

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001094.D
 Acq On : 27 Nov 2019 22:07
 Operator : JU
 Sample : PB125092BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 28 03:00:13 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

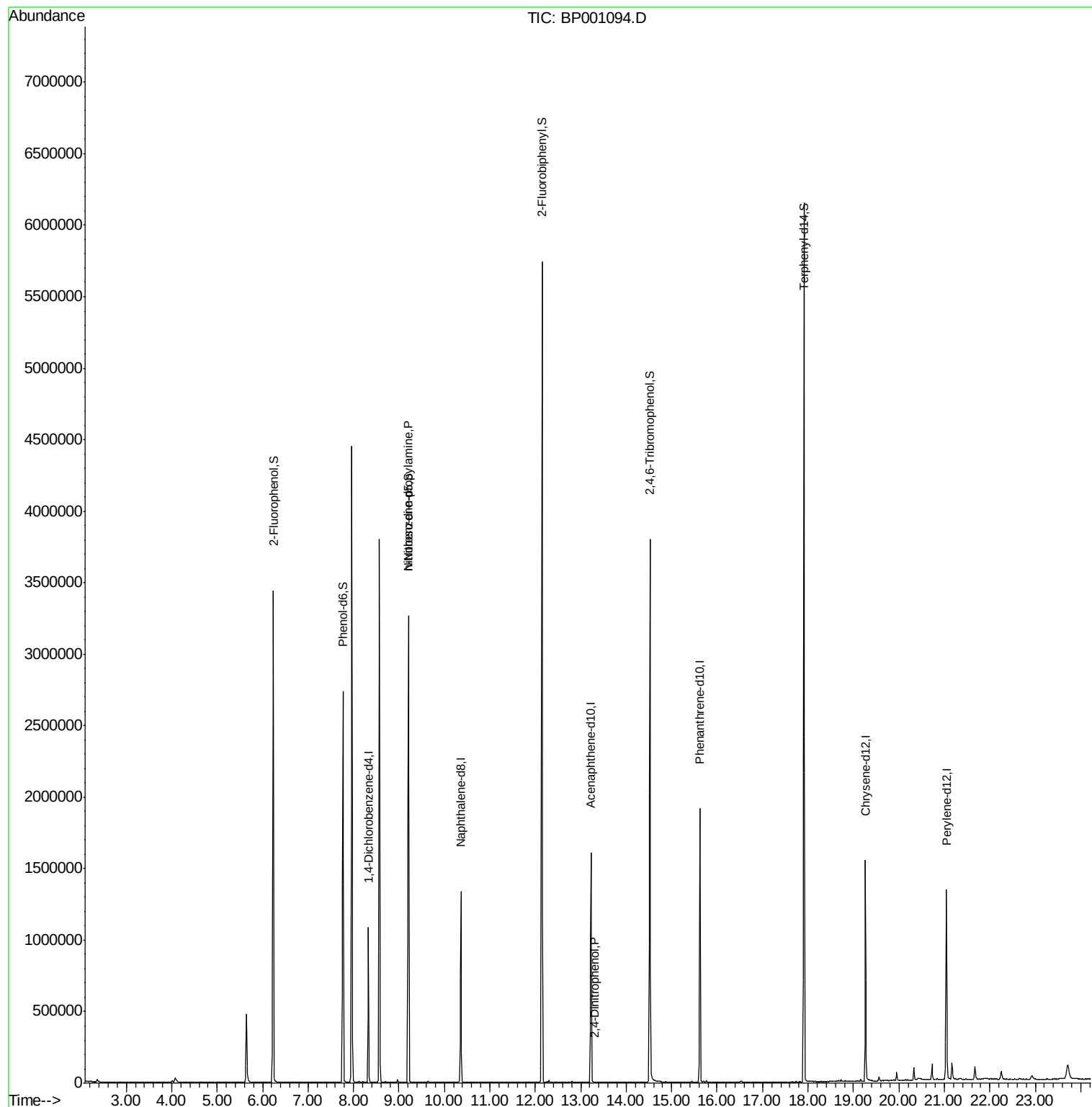
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	191976	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	752531	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	446090	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	849813	20.00	ng	0.00
76) Chrysene-d12	19.26	240	611779	20.00	ng	-0.01
87) Perylene-d12	21.05	264	647856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	1145716	99.01	ng	0.00
7) Phenol-d6	7.77	99	1081205	70.14	ng	0.00
23) Nitrobenzene-d5	9.21	82	1439492	82.99	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	527538	123.38	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	2354679	77.25	ng	0.00
79) Terphenyl-d14	17.92	244	2685290	81.21	ng	0.00
Target Compounds						
9) Benzaldehyde	7.63	77	601	Below Cal		92
19) n-Nitroso-di-n-propylamine	9.21	70	198279	17.825 ng	#	79
54) 2,4-Dinitrophenol	13.31	184	23	7.116 ng		91

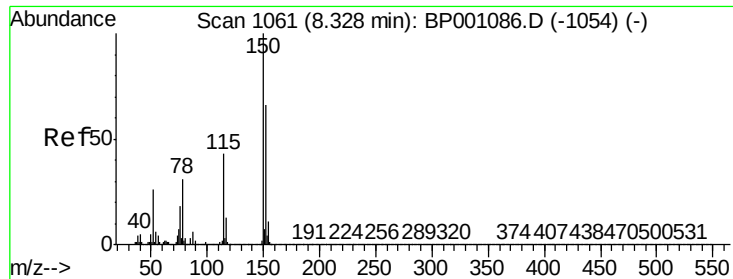
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001094.D

Acq: 27 Nov 2019 22:07

Instrument :

BNA_P

ClientSampleId :

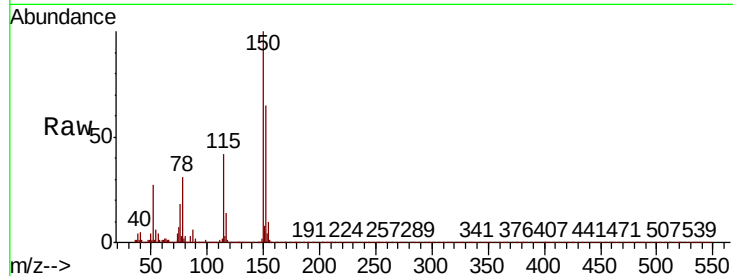
Tot Ion:152 Resp: 191976

Ion Ratio Lower Upper

152 100

150 154.5 120.6 181.0

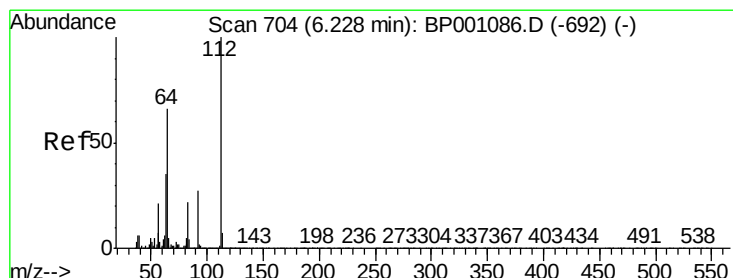
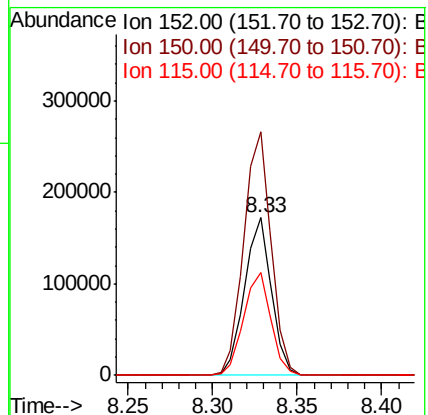
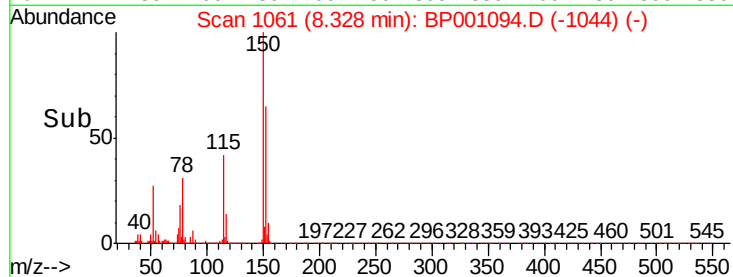
115 65.5 51.6 77.4



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: 99.014 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BP001094.D

Acq: 27 Nov 2019 22:07

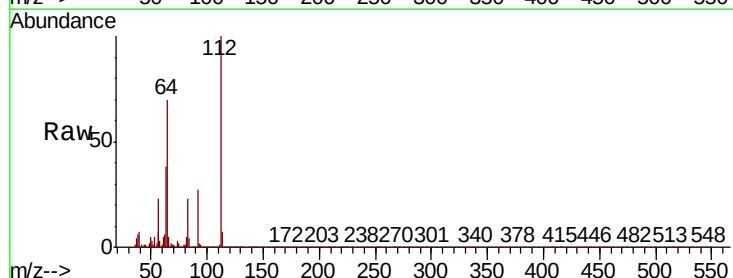
Tgt Ion:112 Resp: 1145716

Ion Ratio Lower Upper

112 100

64 69.6 52.8 79.2

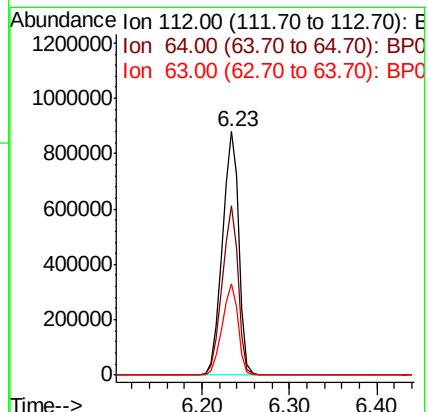
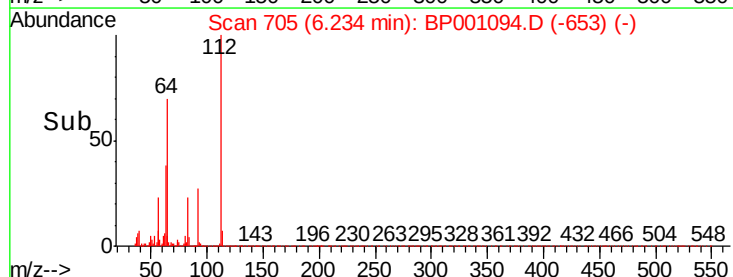
63 37.5 28.2 42.2

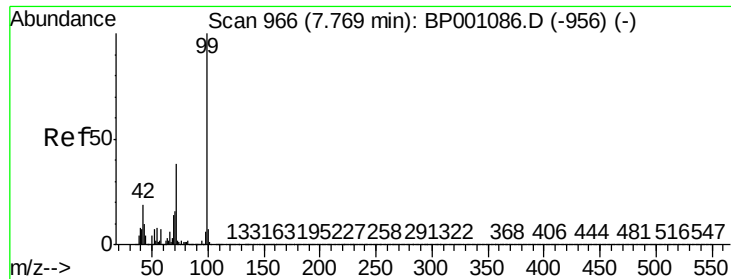


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 70.136 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001094.D

Acq: 27 Nov 2019 22:07

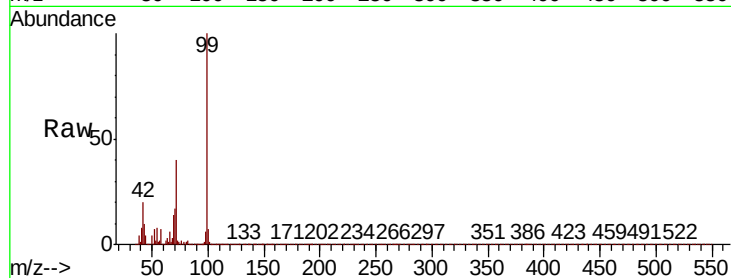
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1081205

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.4	23.0
71	39.7	30.8	46.2

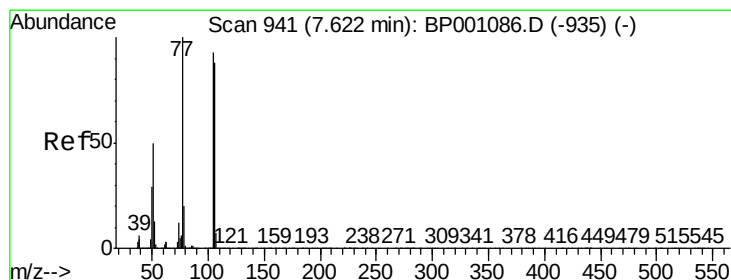
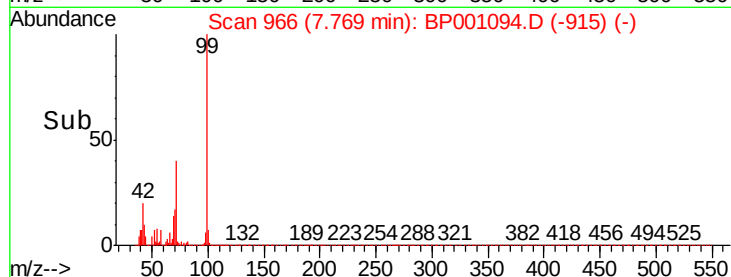
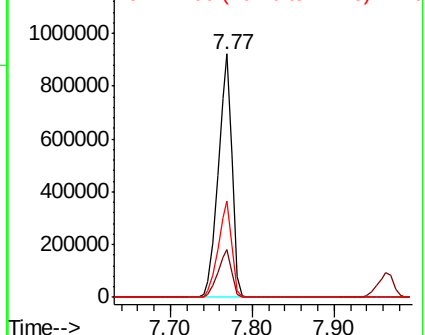


Abundance

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



#9

Benzaldehyde

Concen: Below Cal

RT: 7.63 min Scan# 942

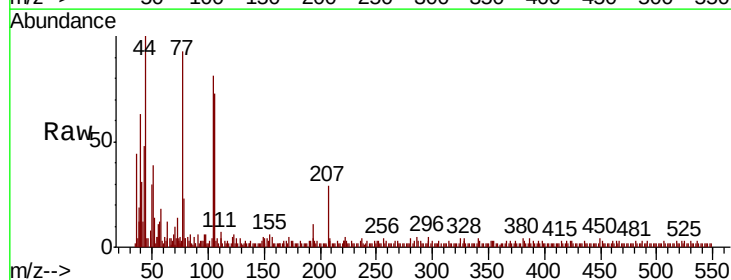
Delta R.T. 0.01 min

Lab File: BP001094.D

Acq: 27 Nov 2019 22:07

Tgt Ion: 77 Resp: 601

Ion	Ratio	Lower	Upper
77	100		
105	86.4	72.5	112.5
106	77.9	67.6	107.6

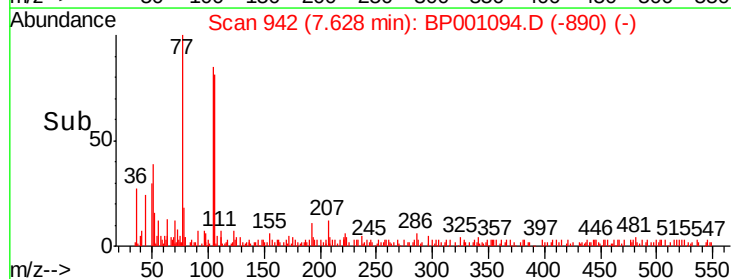
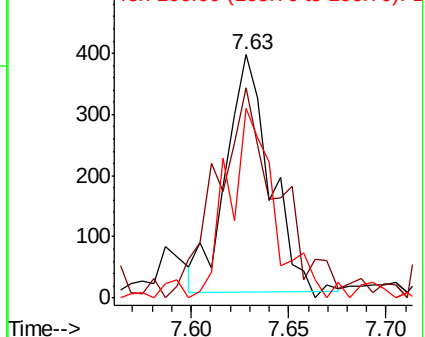


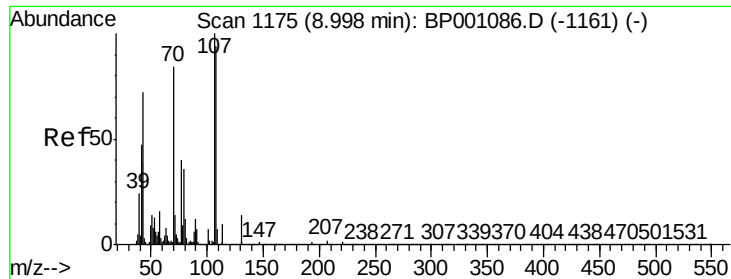
Abundance

Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

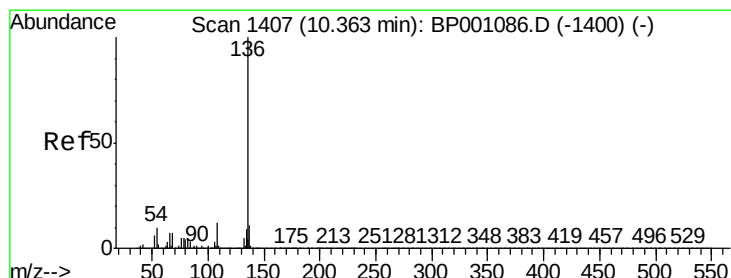
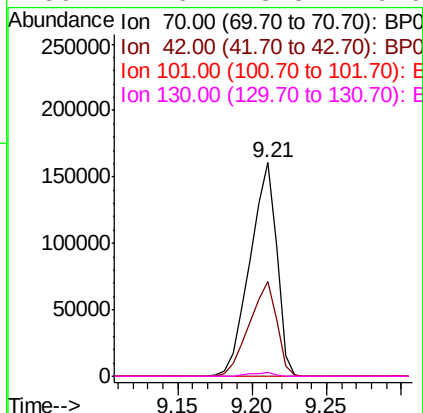
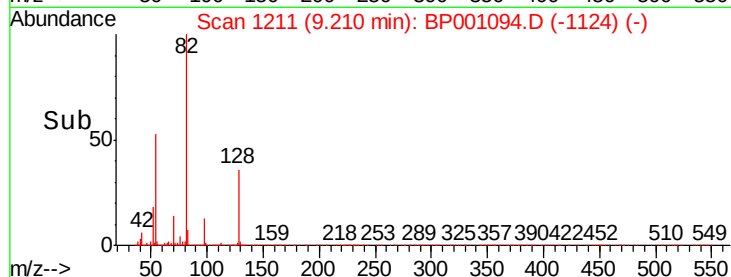
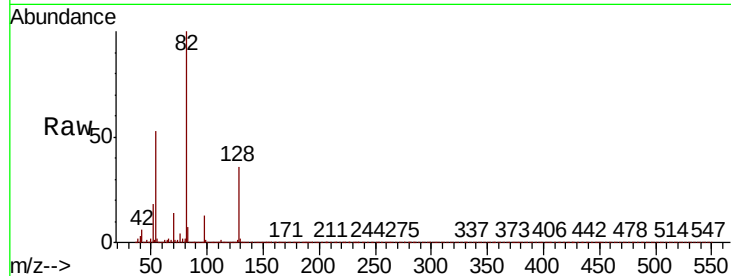




#19
n-Nitroso-di-n-propylamine
Concen: 17.825 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.21 min
Lab File: BP001094.D
Acq: 27 Nov 2019 22:07

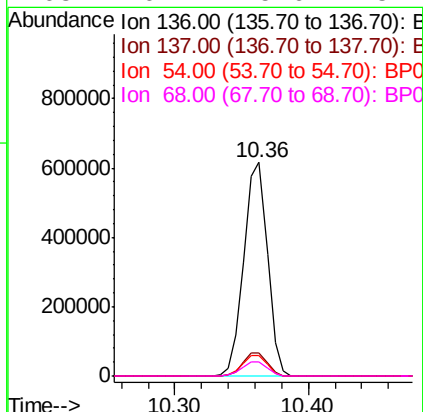
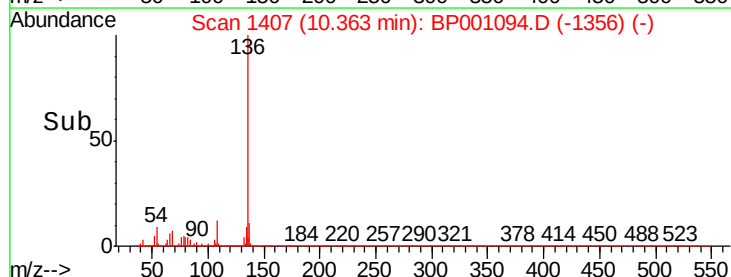
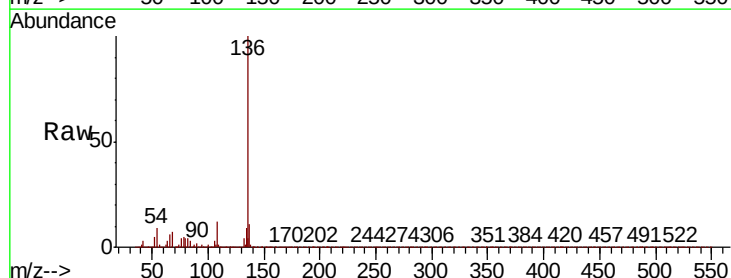
Instrument :
BNA_P
ClientSampled :

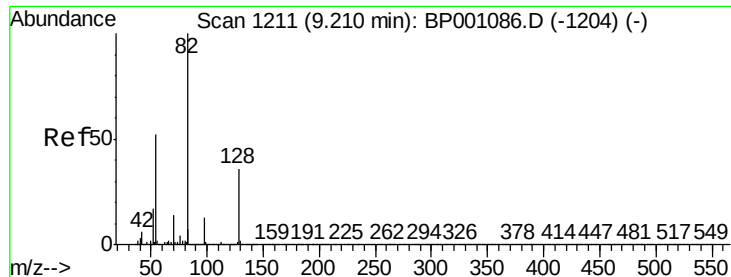
Tot Ion: 70 Resp: 198279
Ion Ratio Lower Upper
70 100
42 44.2 44.6 66.8#
101 0.0 7.1 10.7#
130 1.6 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001094.D
Acq: 27 Nov 2019 22:07

Tgt Ion:136 Resp: 752531
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.5 7.9 11.9
68 6.7 5.6 8.4



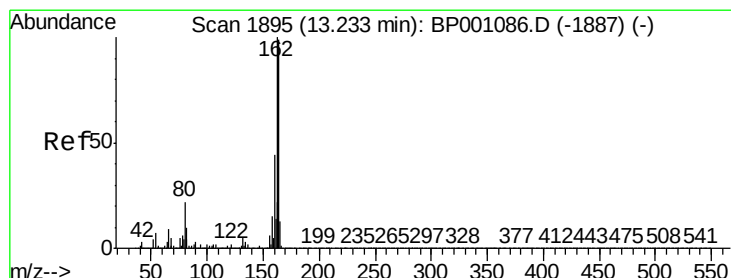
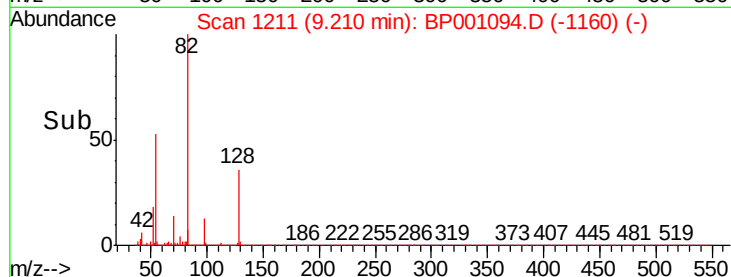
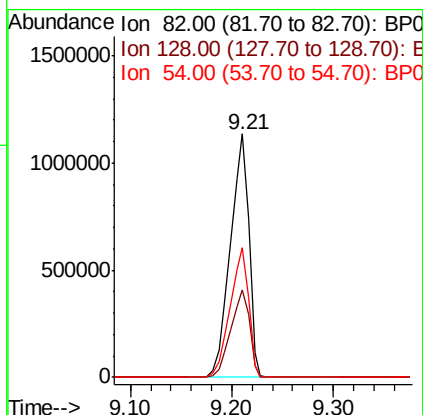
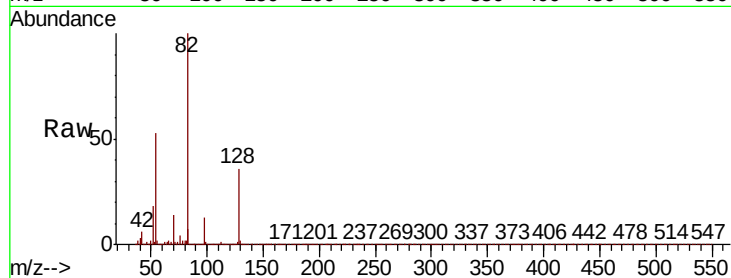


#23
 Nitrobenzene-d5
 Concen: 82.991 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BP001094.D
 Acq: 27 Nov 2019 22:07

Instrument :
 BNA_P
 ClientSampled :

Tot Ion: 82 Resp: 1439492

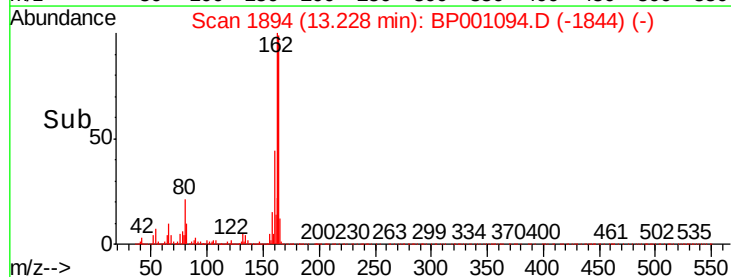
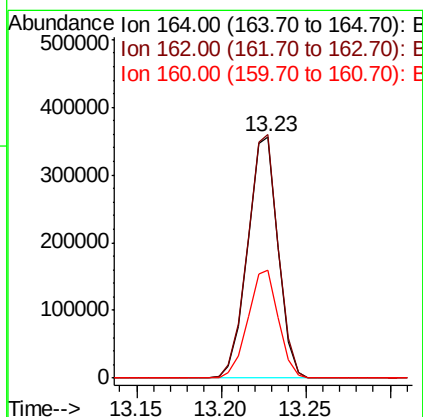
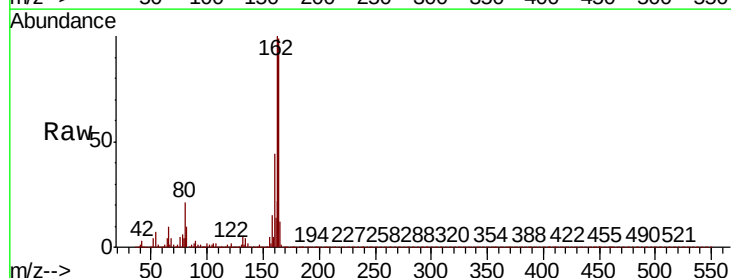
Ion	Ratio	Lower	Upper
82	100		
128	35.9	28.9	43.3
54	53.3	41.9	62.9

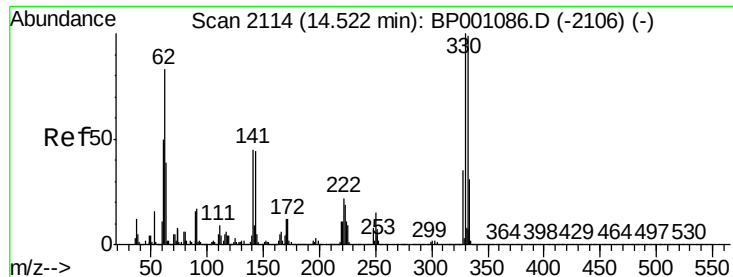


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BP001094.D
 Acq: 27 Nov 2019 22:07

Tgt Ion: 164 Resp: 446090

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	44.8	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 123.378 ng

RT: 14.52 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BP001094.D

Acq: 27 Nov 2019 22:07

Instrument :

BNA_P

ClientSampleId :

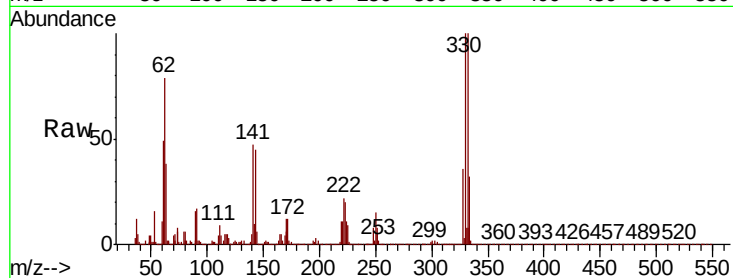
Tot Ion:330 Resp: 527538

Ion Ratio Lower Upper

330 100

332 97.3 77.6 116.4

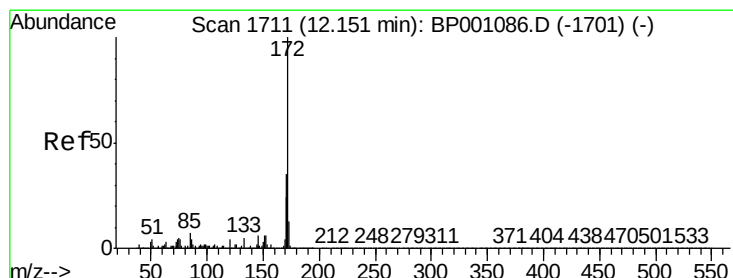
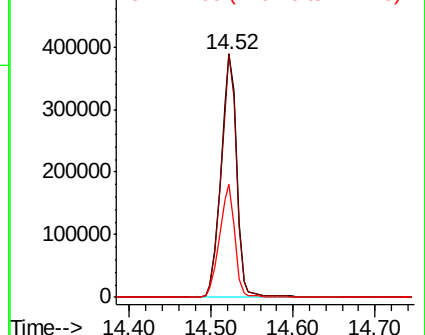
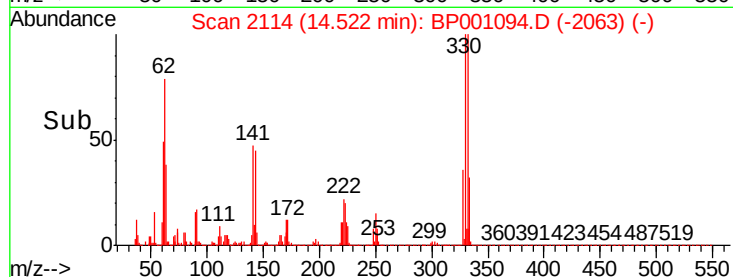
141 44.9 34.2 51.2



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: 77.255 ng

RT: 12.15 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BP001094.D

Acq: 27 Nov 2019 22:07

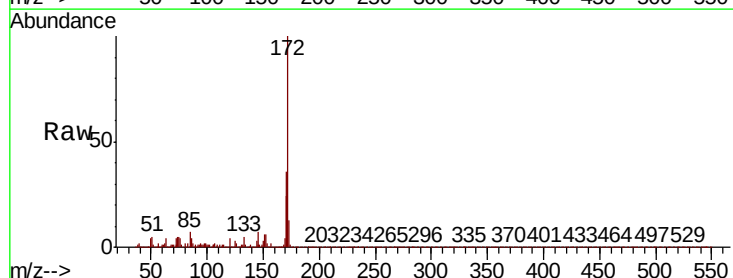
Tgt Ion:172 Resp: 2354679

Ion Ratio Lower Upper

172 100

171 35.7 27.9 41.9

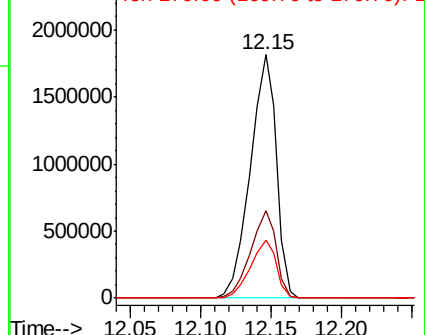
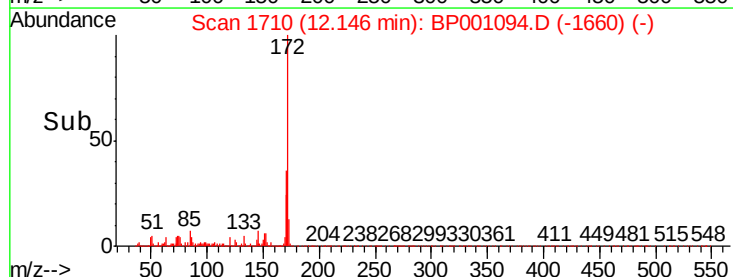
170 24.1 19.0 28.4

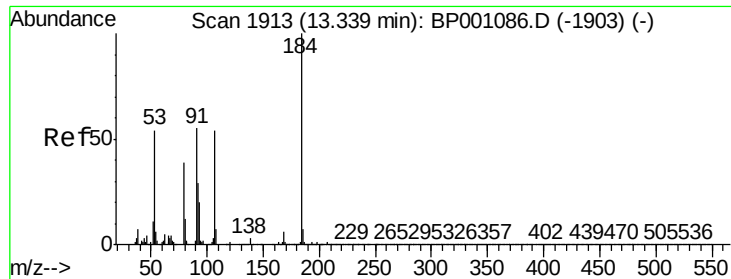


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

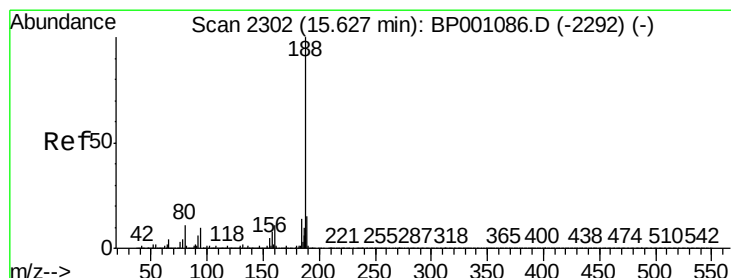
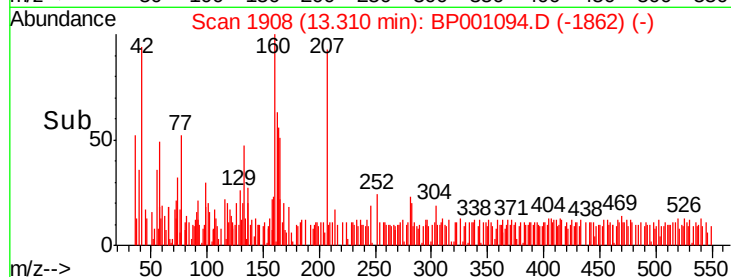
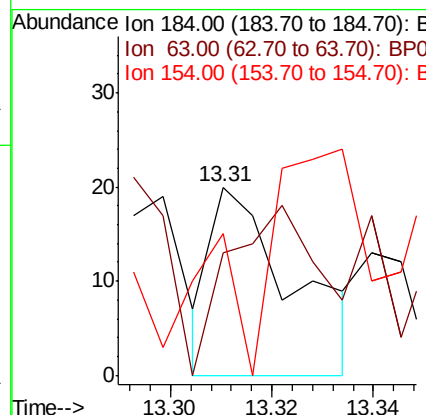
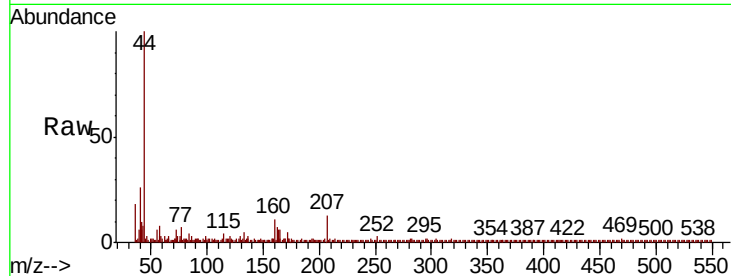




#54
2,4-Dinitrophenol
Concen: 7.116 ng
RT: 13.31 min Scan# 1908
Delta R.T. -0.03 min
Lab File: BP001094.D
Acq: 27 Nov 2019 22:07

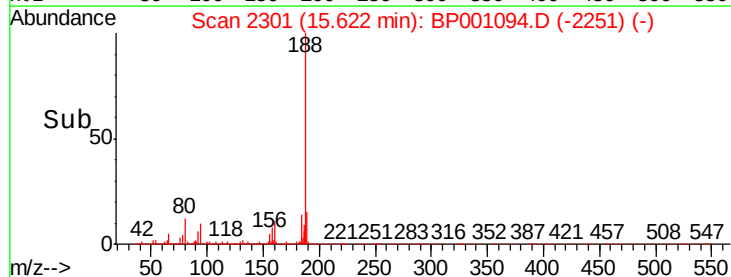
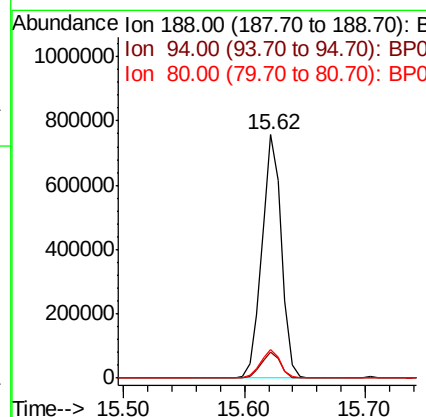
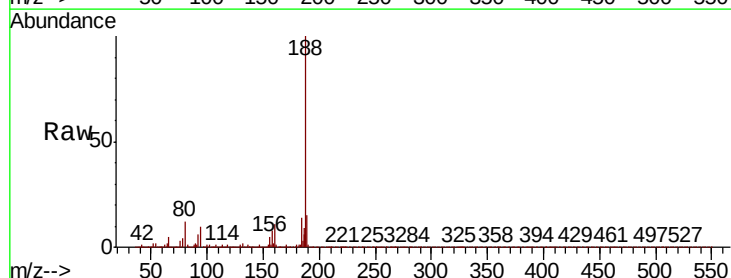
Instrument :
BNA_P
ClientSampled :

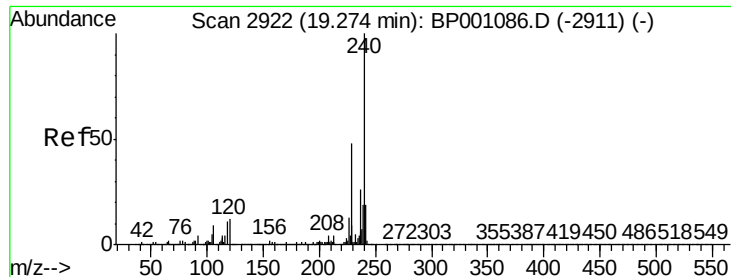
Tot Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 65.0 60.7 91.1
154 75.0 56.2 84.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001094.D
Acq: 27 Nov 2019 22:07

Tgt Ion:188 Resp: 849813
Ion Ratio Lower Upper
188 100
94 10.5 7.9 11.9
80 11.5 8.8 13.2

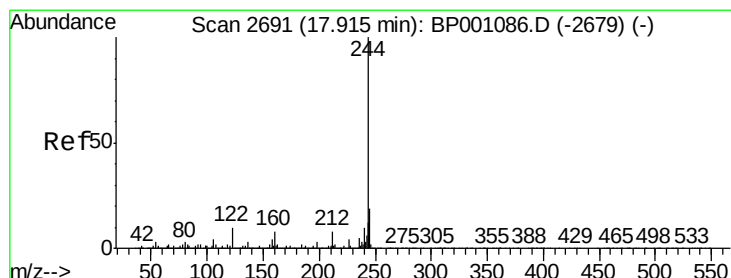
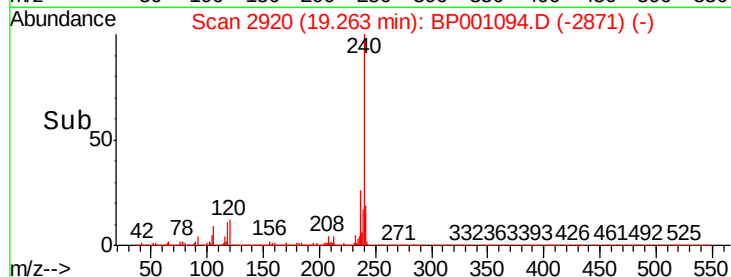
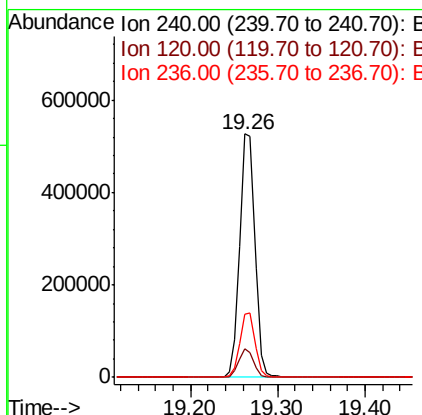
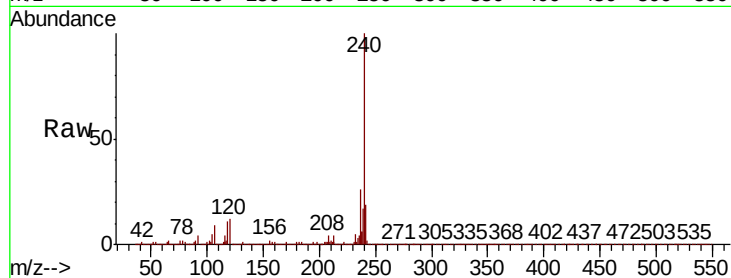




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.26 min Scan# 2920
 Delta R.T. -0.01 min
 Lab File: BP001094.D
 Acq: 27 Nov 2019 22:07

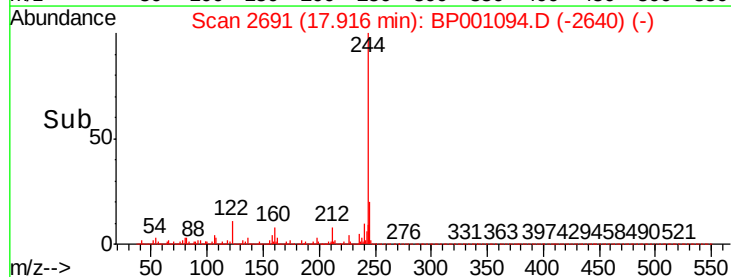
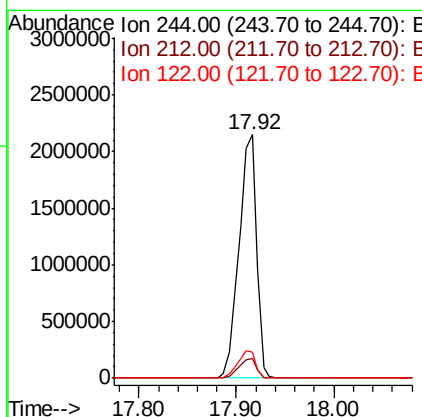
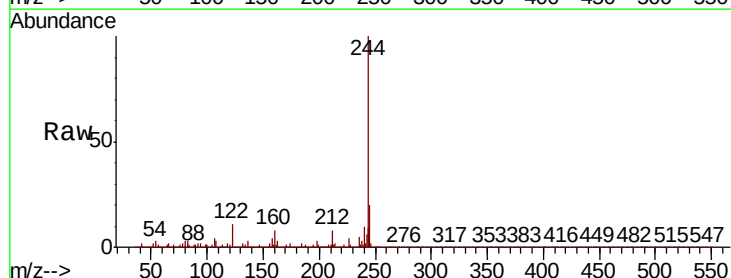
Instrument :
 BNA_P
 ClientSampleId :

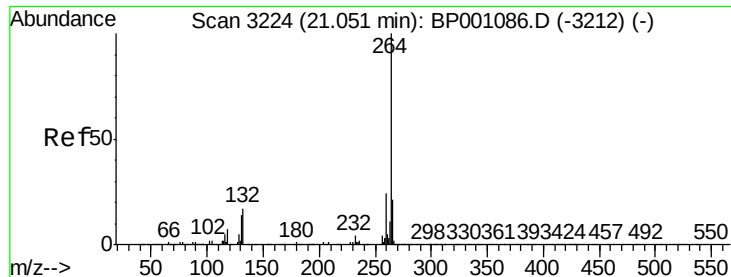
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.7	20.4	30.6



#79
 Terphenyl-d14
 Concen: 81.206 ng
 RT: 17.92 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: BP001094.D
 Acq: 27 Nov 2019 22:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	10.9	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: BP001094.D
Acq: 27 Nov 2019 22:07

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.8	16.9	25.3

