

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
 Data File : BP001027.D
 Acq On : 11 Nov 2019 20:40
 Operator : JU
 Sample : K5778-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 12 04:16:47 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

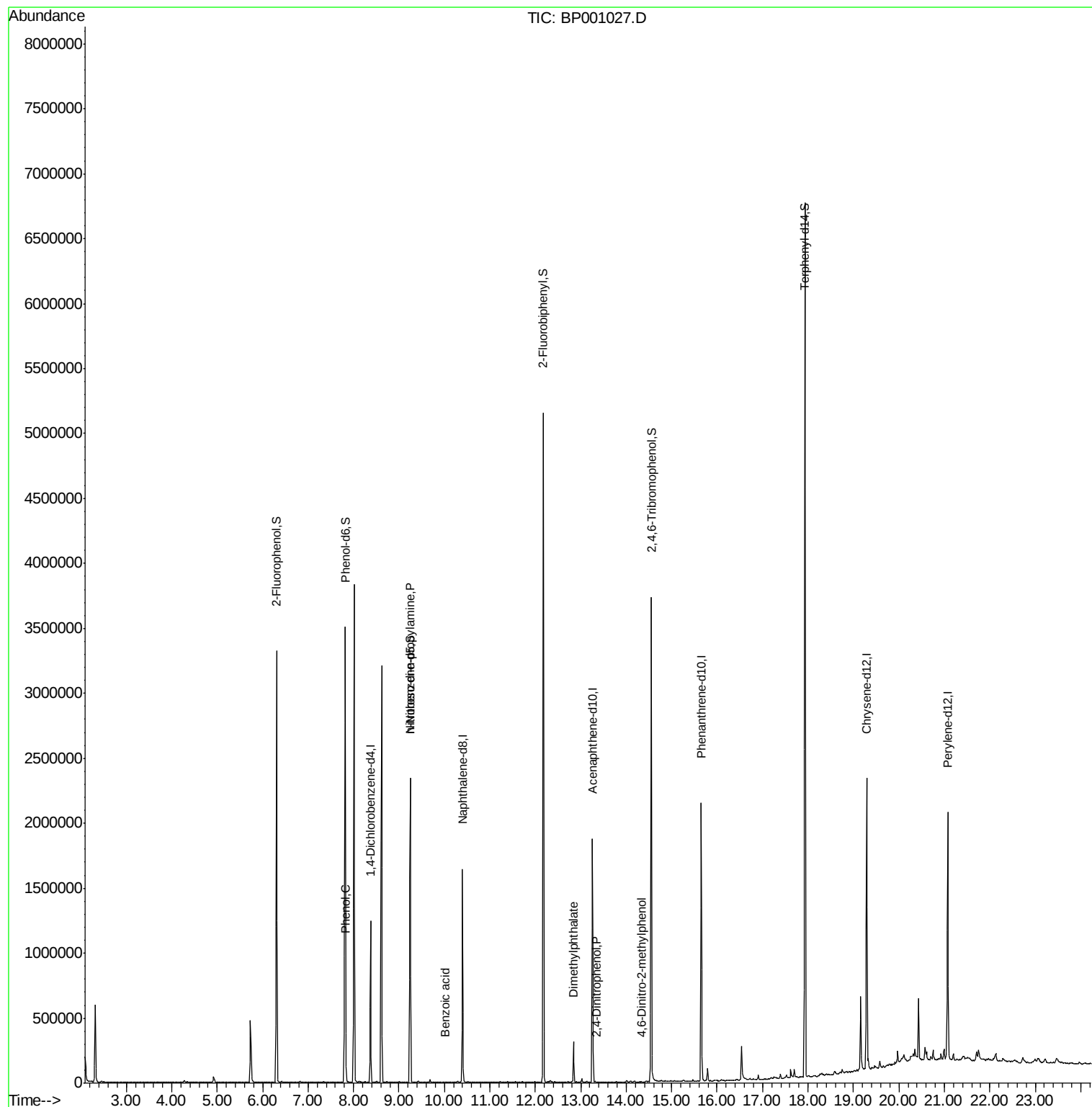
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	242796	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	901726	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	521913	20.00	ng	-0.01
64) Phenanthrene-d10	15.65	188	1023503	20.00	ng	0.00
76) Chrysene-d12	19.29	240	898440	20.00	ng	0.00
87) Perylene-d12	21.07	264	994504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	1249430	93.67	ng	0.00
7) Phenol-d6	7.82	99	1642471	97.37	ng	0.00
23) Nitrobenzene-d5	9.25	82	1013947	62.20	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	630786	101.24	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	2142012	61.81	ng	0.00
79) Terphenyl-d14	17.93	244	2792771	61.83	ng	0.00
Target Compounds						
10) Phenol	7.83	94	108360	5.873	ng	97
19) n-Nitroso-di-n-propylamine	9.25	70	136406	13.467	ng	# 80
32) Benzoic acid	10.03	122	15	7.670	ng	# 52
50) Dimethylphthalate	12.85	163	165963	4.300	ng	99
54) 2,4-Dinitrophenol	13.35	184	20	8.315	ng	# 1
65) 4,6-Dinitro-2-methylphenol	14.33	198	35	9.890	ng	# 1

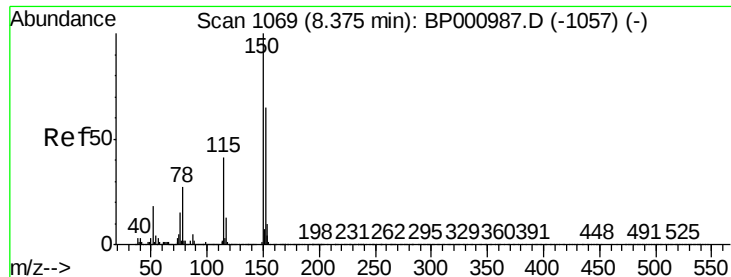
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.38 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BP001027.D

Acq: 11 Nov 2019 20:40

Instrument :

BNA_P

ClientSampleId :

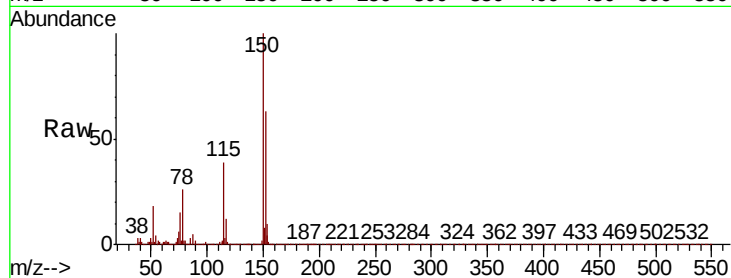
Tot Ion:152 Resp: 242796

Ion Ratio Lower Upper

152 100

150 157.7 123.6 185.4

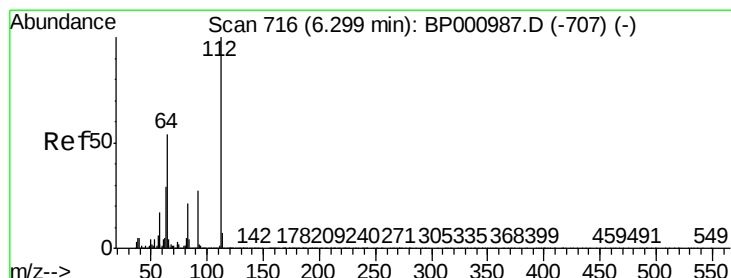
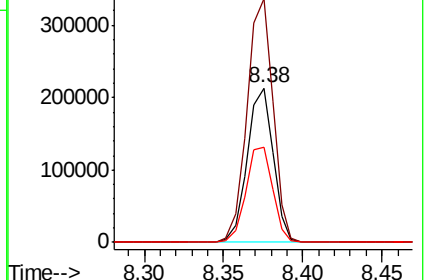
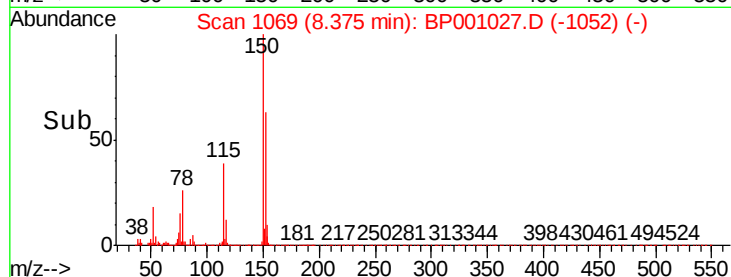
115 61.9 50.1 75.1



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: 93.666 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BP001027.D

Acq: 11 Nov 2019 20:40

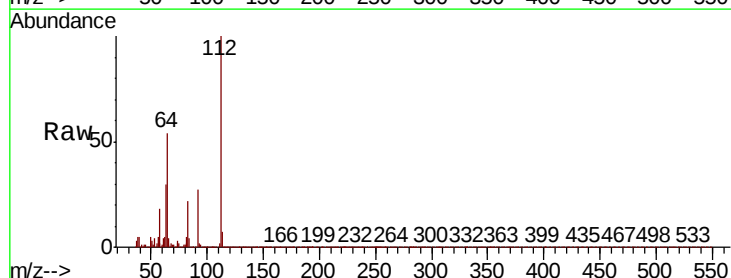
Tgt Ion:112 Resp: 1249430

Ion Ratio Lower Upper

112 100

64 53.6 43.4 65.0

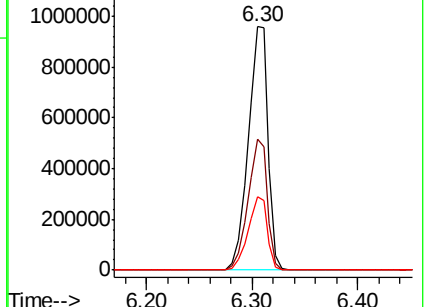
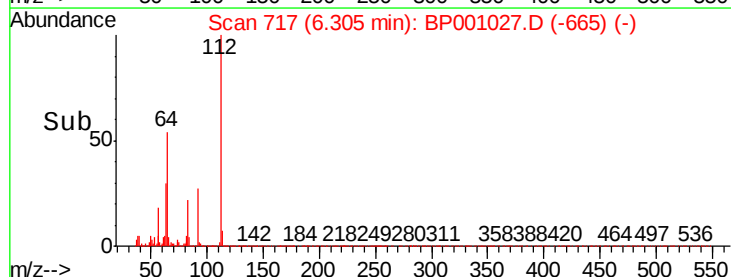
63 30.2 23.4 35.0

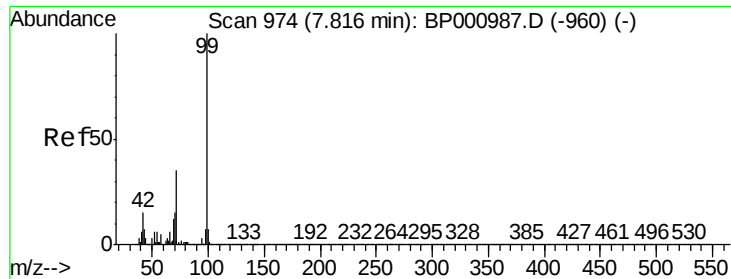


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 97.371 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001027.D

Acq: 11 Nov 2019 20:40

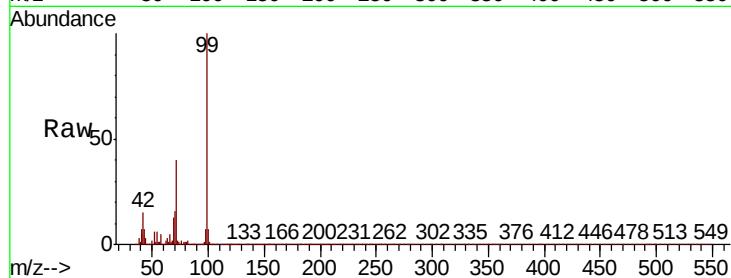
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1642471

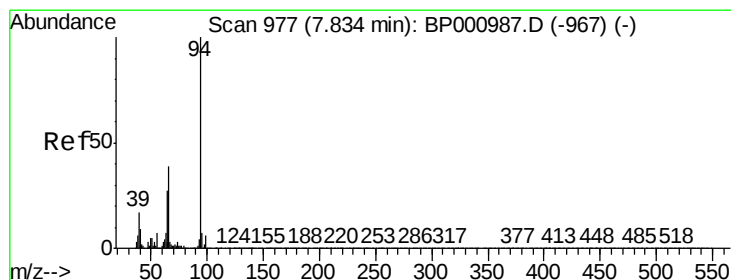
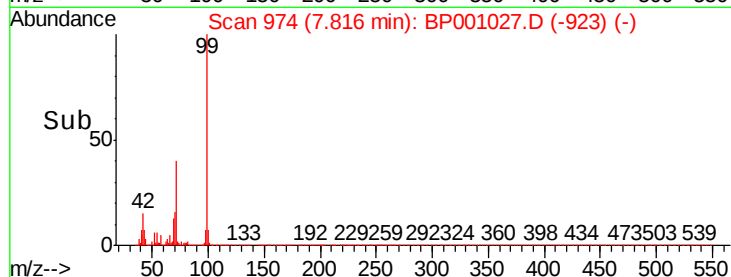
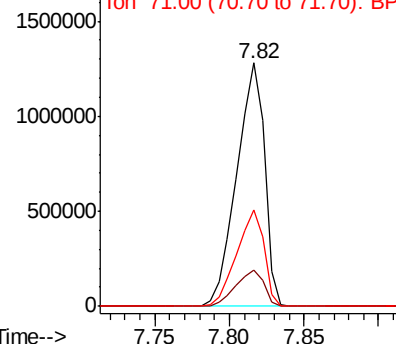
Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.6	17.4
71	39.5	28.0	42.0



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: 5.873 ng

RT: 7.83 min Scan# 977

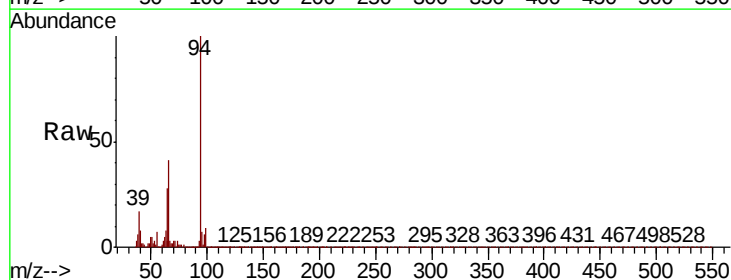
Delta R.T. -0.00 min

Lab File: BP001027.D

Acq: 11 Nov 2019 20:40

Tgt Ion: 94 Resp: 108360

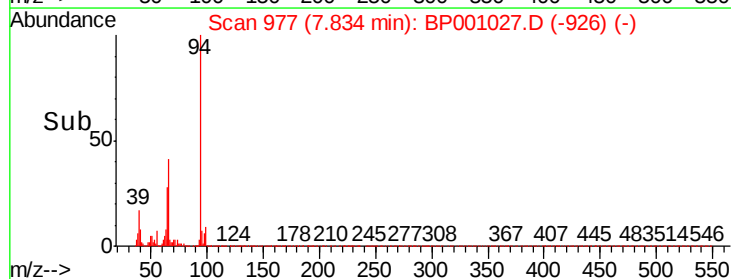
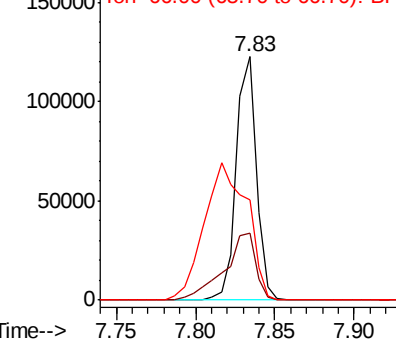
Ion	Ratio	Lower	Upper
94	100		
65	27.6	6.7	46.7
66	41.0	18.6	58.6

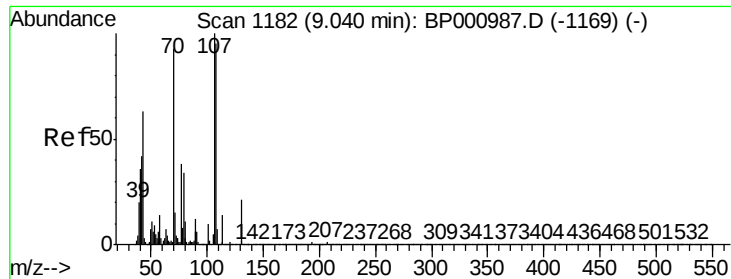


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

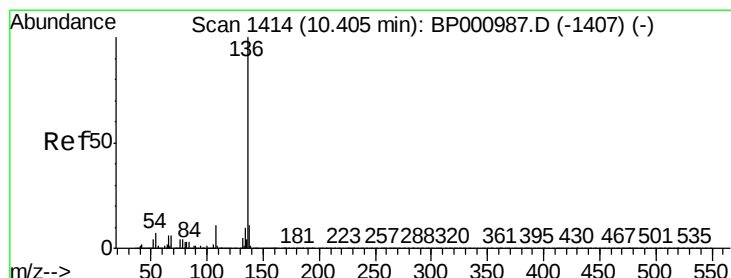
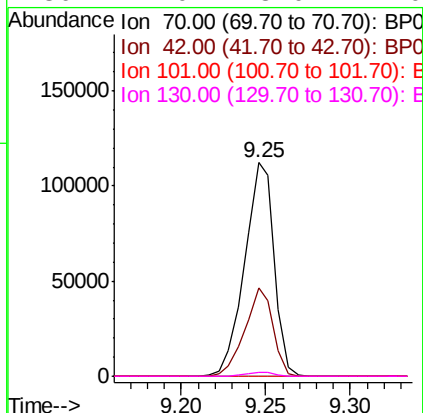
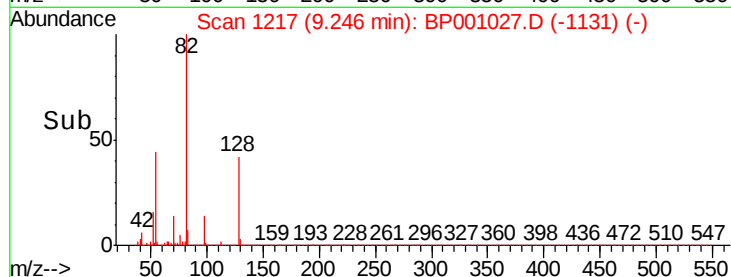
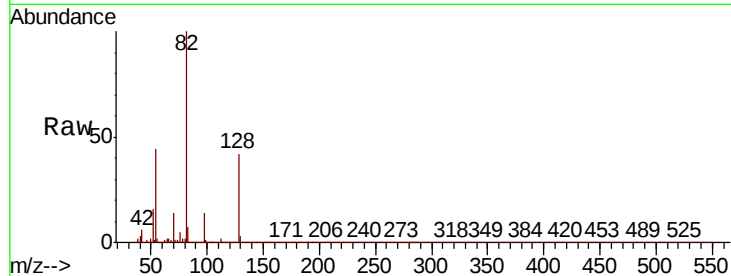




#19
n-Nitroso-di-n-propylamine
Concen: 13.467 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.21 min
Lab File: BP001027.D
Acq: 11 Nov 2019 20:40

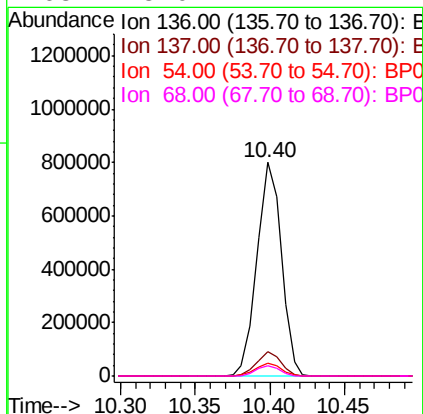
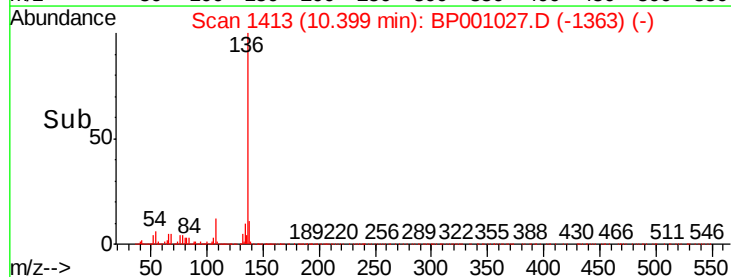
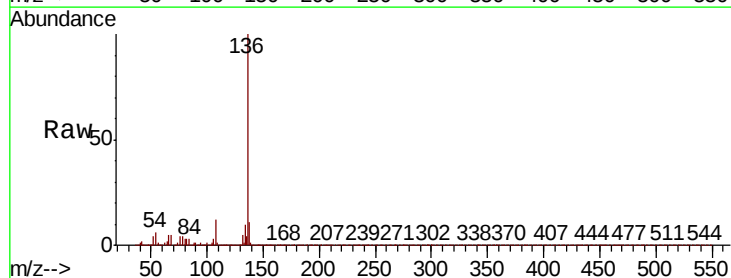
Instrument :
BNA_P
ClientSampleId :

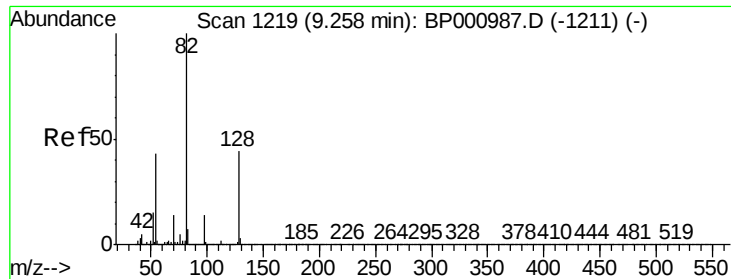
Tot Ion: 70 Resp: 136406
Ion Ratio Lower Upper
70 100
42 41.4 36.3 54.5
101 0.0 8.7 13.1#
130 2.0 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001027.D
Acq: 11 Nov 2019 20:40

Tgt Ion: 136 Resp: 901726
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 6.3 5.4 8.2
68 5.0 4.7 7.1

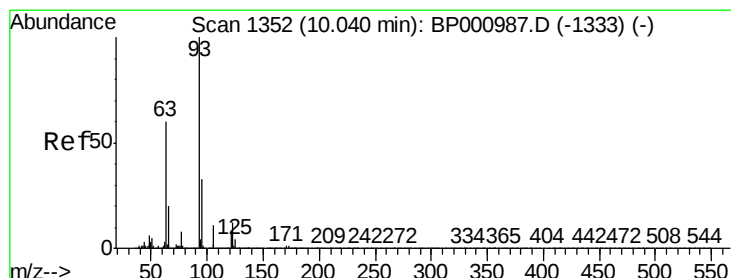
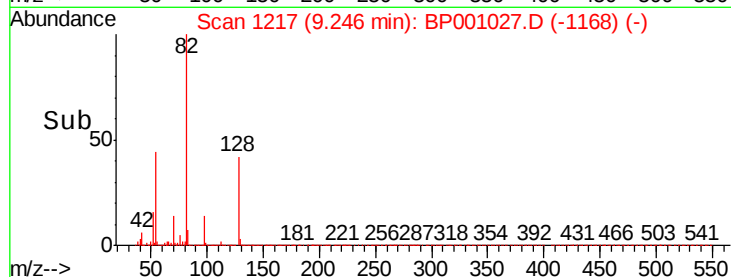
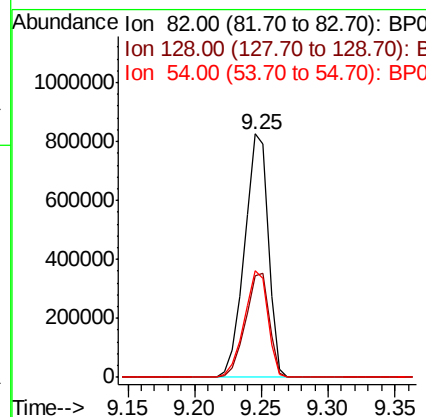
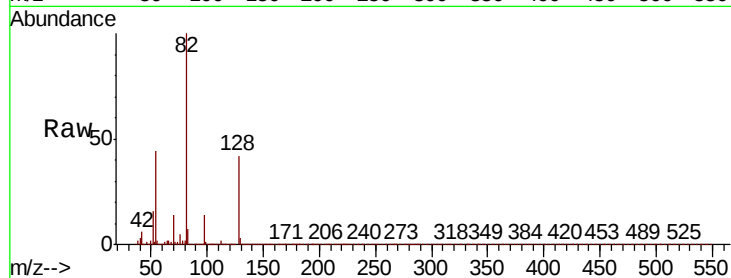




#23
Nitrobenzene-d5
Concen: 62.201 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001027.D
Acq: 11 Nov 2019 20:40

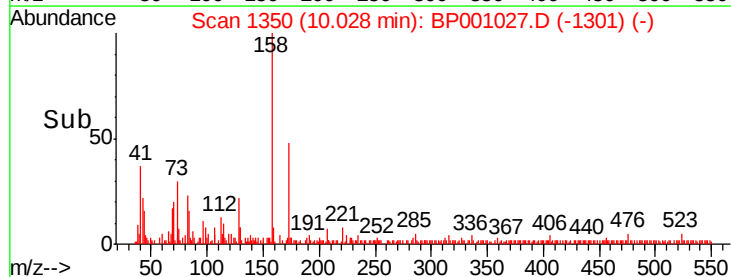
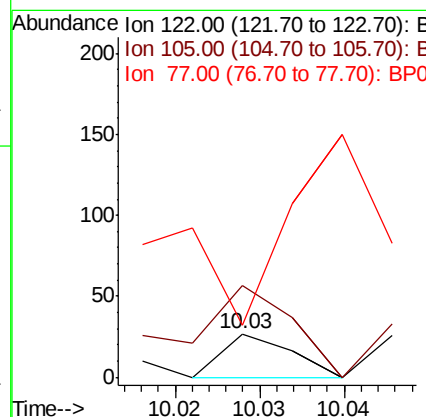
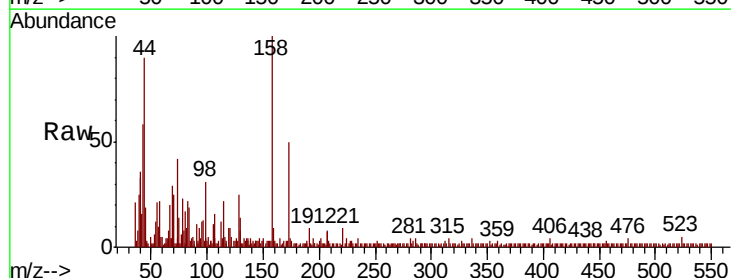
Instrument :
BNA_P
ClientSampled :

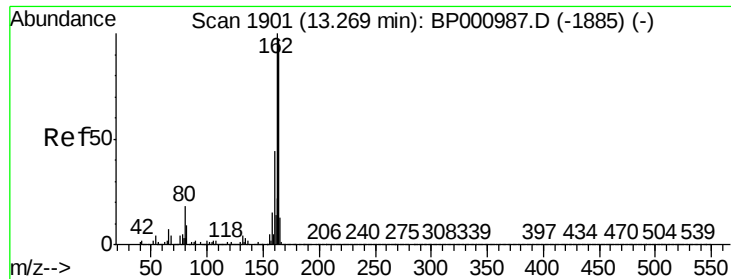
Tot Ion: 82 Resp: 1013947
Ion Ratio Lower Upper
82 100
128 41.7 35.3 52.9
54 43.8 34.3 51.5



#32
Benzoic acid
Concen: 7.670 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BP001027.D
Acq: 11 Nov 2019 20:40

Tgt Ion:122 Resp: 15
Ion Ratio Lower Upper
122 100
105 211.1 110.5 150.5#
77 118.5 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: BP001027.D

Acq: 11 Nov 2019 20:40

Instrument :

BNA_P

ClientSampleId :

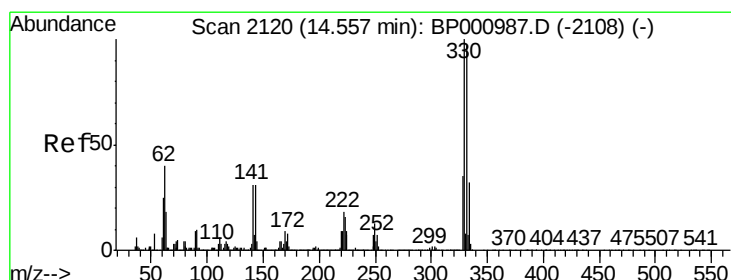
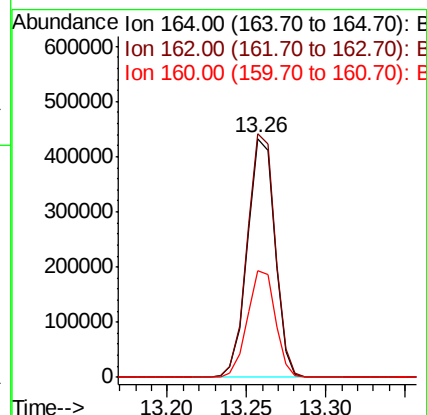
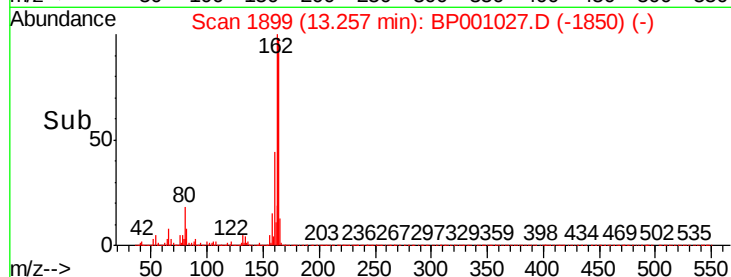
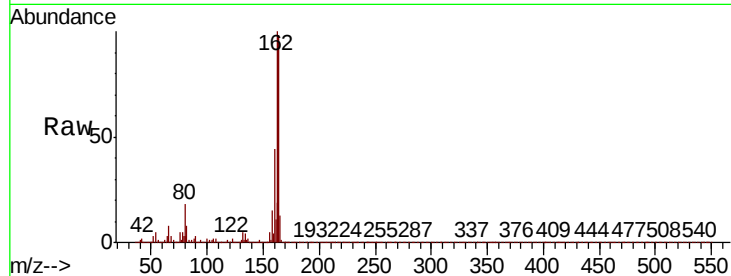
Tot Ion:164 Resp: 521913

Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

160 44.5 36.5 54.7



#42

2,4,6-Tribromophenol

Concen: 101.242 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BP001027.D

Acq: 11 Nov 2019 20:40

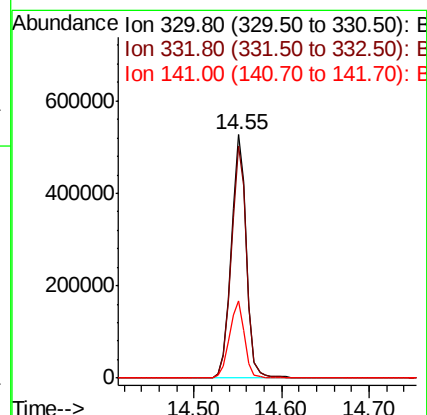
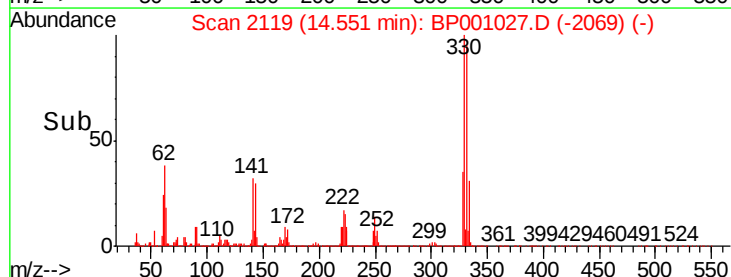
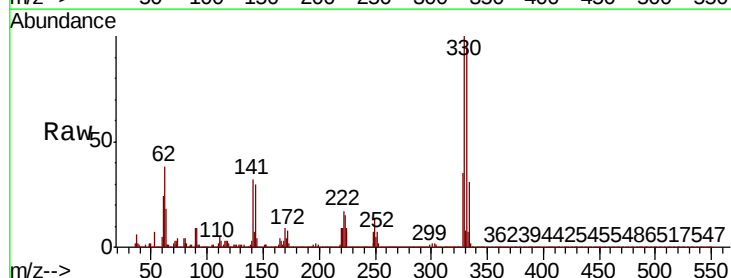
Tgt Ion:330 Resp: 630786

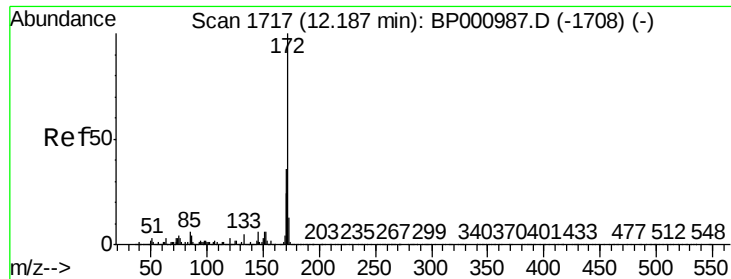
Ion Ratio Lower Upper

330 100

332 96.7 78.3 117.5

141 31.6 25.0 37.4

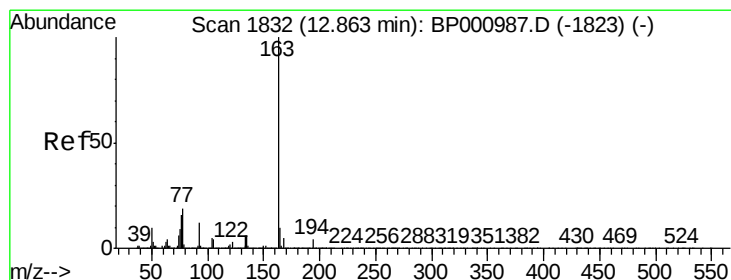
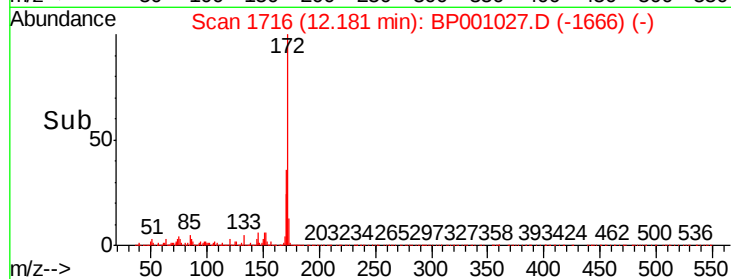
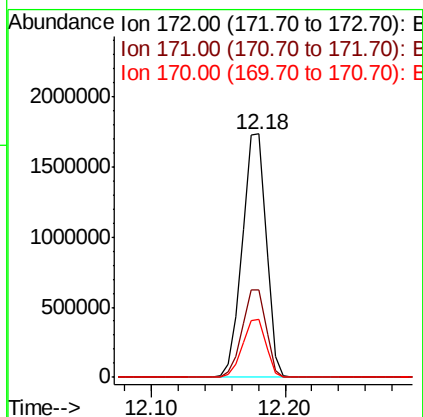
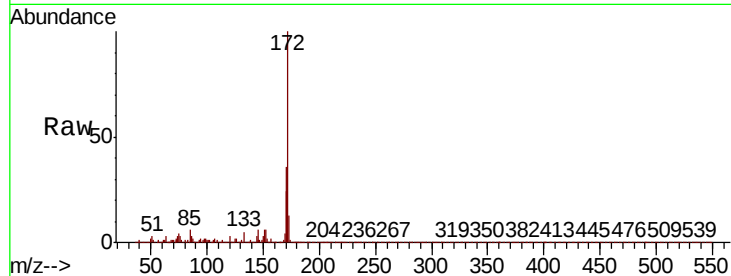




#45
2-Fluorobiphenyl
Concen: 61.812 ng
RT: 12.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BP001027.D
Acq: 11 Nov 2019 20:40

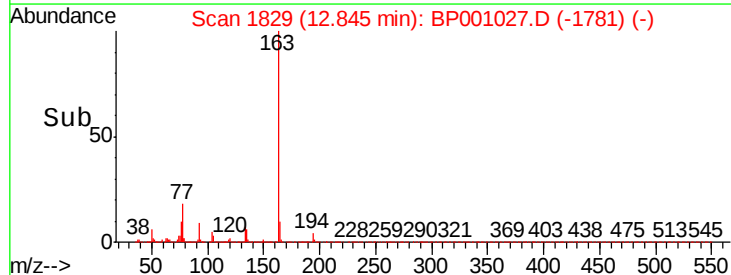
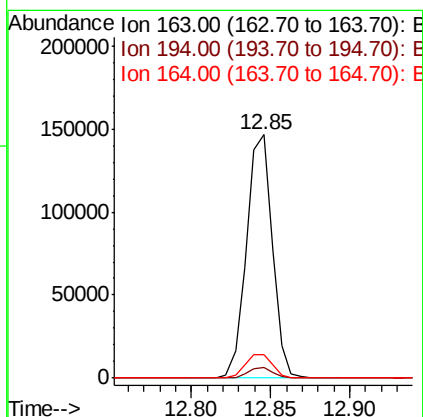
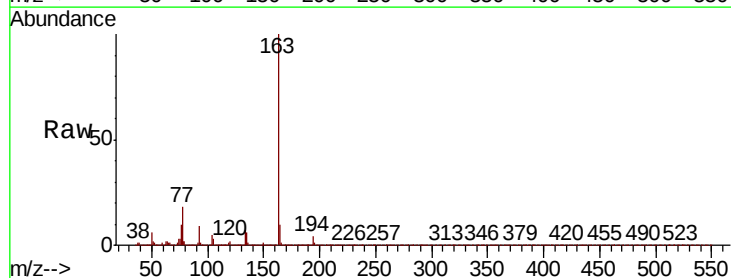
Instrument :
BNA_P
ClientSampleId :

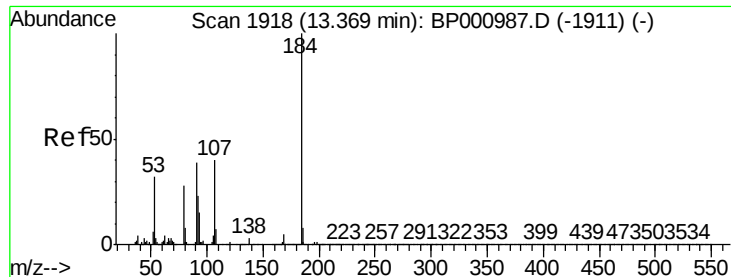
Tot Ion:172 Resp: 2142012
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.9 18.9 28.3



#50
Dimethylphthalate
Concen: 4.300 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BP001027.D
Acq: 11 Nov 2019 20:40

Tgt Ion:163 Resp: 165963
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.6 7.9 11.9

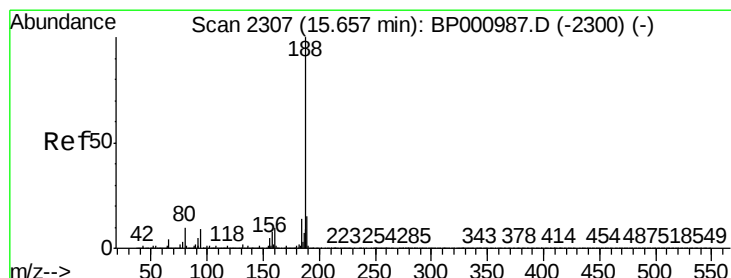
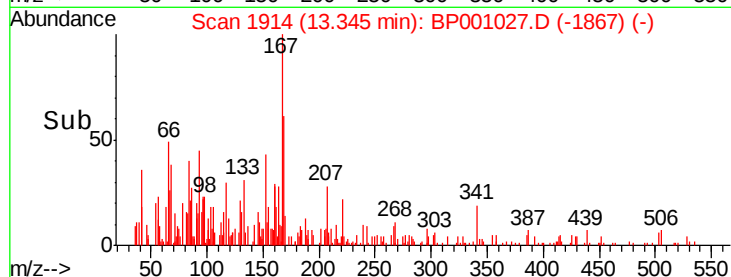
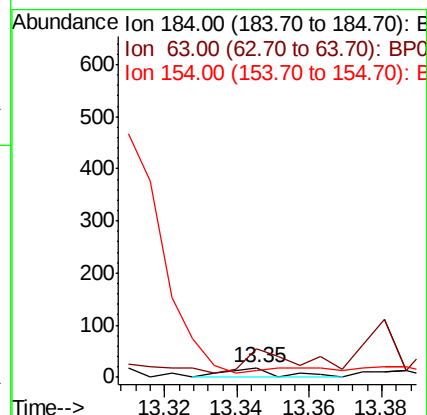
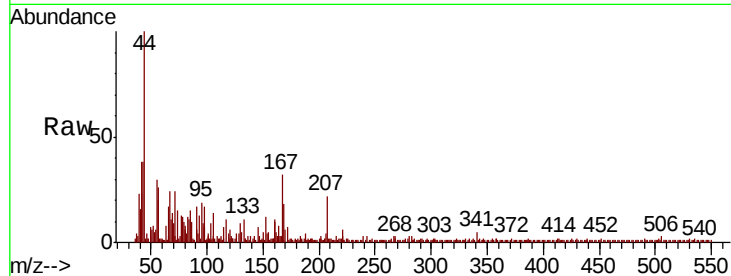




#54
2,4-Dinitrophenol
Concen: 8.315 ng
RT: 13.35 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BP001027.D
Acq: 11 Nov 2019 20:40

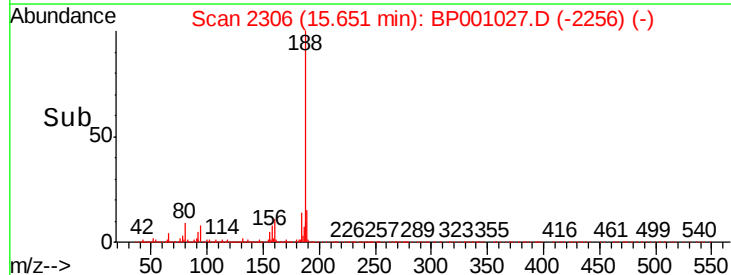
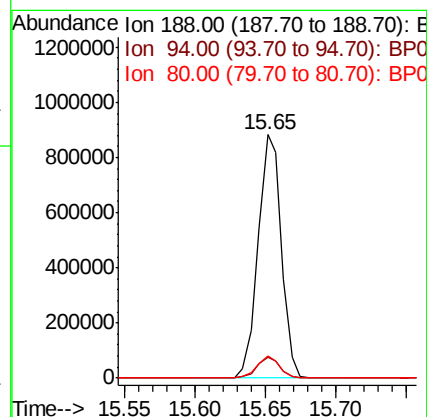
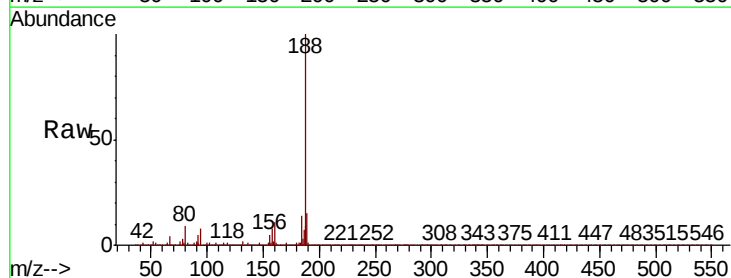
Instrument :
BNA_P
ClientSampleId :

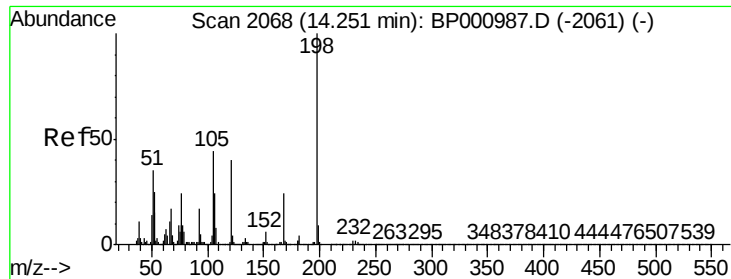
Tot Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 284.2 41.0 61.6#
154 73.7 48.1 72.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001027.D
Acq: 11 Nov 2019 20:40

Tgt Ion:188 Resp: 1023503
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.2 7.9 11.9

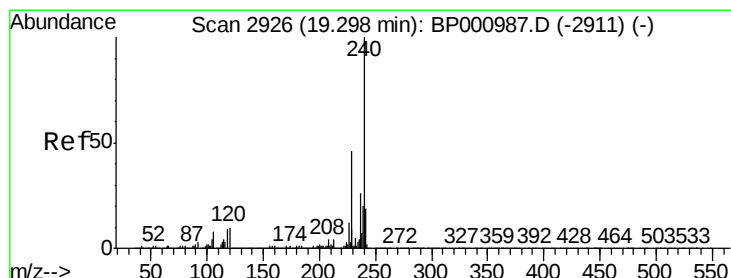
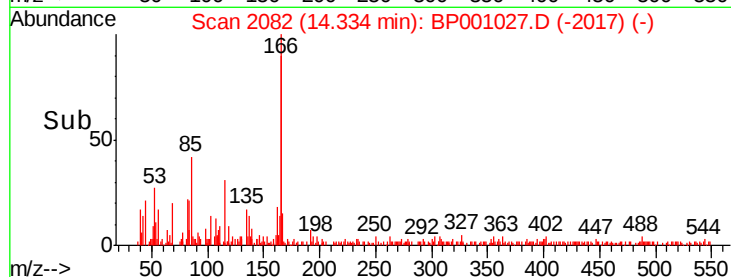
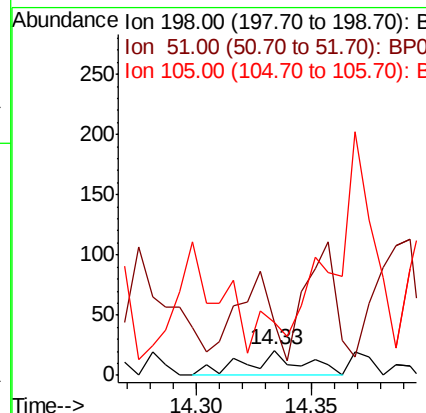
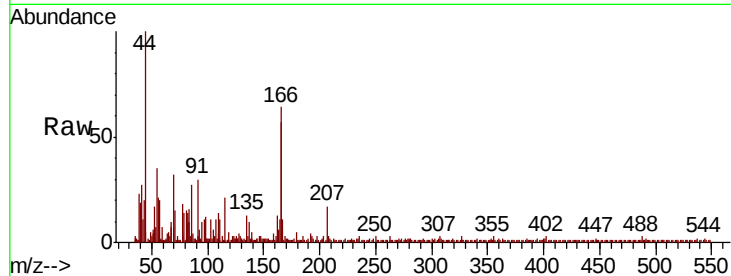




#65
 4,6-Dinitro-2-methylphenol
 Concen: 9.890 ng
 RT: 14.33 min Scan# 2082
 Delta R.T. 0.08 min
 Lab File: BP001027.D
 Acq: 11 Nov 2019 20:40

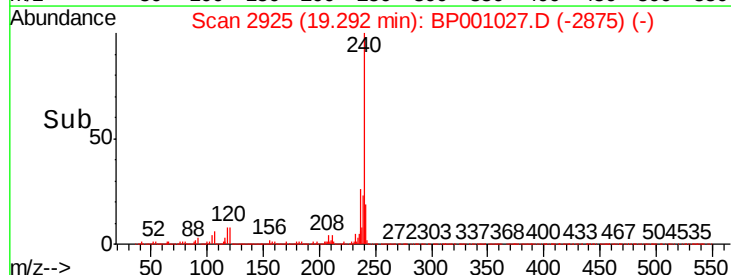
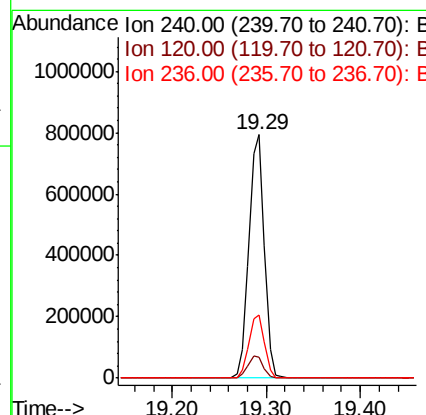
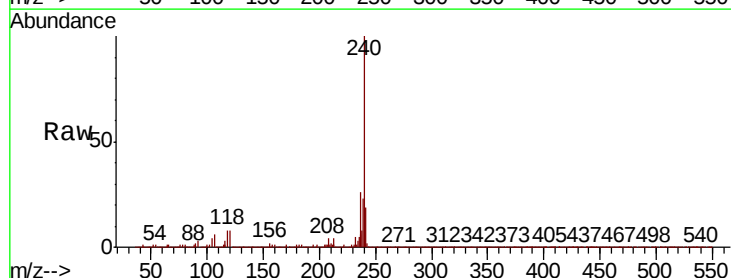
Instrument :
 BNA_P
 ClientSampled :

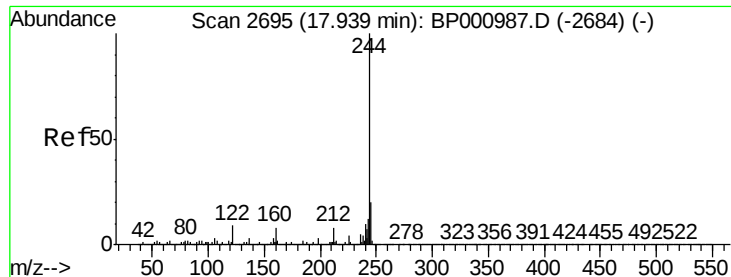
Tot Ion	Ratio	Lower	Upper
198	100		
51	209.5	16.0	56.0#
105	209.5	24.9	64.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.29 min Scan# 2925
 Delta R.T. -0.01 min
 Lab File: BP001027.D
 Acq: 11 Nov 2019 20:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.2	12.2
236	26.1	20.5	30.7





#79

Terphenyl-d14

Concen: 61.832 ng

RT: 17.93 min Scan# 2694

Delta R.T. -0.01 min

Lab File: BP001027.D

Acq: 11 Nov 2019 20:40

Instrument :

BNA_P

ClientSampleId :

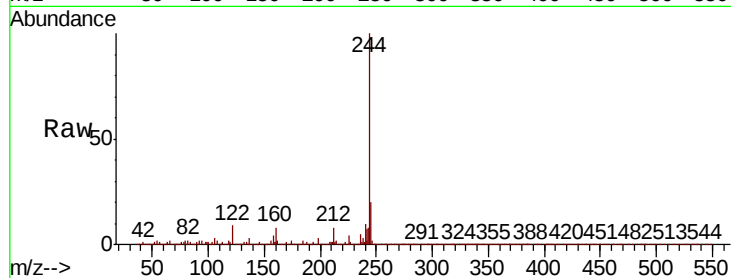
Tot Ion:244 Resp: 2792771

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

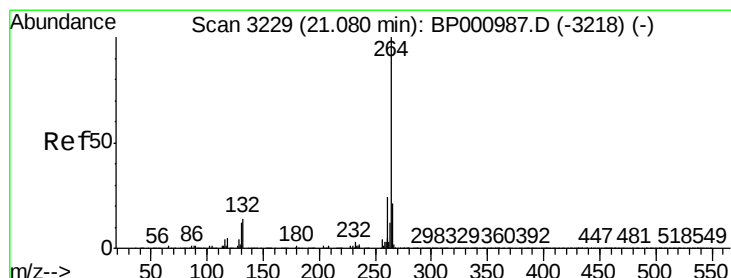
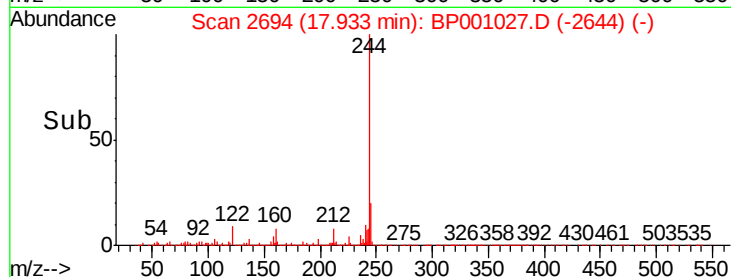
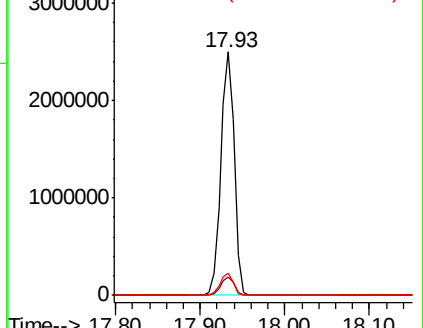
122 9.1 7.4 11.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BP001027.D

Acq: 11 Nov 2019 20:40

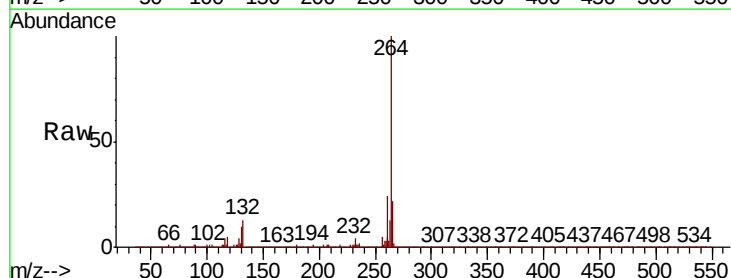
Tgt Ion:264 Resp: 994504

Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 22.1 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

