

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001601.D
 Acq On : 14 Jan 2020 22:55
 Operator : JU
 Sample : L1106-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 14 23:43:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	25570	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	87363	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	59025	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	144050	20.00	ng	0.00
76) Chrysene-d12	21.15	240	142786	20.00	ng	-0.01
87) Perylene-d12	23.38	264	148422	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	184728	141.52	ng	0.00
7) Phenol-d6	6.83	99	212160	101.70	ng	0.00
23) Nitrobenzene-d5	8.79	82	210177	105.13	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	125931	140.16	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	427318	106.44	ng	0.00
79) Terphenyl-d14	19.63	244	876394	112.26	ng	0.00

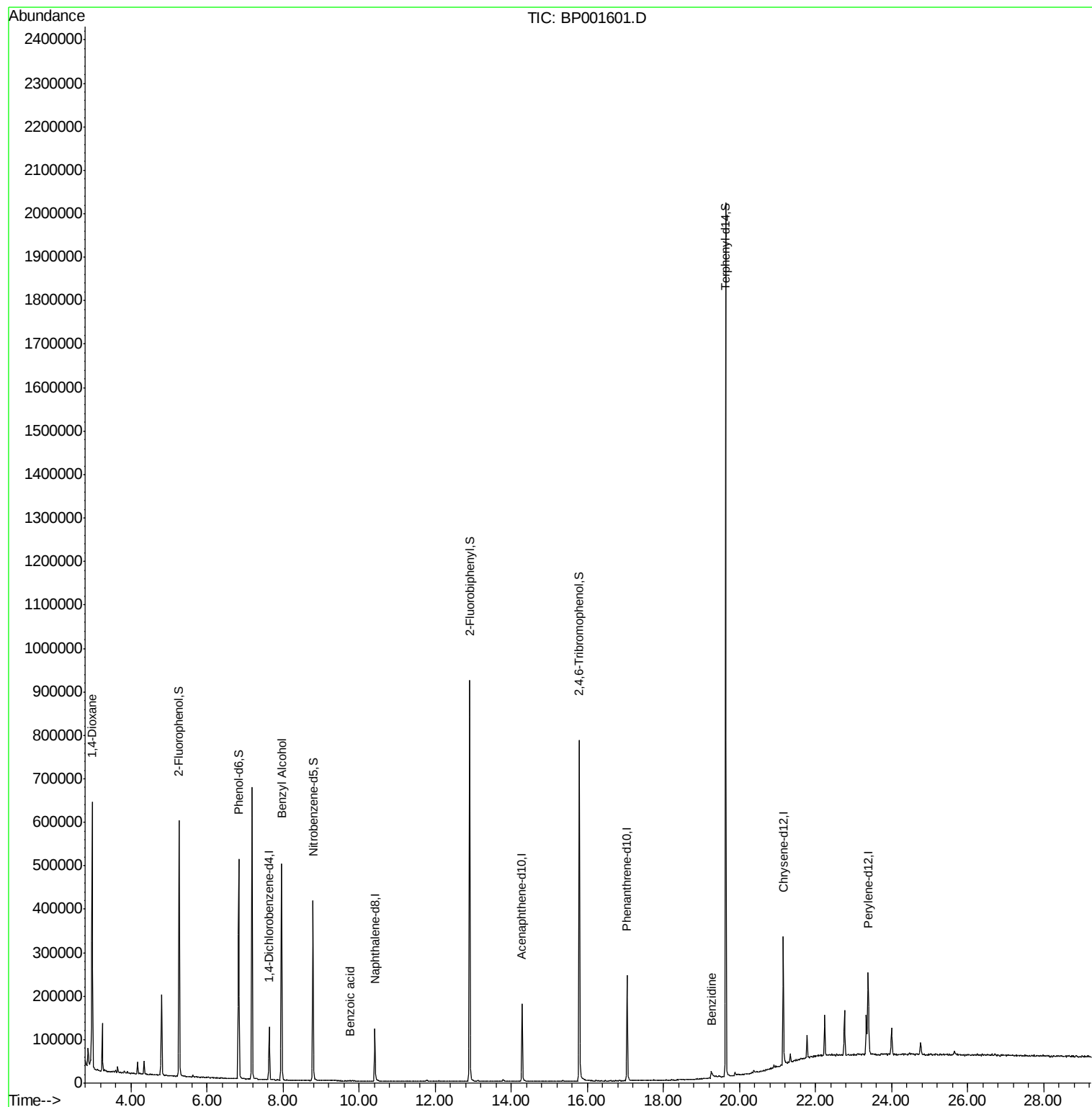
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.97	88	4123	9.897	ng	# 1
15) Benzyl Alcohol	7.95	79	4220	2.148	ng	# 48
32) Benzoic acid	9.75	122	12	4.714	ng	# 16
77) Benzidine	19.26	184	19322	5.926	ng	# 94

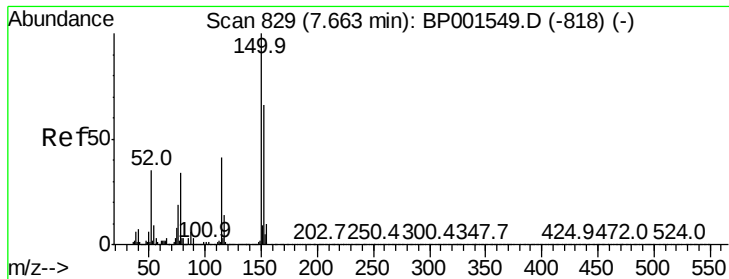
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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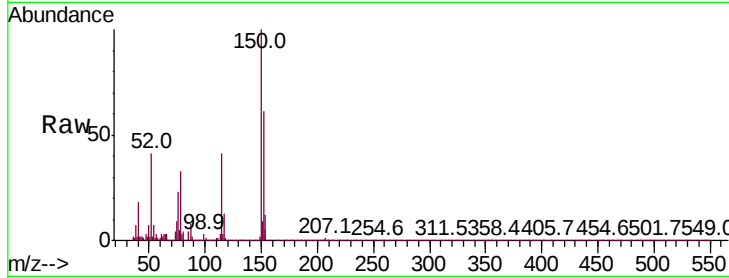


#1

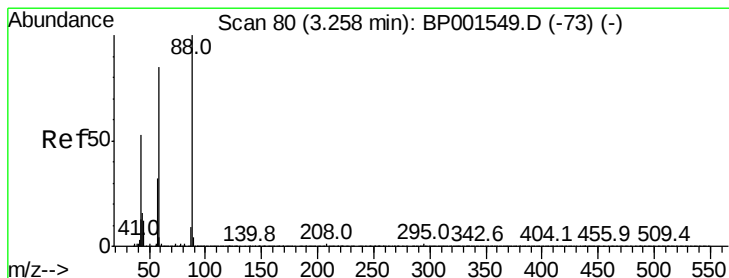
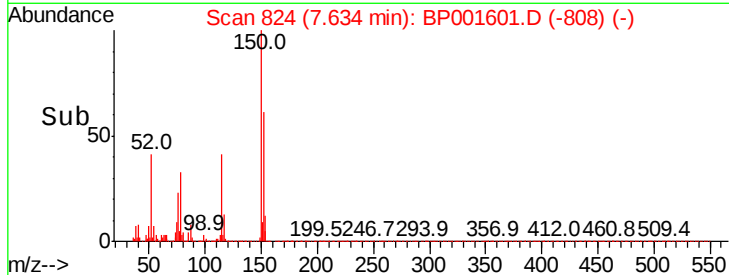
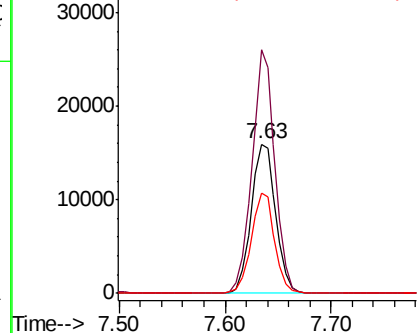
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001601.D
Acq: 14 Jan 2020 22:55

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 25570
Ion Ratio Lower Upper
152 100
150 163.4 122.0 183.0
115 66.9 50.7 76.1



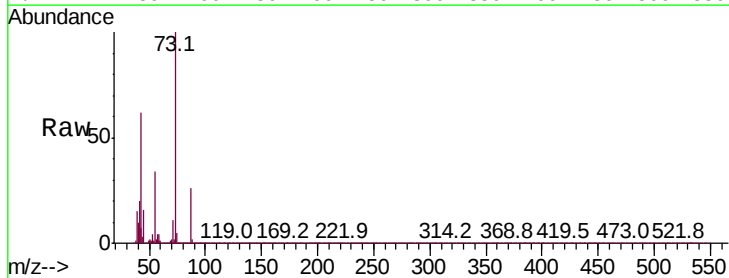
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



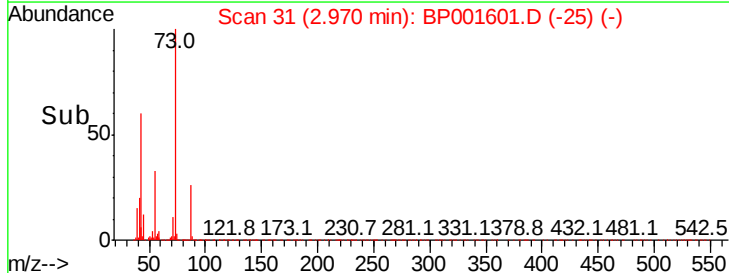
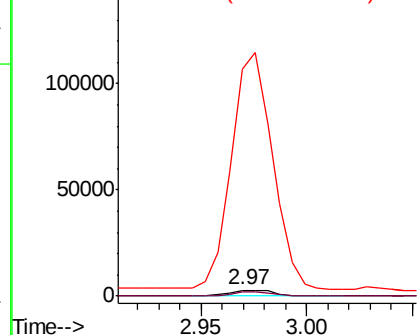
#2

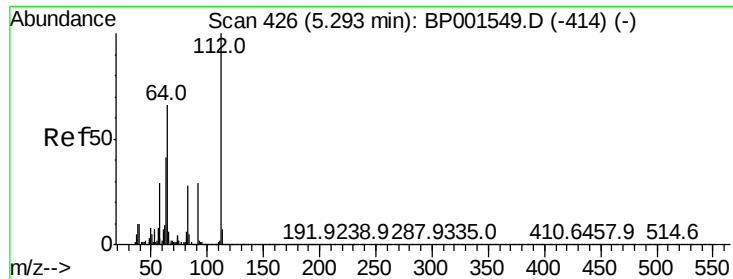
1,4-Dioxane
Concen: 9.897 ng
RT: 2.97 min Scan# 31
Delta R.T. -0.26 min
Lab File: BP001601.D
Acq: 14 Jan 2020 22:55

Tgt Ion: 88 Resp: 4123
Ion Ratio Lower Upper
88 100
58 64.2 69.5 104.3#
43 3647.6 40.3 60.5#



Abundance Ion 88.00 (87.70 to 88.70): BP0
Ion 58.00 (57.70 to 58.70): BP0
Ion 43.00 (42.70 to 43.70): BP0





#5

2-Fluorophenol

Concen: 141.519 ng

RT: 5.26 min Scan# 421

Delta R.T. 0.00 min

Lab File: BP001601.D

Acq: 14 Jan 2020 22:55

Instrument :

BNA_P

ClientSampleId :

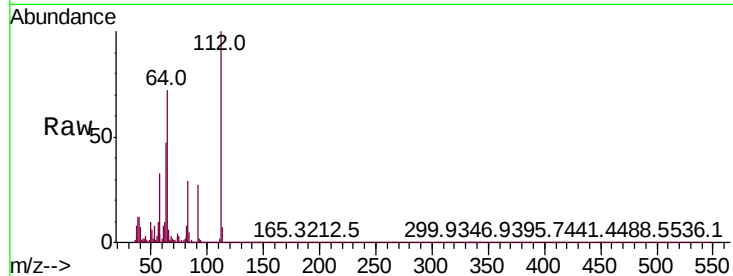
Tot Ion:112 Resp: 184728

Ion Ratio Lower Upper

112 100

64 71.8 52.8 79.2

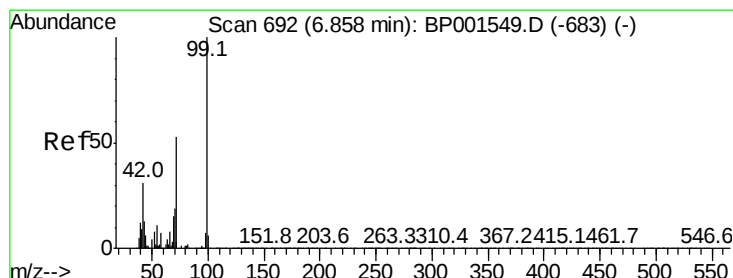
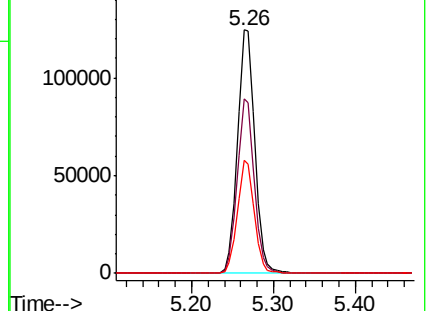
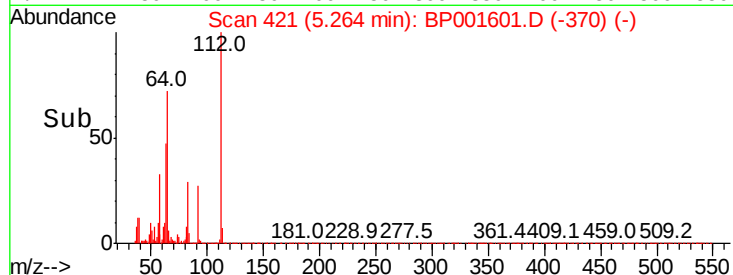
63 46.7 33.1 49.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 101.699 ng

RT: 6.83 min Scan# 688

Delta R.T. 0.00 min

Lab File: BP001601.D

Acq: 14 Jan 2020 22:55

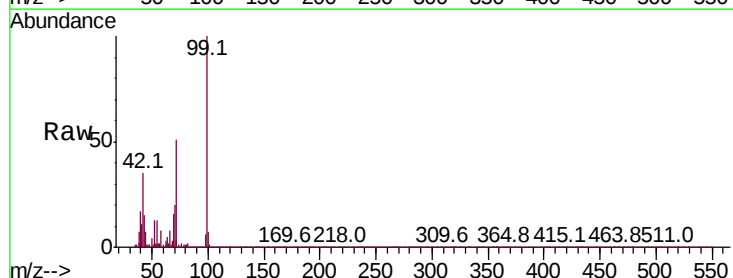
Tgt Ion: 99 Resp: 212160

Ion Ratio Lower Upper

99 100

42 35.3 24.5 36.7

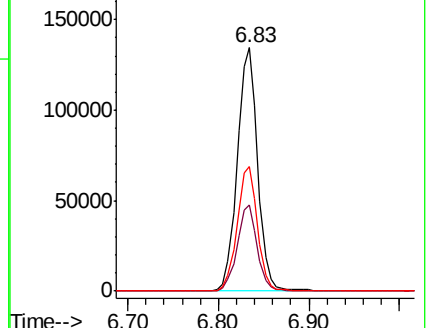
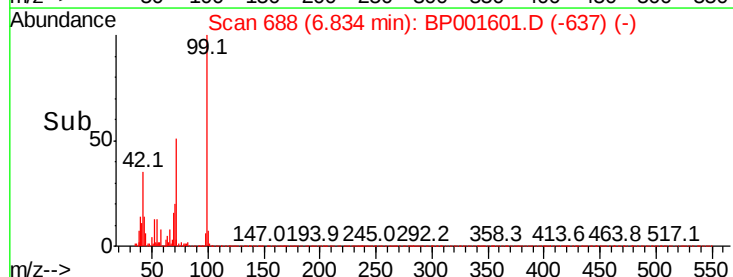
71 51.0 42.4 63.6

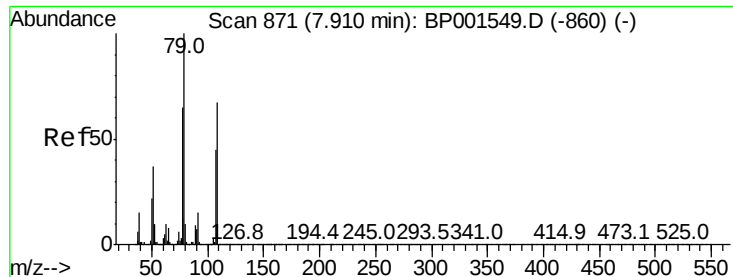


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0





#15

Benzyl Alcohol

Concen: 2.148 ng

RT: 7.95 min Scan# 878

Delta R.T. 0.07 min

Lab File: BP001601.D

Acq: 14 Jan 2020 22:55

Instrument :

BNA_P

ClientSampleId :

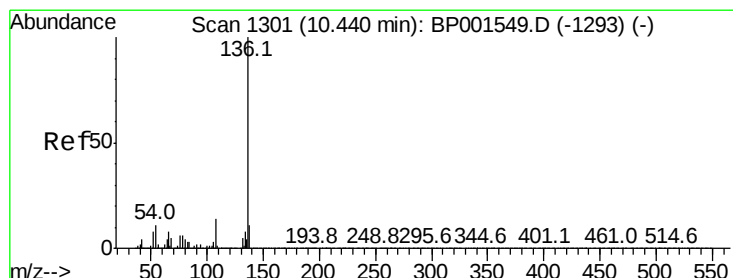
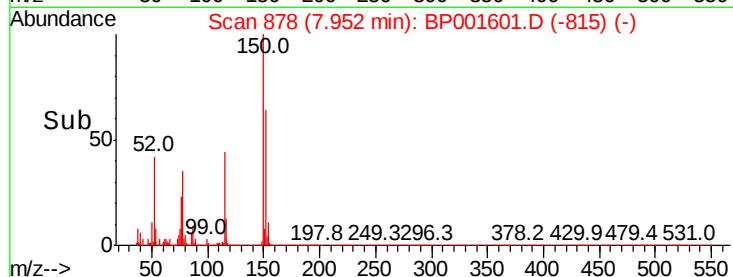
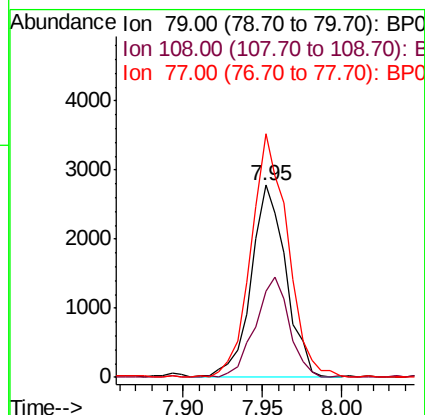
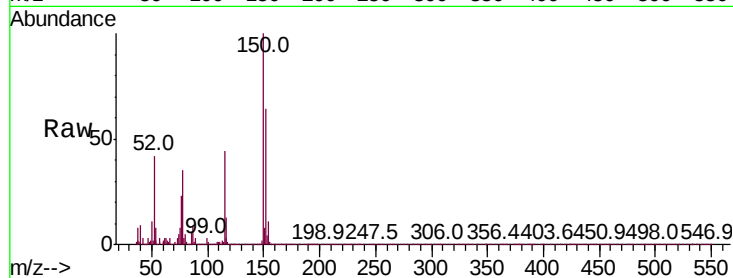
Tot Ion: 79 Resp: 4220

Ion Ratio Lower Upper

79 100

108 44.8 53.2 79.8#

77 126.8 52.1 78.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.41 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BP001601.D

Acq: 14 Jan 2020 22:55

Tgt Ion: 136 Resp: 87363

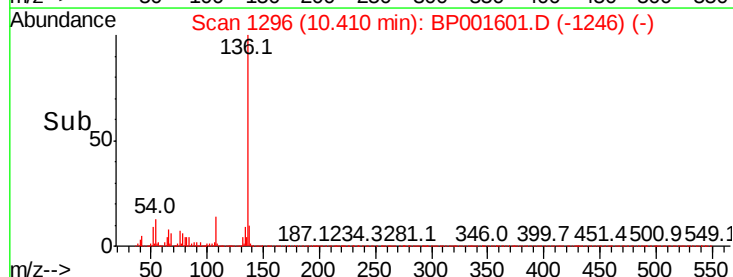
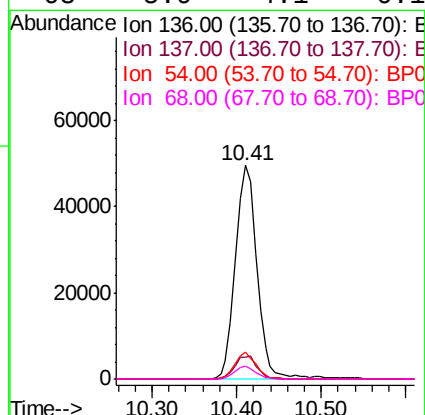
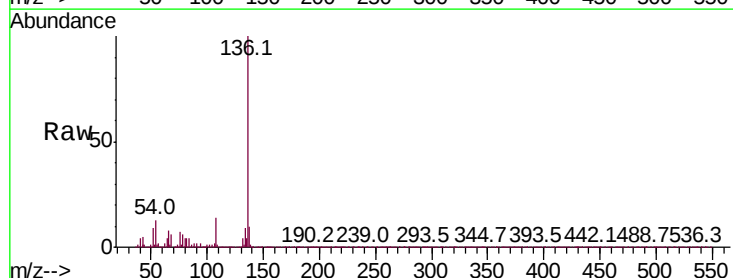
Ion Ratio Lower Upper

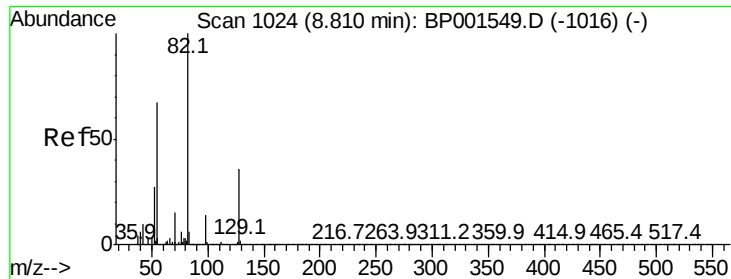
136 100

137 10.4 8.6 12.8

54 12.7 9.2 13.8

68 5.9 4.1 6.1

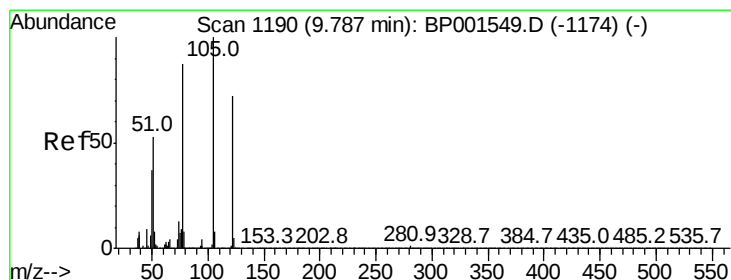
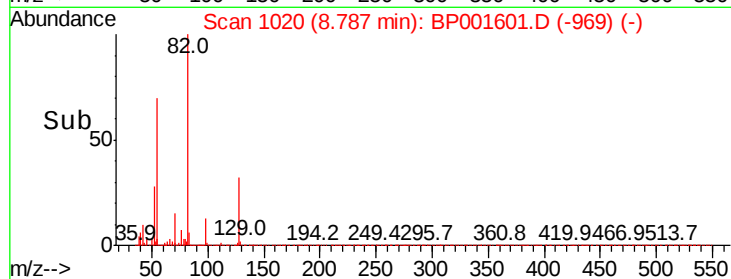
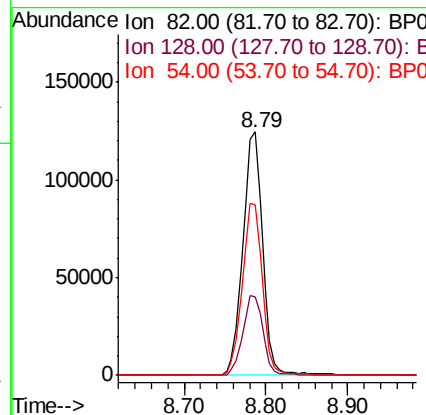
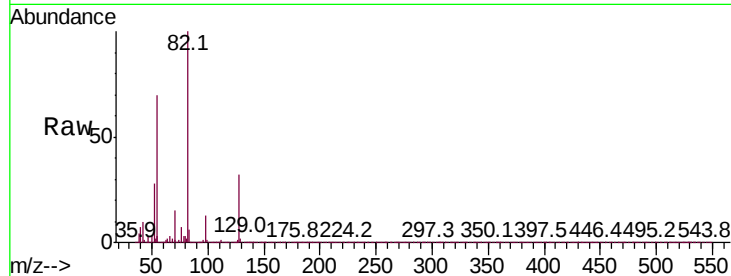




#23
Nitrobenzene-d5
Concen: 105.127 ng
RT: 8.79 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BP001601.D
Acq: 14 Jan 2020 22:55

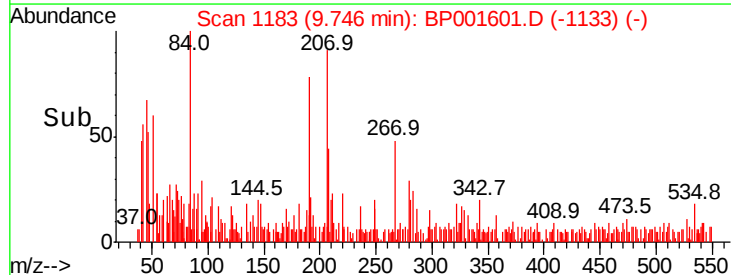
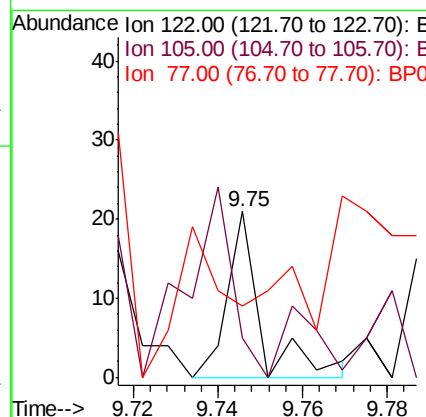
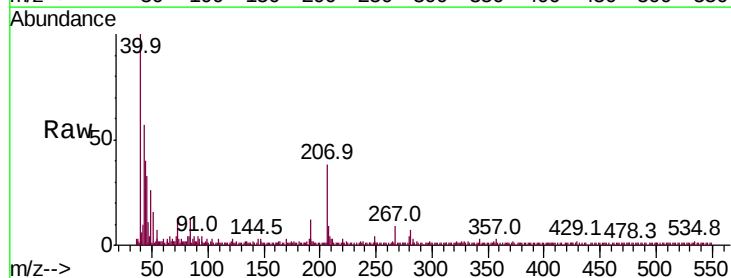
Instrument :
BNA_P
ClientSampleId :

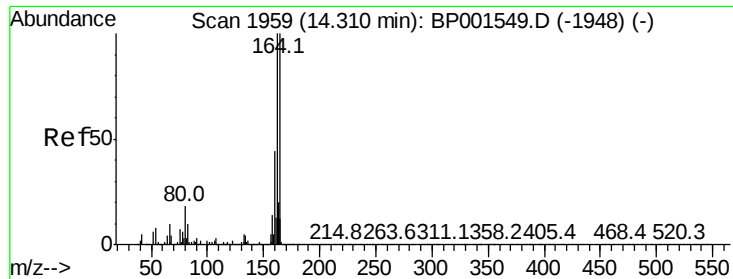
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.1	28.4	42.6
54	70.1	53.4	80.2



#32
Benzoic acid
Concen: 4.714 ng
RT: 9.75 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BP001601.D
Acq: 14 Jan 2020 22:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	23.8	119.5	159.5#
77	42.9	102.8	142.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BP001601.D

Acq: 14 Jan 2020 22:55

Instrument :

BNA_P

ClientSampled :

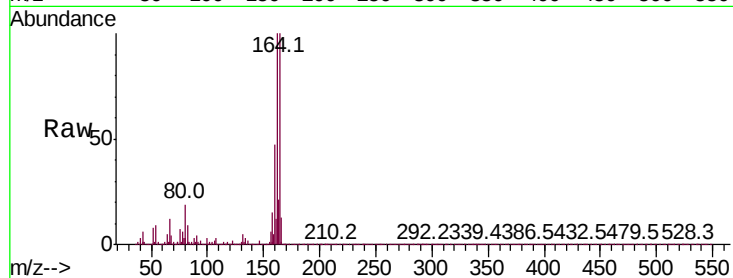
Tot Ion:164 Resp: 59025

Ion Ratio Lower Upper

164 100

162 99.9 79.8 119.6

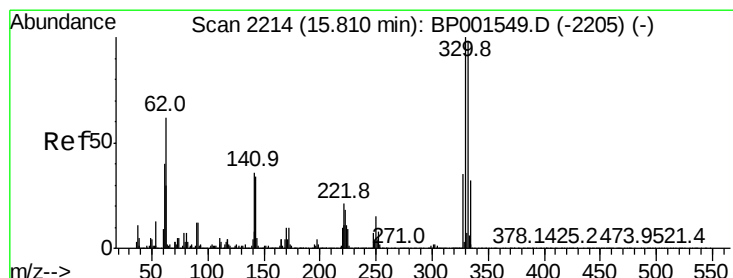
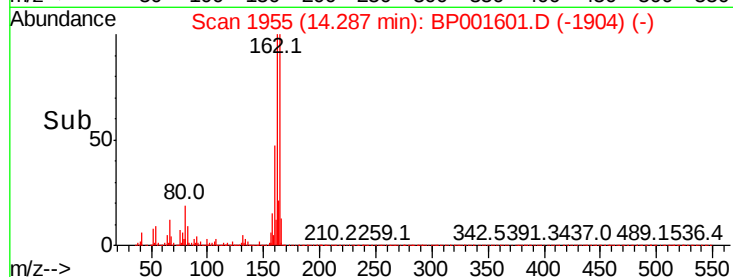
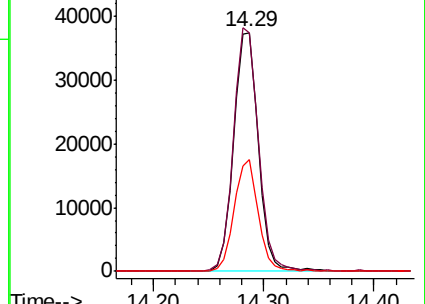
160 46.9 35.0 52.6



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: 140.160 ng

RT: 15.79 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BP001601.D

Acq: 14 Jan 2020 22:55

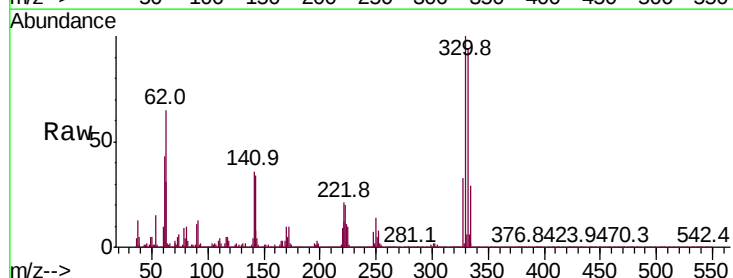
Tgt Ion:330 Resp: 125931

Ion Ratio Lower Upper

330 100

332 95.7 77.8 116.6

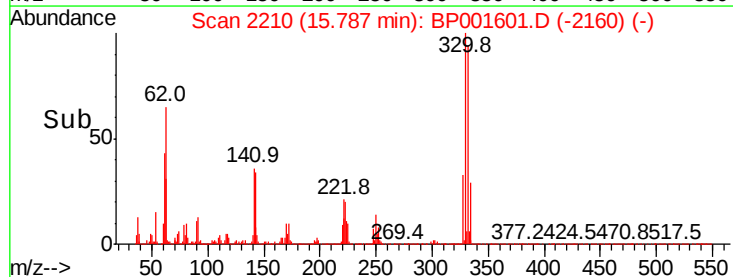
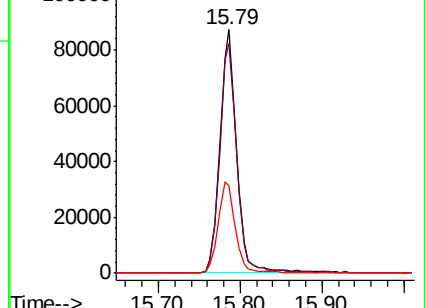
141 38.5 28.7 43.1

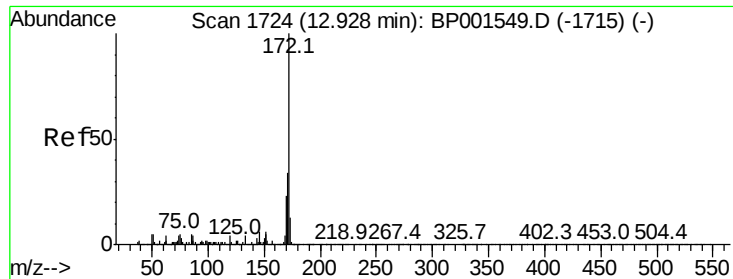


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

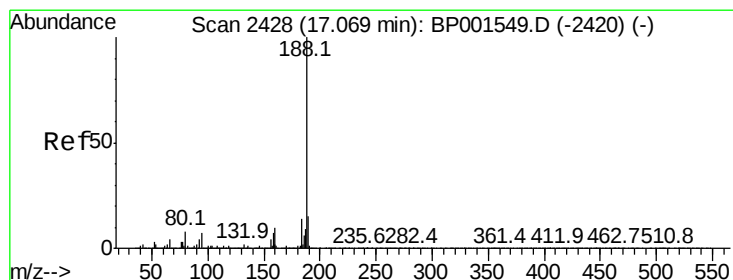
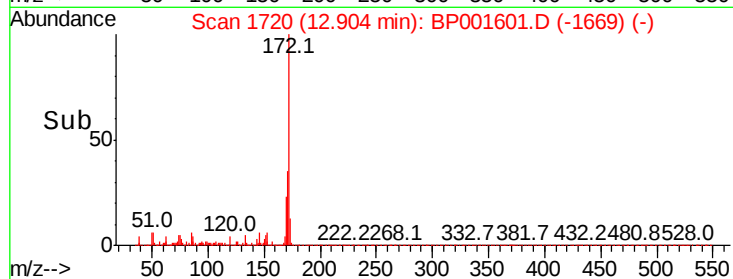
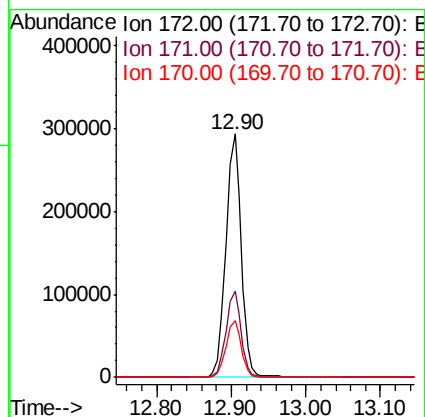
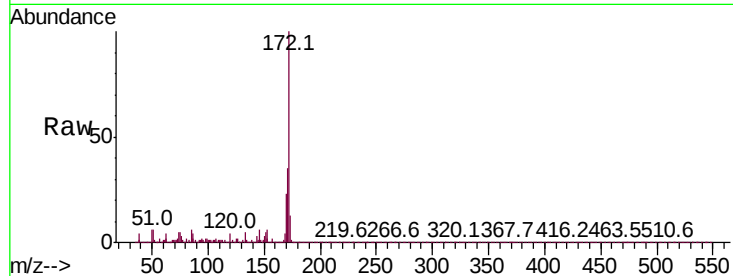




#45
2-Fluorobiphenyl
Concen: 106.442 ng
RT: 12.90 min Scan# 1720
Delta R.T. 0.00 min
Lab File: BP001601.D
Acq: 14 Jan 2020 22:55

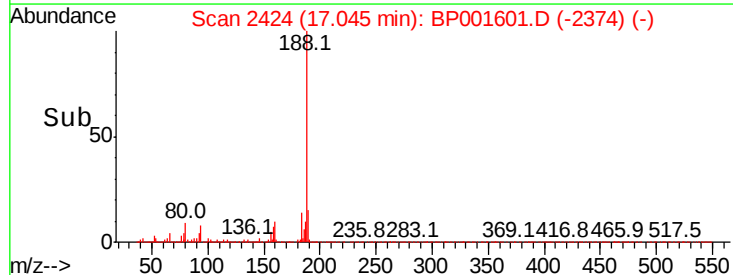
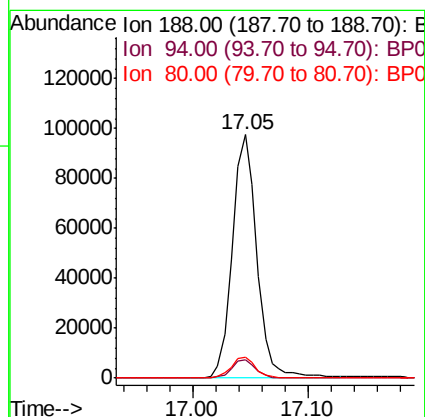
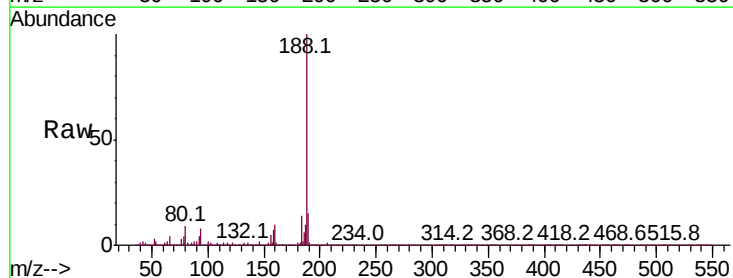
Instrument :
BNA_P
ClientSampleId :

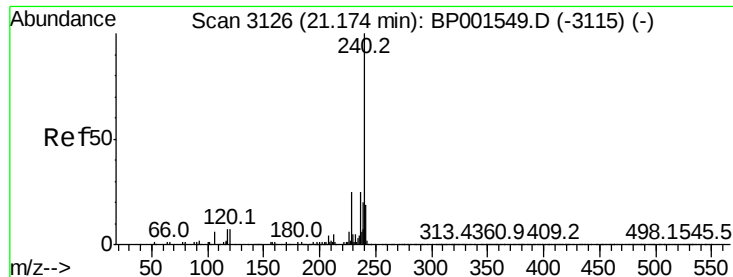
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.6	41.4
170	23.4	18.3	27.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BP001601.D
Acq: 14 Jan 2020 22:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.9	8.9
80	8.6	6.8	10.2

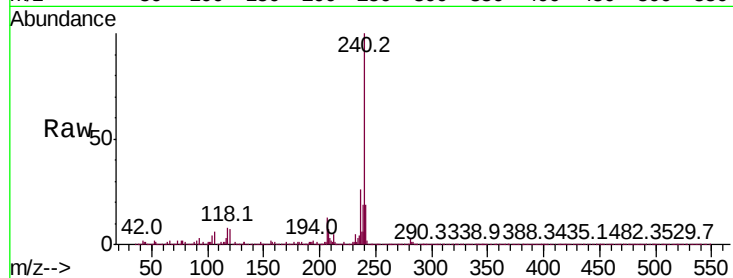




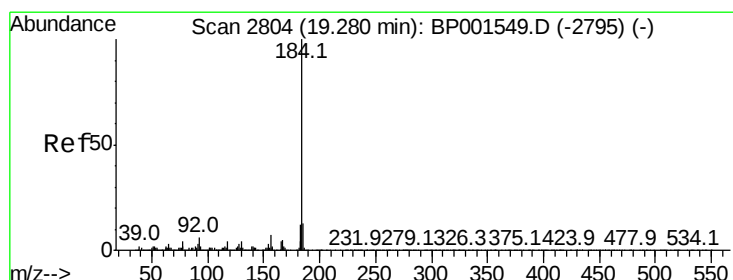
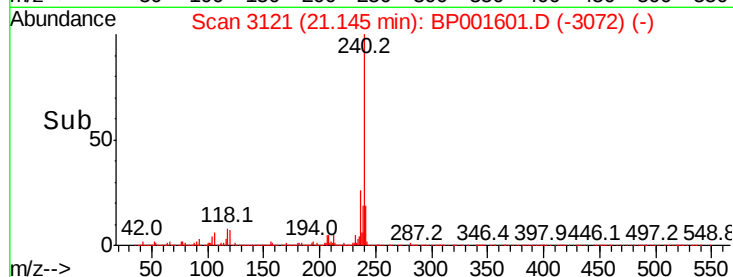
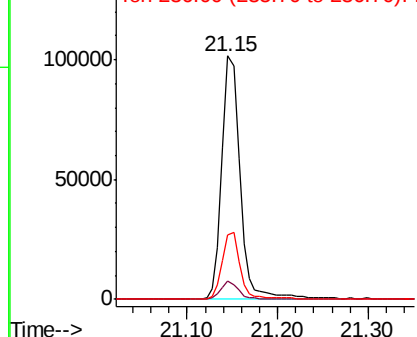
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.15 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BP001601.D
 Acq: 14 Jan 2020 22:55

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:240 Resp: 142786
 Ion Ratio Lower Upper
 240 100
 120 7.5 5.7 8.5
 236 26.3 20.4 30.6

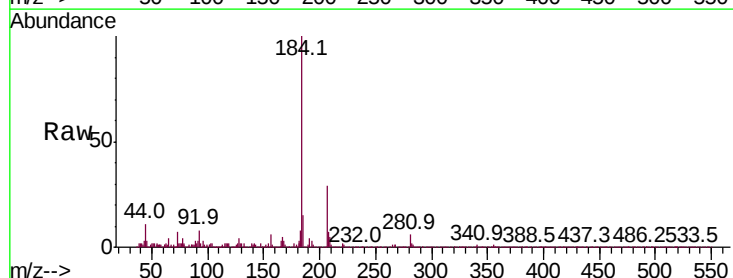


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

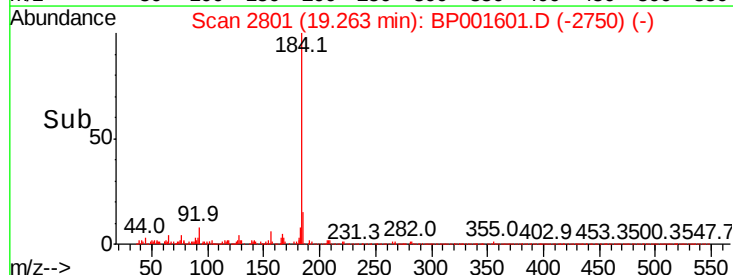
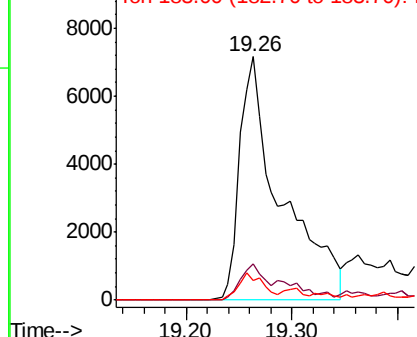


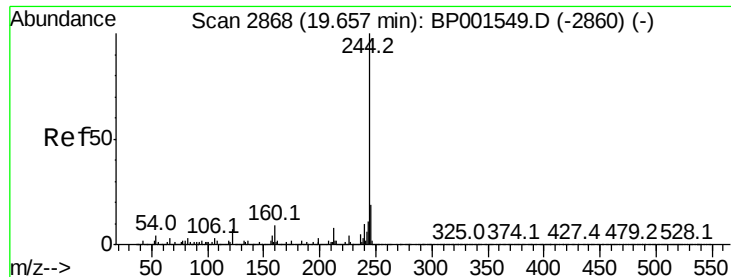
#77
 Benzidine
 Concen: 5.926 ng
 RT: 19.26 min Scan# 2801
 Delta R.T. 0.00 min
 Lab File: BP001601.D
 Acq: 14 Jan 2020 22:55

Tgt Ion:184 Resp: 19322
 Ion Ratio Lower Upper
 184 100
 185 14.8 10.6 16.0
 183 8.2 9.4 14.0#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 112.263 ng

RT: 19.63 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BP001601.D

Acq: 14 Jan 2020 22:55

Instrument :

BNA_P

ClientSampled :

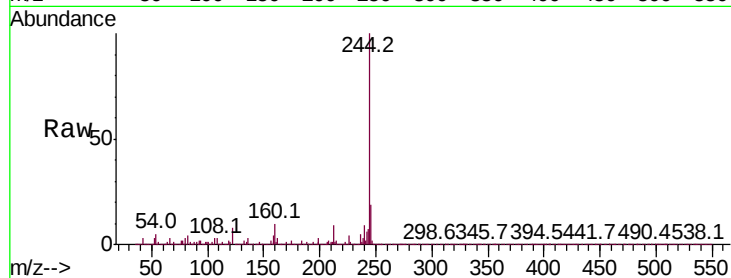
Tot Ion:244 Resp: 876394

Ion Ratio Lower Upper

244 100

212 8.6 6.3 9.5

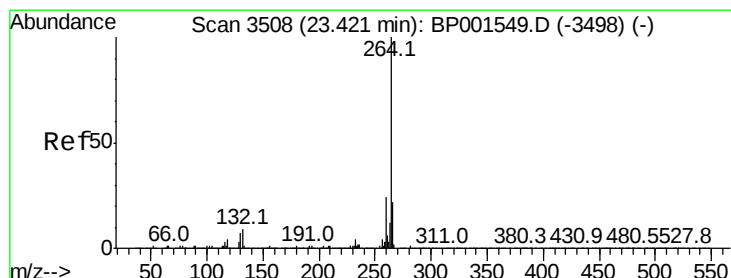
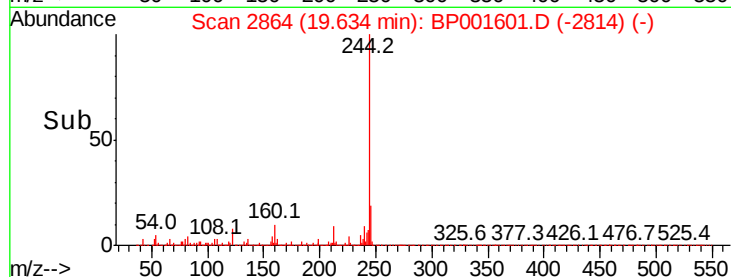
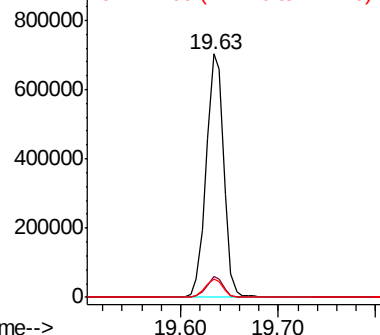
122 7.6 5.8 8.6



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: 23.38 min Scan# 3501

Delta R.T. -0.01 min

Lab File: BP001601.D

Acq: 14 Jan 2020 22:55

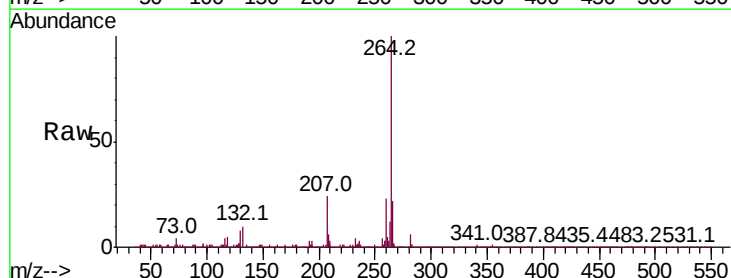
Tgt Ion:264 Resp: 148422

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.8 18.2 27.4



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

