

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001155.D
 Acq On : 03 Dec 2019 07:28
 Operator : JU
 Sample : K6016-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HP-627

Quant Time: Dec 03 08:07:39 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

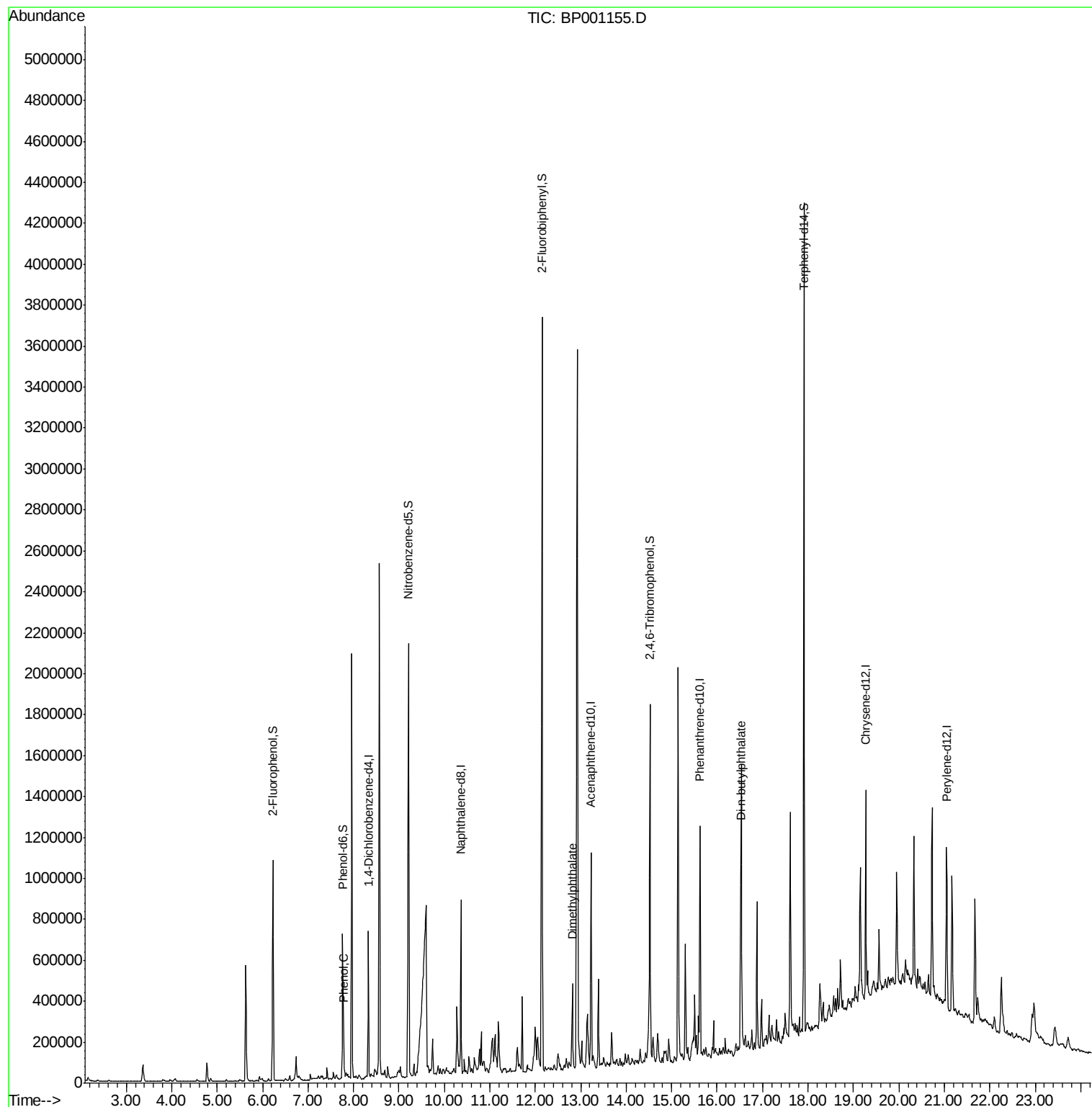
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	122289	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	439605	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	246343	20.00	ng	0.00
64) Phenanthrene-d10	15.63	188	468448	20.00	ng	0.00
76) Chrysene-d12	19.27	240	378668	20.00	ng	0.00
87) Perylene-d12	21.05	264	408482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	341403	46.32	ng	0.00
7) Phenol-d6	7.77	99	290942	29.63	ng	0.00
23) Nitrobenzene-d5	9.21	82	870872	85.95	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	232394	98.42	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1409609	83.75	ng	0.00
79) Terphenyl-d14	17.92	244	1637788	80.02	ng	0.00
Target Compounds						
10) Phenol	7.79	94	25130	2.250	ng	94
50) Dimethylphthalate	12.81	163	129181	7.012	ng	99
74) Di-n-butylphthalate	16.54	149	113296	3.815	ng	99

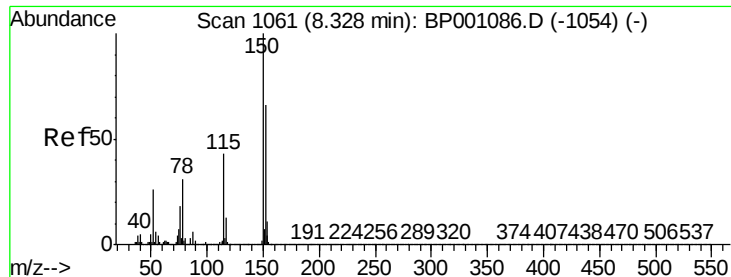
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001155.D

Acq: 03 Dec 2019 07:28

Instrument :

BNA_P

ClientSampleId :

HP-627

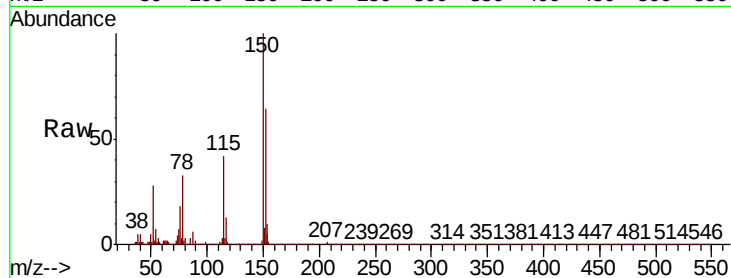
Tot Ion:152 Resp: 122289

Ion Ratio Lower Upper

152 100

150 155.2 120.6 181.0

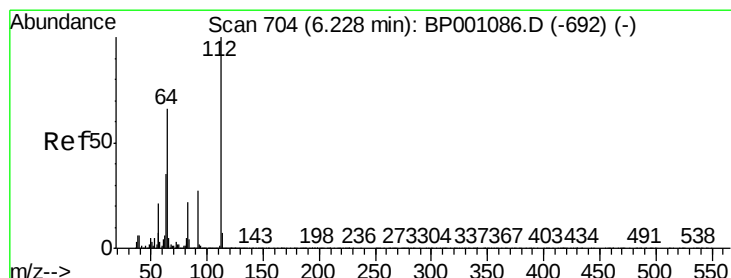
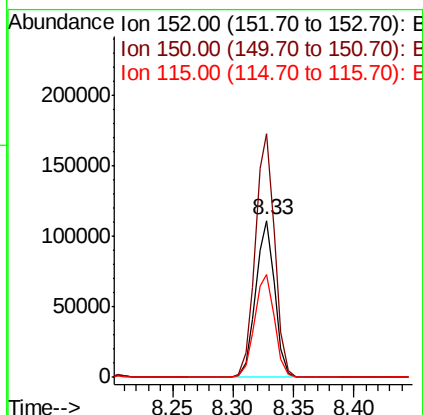
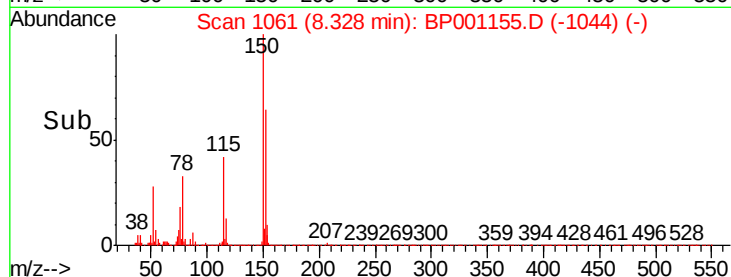
115 65.8 51.6 77.4



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: 46.318 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BP001155.D

Acq: 03 Dec 2019 07:28

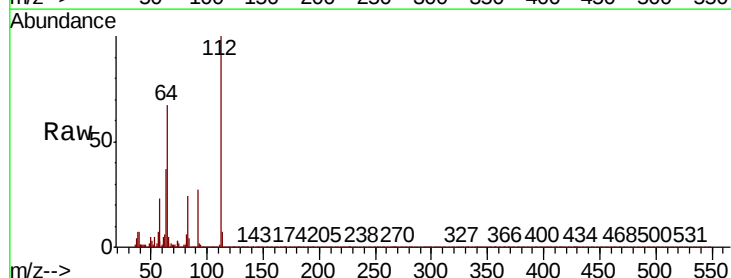
Tgt Ion:112 Resp: 341403

Ion Ratio Lower Upper

112 100

64 66.8 52.8 79.2

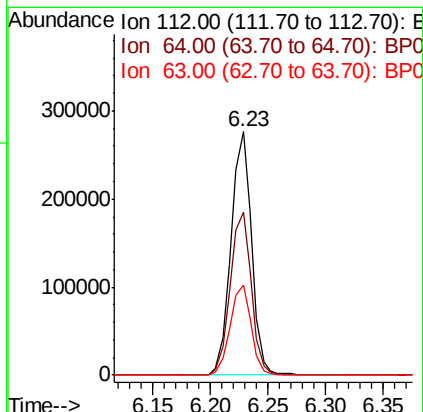
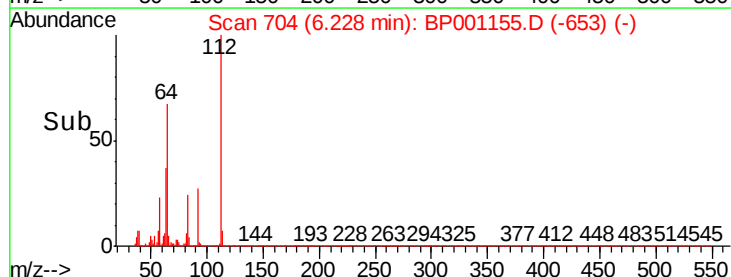
63 37.1 28.2 42.2

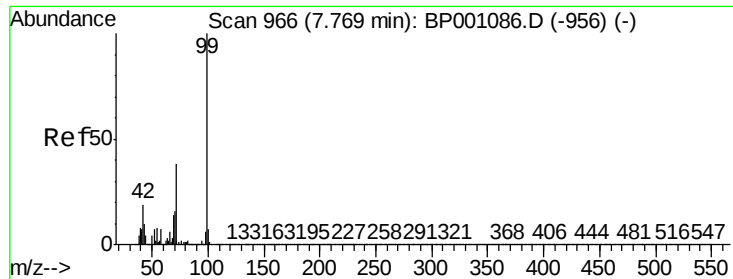


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 29.628 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001155.D

Acq: 03 Dec 2019 07:28

Instrument :

BNA_P

ClientSampleId :

HP-627

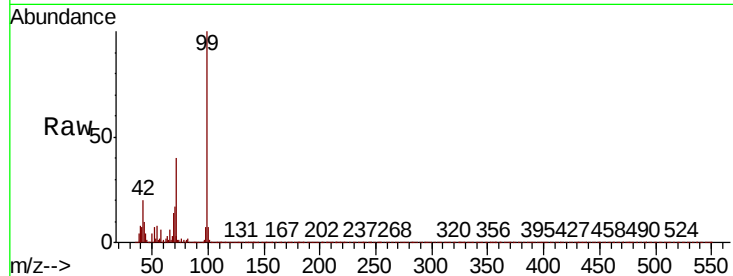
Tot Ion: 99 Resp: 290942

Ion Ratio Lower Upper

99 100

42 19.6 15.4 23.0

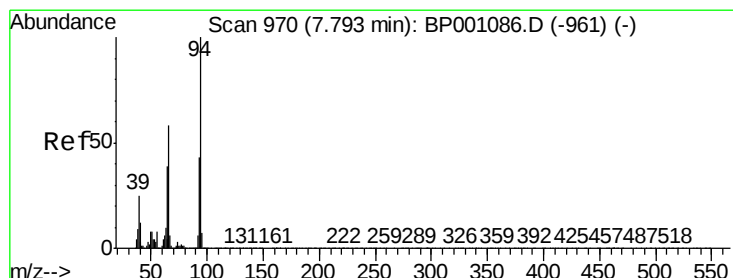
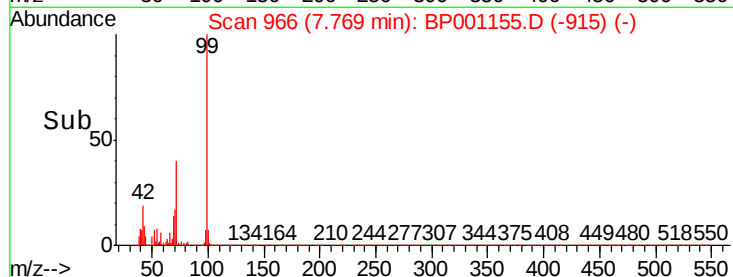
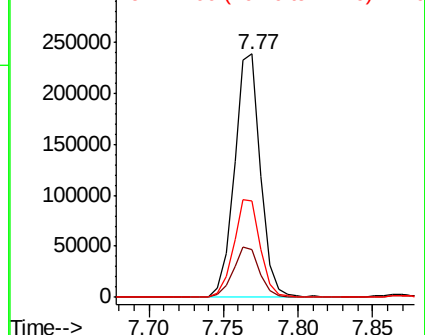
71 39.7 30.8 46.2



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



#10

Phenol

Concen: 2.250 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP001155.D

Acq: 03 Dec 2019 07:28

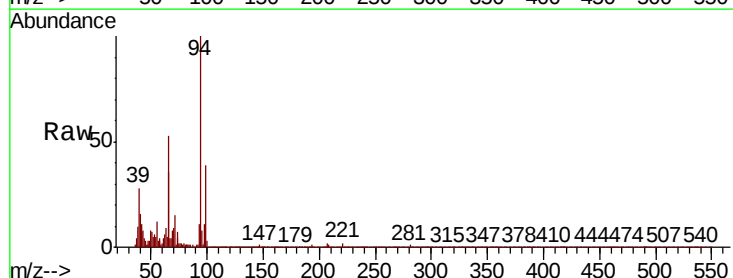
Tgt Ion: 94 Resp: 25130

Ion Ratio Lower Upper

94 100

65 36.2 18.6 58.6

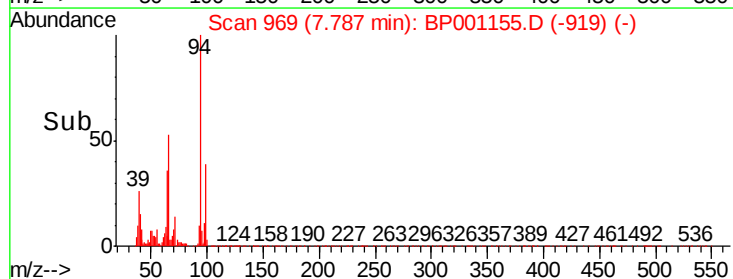
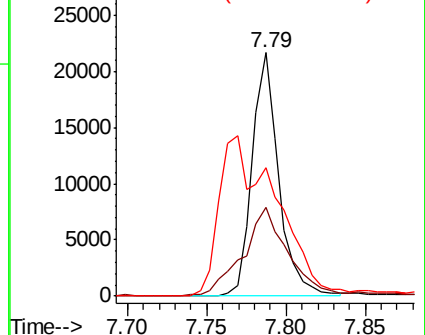
66 52.6 37.6 77.6

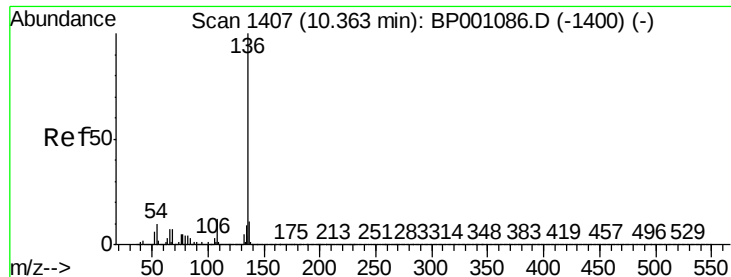


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

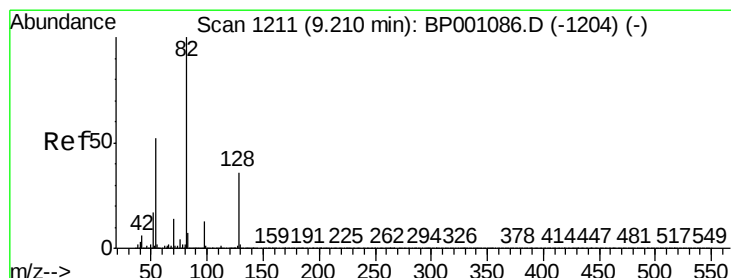
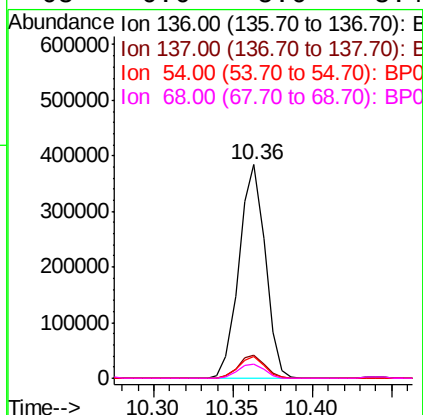
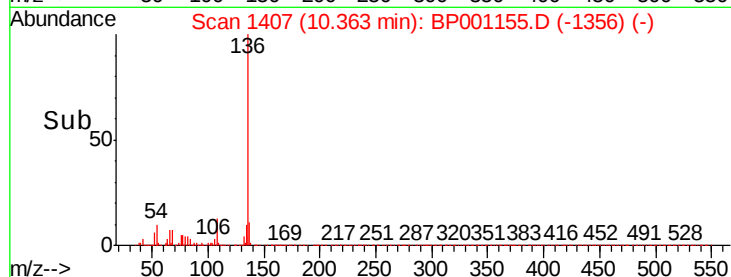
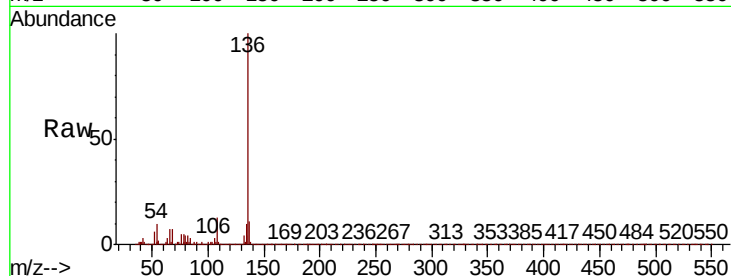




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001155.D
Acq: 03 Dec 2019 07:28

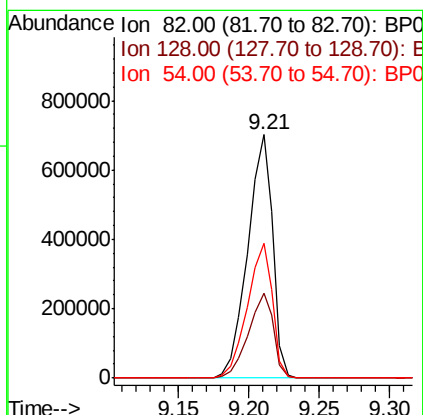
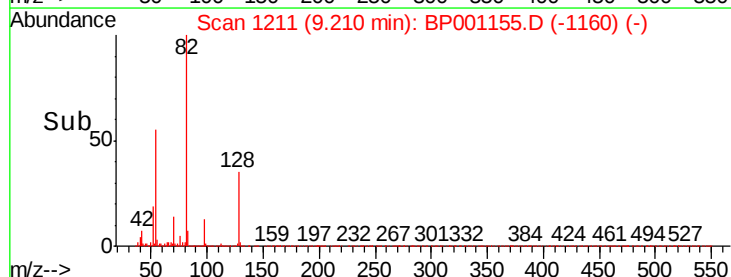
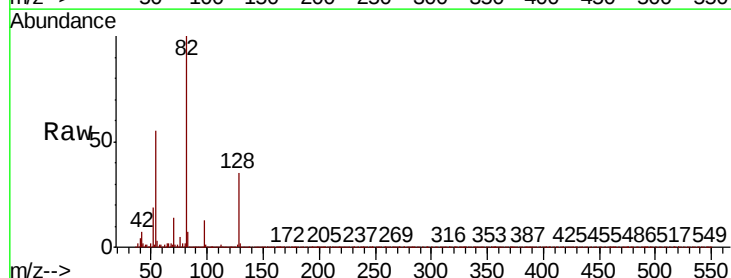
Instrument :
BNA_P
ClientSampleId :
HP-627

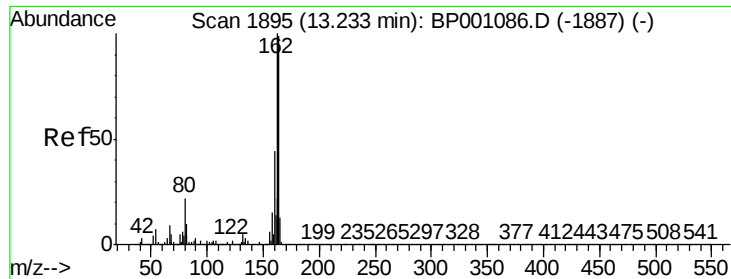
Tot Ion:136	Resp:	439605	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.8	13.2	
54 9.9	7.9	11.9	
68 6.6	5.6	8.4	



#23
Nitrobenzene-d5
Concen: 85.949 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001155.D
Acq: 03 Dec 2019 07:28

Tgt	Ion: 82	Resp:	870872
Ion	Ratio	Lower	Upper
82	100		
128	34.9	28.9	43.3
54	55.3	41.9	62.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.23 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BP001155.D

Acq: 03 Dec 2019 07:28

Instrument :

BNA_P

ClientSampleId :

HP-627

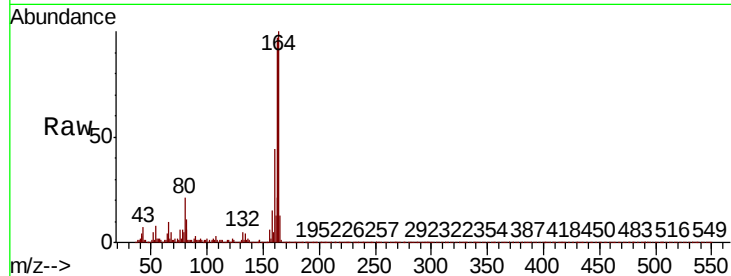
Tot Ion:164 Resp: 246343

Ion Ratio Lower Upper

164 100

162 97.4 80.6 120.8

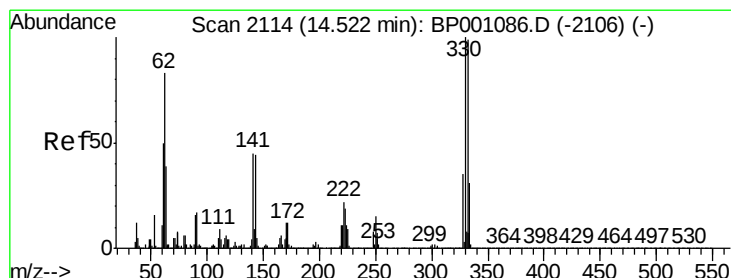
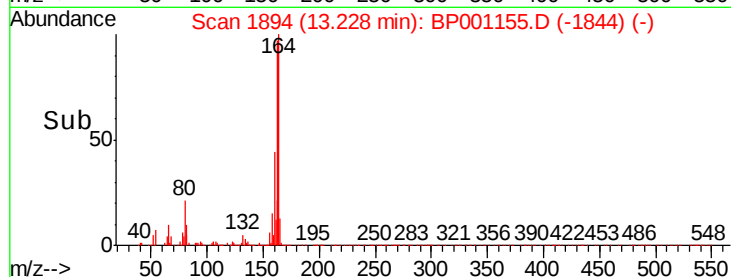
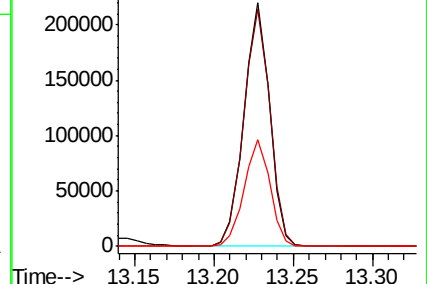
160 43.6 35.4 53.2



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: 98.422 ng

RT: 14.52 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BP001155.D

Acq: 03 Dec 2019 07:28

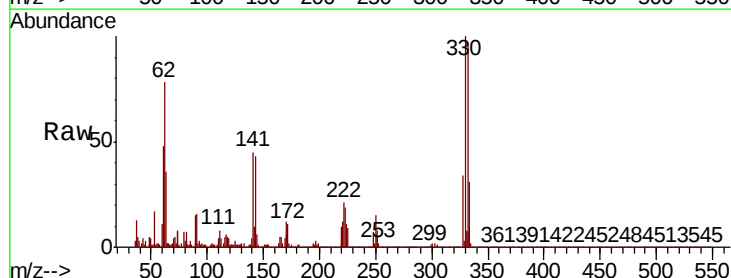
Tgt Ion:330 Resp: 232394

Ion Ratio Lower Upper

330 100

332 97.9 77.6 116.4

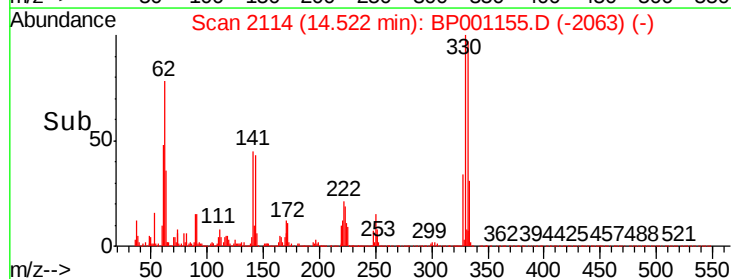
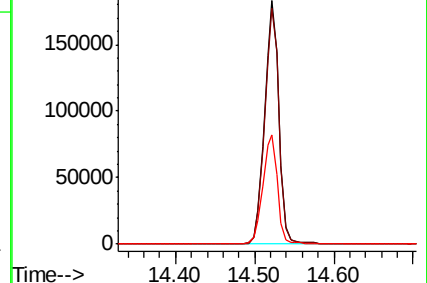
141 45.0 34.2 51.2

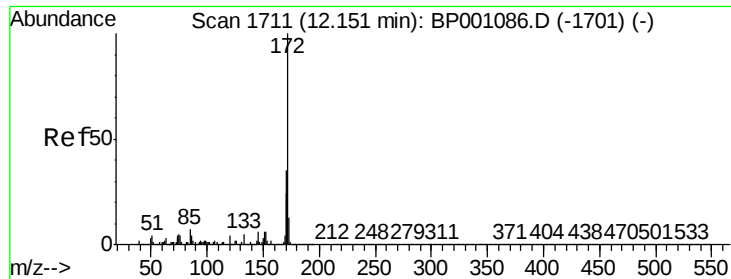


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

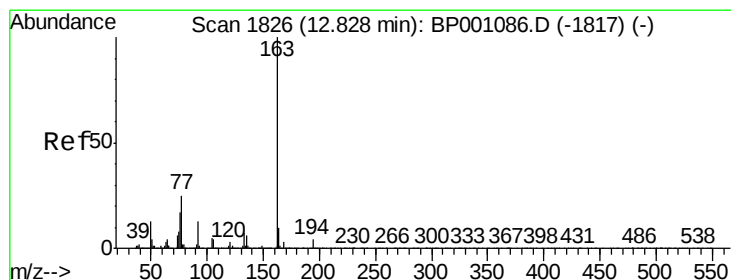
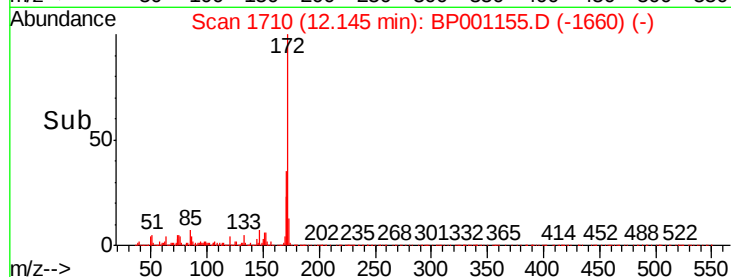
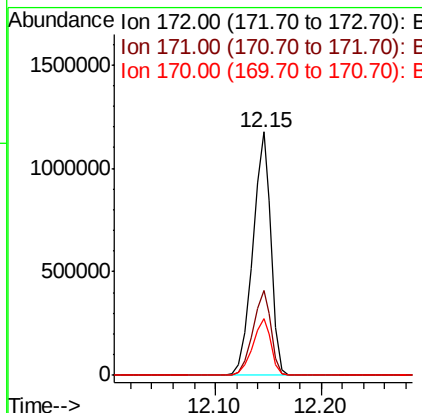
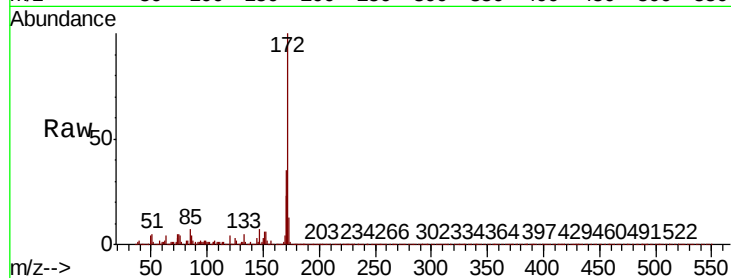




#45
2-Fluorobiphenyl
Concen: 83.748 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001155.D
Acq: 03 Dec 2019 07:28

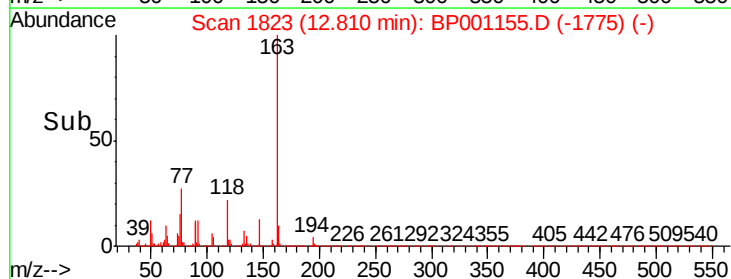
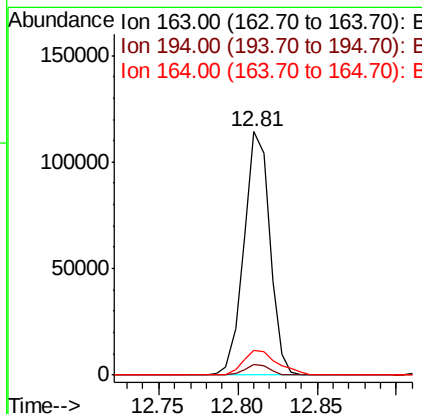
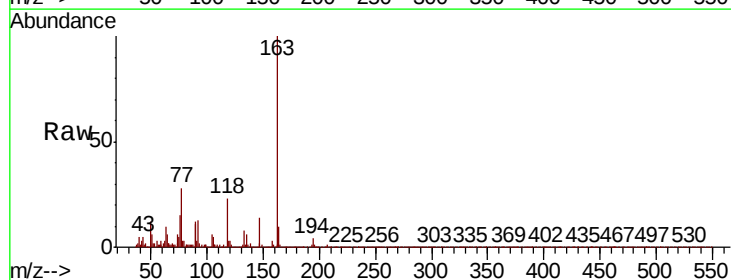
Instrument :
BNA_P
ClientSampleId :
HP-627

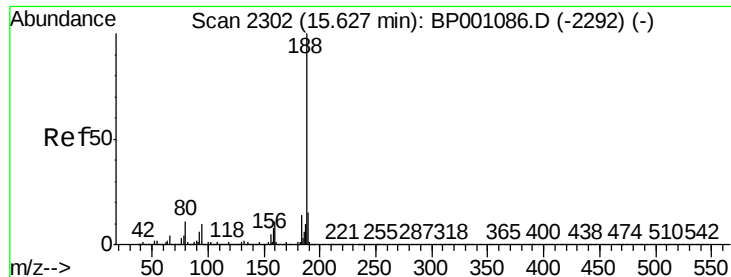
Tot Ion:172 Resp: 1409609
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.5 19.0 28.4



#50
Dimethylphthalate
Concen: 7.012 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001155.D
Acq: 03 Dec 2019 07:28

Tgt Ion:163 Resp: 129181
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 10.4 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.63 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BP001155.D

Acq: 03 Dec 2019 07:28

Instrument :

BNA_P

ClientSampleId :

HP-627

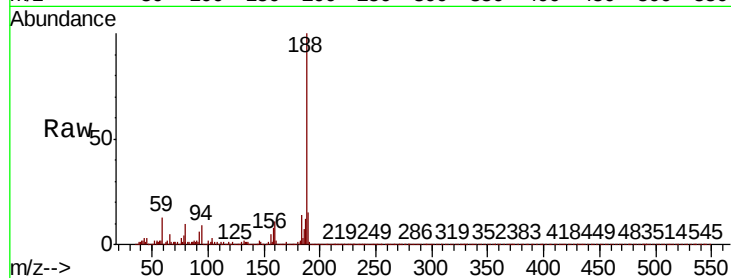
Tot Ion:188 Resp: 468448

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

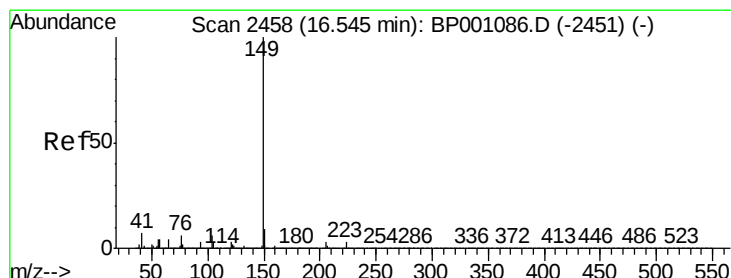
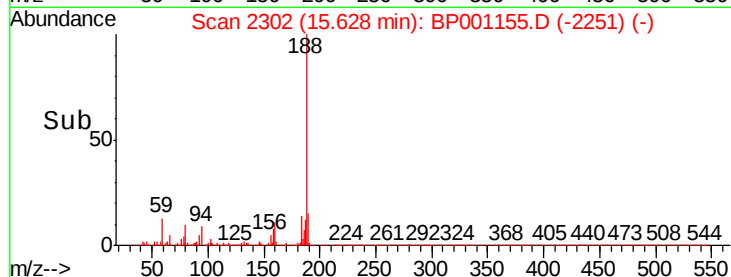
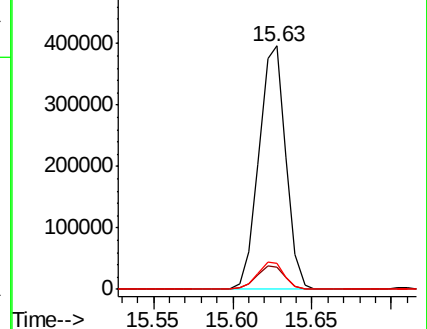
80 10.4 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#74

Di-n-butylphthalate

Concen: 3.815 ng

RT: 16.54 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BP001155.D

Acq: 03 Dec 2019 07:28

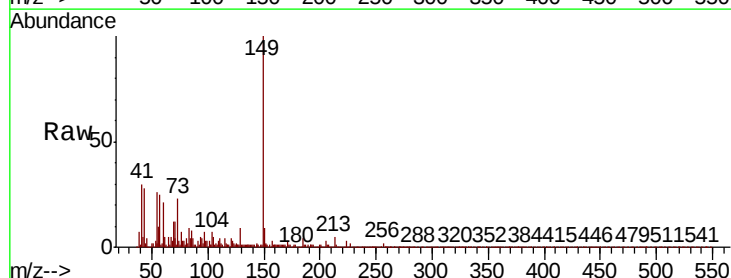
Tgt Ion:149 Resp: 113296

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

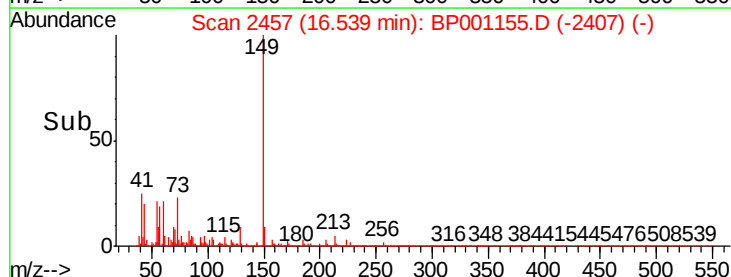
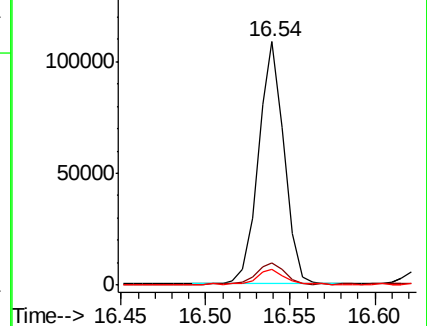
104 6.6 4.6 6.8

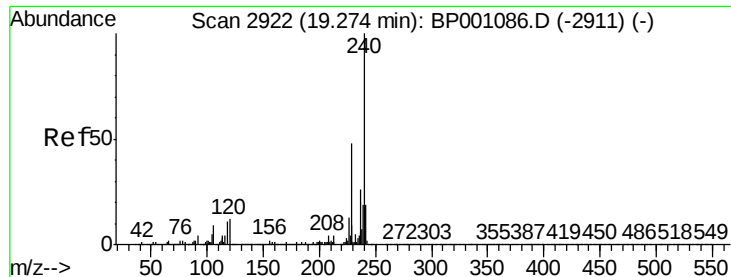


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

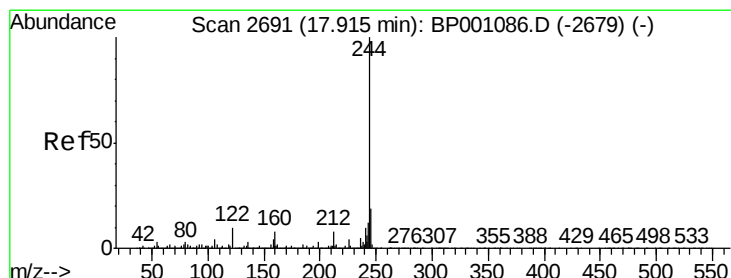
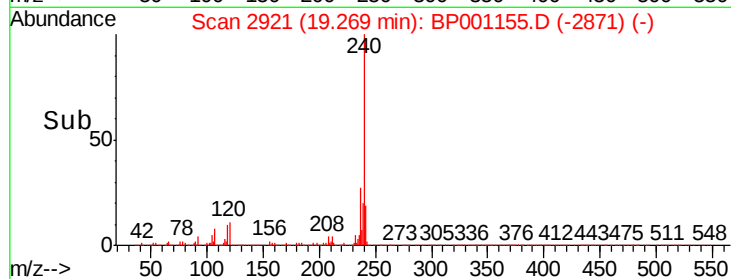
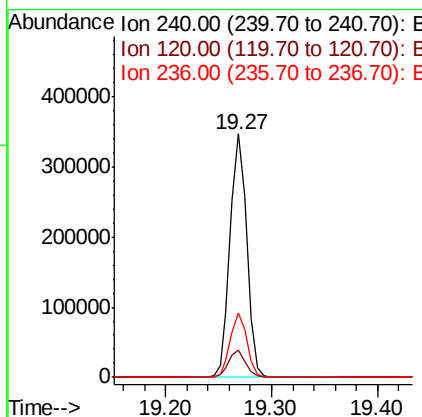
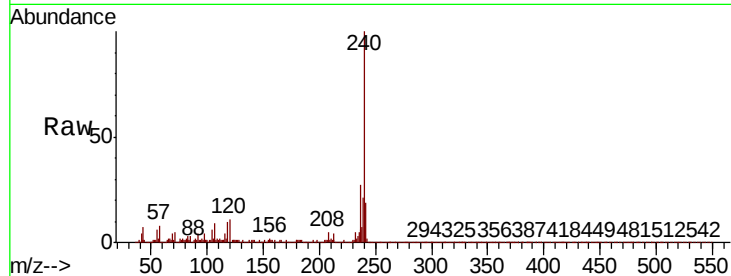




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BP001155.D
Acq: 03 Dec 2019 07:28

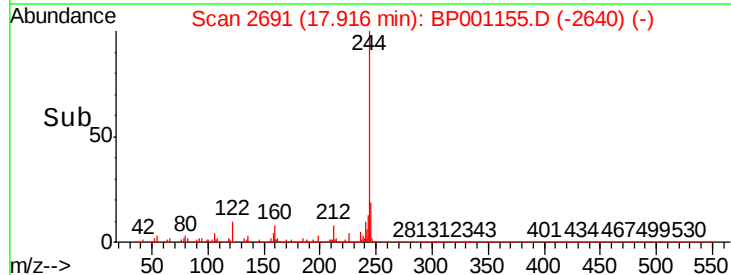
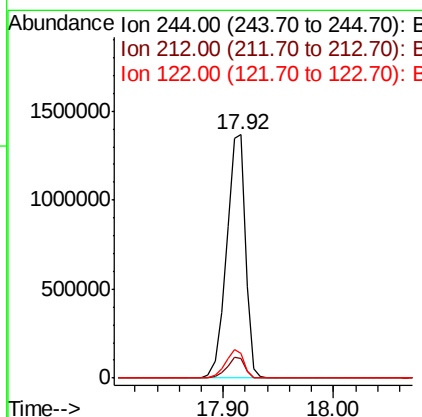
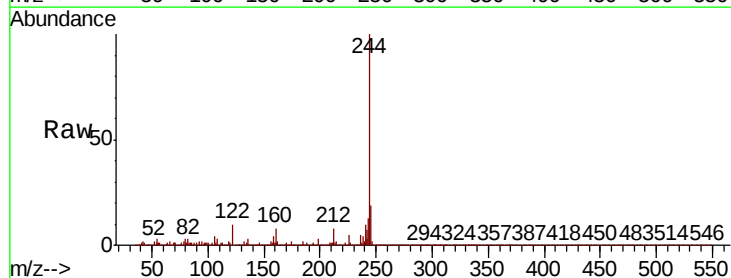
Instrument :
BNA_P
ClientSampleId :
HP-627

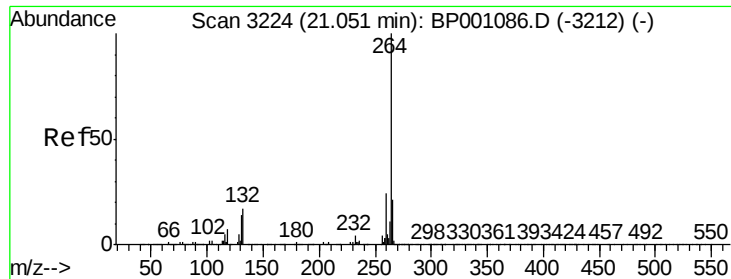
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.6	20.4	30.6



#79
Terphenyl-d14
Concen: 80.019 ng
RT: 17.92 min Scan# 2691
Delta R.T. 0.00 min
Lab File: BP001155.D
Acq: 03 Dec 2019 07:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	10.1	8.2	12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BP001155.D
Acq: 03 Dec 2019 07:28

Instrument :
BNA_P
ClientSampleId :
HP-627

Tot Ion:	264	Resp:	408482
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.8	28.2
265	21.4	16.9	25.3

