

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099565.D
 Acq On : 17 Oct 2017 1:02
 Operator : SJ/JU
 Sample : I5752-04RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-7(5-10)RE

Manual Integrations
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Sohil
 10/17/2017 5:02:04 PM

Quant Time: Oct 17 03:03:04 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	97168	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	392569	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	162758	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	241617	20.00	ng	0.00
75) Chrysene-d12	14.01	240	178840	20.00	ng	0.00
86) Perylene-d12	15.49	264	191643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	589053	96.50	ng	0.00
7) Phenol-d6	6.48	99	704784	93.60	ng	0.00
23) Nitrobenzene-d5	7.41	82	418593	68.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	115933	87.05	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	717793	73.62	ng	-0.01
78) Terphenyl-d14	12.95	244	436859	55.55	ng	0.00
Target Compounds						
10) Phenol	6.49	94	42963	5.102	ng	96
49) Dimethylphthalate	9.59	163	234850	19.118	ng	100
70) Phenanthrene	11.39	178	30902	2.389	ng	99
74) Fluoranthene	12.58	202	57625	4.400	ng	99
77) Pyrene	12.82	202	56753	4.162	ng	98
80) Benzo(a)anthracene	14.00	228	27227	2.514	ng	98
82) Chrysene	14.04	228	27134	2.632	ng	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	19138	2.321	ng	# 93
87) Benzo(b)fluoranthene	15.06	252	38400m	3.259	ng	
89) Benzo(a)pyrene	15.43	252	28153	2.603	ng	# 94

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

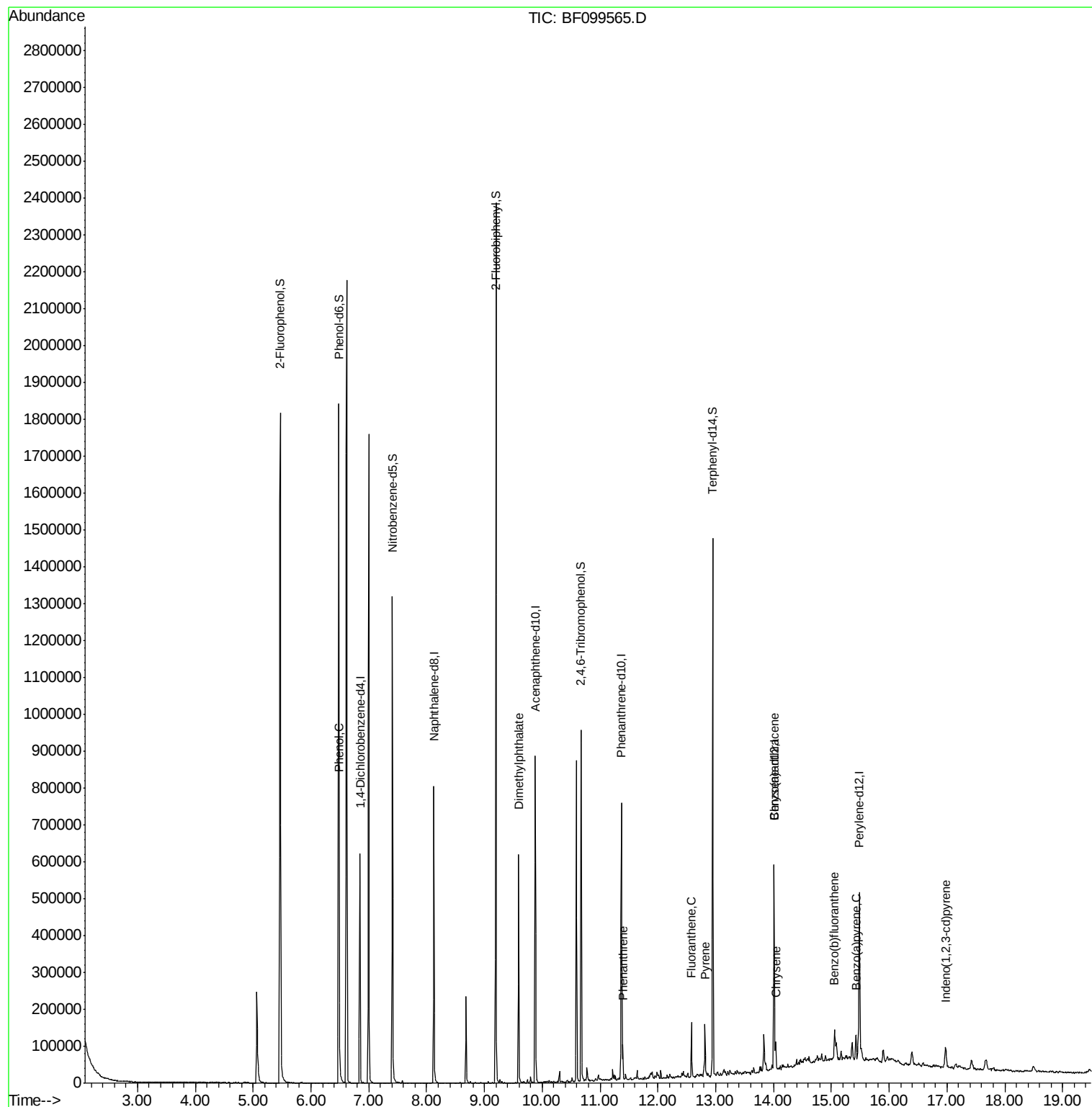
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099565.D
Acq On : 17 Oct 2017 1:02
Operator : SJ/JU
Sample : I5752-04RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

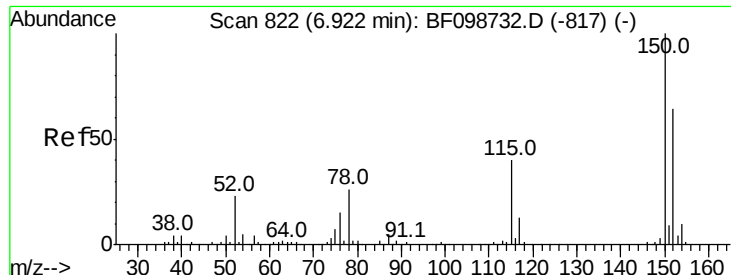
Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)RE

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Quant Time: Oct 17 03:03:04 2017
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

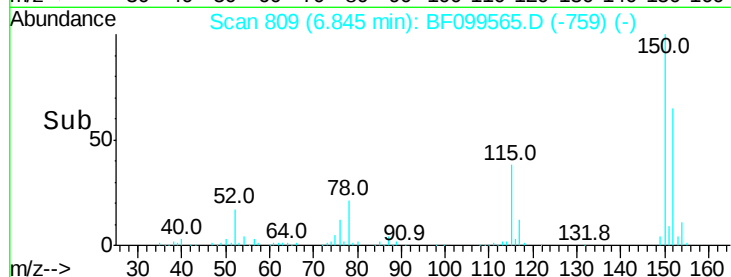
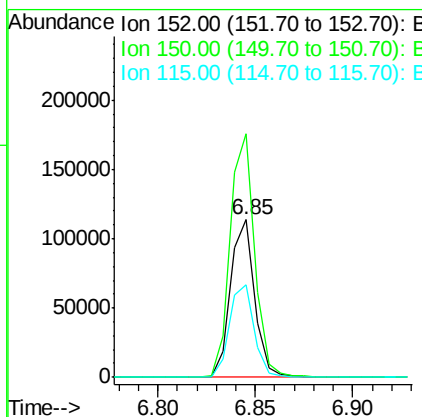
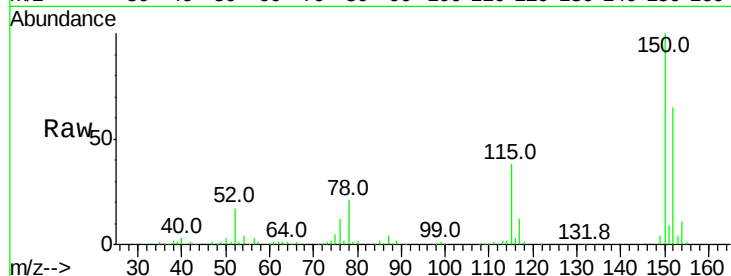
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	59.1	50.1	75.1

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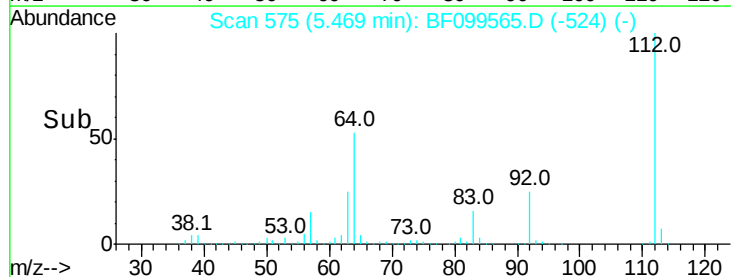
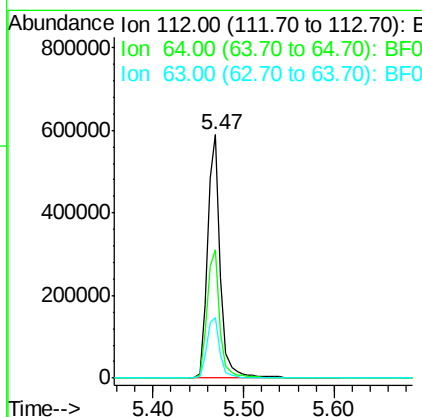
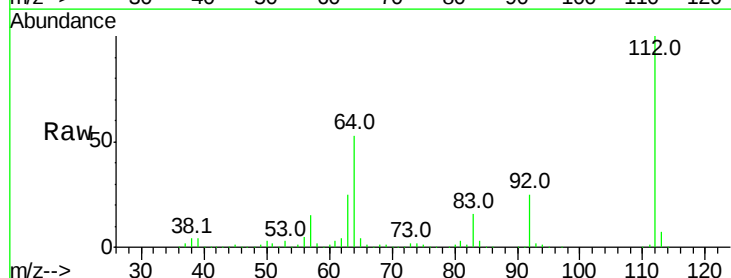
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#5

2-Fluorophenol
Concen: 96.504 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	47.9	71.9
63	25.0	23.7	35.5





#7

Phenol-d6

Concen: 93.599 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099565.D

Acq: 17 Oct 2017 1:02

Instrument :

BNA_F

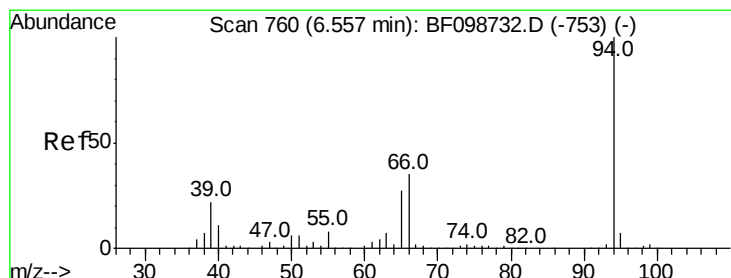
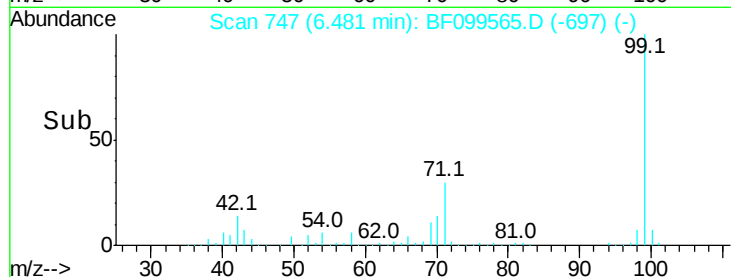
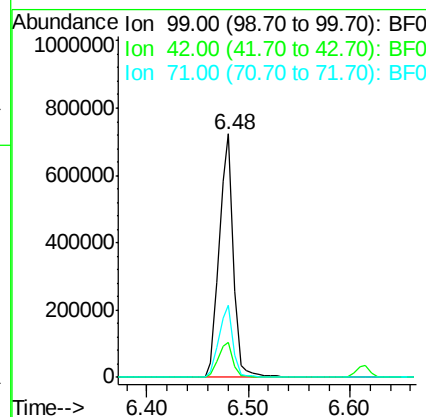
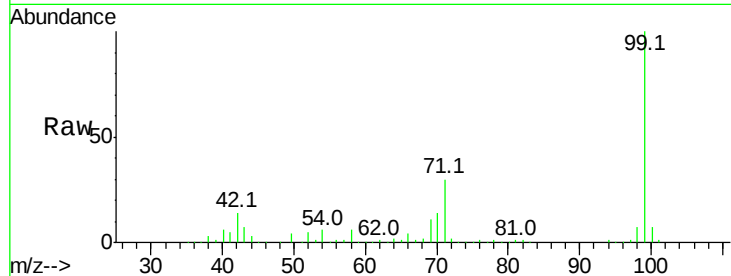
ClientSampleId :

ENV-118-7(5-10)RE

Tot Ion:	99	Resp:	704784
Ion Ratio	Lower	Upper	
99	100		
42	14.4	14.5	21.7#
71	29.8	25.4	38.0

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#10

Phenol

Concen: 5.102 ng

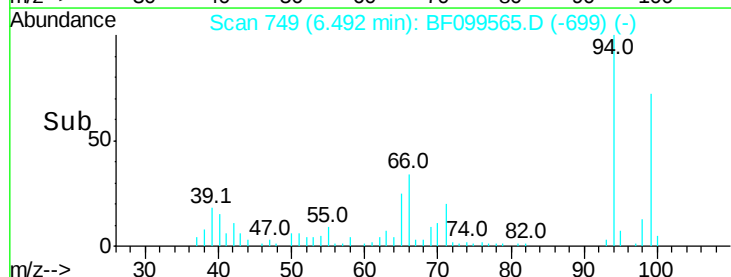
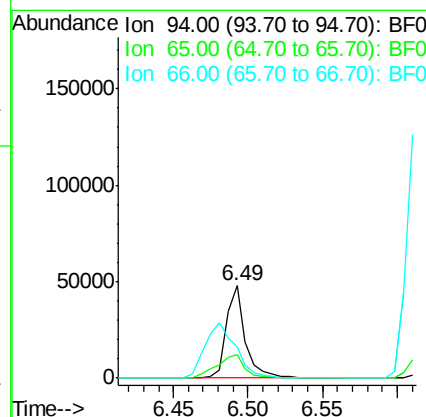
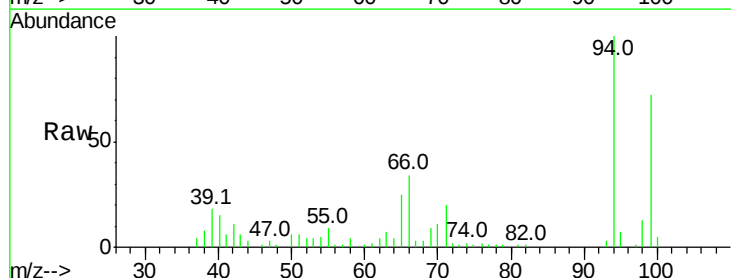
RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099565.D

Acq: 17 Oct 2017 1:02

Tgt Ion:	94	Resp:	42963
Ion Ratio	Lower	Upper	
94	100		
65	25.4	7.9	47.9
66	34.0	16.2	56.2





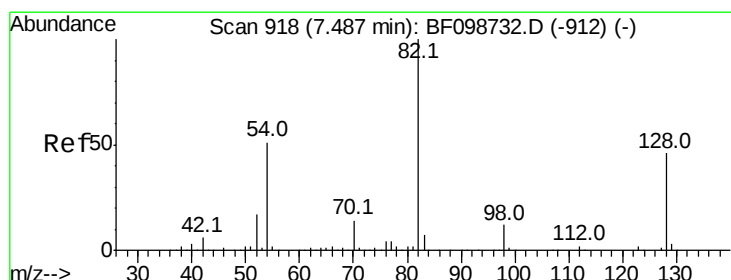
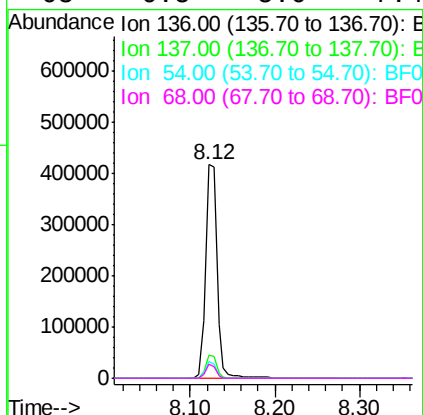
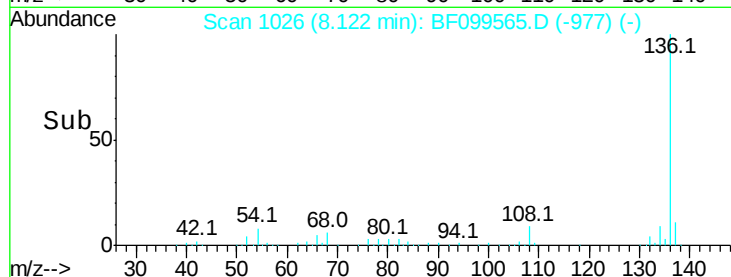
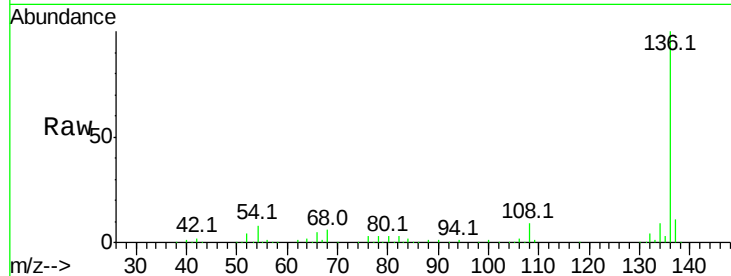
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)RE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	8.0	6.6	9.8	
68	6.5	5.0	7.4	

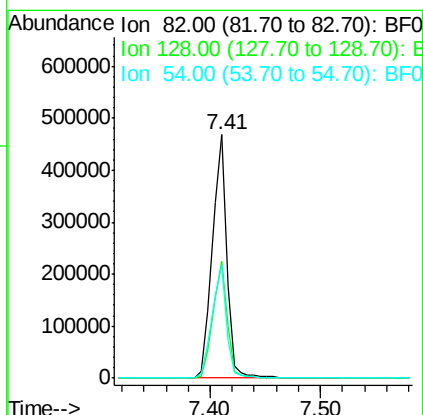
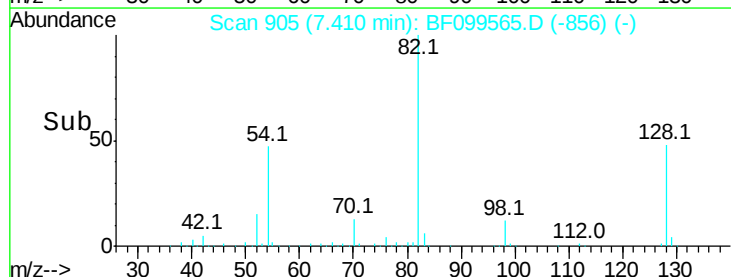
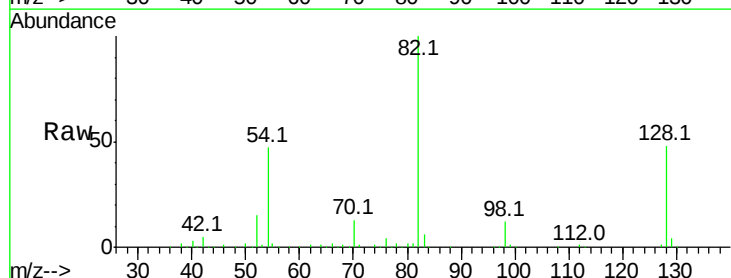
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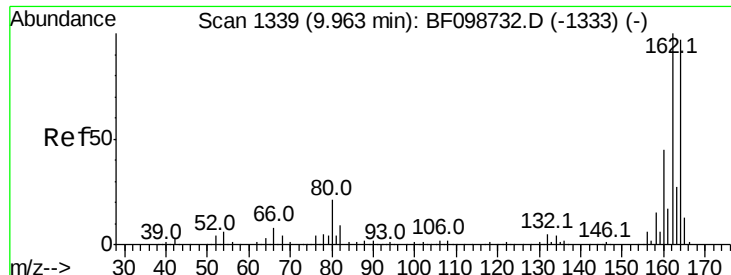
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#23
Nitrobenzene-d5
Concen: 68.381 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.2	36.1	54.1	
54	46.6	41.4	62.2	





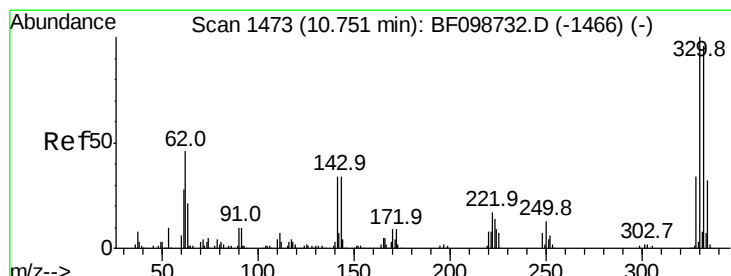
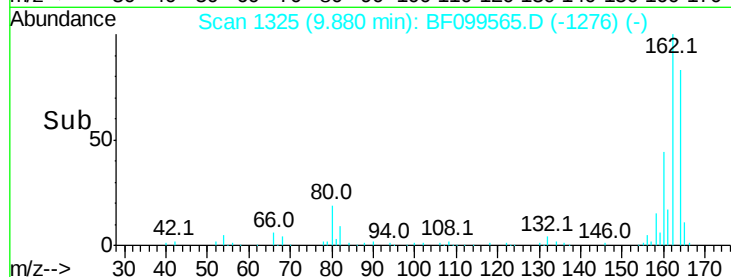
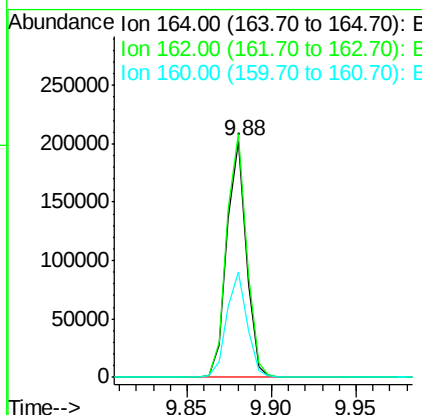
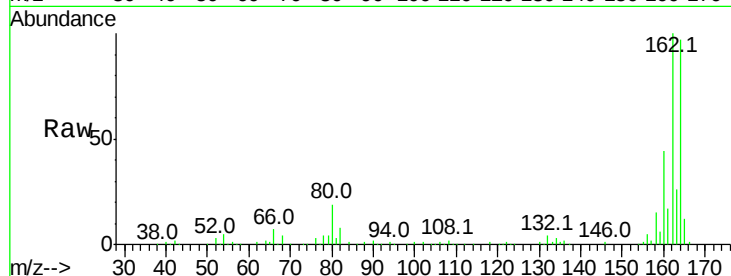
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF099565.D
 Acq: 17 Oct 2017 1:02

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-7(5-10)RE

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	44.9	38.3	57.5

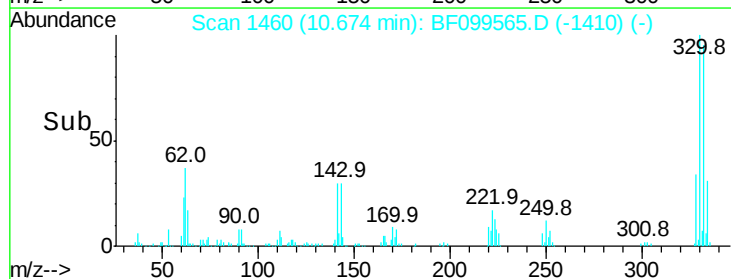
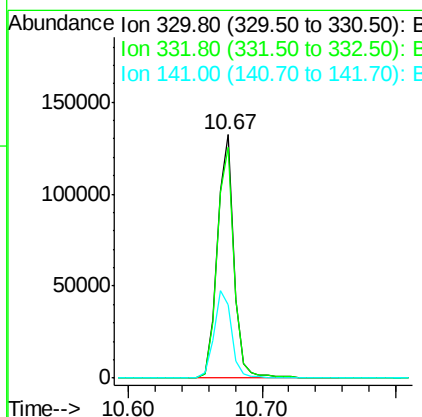
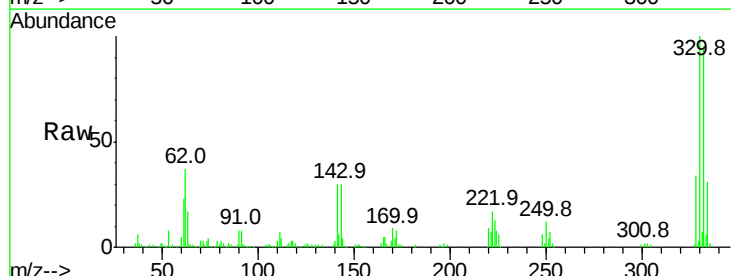
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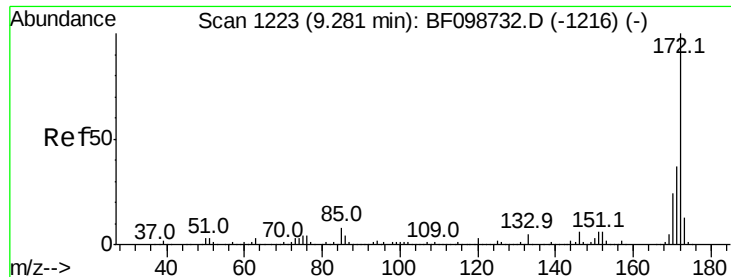
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#41
 2,4,6-Tribromophenol
 Concen: 87.050 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099565.D
 Acq: 17 Oct 2017 1:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	38.2	29.9	44.9





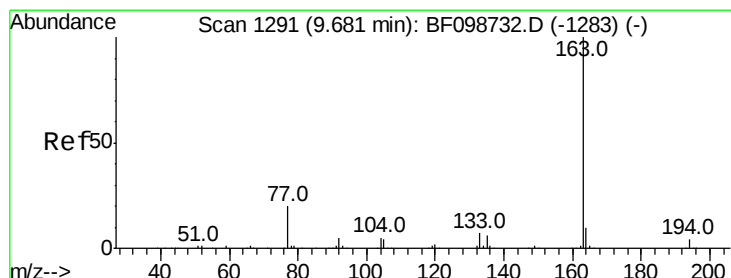
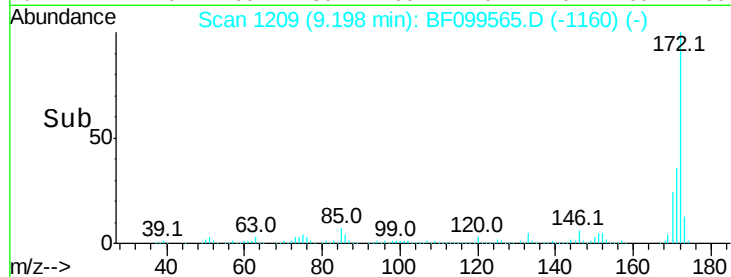
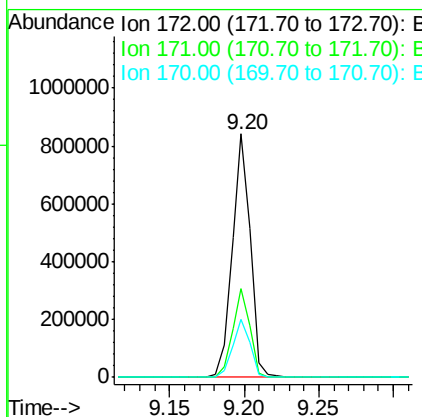
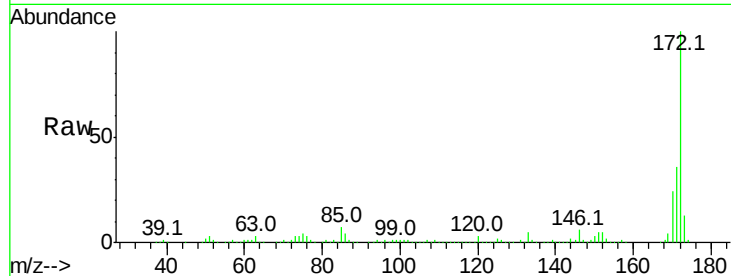
#44
2-Fluorobiphenyl
Concen: 73.624 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)RE

Tot Ion	Ratio	Resp	Lower	Upper
172	100	717793		
171	36.3		29.7	44.5
170	23.7		19.6	29.4

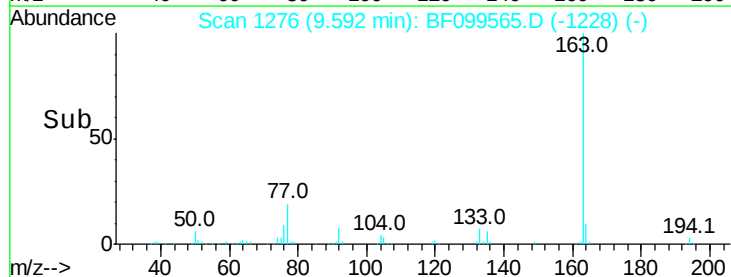
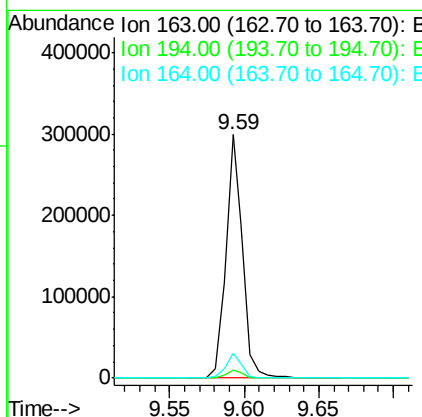
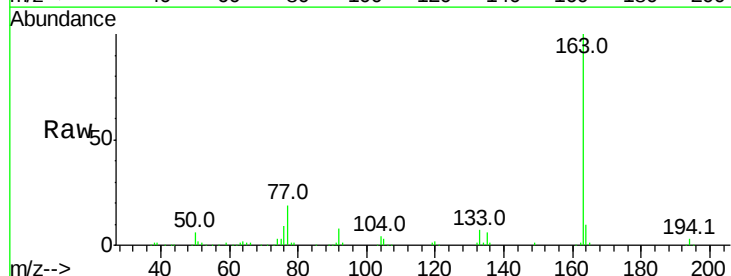
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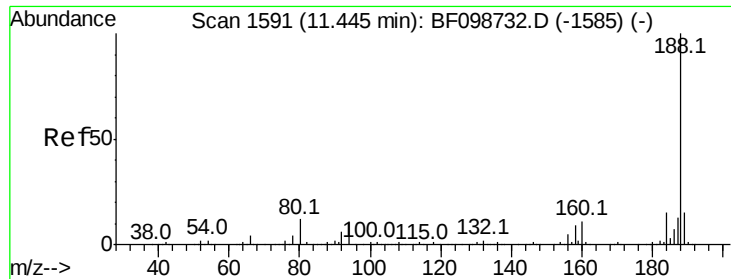
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#49
Dimethylphthalate
Concen: 19.118 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	234850		
194	3.5		2.7	4.1
164	10.2		8.2	12.2





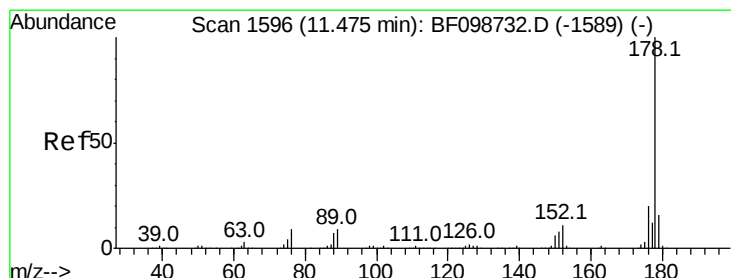
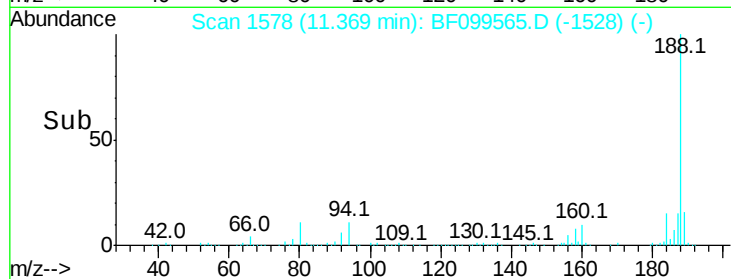
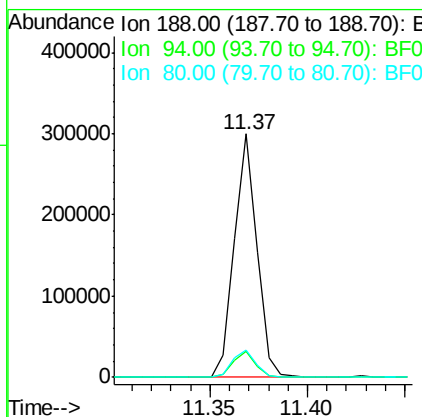
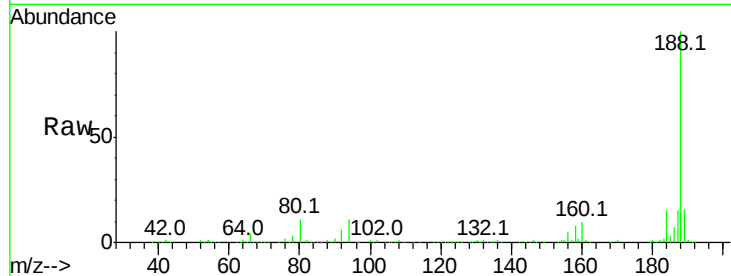
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)RE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.1	9.2	13.8

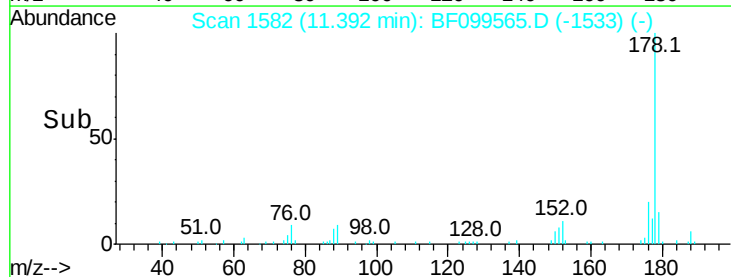
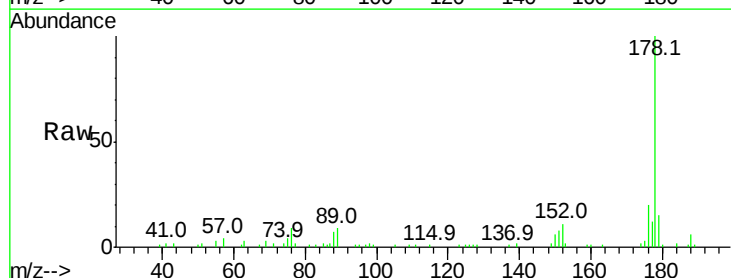
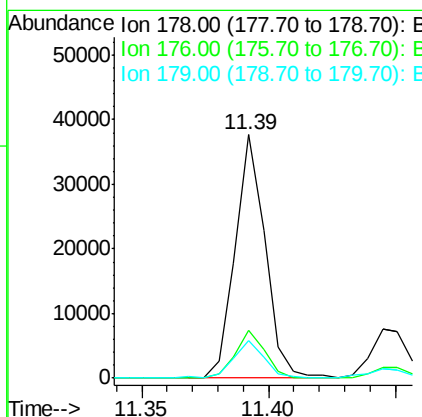
Manual Integrations
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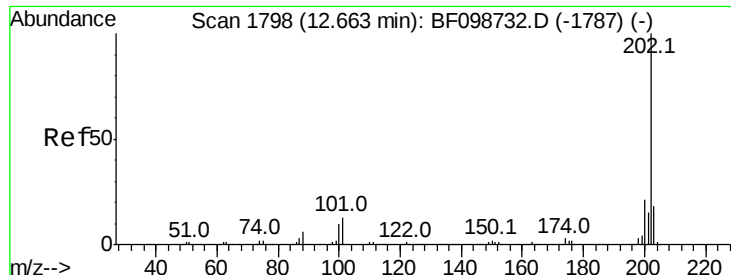
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#70
Phenanthrene
Concen: 2.389 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.4	13.0	19.6





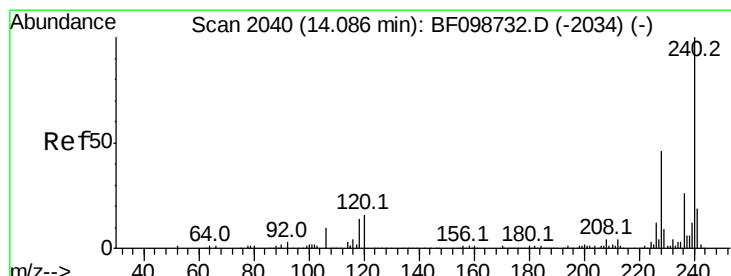
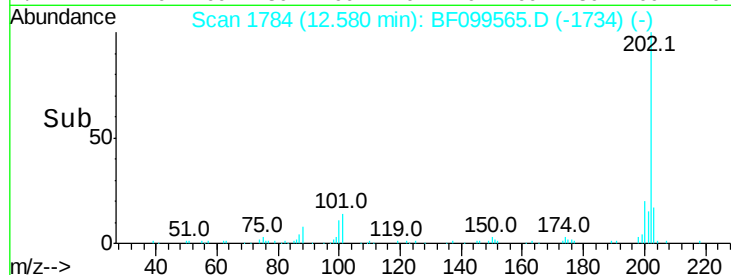
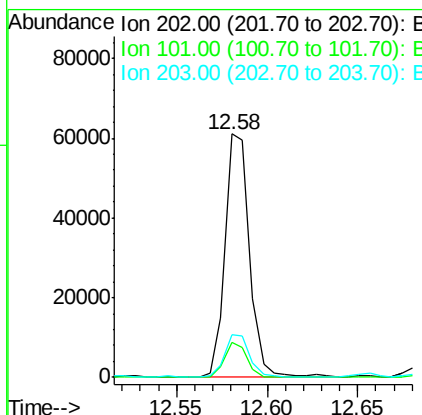
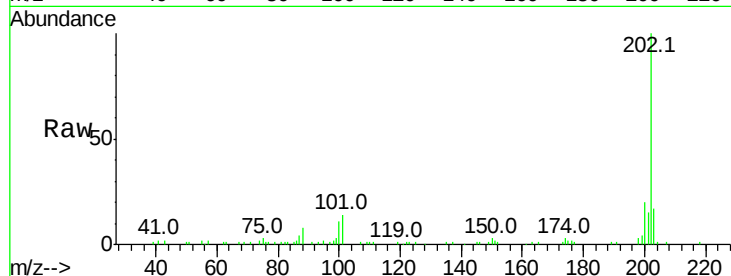
#74
Fluoranthene
Concen: 4.400 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.5	0.0	34.1
203	17.5	0.0	38.1

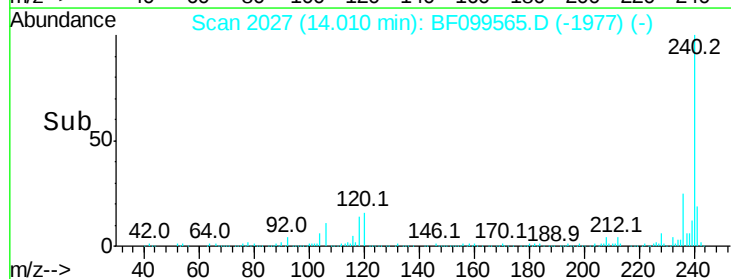
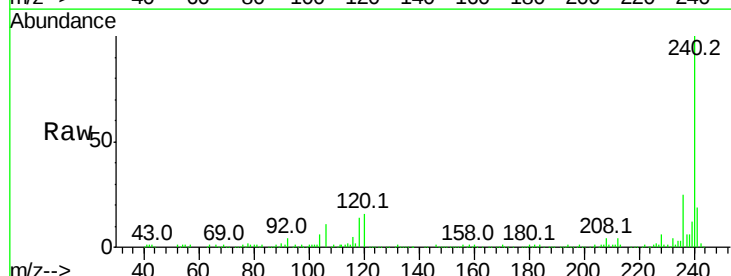
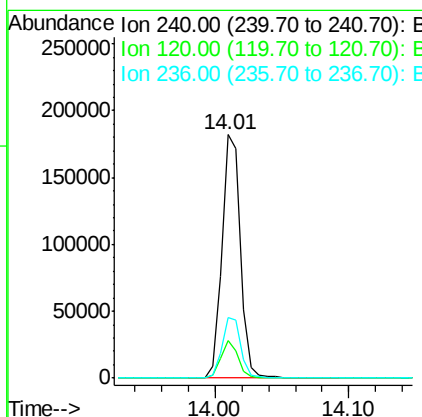
Manual Integrations
APPROVED

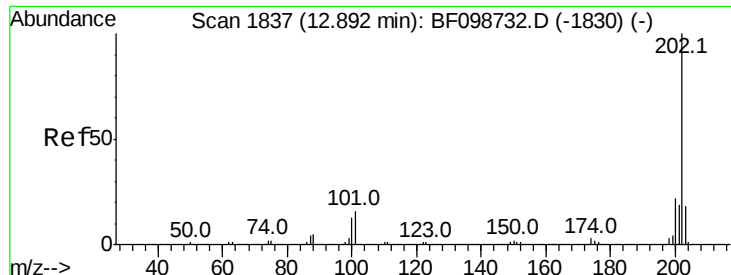
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	24.8	20.7	31.1





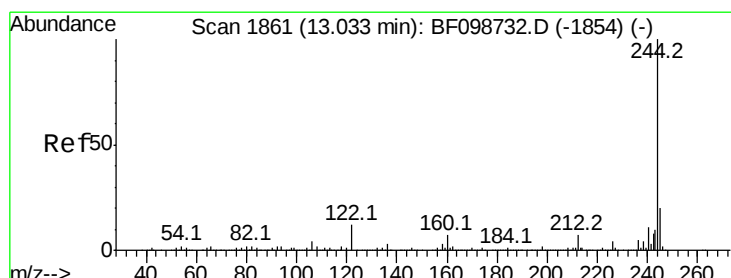
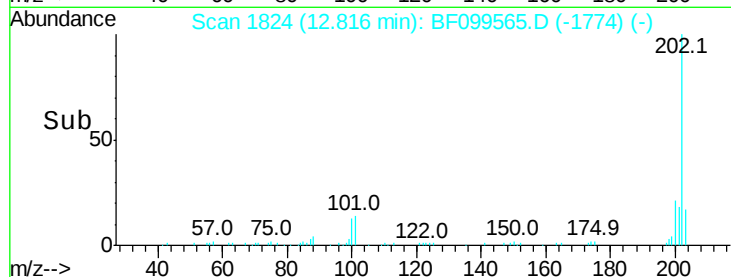
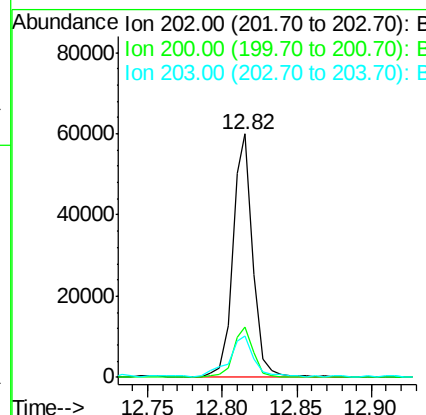
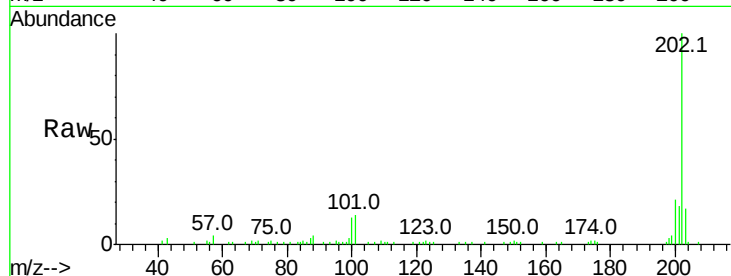
#77
Pvrene
Concen: 4.162 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.2	14.3	21.5

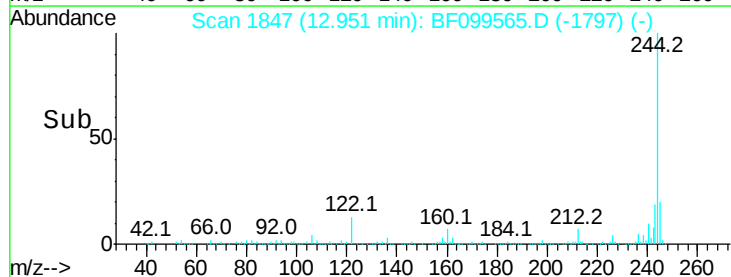
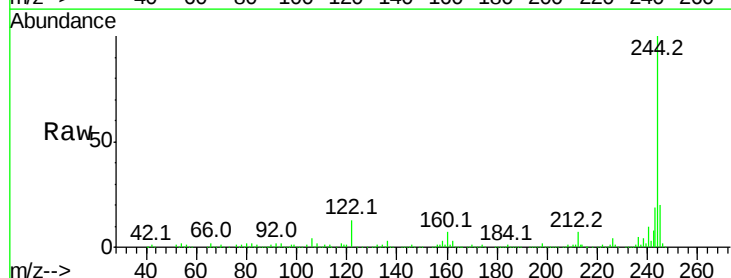
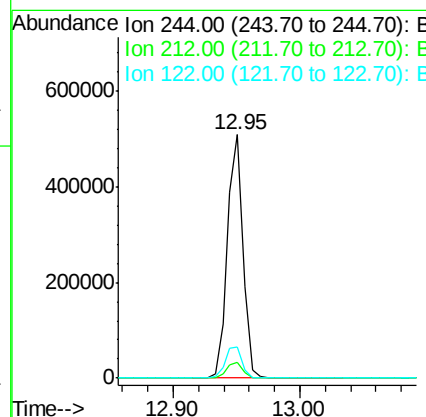
Manual Integrations
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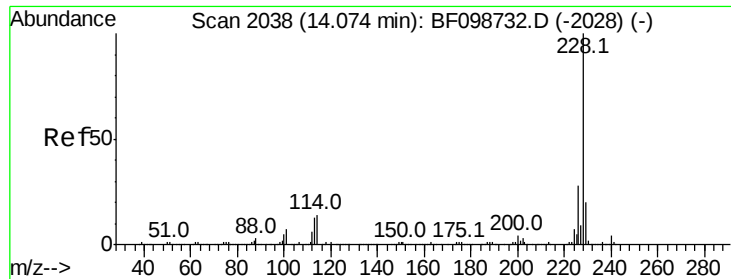
Sohil
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#78
Terphenyl-d14
Concen: 55.553 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.9	11.0	16.4





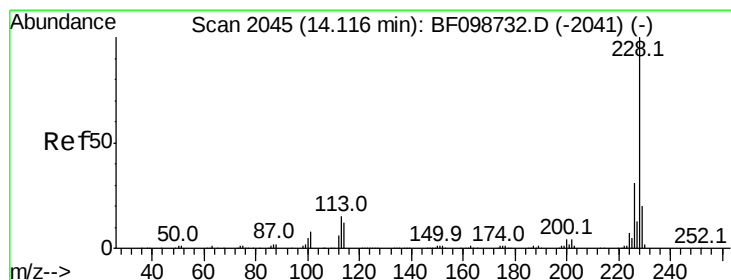
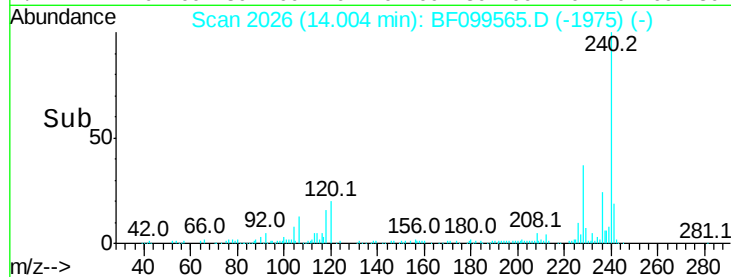
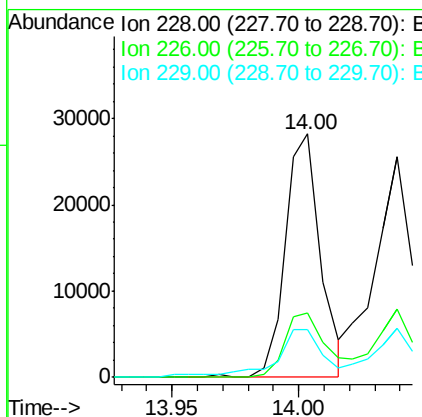
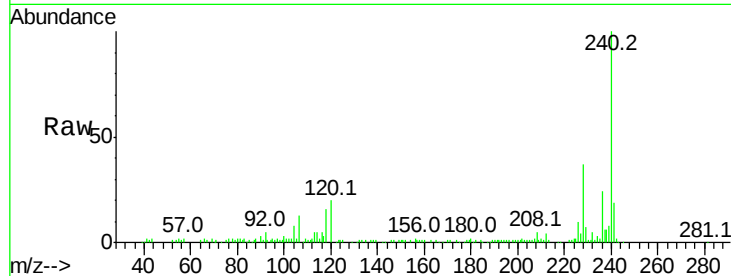
#80
Benzo(a)anthracene
Concen: 2.514 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	19.5	15.8	23.6

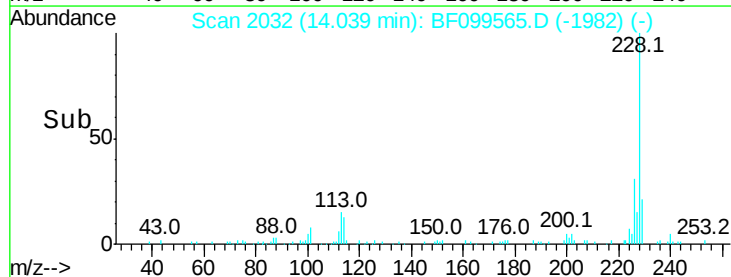
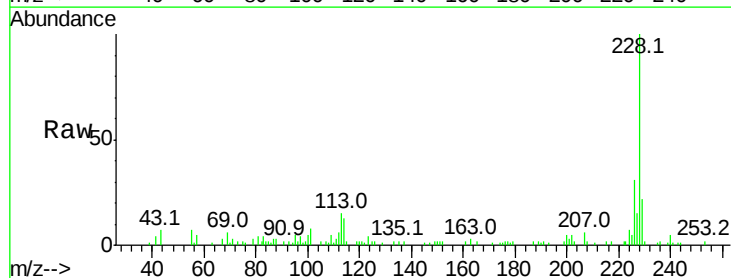
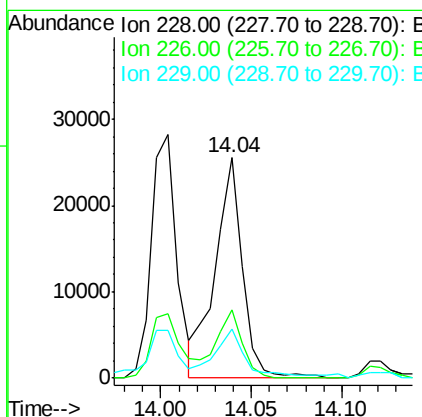
Manual Integrations
APPROVED

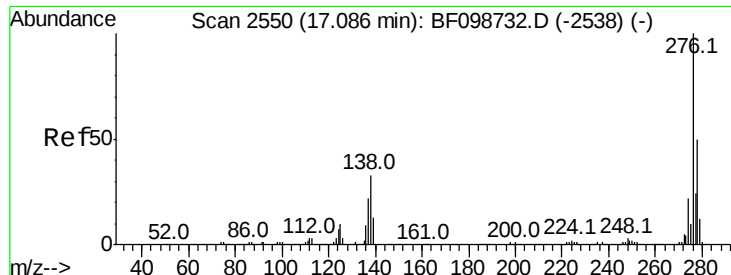
Sohil
10/17/2017 5:02:04 PM



#82
Chrysene
Concen: 2.632 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	22.0	16.2	24.4





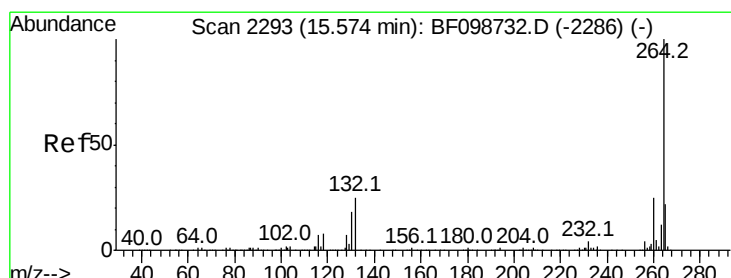
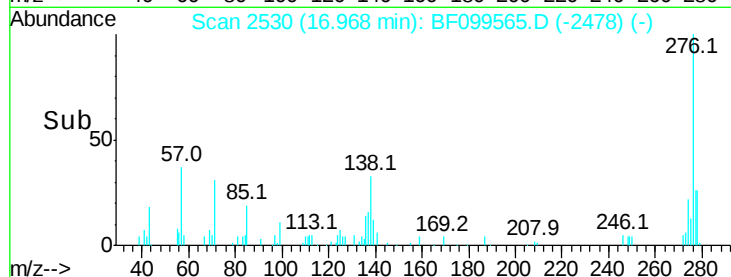
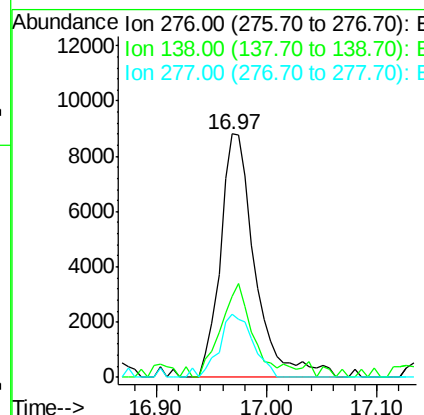
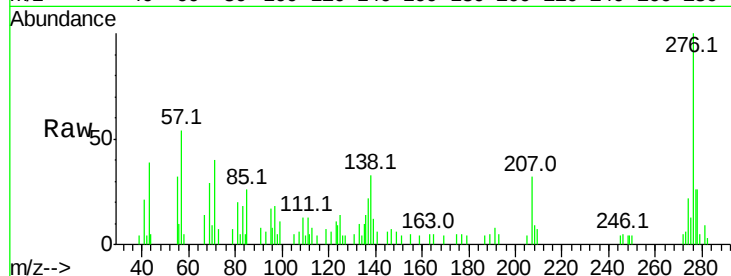
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.321 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)RE

Tot Ion	Ratio	Lower	Upper
276	100		
138	38.3	25.0	37.6#
277	25.7	20.1	30.1

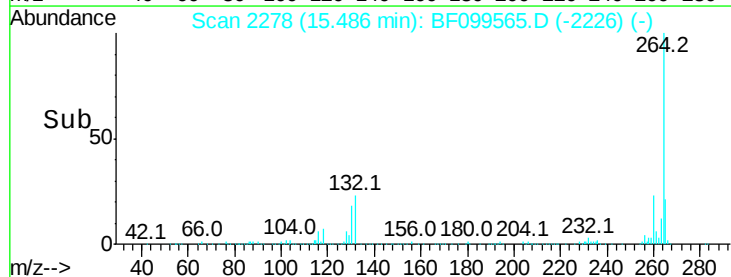
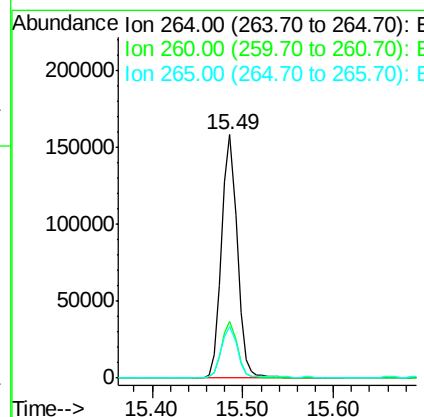
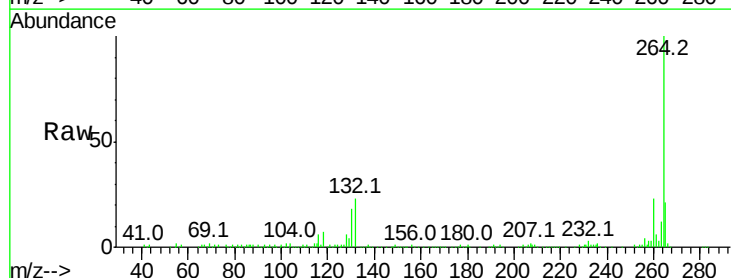
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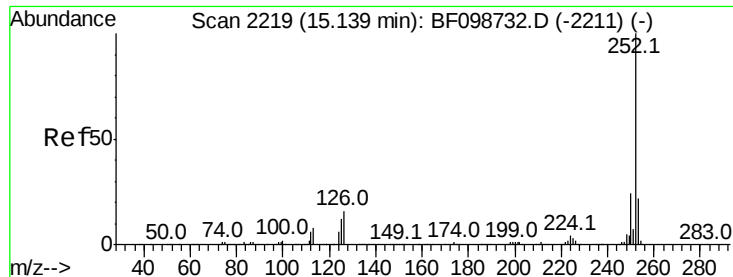
Sohil
10/17/2017 5:02:04 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	17.5	26.3





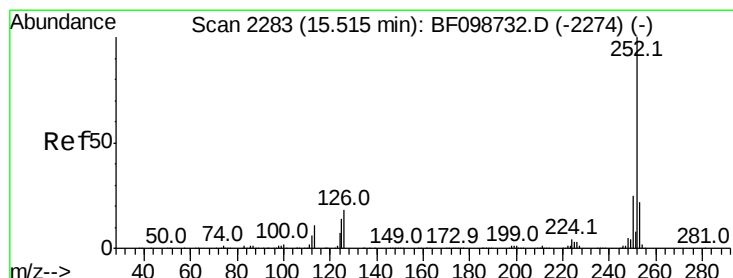
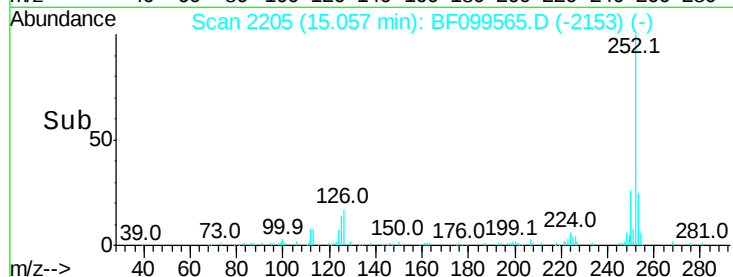
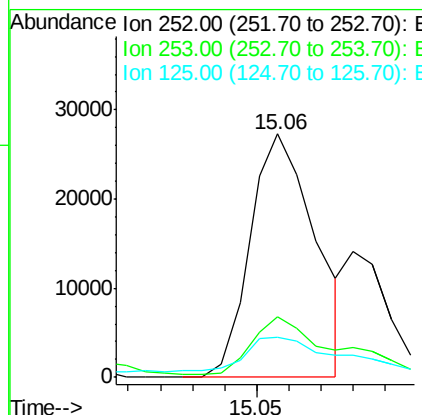
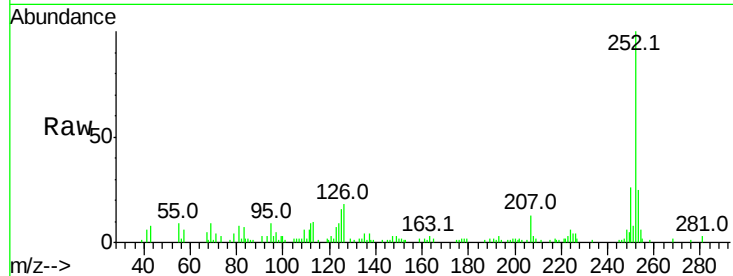
#87
Benzo(b)fluoranthene
Concen: 3.259 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Instrument :
BNA_F
ClientSampleId :
ENV-118-7(5-10)RE

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.0	17.0	25.6
125	16.3	9.0	13.6

Manual Integrations
APPROVED

Sohil
10/17/2017 5:02:04 PM



#89
Benzo(a)pyrene
Concen: 2.603 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF099565.D
Acq: 17 Oct 2017 1:02

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.7	17.1	25.7
125	16.4	9.8	14.6

