

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001137.D
 Acq On : 02 Dec 2019 20:43
 Operator : JU
 Sample : K5938-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-277

Quant Time: Dec 03 00:53:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

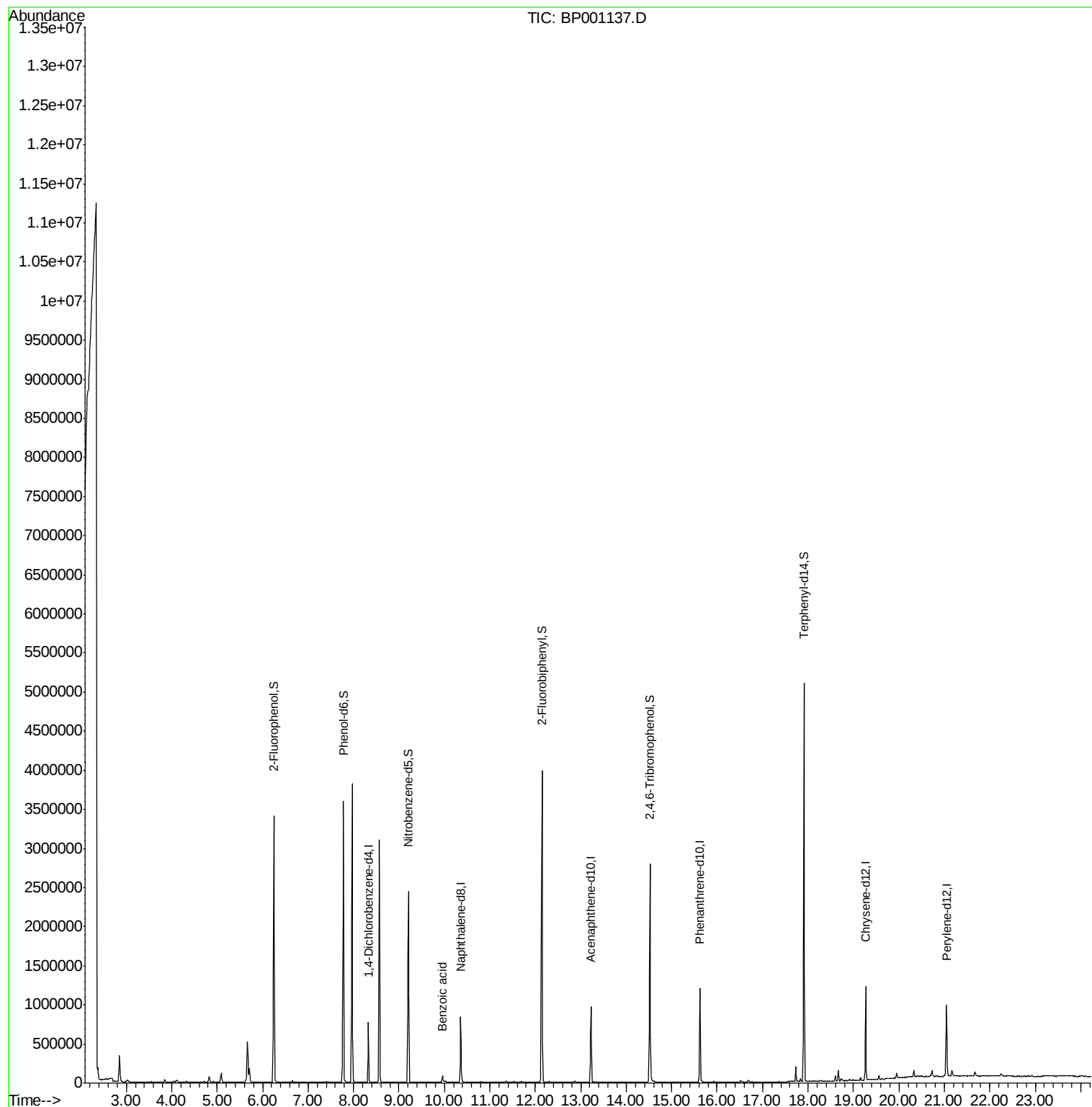
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	135197	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	508772	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	279243	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	535573	20.00	ng	0.00
76) Chrysene-d12	19.27	240	433609	20.00	ng	0.00
87) Perylene-d12	21.05	264	465583	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	1198307	147.05	ng	0.02
7) Phenol-d6	7.78	99	1599929	147.37	ng	0.01
23) Nitrobenzene-d5	9.21	82	1090118	92.96	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	391654	146.33	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1765729	92.55	ng	0.00
79) Terphenyl-d14	17.91	244	2098674	89.54	ng	0.00
Target Compounds						
32) Benzoic acid	9.96	122	30272	6.189	ng	Qvalue 97

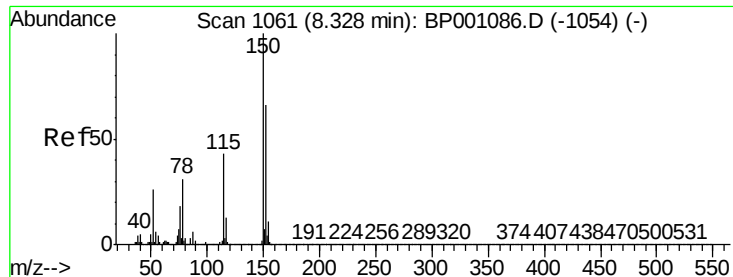
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001137.D

Acq: 02 Dec 2019 20:43

Instrument :

BNA_P

ClientSampleId :

ETGI-277

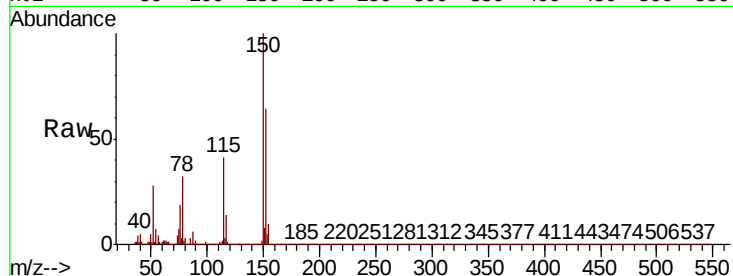
Tot Ion:152 Resp: 135197

Ion Ratio Lower Upper

152 100

150 155.5 120.6 181.0

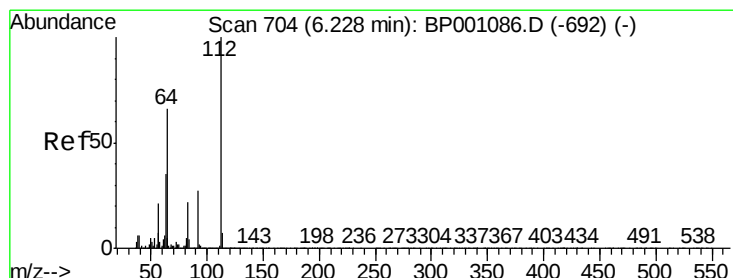
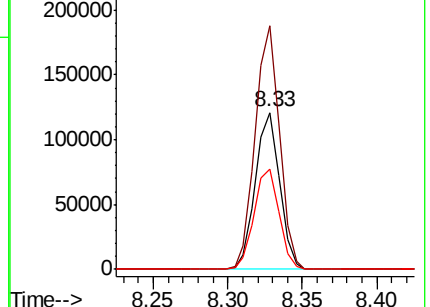
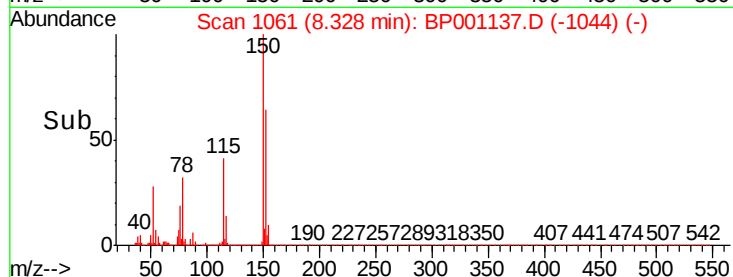
115 64.3 51.6 77.4



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: 147.051 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.02 min

Lab File: BP001137.D

Acq: 02 Dec 2019 20:43

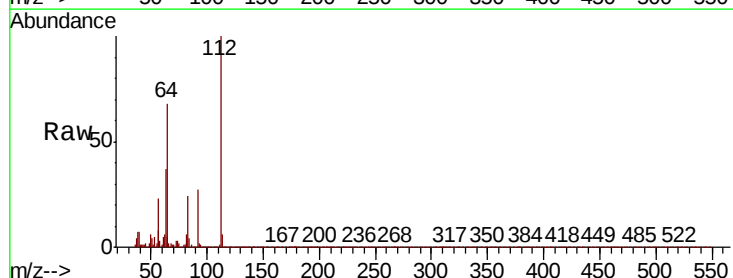
Tgt Ion:112 Resp: 1198307

Ion Ratio Lower Upper

112 100

64 68.1 52.8 79.2

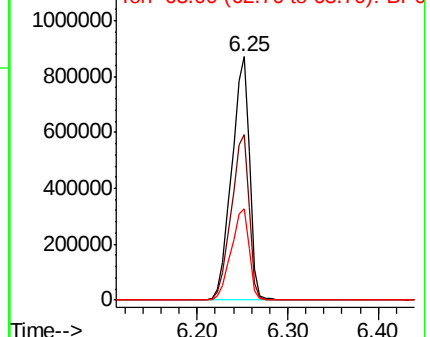
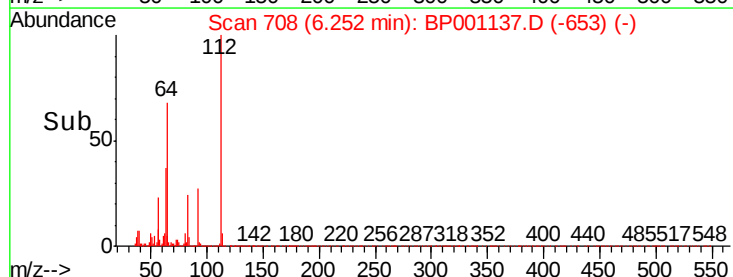
63 37.3 28.2 42.2

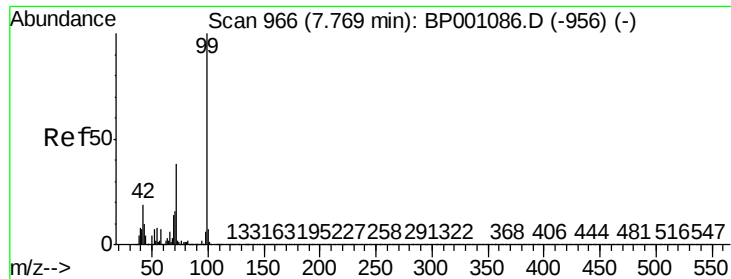


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 147.373 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001137.D

Acq: 02 Dec 2019 20:43

Instrument :

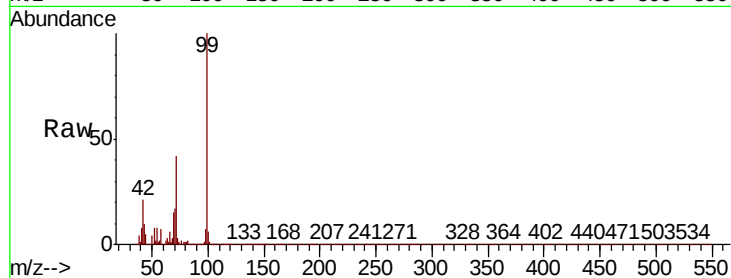
BNA_P

ClientSampleId :

ETGI-277

Tot Ion: 99 Resp: 1599929

Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.4	23.0
71	41.7	30.8	46.2



Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

1500000

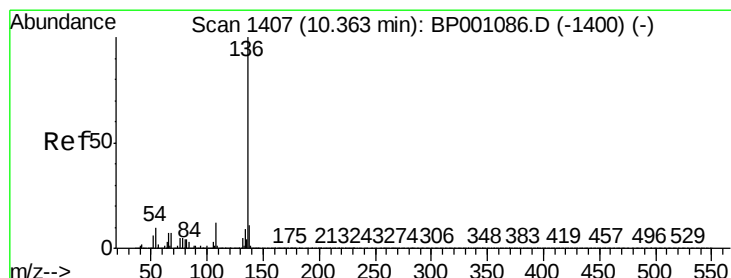
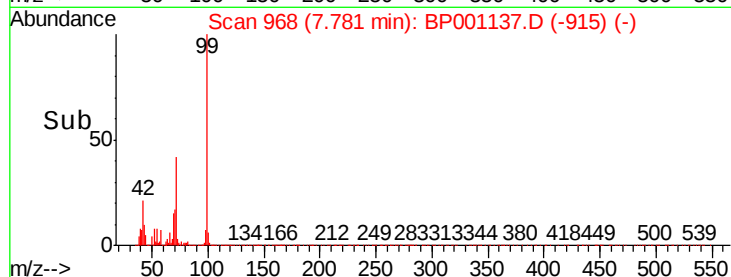
1000000

500000

0

7.78

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1406

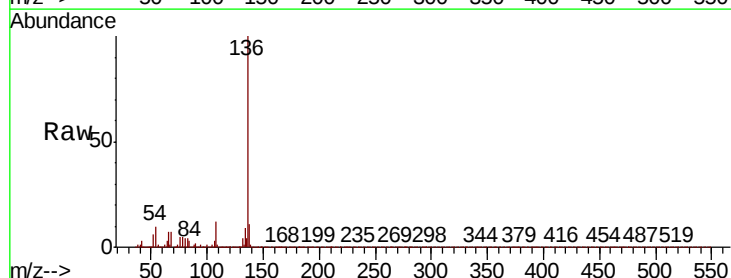
Delta R.T. -0.01 min

Lab File: BP001137.D

Acq: 02 Dec 2019 20:43

Tgt Ion: 136 Resp: 508772

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.2	7.9	11.9
68	6.9	5.6	8.4



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): BP0

Ion 68.00 (67.70 to 68.70): BP0

600000

500000

400000

300000

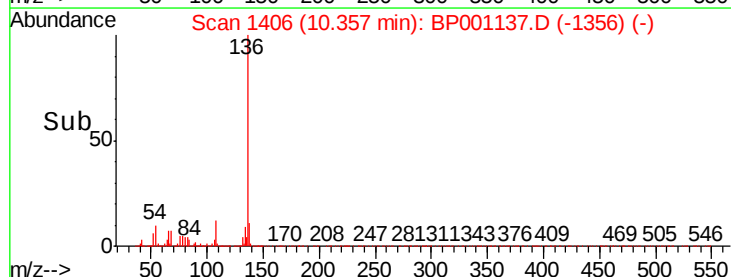
200000

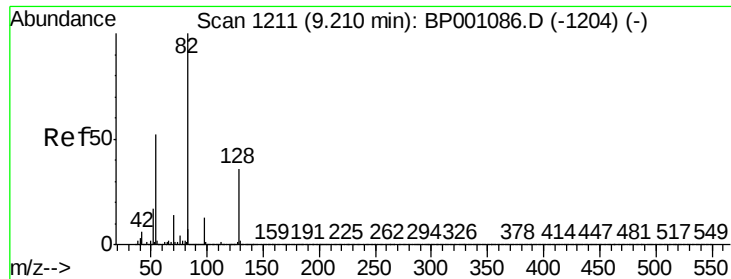
100000

0

10.36

Time-->



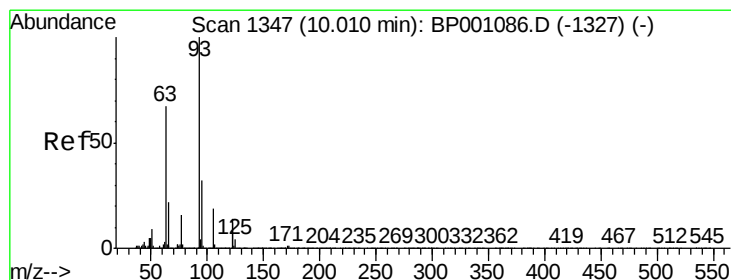
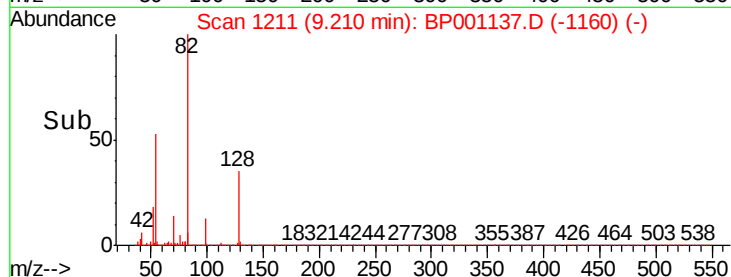
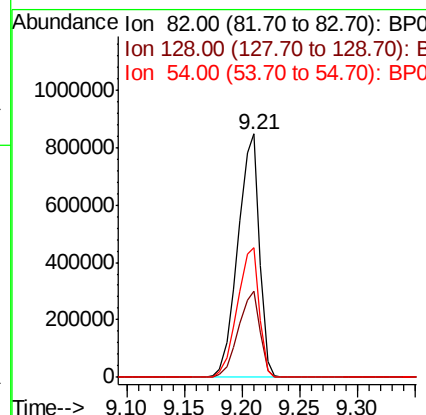
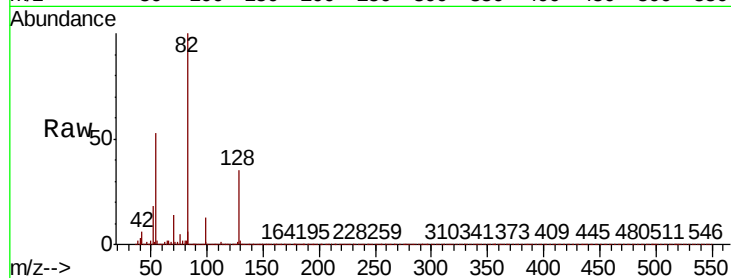


#23
 Nitrobenzene-d5
 Concen: 92.960 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BP001137.D
 Acq: 02 Dec 2019 20:43

Instrument :
 BNA_P
 ClientSampled :
 ETGI-277

Tot Ion: 82 Resp: 1090118

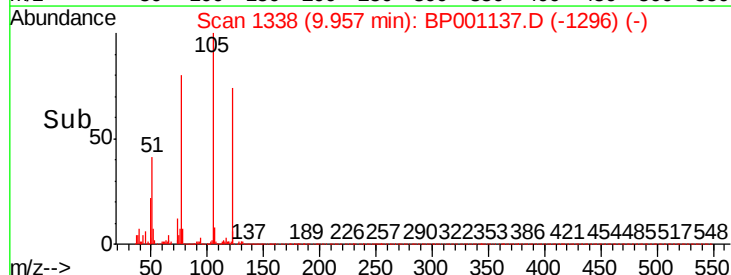
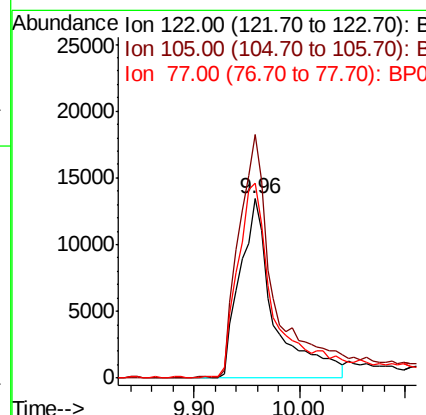
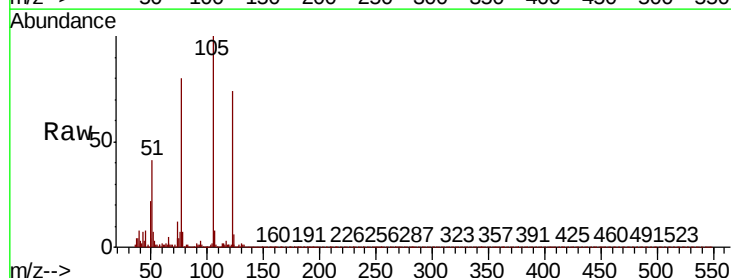
Ion	Ratio	Lower	Upper
82	100		
128	35.2	28.9	43.3
54	53.4	41.9	62.9

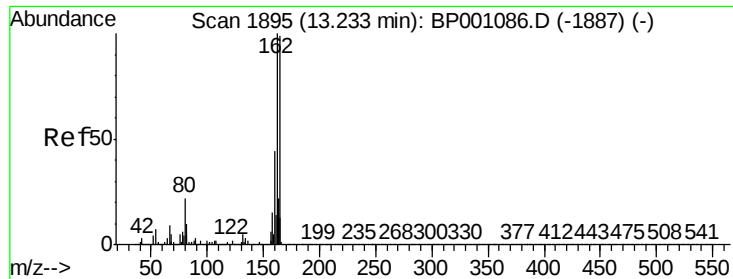


#32
 Benzoic acid
 Concen: 6.189 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.05 min
 Lab File: BP001137.D
 Acq: 02 Dec 2019 20:43

Tgt Ion: 122 Resp: 30272

Ion	Ratio	Lower	Upper
122	100		
105	135.8	116.8	156.8
77	108.9	95.0	135.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.23 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BP001137.D

Acq: 02 Dec 2019 20:43

Instrument :

BNA_P

ClientSampled :

ETGI-277

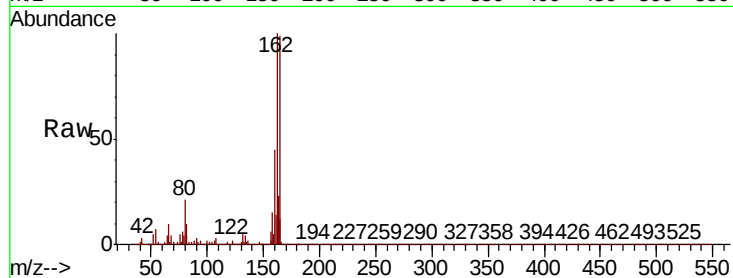
Tot Ion:164 Resp: 279243

Ion Ratio Lower Upper

164 100

162 101.1 80.6 120.8

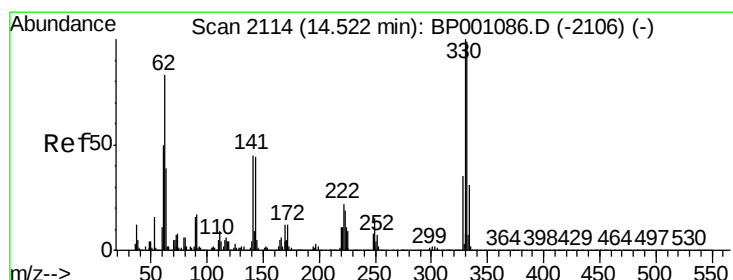
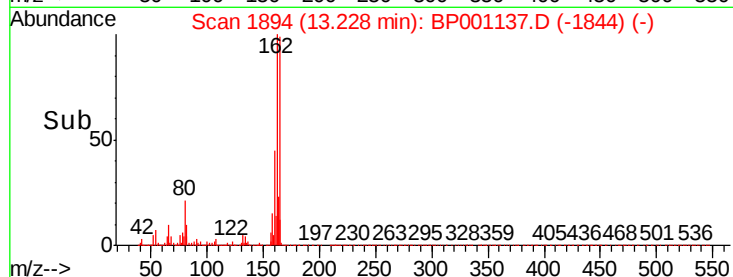
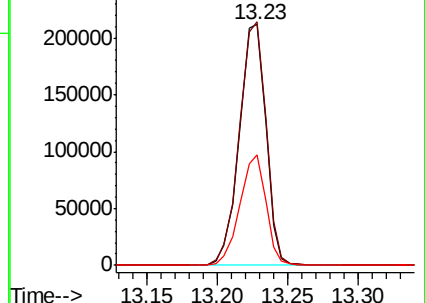
160 45.8 35.4 53.2



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



#42

2,4,6-Tribromophenol

Concen: 146.328 ng

RT: 14.52 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BP001137.D

Acq: 02 Dec 2019 20:43

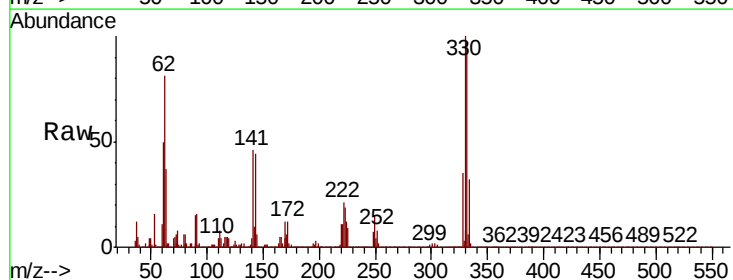
Tgt Ion:330 Resp: 391654

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

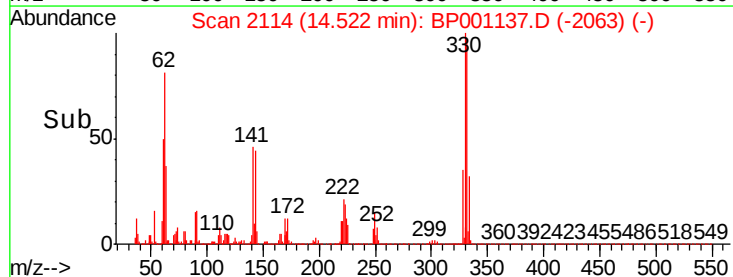
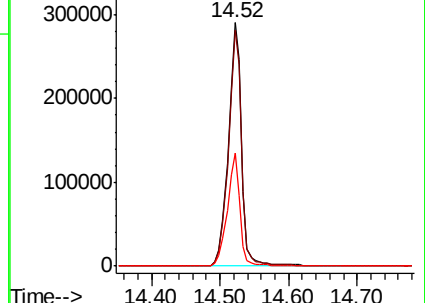
141 44.1 34.2 51.2

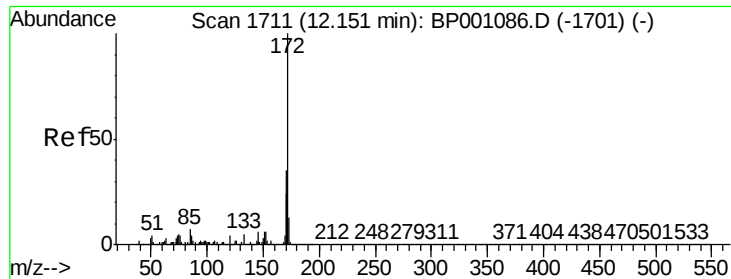


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

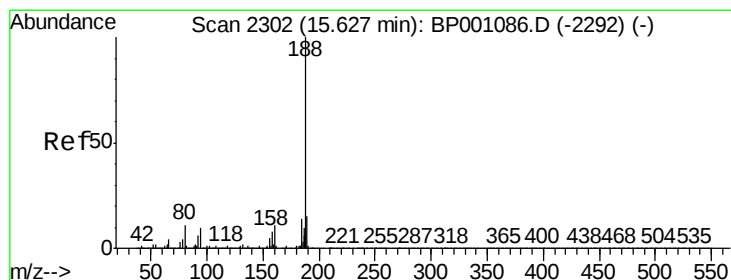
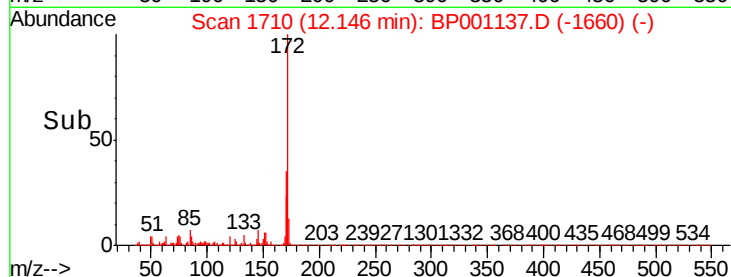
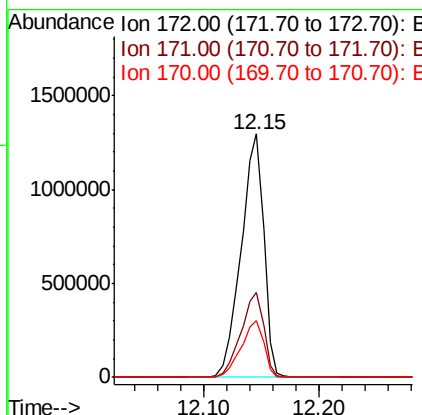
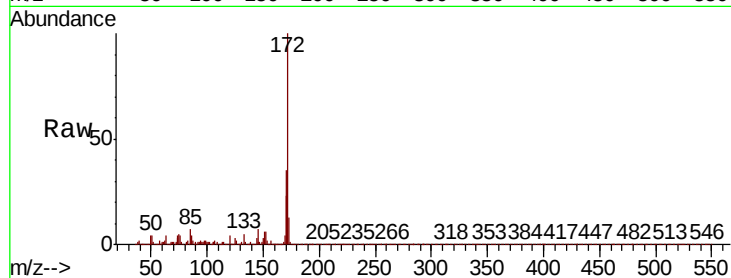




#45
2-Fluorobiphenyl
Concen: 92.546 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001137.D
Acq: 02 Dec 2019 20:43

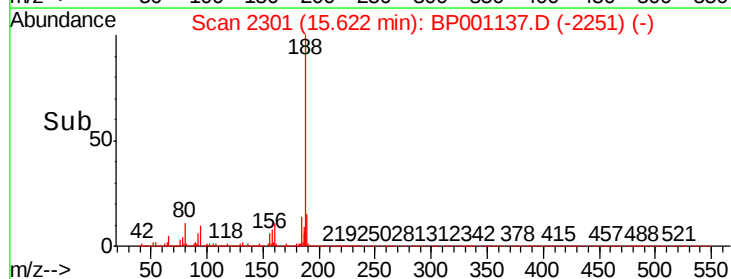
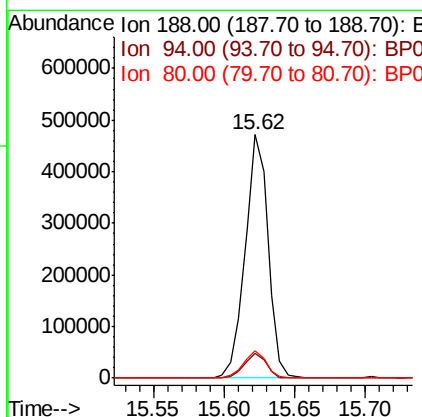
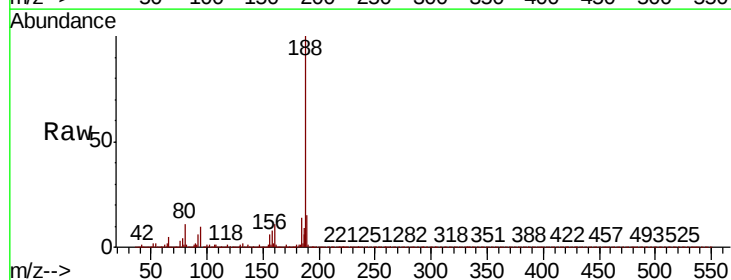
Instrument :
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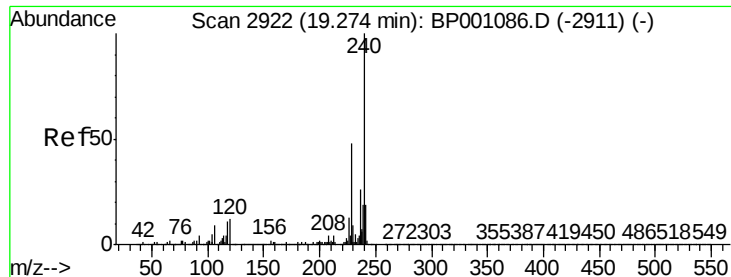
Tot Ion:172 Resp: 1765729
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.4 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001137.D
Acq: 02 Dec 2019 20:43

Tgt Ion:188 Resp: 535573
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.4 8.8 13.2

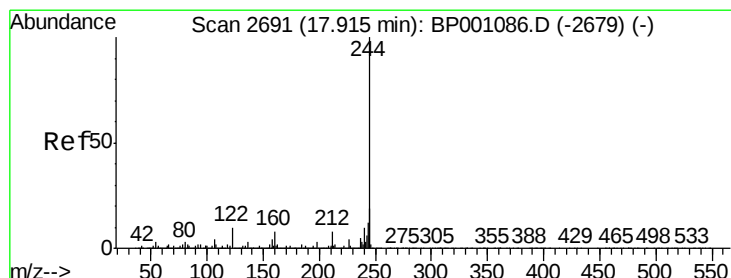
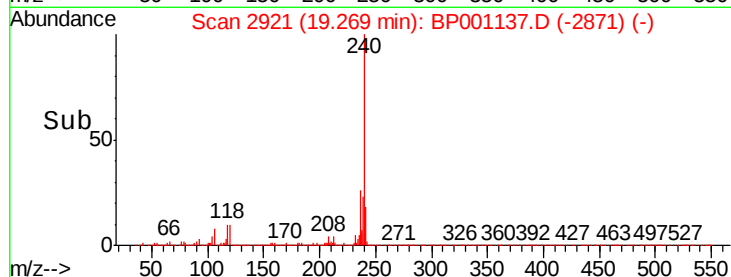
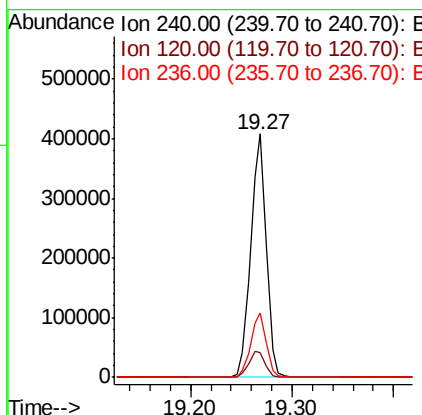
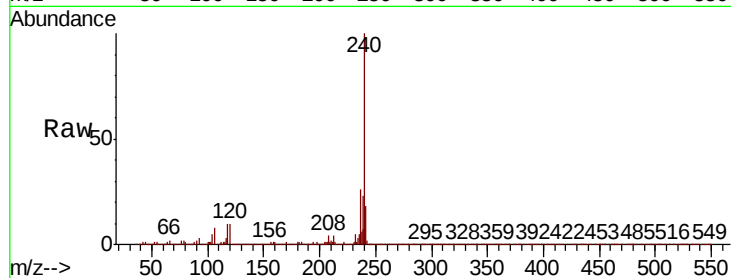




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BP001137.D
Acq: 02 Dec 2019 20:43

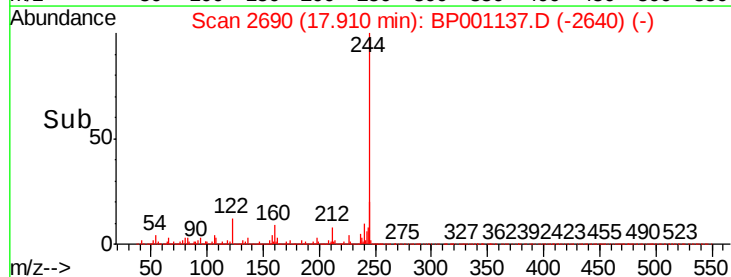
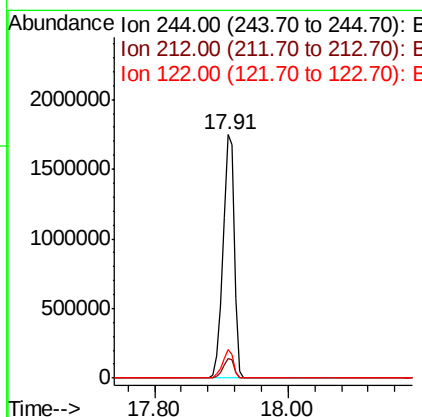
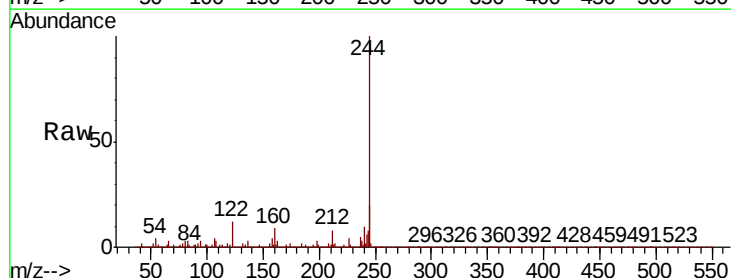
Instrument :
BNA_P
ClientSampled :
ETGI-277

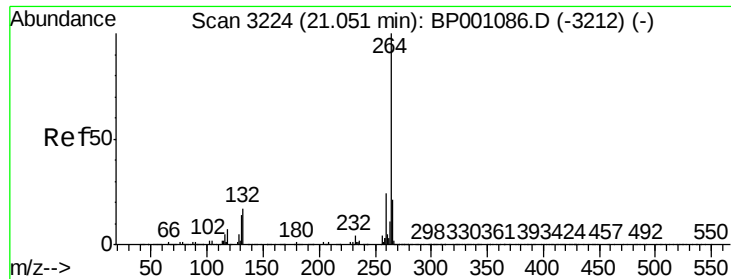
Tot Ion:240 Resp: 433609
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 26.3 20.4 30.6



#79
Terphenyl-d14
Concen: 89.545 ng
RT: 17.91 min Scan# 2690
Delta R.T. -0.01 min
Lab File: BP001137.D
Acq: 02 Dec 2019 20:43

Tgt Ion:244 Resp: 2098674
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 11.7 8.2 12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BP001137.D
Acq: 02 Dec 2019 20:43

Instrument :
BNA_P
ClientSampleId :
ETGI-277

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.6	16.9	25.3

