

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
 Data File : BP001020.D
 Acq On : 11 Nov 2019 17:12
 Operator : JU
 Sample : K5760-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 12 04:15:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

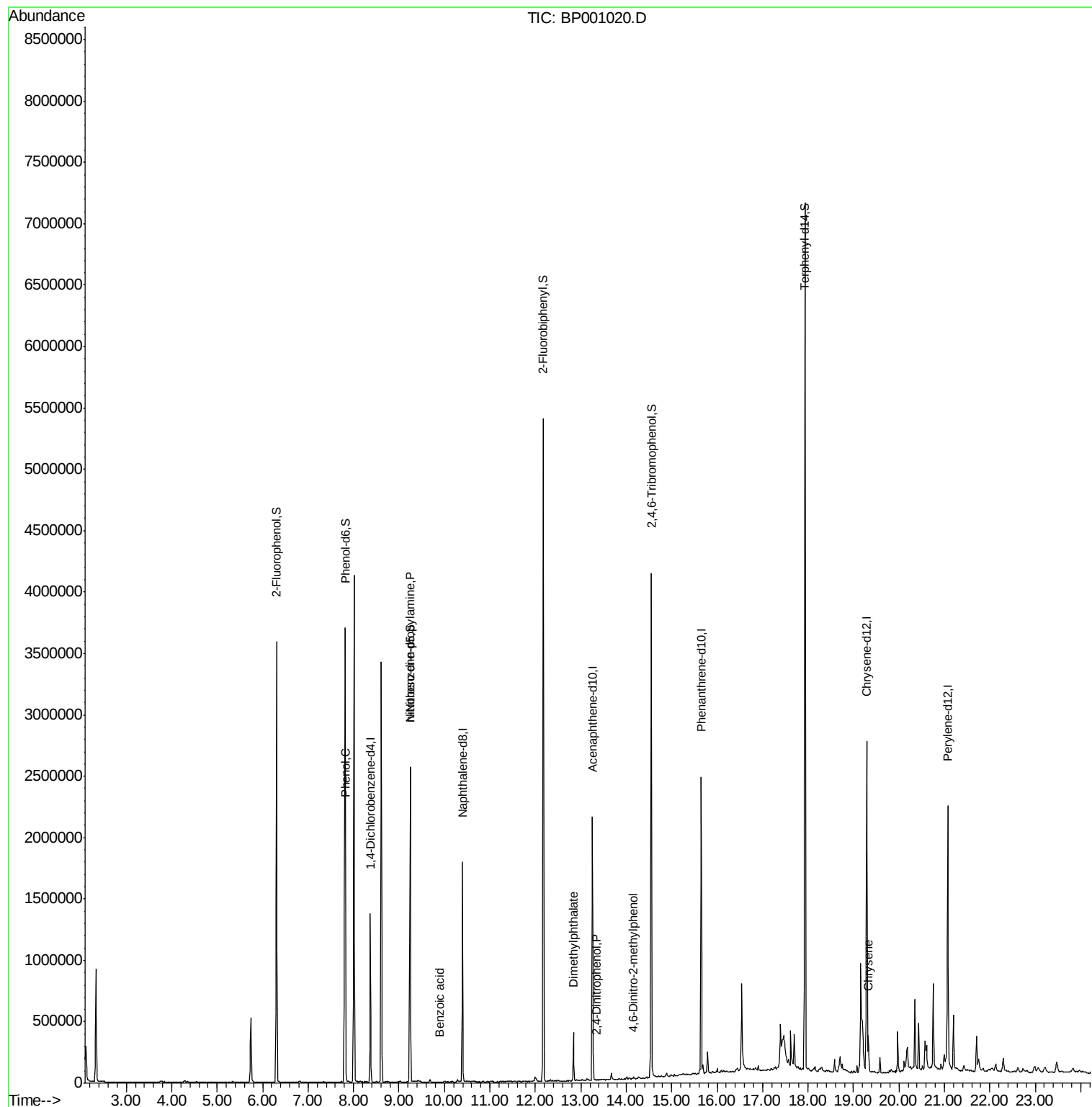
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	269632	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	990975	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	593037	20.00	ng	-0.01
64) Phenanthrene-d10	15.65	188	1178042	20.00	ng	0.00
76) Chrysene-d12	19.29	240	1034851	20.00	ng	0.00
87) Perylene-d12	21.07	264	1099057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	1336668	90.23	ng	0.00
7) Phenol-d6	7.82	99	1770617	94.52	ng	0.00
23) Nitrobenzene-d5	9.25	82	1089566	60.82	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	710079	100.30	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	2268095	57.60	ng	-0.01
79) Terphenyl-d14	17.93	244	3013273	57.92	ng	0.00
Target Compounds						
10) Phenol	7.83	94	120894	5.900	ng	94
19) n-Nitroso-di-n-propylamine	9.25	70	145939	12.974	ng	# 78
32) Benzoic acid	9.90	122	41	7.672	ng	96
50) Dimethylphthalate	12.84	163	197314	4.500	ng	99
54) 2,4-Dinitrophenol	13.36	184	4	8.309	ng	# 1
65) 4,6-Dinitro-2-methylphenol	14.17	198	55	9.893	ng	# 1
83) Chrysene	19.32	228	122706	2.005	ng	97

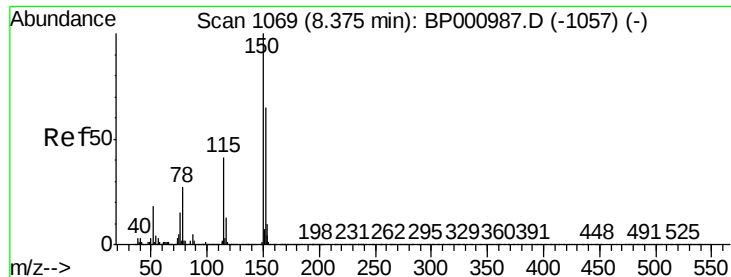
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BP001020.D

Acq: 11 Nov 2019 17:12

Instrument :

BNA_P

ClientSampleId :

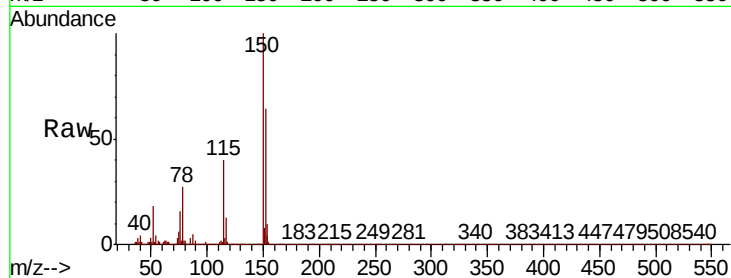
Tot Ion:152 Resp: 269632

Ion Ratio Lower Upper

152 100

150 157.0 123.6 185.4

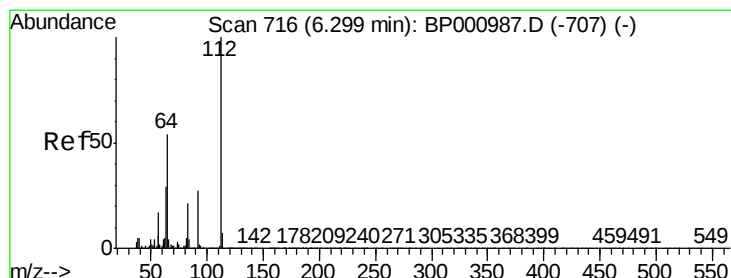
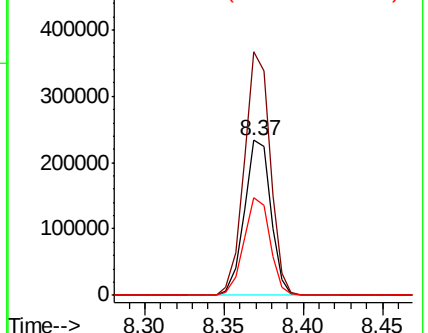
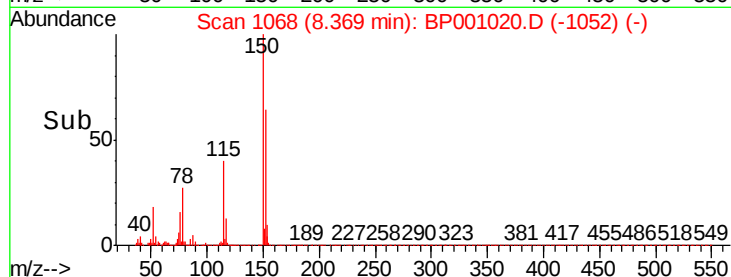
115 63.2 50.1 75.1



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: 90.233 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BP001020.D

Acq: 11 Nov 2019 17:12

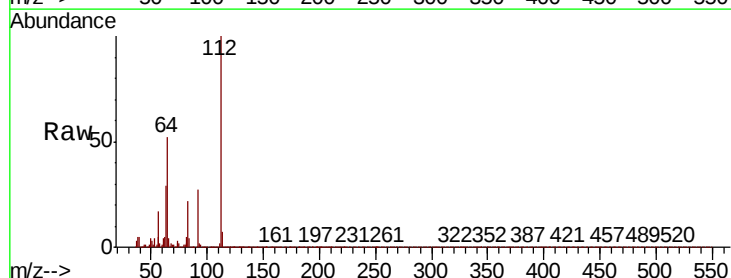
Tgt Ion:112 Resp: 1336668

Ion Ratio Lower Upper

112 100

64 52.3 43.4 65.0

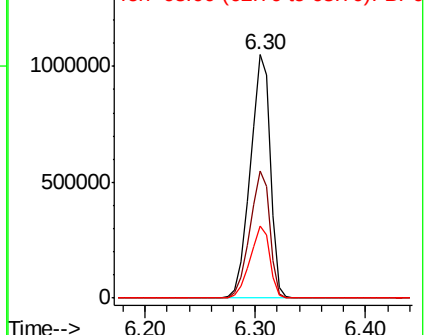
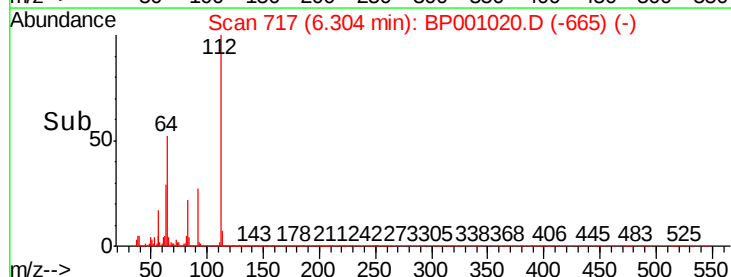
63 29.5 23.4 35.0

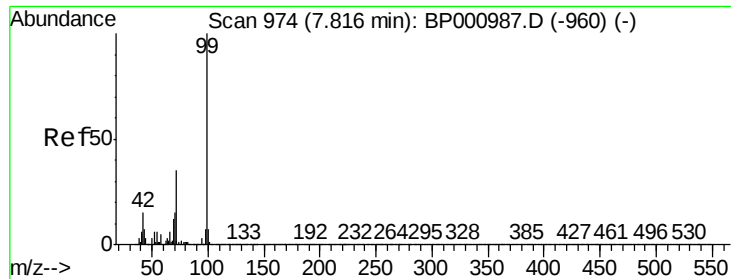


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 94.521 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001020.D

Acq: 11 Nov 2019 17:12

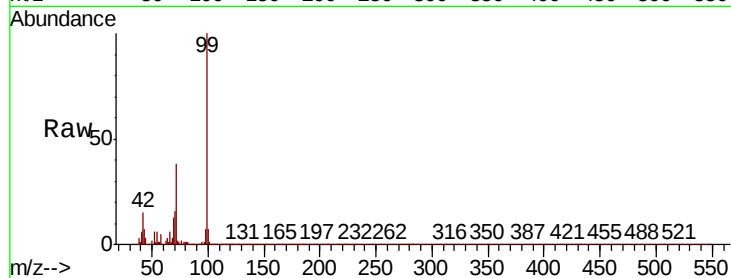
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1770617

Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.6	17.4
71	38.3	28.0	42.0

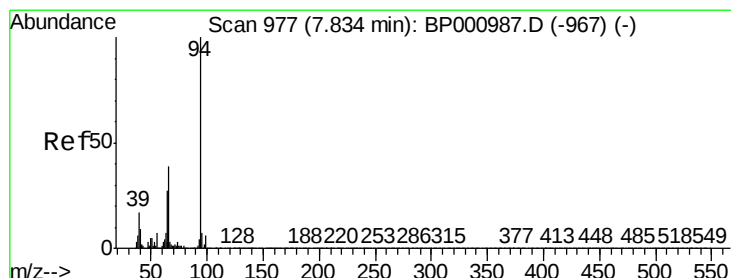
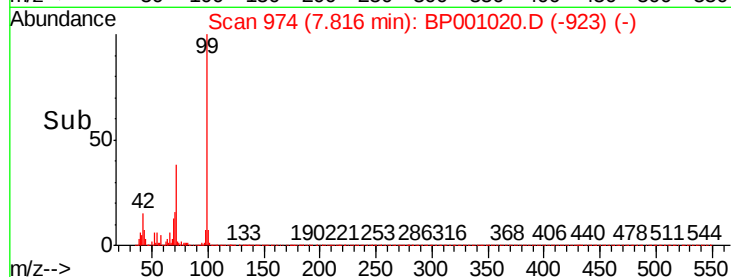
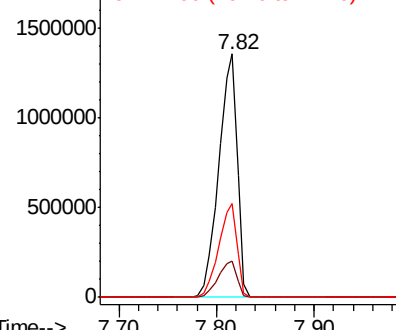


Abundance

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: 5.900 ng

RT: 7.83 min Scan# 976

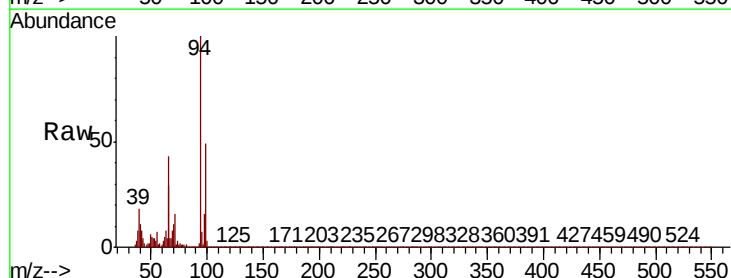
Delta R.T. -0.01 min

Lab File: BP001020.D

Acq: 11 Nov 2019 17:12

Tgt Ion: 94 Resp: 120894

Ion	Ratio	Lower	Upper
94	100		
65	29.3	6.7	46.7
66	43.0	18.6	58.6

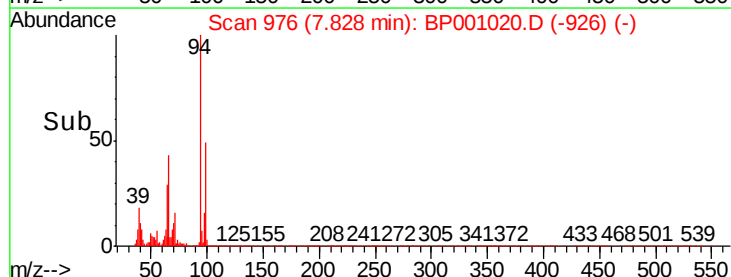
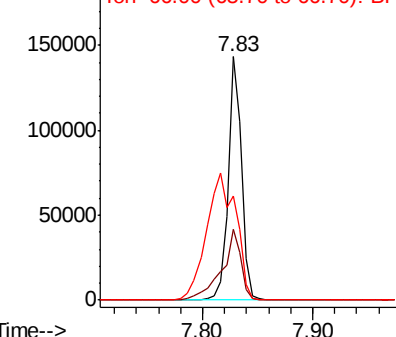


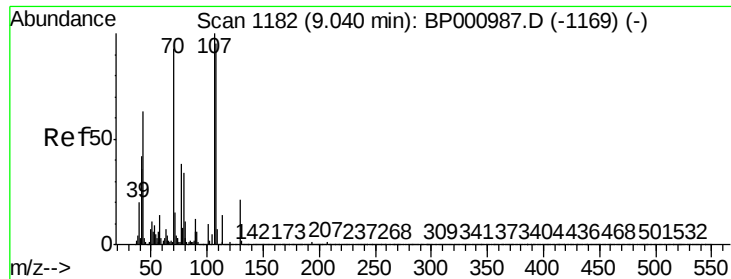
Abundance

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

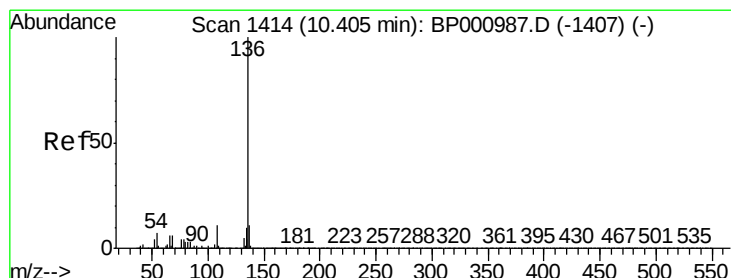
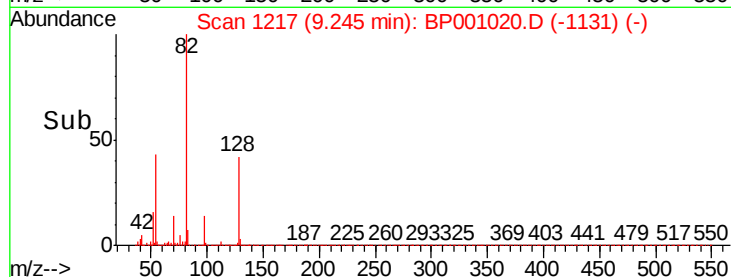
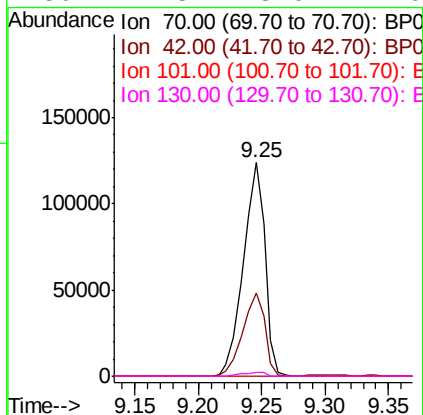
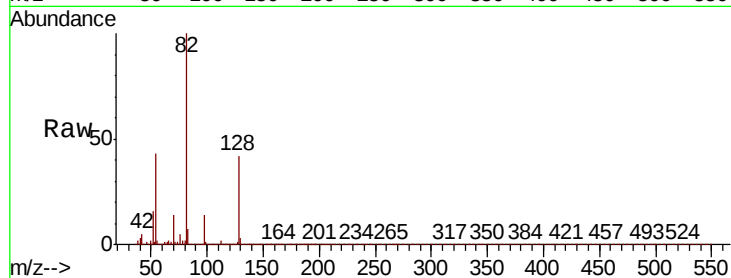




#19
n-Nitroso-di-n-propylamine
Concen: 12.974 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.21 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

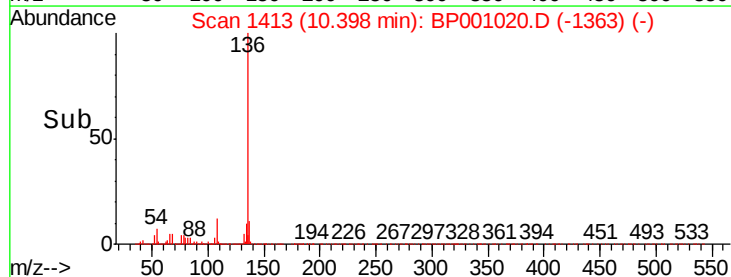
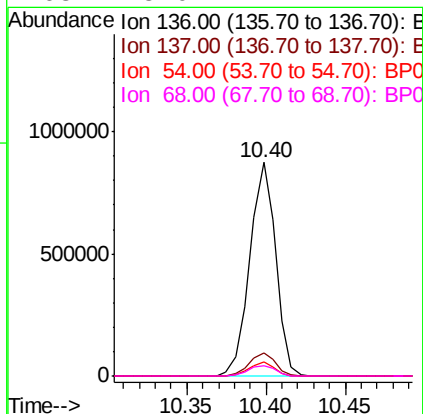
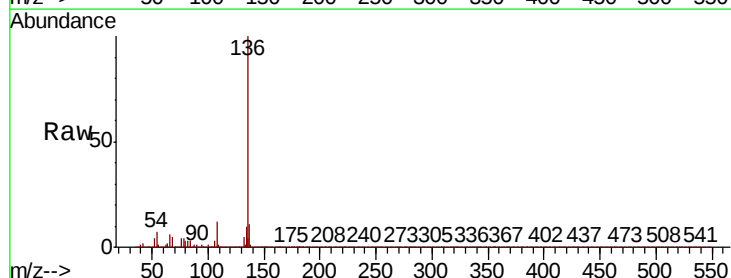
Instrument :
BNA_P
ClientSampled :

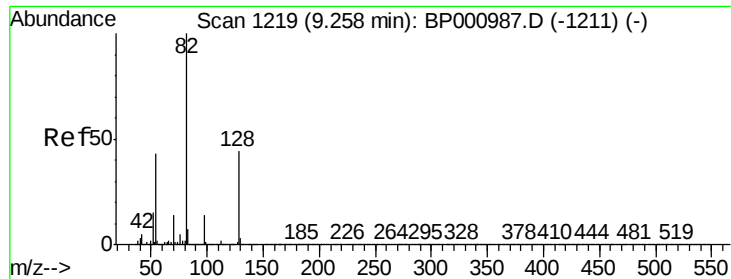
Tot Ion	Ratio	Lower	Upper
70	100		
42	39.2	36.3	54.5
101	0.1	8.7	13.1#
130	1.8	18.0	27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.6	5.4	8.2
68	5.0	4.7	7.1

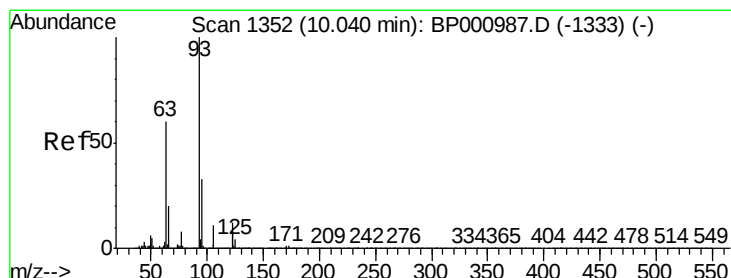
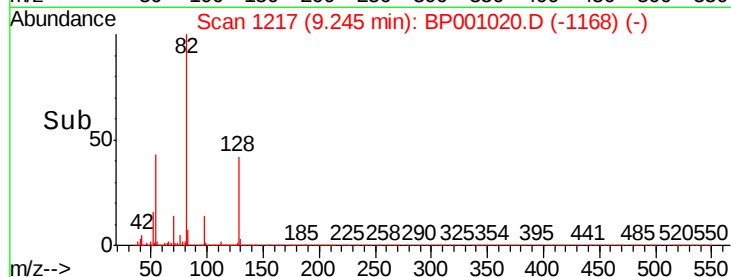
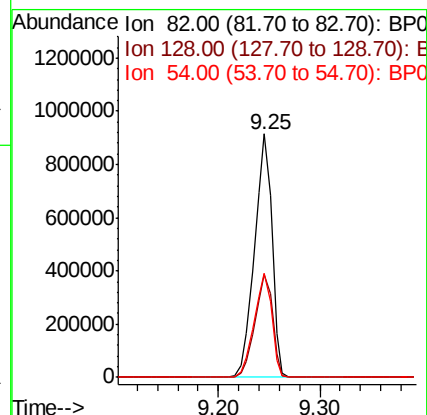
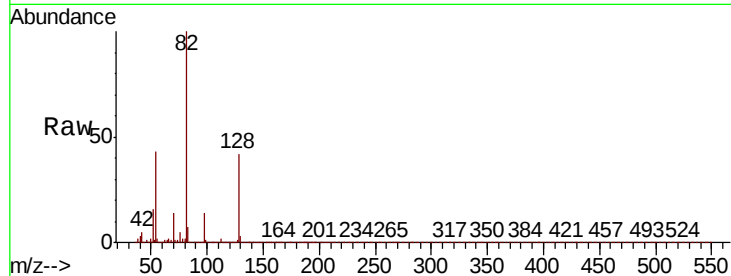




#23
 Nitrobenzene-d5
 Concen: 60.820 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BP001020.D
 Acq: 11 Nov 2019 17:12

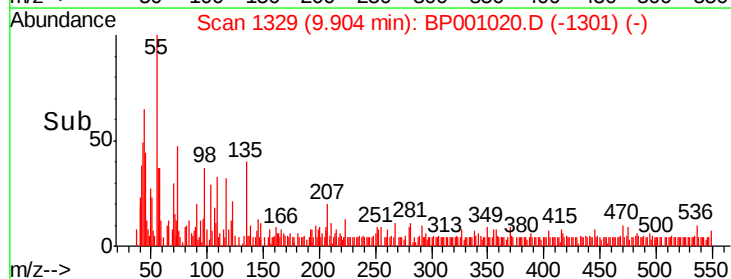
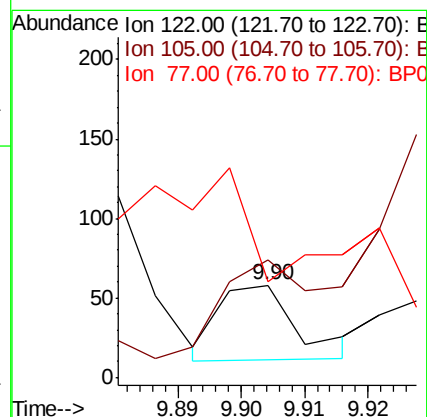
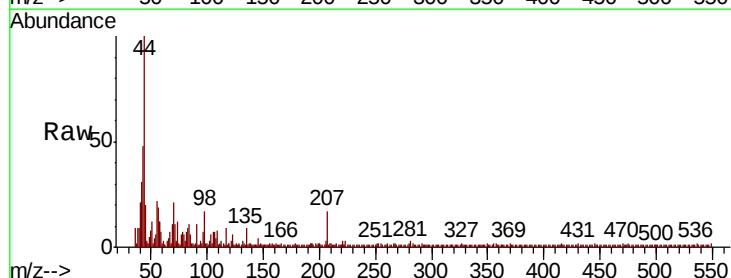
Instrument :
 BNA_P
 ClientSampleId :

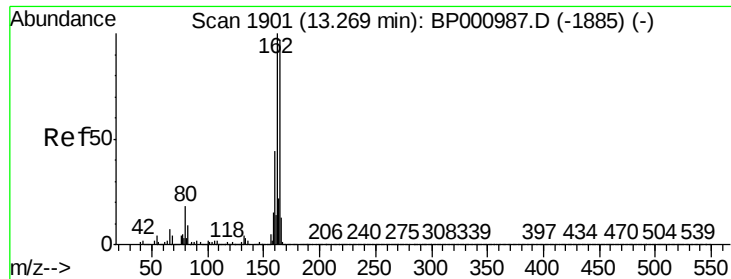
Tot Ion: 82 Resp: 1089566
 Ion Ratio Lower Upper
 82 100
 128 42.0 35.3 52.9
 54 42.8 34.3 51.5



#32
 Benzoic acid
 Concen: 7.672 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.13 min
 Lab File: BP001020.D
 Acq: 11 Nov 2019 17:12

Tgt Ion:122 Resp: 41
 Ion Ratio Lower Upper
 122 100
 105 127.6 110.5 150.5
 77 103.4 77.9 117.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BP001020.D

Acq: 11 Nov 2019 17:12

Instrument :

BNA_P

ClientSampleId :

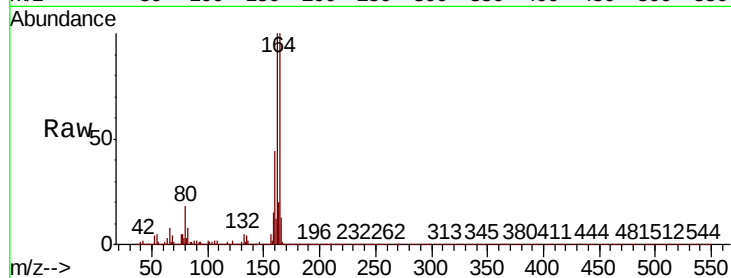
Tot Ion:164 Resp: 593037

Ion Ratio Lower Upper

164 100

162 100.3 82.6 123.8

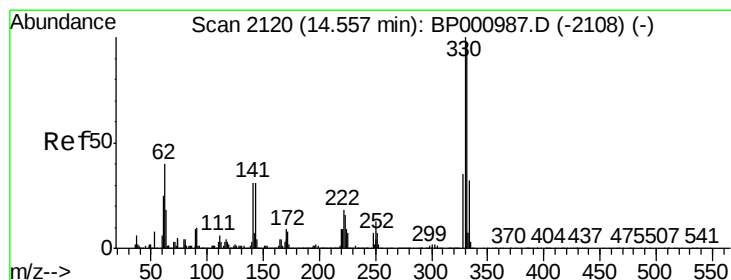
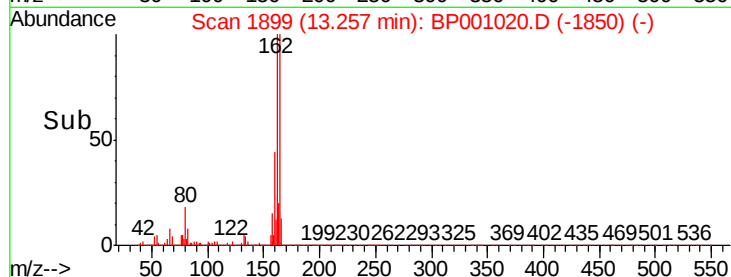
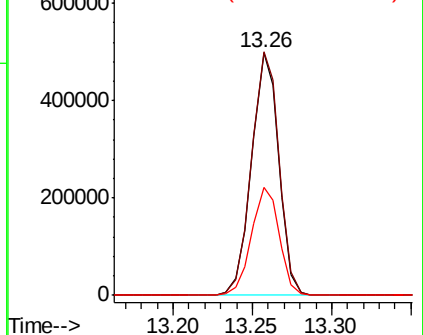
160 44.5 36.5 54.7



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: 100.301 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BP001020.D

Acq: 11 Nov 2019 17:12

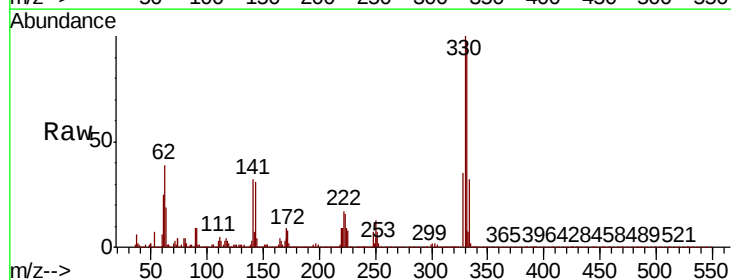
Tgt Ion:330 Resp: 710079

Ion Ratio Lower Upper

330 100

332 96.7 78.3 117.5

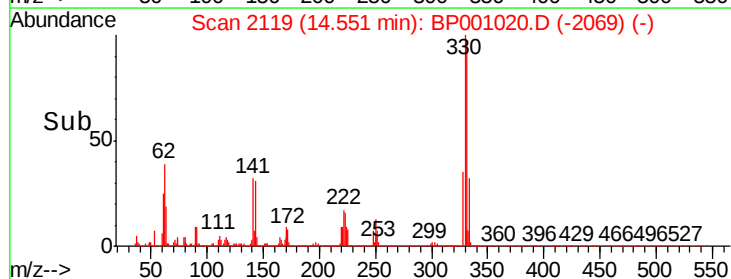
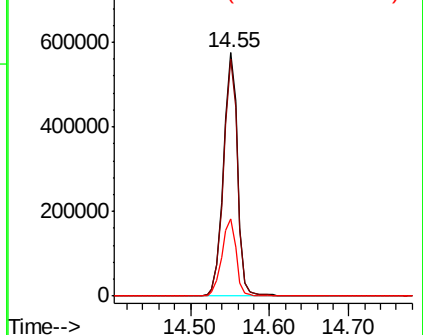
141 31.9 25.0 37.4

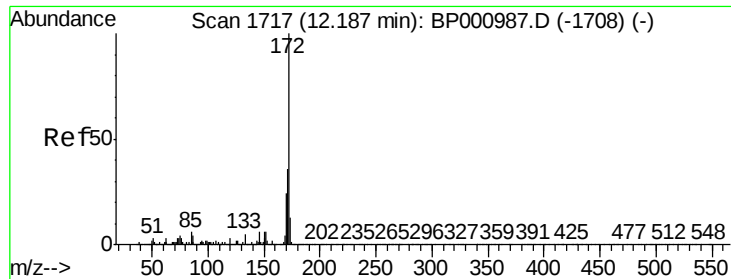


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

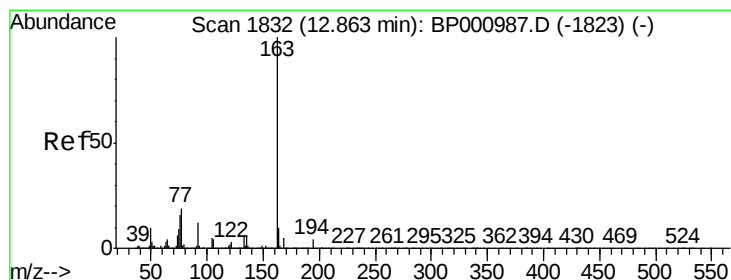
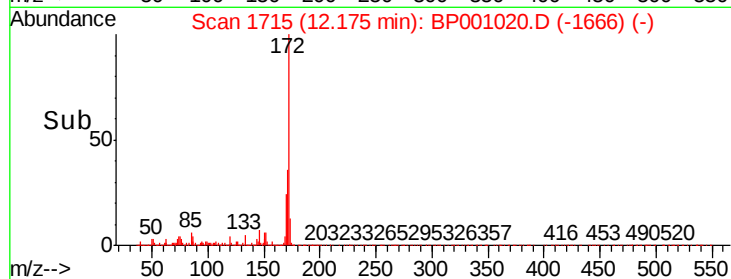
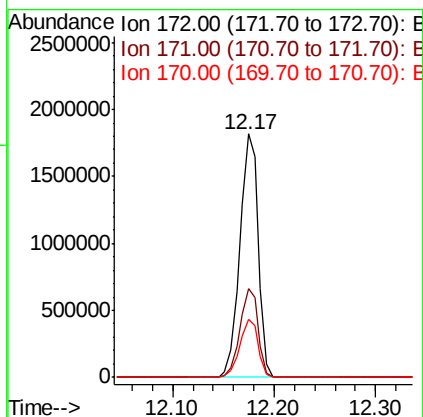
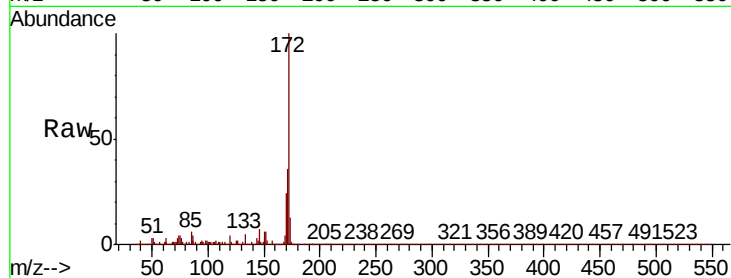




#45
2-Fluorobiphenyl
Concen: 57.601 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

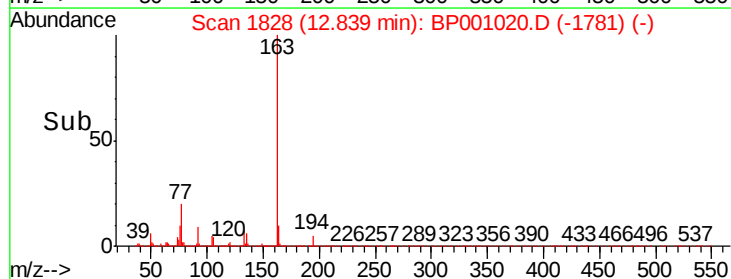
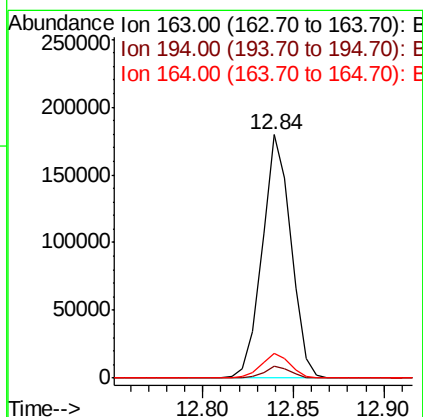
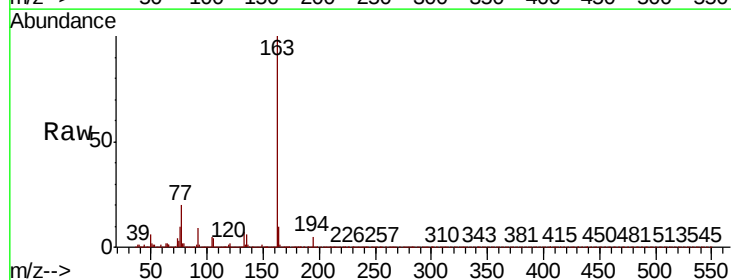
Instrument :
BNA_P
ClientSampled :

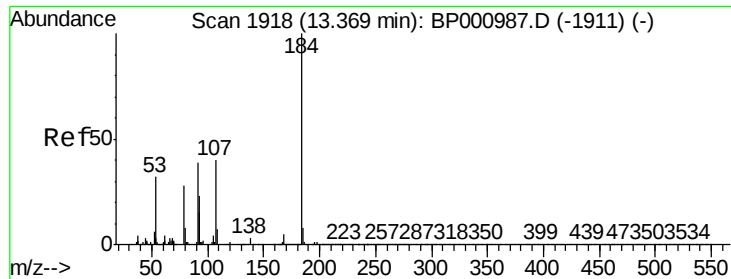
Tot Ion:172 Resp: 2268095
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 23.9 18.9 28.3



#50
Dimethylphthalate
Concen: 4.500 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Tgt Ion:163 Resp: 197314
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 10.3 7.9 11.9

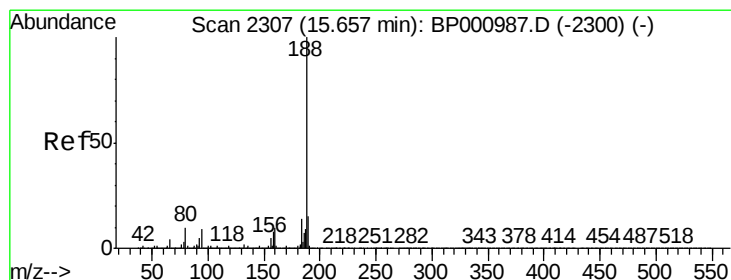
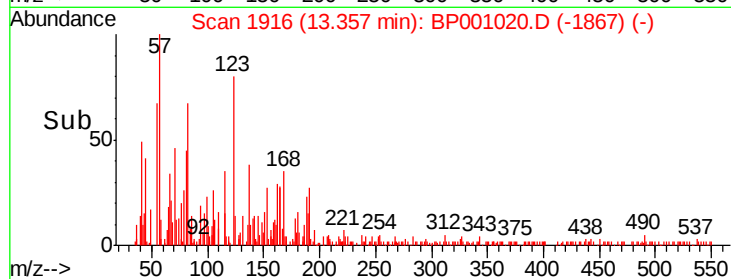
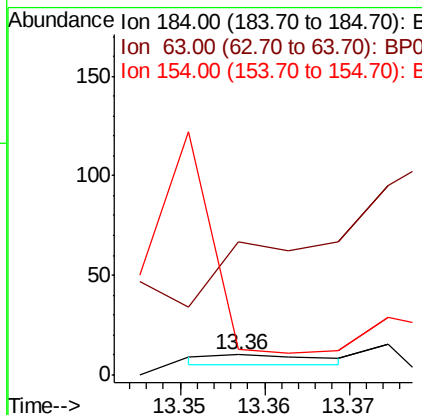
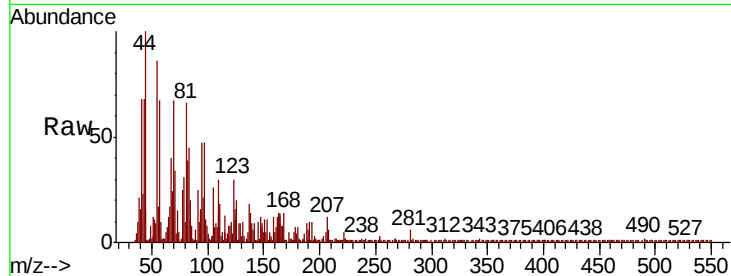




#54
2,4-Dinitrophenol
Concen: 8.309 ng
RT: 13.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

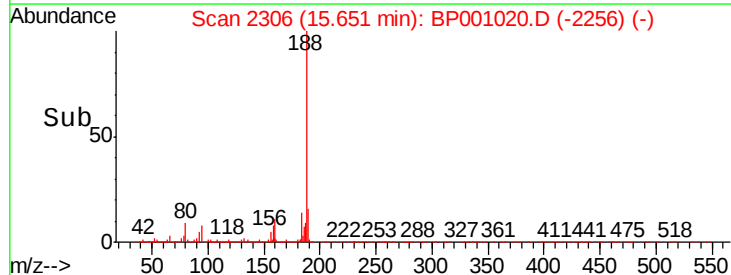
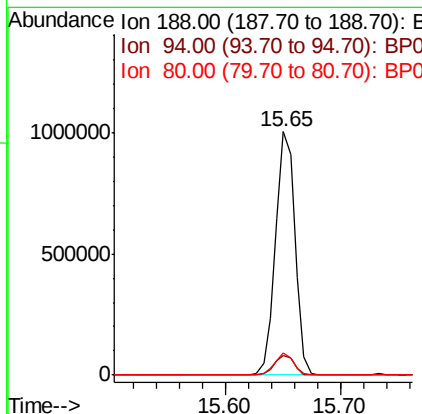
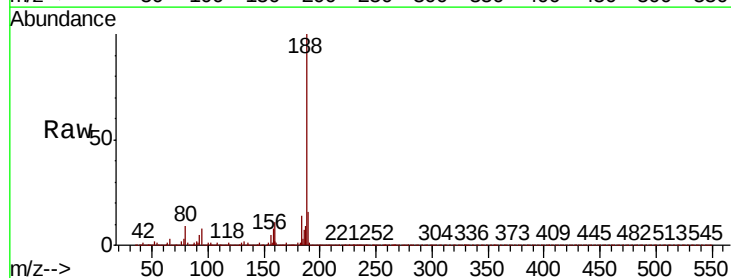
Instrument :
BNA_P
ClientSampleId :

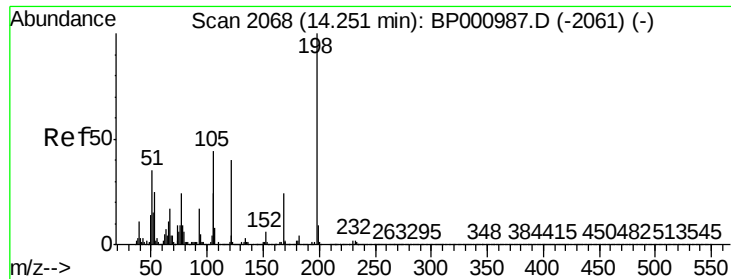
Tot Ion:184 Resp: 4
Ion Ratio Lower Upper
184 100
63 670.0 41.0 61.6#
154 130.0 48.1 72.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Tgt Ion:188 Resp: 1178042
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.0 7.9 11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 9.893 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.08 min

Lab File: BP001020.D

Acq: 11 Nov 2019 17:12

Instrument :

BNA_P

ClientSampleId :

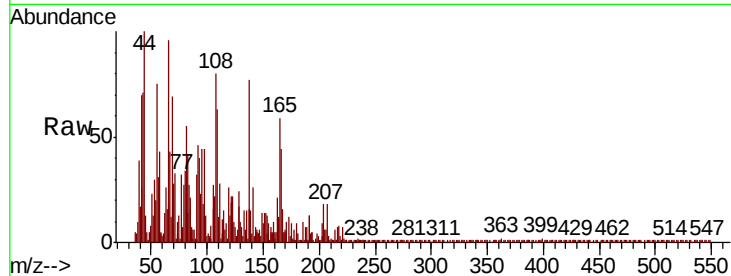
Tot Ion:198 Resp: 55

Ion Ratio Lower Upper

198 100

51 542.9 16.0 56.0#

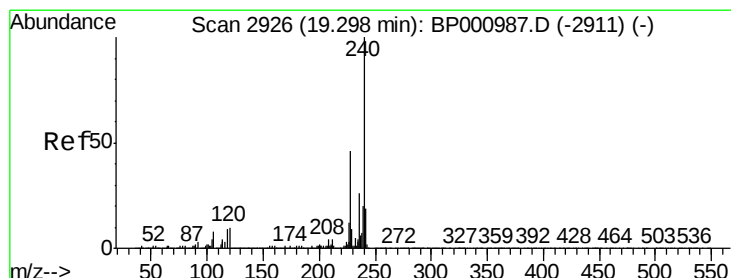
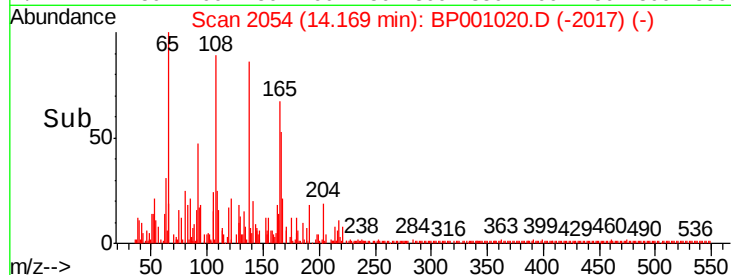
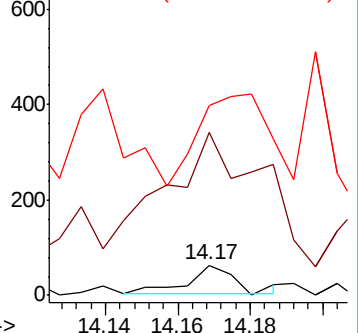
105 633.3 24.9 64.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.29 min Scan# 2925

Delta R.T. -0.01 min

Lab File: BP001020.D

Acq: 11 Nov 2019 17:12

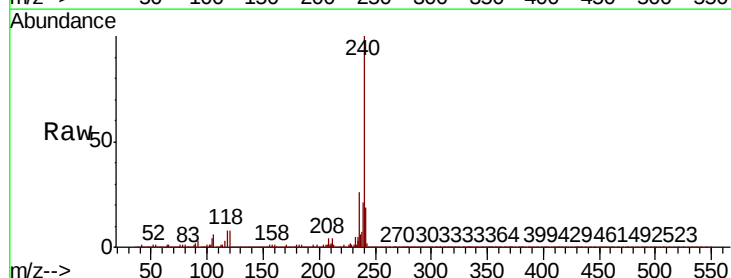
Tgt Ion:240 Resp: 1034851

Ion Ratio Lower Upper

240 100

120 8.3 8.2 12.2

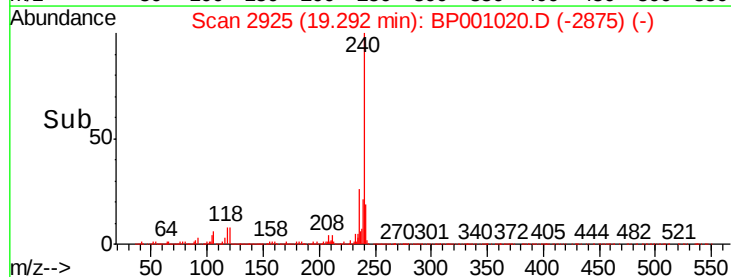
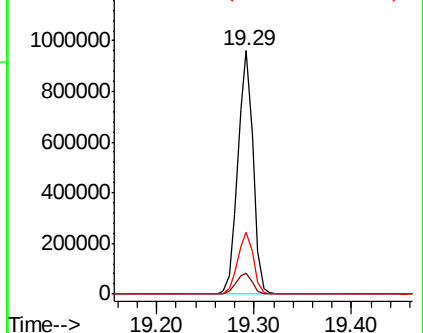
236 25.6 20.5 30.7

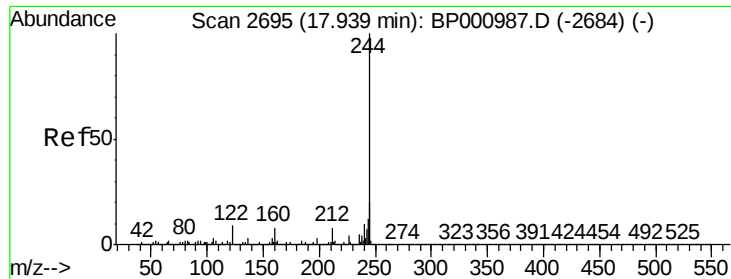


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 57.920 ng

RT: 17.93 min Scan# 2694

Delta R.T. -0.01 min

Lab File: BP001020.D

Acq: 11 Nov 2019 17:12

Instrument :

BNA_P

ClientSampleId :

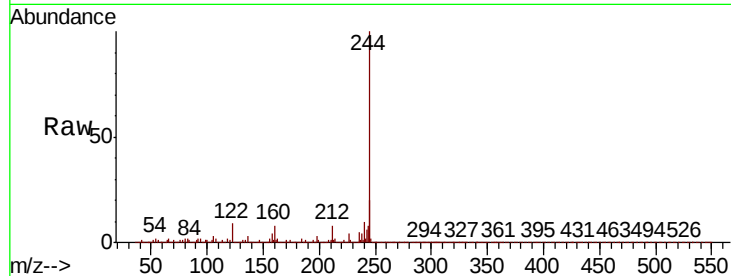
Tot Ion:244 Resp: 3013273

Ion Ratio Lower Upper

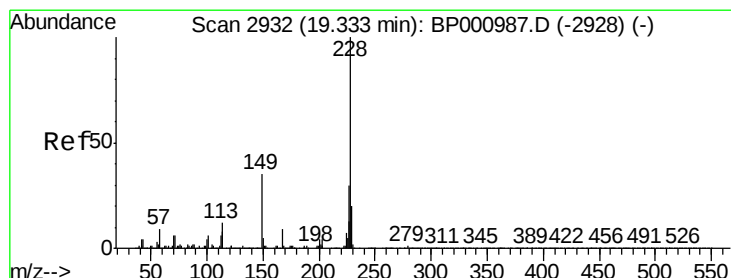
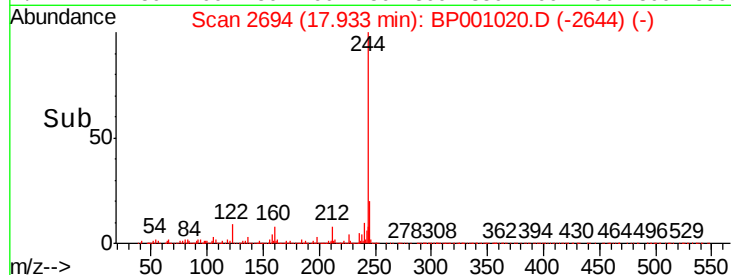
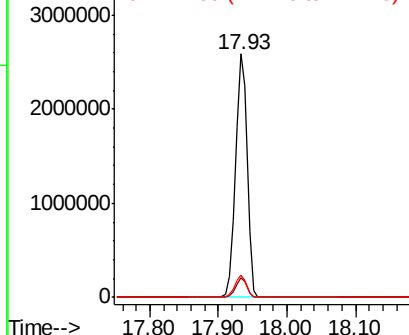
244 100

212 7.9 6.0 9.0

122 9.3 7.4 11.2



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



#83

Chrysene

Concen: 2.005 ng

RT: 19.32 min Scan# 2930

Delta R.T. -0.01 min

Lab File: BP001020.D

Acq: 11 Nov 2019 17:12

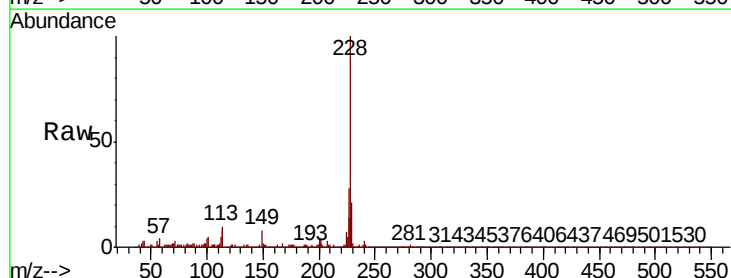
Tgt Ion:228 Resp: 122706

Ion Ratio Lower Upper

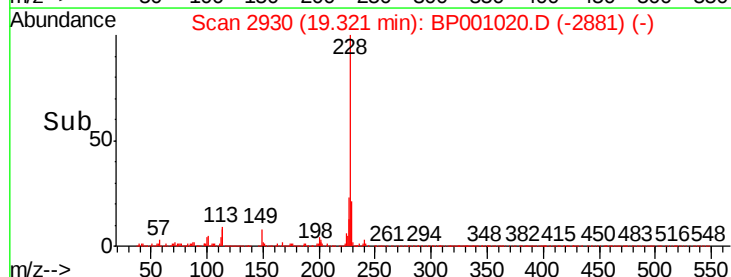
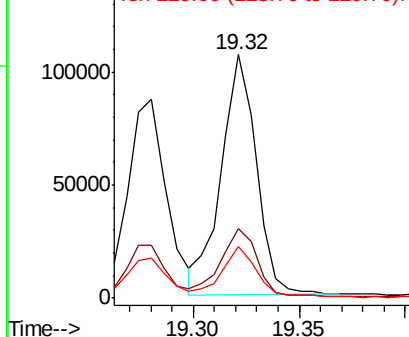
228 100

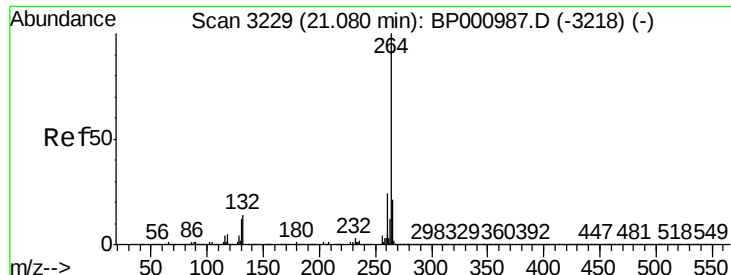
226 28.4 24.2 36.2

229 21.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



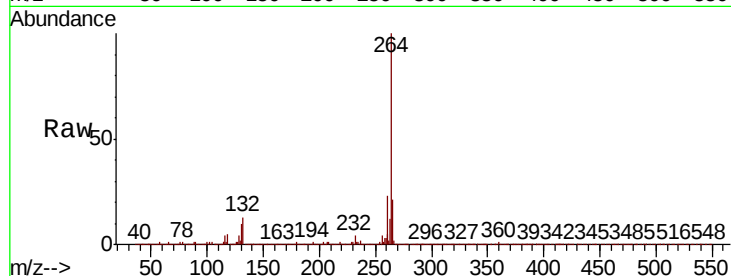


#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BP001020.D
Acq: 11 Nov 2019 17:12

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 264 Resp: 1099057

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	21.1	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

