

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
 Data File : BP001276.D
 Acq On : 09 Dec 2019 18:17
 Operator : JU
 Sample : K6187-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 10 04:22:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

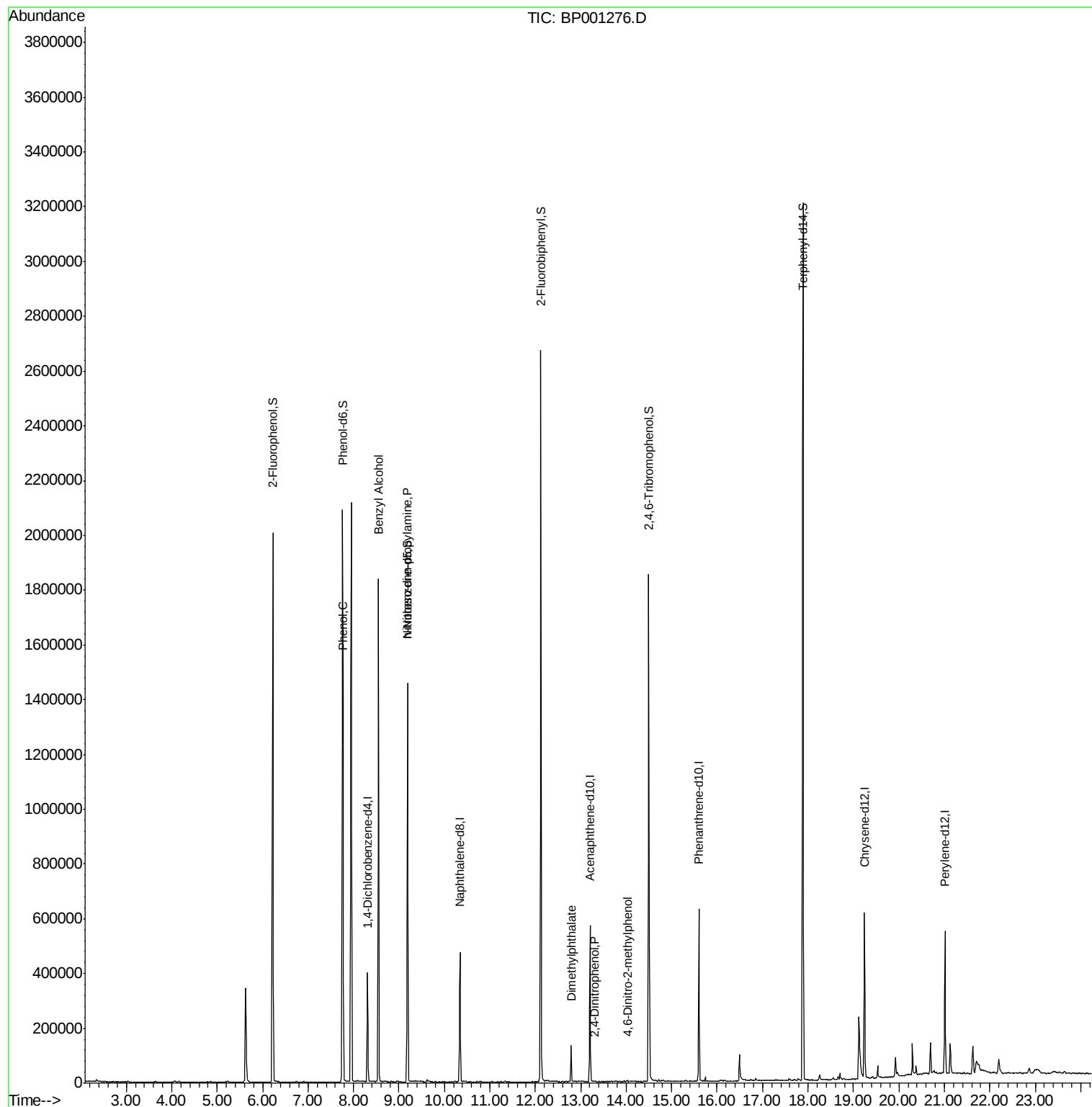
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	67372	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	245750	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	143800	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	283626	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	234709	20.00	ng	-0.02
87) Perylene-d12	21.02	264	252238	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	605751	149.17	ng	0.01
7) Phenol-d6	7.76	99	848322	156.81	ng	0.00
23) Nitrobenzene-d5	9.19	82	597447	105.48	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	251271	182.30	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1013064	103.11	ng	-0.01
79) Terphenyl-d14	17.89	244	1226795	96.70	ng	0.00
Target Compounds						
9) Benzaldehyde	7.61	77	238	Below Cal	Qvalue	# 62
10) Phenol	7.78	94	47216	7.673	ng	# 86
15) Benzyl Alcohol	8.55	79	11604	2.613	ng	# 55
19) n-Nitroso-di-n-propylamine	9.19	70	87554	22.428	ng	# 77
50) Dimethylphthalate	12.79	163	60387	5.615	ng	# 98
54) 2,4-Dinitrophenol	13.32	184	6	7.115	ng	# 17
65) 4,6-Dinitro-2-methylphenol	14.03	198	23	6.293	ng	# 1

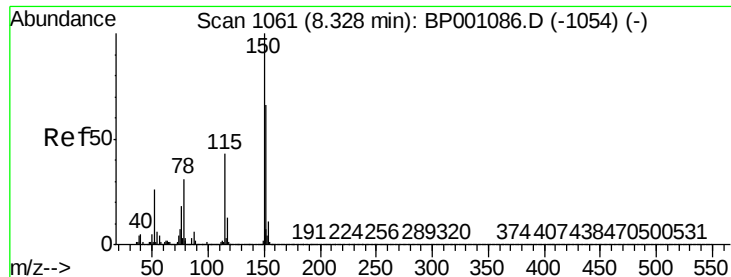
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BP001276.D

Acq: 09 Dec 2019 18:17

Instrument :

BNA_P

ClientSampleId :

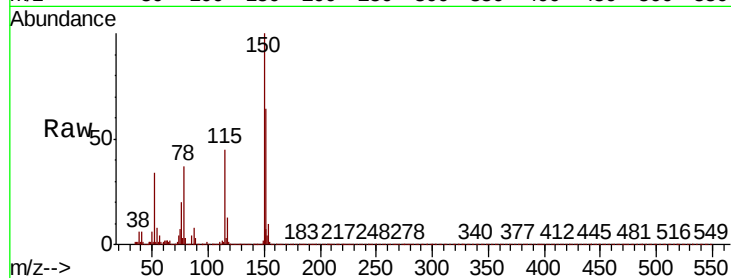
Tot Ion:152 Resp: 67372

Ion Ratio Lower Upper

152 100

150 157.3 127.3 190.9

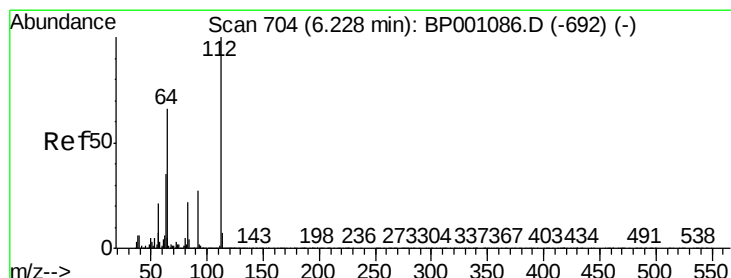
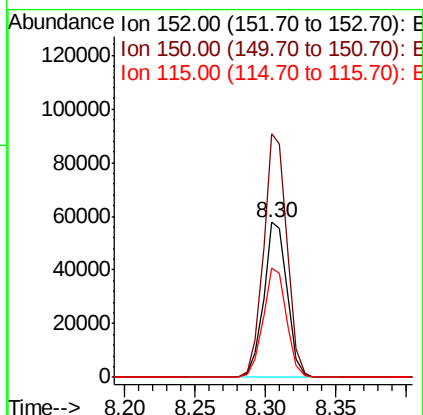
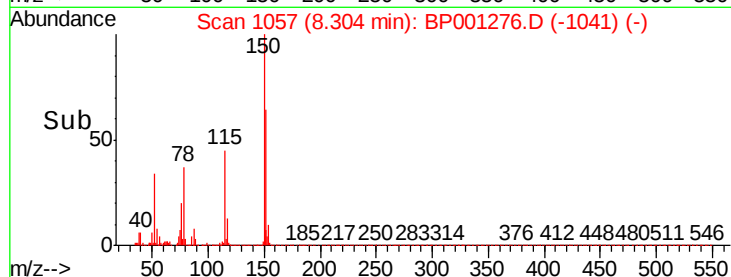
115 71.0 56.0 84.0



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: 149.170 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BP001276.D

Acq: 09 Dec 2019 18:17

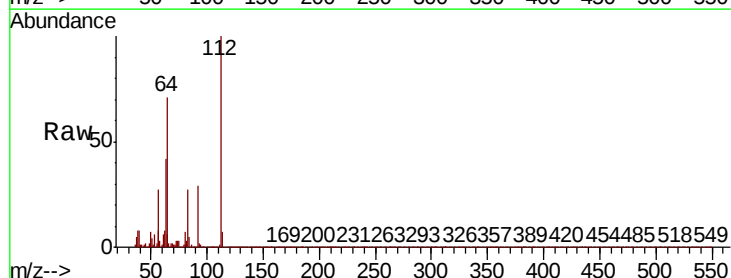
Tgt Ion:112 Resp: 605751

Ion Ratio Lower Upper

112 100

64 70.9 56.8 85.2

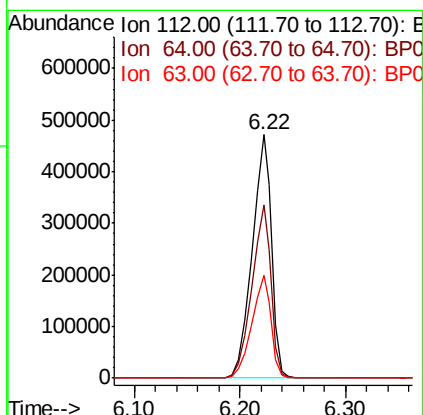
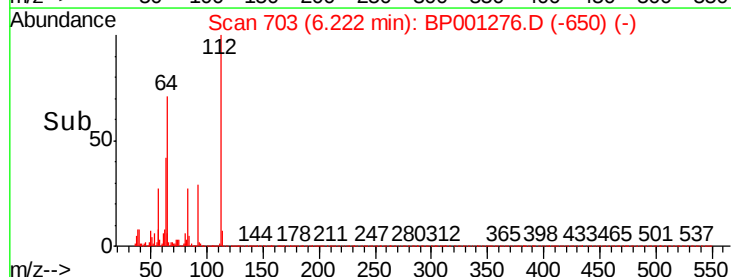
63 42.5 32.2 48.2

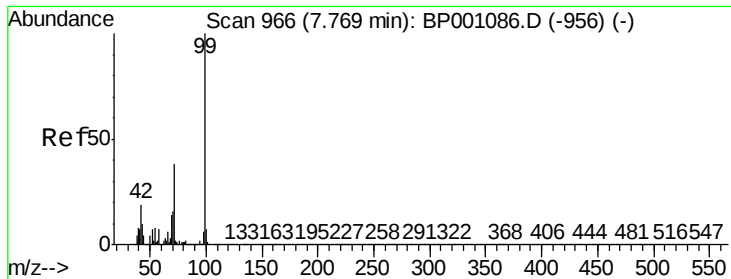


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 156.807 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BP001276.D

Acq: 09 Dec 2019 18:17

Instrument :

BNA_P

ClientSampleId :

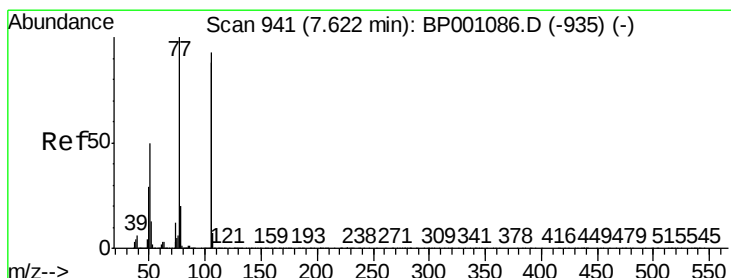
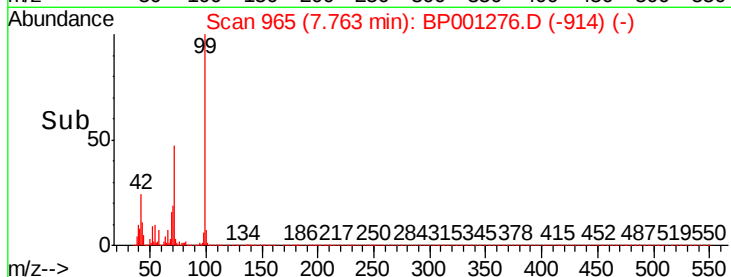
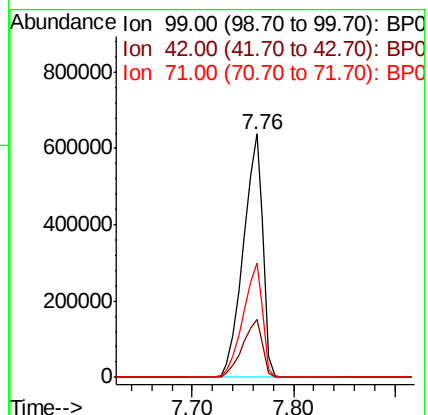
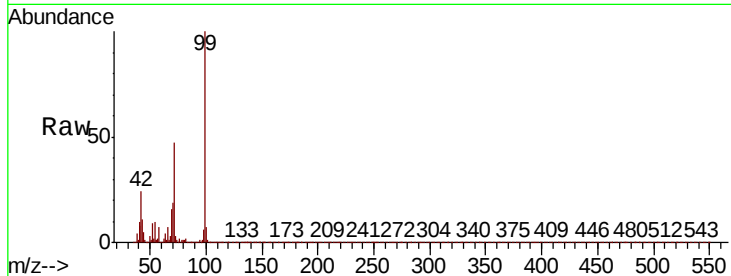
Tot Ion: 99 Resp: 848322

Ion Ratio Lower Upper

99 100

42 23.7 17.6 26.4

71 46.8 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP001276.D

Acq: 09 Dec 2019 18:17

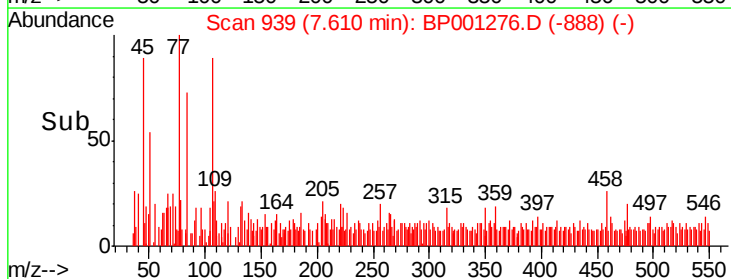
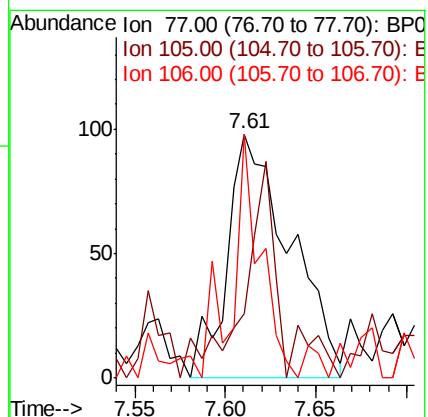
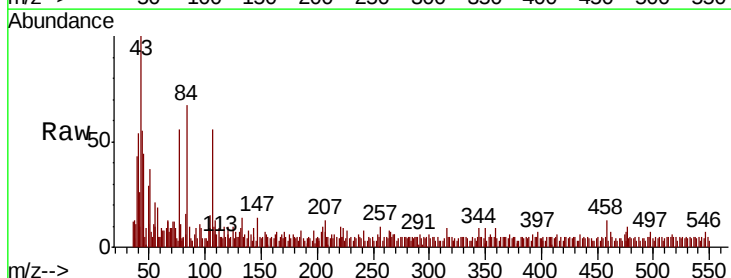
Tgt Ion: 77 Resp: 238

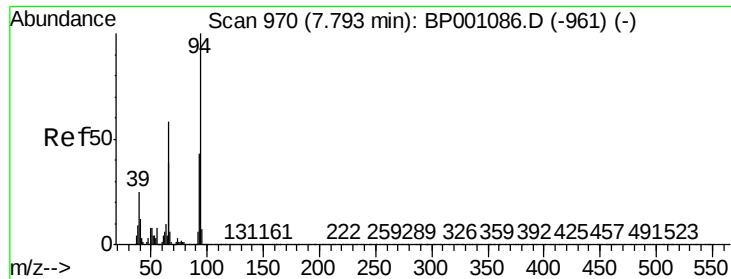
Ion Ratio Lower Upper

77 100

105 22.2 69.7 109.7#

106 83.8 67.1 107.1





#10

Phenol

Concen: 7.673 ng

RT: 7.78 min Scan# 967

Delta R.T. -0.01 min

Lab File: BP001276.D

Acq: 09 Dec 2019 18:17

Instrument :

BNA_P

ClientSampleId :

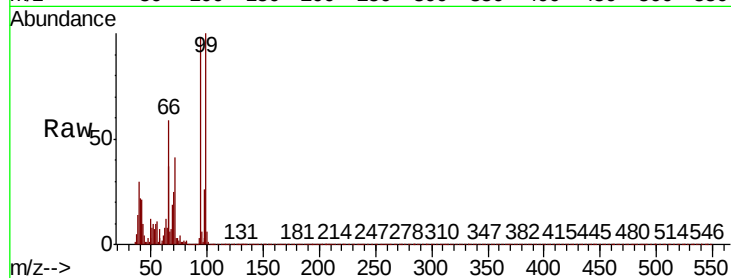
Tot Ion: 94 Resp: 47216

Ion Ratio Lower Upper

94 100

65 37.9 25.6 65.6

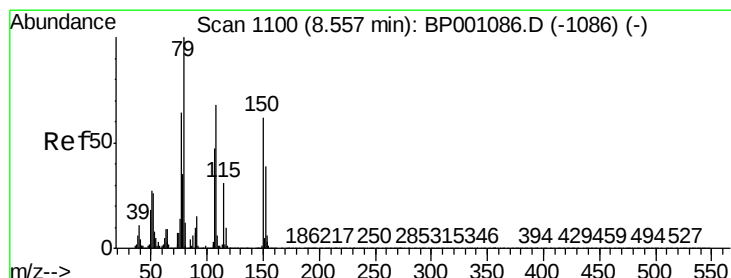
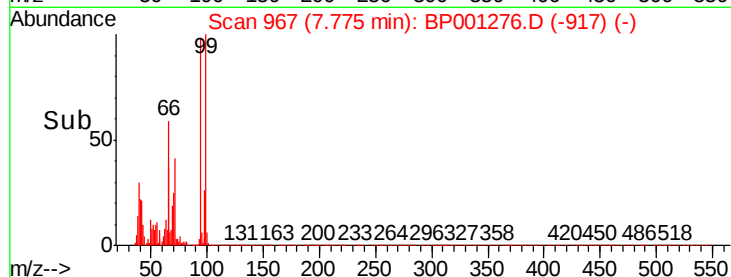
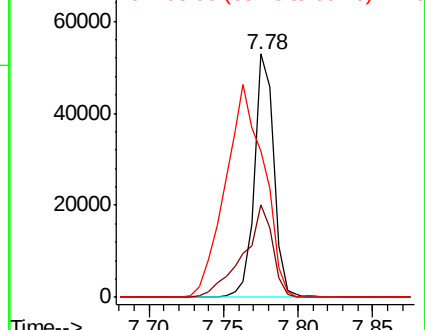
66 59.9 52.6 92.6



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: 2.613 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BP001276.D

Acq: 09 Dec 2019 18:17

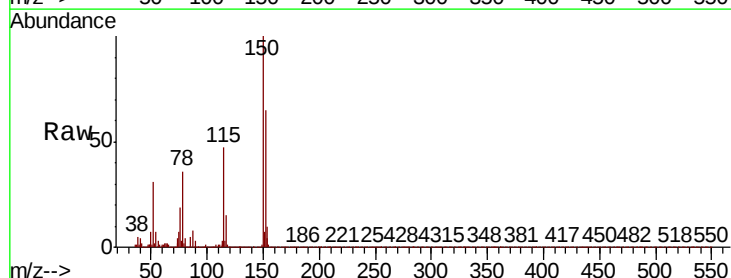
Tgt Ion: 79 Resp: 11604

Ion Ratio Lower Upper

79 100

108 36.5 51.6 77.4#

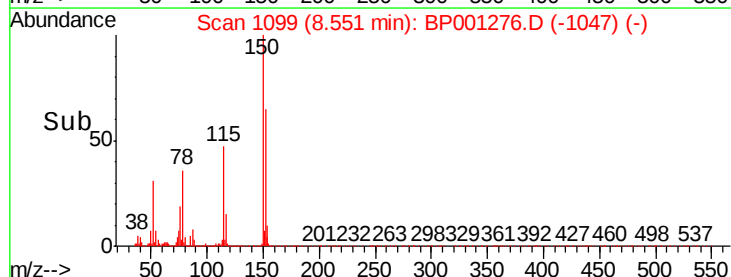
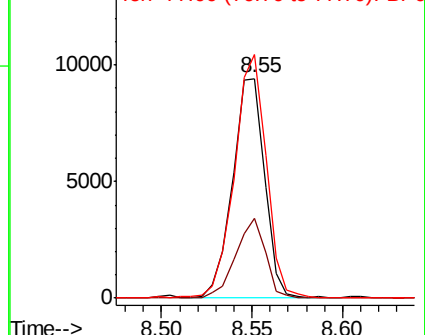
77 110.8 53.5 80.3#

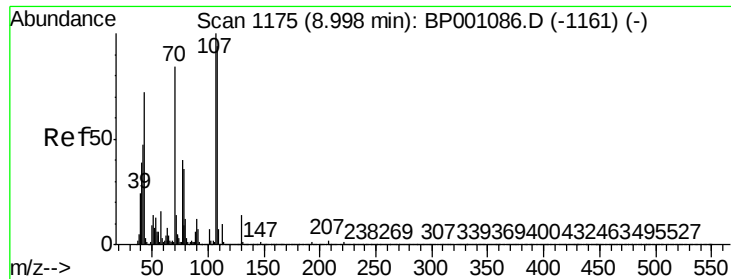


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

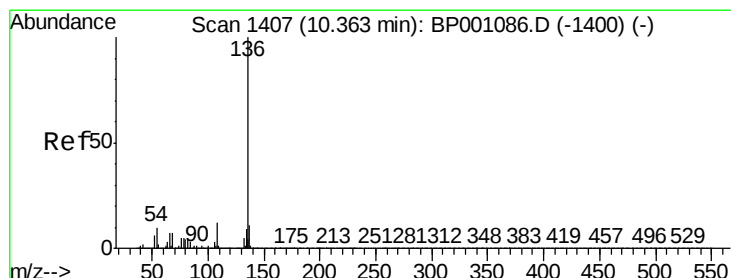
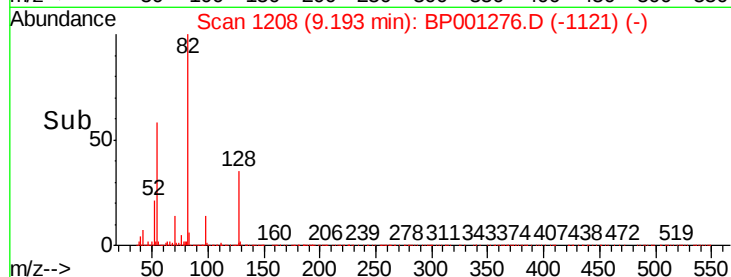
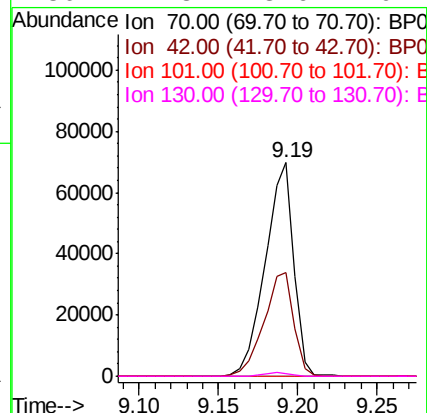
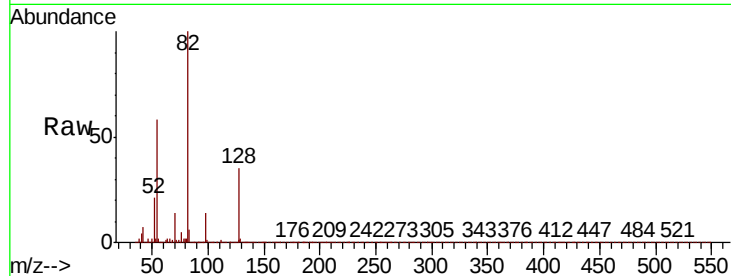




#19
n-Nitroso-di-n-propylamine
Concen: 22.428 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.21 min
Lab File: BP001276.D
Acq: 09 Dec 2019 18:17

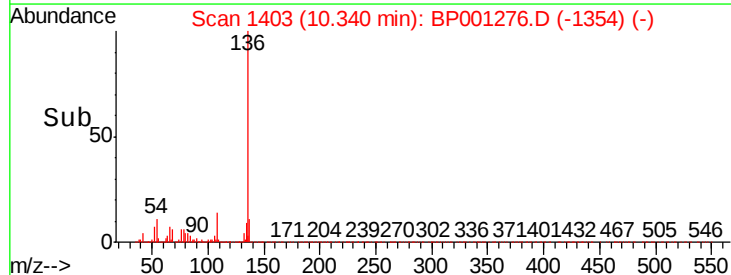
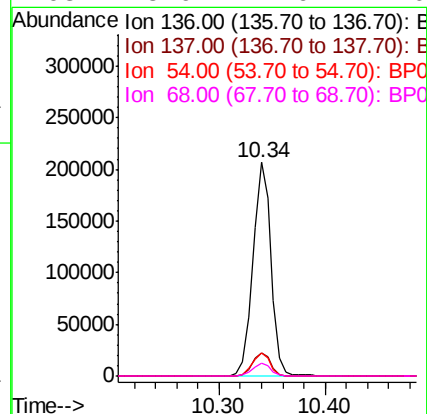
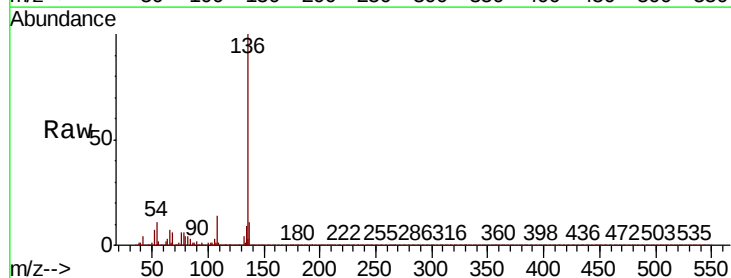
Instrument :
BNA_P
ClientSampleId :

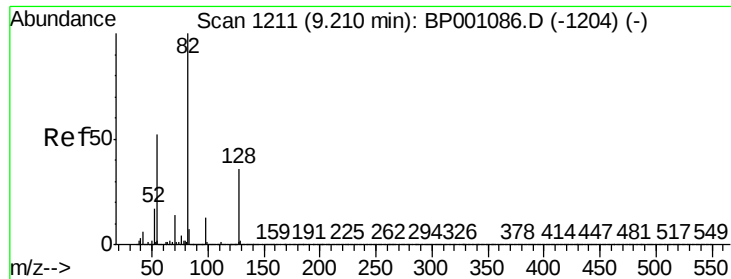
Tot Ion: 70 Resp: 87554
Ion Ratio Lower Upper
70 100
42 48.3 50.6 76.0#
101 0.0 7.1 10.7#
130 1.3 13.6 20.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001276.D
Acq: 09 Dec 2019 18:17

Tgt Ion:136 Resp: 245750
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 10.5 7.4 11.0
68 5.9 4.6 7.0

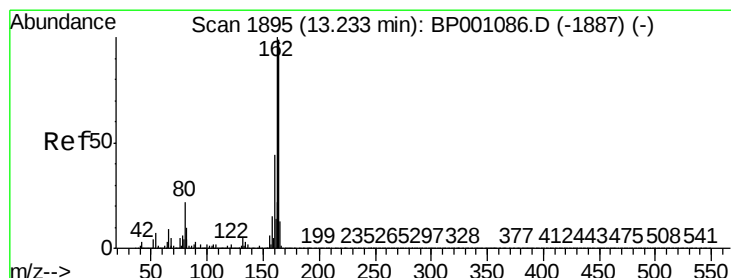
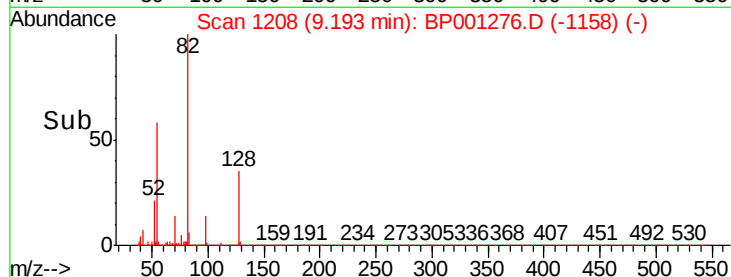
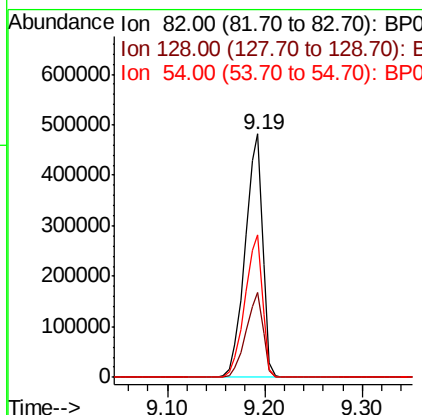
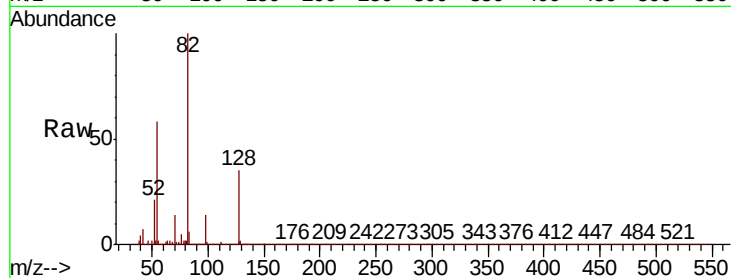




#23
 Nitrobenzene-d5
 Concen: 105.476 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BP001276.D
 Acq: 09 Dec 2019 18:17

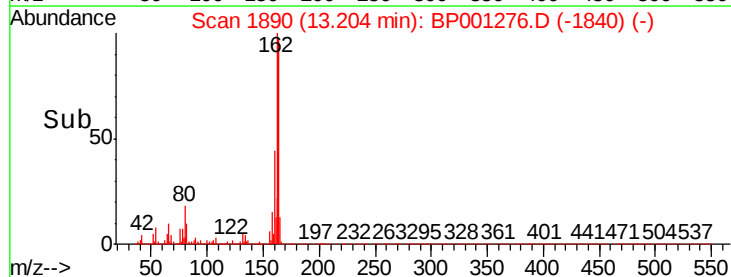
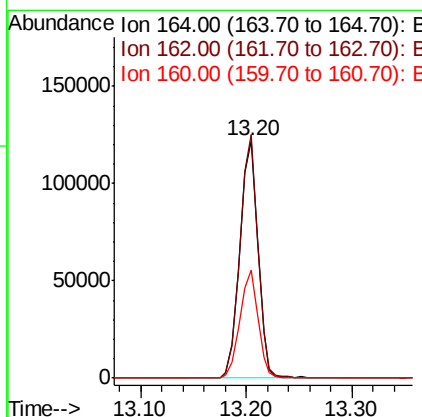
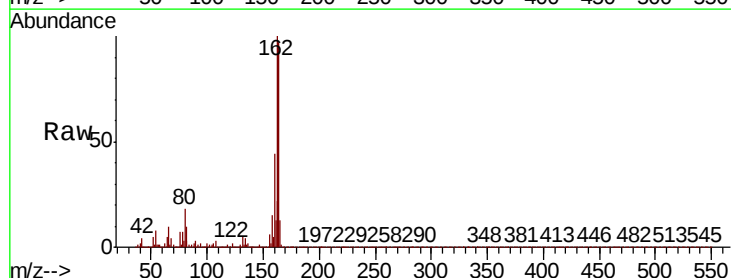
Instrument :
 BNA_P
 ClientSampleId :

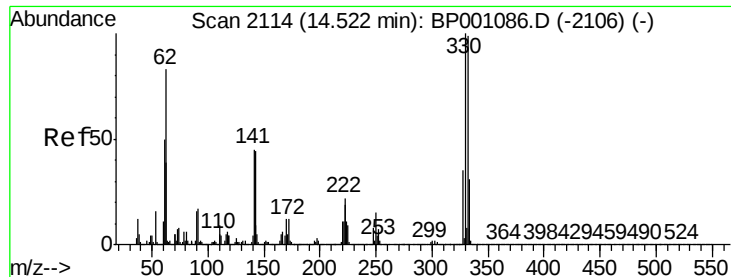
Tot Ion	82	Resp	597447
Ion Ratio	Lower	Upper	
82	100		
128	35.0	27.5	41.3
54	58.5	45.7	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BP001276.D
 Acq: 09 Dec 2019 18:17

Tgt Ion	164	Resp	143800
Ion Ratio	Lower	Upper	
164	100		
162	102.6	80.7	121.1
160	45.4	36.3	54.5

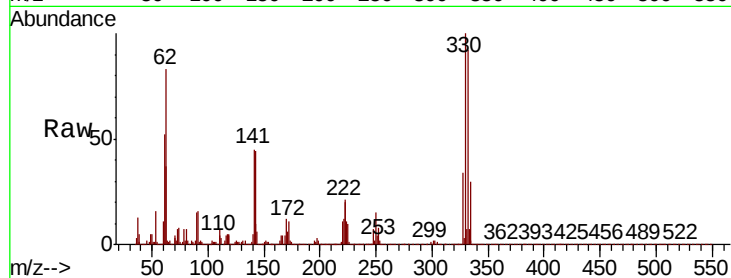




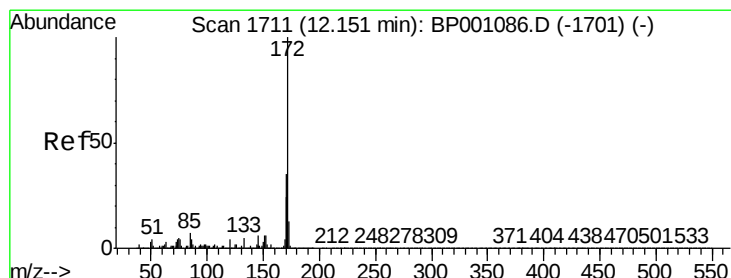
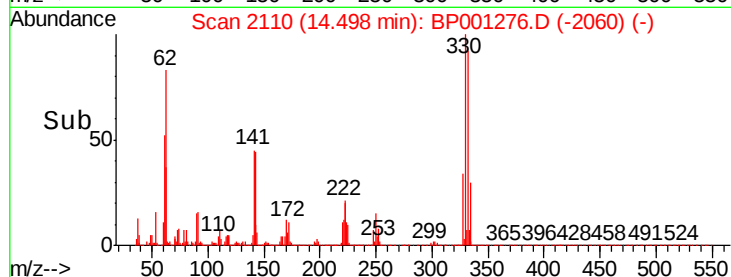
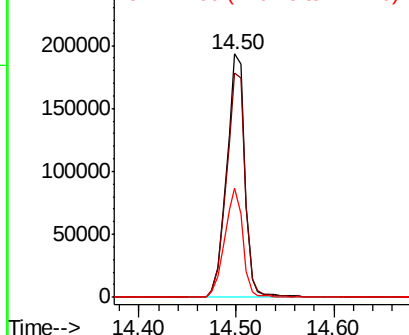
#42
2,4,6-Tribromophenol
Concen: 182.302 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001276.D
Acq: 09 Dec 2019 18:17

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 251271
Ion Ratio Lower Upper
330 100
332 94.7 79.1 118.7
141 44.1 35.9 53.9

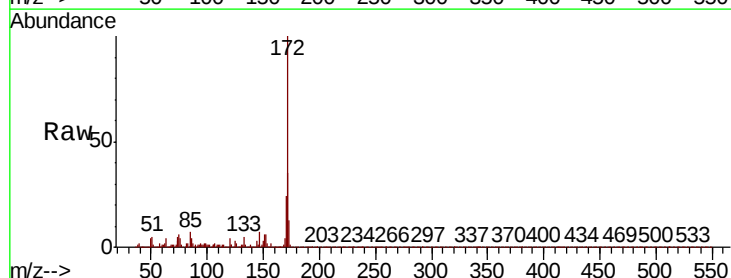


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

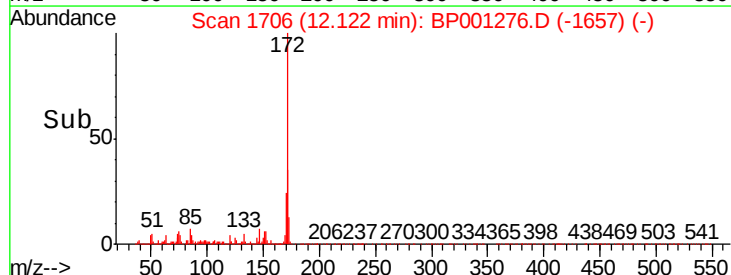
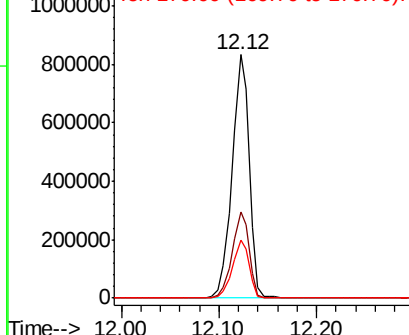


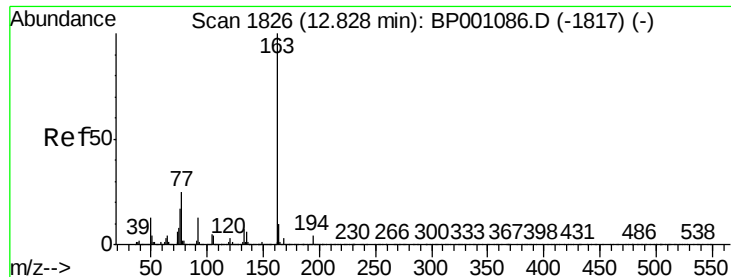
#45
2-Fluorobiphenyl
Concen: 103.108 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001276.D
Acq: 09 Dec 2019 18:17

Tgt Ion:172 Resp: 1013064
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.7 19.2 28.8



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: 5.615 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BP001276.D

Acq: 09 Dec 2019 18:17

Instrument :

BNA_P

ClientSampleId :

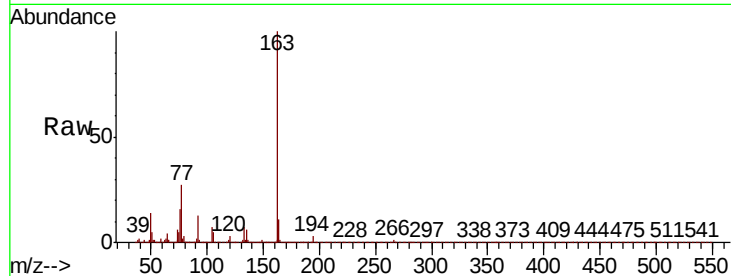
Tot Ion:163 Resp: 60387

Ion Ratio Lower Upper

163 100

194 3.1 3.1 4.7#

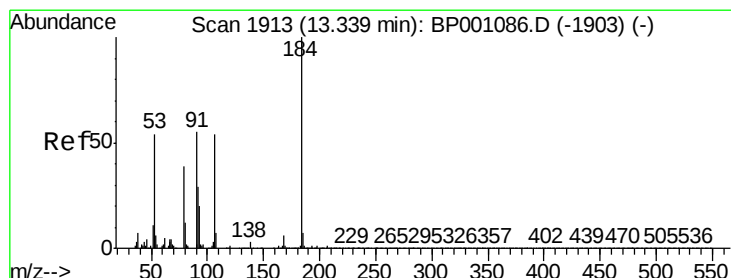
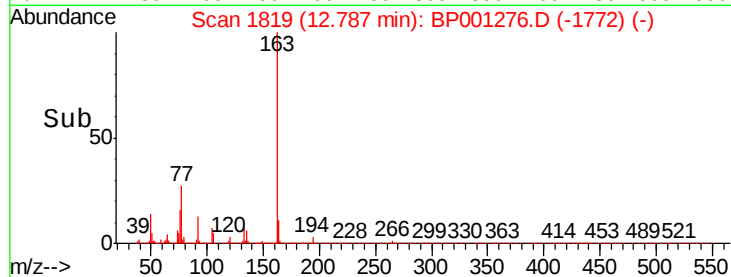
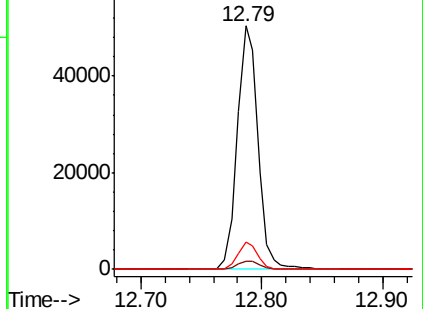
164 11.2 8.2 12.4



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: 7.115 ng

RT: 13.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BP001276.D

Acq: 09 Dec 2019 18:17

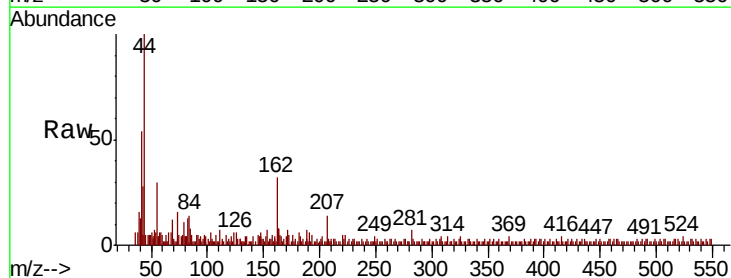
Tgt Ion:184 Resp: 6

Ion Ratio Lower Upper

184 100

63 200.0 69.4 104.0#

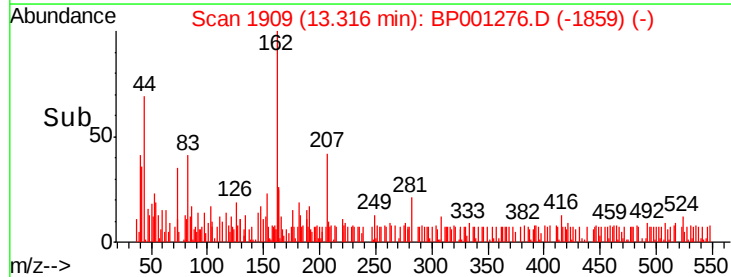
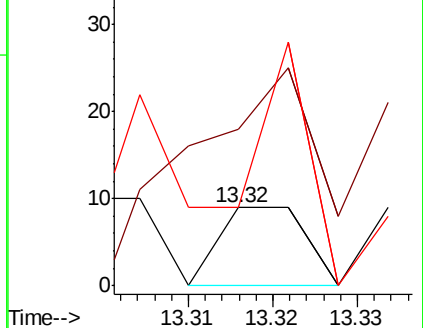
154 100.0 57.4 86.2#

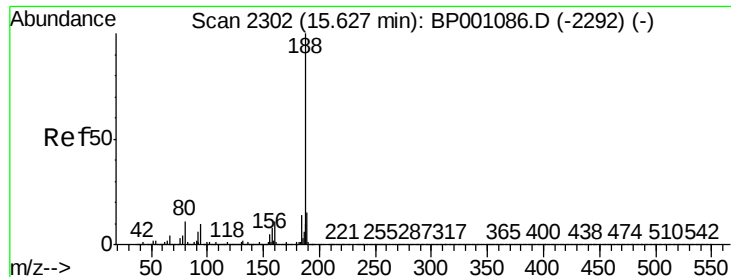


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

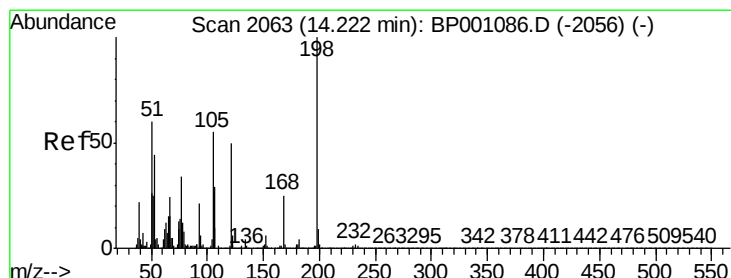
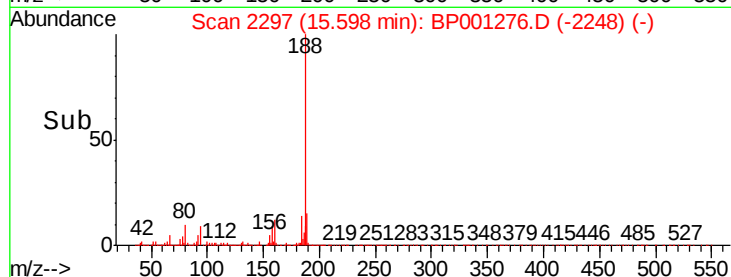
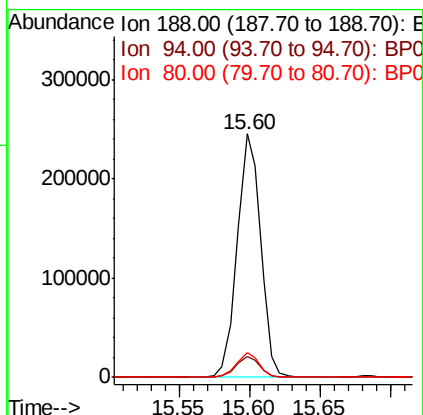
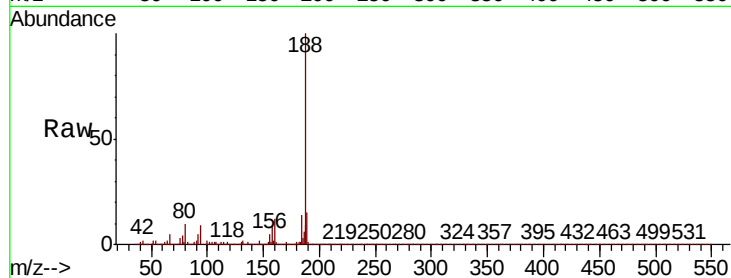




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001276.D
Acq: 09 Dec 2019 18:17

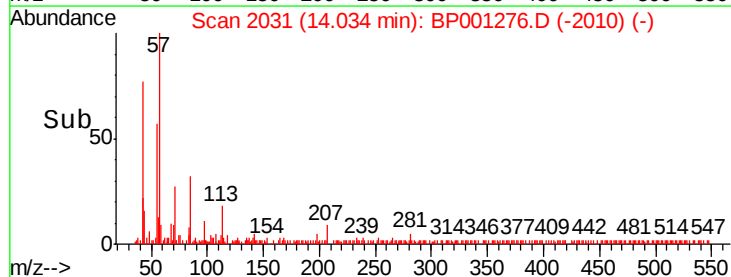
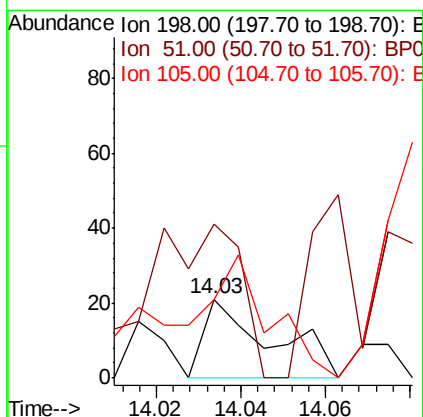
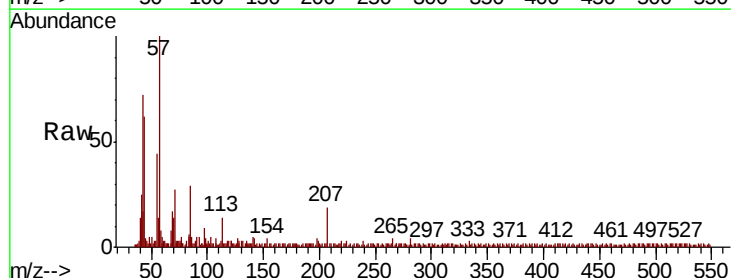
Instrument :
BNA_P
ClientSampleId :

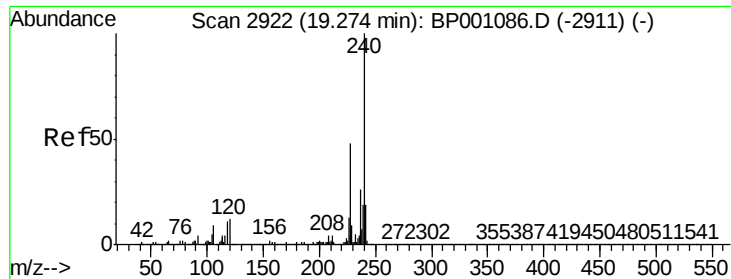
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	9.9	7.8	11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 6.293 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.18 min
Lab File: BP001276.D
Acq: 09 Dec 2019 18:17

Tgt Ion	Ratio	Lower	Upper
198	100		
51	195.2	36.2	76.2#
105	100.0	30.2	70.2#

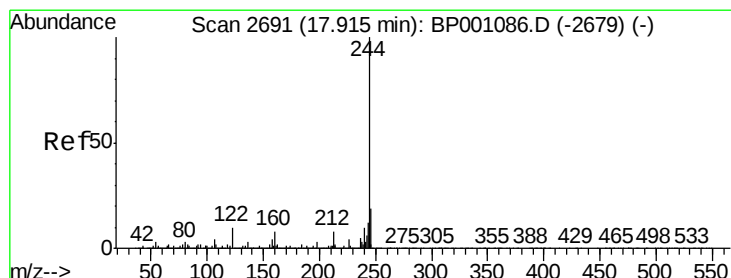
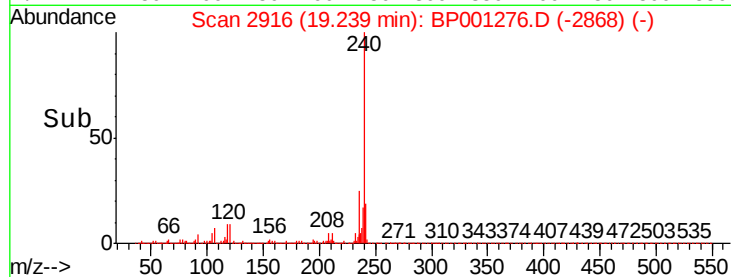
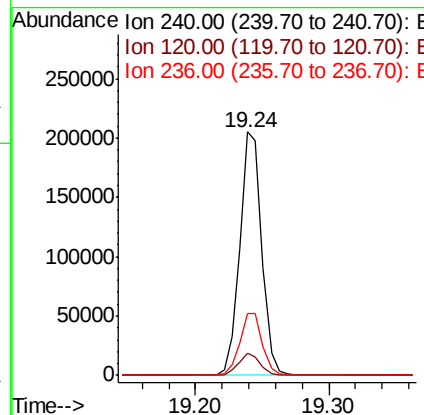
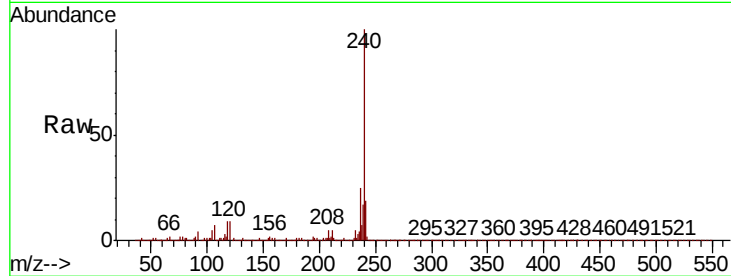




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 19.24 min Scan# 2916
 Delta R.T. -0.02 min
 Lab File: BP001276.D
 Acq: 09 Dec 2019 18:17

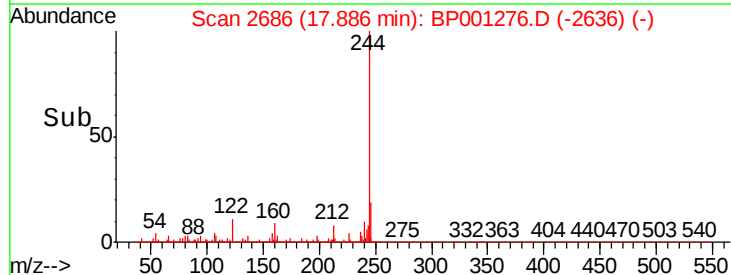
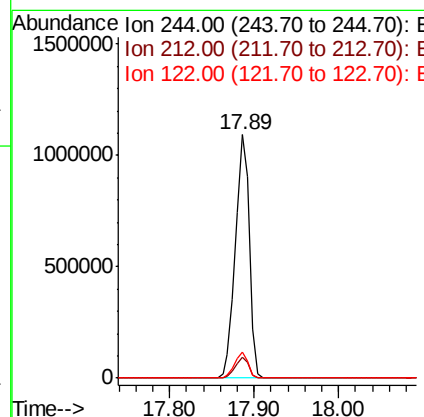
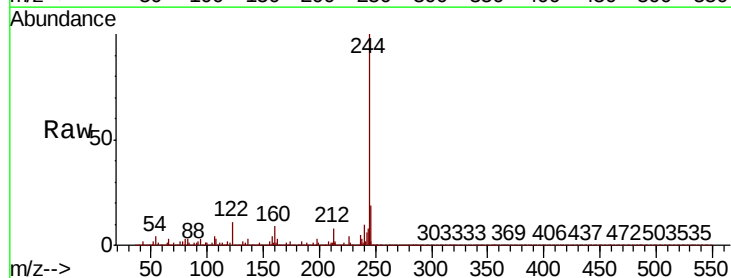
Instrument :
 BNA_P
 ClientSampleId :

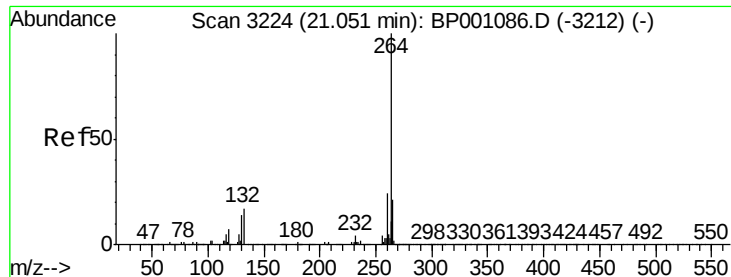
Tot Ion:240 Resp: 234709
 Ion Ratio Lower Upper
 240 100
 120 9.3 7.0 10.6
 236 25.4 21.7 32.5



#79
 Terphenyl-d14
 Concen: 96.702 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. -0.01 min
 Lab File: BP001276.D
 Acq: 09 Dec 2019 18:17

Tgt Ion:244 Resp: 1226795
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 9.8
 122 10.9 9.2 13.8

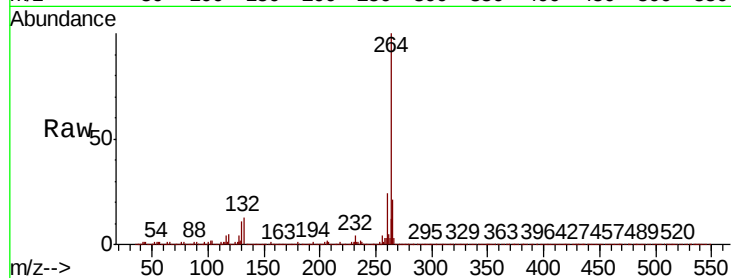




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3218
 Delta R.T. -0.01 min
 Lab File: BP001276.D
 Acq: 09 Dec 2019 18:17

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.4	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

