

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118015.D
 Acq On : 26 Nov 2019 18:56
 Operator : JU
 Sample : K5948-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1-0-6

Manual Integrations
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 11/27/2019 11:33:42 PM

Quant Time: Nov 27 01:04:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	110623	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	416380	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	217009	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	287885	20.00	ng	0.00
76) Chrysene-d12	14.09	240	250777	20.00	ng	0.00
87) Perylene-d12	15.60	264	206624	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	785617	125.71	ng	0.02
7) Phenol-d6	6.53	99	855227	113.46	ng	0.00
23) Nitrobenzene-d5	7.46	82	505991	72.24	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	218215	94.98	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1038275	85.84	ng	0.00
79) Terphenyl-d14	13.03	244	842060	61.37	ng	0.00
Target Compounds						
10) Phenol	6.53	94	17771	2.269	ng	Qvalue # 74
50) Dimethylphthalate	9.65	163	187332	12.310	ng	98
71) Phenanthrene	11.46	178	50312	3.476	ng	97
78) Pyrene	12.89	202	85522	4.220	ng	98
81) Benzo(a)anthracene	14.08	228	47883	2.889	ng	92
83) Chrysene	14.12	228	45572	2.838	ng	99
84) Bis(2-ethylhexyl)phthalate	14.06	149	21942	2.079	ng	97
88) Benzo(b)fluoranthene	15.15	252	48600m	3.620	ng	
90) Benzo(a)pyrene	15.53	252	34274	2.903	ng	# 88

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

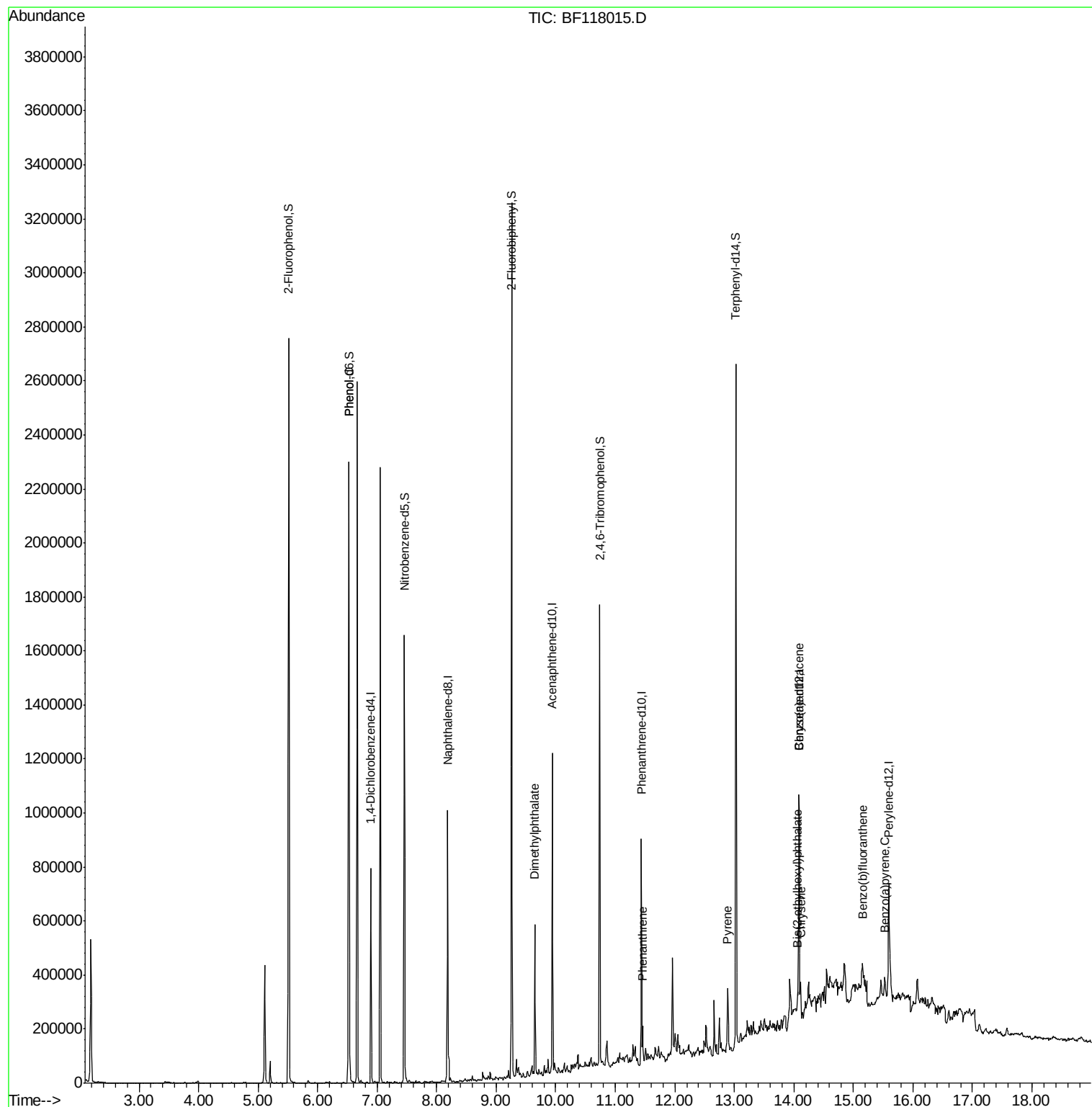
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
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ALS Vial : 18 Sample Multiplier: 1

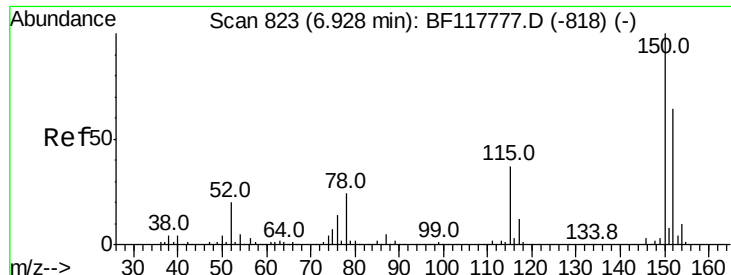
Instrument :
BNA_F
ClientSampleId :
B-1-0-6

Quant Time: Nov 27 01:04:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
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#1

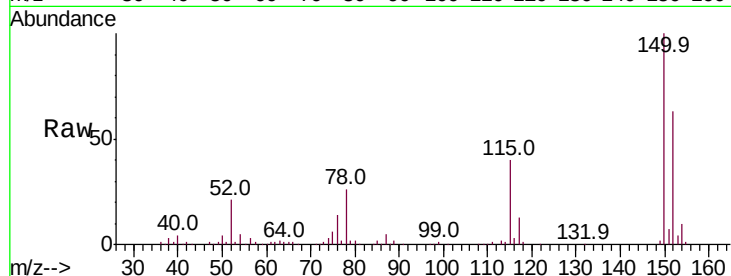
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118015.D
Acq: 26 Nov 2019 18:56

Instrument :
BNA_F
ClientSampleId :
B-1-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.3	187.9
115	63.5	47.0	70.4

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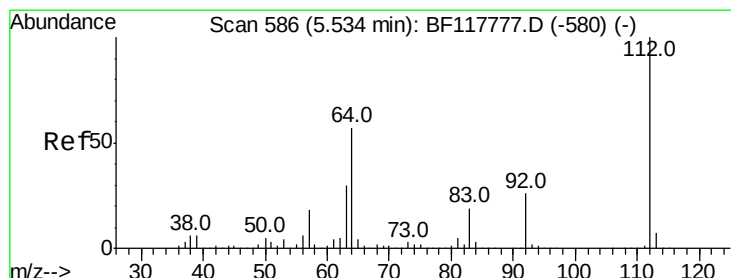
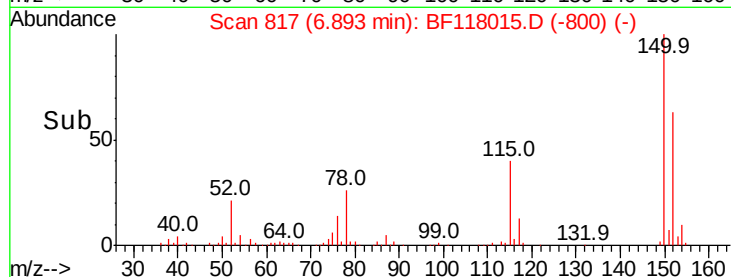
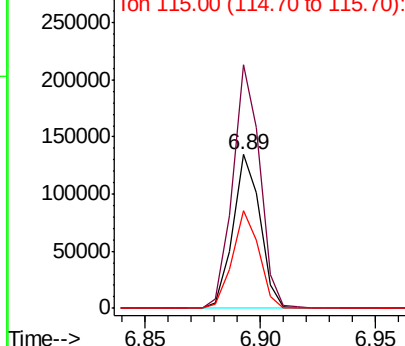


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

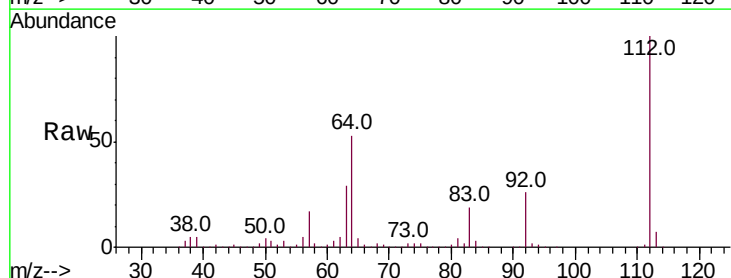
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.709 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF118015.D
Acq: 26 Nov 2019 18:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	45.6	68.4
63	29.0	24.1	36.1

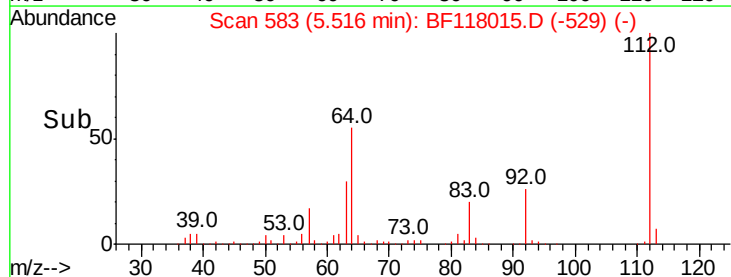
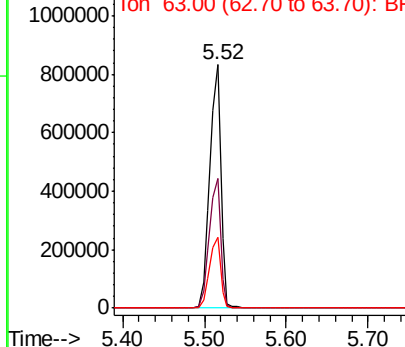


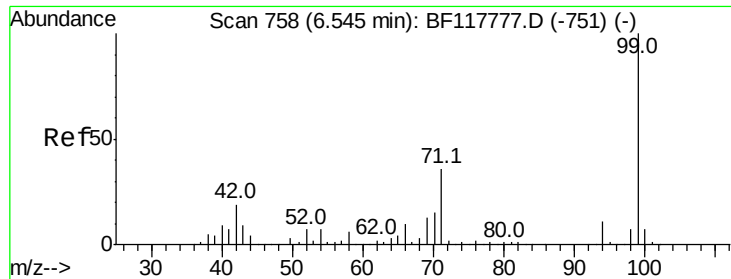
Abundance

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: 113.457 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF118015.D

Acq: 26 Nov 2019 18:56

Instrument :

BNA_F

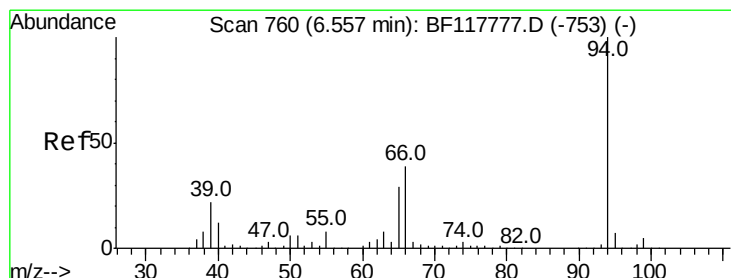
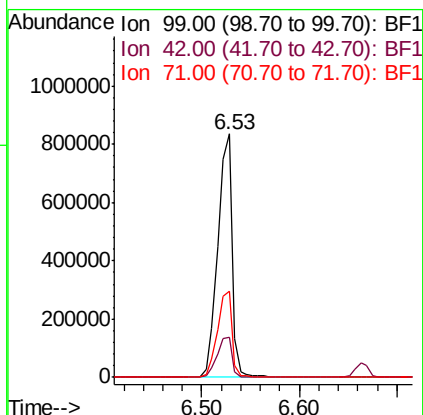
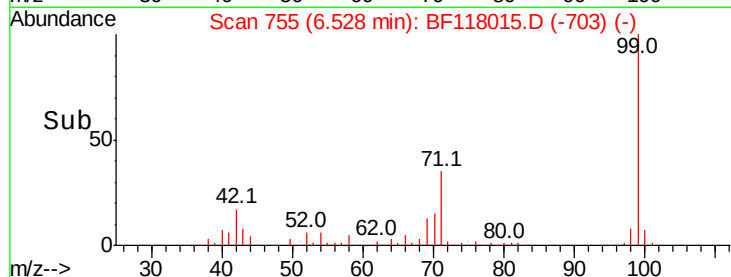
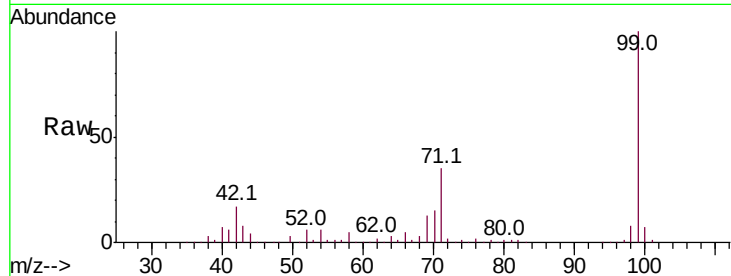
ClientSampleId :

B-1-0-6

Tot Ion:	99	Resp:	855227
Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.9	22.3
71	35.4	28.6	43.0

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#10

Phenol

Concen: 2.269 ng

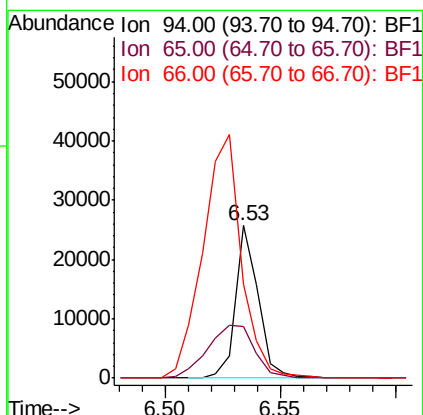
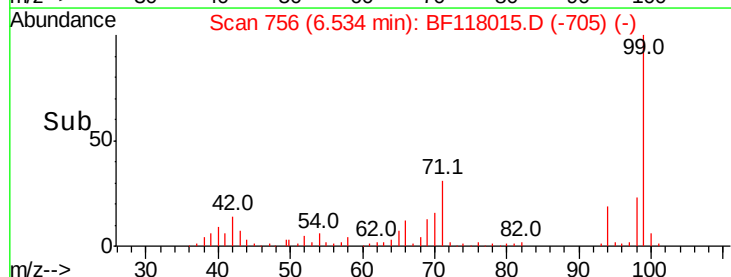
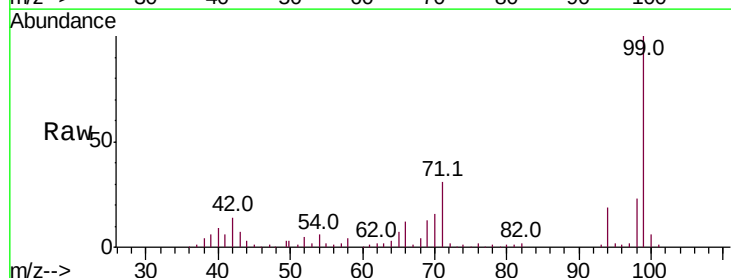
RT: 6.53 min Scan# 756

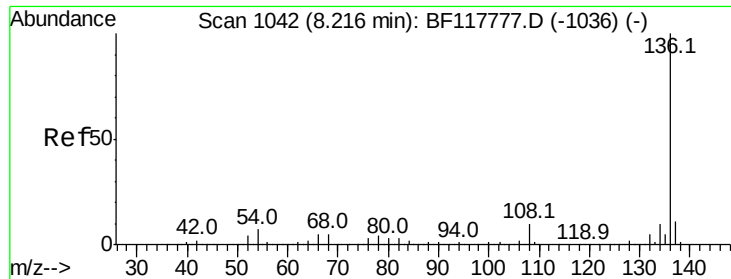
Delta R.T. 0.00 min

Lab File: BF118015.D

Acq: 26 Nov 2019 18:56

Tgt Ion:	94	Resp:	17771
Ion	Ratio	Lower	Upper
94	100		
65	34.3	8.9	48.9
66	62.1	18.7	58.7#





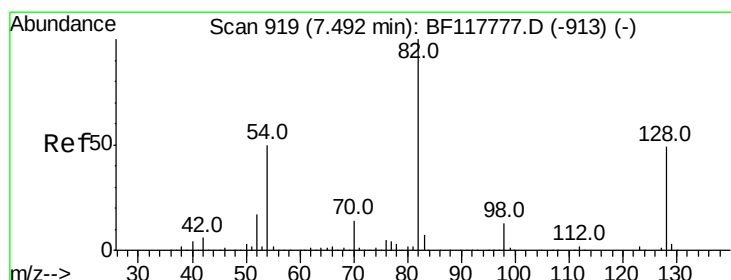
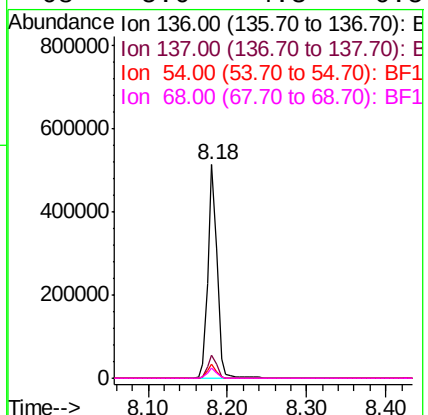
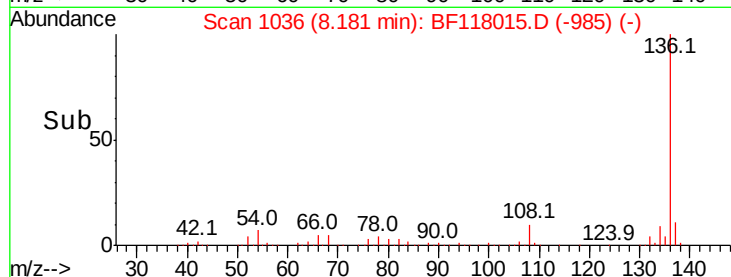
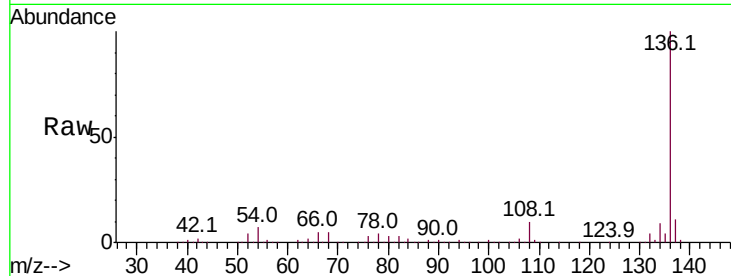
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118015.D
Acq: 26 Nov 2019 18:56

Instrument :
BNA_F
ClientSampleId :
B-1-0-6

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.0	13.4	
54	6.5	5.4	8.2	
68	5.0	4.3	6.5	

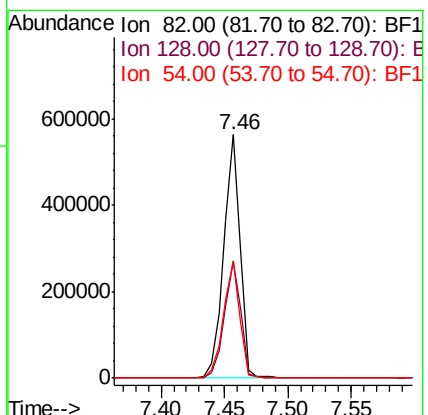
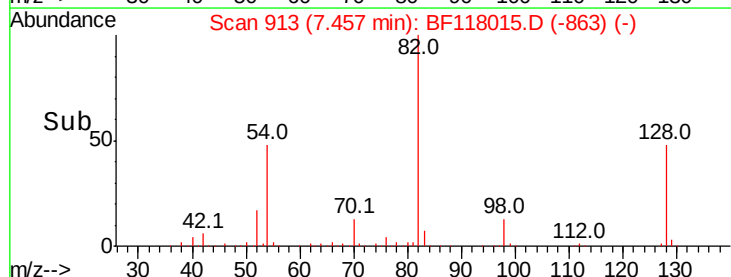
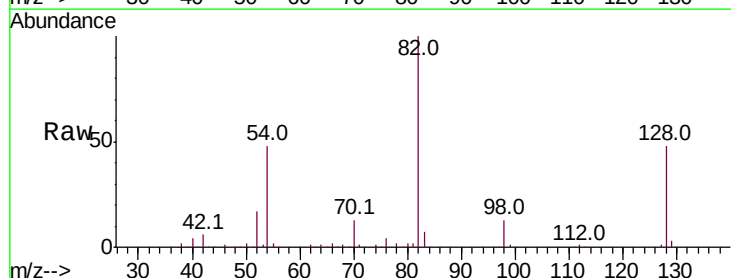
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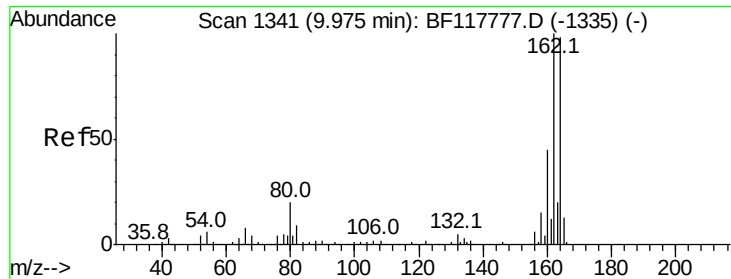
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#23
Nitrobenzene-d5
Concen: 72.240 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF118015.D
Acq: 26 Nov 2019 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.9	38.9	58.3	
54	48.2	39.8	59.6	





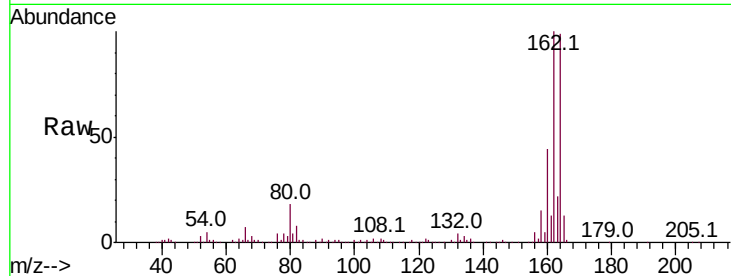
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF118015.D
Acq: 26 Nov 2019 18:56

Instrument :
BNA_F
ClientSampleId :
B-1-0-6

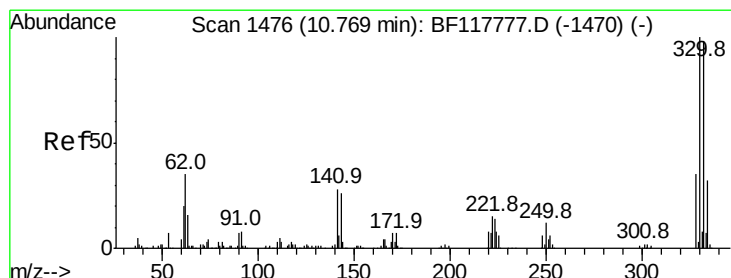
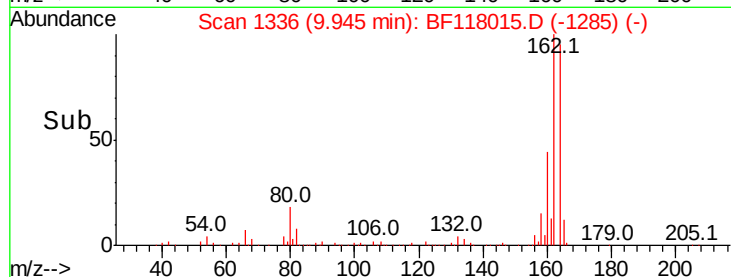
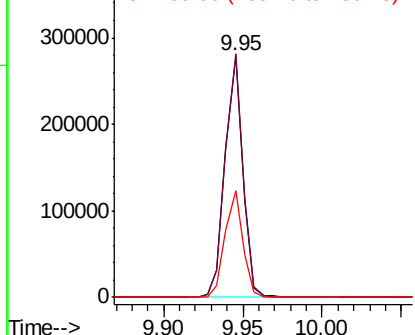
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	81.3	121.9	
160	44.4	36.6	55.0	

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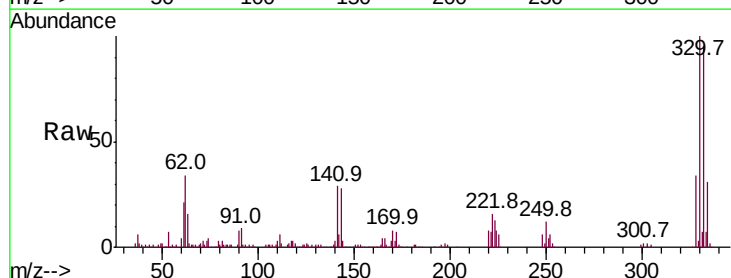


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

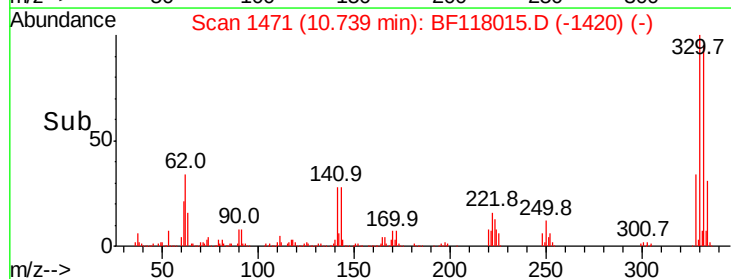
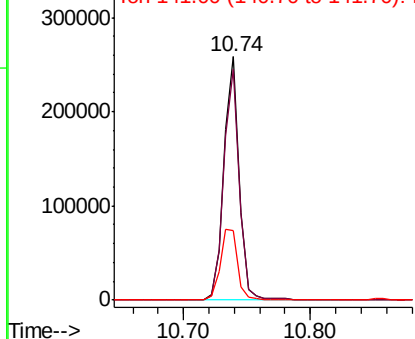


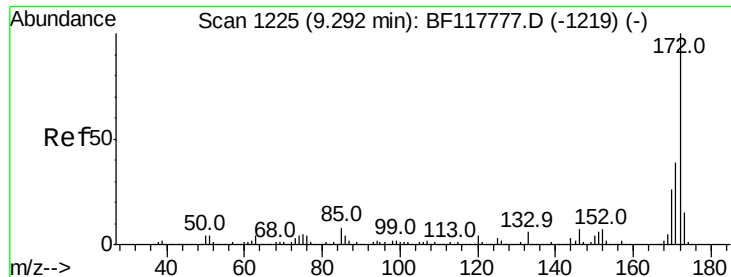
#42
2,4,6-Tribromophenol
Concen: 94.981 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF118015.D
Acq: 26 Nov 2019 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	76.7	115.1	
141	32.9	27.7	41.5	



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





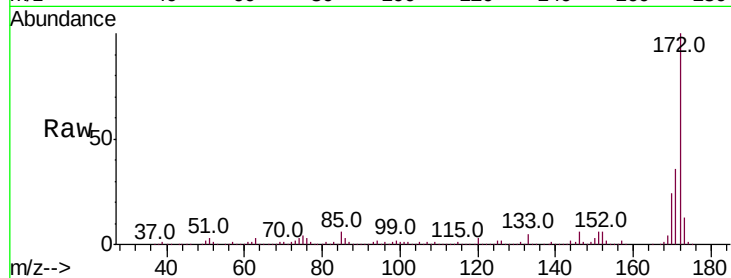
#45
2-Fluorobiphenyl
Concen: 85.835 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF118015.D
Acq: 26 Nov 2019 18:56

Instrument :
BNA_F
ClientSampled :
B-1-0-6

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.9	46.3
170	24.1	21.0	31.4

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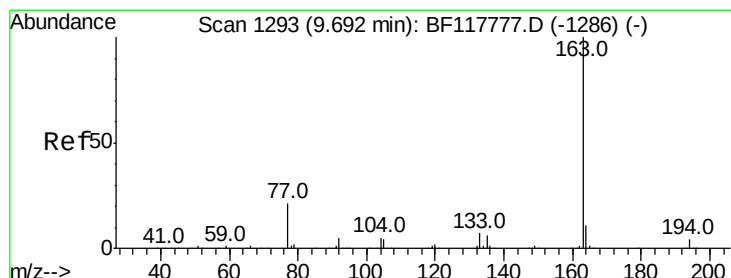
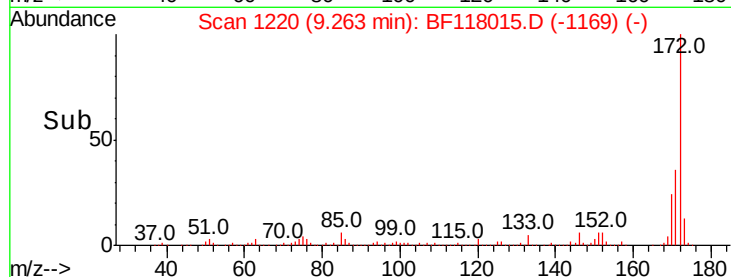
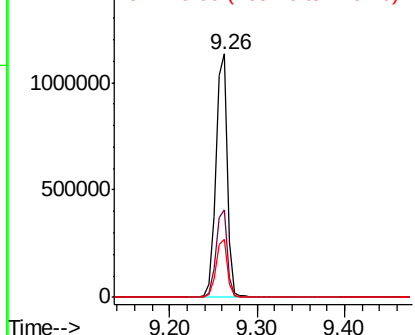


Abundance

Ion 172.00 (171.70 to 172.70): E

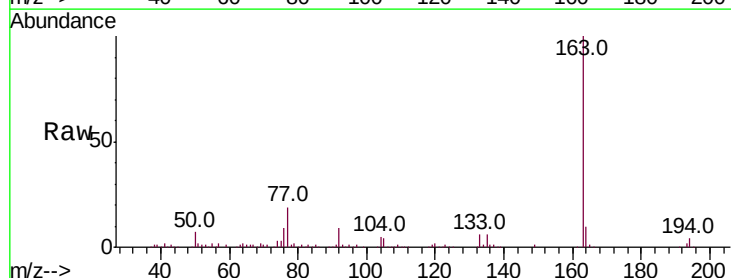
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 12.310 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF118015.D
Acq: 26 Nov 2019 18:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.2	8.7	13.1

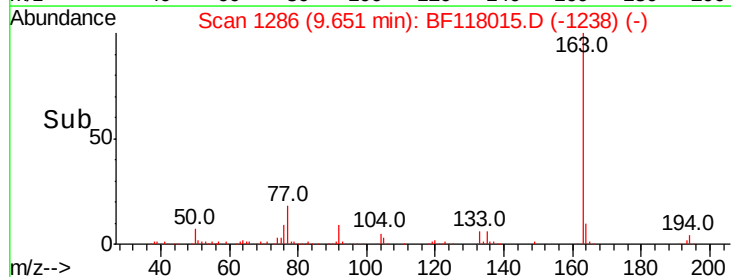
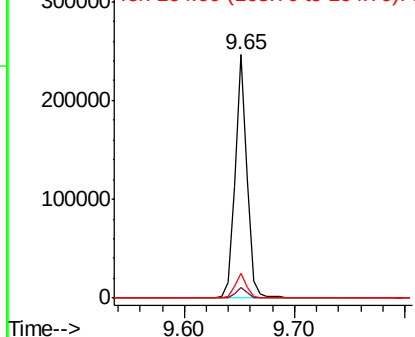


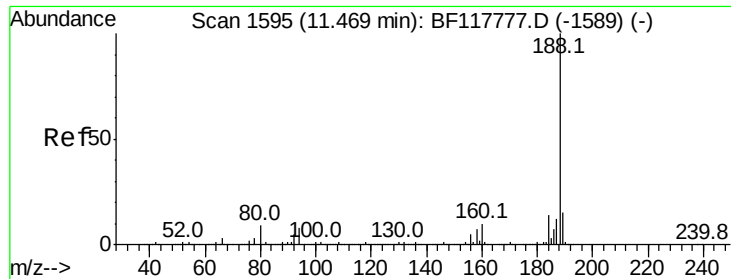
Abundance

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: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF118015.D

Acq: 26 Nov 2019 18:56

Instrument :

BNA_F

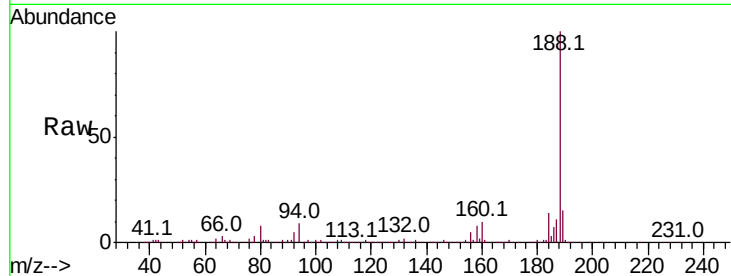
ClientSampleId :

B-1-0-6

Tot Ion:	188	Resp:	287885
Ion Ratio	Lower	Upper	
188	100		
94	8.6	6.6	10.0
80	8.4	7.2	10.8

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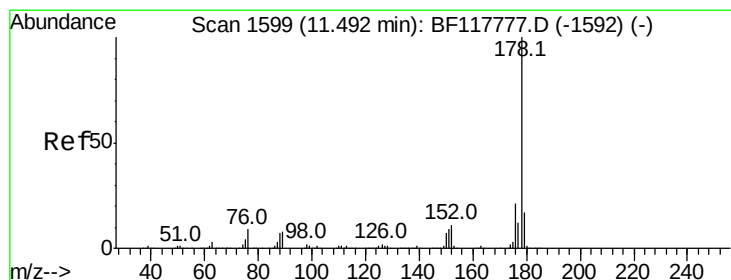
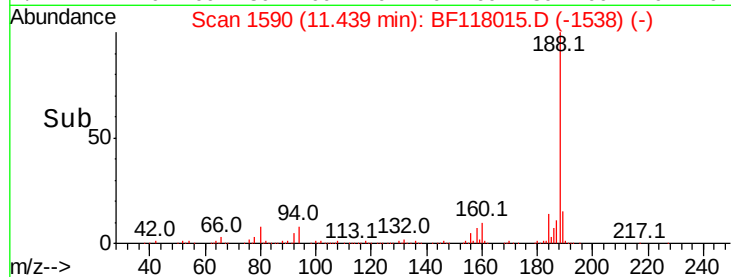
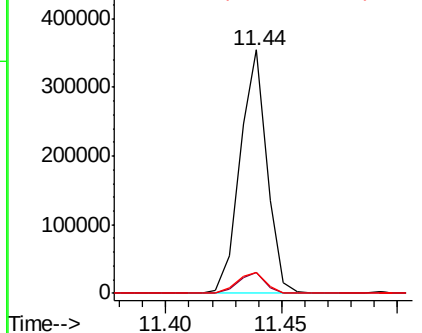
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 3.476 ng

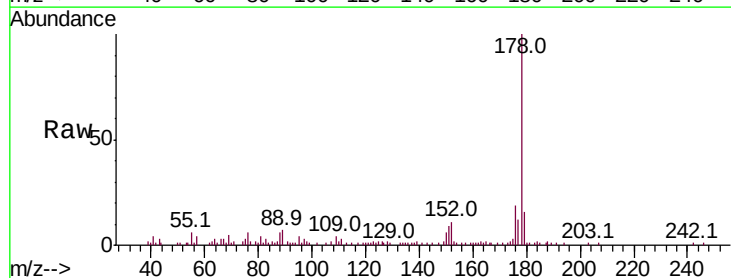
RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF118015.D

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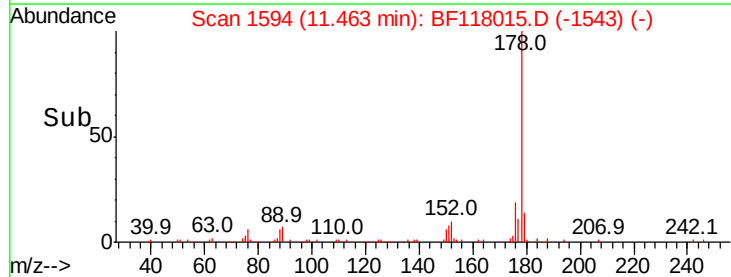
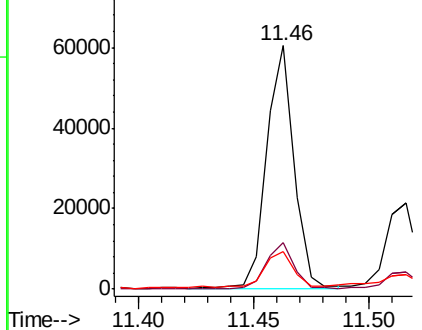
Tgt Ion:	178	Resp:	50312
Ion Ratio	Lower	Upper	
178	100		
176	19.2	16.6	25.0
179	15.5	13.2	19.8

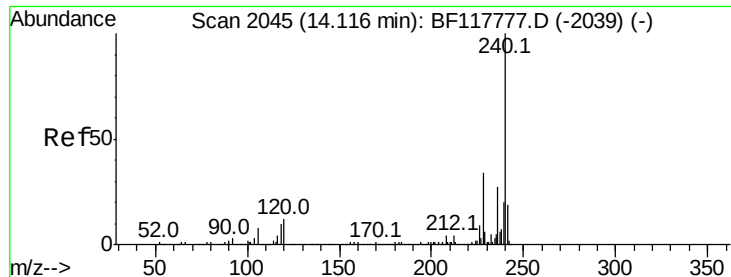


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF118015.D

Acq: 26 Nov 2019 18:56

Instrument :

BNA_F

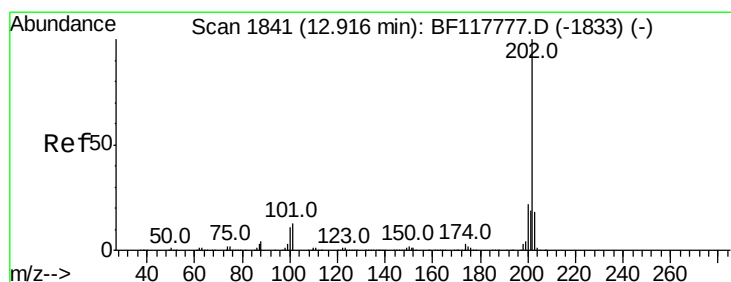
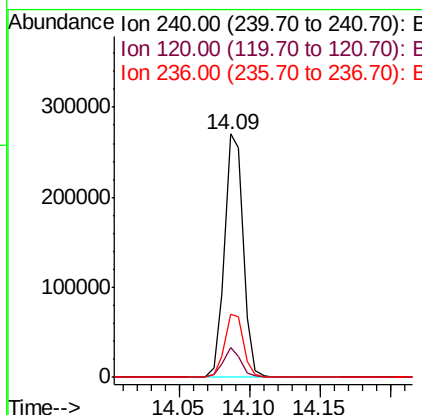
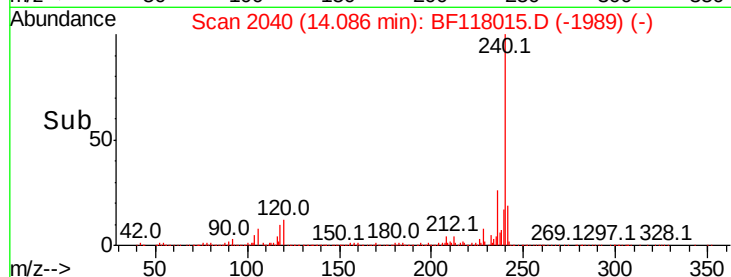
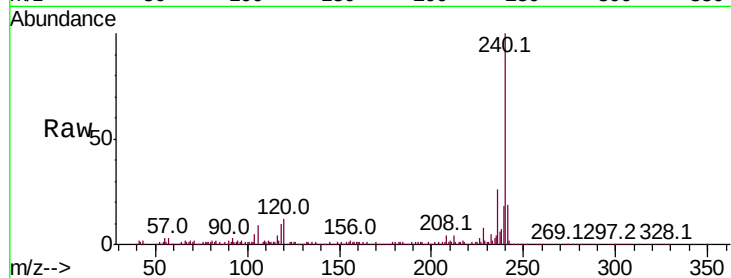
ClientSampled :

B-1-0-6

Tot Ion:	240	Resp:	250777
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.5	14.3
236	26.1	21.3	31.9

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#78

Pyrene

Concen: 4.220 ng

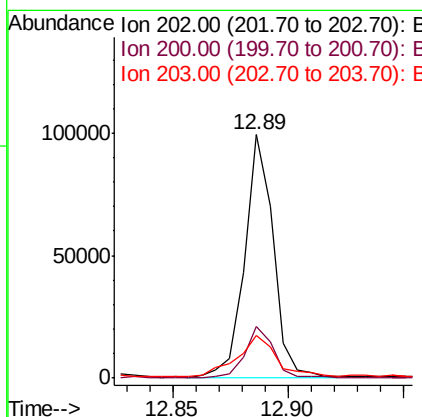
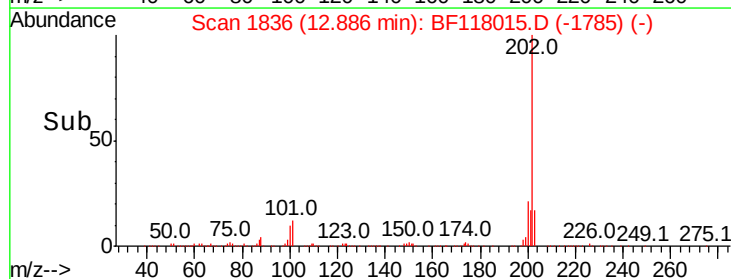
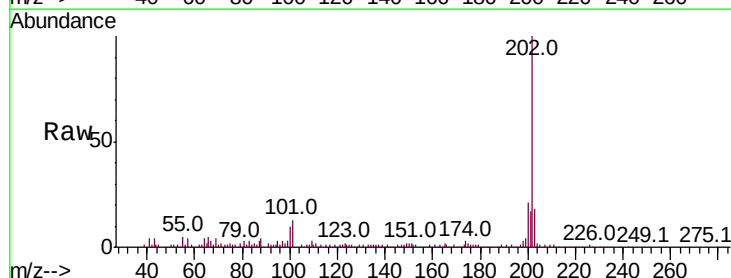
RT: 12.89 min Scan# 1836

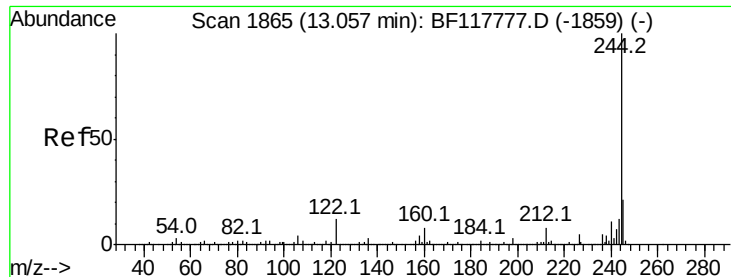
Delta R.T. 0.00 min

Lab File: BF118015.D

Acq: 26 Nov 2019 18:56

Tgt Ion:	202	Resp:	85522
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.8	26.8
203	17.5	14.6	22.0





#79

Terphenyl-d14

Concen: 61.368 ng

RT: 13.03 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BF118015.D

Acq: 26 Nov 2019 18:56

Instrument :

BNA_F

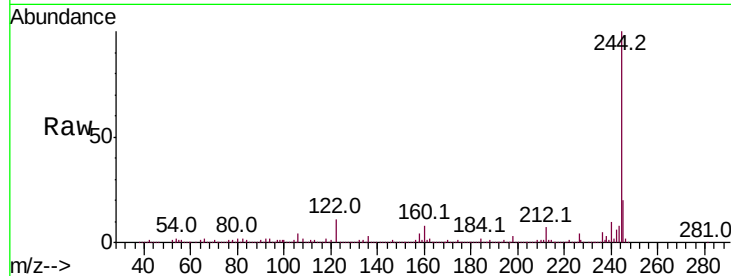
ClientSampleId :

B-1-0-6

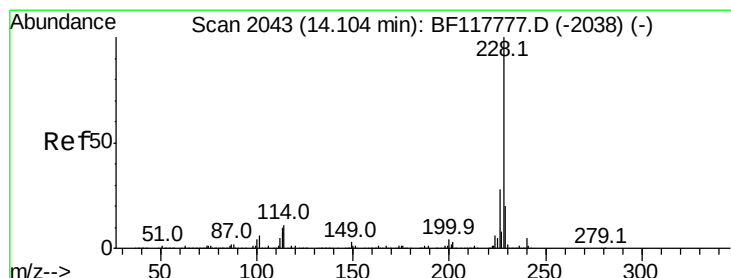
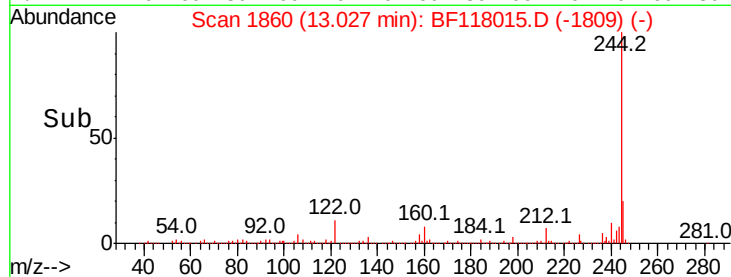
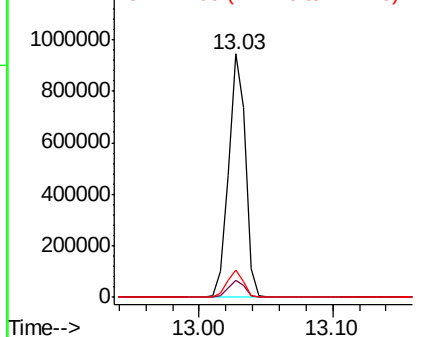
Tot Ion:	244	Resp:	842060
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.3	9.5
122	11.2	9.4	14.2

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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: 2.889 ng

RT: 14.08 min Scan# 2039

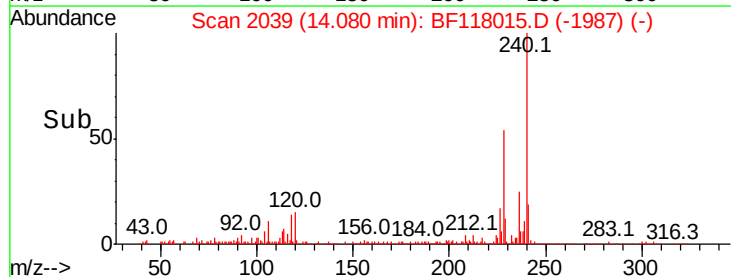
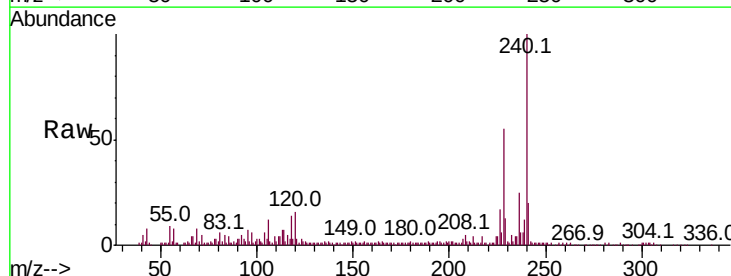
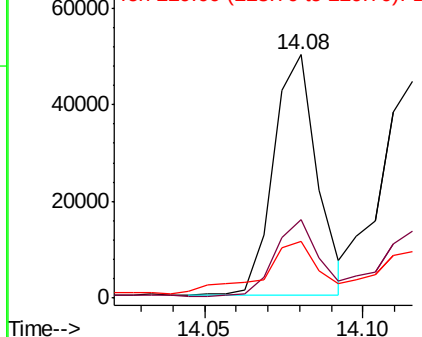
Delta R.T. 0.01 min

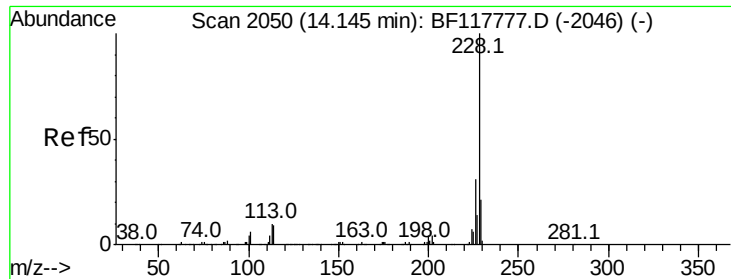
Lab File: BF118015.D

Acq: 26 Nov 2019 18:56

Tgt Ion:	228	Resp:	47883
Ion Ratio	Lower	Upper	
228	100		
226	32.0	22.2	33.2
229	23.6	15.9	23.9

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





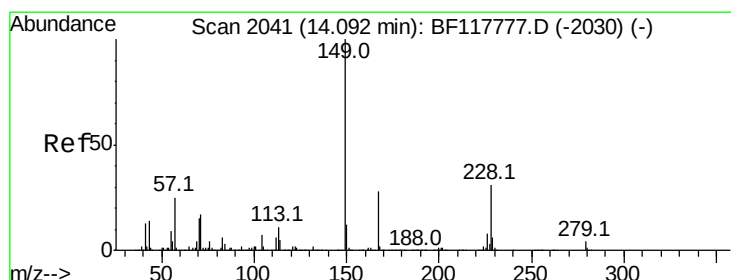
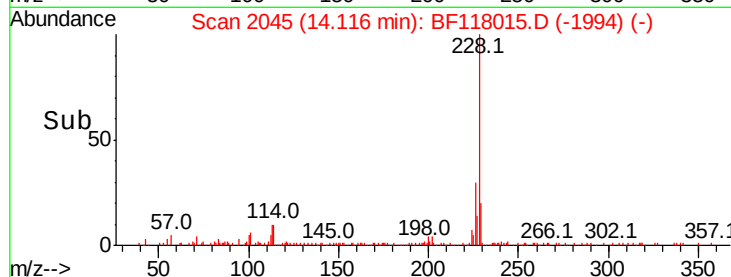
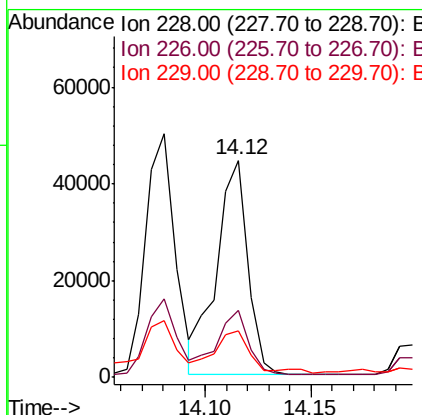
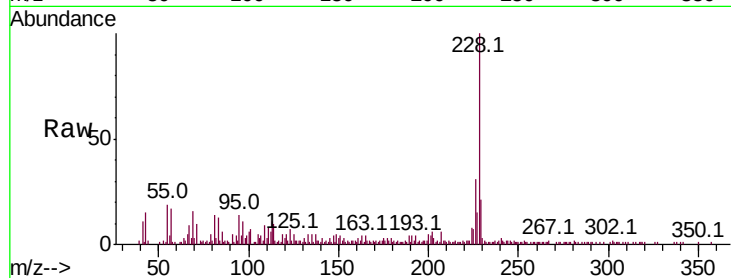
#83
Chrysene
Concen: 2.838 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BF118015.D
Acq: 26 Nov 2019 18:56

Instrument :
BNA_F
ClientSampled :
B-1-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.4
229	21.5	16.6	25.0

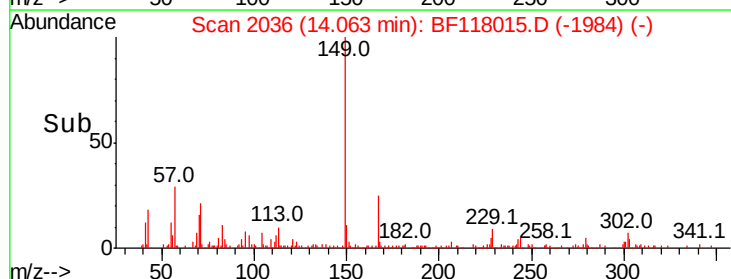
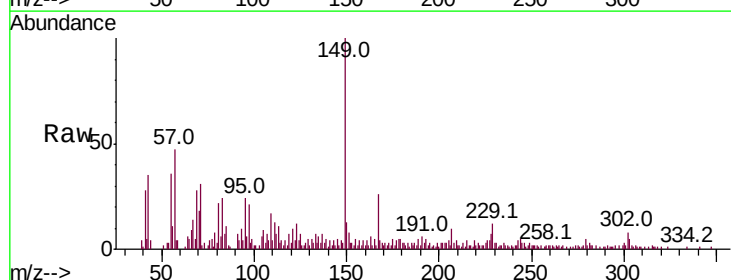
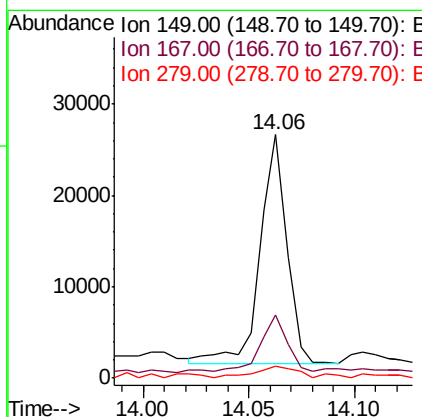
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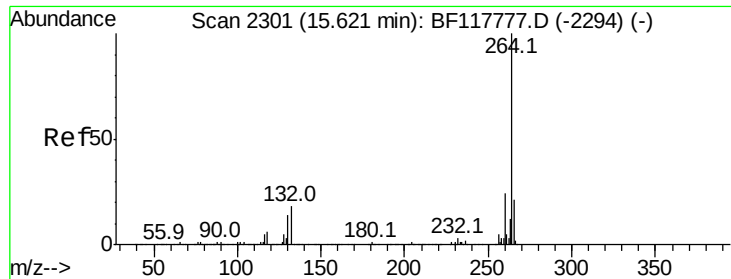
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.079 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF118015.D
Acq: 26 Nov 2019 18:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.2	33.2
279	4.8	3.4	5.2





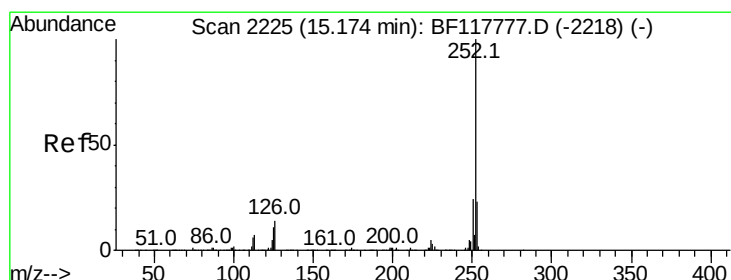
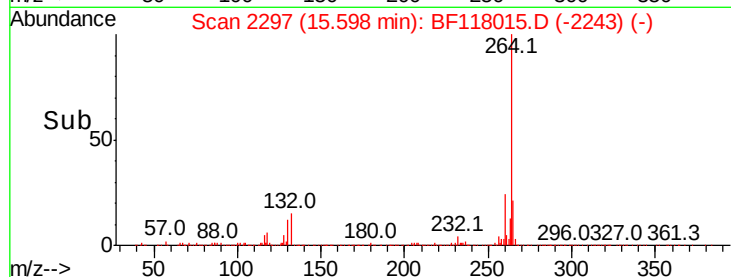
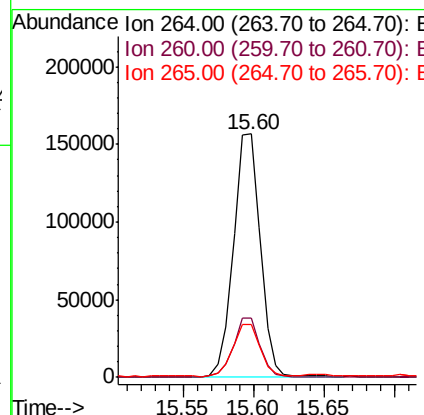
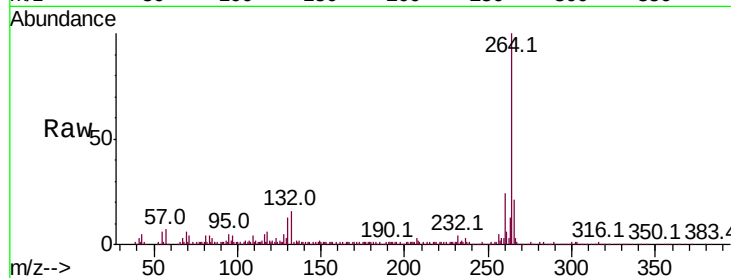
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.02 min
Lab File: BF118015.D
Acq: 26 Nov 2019 18:56

Instrument :
BNA_F
ClientSampleId :
B-1-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.5	17.1	25.7

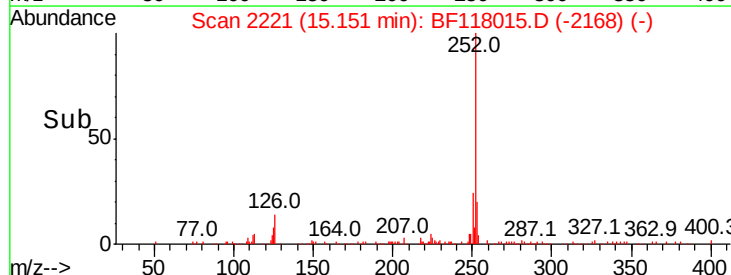
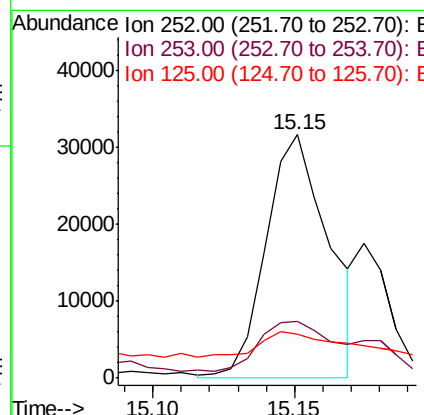
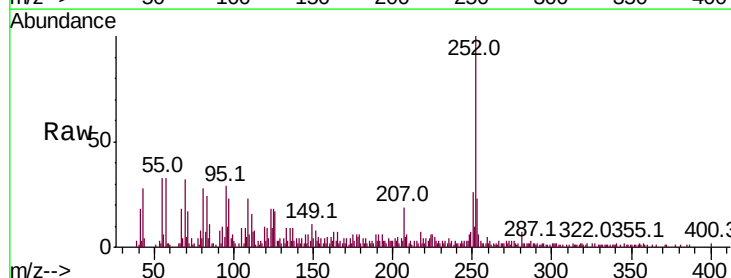
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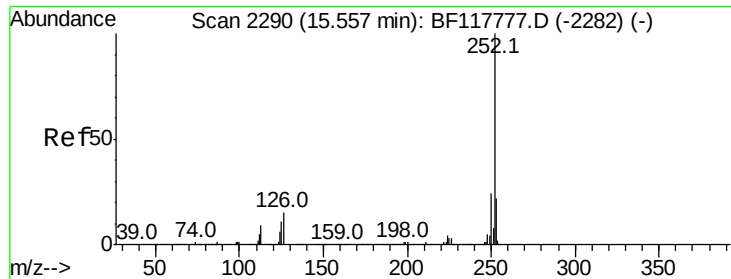
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#88
Benzo(b)fluoranthene
Concen: 3.620 ng m
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF118015.D
Acq: 26 Nov 2019 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	18.2	8.6	13.0





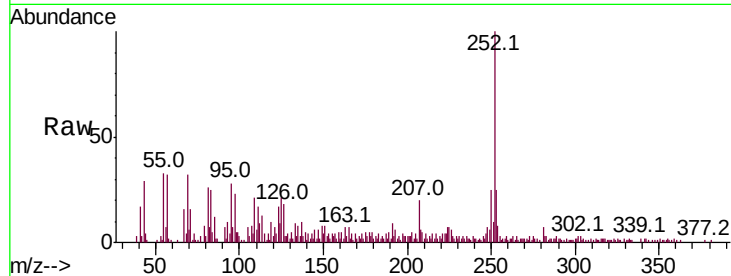
#90
 Benzo(a)pyrene
 Concen: 2.903 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. 0.01 min
 Lab File: BF118015.D
 Acq: 26 Nov 2019 18:56

Instrument :
 BNA_F
 ClientSampleId :
 B-1-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	20.9	9.2	13.8

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Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

