

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001128.D
 Acq On : 02 Dec 2019 16:14
 Operator : JU
 Sample : K6013-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 600436752

Quant Time: Dec 02 16:44:32 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

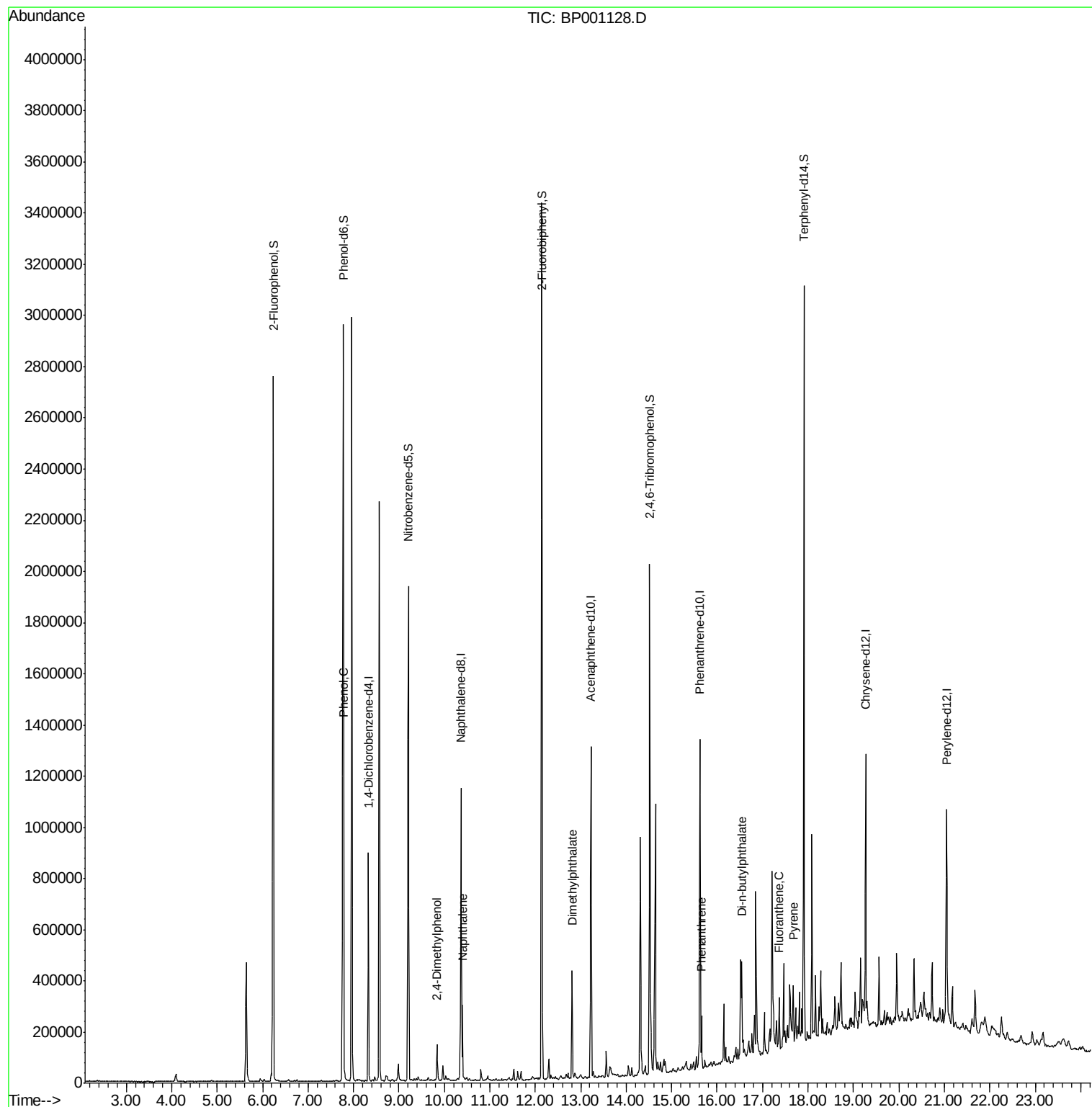
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	159064	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	626645	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	340621	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	597165	20.00	ng	0.00
76) Chrysene-d12	19.27	240	389642	20.00	ng	0.00
87) Perylene-d12	21.05	264	430576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	901622	94.04	ng	0.00
7) Phenol-d6	7.78	99	1276459	99.94	ng	0.00
23) Nitrobenzene-d5	9.20	82	832660	57.65	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	273082	83.64	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1354996	58.22	ng	0.00
79) Terphenyl-d14	17.91	244	1186727	56.35	ng	0.00
Target Compounds						
10) Phenol	7.79	94	30015	2.066	ng	91
27) 2,4-Dimethylphenol	9.84	122	29104	3.493	ng	99
31) Naphthalene	10.39	128	145419	4.544	ng	99
50) Dimethylphthalate	12.81	163	196975	7.732	ng	99
71) Phenanthrene	15.66	178	85909	2.736	ng	99
74) Di-n-butylphthalate	16.54	149	168750	4.457	ng	99
75) Fluoranthene	17.37	202	91044	2.739	ng	99
78) Pyrene	17.67	202	94122	3.067	ng	99

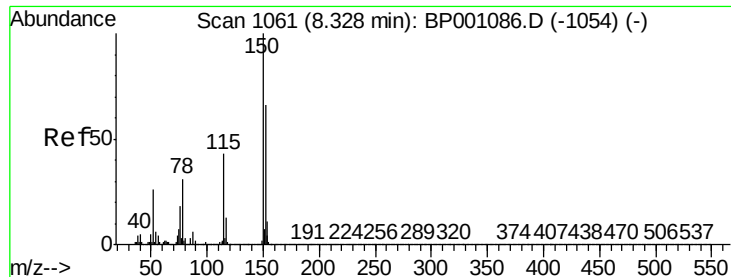
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 17:38:46 2019
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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: BP001128.D

Acq: 02 Dec 2019 16:14

Instrument :

BNA_P

ClientSampleId :

600436752

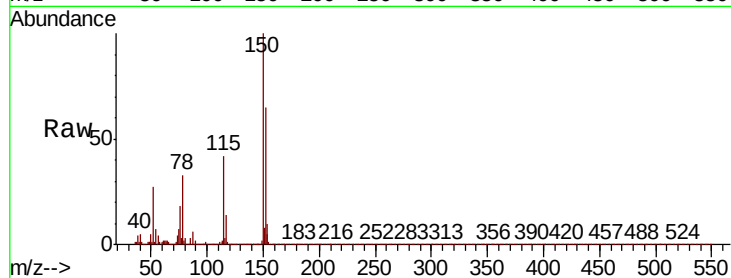
Tot Ion:152 Resp: 159064

Ion Ratio Lower Upper

152 100

150 153.0 120.6 181.0

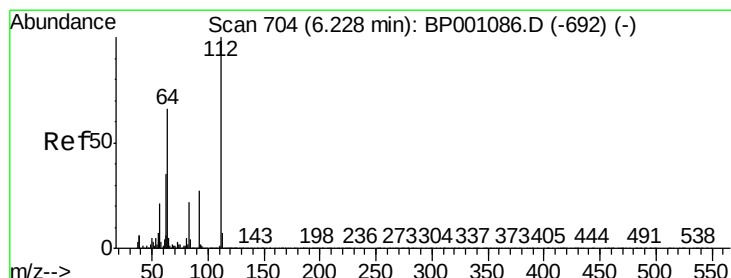
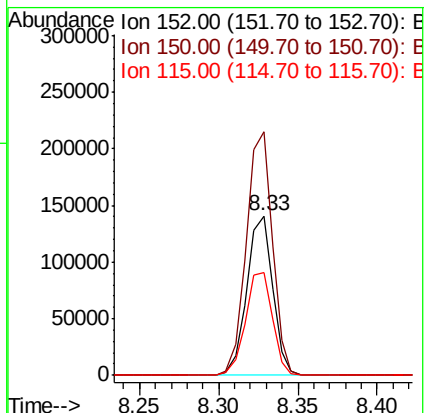
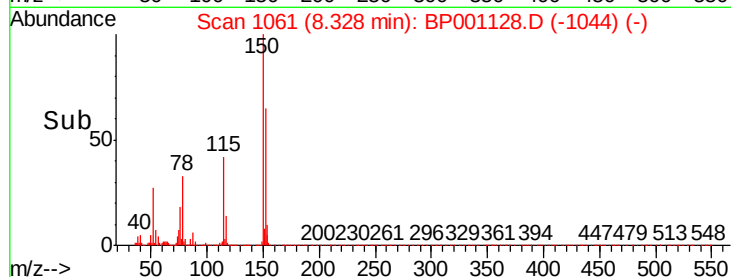
115 64.3 51.6 77.4



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: 94.042 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BP001128.D

Acq: 02 Dec 2019 16:14

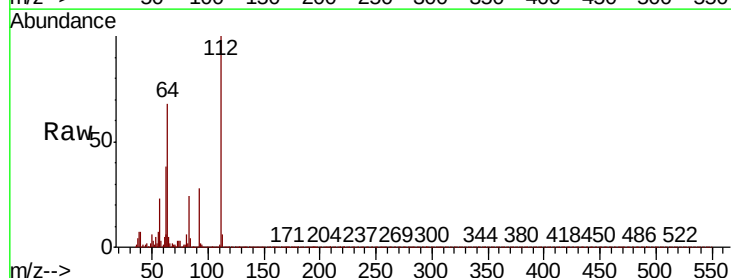
Tgt Ion:112 Resp: 901622

Ion Ratio Lower Upper

112 100

64 68.0 52.8 79.2

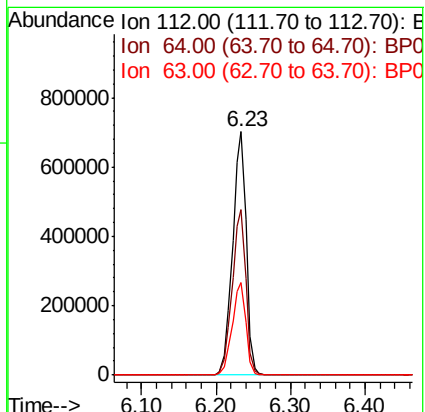
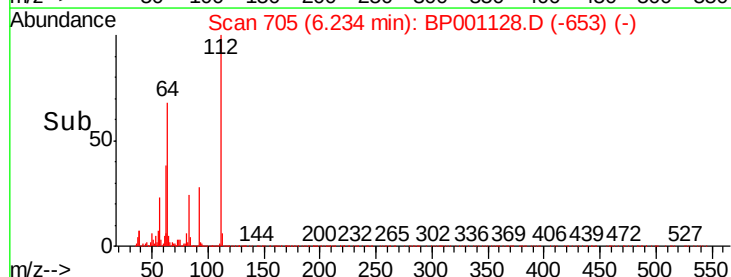
63 38.2 28.2 42.2

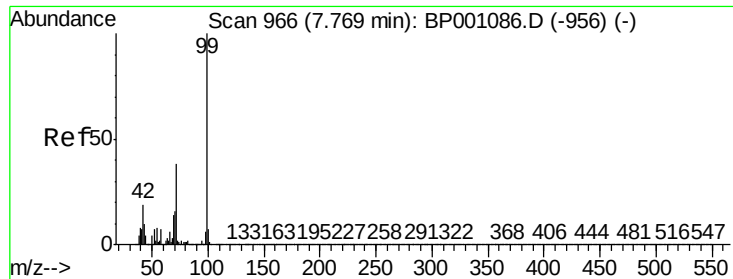


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 99.935 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001128.D

Acq: 02 Dec 2019 16:14

Instrument :

BNA_P

ClientSampleId :

600436752

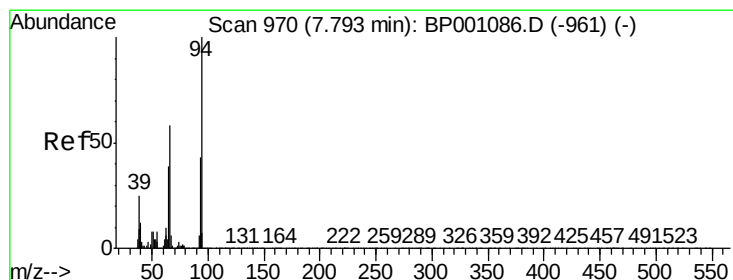
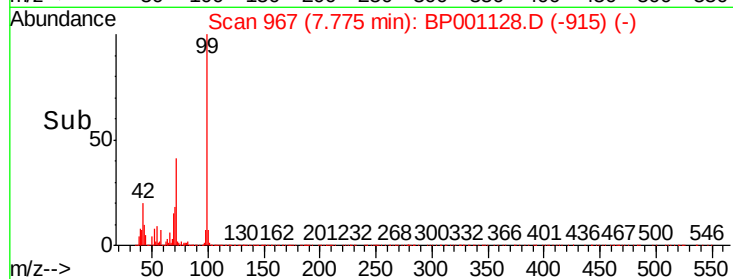
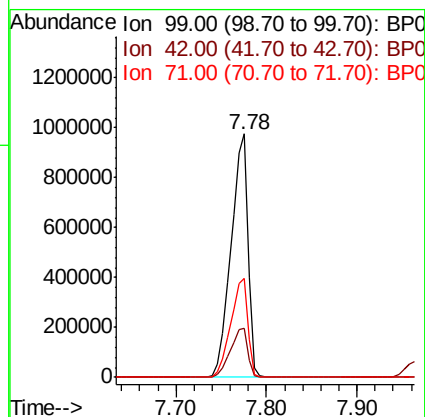
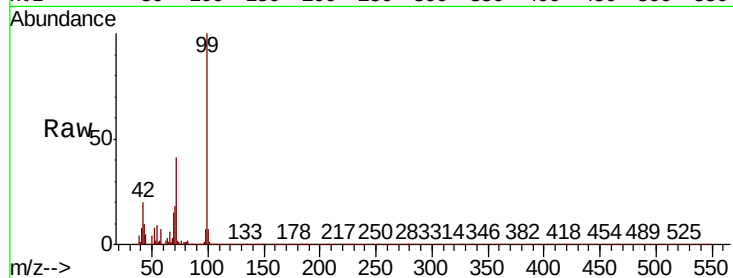
Tot Ion: 99 Resp: 1276459

Ion Ratio Lower Upper

99 100

42 20.4 15.4 23.0

71 40.9 30.8 46.2



#10

Phenol

Concen: 2.066 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP001128.D

Acq: 02 Dec 2019 16:14

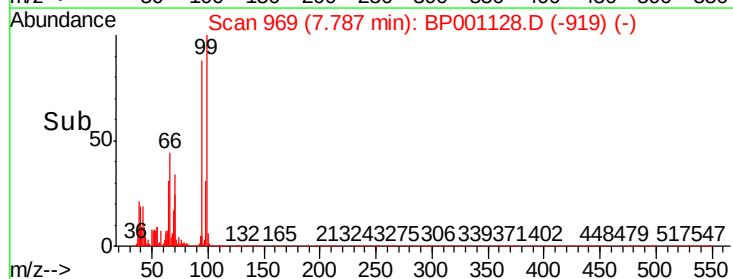
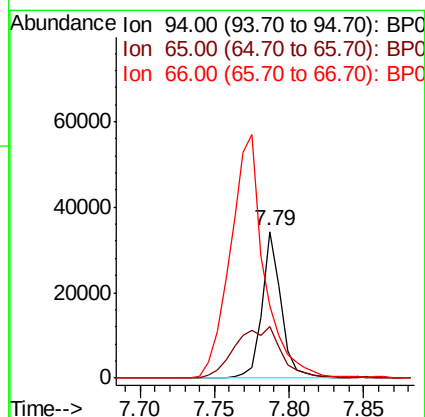
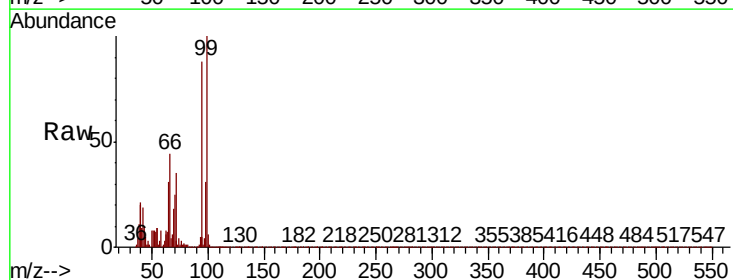
Tgt Ion: 94 Resp: 30015

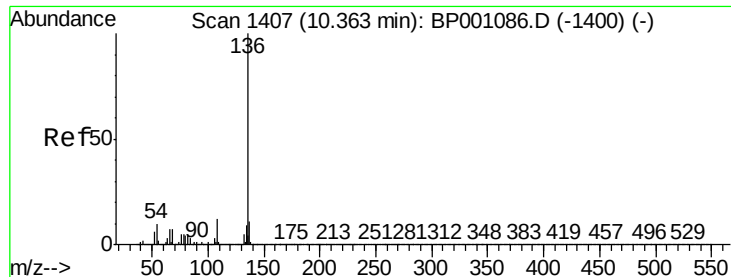
Ion Ratio Lower Upper

94 100

65 35.0 18.6 58.6

66 49.5 37.6 77.6

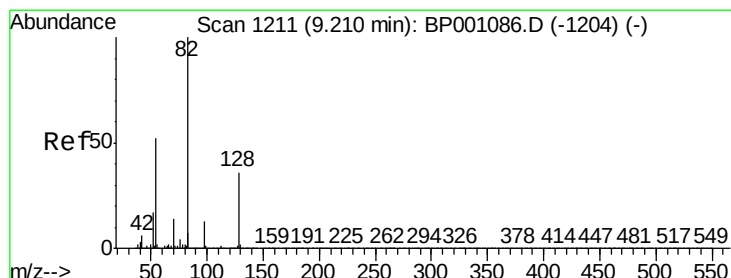
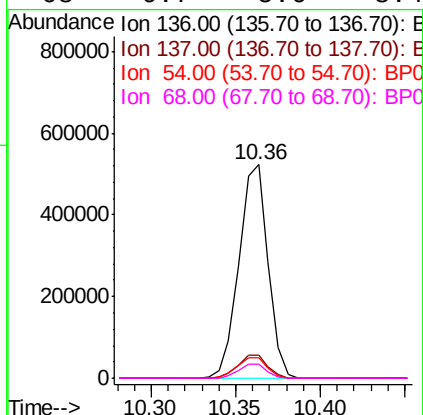
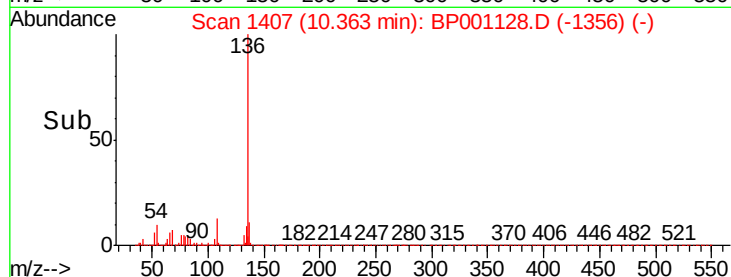
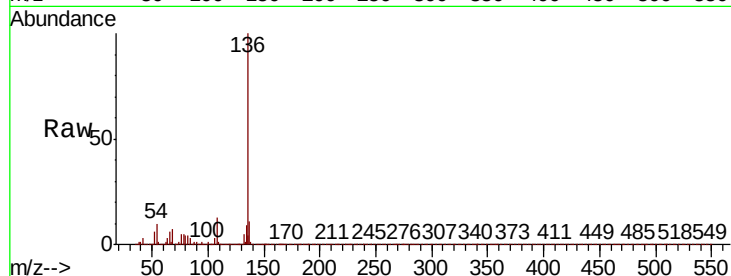




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

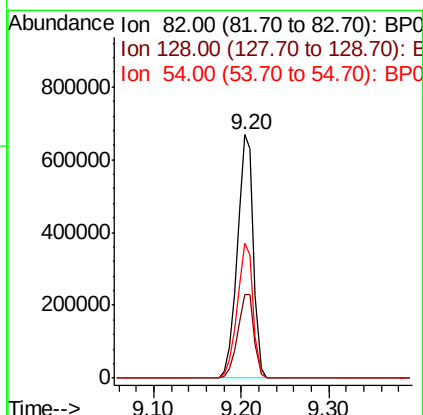
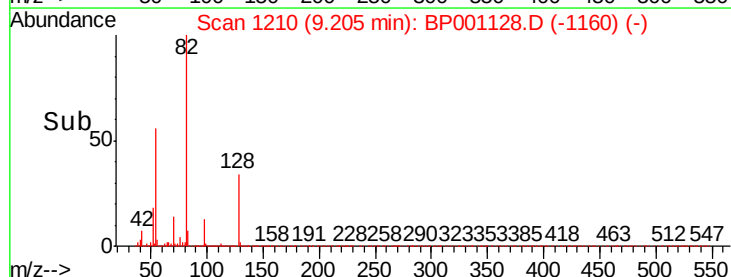
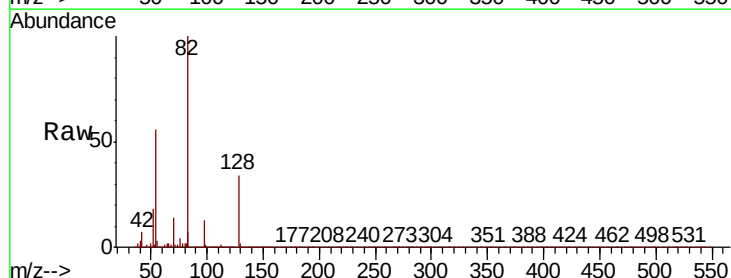
Instrument :
BNA_P
ClientSampleId :
600436752

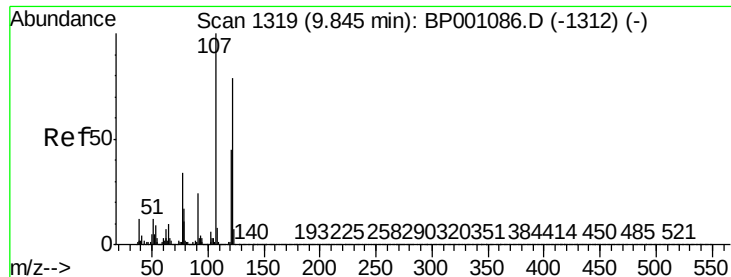
Tot Ion:136	Resp:	626645	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.8	13.2	
54 9.6	7.9	11.9	
68 6.7	5.6	8.4	



#23
Nitrobenzene-d5
Concen: 57.649 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Tgt Ion: 82	Resp: 832660
Ion Ratio	Lower Upper
82 100	
128 34.4	28.9 43.3
54 55.5	41.9 62.9

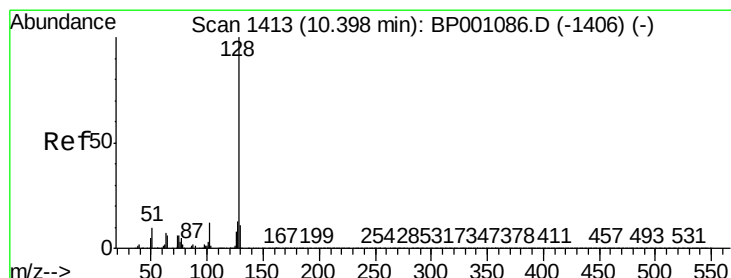
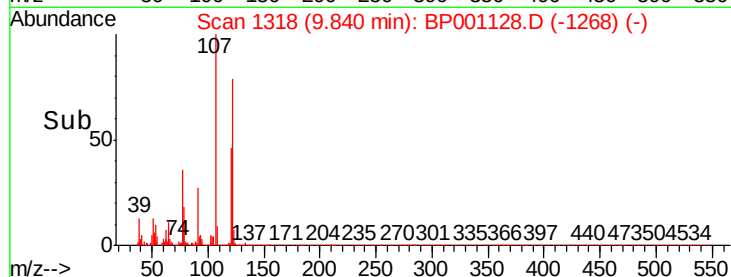
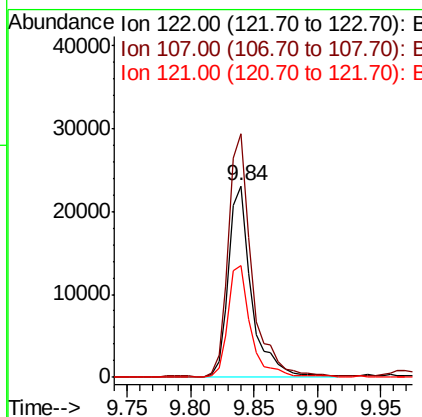
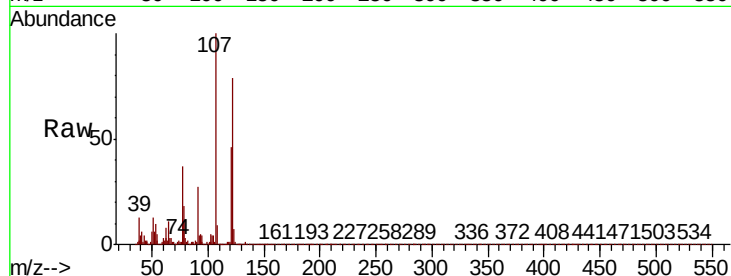




#27
2,4-Dimethylphenol
Concen: 3.493 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

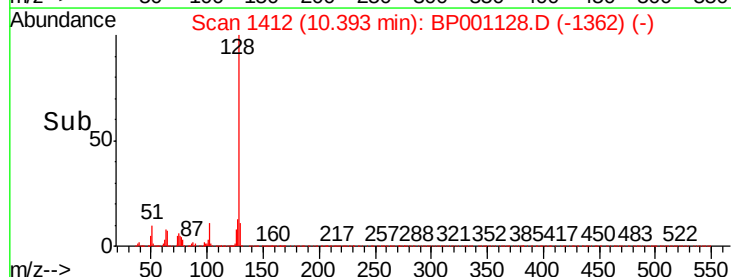
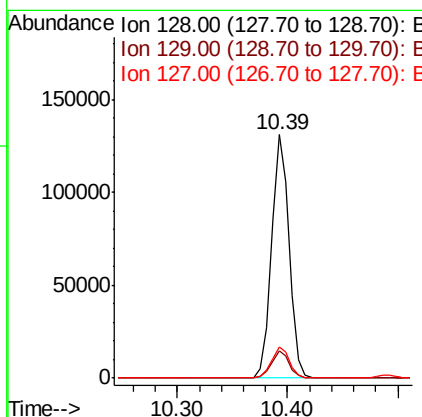
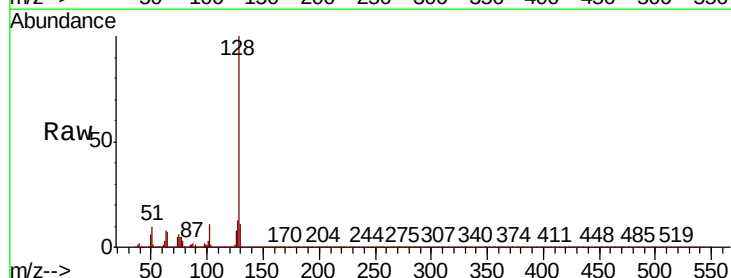
Instrument :
BNA_P
ClientSampleId :
600436752

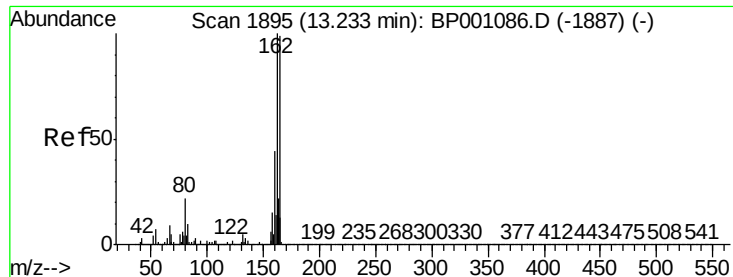
Tot Ion:122 Resp: 29104
Ion Ratio Lower Upper
122 100
107 127.0 101.9 152.9
121 58.3 46.1 69.1



#31
Naphthalene
Concen: 4.544 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Tgt Ion:128 Resp: 145419
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.8 10.6 16.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.23 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BP001128.D

Acq: 02 Dec 2019 16:14

Instrument :

BNA_P

ClientSampleId :

600436752

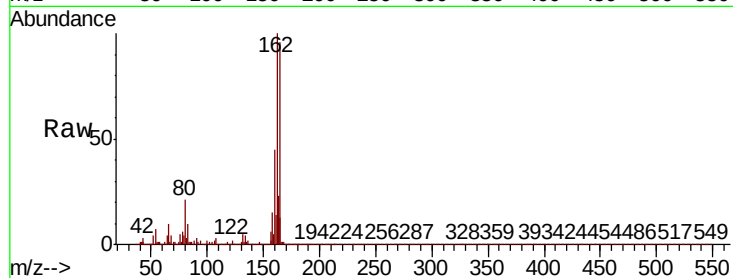
Tot Ion:164 Resp: 340621

Ion Ratio Lower Upper

164 100

162 103.6 80.6 120.8

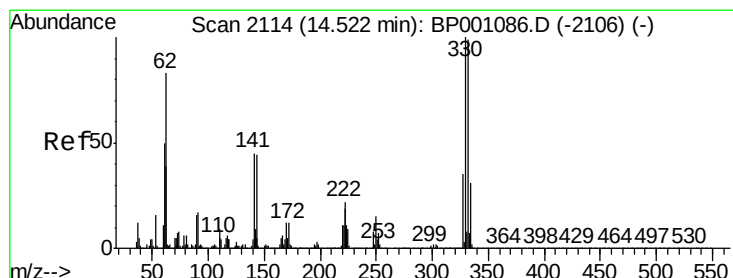
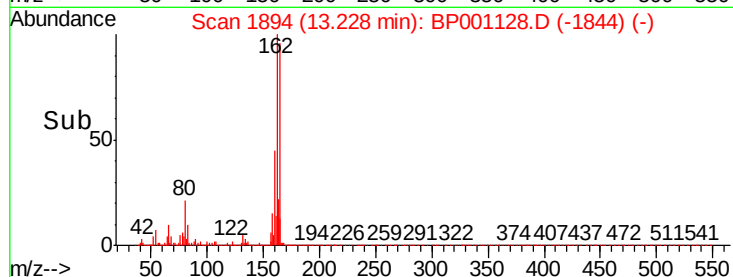
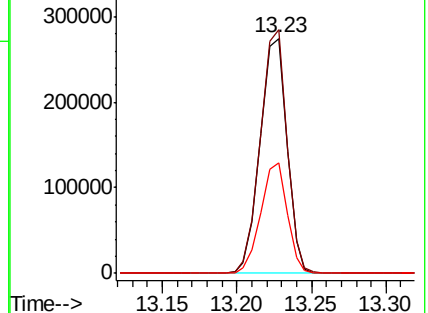
160 47.1 35.4 53.2



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: 83.643 ng

RT: 14.52 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BP001128.D

Acq: 02 Dec 2019 16:14

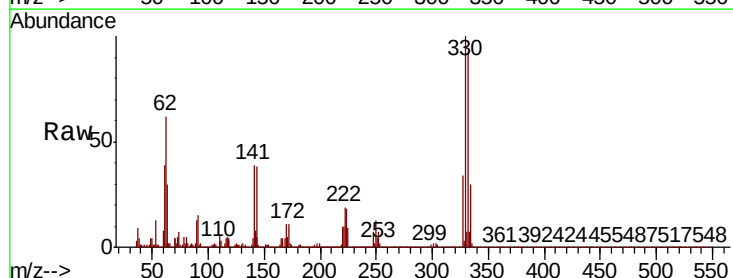
Tgt Ion:330 Resp: 273082

Ion Ratio Lower Upper

330 100

332 94.4 77.6 116.4

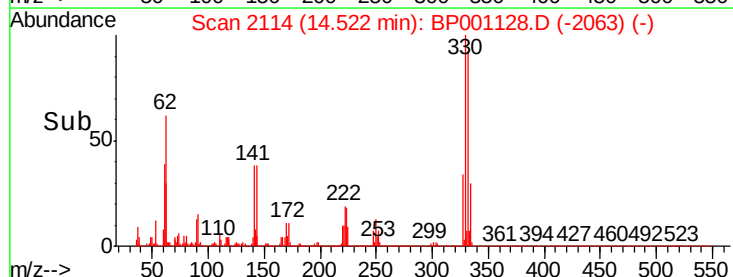
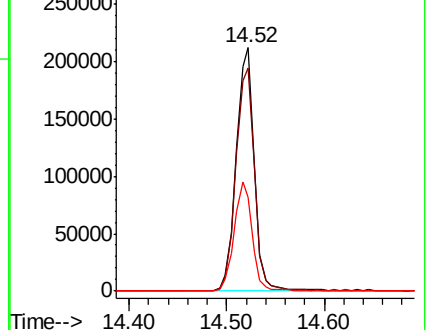
141 44.2 34.2 51.2

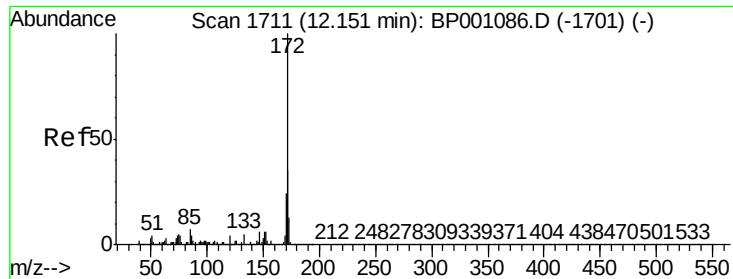


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

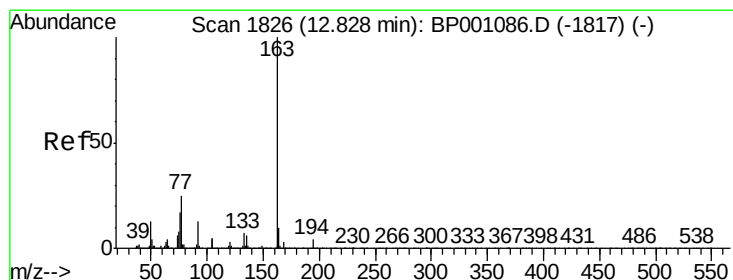
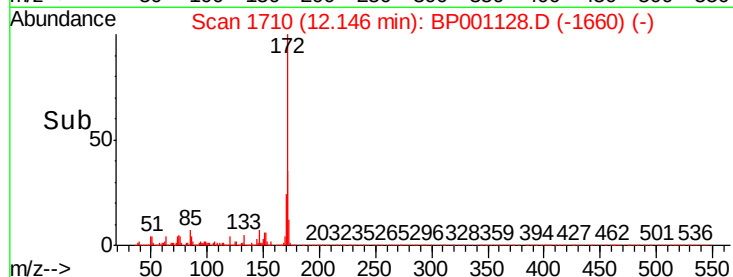
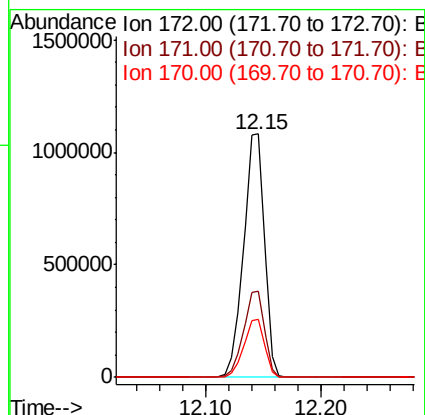
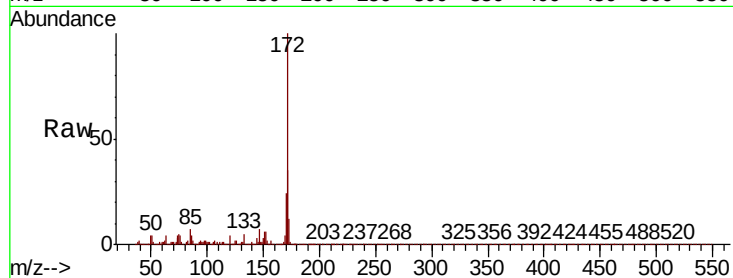




#45
2-Fluorobiphenyl
Concen: 58.221 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

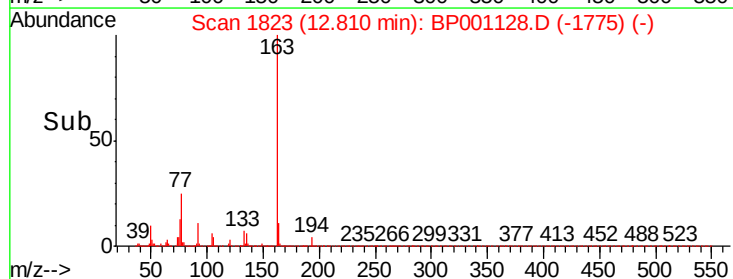
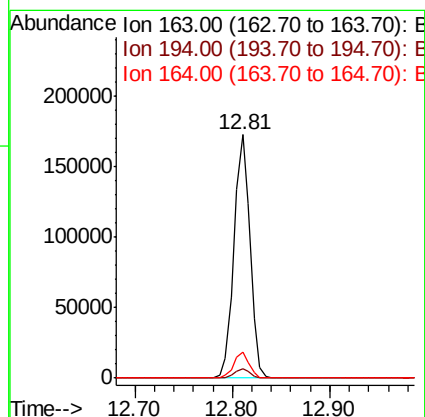
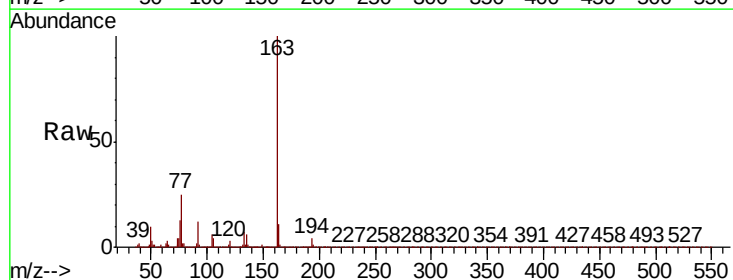
Instrument :
BNA_P
ClientSampled :
600436752

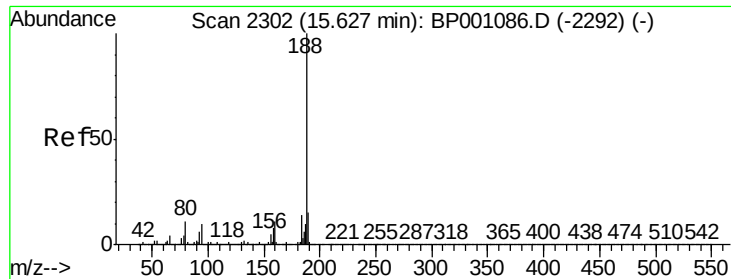
Tot Ion:172 Resp: 1354996
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 24.0 19.0 28.4



#50
Dimethylphthalate
Concen: 7.732 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Tgt Ion:163 Resp: 196975
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.8 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BP001128.D

Acq: 02 Dec 2019 16:14

Instrument :

BNA_P

ClientSampleId :

600436752

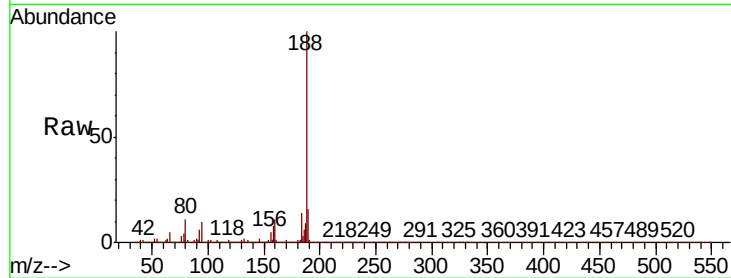
Tot Ion:188 Resp: 597165

Ion Ratio Lower Upper

188 100

94 10.5 7.9 11.9

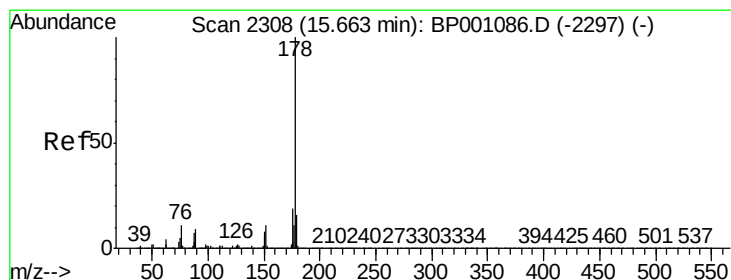
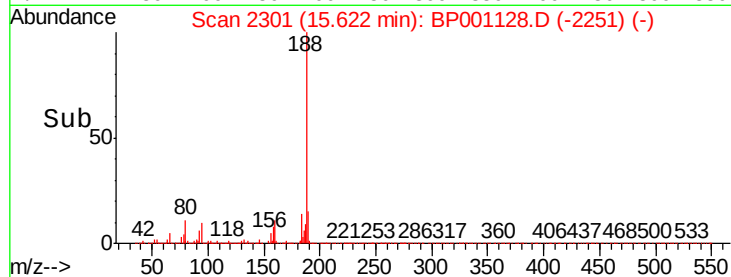
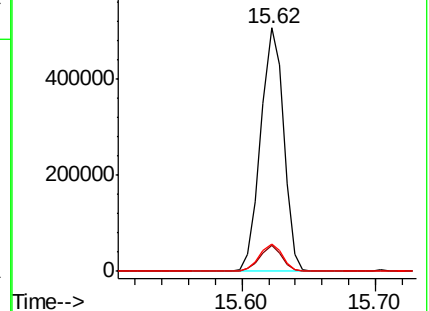
80 11.4 8.8 13.2



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



#71

Phenanthrene

Concen: 2.736 ng

RT: 15.66 min Scan# 2307

Delta R.T. -0.01 min

Lab File: BP001128.D

Acq: 02 Dec 2019 16:14

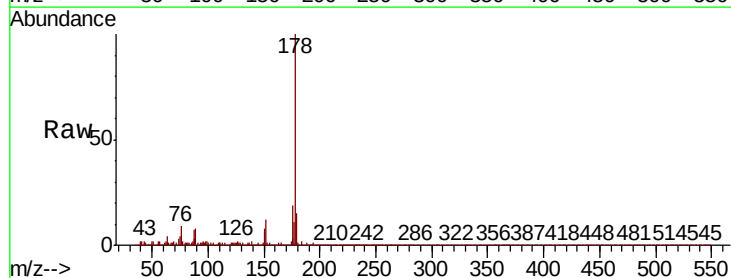
Tgt Ion:178 Resp: 85909

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

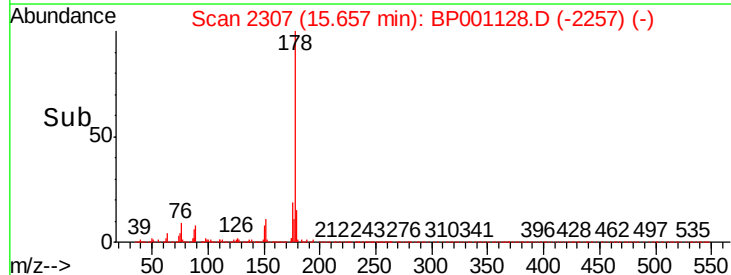
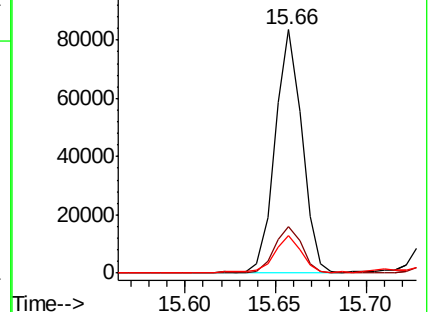
179 15.5 12.5 18.7

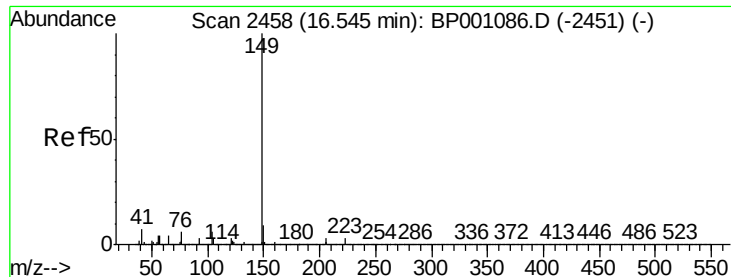


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 4.457 ng

RT: 16.54 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BP001128.D

Acq: 02 Dec 2019 16:14

Instrument :

BNA_P

ClientSampleId :

600436752

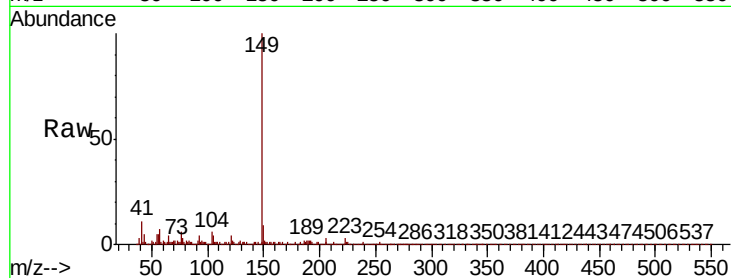
Tot Ion:149 Resp: 168750

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

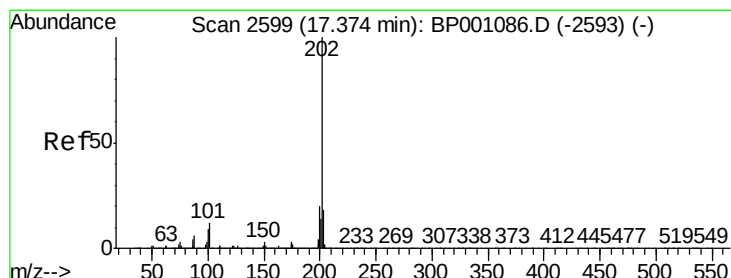
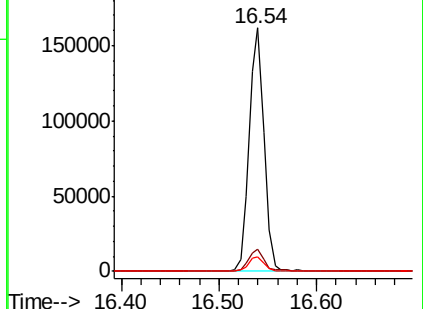
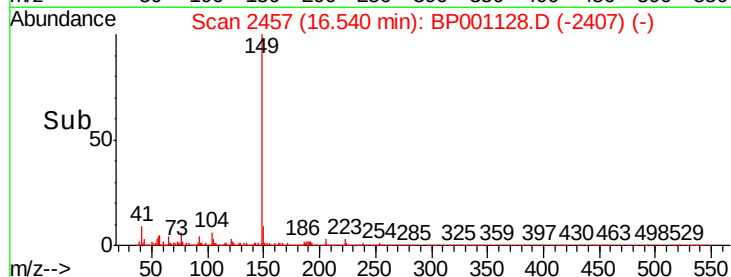
104 6.1 4.6 6.8



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



#75

Fluoranthene

Concen: 2.739 ng

RT: 17.37 min Scan# 2598

Delta R.T. -0.01 min

Lab File: BP001128.D

Acq: 02 Dec 2019 16:14

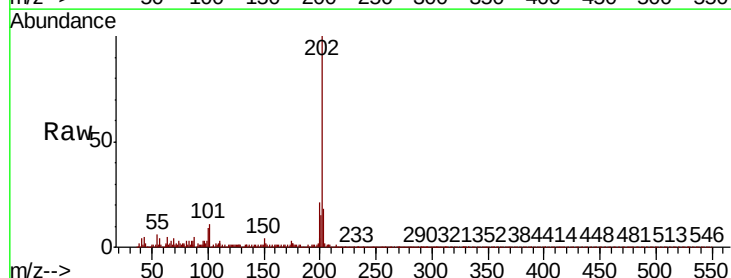
Tgt Ion:202 Resp: 91044

Ion Ratio Lower Upper

202 100

101 11.4 0.0 32.1

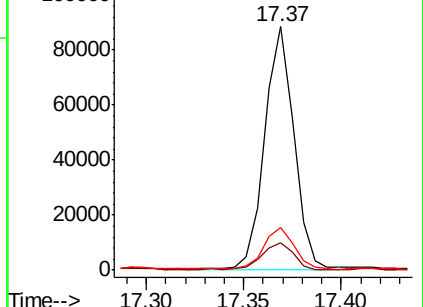
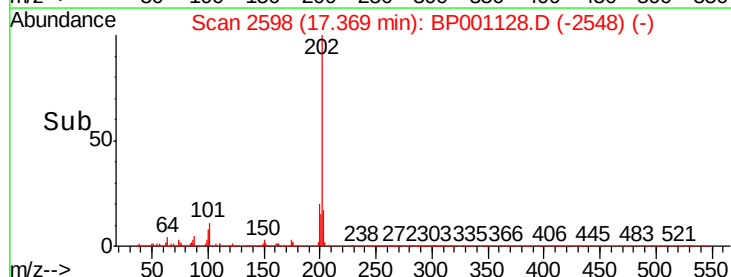
203 17.6 0.0 37.8

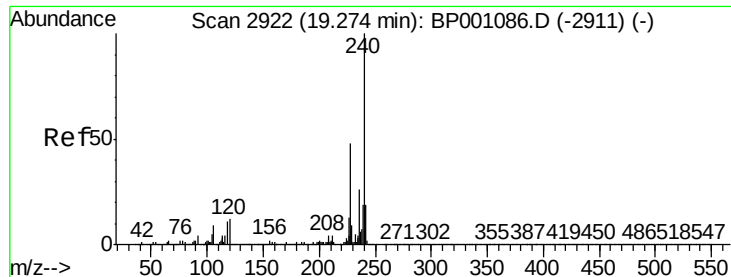


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

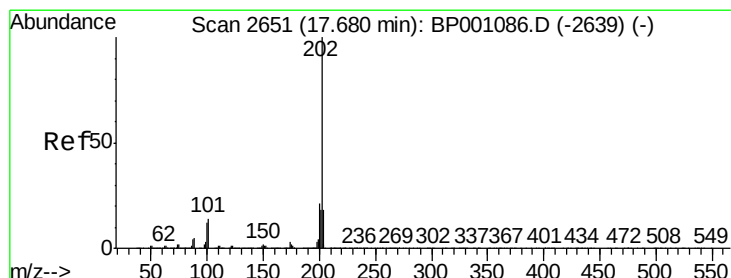
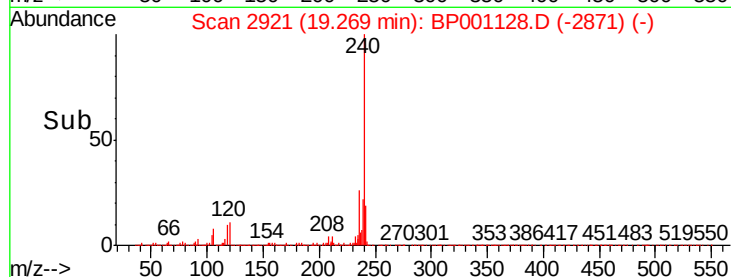
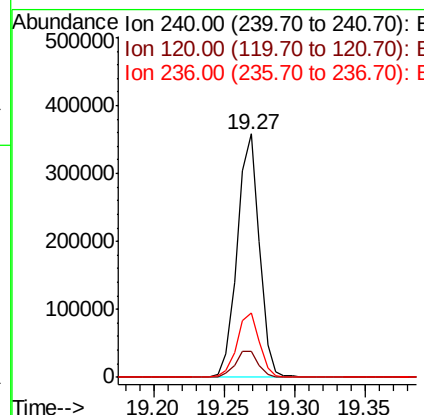
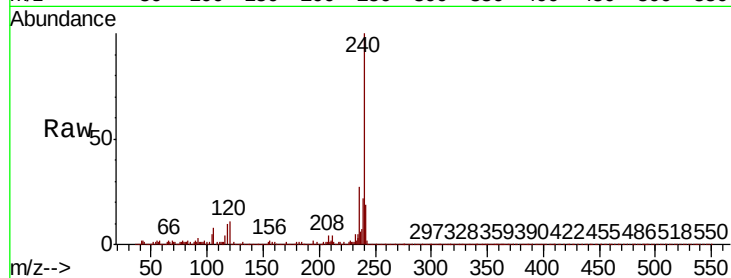




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

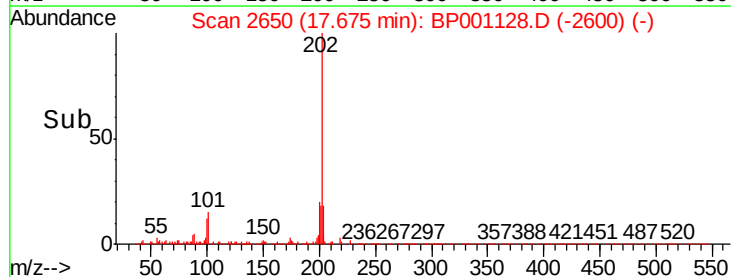
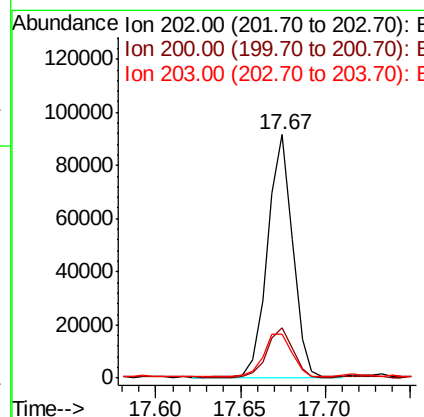
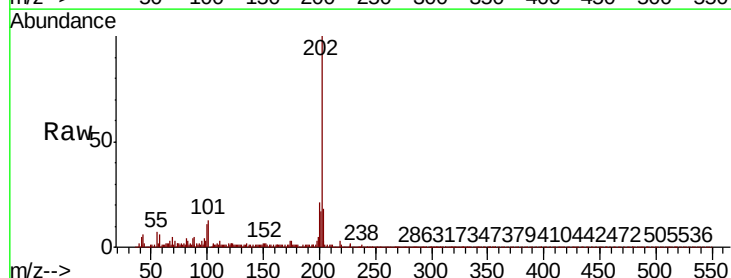
Instrument :
BNA_P
ClientSampleId :
600436752

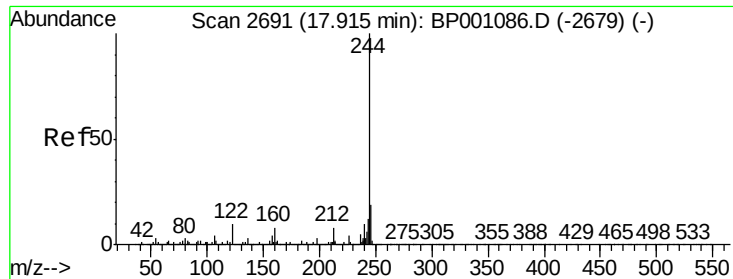
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.6	20.4	30.6



#78
Pyrene
Concen: 3.067 ng
RT: 17.67 min Scan# 2650
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.6
203	18.0	14.1	21.1





#79

Terphenyl-d14

Concen: 56.348 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001128.D

Acq: 02 Dec 2019 16:14

Instrument :

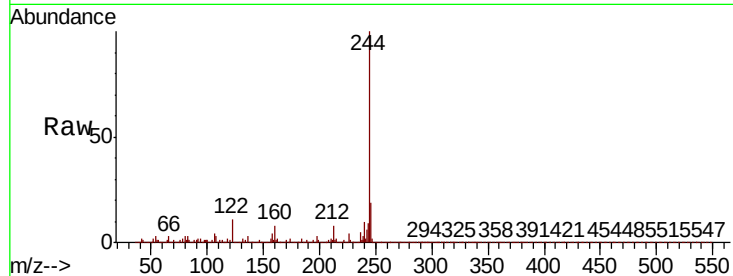
BNA_P

ClientSampleId :

600436752

Tot Ion:244 Resp: 1186727

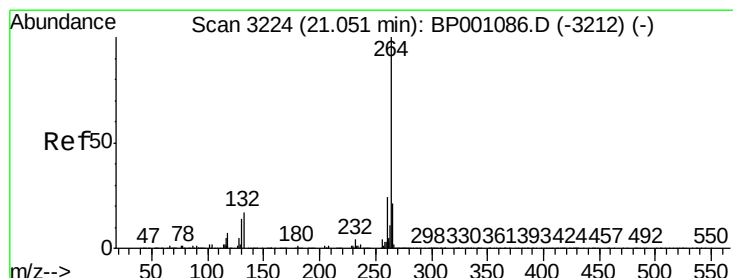
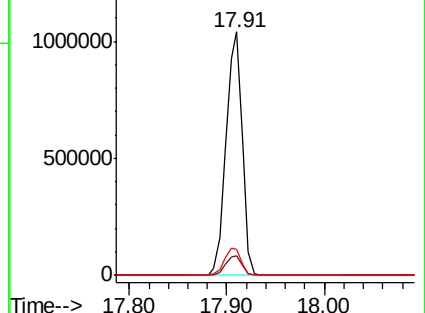
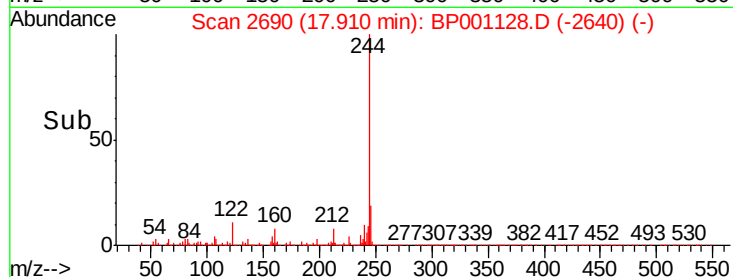
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	10.6	8.2	12.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3224

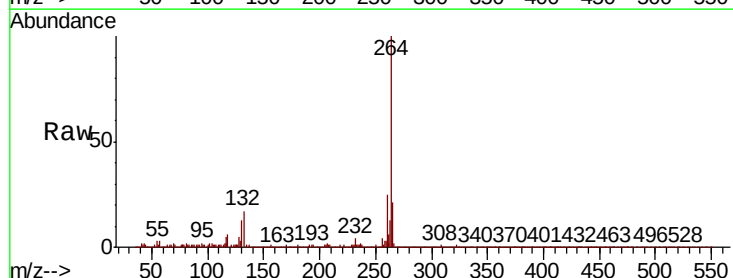
Delta R.T. 0.00 min

Lab File: BP001128.D

Acq: 02 Dec 2019 16:14

Tgt Ion:264 Resp: 430576

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.8	28.2
265	21.5	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

