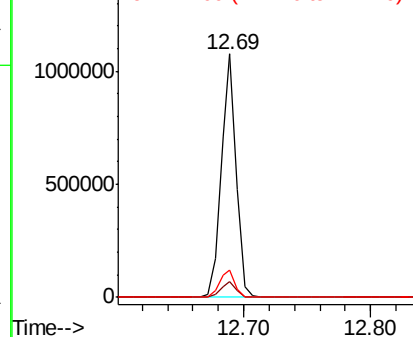


Abundance

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: 7.166 ng m
 RT: 13.71 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF115173.D
 Acq: 25 Jun 2019 3:01

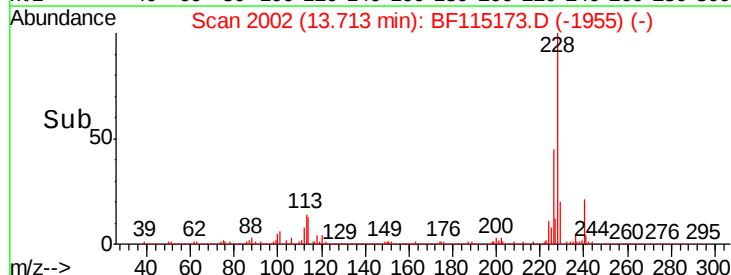
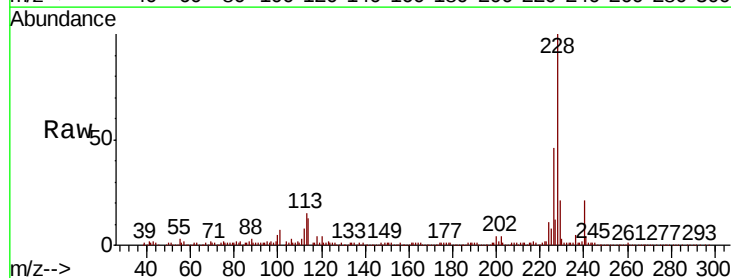
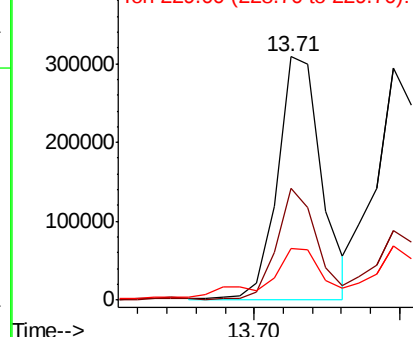
Tgt Ion	Ratio	Lower	Upper
228	100		
226	45.6	22.5	33.7#
229	21.0	16.6	24.8

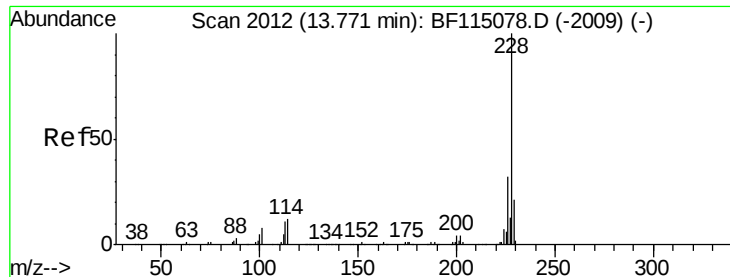
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





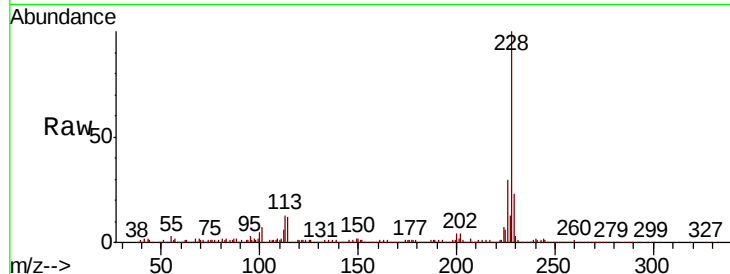
#83
Chrysene
Concen: 7.061 ng
RT: 13.75 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF115173.D
Acq: 25 Jun 2019 3:01

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.0
229	23.3	16.5	24.7

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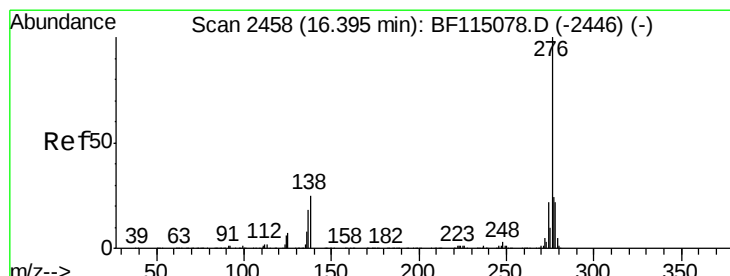
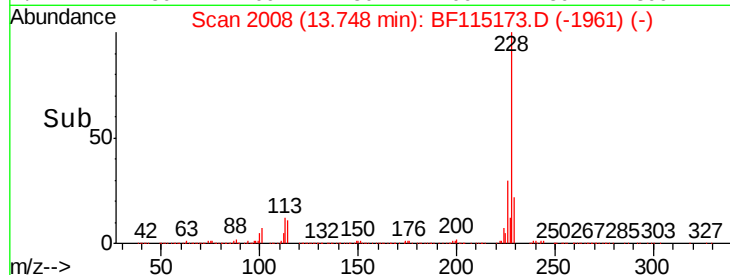
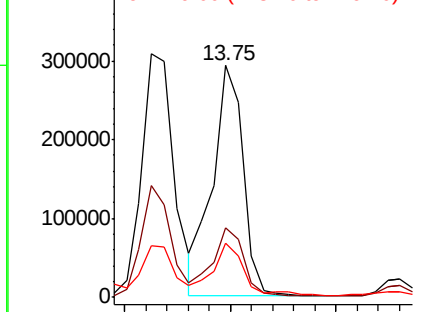


Abundance

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



#86
Indeno(1,2,3-cd)pyrene
Concen: 4.267 ng
RT: 16.35 min Scan# 2451
Delta R.T. -0.04 min
Lab File: BF115173.D
Acq: 25 Jun 2019 3:01

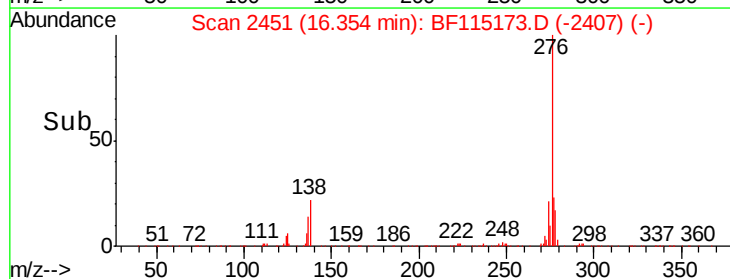
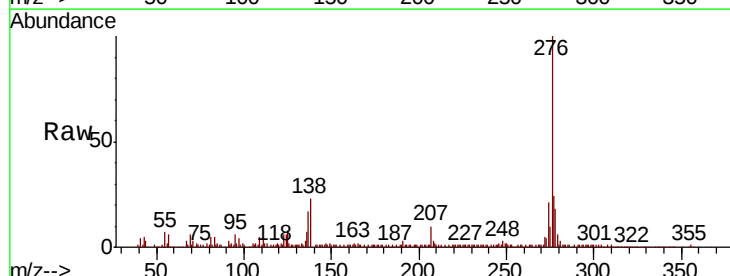
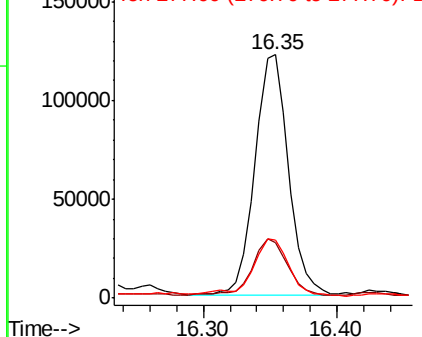
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	23.2	34.8
277	26.4	20.1	30.1

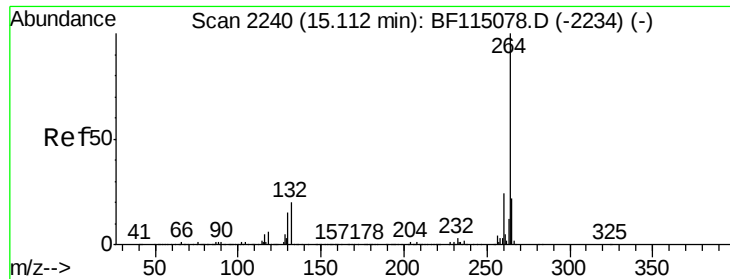
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





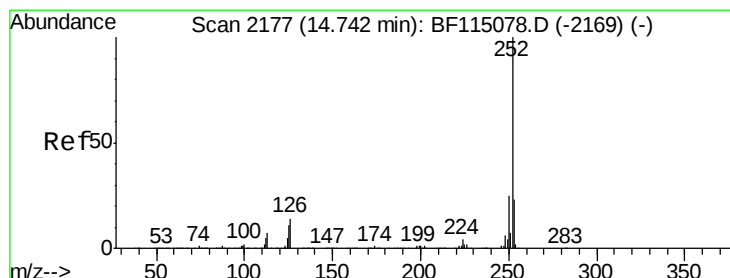
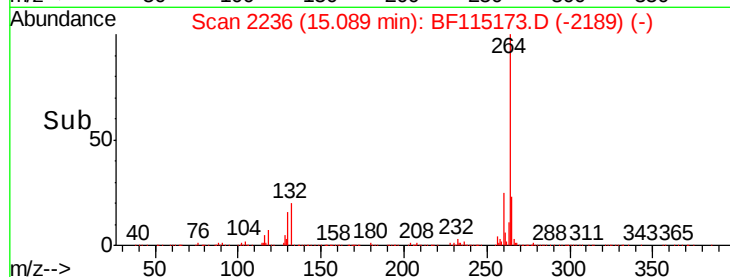
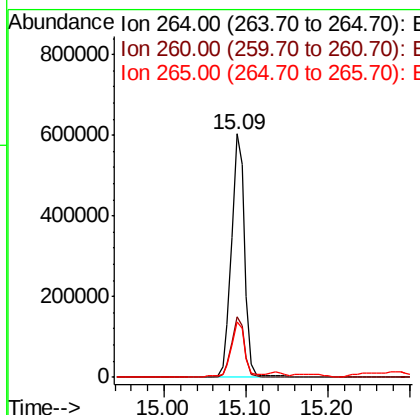
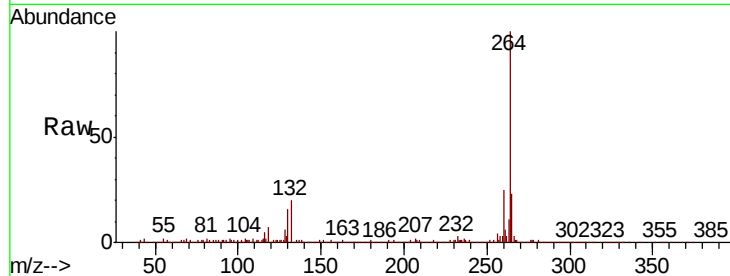
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115173.D
Acq: 25 Jun 2019 3:01

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	22.7	17.3	25.9

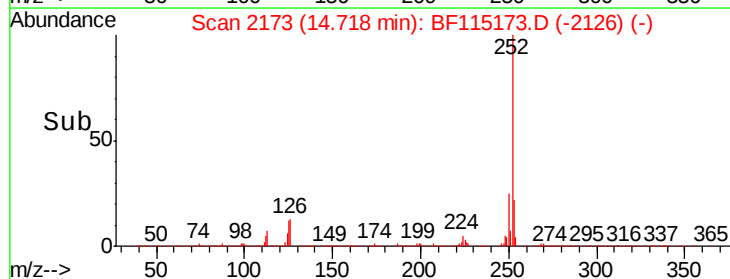
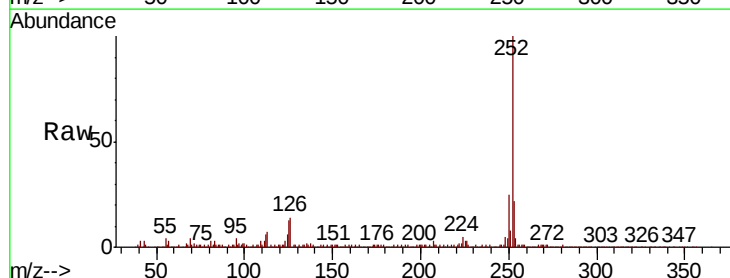
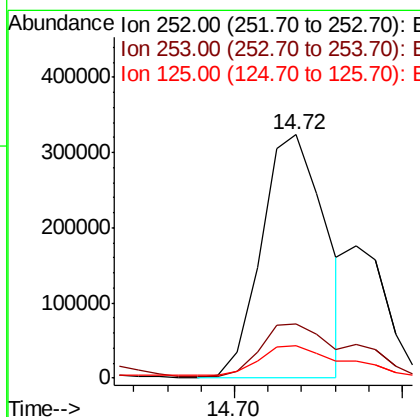
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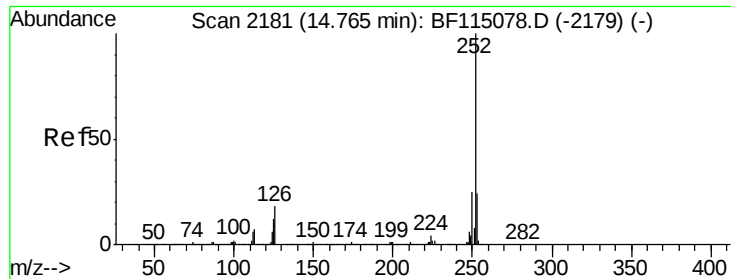
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#88
Benzo(b)fluoranthene
Concen: 10.230 ng m
RT: 14.72 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BF115173.D
Acq: 25 Jun 2019 3:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	13.3	8.7	13.1#





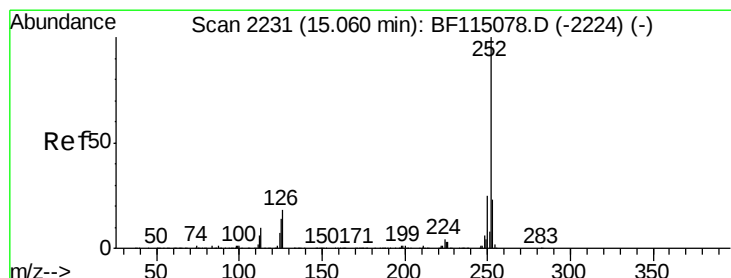
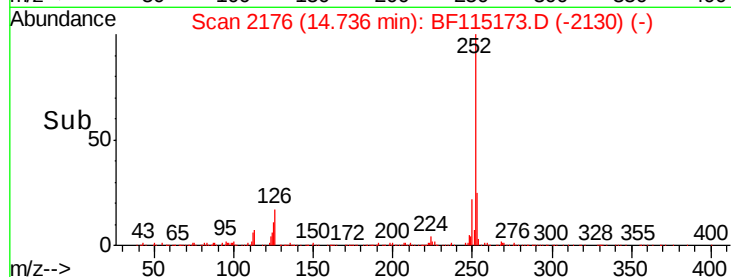
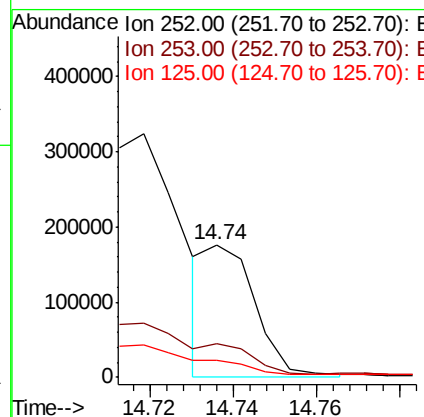
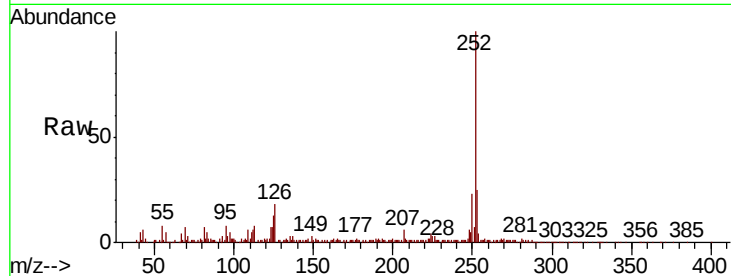
#89
Benzo(k)fluoranthene
Concen: 3.847 ng m
RT: 14.74 min Scan# 2176
Delta R.T. -0.03 min
Lab File: BF115173.D
Acq: 25 Jun 2019 3:01

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.9	28.3
125	12.9	10.2	15.2

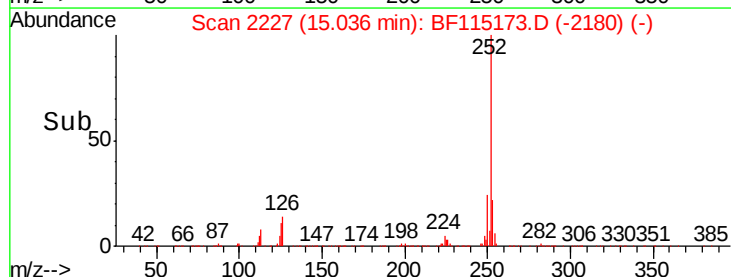
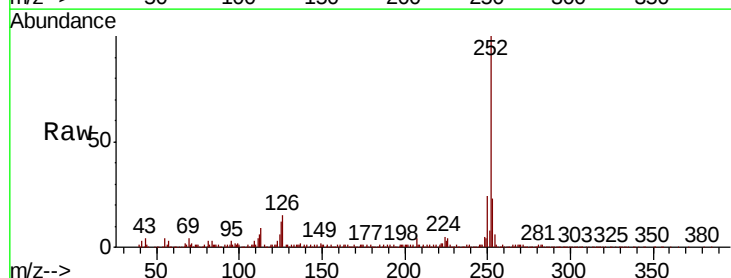
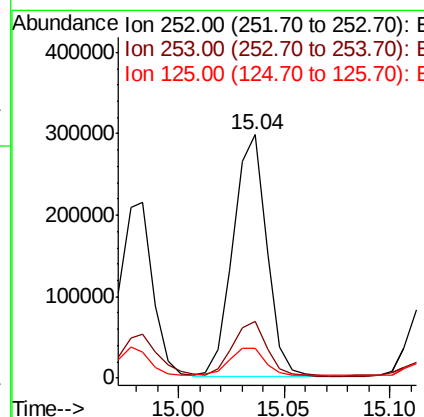
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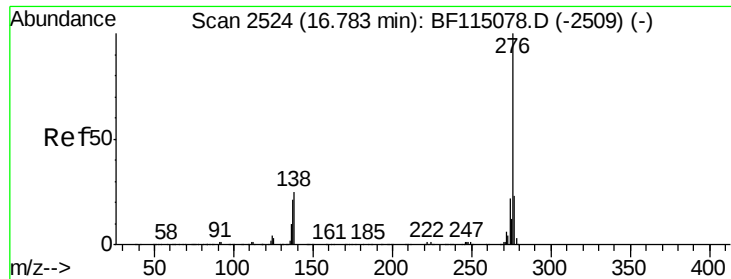
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#90
Benzo(a)pyrene
Concen: 8.587 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF115173.D
Acq: 25 Jun 2019 3:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	12.2	10.9	16.3





#92
 Benzo(a,h,i)perylene
 Concen: 6.084 ng
 RT: 16.73 min Scan# 2515
 Delta R.T. -0.05 min
 Lab File: BF115173.D
 Acq: 25 Jun 2019 3:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:	276	Resp:	218085
Ion Ratio	Lower	Upper	
276	100		
277	22.7	18.6	28.0
138	23.9	19.8	29.6

Manual Integrations
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