

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001599.D
 Acq On : 14 Jan 2020 21:47
 Operator : JU
 Sample : L1004-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 14 23:21:27 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

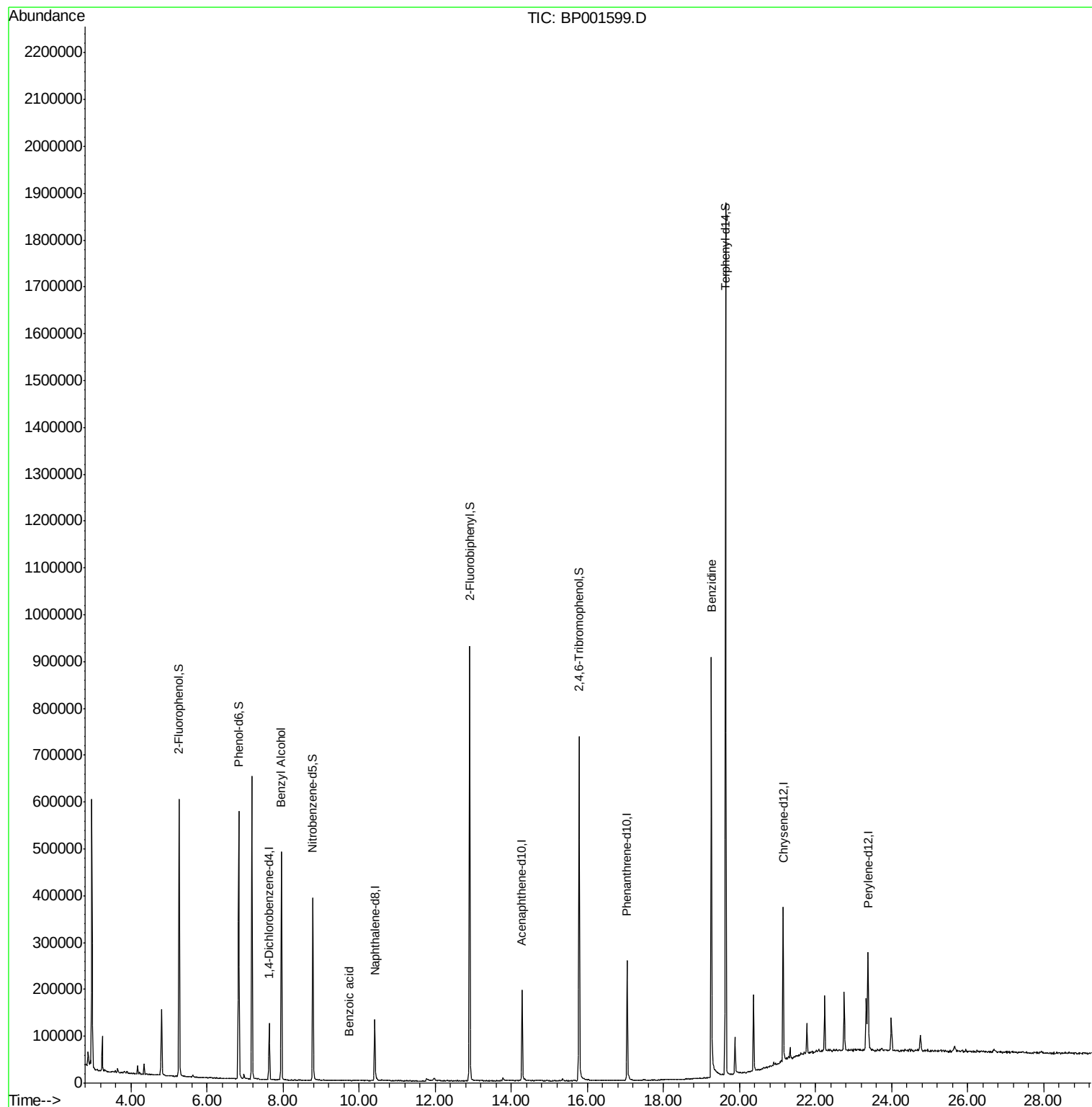
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	25526	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	89532	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	62428	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	148115	20.00	ng	0.00
76) Chrysene-d12	21.15	240	156714	20.00	ng	0.00
87) Perylene-d12	23.38	264	159229	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	187742	144.08	ng	0.00
7) Phenol-d6	6.83	99	236236	113.43	ng	0.00
23) Nitrobenzene-d5	8.78	82	193981	94.68	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	115852	121.91	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	424978	100.09	ng	0.00
79) Terphenyl-d14	19.63	244	800523	93.43	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.96	79	4369	2.228	ng	# 54
32) Benzoic acid	9.75	122	8	4.710	ng	# 11
77) Benzidine	19.26	184	515211	143.981	ng	98

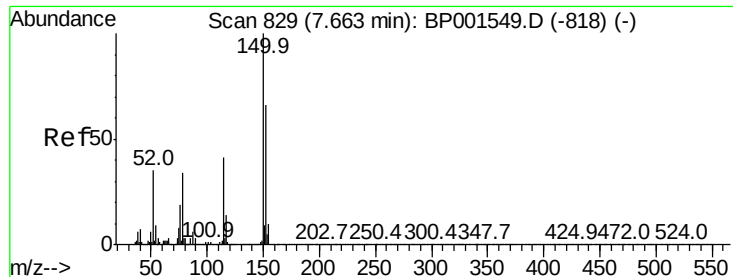
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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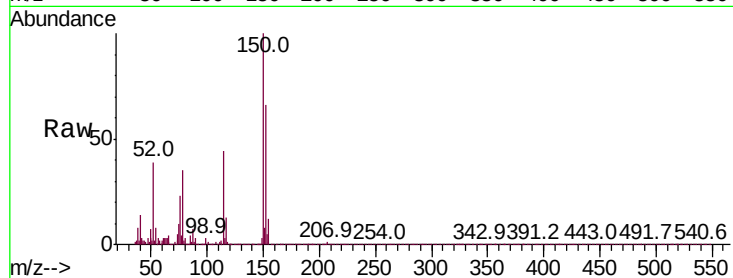


#1

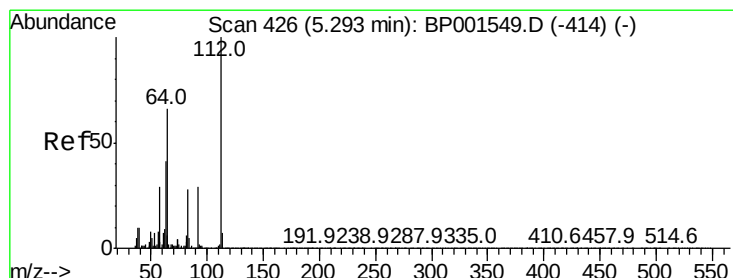
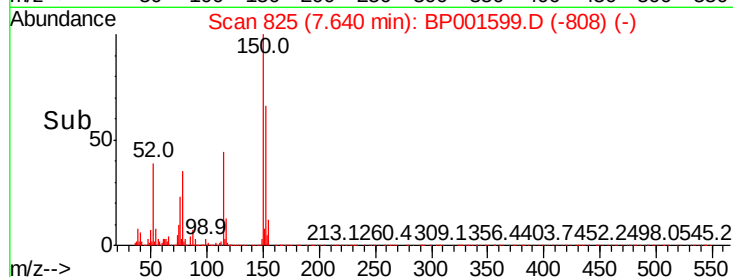
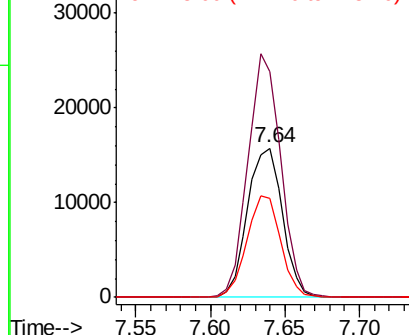
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 825
Delta R.T. -0.00 min
Lab File: BP001599.D
Acq: 14 Jan 2020 21:47

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 25526
Ion Ratio Lower Upper
152 100
150 151.2 122.0 183.0
115 66.2 50.7 76.1



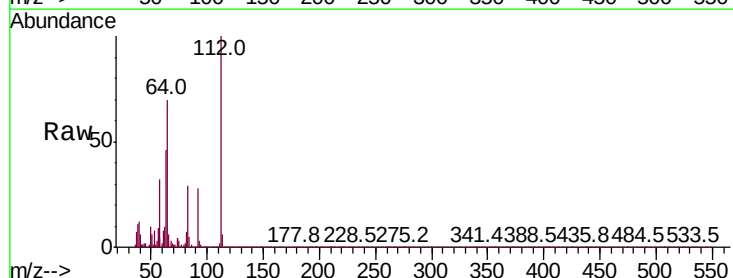
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



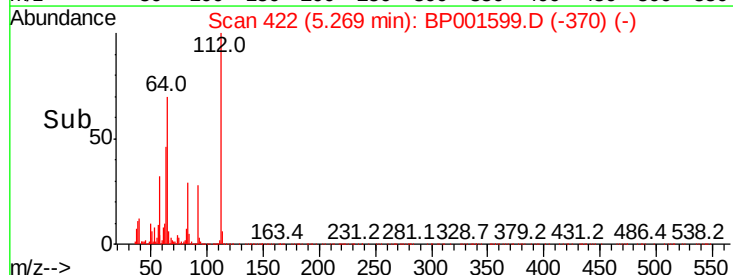
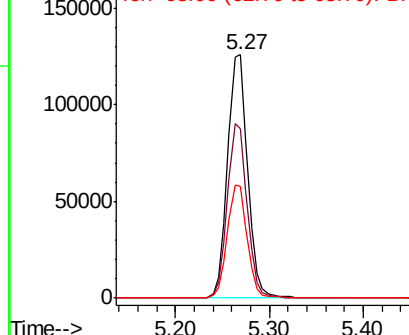
#5

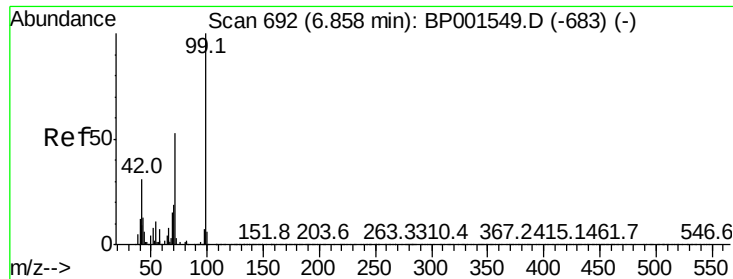
2-Fluorophenol
Concen: 144.076 ng
RT: 5.27 min Scan# 422
Delta R.T. 0.01 min
Lab File: BP001599.D
Acq: 14 Jan 2020 21:47

Tgt Ion:112 Resp: 187742
Ion Ratio Lower Upper
112 100
64 69.8 52.8 79.2
63 45.7 33.1 49.7



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: 113.435 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.00 min

Lab File: BP001599.D

Acq: 14 Jan 2020 21:47

Instrument :

BNA_P

ClientSampleId :

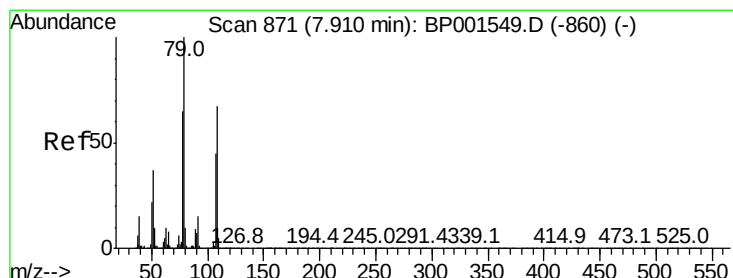
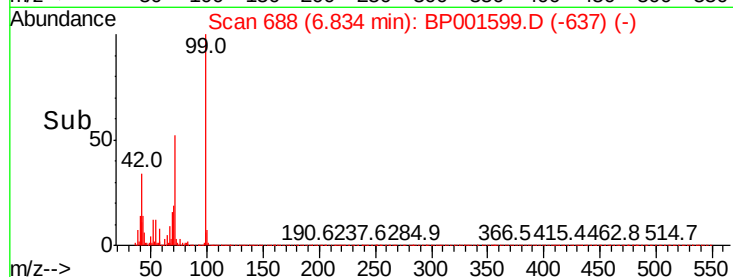
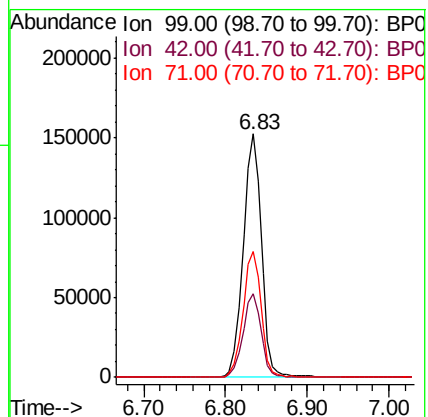
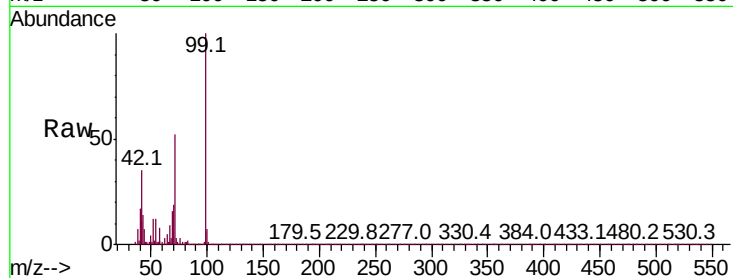
Tot Ion: 99 Resp: 236236

Ion Ratio Lower Upper

99 100

42 34.5 24.5 36.7

71 51.7 42.4 63.6



#15

Benzyl Alcohol

Concen: 2.228 ng

RT: 7.96 min Scan# 879

Delta R.T. 0.08 min

Lab File: BP001599.D

Acq: 14 Jan 2020 21:47

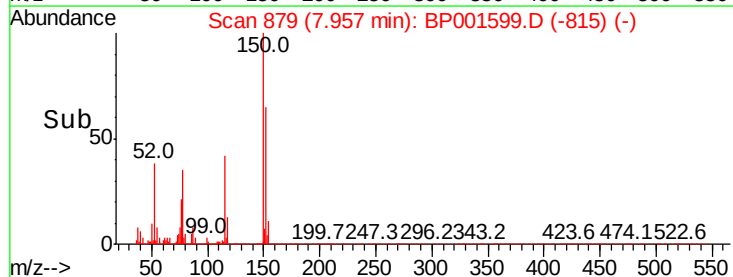
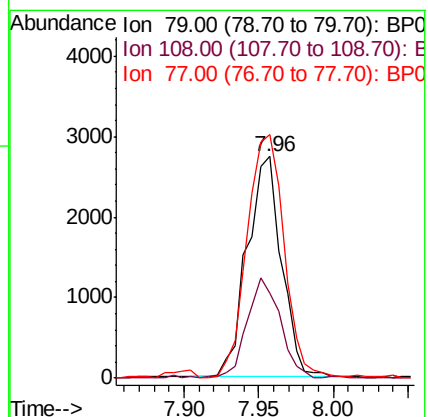
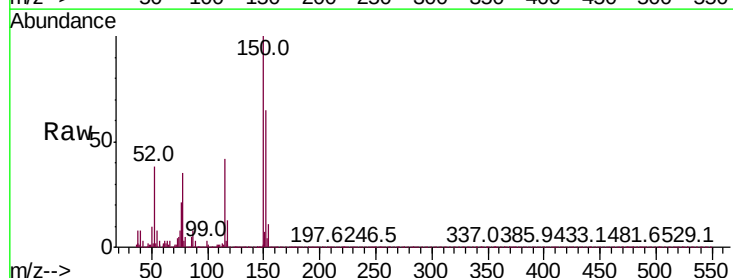
Tgt Ion: 79 Resp: 4369

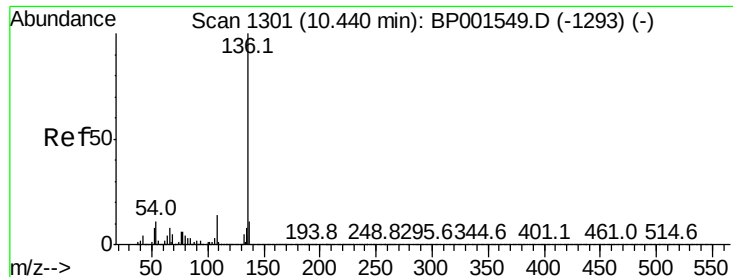
Ion Ratio Lower Upper

79 100

108 38.2 53.2 79.8#

77 110.0 52.1 78.1#

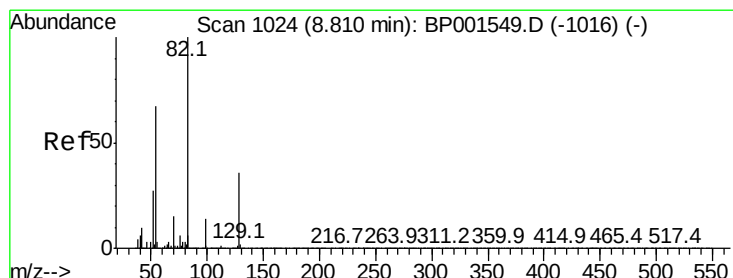
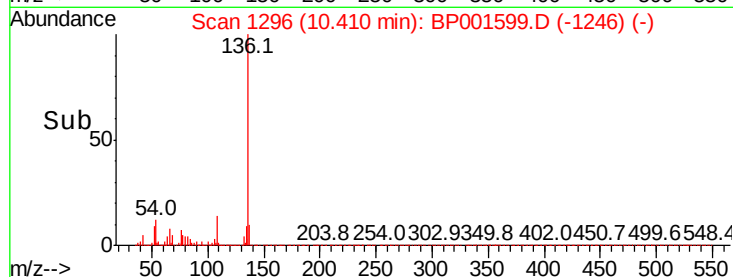
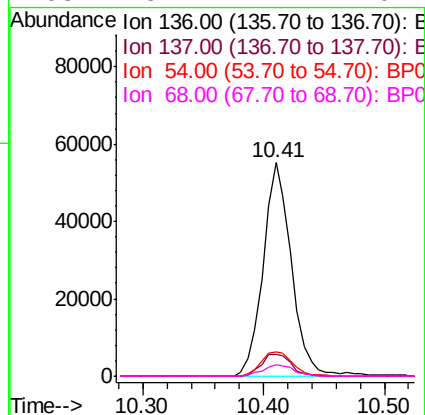
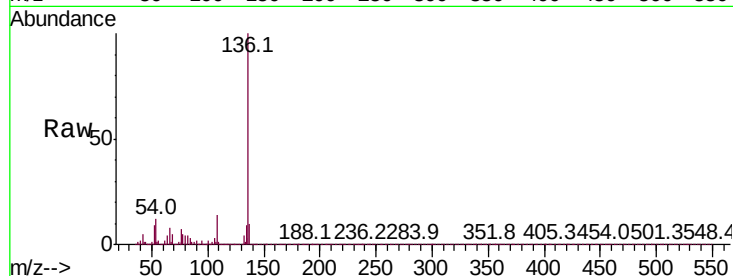




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP001599.D
Acq: 14 Jan 2020 21:47

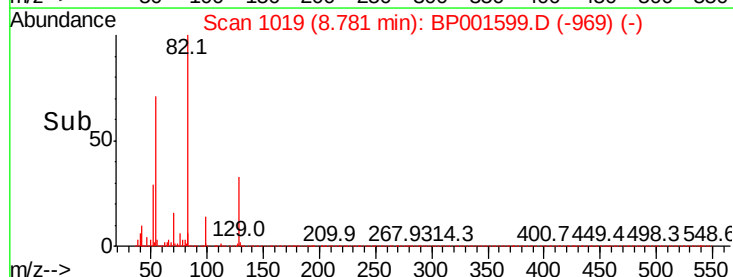
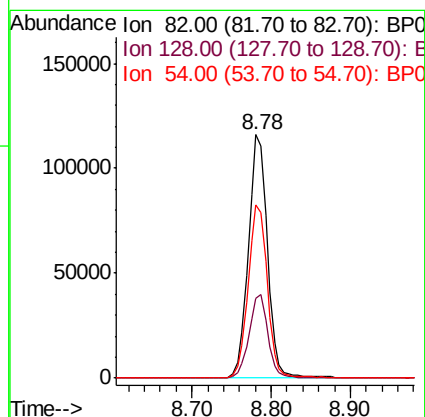
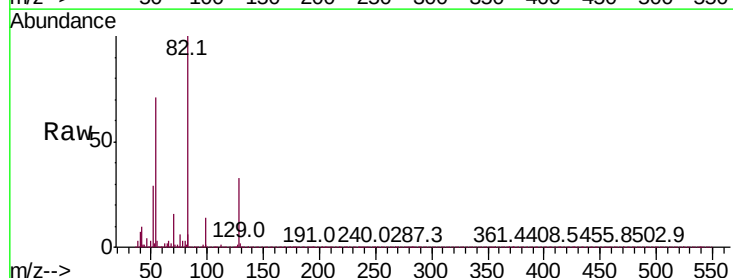
Instrument :
BNA_P
ClientSampleId :

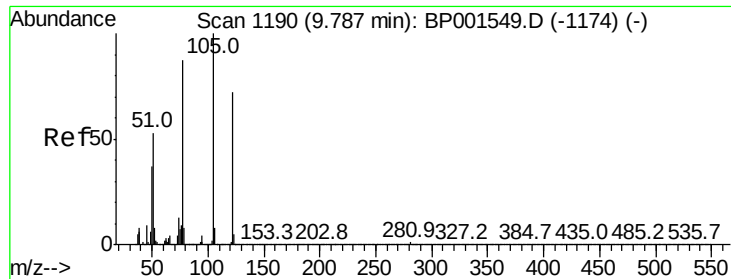
Tot Ion:136	Resp:	89532
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.6 12.8
54	11.7	9.2 13.8
68	5.2	4.1 6.1



#23
Nitrobenzene-d5
Concen: 94.676 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001599.D
Acq: 14 Jan 2020 21:47

Tgt Ion: 82	Resp:	193981
Ion	Ratio	Lower Upper
82	100	
128	32.8	28.4 42.6
54	71.2	53.4 80.2

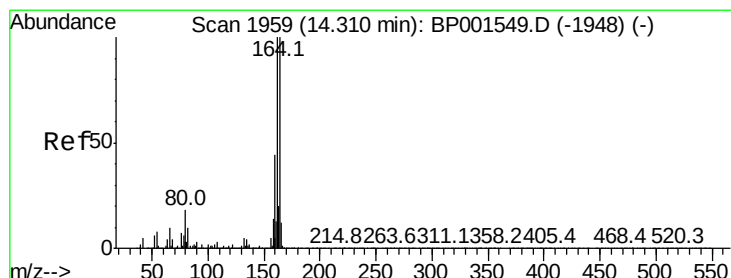
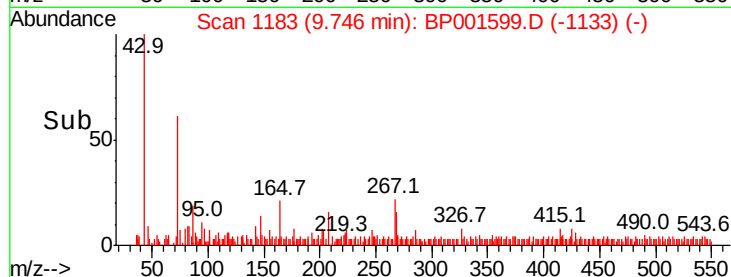
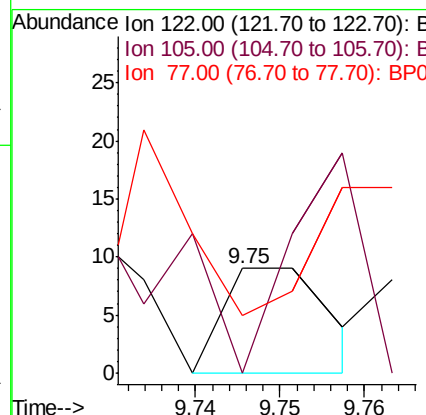
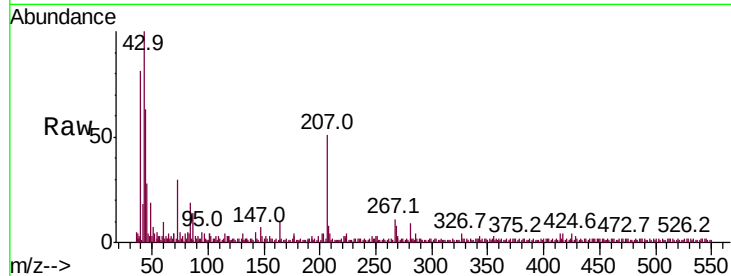




#32
Benzoic acid
Concen: 4.710 ng
RT: 9.75 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BP001599.D
Acq: 14 Jan 2020 21:47

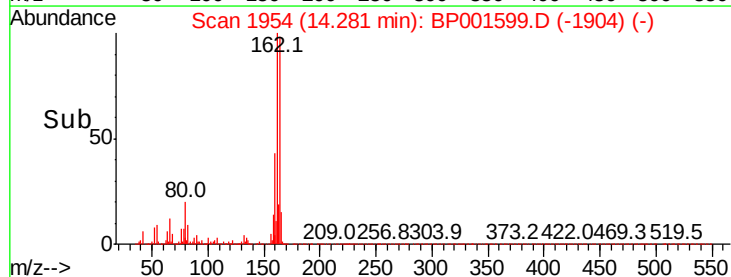
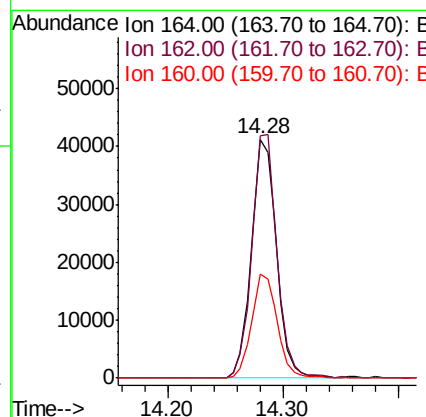
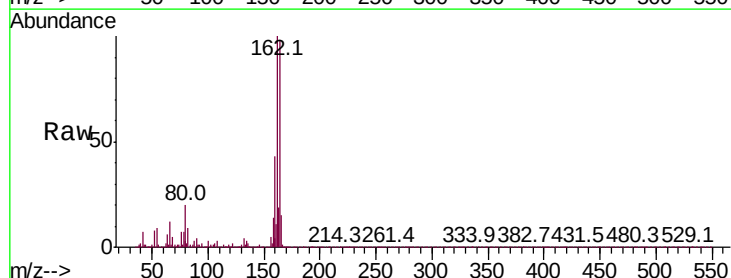
Instrument :
BNA_P
ClientSampleId :

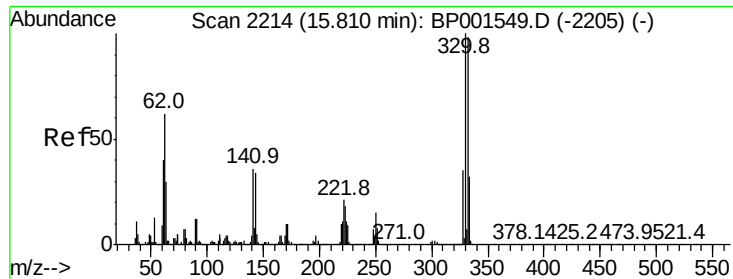
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	119.5	159.5#
77	55.6	102.8	142.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001599.D
Acq: 14 Jan 2020 21:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.8	119.6
160	43.7	35.0	52.6





#42

2,4,6-Tribromophenol

Concen: 121.914 ng

RT: 15.79 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BP001599.D

Acq: 14 Jan 2020 21:47

Instrument :

BNA_P

ClientSampleId :

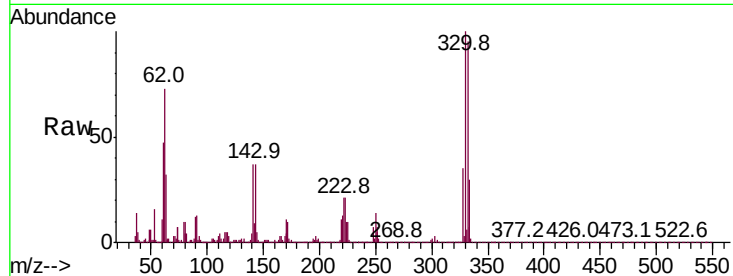
Tot Ion:330 Resp: 115852

Ion Ratio Lower Upper

330 100

332 97.6 77.8 116.6

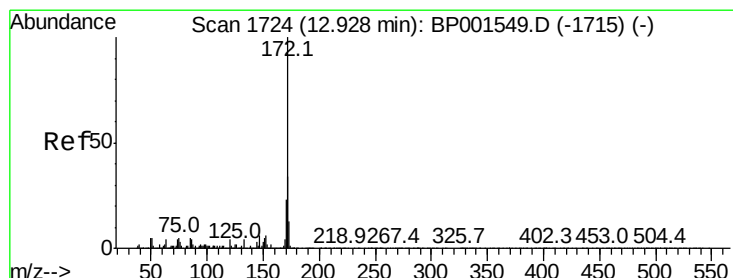
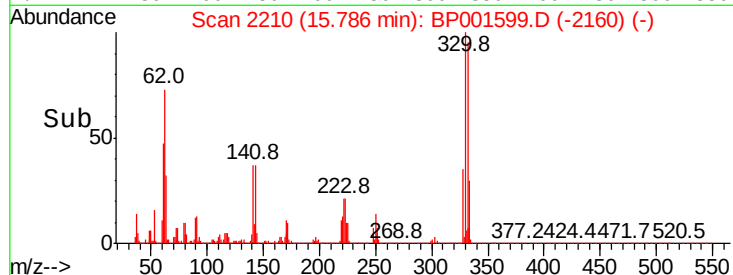
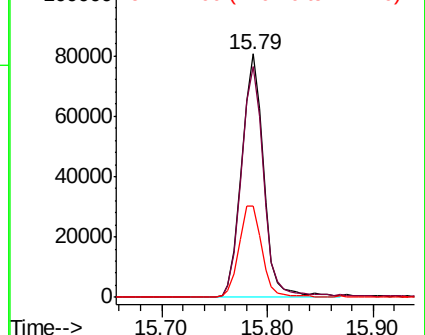
141 39.4 28.7 43.1



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: 100.089 ng

RT: 12.90 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BP001599.D

Acq: 14 Jan 2020 21:47

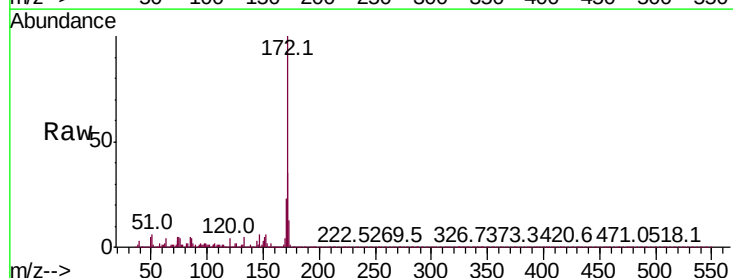
Tgt Ion:172 Resp: 424978

Ion Ratio Lower Upper

172 100

171 35.3 27.6 41.4

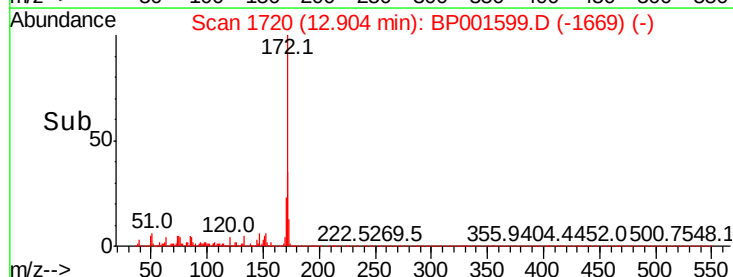
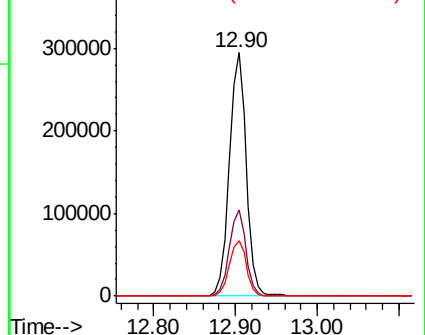
170 22.7 18.3 27.5

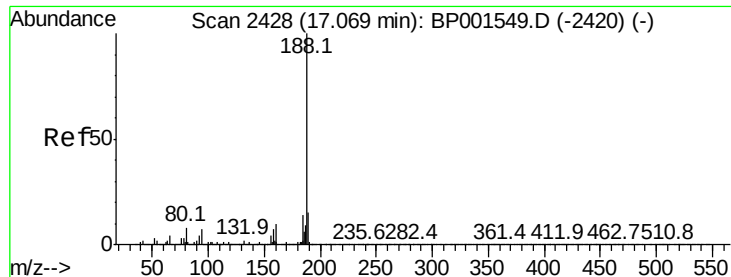


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BP001599.D

Acq: 14 Jan 2020 21:47

Instrument :

BNA_P

ClientSampleId :

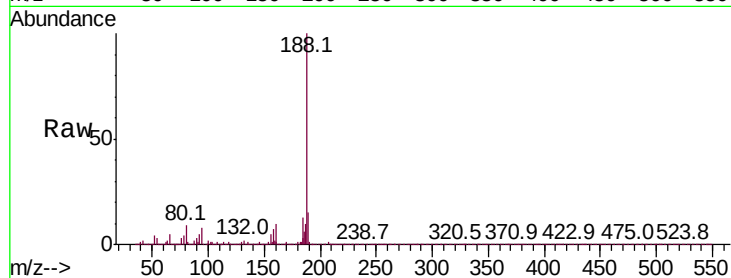
Tot Ion:188 Resp: 148115

Ion Ratio Lower Upper

188 100

94 7.6 5.9 8.9

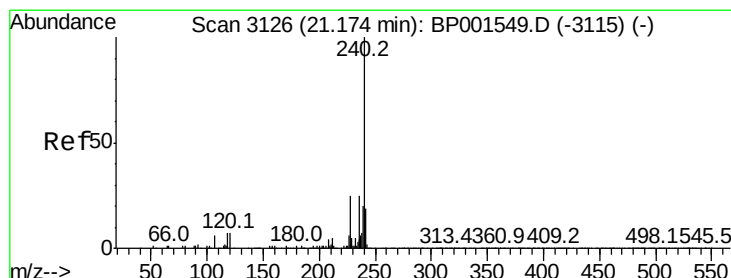
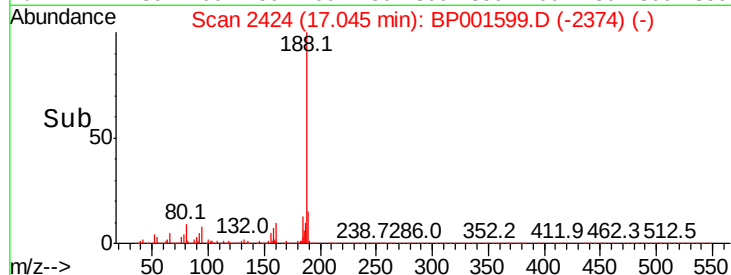
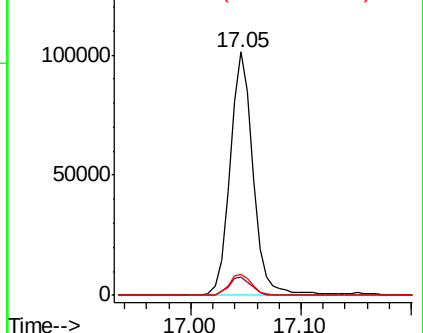
80 8.7 6.8 10.2



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: 21.15 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BP001599.D

Acq: 14 Jan 2020 21:47

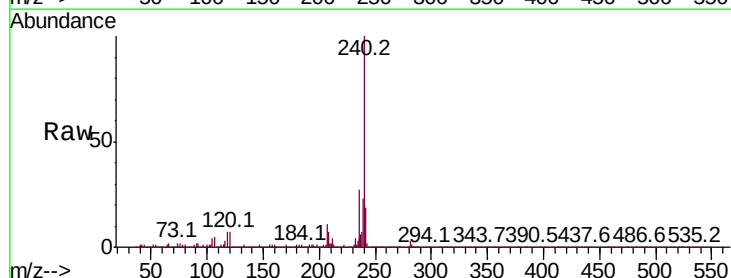
Tgt Ion:240 Resp: 156714

Ion Ratio Lower Upper

240 100

120 7.2 5.7 8.5

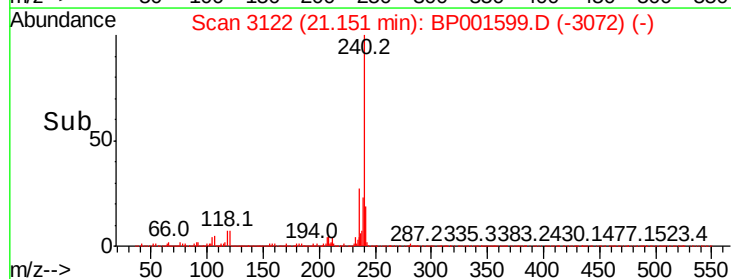
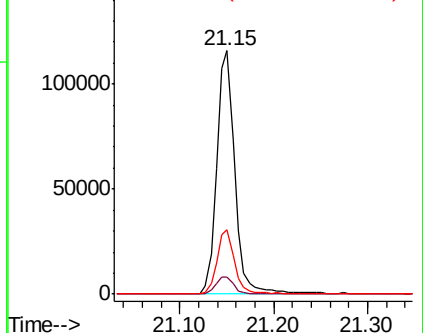
236 26.5 20.4 30.6

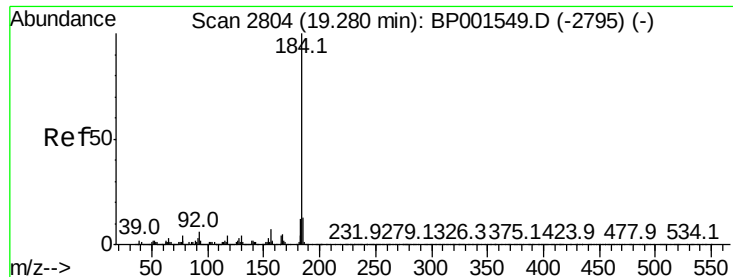


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 143.981 ng

RT: 19.26 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BP001599.D

Acq: 14 Jan 2020 21:47

Instrument :

BNA_P

ClientSampleId :

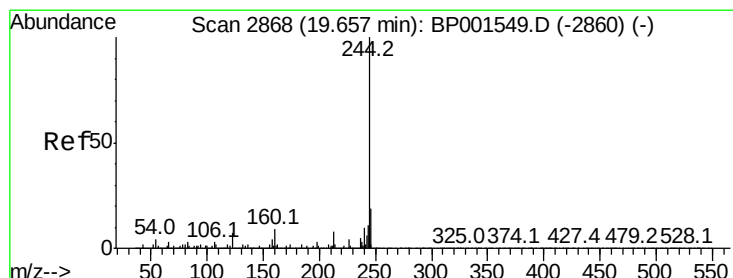
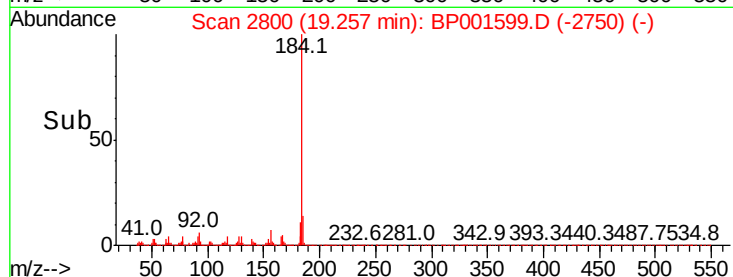
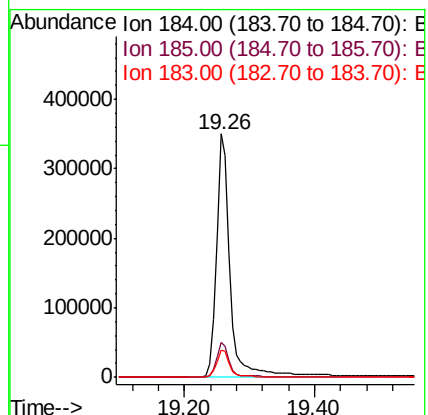
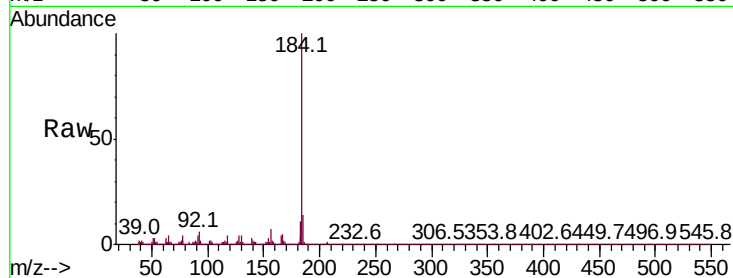
Tot Ion:184 Resp: 515211

Ion Ratio Lower Upper

184 100

185 14.2 10.6 16.0

183 11.1 9.4 14.0



#79

Terphenyl-d14

Concen: 93.430 ng

RT: 19.63 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BP001599.D

Acq: 14 Jan 2020 21:47

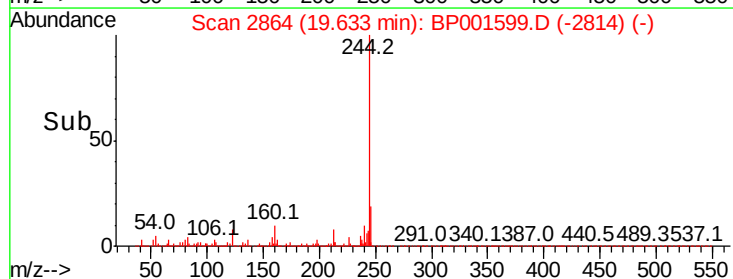
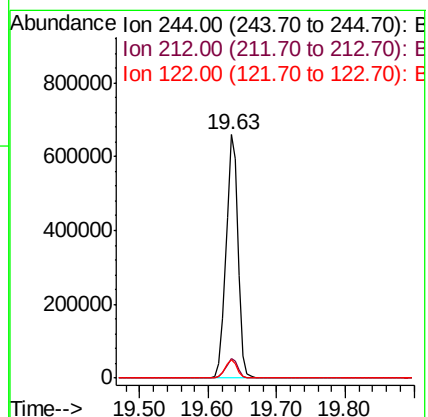
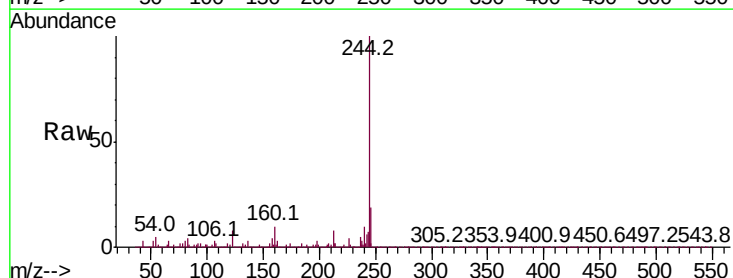
Tgt Ion:244 Resp: 800523

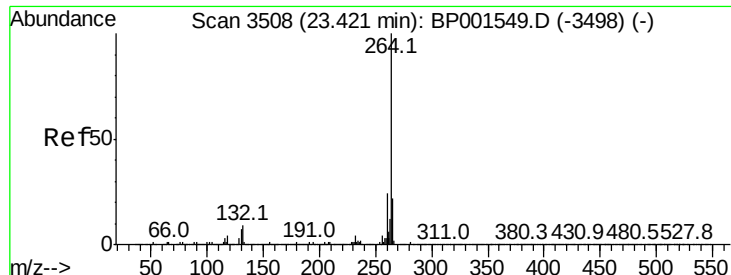
Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

122 7.6 5.8 8.6

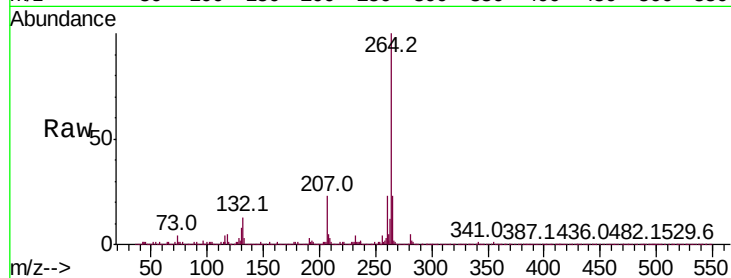




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BP001599.D
Acq: 14 Jan 2020 21:47

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	264	Resp:	159229
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	22.6	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

