

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
 Data File : BP001285.D
 Acq On : 09 Dec 2019 22:44
 Operator : JU
 Sample : K6188-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 10 04:25:38 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

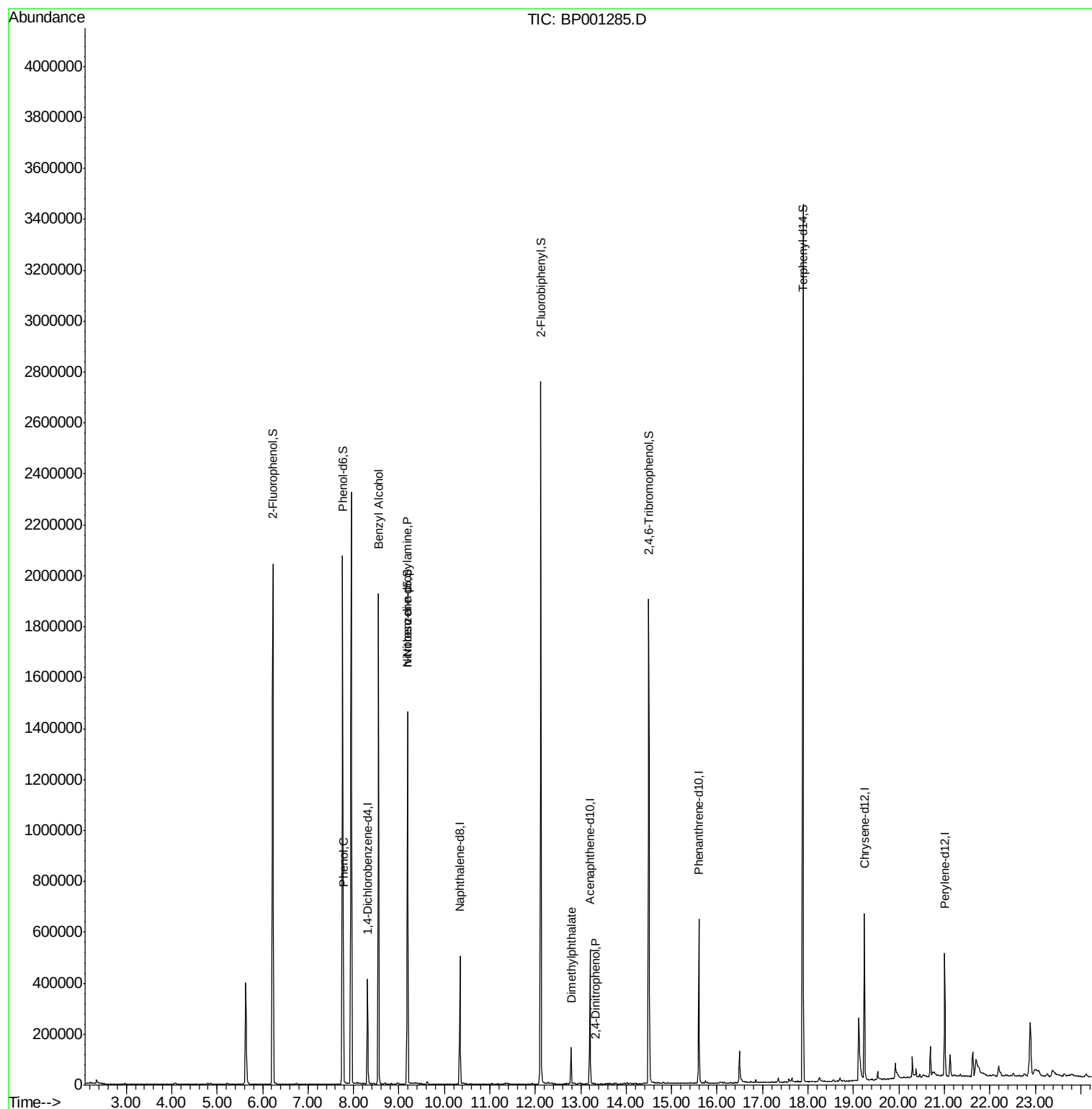
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	67706	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	250422	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	142515	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	275146	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	224842	20.00	ng	-0.02
87) Perylene-d12	21.01	264	245048	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	661488	162.09	ng	0.01
7) Phenol-d6	7.76	99	909270	167.24	ng	0.00
23) Nitrobenzene-d5	9.19	82	625782	108.42	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	258883	189.52	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1040549	106.86	ng	-0.01
79) Terphenyl-d14	17.89	244	1286599	105.87	ng	0.00
Target Compounds						
9) Benzaldehyde	7.61	77	102	Below Cal		Qvalue
10) Phenol	7.78	94	46931	7.589 ng	#	56
15) Benzyl Alcohol	8.55	79	12978	2.908 ng	#	56
19) n-Nitroso-di-n-propylamine	9.19	70	93839	23.920 ng	#	77
50) Dimethylphthalate	12.79	163	63954	6.000 ng		100
54) 2,4-Dinitrophenol	13.32	184	6	7.115 ng	#	1

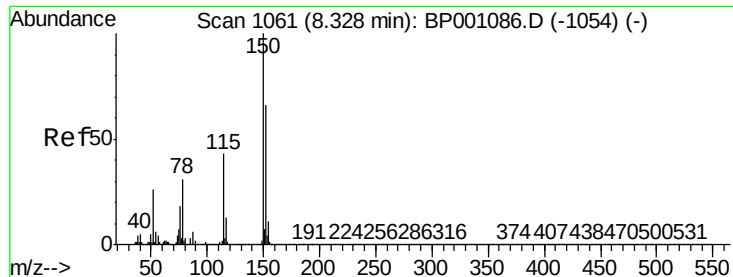
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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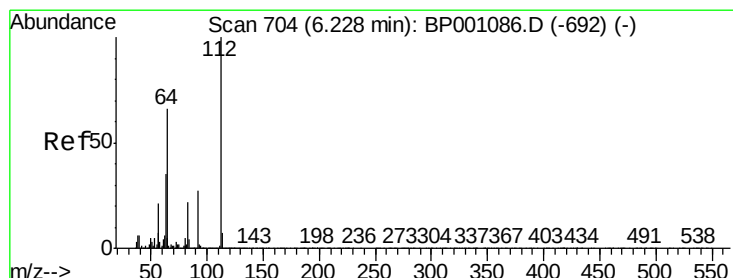
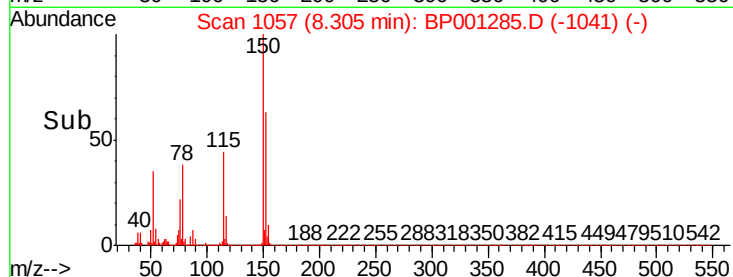
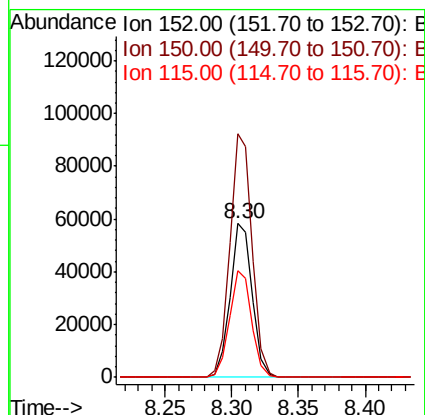
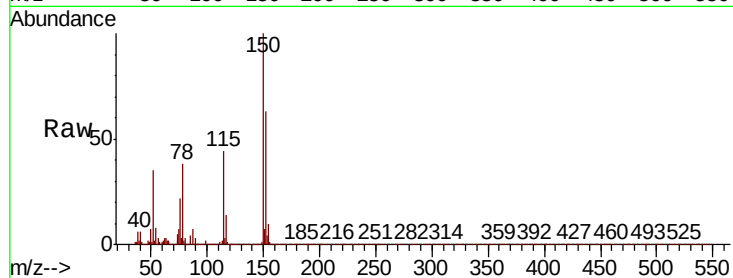




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001285.D
 Acq: 09 Dec 2019 22:44

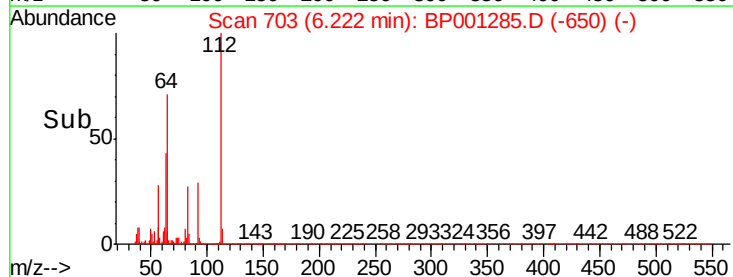
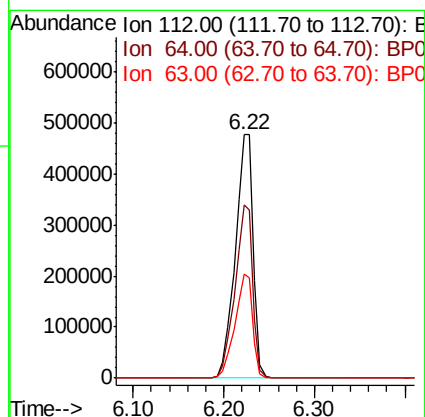
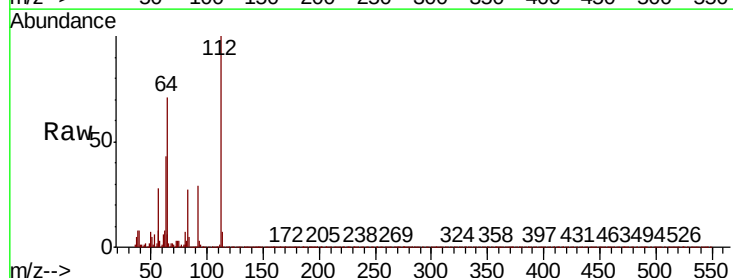
Instrument :
 BNA_P
 ClientSampleId :

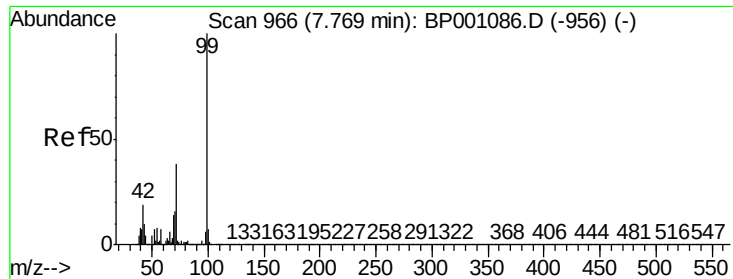
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	127.3	190.9
115	69.0	56.0	84.0



#5
 2-Fluorophenol
 Concen: 162.092 ng
 RT: 6.22 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: BP001285.D
 Acq: 09 Dec 2019 22:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	56.8	85.2
63	43.0	32.2	48.2





#7

Phenol-d6

Concen: 167.243 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

Instrument :

BNA_P

ClientSampleId :

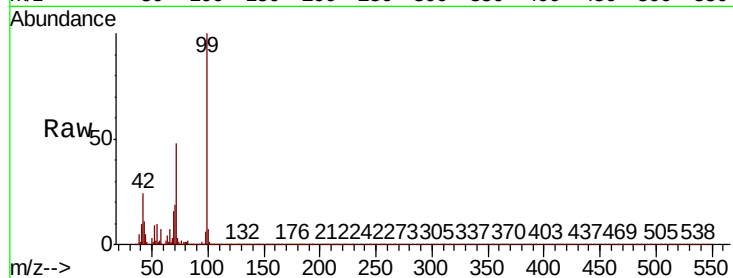
Tot Ion: 99 Resp: 909270

Ion Ratio Lower Upper

99 100

42 23.9 17.6 26.4

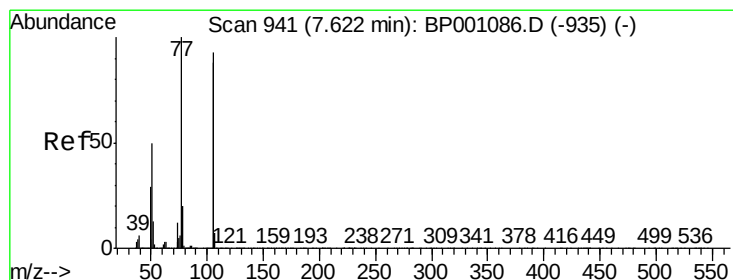
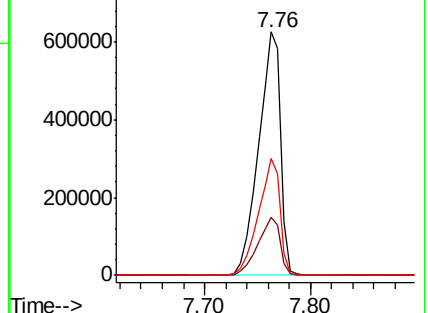
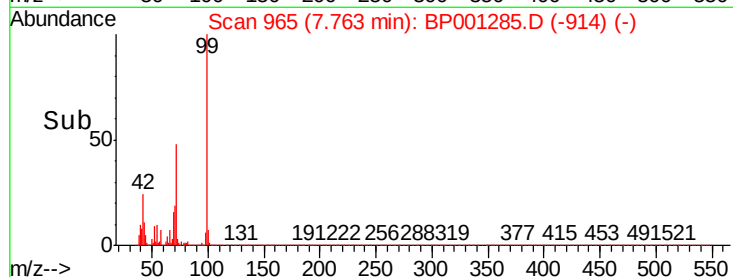
71 47.9 33.8 50.8



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



#9

Benzaldehyde

Concen: Below Cal

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

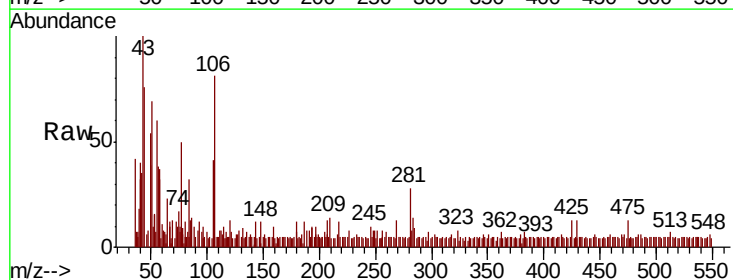
Tgt Ion: 77 Resp: 102

Ion Ratio Lower Upper

77 100

105 80.7 69.7 109.7

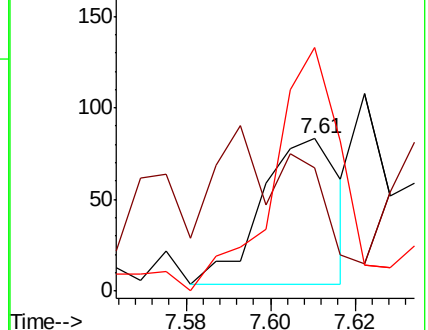
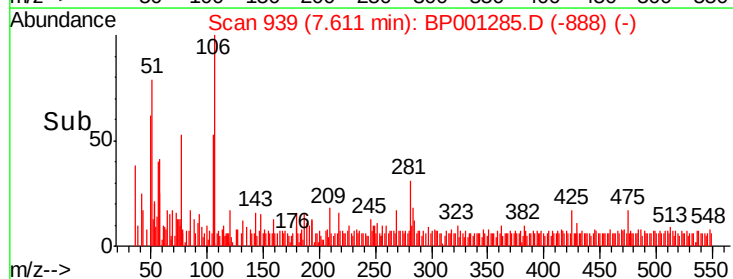
106 160.2 67.1 107.1#

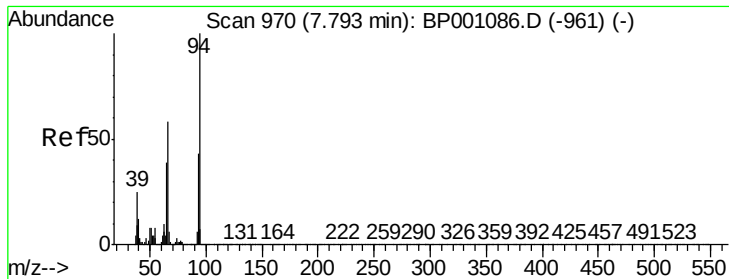


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 7.589 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

Instrument :

BNA_P

ClientSampleId :

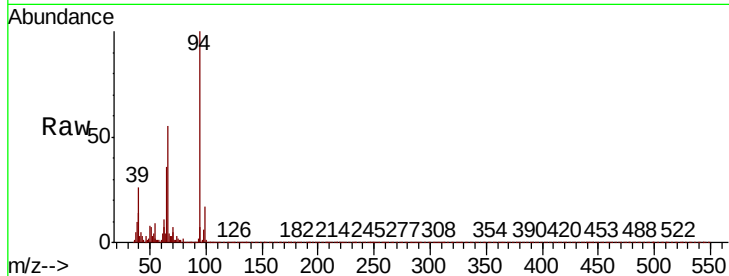
Tot Ion: 94 Resp: 46931

Ion Ratio Lower Upper

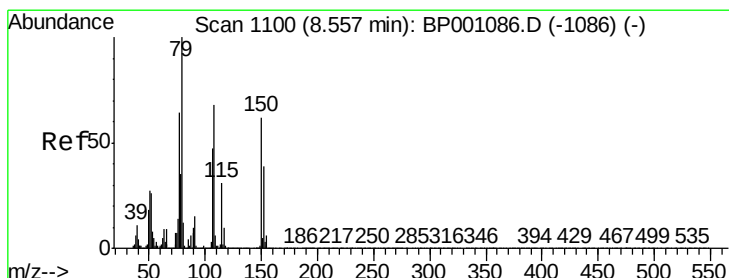
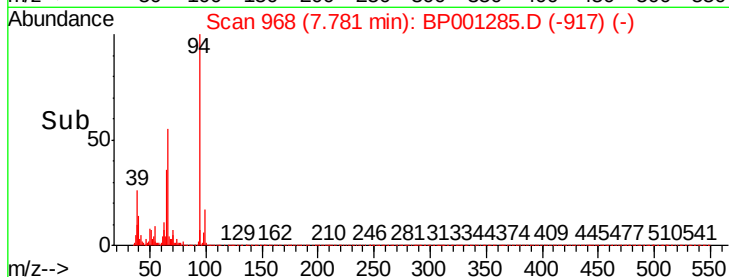
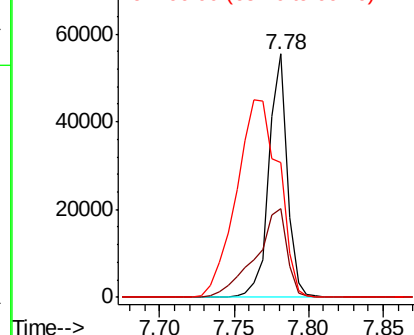
94 100

65 36.3 25.6 65.6

66 55.4 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: 2.908 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

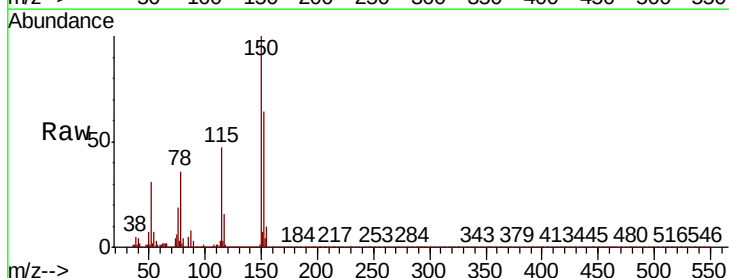
Tgt Ion: 79 Resp: 12978

Ion Ratio Lower Upper

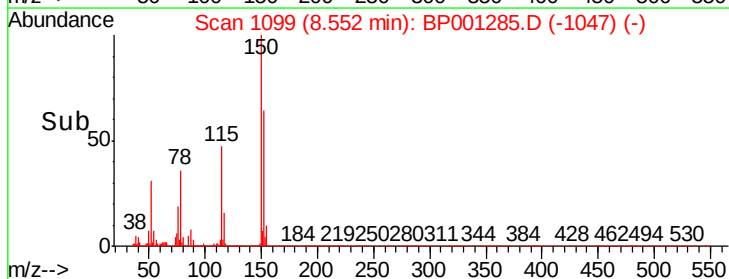
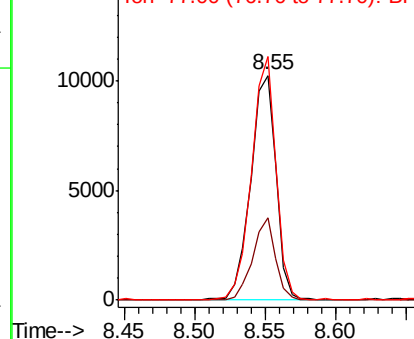
79 100

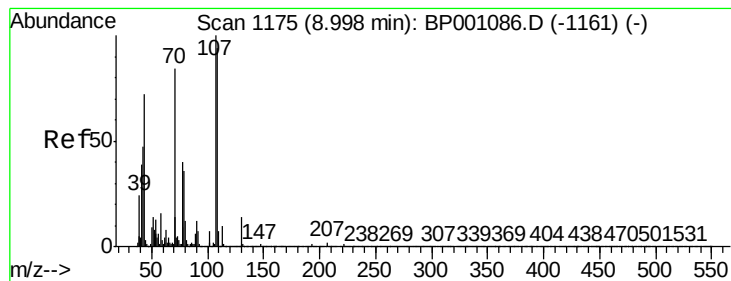
108 36.5 51.6 77.4#

77 108.2 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: 23.920 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.21 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

Instrument :

BNA_P

ClientSampled :

Tot Ion: 70 Resp: 93839

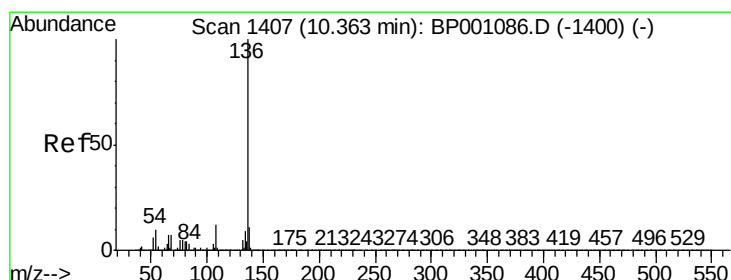
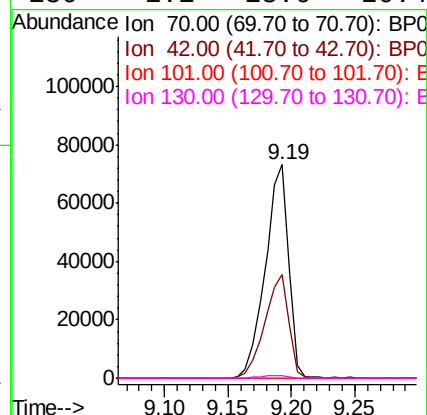
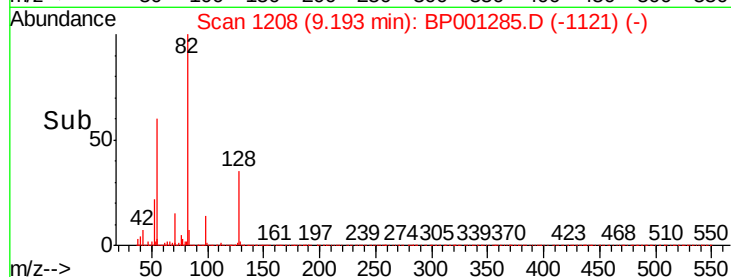
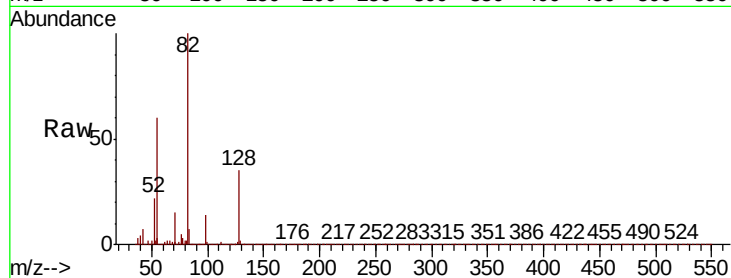
Ion Ratio Lower Upper

70 100

42 48.7 50.6 76.0#

101 0.0 7.1 10.7#

130 1.1 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: BP001285.D

Acq: 09 Dec 2019 22:44

Tgt Ion: 136 Resp: 250422

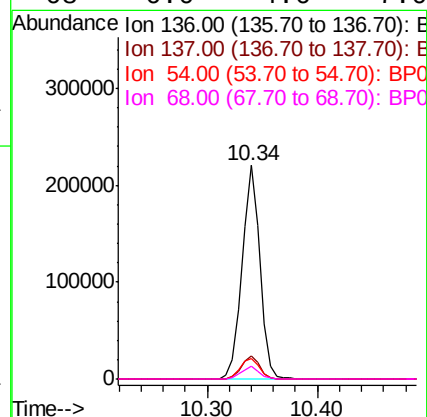
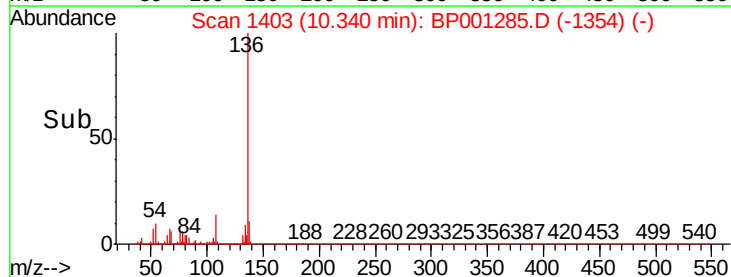
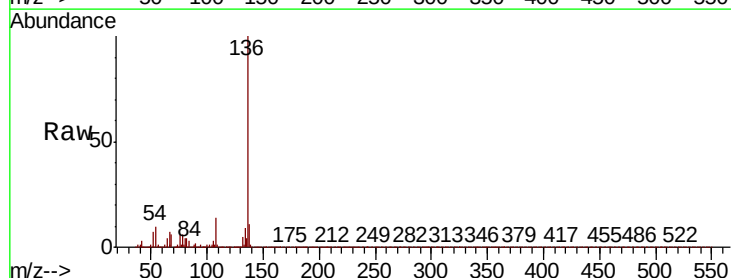
Ion Ratio Lower Upper

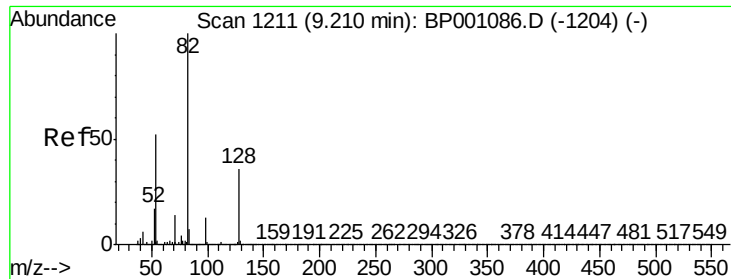
136 100

137 10.7 8.4 12.6

54 9.7 7.4 11.0

68 6.0 4.6 7.0

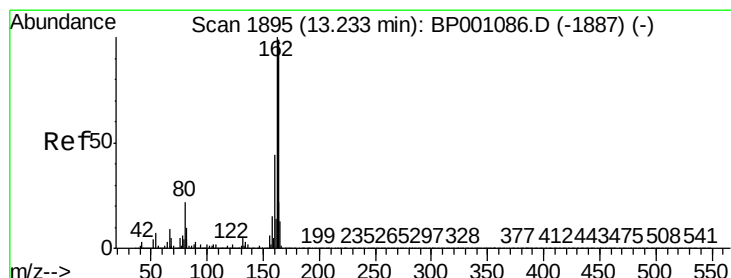
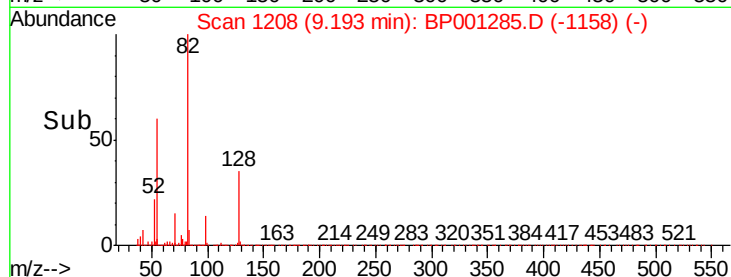
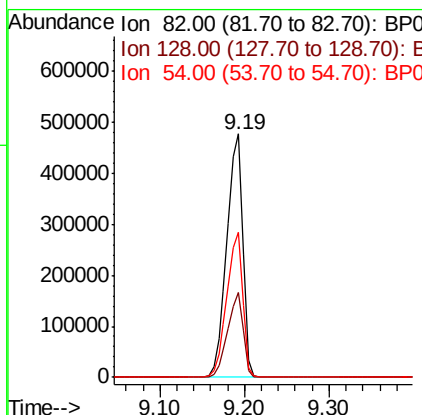
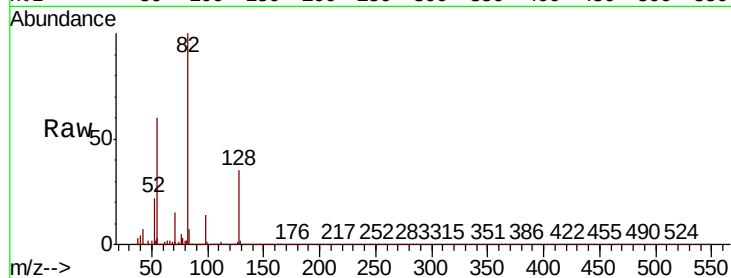




#23
 Nitrobenzene-d5
 Concen: 108.417 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BP001285.D
 Acq: 09 Dec 2019 22:44

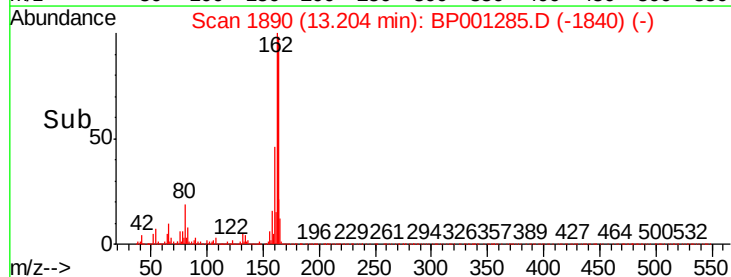
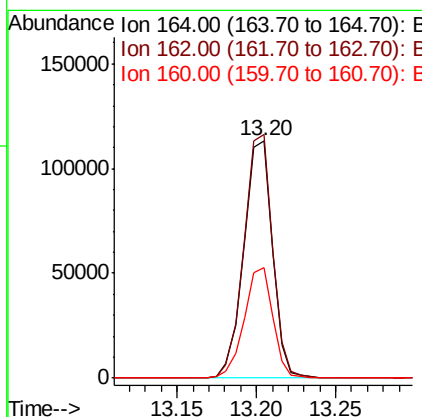
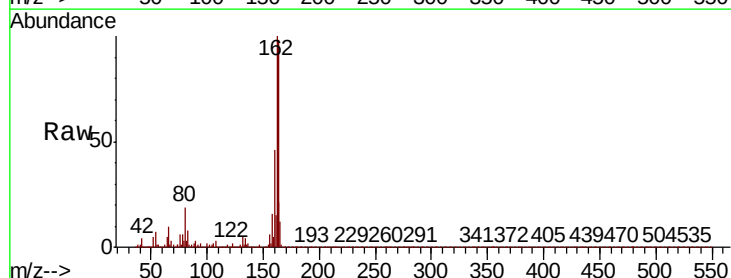
Instrument :
 BNA_P
 ClientSampleId :

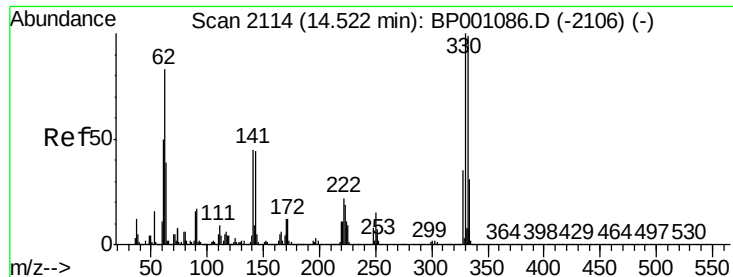
Tot Ion	82	Resp	625782
Ion Ratio	Lower	Upper	
82	100		
128	34.9	27.5	41.3
54	59.7	45.7	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BP001285.D
 Acq: 09 Dec 2019 22:44

Tgt Ion	164	Resp	142515
Ion Ratio	Lower	Upper	
164	100		
162	102.6	80.7	121.1
160	46.7	36.3	54.5

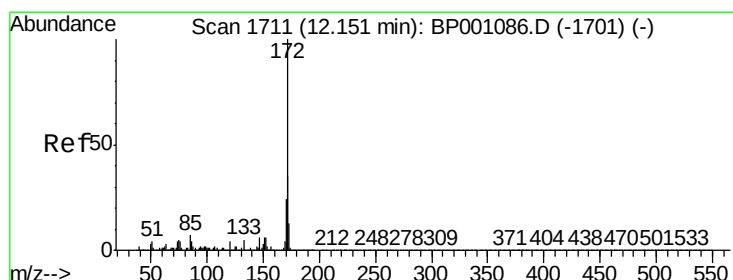
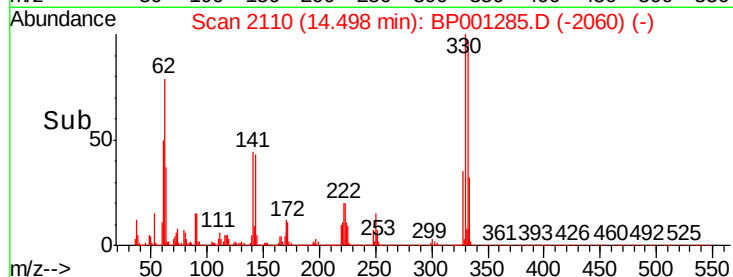
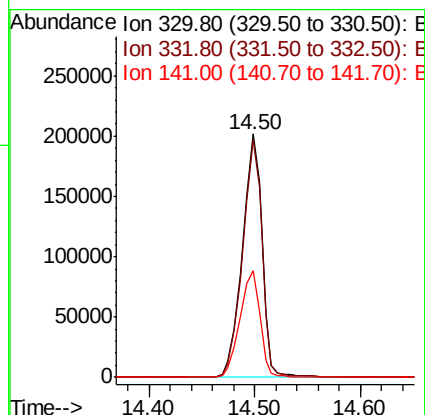
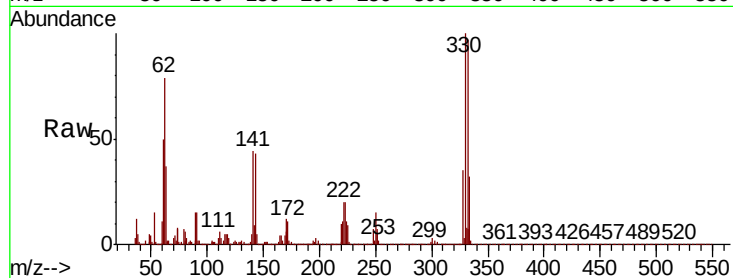




#42
2,4,6-Tribromophenol
Concen: 189.518 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001285.D
Acq: 09 Dec 2019 22:44

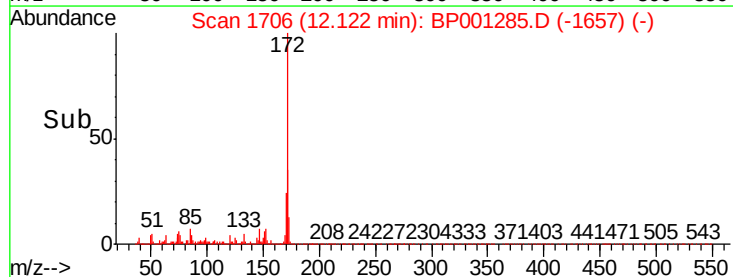
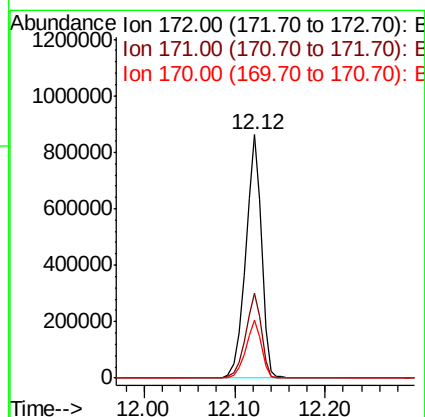
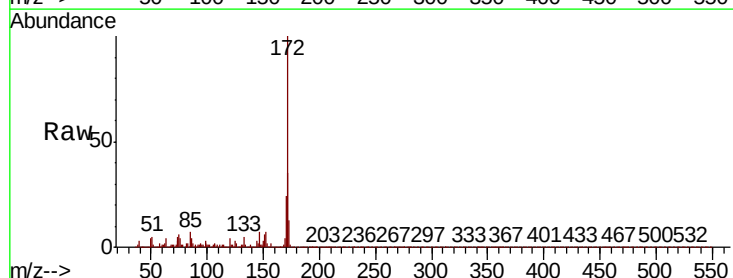
Instrument :
BNA_P
ClientSampled :

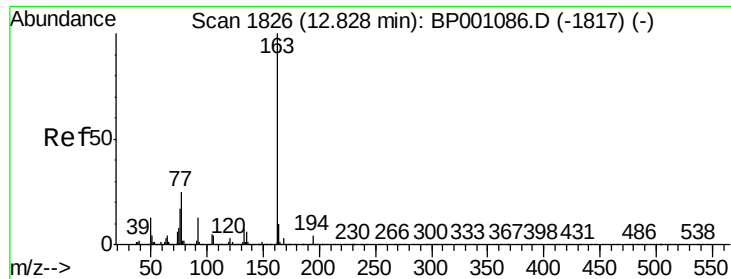
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.1	118.7
141	44.7	35.9	53.9



#45
2-Fluorobiphenyl
Concen: 106.860 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001285.D
Acq: 09 Dec 2019 22:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	23.8	19.2	28.8





#50

Dimethylphthalate

Concen: 6.000 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

Instrument :

BNA_P

ClientSampleId :

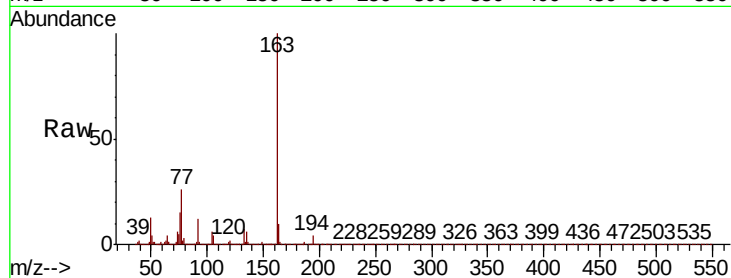
Tot Ion:163 Resp: 63954

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

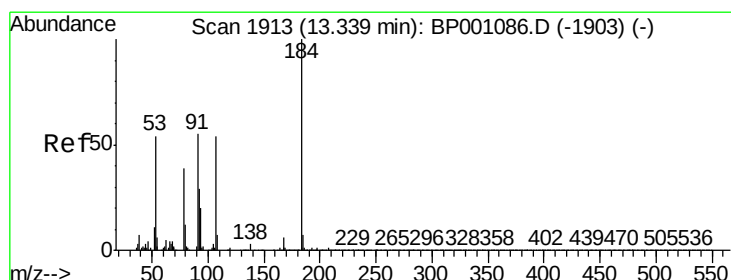
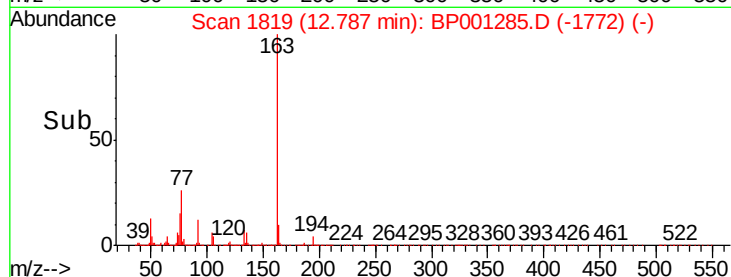
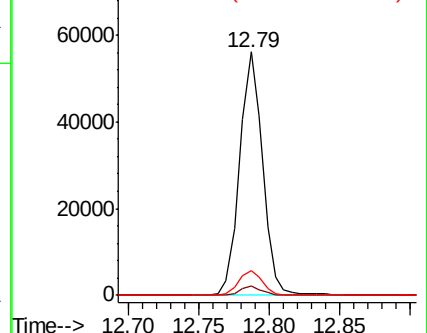
164 10.3 8.2 12.4



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# 1910

Delta R.T. 0.00 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

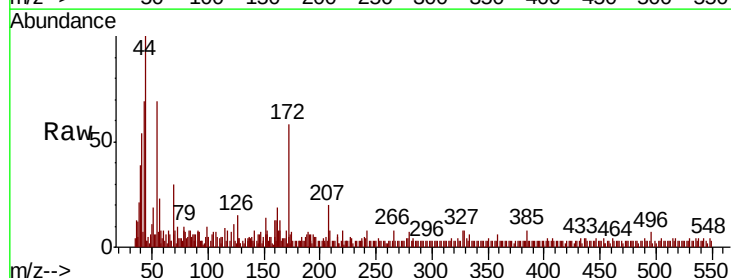
Tgt Ion:184 Resp: 6

Ion Ratio Lower Upper

184 100

63 255.6 69.4 104.0#

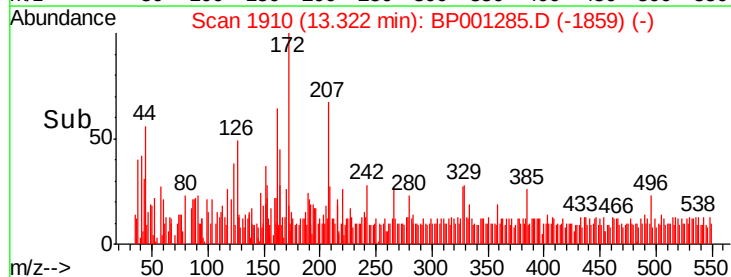
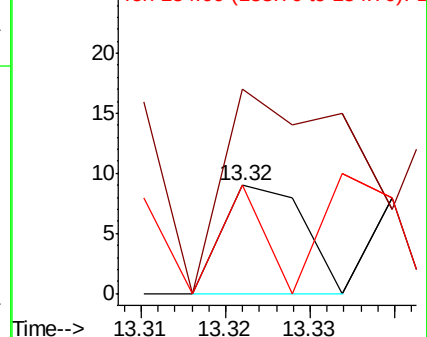
154 100.0 57.4 86.2#

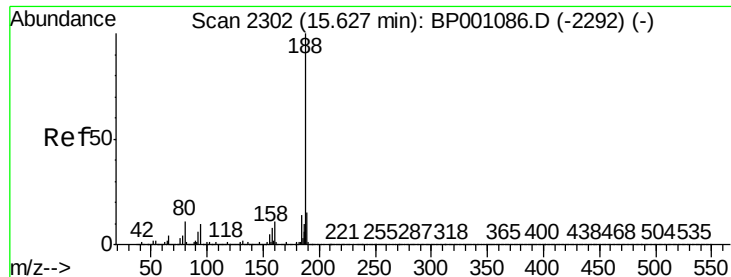


Abundance Ion 184.00 (183.70 to 184.70): E

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: BP001285.D

Acq: 09 Dec 2019 22:44

Instrument :

BNA_P

ClientSampleId :

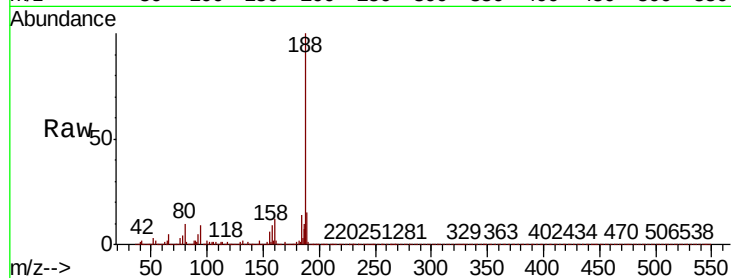
Tot Ion:188 Resp: 275146

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

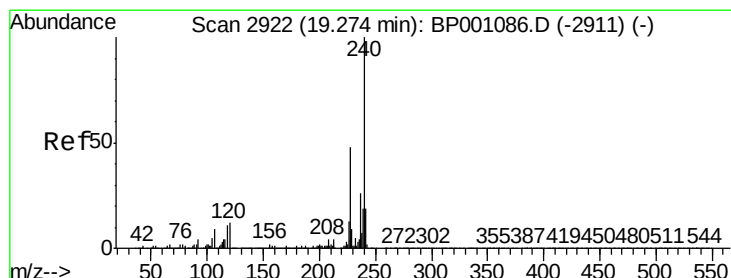
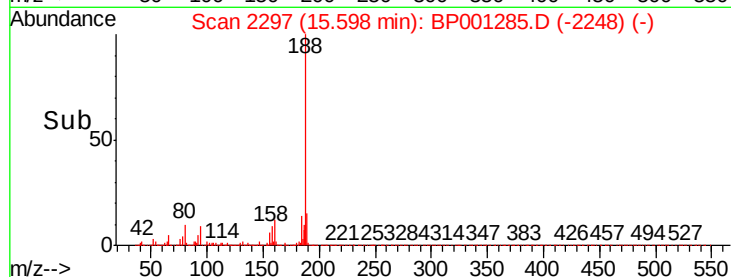
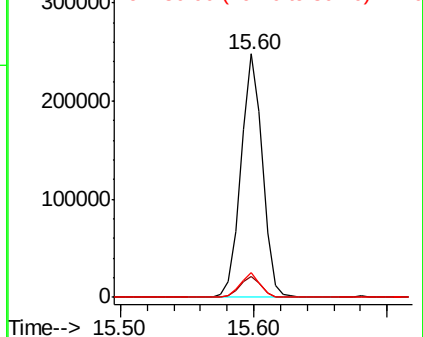
80 10.2 7.8 11.6



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: 19.24 min Scan# 2916

Delta R.T. -0.02 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

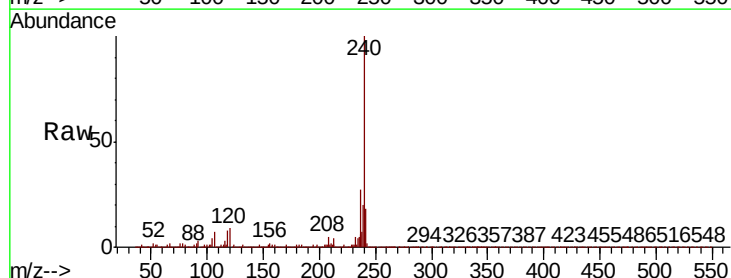
Tgt Ion:240 Resp: 224842

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

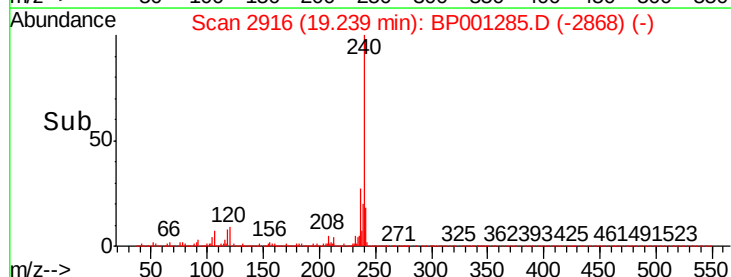
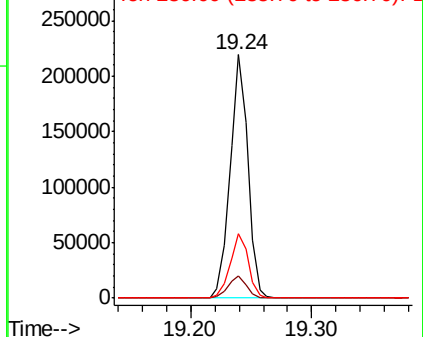
236 26.6 21.7 32.5

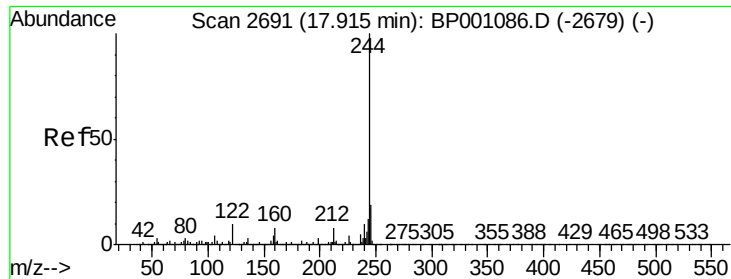


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.867 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

Instrument :

BNA_P

ClientSampleId :

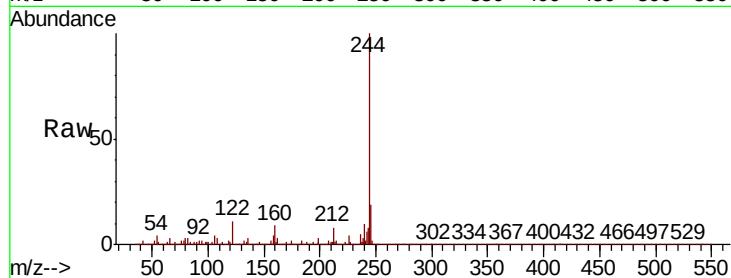
Tot Ion:244 Resp: 1286599

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

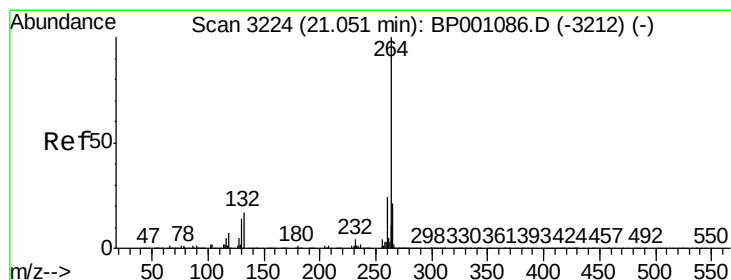
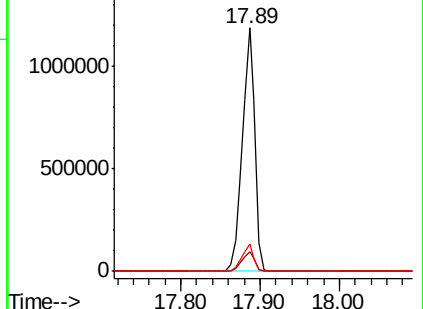
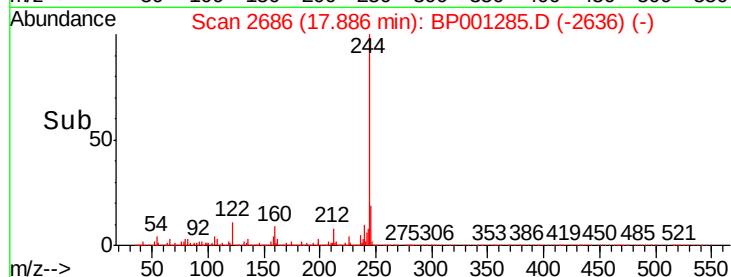
122 11.0 9.2 13.8



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: 21.01 min Scan# 3217

Delta R.T. -0.02 min

Lab File: BP001285.D

Acq: 09 Dec 2019 22:44

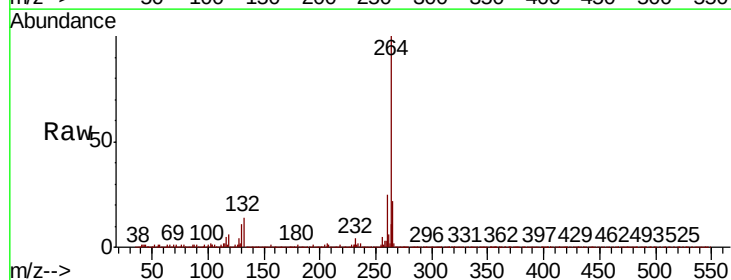
Tgt Ion:264 Resp: 245048

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 21.9 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

