

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098783.D
 Acq On : 25 Sep 2017 15:08
 Operator : SJ/JU
 Sample : I5364-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-125-17(0-5)

Manual Integrations
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Quant Time: Sep 26 07:03:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	146080	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	572320	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	222299	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	318215	20.00	ng	0.00
75) Chrysene-d12	14.08	240	274085	20.00	ng	0.00
86) Perylene-d12	15.57	264	204555	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	940001	102.44	ng	0.00
7) Phenol-d6	6.54	99	1135775	100.33	ng	0.00
23) Nitrobenzene-d5	7.47	82	669248	74.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	162762	89.48	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1040800	78.16	ng	0.00
78) Terphenyl-d14	13.02	244	683349	56.70	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	28456	2.248	ng	97
49) Dimethylphthalate	9.66	163	136299	8.124	ng	99
74) Fluoranthene	12.65	202	38316	2.221	ng	97
87) Benzo(b)fluoranthene	15.13	252	27219m	2.164	ng	

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

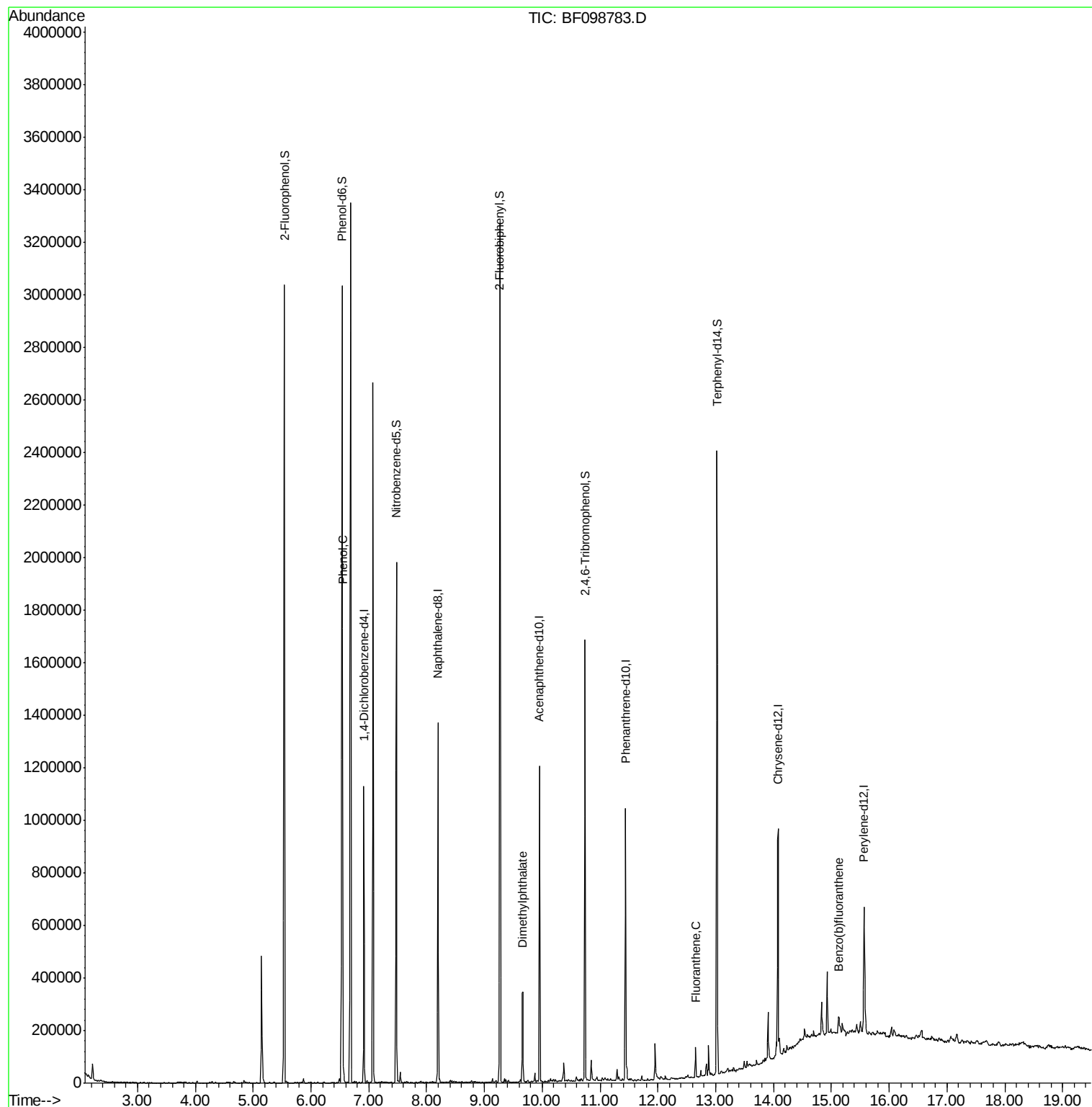
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098783.D
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Sample : I5364-03
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ALS Vial : 12 Sample Multiplier: 1

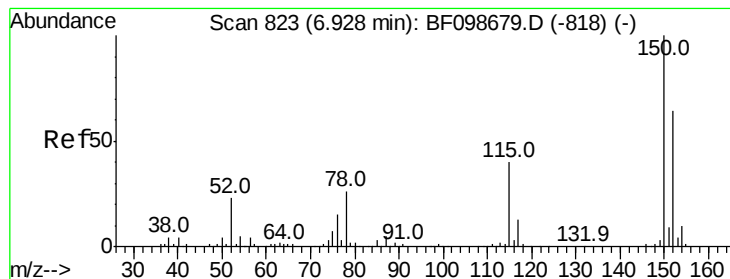
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-125-17(0-5)

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration





#1

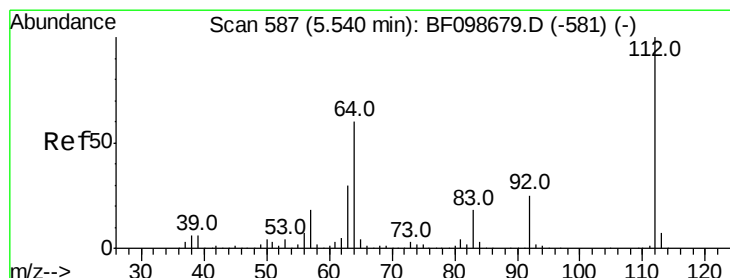
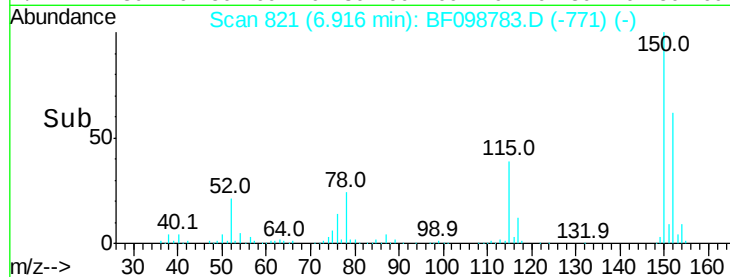
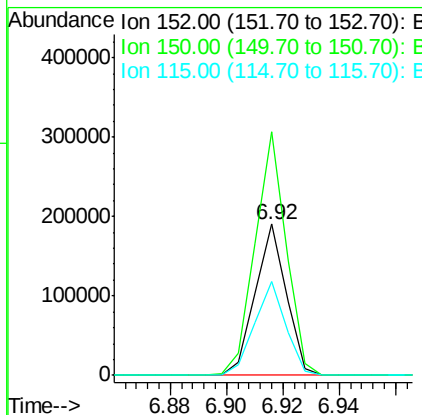
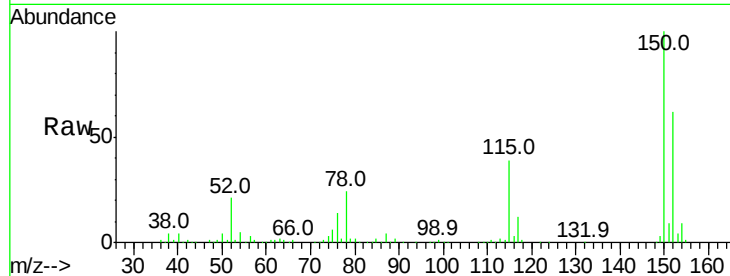
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098783.D
Acq: 25 Sep 2017 15:08

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-125-17(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.6	186.8
115	62.2	50.1	75.1

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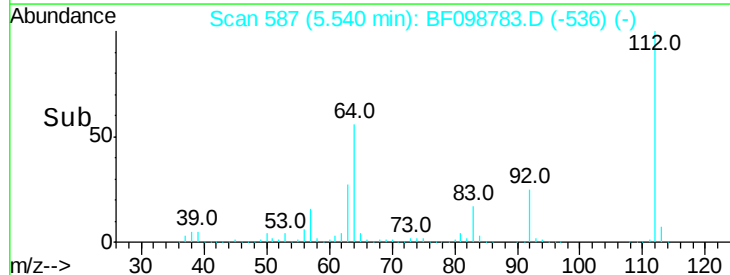
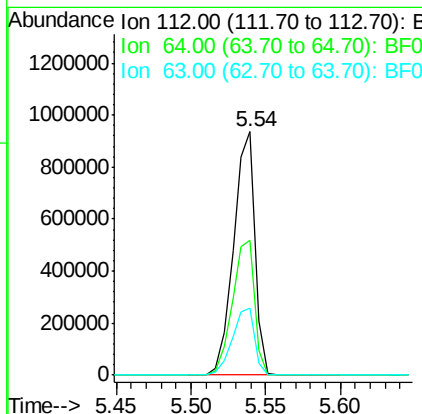
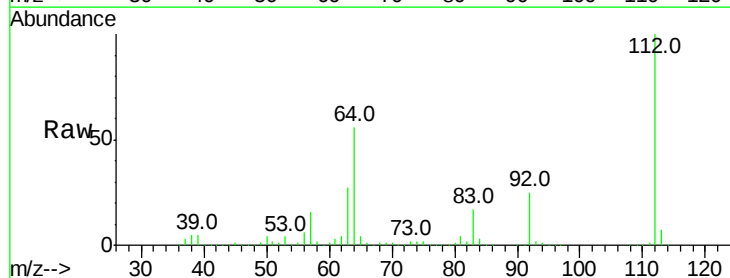
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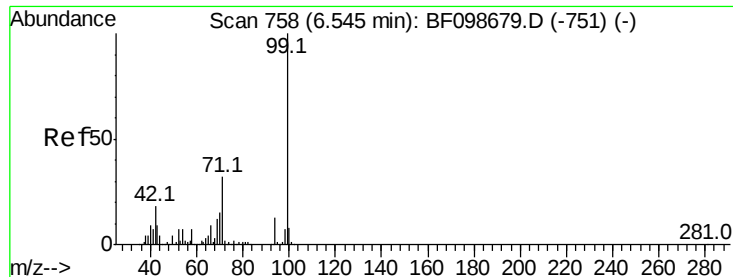


#5

2-Fluorophenol
Concen: 102.436 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098783.D
Acq: 25 Sep 2017 15:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	27.4	23.7	35.5





#7

Phenol-d6

Concen: 100.332 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098783.D

Acq: 25 Sep 2017 15:08

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-125-17(0-5)

Tot Ion: 99 Resp: 1135775

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

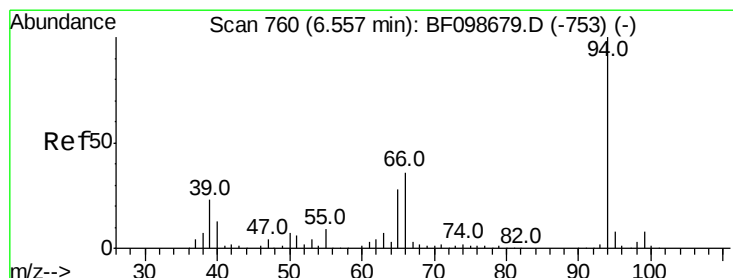
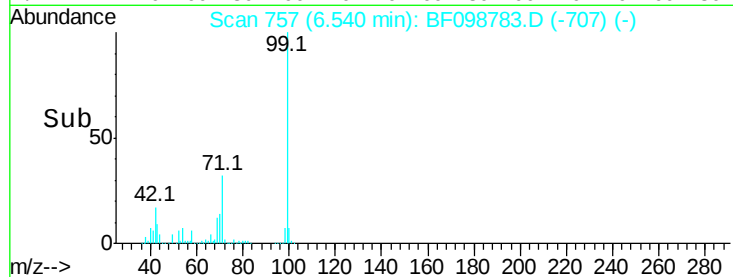
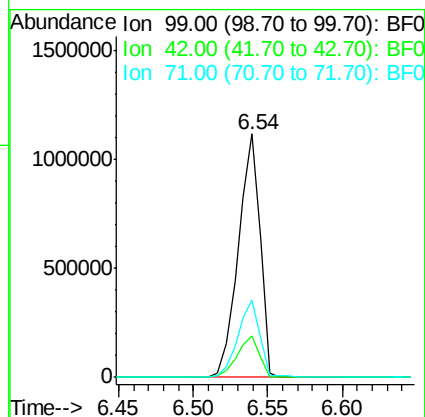
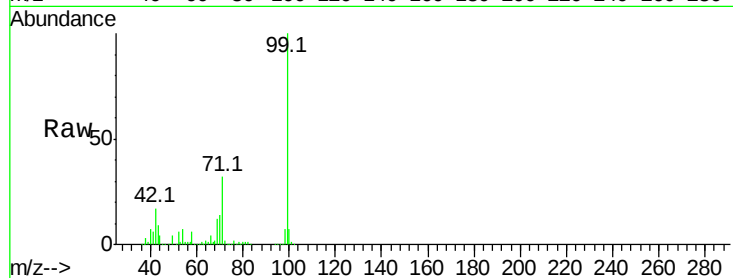
71 31.5 25.4 38.0

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#10

Phenol

Concen: 2.248 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098783.D

Acq: 25 Sep 2017 15:08

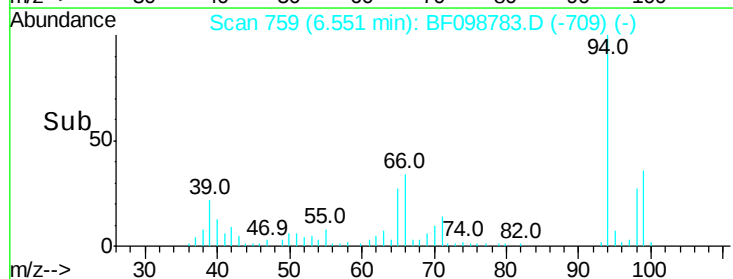
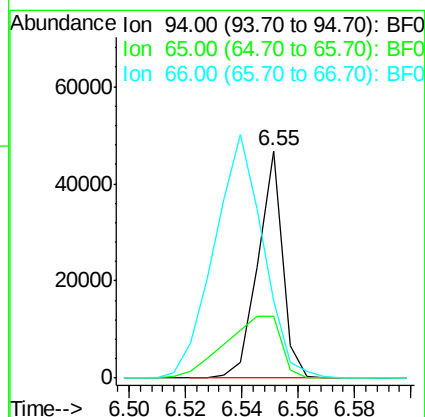
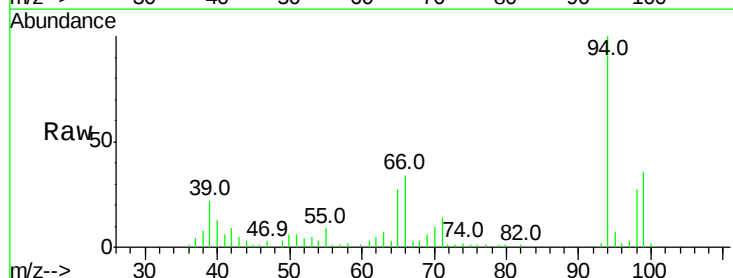
Tgt Ion: 94 Resp: 28456

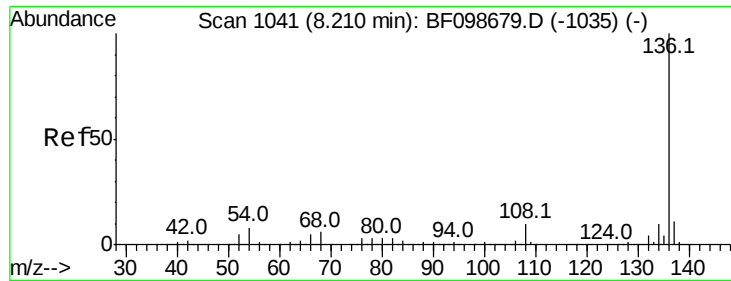
Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

66 33.7 16.2 56.2





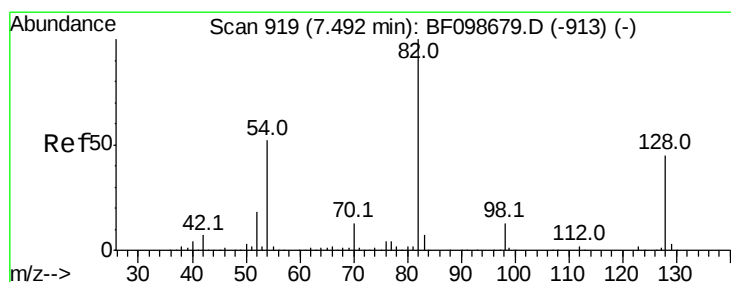
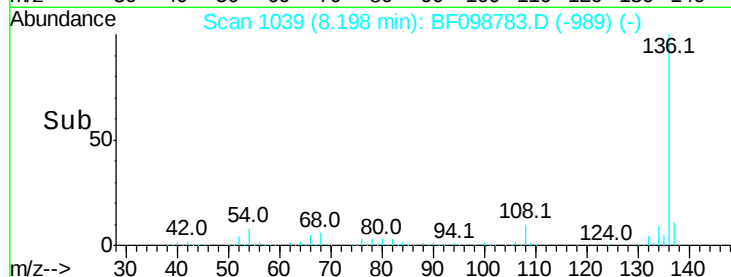
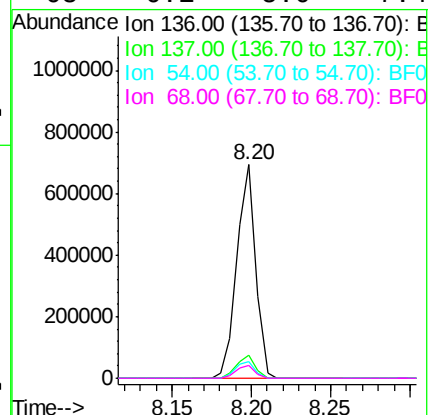
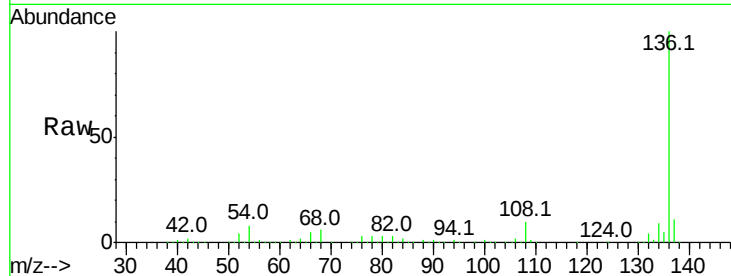
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098783.D
Acq: 25 Sep 2017 15:08

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-125-17(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	7.6	6.6	9.8	
68	6.1	5.0	7.4	

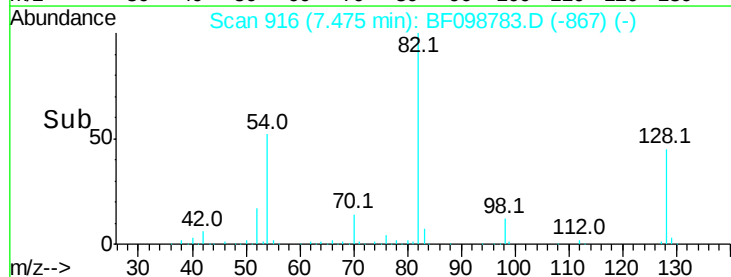
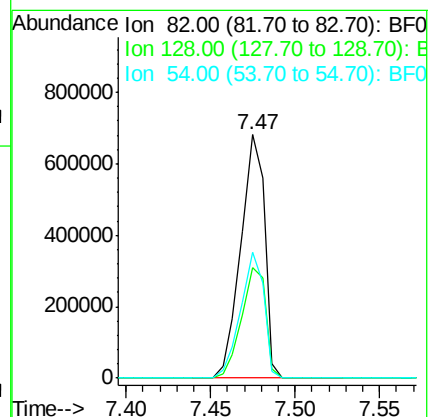
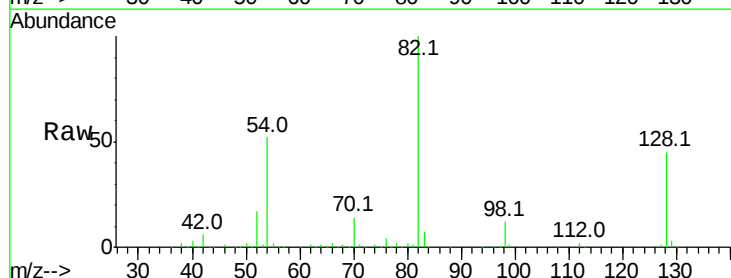
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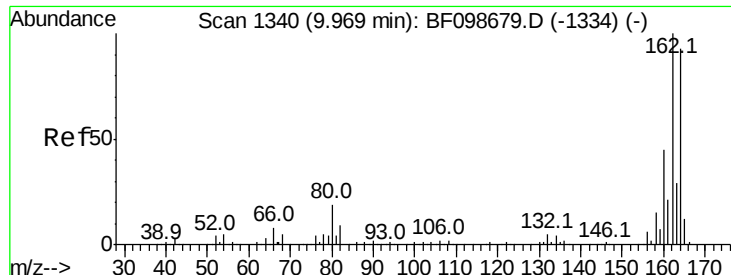
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#23
Nitrobenzene-d5
Concen: 74.991 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098783.D
Acq: 25 Sep 2017 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.2	36.1	54.1	
54	51.8	41.4	62.2	





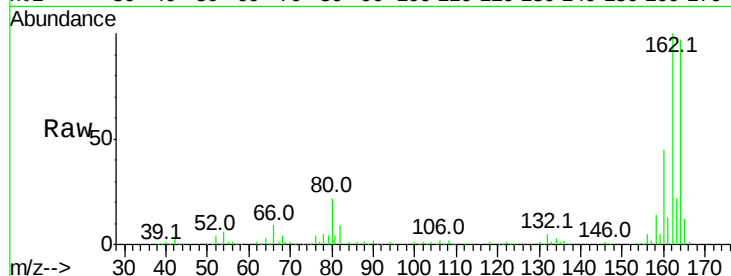
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098783.D
 Acq: 25 Sep 2017 15:08

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-125-17(0-5)

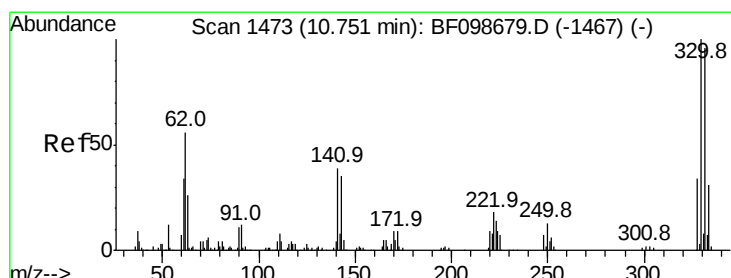
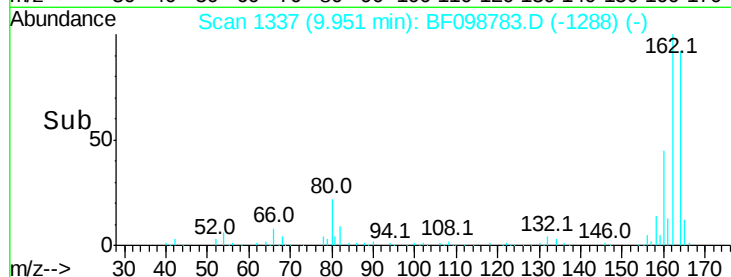
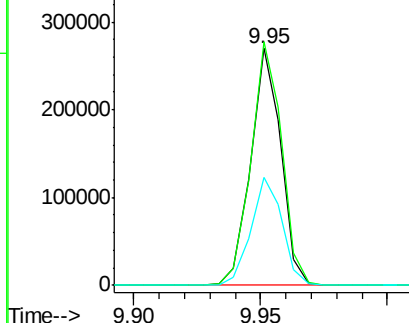
Tot Ion	Ratio	Resp	Lower	Upper
164	100	222299		
162	102.8	86.1	129.1	
160	45.8	38.3	57.5	

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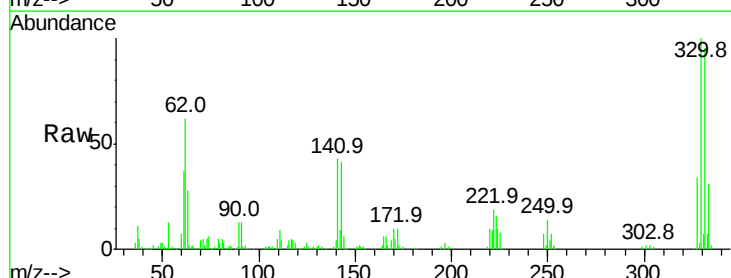


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

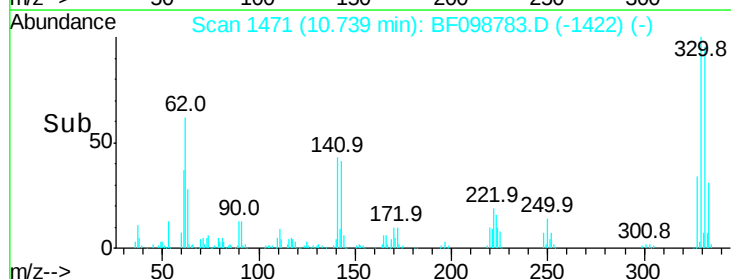
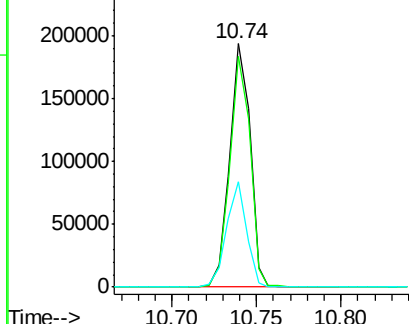


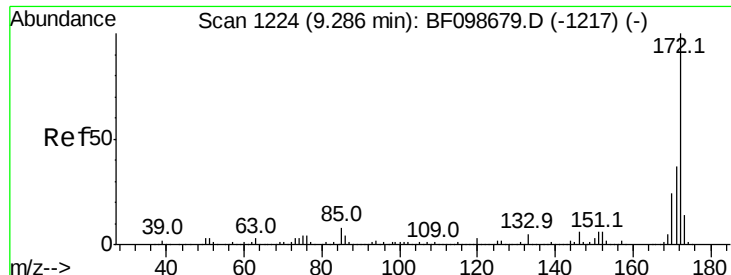
#41
 2,4,6-Tribromophenol
 Concen: 89.478 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098783.D
 Acq: 25 Sep 2017 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	162762		
332	94.5	77.0	115.6	
141	42.9	29.9	44.9	



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 78.162 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF098783.D

Acq: 25 Sep 2017 15:08

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-125-17(0-5)

Tot Ion:172 Resp: 1040800

Ion Ratio Lower Upper

172 100

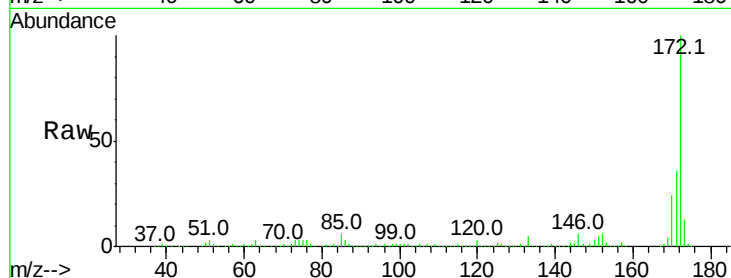
171 36.3 29.7 44.5

170 23.9 19.6 29.4

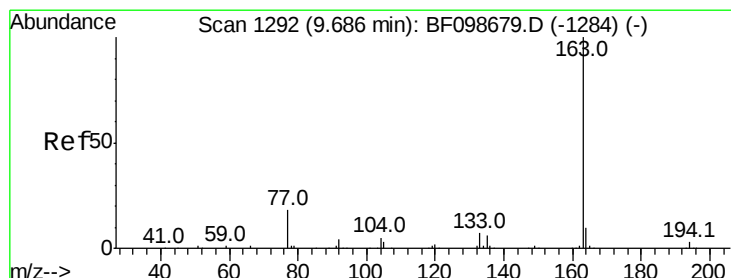
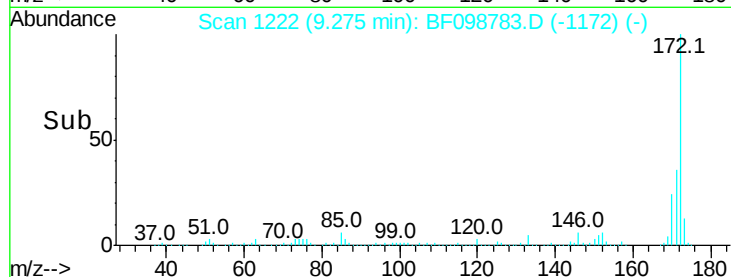
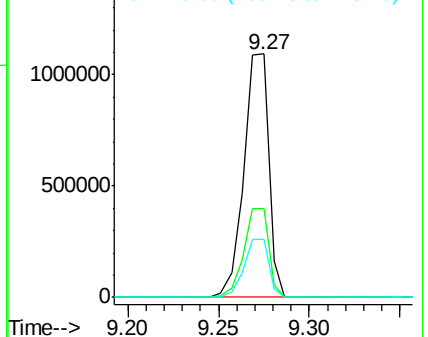
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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 8.124 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF098783.D

Acq: 25 Sep 2017 15:08

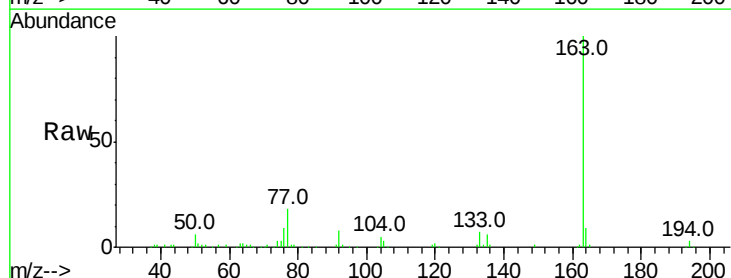
Tgt Ion:163 Resp: 136299

Ion Ratio Lower Upper

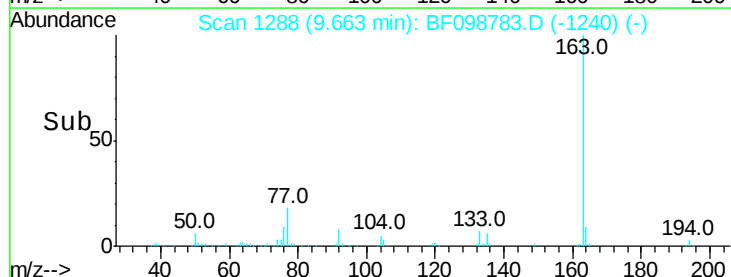
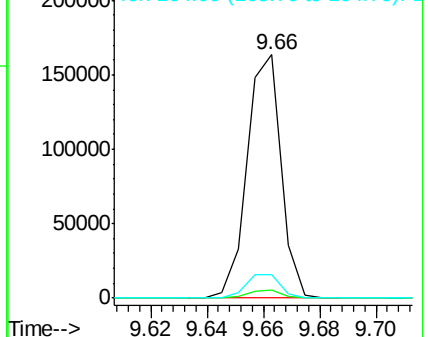
163 100

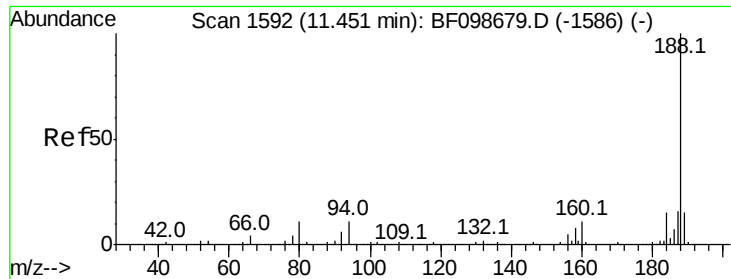
194 3.5 2.7 4.1

164 9.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





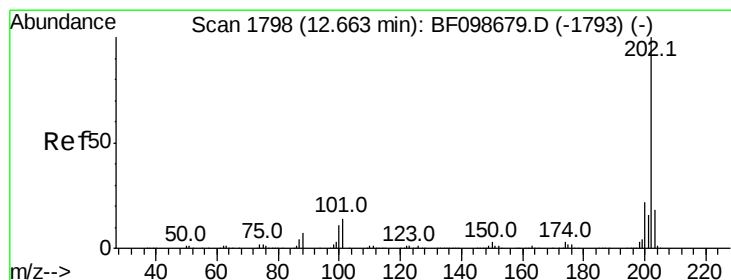
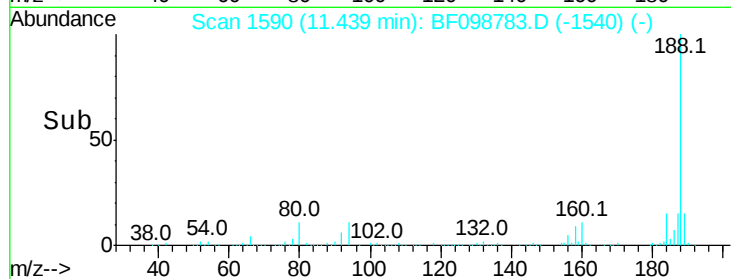
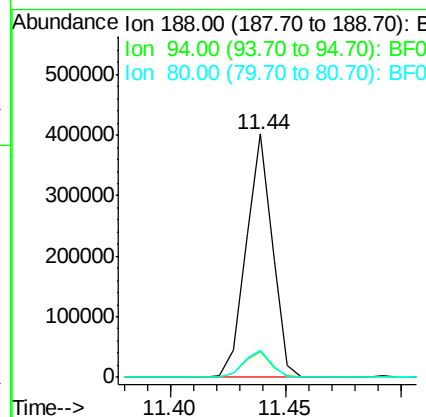
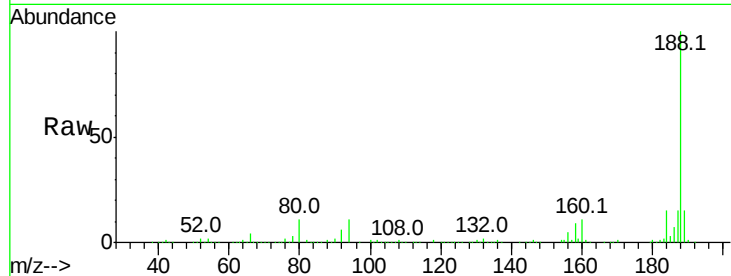
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098783.D
Acq: 25 Sep 2017 15:08

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-125-17(0-5)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.3	9.2	13.8

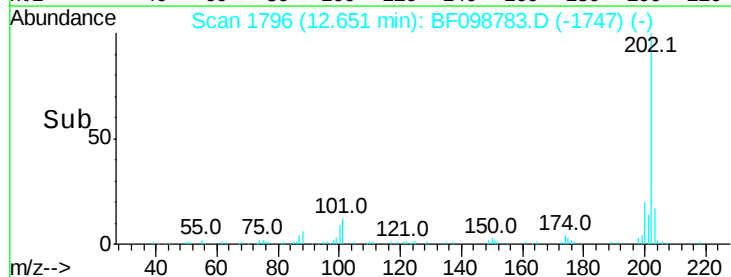
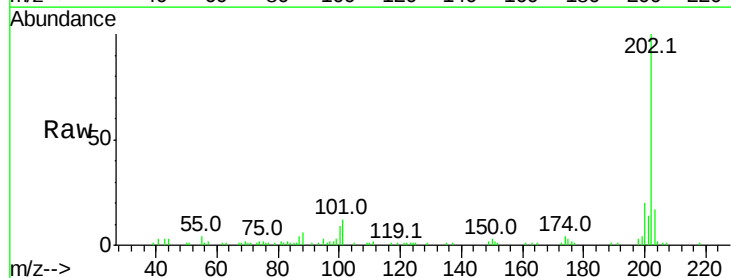
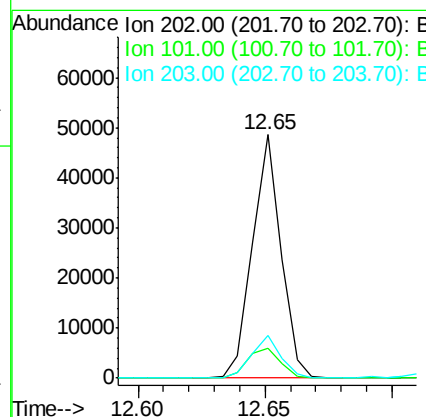
Manual Integrations
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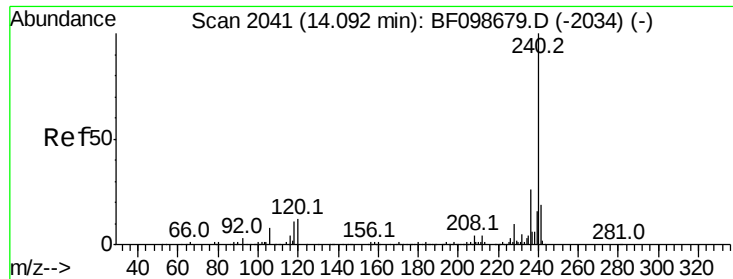
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#74
Fluoranthene
Concen: 2.221 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098783.D
Acq: 25 Sep 2017 15:08

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098783.D

Acq: 25 Sep 2017 15:08

Instrument :

BNA_F

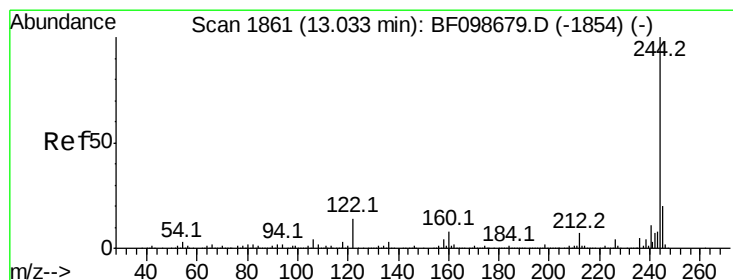
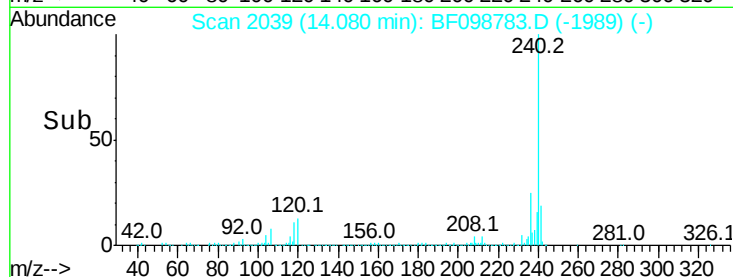
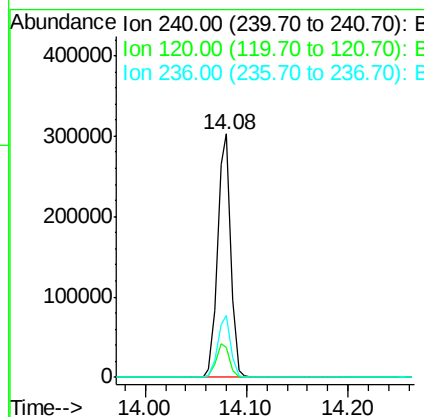
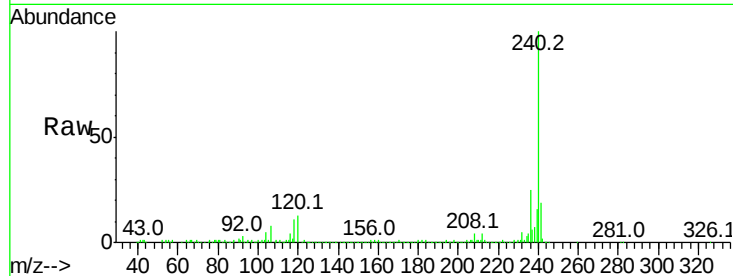
ClientSampleId :

SASP2P-ENV-125-17(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
240	100	274085		
120	12.5		9.5	14.3
236	25.3		20.7	31.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 56.700 ng

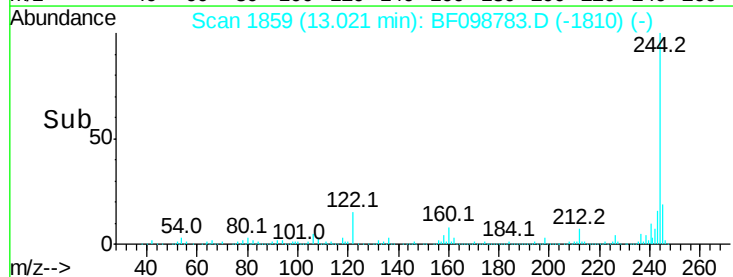
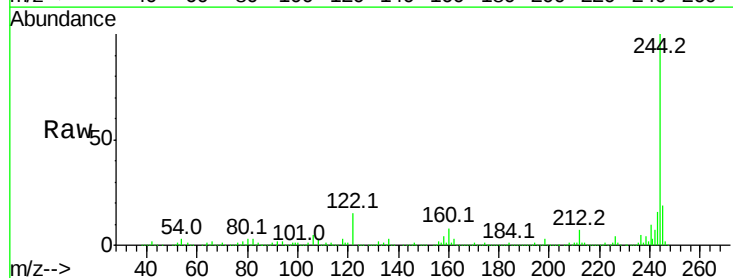
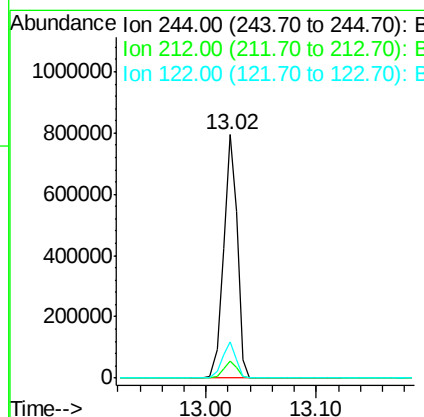
RT: 13.02 min Scan# 1859

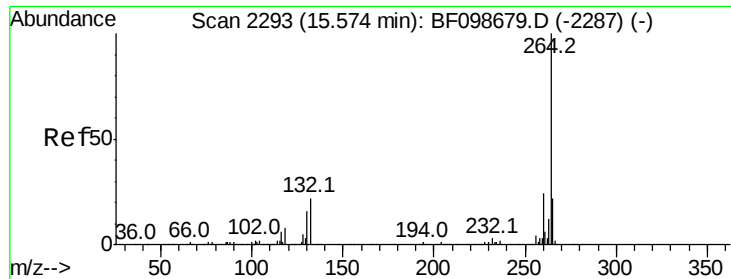
Delta R.T. -0.01 min

Lab File: BF098783.D

Acq: 25 Sep 2017 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	683349		
212	7.1		5.4	8.0
122	14.7		11.0	16.4





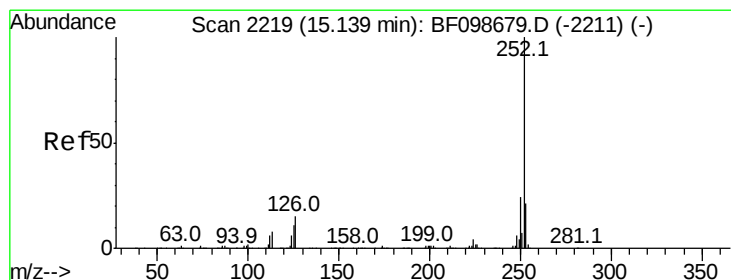
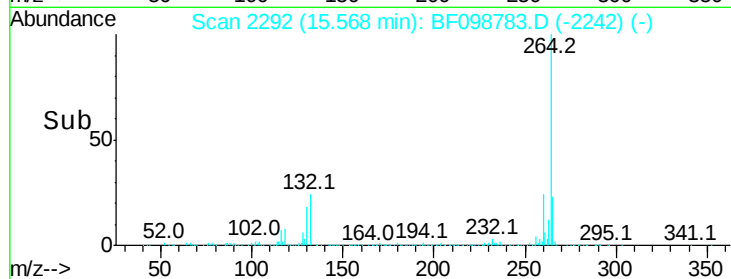
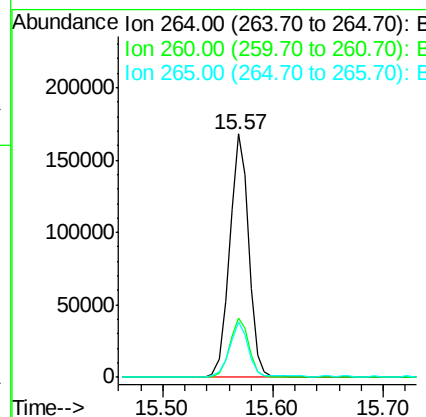
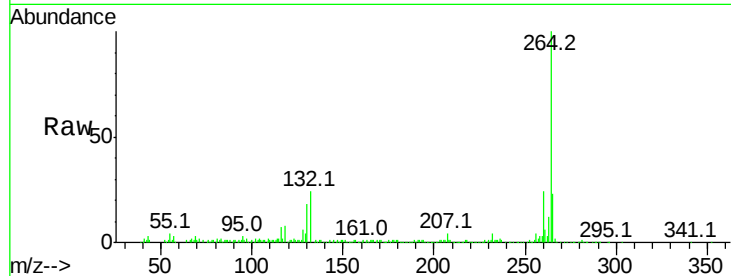
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098783.D
Acq: 25 Sep 2017 15:08

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-125-17(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.2	19.2	28.8	
265	22.8	17.5	26.3	

Manual Integrations
APPROVED

Sohil
9/26/2017 4:58:27 PM



#87
Benzo(b)fluoranthene
Concen: 2.164 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098783.D
Acq: 25 Sep 2017 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	25.5	17.0	25.6	
125	20.9	9.0	13.6	

