

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
 Data File : BP001024.D
 Acq On : 11 Nov 2019 19:11
 Operator : JU
 Sample : K5760-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 12 04:16:08 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

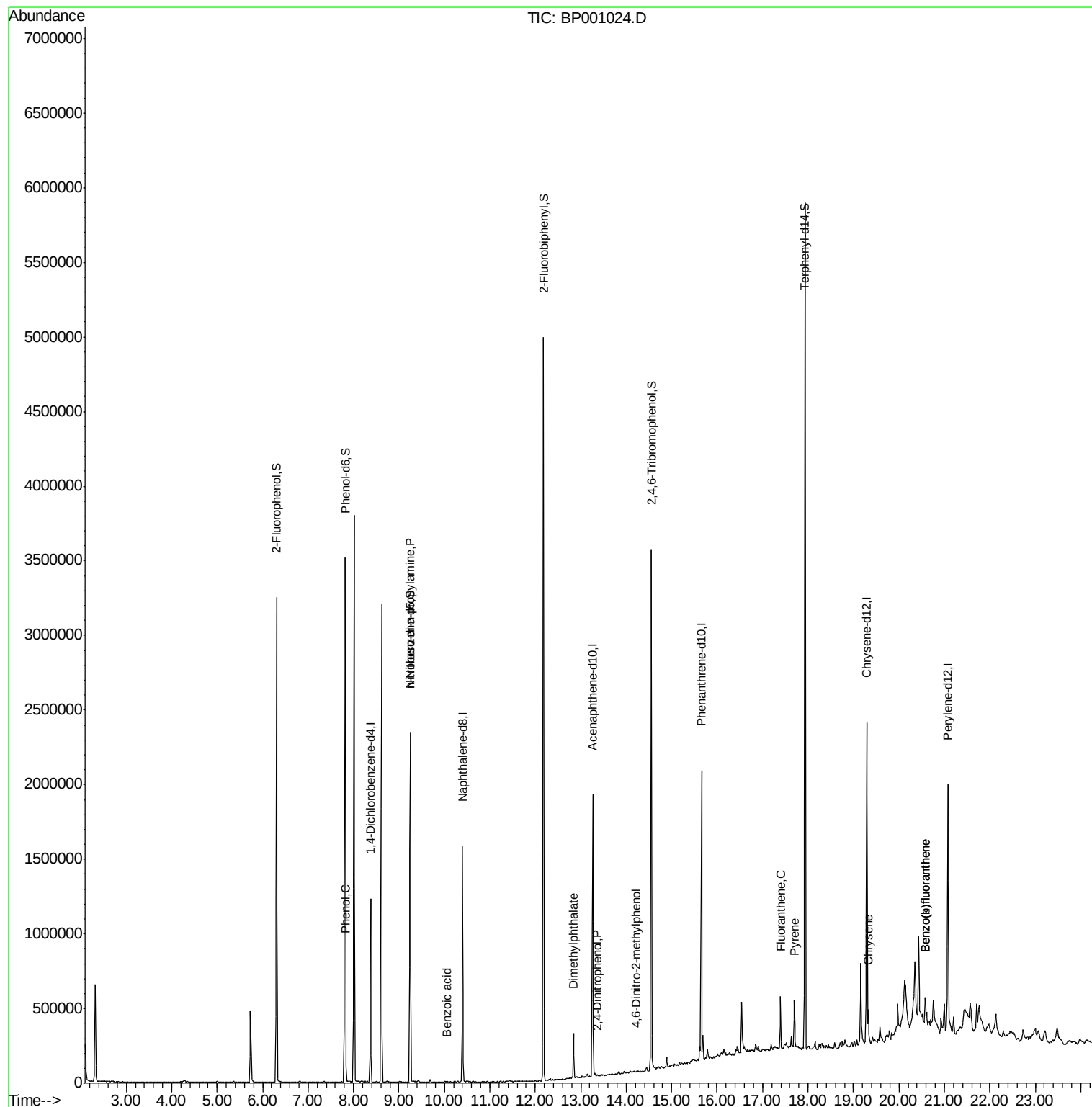
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	241400	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	888210	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	500262	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	954881	20.00	ng	0.00
76) Chrysene-d12	19.29	240	805002	20.00	ng	0.00
87) Perylene-d12	21.08	264	909924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	1213116	91.47	ng	0.00
7) Phenol-d6	7.82	99	1607469	95.85	ng	0.00
23) Nitrobenzene-d5	9.25	82	991215	61.73	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	601562	100.73	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	2054201	61.84	ng	0.00
79) Terphenyl-d14	17.93	244	2394519	59.17	ng	0.00
Target Compounds						
10) Phenol	7.83	94	95919	5.229	ng	97
19) n-Nitroso-di-n-propylamine	9.25	70	134484	13.354	ng	# 77
32) Benzoic acid	10.05	122	64	7.676	ng	# 1
50) Dimethylphthalate	12.85	163	157985	4.271	ng	99
54) 2,4-Dinitrophenol	13.35	184	50	8.327	ng	# 1
65) 4,6-Dinitro-2-methylphenol	14.21	198	90	9.905	ng	# 1
75) Fluoranthene	17.40	202	174548	3.160	ng	98
78) Pyrene	17.70	202	152919	2.688	ng	97
83) Chrysene	19.32	228	103916	2.183	ng	96
88) Benzo(b)fluoranthene	20.58	252	136063	2.509	ng	99
89) Benzo(k)fluoranthene	20.58	252	136063	2.665	ng	100

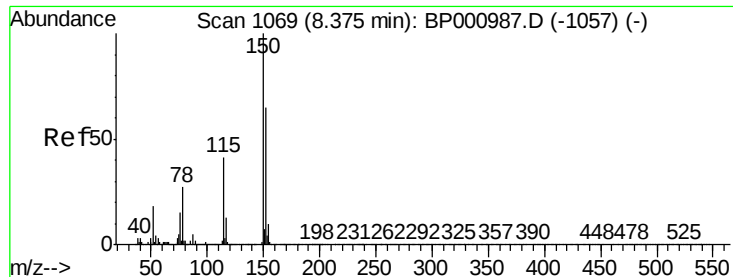
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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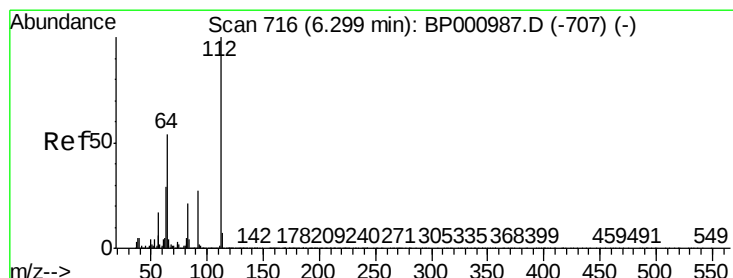
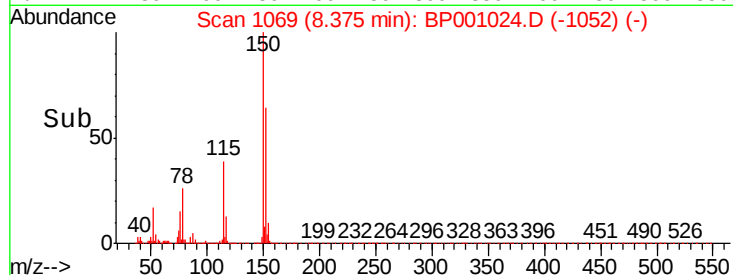
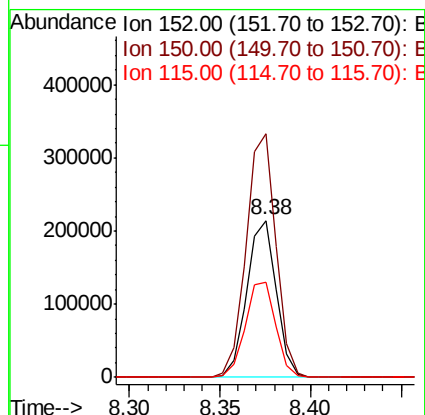
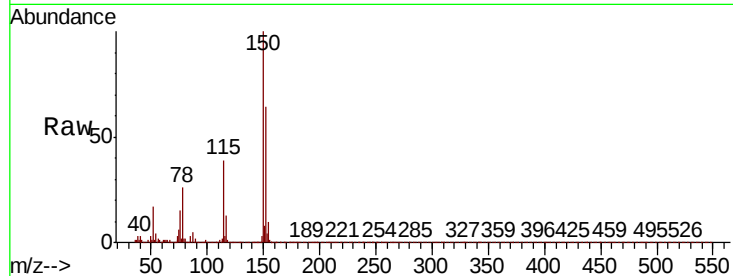




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.38 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BP001024.D
 Acq: 11 Nov 2019 19:11

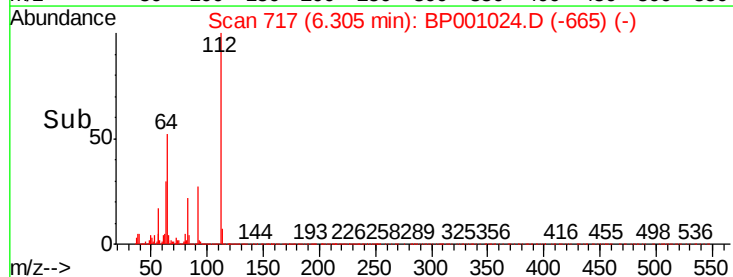
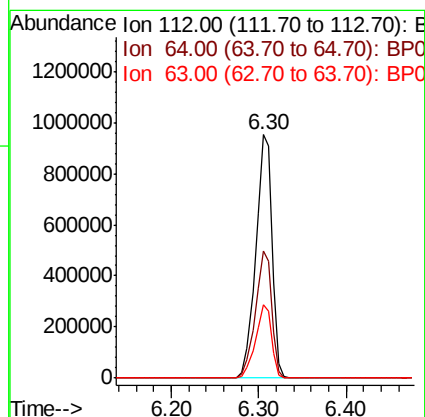
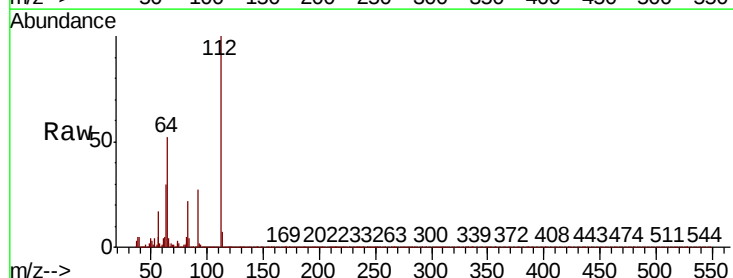
Instrument :
 BNA_P
 ClientSampleId :

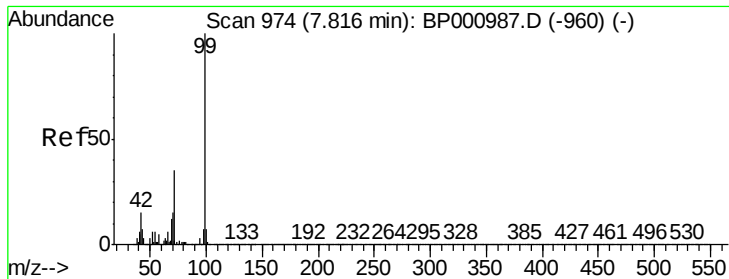
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.6	185.4
115	60.4	50.1	75.1



#5
 2-Fluorophenol
 Concen: 91.470 ng
 RT: 6.30 min Scan# 717
 Delta R.T. 0.01 min
 Lab File: BP001024.D
 Acq: 11 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	43.4	65.0
63	30.0	23.4	35.0





#7

Phenol-d6

Concen: 95.847 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001024.D

Acq: 11 Nov 2019 19:11

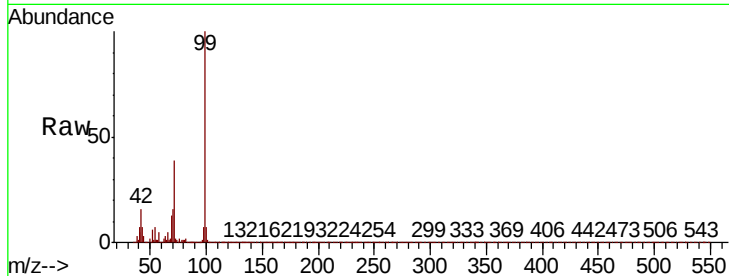
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1607469

Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.6	17.4
71	39.4	28.0	42.0

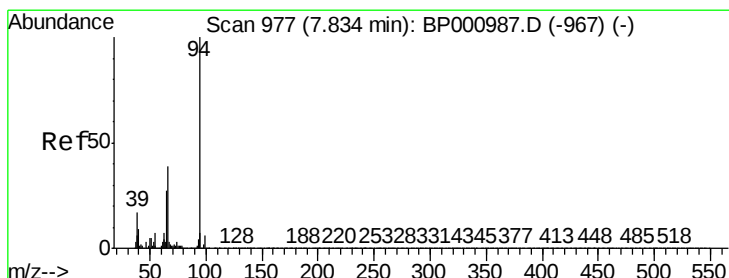
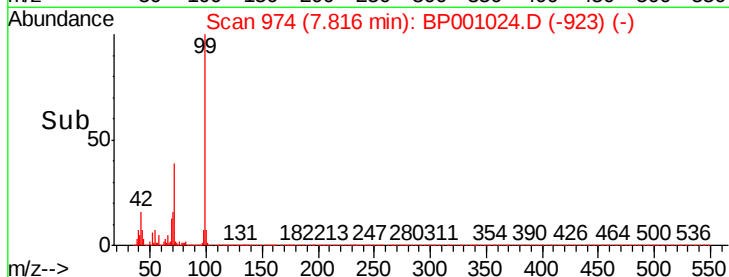
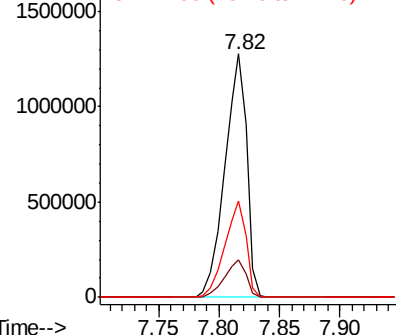


Abundance

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: 5.229 ng

RT: 7.83 min Scan# 977

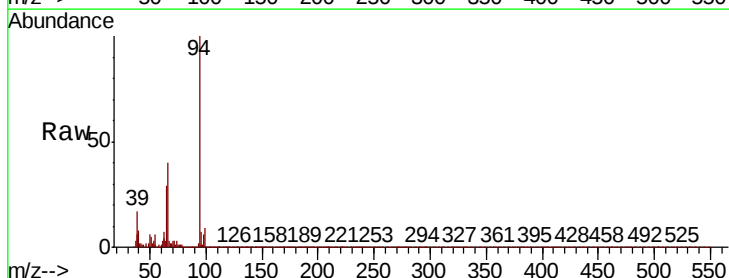
Delta R.T. -0.00 min

Lab File: BP001024.D

Acq: 11 Nov 2019 19:11

Tgt Ion: 94 Resp: 95919

Ion	Ratio	Lower	Upper
94	100		
65	28.5	6.7	46.7
66	40.5	18.6	58.6

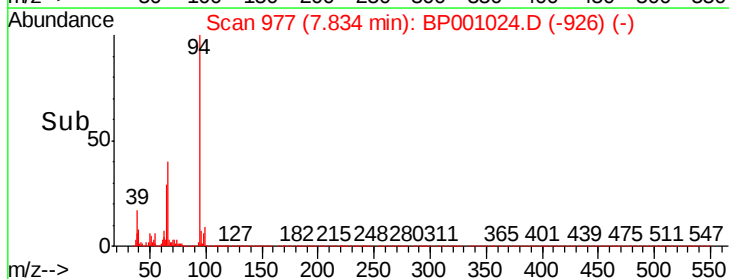
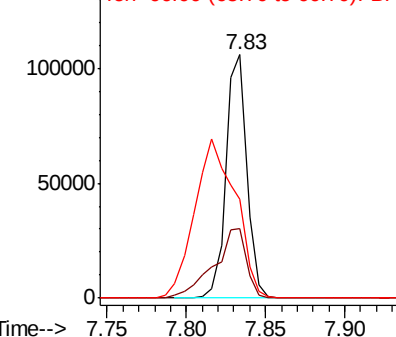


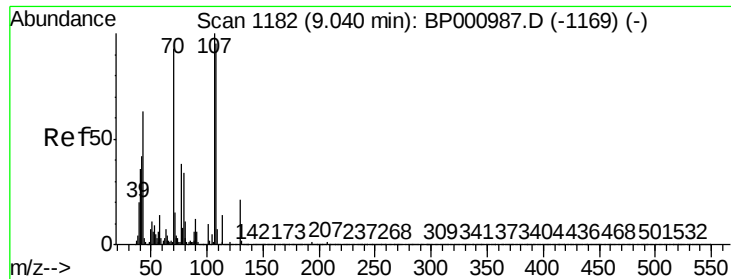
Abundance

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

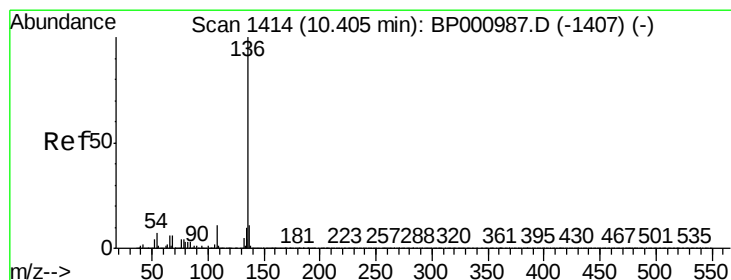
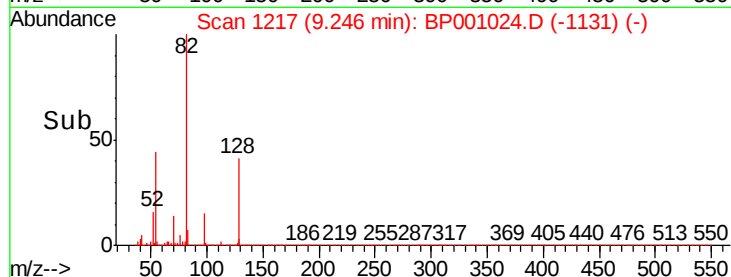
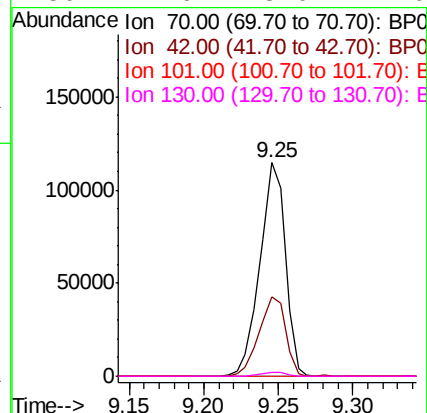
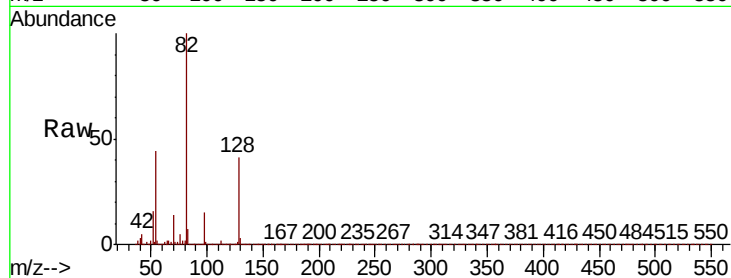




#19
n-Nitroso-di-n-propylamine
Concen: 13.354 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.21 min
Lab File: BP001024.D
Acq: 11 Nov 2019 19:11

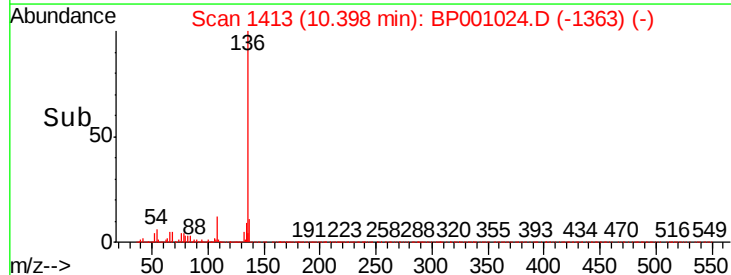
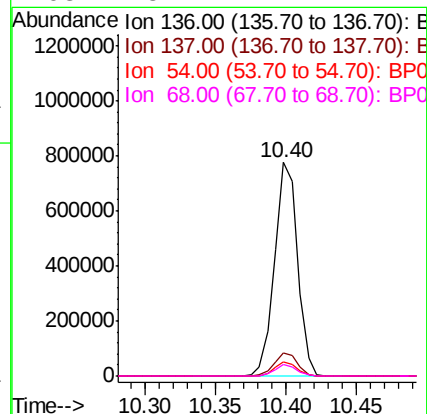
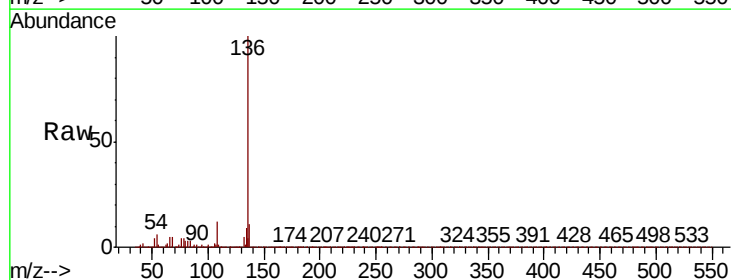
Instrument :
BNA_P
ClientSampleId :

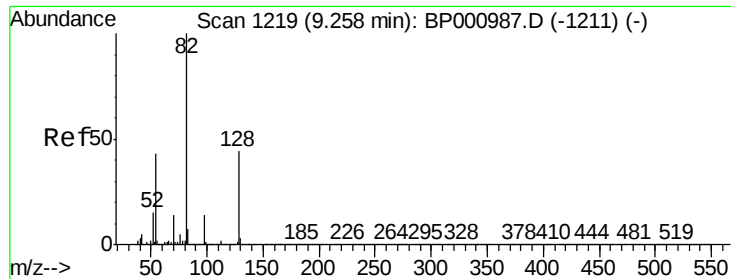
Tot Ion: 70 Resp: 134484
Ion Ratio Lower Upper
70 100
42 37.4 36.3 54.5
101 0.0 8.7 13.1#
130 1.6 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001024.D
Acq: 11 Nov 2019 19:11

Tgt Ion: 136 Resp: 888210
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 6.4 5.4 8.2
68 5.1 4.7 7.1

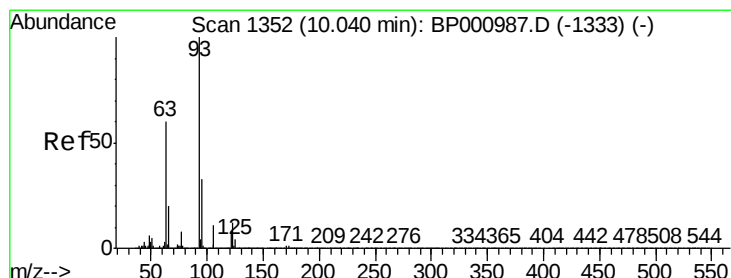
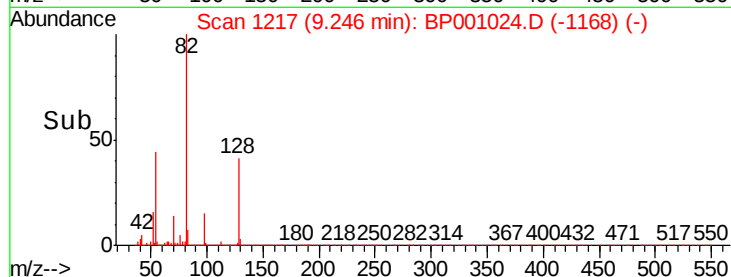
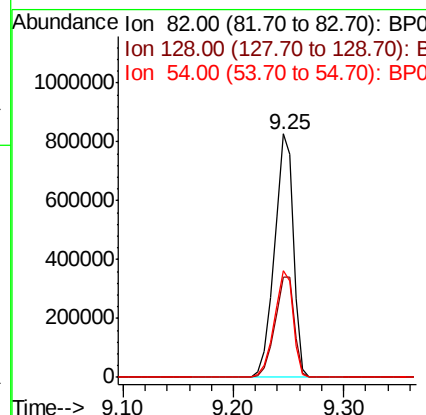
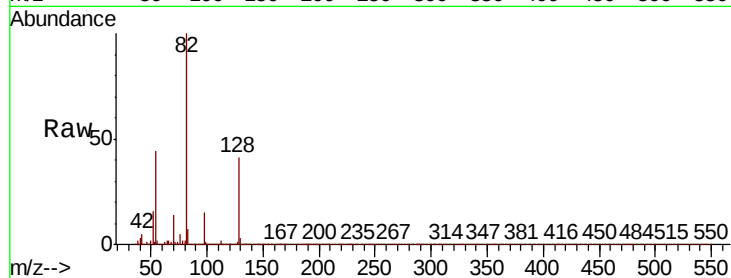




#23
 Nitrobenzene-d5
 Concen: 61.732 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BP001024.D
 Acq: 11 Nov 2019 19:11

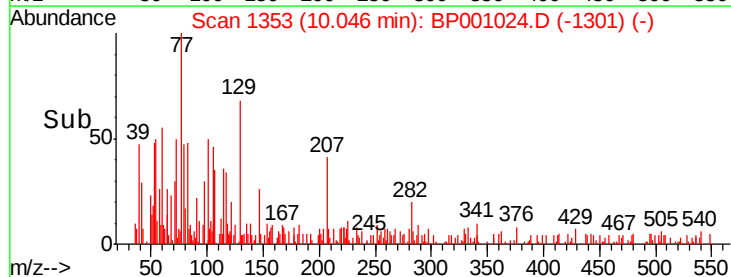
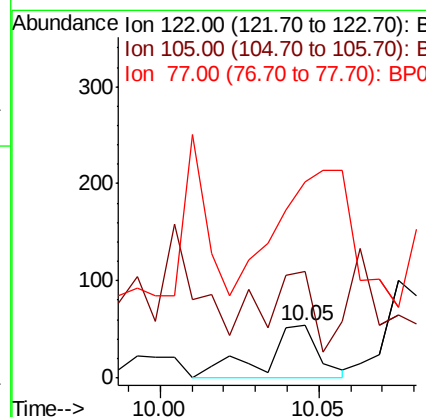
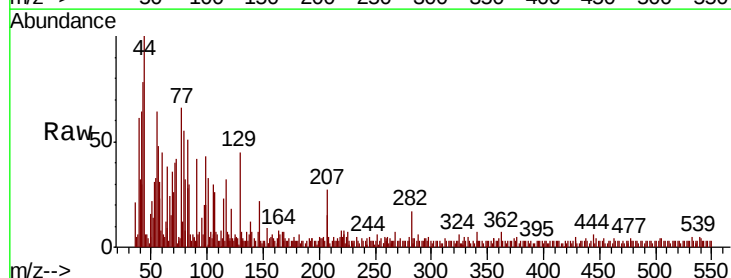
Instrument :
 BNA_P
 ClientSampleId :

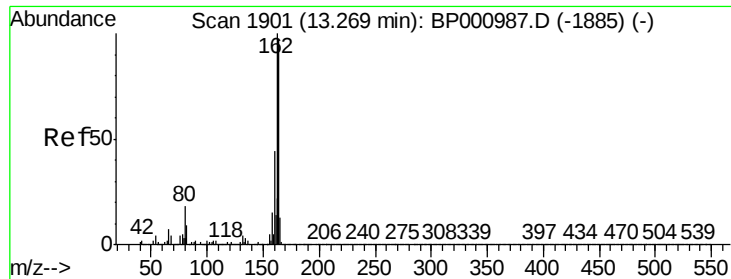
Tot Ion	82	Resp	991215
Ion Ratio	100	Lower	Upper
128	41.2	35.3	52.9
54	43.7	34.3	51.5



#32
 Benzoic acid
 Concen: 7.676 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: BP001024.D
 Acq: 11 Nov 2019 19:11

Tgt Ion	122	Resp	64
Ion Ratio	100	Lower	Upper
105	203.7	110.5	150.5#
77	374.1	77.9	117.9#

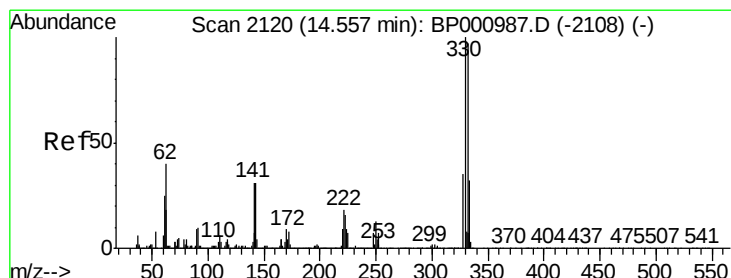
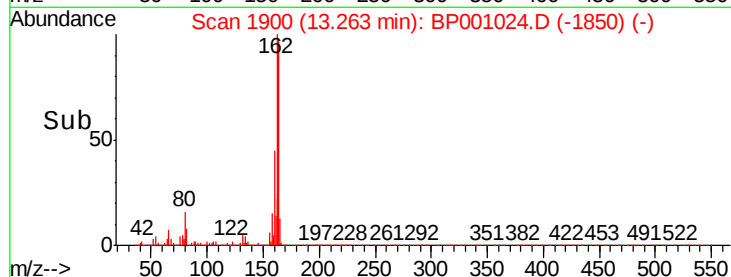
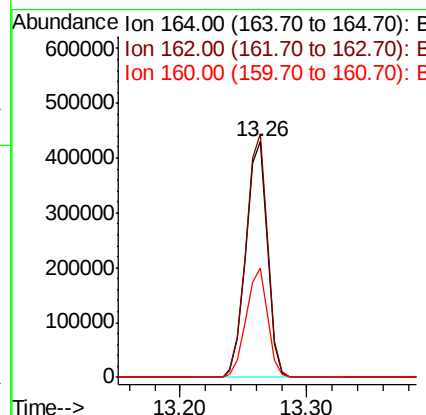
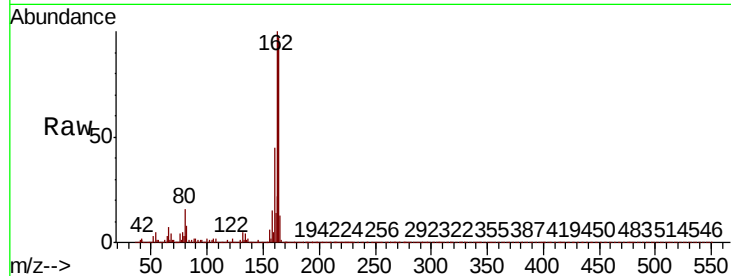




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001024.D
Acq: 11 Nov 2019 19:11

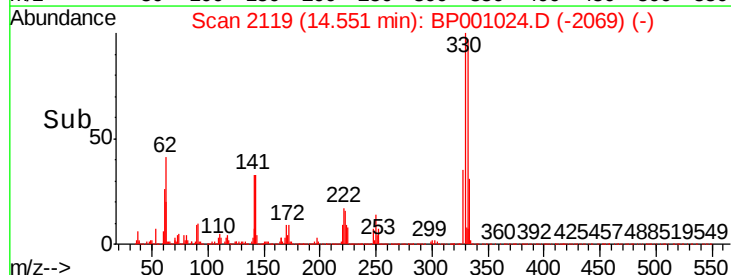
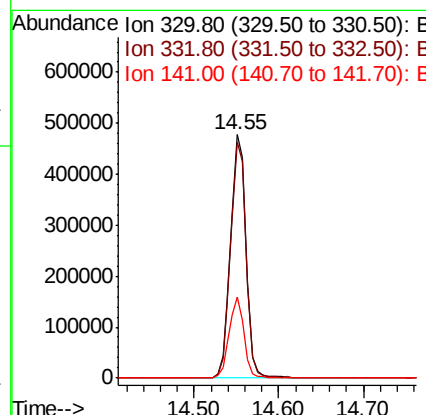
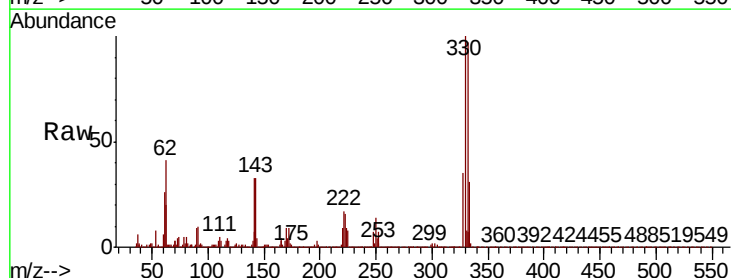
Instrument :
BNA_P
ClientSampled :

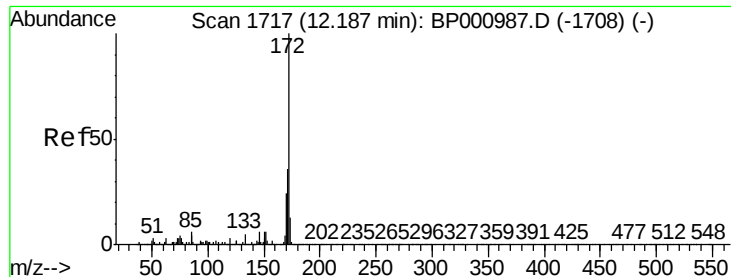
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	46.2	36.5	54.7



#42
2,4,6-Tribromophenol
Concen: 100.731 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP001024.D
Acq: 11 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.3	117.5
141	31.8	25.0	37.4

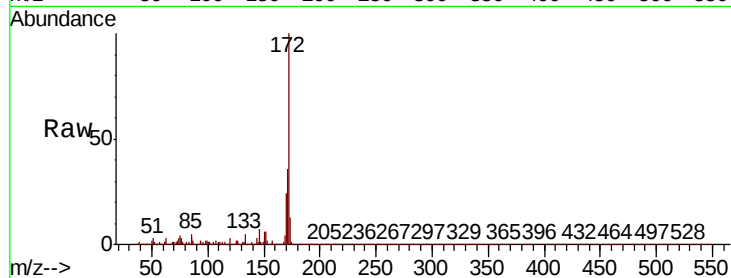




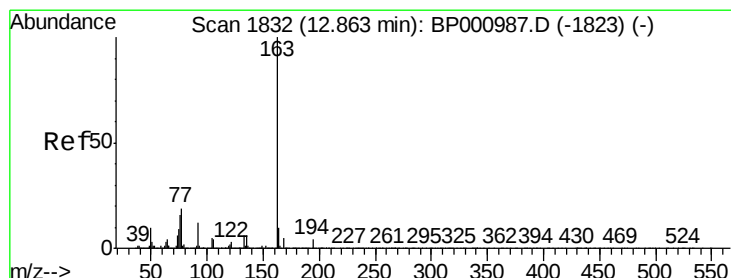
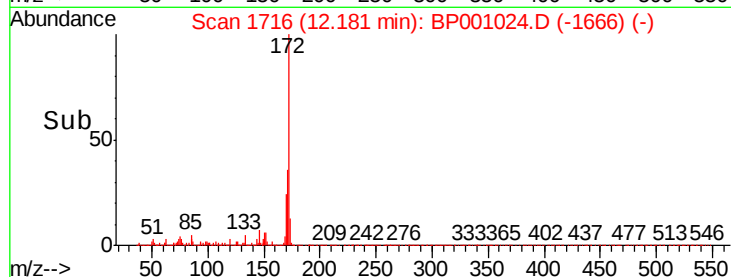
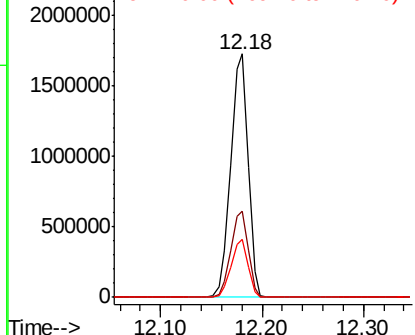
#45
2-Fluorobiphenyl
Concen: 61.844 ng
RT: 12.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BP001024.D
Acq: 11 Nov 2019 19:11

Instrument :
BNA_P
ClientSampled :

Tot Ion:172 Resp: 2054201
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.6 18.9 28.3

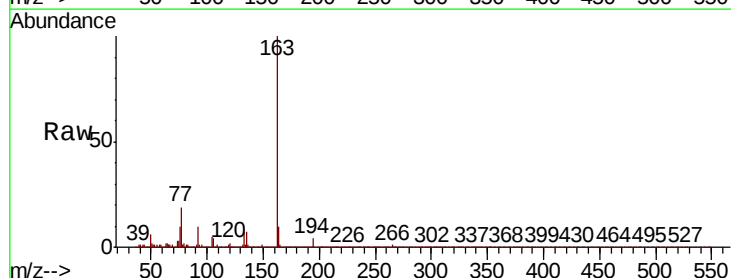


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

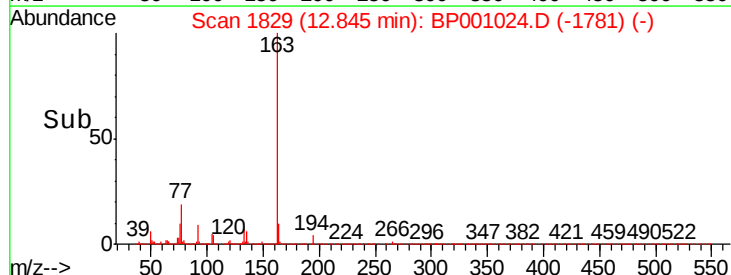
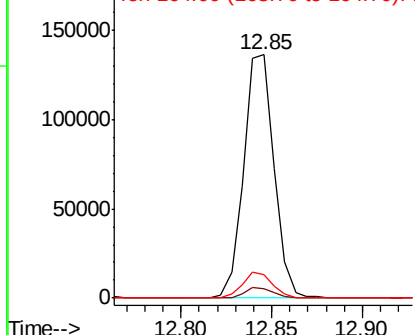


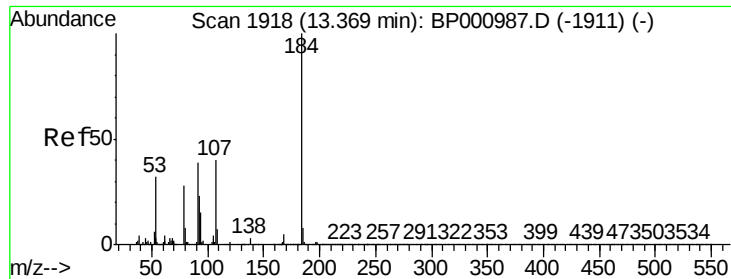
#50
Dimethylphthalate
Concen: 4.271 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BP001024.D
Acq: 11 Nov 2019 19:11

Tgt Ion:163 Resp: 157985
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 9.7 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

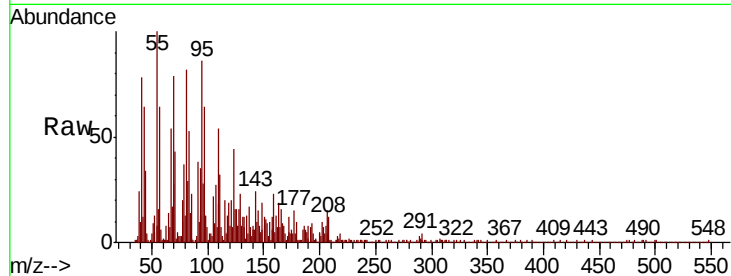




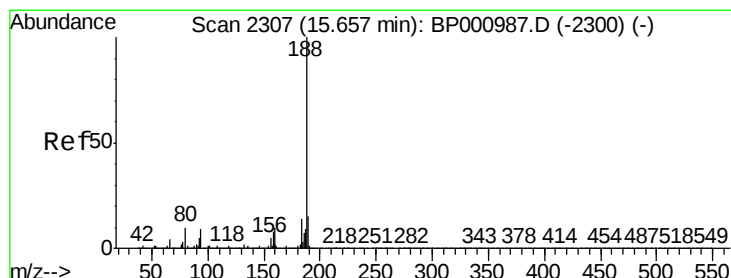
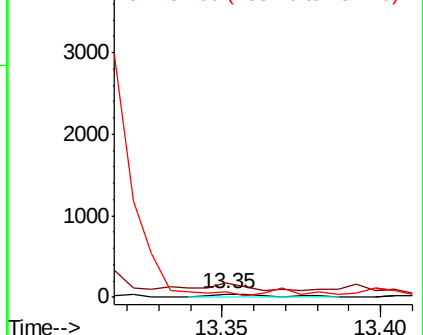
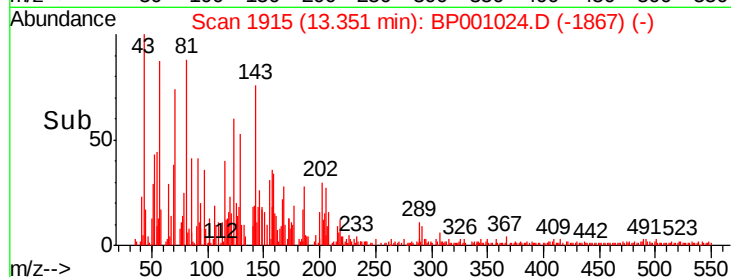
#54
2,4-Dinitrophenol
Concen: 8.327 ng
RT: 13.35 min Scan# 1915
Delta R.T. -0.02 min
Lab File: BP001024.D
Acq: 11 Nov 2019 19:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion:184 Resp: 50
Ion Ratio Lower Upper
184 100
63 513.2 41.0 61.6#
154 165.8 48.1 72.1#

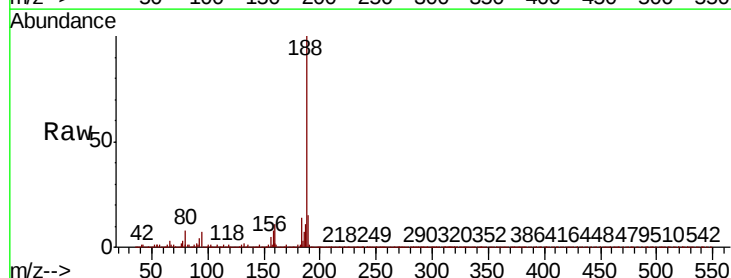


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E

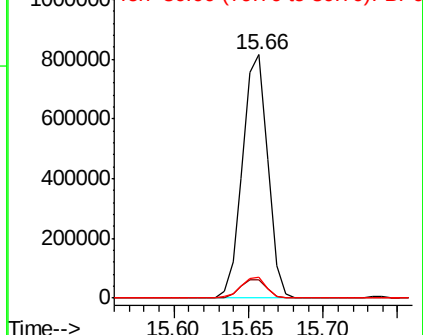
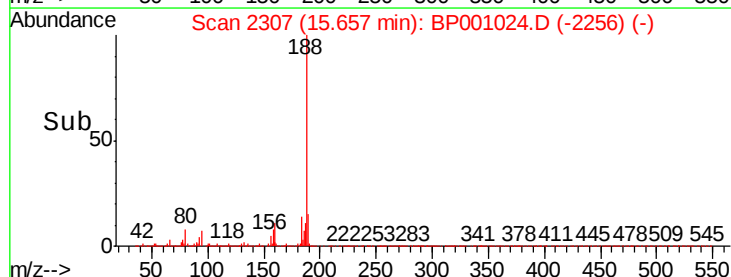


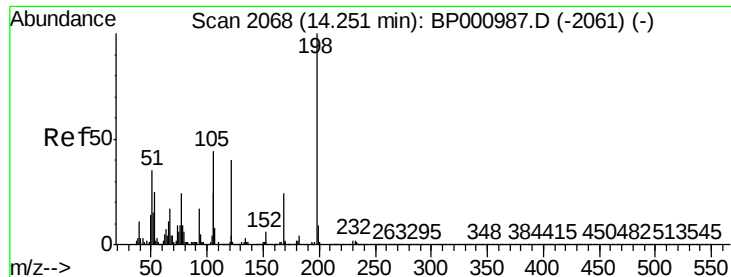
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BP001024.D
Acq: 11 Nov 2019 19:11

Tgt Ion:188 Resp: 954881
Ion Ratio Lower Upper
188 100
94 7.5 7.4 11.2
80 8.4 7.9 11.9



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





#65

4,6-Dinitro-2-methylphenol

Concen: 9.905 ng

RT: 14.21 min Scan# 2061

Delta R.T. -0.04 min

Lab File: BP001024.D

Acq: 11 Nov 2019 19:11

Instrument :

BNA_P

ClientSampleId :

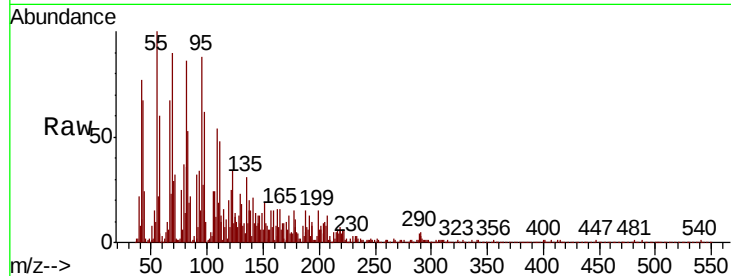
Tot Ion:198 Resp: 90

Ion Ratio Lower Upper

198 100

51 234.0 16.0 56.0#

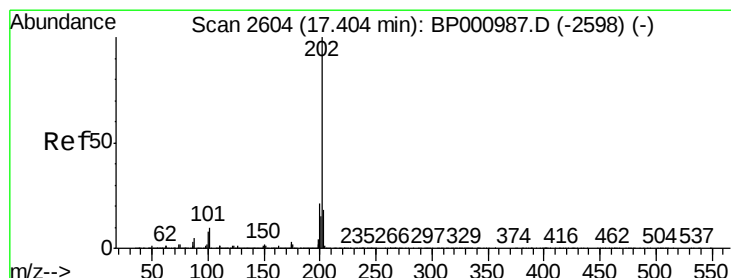
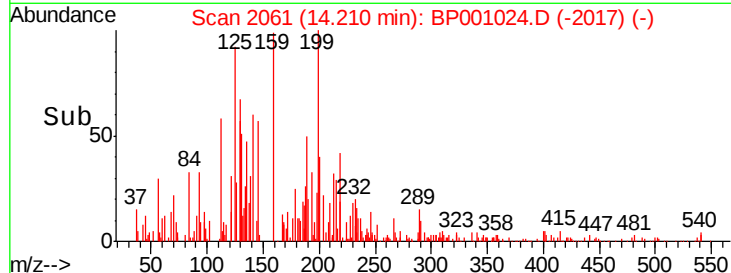
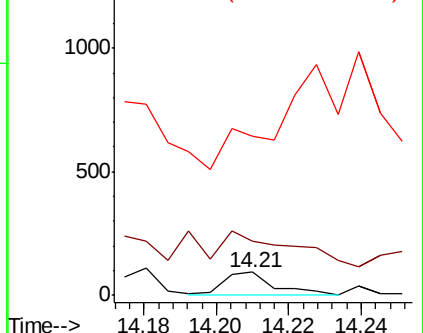
105 685.1 24.9 64.9#



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



#75

Fluoranthene

Concen: 3.160 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BP001024.D

Acq: 11 Nov 2019 19:11

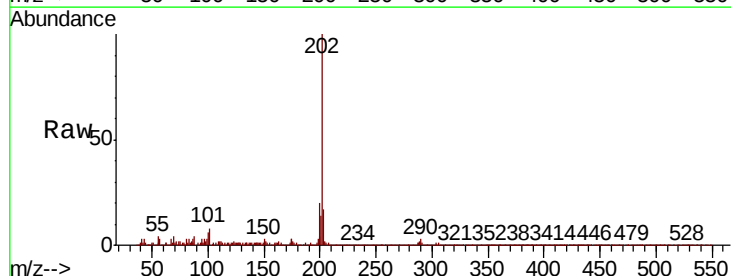
Tgt Ion:202 Resp: 174548

Ion Ratio Lower Upper

202 100

101 8.5 0.0 30.1

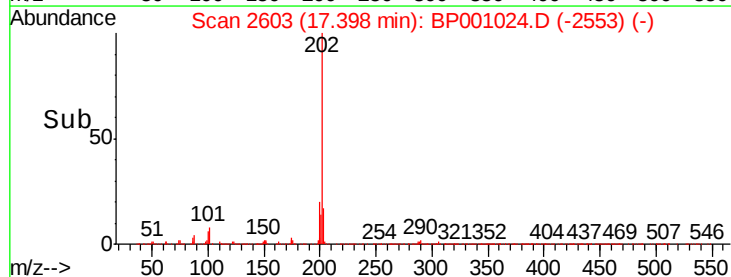
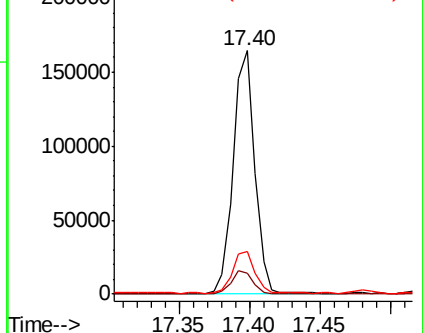
203 17.3 0.0 37.7

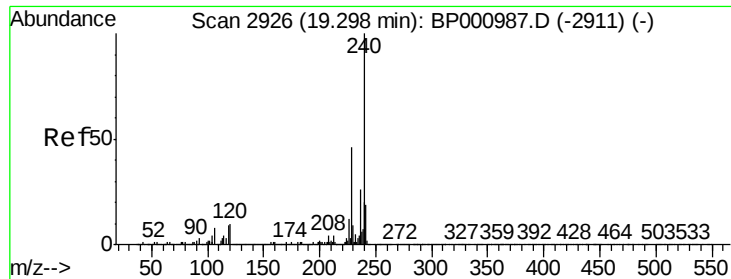


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

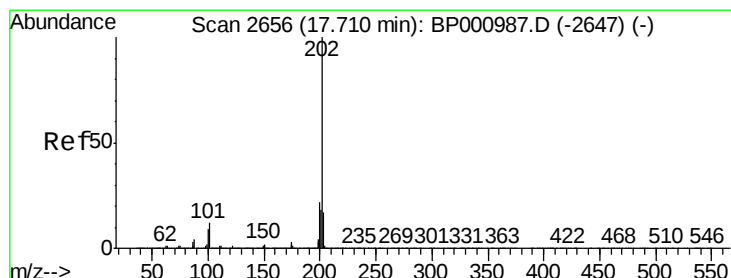
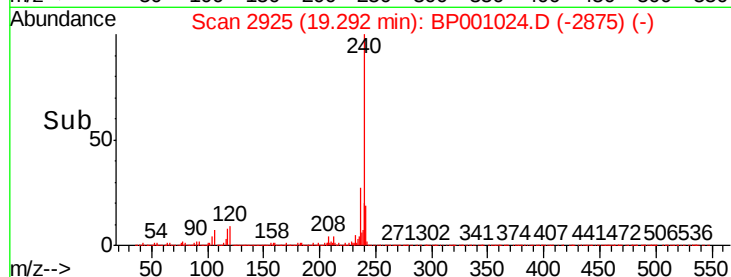
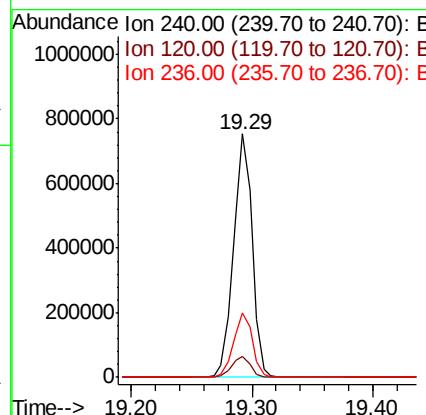
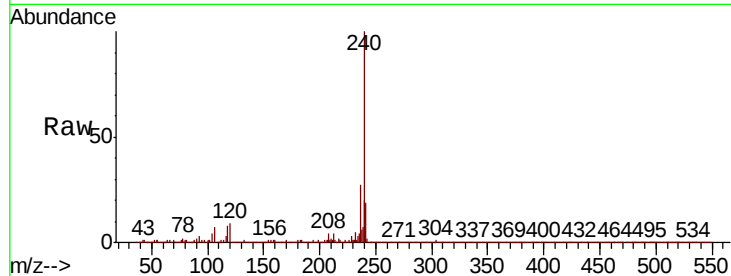




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.29 min Scan# 2925
 Delta R.T. -0.01 min
 Lab File: BP001024.D
 Acq: 11 Nov 2019 19:11

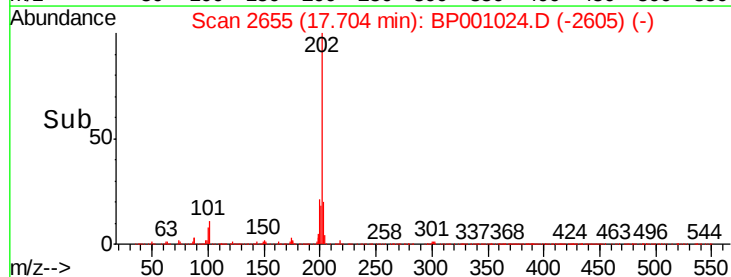
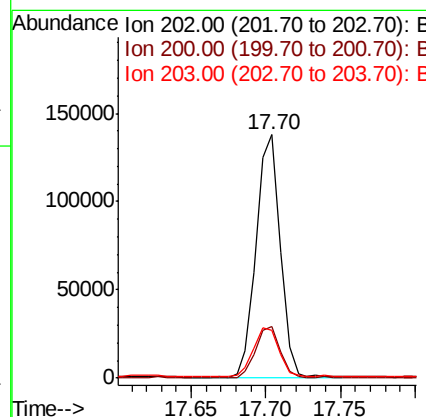
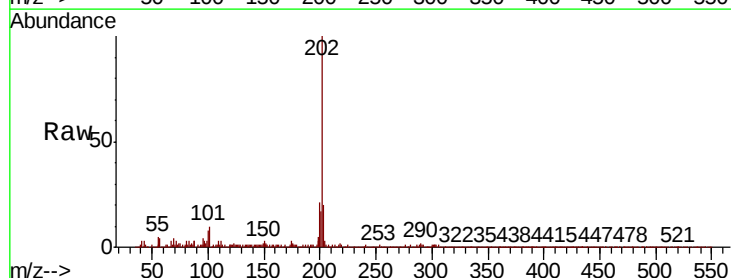
Instrument :
 BNA_P
 ClientSampleId :

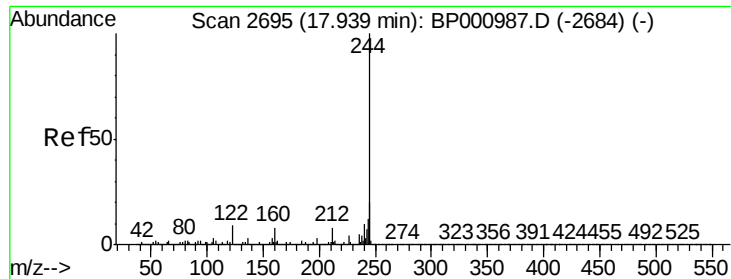
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.2	12.2
236	26.6	20.5	30.7



#78
 Pyrene
 Concen: 2.688 ng
 RT: 17.70 min Scan# 2655
 Delta R.T. -0.01 min
 Lab File: BP001024.D
 Acq: 11 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	19.7	14.0	21.0

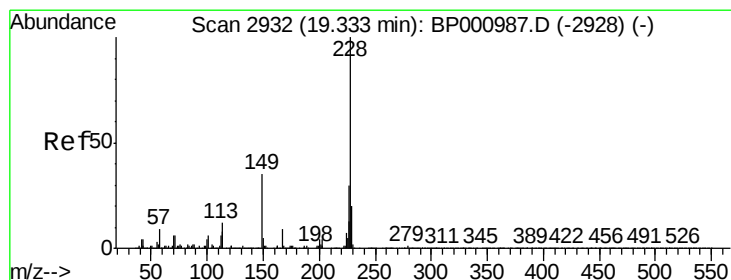
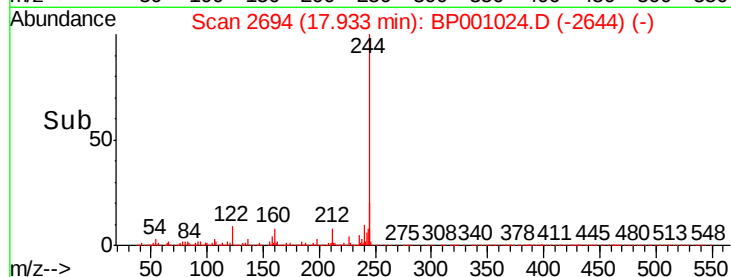
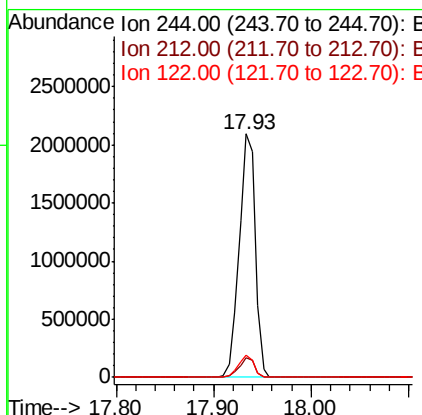
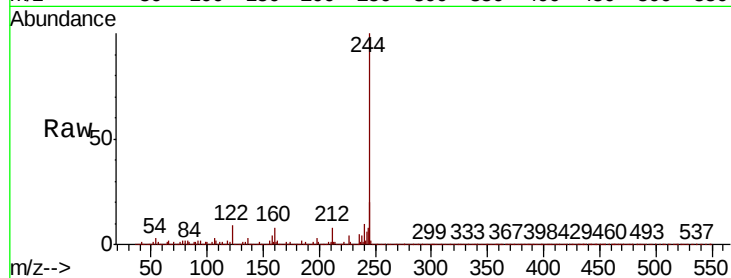




#79
 Terphenyl-d14
 Concen: 59.168 ng
 RT: 17.93 min Scan# 2694
 Delta R.T. -0.01 min
 Lab File: BP001024.D
 Acq: 11 Nov 2019 19:11

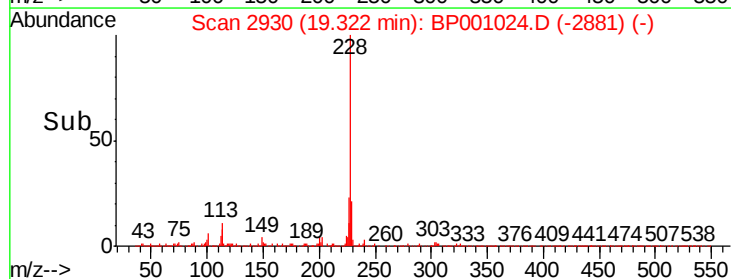
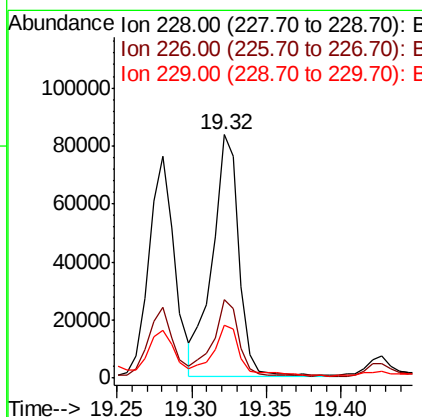
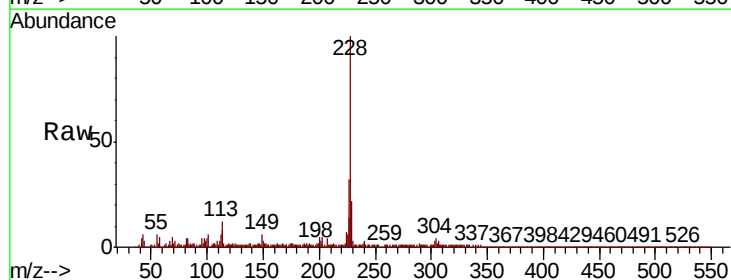
Instrument :
 BNA_P
 ClientSampleId :

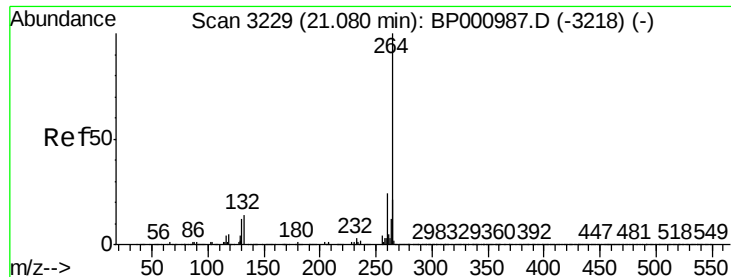
Tot Ion:244 Resp: 2394519
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 9.2 7.4 11.2



#83
 Chrysene
 Concen: 2.183 ng
 RT: 19.32 min Scan# 2930
 Delta R.T. -0.01 min
 Lab File: BP001024.D
 Acq: 11 Nov 2019 19:11

Tgt Ion:228 Resp: 103916
 Ion Ratio Lower Upper
 228 100
 226 32.3 24.2 36.2
 229 21.6 15.8 23.6

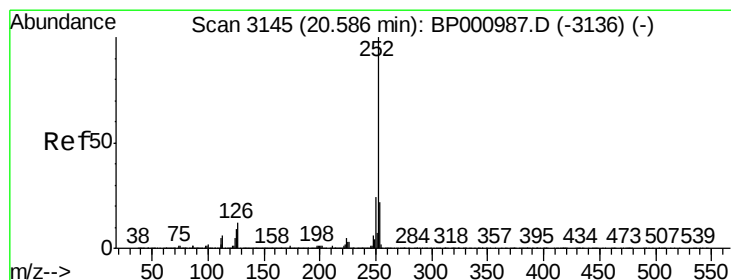
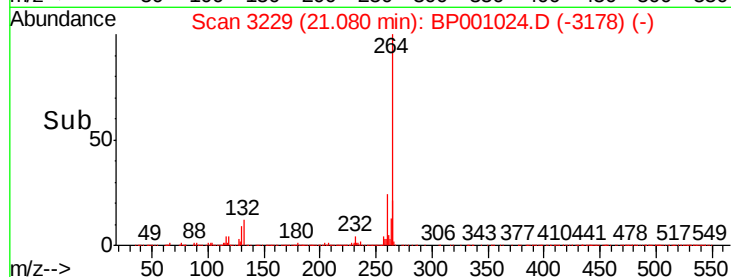
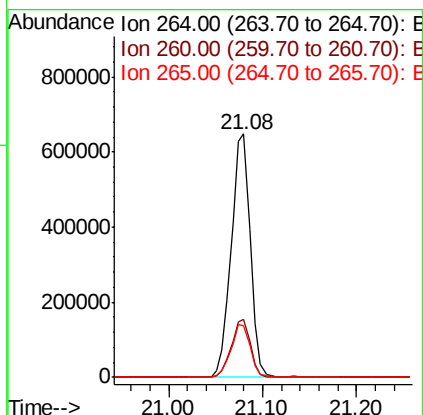
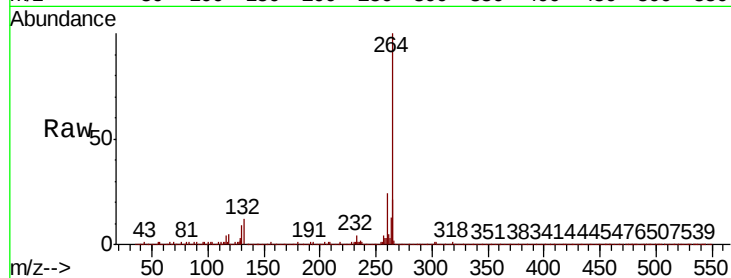




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BP001024.D
Acq: 11 Nov 2019 19:11

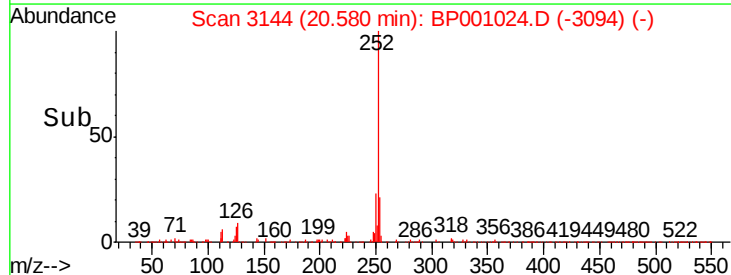
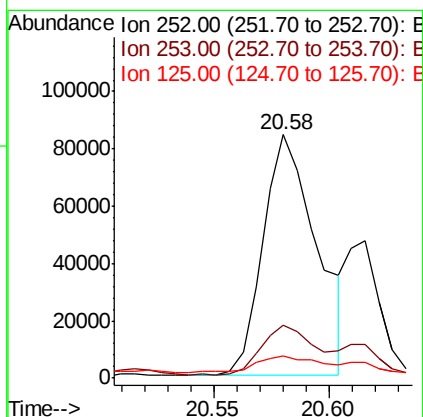
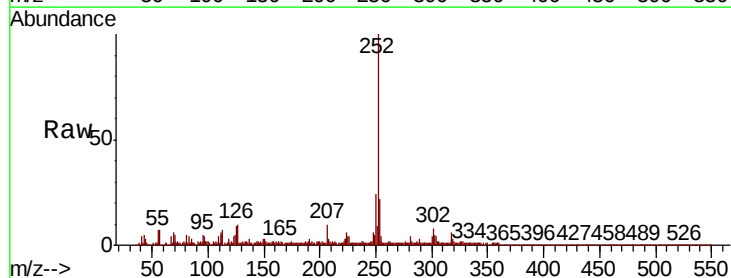
Instrument :
BNA_P
ClientSampleId :

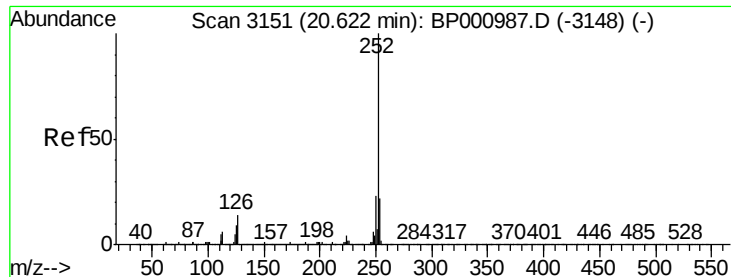
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.4	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 2.509 ng
RT: 20.58 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BP001024.D
Acq: 11 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.1	7.3	10.9





#89

Benzo(k)fluoranthene

Concen: 2.665 ng

RT: 20.58 min Scan# 3144

Delta R.T. -0.04 min

Lab File: BP001024.D

Acq: 11 Nov 2019 19:11

Instrument :

BNA_P

ClientSampleId :

Tot Ion:252 Resp: 136063

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.1 7.3 10.9

