

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
 Data File : BP001660.D
 Acq On : 17 Jan 2020 16:46
 Operator : JU
 Sample : L1155-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 18 02:33:09 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

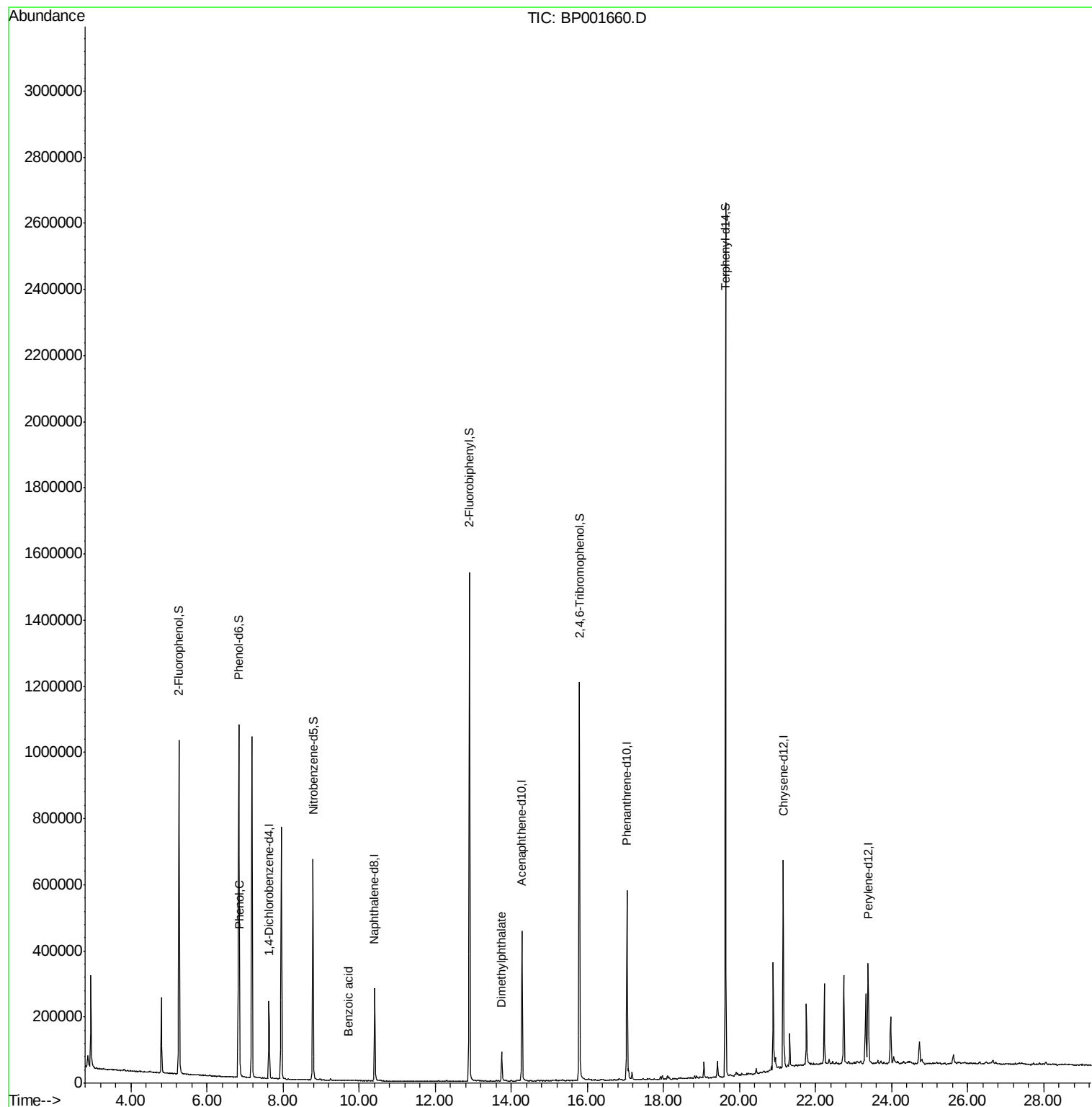
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	51700	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	201925	20.00	ng	-0.01
39) Acenaphthene-d10	14.28	164	143131	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	333798	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	263362	20.00	ng	-0.01
87) Perylene-d12	23.38	264	225126	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	322950	122.36	ng	0.00
7) Phenol-d6	6.83	99	486369	115.31	ng	0.00
23) Nitrobenzene-d5	8.78	82	347247	75.15	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	194535	89.29	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	729519	74.94	ng	0.00
79) Terphenyl-d14	19.63	244	1200774	83.39	ng	-0.01
Target Compounds						
10) Phenol	6.86	94	18524	4.245	ng	88
32) Benzoic acid	9.72	122	25	4.713	ng	# 1
50) Dimethylphthalate	13.75	163	53992	4.580	ng	98

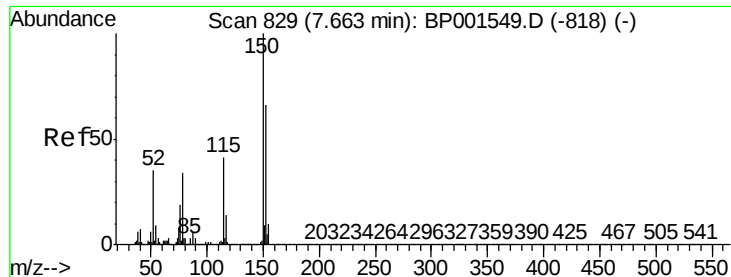
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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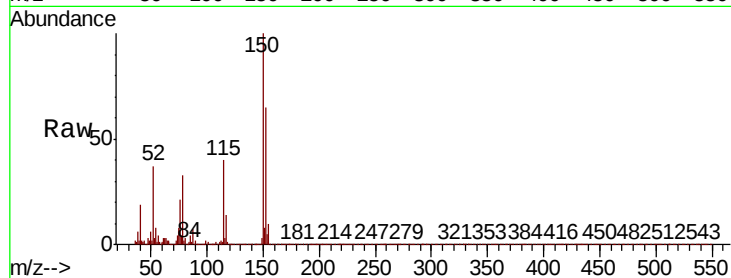


#1

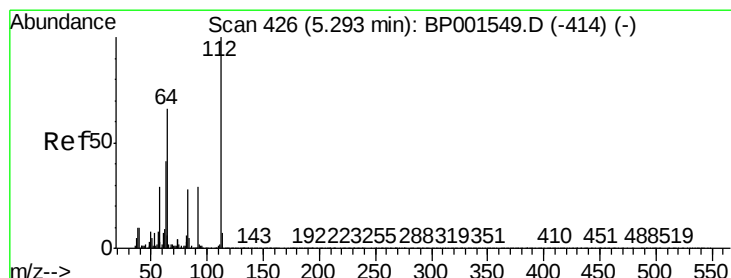
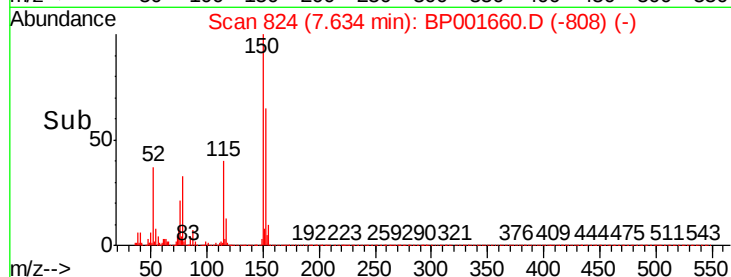
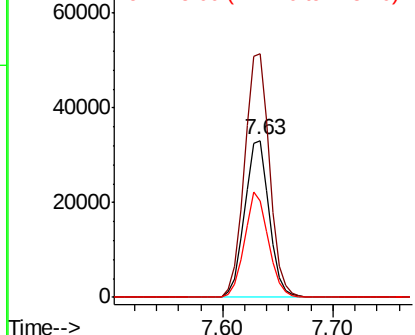
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 51700
Ion Ratio Lower Upper
152 100
150 155.0 122.0 183.0
115 61.4 50.7 76.1



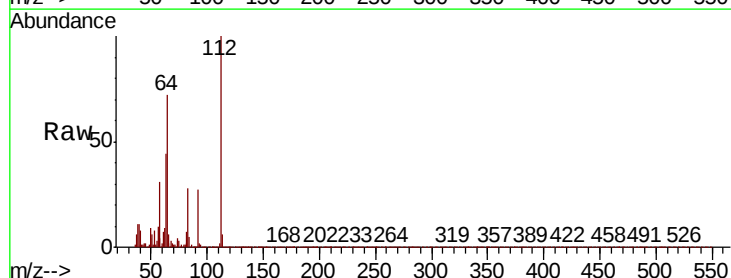
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



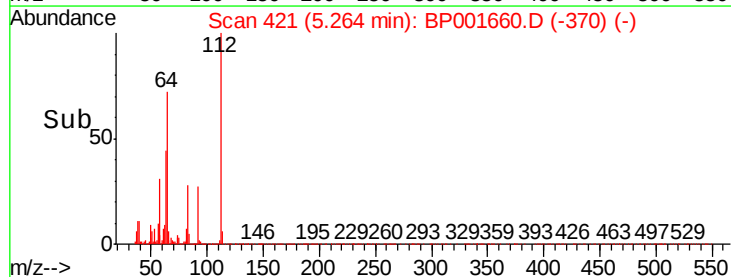
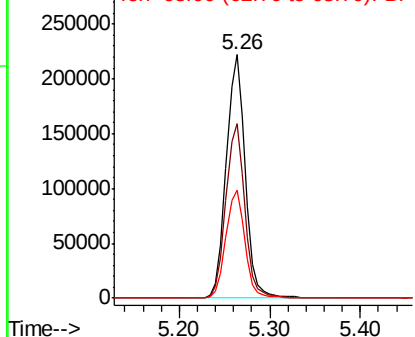
#5

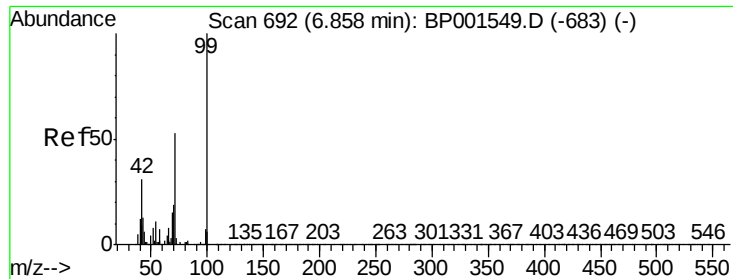
2-Fluorophenol
Concen: 122.365 ng
RT: 5.26 min Scan# 421
Delta R.T. -0.00 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

Tgt Ion:112 Resp: 322950
Ion Ratio Lower Upper
112 100
64 71.7 52.8 79.2
63 44.4 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: 115.308 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.00 min

Lab File: BP001660.D

Acq: 17 Jan 2020 16:46

Instrument :

BNA_P

ClientSampleId :

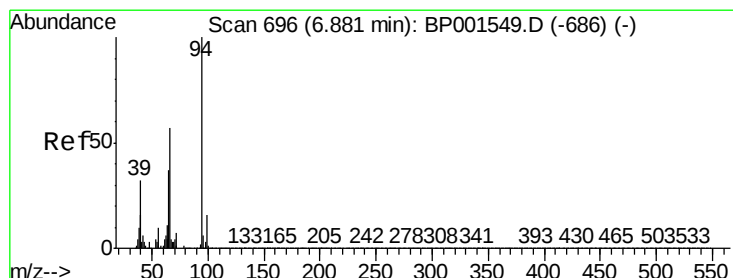
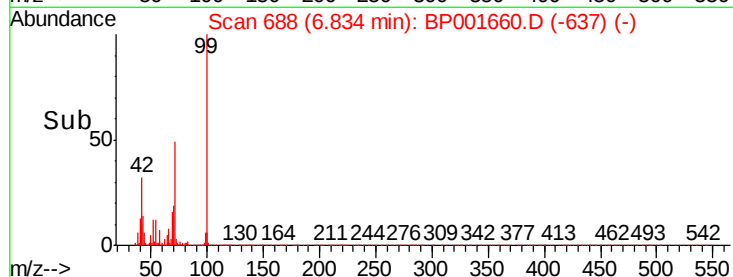
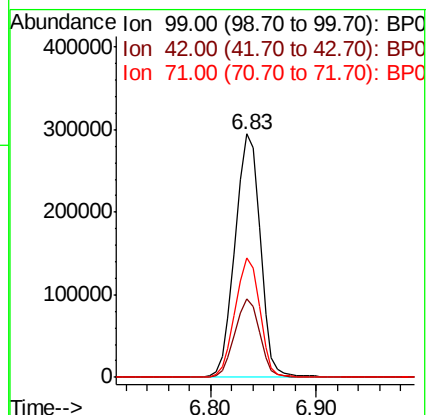
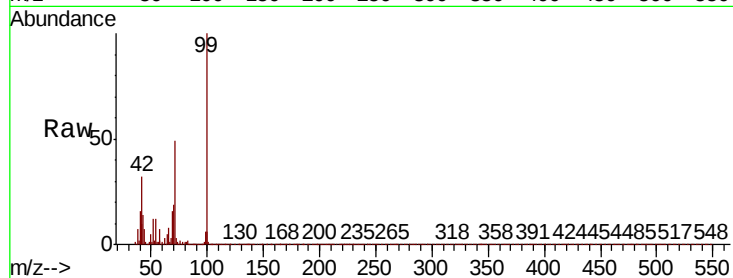
Tot Ion: 99 Resp: 486369

Ion Ratio Lower Upper

99 100

42 32.1 24.5 36.7

71 49.2 42.4 63.6



#10

Phenol

Concen: 4.245 ng

RT: 6.86 min Scan# 692

Delta R.T. -0.00 min

Lab File: BP001660.D

Acq: 17 Jan 2020 16:46

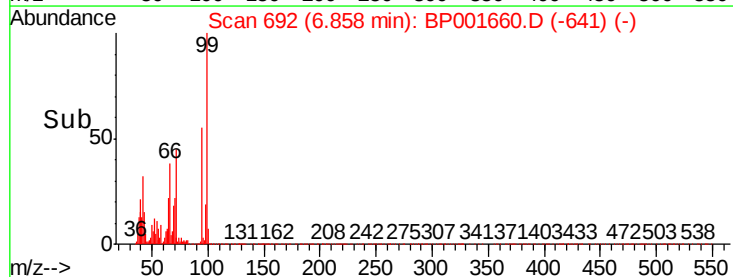
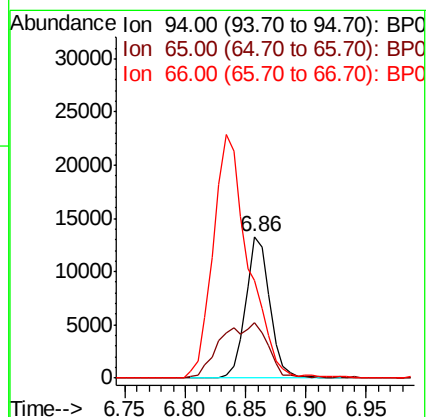
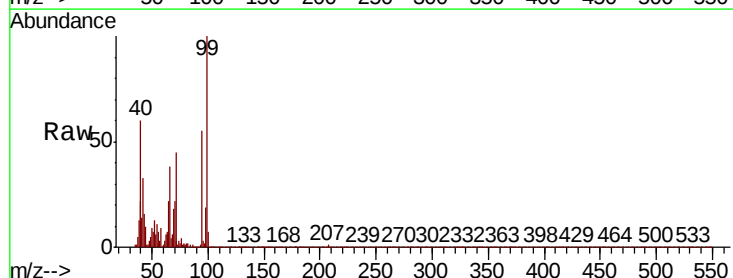
Tgt Ion: 94 Resp: 18524

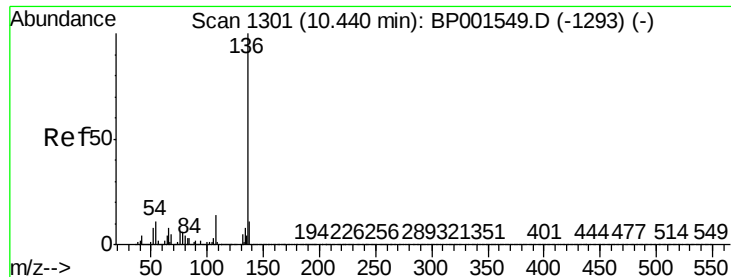
Ion Ratio Lower Upper

94 100

65 39.5 17.5 57.5

66 69.1 36.7 76.7

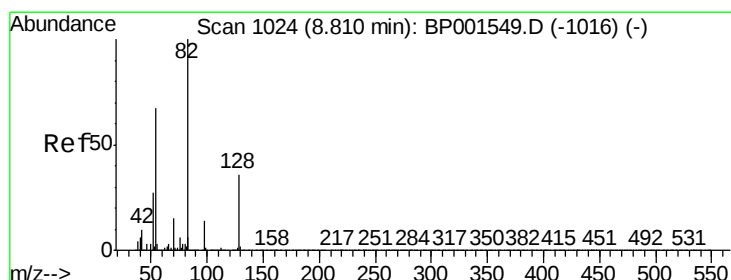
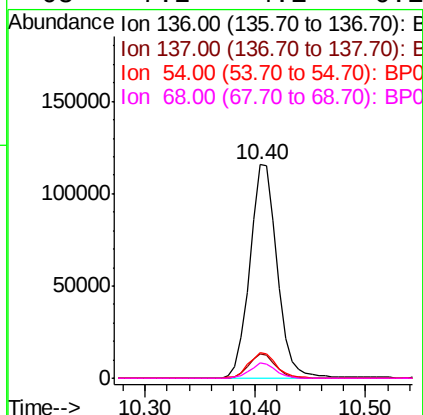
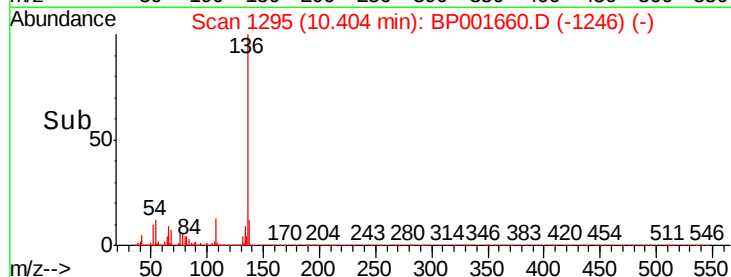
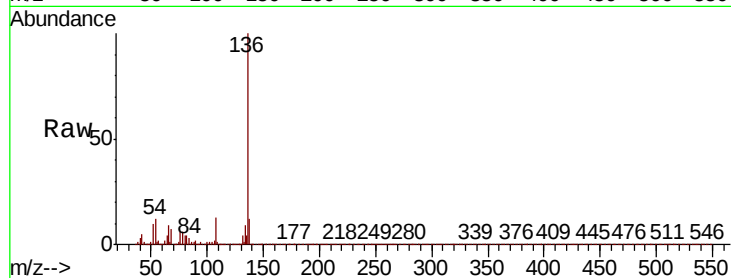




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

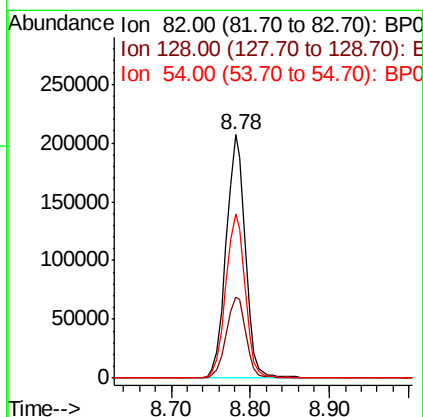
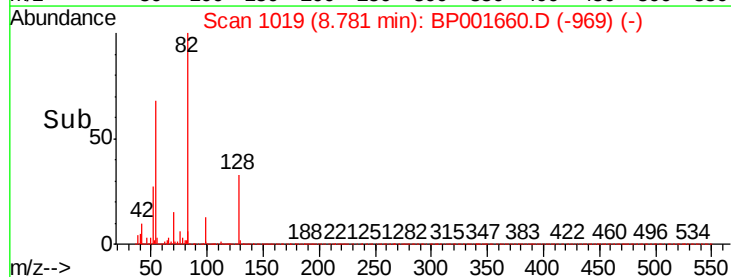
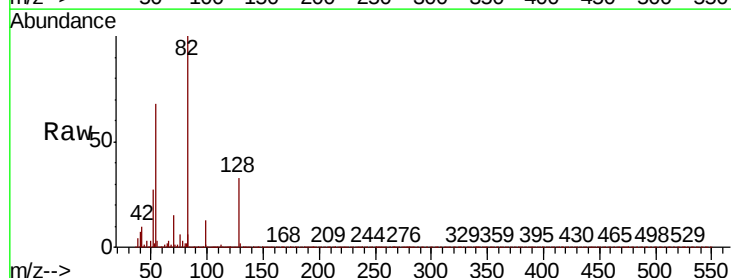
Instrument :
BNA_P
ClientSampleId :

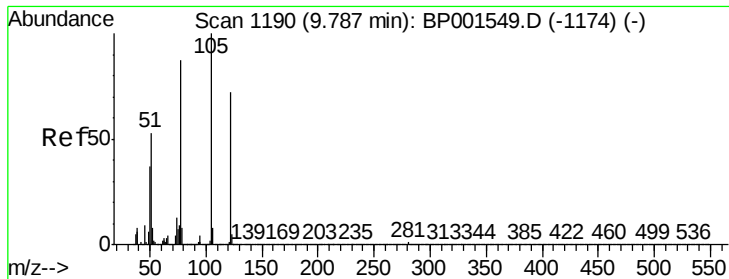
Tot Ion:136	Resp:	201925
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.6 12.8
54	12.6	9.2 13.8
68	7.2	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 75.146 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

Tgt Ion: 82	Resp:	347247
Ion Ratio	Lower	Upper
82	100	
128	33.2	28.4 42.6
54	67.6	53.4 80.2

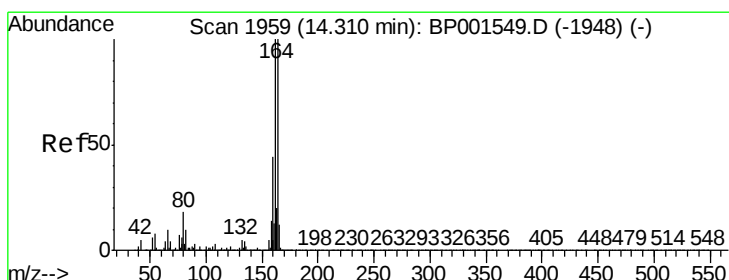
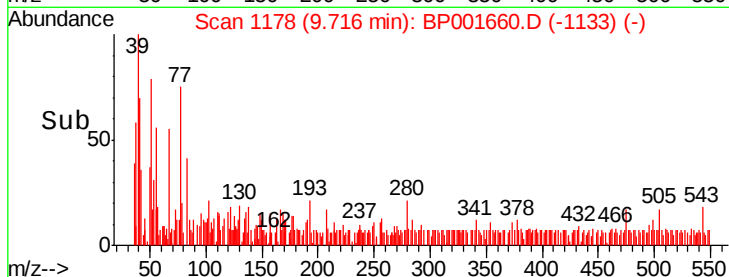
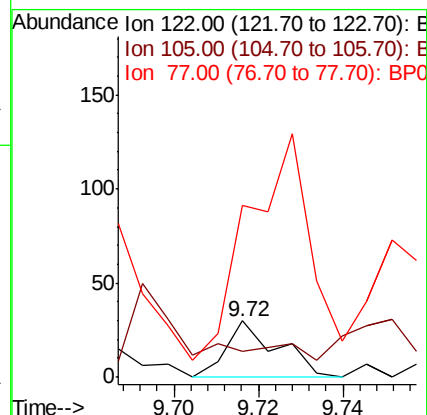
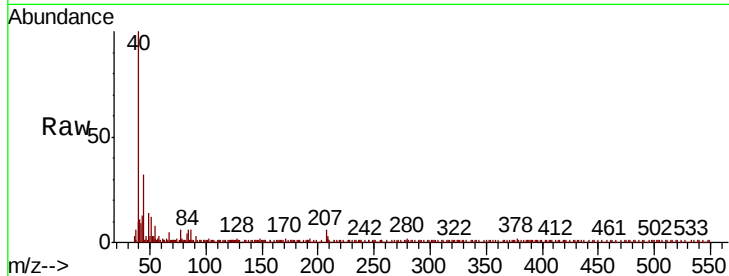




#32
Benzoic acid
Concen: 4.713 ng
RT: 9.72 min Scan# 1178
Delta R.T. -0.04 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

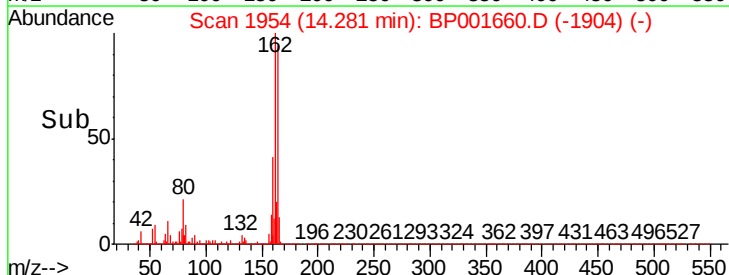
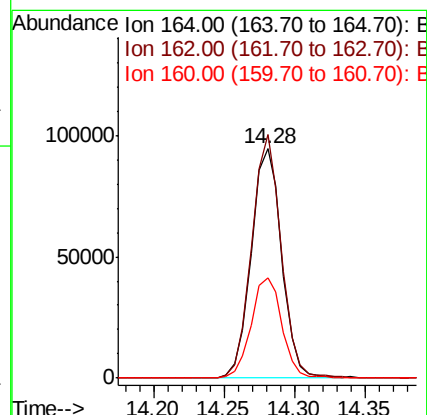
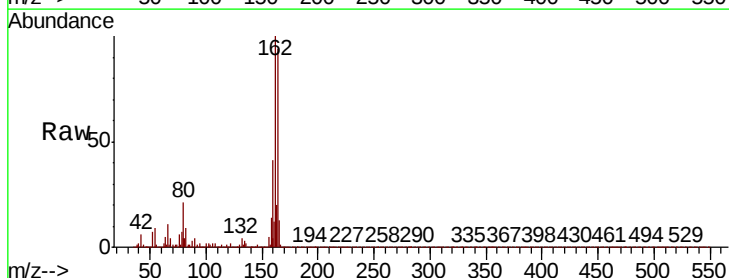
Instrument :
BNA_P
ClientSampleId :

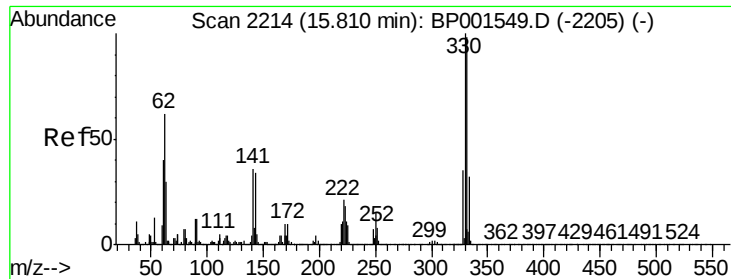
Tot Ion	Ratio	Lower	Upper
122	100		
105	46.7	119.5	159.5#
77	303.3	102.8	142.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	79.8	119.6
160	43.9	35.0	52.6

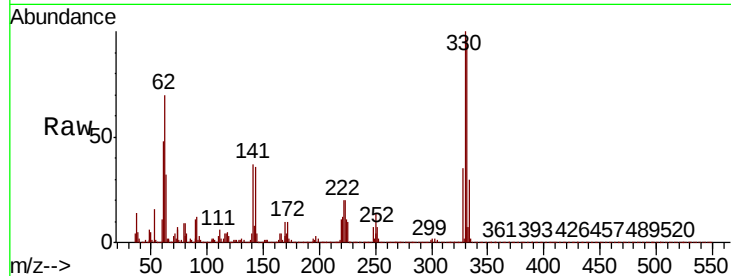




#42
2,4,6-Tribromophenol
Concen: 89.288 ng
RT: 15.79 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.8	116.6
141	38.6	28.7	43.1

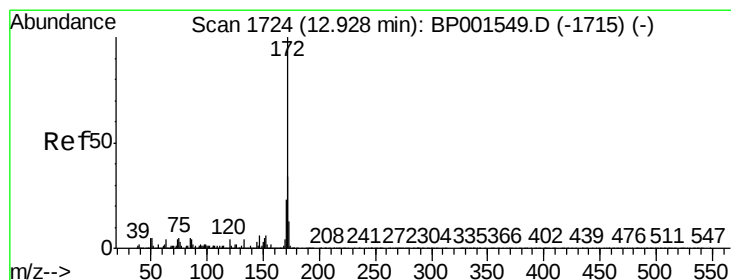
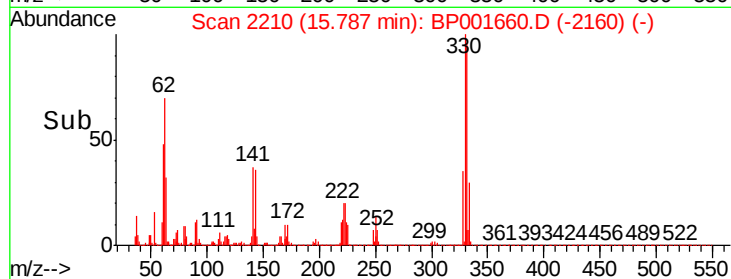
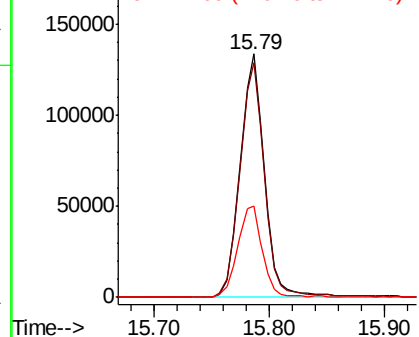


Abundance

Ion 329.80 (329.50 to 330.50): E

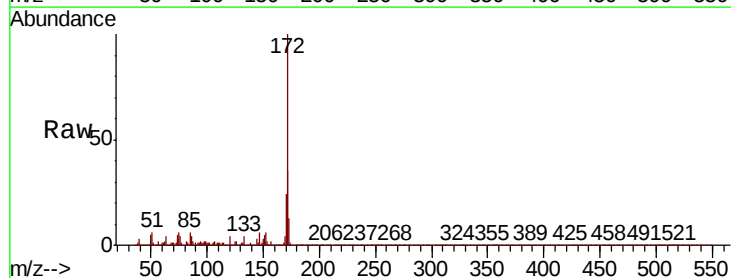
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 74.938 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.6	41.4
170	23.6	18.3	27.5

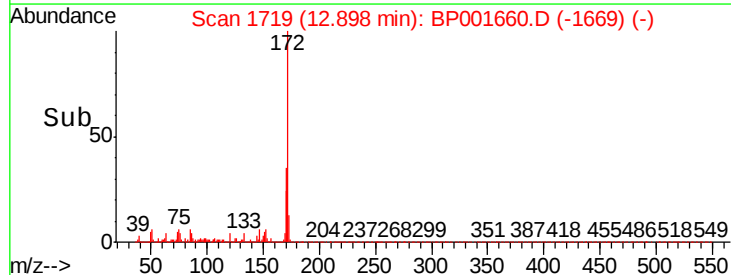
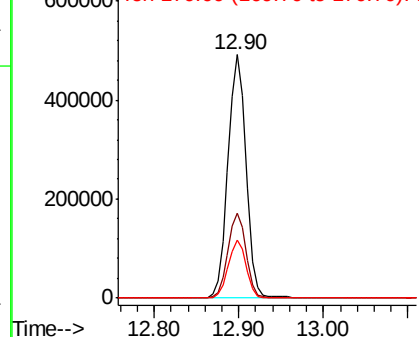


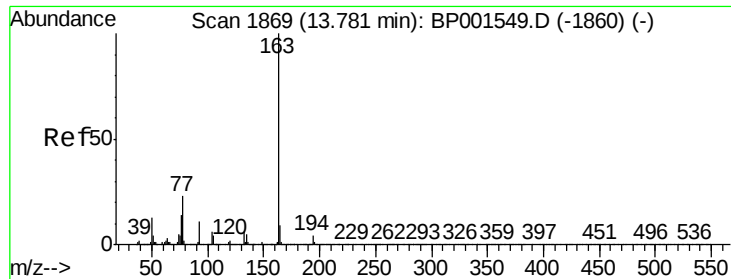
Abundance

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

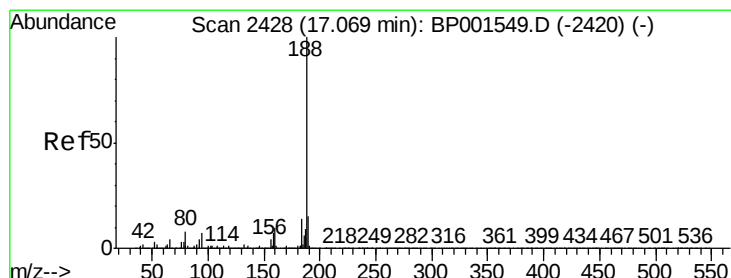
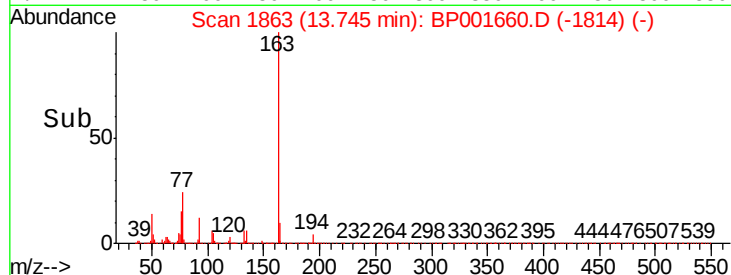
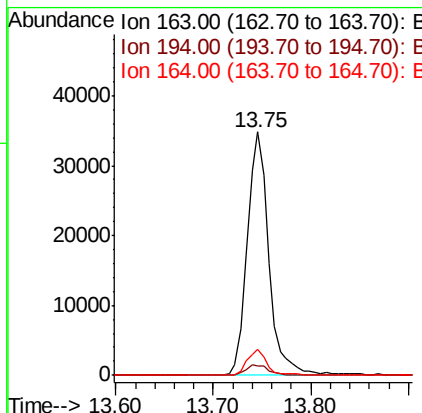
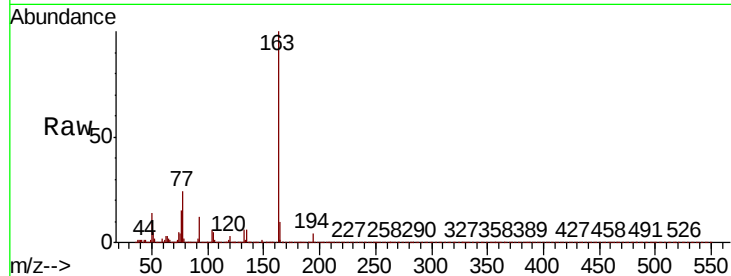




#50
Dimethylphthalate
Concen: 4.580 ng
RT: 13.75 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

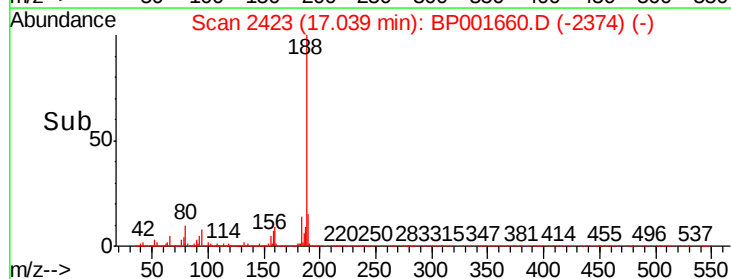
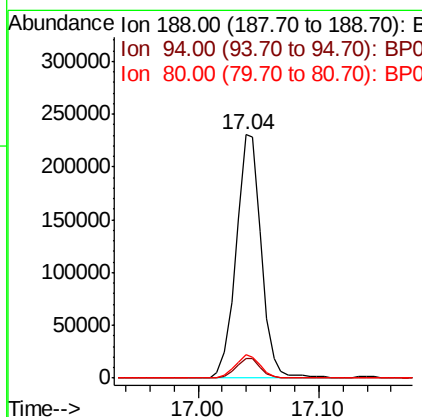
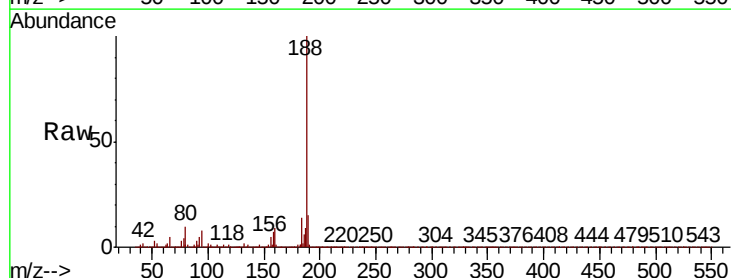
Instrument :
BNA_P
ClientSampleId :

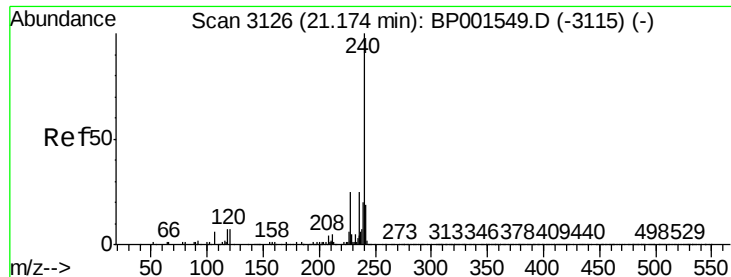
Tot Ion:163 Resp: 53992
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.5 7.5 11.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

Tgt Ion:188 Resp: 333798
Ion Ratio Lower Upper
188 100
94 7.8 5.9 8.9
80 9.6 6.8 10.2

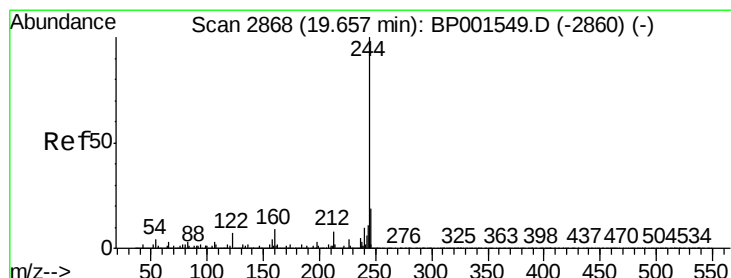
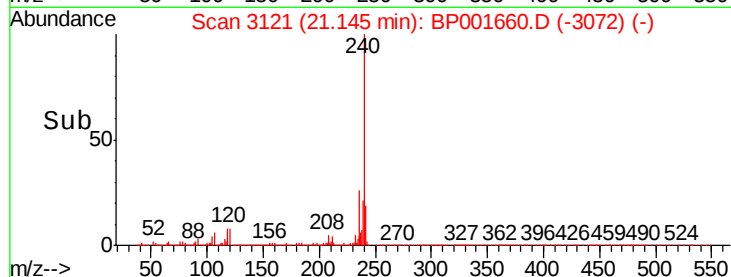
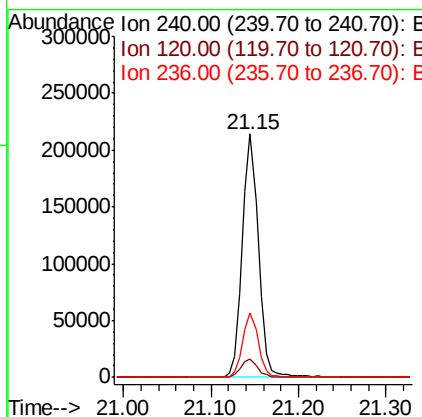
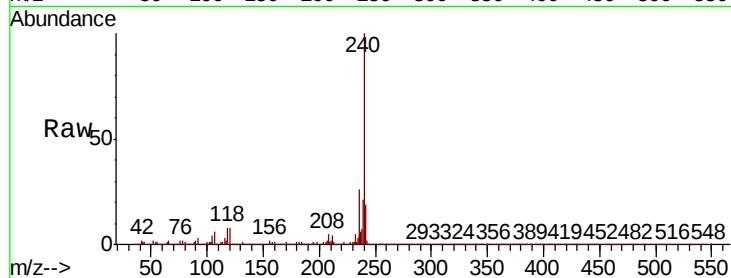




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

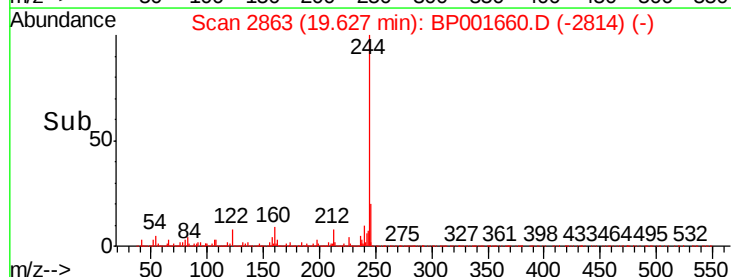
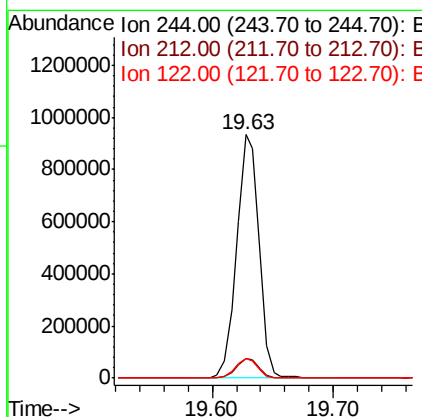
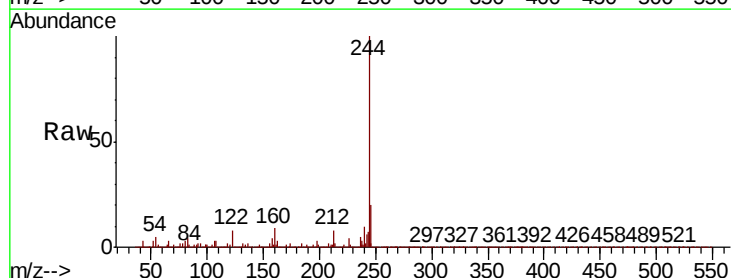
Instrument :
BNA_P
ClientSampleId :

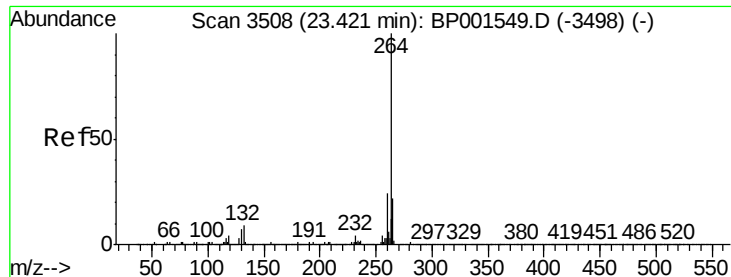
Tot Ion:240 Resp: 263362
Ion Ratio Lower Upper
240 100
120 7.7 5.7 8.5
236 26.5 20.4 30.6



#79
Terphenyl-d14
Concen: 83.393 ng
RT: 19.63 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BP001660.D
Acq: 17 Jan 2020 16:46

Tgt Ion:244 Resp: 1200774
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 8.1 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: BP001660.D
Acq: 17 Jan 2020 16:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	20.9	18.2	27.4

