

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
 Data File : BP001659.D
 Acq On : 17 Jan 2020 16:12
 Operator : JU
 Sample : L1171-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 18 02:32:57 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

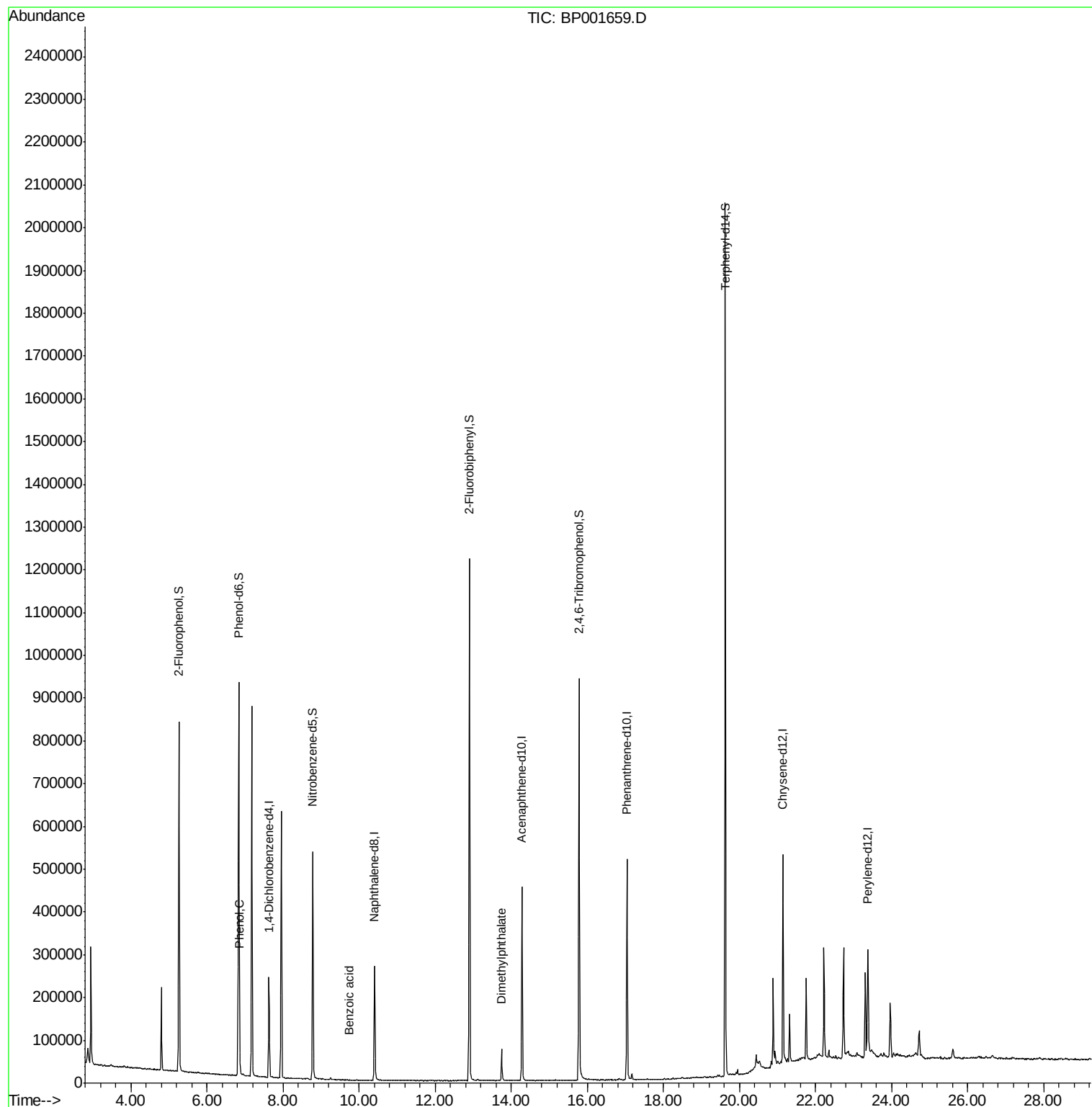
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	51332	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	195910	20.00	ng	-0.01
39) Acenaphthene-d10	14.28	164	137254	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	312977	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	212968	20.00	ng	-0.01
87) Perylene-d12	23.37	264	196346	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	262630	100.22	ng	0.00
7) Phenol-d6	6.83	99	398872	95.24	ng	0.00
23) Nitrobenzene-d5	8.78	82	277866	61.98	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	151933	72.72	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	572467	61.32	ng	0.00
79) Terphenyl-d14	19.63	244	858140	73.70	ng	-0.01
Target Compounds						
10) Phenol	6.86	94	15073	3.479	ng	Qvalue 94
32) Benzoic acid	9.75	122	5	4.705	ng	# 1
50) Dimethylphthalate	13.75	163	46805	4.140	ng	100

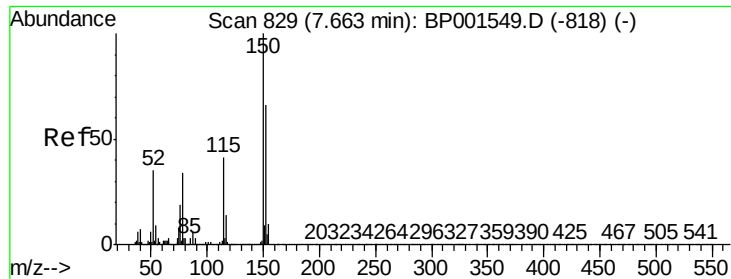
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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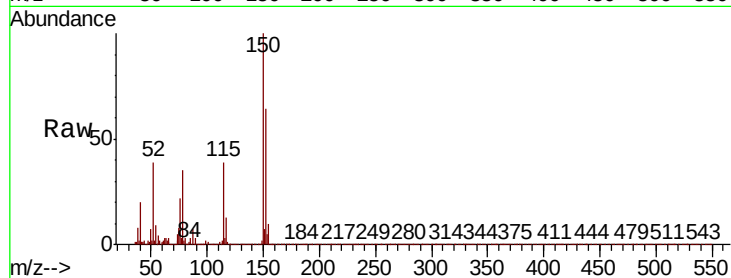




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BP001659.D
 Acq: 17 Jan 2020 16:12

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.0	183.0
115	61.5	50.7	76.1

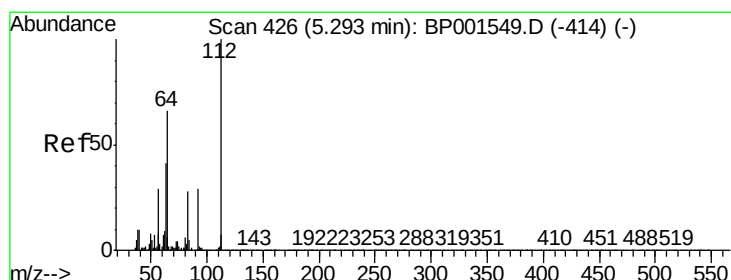
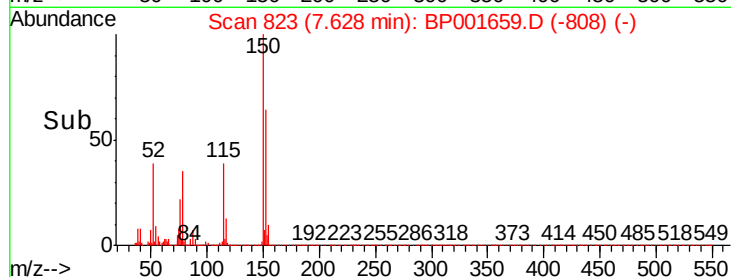
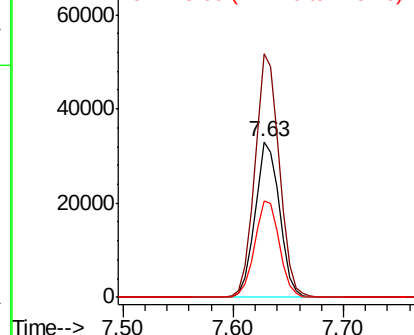


Abundance

Ion 152.00 (151.70 to 152.70): E

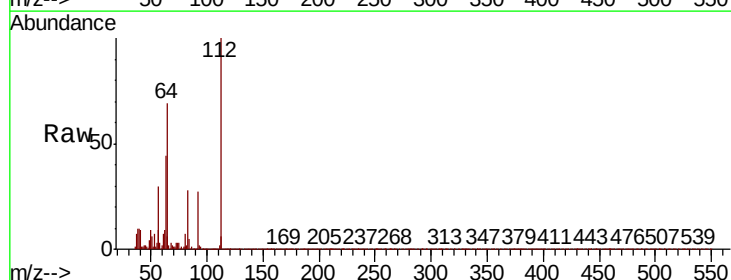
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 100.223 ng
 RT: 5.26 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BP001659.D
 Acq: 17 Jan 2020 16:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	52.8	79.2
63	43.9	33.1	49.7

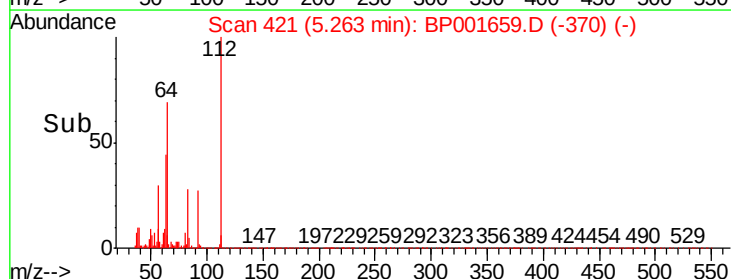
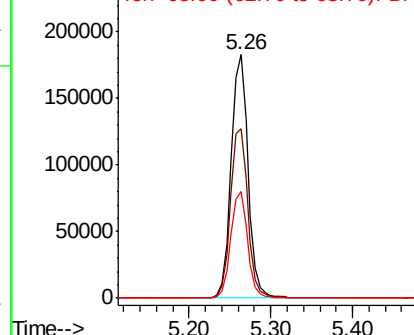


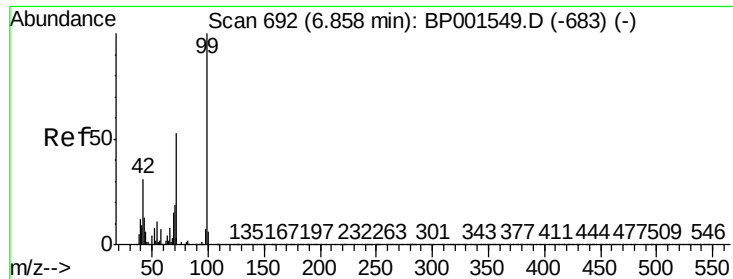
Abundance

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: 95.242 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.00 min

Lab File: BP001659.D

Acq: 17 Jan 2020 16:12

Instrument :

BNA_P

ClientSampleId :

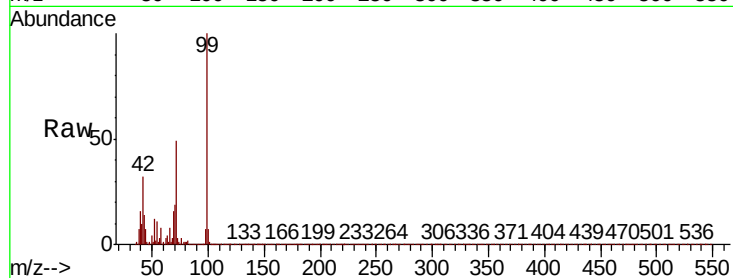
Tot Ion: 99 Resp: 398872

Ion Ratio Lower Upper

99 100

42 31.8 24.5 36.7

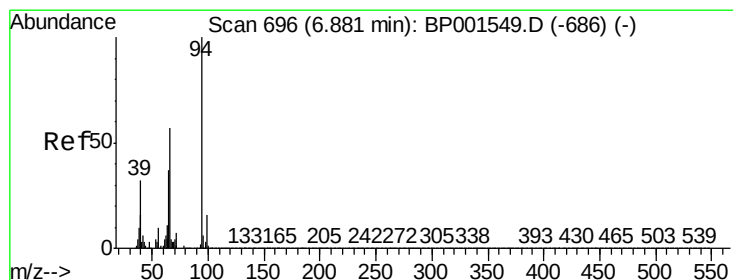
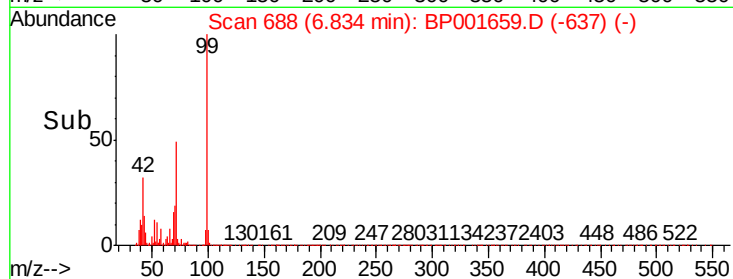
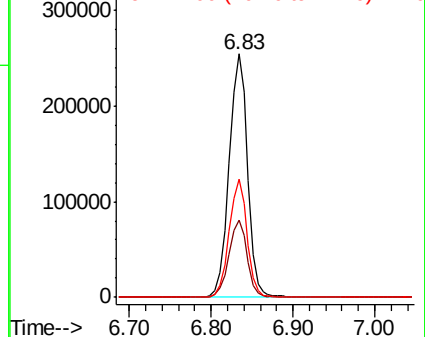
71 48.7 42.4 63.6



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



#10

Phenol

Concen: 3.479 ng

RT: 6.86 min Scan# 692

Delta R.T. -0.00 min

Lab File: BP001659.D

Acq: 17 Jan 2020 16:12

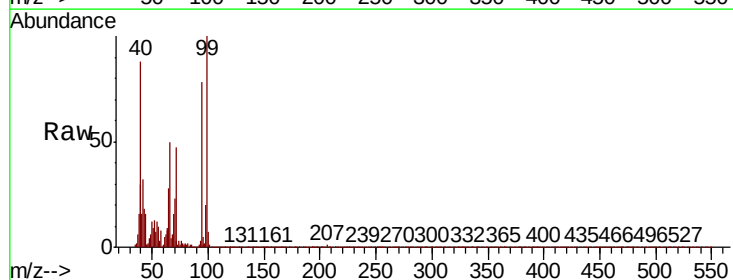
Tgt Ion: 94 Resp: 15073

Ion Ratio Lower Upper

94 100

65 36.4 17.5 57.5

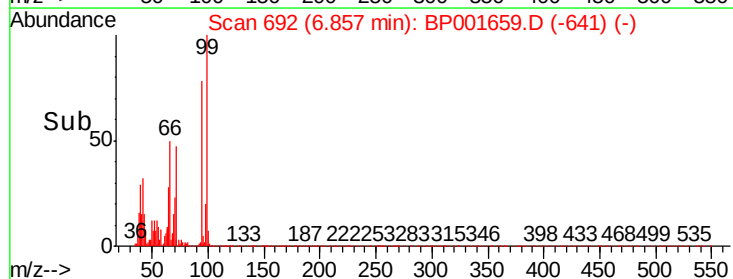
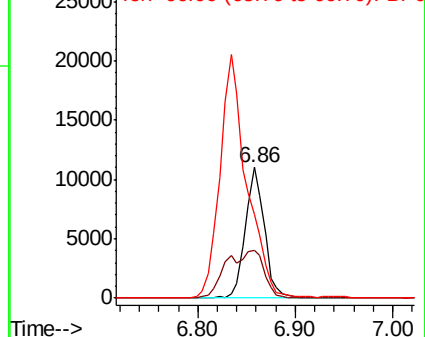
66 63.6 36.7 76.7

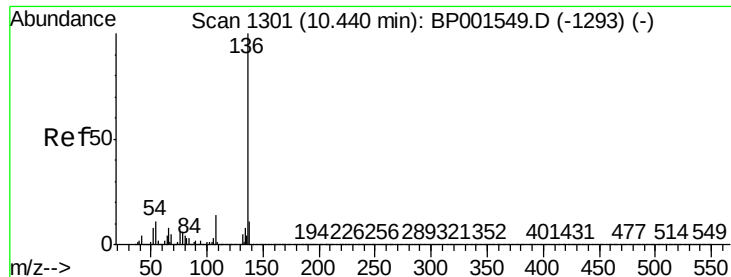


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

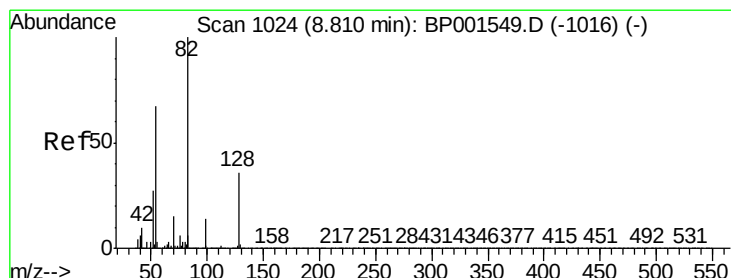
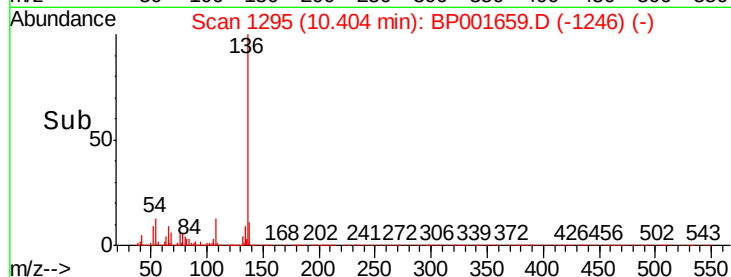
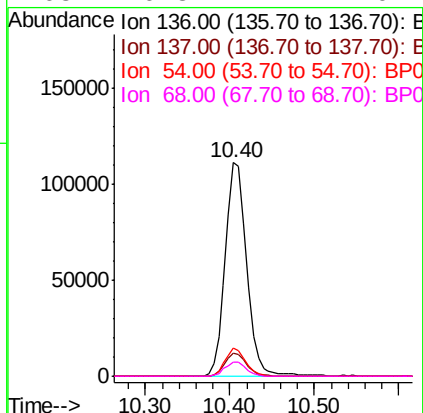
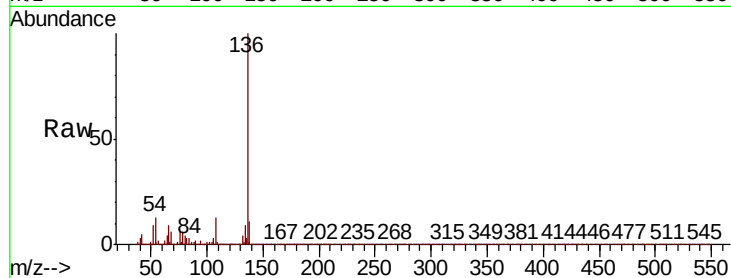




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP001659.D
Acq: 17 Jan 2020 16:12

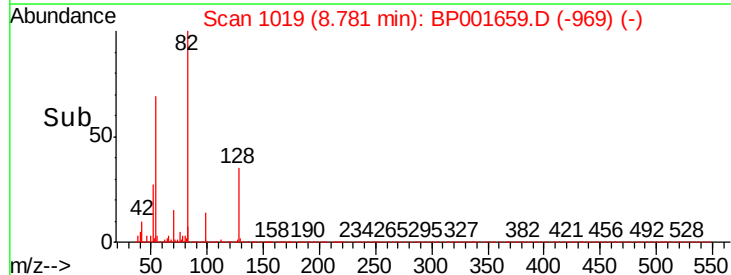
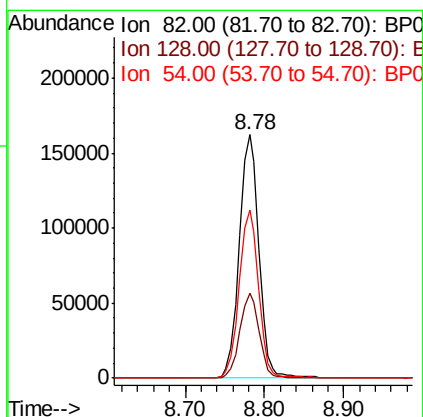
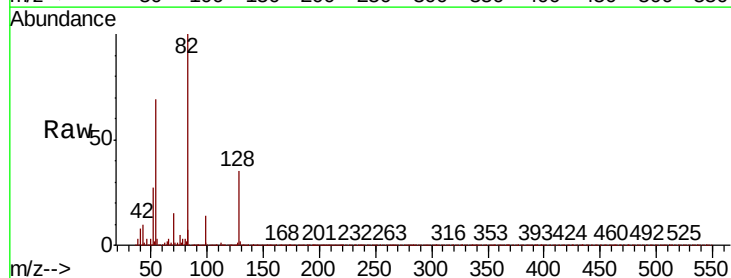
Instrument :
BNA_P
ClientSampleId :

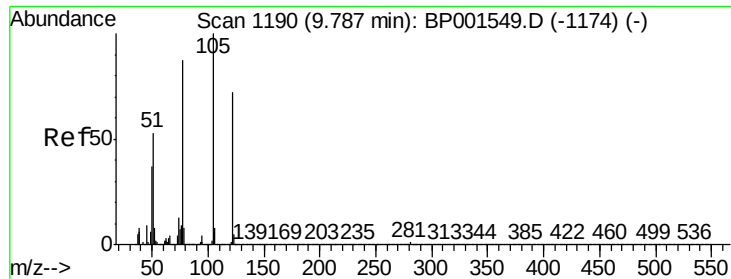
Tot Ion:136	Resp:	195910
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.6 12.8
54	13.5	9.2 13.8
68	6.3	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 61.978 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001659.D
Acq: 17 Jan 2020 16:12

Tgt Ion: 82	Resp:	277866
Ion	Ratio	Lower Upper
82	100	
128	34.8	28.4 42.6
54	69.3	53.4 80.2

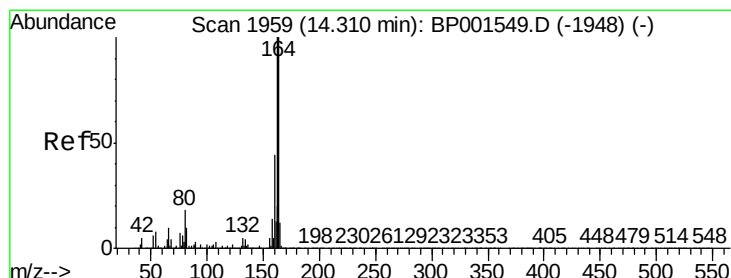
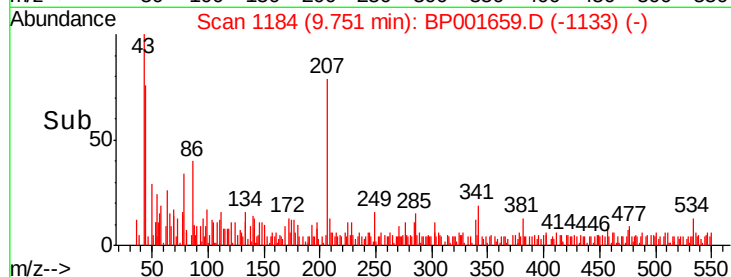
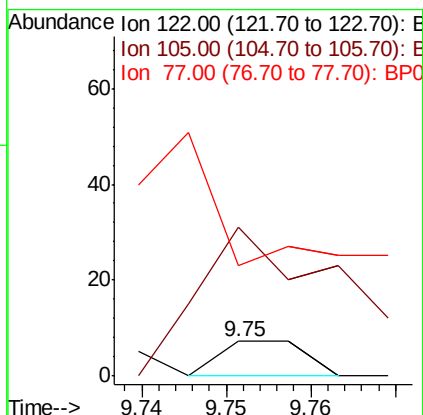
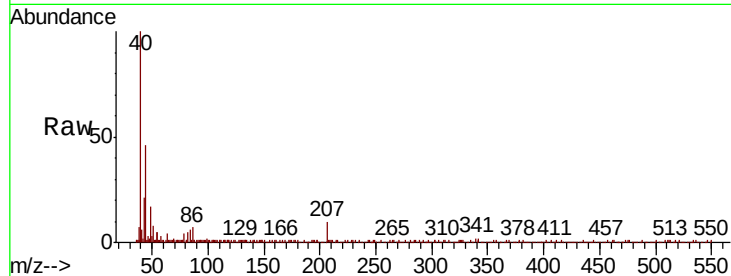




#32
Benzoic acid
Concen: 4.705 ng
RT: 9.75 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BP001659.D
Acq: 17 Jan 2020 16:12

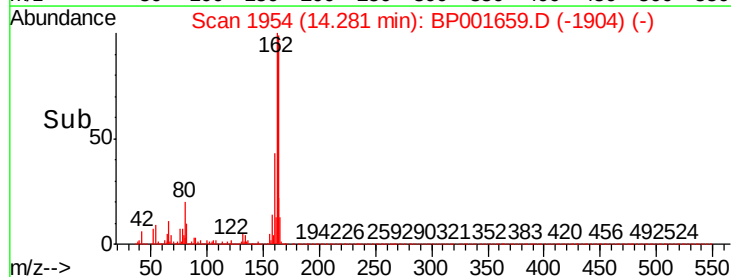
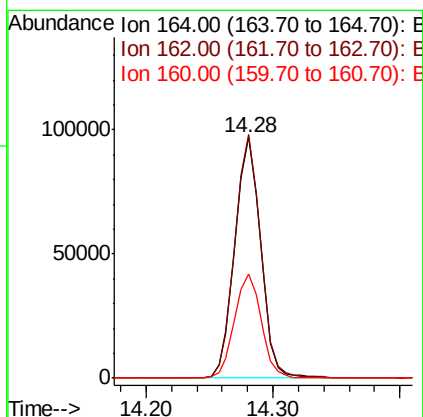
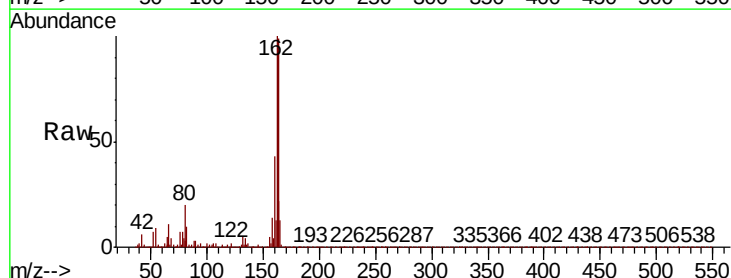
Instrument :
BNA_P
ClientSampleId :

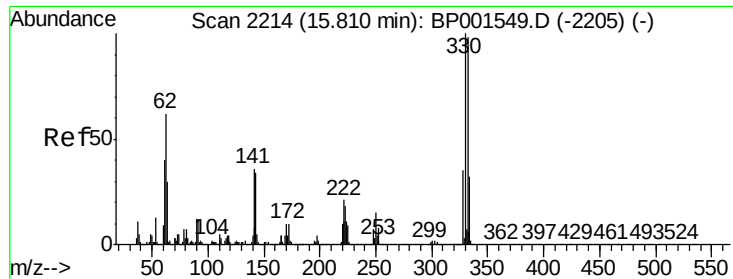
Tot Ion	Ratio	Lower	Upper
122	100		
105	442.9	119.5	159.5#
77	328.6	102.8	142.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001659.D
Acq: 17 Jan 2020 16:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.8	119.6
160	43.1	35.0	52.6

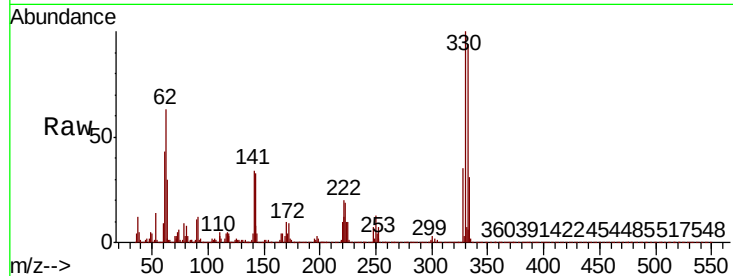




#42
2,4,6-Tribromophenol
Concen: 72.720 ng
RT: 15.79 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BP001659.D
Acq: 17 Jan 2020 16:12

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.8	116.6
141	37.5	28.7	43.1

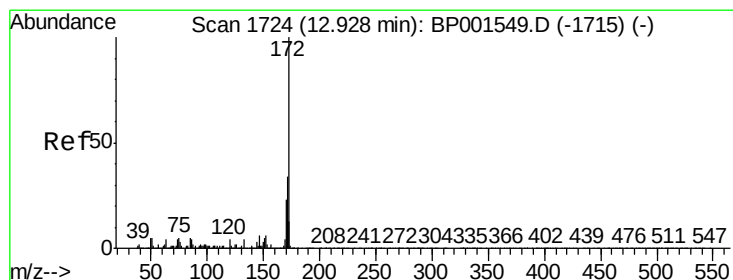
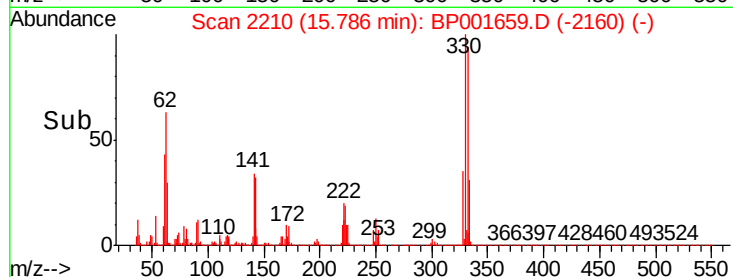
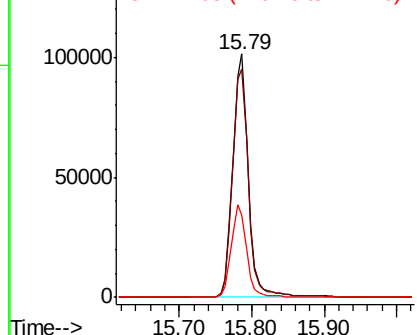


Abundance

Ion 329.80 (329.50 to 330.50): E

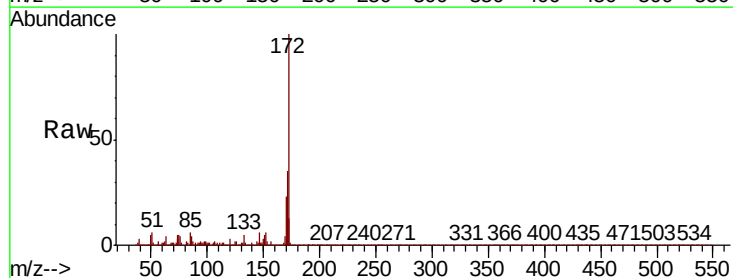
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 61.323 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BP001659.D
Acq: 17 Jan 2020 16:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.6	41.4
170	23.5	18.3	27.5

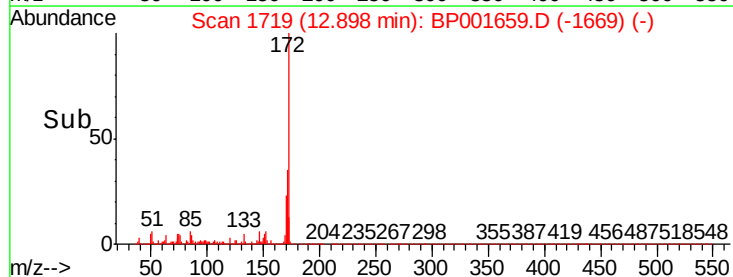
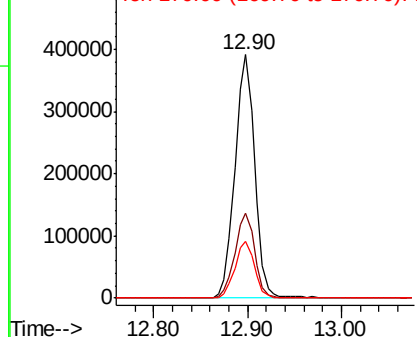


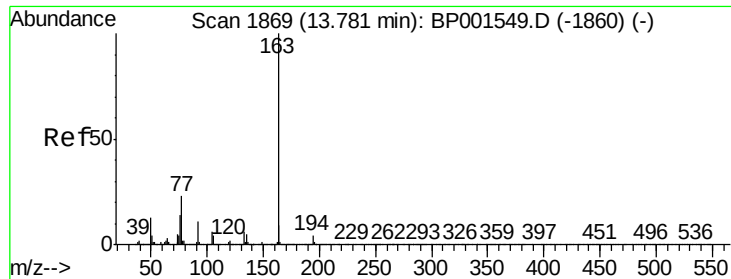
Abundance

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

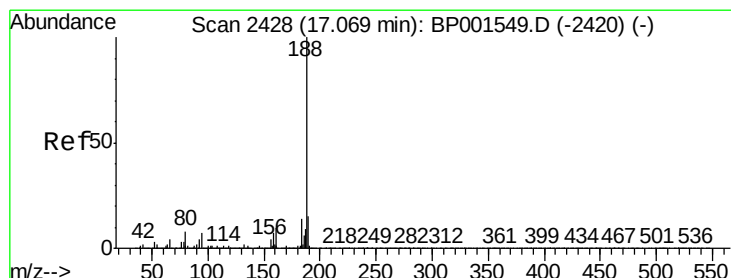
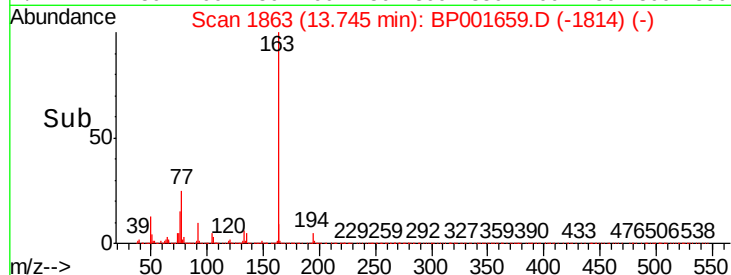
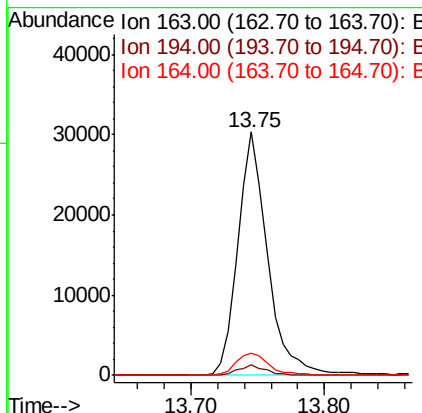
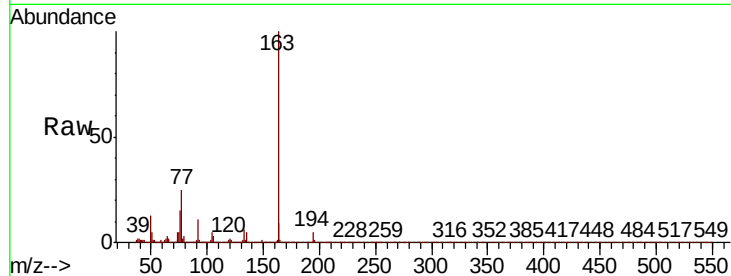




#50
Dimethylphthalate
Concen: 4.140 ng
RT: 13.75 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BP001659.D
Acq: 17 Jan 2020 16:12

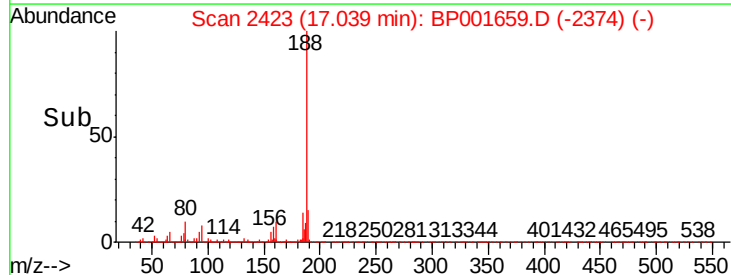
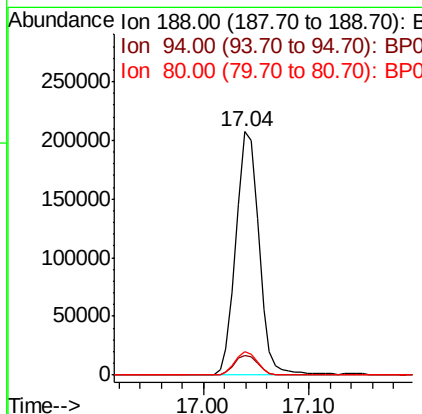
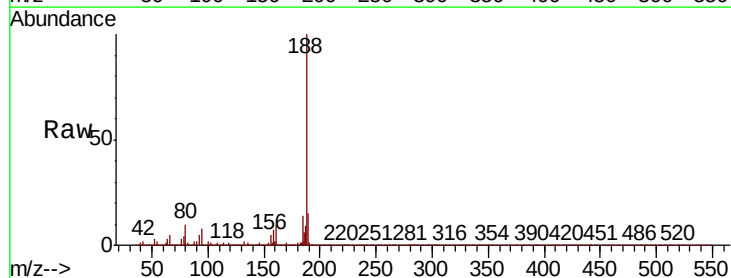
Instrument :
BNA_P
ClientSampleId :

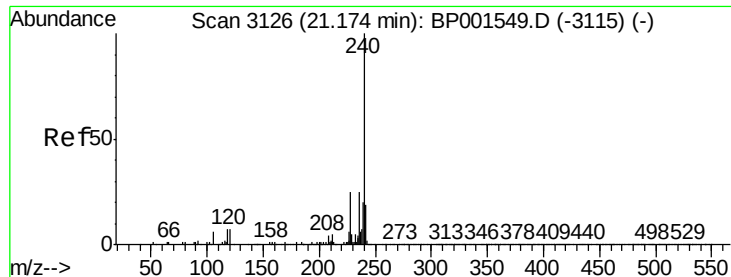
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	9.3	7.5	11.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP001659.D
Acq: 17 Jan 2020 16:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.9	8.9
80	9.6	6.8	10.2

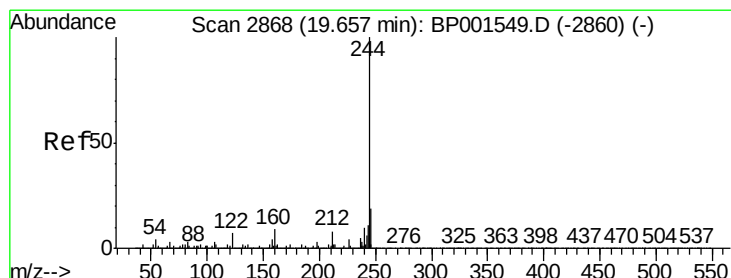
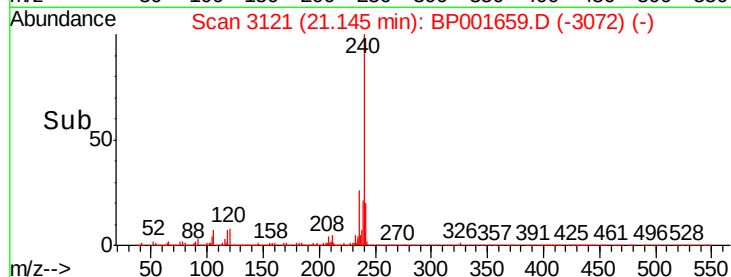
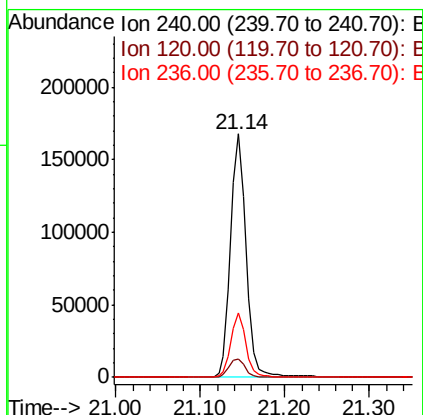
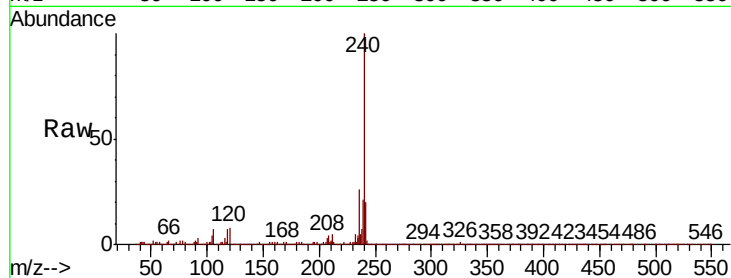




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BP001659.D
Acq: 17 Jan 2020 16:12

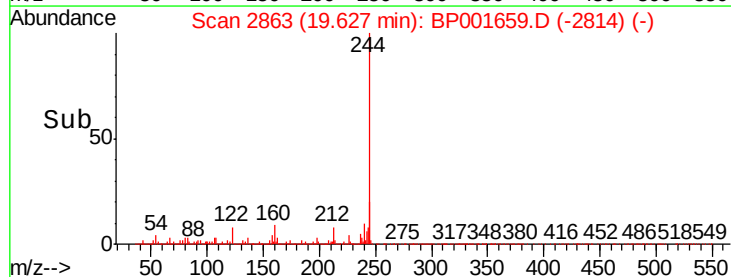
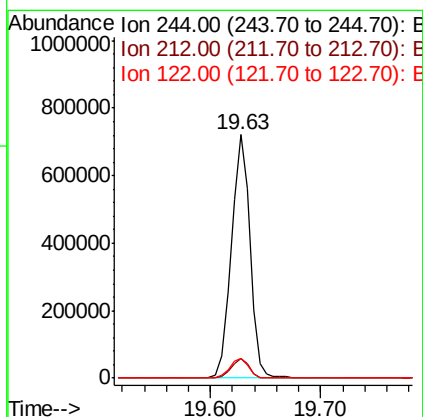
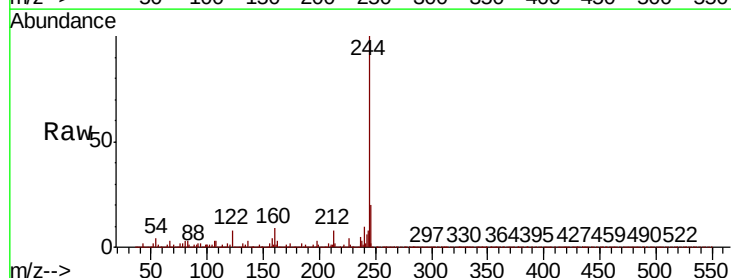
Instrument :
BNA_P
ClientSampleId :

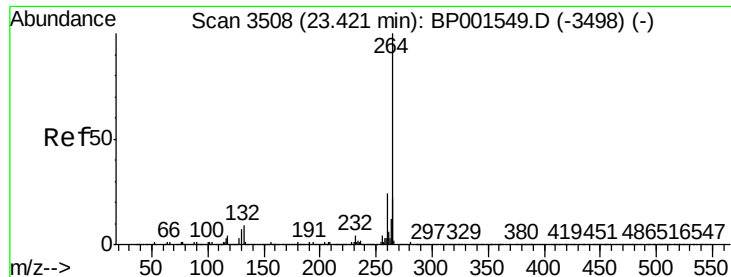
Tot Ion:240 Resp: 212968
Ion Ratio Lower Upper
240 100
120 7.8 5.7 8.5
236 26.4 20.4 30.6



#79
Terphenyl-d14
Concen: 73.700 ng
RT: 19.63 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BP001659.D
Acq: 17 Jan 2020 16:12

Tgt Ion:244 Resp: 858140
Ion Ratio Lower Upper
244 100
212 8.2 6.3 9.5
122 8.1 5.8 8.6

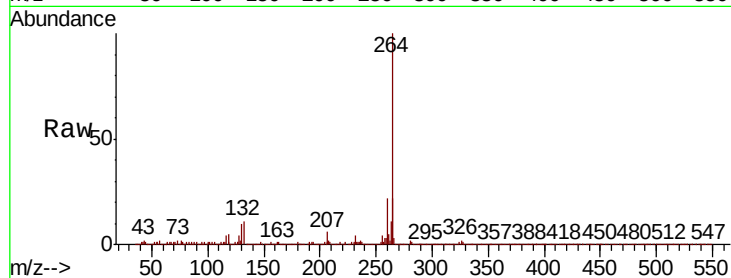




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.37 min Scan# 3500
 Delta R.T. -0.02 min
 Lab File: BP001659.D
 Acq: 17 Jan 2020 16:12

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	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

