

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099567.D
 Acq On : 17 Oct 2017 1:57
 Operator : SJ/JU
 Sample : I5752-08RE 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-114-3(0-3)RE

Manual Integrations
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Quant Time: Oct 17 03:08:17 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	6.84	152	101842	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	406446	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	174318	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	272231	20.00	ng	0.00
75) Chrysene-d12	14.01	240	188423	20.00	ng	0.00
86) Perylene-d12	15.49	264	195796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	297236	46.46	ng	0.00
7) Phenol-d6	6.47	99	375267	47.55	ng	-0.01
23) Nitrobenzene-d5	7.40	82	218619	34.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	49114	34.43	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	428075	41.00	ng	-0.01
78) Terphenyl-d14	12.95	244	271937	32.82	ng	0.00
Target Compounds						
10) Phenol	6.49	94	22156	2.510	ng	95
49) Dimethylphthalate	9.59	163	61008	4.637	ng	100
74) Fluoranthene	12.59	202	35527	2.408	ng	96
77) Pyrene	12.82	202	31592	2.199	ng	98
87) Benzo(b)fluoranthene	15.06	252	26926m	2.237	ng	

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

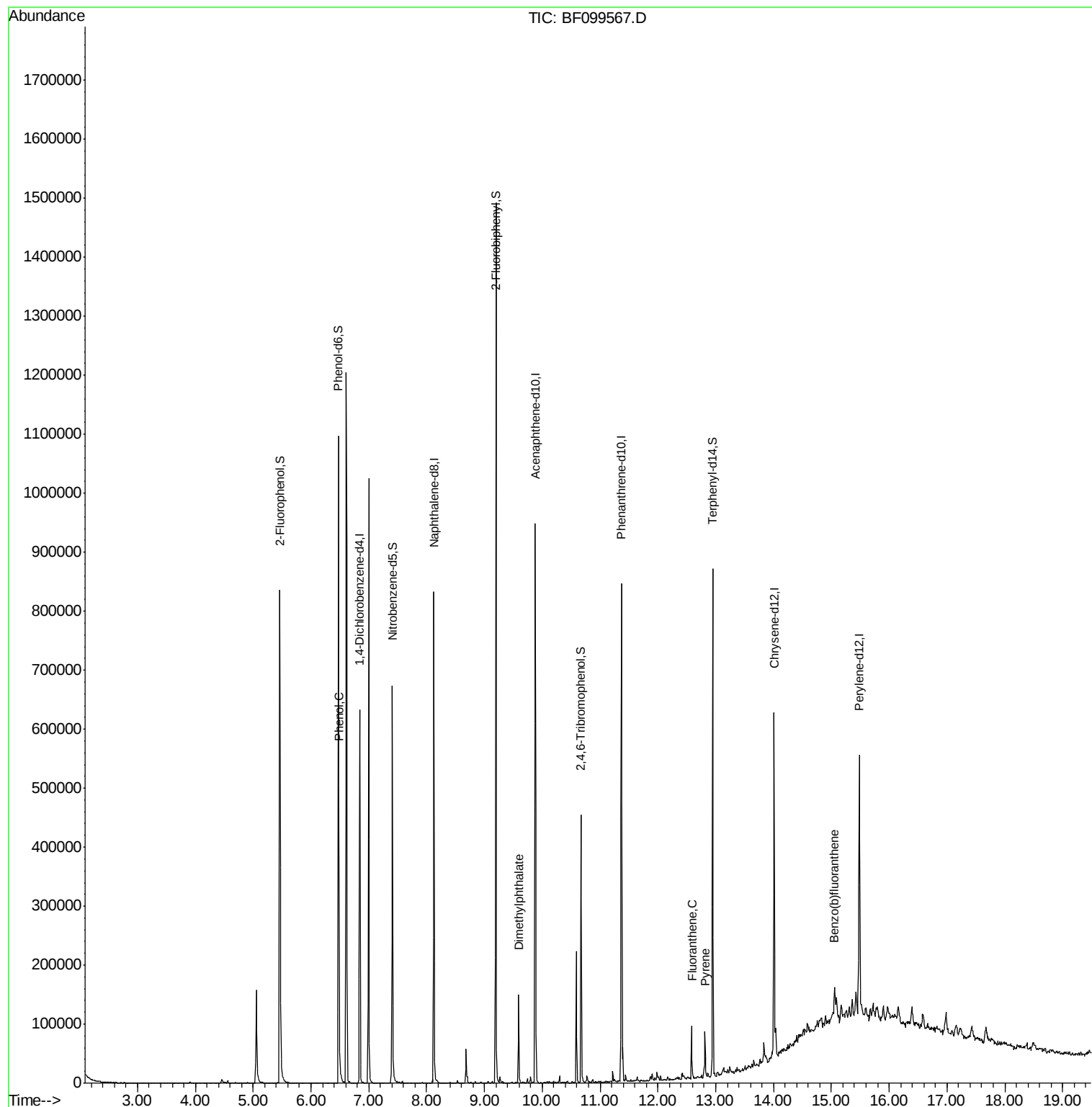
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099567.D
Acq On : 17 Oct 2017 1:57
Operator : SJ/JU
Sample : I5752-08RE 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

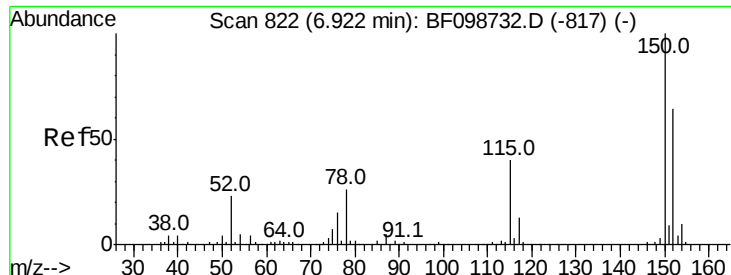
Instrument :
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ENV-114-3(0-3)RE

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

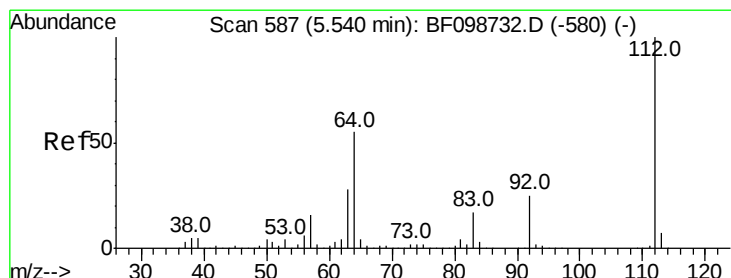
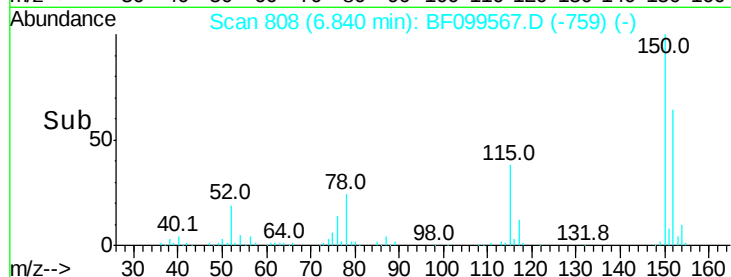
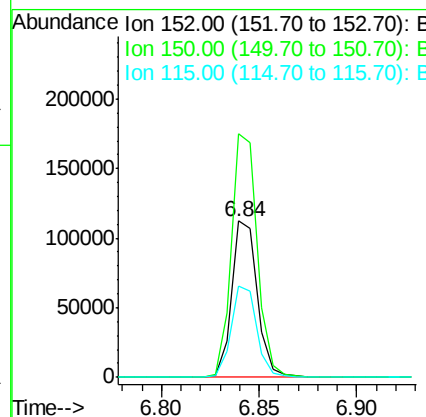
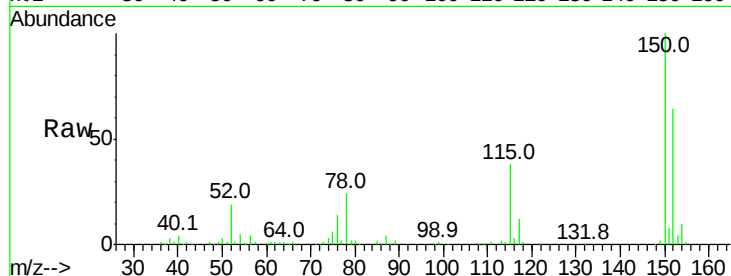
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF099567.D
 Acq: 17 Oct 2017 1:57

Instrument :
 BNA_F
 ClientSampleId :
 ENV-114-3(0-3)RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	58.7	50.1	75.1

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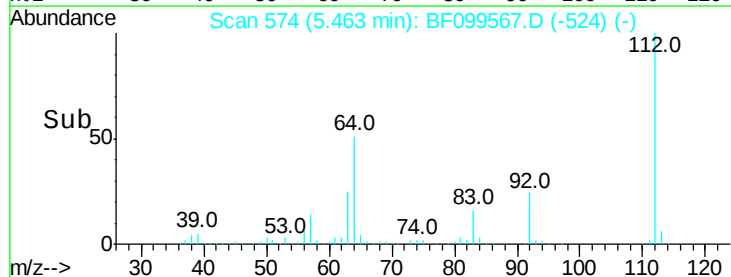
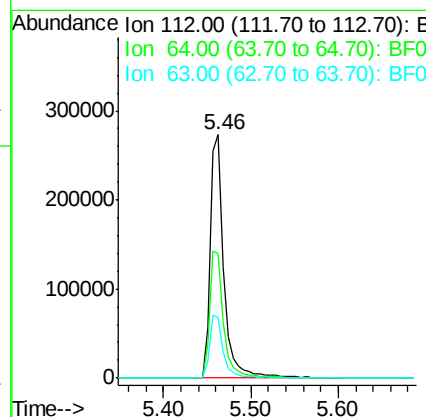
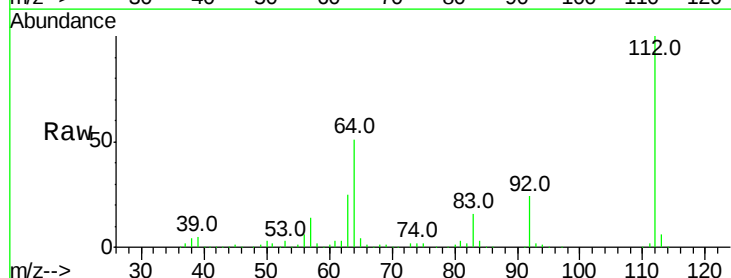
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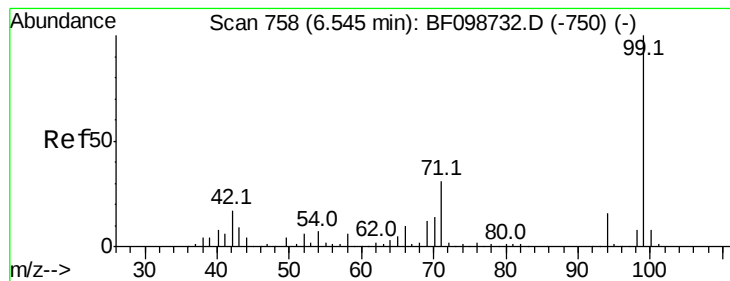


#5

2-Fluorophenol
 Concen: 46.461 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF099567.D
 Acq: 17 Oct 2017 1:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	47.9	71.9
63	25.0	23.7	35.5





#7

Phenol-d6

Concen: 47.550 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099567.D

Acq: 17 Oct 2017 1:57

Instrument :

BNA_F

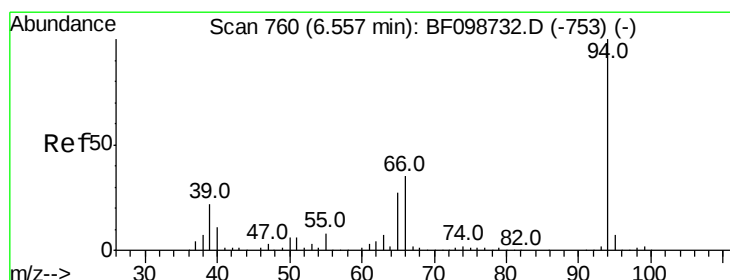
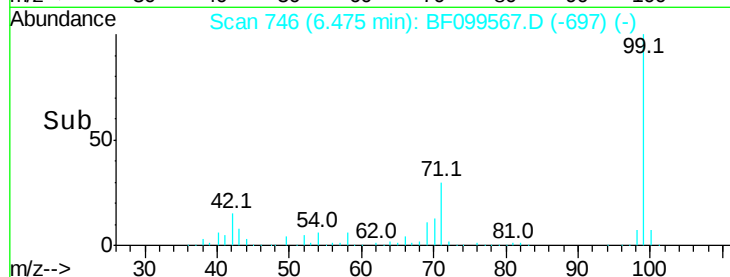
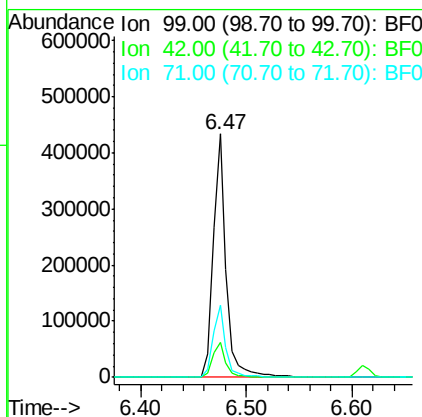
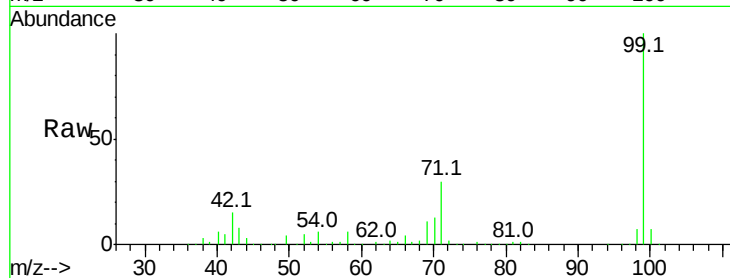
ClientSampleId :

ENV-114-3(0-3)RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		375267		
42	14.6	14.5	21.7		
71	29.7	25.4	38.0		

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#10

Phenol

Concen: 2.510 ng

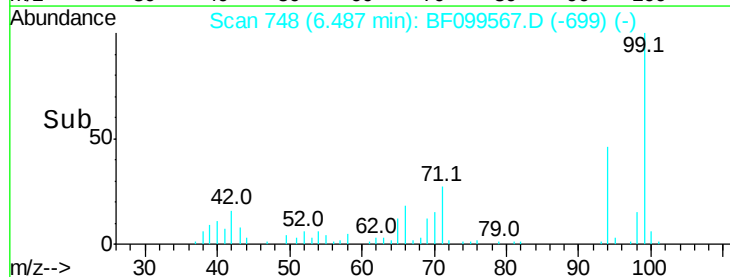
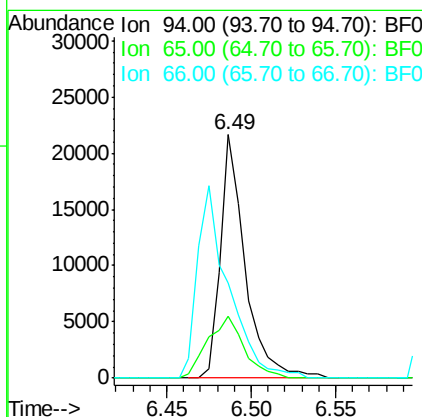
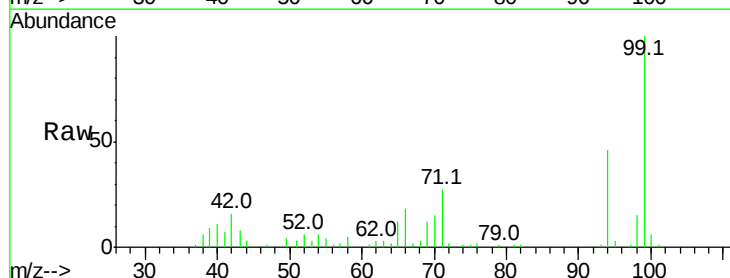
RT: 6.49 min Scan# 748

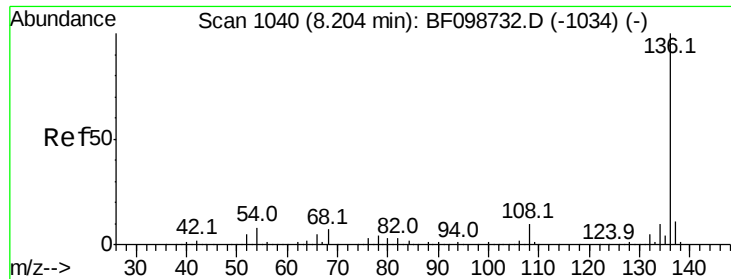
Delta R.T. -0.01 min

Lab File: BF099567.D

Acq: 17 Oct 2017 1:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		22156		
65	25.6	7.9	47.9		
66	39.1	16.2	56.2		





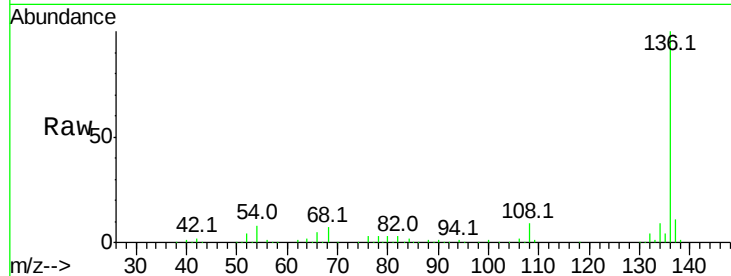
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Instrument :
BNA_F
ClientSampleId :
ENV-114-3(0-3)RE

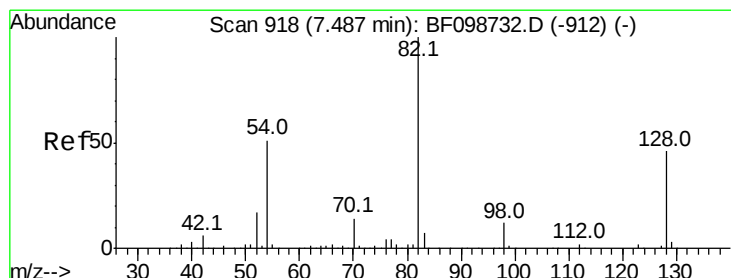
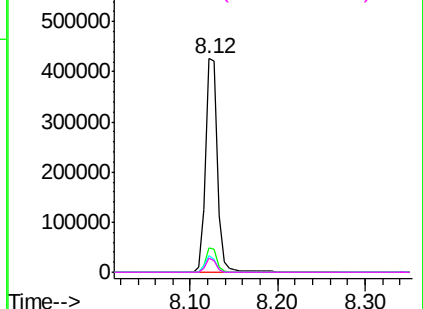
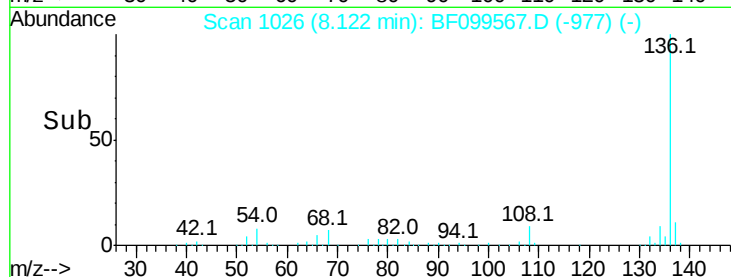
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.9	13.3	
54	7.6	6.6	9.8	
68	6.6	5.0	7.4	

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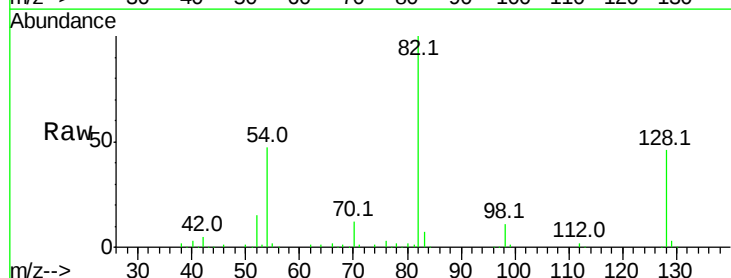


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

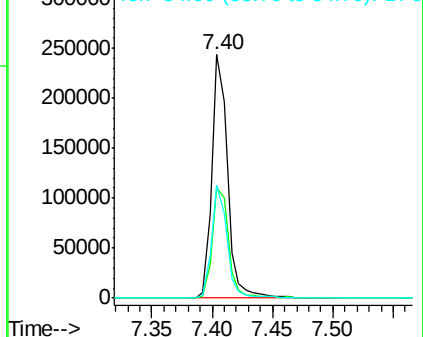
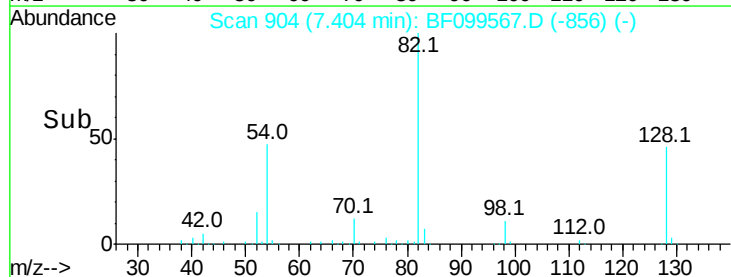


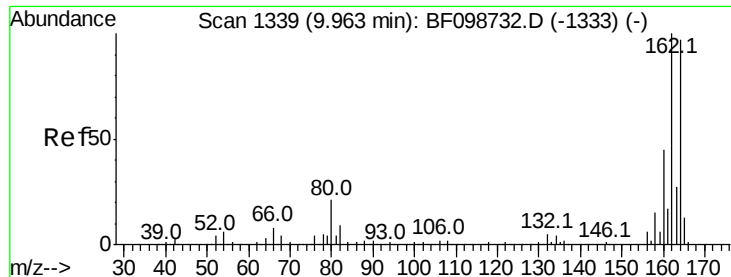
#23
Nitrobenzene-d5
Concen: 34.494 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	36.1	54.1	
54	46.6	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





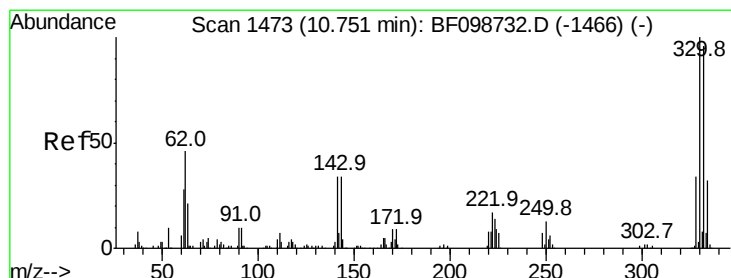
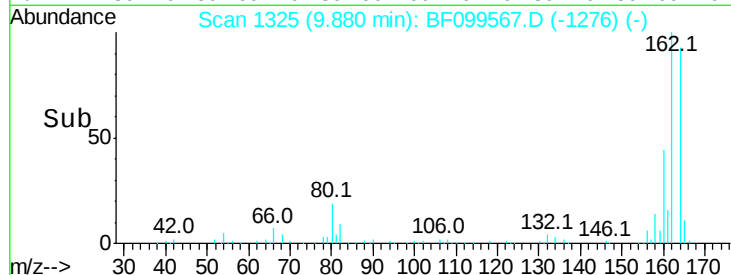
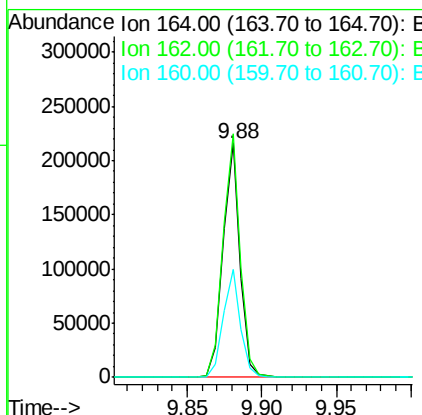
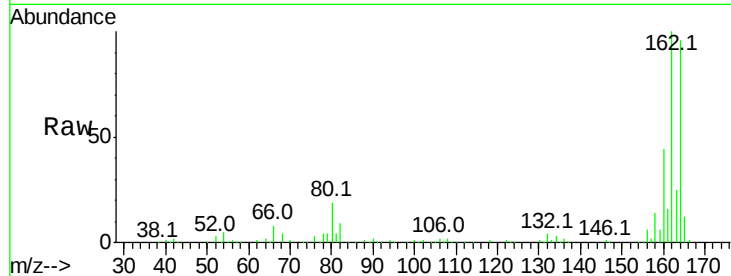
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Instrument :
BNA_F
ClientSampleId :
ENV-114-3(0-3)RE

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.0	38.3	57.5

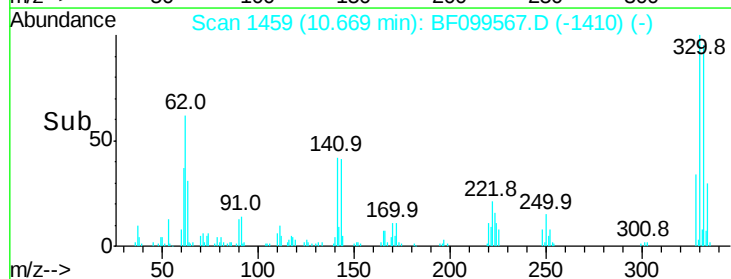
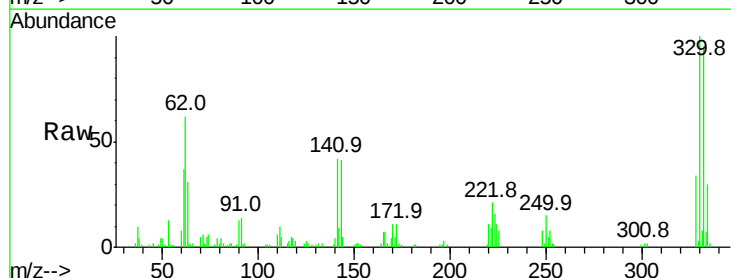
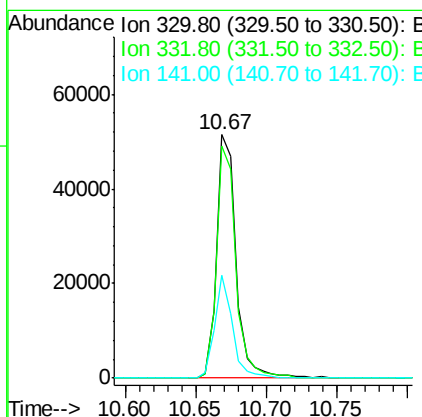
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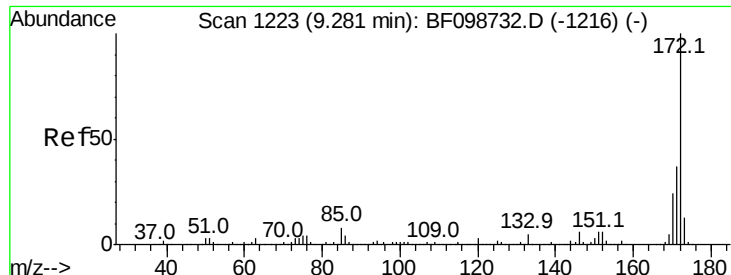
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#41
2,4,6-Tribromophenol
Concen: 34.432 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	38.7	29.9	44.9





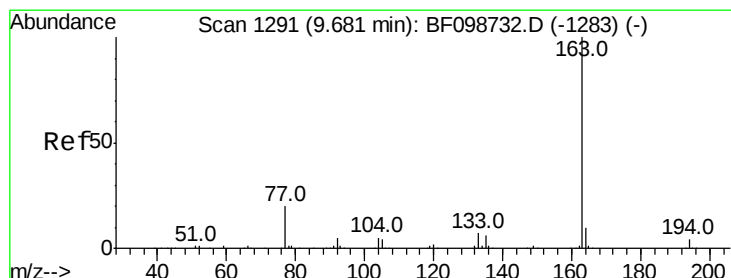
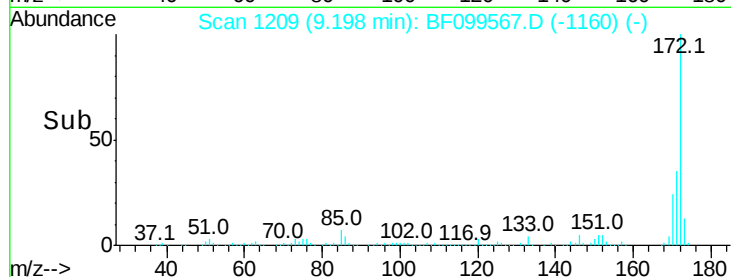
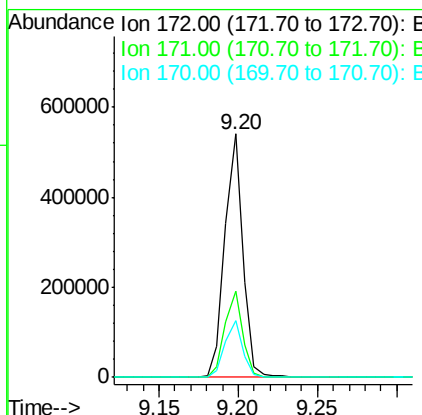
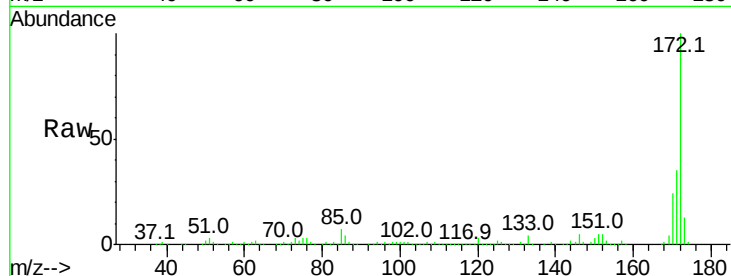
#44
2-Fluorobiphenyl
Concen: 40.996 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Instrument :
BNA_F
ClientSampleId :
ENV-114-3(0-3)RE

Tot Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.3	29.7	44.5
170	23.5	19.6	29.4

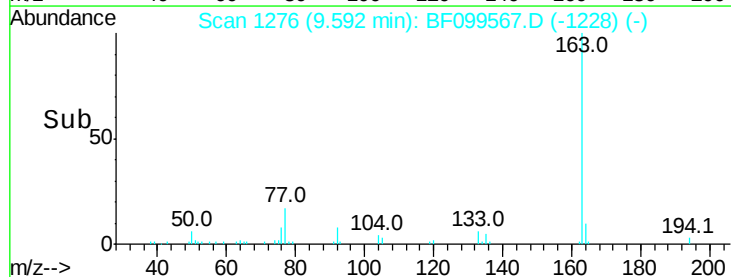
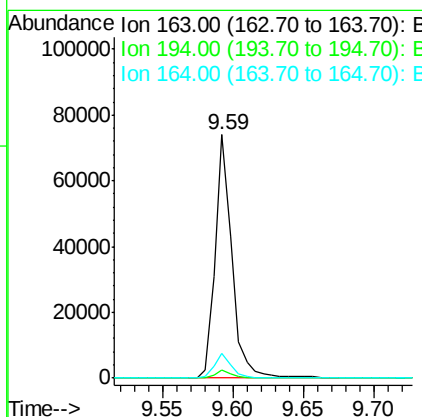
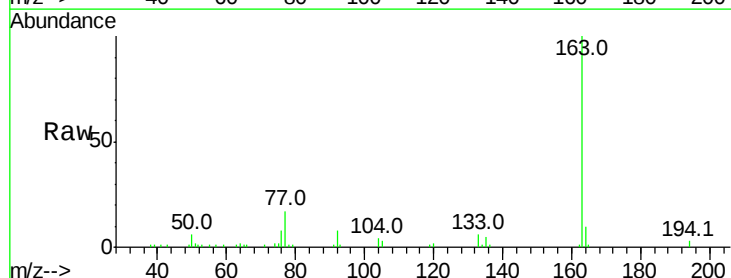
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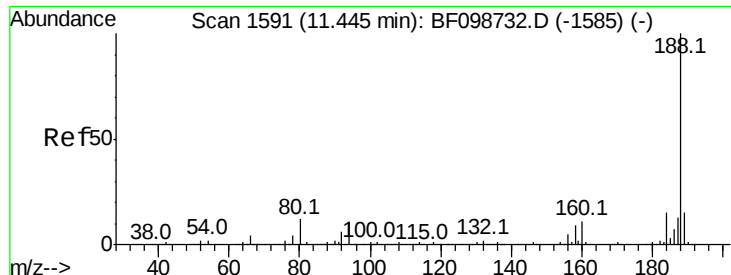
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#49
Dimethylphthalate
Concen: 4.637 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.7	4.1
164	10.0	8.2	12.2





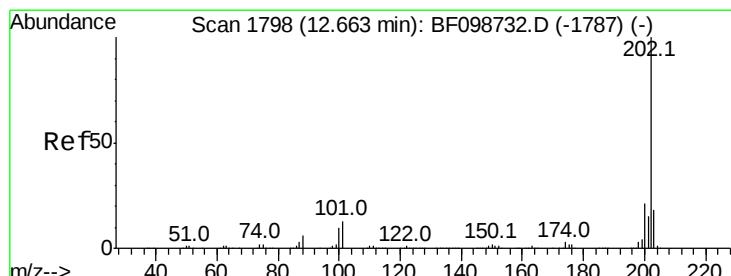
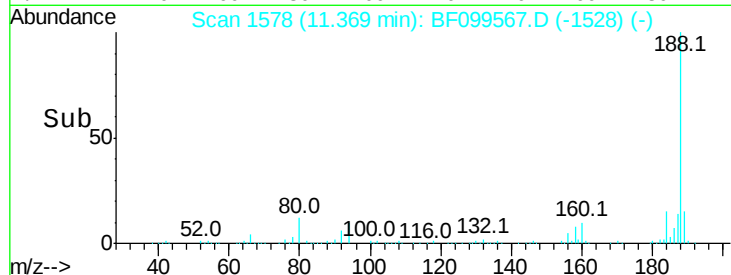
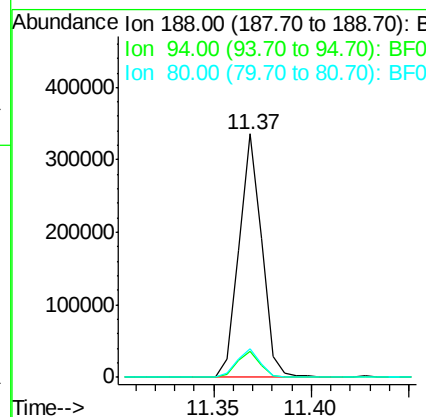
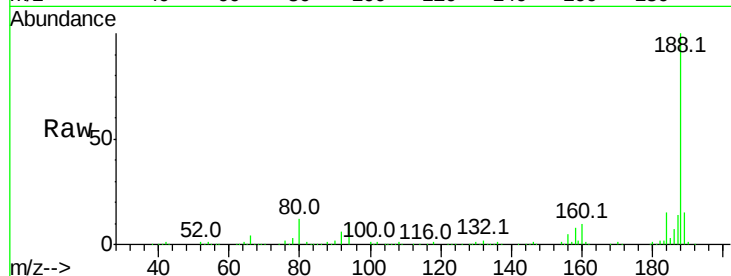
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Instrument :
BNA_F
ClientSampleId :
ENV-114-3(0-3)RE

Tot Ion	Ratio	Resp	Lower	Upper
188	100	272231		
94	10.5		8.5	12.7
80	11.6		9.2	13.8

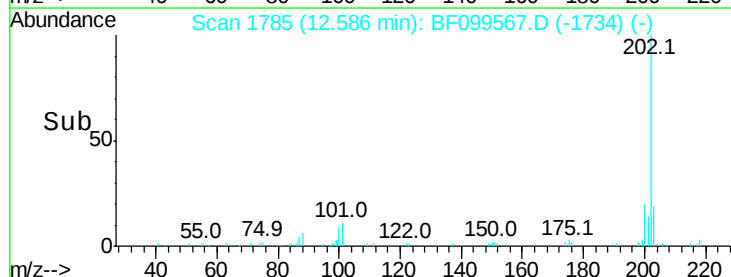
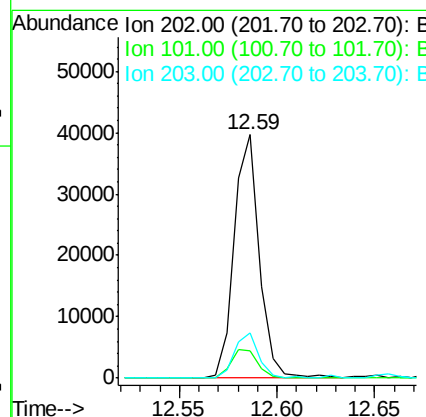
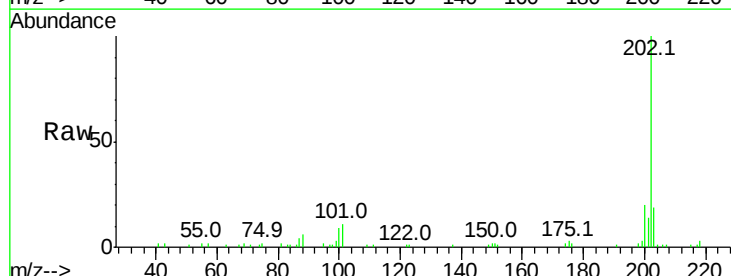
Manual Integrations
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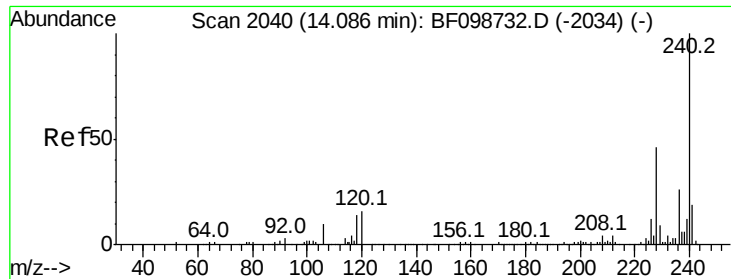
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#74
Fluoranthene
Concen: 2.408 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	35527		
101	11.3		0.0	34.1
203	18.8		0.0	38.1





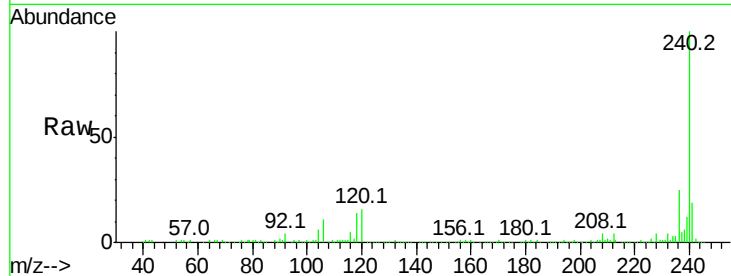
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Instrument :
BNA_F
ClientSampleId :
ENV-114-3(0-3)RE

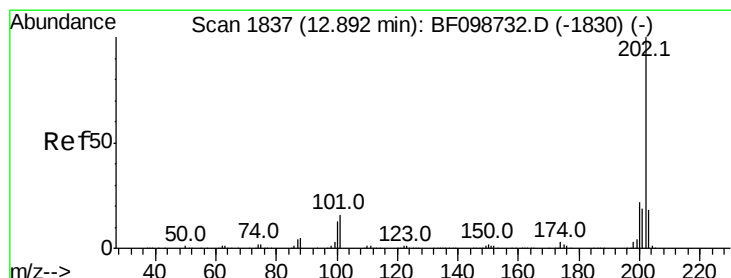
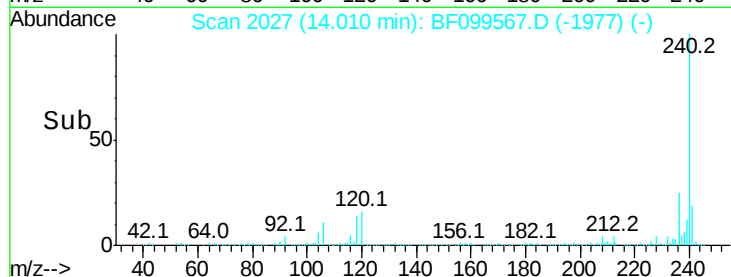
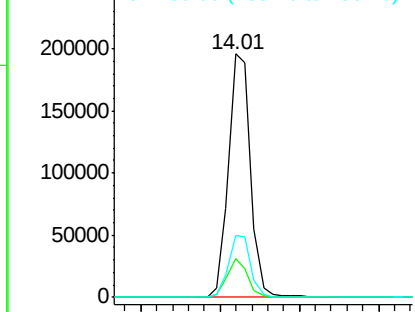
Tot Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3
236	25.4	20.7	31.1

Manual Integrations
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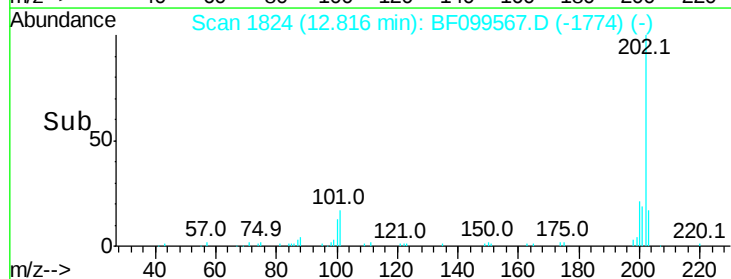
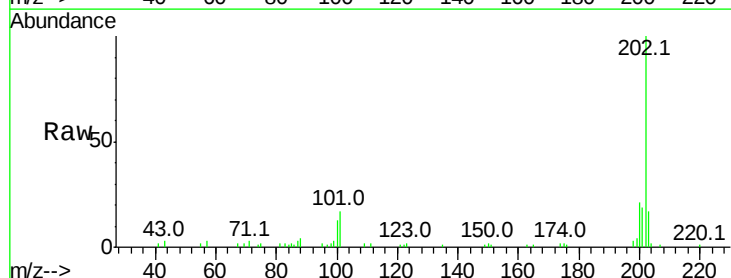
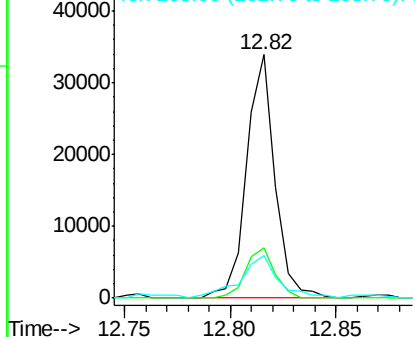
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

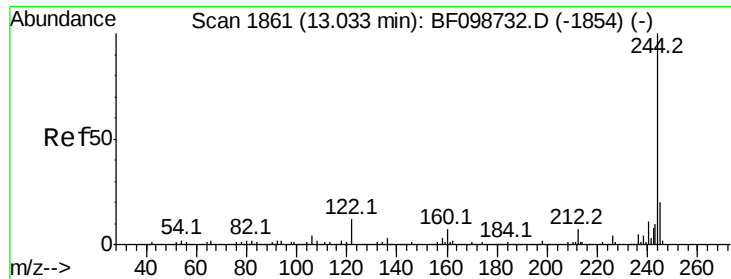


#77
Pyrene
Concen: 2.199 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.4	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





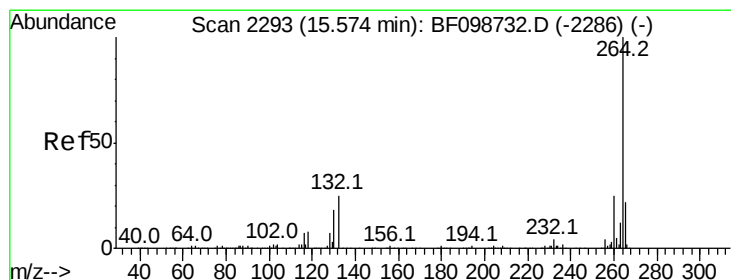
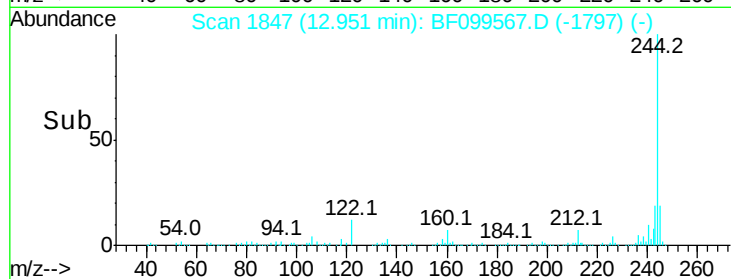
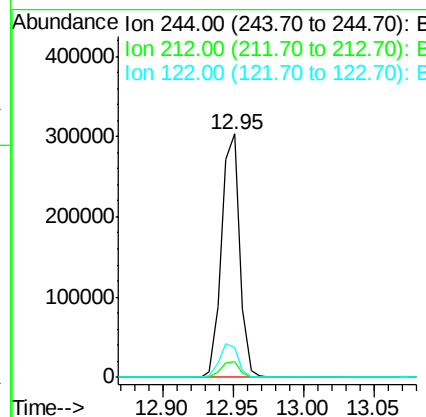
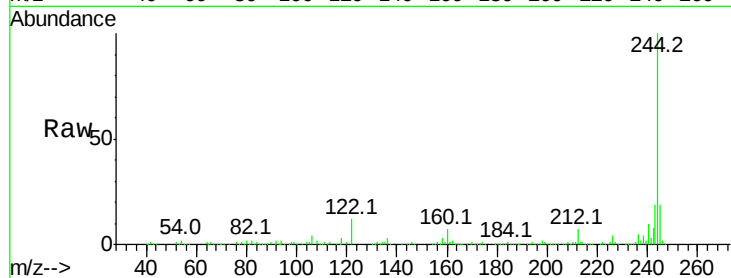
#78
 Terphenyl-d14
 Concen: 32.822 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099567.D
 Acq: 17 Oct 2017 1:57

Instrument :
 BNA_F
 ClientSampleId :
 ENV-114-3(0-3)RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.3	11.0	16.4

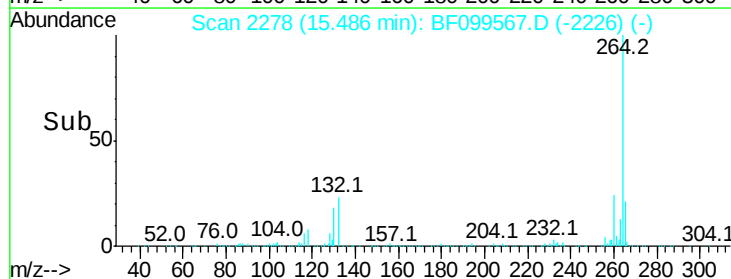
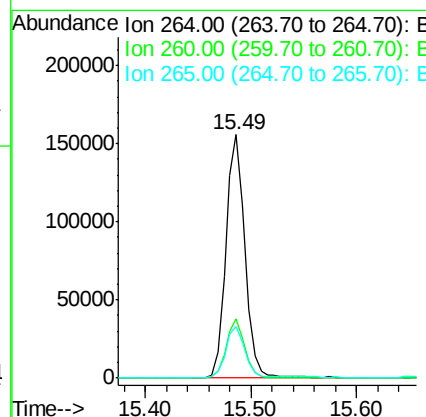
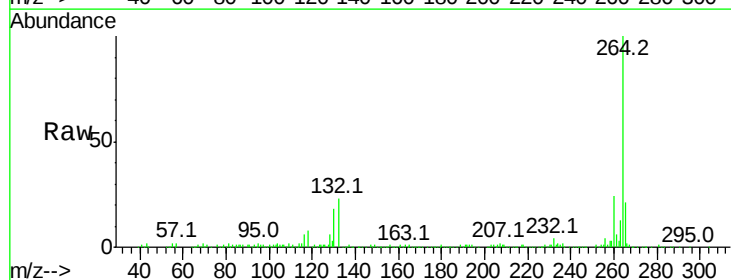
Manual Integrations
 APPROVED

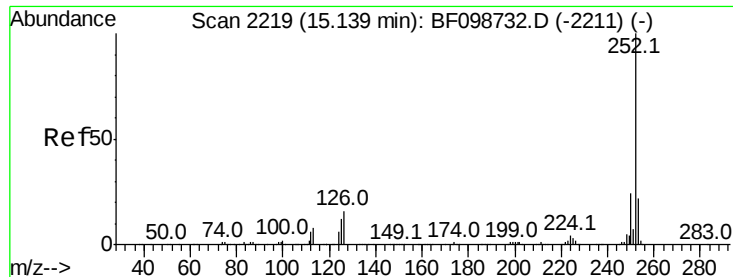
Sohil
 10/17/2017 5:02:06 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099567.D
 Acq: 17 Oct 2017 1:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.237 ng m
 RT: 15.06 min Scan# 2205
 Delta R.T. 0.01 min
 Lab File: BF099567.D
 Acq: 17 Oct 2017 1:57

Instrument :
 BNA_F
 ClientSampleId :
 ENV-114-3(0-3)RE

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	26.0	17.0	25.6#
125	18.3	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 10/17/2017 5:02:06 PM

