

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001046.D
 Acq On : 15 Nov 2019 18:25
 Operator : JU
 Sample : K5832-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 16 03:29:44 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

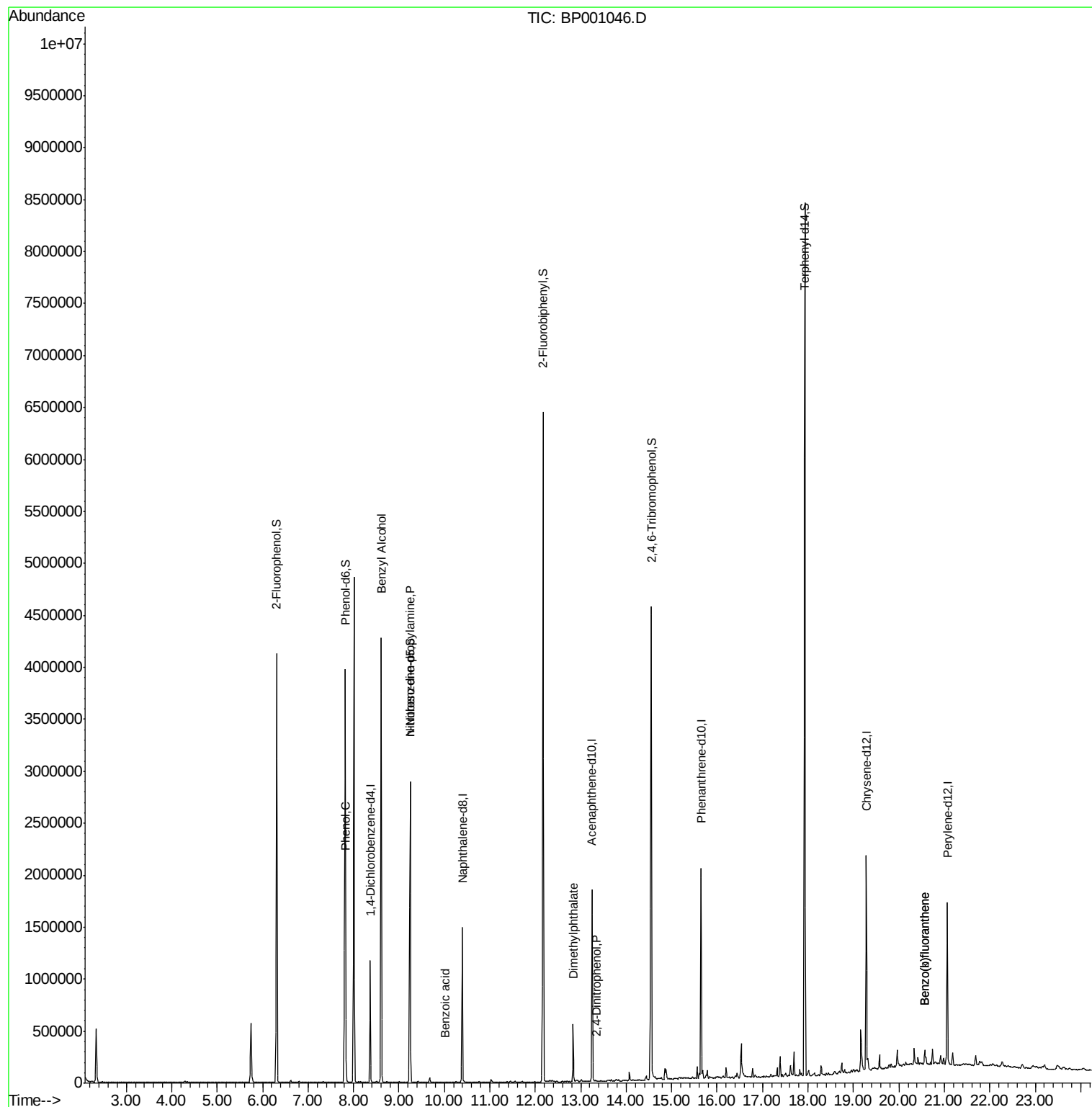
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	231035	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	837967	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	502720	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	996012	20.00	ng	-0.01
76) Chrysene-d12	19.29	240	814052	20.00	ng	-0.01
87) Perylene-d12	21.06	264	860447	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	1573432	123.96	ng	0.01
7) Phenol-d6	7.82	99	2073259	129.17	ng	0.00
23) Nitrobenzene-d5	9.25	82	1307339	86.30	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	887449	147.88	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	2831374	84.82	ng	-0.01
79) Terphenyl-d14	17.93	244	3701705	90.45	ng	-0.01
Target Compounds						
10) Phenol	7.83	94	133783	7.620	ng	94
15) Benzyl Alcohol	8.61	79	25211	2.061	ng	# 47
19) n-Nitroso-di-n-propylamine	9.25	70	177523	18.419	ng	# 79
32) Benzoic acid	10.02	122	26	7.671	ng	# 1
50) Dimethylphthalate	12.83	163	285889	7.691	ng	99
54) 2,4-Dinitrophenol	13.35	184	26	8.318	ng	# 1
88) Benzo(b)fluoranthene	20.57	252	116131	2.264	ng	99
89) Benzo(k)fluoranthene	20.57	252	116131	2.405	ng	99

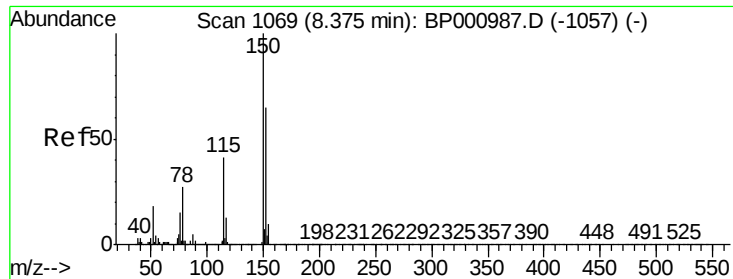
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 06 17:07:13 2019
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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: BP001046.D

Acq: 15 Nov 2019 18:25

Instrument :

BNA_P

ClientSampleId :

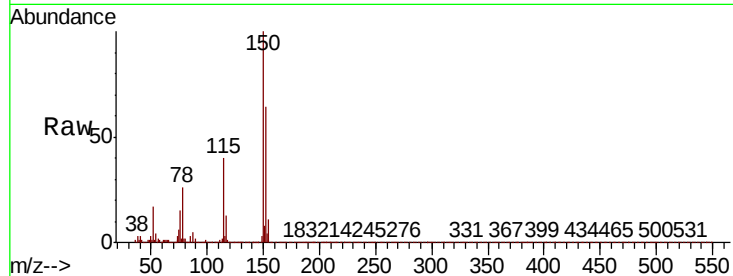
Tot Ion:152 Resp: 231035

Ion Ratio Lower Upper

152 100

150 155.3 123.6 185.4

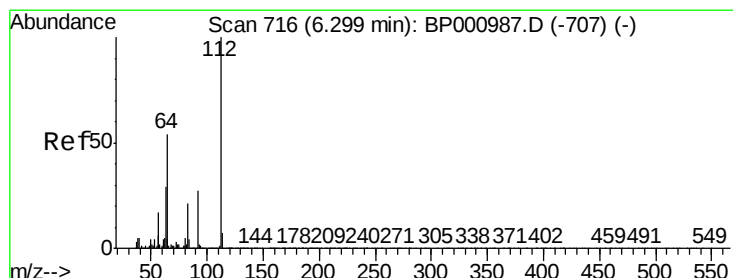
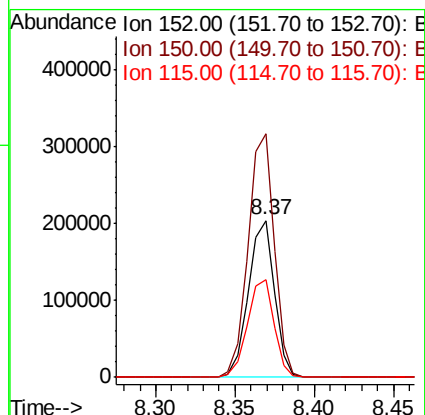
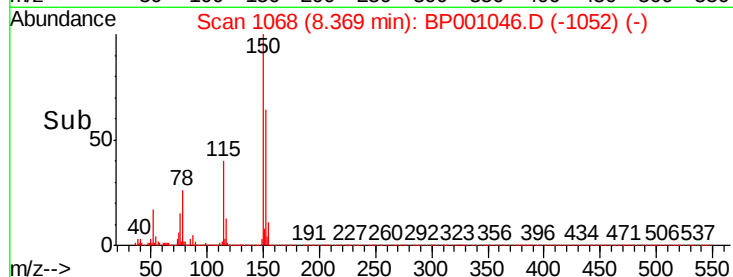
115 62.3 50.1 75.1



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: 123.961 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BP001046.D

Acq: 15 Nov 2019 18:25

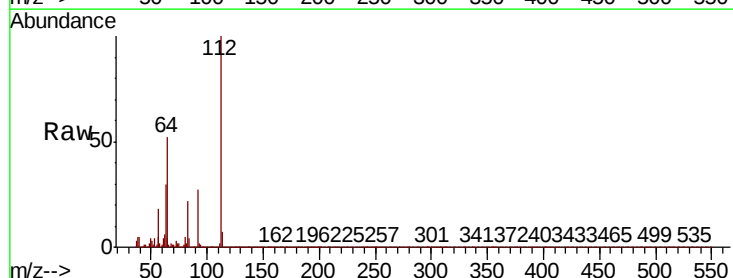
Tgt Ion:112 Resp: 1573432

Ion Ratio Lower Upper

112 100

64 52.2 43.4 65.0

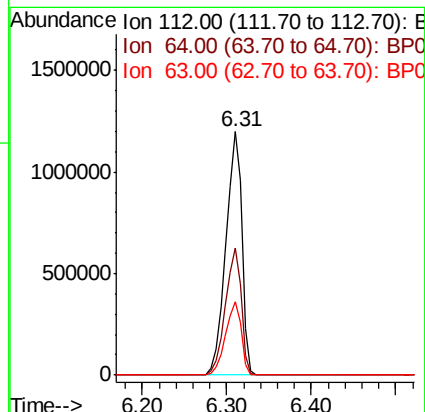
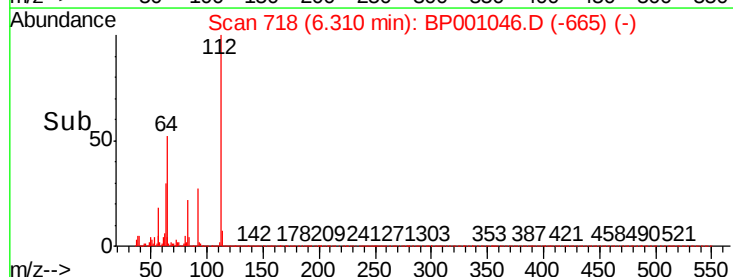
63 30.0 23.4 35.0

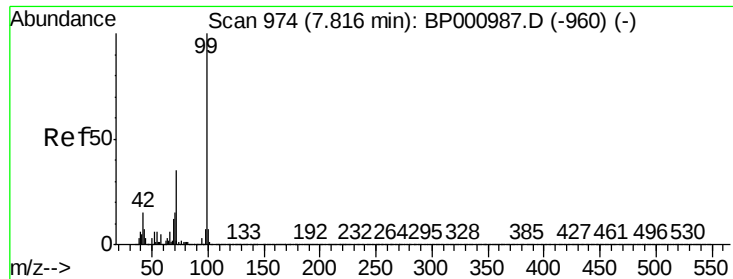


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 129.167 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BP001046.D

Acq: 15 Nov 2019 18:25

Instrument :

BNA_P

ClientSampleId :

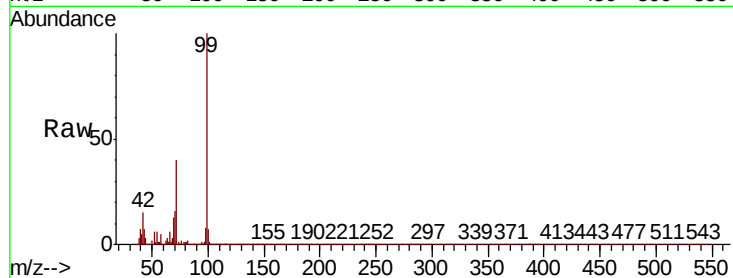
Tot Ion: 99 Resp: 2073259

Ion Ratio Lower Upper

99 100

42 15.4 11.6 17.4

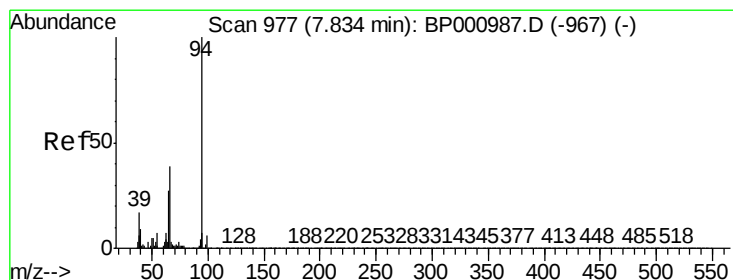
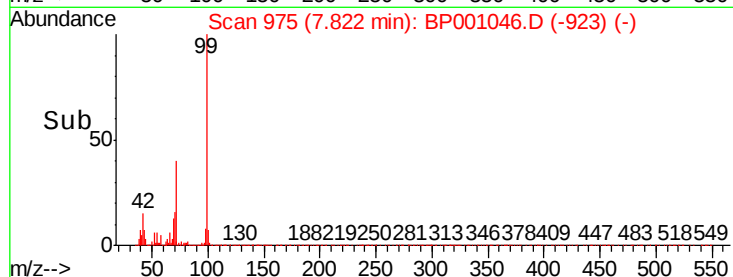
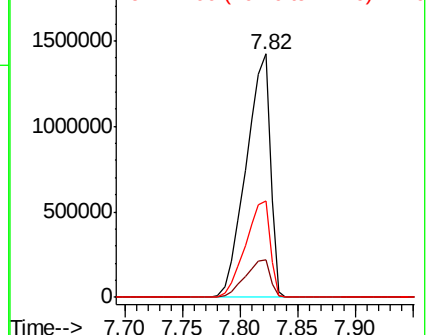
71 39.6 28.0 42.0



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: 7.620 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BP001046.D

Acq: 15 Nov 2019 18:25

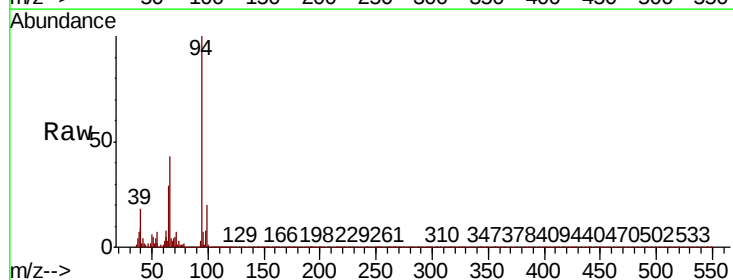
Tgt Ion: 94 Resp: 133783

Ion Ratio Lower Upper

94 100

65 28.8 6.7 46.7

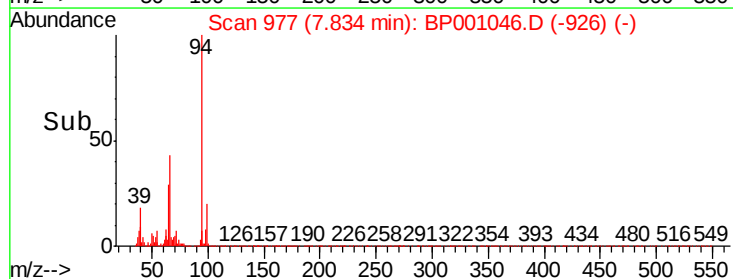
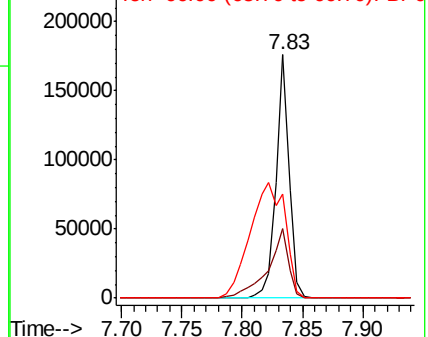
66 42.9 18.6 58.6

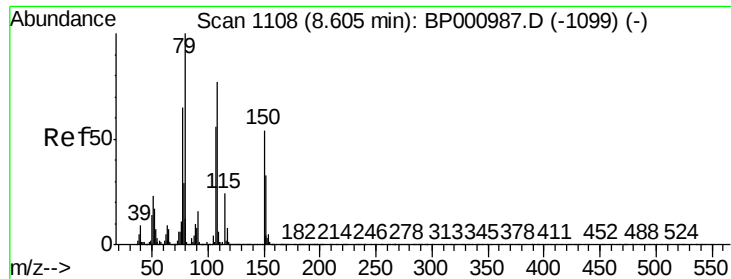


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

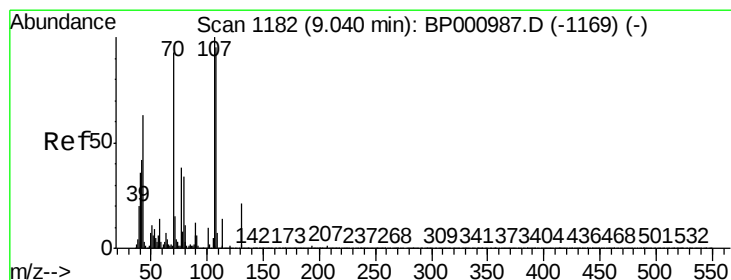
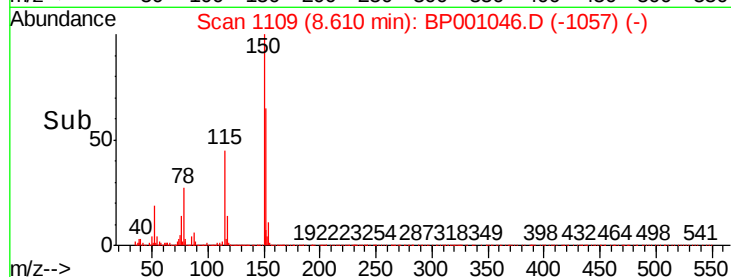
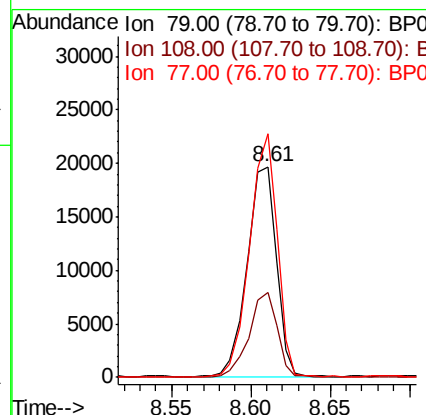
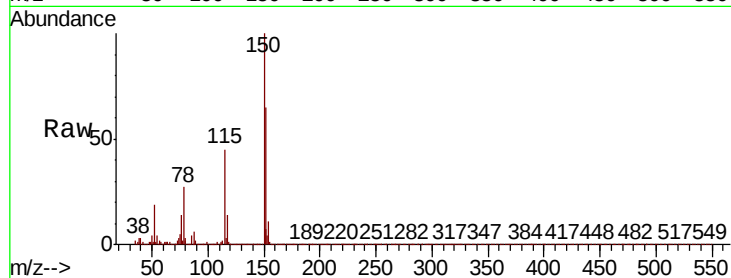




#15
Benzyl Alcohol
Concen: 2.061 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BP001046.D
Acq: 15 Nov 2019 18:25

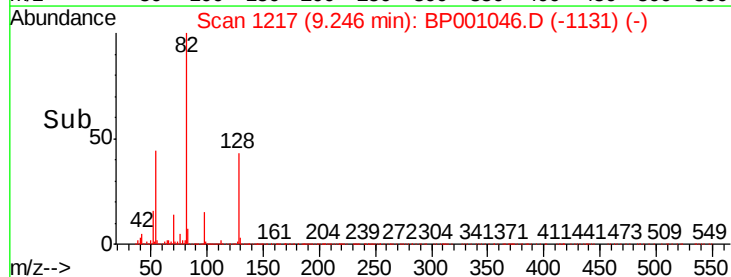
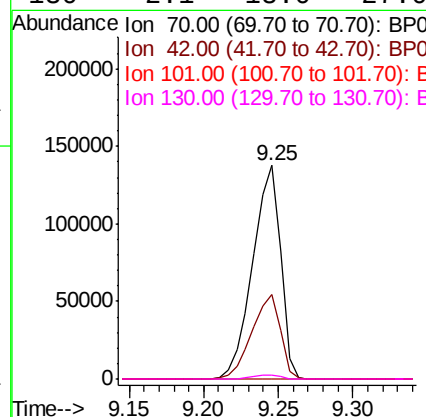
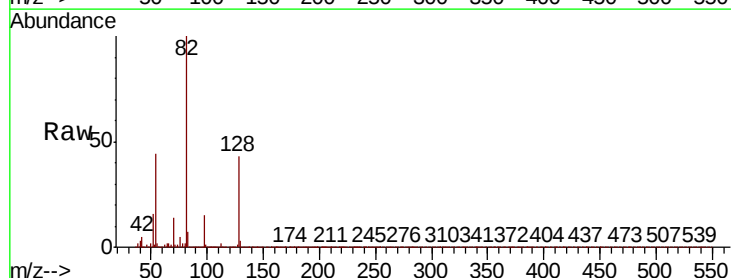
Instrument :
BNA_P
ClientSampleId :

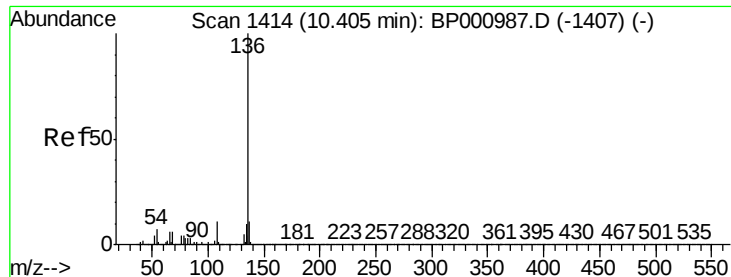
Tot Ion: 79 Resp: 25211
Ion Ratio Lower Upper
79 100
108 40.1 62.0 93.0#
77 115.4 51.9 77.9#



#19
n-Nitroso-di-n-propylamine
Concen: 18.419 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.21 min
Lab File: BP001046.D
Acq: 15 Nov 2019 18:25

Tgt Ion: 70 Resp: 177523
Ion Ratio Lower Upper
70 100
42 39.6 36.3 54.5
101 0.0 8.7 13.1#
130 2.1 18.0 27.0#

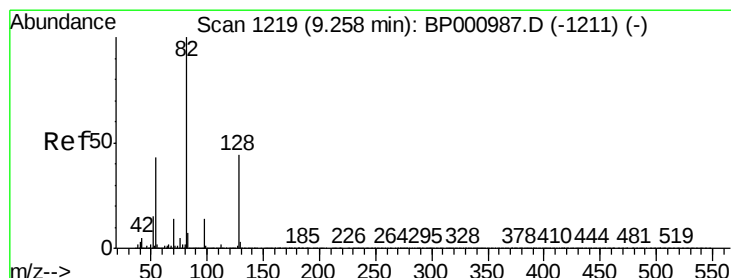
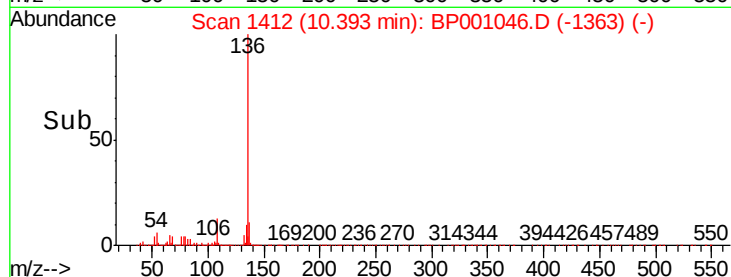
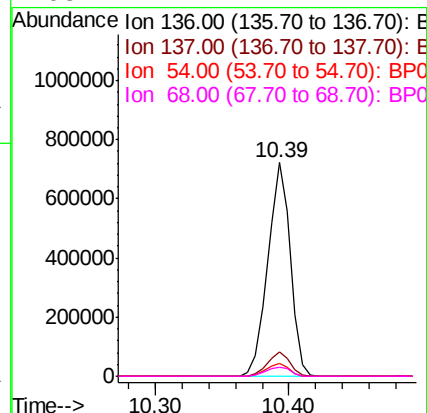
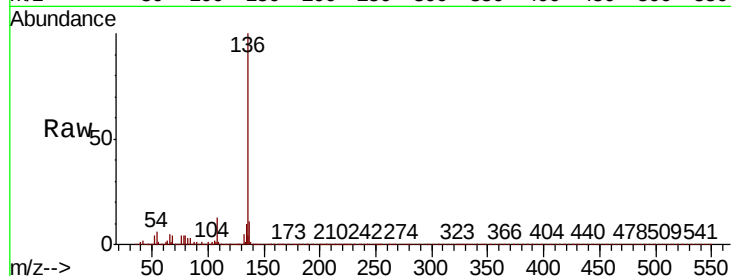




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001046.D
Acq: 15 Nov 2019 18:25

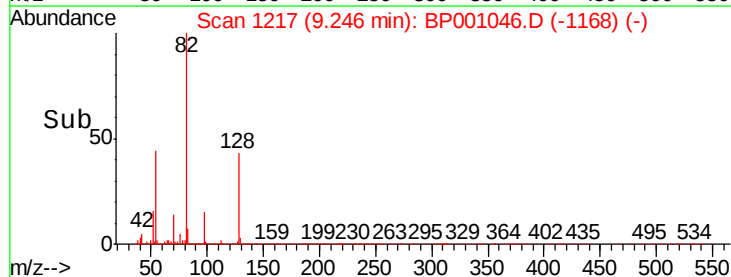
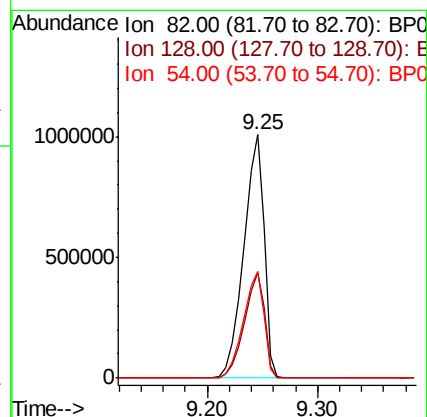
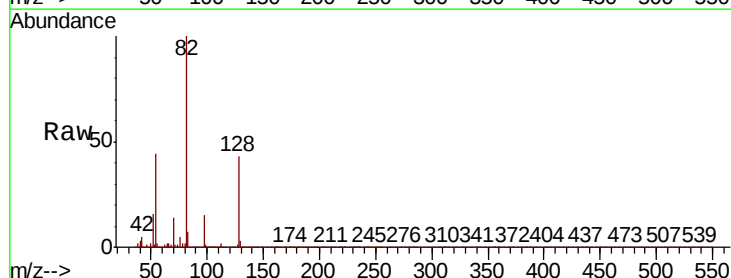
Instrument :
BNA_P
ClientSampleId :

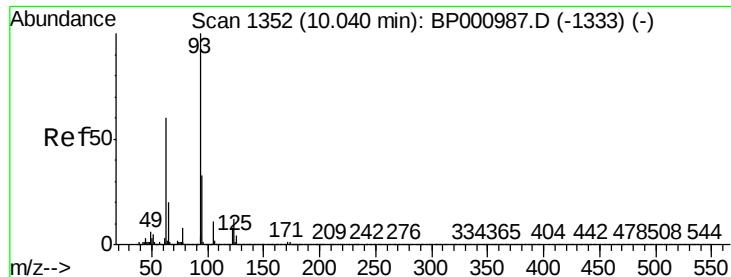
Tot Ion:136	Resp:	837967
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.0	13.6
54 6.2	5.4	8.2
68 4.4	4.7	7.1#



#23
Nitrobenzene-d5
Concen: 86.301 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001046.D
Acq: 15 Nov 2019 18:25

Tgt Ion: 82	Resp:	1307339
Ion Ratio	Lower	Upper
82 100		
128 43.3	35.3	52.9
54 44.0	34.3	51.5

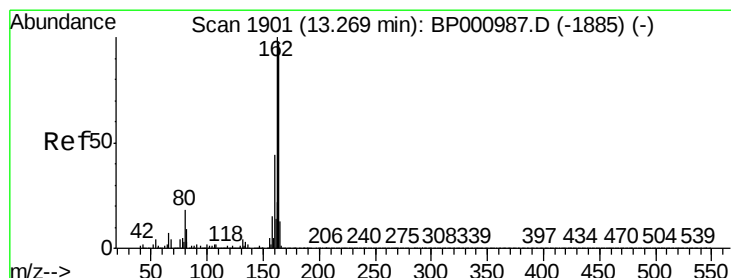
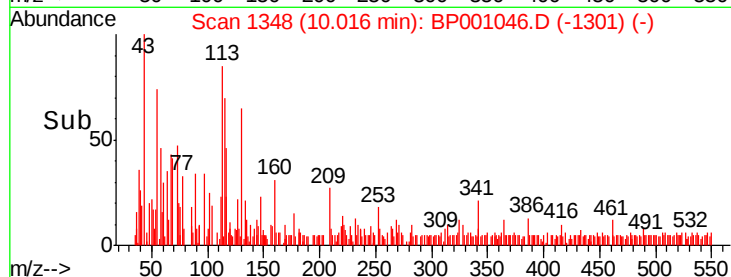
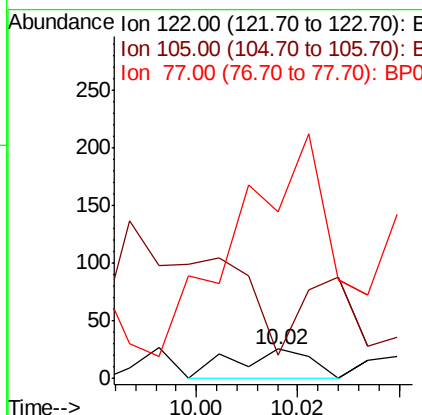
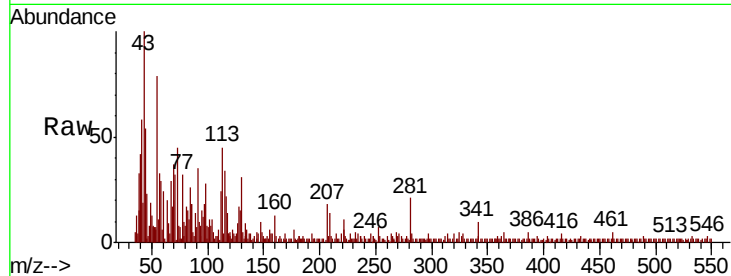




#32
Benzoic acid
Concen: 7.671 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BP001046.D
Acq: 15 Nov 2019 18:25

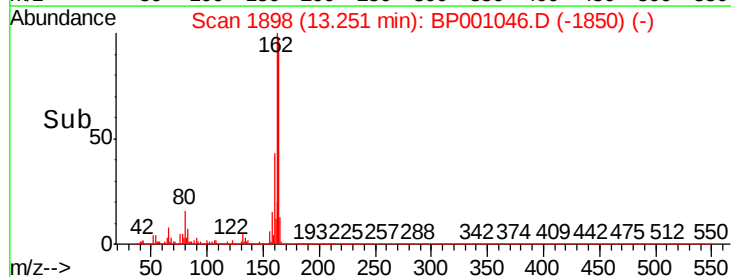
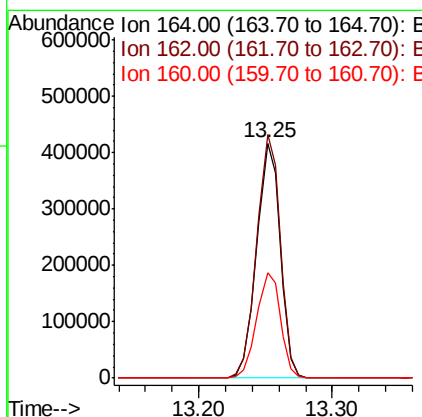
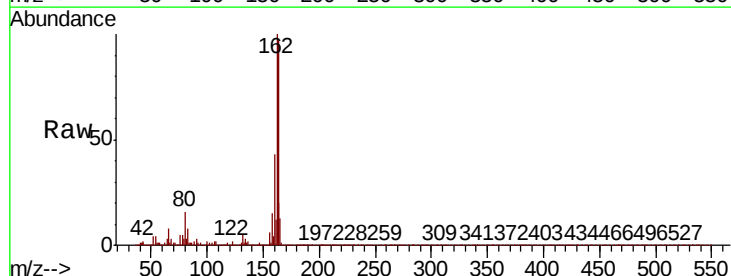
Instrument :
BNA_P
ClientSampled :

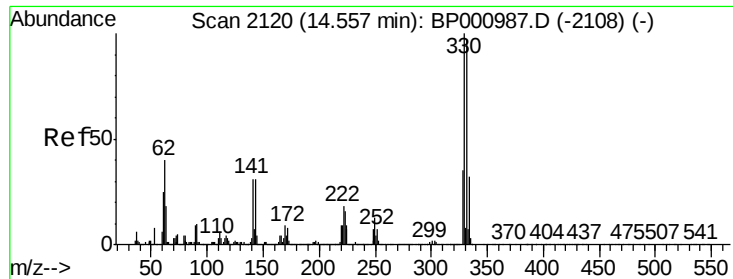
Tot Ion	Ratio	Lower	Upper
122	100		
105	80.0	110.5	150.5#
77	576.0	77.9	117.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BP001046.D
Acq: 15 Nov 2019 18:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	45.0	36.5	54.7

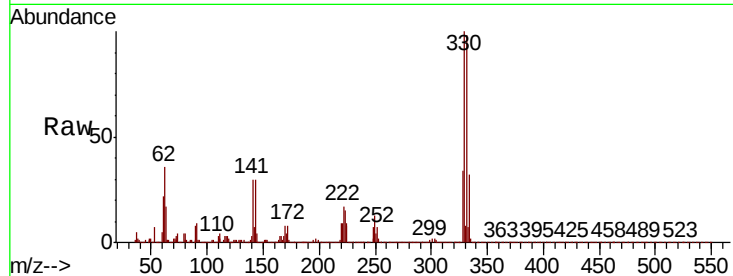




#42
2,4,6-Tribromophenol
Concen: 147.875 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP001046.D
Acq: 15 Nov 2019 18:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.3	117.5
141	32.1	25.0	37.4

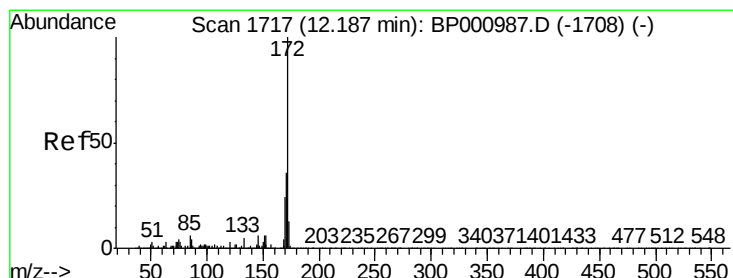
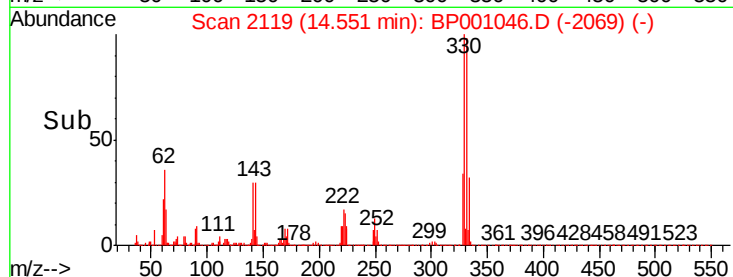
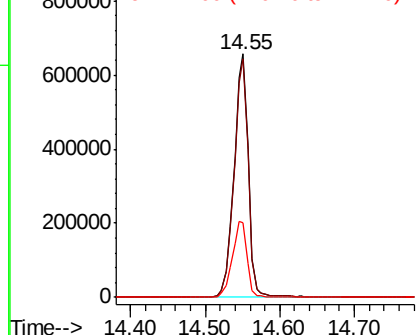


Abundance

Ion 329.80 (329.50 to 330.50): E

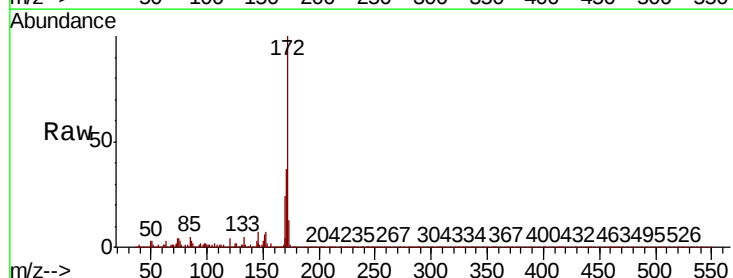
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 84.825 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001046.D
Acq: 15 Nov 2019 18:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.5	42.7
170	24.2	18.9	28.3

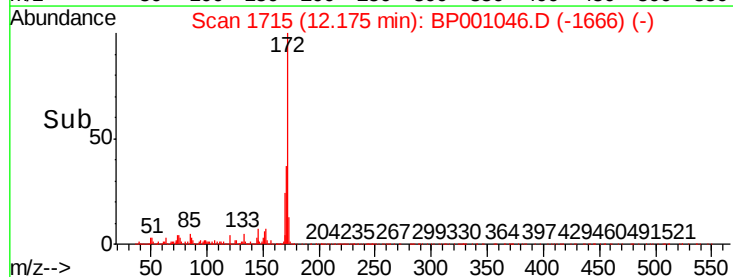
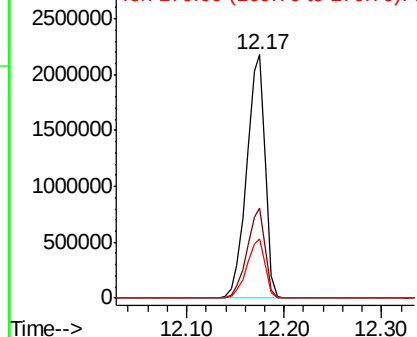


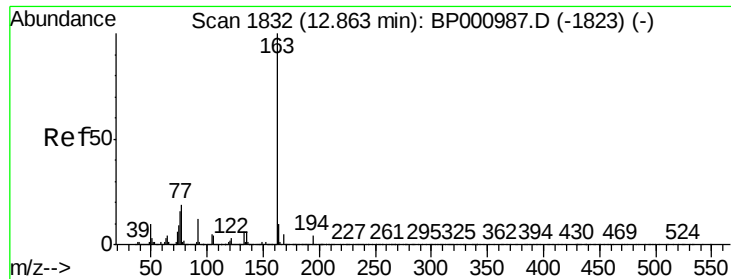
Abundance

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: 7.691 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.03 min

Lab File: BP001046.D

Acq: 15 Nov 2019 18:25

Instrument :

BNA_P

ClientSampleId :

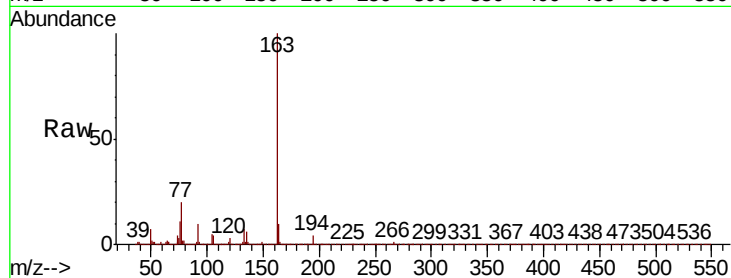
Tot Ion:163 Resp: 285889

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

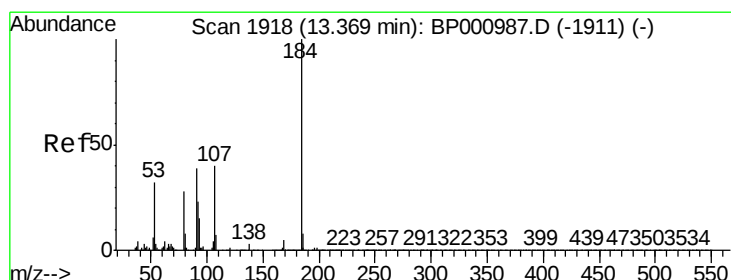
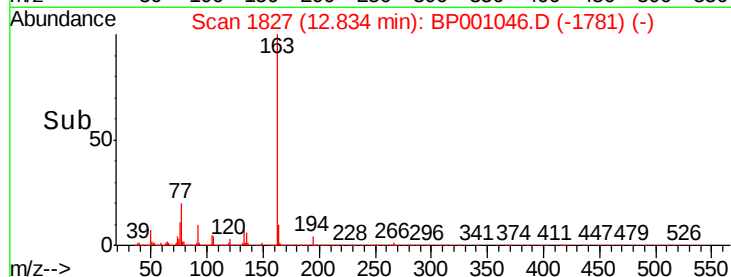
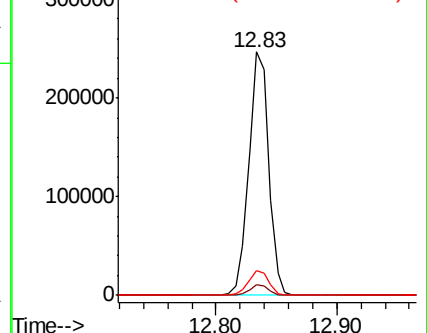
164 10.4 7.9 11.9



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: 8.318 ng

RT: 13.35 min Scan# 1915

Delta R.T. -0.02 min

Lab File: BP001046.D

Acq: 15 Nov 2019 18:25

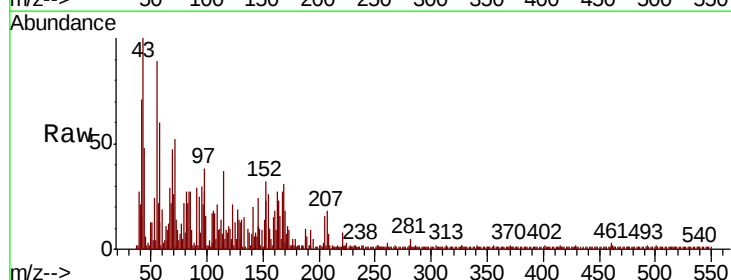
Tgt Ion:184 Resp: 26

Ion Ratio Lower Upper

184 100

63 303.3 41.0 61.6#

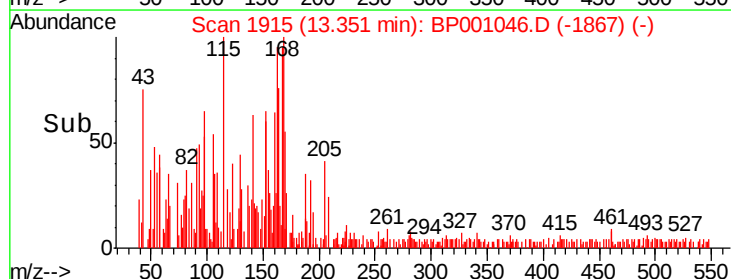
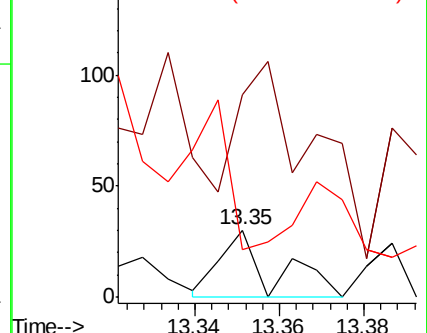
154 70.0 48.1 72.1

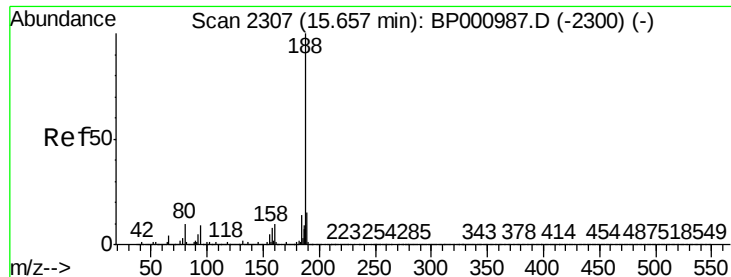


Abundance Ion 184.00 (183.70 to 184.70): E

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: 15.65 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BP001046.D

Acq: 15 Nov 2019 18:25

Instrument :

BNA_P

ClientSampled :

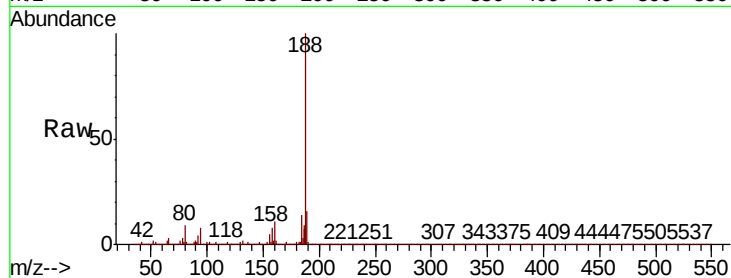
Tot Ion:188 Resp: 996012

Ion Ratio Lower Upper

188 100

94 7.9 7.4 11.2

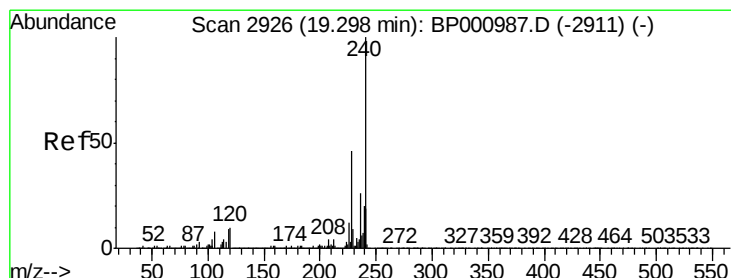
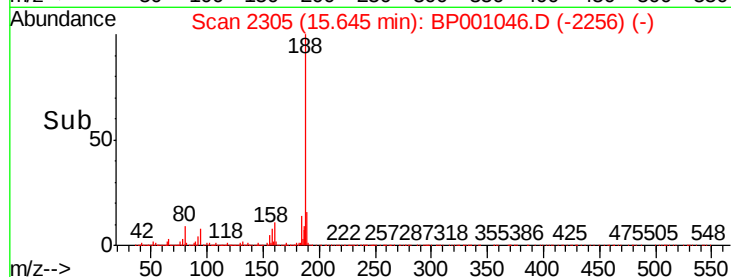
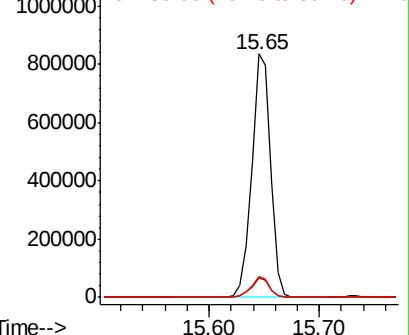
80 8.7 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.29 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BP001046.D

Acq: 15 Nov 2019 18:25

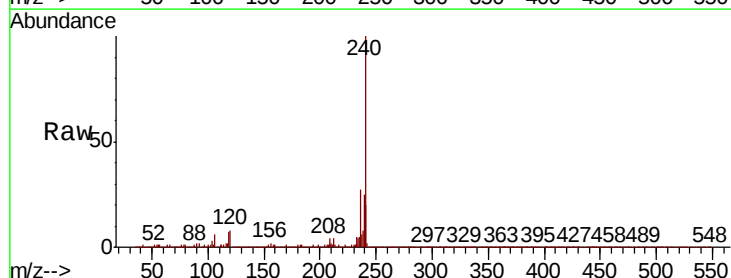
Tgt Ion:240 Resp: 814052

Ion Ratio Lower Upper

240 100

120 7.7 8.2 12.2#

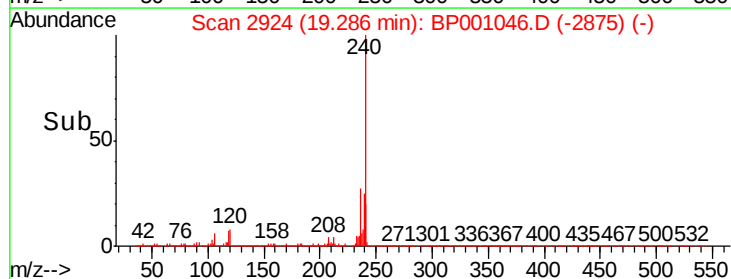
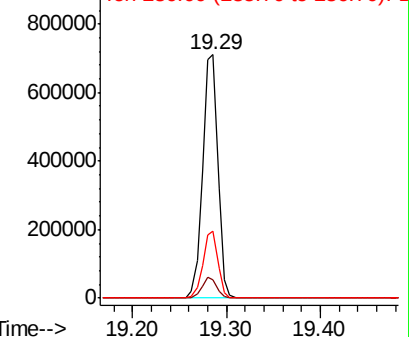
236 27.4 20.5 30.7

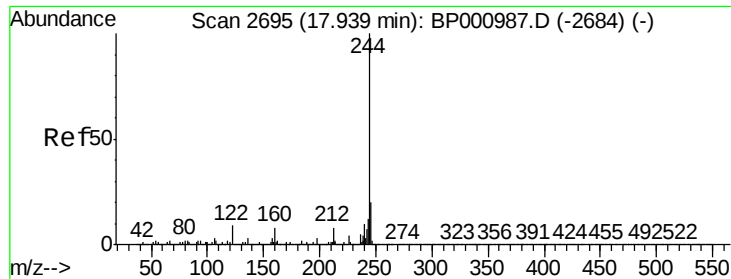


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



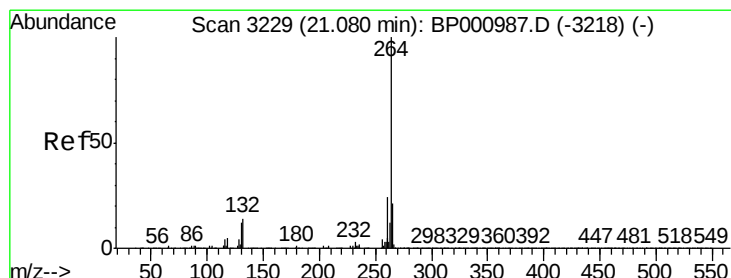
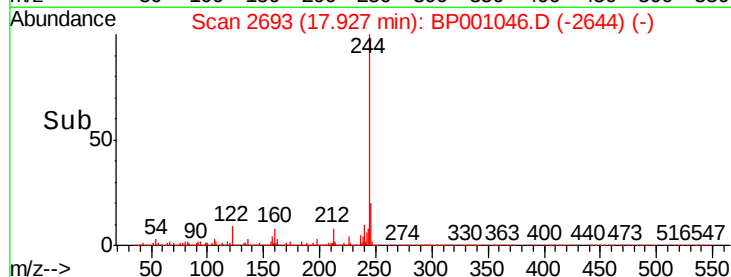
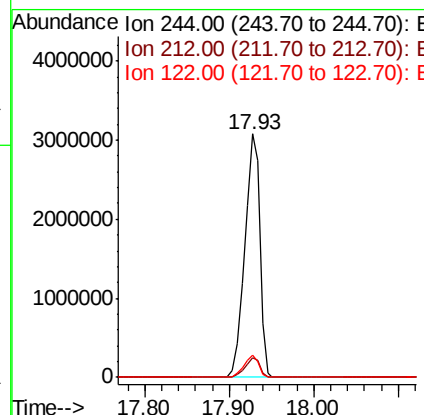
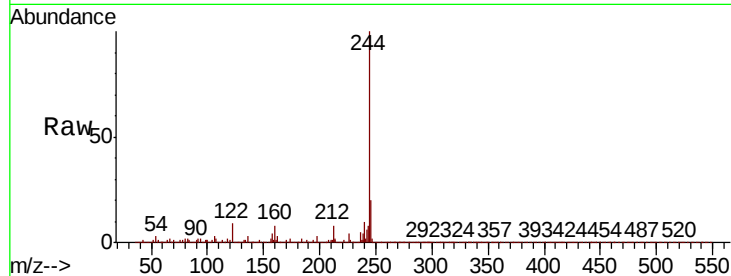


#79
 Terphenyl-d14
 Concen: 90.452 ng
 RT: 17.93 min Scan# 2693
 Delta R.T. -0.01 min
 Lab File: BP001046.D
 Acq: 15 Nov 2019 18:25

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 3701705

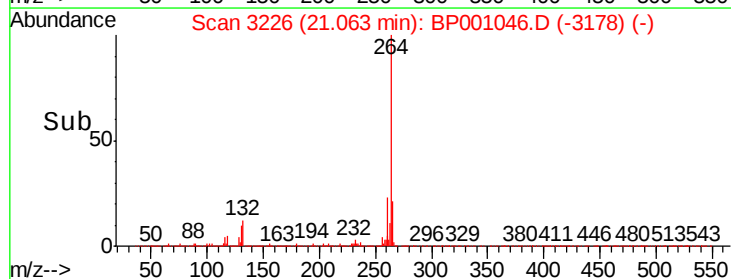
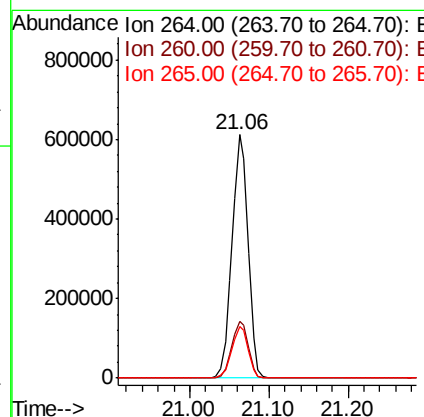
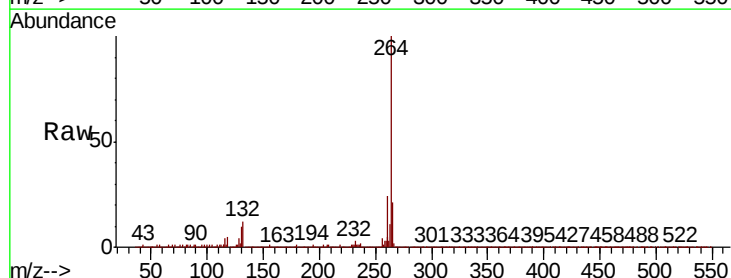
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	9.2	7.4	11.2

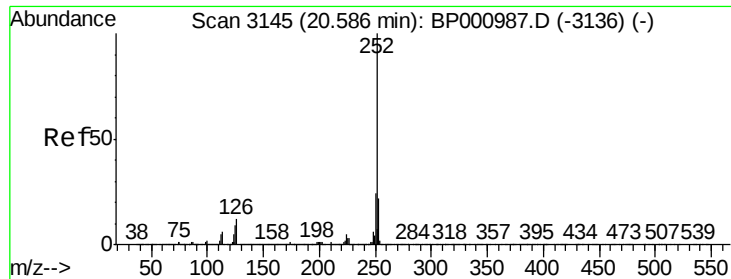


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.06 min Scan# 3226
 Delta R.T. -0.02 min
 Lab File: BP001046.D
 Acq: 15 Nov 2019 18:25

Tgt Ion:264 Resp: 860447

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.3	17.1	25.7

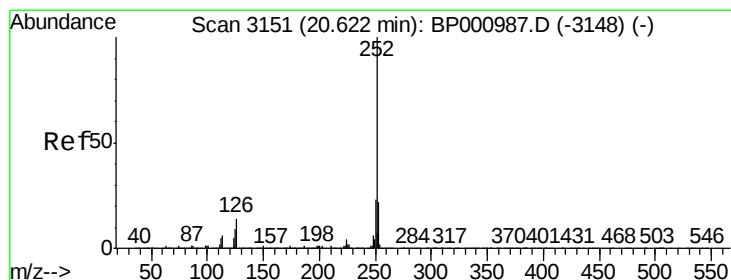
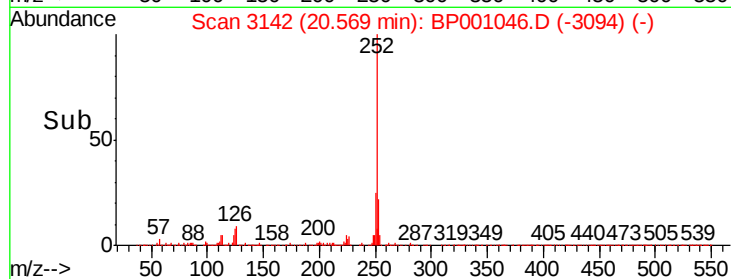
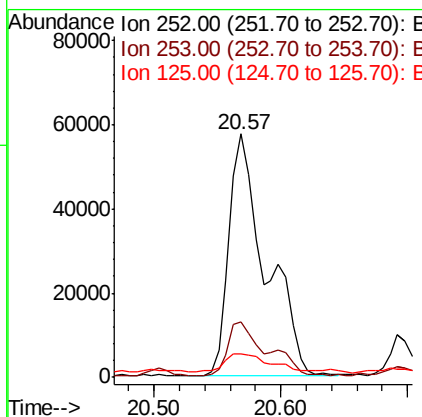
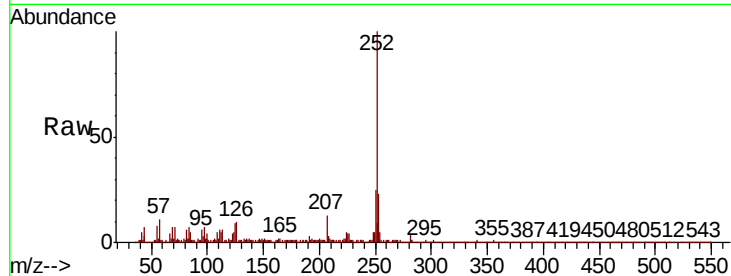




#88
Benzo(b)fluoranthene
Concen: 2.264 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BP001046.D
Acq: 15 Nov 2019 18:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:252	Resp:	116131
Ion Ratio	Lower	Upper
252	100	
253	22.8	17.9 26.9
125	9.5	7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 2.405 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.05 min
Lab File: BP001046.D
Acq: 15 Nov 2019 18:25

Tgt Ion:252	Resp:	116131
Ion Ratio	Lower	Upper
252	100	
253	22.8	17.7 26.5
125	9.5	7.3 10.9

