

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 :
 CIY1-WC-SB-BC-04

Quant Time: Jan 14 23:44:20 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

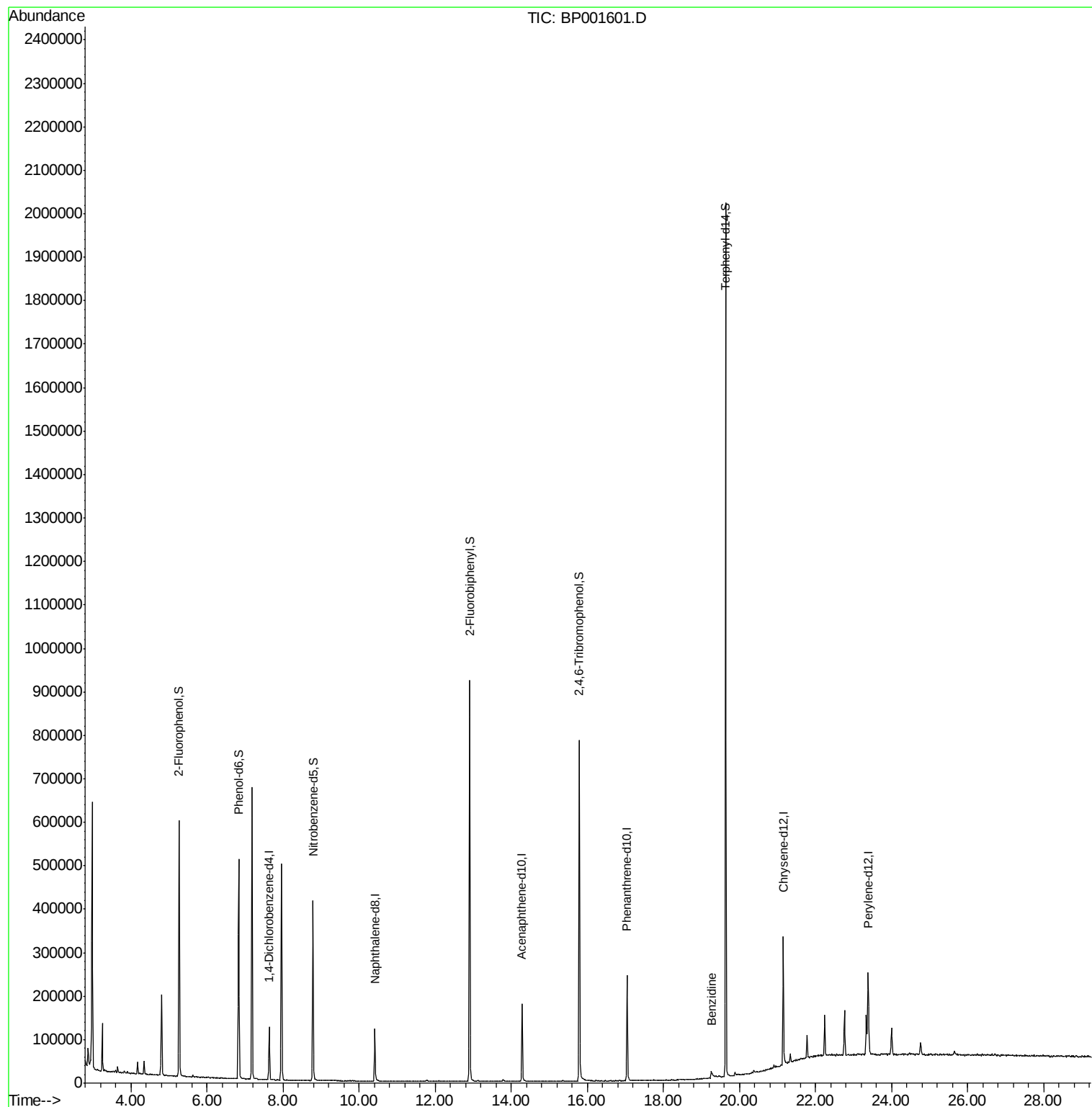
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	25570	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	87363	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	59025	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	144050	20.00	ng	0.00
76) Chrysene-d12	21.15	240	142786	20.00	ng	-0.01
87) Perylene-d12	23.38	264	148422	20.00	ng	-0.01
System Monitoring Compounds						
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						
77) Benzidine	19.26	184	19322	5.926	ng	Qvalue # 94

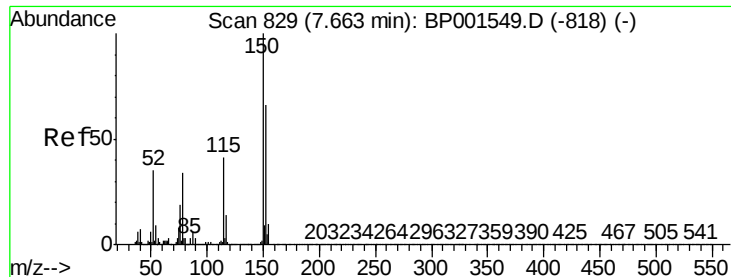
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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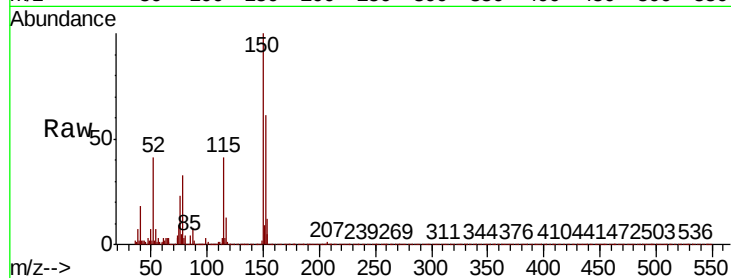


#1

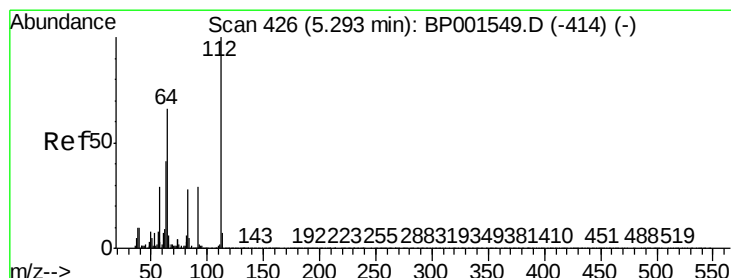
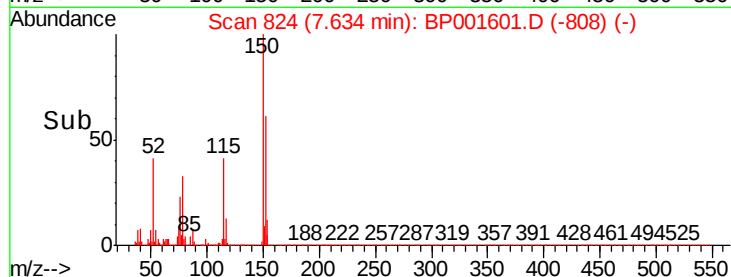
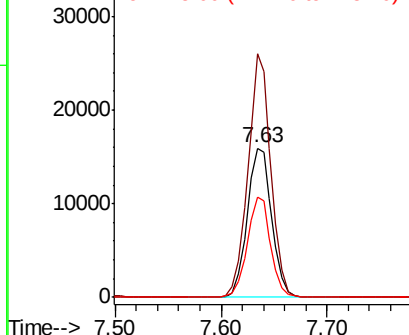
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001601.D
Acq: 14 Jan 2020 22:55

Instrument :
BNA_P
ClientSampleId :
CIY1-WC-SB-BC-04

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



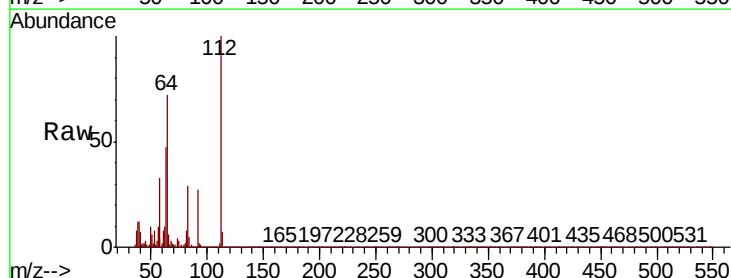
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



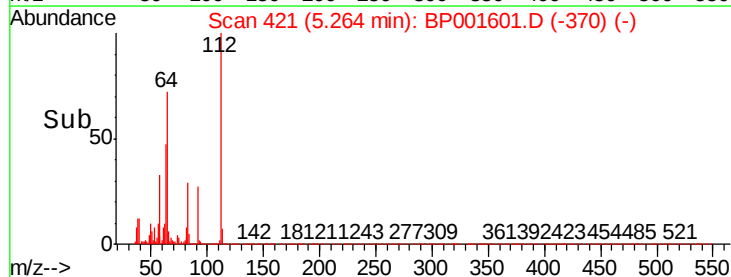
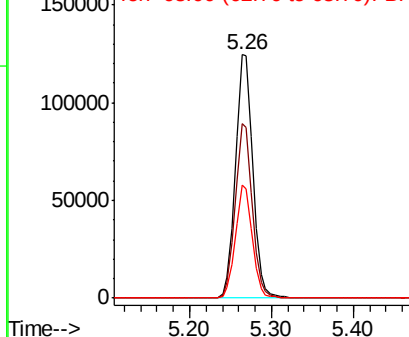
#5

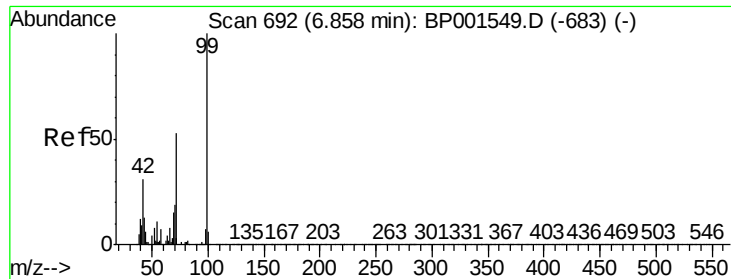
2-Fluorophenol
Concen: 141.519 ng
RT: 5.26 min Scan# 421
Delta R.T. 0.00 min
Lab File: BP001601.D
Acq: 14 Jan 2020 22:55

Tgt 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): E
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

Instrument :

BNA_P

ClientSampleId :

CIY1-WC-SB-BC-04

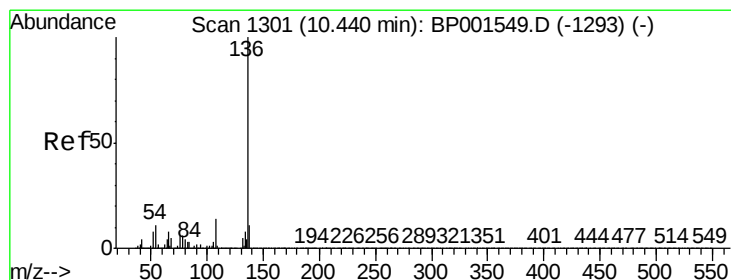
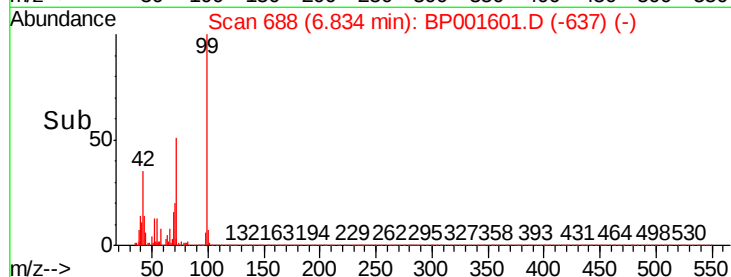
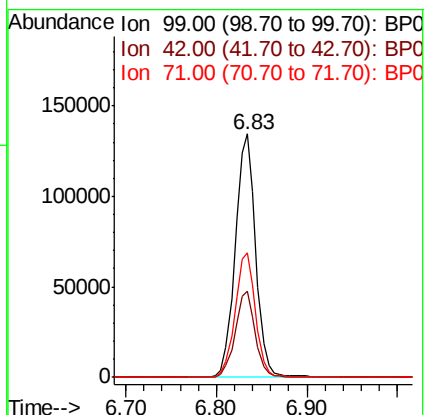
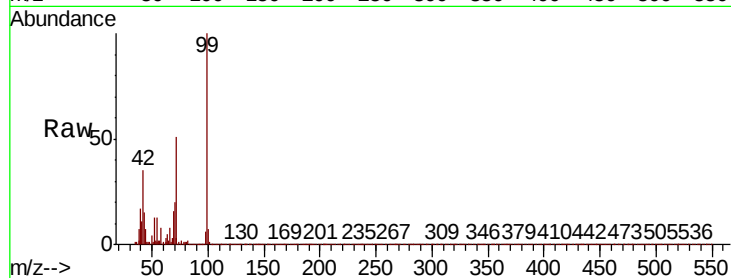
Tot Ion: 99 Resp: 212160

Ion Ratio Lower Upper

99 100

42 35.3 24.5 36.7

71 51.0 42.4 63.6



#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

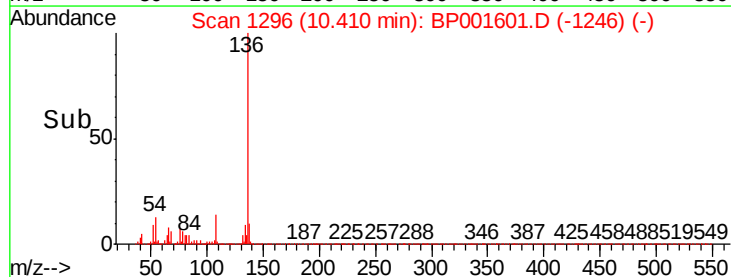
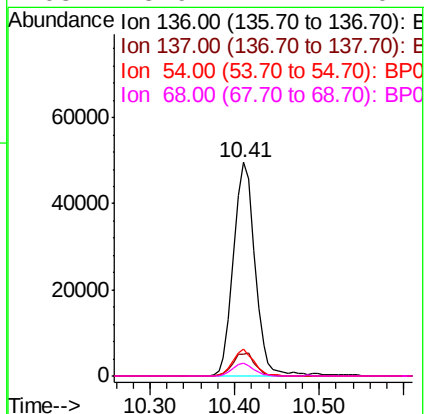
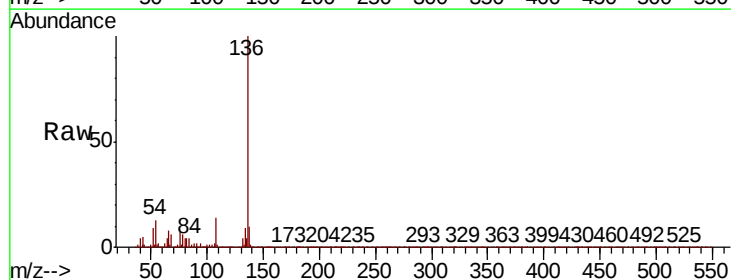
Ion Ratio Lower Upper

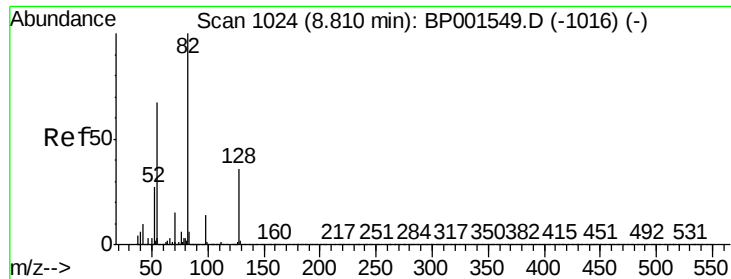
136 100

137 10.4 8.6 12.8

54 12.7 9.2 13.8

68 5.9 4.1 6.1

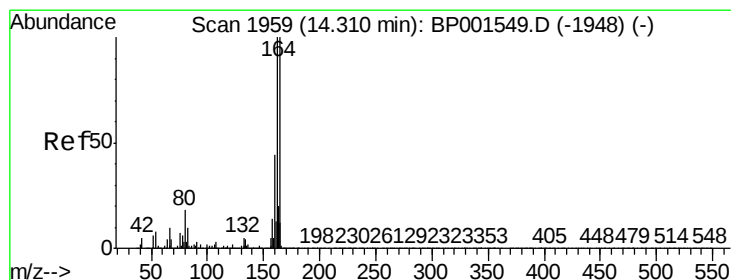
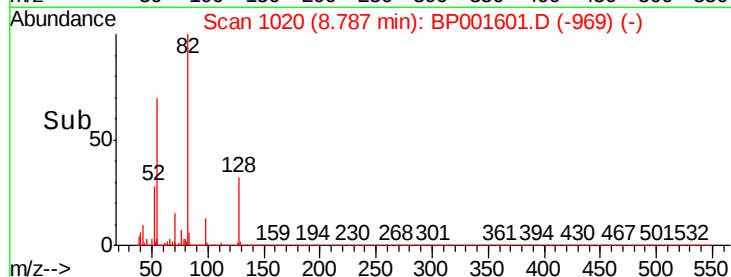
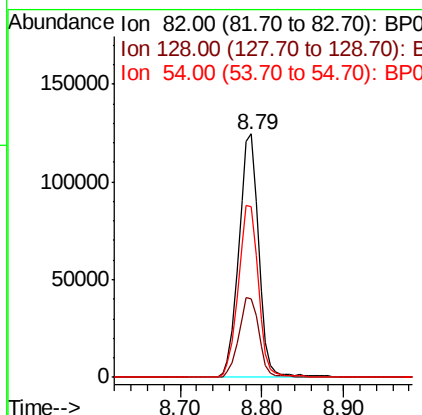
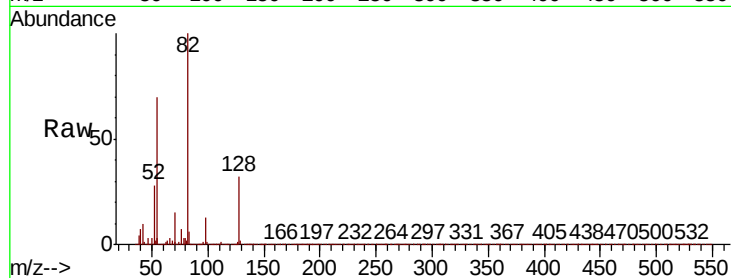




#23
Nitrobenzene-d5
Concen: 105.127 ng
RT: 8.79 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BP001601.D
Acq: 14 Jan 2020 22:55

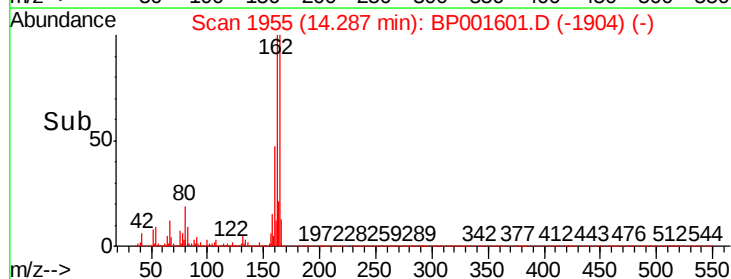
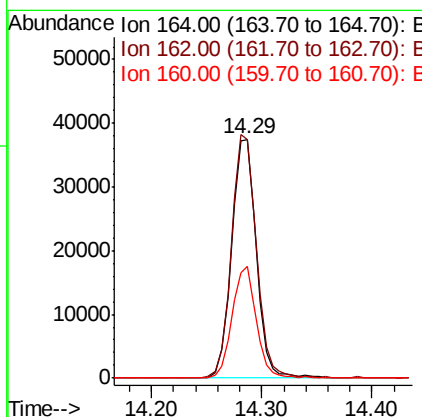
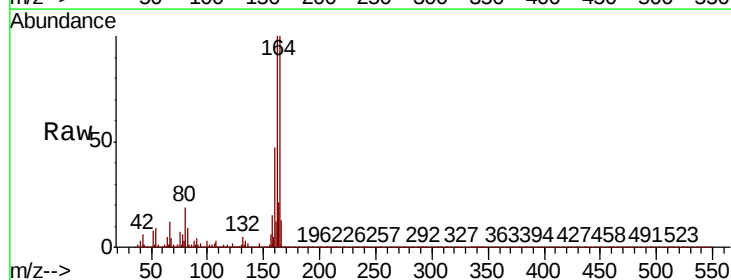
Instrument :
BNA_P
ClientSampleId :
CIY1-WC-SB-BC-04

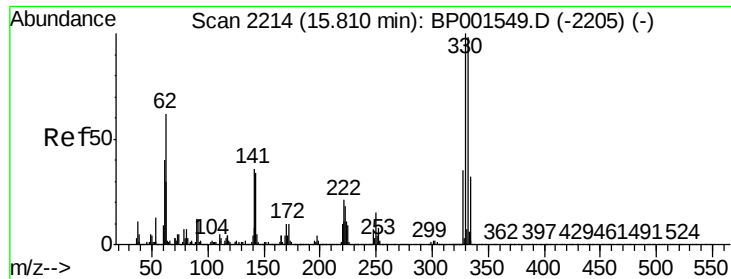
Tot Ion	82	Resp	210177
Ion	Ratio	Lower	Upper
82	100		
128	32.1	28.4	42.6
54	70.1	53.4	80.2



#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

Tgt Ion	164	Resp	59025
Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.8	119.6
160	46.9	35.0	52.6

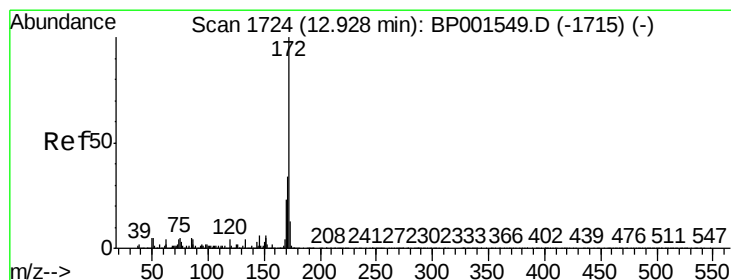
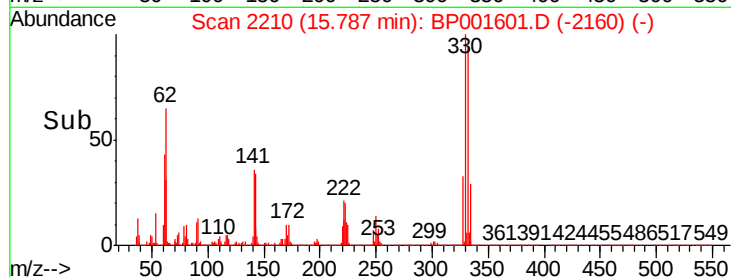
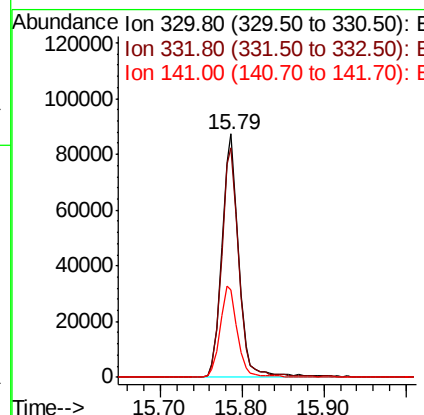
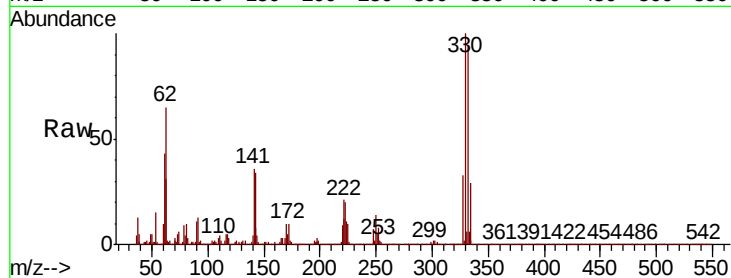




#42
2,4,6-Tribromophenol
Concen: 140.160 ng
RT: 15.79 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BP001601.D
Acq: 14 Jan 2020 22:55

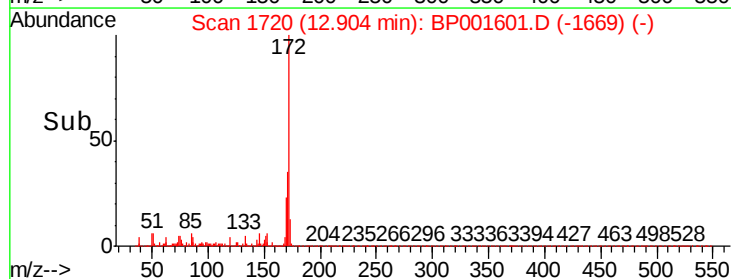
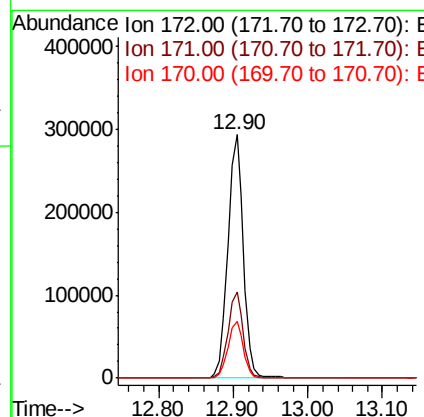
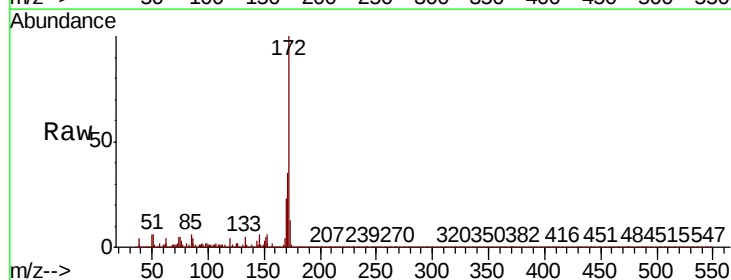
Instrument :
BNA_P
ClientSampleId :
CIY1-WC-SB-BC-04

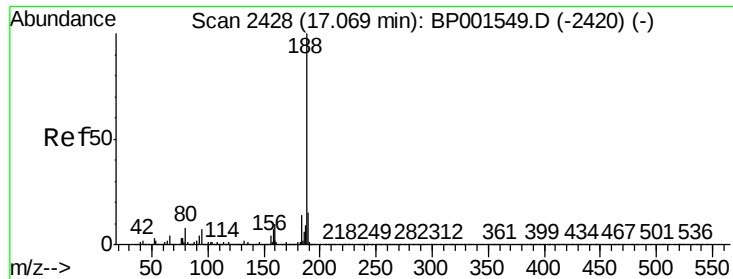
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.8	116.6
141	38.5	28.7	43.1



#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

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

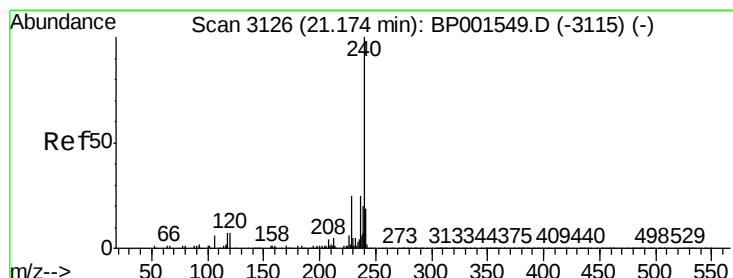
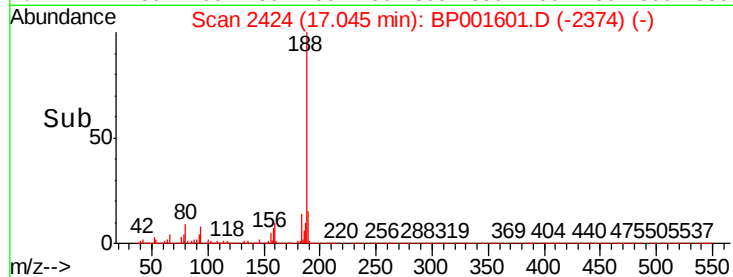
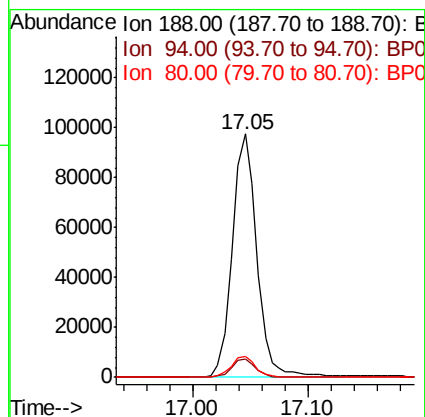
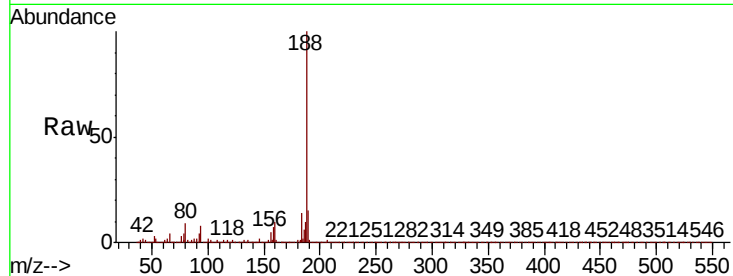




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BP001601.D
Acq: 14 Jan 2020 22:55

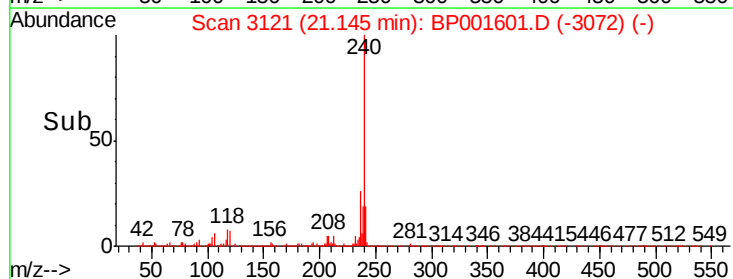
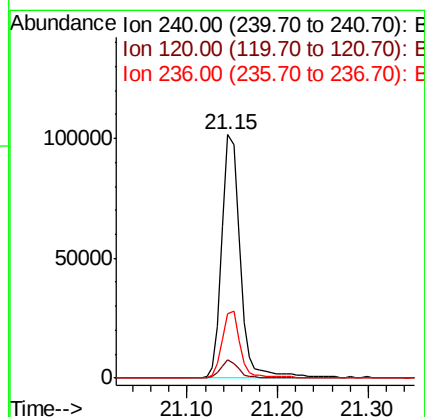
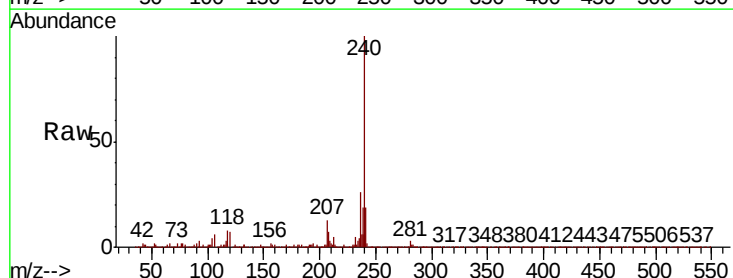
Instrument :
BNA_P
ClientSampleId :
CIY1-WC-SB-BC-04

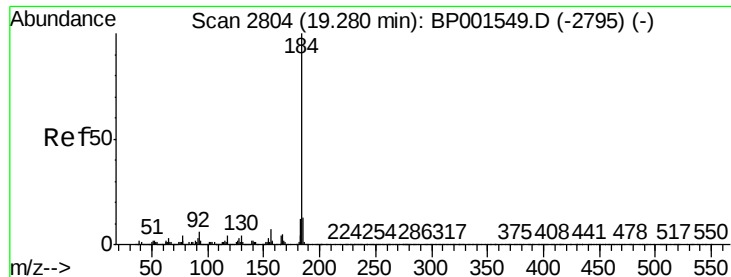
Tot Ion:188 Resp: 144050
Ion Ratio Lower Upper
188 100
94 7.8 5.9 8.9
80 8.6 6.8 10.2



#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

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





#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

Instrument :

BNA_P

ClientSampleId :

CIY1-WC-SB-BC-04

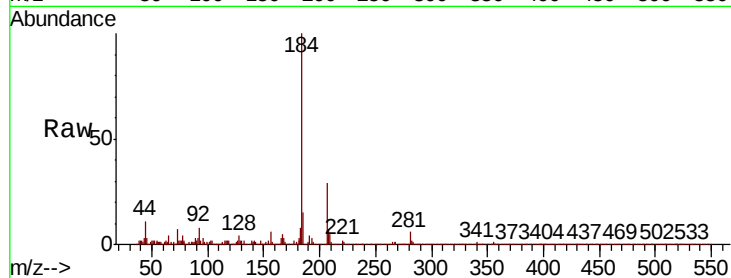
Tot Ion:184 Resp: 19322

Ion Ratio Lower Upper

184 100

185 14.8 10.6 16.0

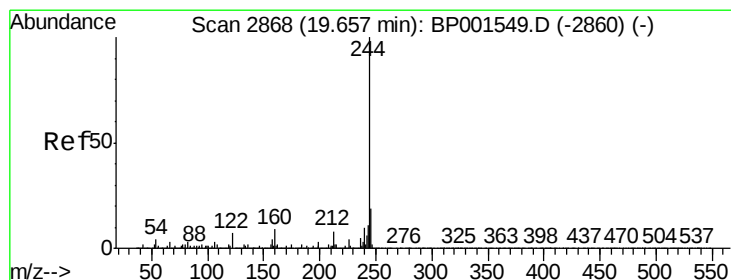
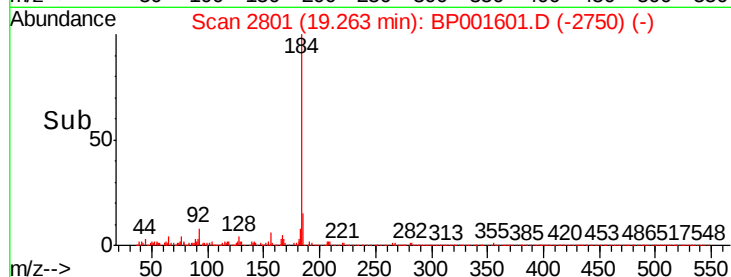
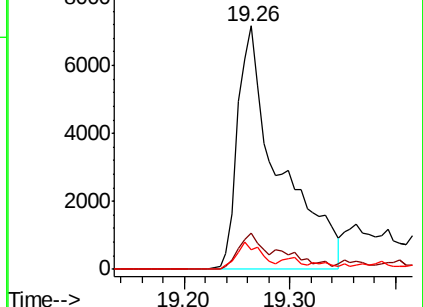
183 8.2 9.4 14.0#



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

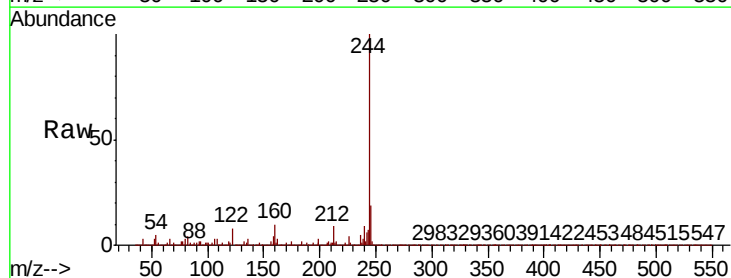
Tgt Ion:244 Resp: 876394

Ion Ratio Lower Upper

244 100

212 8.6 6.3 9.5

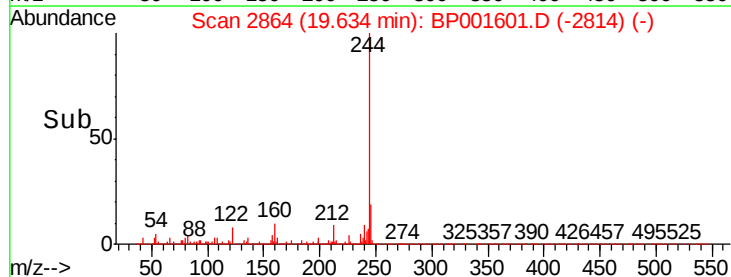
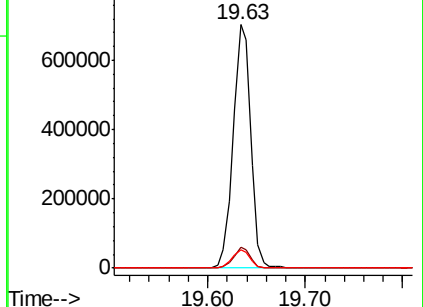
122 7.6 5.8 8.6

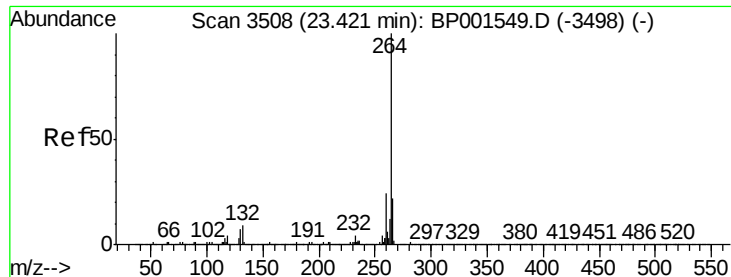


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

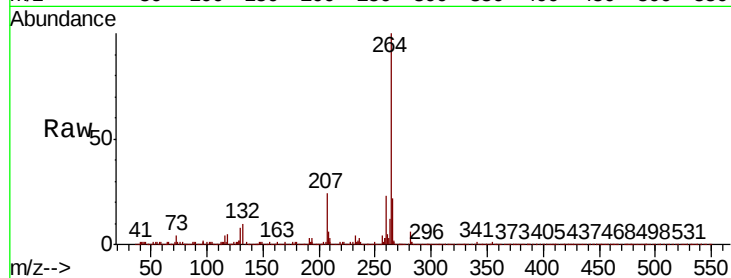




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BP001601.D
Acq: 14 Jan 2020 22:55

Instrument :
BNA_P
ClientSampleId :
CIY1-WC-SB-BC-04

Tot 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

