

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099513.D
 Acq On : 15 Oct 2017 14:57
 Operator : SJ/JU
 Sample : I5752-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-7(0-5)

Manual Integrations
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Sohil
 10/16/2017 7:45:25 PM

Quant Time: Oct 16 01:55:34 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	106433	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	428668	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	174506	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	255365	20.00	ng	0.00
75) Chrysene-d12	14.01	240	186456	20.00	ng	0.00
86) Perylene-d12	15.49	264	209683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	767623	114.81	ng	0.00
7) Phenol-d6	6.49	99	916728	111.15	ng	0.00
23) Nitrobenzene-d5	7.41	82	542262	81.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	147388	103.22	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	891896	85.32	ng	-0.01
78) Terphenyl-d14	12.95	244	518494	63.24	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.49	94	57050	6.185	ng	95
49) Dimethylphthalate	9.59	163	307630	23.357	ng	100
70) Phenanthrene	11.39	178	153086	11.200	ng	98
71) Anthracene	11.45	178	36413	2.604	ng	99
74) Fluoranthene	12.58	202	124991	9.030	ng	99
77) Pyrene	12.82	202	110589	7.778	ng	97
80) Benzo(a)anthracene	14.00	228	55752	4.938	ng	96
82) Chrysene	14.04	228	49322	4.589	ng	97
85) Indeno(1,2,3-cd)pyrene	16.96	276	29410	3.420	ng	97
87) Benzo(b)fluoranthene	15.05	252	60460m	4.690	ng	
88) Benzo(k)fluoranthene	15.08	252	25789m	2.025	ng	
89) Benzo(a)pyrene	15.42	252	49545	4.187	ng	# 96
91) Benzo(a,h,i)perylene	17.42	276	27096	2.894	ng	92

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

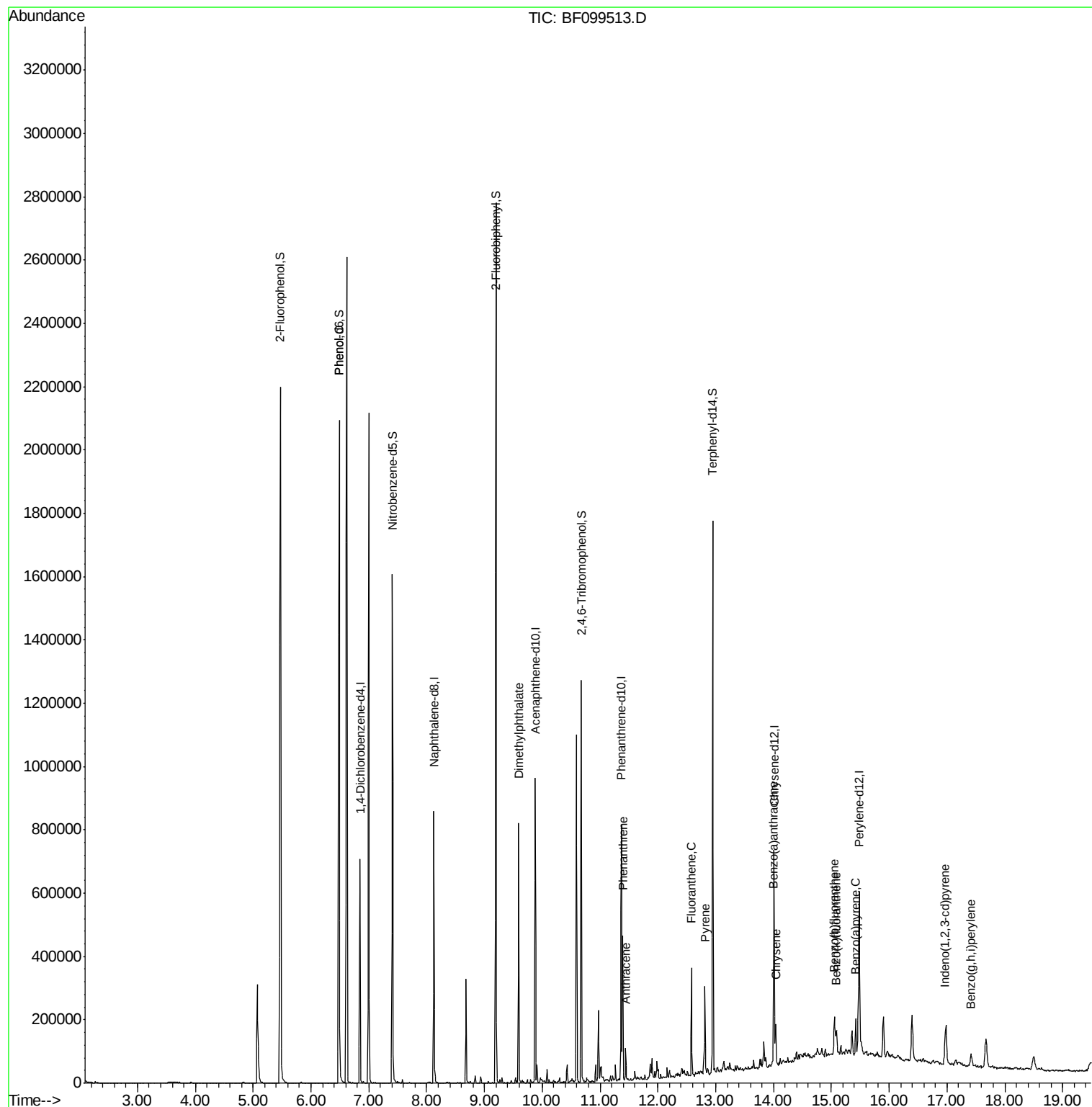
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Data File : BF099513.D
Acq On : 15 Oct 2017 14:57
Operator : SJ/JU
Sample : I5752-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

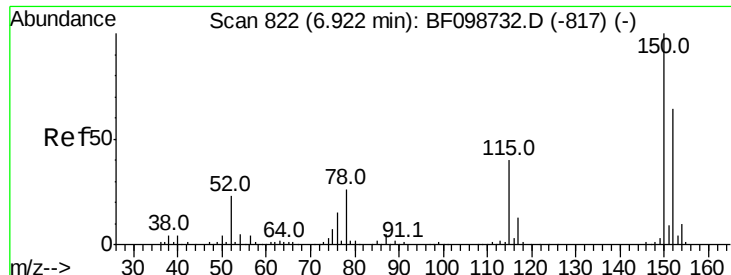
Instrument :
BNA_F
ClientSampleId :
ENV-118-7(0-5)

Manual Integrations
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Quant Time: Oct 16 01:55:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

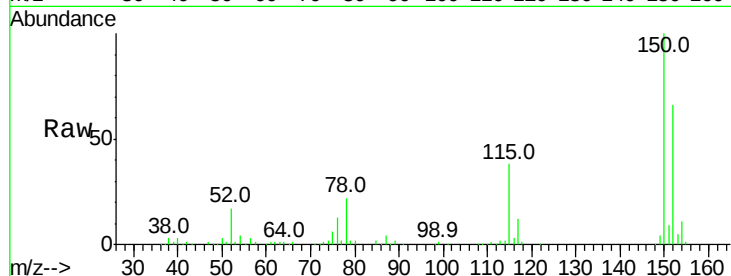
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099513.D
Acq: 15 Oct 2017 14:57

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	124.6	186.8
115	57.4	50.1	75.1

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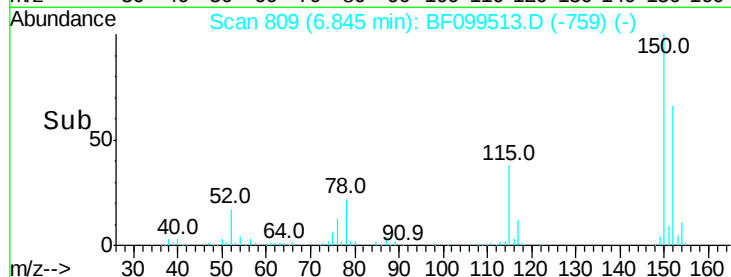
Abundance

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

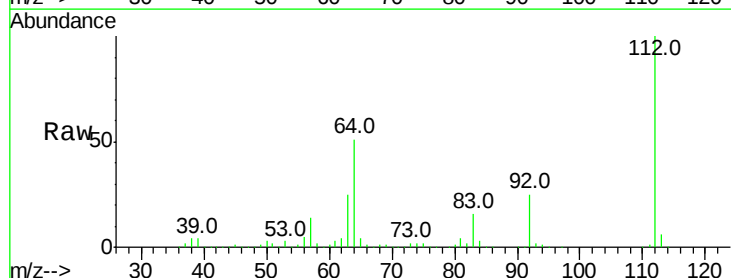
Time-->



#5

2-Fluorophenol
Concen: 114.812 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099513.D
Acq: 15 Oct 2017 14:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.3	47.9	71.9
63	25.3	23.7	35.5



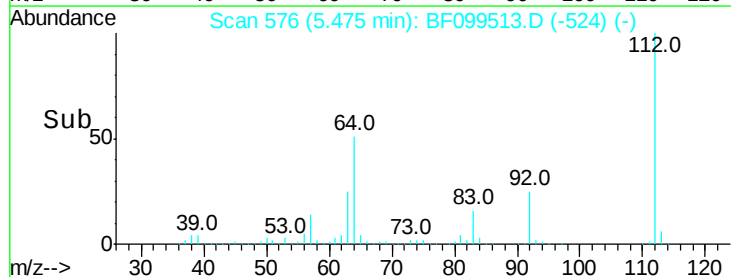
Abundance

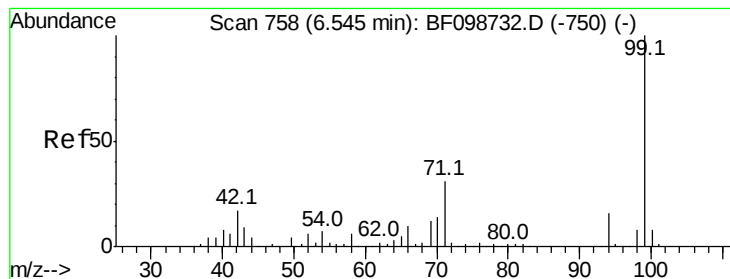
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->





#7

Phenol-d6

Concen: 111.148 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099513.D

Acq: 15 Oct 2017 14:57

Instrument :

BNA_F

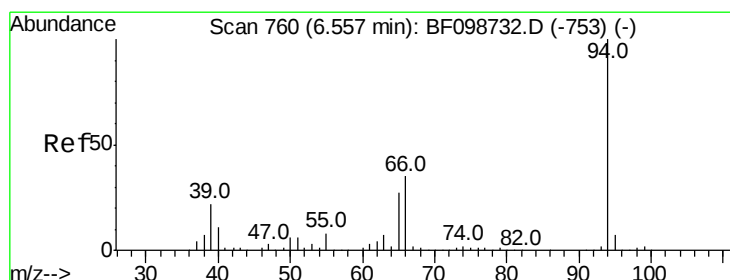
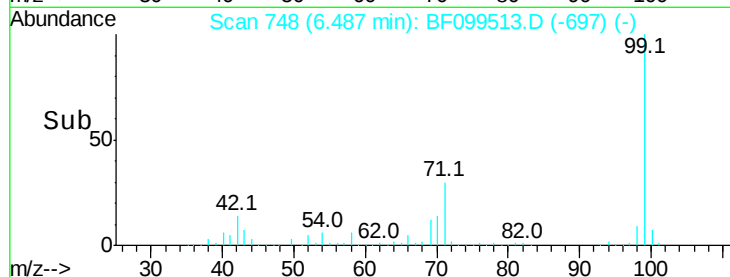
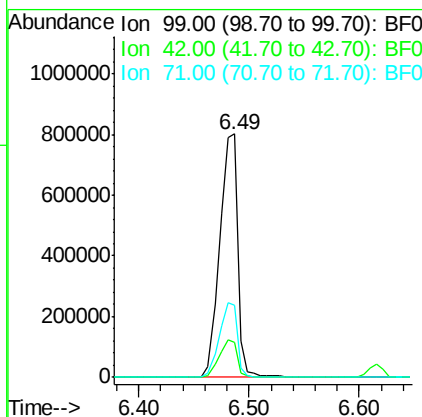
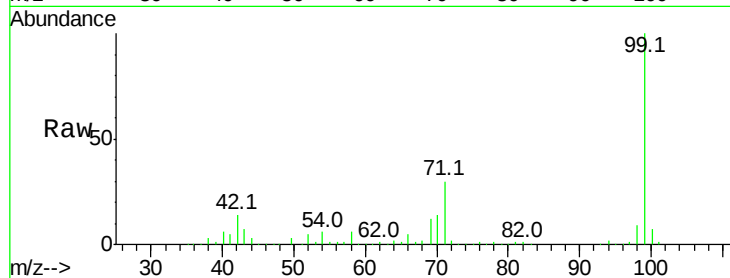
ClientSampleId :

ENV-118-7(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
99	100	916728		
42	14.3		14.5	21.7#
71	29.8		25.4	38.0

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#10

Phenol

Concen: 6.185 ng

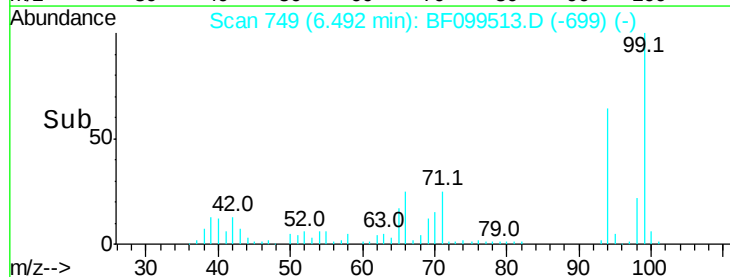
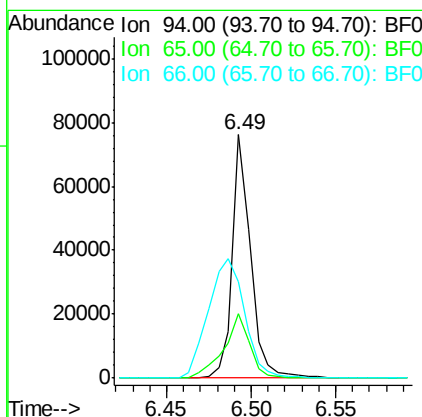
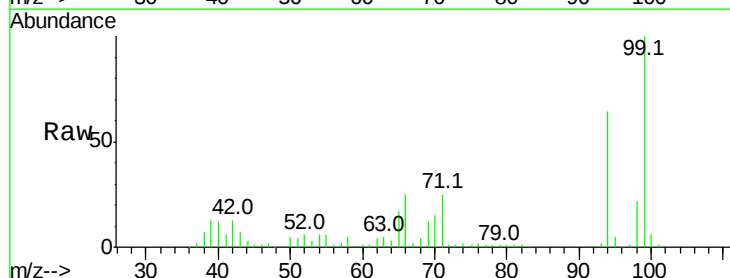
RT: 6.49 min Scan# 749

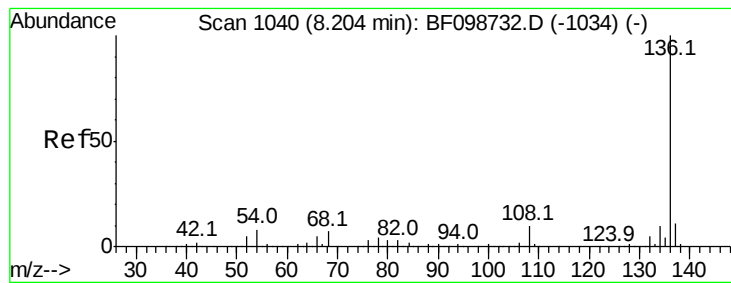
Delta R.T. -0.01 min

Lab File: BF099513.D

Acq: 15 Oct 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	57050		
65	26.2		7.9	47.9
66	39.6		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: BF099513.D

Acq: 15 Oct 2017 14:57

Instrument :

BNA_F

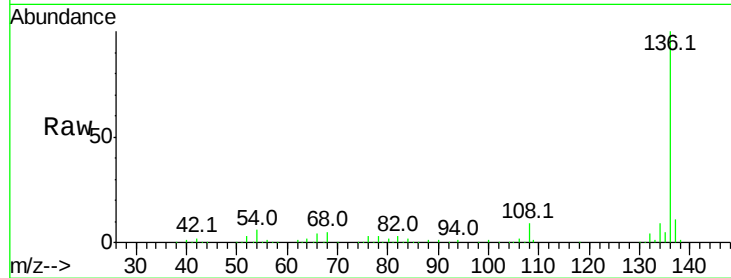
ClientSampleId :

ENV-118-7(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	428668		
137	10.8	8.9	13.3	
54	6.1	6.6	9.8	
68	5.3	5.0	7.4	

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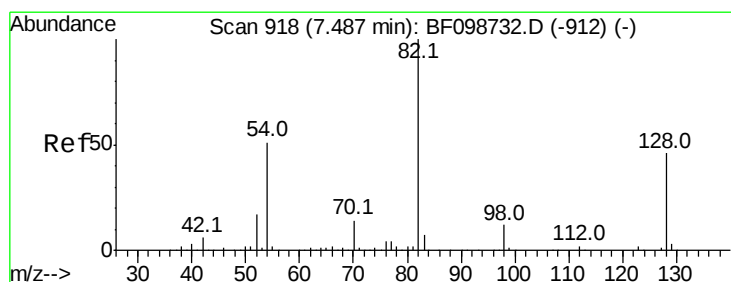
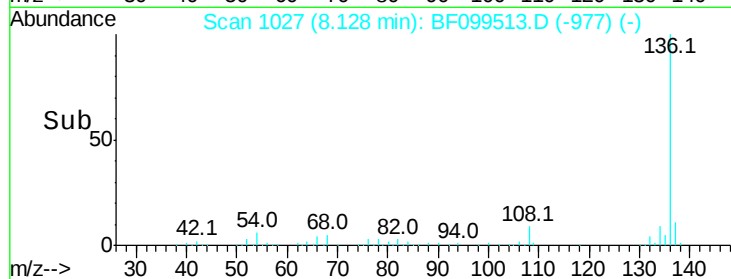
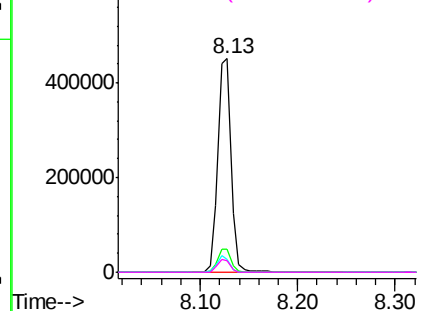


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.124 ng

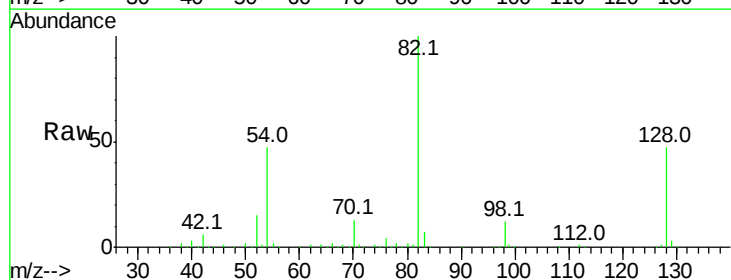
RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF099513.D

Acq: 15 Oct 2017 14:57

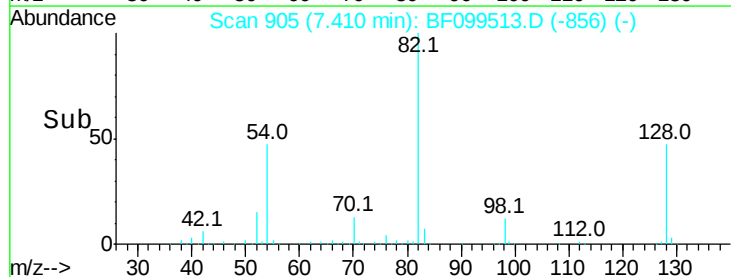
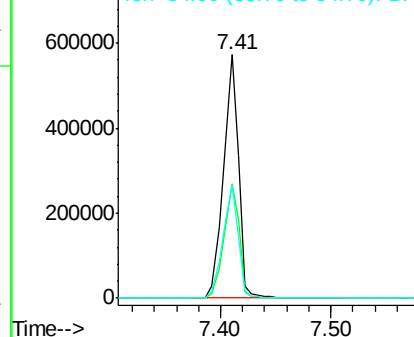
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	542262		
128	46.9	36.1	54.1	
54	46.7	41.4	62.2	

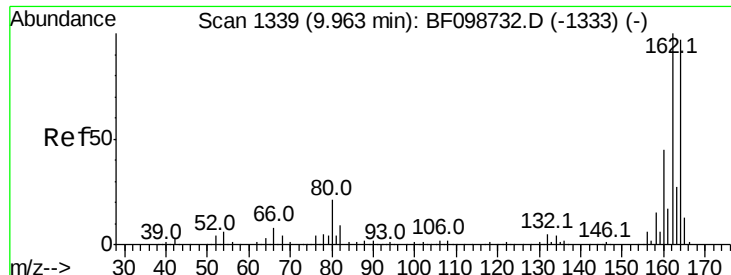


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





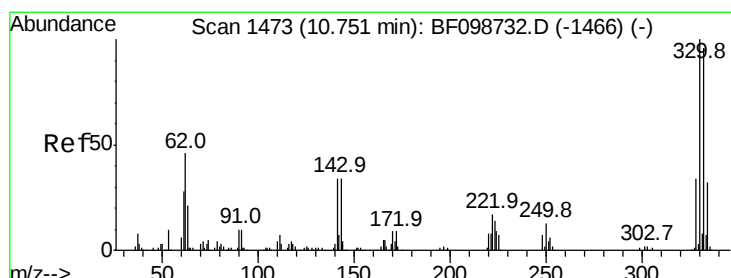
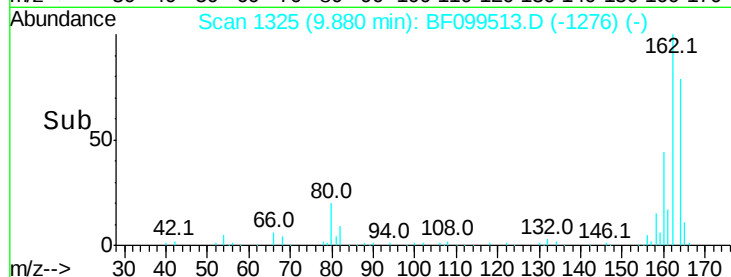
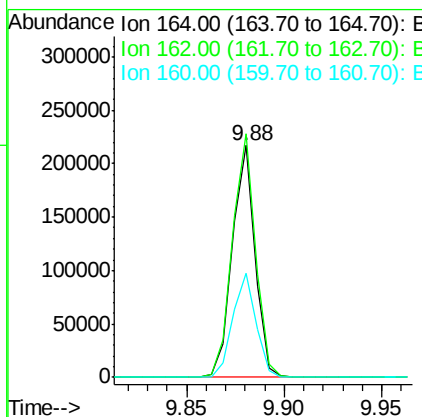
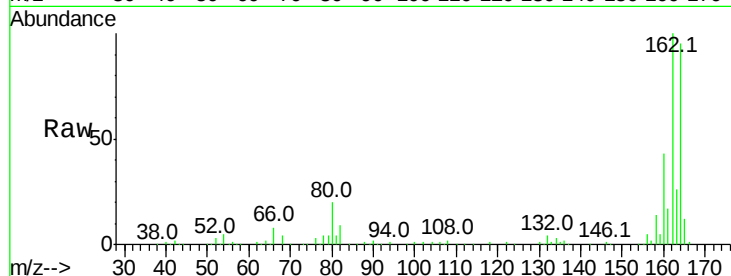
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099513.D
Acq: 15 Oct 2017 14:57

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(0-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	45.1	38.3	57.5

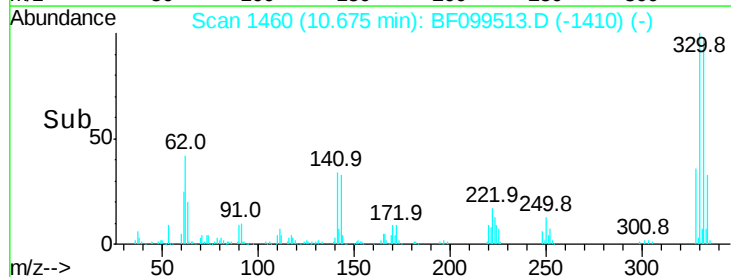
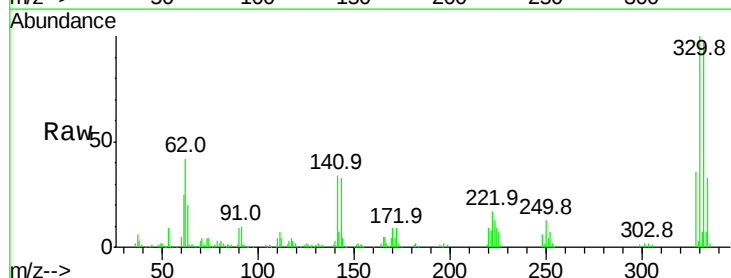
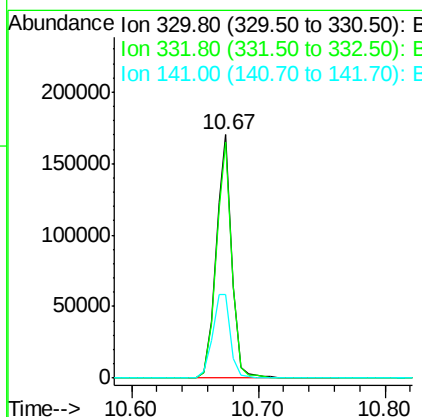
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#41
2,4,6-Tribromophenol
Concen: 103.218 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099513.D
Acq: 15 Oct 2017 14:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	39.9	29.9	44.9





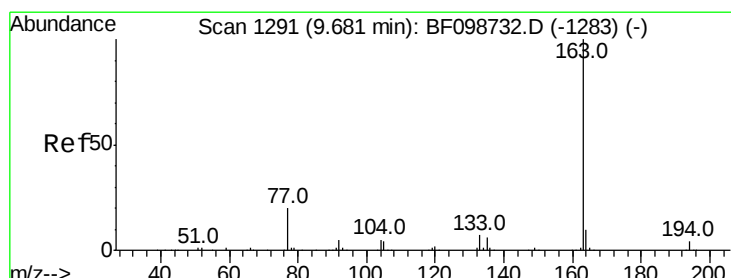
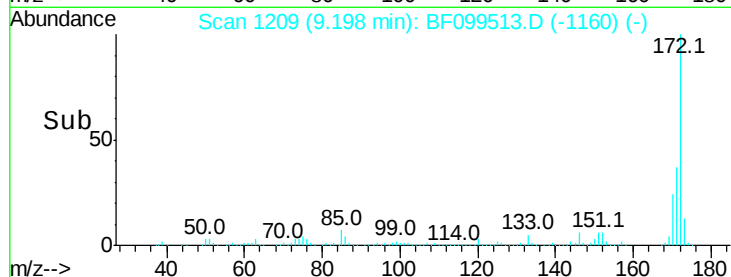
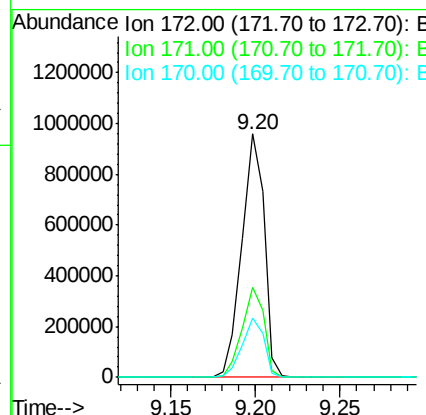
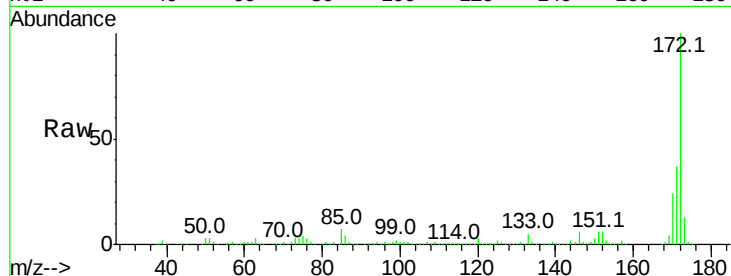
#44
2-Fluorobiphenyl
Concen: 85.323 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099513.D
Acq: 15 Oct 2017 14:57

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	891896		
171	36.9		29.7	44.5
170	24.3		19.6	29.4

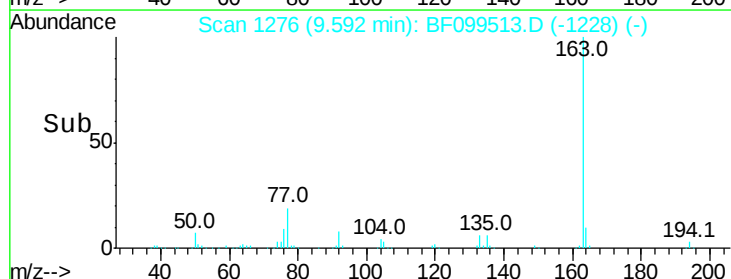
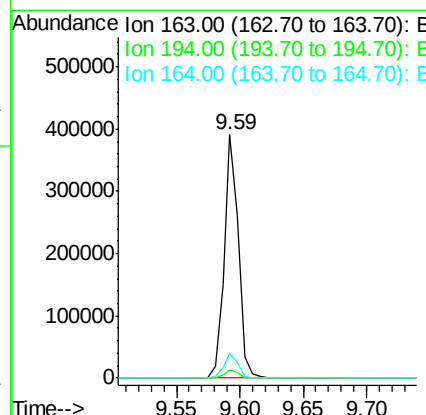
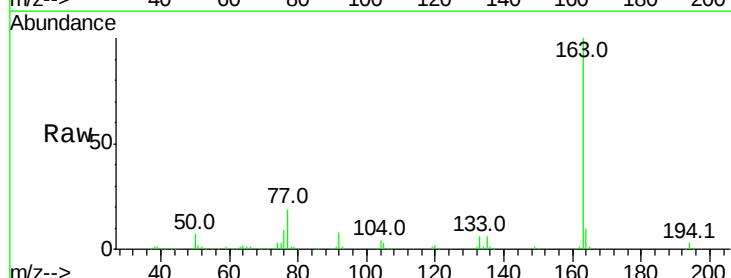
Manual Integrations
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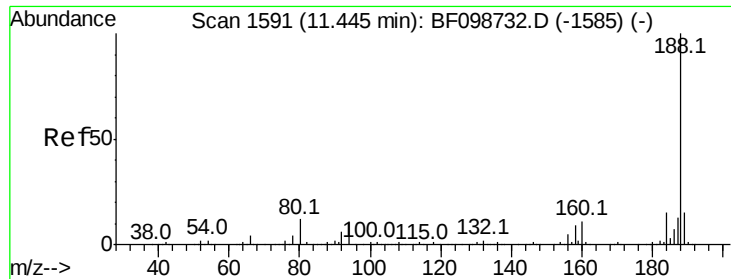
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#49
Dimethylphthalate
Concen: 23.357 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099513.D
Acq: 15 Oct 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	307630		
194	3.4		2.7	4.1
164	10.2		8.2	12.2





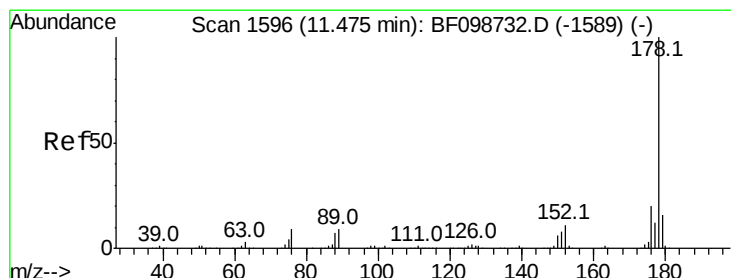
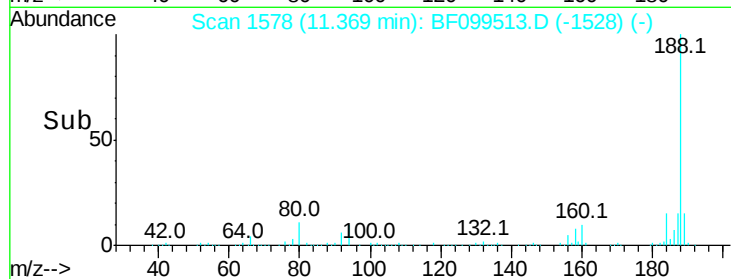
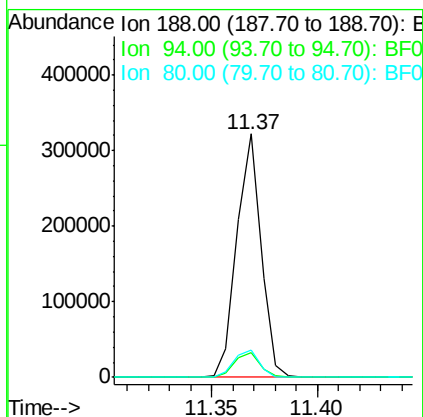
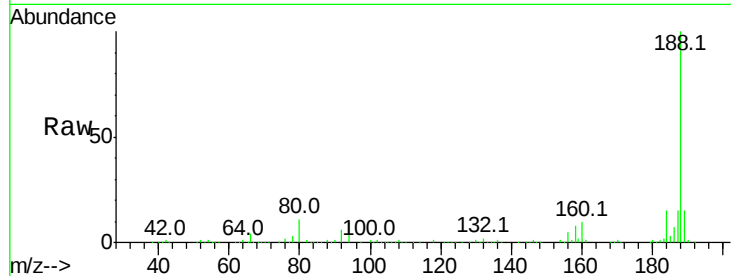
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099513.D
Acq: 15 Oct 2017 14:57

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	255365		
94	10.2		8.5	12.7
80	11.3		9.2	13.8

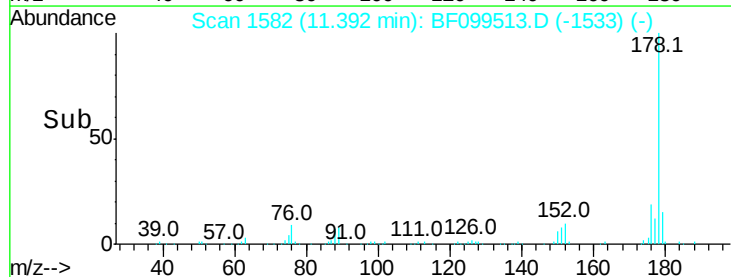
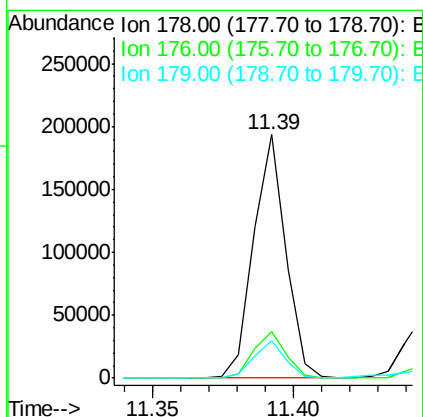
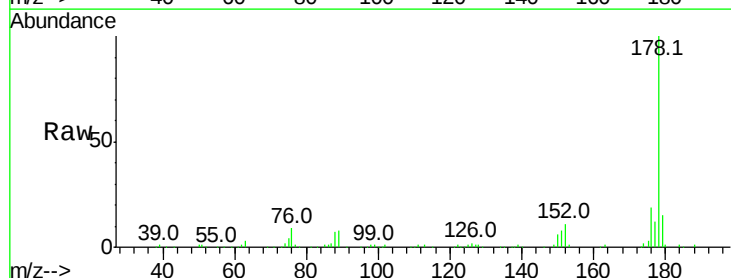
Manual Integrations
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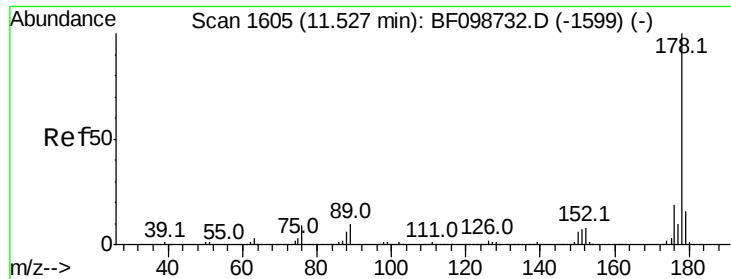
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#70
Phenanthrene
Concen: 11.200 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF099513.D
Acq: 15 Oct 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	153086		
176	19.0		15.8	23.8
179	15.5		13.0	19.6





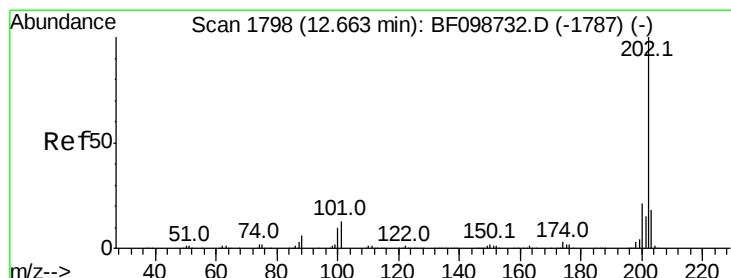
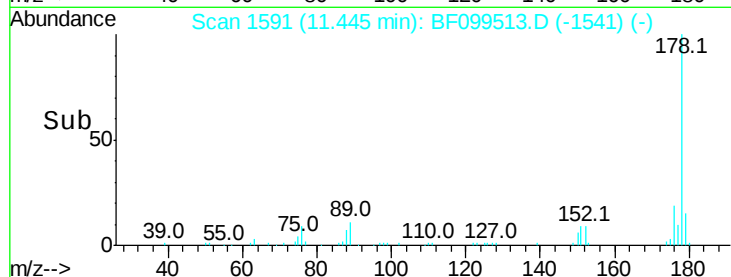
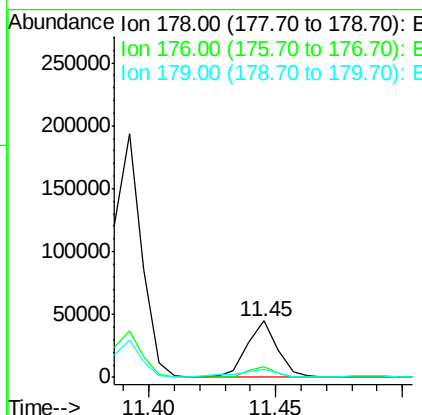
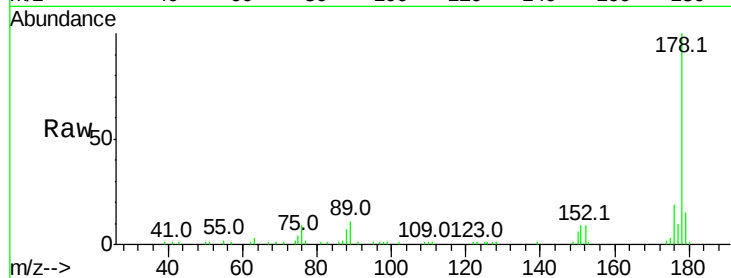
#71
 Anthracene
 Concen: 2.604 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF099513.D
 Acq: 15 Oct 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-7(0-5)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.4	12.6	19.0

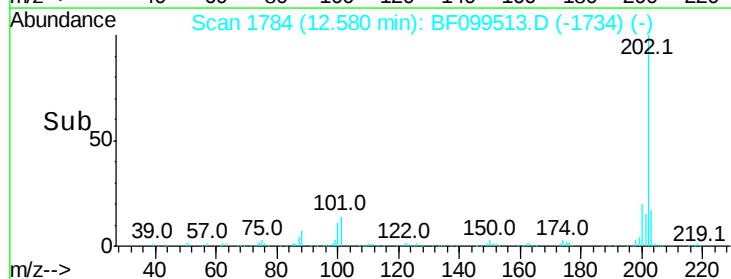
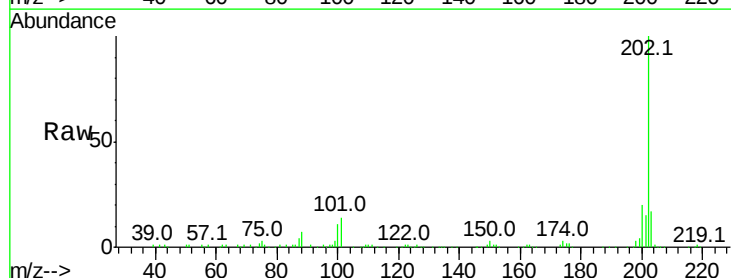
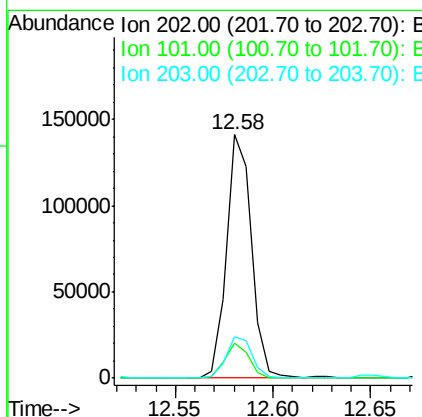
Manual Integrations
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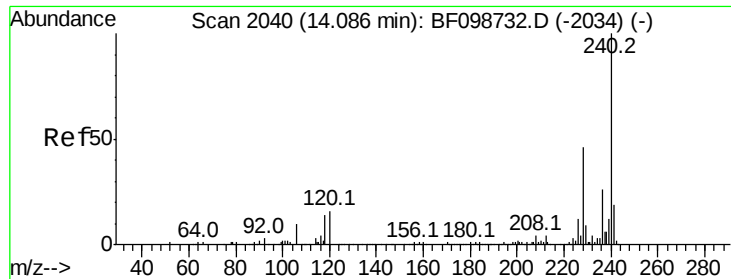
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#74
 Fluoranthene
 Concen: 9.030 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF099513.D
 Acq: 15 Oct 2017 14:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.1
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099513.D

Acq: 15 Oct 2017 14:57

Instrument :

BNA_F

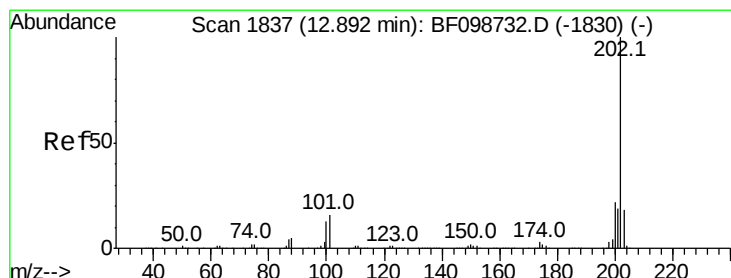
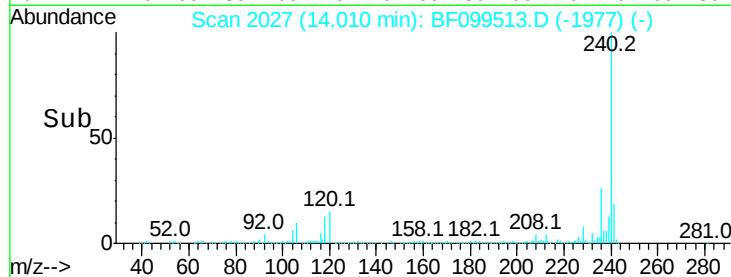
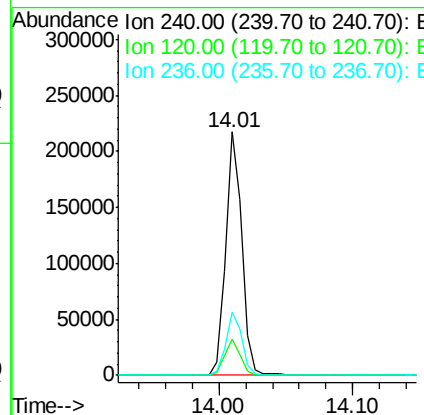
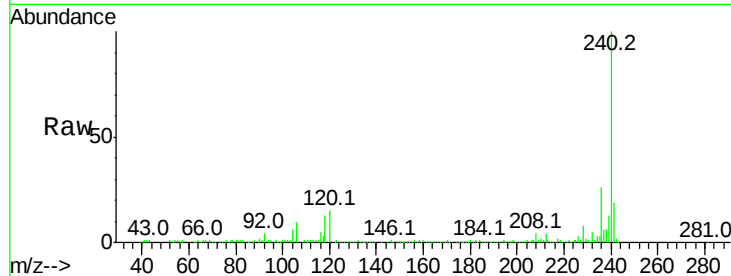
ClientSampleId :

ENV-118-7(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.0	9.5	14.3	
236	26.0	20.7	31.1	

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#77

Pyrene

Concen: 7.778 ng

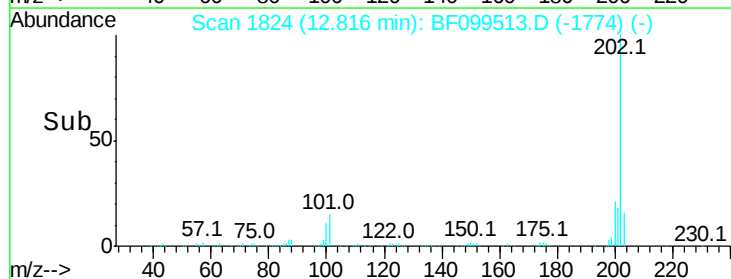
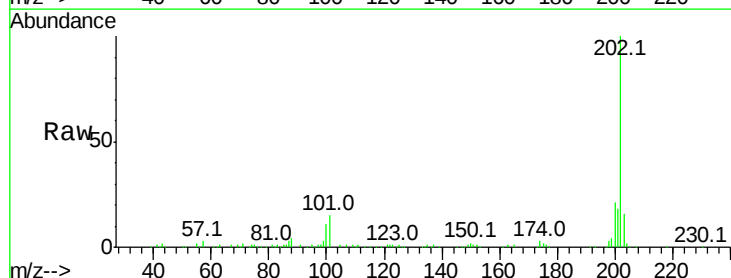
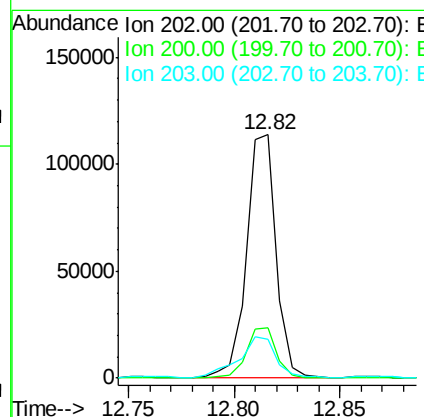
RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF099513.D

Acq: 15 Oct 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.7	17.4	26.2	
203	16.0	14.3	21.5	





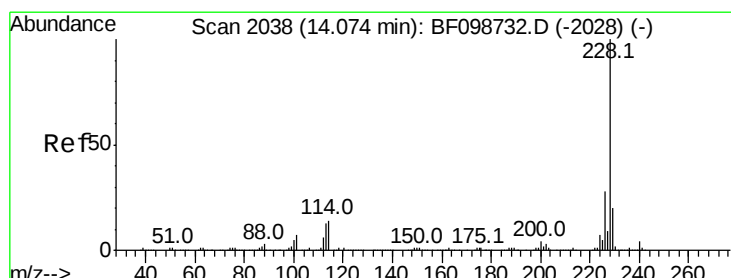
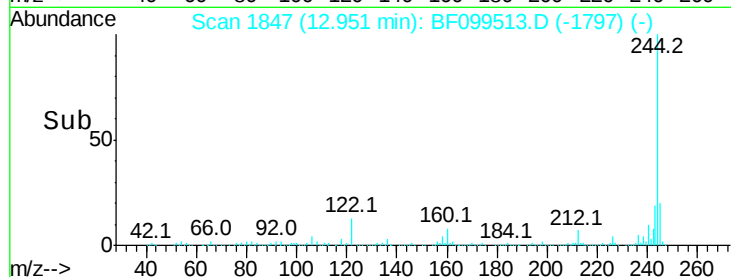
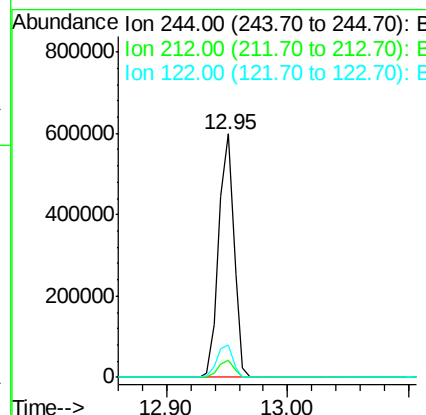
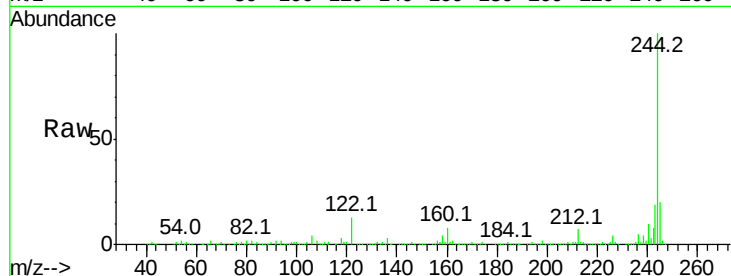
#78
 Terphenyl-d14
 Concen: 63.241 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099513.D
 Acq: 15 Oct 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-7(0-5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.3	11.0	16.4

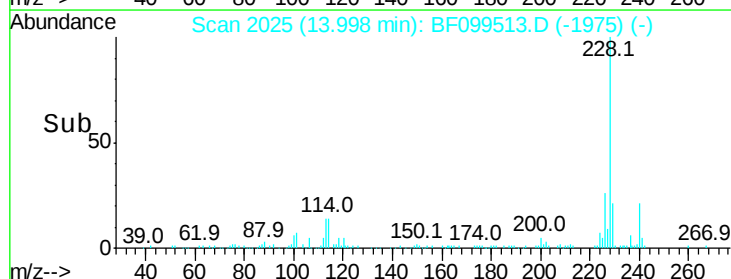
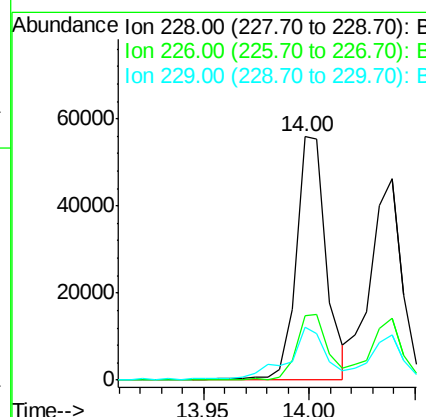
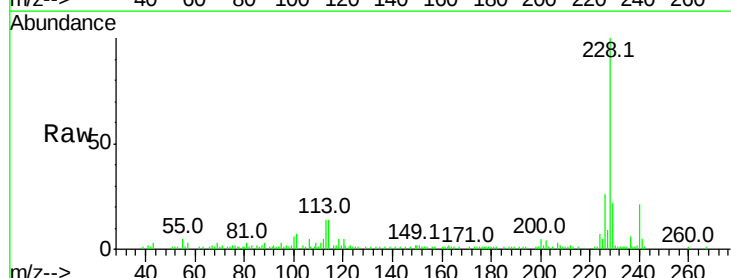
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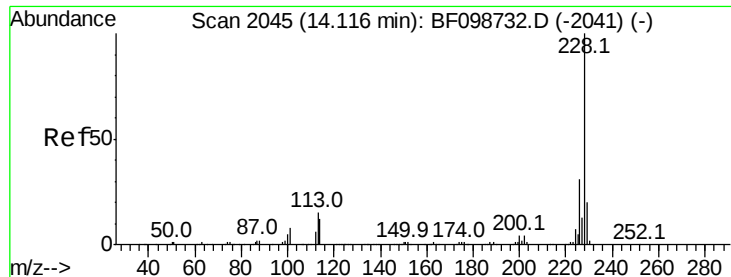
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#80
 Benzo(a)anthracene
 Concen: 4.938 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF099513.D
 Acq: 15 Oct 2017 14:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.6	33.8
229	21.6	15.8	23.6





#82

Chrysene

Concen: 4.589 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF099513.D

Acq: 15 Oct 2017 14:57

Instrument :

BNA_F

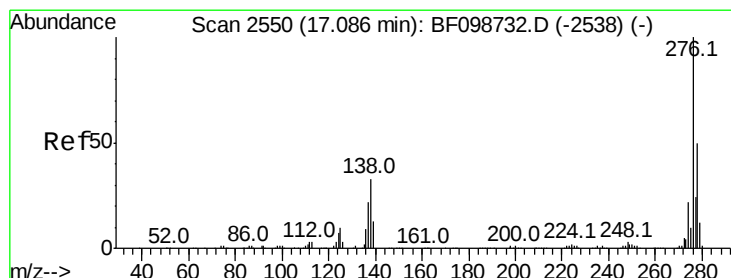
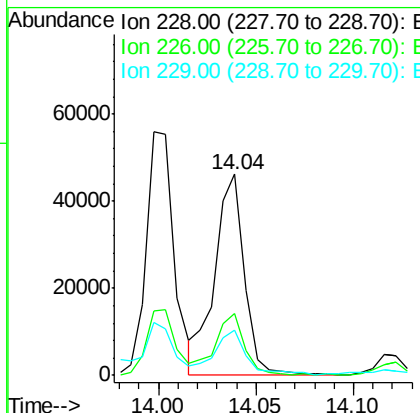
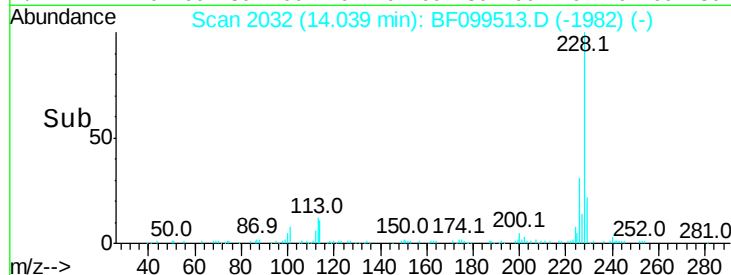
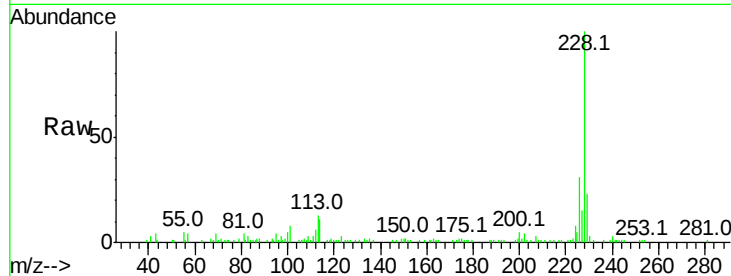
ClientSampleId :

ENV-118-7(0-5)

Tot Ion:	228	Resp:	49322
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.6
229	22.7	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.420 ng

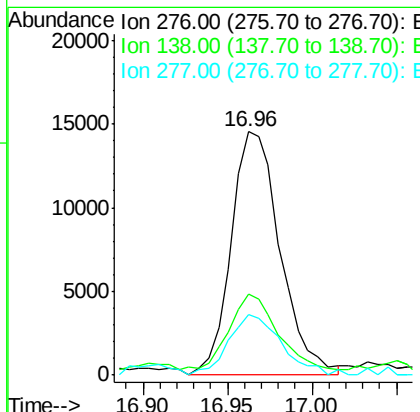
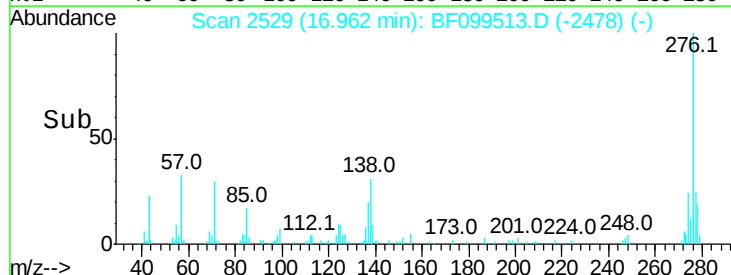
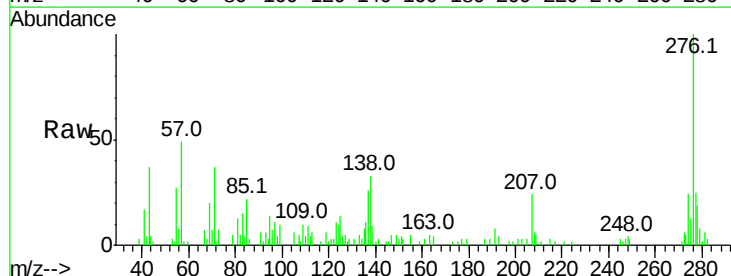
RT: 16.96 min Scan# 2529

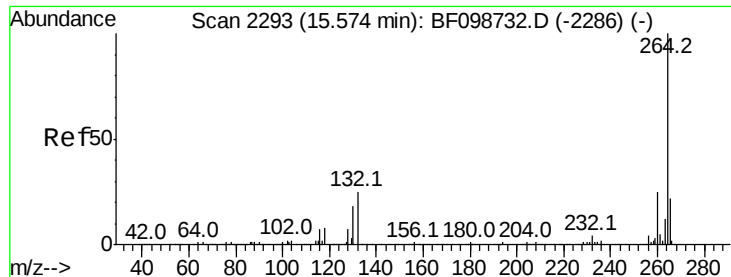
Delta R.T. 0.00 min

Lab File: BF099513.D

Acq: 15 Oct 2017 14:57

Tgt Ion:	276	Resp:	29410
Ion Ratio	Lower	Upper	
276	100		
138	32.4	25.0	37.6
277	26.7	20.1	30.1





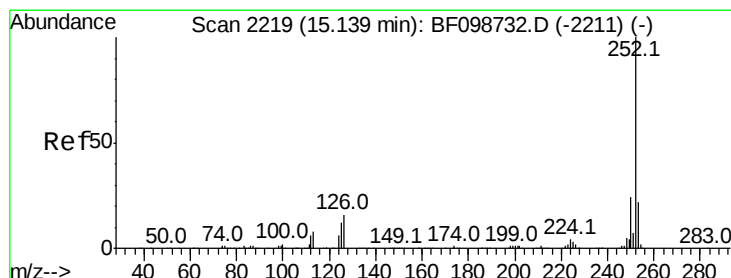
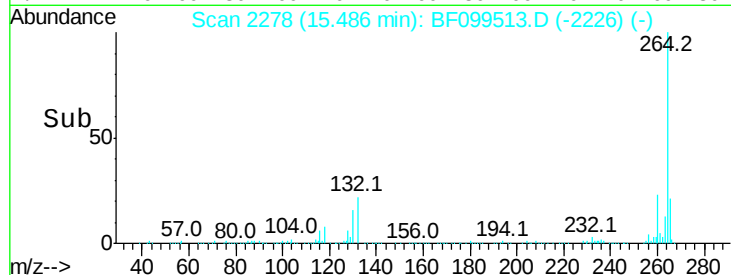
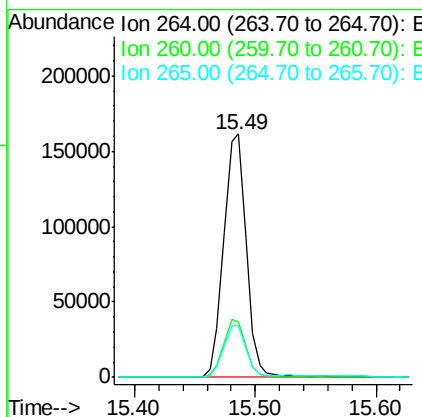
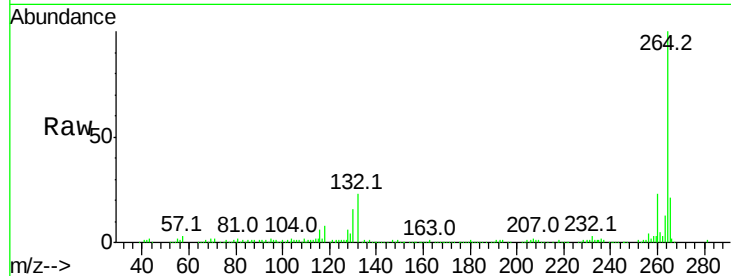
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099513.D
Acq: 15 Oct 2017 14:57

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.1	17.5	26.3

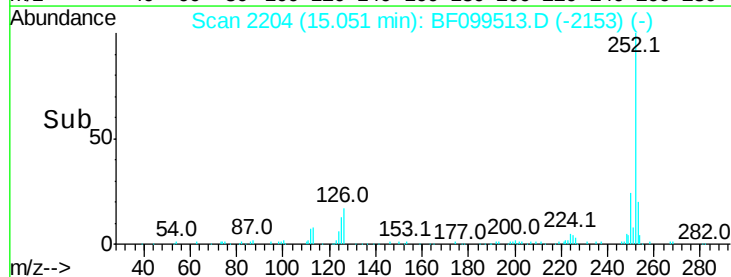
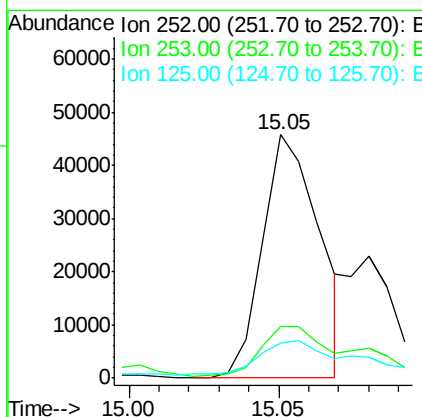
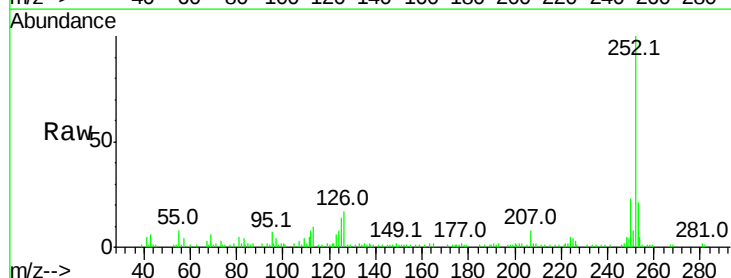
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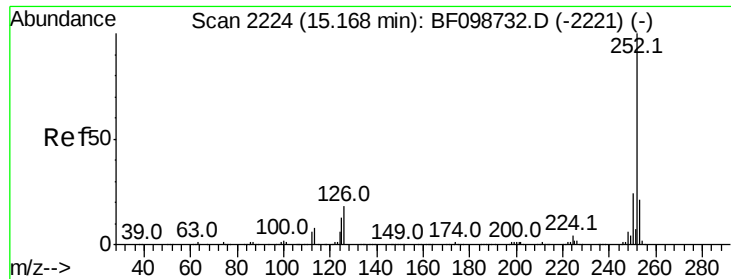
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#87
Benzo(b)fluoranthene
Concen: 4.690 ng m
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF099513.D
Acq: 15 Oct 2017 14:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	14.4	9.0	13.6#





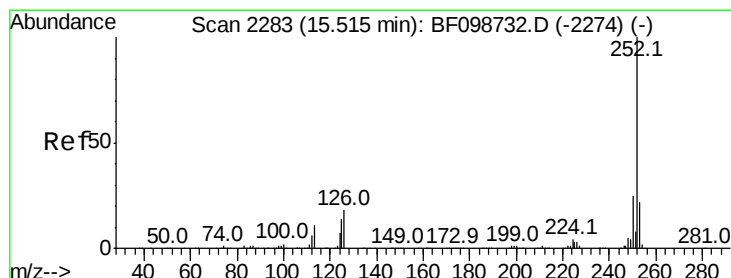
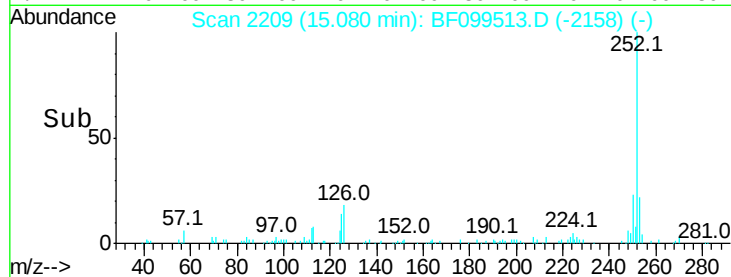
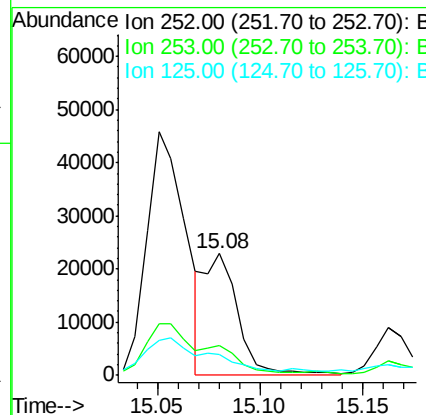
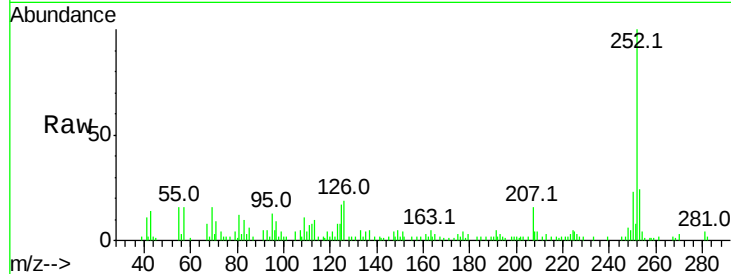
#88
Benzo(k)fluoranthene
Concen: 2.025 ng m
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF099513.D
Acq: 15 Oct 2017 14:57

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(0-5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	17.2	10.2	15.2

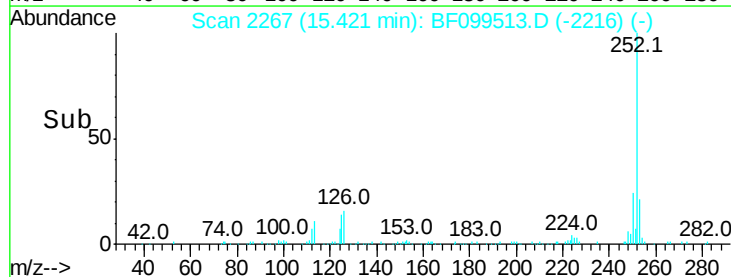
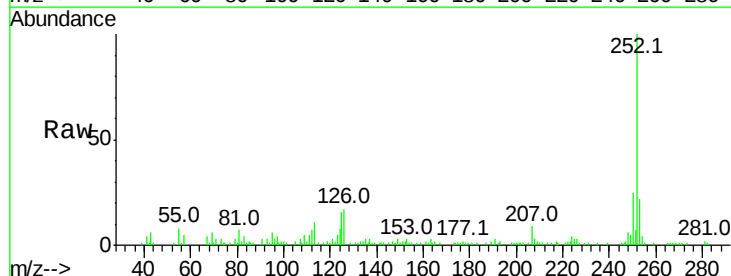
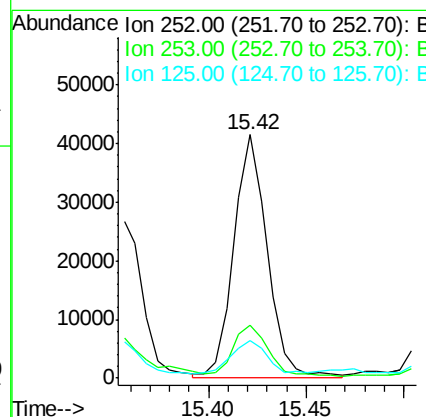
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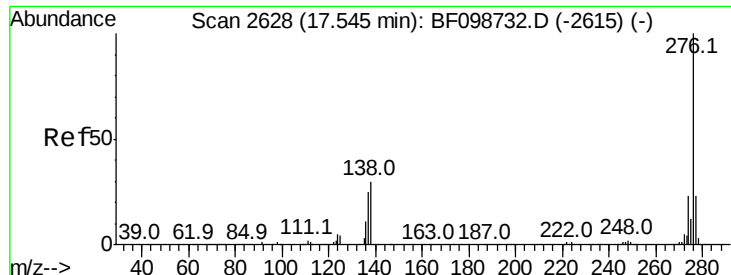
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#89
Benzo(a)pyrene
Concen: 4.187 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF099513.D
Acq: 15 Oct 2017 14:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	15.6	9.8	14.6





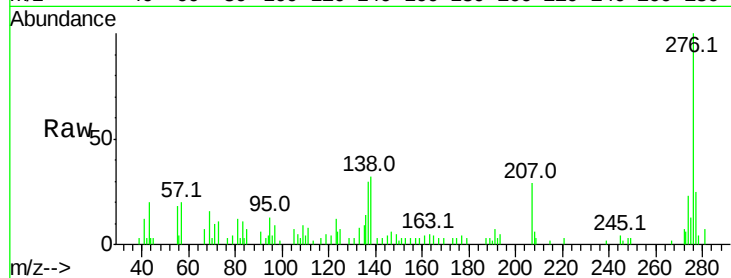
#91
 Benzo(a,h,i)perylene
 Concen: 2.894 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. 0.01 min
 Lab File: BF099513.D
 Acq: 15 Oct 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-7(0-5)

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	32.4	21.8	32.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

