

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098431.D
 Acq On : 12 Sep 2017 4:43
 Operator : SJ/JU
 Sample : I5138-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-WM-TS003-01

Manual Integrations
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 9/12/2017 6:02:14 PM

Quant Time: Sep 12 09:16:18 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	229702	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	951863	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	395385	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	610528	20.00	ng	0.00
75) Chrysene-d12	13.81	240	379511	20.00	ng	0.00
86) Perylene-d12	15.22	264	380709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1976834	127.24	ng	0.01
7) Phenol-d6	6.33	99	2447494	124.08	ng	0.00
23) Nitrobenzene-d5	7.24	82	1522307	89.16	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	345009	130.74	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1682619	72.13	ng	0.00
78) Terphenyl-d14	12.76	244	918314	52.23	ng	0.00
Target Compounds						
10) Phenol	6.33	94	113637	4.960	ng	94
49) Dimethylphthalate	9.43	163	665761	21.753	ng	99

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

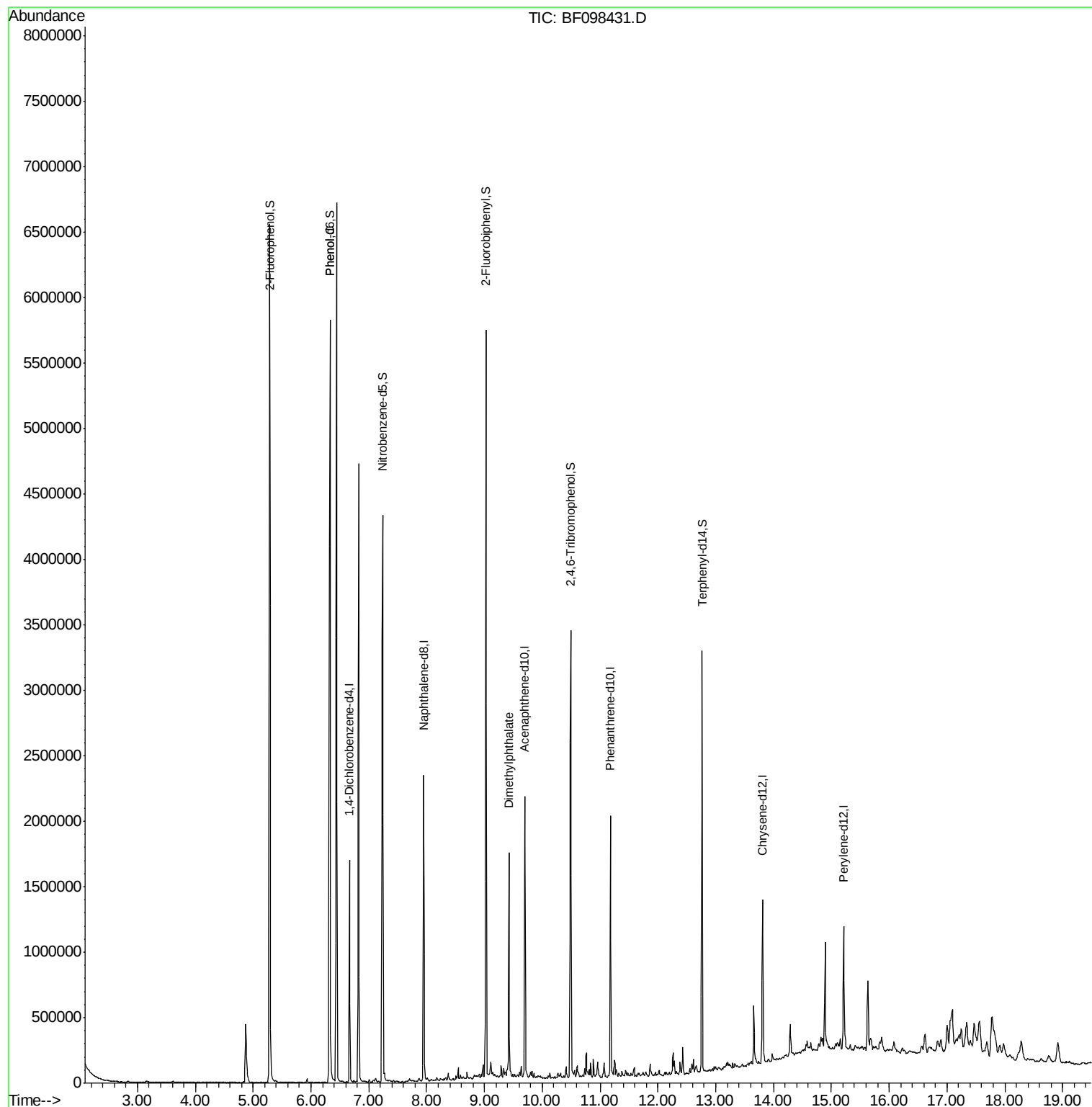
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098431.D
Acq On : 12 Sep 2017 4:43
Operator : SJ/JU
Sample : I5138-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

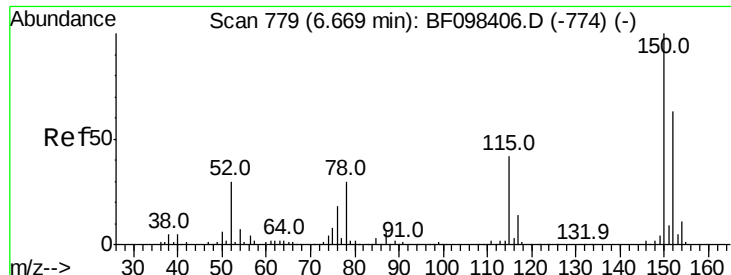
Instrument :
BNA_F
ClientSampleId :
EME-WM-TS003-01

Manual Integrations
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QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration





#1

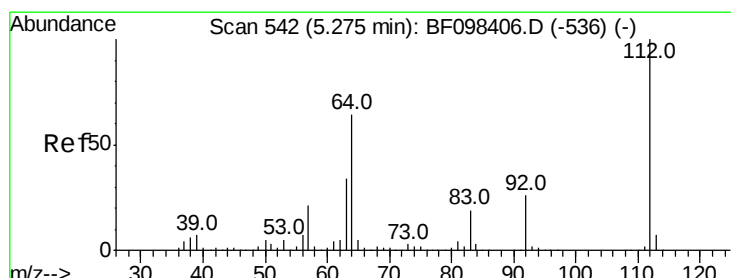
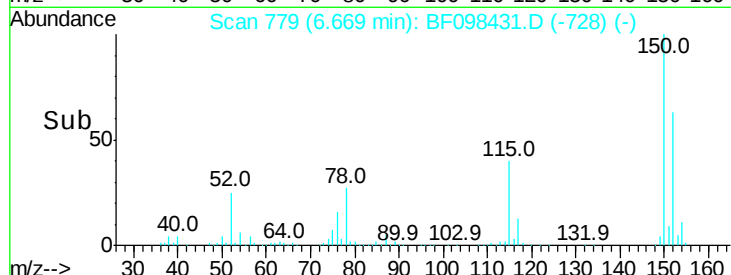
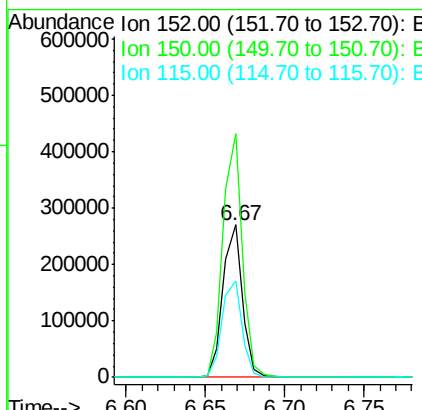
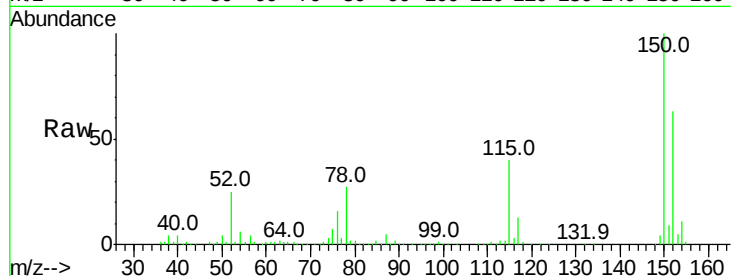
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF098431.D
Acq: 12 Sep 2017 4:43

Instrument :
BNA_F
ClientSampleId :
EME-WM-TS003-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.2	189.2
115	63.2	52.2	78.2

Manual Integrations
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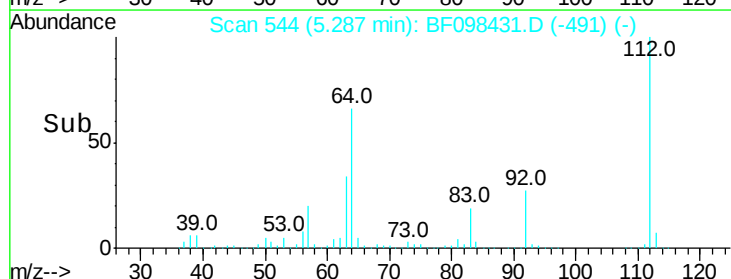
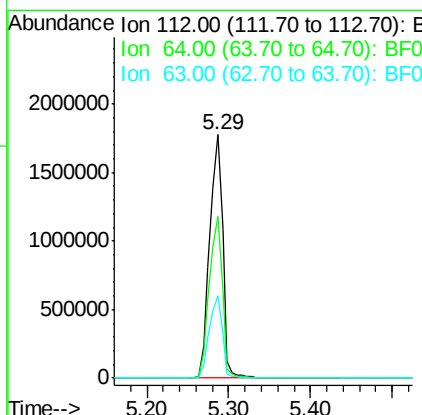
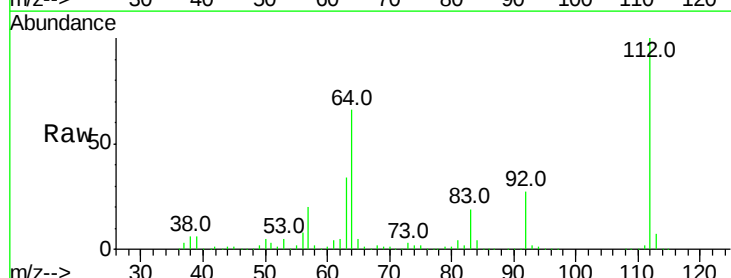
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#5

2-Fluorophenol
Concen: 127.243 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF098431.D
Acq: 12 Sep 2017 4:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	46.0	69.0
63	33.9	23.4	35.0





#7

Phenol-d6

Concen: 124.078 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF098431.D

Acq: 12 Sep 2017 4:43

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS003-01

Tot Ion: 99 Resp: 2447494

Ion Ratio Lower Upper

99 100

42 18.6 13.5 20.3

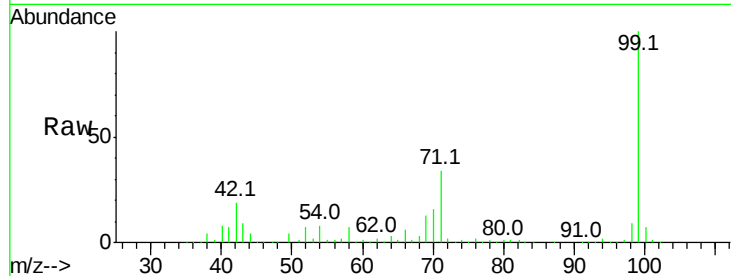
71 33.8 24.5 36.7

Manual Integrations

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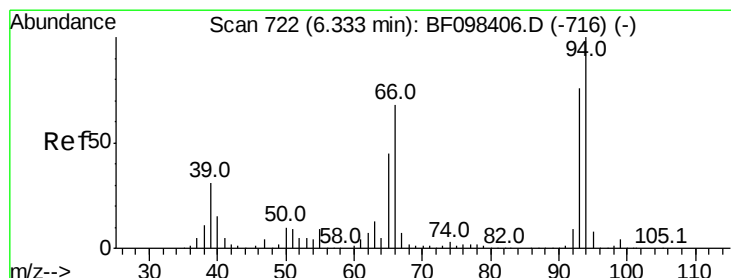
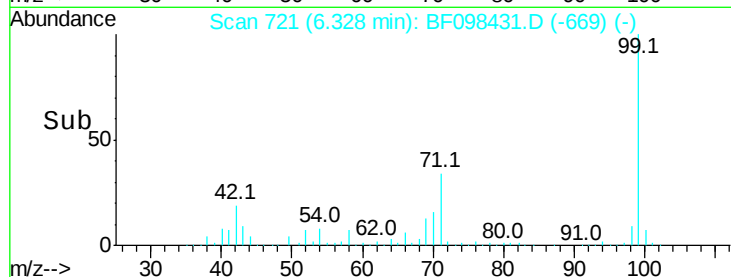
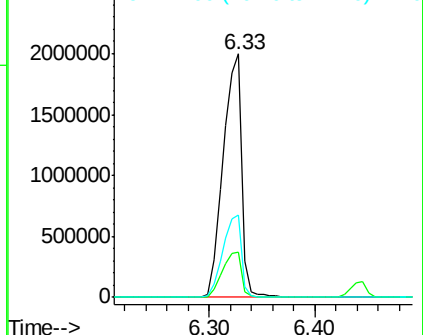
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.960 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF098431.D

Acq: 12 Sep 2017 4:43

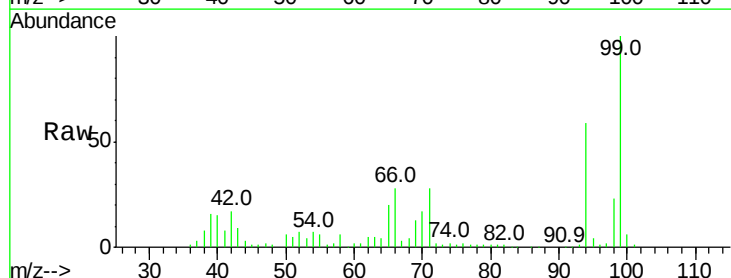
Tgt Ion: 94 Resp: 113637

Ion Ratio Lower Upper

94 100

65 33.5 9.9 49.9

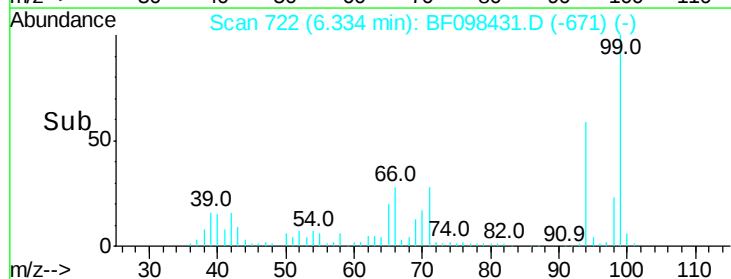
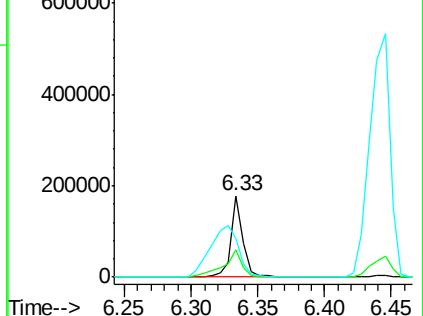
66 47.0 23.1 63.1

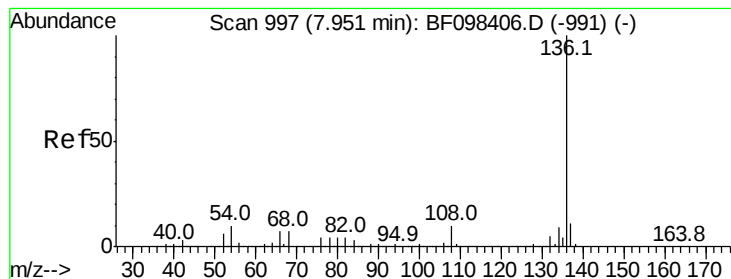


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: BF098431.D

Acq: 12 Sep 2017 4:43

Instrument :

BNA_F

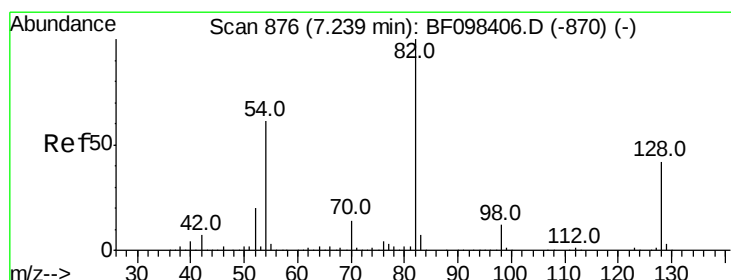
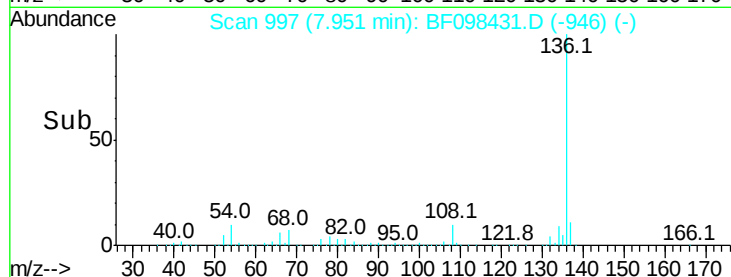
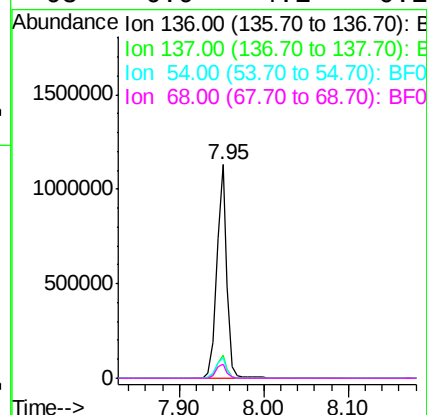
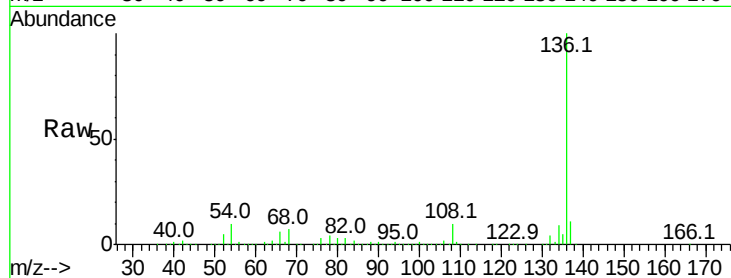
ClientSampleId :

EME-WM-TS003-01

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.5	12.7
54	9.8	4.9	7.3#
68	6.9	4.1	6.1#

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#23

Nitrobenzene-d5

Concen: 89.160 ng

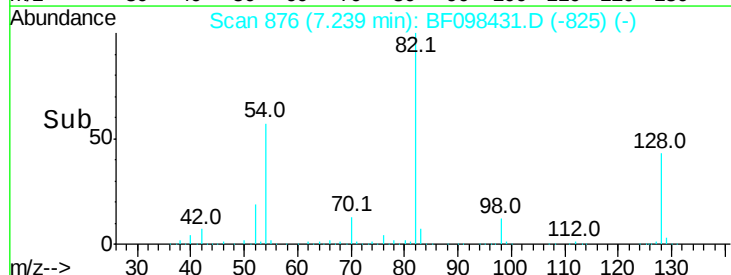
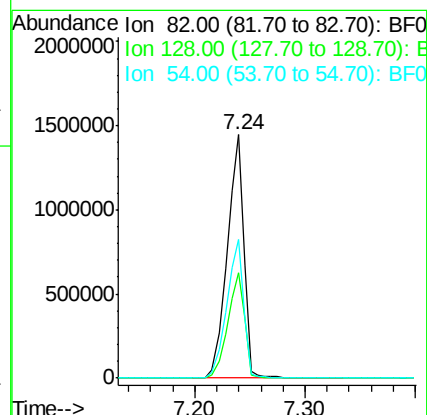
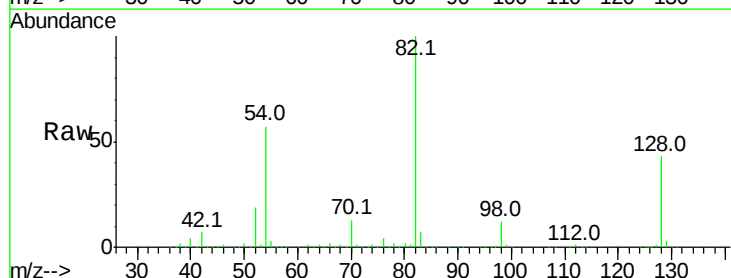
RT: 7.24 min Scan# 876

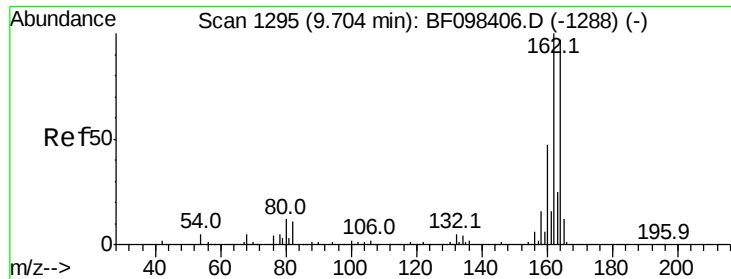
Delta R.T. 0.00 min

Lab File: BF098431.D

Acq: 12 Sep 2017 4:43

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	43.4	34.0	51.0
54	57.1	42.2	63.2





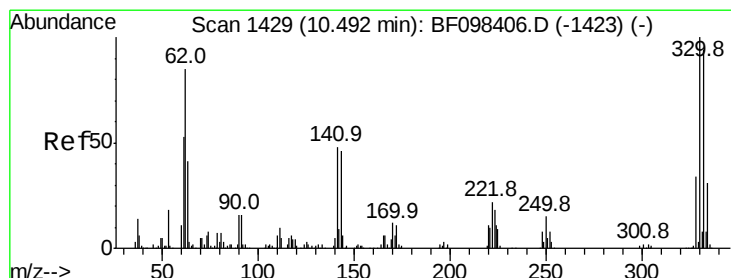
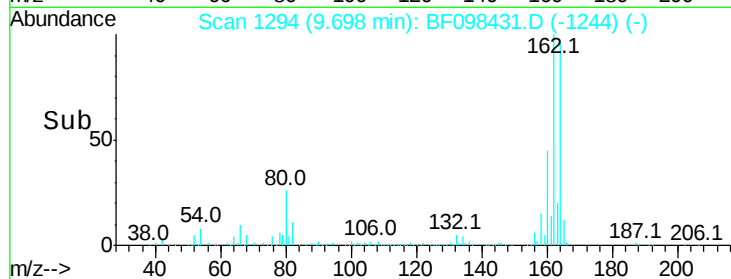
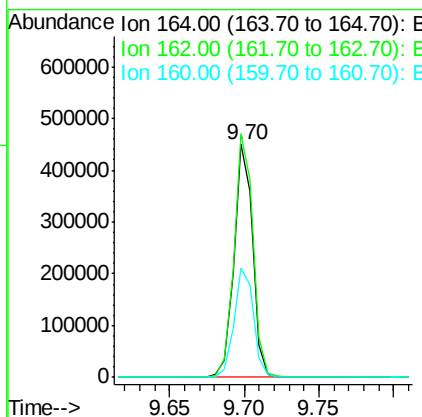
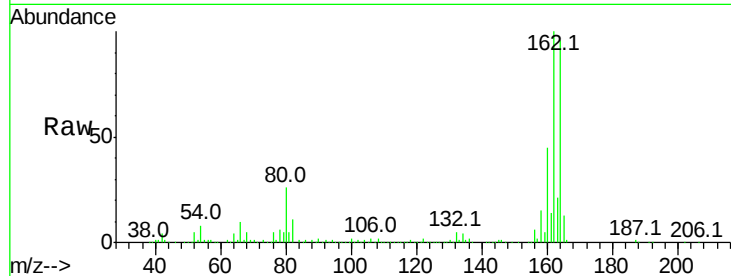
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF098431.D
 Acq: 12 Sep 2017 4:43

Instrument :
 BNA_F
 ClientSampleId :
 EME-WM-TS003-01

Tot Ion	164	Resp	395385
Ion Ratio	Lower	Upper	
164	100		
162	104.5	82.6	123.8
160	47.0	36.2	54.2

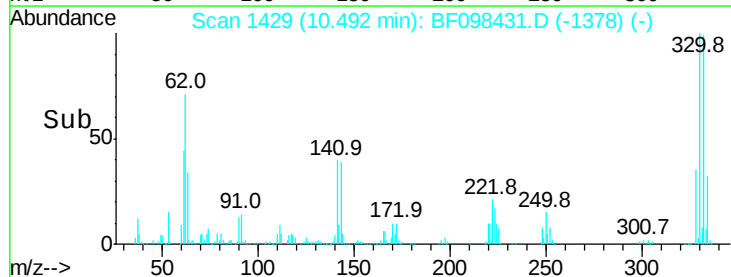
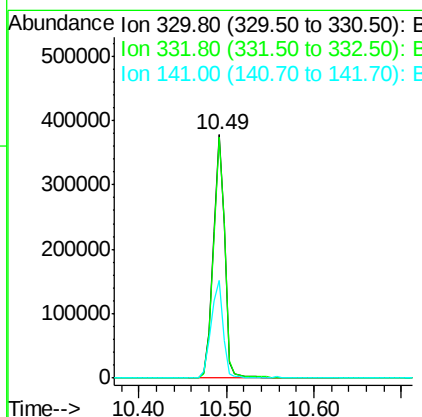
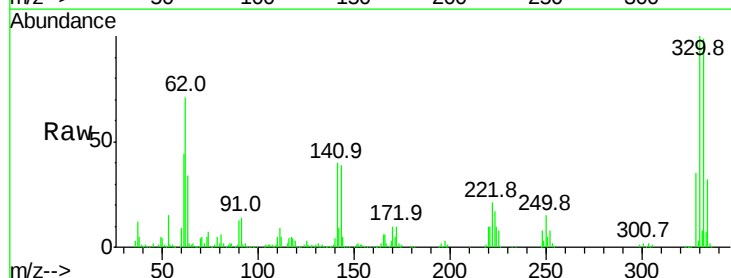
Manual Integrations
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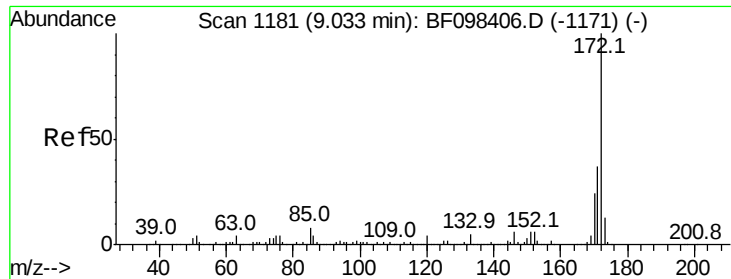
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#41
 2,4,6-Tribromophenol
 Concen: 130.741 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF098431.D
 Acq: 12 Sep 2017 4:43

Tgt Ion	330	Resp	345009
Ion Ratio	Lower	Upper	
330	100		
332	98.4	76.6	115.0
141	42.4	31.4	47.2





#44

2-Fluorobiphenyl

Concen: 72.130 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF098431.D

Acq: 12 Sep 2017 4:43

Instrument :

BNA_F

ClientSampleId :

EME-WM-TS003-01

Tot Ion:172 Resp: 1682619

Ion Ratio Lower Upper

172 100

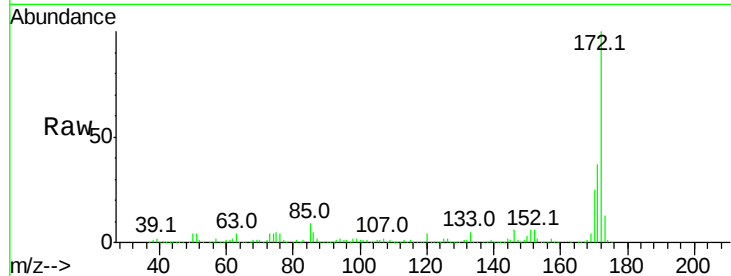
171 36.6 29.6 44.4

170 24.5 19.8 29.8

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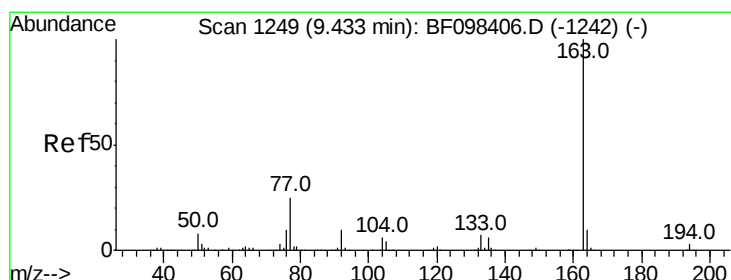
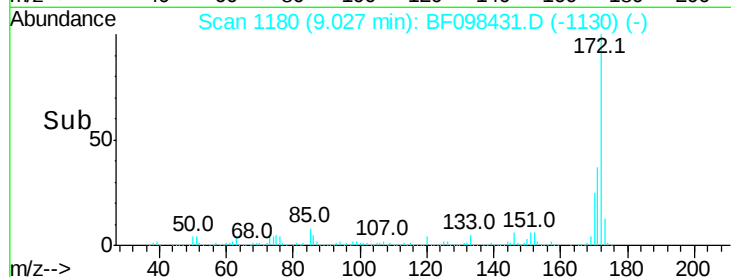
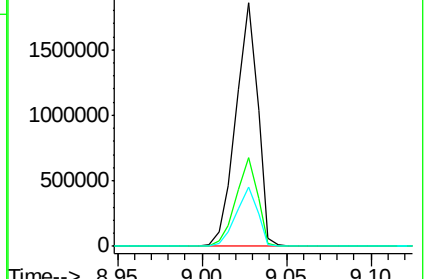
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 21.753 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF098431.D

Acq: 12 Sep 2017 4:43

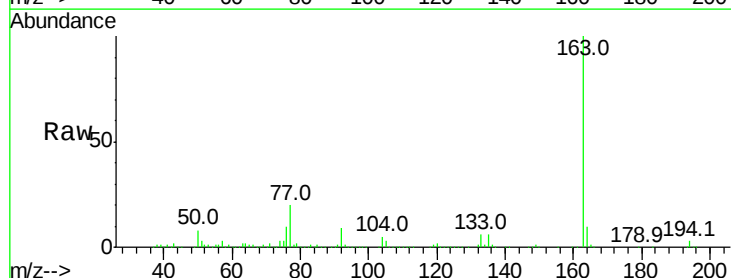
Tgt Ion:163 Resp: 665761

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

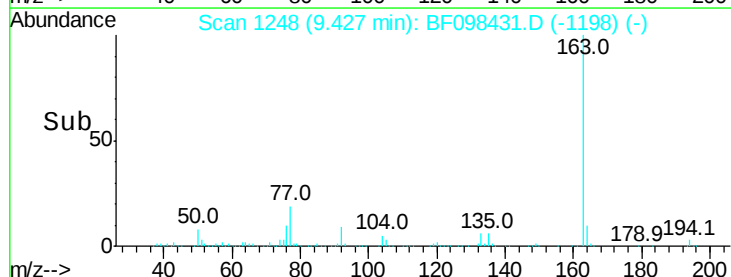
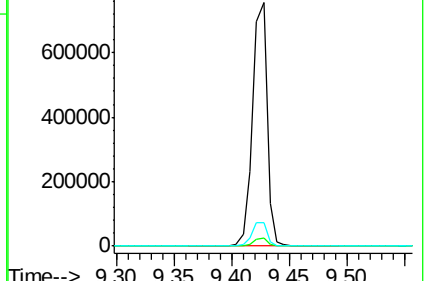
164 9.9 8.4 12.6

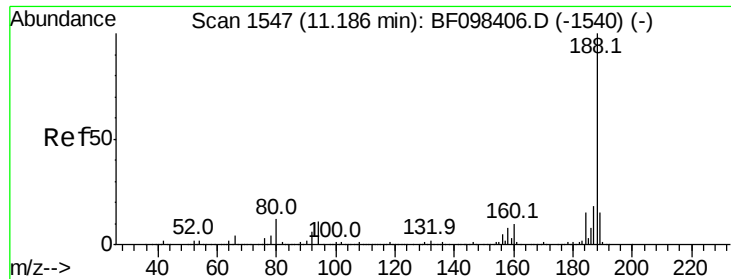


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF098431.D

Acq: 12 Sep 2017 4:43

Instrument :

BNA_F

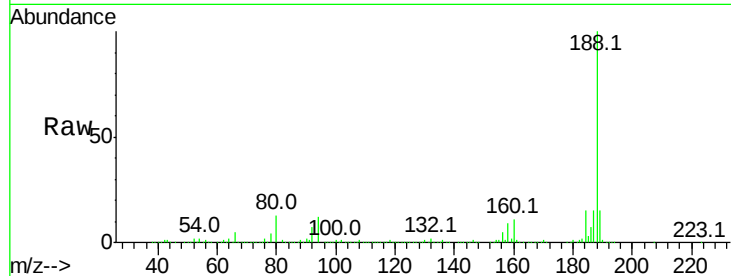
ClientSampleId :

EME-WM-TS003-01

Tot Ion:	188	Resp:	610528
Ion Ratio	Lower	Upper	
188	100		
94	12.0	9.4	14.2
80	12.8	10.2	15.2

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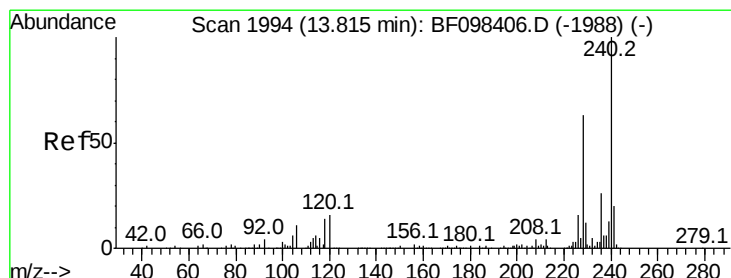
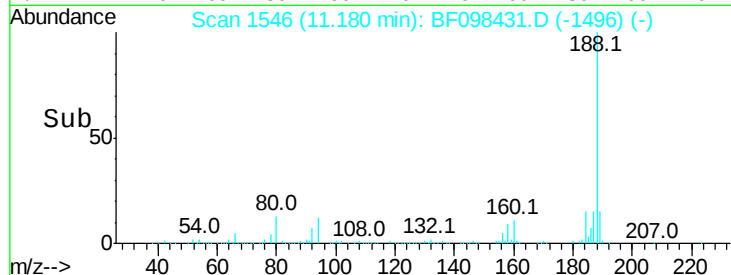
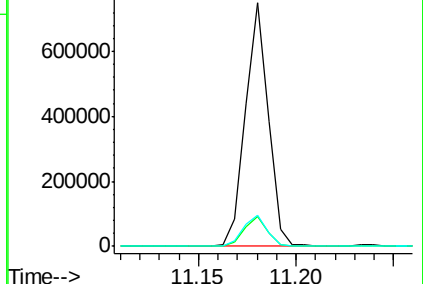
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

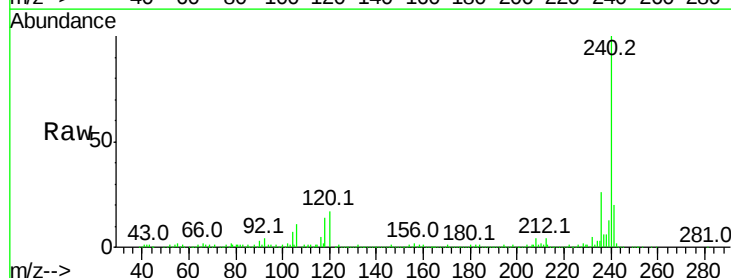
RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098431.D

Acq: 12 Sep 2017 4:43

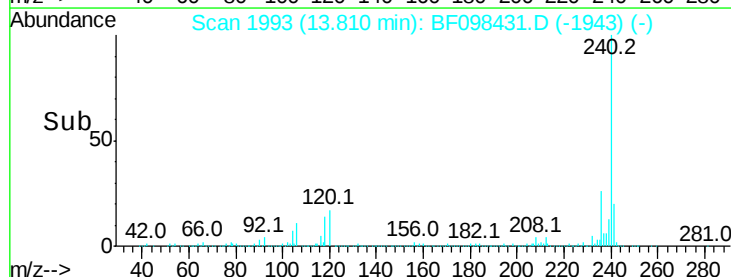
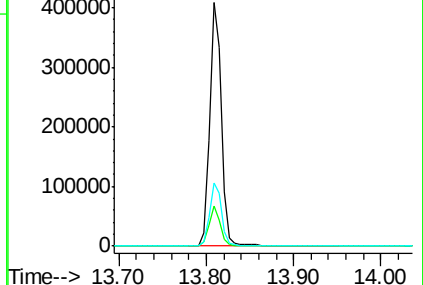
Tgt Ion:	240	Resp:	379511
Ion Ratio	Lower	Upper	
240	100		
120	16.7	5.8	8.8#
236	26.0	20.5	30.7

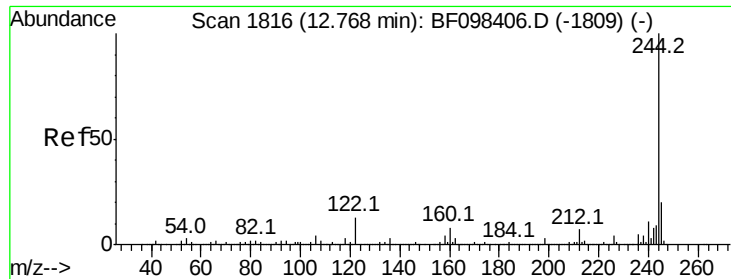


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





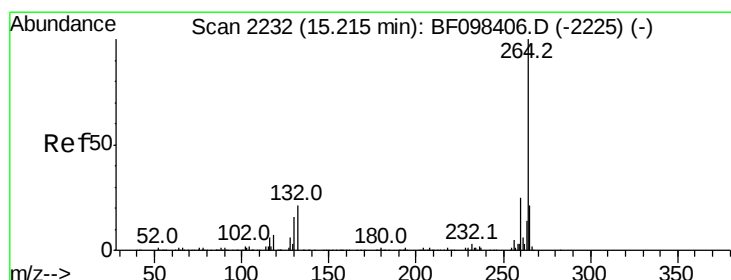
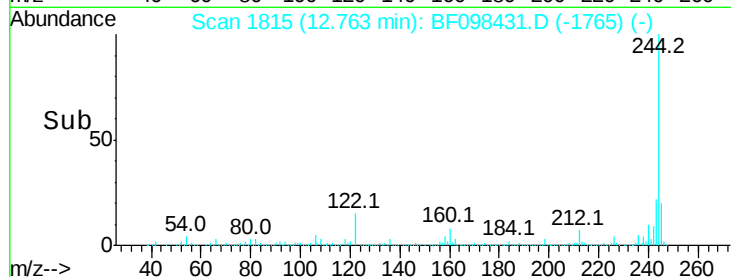
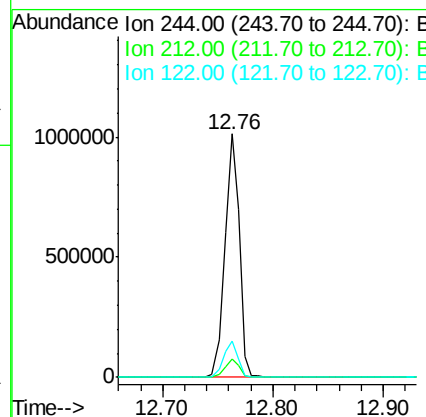
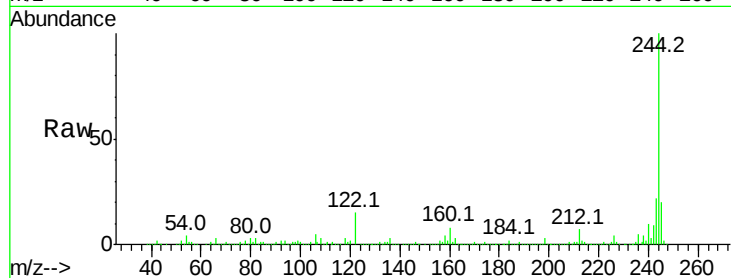
#78
 Terphenyl-d14
 Concen: 52.229 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF098431.D
 Acq: 12 Sep 2017 4:43

Instrument :
 BNA_F
 ClientSampleId :
 EME-WM-TS003-01

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.3	6.0	9.0	
122	14.9	10.3	15.5	

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. 0.00 min
 Lab File: BF098431.D
 Acq: 12 Sep 2017 4:43

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.8	19.5	29.3	
265	21.5	17.2	25.8	

