

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098434.D
 Acq On : 12 Sep 2017 6:05
 Operator : SJ/JU
 Sample : I5138-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-WM-TS006-01

Manual Integrations
 APPROVED

Sohil
 9/12/2017 6:02:18 PM

Quant Time: Sep 12 09:24:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	225282	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	894576	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	361593	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	542477	20.00	ng	0.00
75) Chrysene-d12	13.82	240	376760	20.00	ng	0.00
86) Perylene-d12	15.22	264	369004	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1825172	119.79	ng	0.01
7) Phenol-d6	6.33	99	2241790	115.88	ng	0.00
23) Nitrobenzene-d5	7.24	82	1402900	87.43	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	300575	124.55	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1539987	72.18	ng	0.00
78) Terphenyl-d14	12.76	244	826520	47.35	ng	0.00
Target Compounds						
10) Phenol	6.33	94	103422	4.603	ng	87
49) Dimethylphthalate	9.43	163	601599	21.493	ng	98
74) Fluoranthene	12.39	202	90367	3.139	ng	96
77) Pyrene	12.62	202	71883	2.419	ng	98
87) Benzo(b)fluoranthene	14.82	252	51025m	2.199	ng	

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

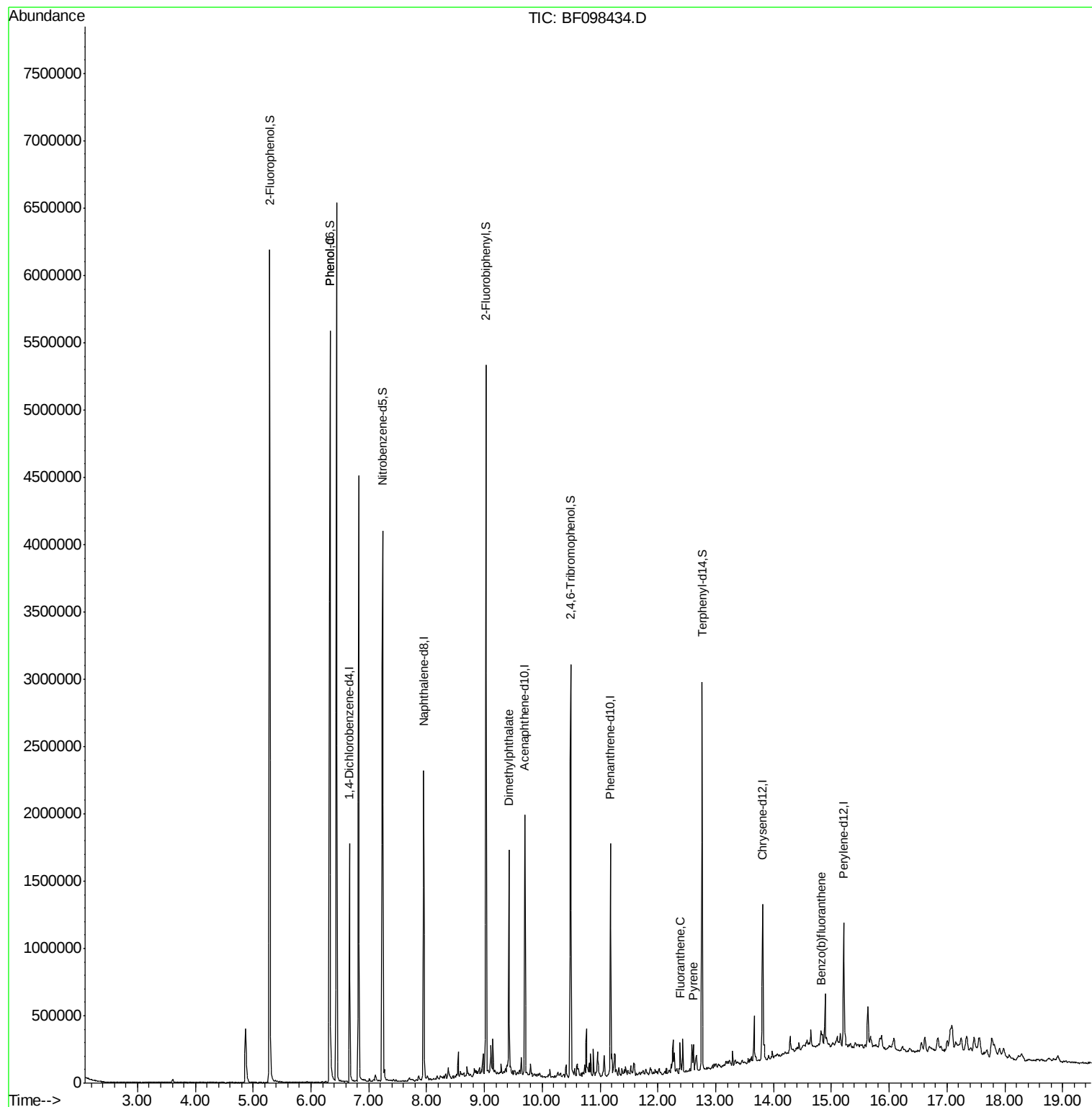
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098434.D
Acq On : 12 Sep 2017 6:05
Operator : SJ/JU
Sample : I5138-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

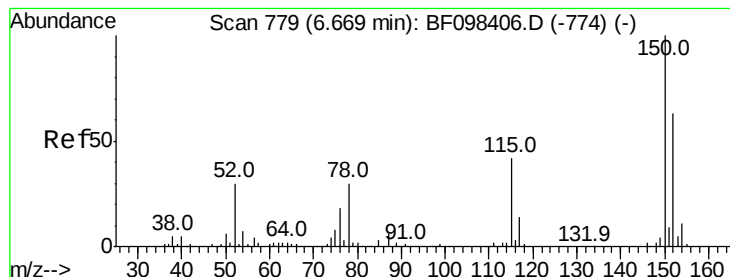
Instrument :
BNA_F
ClientSampleId :
EME-WM-TS006-01

Manual Integrations
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Quant Time: Sep 12 09:24:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
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QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF098434.D

Acq: 12 Sep 2017 6:05

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS006-01

Tot Ion:152 Resp: 225282

Ion Ratio Lower Upper

152 100

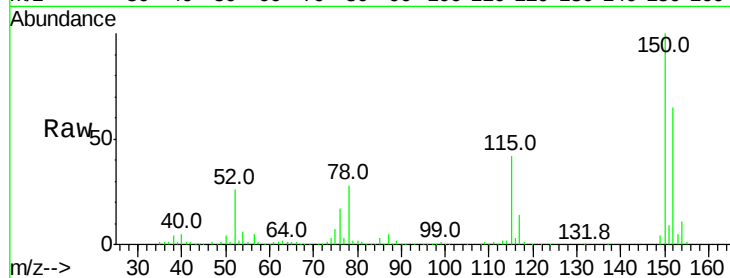
150 153.0 126.2 189.2

115 64.6 52.2 78.2

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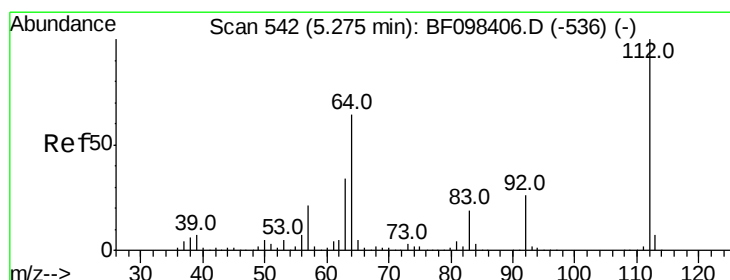
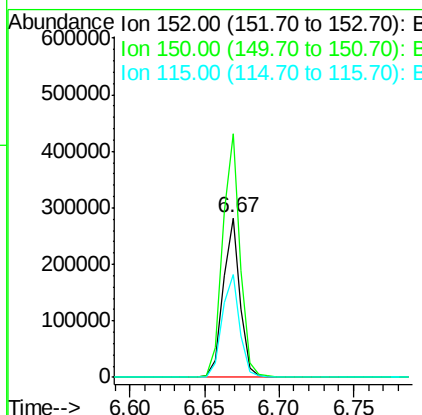
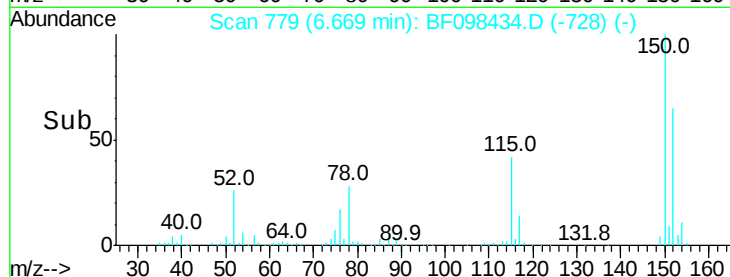
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 119.786 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF098434.D

Acq: 12 Sep 2017 6:05

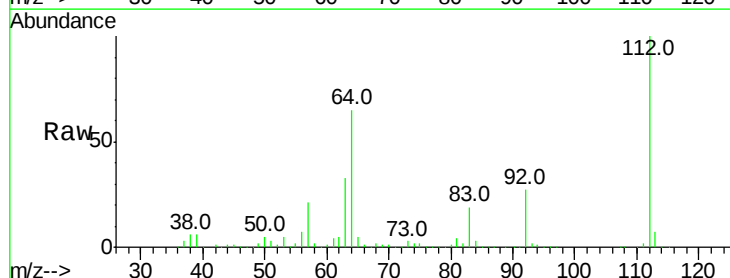
Tgt Ion:112 Resp: 1825172

Ion Ratio Lower Upper

112 100

64 65.2 46.0 69.0

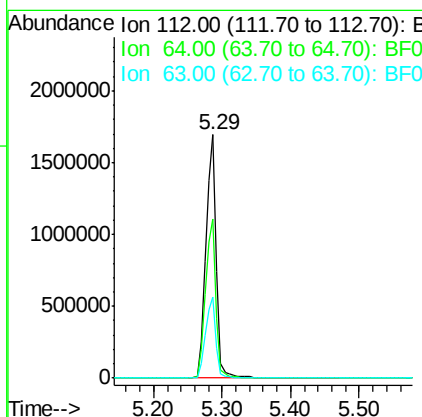
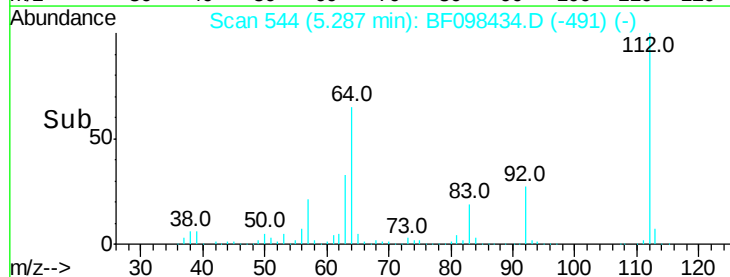
63 33.3 23.4 35.0



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: 115.880 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF098434.D

Acq: 12 Sep 2017 6:05

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS006-01

Tot Ion: 99 Resp: 2241790

Ion Ratio Lower Upper

99 100

42 18.3 13.5 20.3

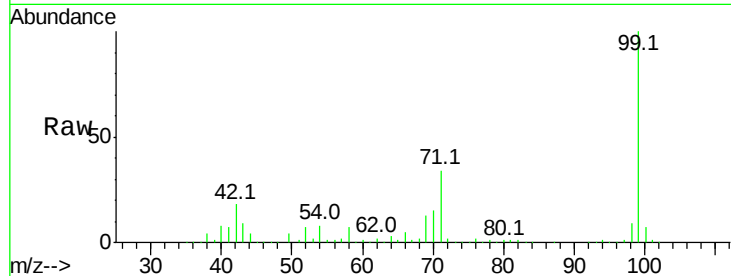
71 33.7 24.5 36.7

Manual Integrations

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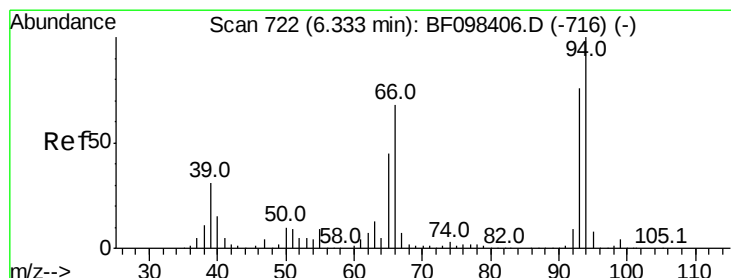
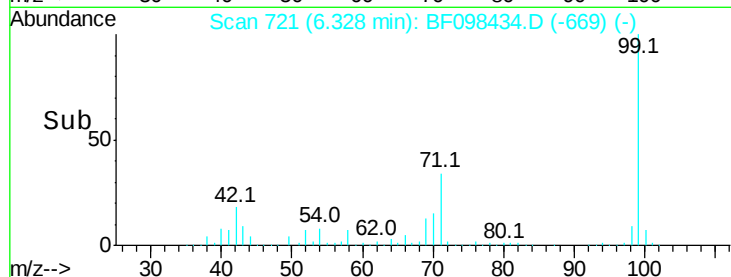
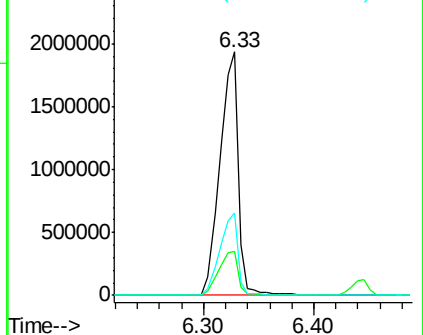
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.603 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF098434.D

Acq: 12 Sep 2017 6:05

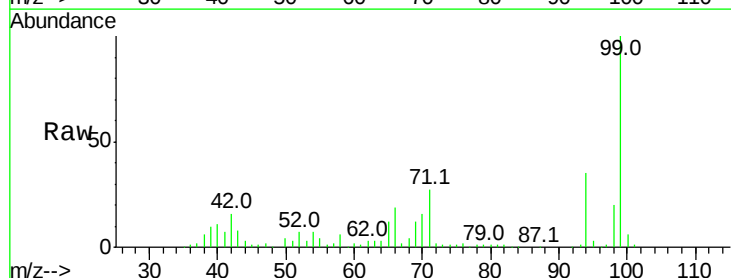
Tgt Ion: 94 Resp: 103422

Ion Ratio Lower Upper

94 100

65 35.1 9.9 49.9

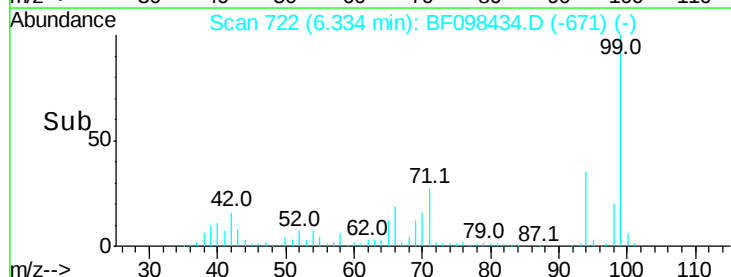
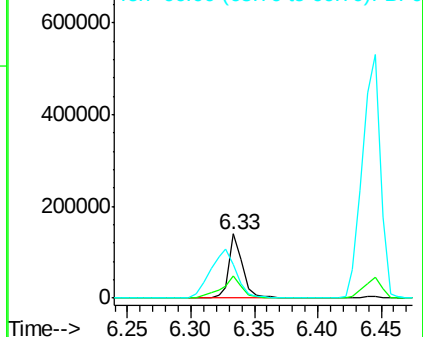
66 53.2 23.1 63.1

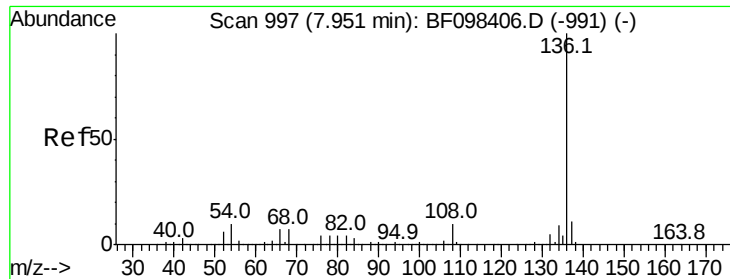


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF098434.D

Acq: 12 Sep 2017 6:05

Instrument :

BNA_F

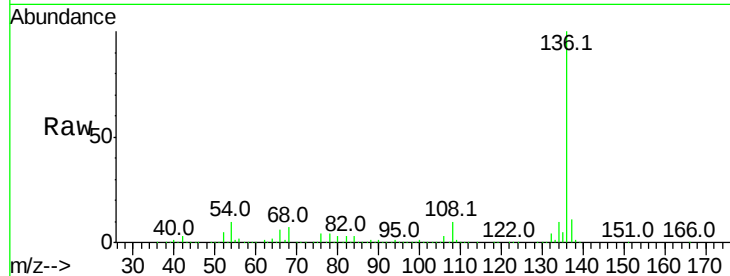
ClientSampleId :

EME-WM-TS006-01

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.3	4.9	7.3#
68	7.4	4.1	6.1#

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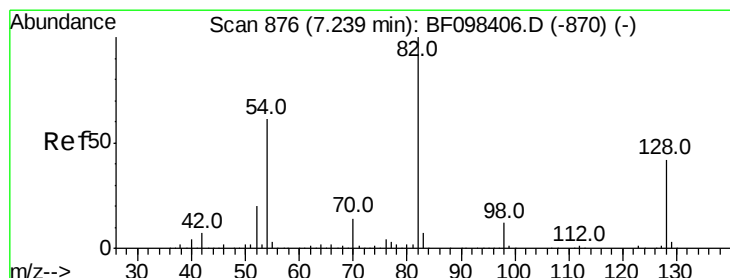
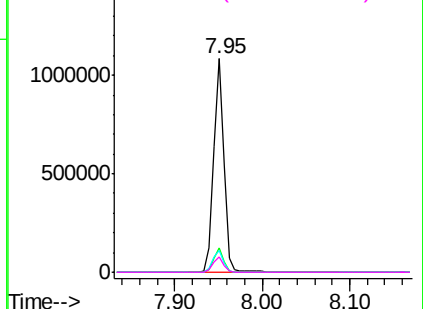
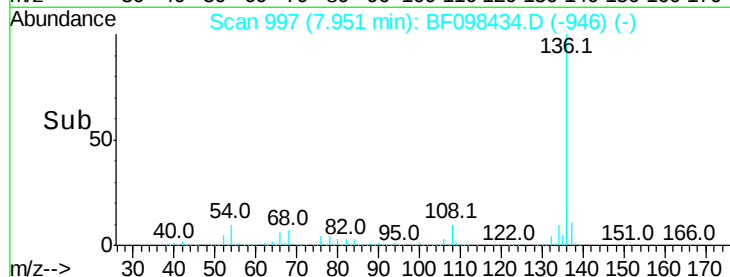


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.428 ng

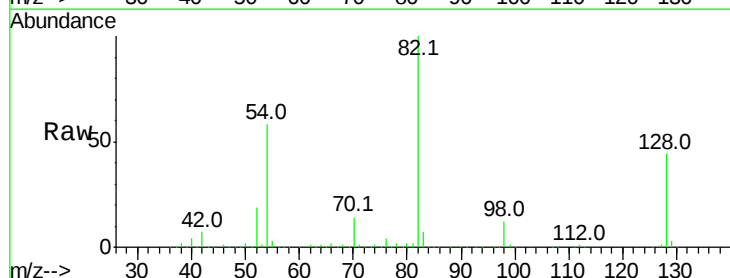
RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF098434.D

Acq: 12 Sep 2017 6:05

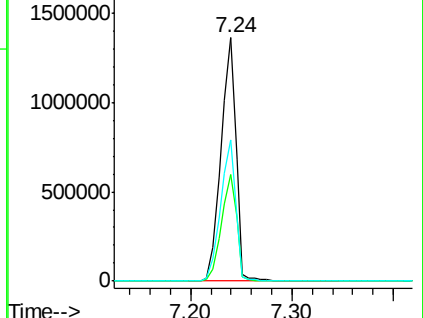
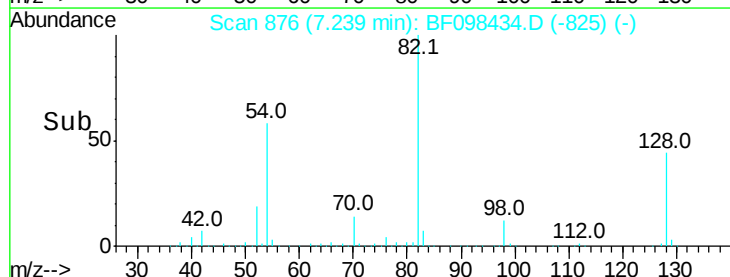
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	43.6	34.0	51.0
54	57.9	42.2	63.2

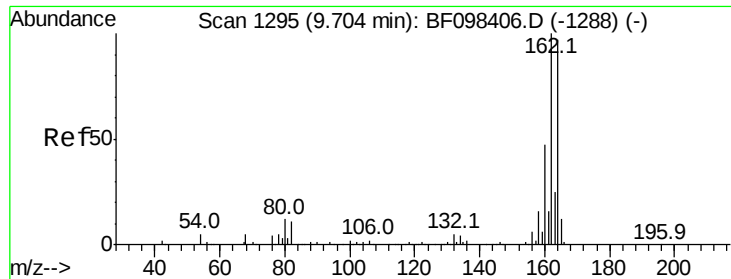


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





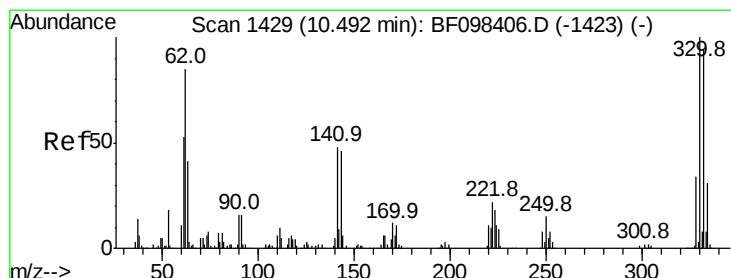
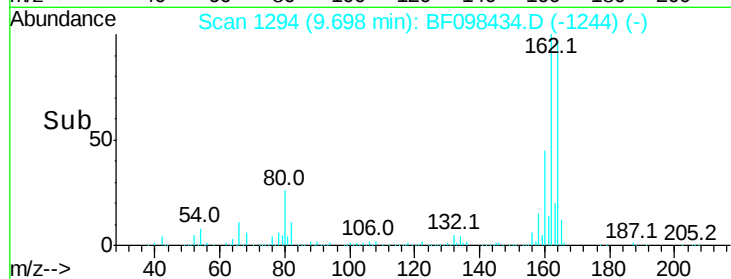
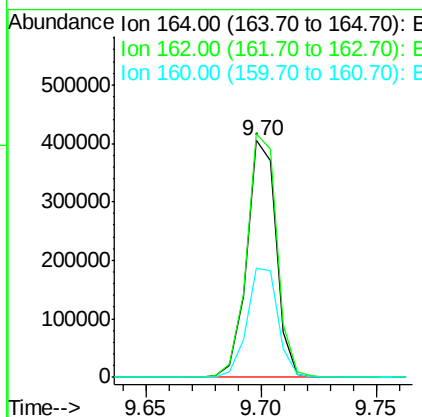
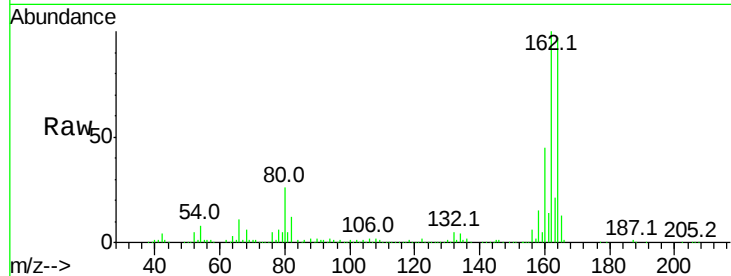
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Instrument :
BNA_F
ClientSampleId :
EME-WM-TS006-01

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.7	82.6	123.8	
160	46.2	36.2	54.2	

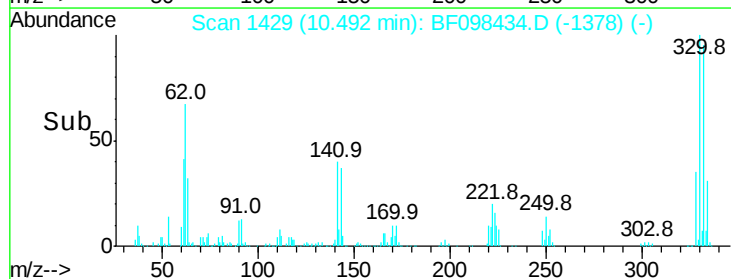
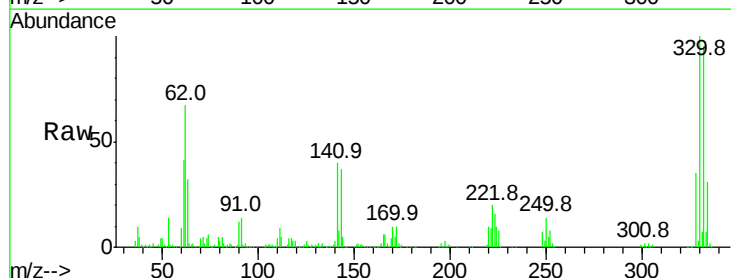
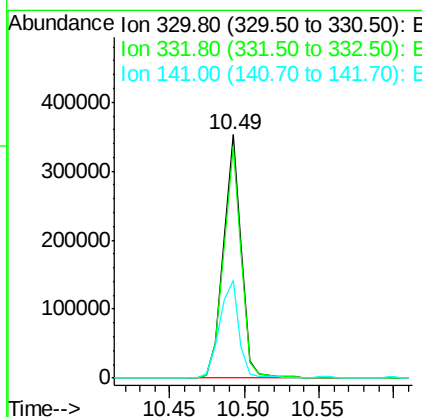
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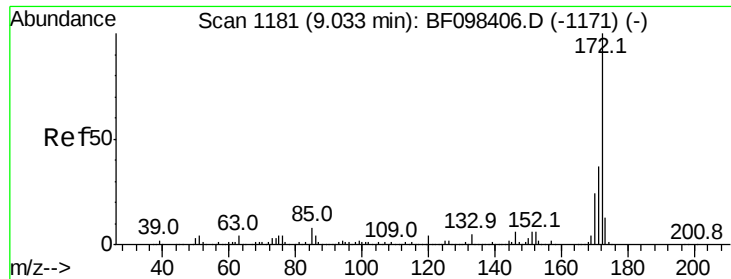
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#41
2,4,6-Tribromophenol
Concen: 124.547 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	76.6	115.0	
141	43.6	31.4	47.2	





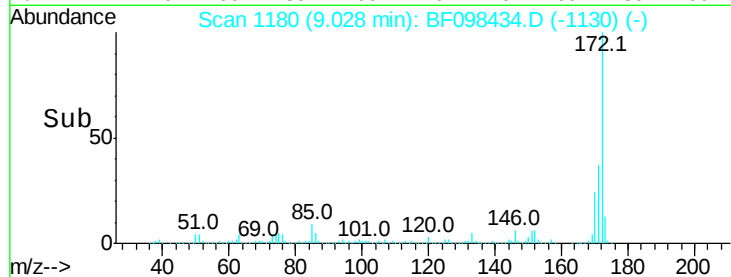
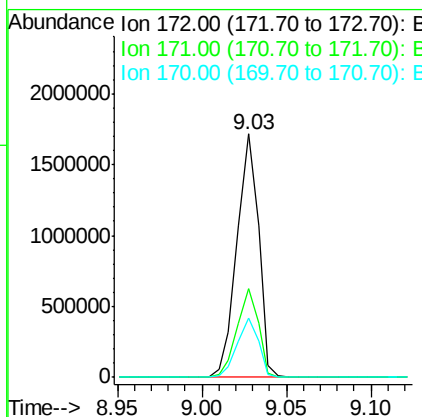
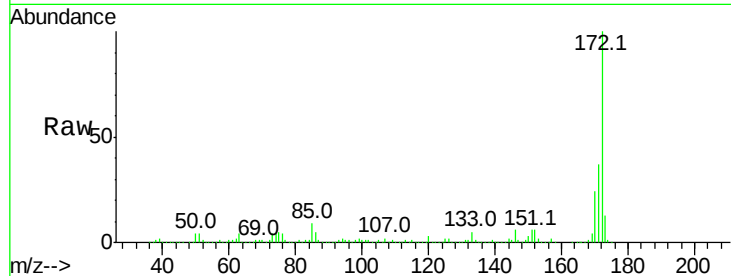
#44
2-Fluorobiphenyl
Concen: 72.185 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Instrument :
BNA_F
ClientSampleId :
EME-WM-TS006-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.4	19.8	29.8

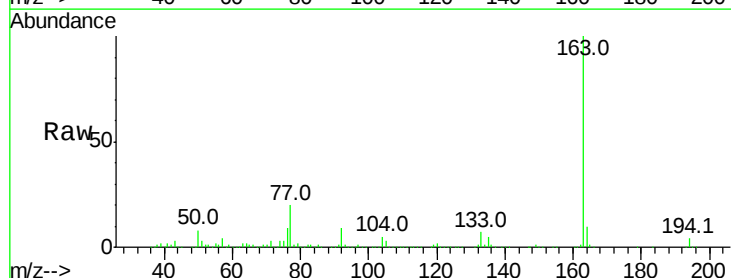
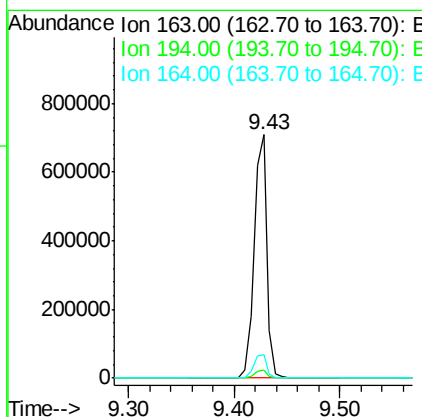
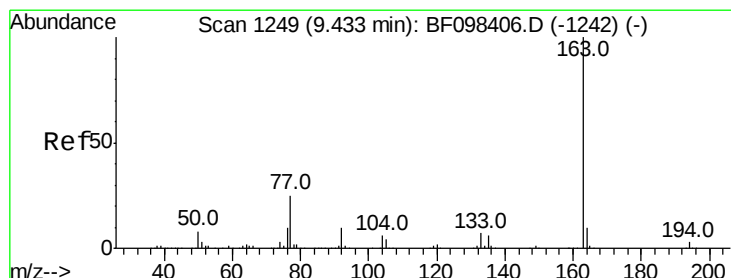
Manual Integrations
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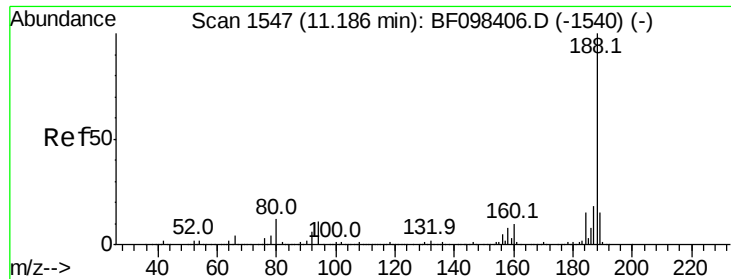
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#49
Dimethylphthalate
Concen: 21.493 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.8	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF098434.D

Acq: 12 Sep 2017 6:05

Instrument :

BNA_F

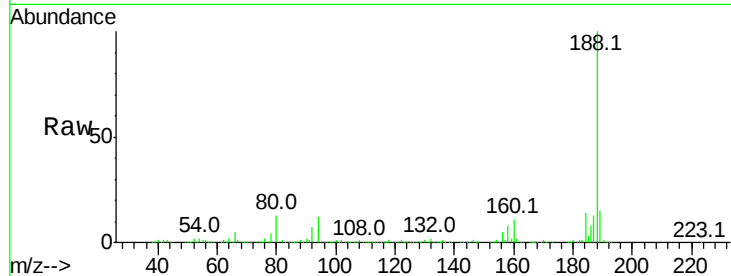
ClientSampleId :

EME-WM-TS006-01

Tot Ion:188	Resp:	542477
Ion Ratio	Lower	Upper
188 100		
94 12.5	9.4	14.2
80 13.5	10.2	15.2

Manual Integrations
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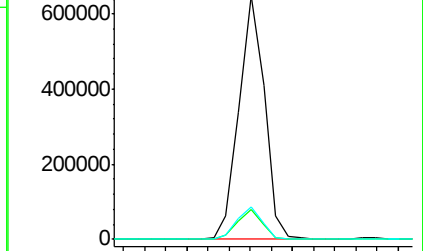
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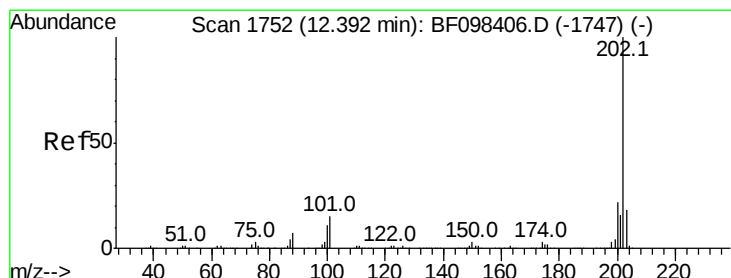
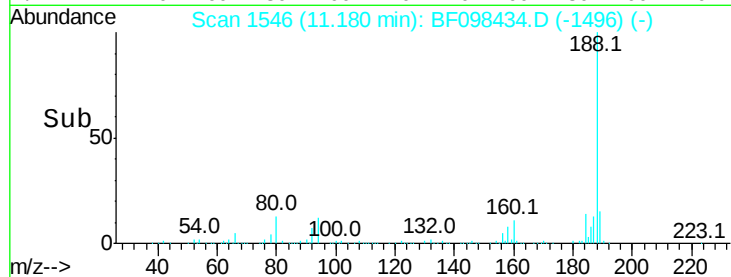
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#74

Fluoranthene

Concen: 3.139 ng

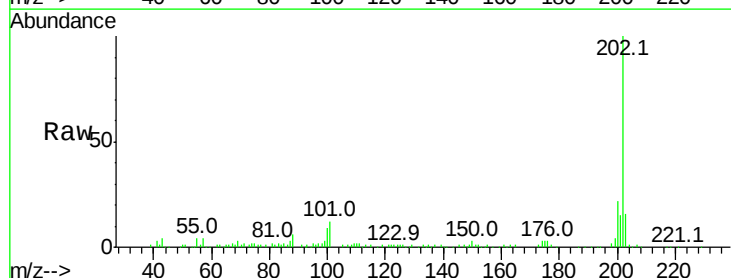
RT: 12.39 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BF098434.D

Acq: 12 Sep 2017 6:05

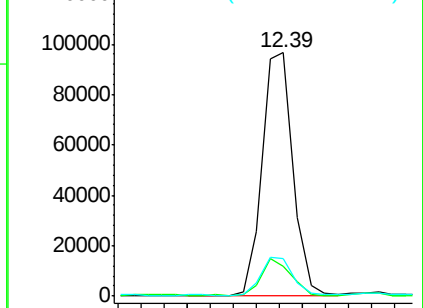
Tgt Ion:202	Resp:	90367
Ion Ratio	Lower	Upper
202 100		
101 12.1	0.0	33.2
203 15.6	0.0	38.1



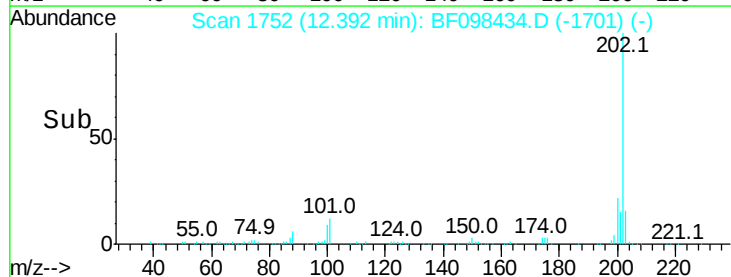
Abundance Ion 202.00 (201.70 to 202.70): E

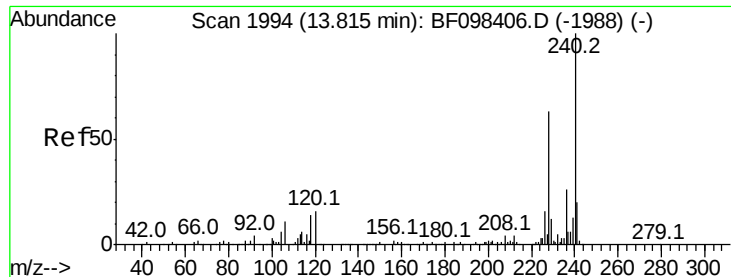
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF098434.D

Acq: 12 Sep 2017 6:05

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS006-01

Tot Ion:240 Resp: 376760

Ion Ratio Lower Upper

240 100

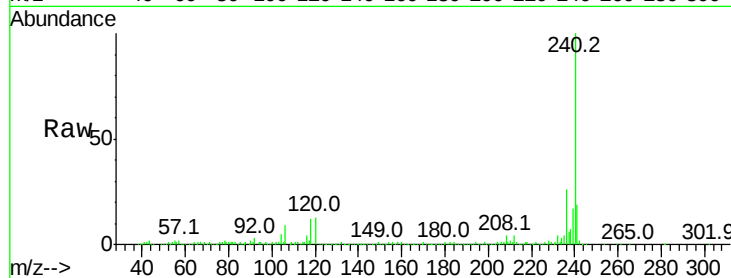
120 12.8 5.8 8.8#

236 25.9 20.5 30.7

Manual Integrations
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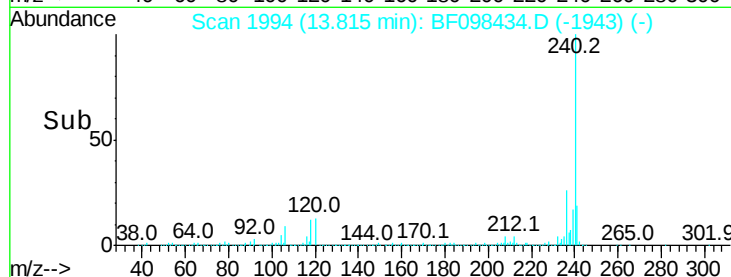


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

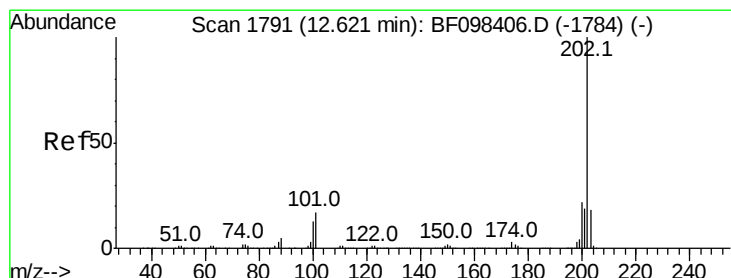
Ion 236.00 (235.70 to 236.70): E

Time--> 13.70 13.82 13.90



Abundance

Time--> 13.70 13.82 13.90



#77

Pyrene

Concen: 2.419 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF098434.D

Acq: 12 Sep 2017 6:05

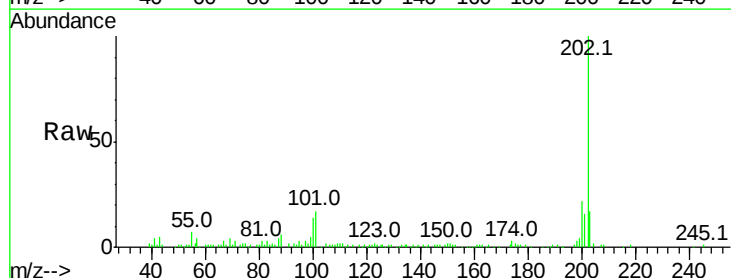
Tgt Ion:202 Resp: 71883

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

203 16.8 14.4 21.6

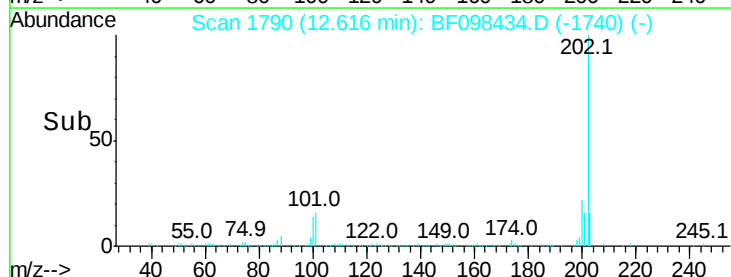


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

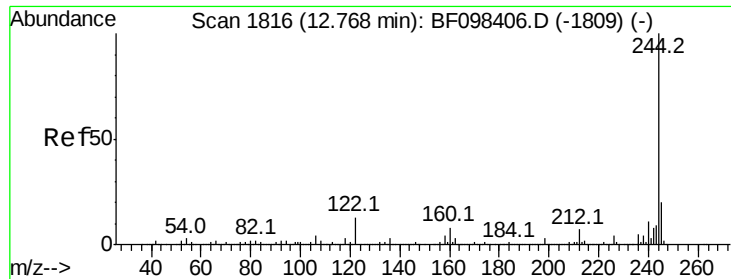
Ion 203.00 (202.70 to 203.70): E

Time--> 12.60 12.62 12.65



Abundance

Time--> 12.60 12.62 12.65



#78

Terphenyl-d14

Concen: 47.351 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098434.D

Acq: 12 Sep 2017 6:05

Instrument :

BNA_F

ClientSampleId :

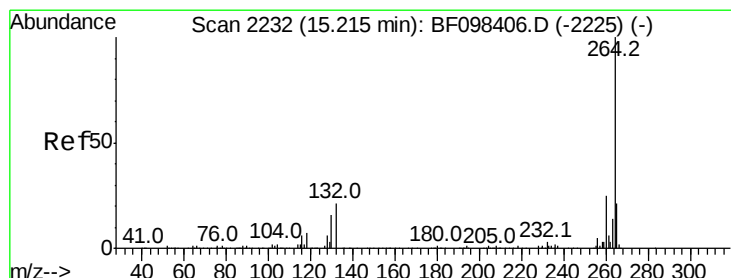
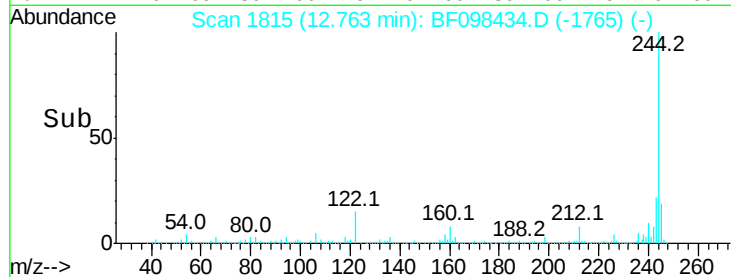
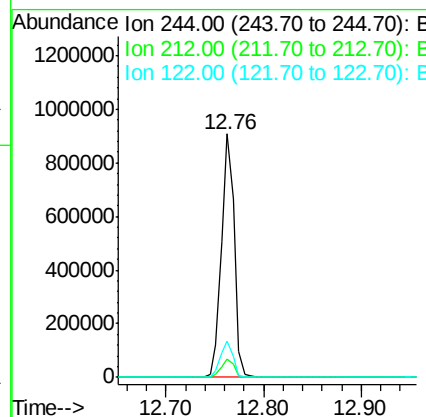
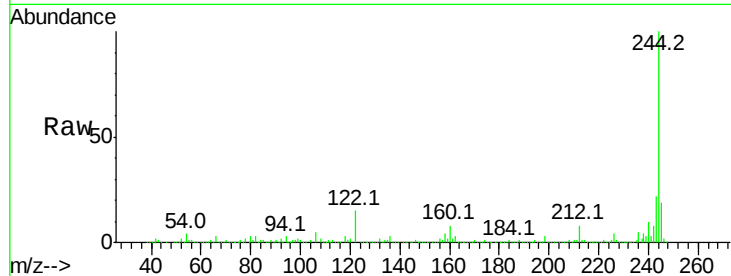
EME-WM-TS006-01

Tot Ion:	244	Resp:	826520
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.0	9.0
122	14.7	10.3	15.5

Manual Integrations
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9/12/2017 6:02:18 PM



#86

Perylene-d12

Concen: 20.000 ng

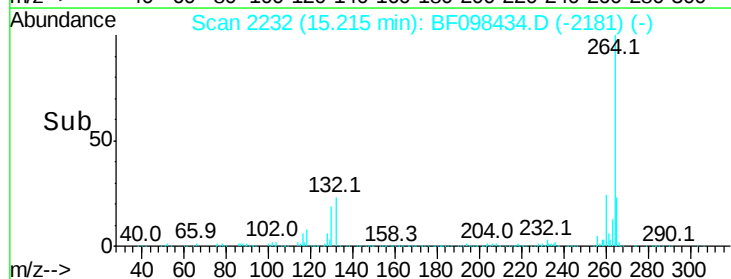
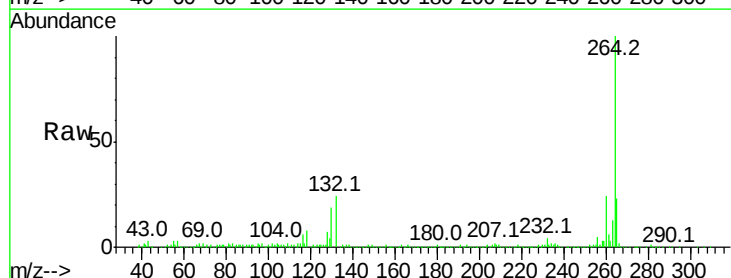
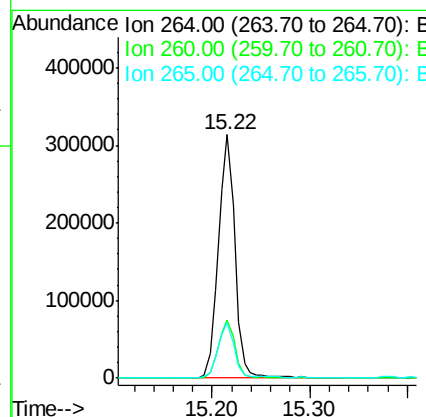
RT: 15.22 min Scan# 2232

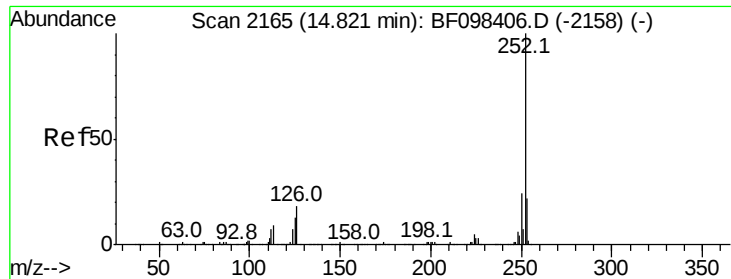
Delta R.T. 0.00 min

Lab File: BF098434.D

Acq: 12 Sep 2017 6:05

Tgt Ion:	264	Resp:	369004
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	22.7	17.2	25.8





#87
Benzo(b)fluoranthene
Concen: 2.199 ng/ml
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF098434.D
Acq: 12 Sep 2017 6:05

Instrument :
BNA_F
ClientSampleId :
EME-WM-TS006-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	19.5	9.8	14.8

Manual Integrations
APPROVED

Sohil
9/12/2017 6:02:18 PM

