

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099515.D
 Acq On : 15 Oct 2017 15:54
 Operator : SJ/JU
 Sample : I5752-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-119-3(0-5)

Manual Integrations
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Sohil
 10/16/2017 7:45:31 PM

Quant Time: Oct 16 02:03:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	105086	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	419578	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	170930	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	241520	20.00	ng	0.00
75) Chrysene-d12	14.01	240	183115	20.00	ng	0.00
86) Perylene-d12	15.49	264	195020	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	707071	107.11	ng	0.00
7) Phenol-d6	6.49	99	875257	107.48	ng	0.00
23) Nitrobenzene-d5	7.41	82	522124	79.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	114543	81.89	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	888278	86.76	ng	-0.01
78) Terphenyl-d14	12.95	244	513149	63.73	ng	0.00
Target Compounds						
10) Phenol	6.49	94	55915	6.139	ng	96
49) Dimethylphthalate	9.59	163	164091	12.719	ng	99
70) Phenanthrene	11.39	178	30649	2.371	ng	97
74) Fluoranthene	12.58	202	53787	4.109	ng	100
77) Pyrene	12.82	202	53700	3.846	ng	97
80) Benzo(a)anthracene	14.00	228	29180	2.632	ng	99
82) Chrysene	14.04	228	26884	2.547	ng	98
85) Indeno(1,2,3-cd)pyrene	16.96	276	17073	2.022	ng	99
87) Benzo(b)fluoranthene	15.06	252	41095m	3.427	ng	
89) Benzo(a)pyrene	15.42	252	30675	2.787	ng	95

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

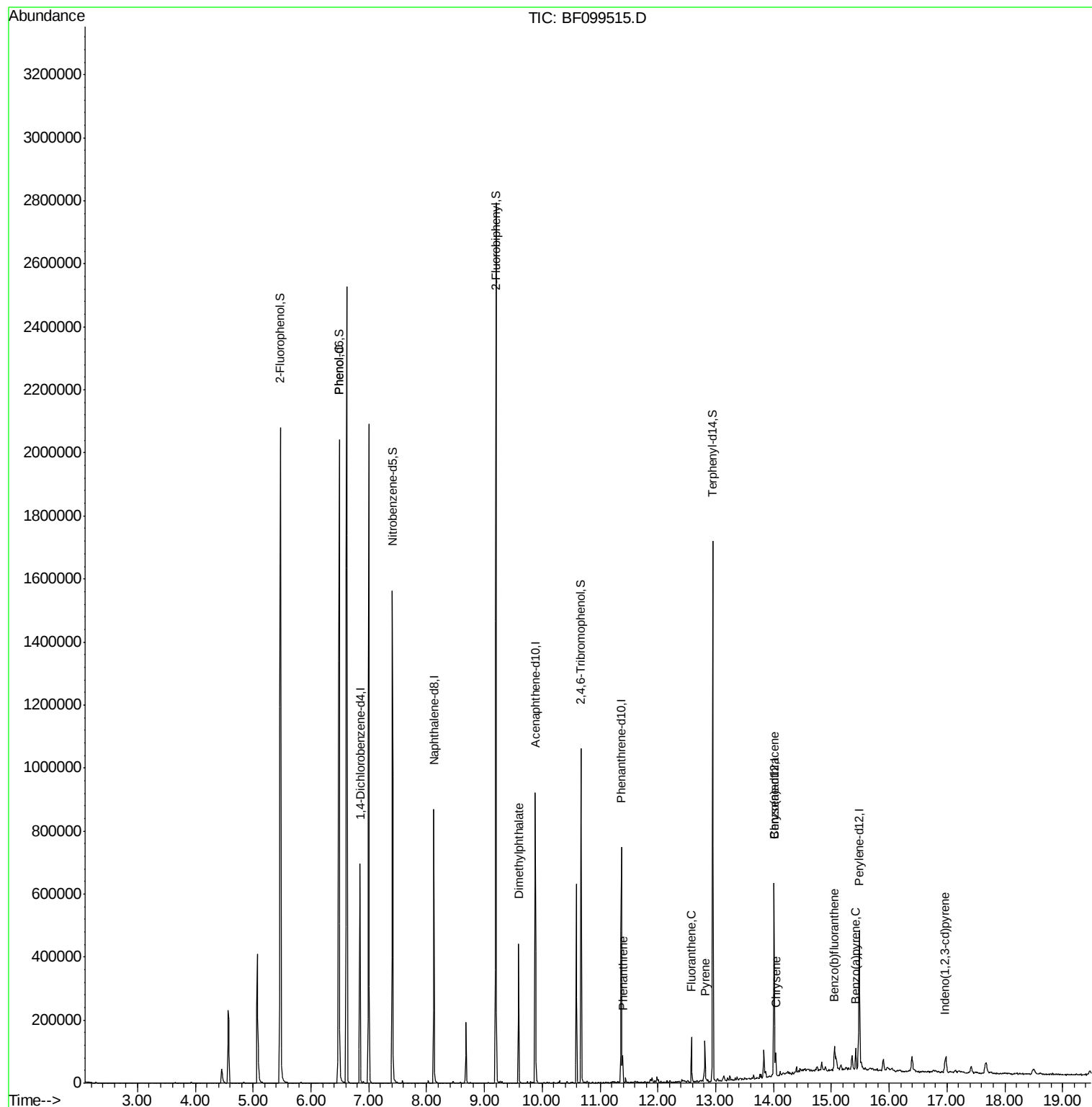
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099515.D
Acq On : 15 Oct 2017 15:54
Operator : SJ/JU
Sample : I5752-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

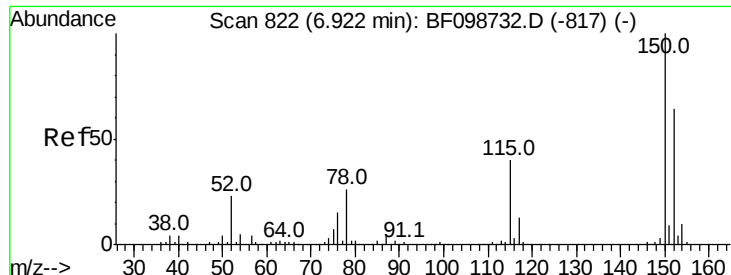
Instrument :
BNA_F
ClientSampleId :
ENV-119-3(0-5)

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Quant Time: Oct 16 02:03:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration





#1

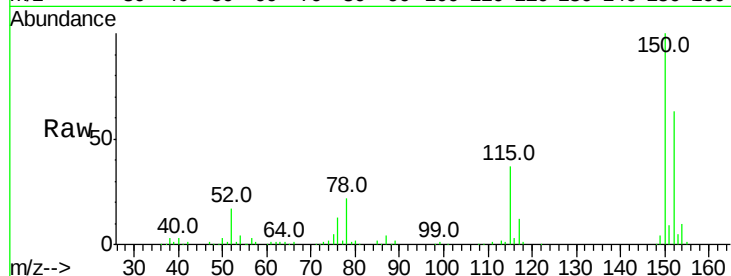
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099515.D
Acq: 15 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :
ENV-119-3(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	58.9	50.1	75.1

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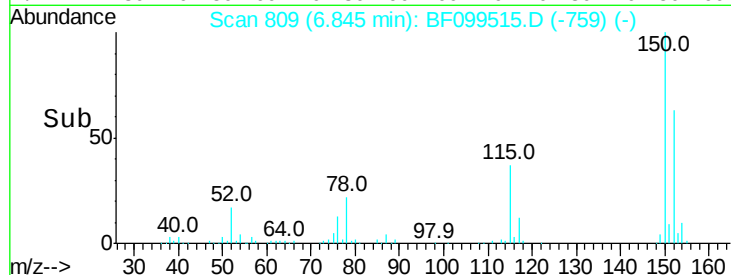
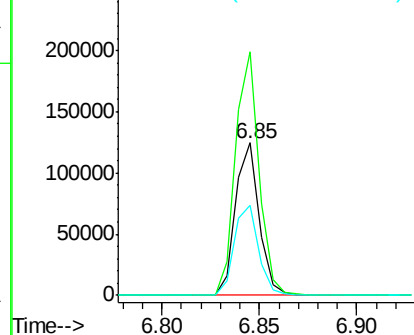


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

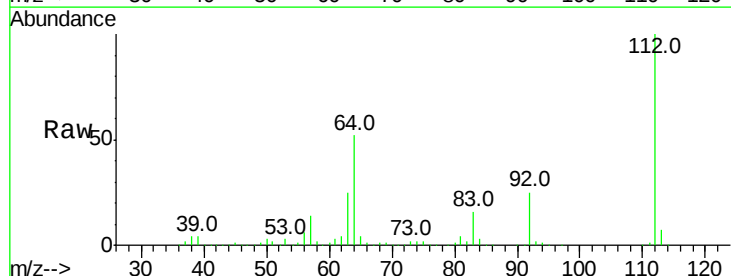
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.111 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099515.D
Acq: 15 Oct 2017 15:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	47.9	71.9
63	25.4	23.7	35.5

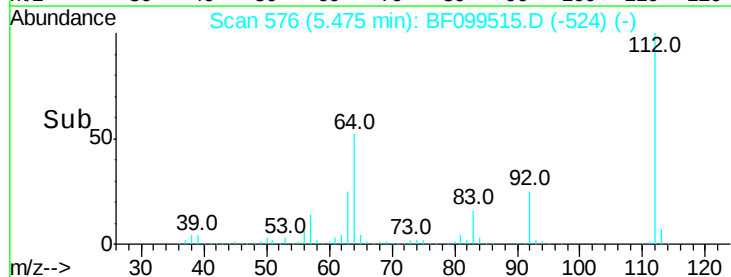
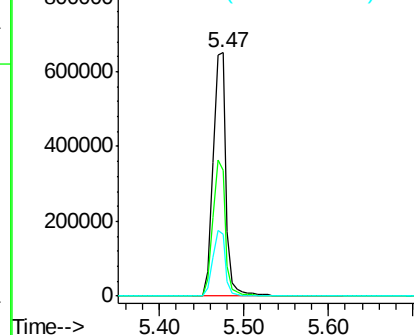


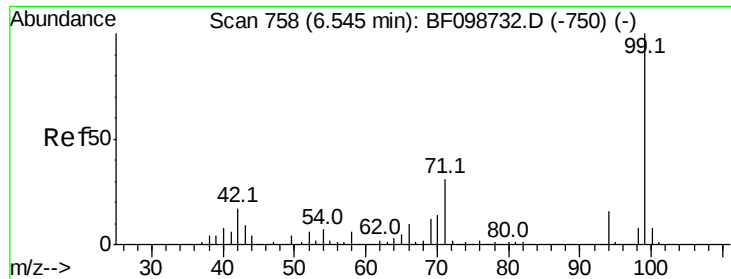
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.480 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099515.D

Acq: 15 Oct 2017 15:54

Instrument :

BNA_F

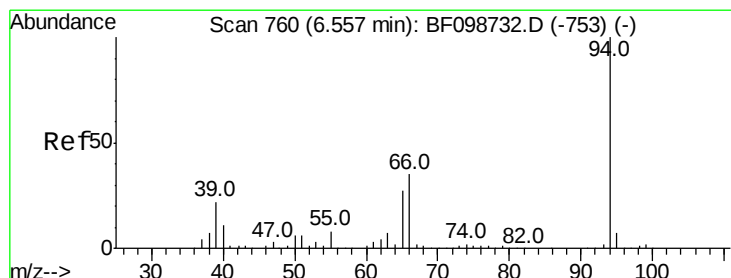
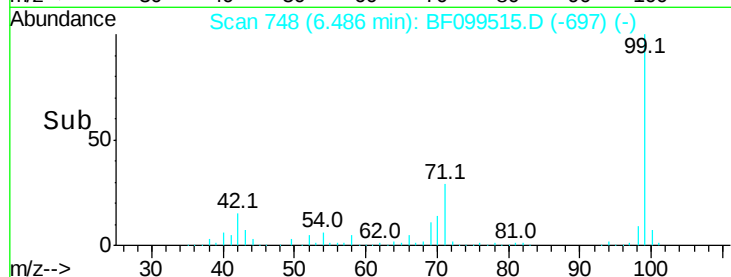
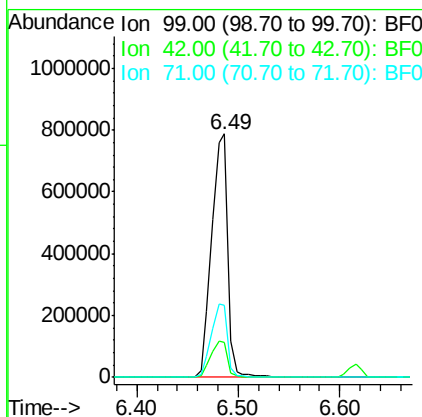
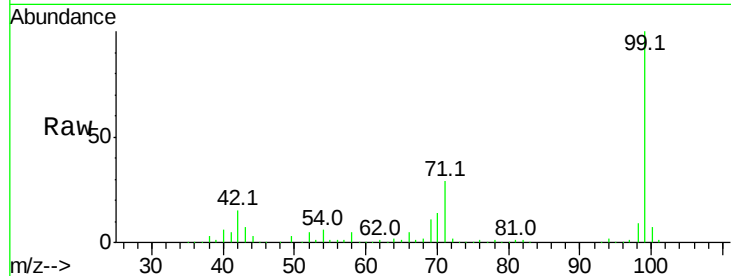
ClientSampleId :

ENV-119-3(0-5)

Tot Ion:	99	Resp:	875257
Ion Ratio	Lower	Upper	
99	100		
42	14.5	14.5	21.7
71	29.4	25.4	38.0

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#10

Phenol

Concen: 6.139 ng

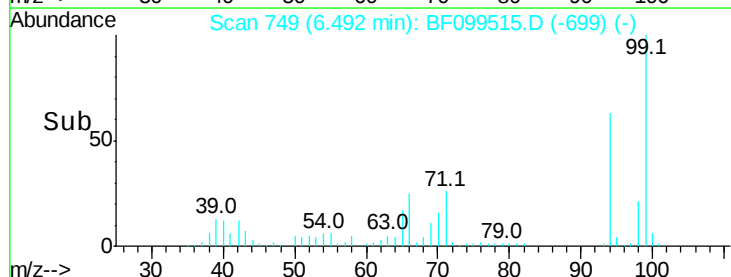
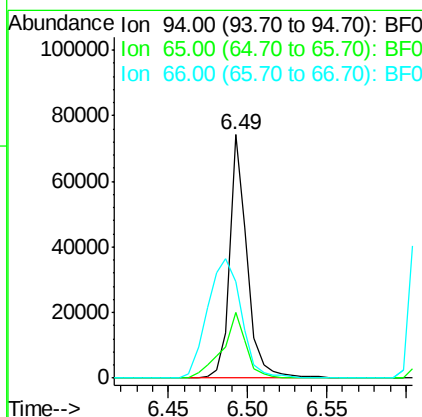
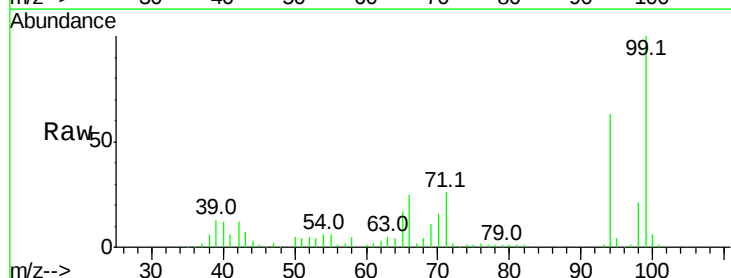
RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099515.D

Acq: 15 Oct 2017 15:54

Tgt Ion:	94	Resp:	55915
Ion Ratio	Lower	Upper	
94	100		
65	27.1	7.9	47.9
66	39.7	16.2	56.2





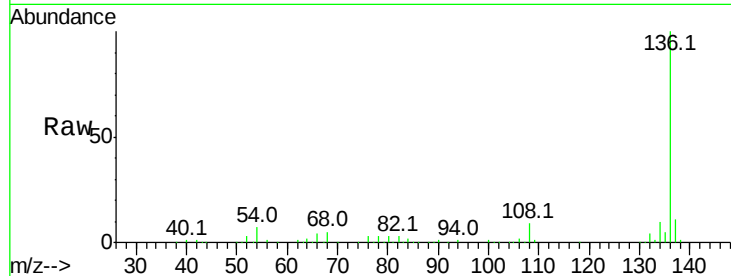
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099515.D
Acq: 15 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :
ENV-119-3(0-5)

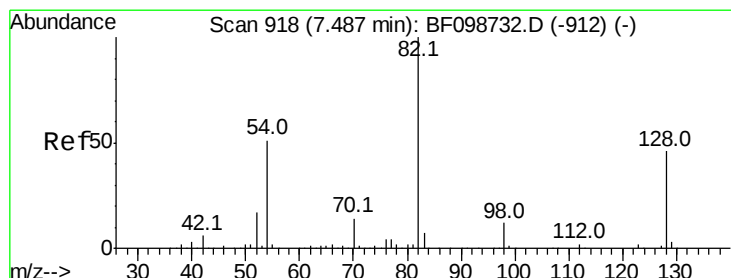
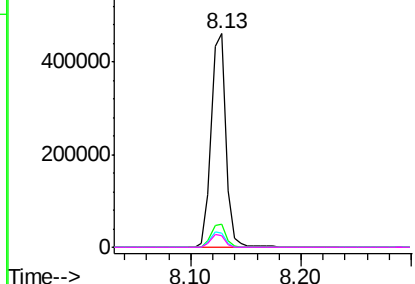
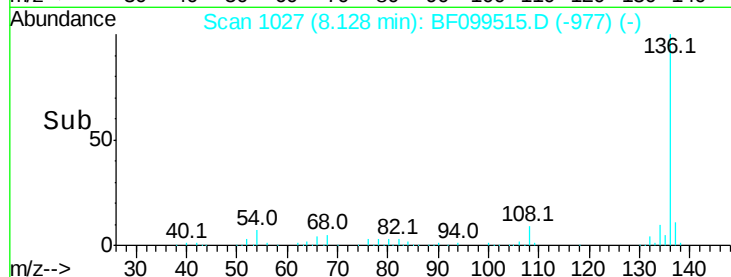
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	6.7	6.6	9.8	
68	5.4	5.0	7.4	

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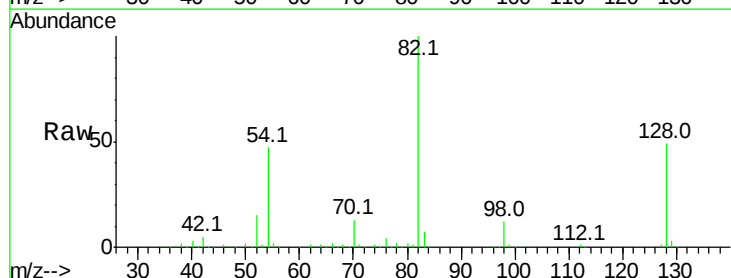


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

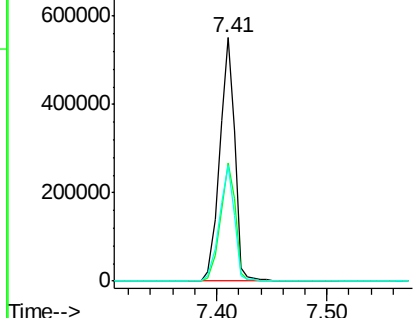
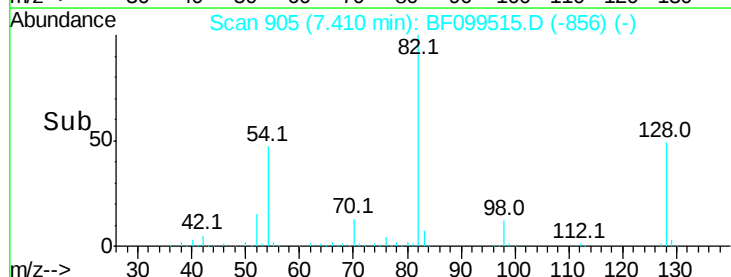


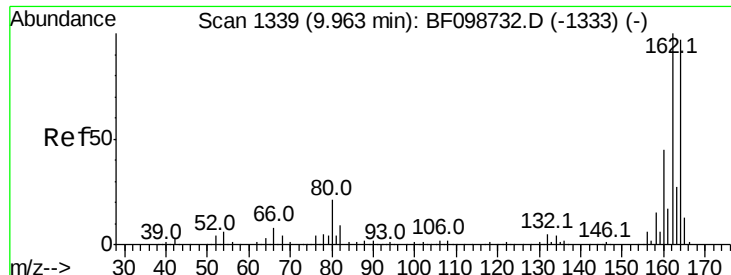
#23
Nitrobenzene-d5
Concen: 79.804 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099515.D
Acq: 15 Oct 2017 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.8	36.1	54.1	
54	47.3	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





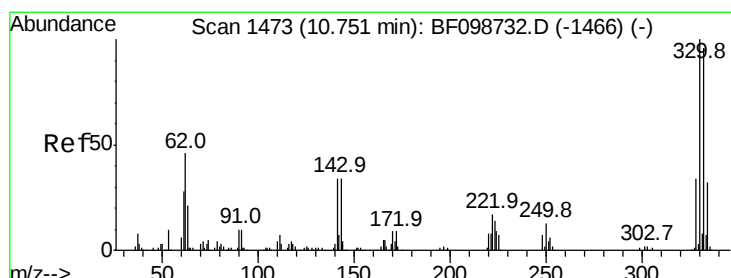
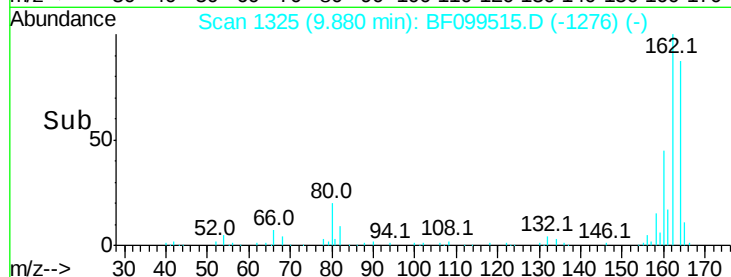
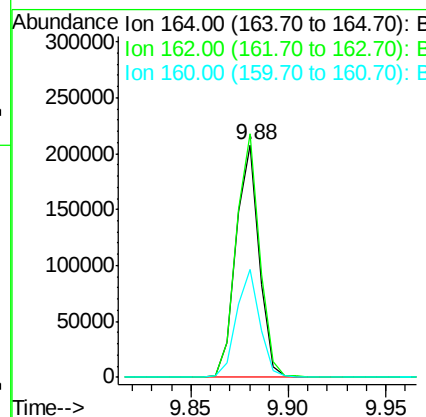
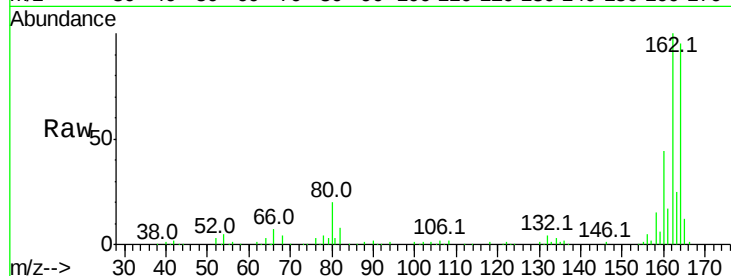
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF099515.D
 Acq: 15 Oct 2017 15:54

Instrument :
 BNA_F
 ClientSampleId :
 ENV-119-3(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	170930		
162	104.9	86.1	129.1	
160	46.4	38.3	57.5	

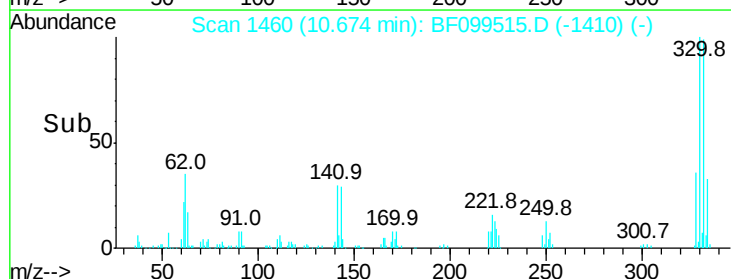
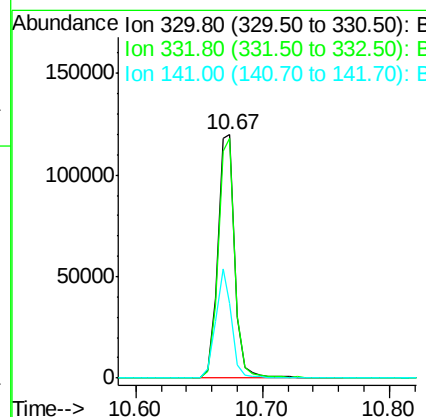
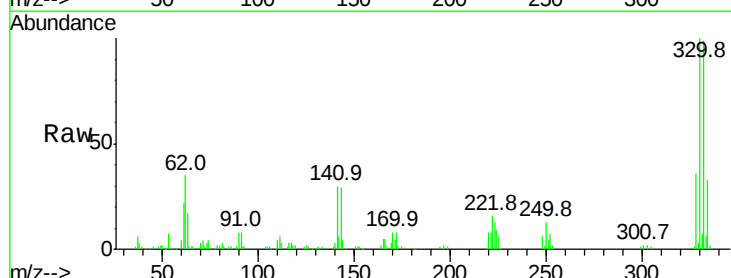
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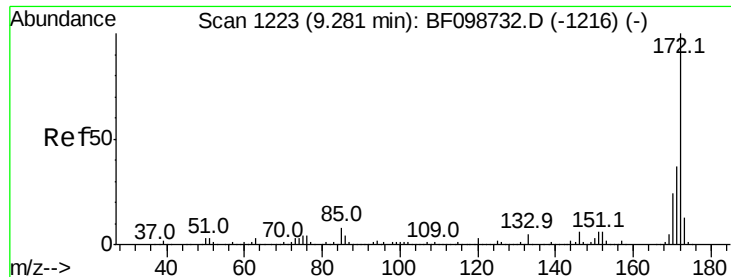
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#41
 2,4,6-Tribromophenol
 Concen: 81.894 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099515.D
 Acq: 15 Oct 2017 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	114543		
332	96.5	77.0	115.6	
141	41.0	29.9	44.9	





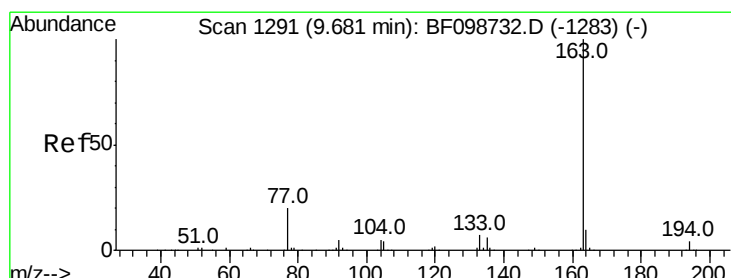
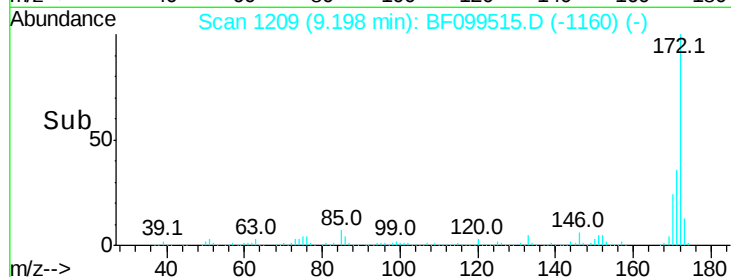
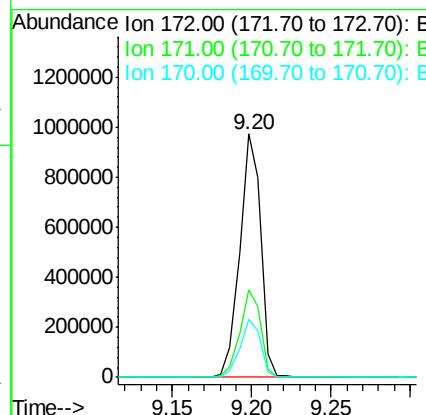
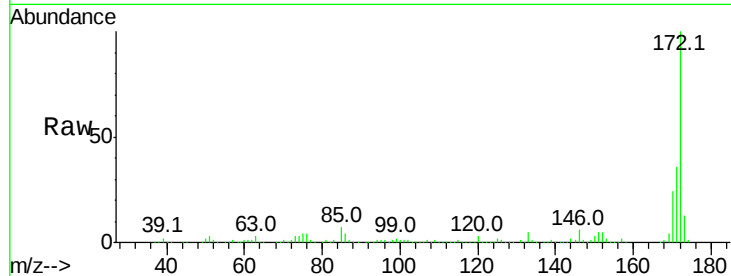
#44
2-Fluorobiphenyl
Concen: 86.755 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099515.D
Acq: 15 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :
ENV-119-3(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	888278		
171	36.1		29.7	44.5
170	23.8		19.6	29.4

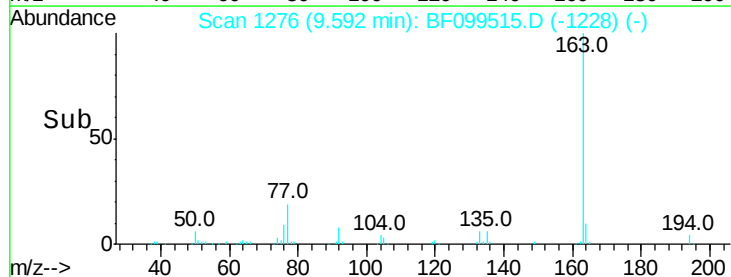
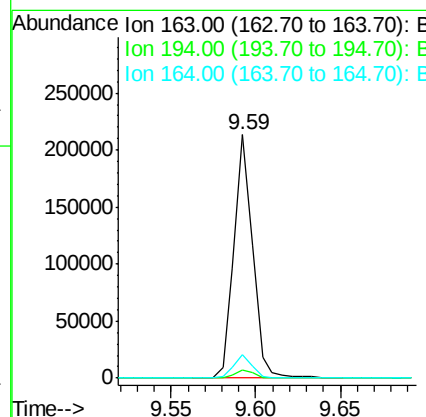
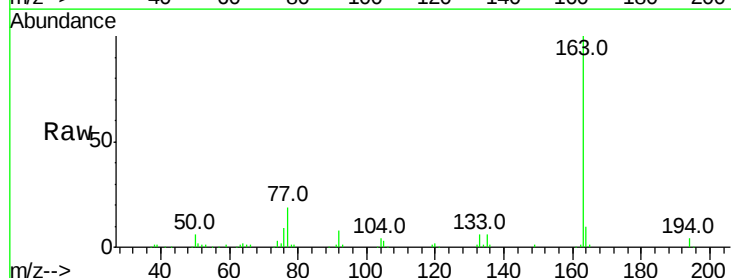
Manual Integrations
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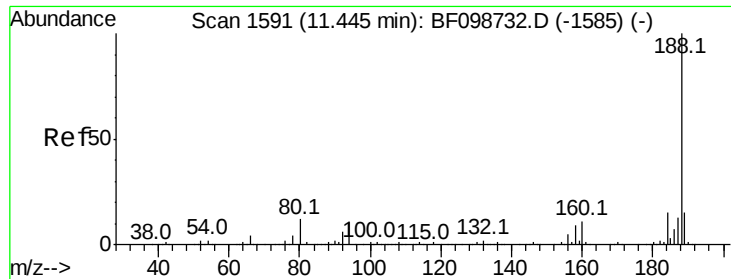
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#49
Dimethylphthalate
Concen: 12.719 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099515.D
Acq: 15 Oct 2017 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	164091		
194	3.5		2.7	4.1
164	9.8		8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF099515.D

Acq: 15 Oct 2017 15:54

Instrument :

BNA_F

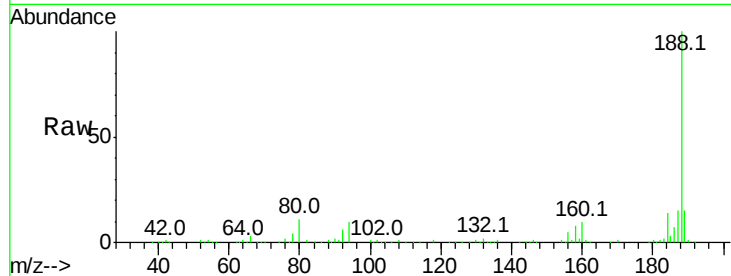
ClientSampleId :

ENV-119-3(0-5)

Tot Ion:	188	Resp:	241520
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.5	12.7
80	11.1	9.2	13.8

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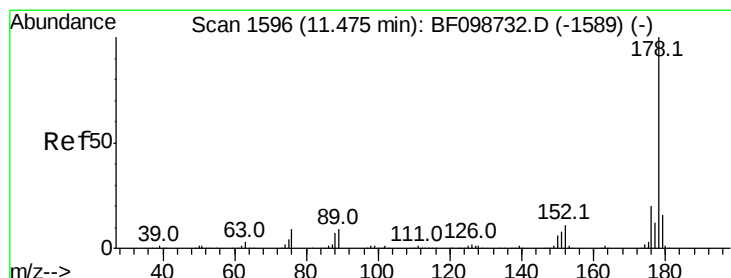
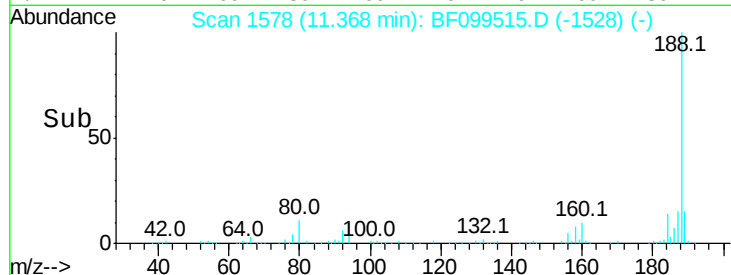
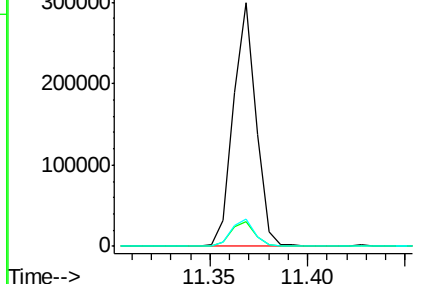
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 2.371 ng

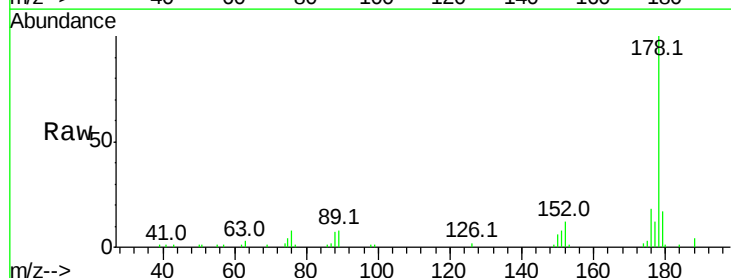
RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF099515.D

Acq: 15 Oct 2017 15:54

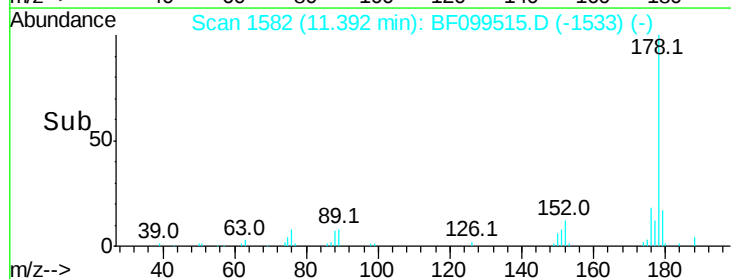
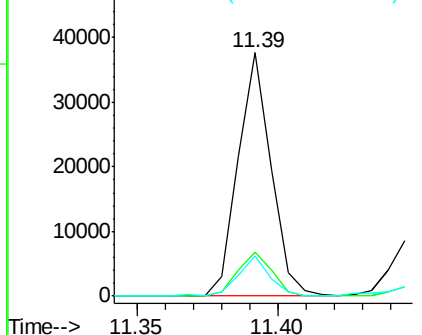
Tgt Ion:	178	Resp:	30649
Ion Ratio	Lower	Upper	
178	100		
176	17.9	15.8	23.8
179	16.6	13.0	19.6

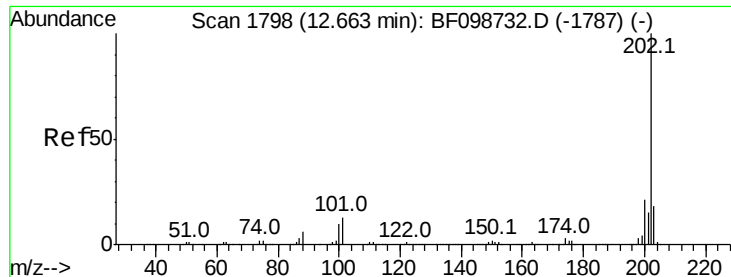


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 4.109 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF099515.D

Acq: 15 Oct 2017 15:54

Instrument :

BNA_F

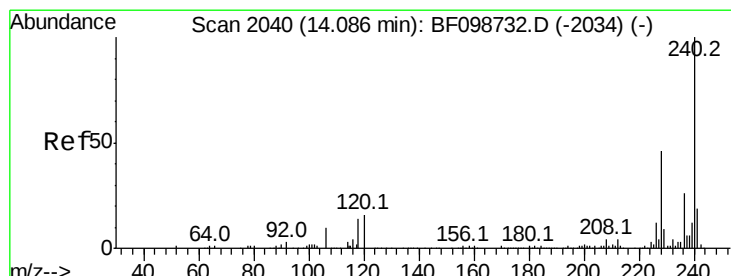
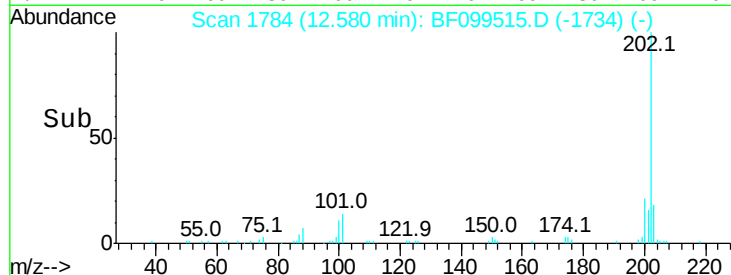
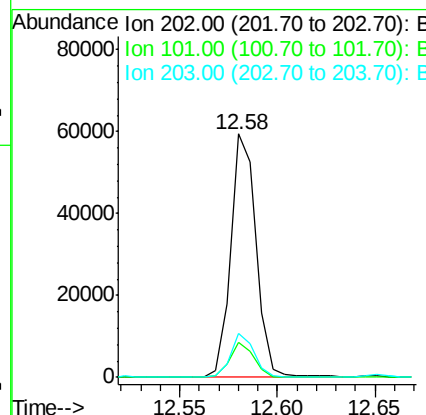
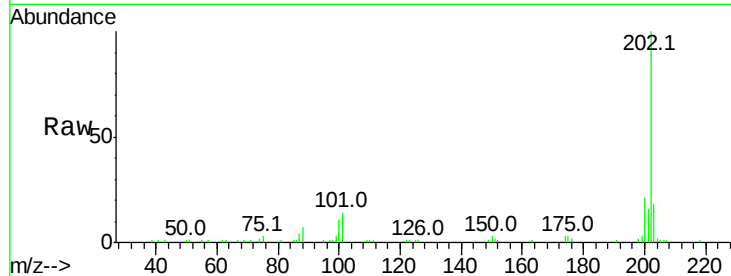
ClientSampleId :

ENV-119-3(0-5)

Tot Ion:	202	Resp:	53787
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	34.1
203	18.0	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

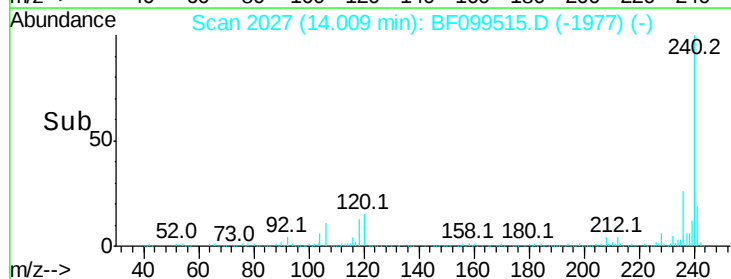
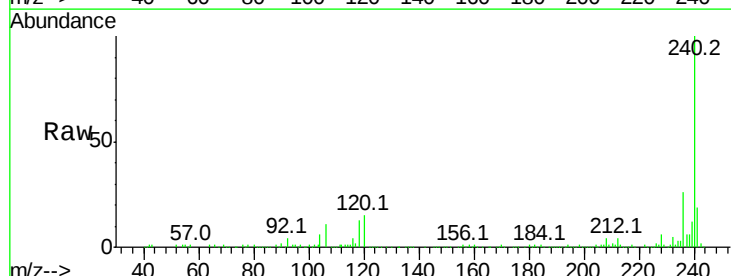
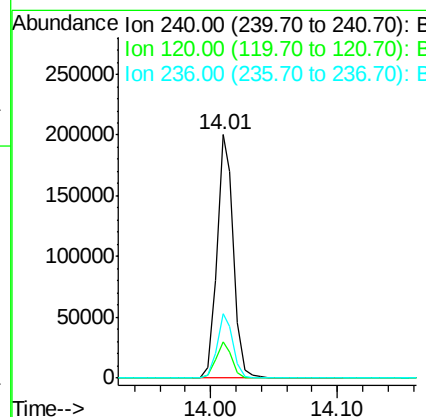
RT: 14.01 min Scan# 2027

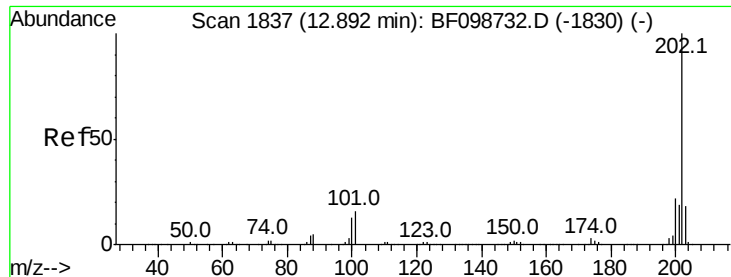
Delta R.T. -0.01 min

Lab File: BF099515.D

Acq: 15 Oct 2017 15:54

Tgt Ion:	240	Resp:	183115
Ion Ratio	Lower	Upper	
240	100		
120	15.1	9.5	14.3#
236	26.5	20.7	31.1





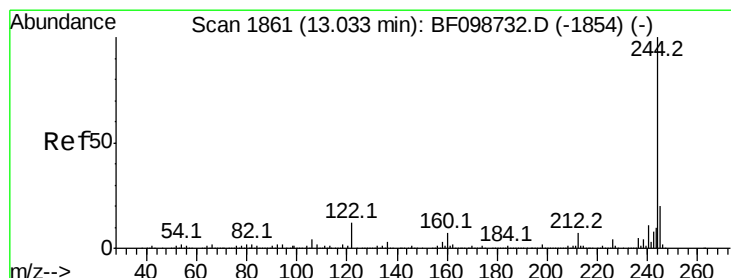
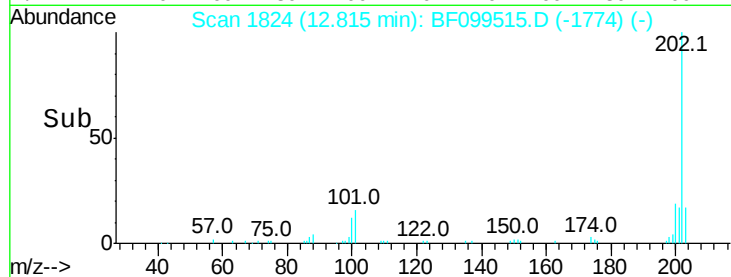
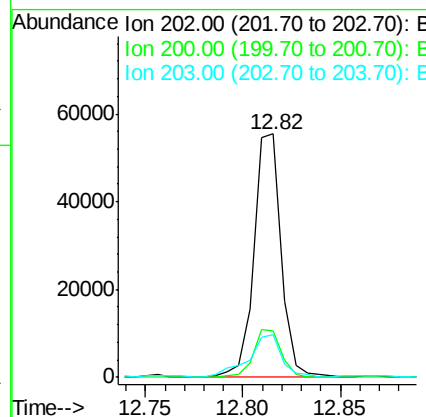
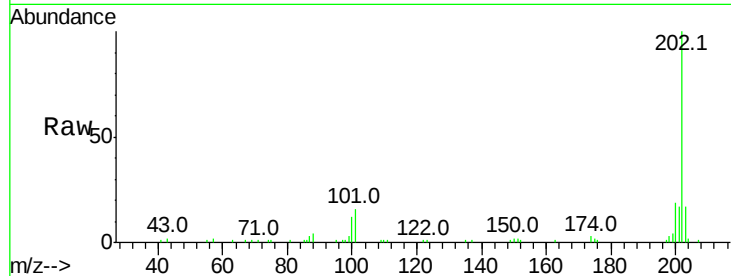
#77
Pvrene
Concen: 3.846 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099515.D
Acq: 15 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :
ENV-119-3(0-5)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.3	17.4	26.2
203	17.5	14.3	21.5

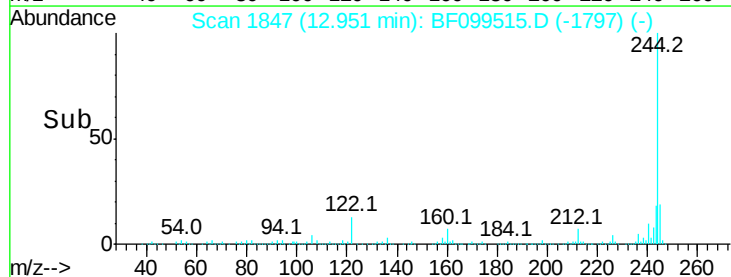
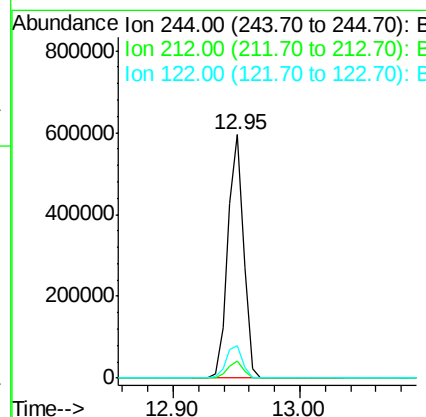
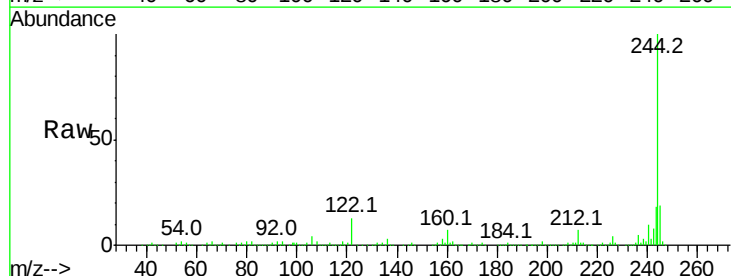
Manual Integrations
APPROVED

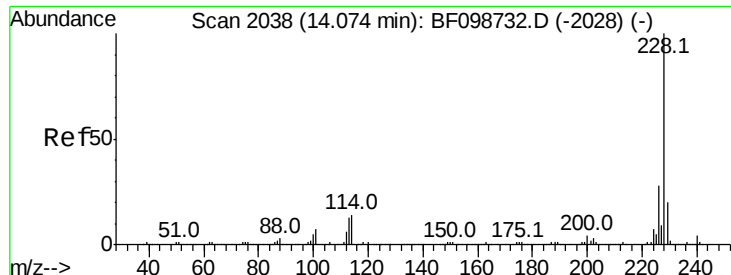
Sohil
10/16/2017 7:45:31 PM



#78
Terphenyl-d14
Concen: 63.731 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099515.D
Acq: 15 Oct 2017 15:54

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.4	11.0	16.4





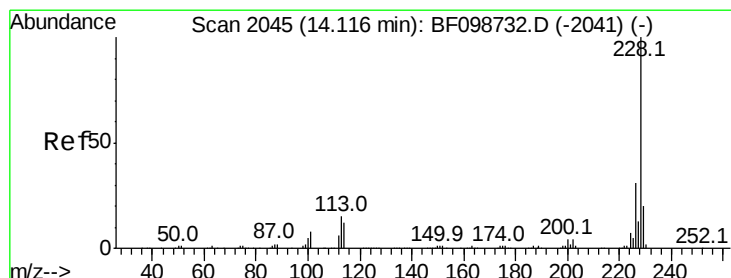
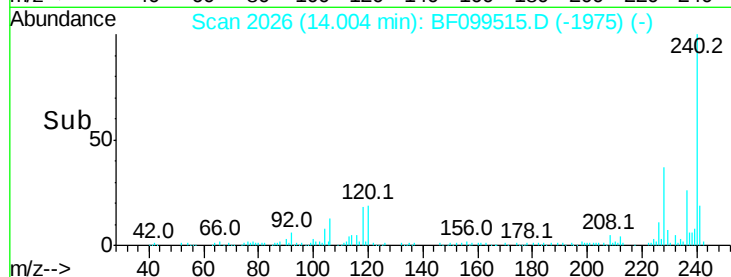
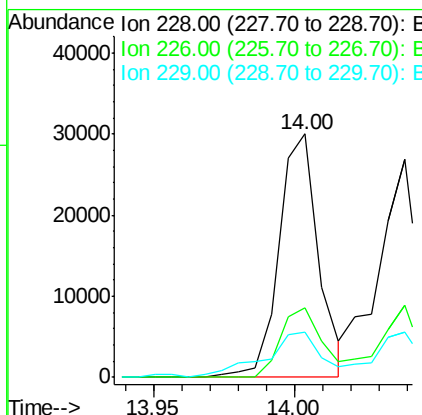
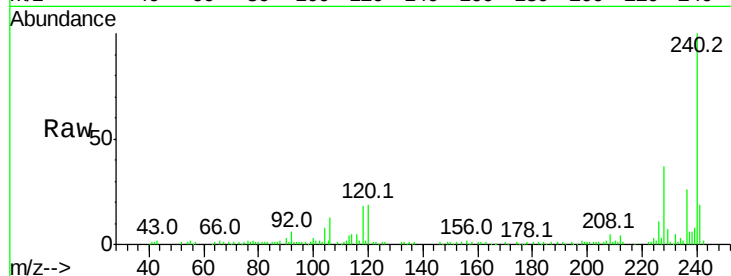
#80
Benzo(a)anthracene
Concen: 2.632 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF099515.D
Acq: 15 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :
ENV-119-3(0-5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	18.5	15.8	23.6

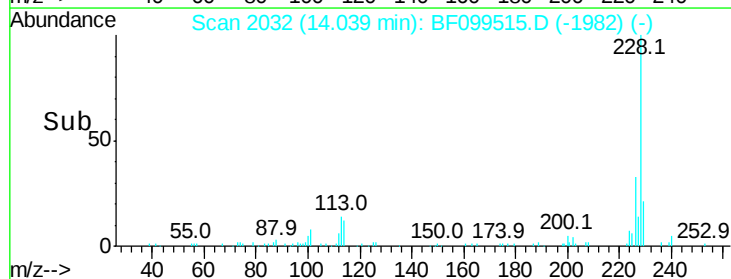
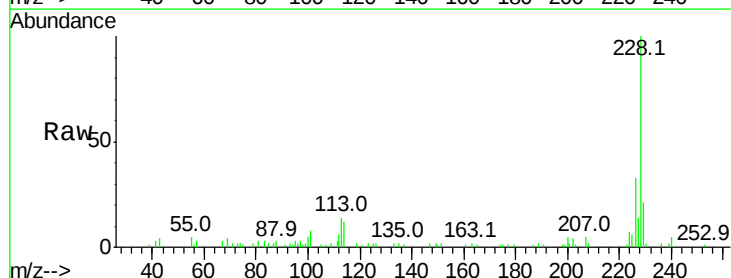
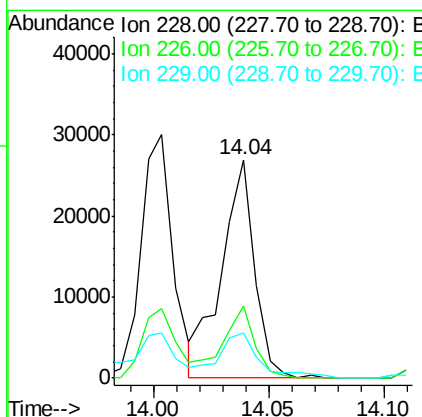
Manual Integrations
APPROVED

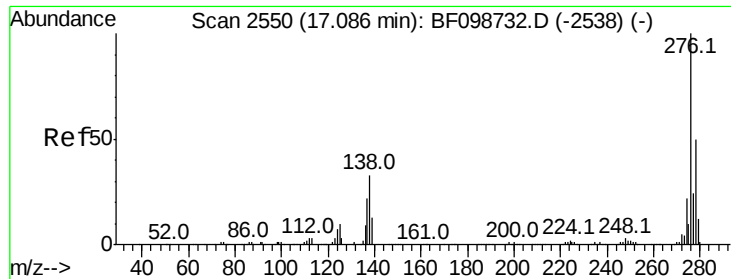
Sohil
10/16/2017 7:45:31 PM



#82
Chrysene
Concen: 2.547 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099515.D
Acq: 15 Oct 2017 15:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.0	37.6
229	20.7	16.2	24.4





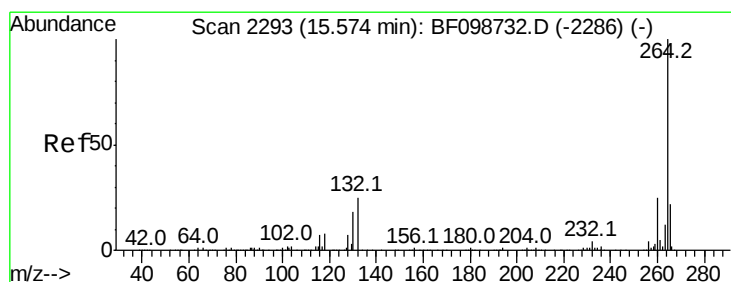
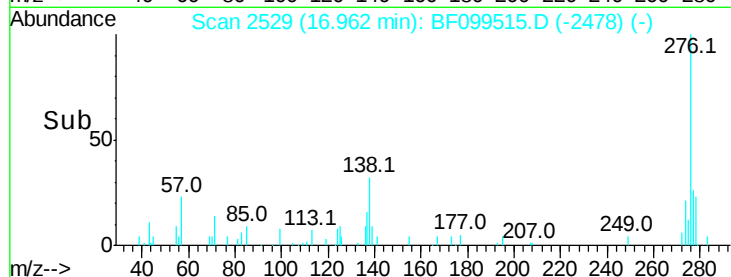
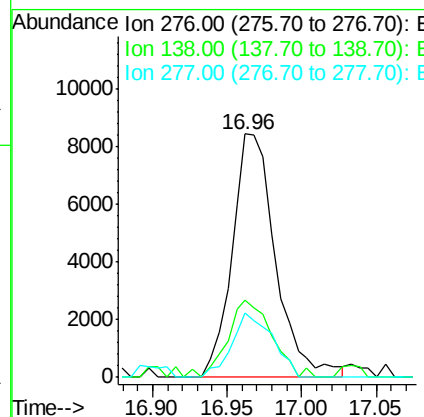
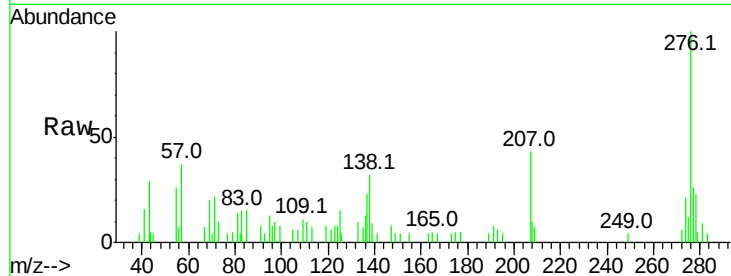
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.022 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.00 min
Lab File: BF099515.D
Acq: 15 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :
ENV-119-3(0-5)

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.6	25.0	37.6
277	24.7	20.1	30.1

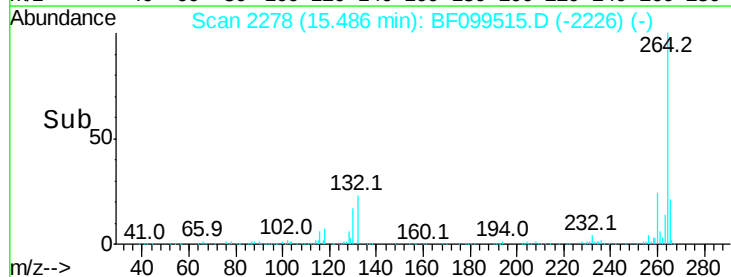
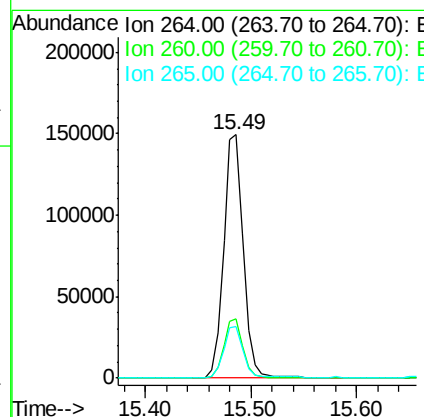
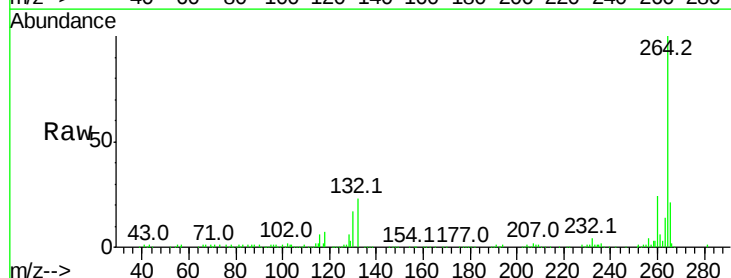
Manual Integrations
APPROVED

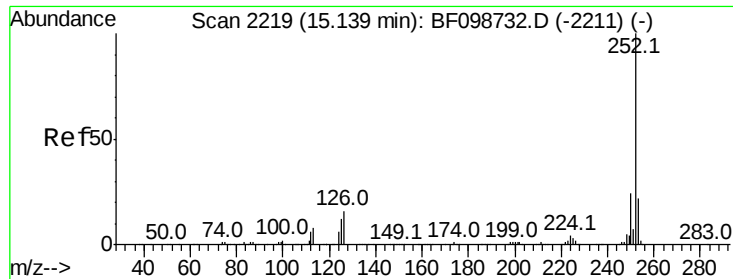
Sohil
10/16/2017 7:45:31 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099515.D
Acq: 15 Oct 2017 15:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.9	17.5	26.3





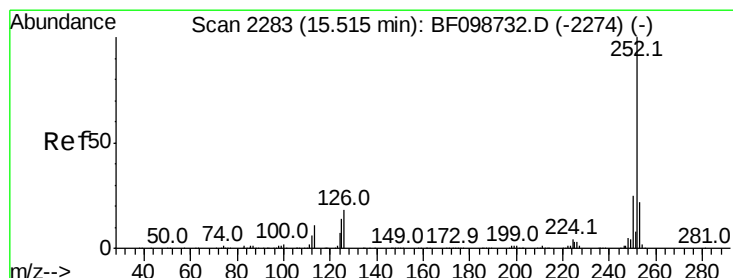
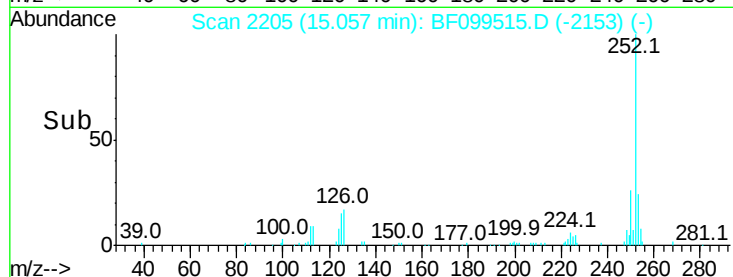
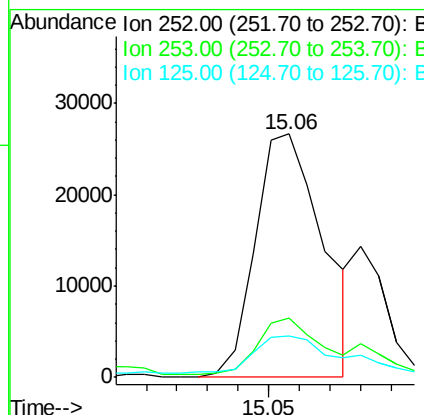
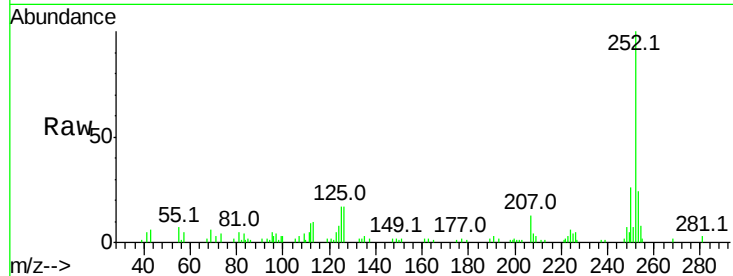
#87
Benzo(b)fluoranthene
Concen: 3.427 ng m
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099515.D
Acq: 15 Oct 2017 15:54

Instrument :
BNA_F
ClientSampleId :
ENV-119-3(0-5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	17.0	9.0	13.6

Manual Integrations
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10/16/2017 7:45:31 PM



#89
Benzo(a)pyrene
Concen: 2.787 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF099515.D
Acq: 15 Oct 2017 15:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	13.6	9.8	14.6

