

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
 Data File : BP001028.D
 Acq On : 11 Nov 2019 21:10
 Operator : JU
 Sample : K5763-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 12 04:17:22 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

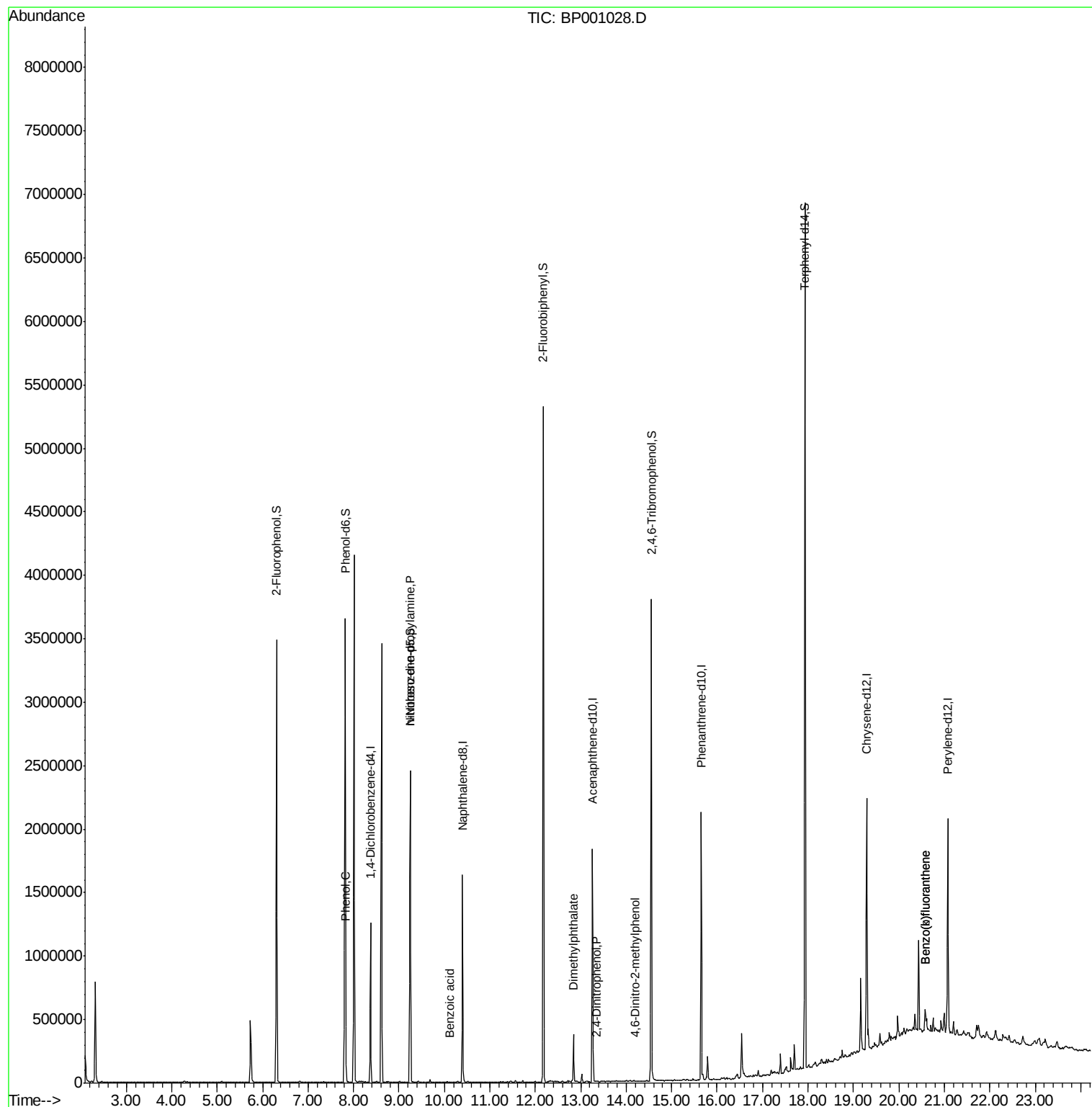
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	245100	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	891730	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	513548	20.00	ng	0.00
64) Phenanthrene-d10	15.65	188	1011058	20.00	ng	0.00
76) Chrysene-d12	19.29	240	818582	20.00	ng	0.00
87) Perylene-d12	21.07	264	896264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	1319678	98.00	ng	0.00
7) Phenol-d6	7.82	99	1752565	102.92	ng	0.00
23) Nitrobenzene-d5	9.25	82	1081392	67.08	ng	0.00
42) 2,4,6-Tribromophenol	14.55	330	647815	105.67	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	2205437	64.68	ng	0.00
79) Terphenyl-d14	17.93	244	2766525	67.23	ng	0.00
Target Compounds						
10) Phenol	7.83	94	120351	6.462	ng	99
19) n-Nitroso-di-n-propylamine	9.25	70	144483	14.131	ng	# 79
32) Benzoic acid	10.12	122	26	7.671	ng	89
50) Dimethylphthalate	12.85	163	200021	5.267	ng	99
54) 2,4-Dinitrophenol	13.36	184	14	8.313	ng	# 1
65) 4,6-Dinitro-2-methylphenol	14.20	198	35	9.890	ng	# 1
88) Benzo(b)fluoranthene	20.58	252	163145	3.054	ng	96
89) Benzo(k)fluoranthene	20.58	252	163145	3.244	ng	96

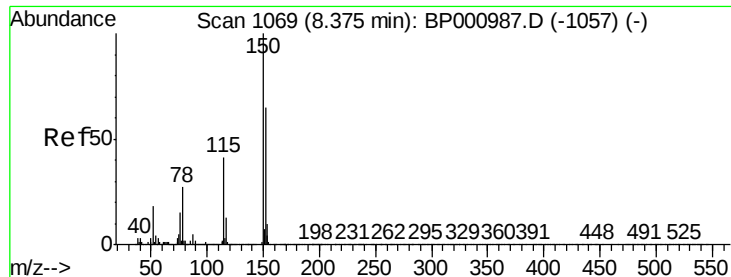
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001028.D

Acq: 11 Nov 2019 21:10

Instrument :

BNA_P

ClientSampleId :

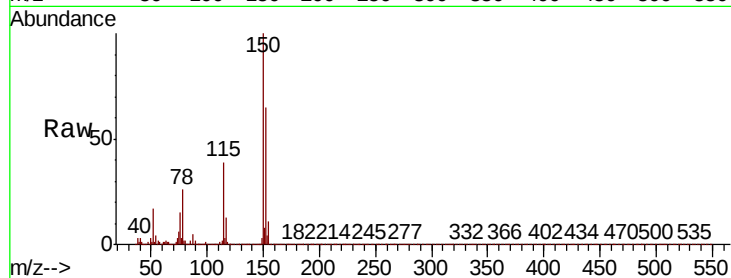
Tot Ion:152 Resp: 245100

Ion Ratio Lower Upper

152 100

150 152.8 123.6 185.4

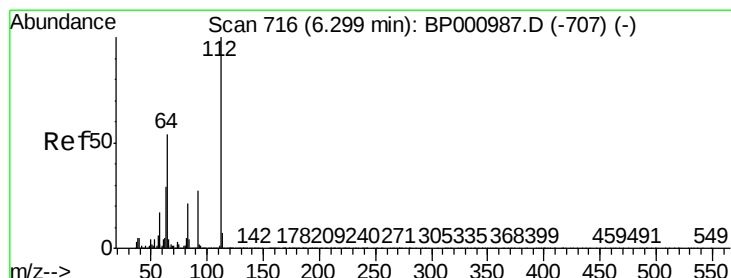
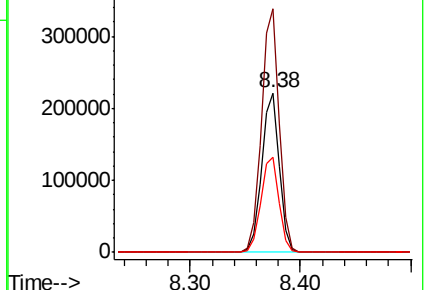
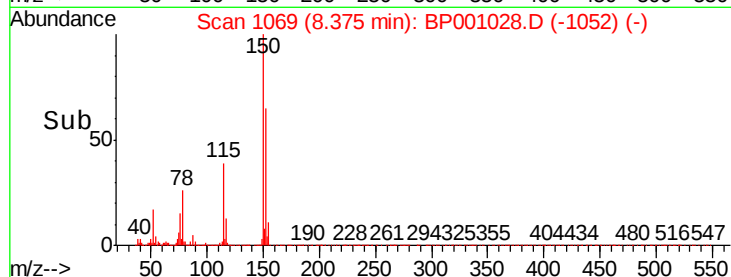
115 59.9 50.1 75.1



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: 98.003 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BP001028.D

Acq: 11 Nov 2019 21:10

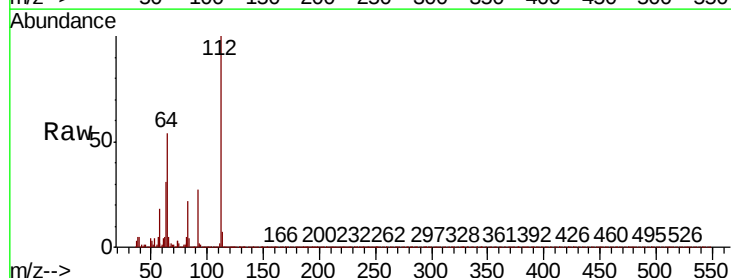
Tgt Ion:112 Resp: 1319678

Ion Ratio Lower Upper

112 100

64 53.9 43.4 65.0

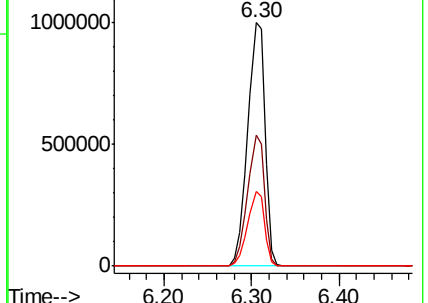
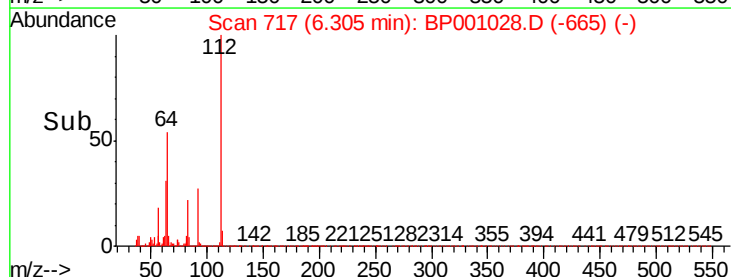
63 30.8 23.4 35.0

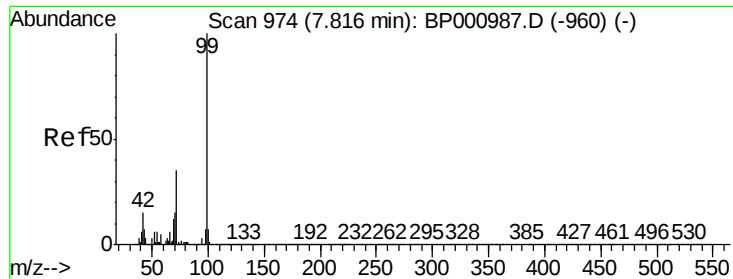


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 102.921 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001028.D

Acq: 11 Nov 2019 21:10

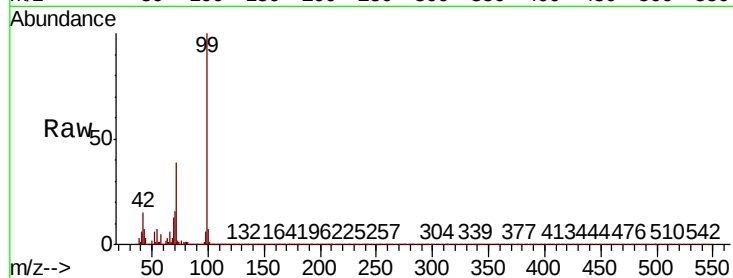
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1752565

Ion	Ratio	Lower	Upper
99	100		
42	15.4	11.6	17.4
71	39.2	28.0	42.0

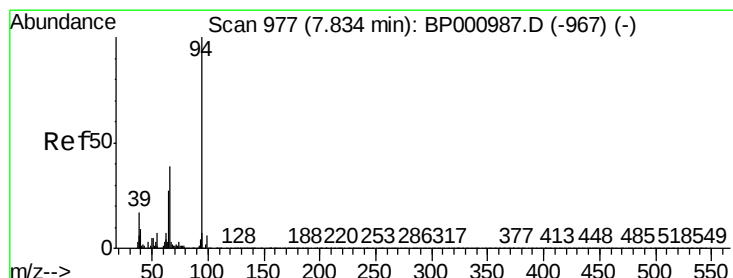
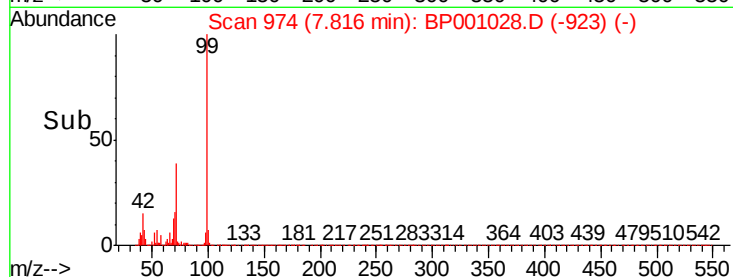
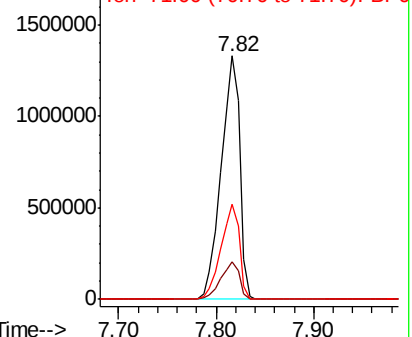


Abundance

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: 6.462 ng

RT: 7.83 min Scan# 977

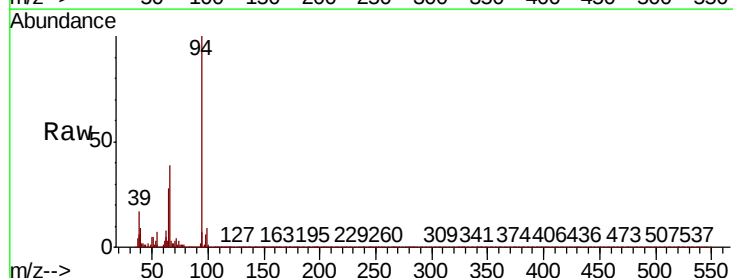
Delta R.T. -0.00 min

Lab File: BP001028.D

Acq: 11 Nov 2019 21:10

Tgt Ion: 94 Resp: 120351

Ion	Ratio	Lower	Upper
94	100		
65	27.9	6.7	46.7
66	39.1	18.6	58.6

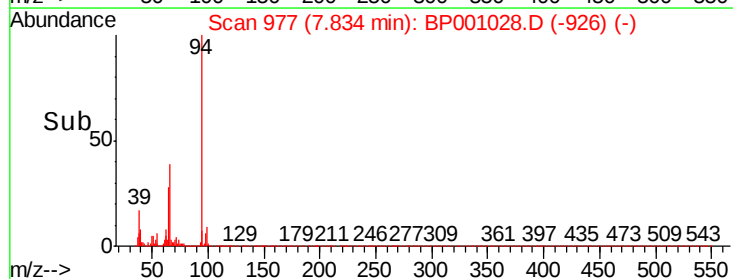
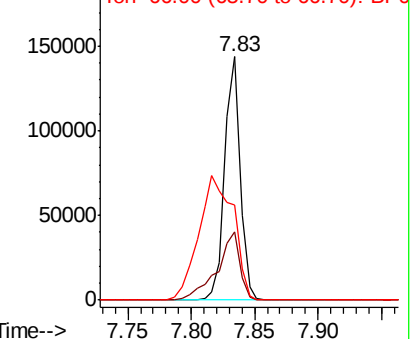


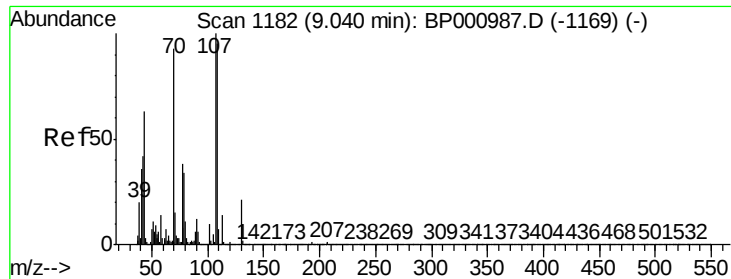
Abundance

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

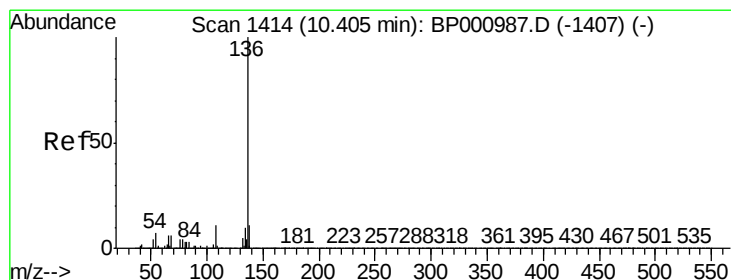
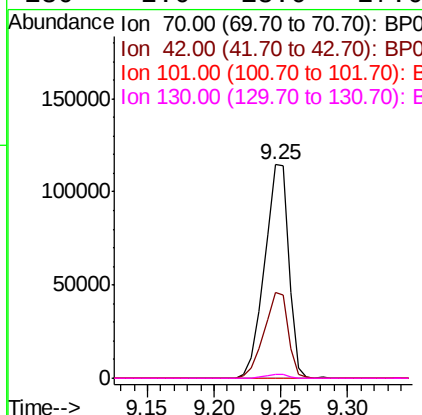
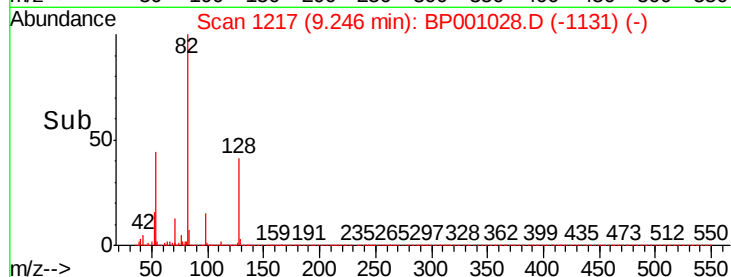
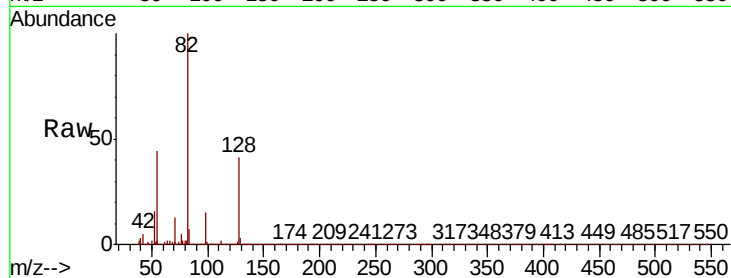




#19
n-Nitroso-di-n-propylamine
Concen: 14.131 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.21 min
Lab File: BP001028.D
Acq: 11 Nov 2019 21:10

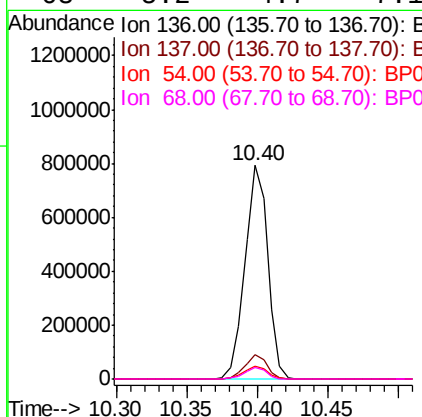
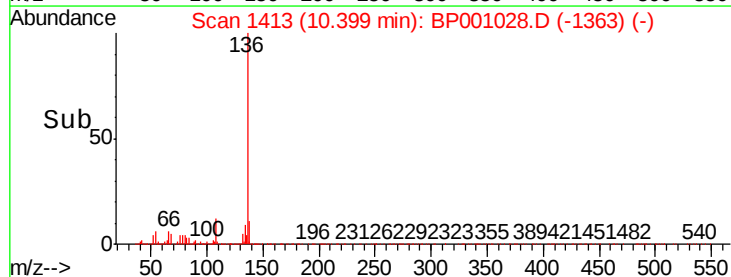
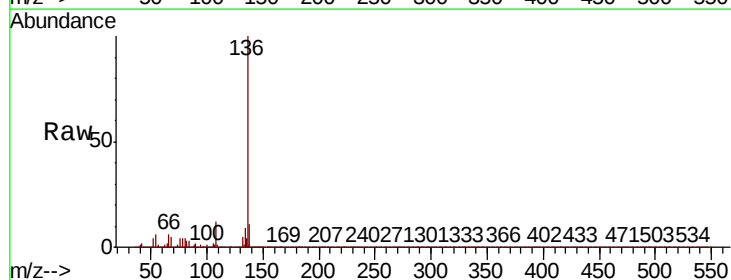
Instrument :
BNA_P
ClientSampleId :

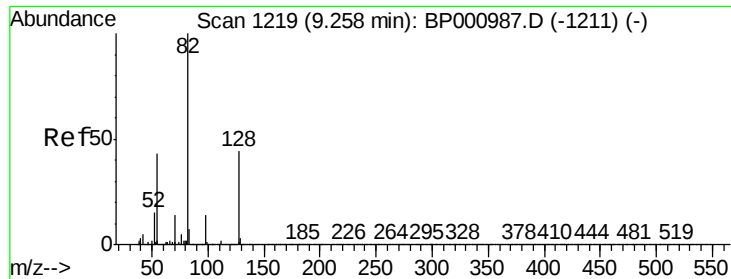
Tot Ion: 70 Resp: 144483
Ion Ratio Lower Upper
70 100
42 40.4 36.3 54.5
101 0.0 8.7 13.1#
130 2.0 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001028.D
Acq: 11 Nov 2019 21:10

Tgt Ion: 136 Resp: 891730
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 6.3 5.4 8.2
68 5.2 4.7 7.1

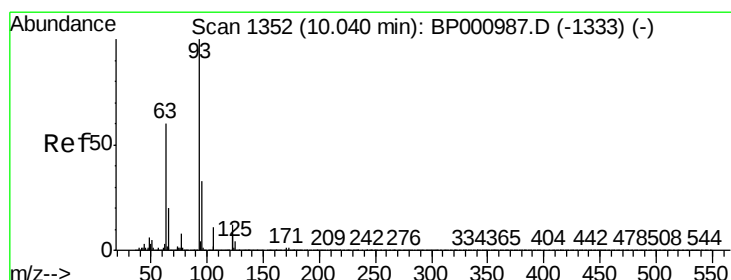
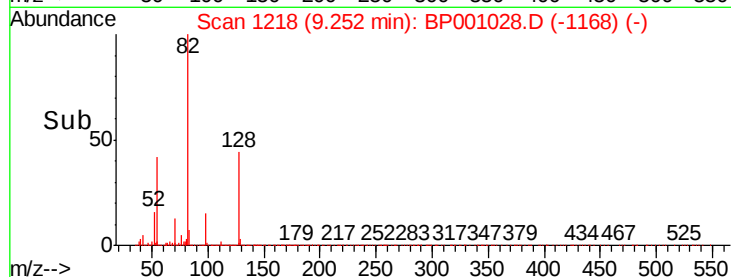
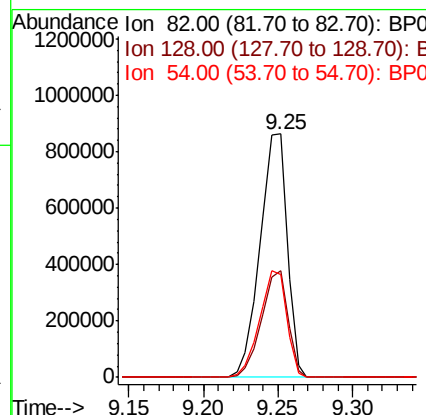
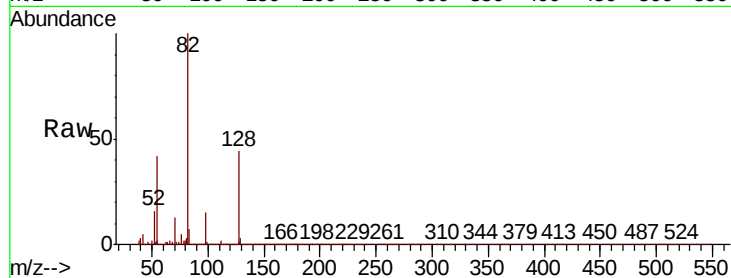




#23
 Nitrobenzene-d5
 Concen: 67.082 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BP001028.D
 Acq: 11 Nov 2019 21:10

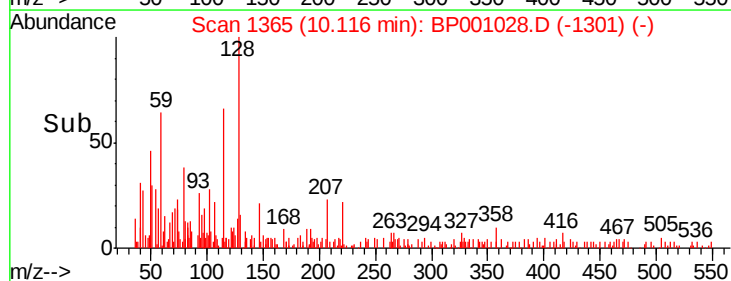
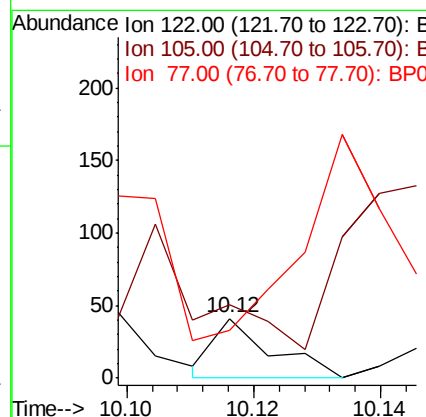
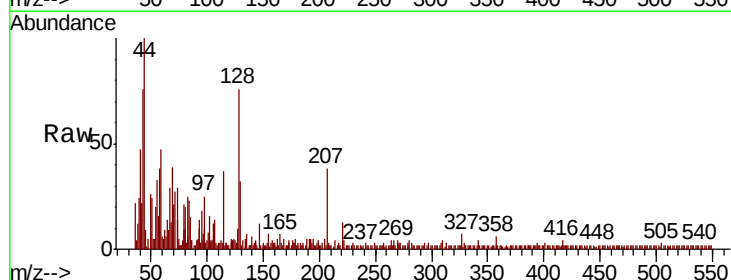
Instrument :
 BNA_P
 ClientSampleId :

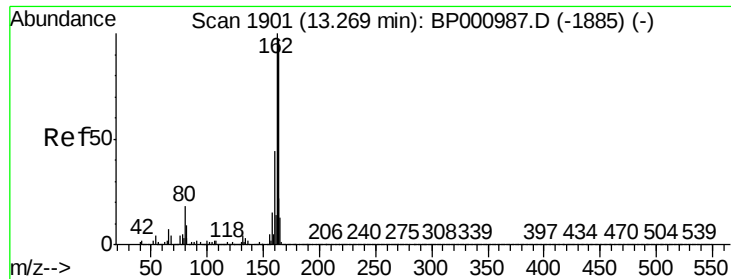
Tot Ion: 82 Resp: 1081392
 Ion Ratio Lower Upper
 82 100
 128 44.0 35.3 52.9
 54 42.4 34.3 51.5



#32
 Benzoic acid
 Concen: 7.671 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.08 min
 Lab File: BP001028.D
 Acq: 11 Nov 2019 21:10

Tgt Ion:122 Resp: 26
 Ion Ratio Lower Upper
 122 100
 105 124.4 110.5 150.5
 77 80.5 77.9 117.9

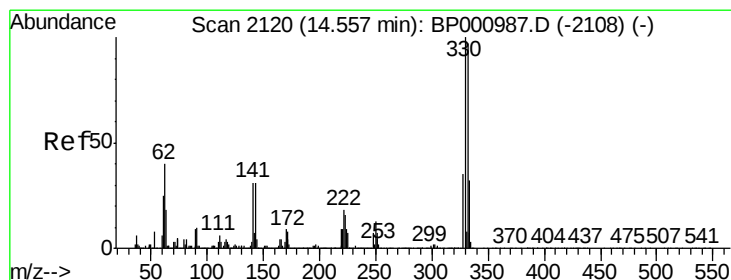
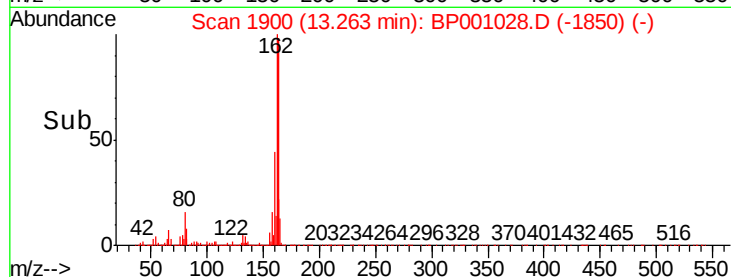
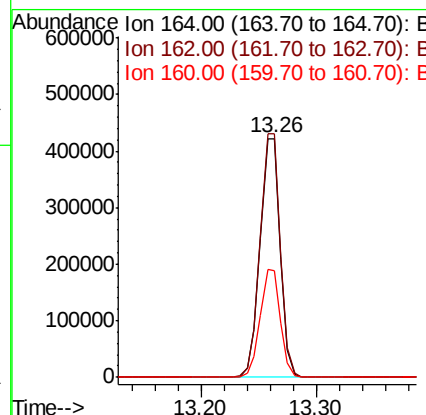
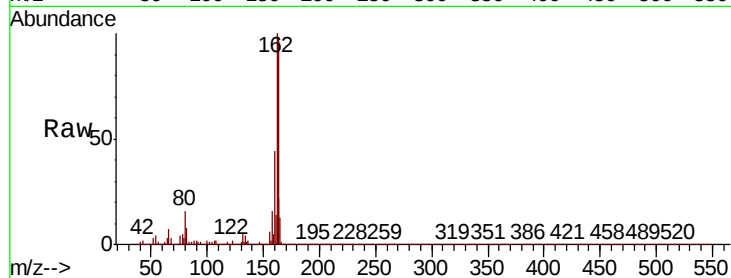




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001028.D
Acq: 11 Nov 2019 21:10

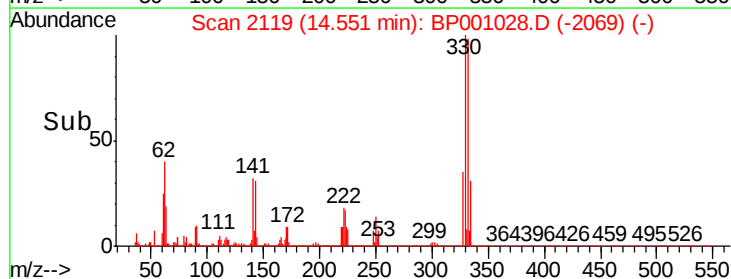
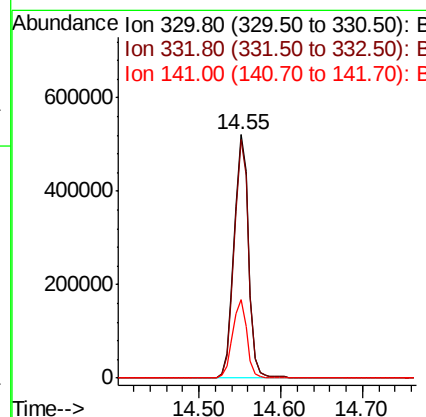
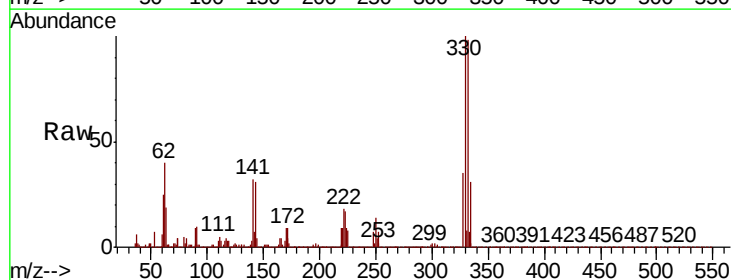
Instrument :
BNA_P
ClientSampled :

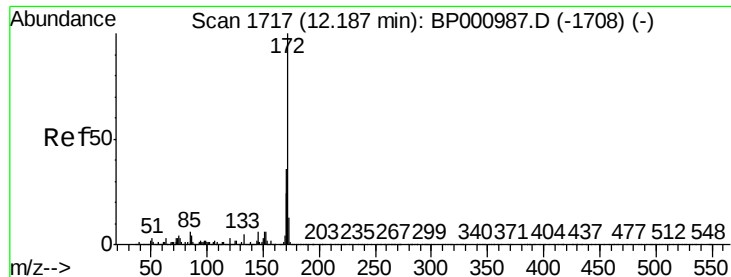
Tot Ion:164 Resp: 513548
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 44.8 36.5 54.7



#42
2,4,6-Tribromophenol
Concen: 105.669 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP001028.D
Acq: 11 Nov 2019 21:10

Tgt Ion:330 Resp: 647815
Ion Ratio Lower Upper
330 100
332 97.6 78.3 117.5
141 31.5 25.0 37.4

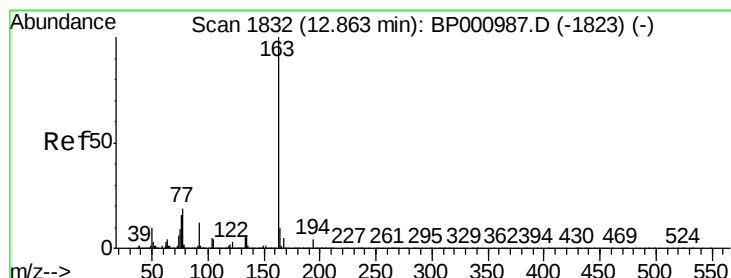
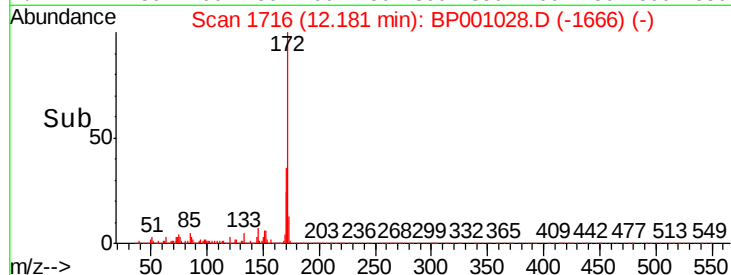
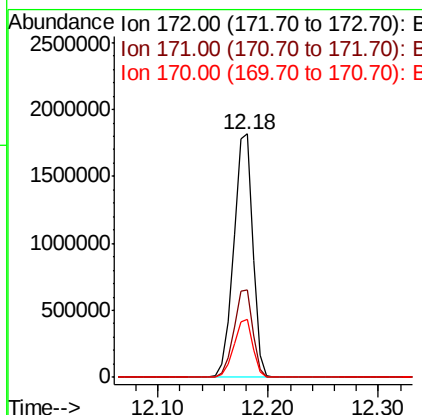
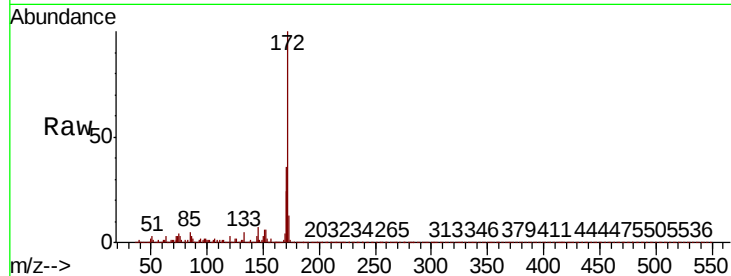




#45
2-Fluorobiphenyl
Concen: 64.679 ng
RT: 12.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BP001028.D
Acq: 11 Nov 2019 21:10

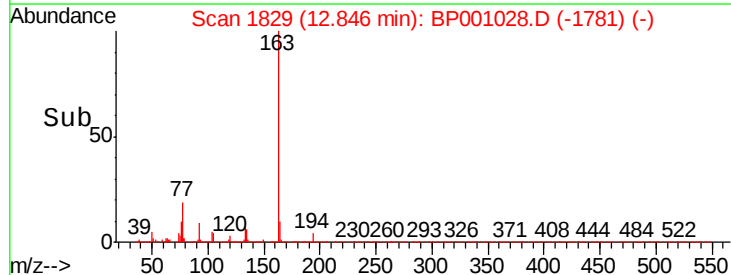
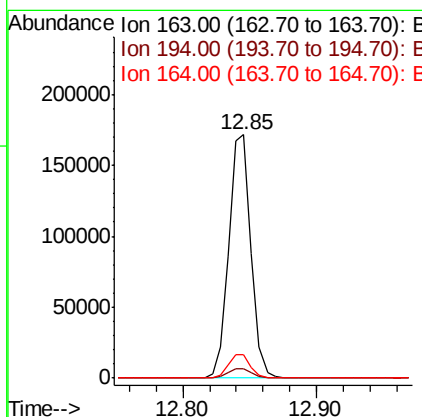
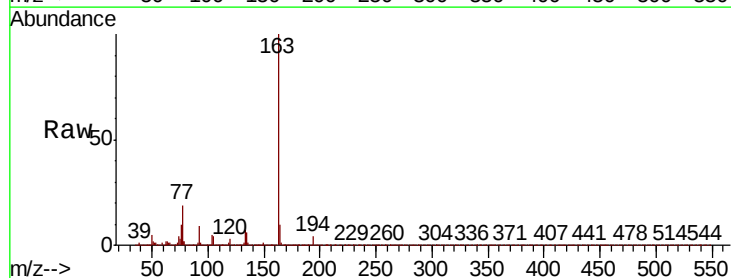
Instrument :
BNA_P
ClientSampled :

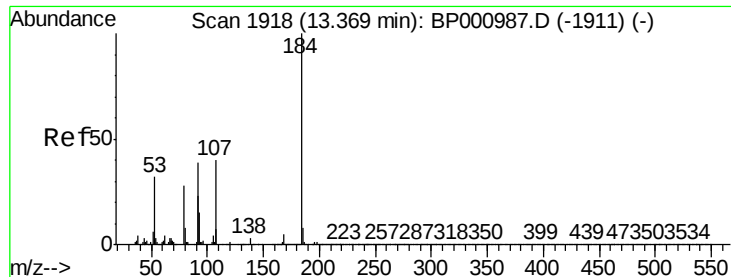
Tot Ion:172 Resp: 2205437
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.7 18.9 28.3



#50
Dimethylphthalate
Concen: 5.267 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BP001028.D
Acq: 11 Nov 2019 21:10

Tgt Ion:163 Resp: 200021
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 9.8 7.9 11.9

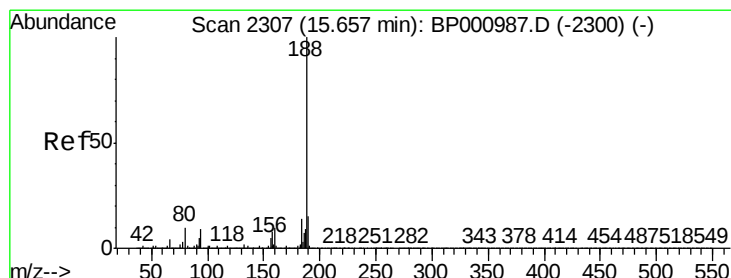
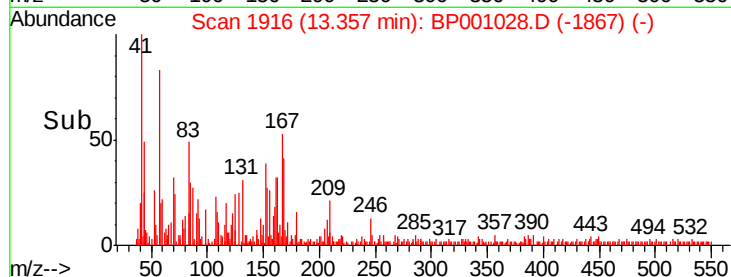
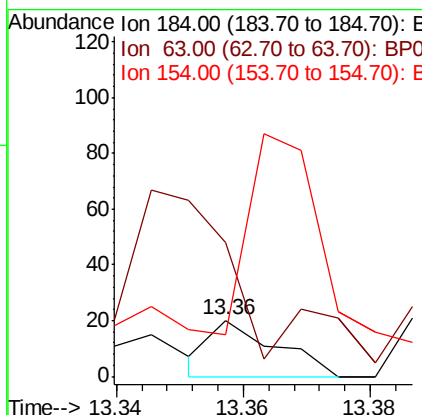
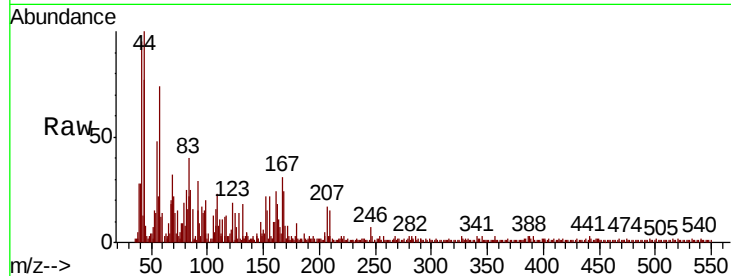




#54
2,4-Dinitrophenol
Concen: 8.313 ng
RT: 13.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BP001028.D
Acq: 11 Nov 2019 21:10

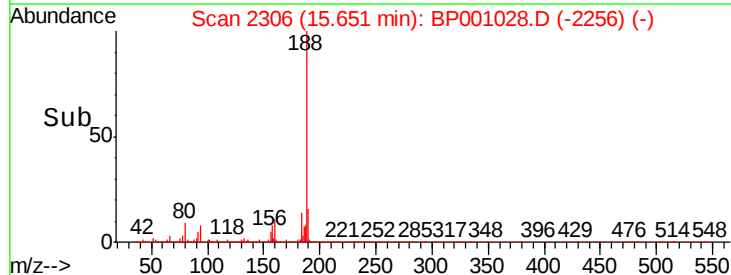
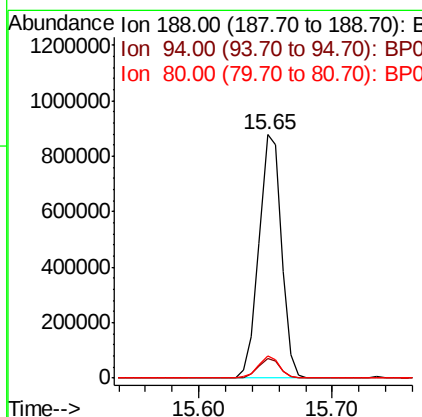
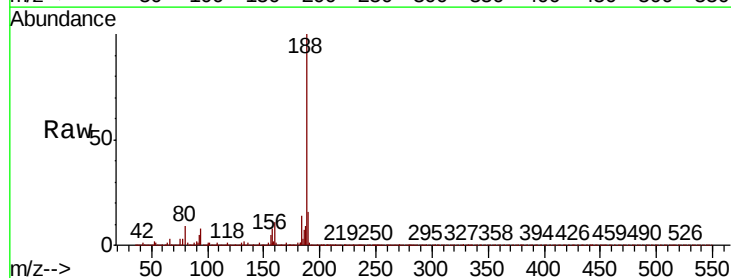
Instrument :
BNA_P
ClientSampled :

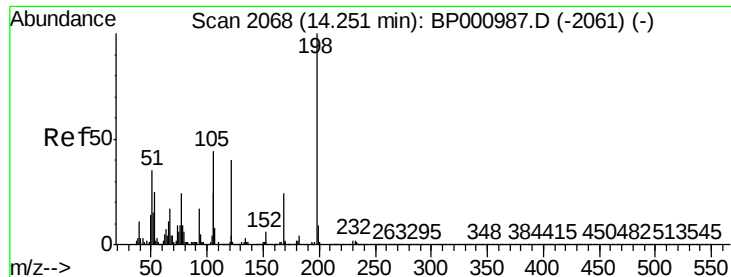
Tot Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 240.0 41.0 61.6#
154 75.0 48.1 72.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001028.D
Acq: 11 Nov 2019 21:10

Tgt Ion:188 Resp: 1011058
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.9 7.9 11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 9.890 ng

RT: 14.20 min Scan# 2059

Delta R.T. -0.05 min

Lab File: BP001028.D

Acq: 11 Nov 2019 21:10

Instrument :

BNA_P

ClientSampleId :

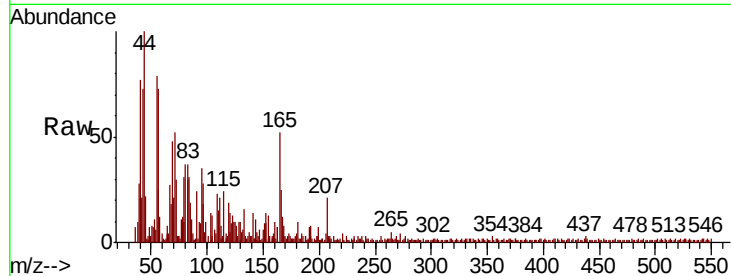
Tot Ion:198 Resp: 35

Ion Ratio Lower Upper

198 100

51 125.0 16.0 56.0#

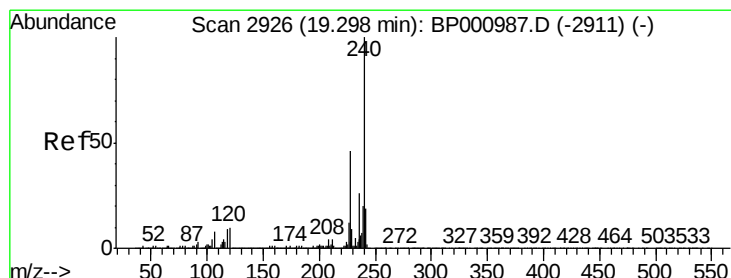
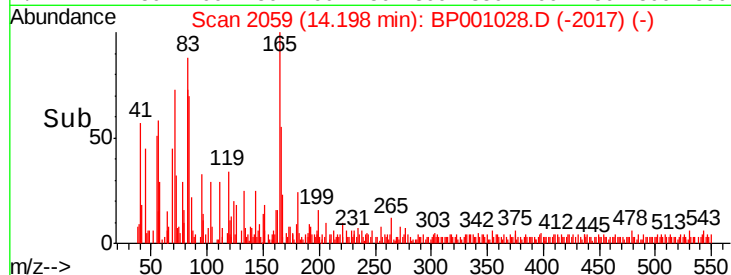
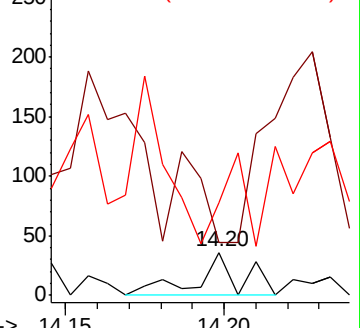
105 216.7 24.9 64.9#



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: BP001028.D

Acq: 11 Nov 2019 21:10

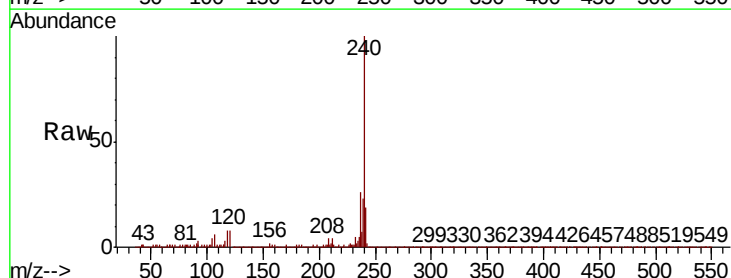
Tgt Ion:240 Resp: 818582

Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.2

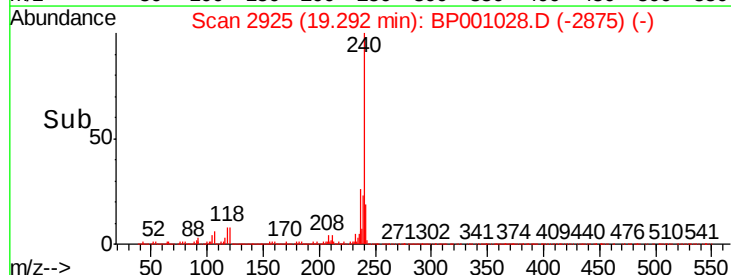
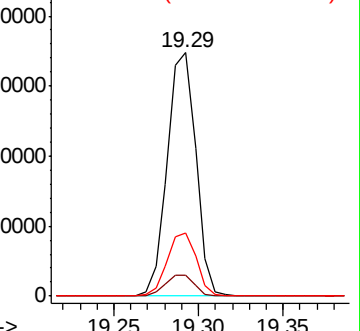
236 26.1 20.5 30.7

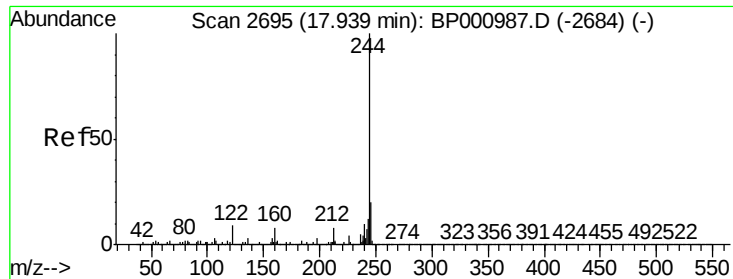


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

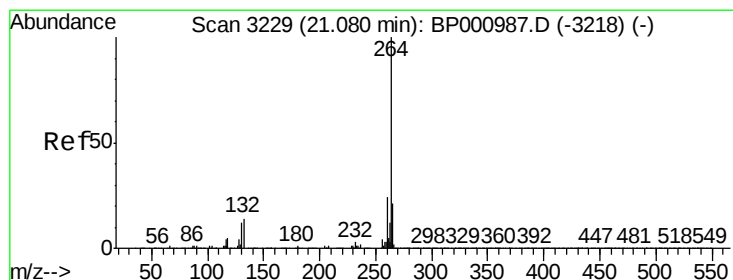
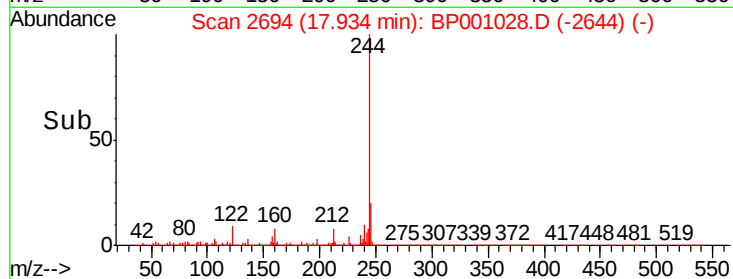
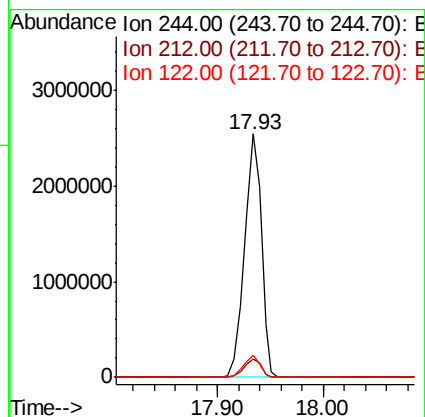
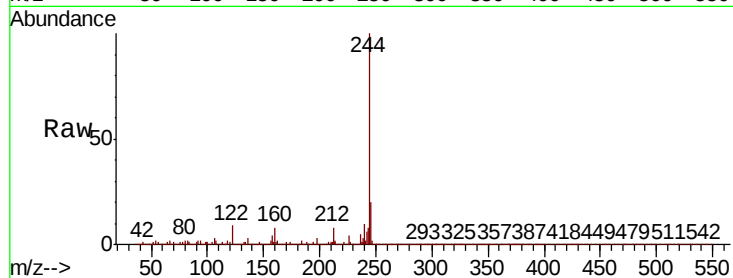




#79
 Terphenyl-d14
 Concen: 67.226 ng
 RT: 17.93 min Scan# 2694
 Delta R.T. -0.01 min
 Lab File: BP001028.D
 Acq: 11 Nov 2019 21:10

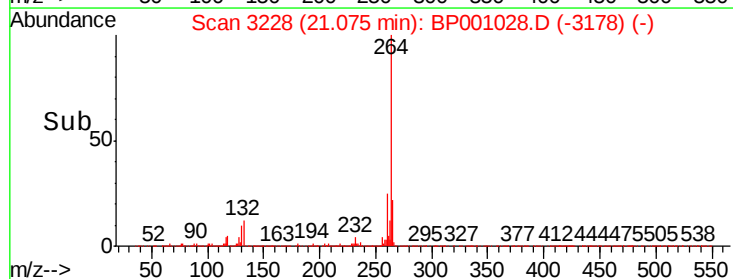
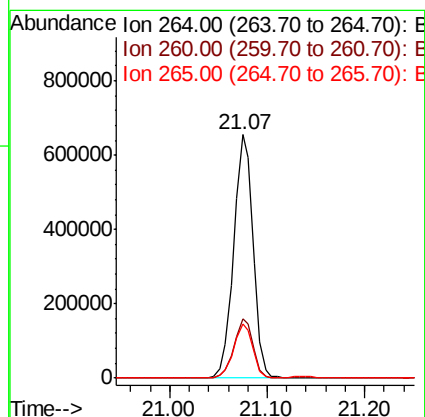
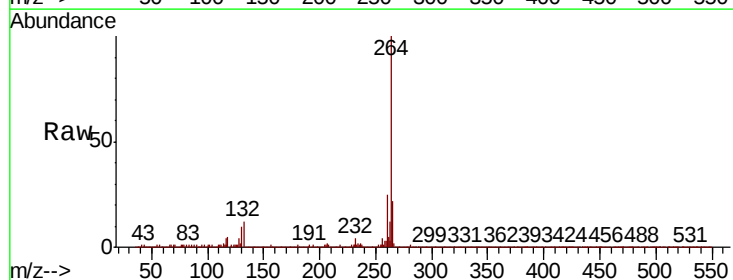
Instrument :
 BNA_P
 ClientSampleId :

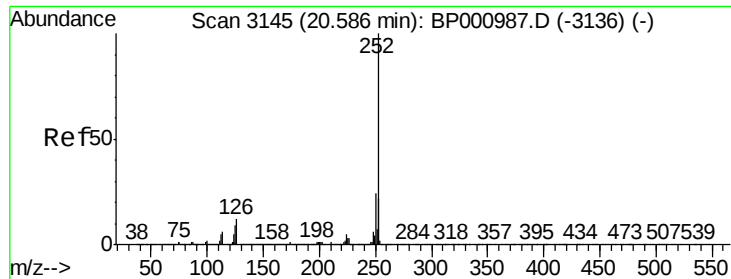
Tot Ion:244 Resp: 2766525
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 8.9 7.4 11.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3228
 Delta R.T. -0.01 min
 Lab File: BP001028.D
 Acq: 11 Nov 2019 21:10

Tgt Ion:264 Resp: 896264
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 22.2 17.1 25.7

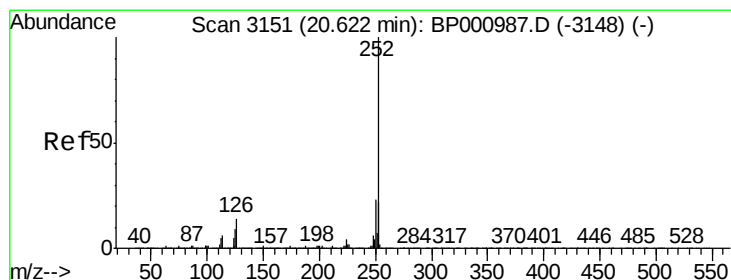
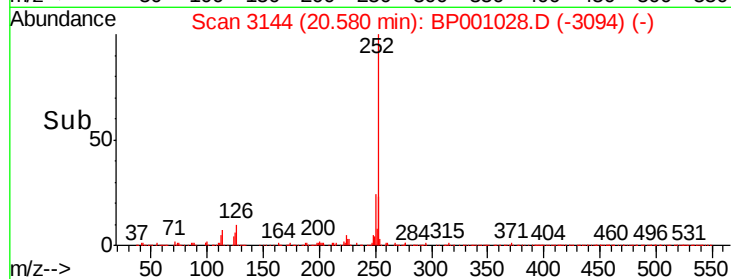
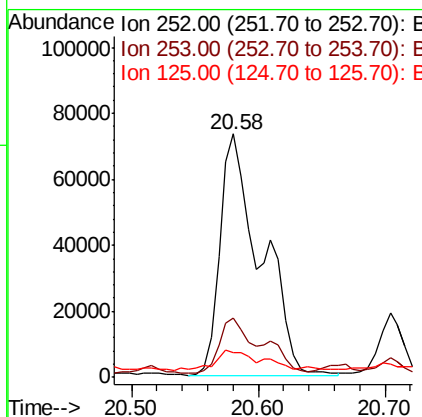
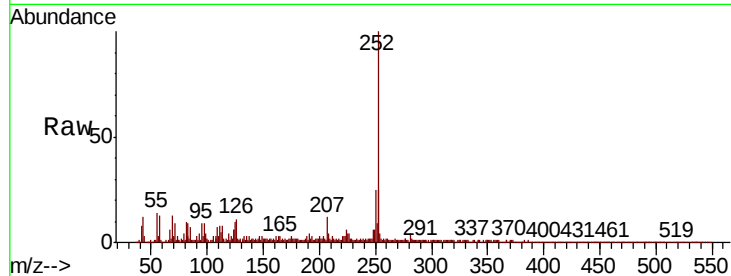




#88
Benzo(b)fluoranthene
Concen: 3.054 ng
RT: 20.58 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BP001028.D
Acq: 11 Nov 2019 21:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion:252	Resp:	163145
Ion Ratio	Lower	Upper
252	100	
253	24.5	17.9 26.9
125	10.2	7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 3.244 ng
RT: 20.58 min Scan# 3144
Delta R.T. -0.04 min
Lab File: BP001028.D
Acq: 11 Nov 2019 21:10

Tgt Ion:252	Resp:	163145
Ion Ratio	Lower	Upper
252	100	
253	24.5	17.7 26.5
125	10.2	7.3 10.9

