

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001182.D
 Acq On : 04 Dec 2019 06:09
 Operator : JU
 Sample : PB125201BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 06:58:27 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

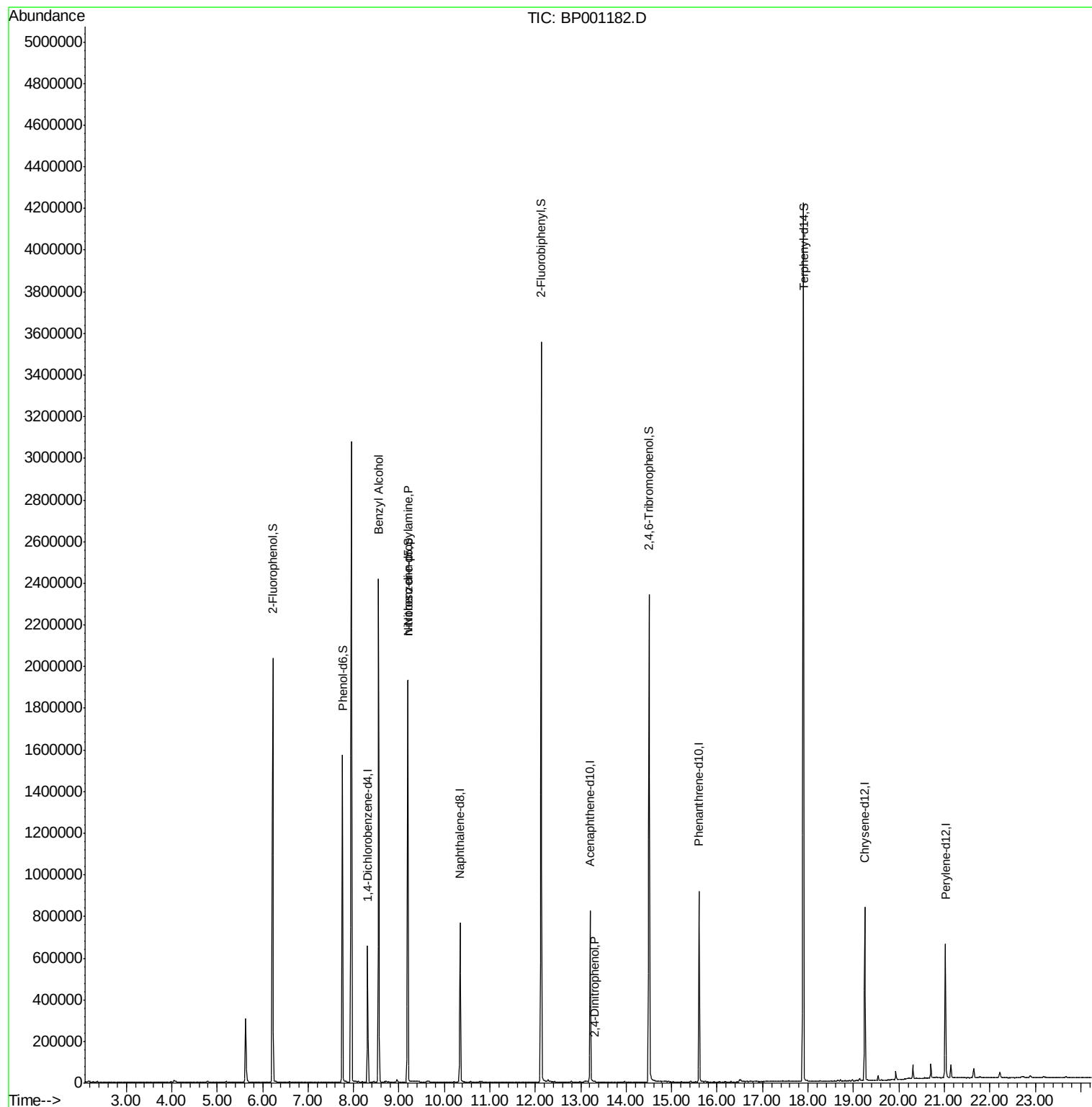
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	107432	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	393718	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	214134	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	414006	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	327046	20.00	ng	-0.02
87) Perylene-d12	21.02	264	342286	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	649190	100.25	ng	0.00
7) Phenol-d6	7.76	99	579226	67.14	ng	-0.01
23) Nitrobenzene-d5	9.19	82	878049	96.76	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	312715	152.36	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1415062	96.72	ng	-0.02
79) Terphenyl-d14	17.90	244	1719239	97.26	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.61	77	832	Below Cal	#	83
15) Benzyl Alcohol	8.55	79	16966	2.396 ng	#	54
19) n-Nitroso-di-n-propylamine	9.19	70	124191	19.950 ng	#	82
54) 2,4-Dinitrophenol	13.30	184	17	7.120 ng	#	80

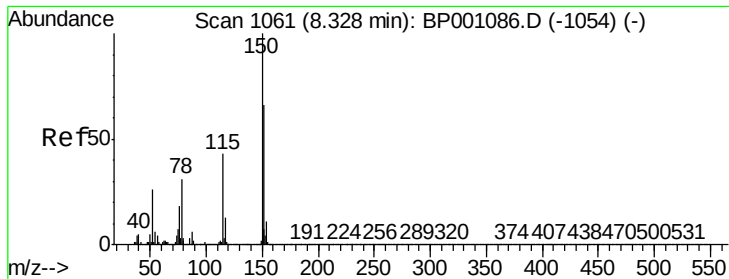
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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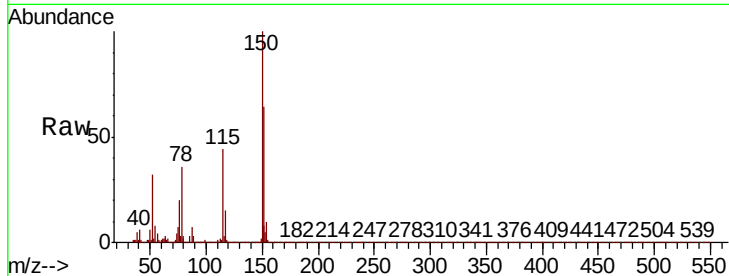




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BP001182.D
 Acq: 04 Dec 2019 06:09

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	120.6	181.0
115	68.6	51.6	77.4

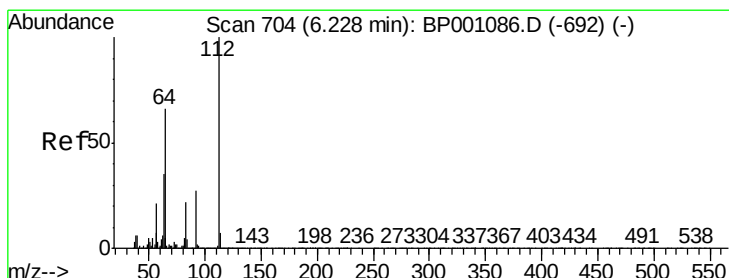
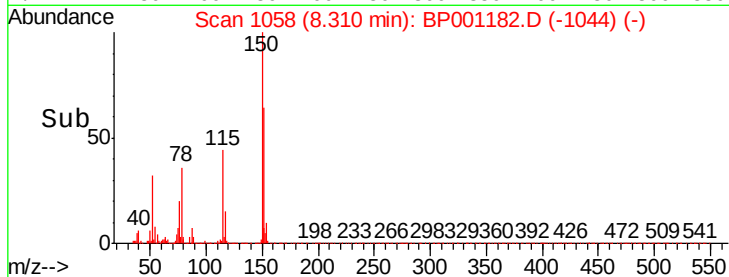
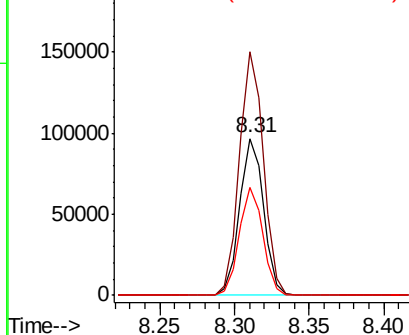


Abundance

Ion 152.00 (151.70 to 152.70): E

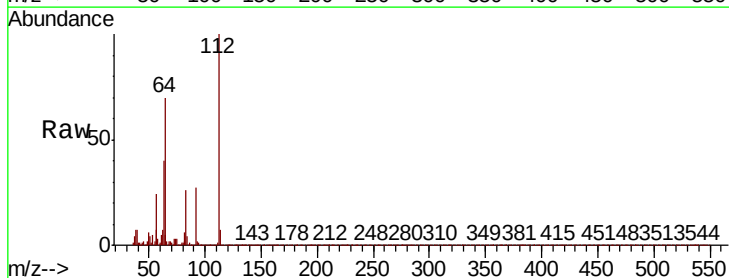
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 100.255 ng
 RT: 6.22 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BP001182.D
 Acq: 04 Dec 2019 06:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	52.8	79.2
63	40.0	28.2	42.2

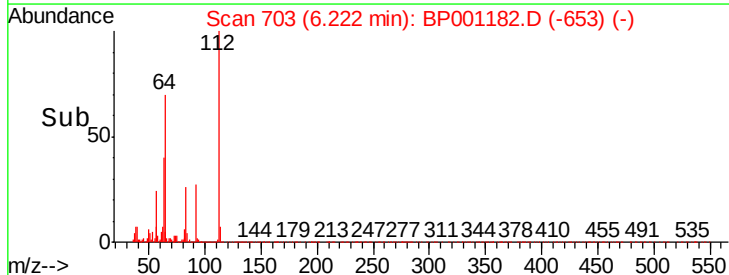
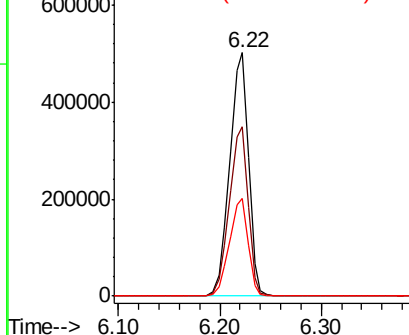


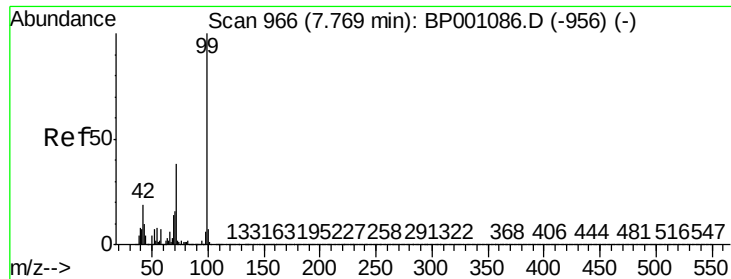
Abundance

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: 67.142 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001182.D

Acq: 04 Dec 2019 06:09

Instrument :

BNA_P

ClientSampleId :

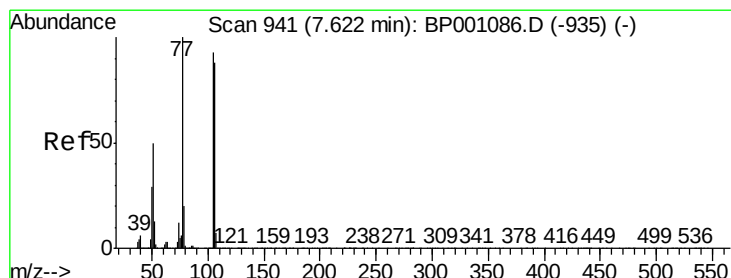
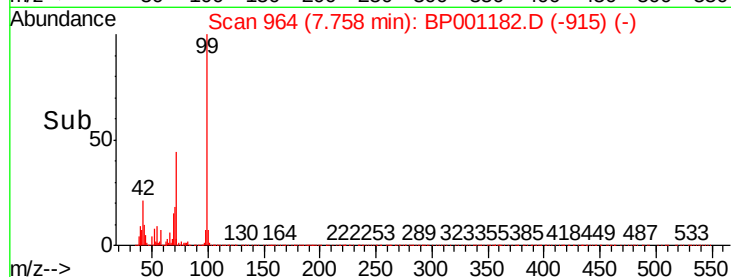
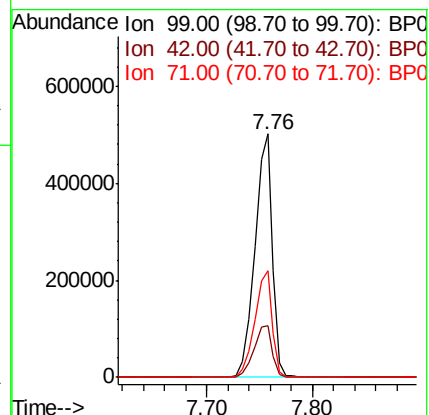
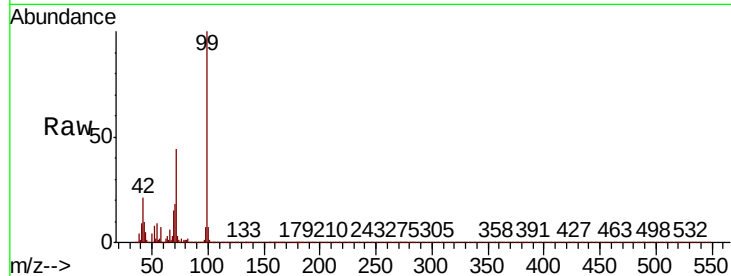
Tot Ion: 99 Resp: 579226

Ion Ratio Lower Upper

99 100

42 21.4 15.4 23.0

71 44.0 30.8 46.2



#9

Benzaldehyde

Concen: Below Cal

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BP001182.D

Acq: 04 Dec 2019 06:09

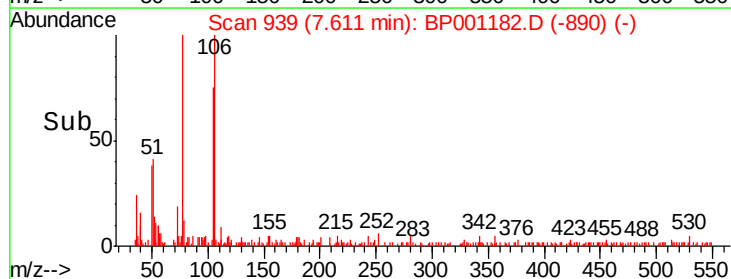
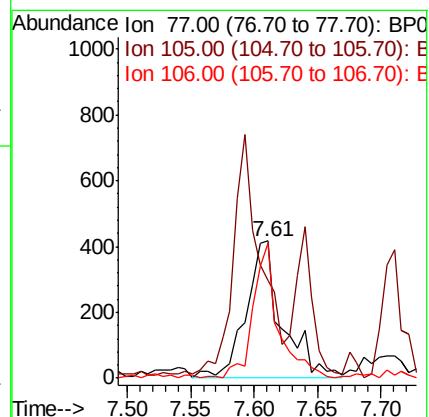
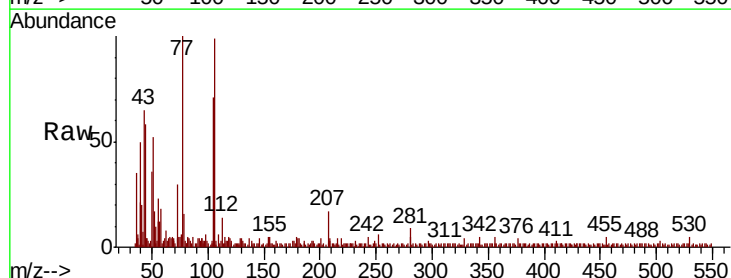
Tgt Ion: 77 Resp: 832

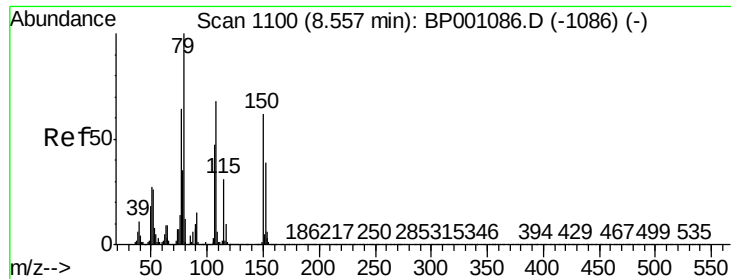
Ion Ratio Lower Upper

77 100

105 71.0 72.5 112.5#

106 98.6 67.6 107.6

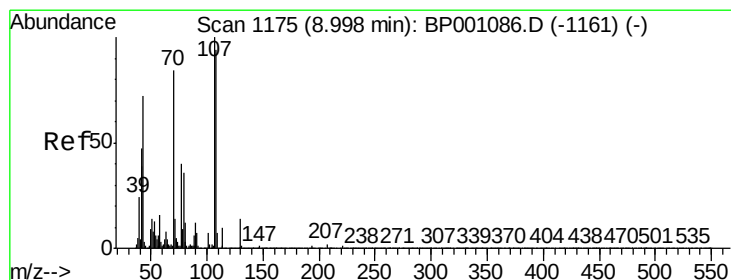
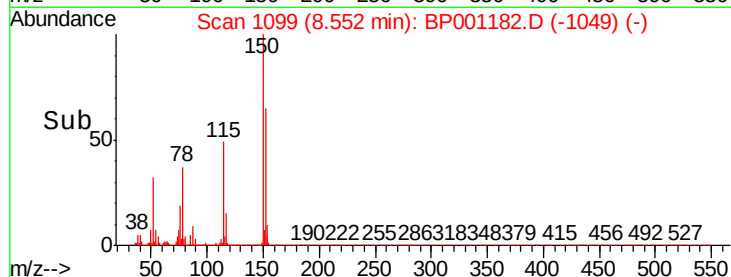
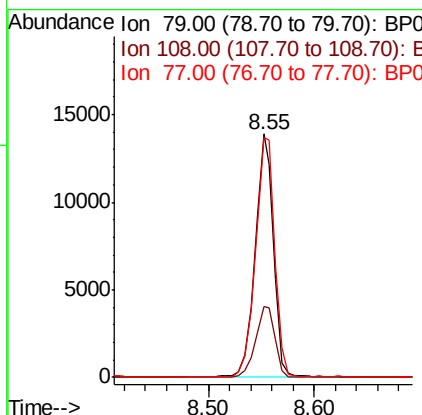
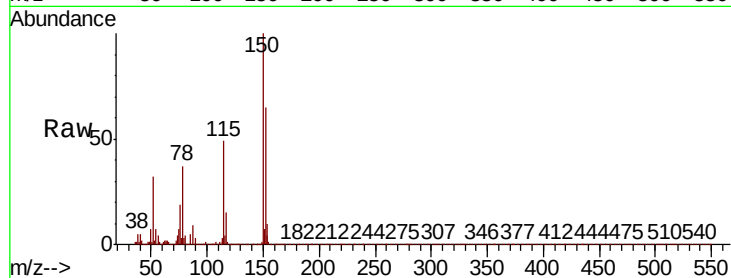




#15
Benzyl Alcohol
Concen: 2.396 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BP001182.D
Acq: 04 Dec 2019 06:09

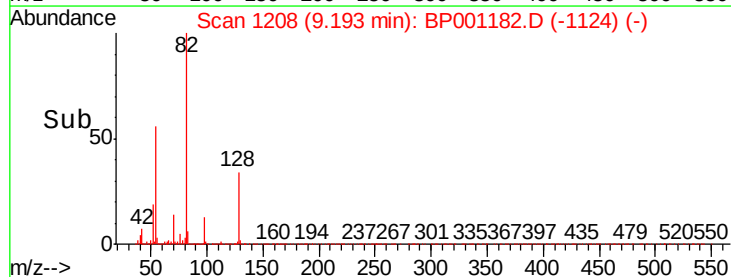
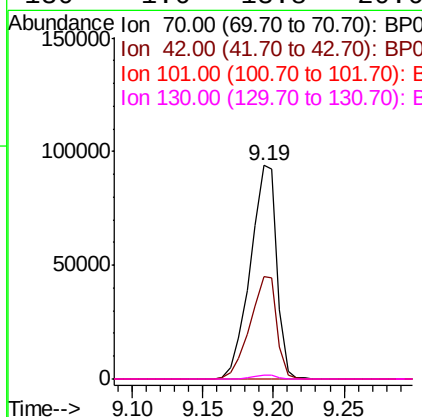
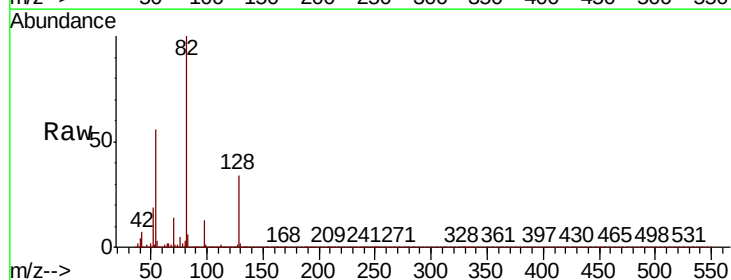
Instrument :
BNA_P
ClientSampled :

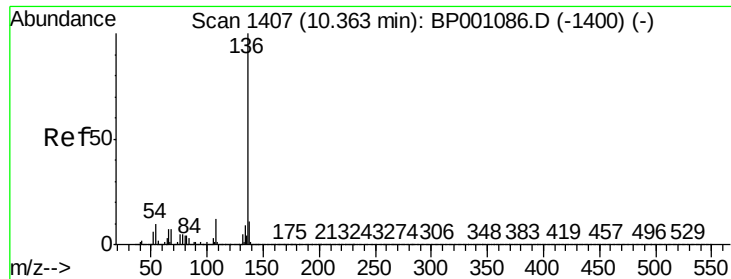
Tot Ion	Ratio	Lower	Upper
79	100		
108	29.1	54.8	82.2#
77	98.7	51.4	77.2#



#19
n-Nitroso-di-n-propylamine
Concen: 19.950 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.19 min
Lab File: BP001182.D
Acq: 04 Dec 2019 06:09

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.9	44.6	66.8
101	0.0	7.1	10.7#
130	1.6	13.8	20.6#

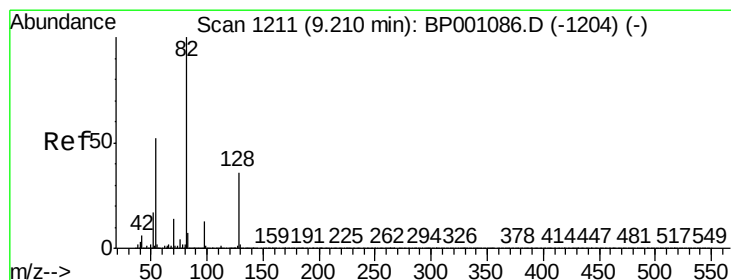
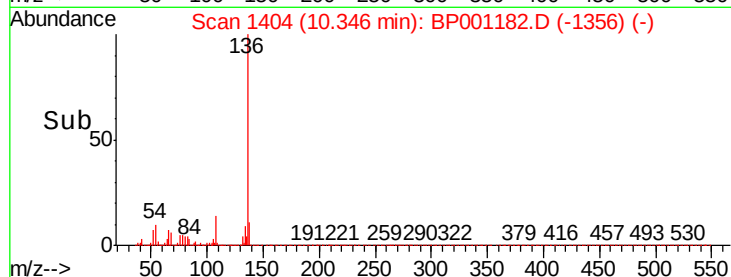
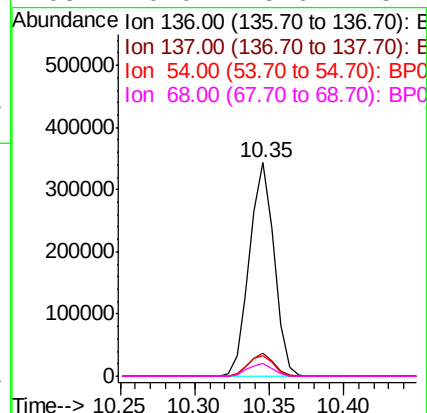
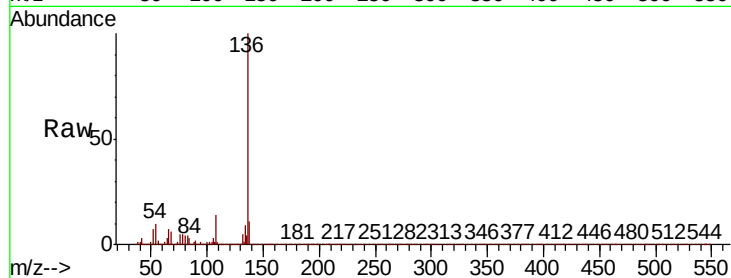




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BP001182.D
Acq: 04 Dec 2019 06:09

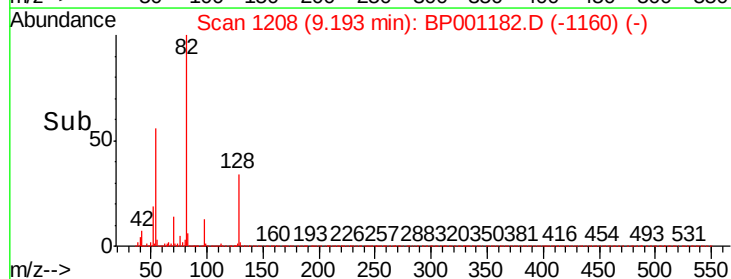
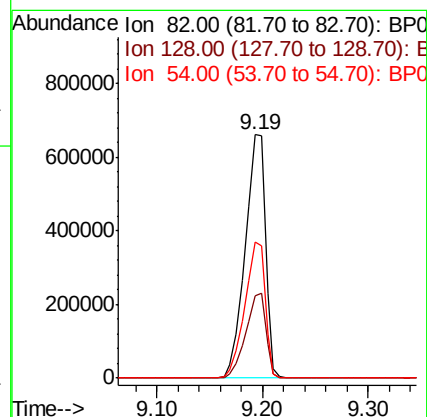
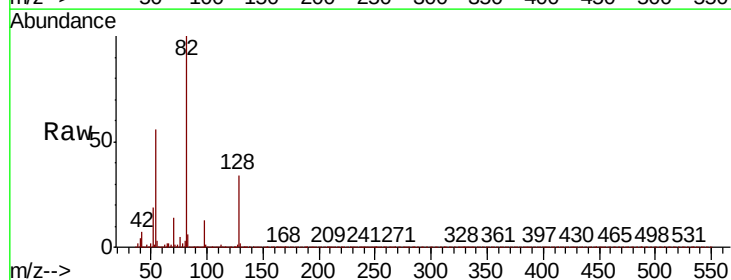
Instrument :
BNA_P
ClientSampled :

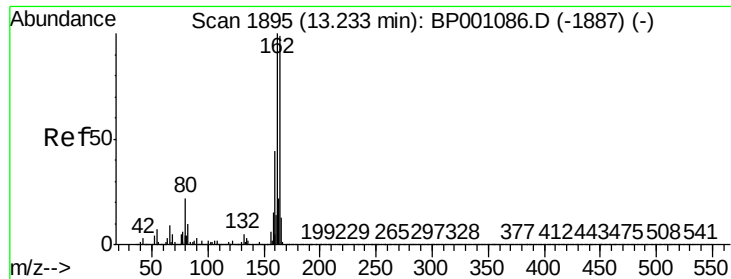
Tot Ion:136	Resp:	393718
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	9.8	7.9 11.9
68	6.0	5.6 8.4



#23
Nitrobenzene-d5
Concen: 96.757 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BP001182.D
Acq: 04 Dec 2019 06:09

Tgt Ion: 82	Resp:	878049
Ion	Ratio	Lower Upper
82	100	
128	33.7	28.9 43.3
54	55.9	41.9 62.9

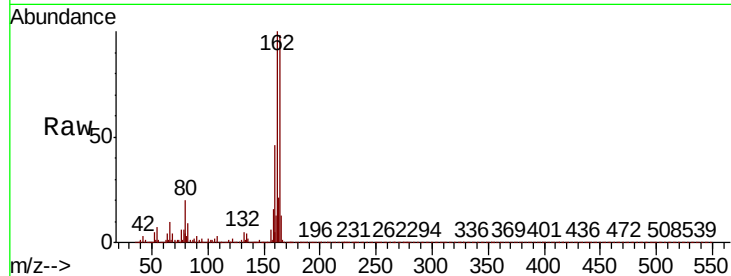




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001182.D
Acq: 04 Dec 2019 06:09

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	47.0	35.4	53.2

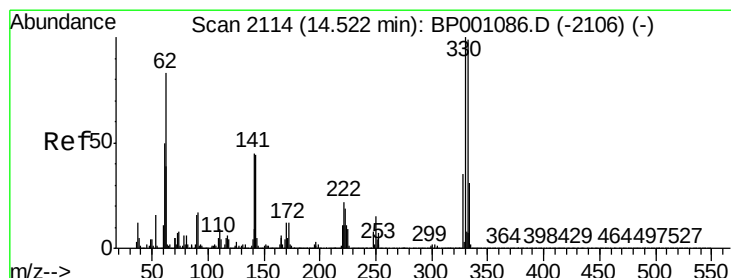
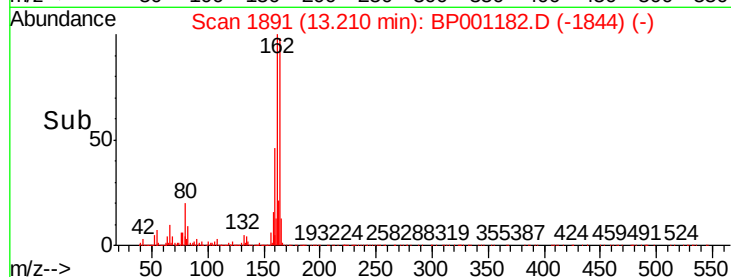
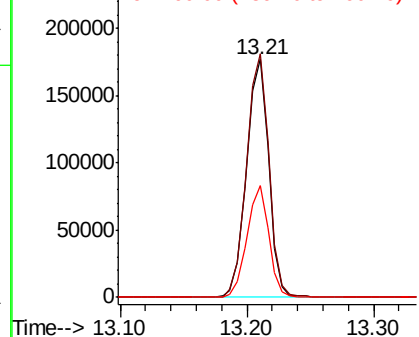


Abundance

Ion 164.00 (163.70 to 164.70): E

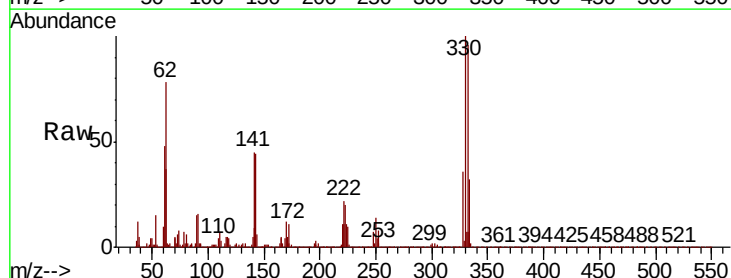
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 152.360 ng
RT: 14.50 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BP001182.D
Acq: 04 Dec 2019 06:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	44.8	34.2	51.2

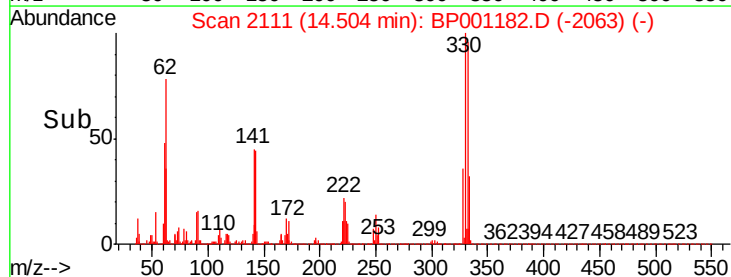
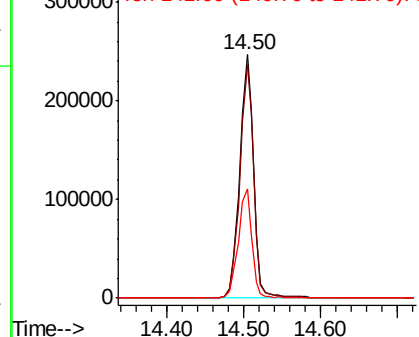


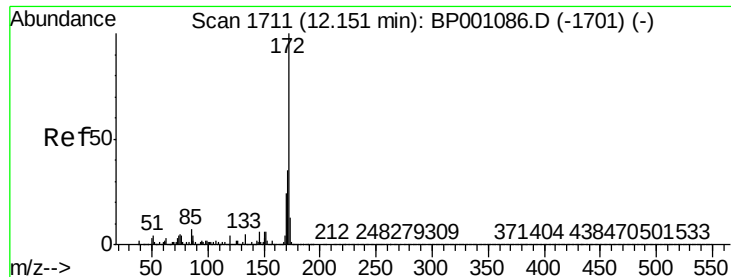
Abundance

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

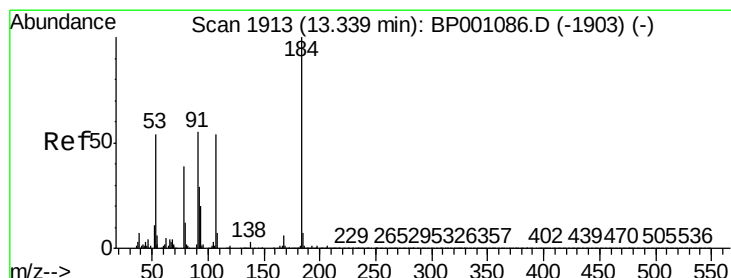
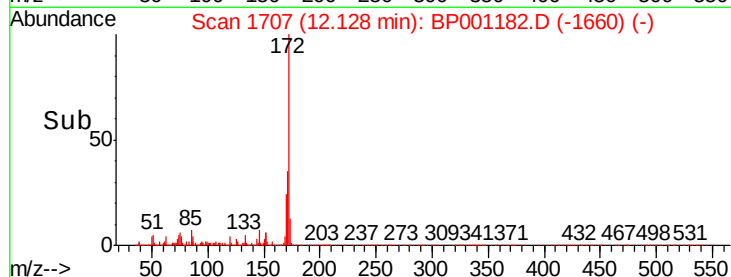
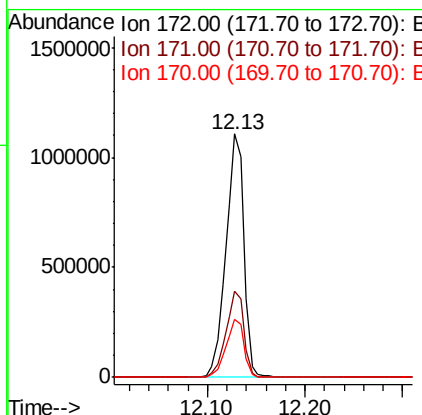
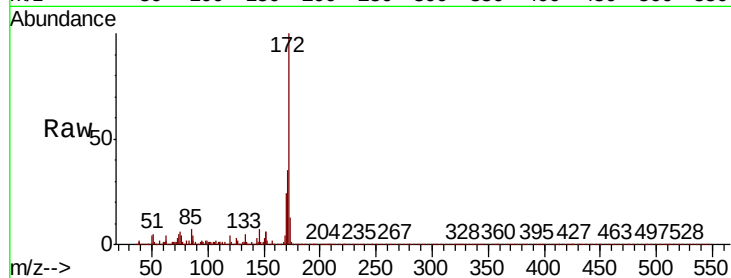




#45
2-Fluorobiphenyl
Concen: 96.717 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001182.D
Acq: 04 Dec 2019 06:09

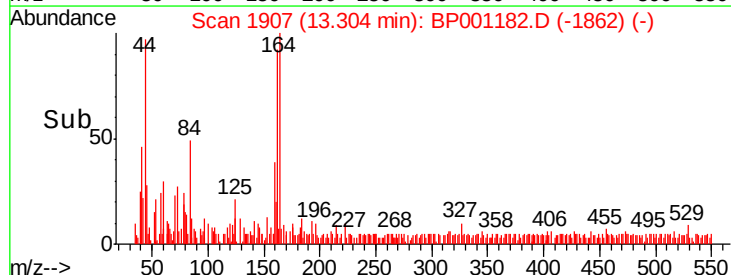
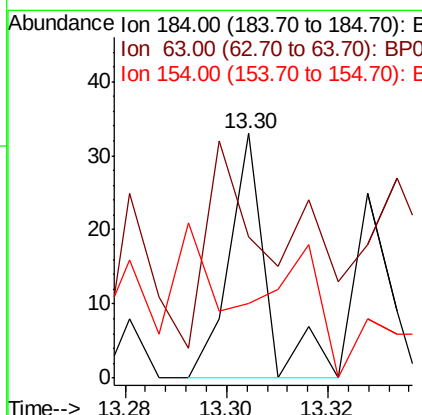
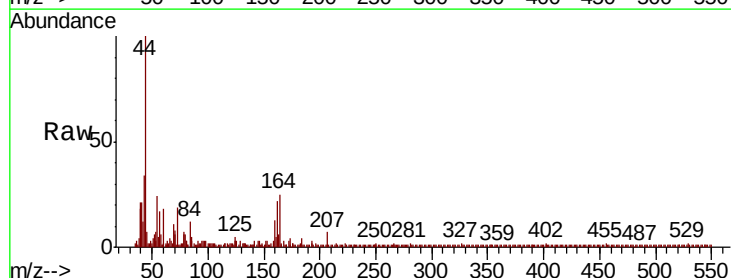
Instrument :
BNA_P
ClientSampled :

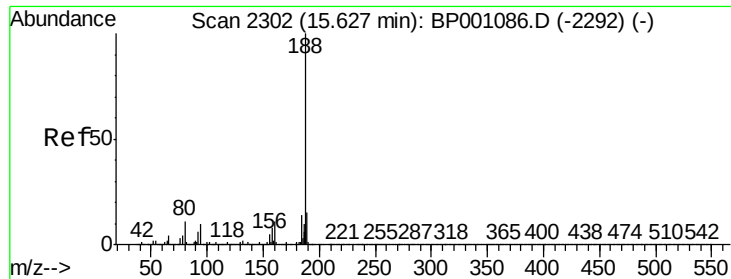
Tot Ion:172 Resp: 1415062
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.6 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 7.120 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.03 min
Lab File: BP001182.D
Acq: 04 Dec 2019 06:09

Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 57.6 60.7 91.1#
154 54.5 56.2 84.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BP001182.D

Acq: 04 Dec 2019 06:09

Instrument :

BNA_P

ClientSampleId :

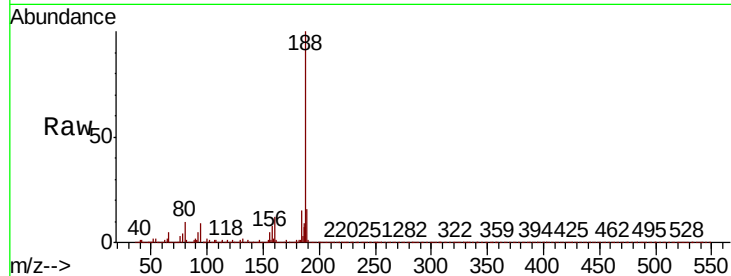
Tot Ion:188 Resp: 414006

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

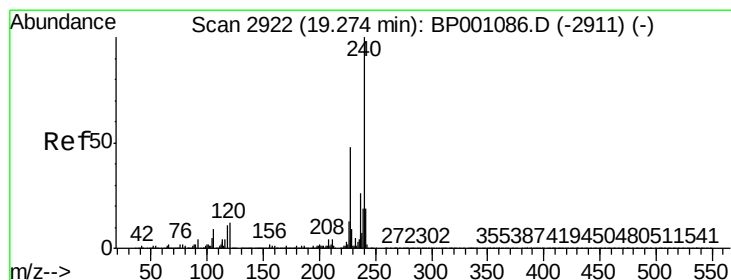
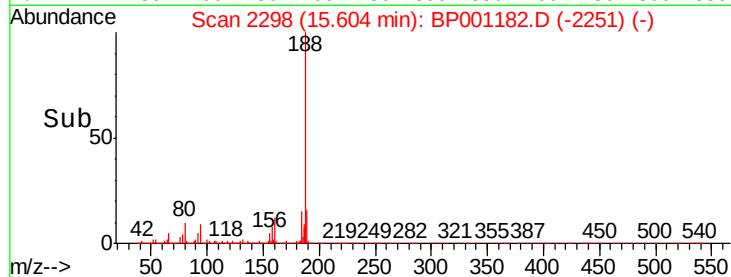
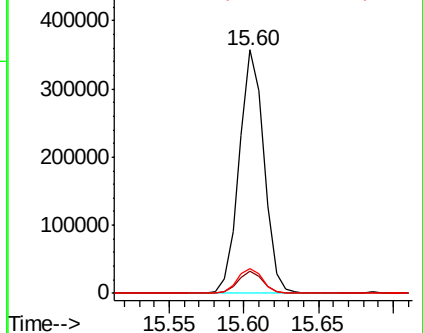
80 10.3 8.8 13.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.25 min Scan# 2918

Delta R.T. -0.02 min

Lab File: BP001182.D

Acq: 04 Dec 2019 06:09

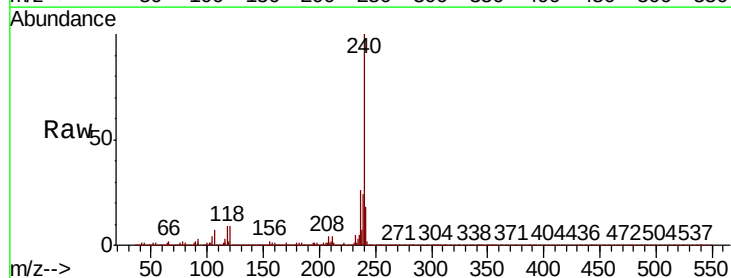
Tgt Ion:240 Resp: 327046

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

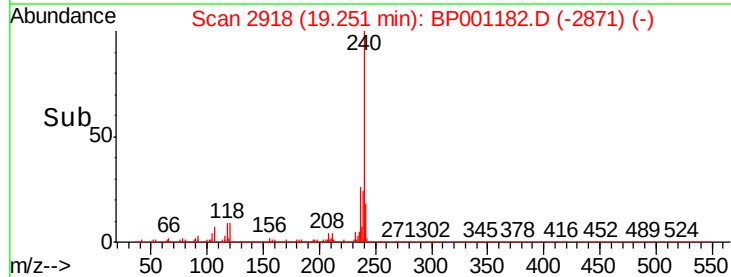
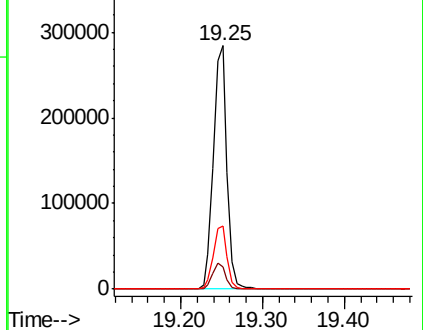
236 26.2 20.4 30.6

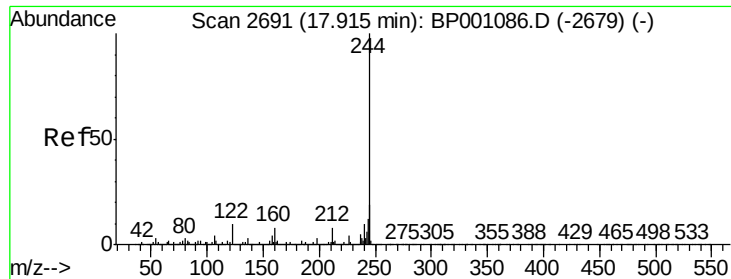


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.257 ng

RT: 17.90 min Scan# 2688

Delta R.T. -0.02 min

Lab File: BP001182.D

Acq: 04 Dec 2019 06:09

Instrument :

BNA_P

ClientSampleId :

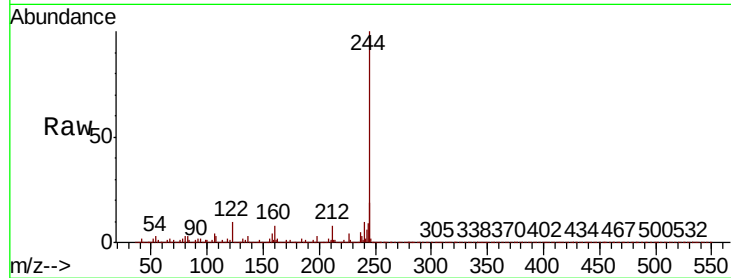
Tot Ion:244 Resp: 1719239

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	9.8	8.2	12.2

244 100

212 7.9 6.2 9.2

122 9.8 8.2 12.2

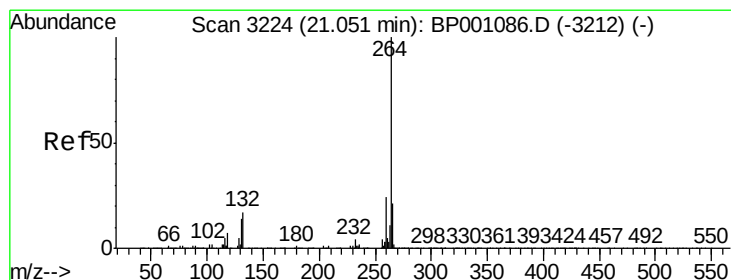
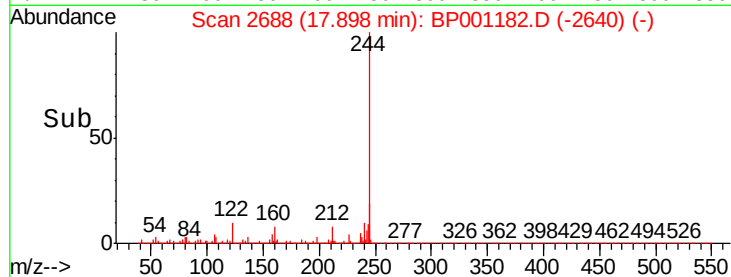
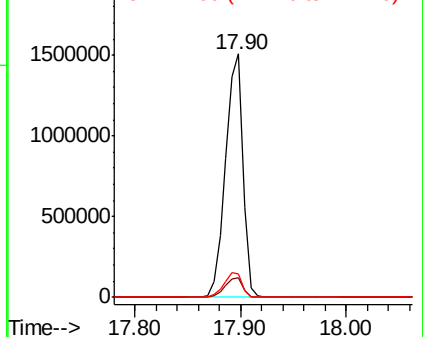


Abundance

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: 21.02 min Scan# 3219

Delta R.T. -0.03 min

Lab File: BP001182.D

Acq: 04 Dec 2019 06:09

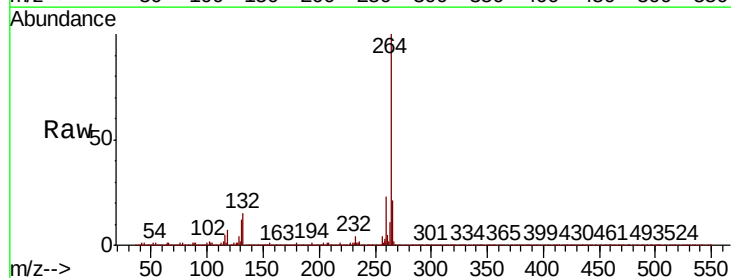
Tgt Ion:264 Resp: 342286

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	20.5	16.9	25.3

264 100

260 23.2 18.8 28.2

265 20.5 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

