

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099315.D
 Acq On : 10 Oct 2017 22:19
 Operator : SJ/JU
 Sample : I5691-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-117-1(5-10)

Manual Integrations
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Sohil
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Quant Time: Oct 11 01:48:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	97951	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	373678	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	141417	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	207671	20.00	ng	0.00
75) Chrysene-d12	14.03	240	198613	20.00	ng	0.00
86) Perylene-d12	15.50	264	162044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	648810	105.44	ng	0.01
7) Phenol-d6	6.50	99	747208	98.44	ng	0.00
23) Nitrobenzene-d5	7.43	82	437833	75.14	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	112256	97.01	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	773266	91.28	ng	0.00
78) Terphenyl-d14	12.97	244	519653	59.50	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	111815	10.476	ng	Qvalue 100
70) Phenanthrene	11.41	178	27554	2.479	ng	96
74) Fluoranthene	12.60	202	41696	3.704	ng	98
77) Pyrene	12.83	202	41530	2.742	ng	97
87) Benzo(b)fluoranthene	15.07	252	21376m	2.146	ng	

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

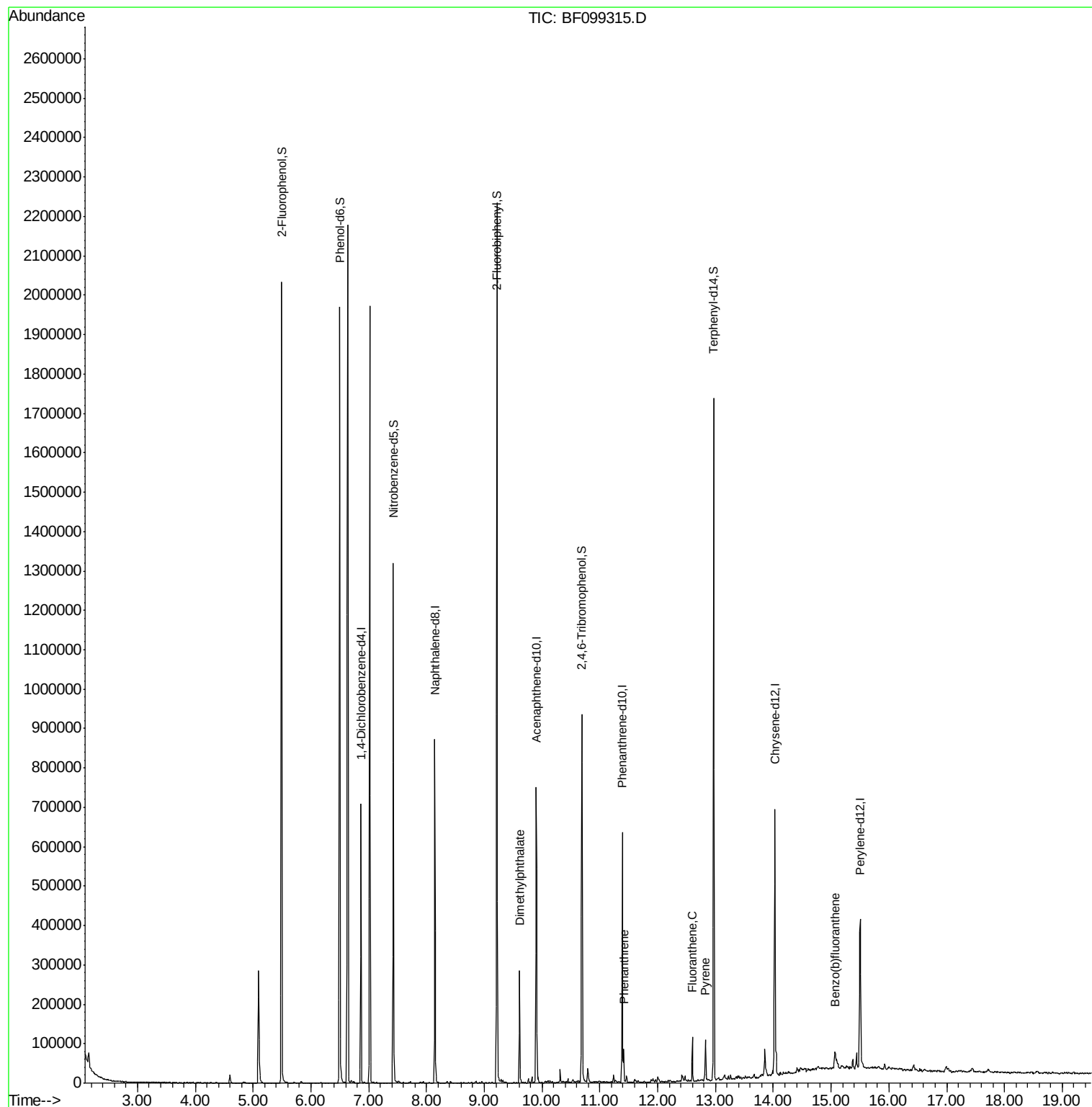
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

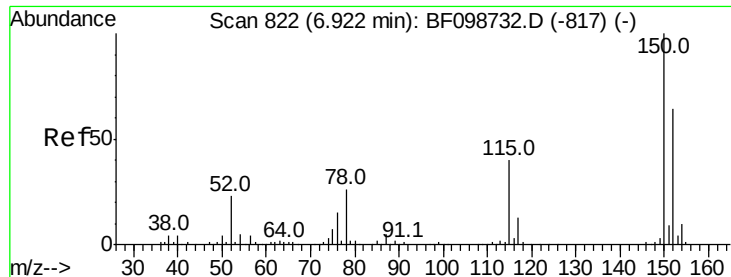
Instrument :
BNA_F
ClientSampleId :
ENV-117-1(5-10)

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Quant Time: Oct 11 01:48:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
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#1

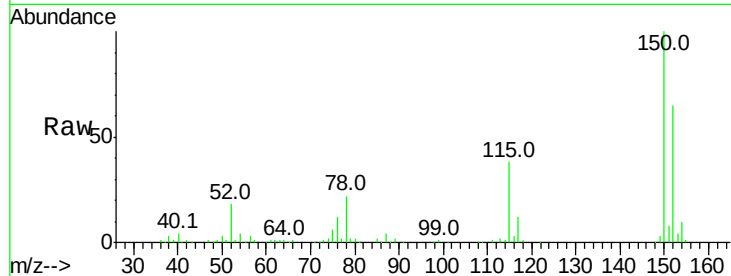
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099315.D
Acq: 10 Oct 2017 22:19

Instrument :
BNA_F
ClientSampleId :
ENV-117-1(5-10)

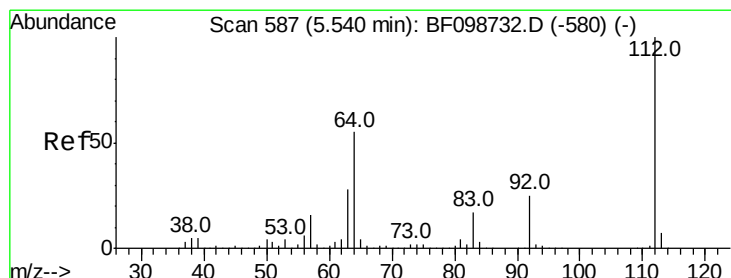
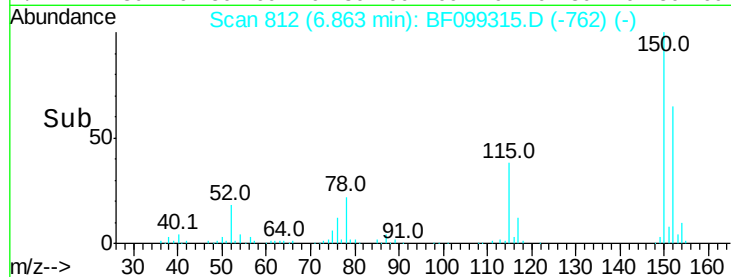
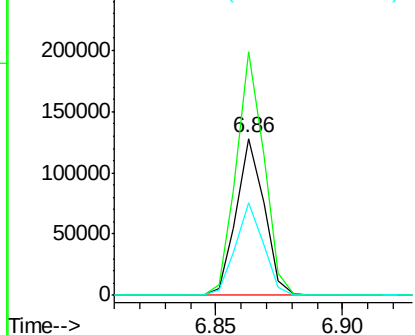
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	58.7	50.1	75.1

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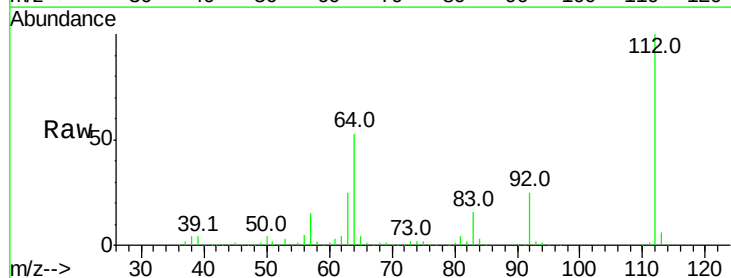
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



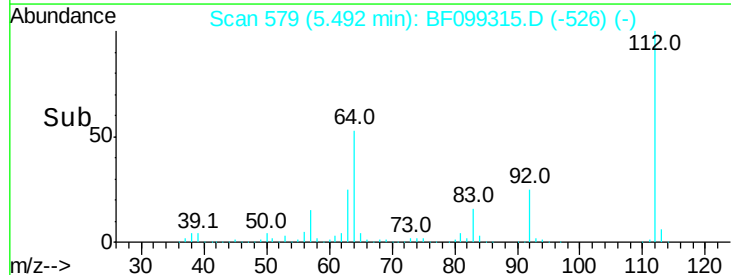
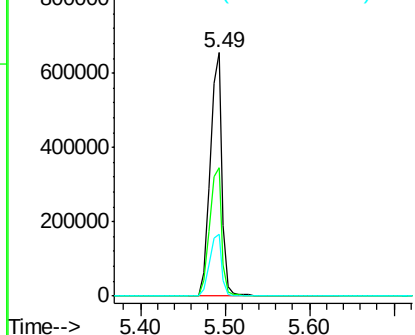
#5

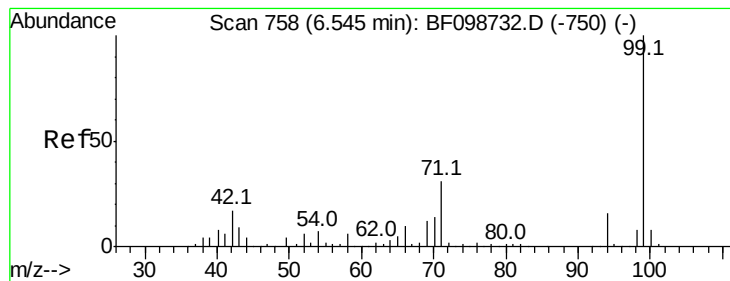
2-Fluorophenol
Concen: 105.445 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099315.D
Acq: 10 Oct 2017 22:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	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: 98.440 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099315.D

Acq: 10 Oct 2017 22:19

Instrument :

BNA_F

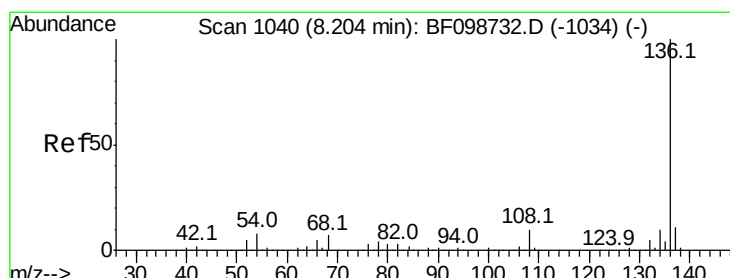
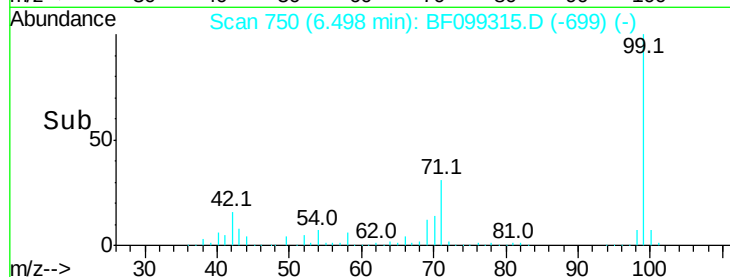
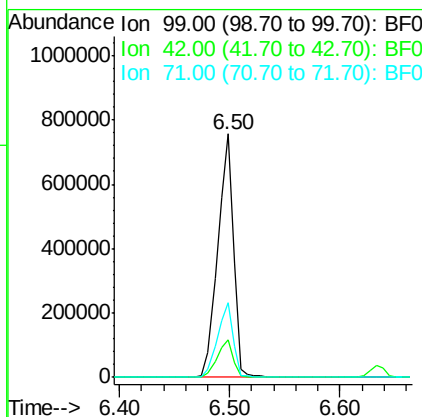
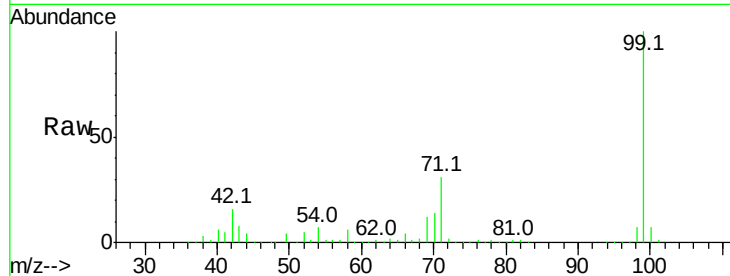
ClientSampled :

ENV-117-1(5-10)

Tot Ion:	99	Resp:	747208
Ion Ratio	Lower	Upper	
99	100		
42	15.7	14.5	21.7
71	30.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

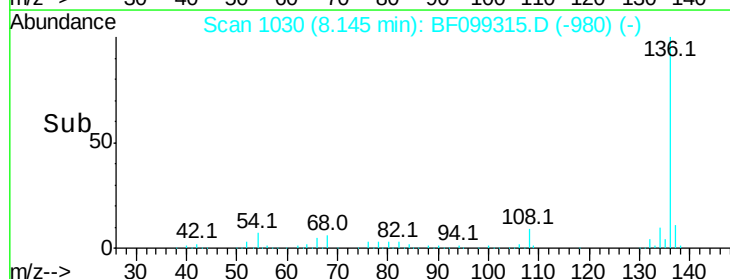
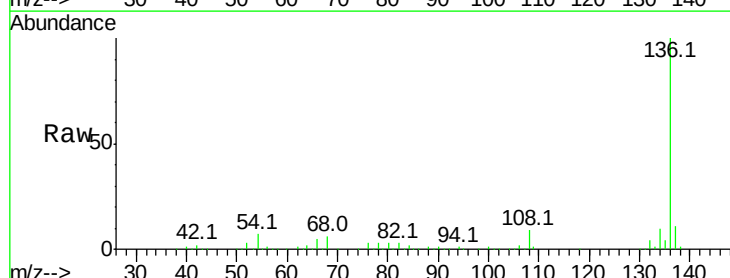
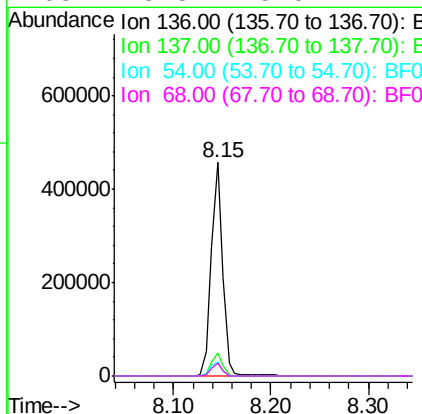
RT: 8.15 min Scan# 1030

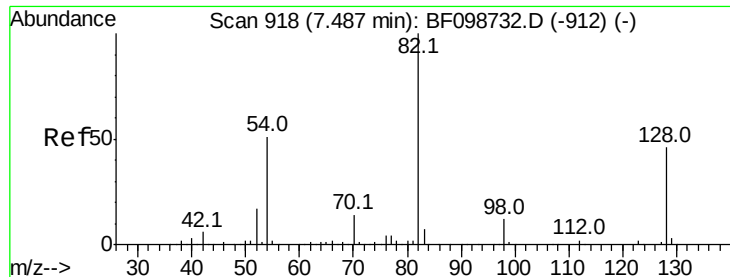
Delta R.T. -0.01 min

Lab File: BF099315.D

Acq: 10 Oct 2017 22:19

Tgt Ion:	136	Resp:	373678
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	6.7	6.6	9.8
68	5.8	5.0	7.4





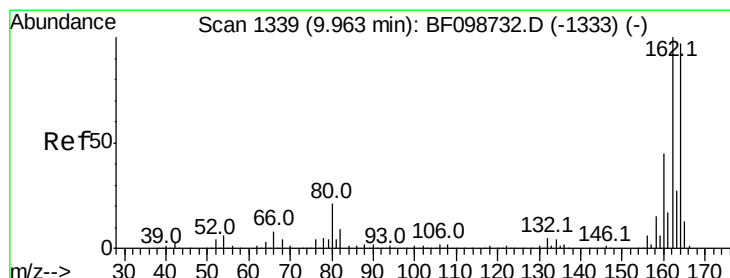
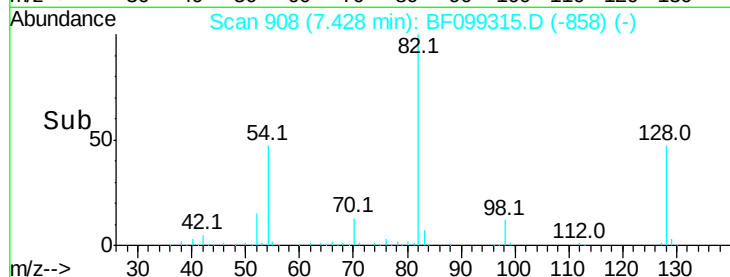
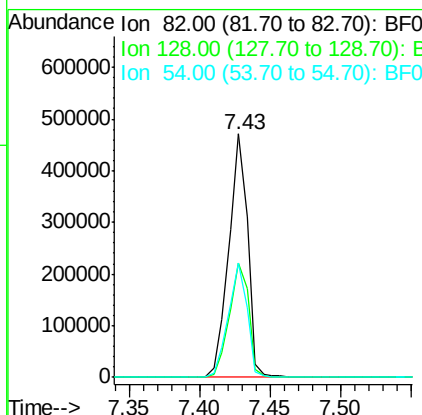
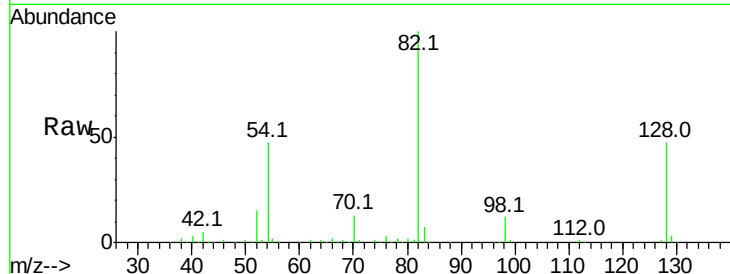
#23
 Nitrobenzene-d5
 Concen: 75.140 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099315.D
 Acq: 10 Oct 2017 22:19

Instrument :
 BNA_F
 ClientSampleId :
 ENV-117-1(5-10)

Tot Ion	82	128	54
Ion Ratio	100	47.0	46.9
Resp: Lower		36.1	41.4
Upper		54.1	62.2

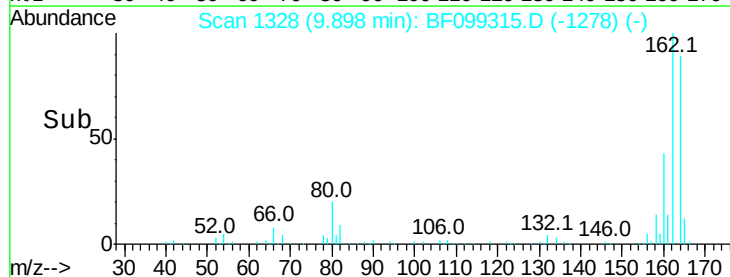
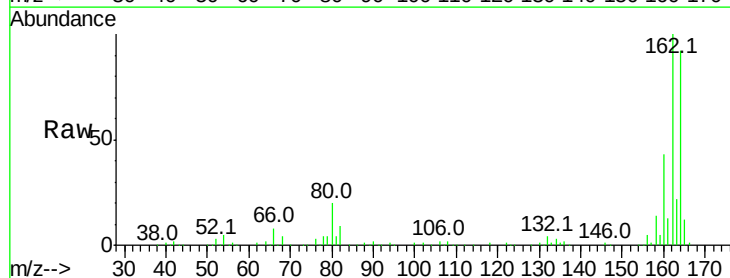
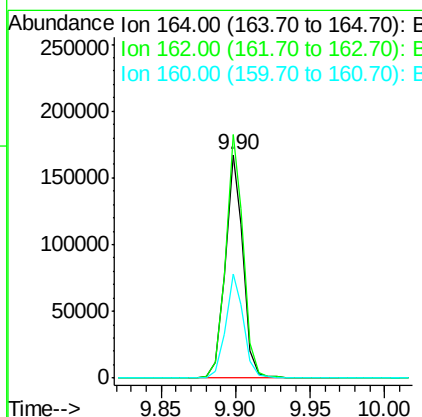
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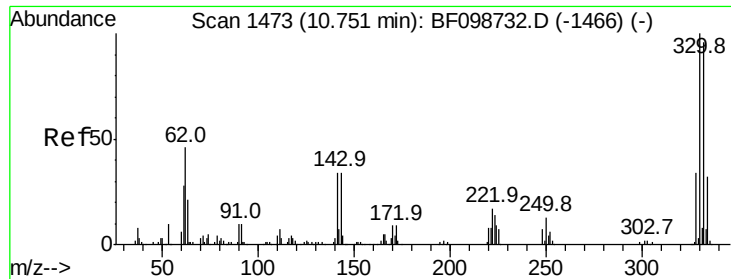
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099315.D
 Acq: 10 Oct 2017 22:19

Tgt Ion	164	162	160
Ion Ratio	100	108.9	46.3
Resp: Lower		86.1	38.3
Upper		129.1	57.5





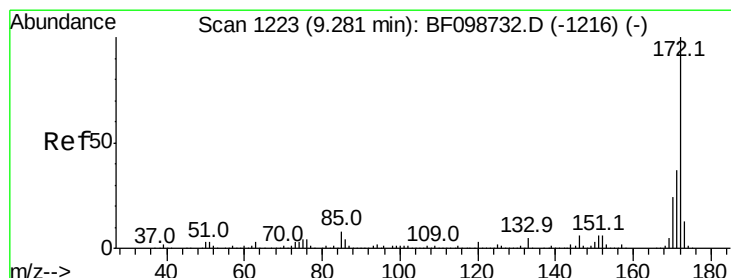
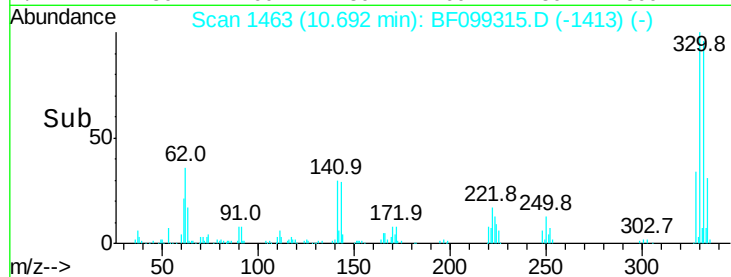
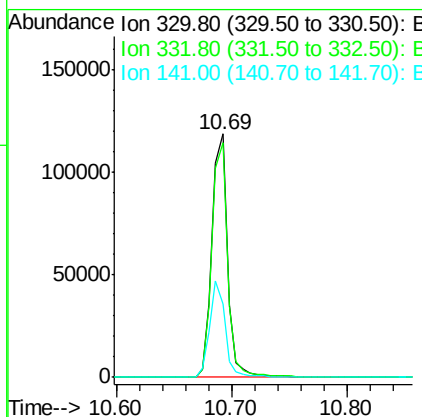
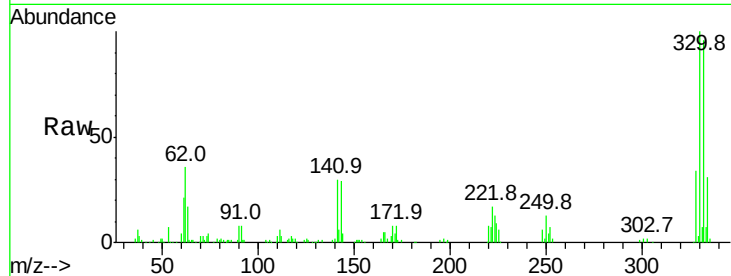
#41
 2,4,6-Tribromophenol
 Concen: 97.009 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099315.D
 Acq: 10 Oct 2017 22:19

Instrument :
 BNA_F
 ClientSampleId :
 ENV-117-1(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	112256		
332	97.2	77.0	115.6	
141	38.9	29.9	44.9	

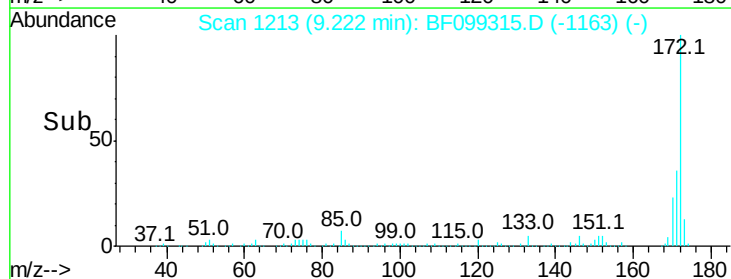
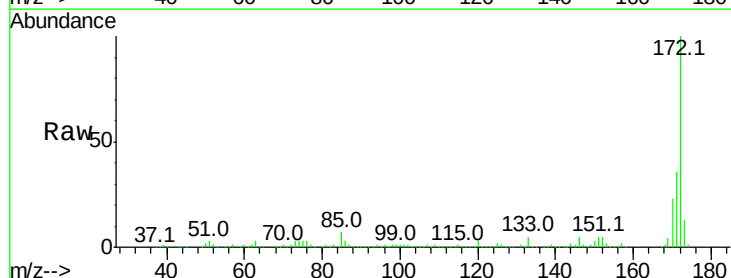
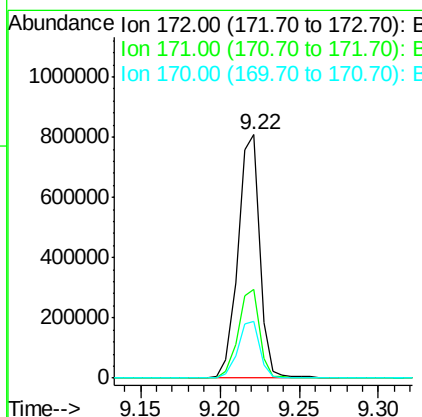
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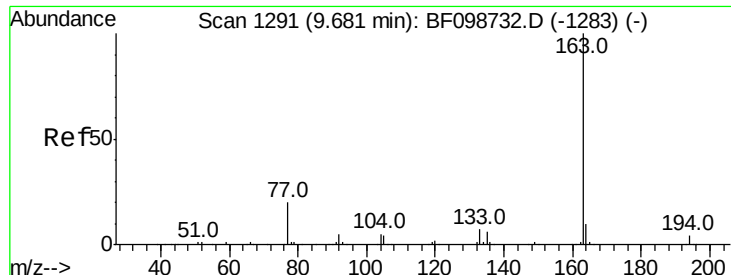
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#44
 2-Fluorobiphenyl
 Concen: 91.283 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099315.D
 Acq: 10 Oct 2017 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	773266		
171	36.4	29.7	44.5	
170	23.3	19.6	29.4	





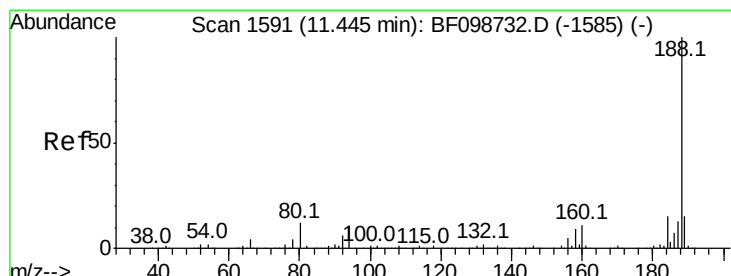
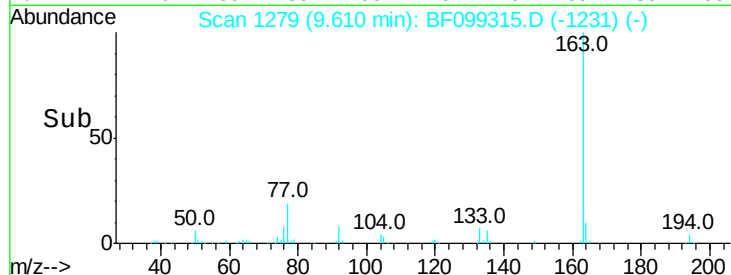
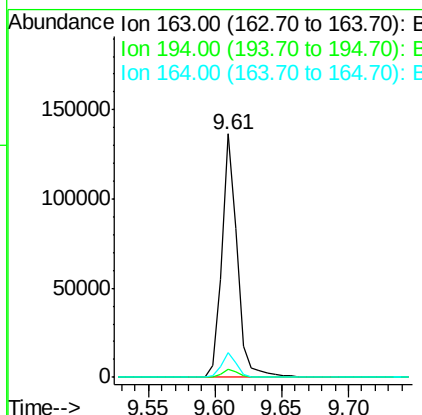
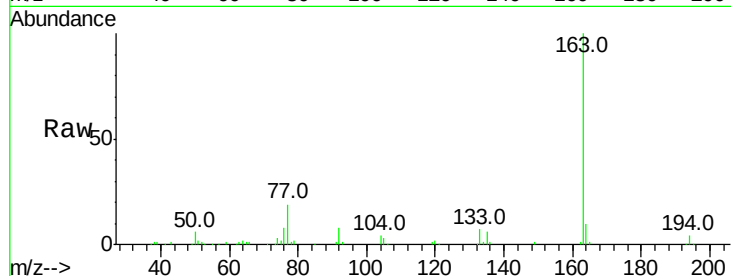
#49
Dimethylphthalate
Concen: 10.476 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099315.D
Acq: 10 Oct 2017 22:19

Instrument :
BNA_F
ClientSampled :
ENV-117-1(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	10.2	8.2	12.2	

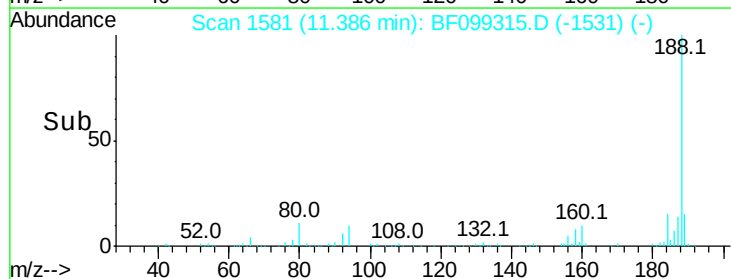
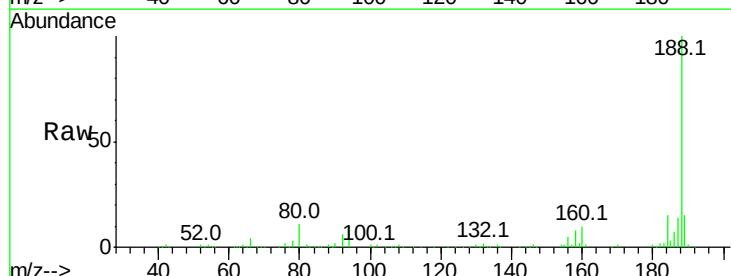
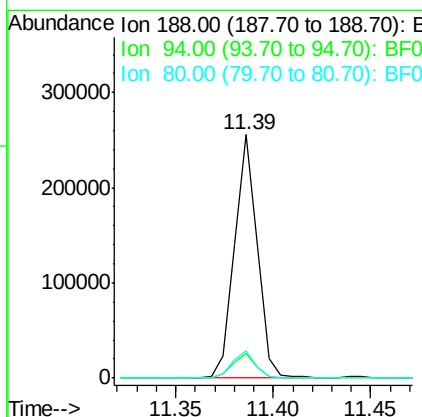
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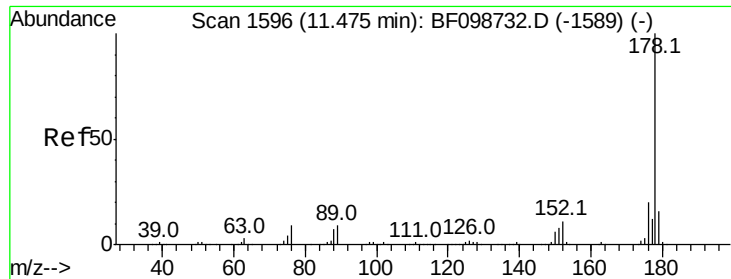
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099315.D
Acq: 10 Oct 2017 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.3	8.5	12.7	
80	11.3	9.2	13.8	





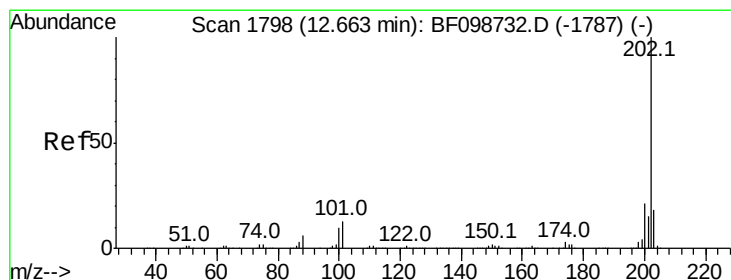
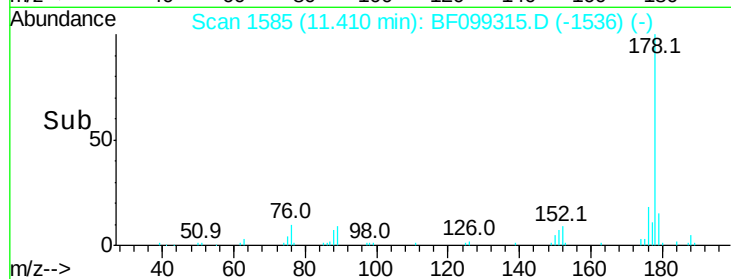
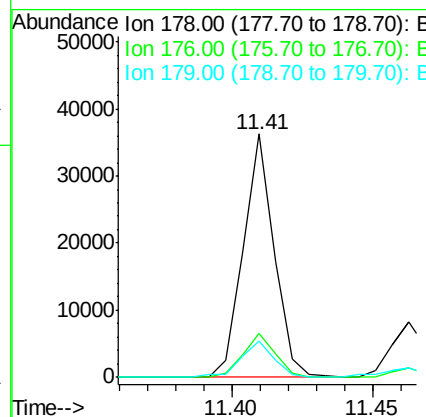
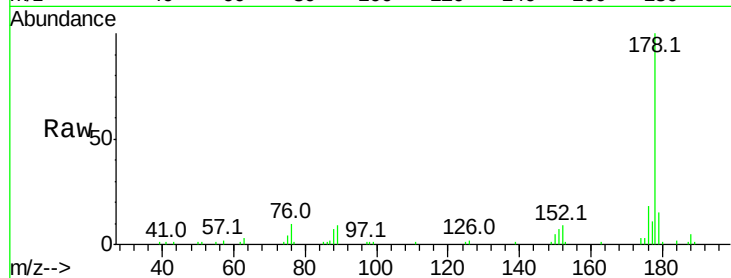
#70
Phenanthrene
Concen: 2.479 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099315.D
Acq: 10 Oct 2017 22:19

Instrument :
BNA_F
ClientSampleId :
ENV-117-1(5-10)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	14.7	13.0	19.6

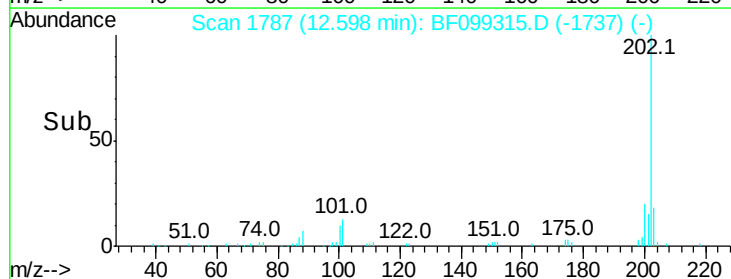
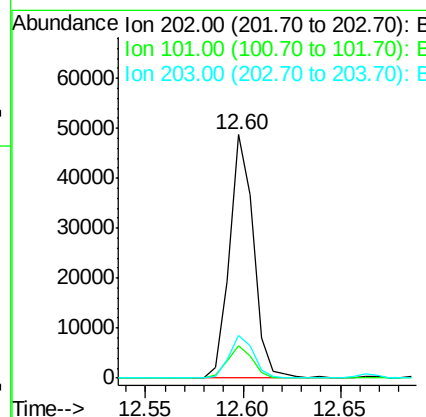
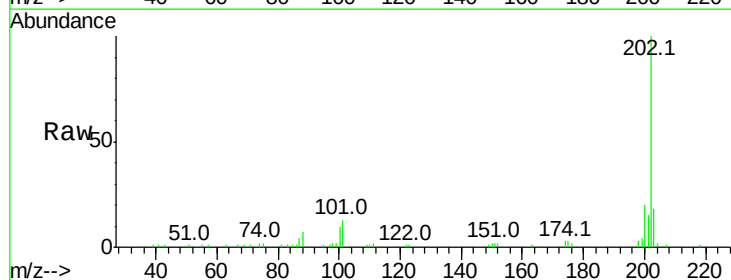
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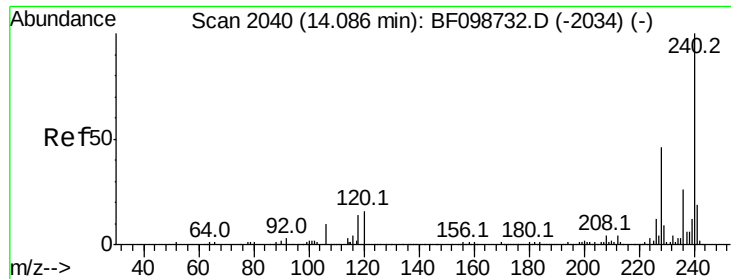
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#74
Fluoranthene
Concen: 3.704 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF099315.D
Acq: 10 Oct 2017 22:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	17.7	0.0	38.1





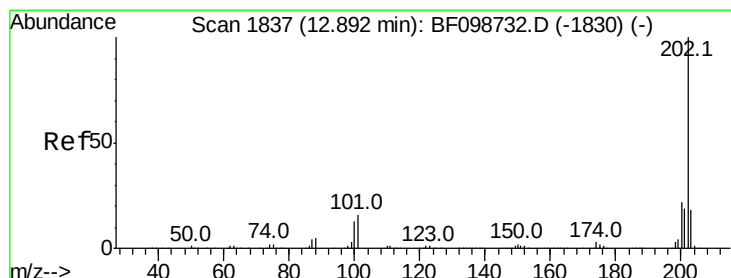
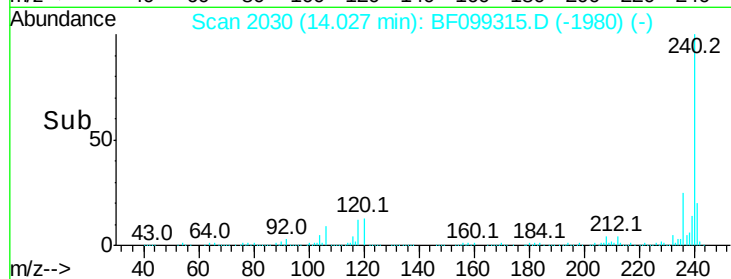
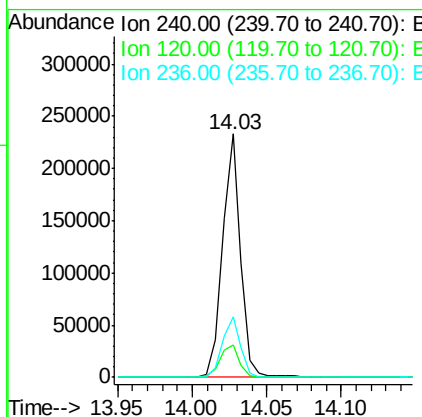
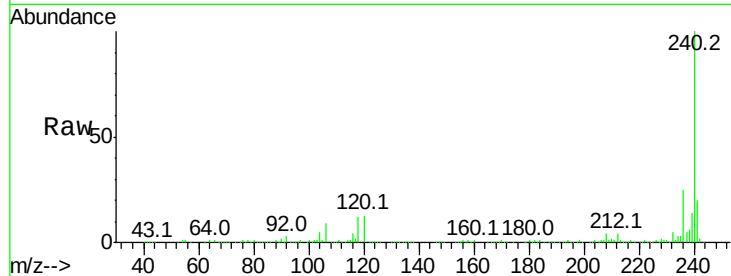
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099315.D
Acq: 10 Oct 2017 22:19

Instrument :
BNA_F
ClientSampleId :
ENV-117-1(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
240	100	198613		
120	13.1		9.5	14.3
236	25.0		20.7	31.1

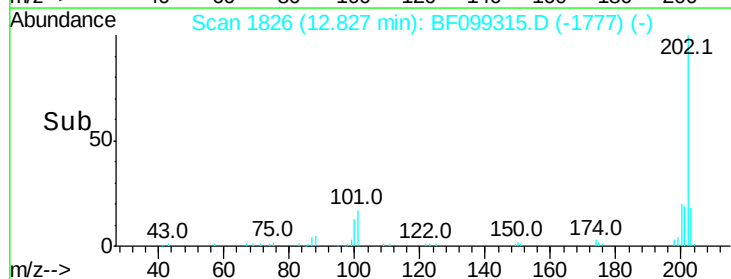
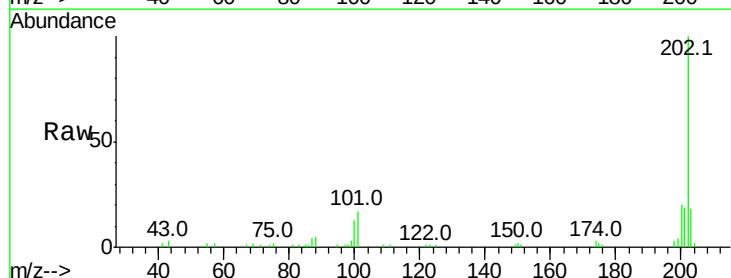
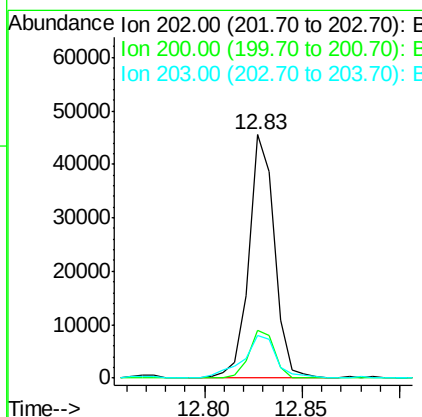
Manual Integrations
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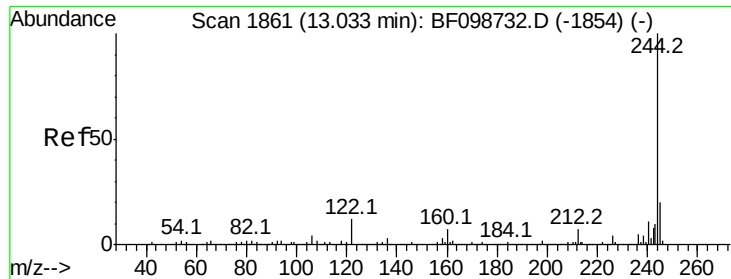
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#77
Pyrene
Concen: 2.742 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF099315.D
Acq: 10 Oct 2017 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	41530		
200	19.8		17.4	26.2
203	17.5		14.3	21.5





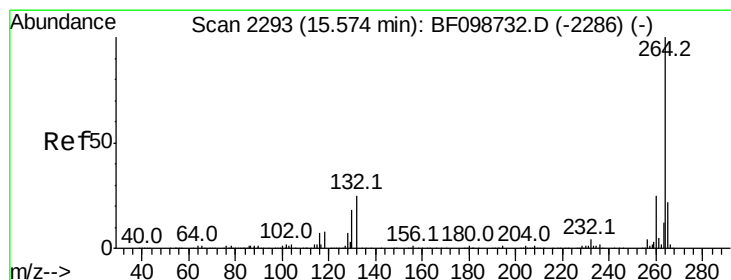
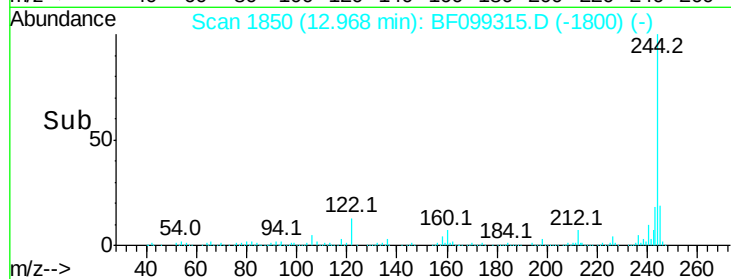
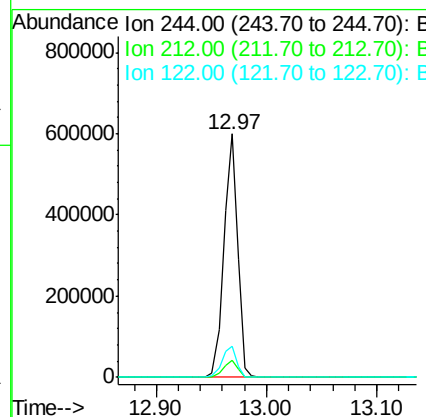
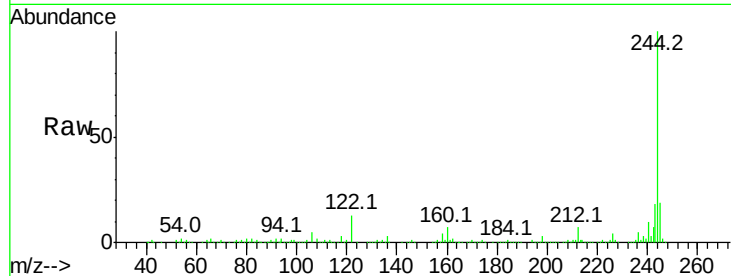
#78
 Terphenyl-d14
 Concen: 59.502 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099315.D
 Acq: 10 Oct 2017 22:19

Instrument :
 BNA_F
 ClientSampleId :
 ENV-117-1(5-10)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.0	11.0	16.4

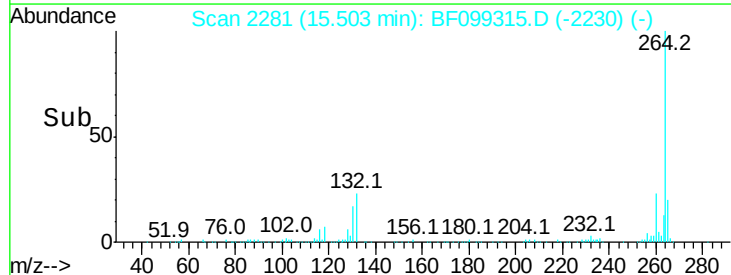
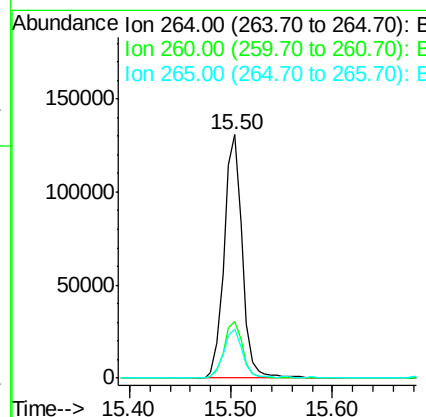
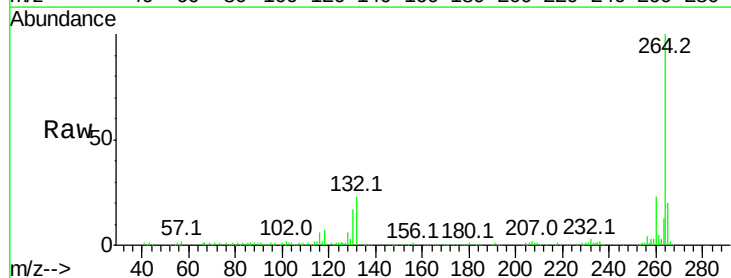
Manual Integrations
 APPROVED

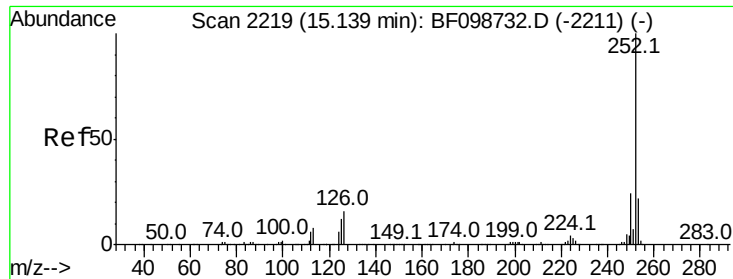
Sohil
 10/11/2017 7:24:05 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099315.D
 Acq: 10 Oct 2017 22:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.3	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.146 ng m
 RT: 15.07 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BF099315.D
 Acq: 10 Oct 2017 22:19

Instrument :
 BNA_F
 ClientSampleId :
 ENV-117-1(5-10)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	16.7	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:24:05 PM

