

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099623.D
 Acq On : 18 Oct 2017 17:59
 Operator : SJ/JU
 Sample : I5834-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-4(5-10)

Manual Integrations
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Sohil
 10/19/2017 5:14:52 PM

Quant Time: Oct 18 22:33:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	108916	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	454984	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	204748	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	338151	20.00	ng	0.00
75) Chrysene-d12	13.99	240	193554	20.00	ng	0.00
86) Perylene-d12	15.45	264	191043	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	664644	97.14	ng	0.00
7) Phenol-d6	6.47	99	800747	94.87	ng	0.00
23) Nitrobenzene-d5	7.39	82	480027	67.66	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	171137	102.15	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	802076	65.40	ng	0.00
78) Terphenyl-d14	12.93	244	572179	67.23	ng	0.00
Target Compounds						
10) Phenol	6.48	94	53180	5.634	ng	90
49) Dimethylphthalate	9.57	163	193829	12.543	ng	99
74) Fluoranthene	12.56	202	79272	4.325	ng	96
77) Pyrene	12.79	202	66787	4.525	ng	99
80) Benzo(a)anthracene	13.98	228	24233	2.068	ng	95

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

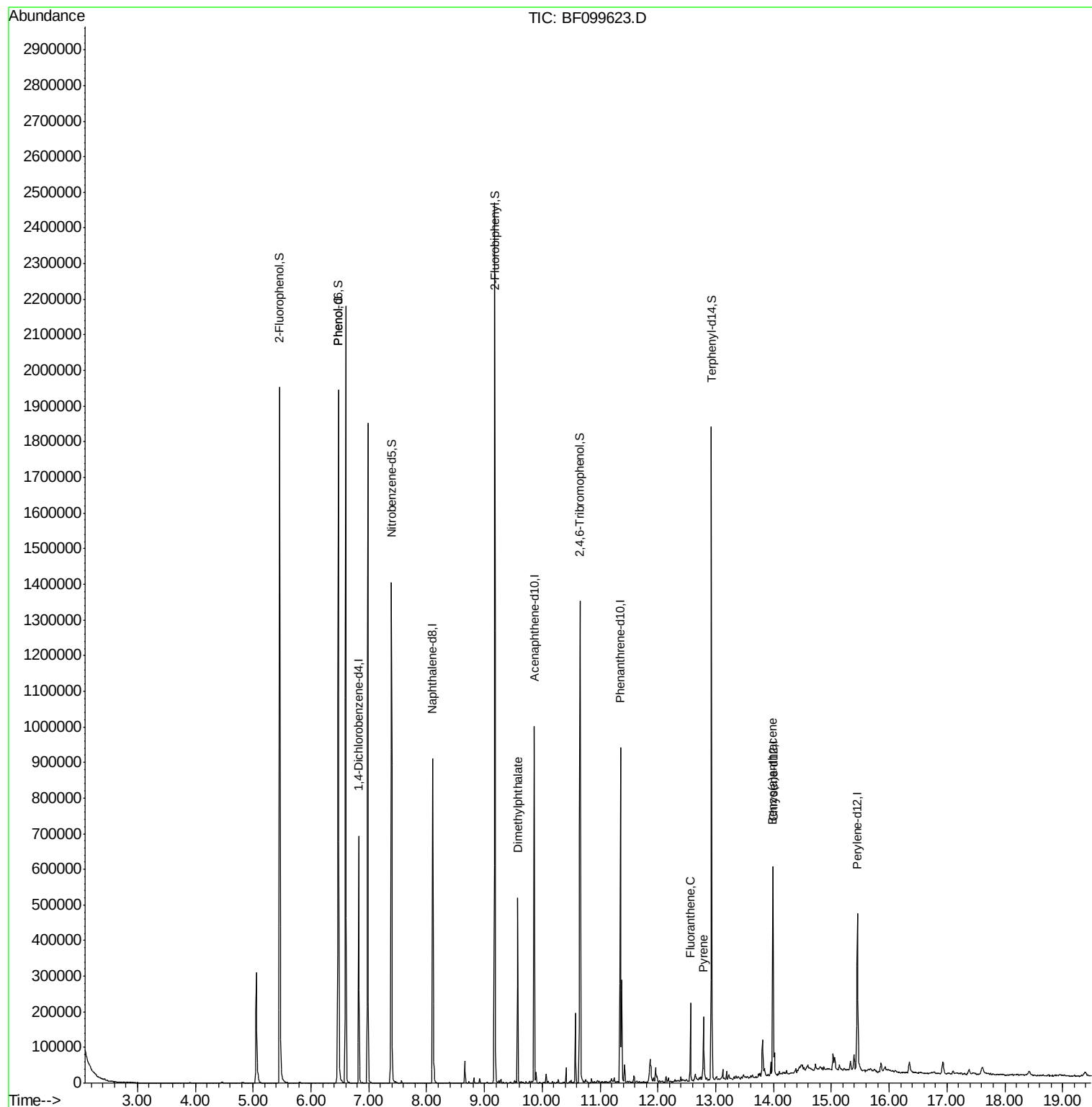
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099623.D
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Sample : I5834-02
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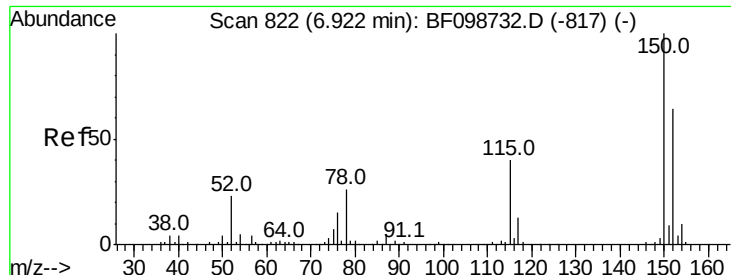
Instrument :
BNA_F
ClientSampleId :
ENV-115-4(5-10)

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#1

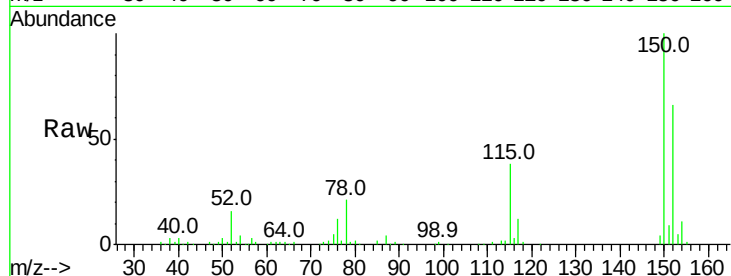
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099623.D
Acq: 18 Oct 2017 17:59

Instrument :
BNA_F
ClientSampleId :
ENV-115-4(5-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.6	186.8
115	57.5	50.1	75.1

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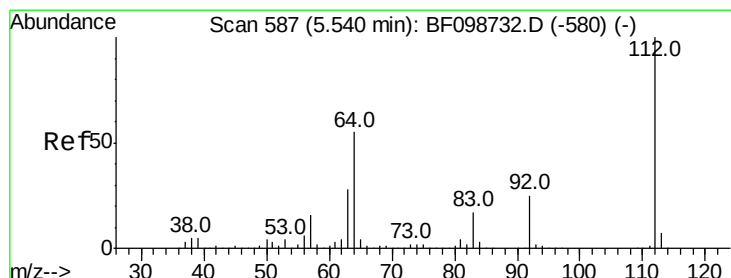
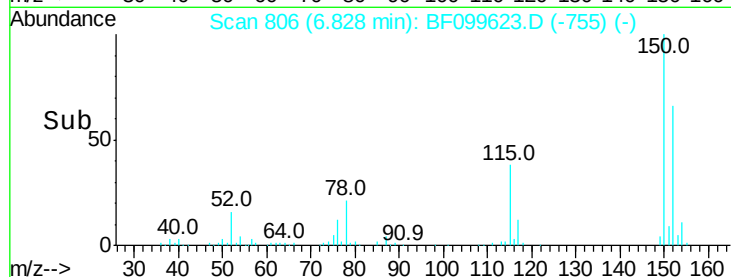
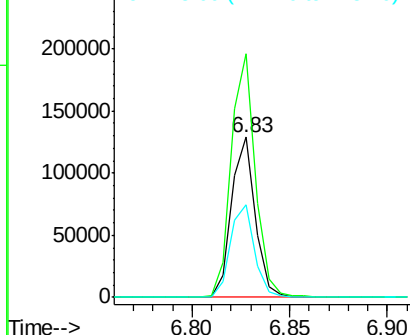


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

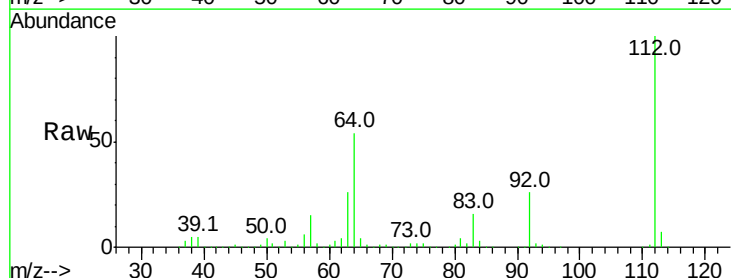
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.143 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF099623.D
Acq: 18 Oct 2017 17:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	47.9	71.9
63	26.0	23.7	35.5

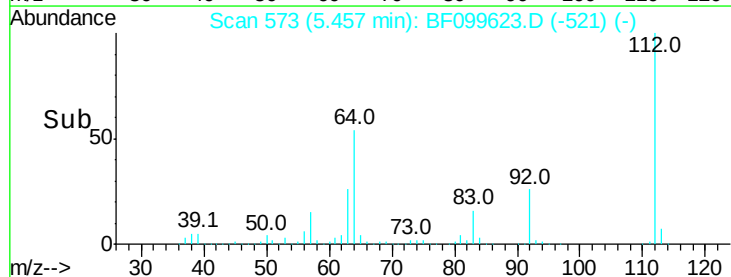
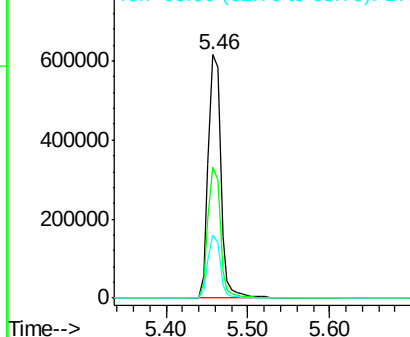


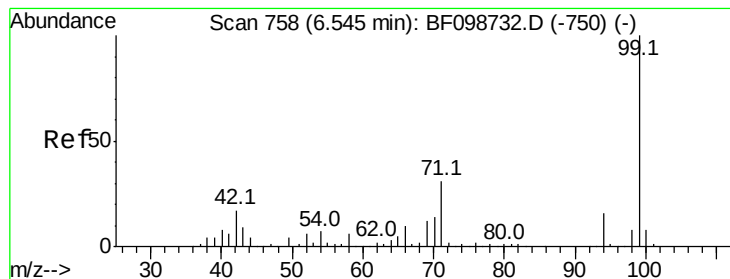
Abundance

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: 94.873 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099623.D

Acq: 18 Oct 2017 17:59

Instrument :

BNA_F

ClientSampleId :

ENV-115-4(5-10)

Tot Ion: 99 Resp: 800747

Ion Ratio Lower Upper

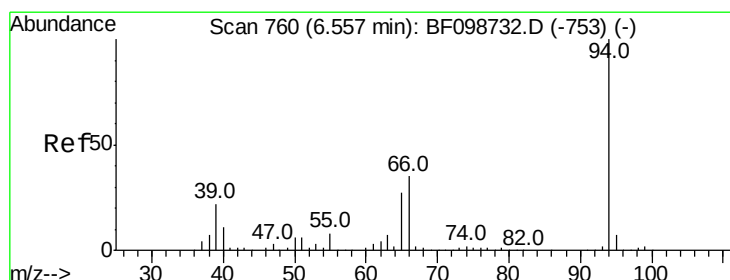
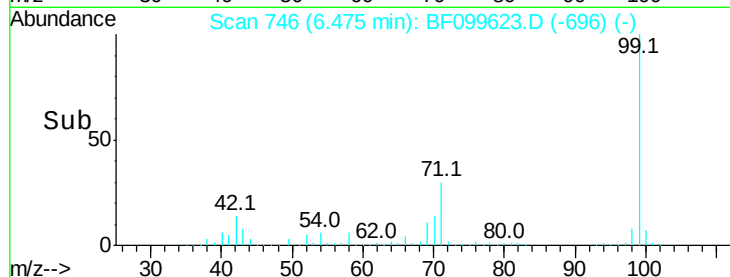
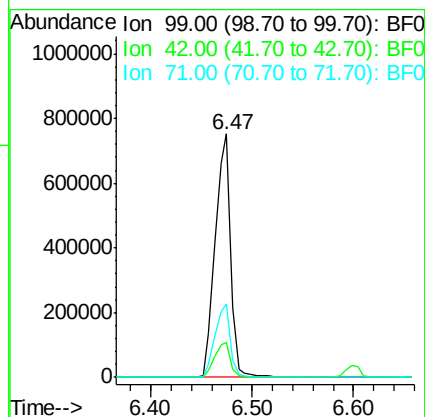
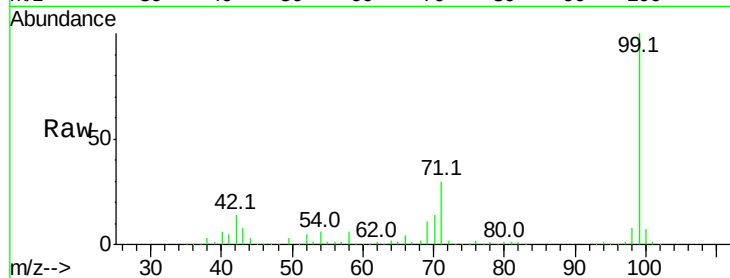
99 100

42 14.4 14.5 21.7#

71 30.1 25.4 38.0

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#10

Phenol

Concen: 5.634 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099623.D

Acq: 18 Oct 2017 17:59

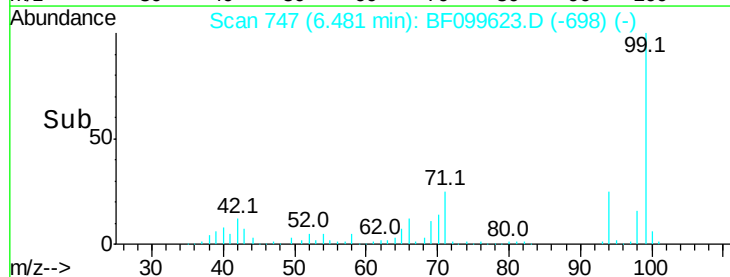
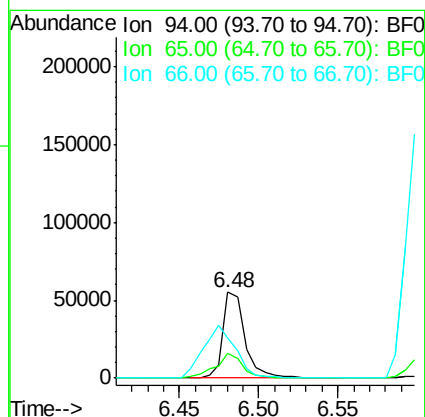
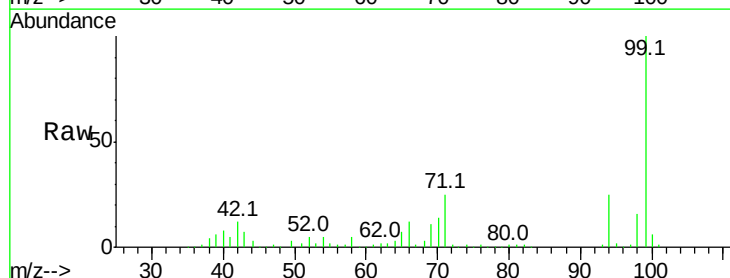
Tgt Ion: 94 Resp: 53180

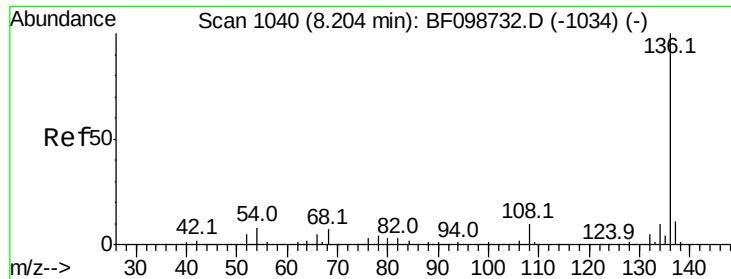
Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

66 46.4 16.2 56.2





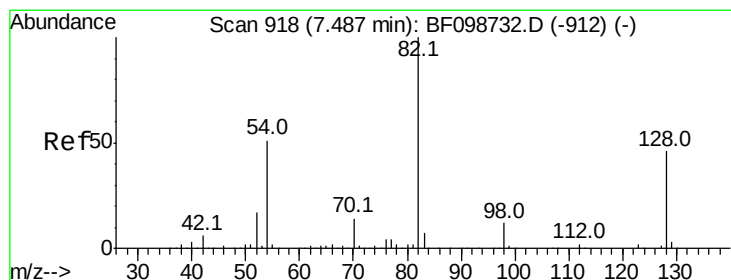
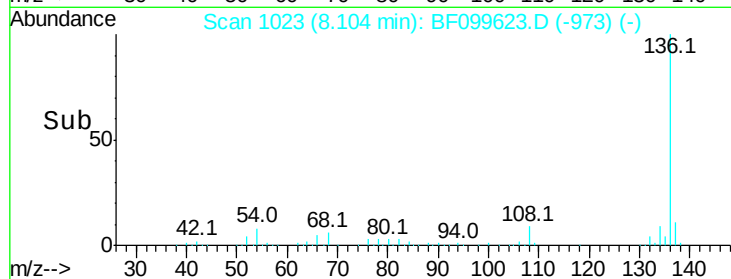
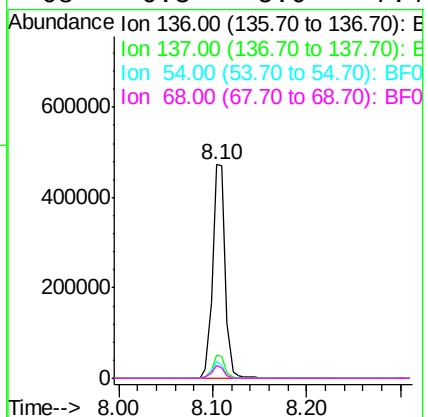
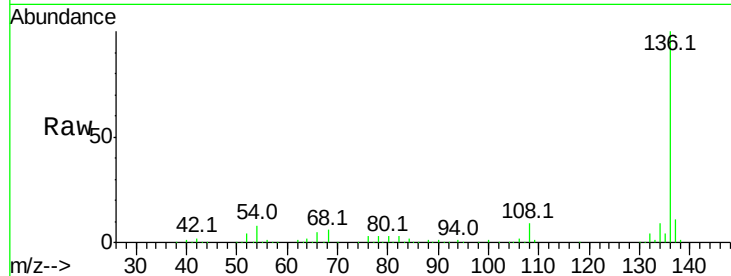
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099623.D
Acq: 18 Oct 2017 17:59

Instrument :
BNA_F
ClientSampleId :
ENV-115-4(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	7.8	6.6	9.8	
68	6.3	5.0	7.4	

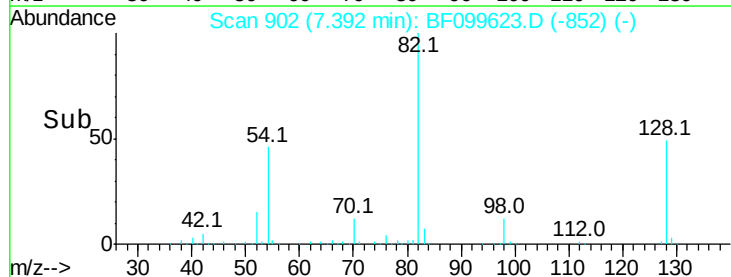
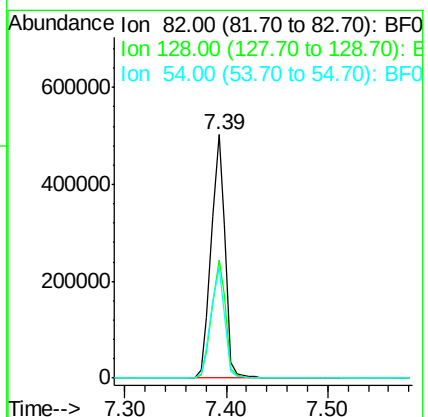
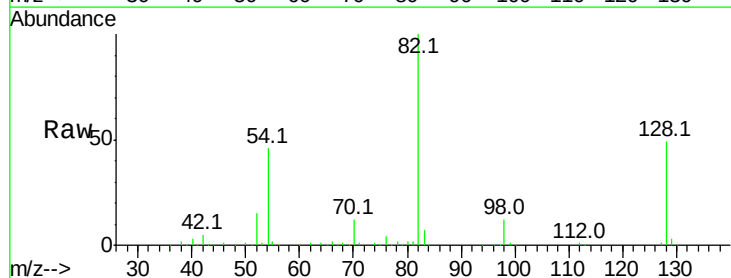
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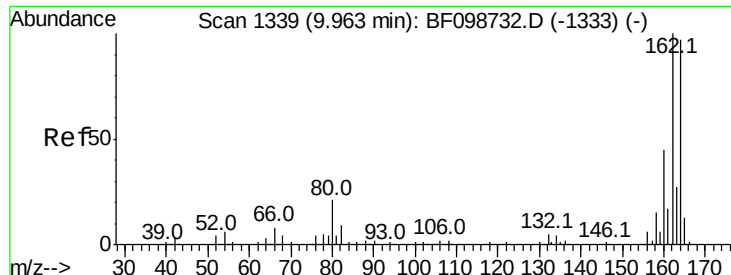
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#23
Nitrobenzene-d5
Concen: 67.660 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099623.D
Acq: 18 Oct 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.6	36.1	54.1	
54	45.5	41.4	62.2	





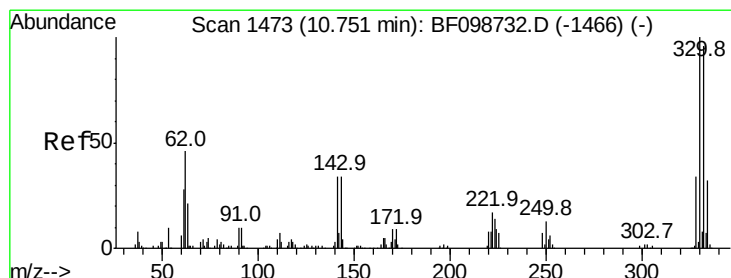
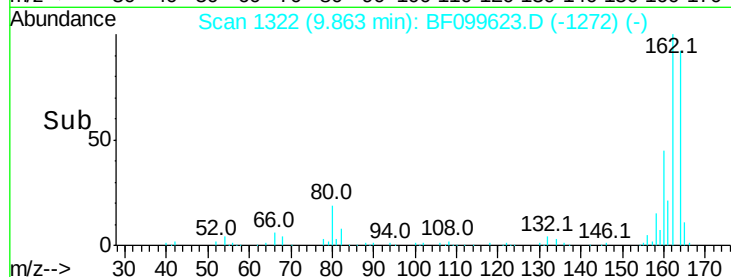
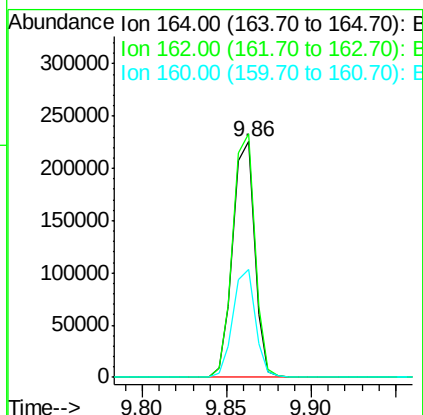
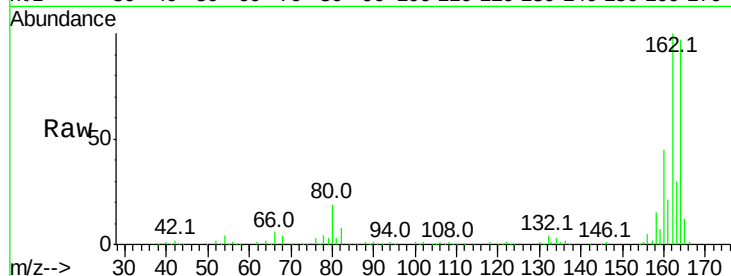
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099623.D
Acq: 18 Oct 2017 17:59

Instrument :
BNA_F
ClientSampleId :
ENV-115-4(5-10)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	204748		
162	103.4	86.1	129.1	
160	46.1	38.3	57.5	

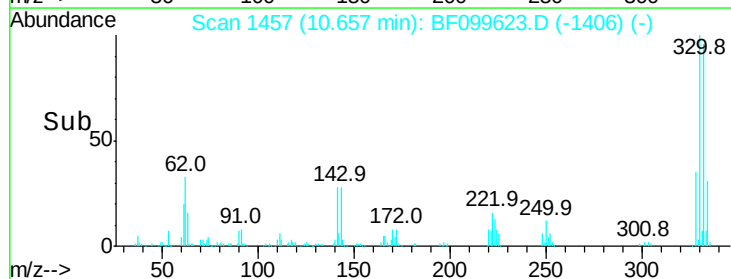
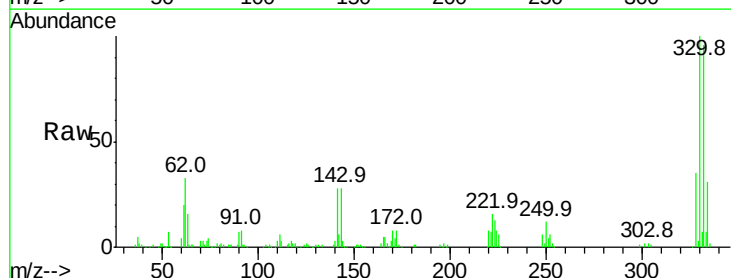
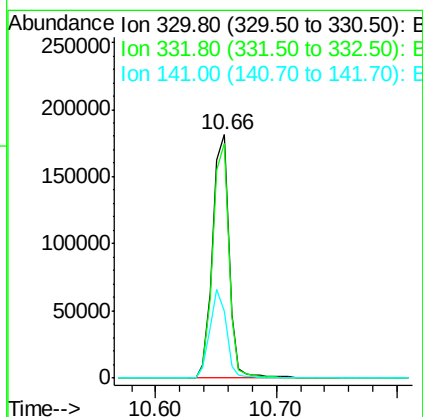
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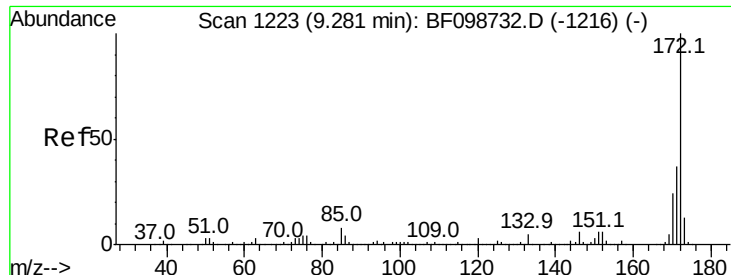
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#41
2,4,6-Tribromophenol
Concen: 102.147 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF099623.D
Acq: 18 Oct 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	171137		
332	95.6	77.0	115.6	
141	36.5	29.9	44.9	





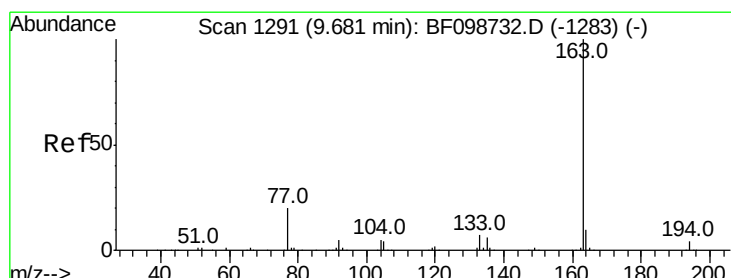
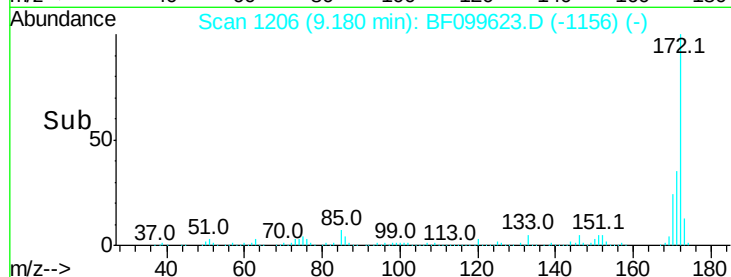
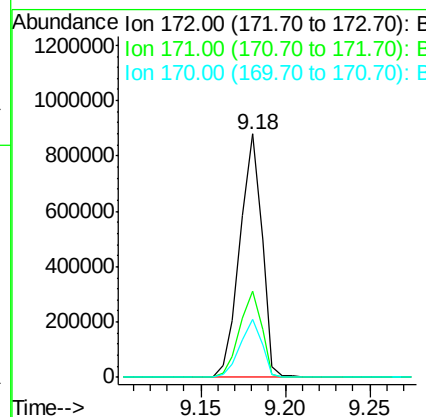
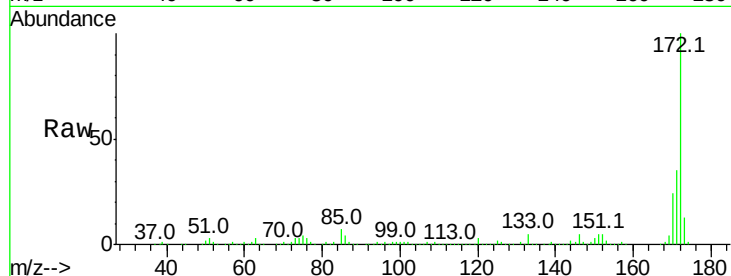
#44
2-Fluorobiphenyl
Concen: 65.397 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099623.D
Acq: 18 Oct 2017 17:59

Instrument :
BNA_F
ClientSampleId :
ENV-115-4(5-10)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.0	19.6	29.4

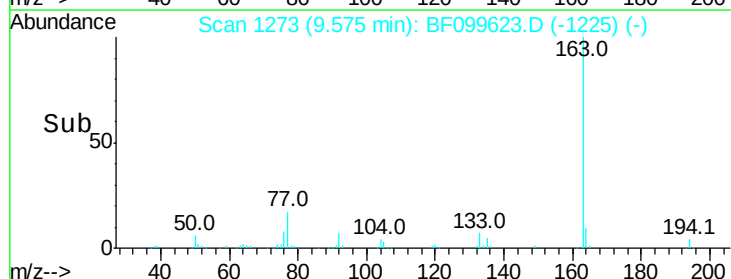
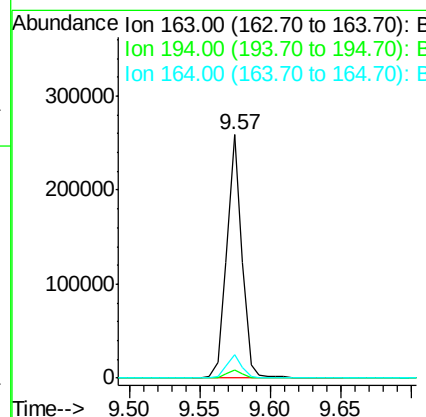
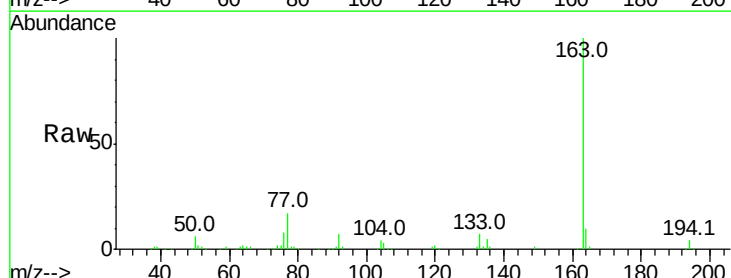
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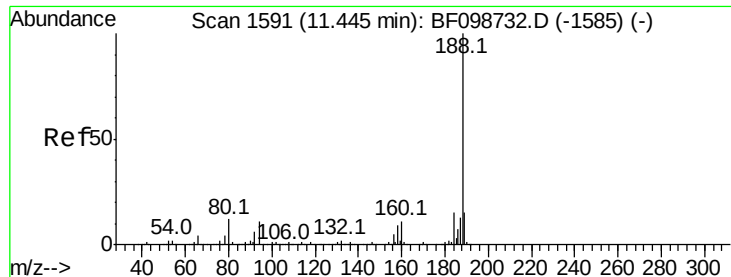
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#49
Dimethylphthalate
Concen: 12.543 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF099623.D
Acq: 18 Oct 2017 17:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.7	8.2	12.2





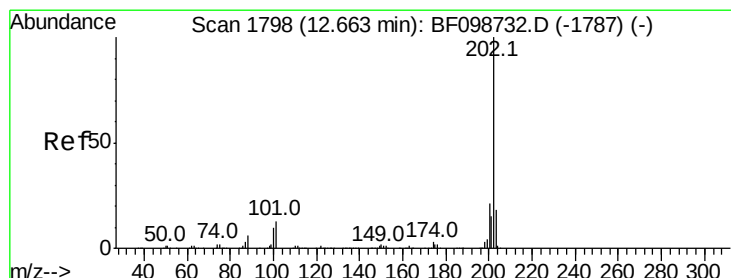
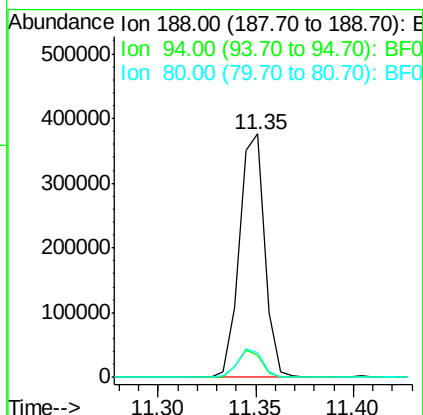
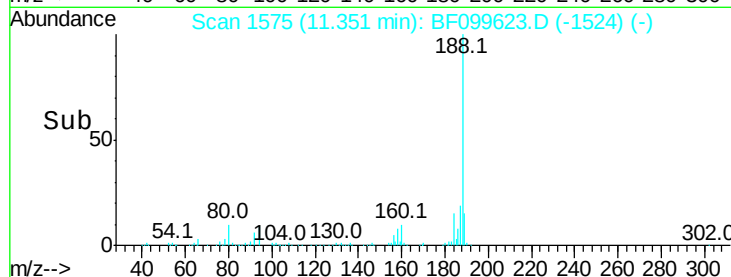
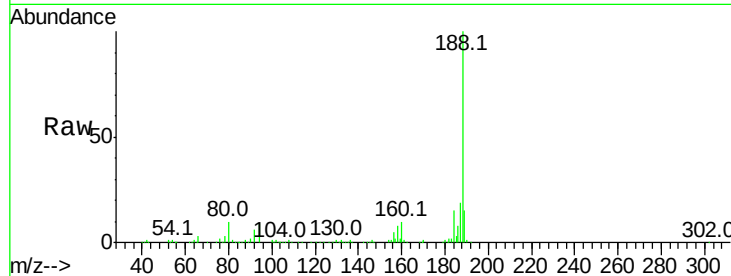
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099623.D
Acq: 18 Oct 2017 17:59

Instrument :
BNA_F
ClientSampleId :
ENV-115-4(5-10)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.1	9.2	13.8

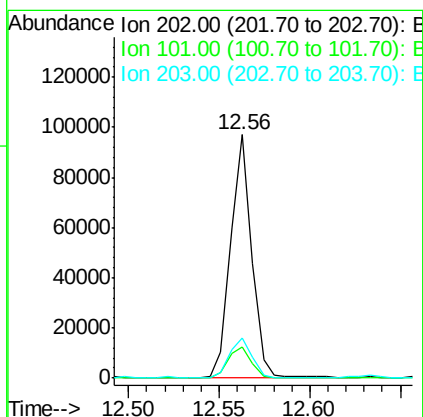
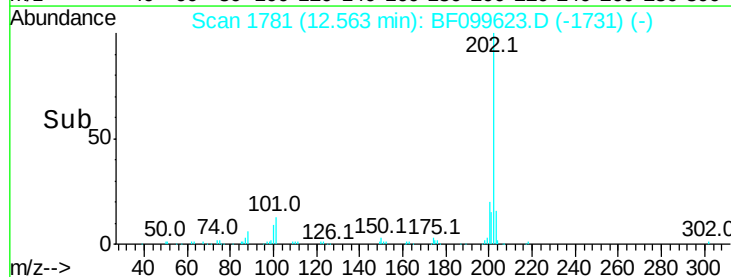
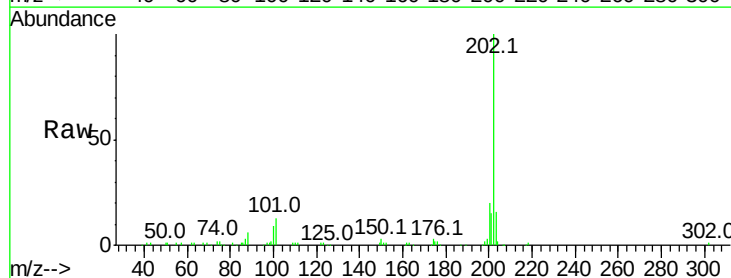
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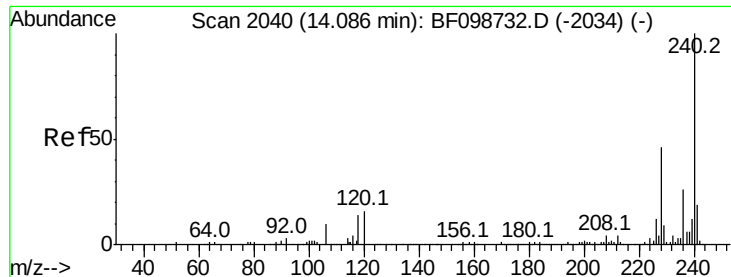
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#74
Fluoranthene
Concen: 4.325 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF099623.D
Acq: 18 Oct 2017 17:59

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	0.0	34.1
203	16.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099623.D

Acq: 18 Oct 2017 17:59

Instrument :

BNA_F

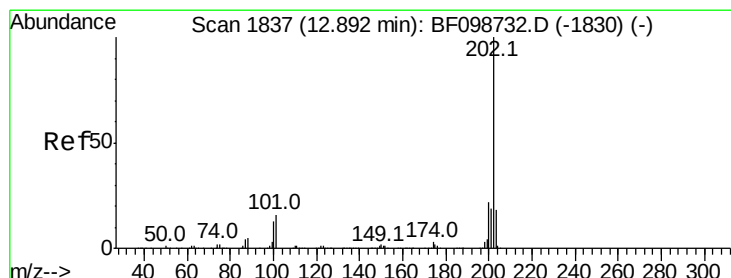
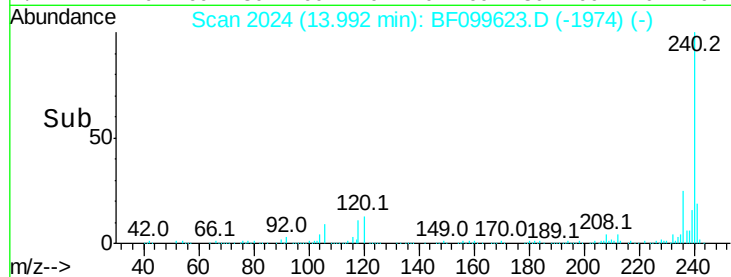
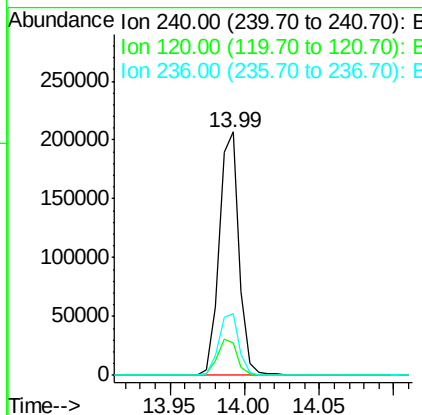
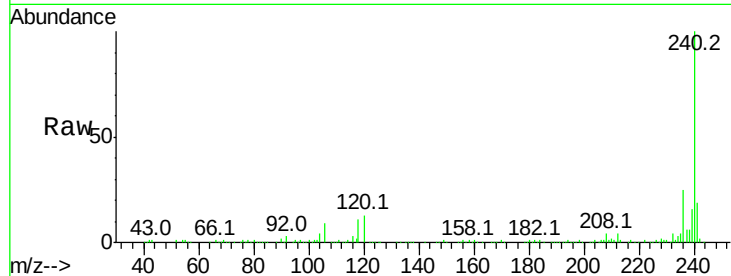
ClientSampleId :

ENV-115-4(5-10)

Tot Ion:	240	Resp:	193554
Ion Ratio	Lower	Upper	
240	100		
120	13.1	9.5	14.3
236	25.5	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 4.525 ng

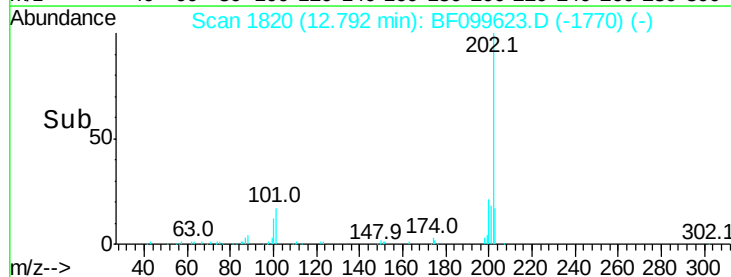
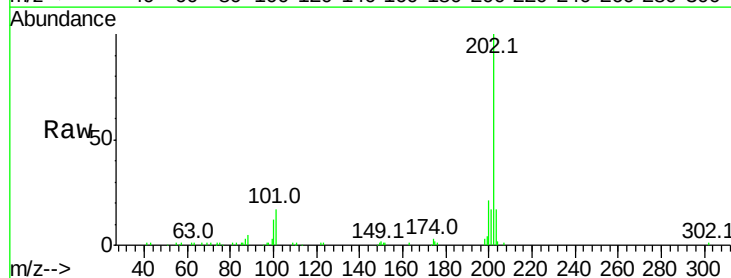
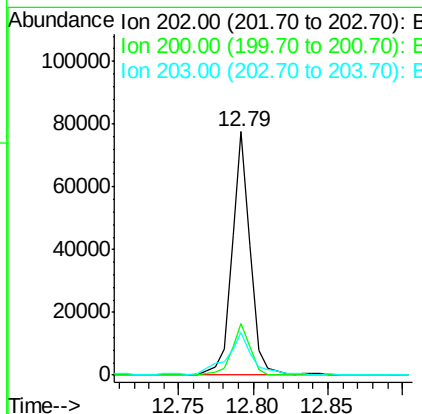
RT: 12.79 min Scan# 1820

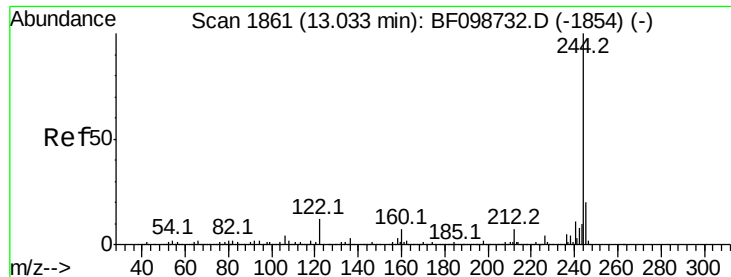
Delta R.T. -0.01 min

Lab File: BF099623.D

Acq: 18 Oct 2017 17:59

Tgt Ion:	202	Resp:	66787
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	17.5	14.3	21.5





#78

Terphenyl-d14

Concen: 67.229 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF099623.D

Acq: 18 Oct 2017 17:59

Instrument :

BNA_F

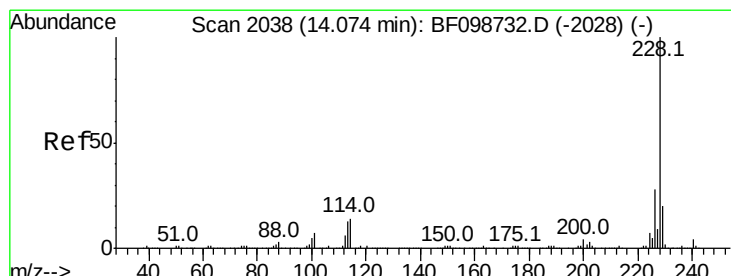
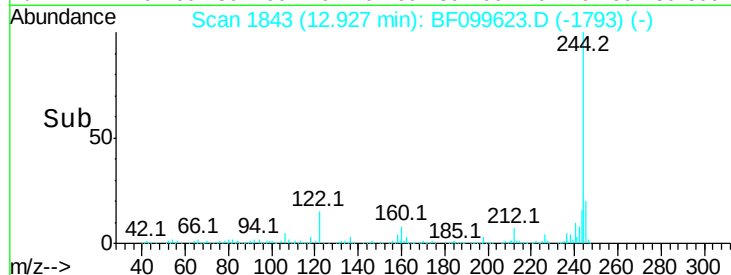
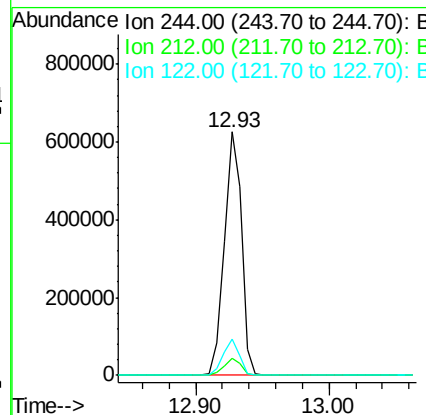
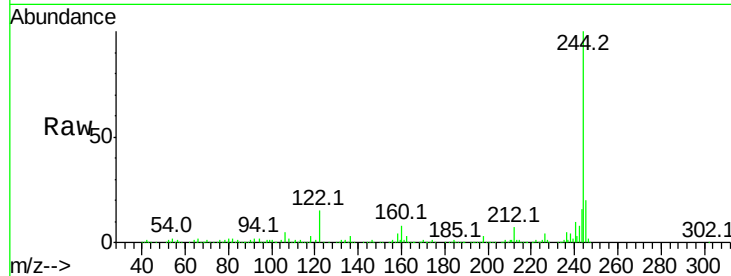
ClientSampleId :

ENV-115-4(5-10)

Tot Ion:	244	Resp:	572179
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	14.8	11.0	16.4

Manual Integrations
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Sohil
10/19/2017 5:14:52 PM



#80

Benzo(a)anthracene

Concen: 2.068 ng

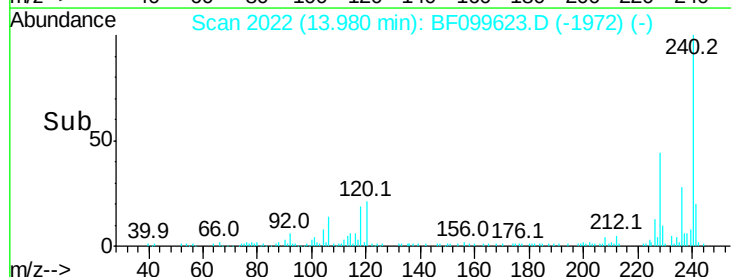
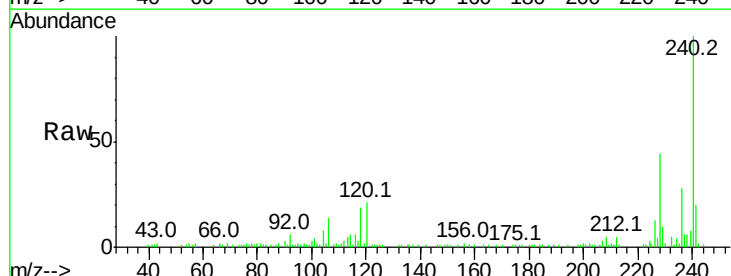
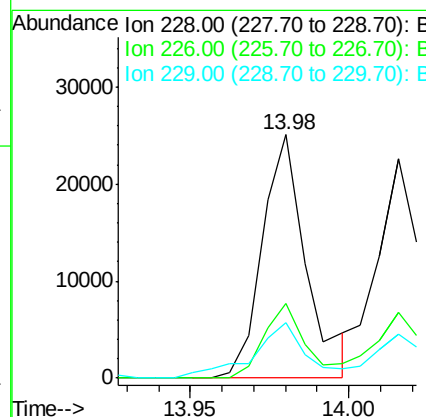
RT: 13.98 min Scan# 2022

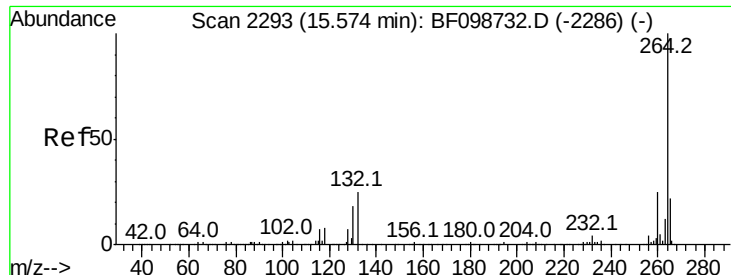
Delta R.T. -0.01 min

Lab File: BF099623.D

Acq: 18 Oct 2017 17:59

Tgt Ion:	228	Resp:	24233
Ion Ratio	Lower	Upper	
228	100		
226	30.5	22.6	33.8
229	22.8	15.8	23.6





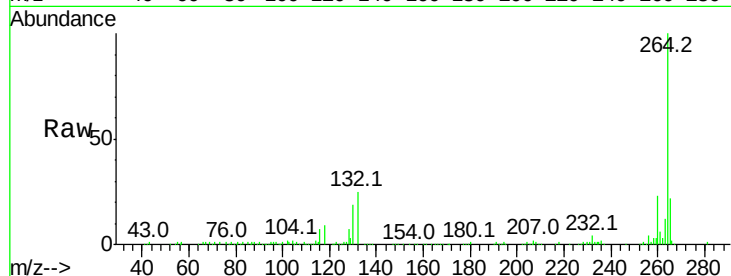
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF099623.D
 Acq: 18 Oct 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-4(5-10)

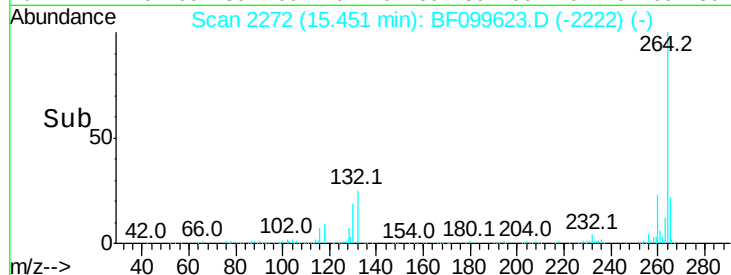
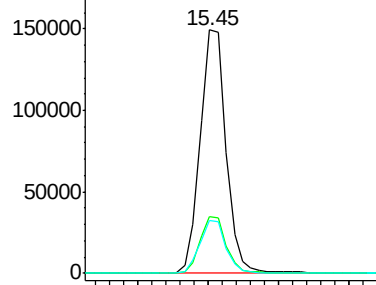
Tot Ion:	264	Resp:	191043
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	22.0	17.5	26.3

Manual Integrations
 APPROVED

Sohil
 10/19/2017 5:14:52 PM



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->