

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098424.D
 Acq On : 12 Sep 2017 1:29
 Operator : SJ/JU
 Sample : I5138-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS007-01

Quant Time: Sep 12 03:49:43 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

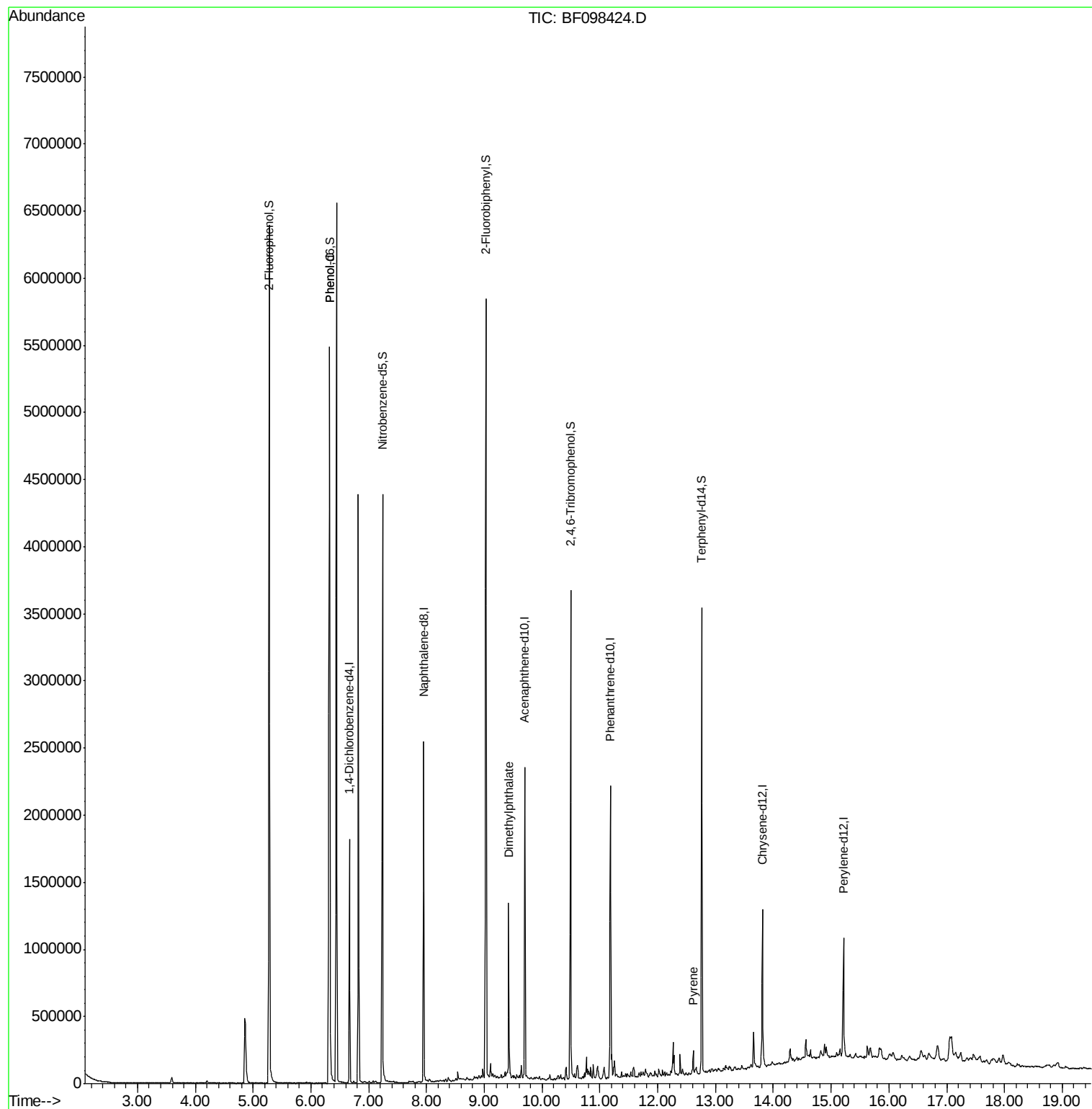
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	244310	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	993335	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	416154	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	680575	20.00	ng	0.00
75) Chrysene-d12	13.81	240	378011	20.00	ng	0.00
86) Perylene-d12	15.22	264	382482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1861748	112.67	ng	0.00
7) Phenol-d6	6.33	99	2441155	116.36	ng	0.00
23) Nitrobenzene-d5	7.24	82	1499213	84.14	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	377006	135.74	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1707019	69.52	ng	0.00
78) Terphenyl-d14	12.76	244	971030	55.45	ng	0.00
Target Compounds						
10) Phenol	6.33	94	144972	5.949	ng	97
49) Dimethylphthalate	9.42	163	451361	14.011	ng	99
77) Pyrene	12.62	202	62190	2.086	ng	97

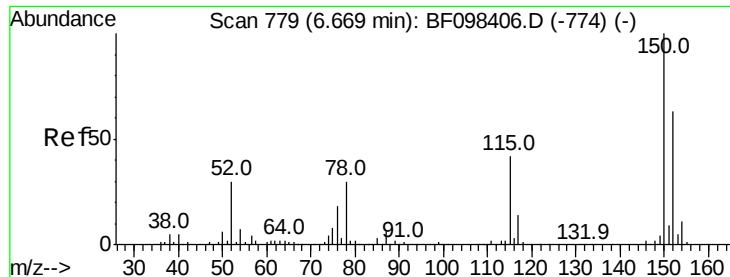
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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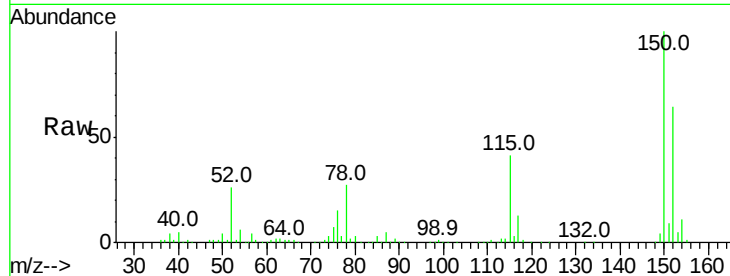


#1

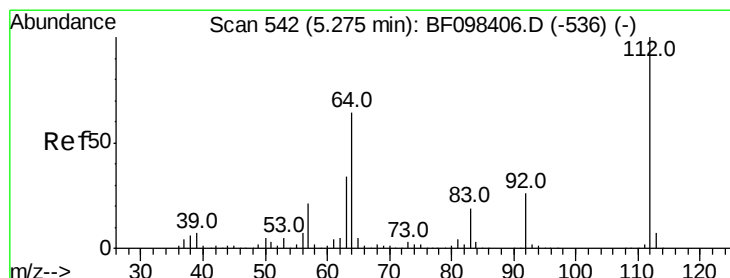
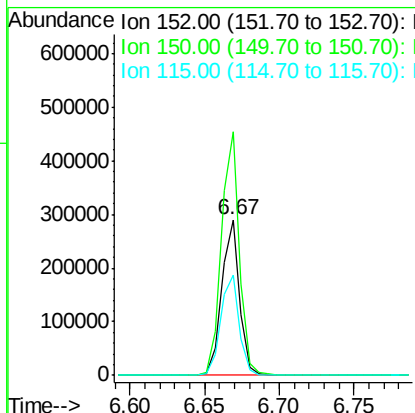
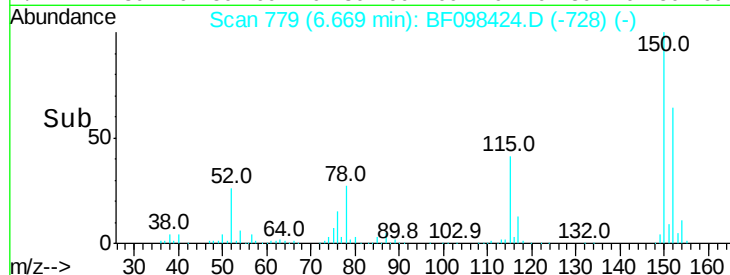
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF098424.D
Acq: 12 Sep 2017 1:29

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS007-01

Tot Ion:152 Resp: 244310
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 64.0 52.2 78.2



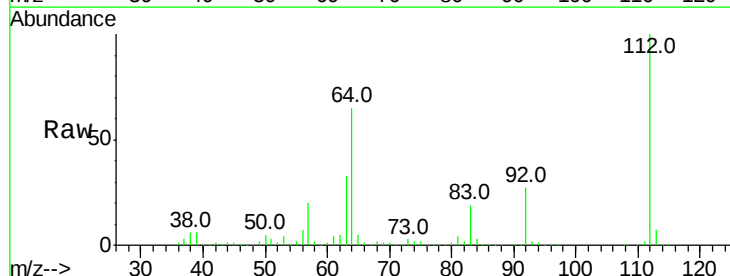
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



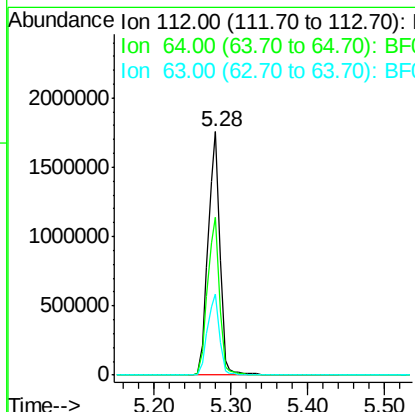
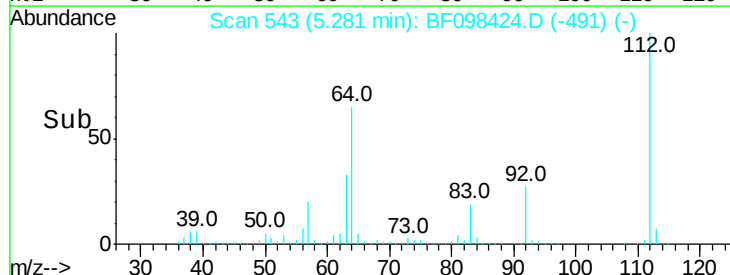
#5

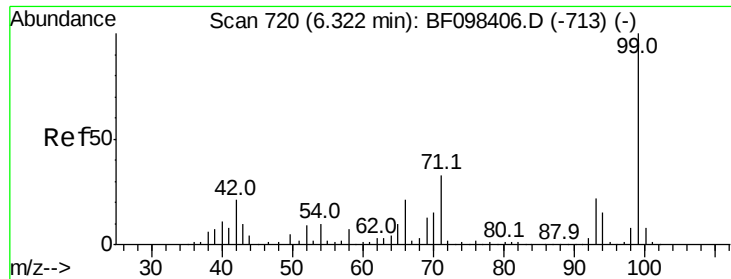
2-Fluorophenol
Concen: 112.670 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF098424.D
Acq: 12 Sep 2017 1:29

Tgt Ion:112 Resp: 1861748
Ion Ratio Lower Upper
112 100
64 64.7 46.0 69.0
63 33.5 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: 116.357 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF098424.D

Acq: 12 Sep 2017 1:29

Instrument :

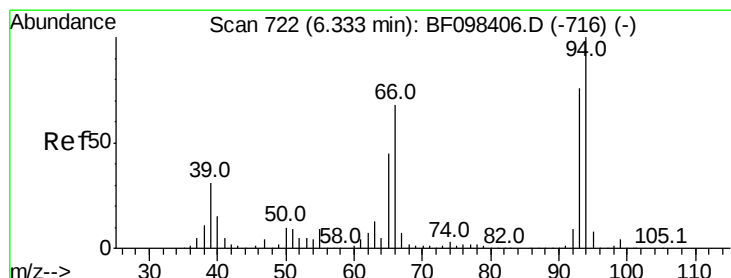
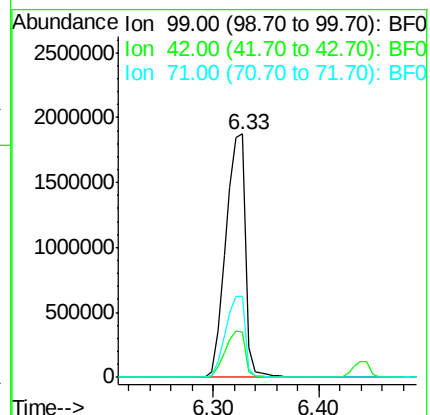
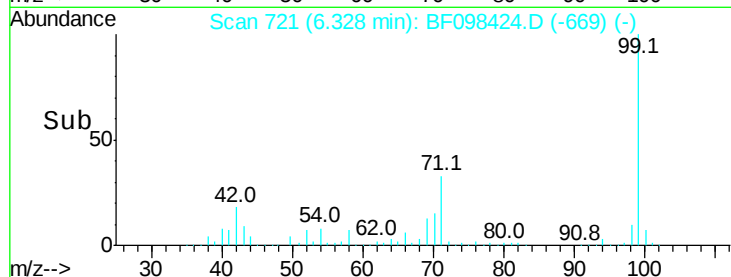
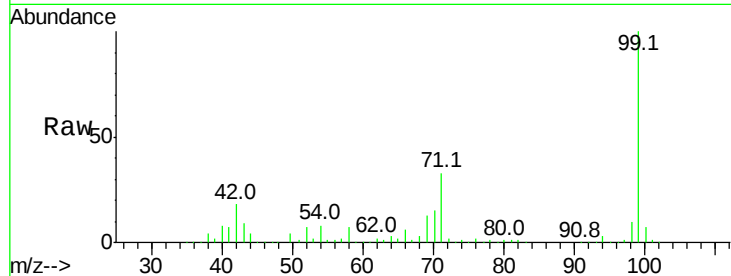
BNA_F

ClientSampleId :

EME-UTS-TS007-01

Tot Ion: 99 Resp: 2441155

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.5	20.3
71	33.4	24.5	36.7



#10

Phenol

Concen: 5.949 ng

RT: 6.33 min Scan# 722

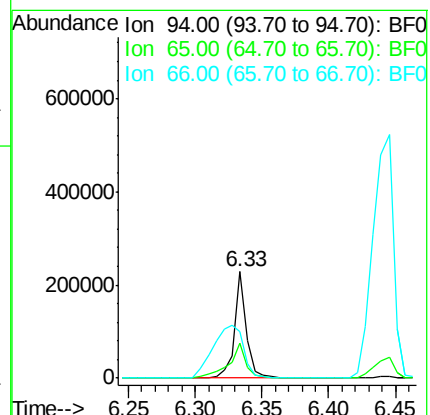
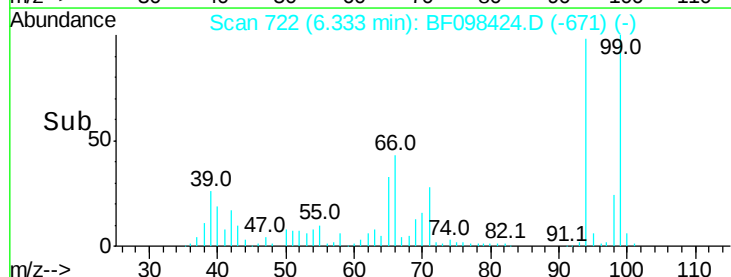
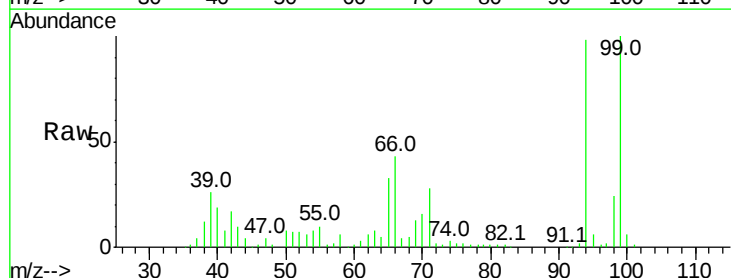
Delta R.T. 0.00 min

Lab File: BF098424.D

Acq: 12 Sep 2017 1:29

Tgt Ion: 94 Resp: 144972

Ion	Ratio	Lower	Upper
94	100		
65	33.2	9.9	49.9
66	43.9	23.1	63.1

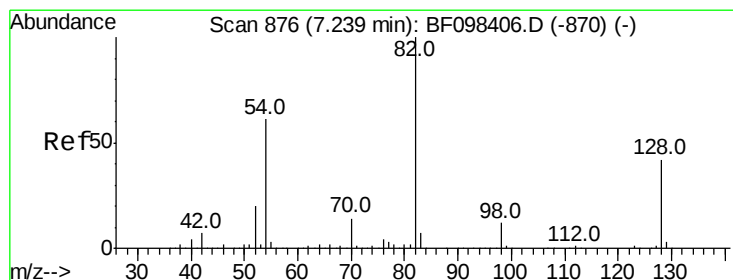
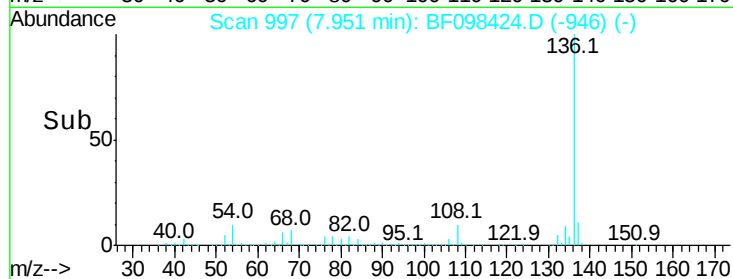
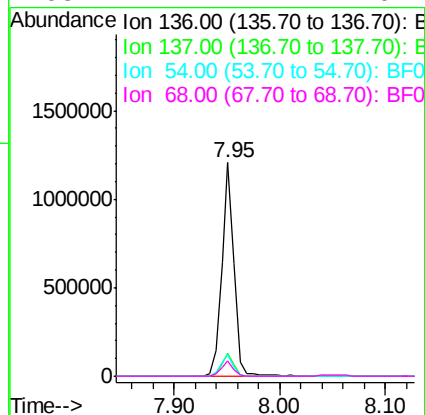
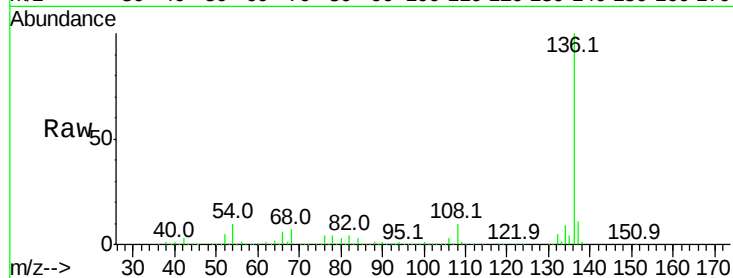




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098424.D
Acq: 12 Sep 2017 1:29

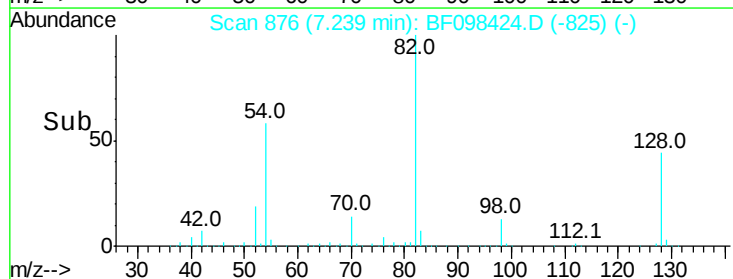
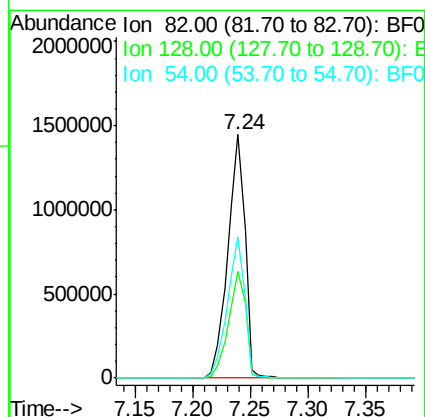
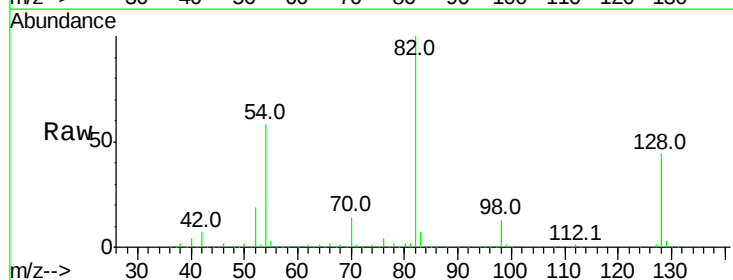
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS007-01

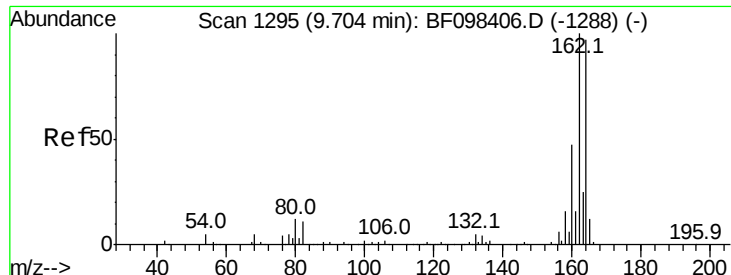
Tot Ion:	136	Resp:	993335
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.3	4.9	7.3#
68	7.4	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 84.141 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF098424.D
Acq: 12 Sep 2017 1:29

Tgt Ion:	82	Resp:	1499213
Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.0	51.0
54	57.8	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: BF098424.D

Acq: 12 Sep 2017 1:29

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS007-01

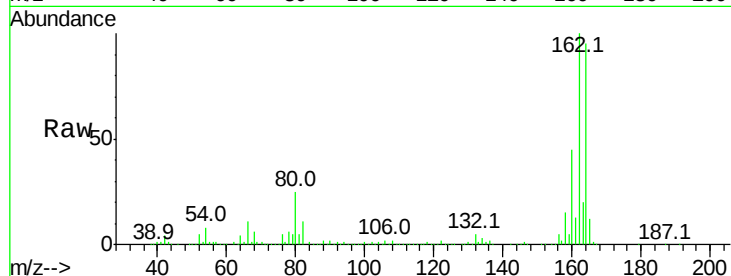
Tot Ion:164 Resp: 416154

Ion Ratio Lower Upper

164 100

162 104.8 82.6 123.8

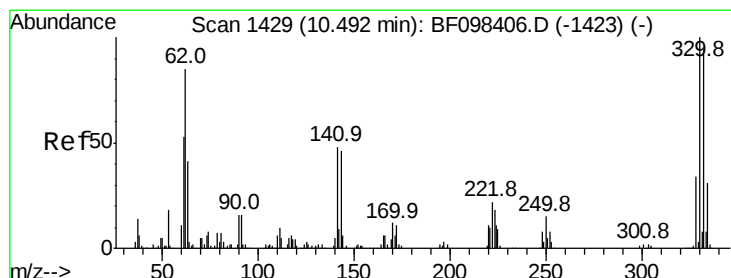
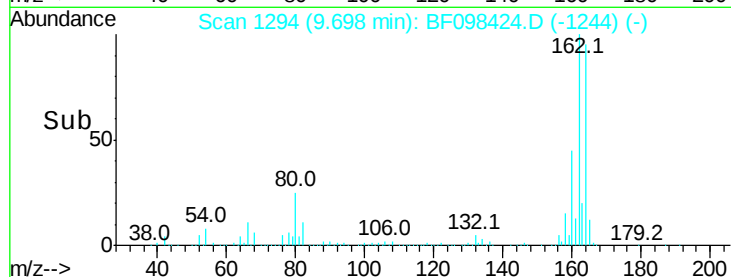
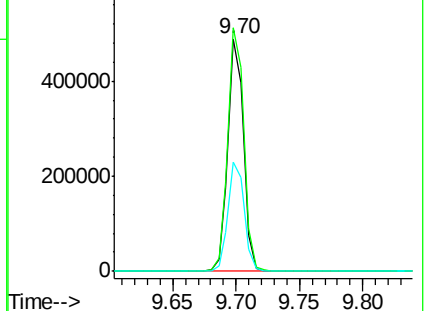
160 47.1 36.2 54.2



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: 135.736 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF098424.D

Acq: 12 Sep 2017 1:29

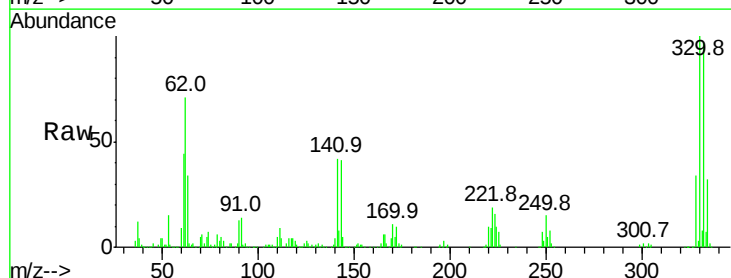
Tgt Ion:330 Resp: 377006

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

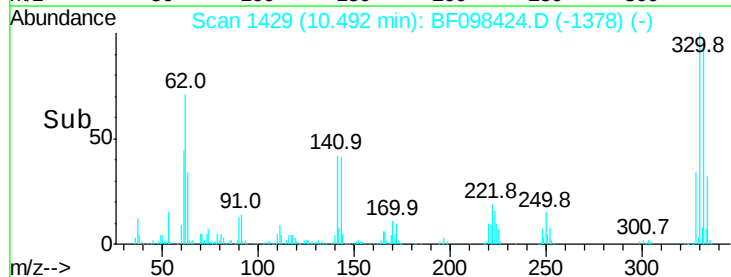
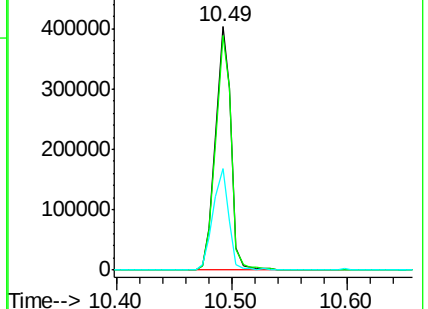
141 42.8 31.4 47.2

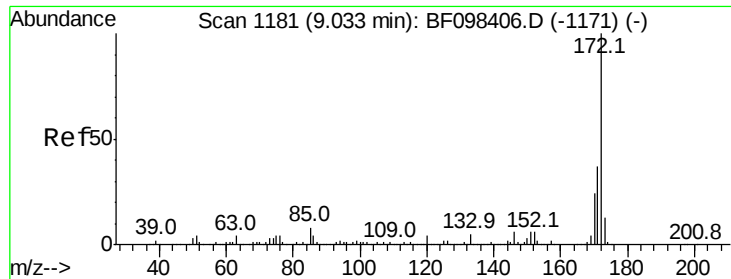


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 69.524 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF098424.D

Acq: 12 Sep 2017 1:29

Instrument :

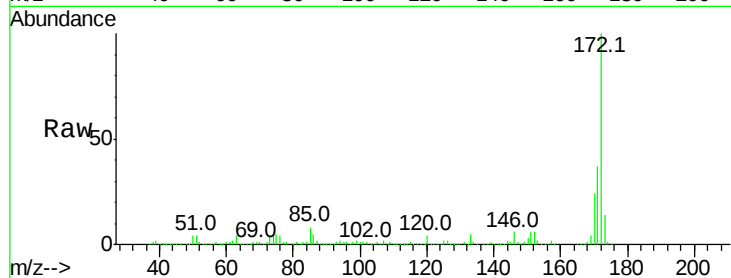
BNA_F

ClientSampleId :

EME-UTS-TS007-01

Tot Ion:172 Resp: 1707019

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.3	19.8	29.8

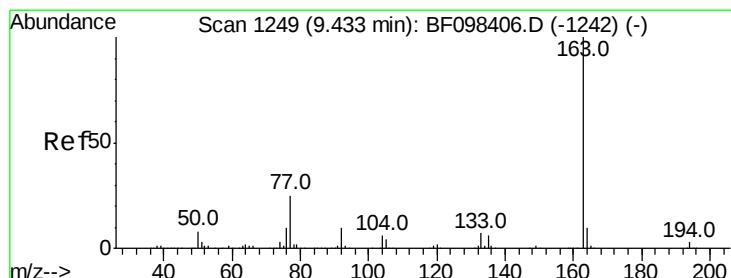
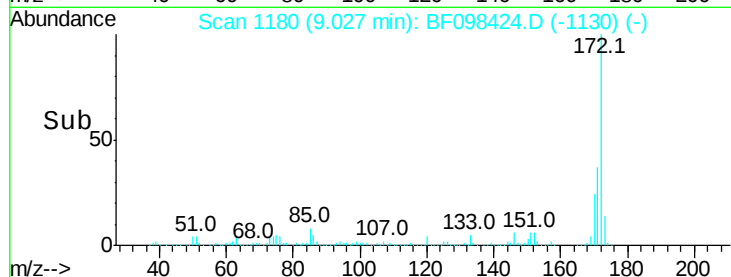
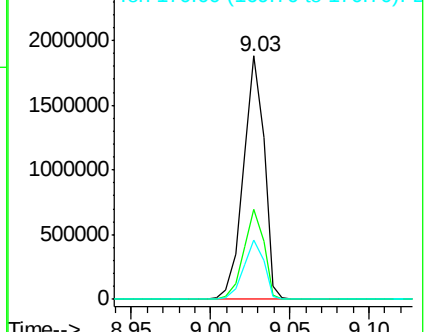


Abundance

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: 14.011 ng

RT: 9.42 min Scan# 1247

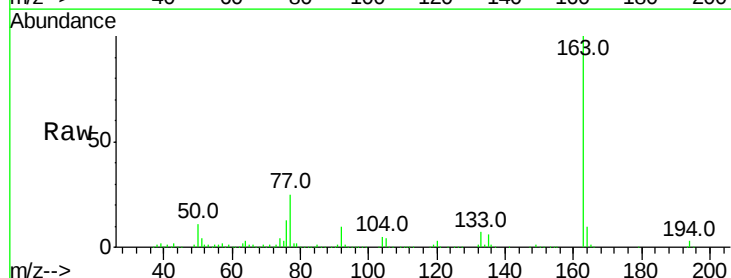
Delta R.T. -0.01 min

Lab File: BF098424.D

Acq: 12 Sep 2017 1:29

Tgt Ion:163 Resp: 451361

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.3	8.4	12.6

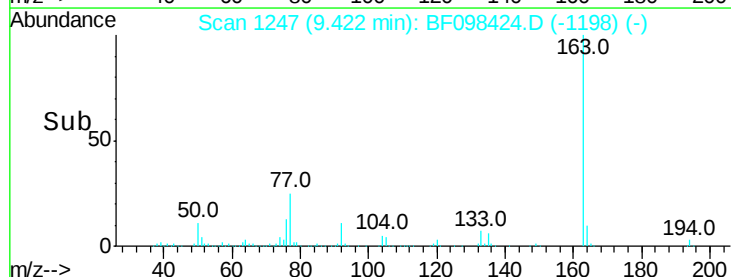
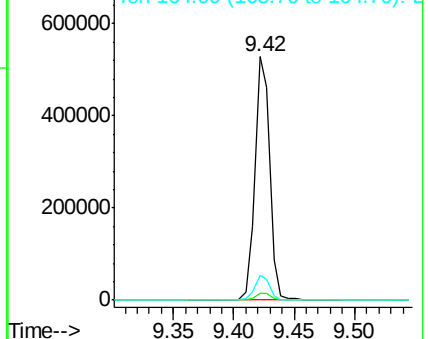


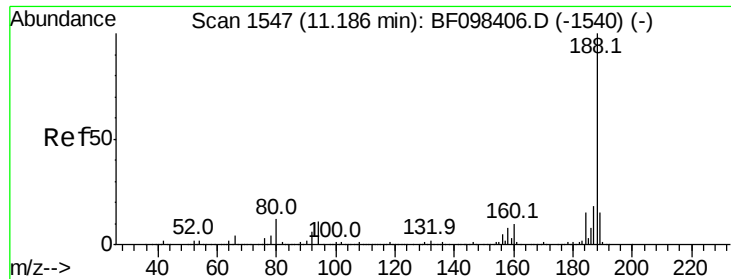
Abundance

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

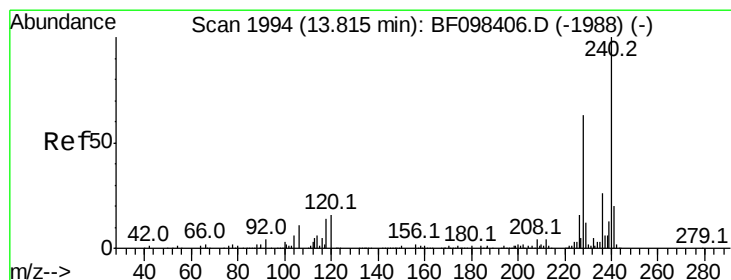
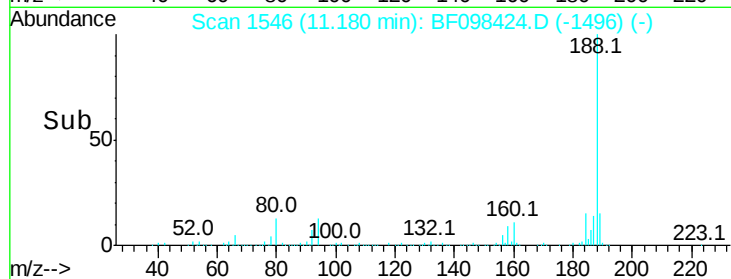
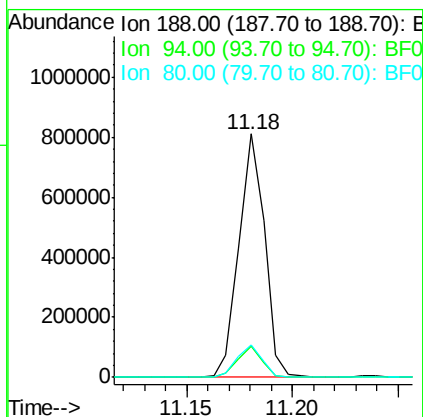
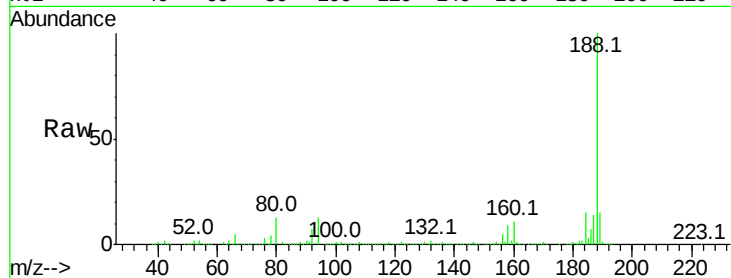




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098424.D
Acq: 12 Sep 2017 1:29

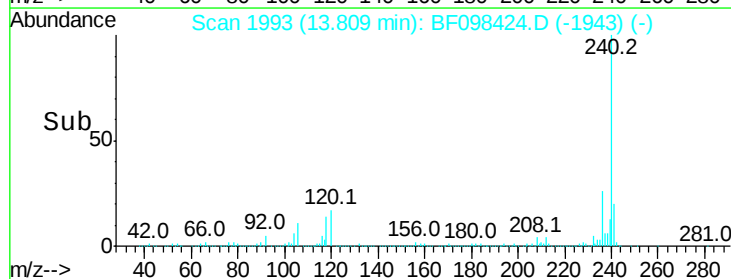
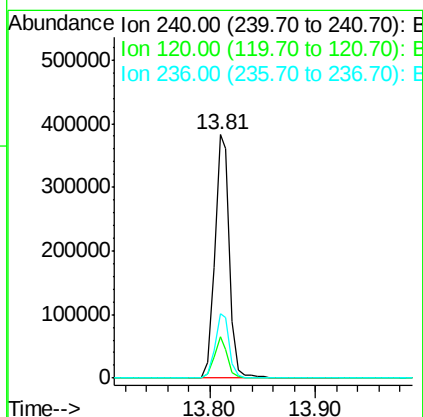
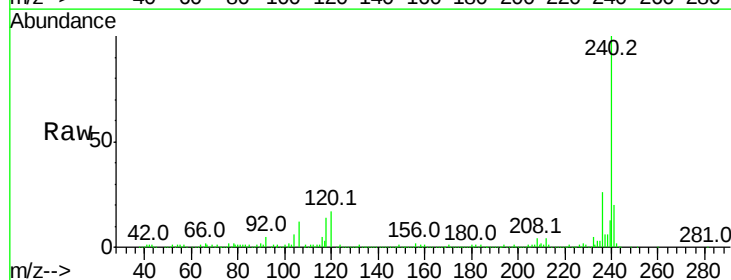
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS007-01

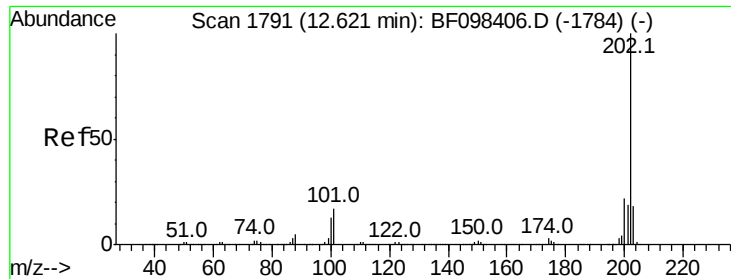
Tot Ion:188 Resp: 680575
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 13.3 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098424.D
Acq: 12 Sep 2017 1:29

Tgt Ion:240 Resp: 378011
Ion Ratio Lower Upper
240 100
120 17.0 5.8 8.8#
236 26.4 20.5 30.7





#77

Pvrene

Concen: 2.086 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF098424.D

Acq: 12 Sep 2017 1:29

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS007-01

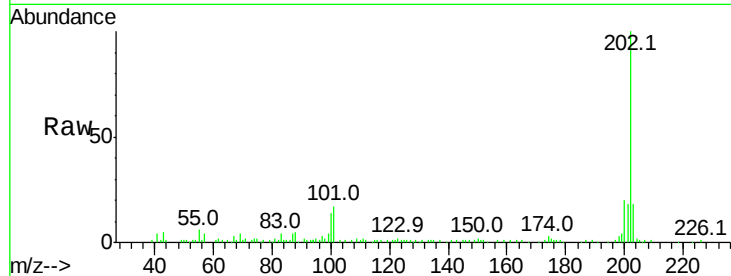
Tot Ion:202 Resp: 62190

Ion Ratio Lower Upper

202 100

200 19.9 17.6 26.4

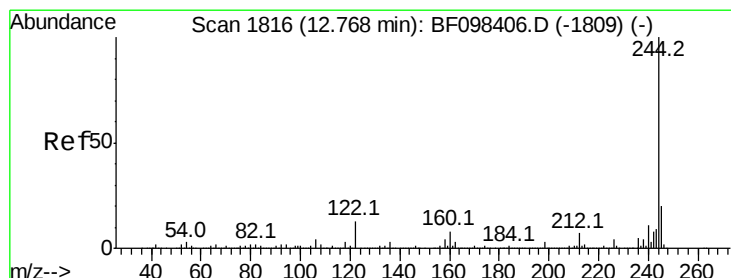
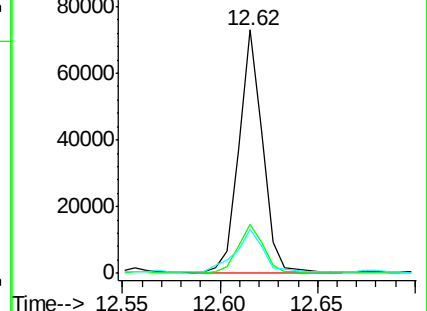
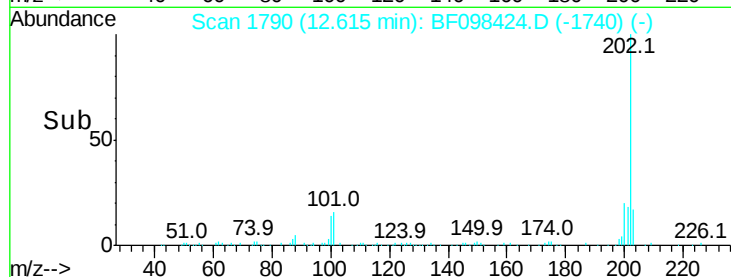
203 17.9 14.4 21.6



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



#78

Terphenyl-d14

Concen: 55.446 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098424.D

Acq: 12 Sep 2017 1:29

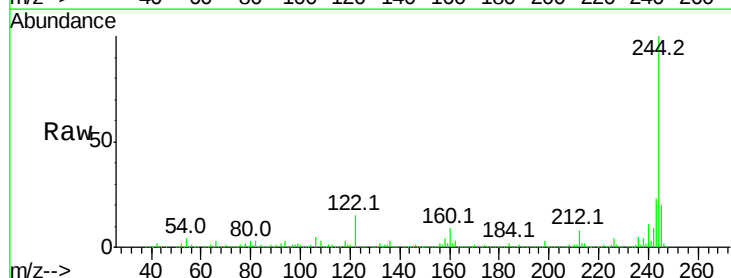
Tgt Ion:244 Resp: 971030

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

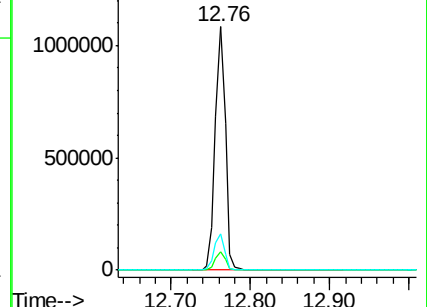
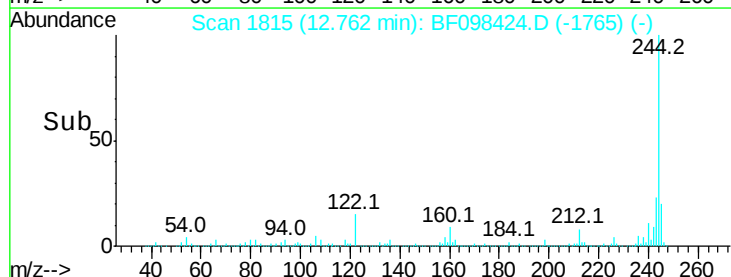
122 14.6 10.3 15.5

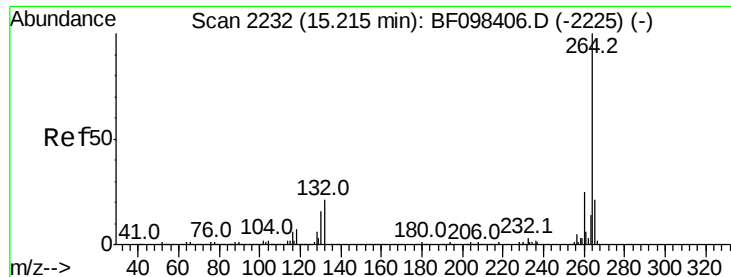


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF098424.D
Acq: 12 Sep 2017 1:29

Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS007-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.0	17.2	25.8

