

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121119\
 Data File : BP001311.D
 Acq On : 11 Dec 2019 14:56
 Operator : JU
 Sample : K6204-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 K072-AA-WC-2

Quant Time: Dec 12 06:39:25 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

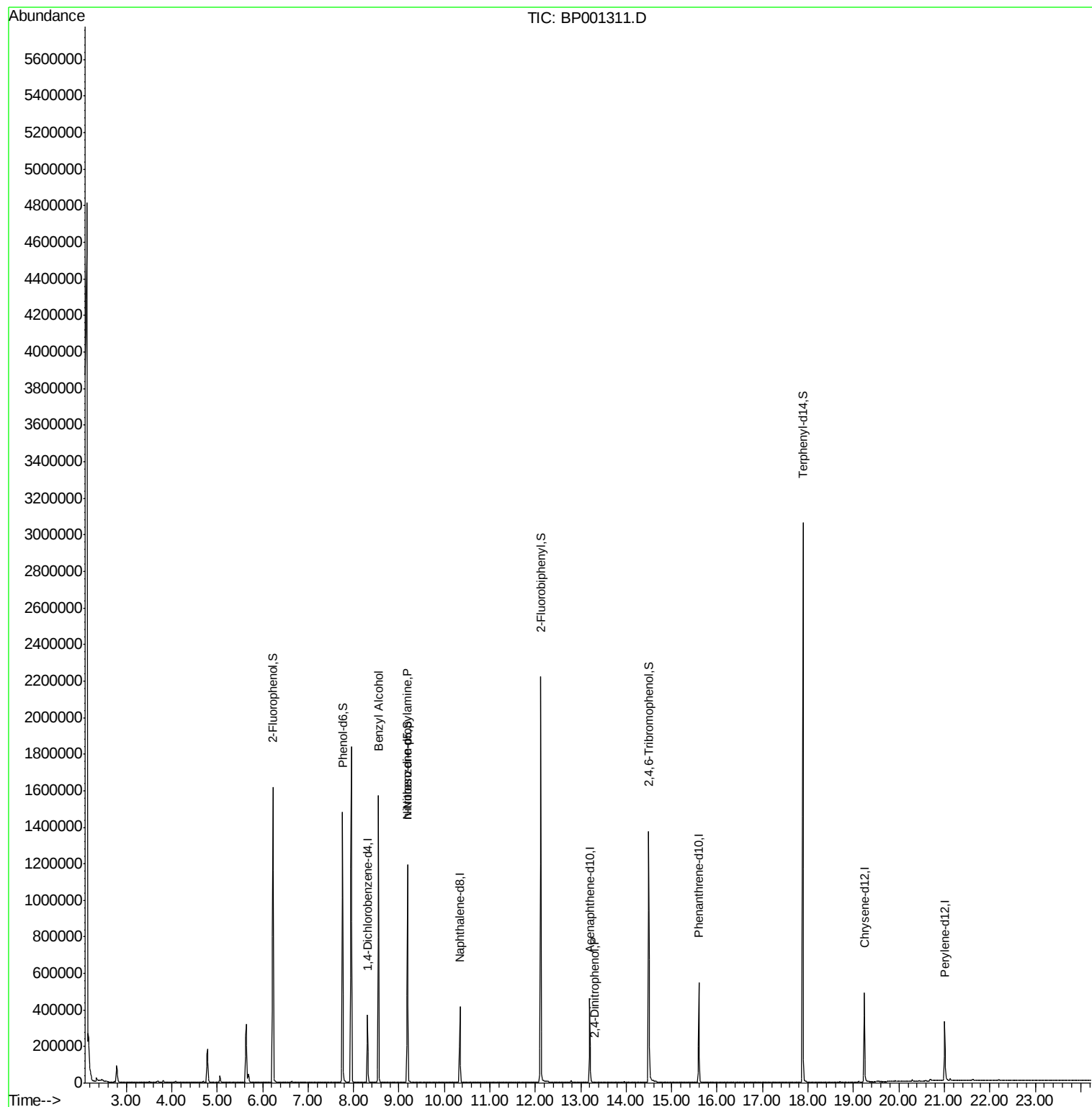
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	61076	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	220618	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	125149	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	245138	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	185339	20.00	ng	-0.02
87) Perylene-d12	21.01	264	172674	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	476958	129.56	ng	0.02
7) Phenol-d6	7.76	99	573050	116.84	ng	0.00
23) Nitrobenzene-d5	9.19	82	505092	99.33	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	202174	168.54	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	873687	102.17	ng	-0.01
79) Terphenyl-d14	17.89	244	1124283	112.23	ng	0.00
Target Compounds						
9) Benzaldehyde	7.61	77	423	Below Cal	#	74
15) Benzyl Alcohol	8.55	79	10399	2.583 ng	#	59
19) n-Nitroso-di-n-propylamine	9.19	70	74981	21.187 ng	#	79
54) 2,4-Dinitrophenol	13.30	184	4	7.114 ng	#	1

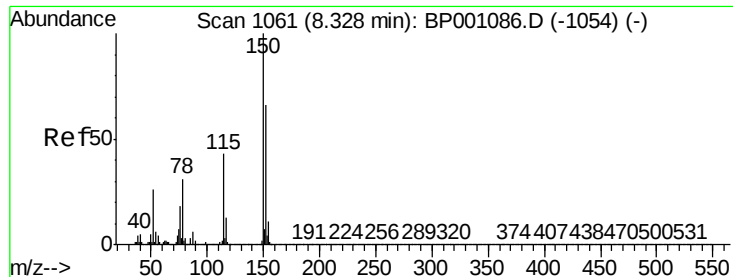
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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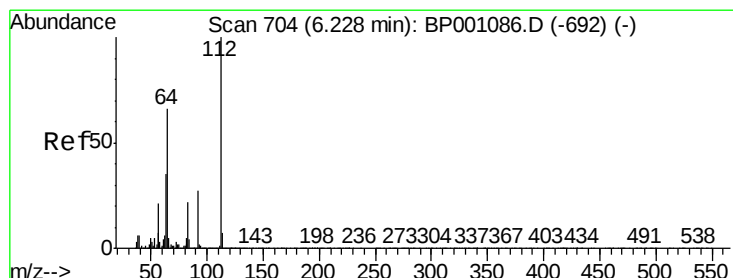
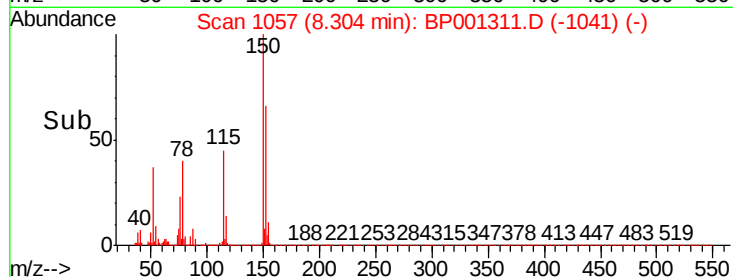
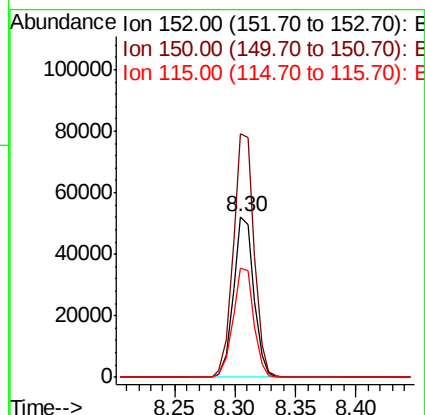
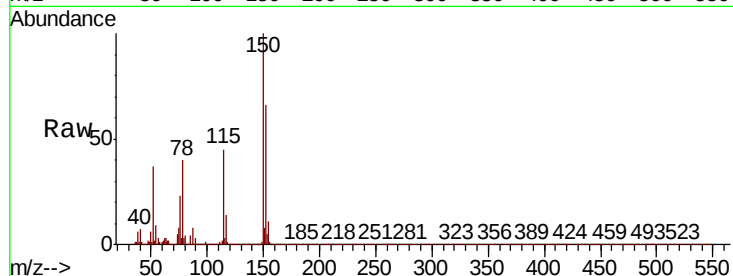




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001311.D
 Acq: 11 Dec 2019 14:56

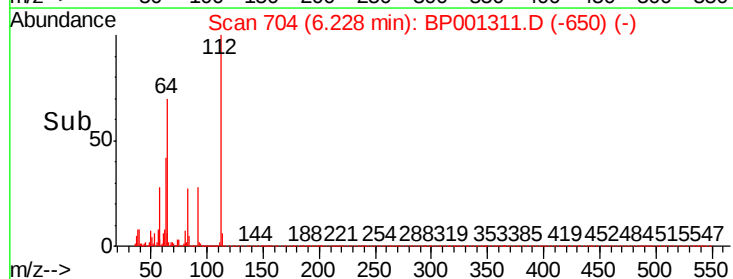
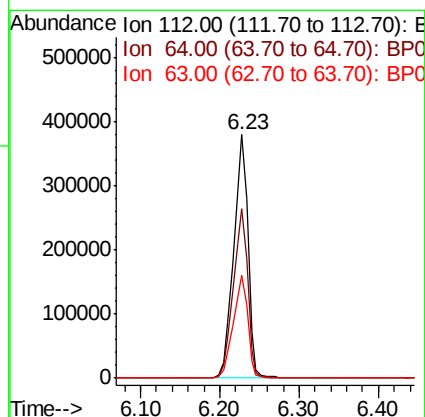
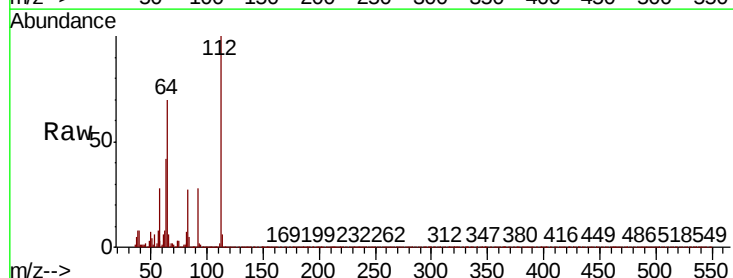
Instrument :
 BNA_P
 ClientSampleId :
 K072-AA-WC-2

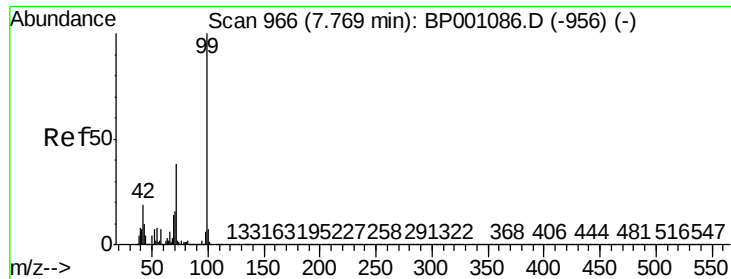
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	127.3	190.9
115	67.5	56.0	84.0



#5
 2-Fluorophenol
 Concen: 129.562 ng
 RT: 6.23 min Scan# 704
 Delta R.T. 0.02 min
 Lab File: BP001311.D
 Acq: 11 Dec 2019 14:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	56.8	85.2
63	42.4	32.2	48.2





#7

Phenol-d6

Concen: 116.844 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BP001311.D

Acq: 11 Dec 2019 14:56

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-2

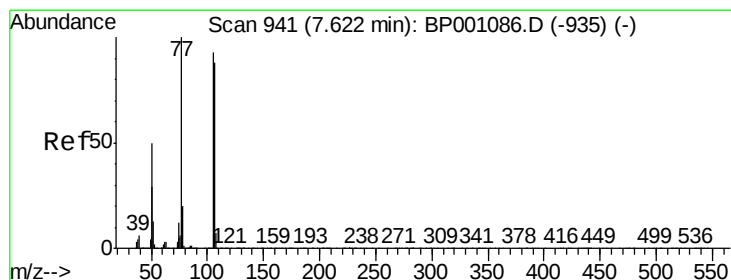
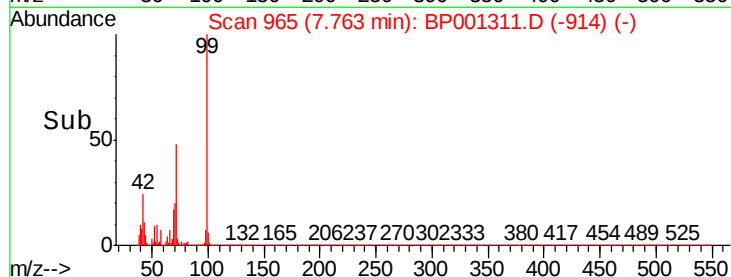
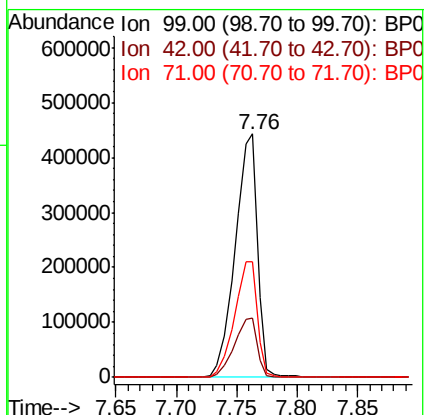
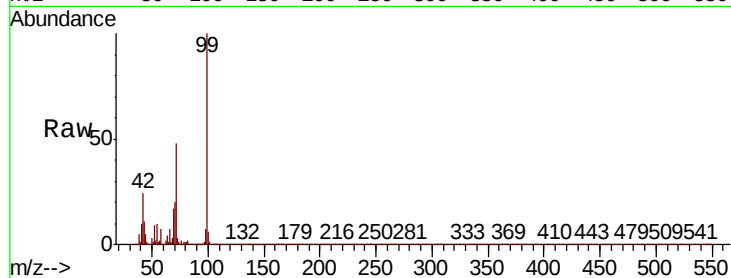
Tot Ion: 99 Resp: 573050

Ion Ratio Lower Upper

99 100

42 24.1 17.6 26.4

71 47.6 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP001311.D

Acq: 11 Dec 2019 14:56

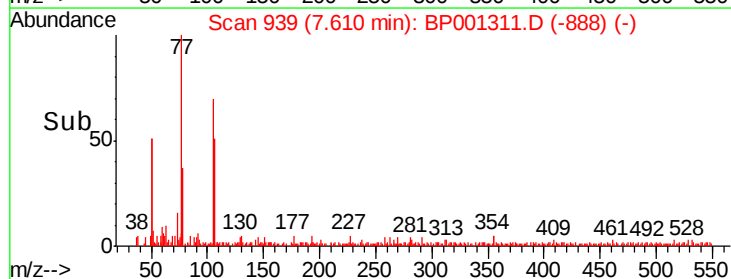
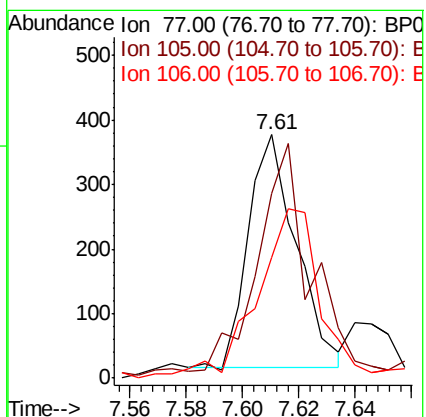
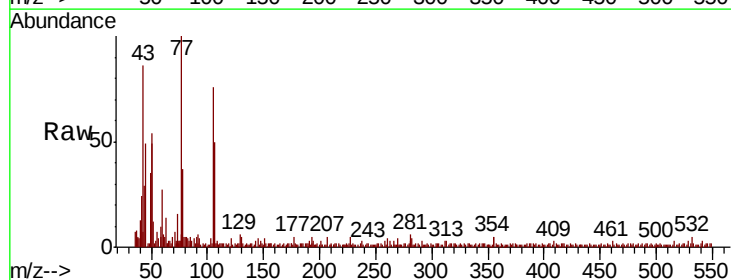
Tgt Ion: 77 Resp: 423

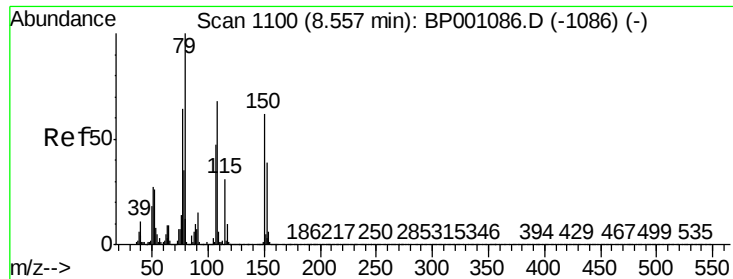
Ion Ratio Lower Upper

77 100

105 75.9 69.7 109.7

106 51.5 67.1 107.1#





#15

Benzyl Alcohol

Concen: 2.583 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BP001311.D

Acq: 11 Dec 2019 14:56

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-2

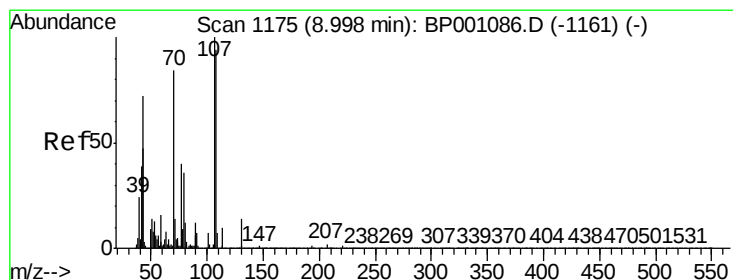
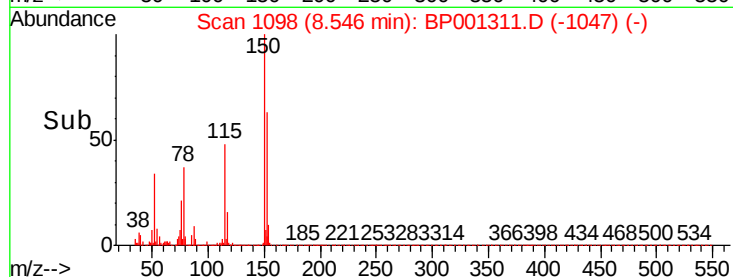
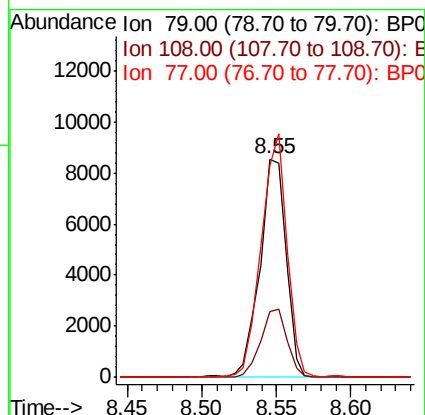
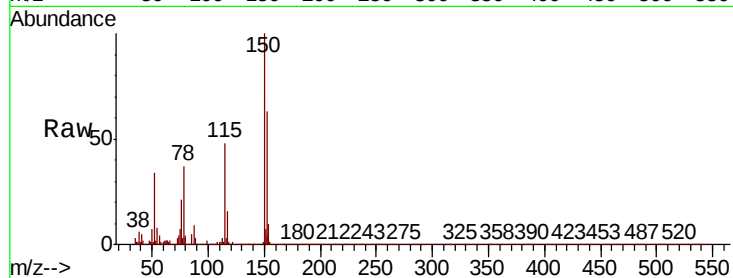
Tot Ion: 79 Resp: 10399

Ion Ratio Lower Upper

79 100

108 30.2 51.6 77.4#

77 96.9 53.5 80.3#



#19

n-Nitroso-di-n-propylamine

Concen: 21.187 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.21 min

Lab File: BP001311.D

Acq: 11 Dec 2019 14:56

Tgt Ion: 70 Resp: 74981

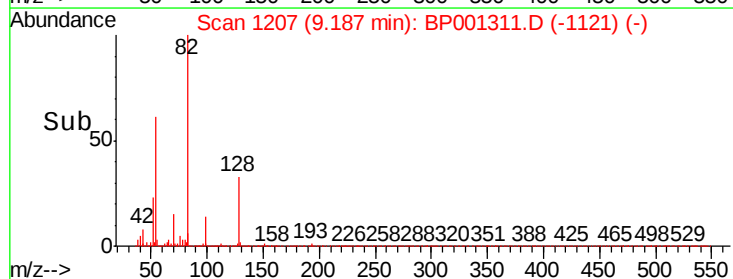
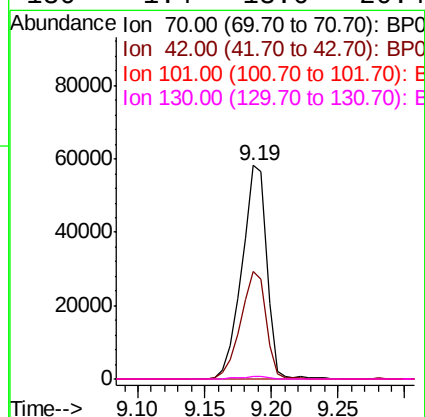
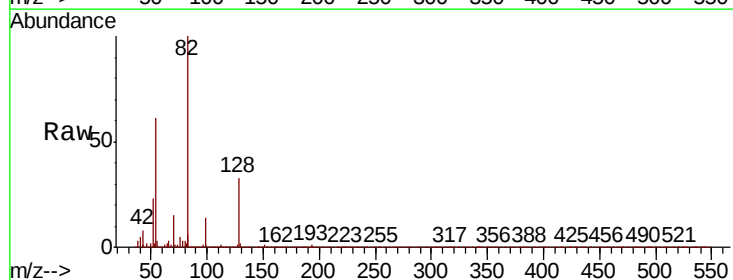
Ion Ratio Lower Upper

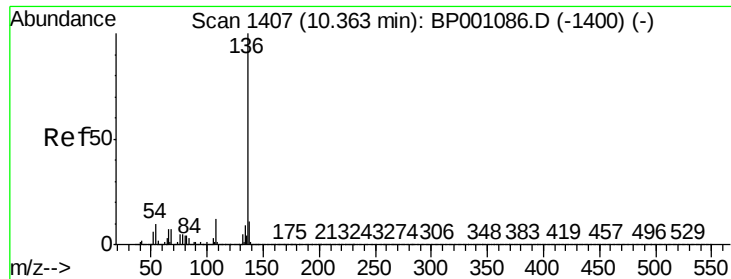
70 100

42 50.4 50.6 76.0#

101 0.0 7.1 10.7#

130 1.4 13.6 20.4#

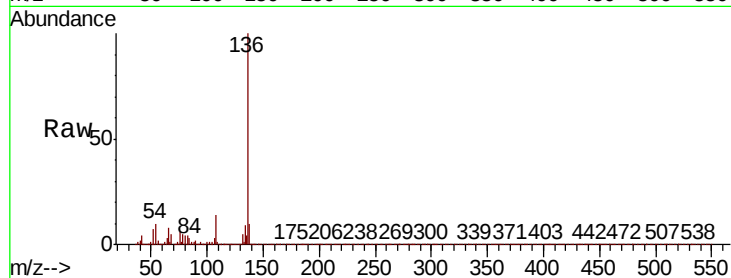




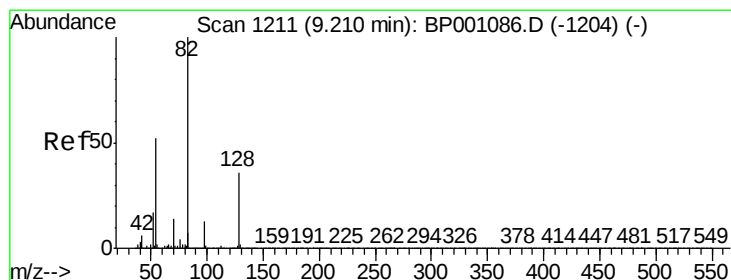
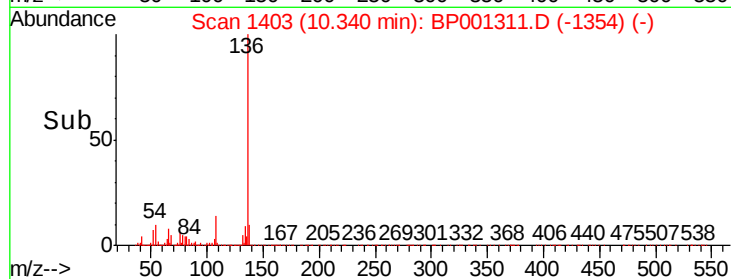
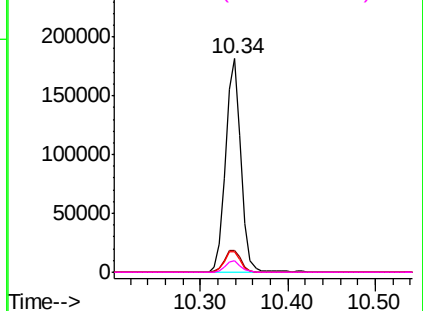
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001311.D
Acq: 11 Dec 2019 14:56

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2

Tot Ion:136	Resp:	220618
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.4 12.6
54	9.8	7.4 11.0
68	5.3	4.6 7.0

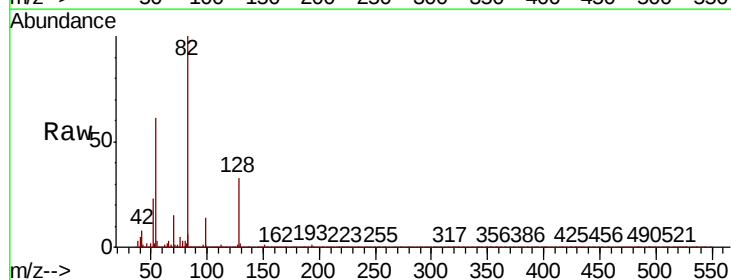


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

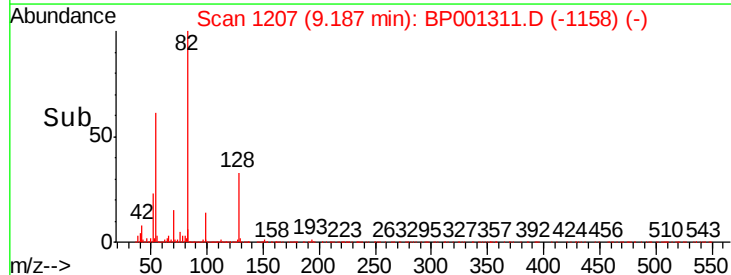
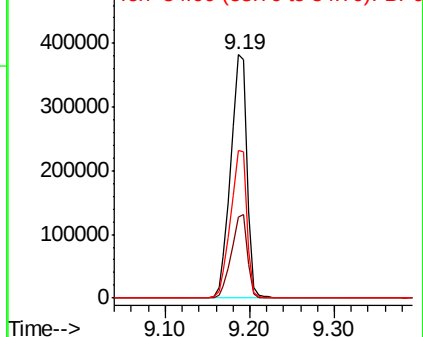


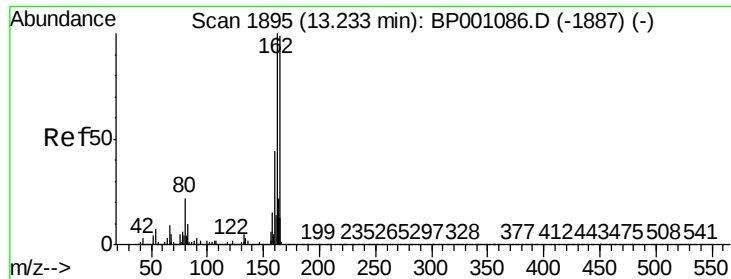
#23
Nitrobenzene-d5
Concen: 99.329 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001311.D
Acq: 11 Dec 2019 14:56

Tgt Ion: 82	Resp:	505092
Ion Ratio	Lower	Upper
82	100	
128	33.4	27.5 41.3
54	60.8	45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BP001311.D

Acq: 11 Dec 2019 14:56

Instrument :

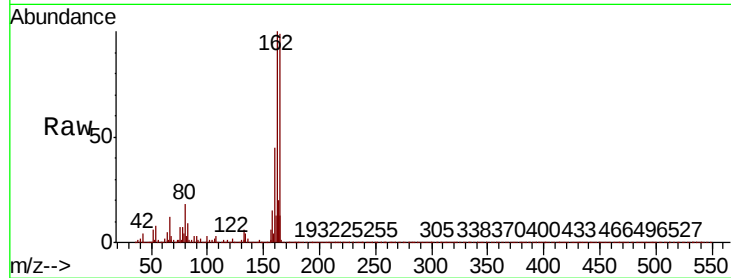
BNA_P

ClientSampleId :

K072-AA-WC-2

Tot Ion:164 Resp: 125149

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.7	121.1
160	45.9	36.3	54.5

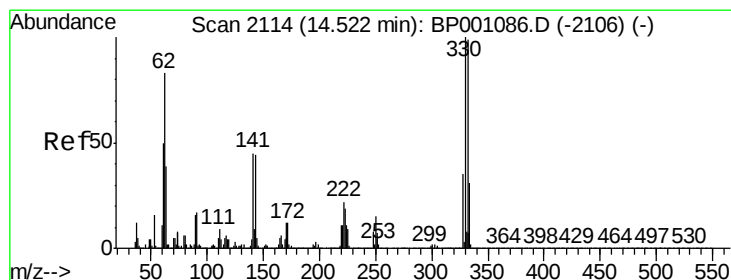
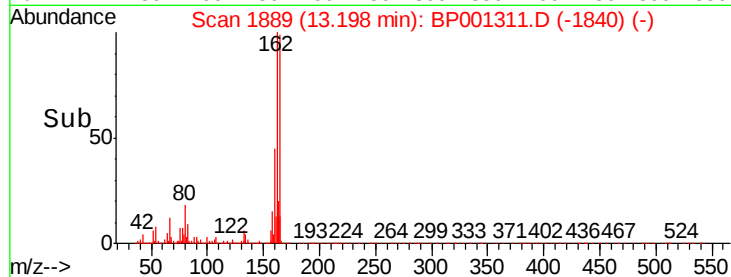
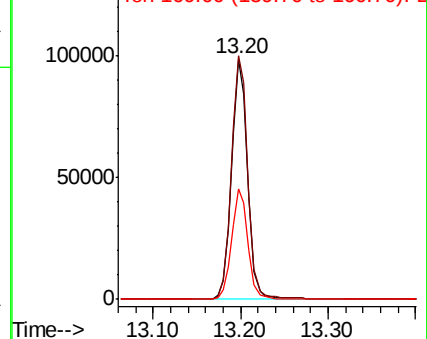


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 168.541 ng

RT: 14.50 min Scan# 2110

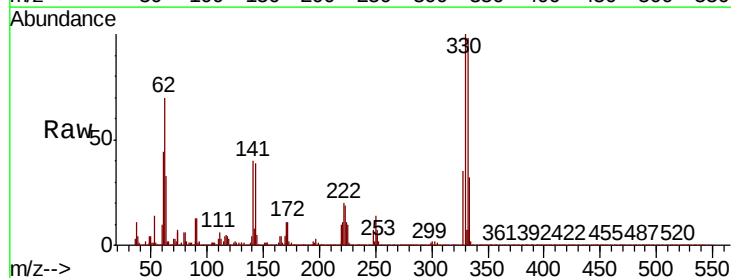
Delta R.T. -0.01 min

Lab File: BP001311.D

Acq: 11 Dec 2019 14:56

Tgt Ion:330 Resp: 202174

Ion	Ratio	Lower	Upper
330	100		
332	95.0	79.1	118.7
141	44.7	35.9	53.9

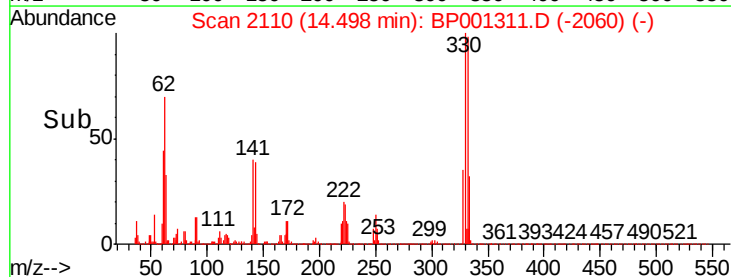
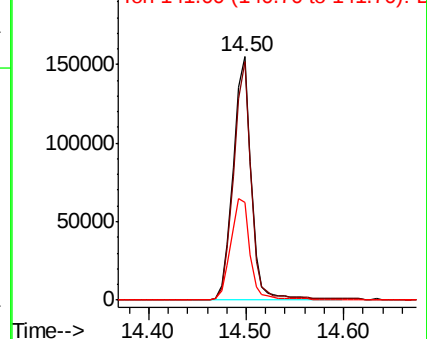


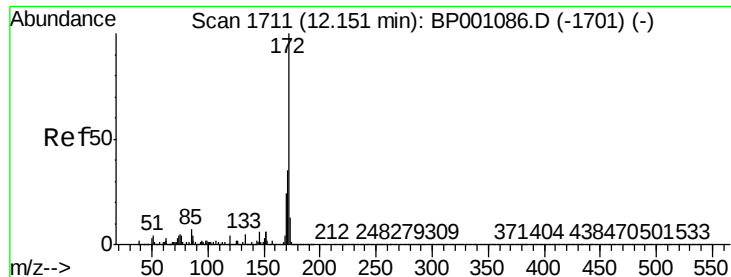
Abundance

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

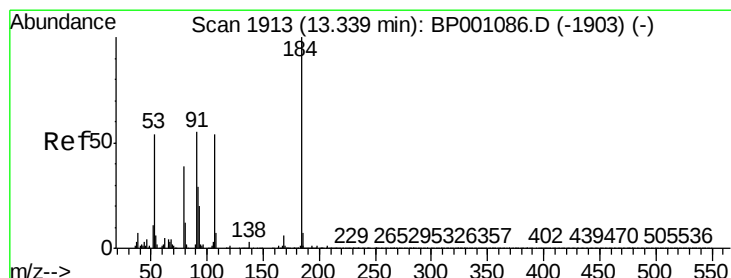
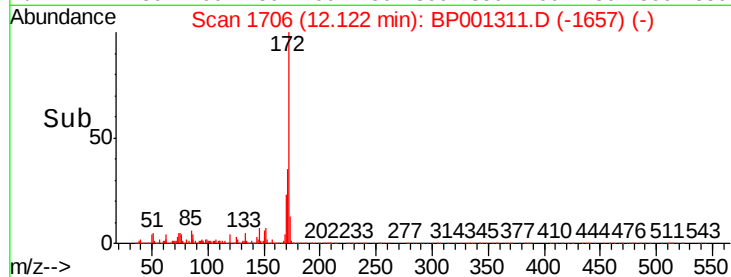
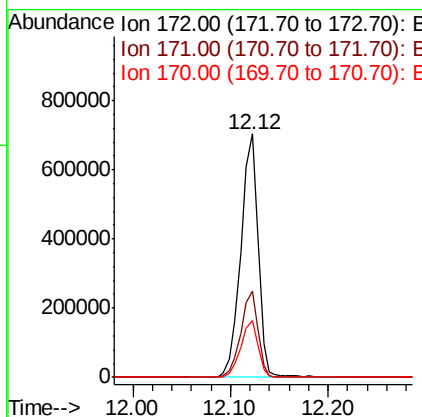
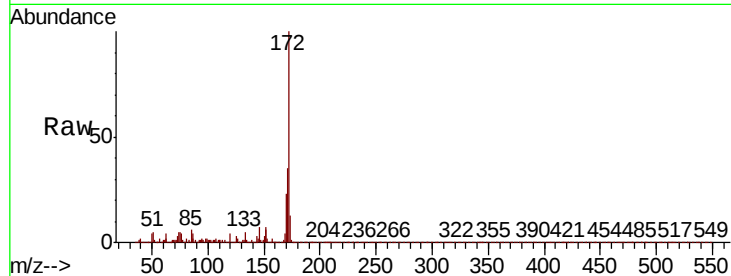




#45
2-Fluorobiphenyl
Concen: 102.175 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001311.D
Acq: 11 Dec 2019 14:56

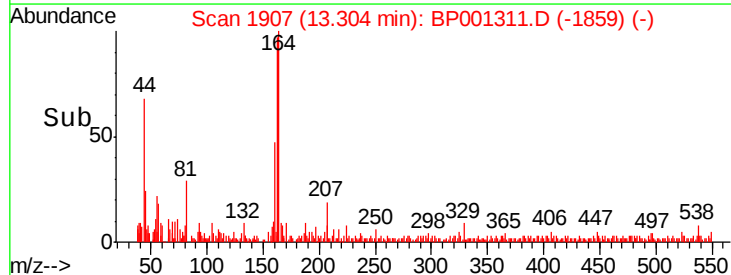
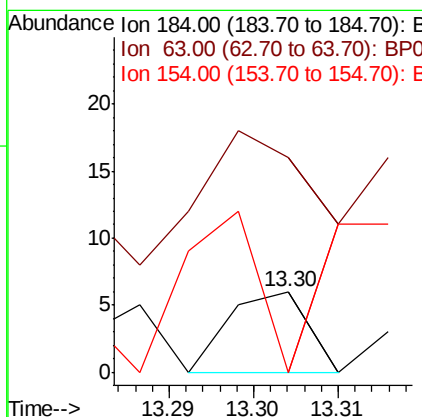
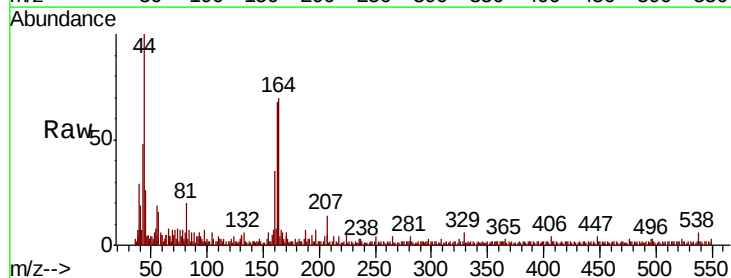
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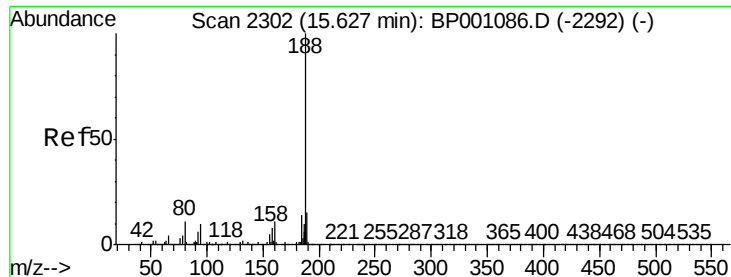
Tot Ion:172 Resp: 873687
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.5 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.114 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.02 min
Lab File: BP001311.D
Acq: 11 Dec 2019 14:56

Tgt Ion:184 Resp: 4
Ion Ratio Lower Upper
184 100
63 550.0 69.4 104.0#
154 0.0 57.4 86.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BP001311.D

Acq: 11 Dec 2019 14:56

Instrument :

BNA_P

ClientSampleId :

K072-AA-WC-2

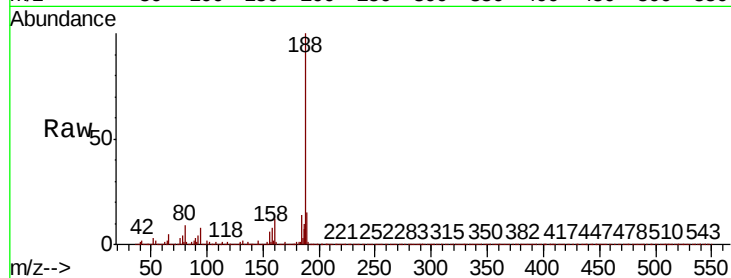
Tot Ion:188 Resp: 245138

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

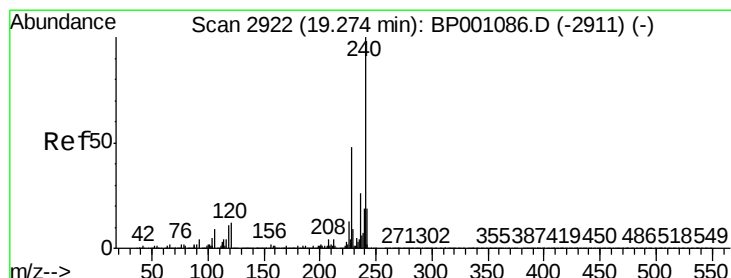
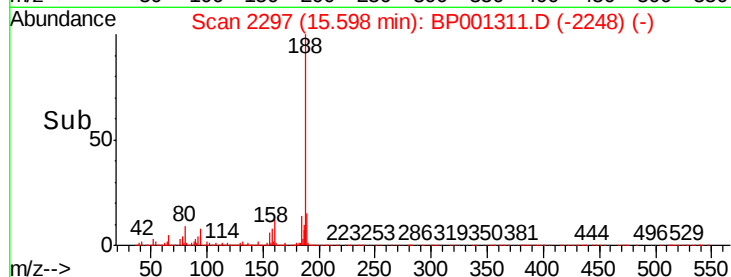
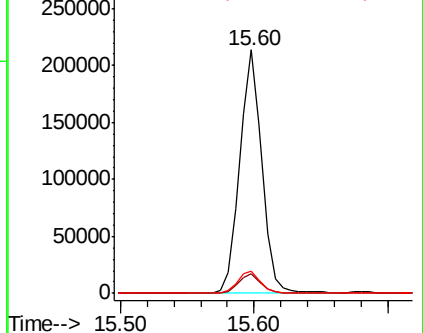
80 9.0 7.8 11.6



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: BP001311.D

Acq: 11 Dec 2019 14:56

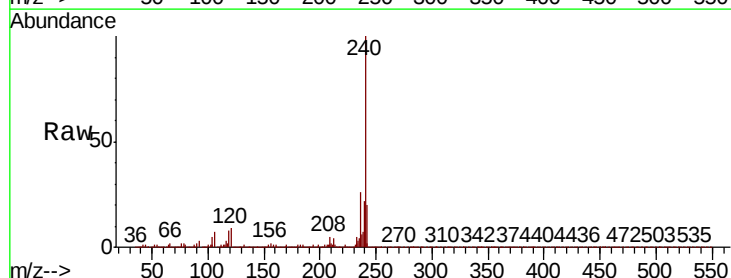
Tgt Ion:240 Resp: 185339

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

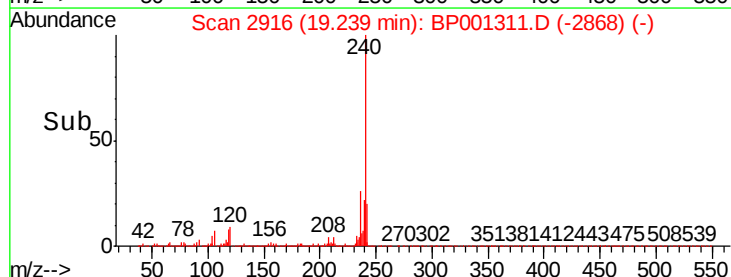
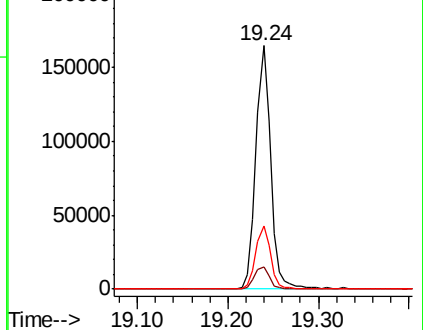
236 25.9 21.7 32.5

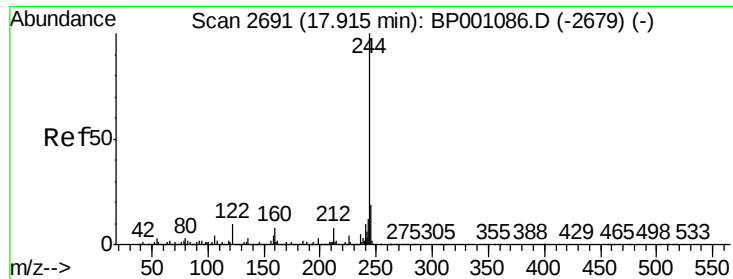


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



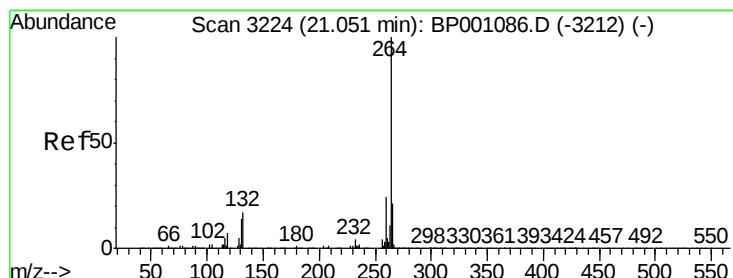
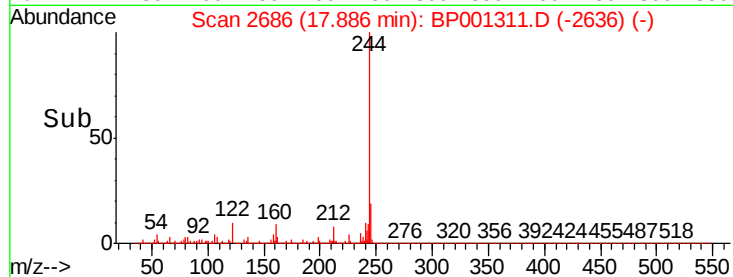
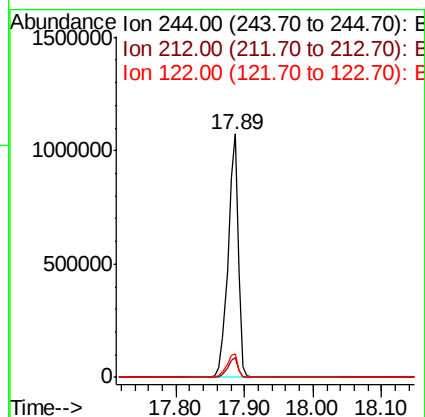
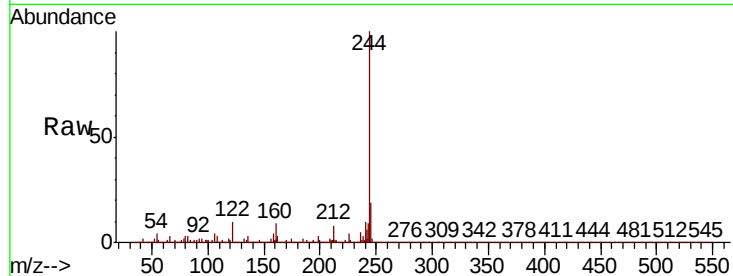


#79
 Terphenyl-d14
 Concen: 112.228 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. -0.01 min
 Lab File: BP001311.D
 Acq: 11 Dec 2019 14:56

Instrument :
 BNA_P
 ClientSampleId :
 K072-AA-WC-2

Tot Ion:244 Resp: 1124283

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	9.9	9.2	13.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.01 min Scan# 3217
 Delta R.T. -0.02 min
 Lab File: BP001311.D
 Acq: 11 Dec 2019 14:56

Tgt Ion:264 Resp: 172674

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.0
265	21.2	17.1	25.7

