

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
 Data File : BP001021.D
 Acq On : 11 Nov 2019 17:41
 Operator : JU
 Sample : K5760-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 12 04:15:25 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

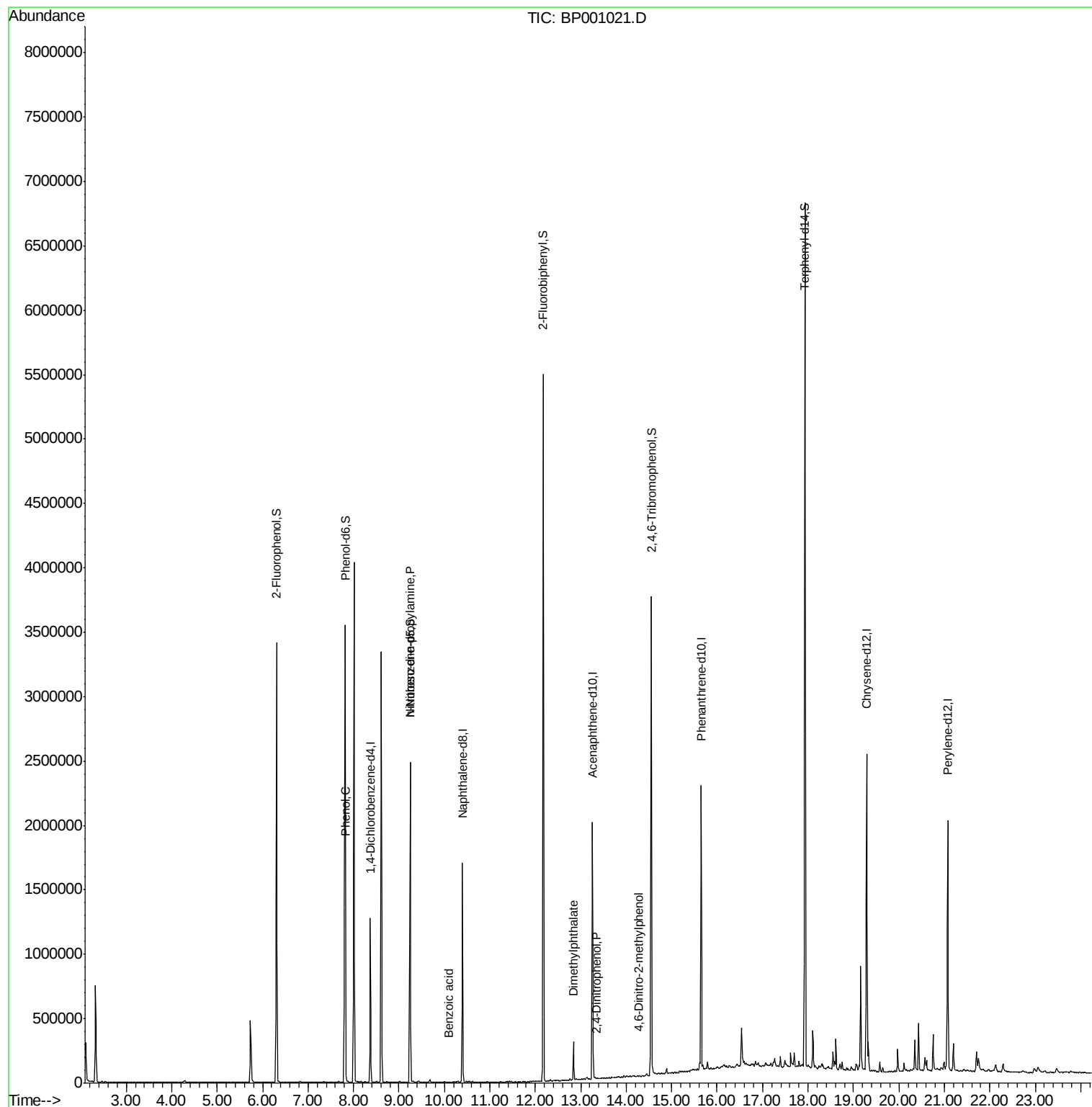
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	252813	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	932012	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	542484	20.00	ng	-0.01
64) Phenanthrene-d10	15.65	188	1086222	20.00	ng	0.00
76) Chrysene-d12	19.29	240	992742	20.00	ng	0.00
87) Perylene-d12	21.07	264	1056604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	1269185	91.38	ng	0.00
7) Phenol-d6	7.82	99	1671209	95.15	ng	0.00
23) Nitrobenzene-d5	9.25	82	1033049	61.31	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	653744	100.95	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	2157545	59.90	ng	-0.01
79) Terphenyl-d14	17.93	244	2818099	56.47	ng	0.00
Target Compounds						
10) Phenol	7.83	94	96973	5.048	ng	91
19) n-Nitroso-di-n-propylamine	9.25	70	137326	13.021	ng	# 78
32) Benzoic acid	10.10	122	94	7.679	ng	95
50) Dimethylphthalate	12.84	163	146314	3.647	ng	99
54) 2,4-Dinitrophenol	13.35	184	12	8.312	ng	# 1
65) 4,6-Dinitro-2-methylphenol	14.27	198	53	9.894	ng	# 1

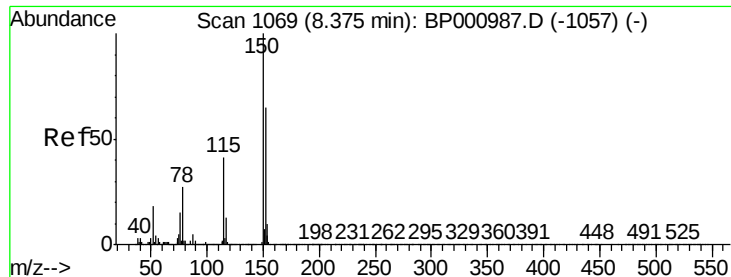
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001021.D

Acq: 11 Nov 2019 17:41

Instrument :

BNA_P

ClientSampleId :

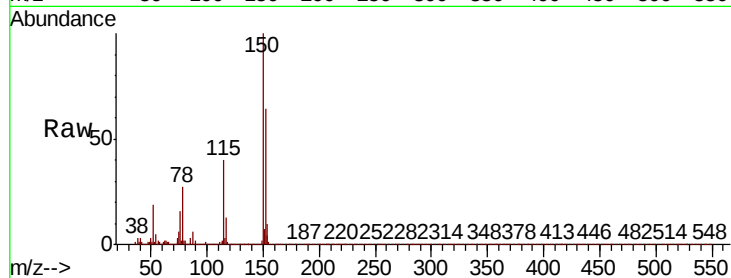
Tot Ion:152 Resp: 252813

Ion Ratio Lower Upper

152 100

150 156.2 123.6 185.4

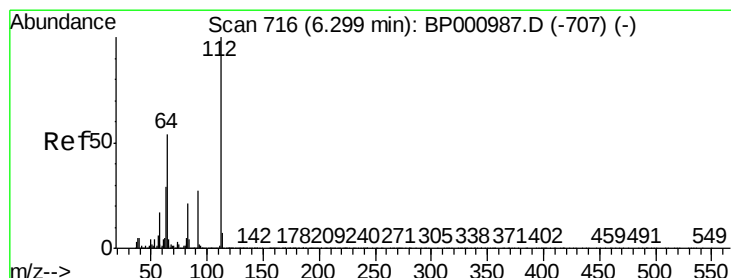
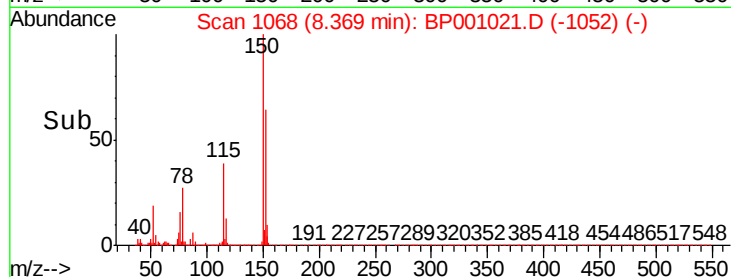
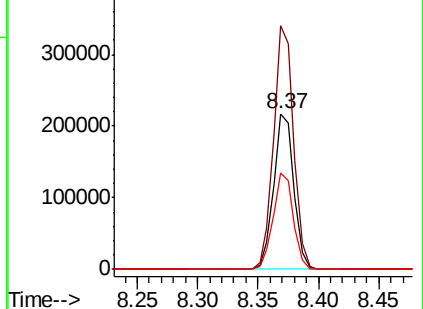
115 61.7 50.1 75.1



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: 91.377 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BP001021.D

Acq: 11 Nov 2019 17:41

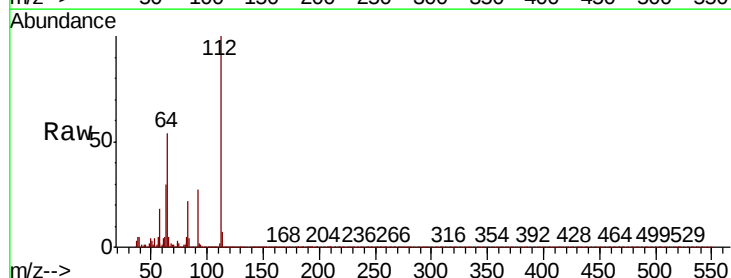
Tgt Ion:112 Resp: 1269185

Ion Ratio Lower Upper

112 100

64 53.9 43.4 65.0

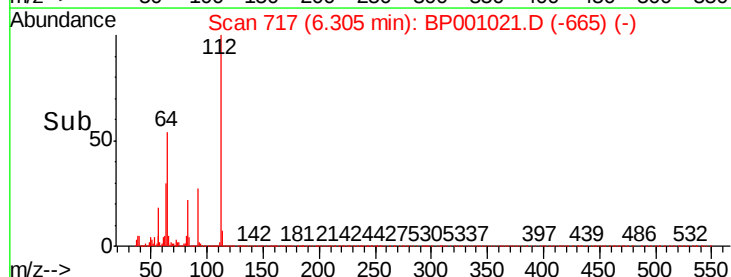
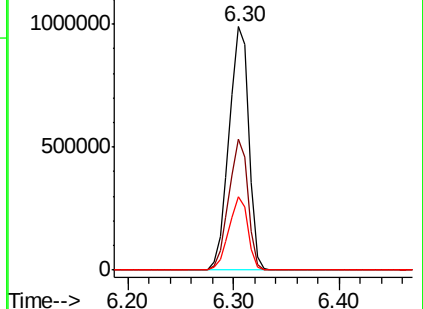
63 30.0 23.4 35.0

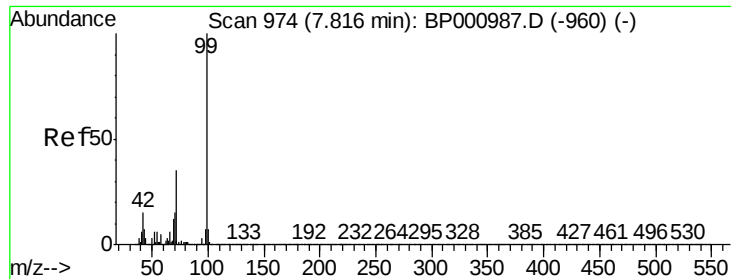


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 95.149 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001021.D

Acq: 11 Nov 2019 17:41

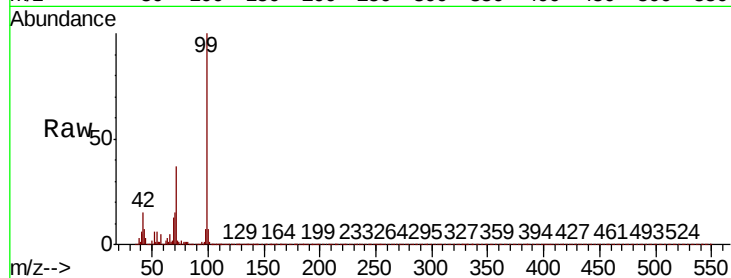
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1671209

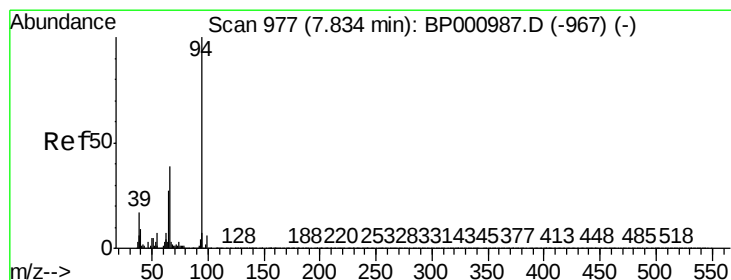
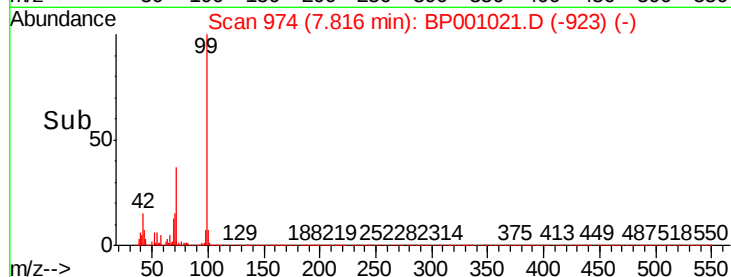
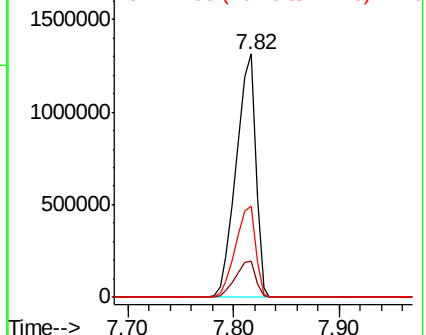
Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.6	17.4
71	37.4	28.0	42.0



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: 5.048 ng

RT: 7.83 min Scan# 976

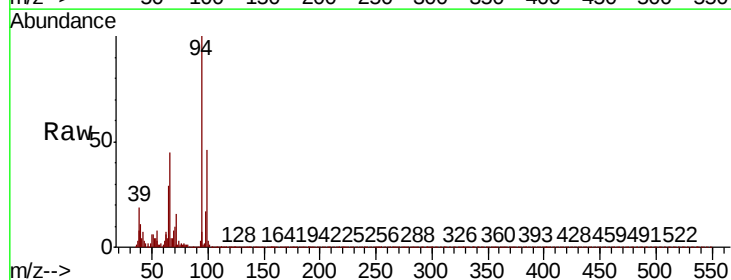
Delta R.T. -0.01 min

Lab File: BP001021.D

Acq: 11 Nov 2019 17:41

Tgt Ion: 94 Resp: 96973

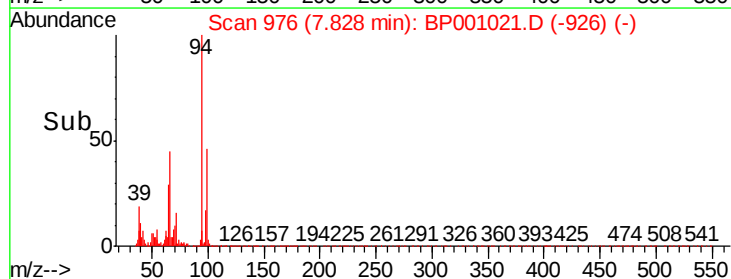
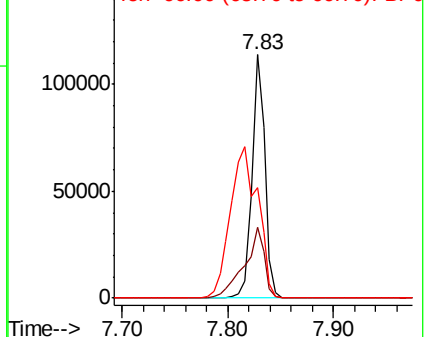
Ion	Ratio	Lower	Upper
94	100		
65	29.3	6.7	46.7
66	45.3	18.6	58.6

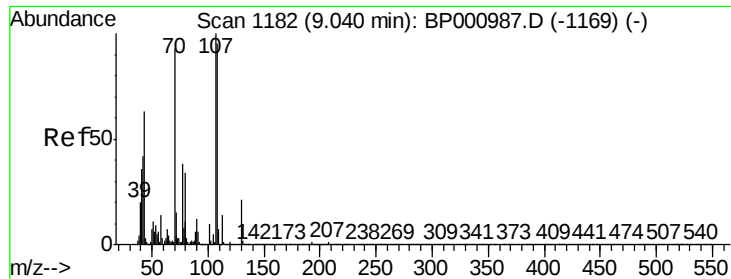


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

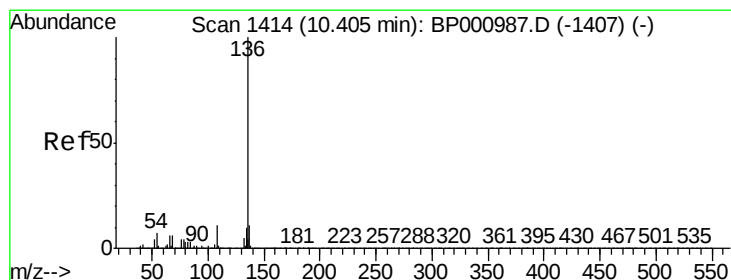
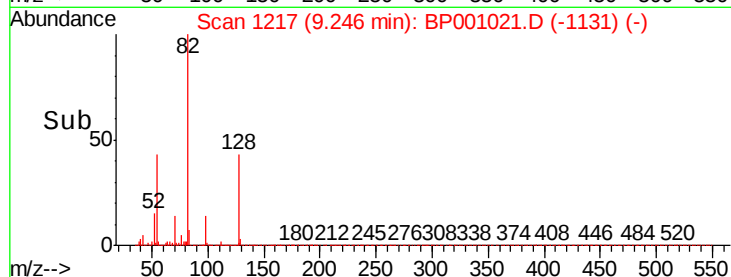
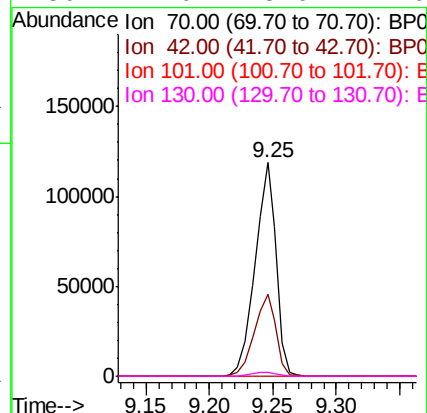
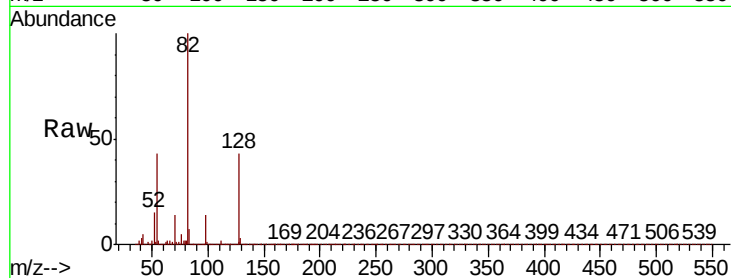




#19
n-Nitroso-di-n-propylamine
Concen: 13.021 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.21 min
Lab File: BP001021.D
Acq: 11 Nov 2019 17:41

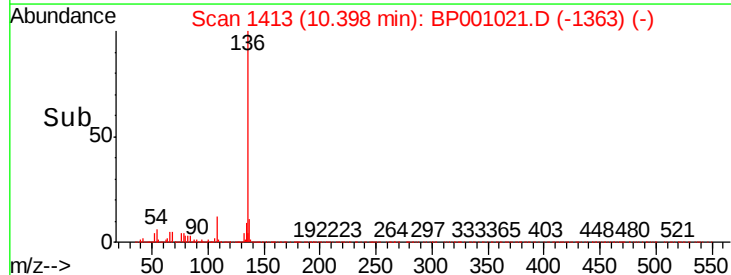
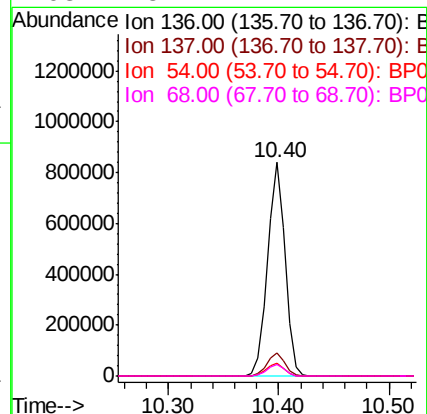
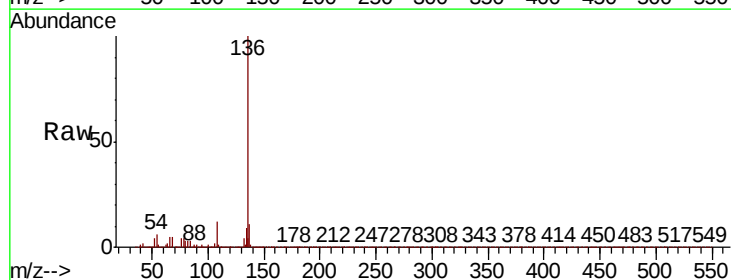
Instrument :
BNA_P
ClientSampleId :

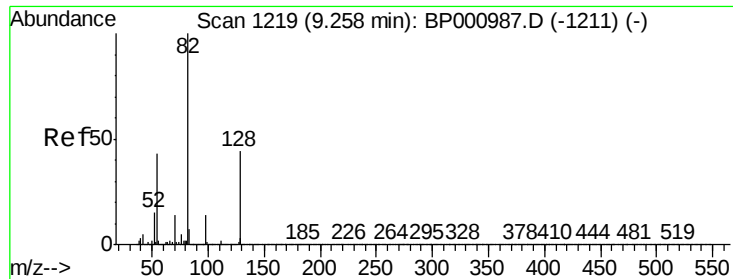
Tot Ion: 70 Resp: 137326
Ion Ratio Lower Upper
70 100
42 38.6 36.3 54.5
101 0.0 8.7 13.1#
130 2.0 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001021.D
Acq: 11 Nov 2019 17:41

Tgt Ion: 136 Resp: 932012
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 6.2 5.4 8.2
68 5.2 4.7 7.1

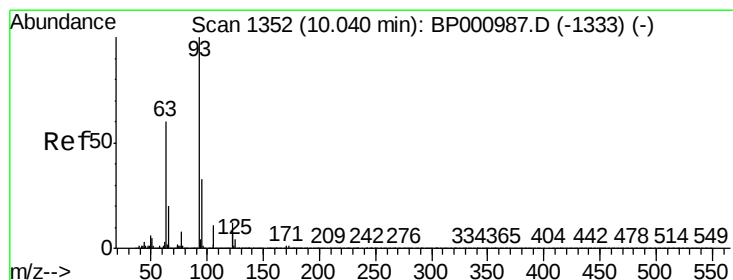
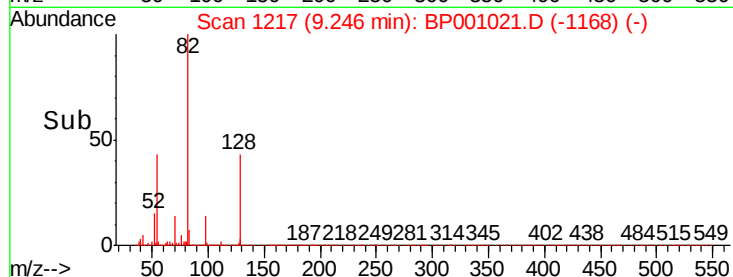
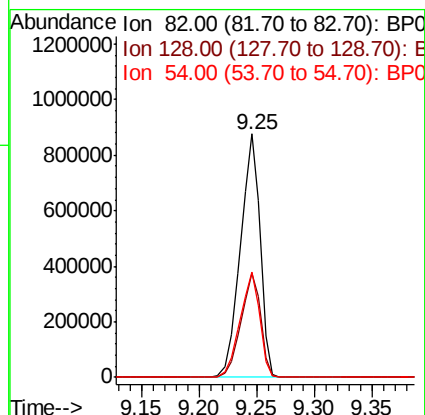
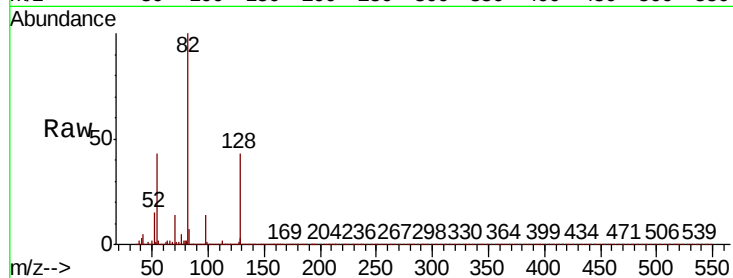




#23
 Nitrobenzene-d5
 Concen: 61.313 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BP001021.D
 Acq: 11 Nov 2019 17:41

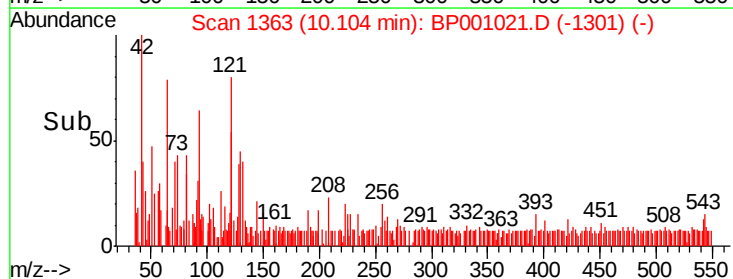
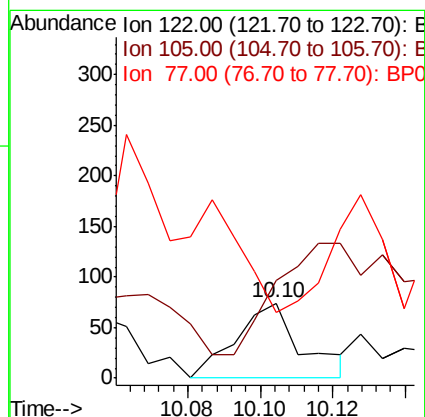
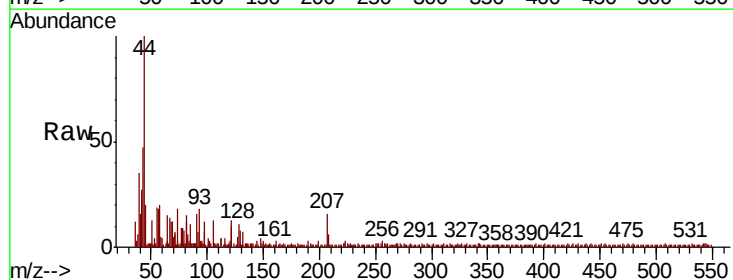
Instrument :
 BNA_P
 ClientSampled :

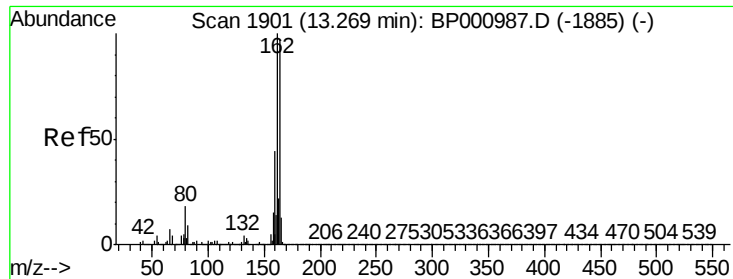
Tot Ion: 82 Resp: 1033049
 Ion Ratio Lower Upper
 82 100
 128 42.7 35.3 52.9
 54 43.5 34.3 51.5



#32
 Benzoic acid
 Concen: 7.679 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.07 min
 Lab File: BP001021.D
 Acq: 11 Nov 2019 17:41

Tgt Ion: 122 Resp: 94
 Ion Ratio Lower Upper
 122 100
 105 131.1 110.5 150.5
 77 87.8 77.9 117.9

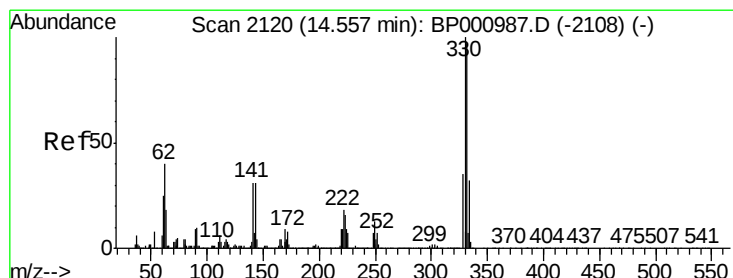
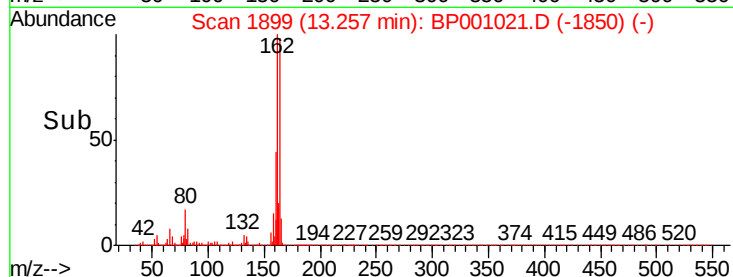
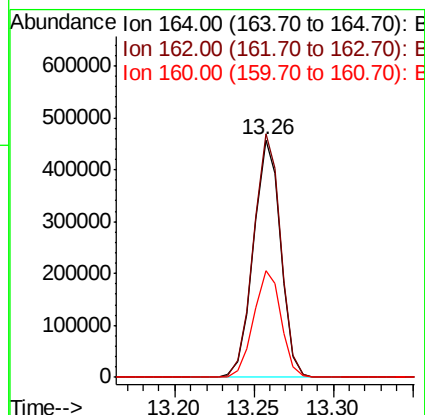
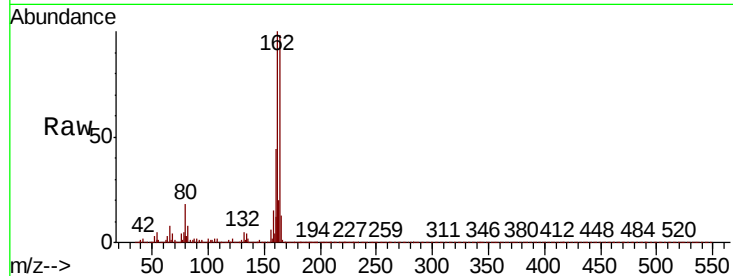




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BP001021.D
Acq: 11 Nov 2019 17:41

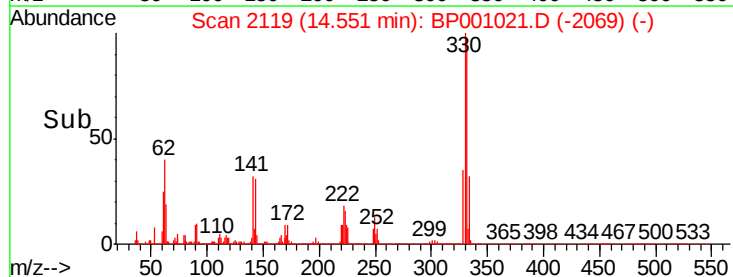
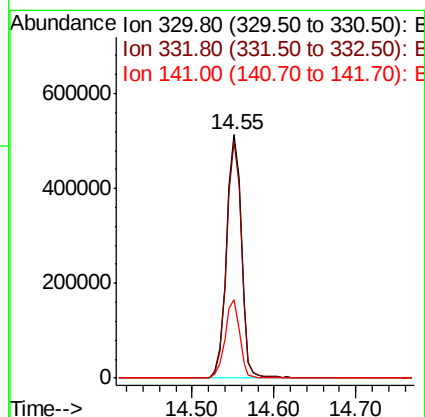
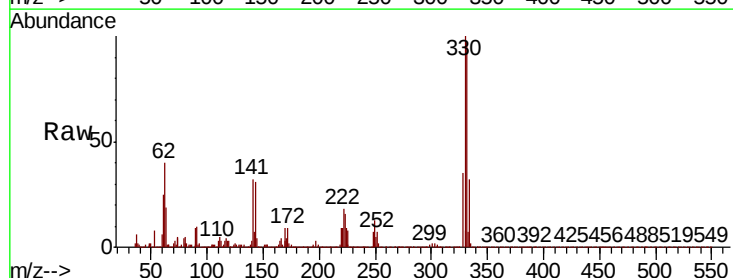
Instrument :
BNA_P
ClientSampleId :

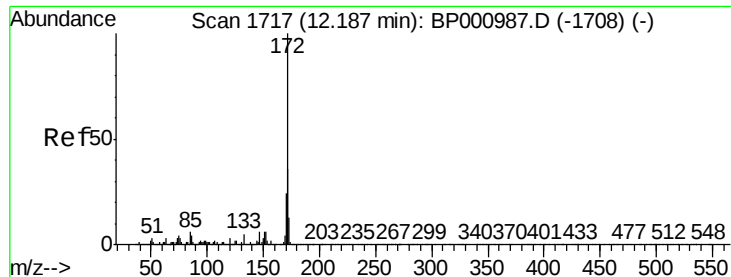
Tot Ion:164 Resp: 542484
Ion Ratio Lower Upper
164 100
162 102.5 82.6 123.8
160 44.9 36.5 54.7



#42
2,4,6-Tribromophenol
Concen: 100.948 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP001021.D
Acq: 11 Nov 2019 17:41

Tgt Ion:330 Resp: 653744
Ion Ratio Lower Upper
330 100
332 97.2 78.3 117.5
141 31.6 25.0 37.4

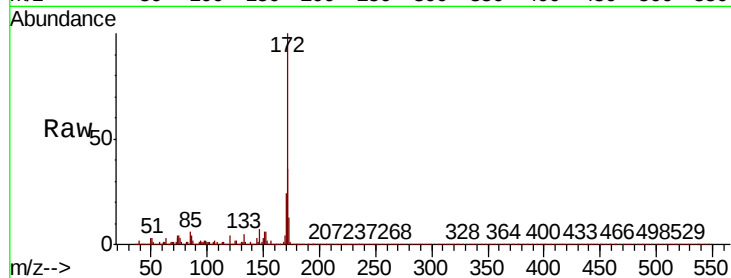




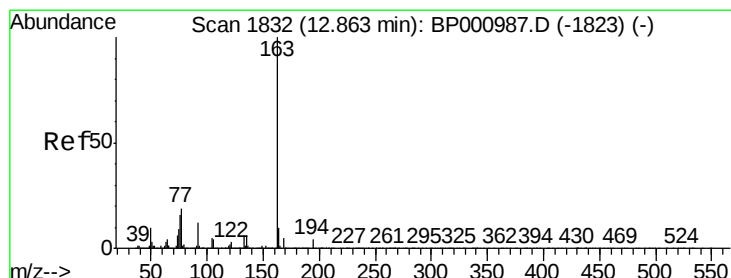
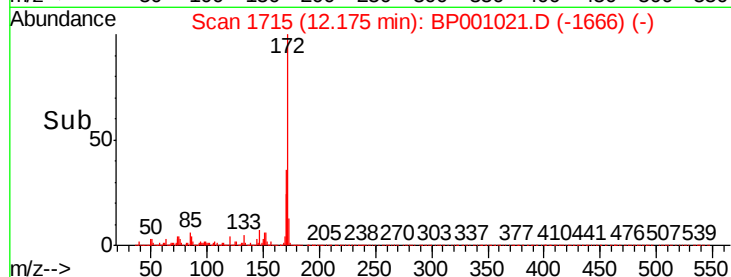
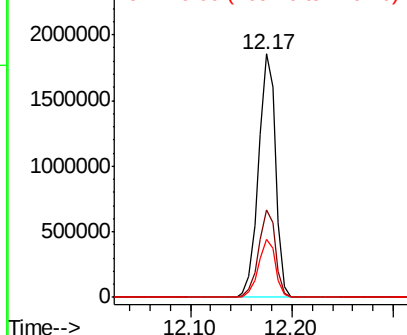
#45
2-Fluorobiphenyl
Concen: 59.900 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001021.D
Acq: 11 Nov 2019 17:41

Instrument :
BNA_P
ClientSampled :

Tot Ion:172 Resp: 2157545
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.9 18.9 28.3

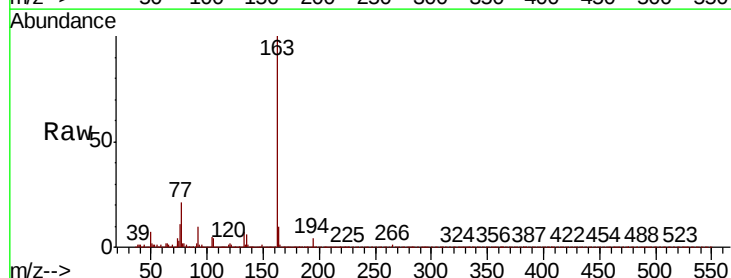


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

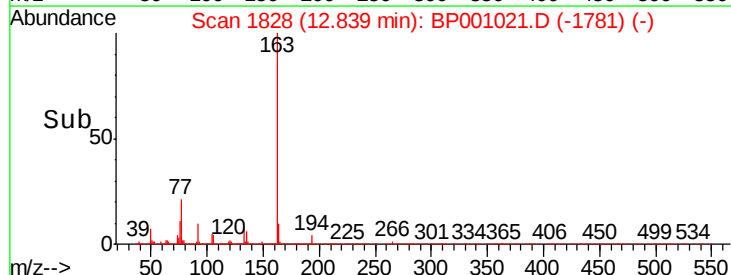
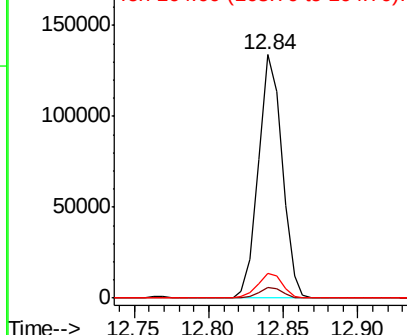


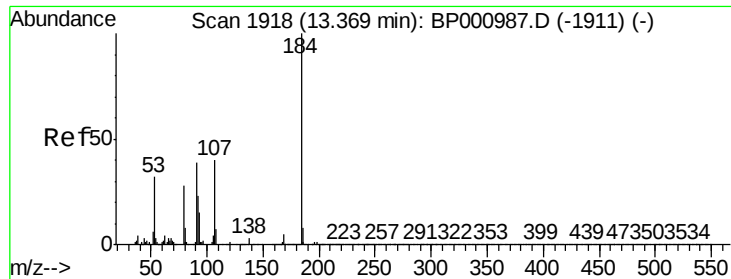
#50
Dimethylphthalate
Concen: 3.647 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BP001021.D
Acq: 11 Nov 2019 17:41

Tgt Ion:163 Resp: 146314
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.2 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

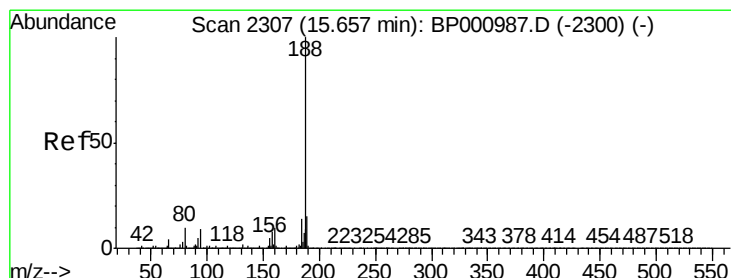
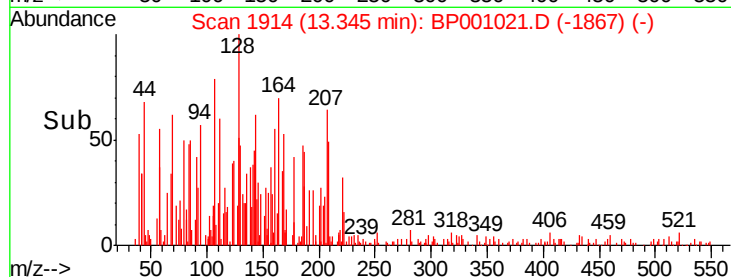
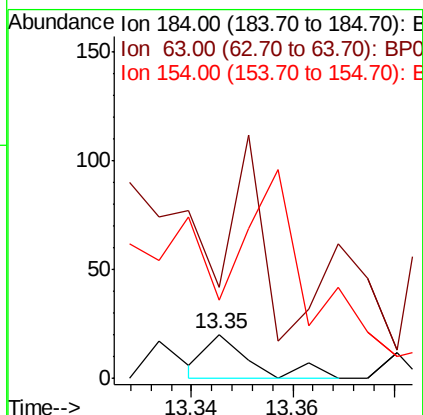
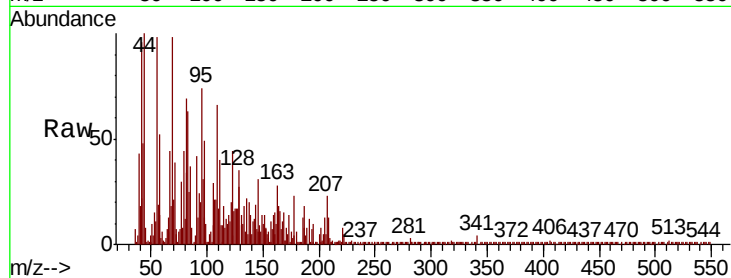




#54
2,4-Dinitrophenol
Concen: 8.312 ng
RT: 13.35 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BP001021.D
Acq: 11 Nov 2019 17:41

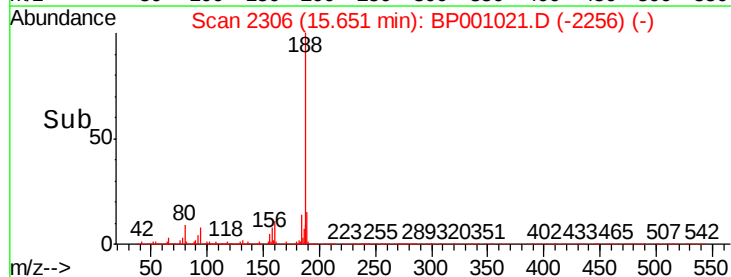
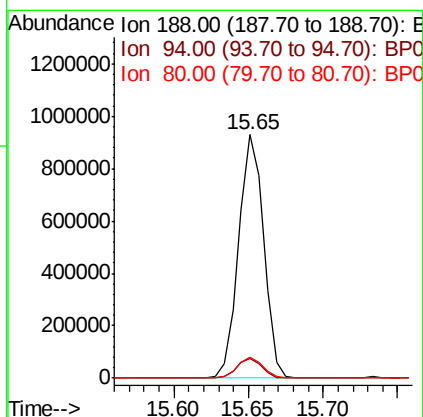
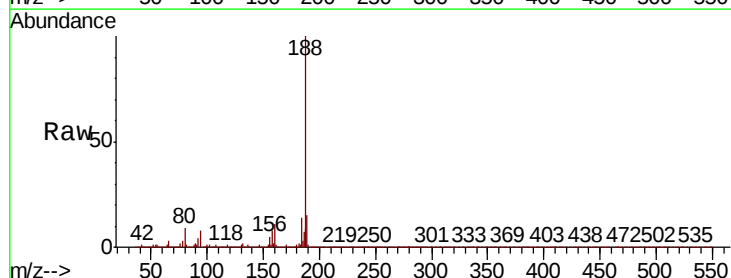
Instrument :
BNA_P
ClientSampled :

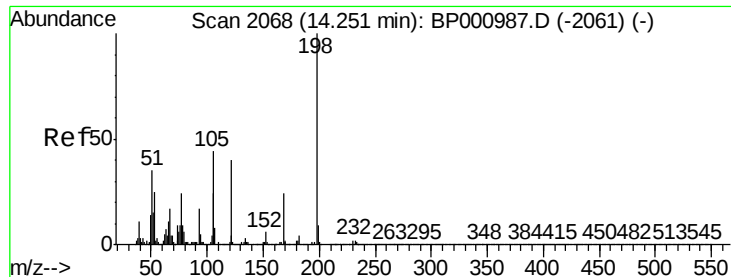
Tot Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 210.0 41.0 61.6#
154 180.0 48.1 72.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001021.D
Acq: 11 Nov 2019 17:41

Tgt Ion:188 Resp: 1086222
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 8.8 7.9 11.9

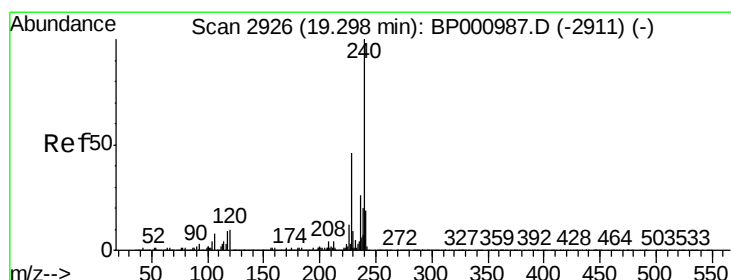
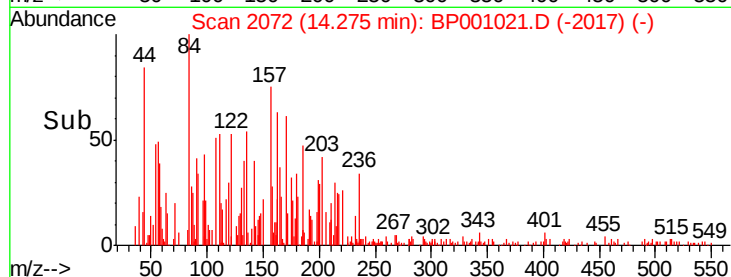
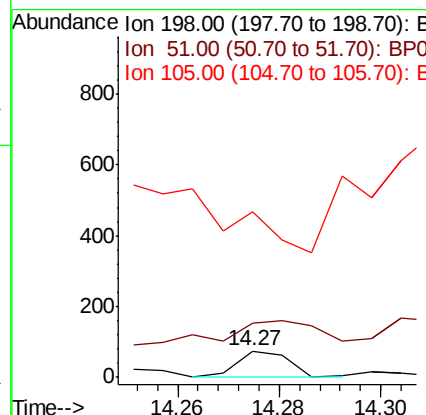
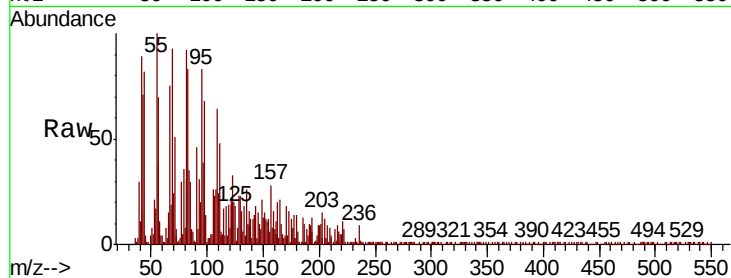




#65
4,6-Dinitro-2-methylphenol
Concen: 9.894 ng
RT: 14.27 min Scan# 2072
Delta R.T. 0.02 min
Lab File: BP001021.D
Acq: 11 Nov 2019 17:41

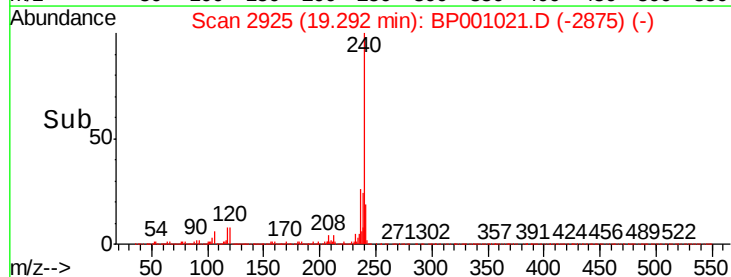
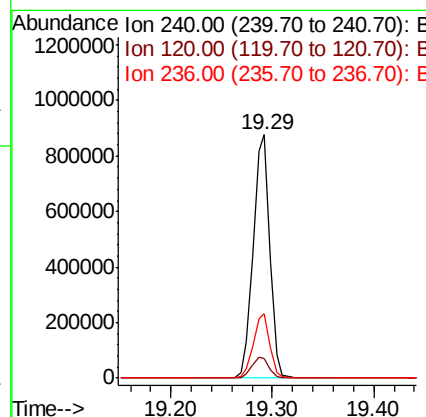
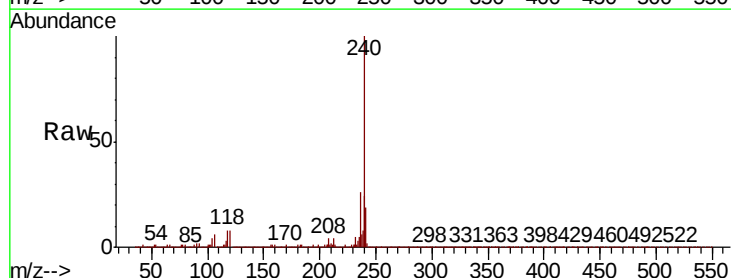
Instrument :
BNA_P
ClientSampled :

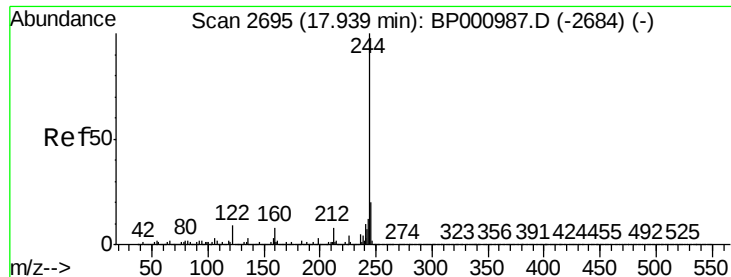
Tot Ion	Ion	Ratio	Lower	Upper
198	100			
51	204.1	16.0	56.0#	
105	629.7	24.9	64.9#	



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.29 min Scan# 2925
Delta R.T. -0.01 min
Lab File: BP001021.D
Acq: 11 Nov 2019 17:41

Tgt Ion	Ion	Ratio	Lower	Upper
240	100			
120	8.0	8.2	12.2#	
236	26.4	20.5	30.7	

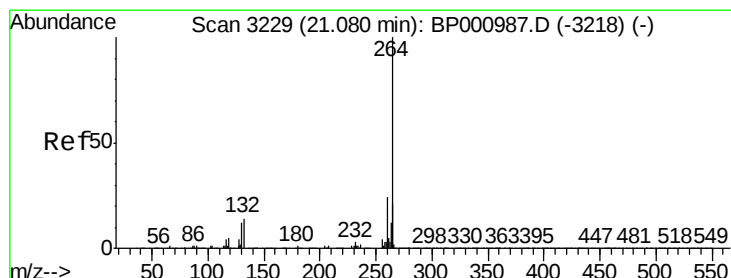
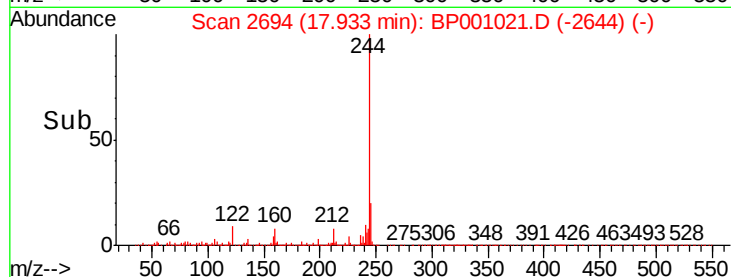
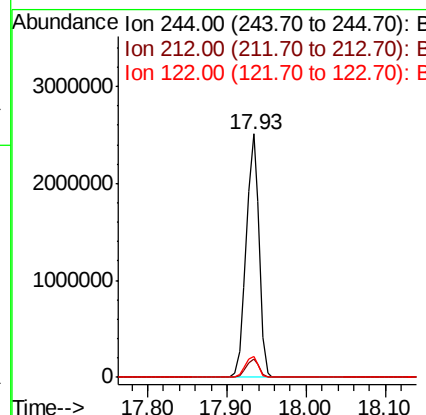
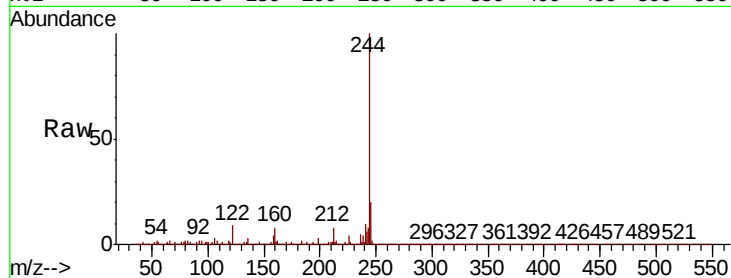




#79
 Terphenyl-d14
 Concen: 56.466 ng
 RT: 17.93 min Scan# 2694
 Delta R.T. -0.01 min
 Lab File: BP001021.D
 Acq: 11 Nov 2019 17:41

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 2818099
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 8.7 7.4 11.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3228
 Delta R.T. -0.01 min
 Lab File: BP001021.D
 Acq: 11 Nov 2019 17:41

Tgt Ion:264 Resp: 1056604
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.6 17.1 25.7

