

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001209.D
 Acq On : 05 Dec 2019 13:59
 Operator : JU
 Sample : PB125030BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125030BL

Quant Time: Dec 05 15:24:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

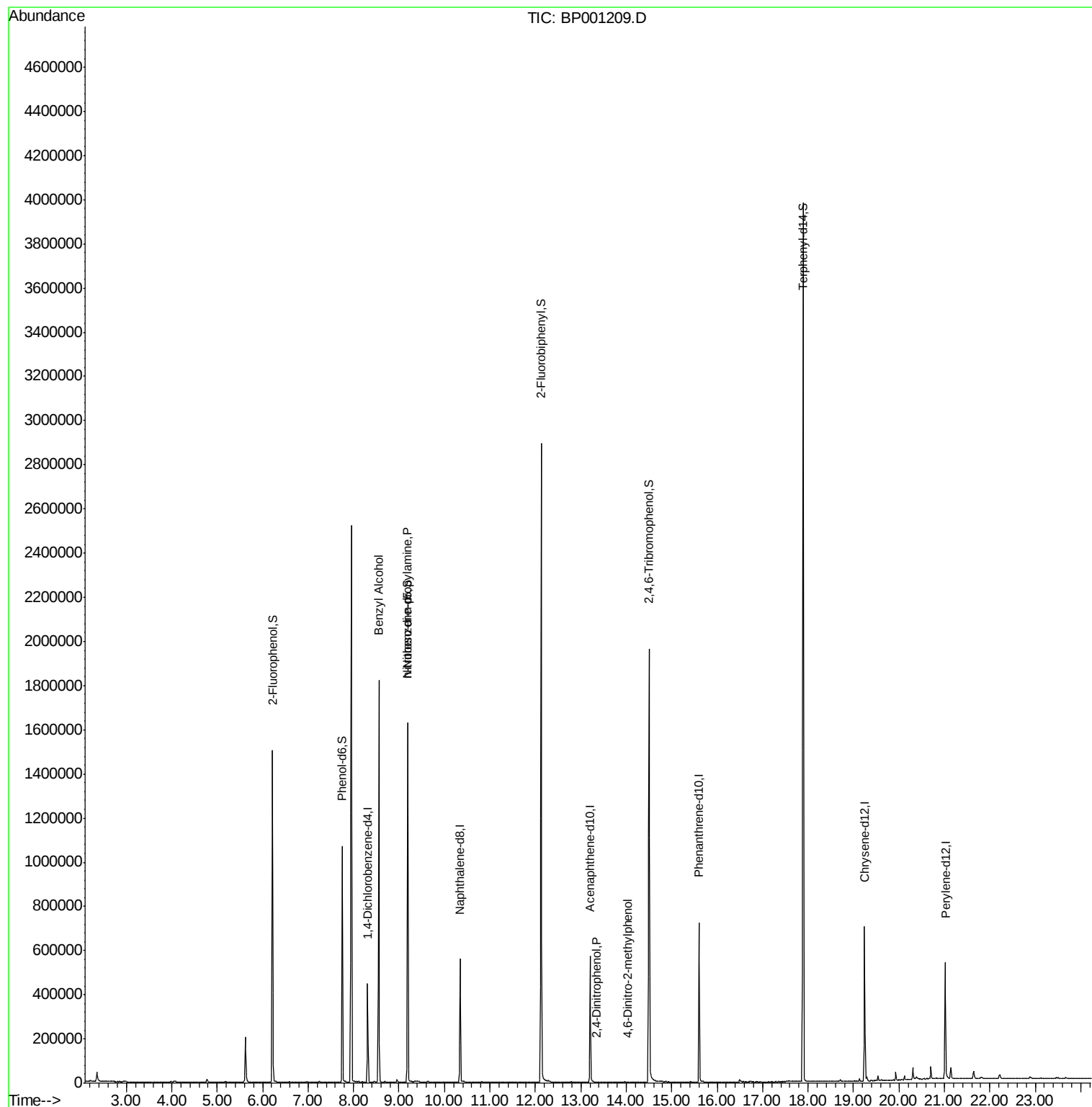
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	76186	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	273246	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	154117	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	313254	20.00	ng	0.00
76) Chrysene-d12	19.24	240	260706	20.00	ng	-0.01
87) Perylene-d12	21.02	264	277173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	448490	97.67	ng	0.00
7) Phenol-d6	7.75	99	376551	61.55	ng	-0.01
23) Nitrobenzene-d5	9.19	82	679662	107.92	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	268333	181.65	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	1121360	106.49	ng	0.00
79) Terphenyl-d14	17.89	244	1526985	108.36	ng	0.00
Target Compounds						
9) Benzaldehyde	7.62	77	482	Below Cal		90
15) Benzyl Alcohol	8.55	79	12603	2.510 ng	#	64
19) n-Nitroso-di-n-propylamine	9.19	70	97063	21.987 ng	#	78
54) 2,4-Dinitrophenol	13.35	184	7	7.115 ng		92
65) 4,6-Dinitro-2-methylphenol	14.05	198	24	6.292 ng		83

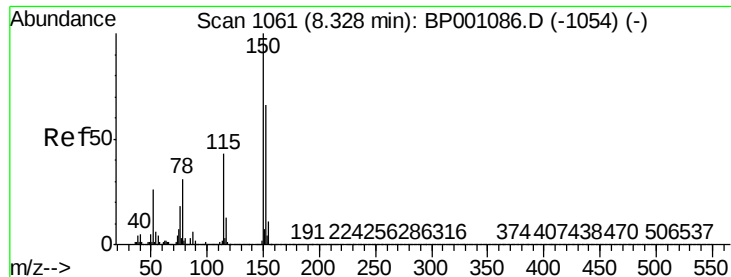
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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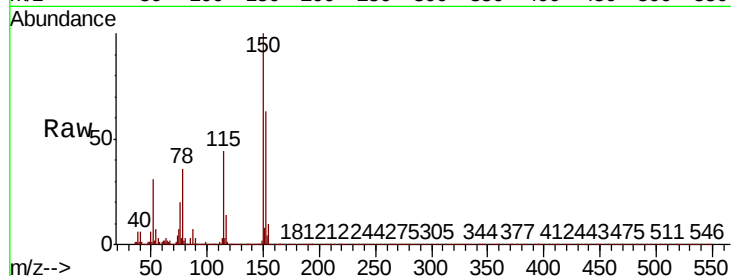




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BP001209.D
 Acq: 05 Dec 2019 13:59

Instrument :
 BNA_P
 ClientSampleId :
 PB125030BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.3	190.9
115	70.2	56.0	84.0

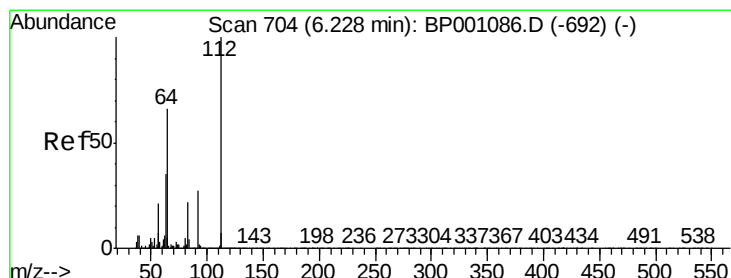
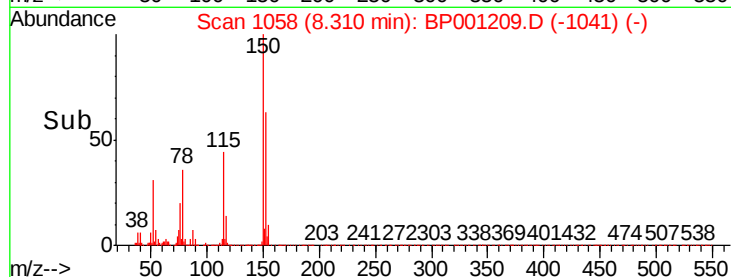
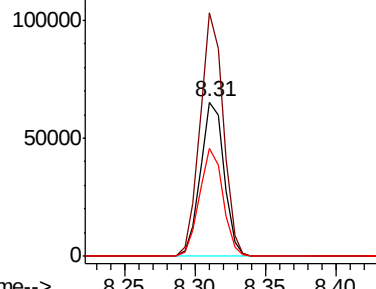


Abundance

Ion 152.00 (151.70 to 152.70): E

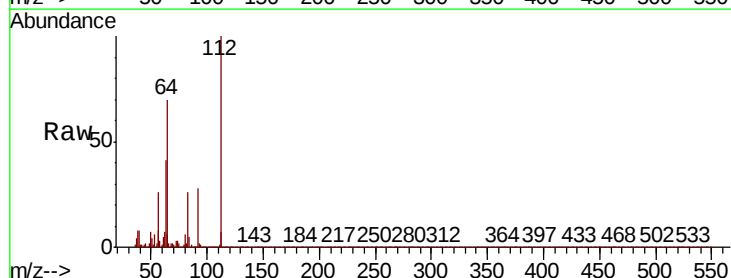
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 97.666 ng
 RT: 6.22 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: BP001209.D
 Acq: 05 Dec 2019 13:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	56.8	85.2
63	41.1	32.2	48.2

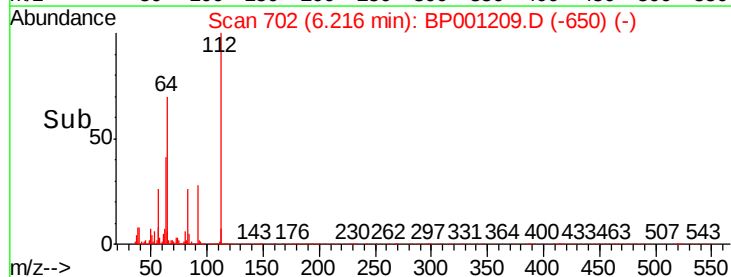
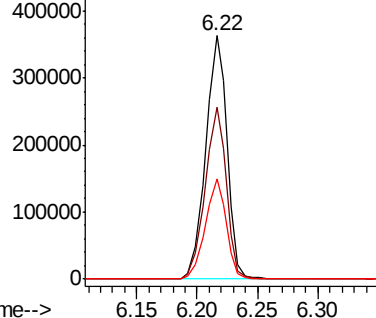


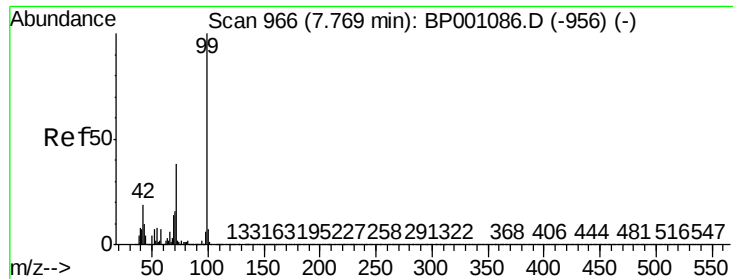
Abundance

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: 61.551 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BP001209.D

Acq: 05 Dec 2019 13:59

Instrument :

BNA_P

ClientSampleId :

PB125030BL

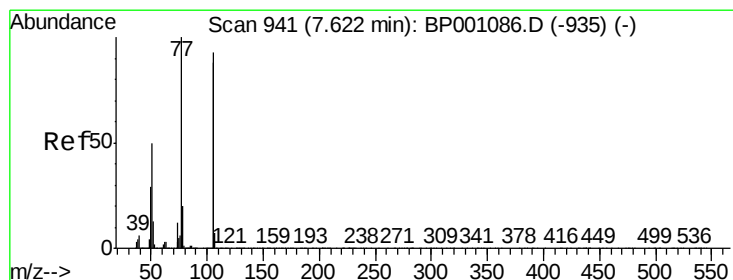
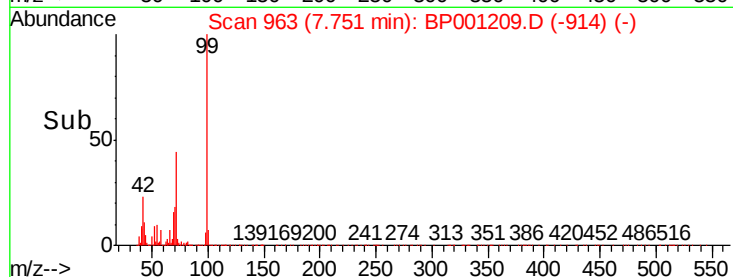
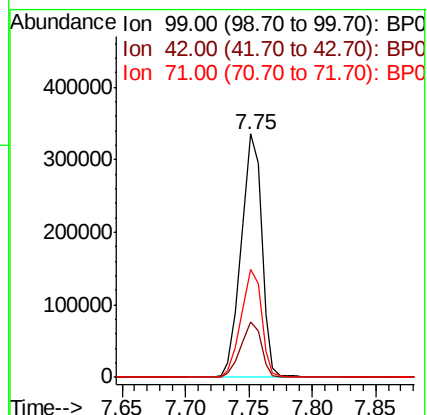
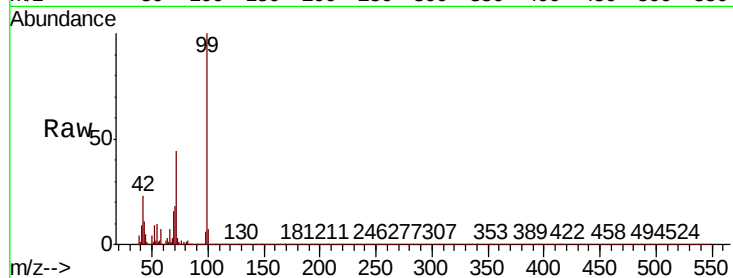
Tot Ion: 99 Resp: 376551

Ion Ratio Lower Upper

99 100

42 23.0 17.6 26.4

71 44.4 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BP001209.D

Acq: 05 Dec 2019 13:59

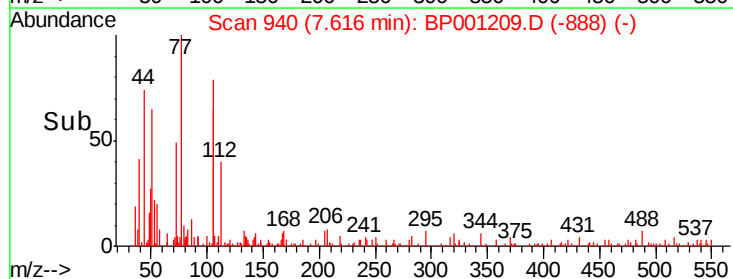
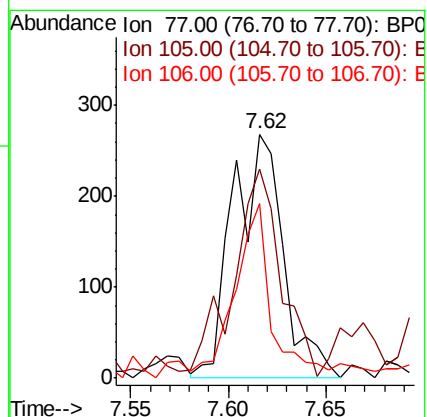
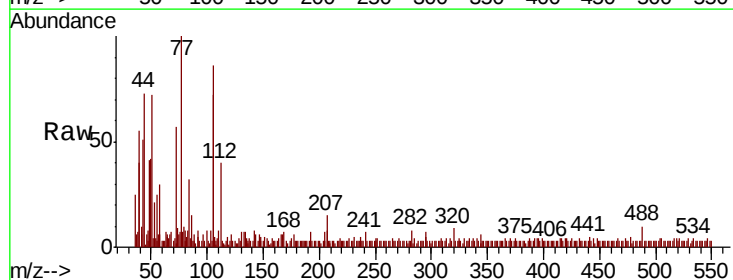
Tgt Ion: 77 Resp: 482

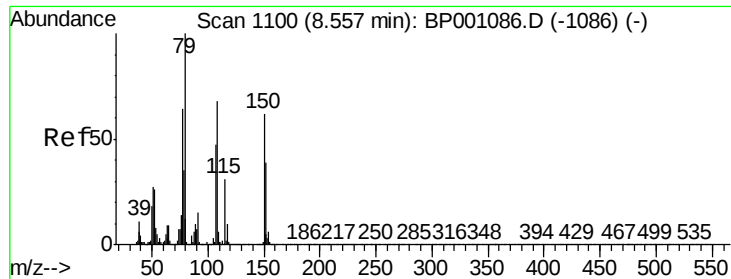
Ion Ratio Lower Upper

77 100

105 85.8 69.7 109.7

106 71.6 67.1 107.1

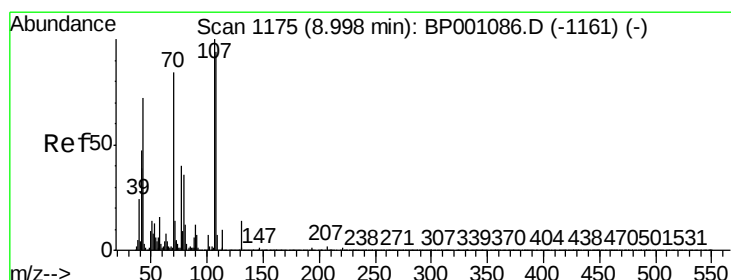
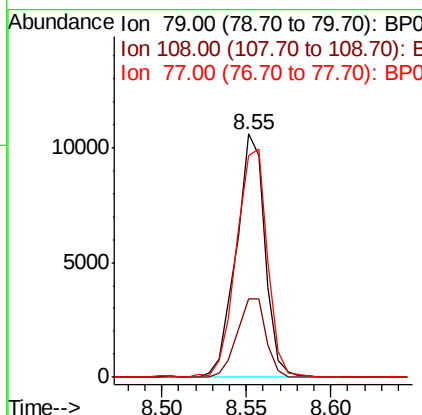
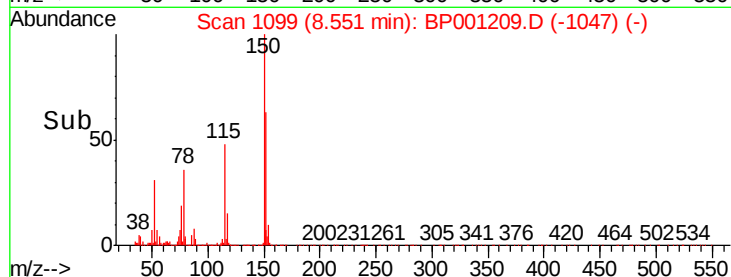
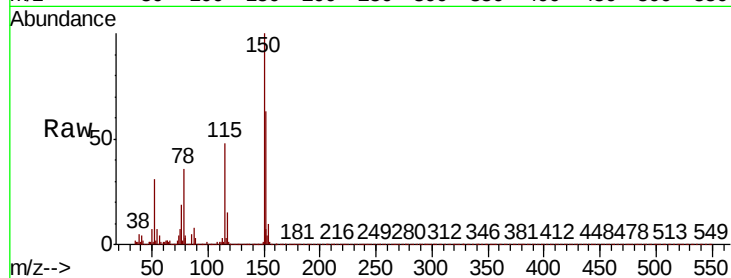




#15
Benzyl Alcohol
Concen: 2.510 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

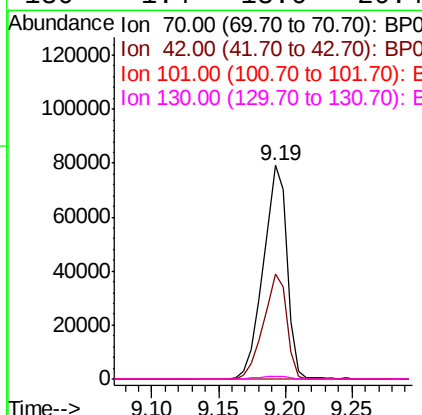
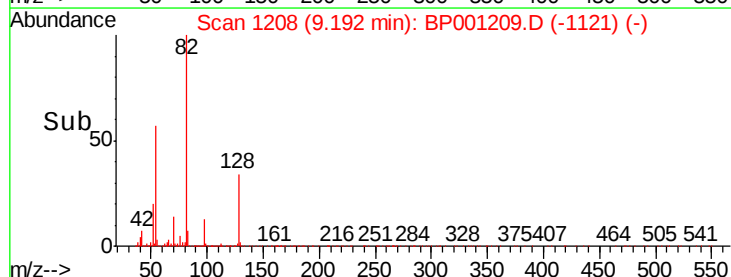
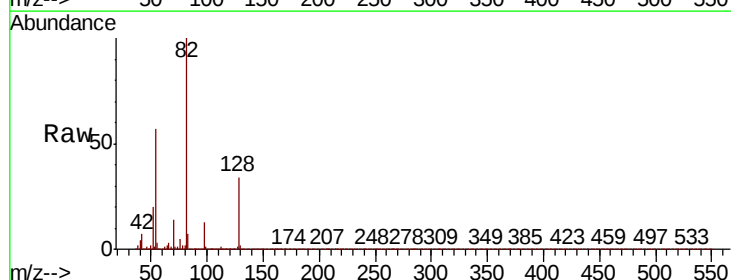
Instrument :
BNA_P
ClientSampleId :
PB125030BL

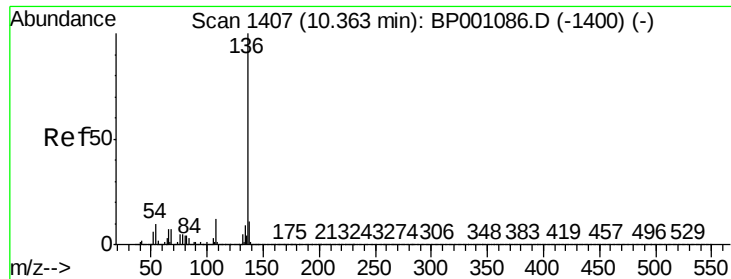
Tot Ion: 79 Resp: 12603
Ion Ratio Lower Upper
79 100
108 32.4 51.6 77.4#
77 91.3 53.5 80.3#



#19
n-Nitroso-di-n-propylamine
Concen: 21.987 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.21 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Tgt Ion: 70 Resp: 97063
Ion Ratio Lower Upper
70 100
42 49.1 50.6 76.0#
101 0.0 7.1 10.7#
130 1.4 13.6 20.4#

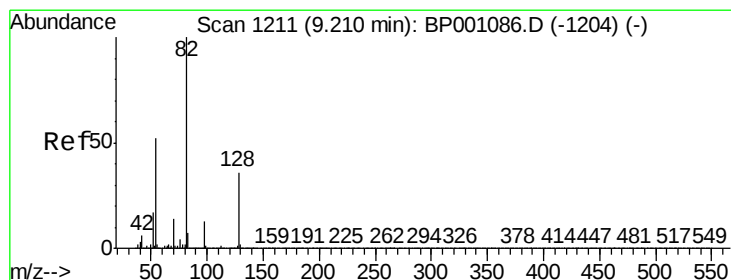
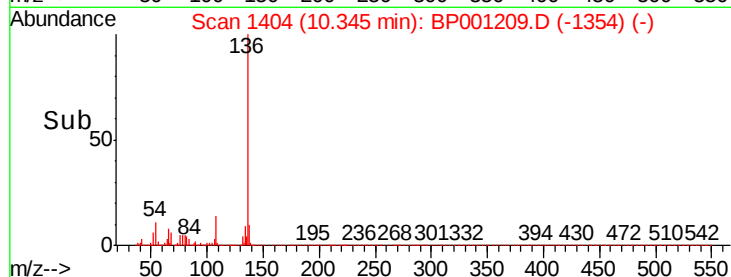
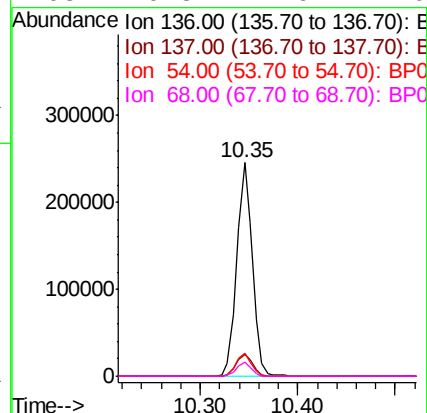
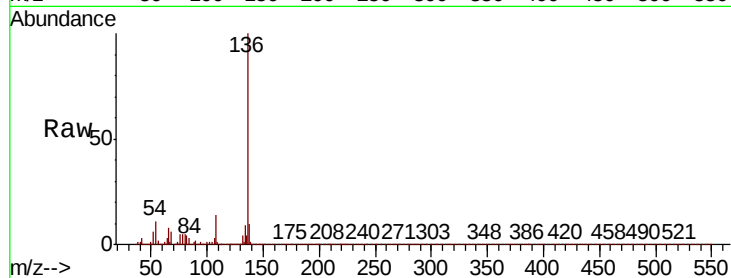




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

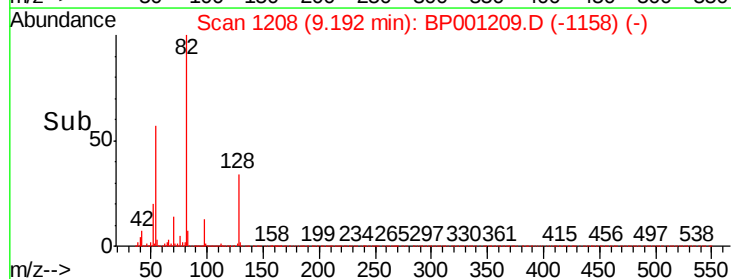
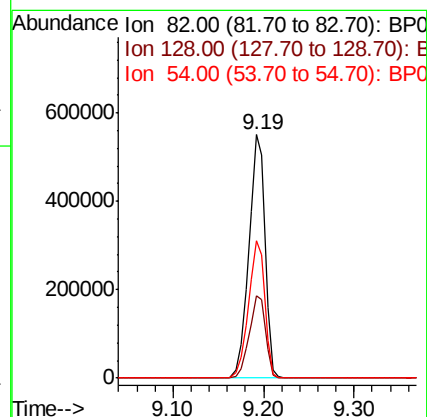
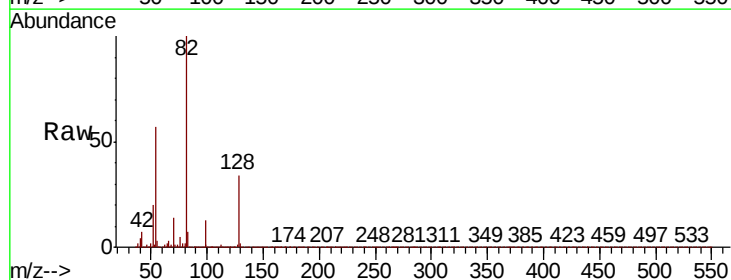
Instrument :
BNA_P
ClientSampleId :
PB125030BL

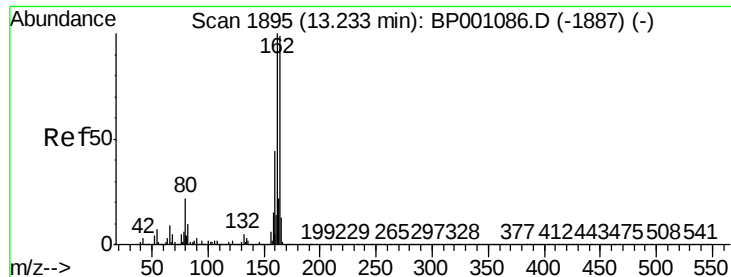
Tot Ion:136	Resp:	273246
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.4 12.6
54	10.9	7.4 11.0
68	6.3	4.6 7.0



#23
Nitrobenzene-d5
Concen: 107.916 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Tgt Ion: 82	Resp:	679662
Ion	Ratio	Lower Upper
82	100	
128	33.7	27.5 41.3
54	56.6	45.7 68.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BP001209.D

Acq: 05 Dec 2019 13:59

Instrument :

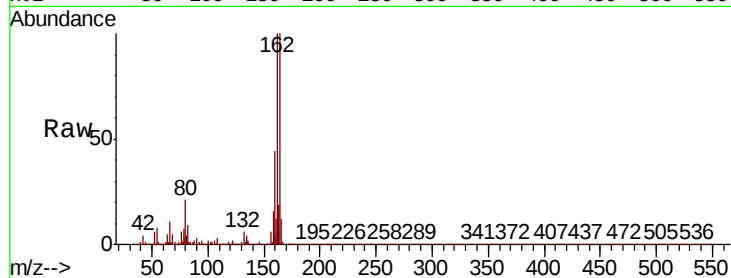
BNA_P

ClientSampleId :

PB125030BL

Tot Ion:164 Resp: 154117

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.7	121.1
160	44.6	36.3	54.5

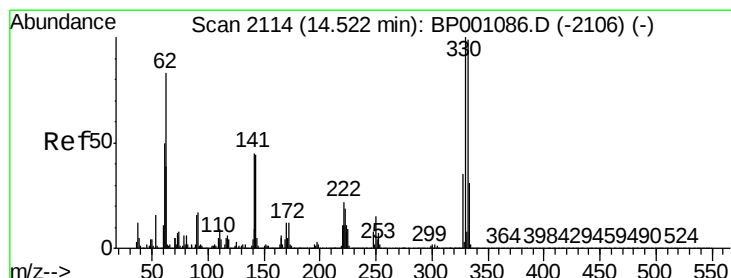
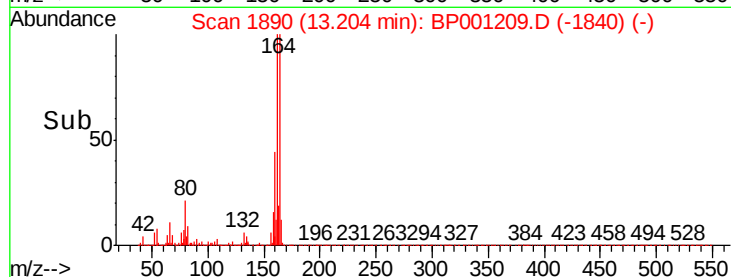
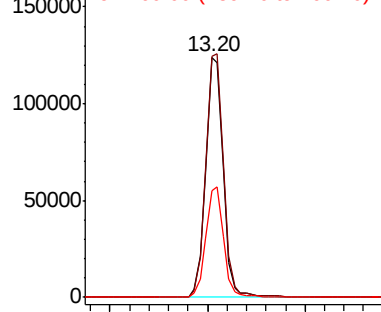


Abundance

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: 181.648 ng

RT: 14.50 min Scan# 2111

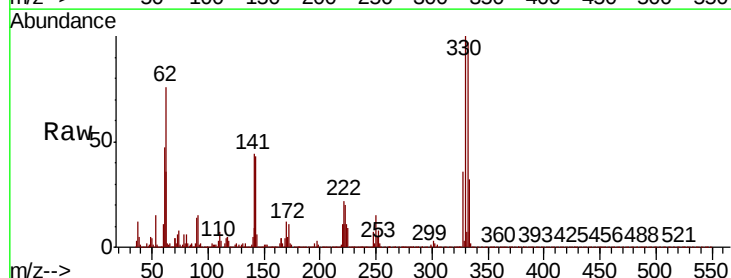
Delta R.T. -0.00 min

Lab File: BP001209.D

Acq: 05 Dec 2019 13:59

Tgt Ion:330 Resp: 268333

Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.1	118.7
141	45.5	35.9	53.9

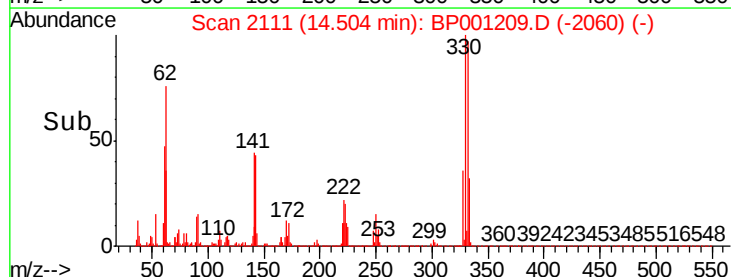
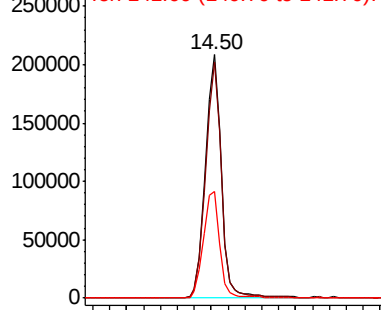


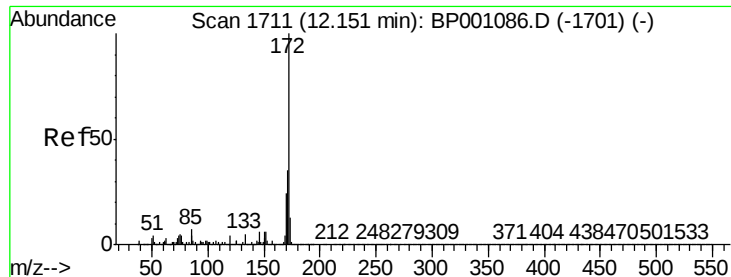
Abundance

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

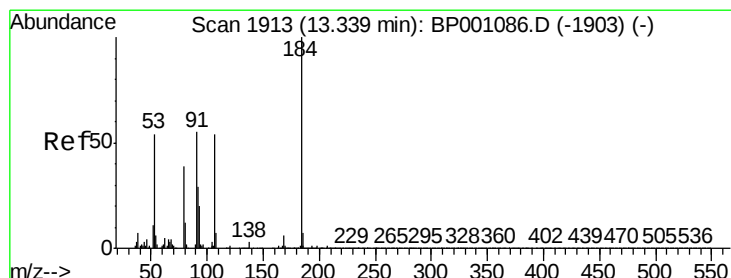
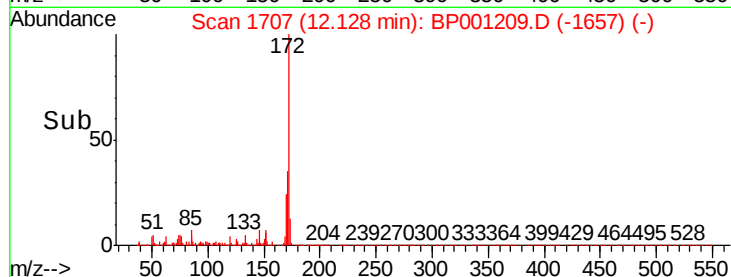
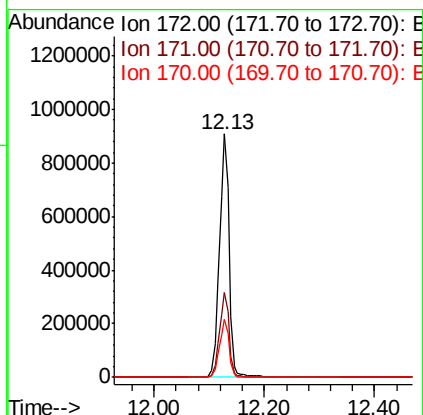
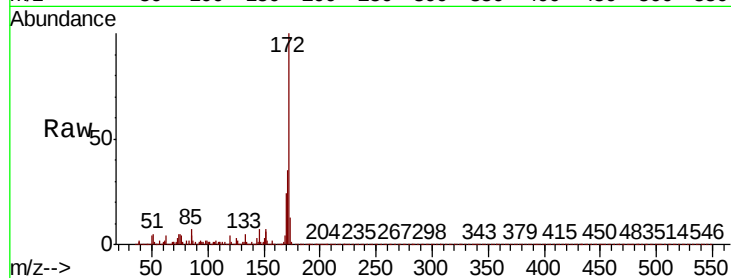




#45
2-Fluorobiphenyl
Concen: 106.490 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

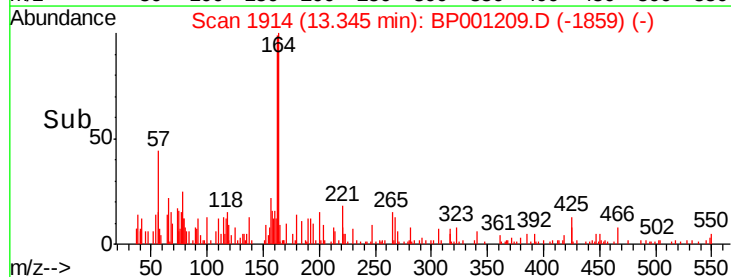
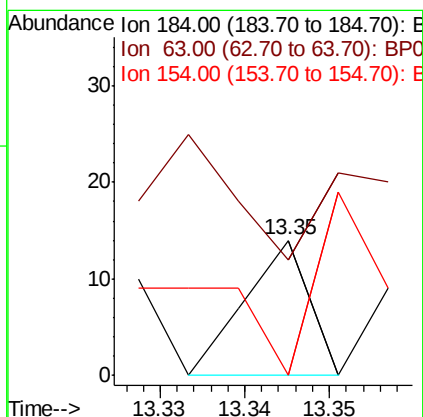
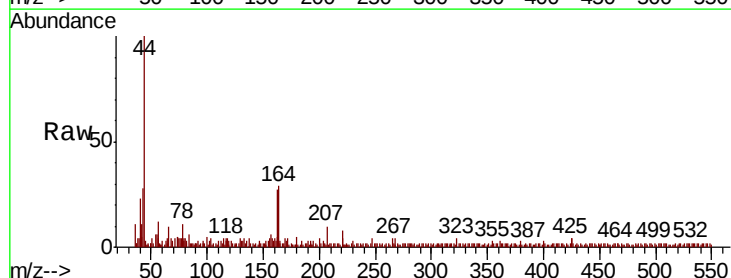
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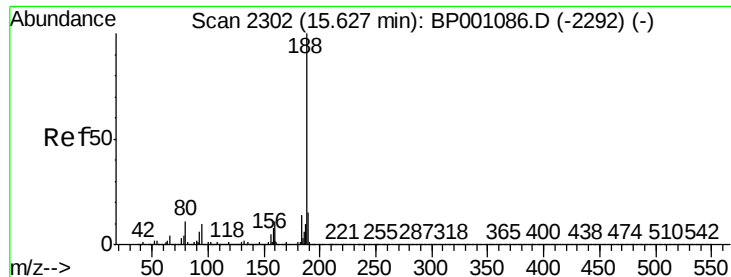
Tot Ion:172 Resp: 1121360
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.9 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.115 ng
RT: 13.35 min Scan# 1914
Delta R.T. 0.02 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 85.7 69.4 104.0
154 85.7 57.4 86.2

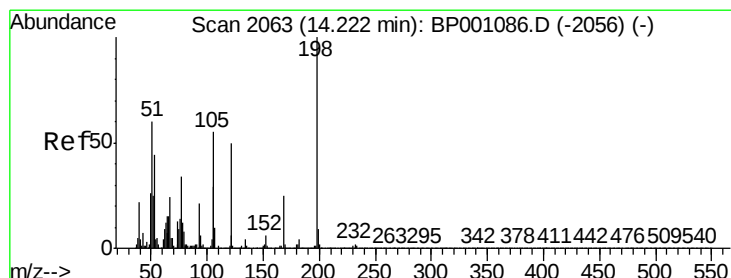
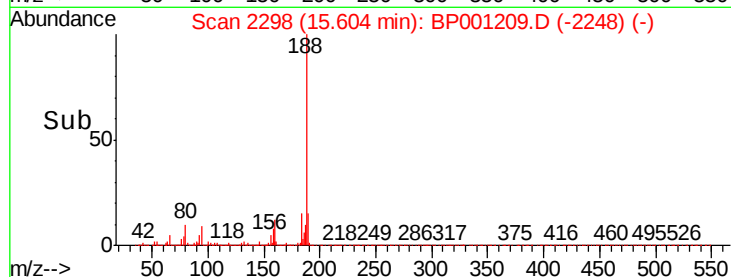
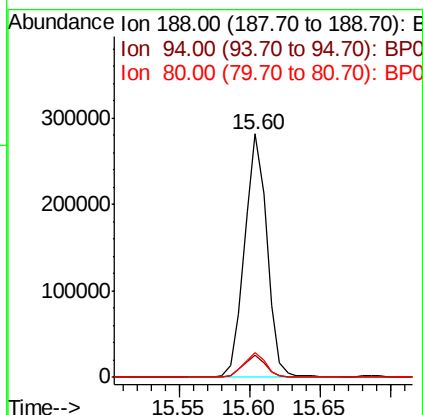
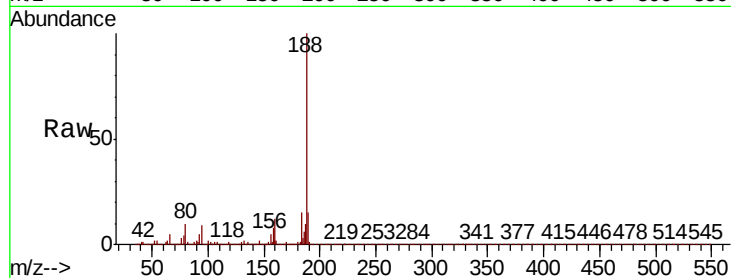




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

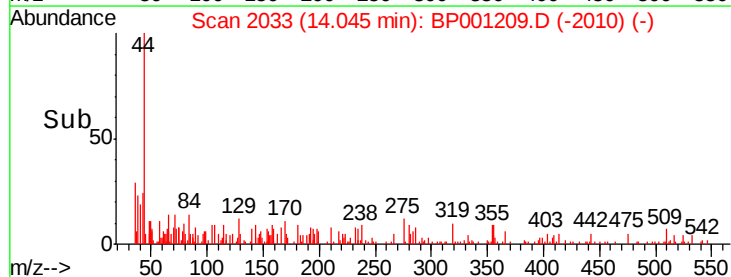
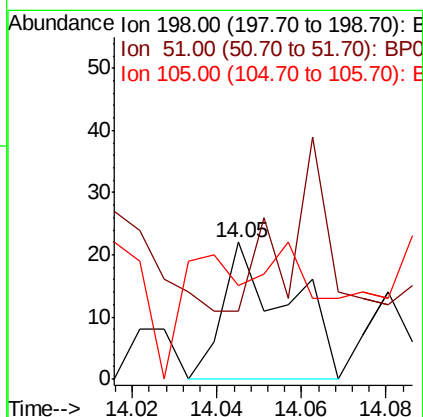
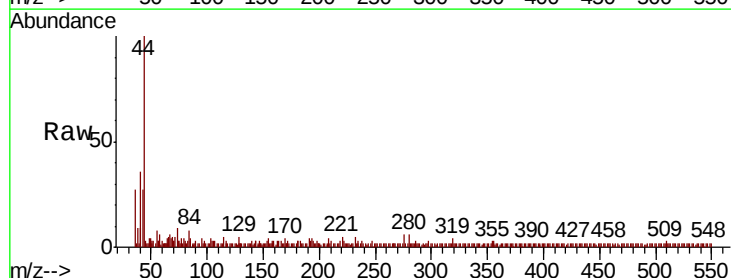
Instrument :
BNA_P
ClientSampleId :
PB125030BL

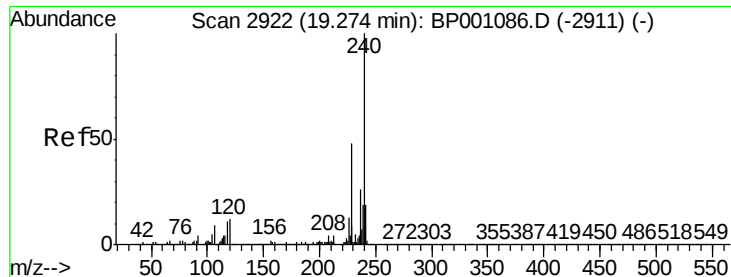
Tot Ion:188 Resp: 313254
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 10.3 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 6.292 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.16 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
51 50.0 36.2 76.2
105 68.2 30.2 70.2

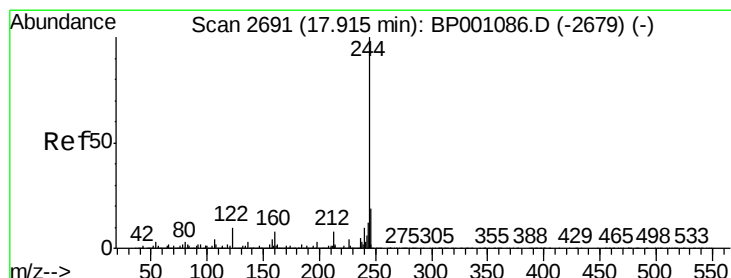
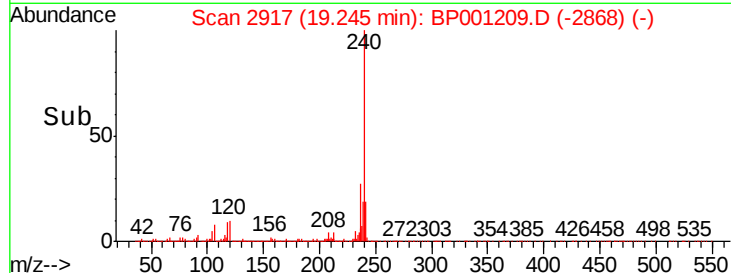
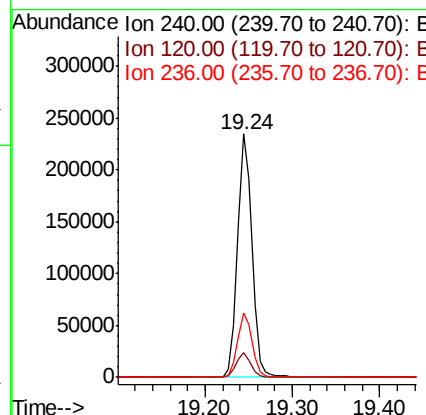
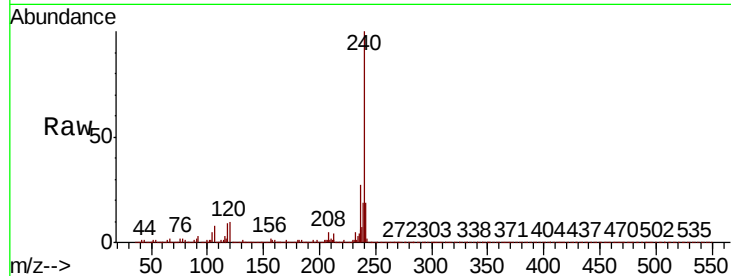




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

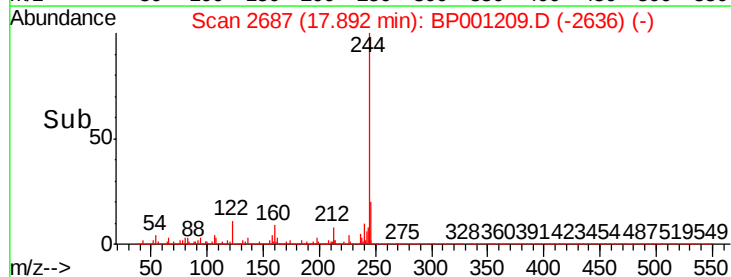
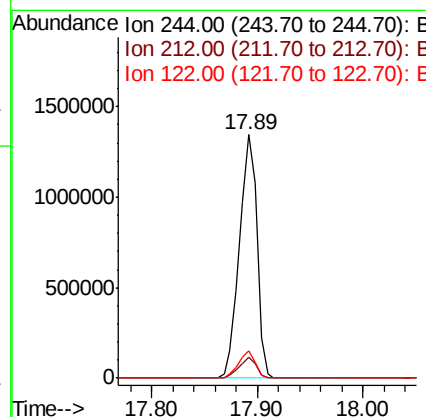
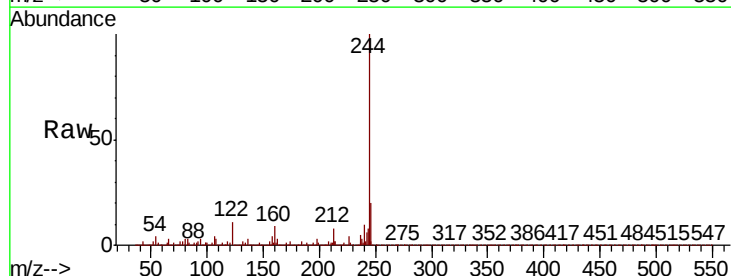
Instrument :
BNA_P
ClientSampleId :
PB125030BL

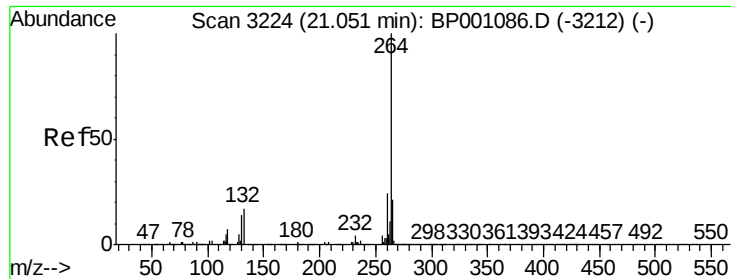
Tot Ion:240 Resp: 260706
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.6
236 26.6 21.7 32.5



#79
Terphenyl-d14
Concen: 108.362 ng
RT: 17.89 min Scan# 2687
Delta R.T. -0.00 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Tgt Ion:244 Resp: 1526985
Ion Ratio Lower Upper
244 100
212 8.4 6.6 9.8
122 11.4 9.2 13.8

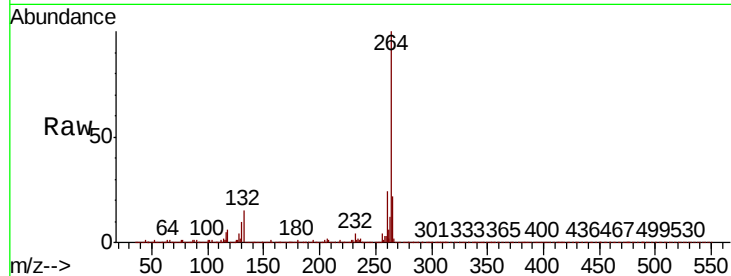




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Instrument :
BNA_P
ClientSampleId :
PB125030BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.8	17.1	25.7



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

