

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001602.D
 Acq On : 14 Jan 2020 23:28
 Operator : JU
 Sample : L1106-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CIY1-WC-SB-02-03

Quant Time: Jan 15 00:52:20 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	24313	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	82747	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	57724	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	139402	20.00	ng	0.00
76) Chrysene-d12	21.14	240	136998	20.00	ng	-0.01
87) Perylene-d12	23.37	264	145592	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	175722	141.58	ng	0.00
7) Phenol-d6	6.83	99	203031	102.35	ng	0.00
23) Nitrobenzene-d5	8.78	82	201700	106.51	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	117641	133.88	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	410568	104.57	ng	0.00
79) Terphenyl-d14	19.63	244	868148	115.90	ng	0.00

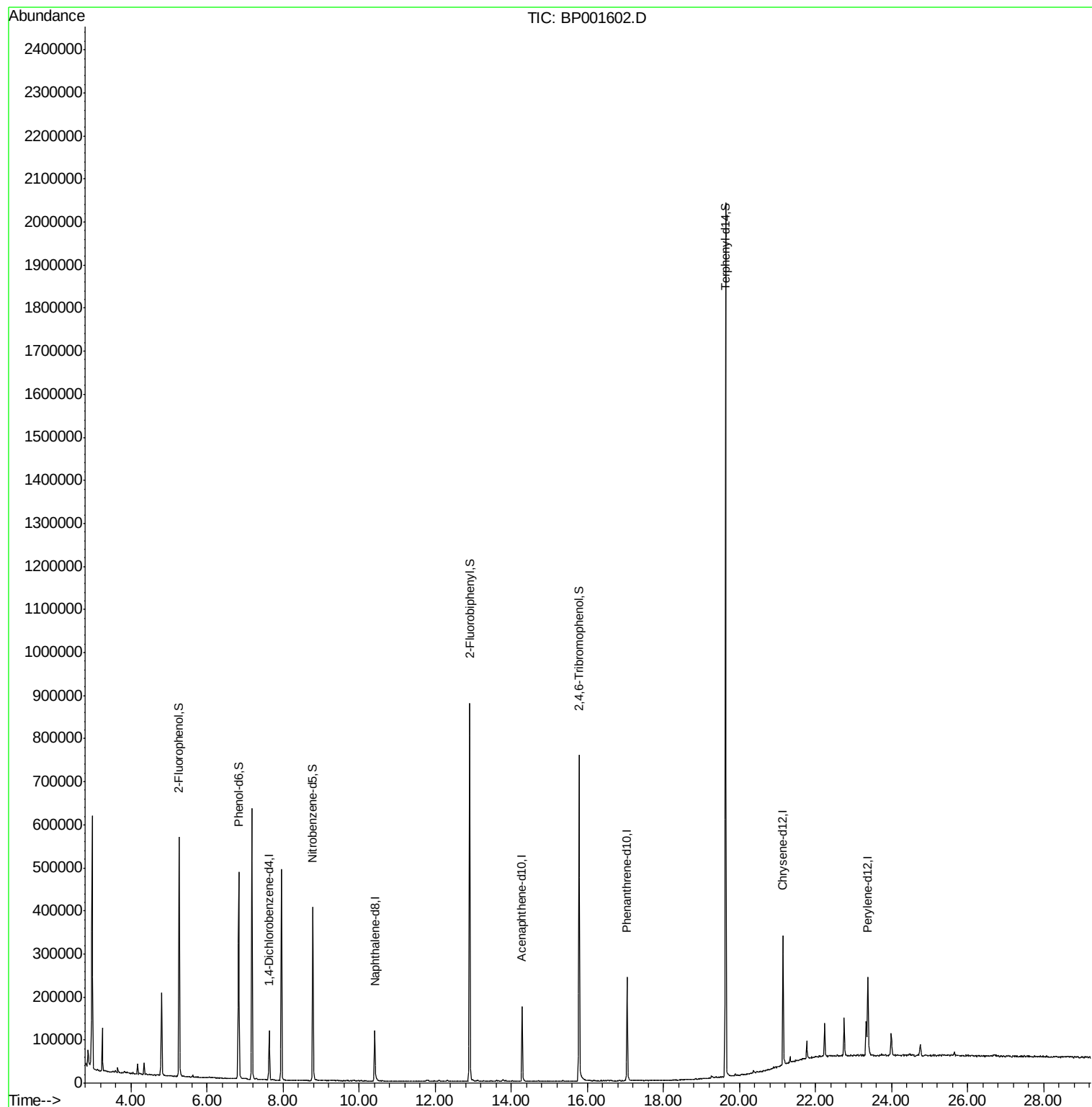
Target Compounds Qvalue

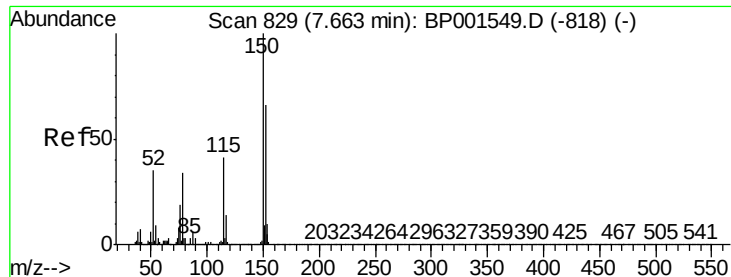
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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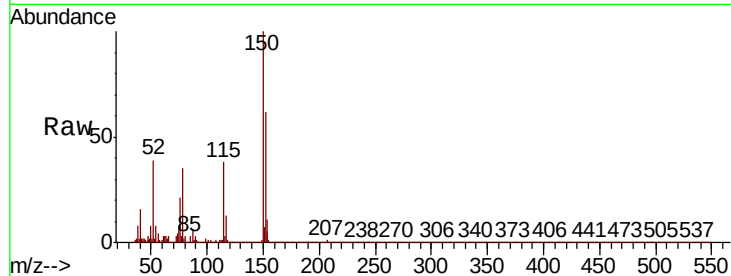


#1

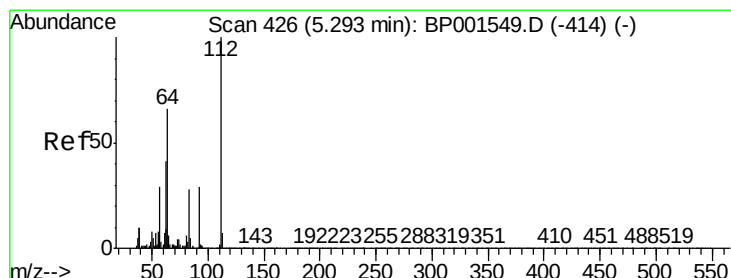
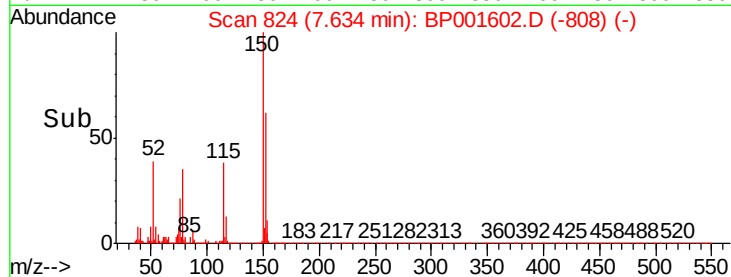
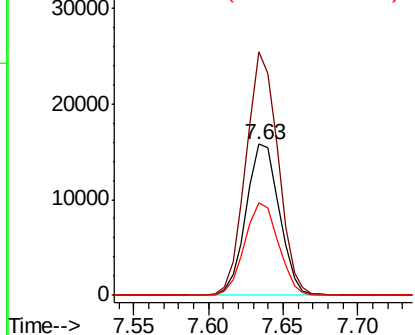
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001602.D
Acq: 14 Jan 2020 23:28

Instrument :
BNA_P
ClientSampleId :
CIY1-WC-SB-02-03

Tot Ion:152 Resp: 24313
Ion Ratio Lower Upper
152 100
150 161.0 122.0 183.0
115 61.1 50.7 76.1



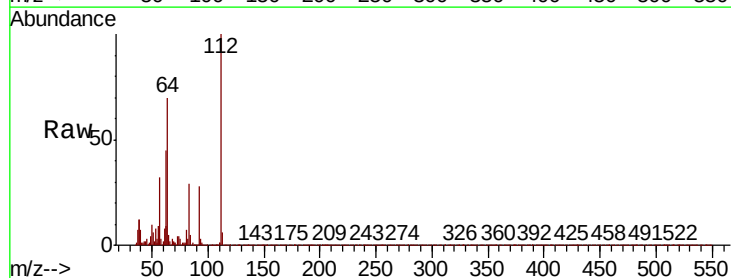
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



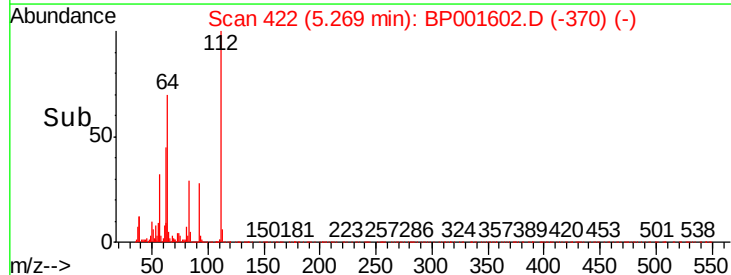
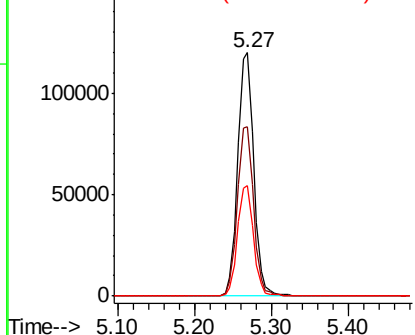
#5

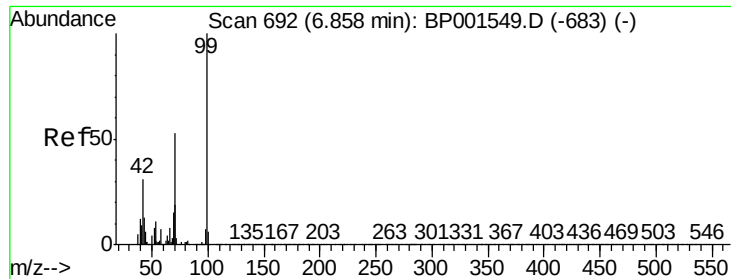
2-Fluorophenol
Concen: 141.579 ng
RT: 5.27 min Scan# 422
Delta R.T. 0.01 min
Lab File: BP001602.D
Acq: 14 Jan 2020 23:28

Tgt Ion:112 Resp: 175722
Ion Ratio Lower Upper
112 100
64 69.5 52.8 79.2
63 45.3 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: 102.355 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.00 min

Lab File: BP001602.D

Acq: 14 Jan 2020 23:28

Instrument :

BNA_P

ClientSampleId :

CIY1-WC-SB-02-03

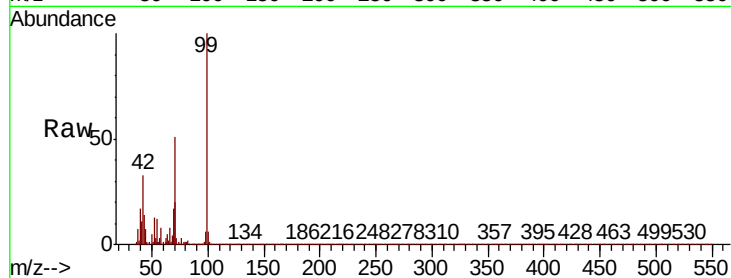
Tot Ion: 99 Resp: 203031

Ion Ratio Lower Upper

99 100

42 33.2 24.5 36.7

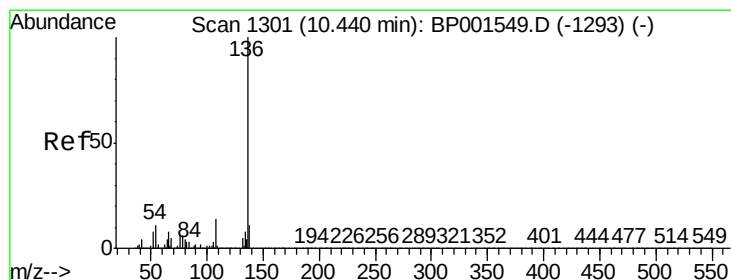
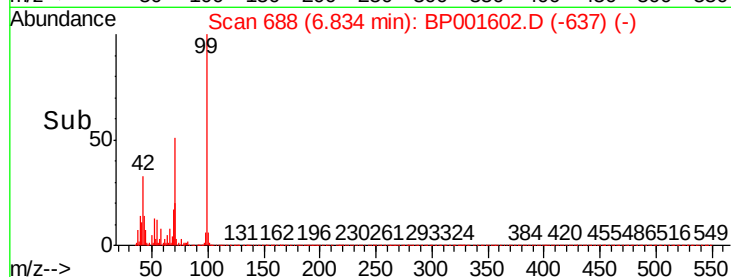
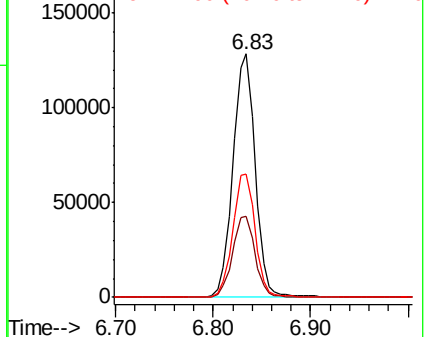
71 50.6 42.4 63.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.41 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BP001602.D

Acq: 14 Jan 2020 23:28

Tgt Ion: 136 Resp: 82747

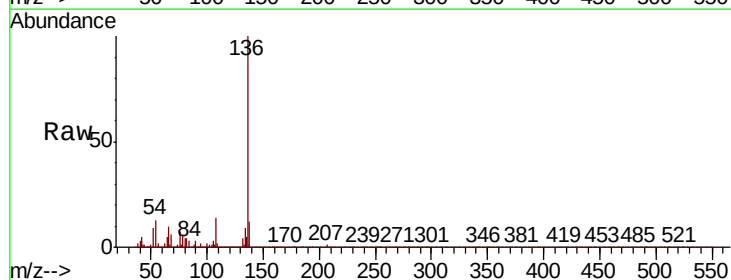
Ion Ratio Lower Upper

136 100

137 11.9 8.6 12.8

54 13.4 9.2 13.8

68 6.3 4.1 6.1#

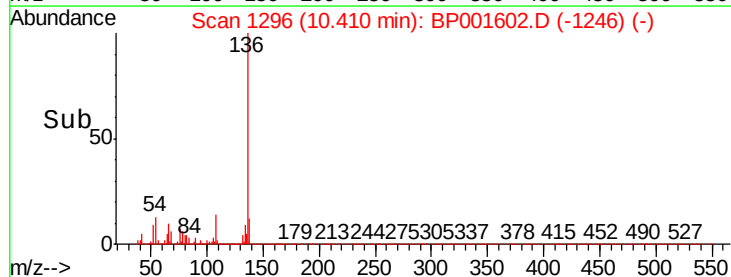
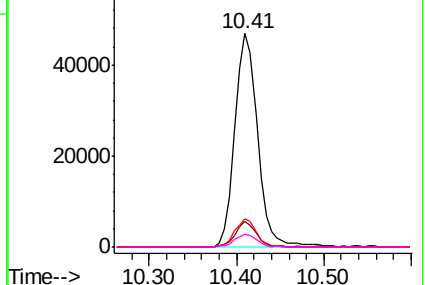


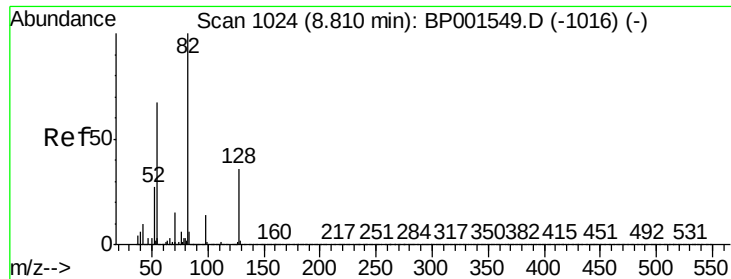
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

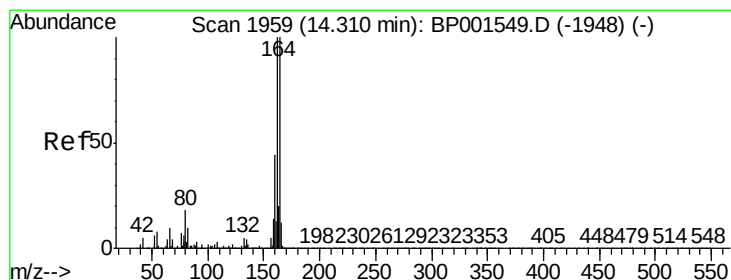
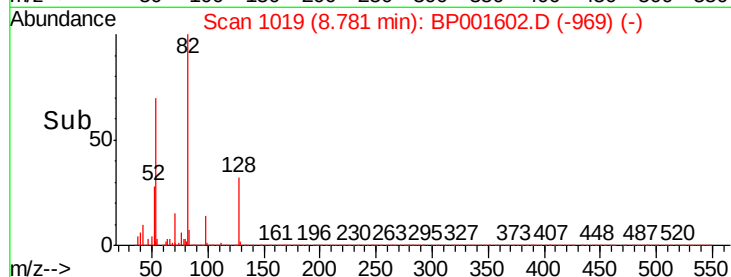
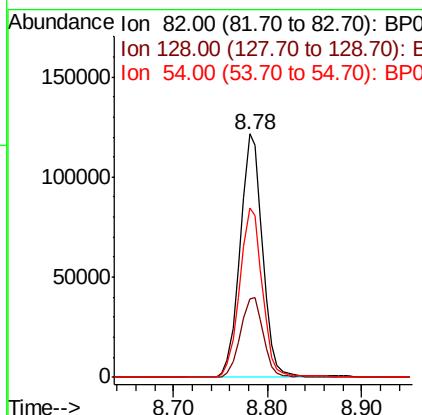
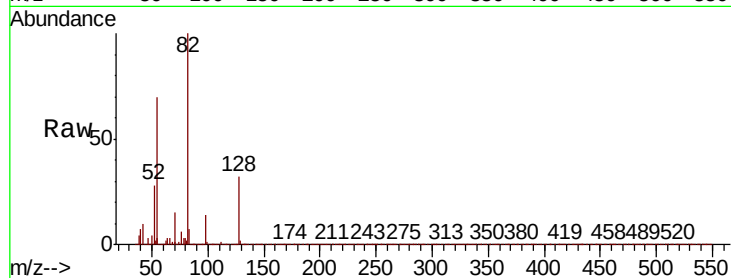




#23
Nitrobenzene-d5
Concen: 106.515 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001602.D
Acq: 14 Jan 2020 23:28

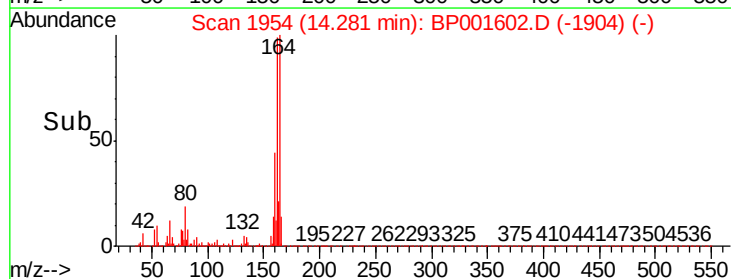
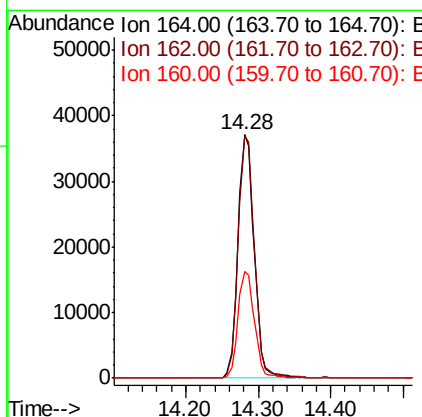
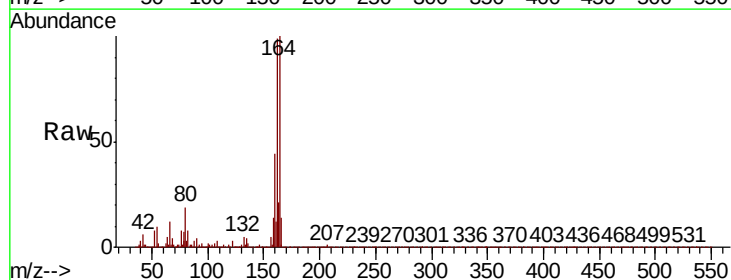
Instrument :
BNA_P
ClientSampleId :
CIY1-WC-SB-02-03

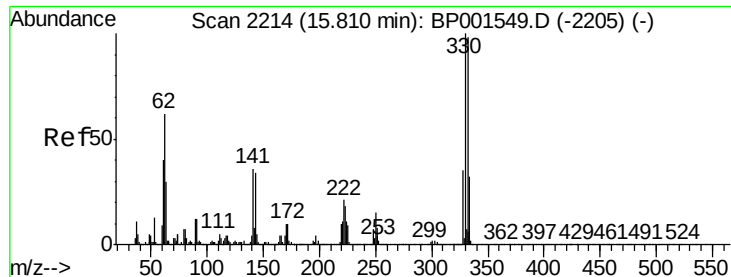
Tot Ion	82	Resp	201700
Ion Ratio	Lower	Upper	
82	100		
128	32.4	28.4	42.6
54	69.6	53.4	80.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001602.D
Acq: 14 Jan 2020 23:28

Tgt Ion	164	Resp	57724
Ion Ratio	Lower	Upper	
164	100		
162	99.5	79.8	119.6
160	43.9	35.0	52.6





#42

2,4,6-Tribromophenol

Concen: 133.885 ng

RT: 15.79 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BP001602.D

Acq: 14 Jan 2020 23:28

Instrument :

BNA_P

ClientSampleId :

CIY1-WC-SB-02-03

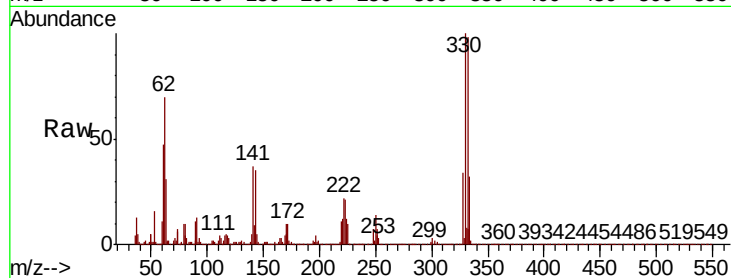
Tot Ion:330 Resp: 117641

Ion Ratio Lower Upper

330 100

332 97.7 77.8 116.6

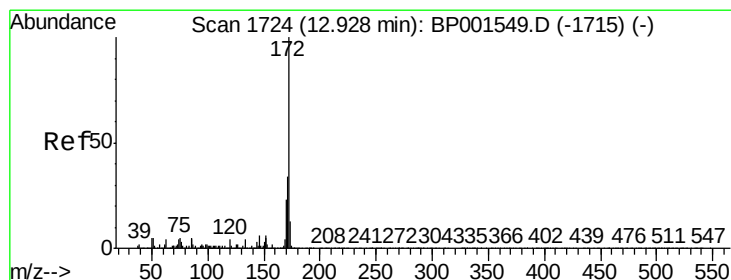
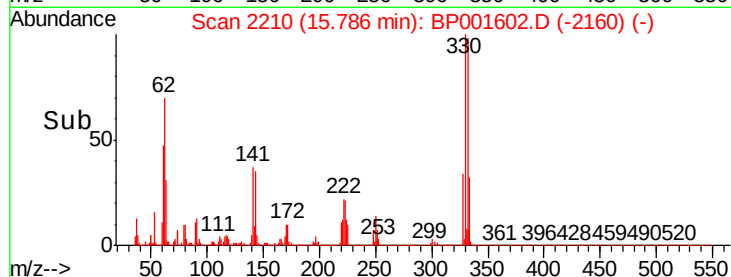
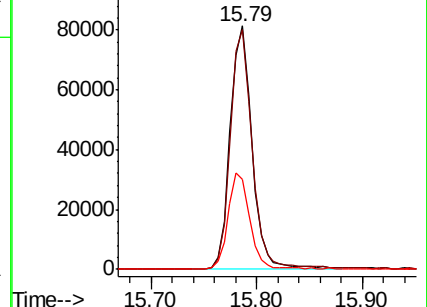
141 39.3 28.7 43.1



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: 104.575 ng

RT: 12.90 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BP001602.D

Acq: 14 Jan 2020 23:28

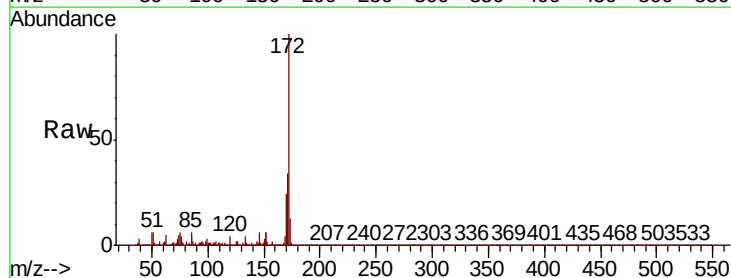
Tgt Ion:172 Resp: 410568

Ion Ratio Lower Upper

172 100

171 34.3 27.6 41.4

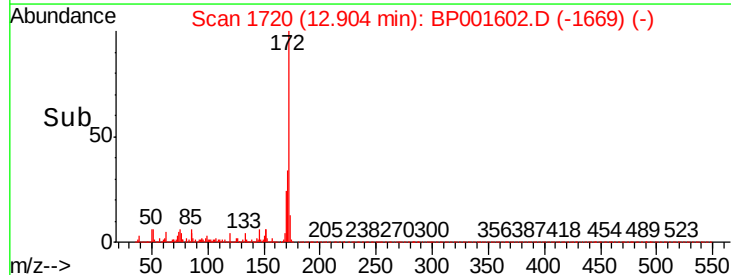
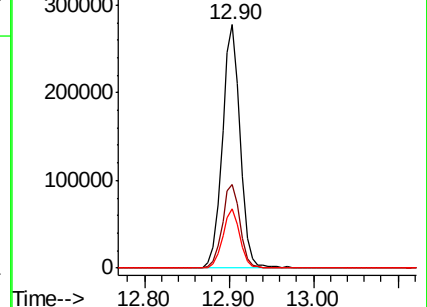
170 24.1 18.3 27.5

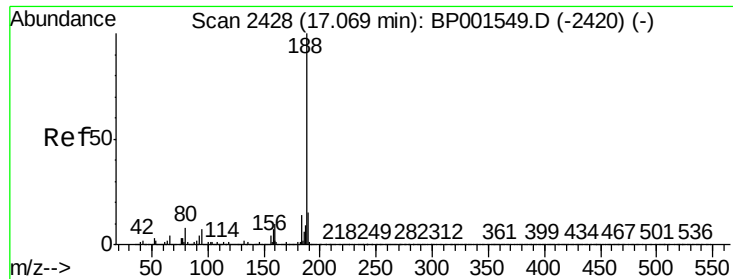


Abundance Ion 172.00 (171.70 to 172.70): E

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: BP001602.D

Acq: 14 Jan 2020 23:28

Instrument :

BNA_P

ClientSampleId :

CIY1-WC-SB-02-03

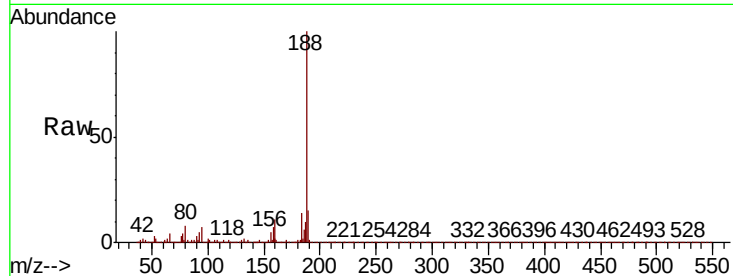
Tot Ion:188 Resp: 139402

Ion Ratio Lower Upper

188 100

94 6.6 5.9 8.9

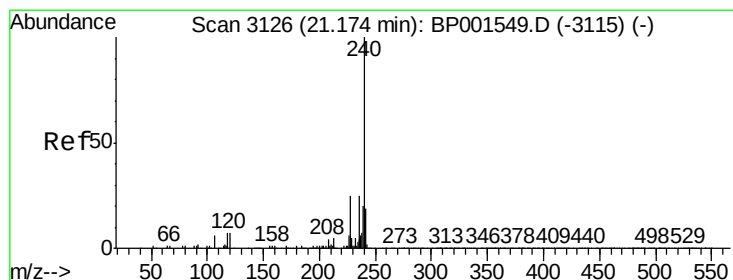
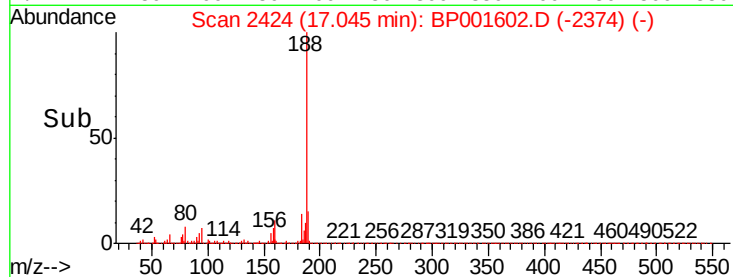
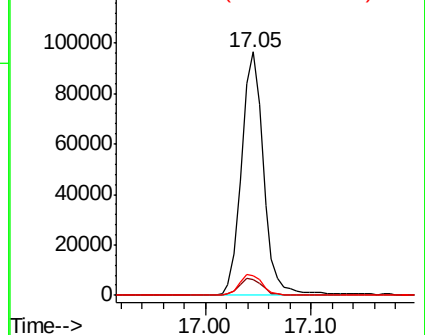
80 8.2 6.8 10.2



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: 21.14 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BP001602.D

Acq: 14 Jan 2020 23:28

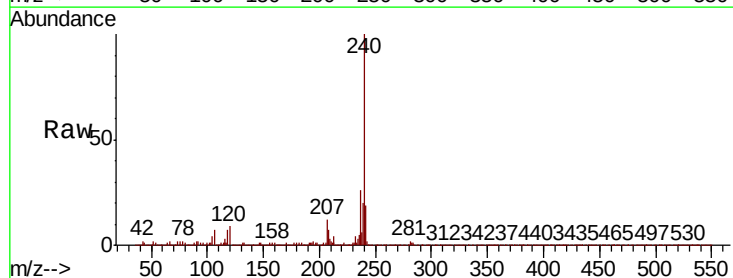
Tgt Ion:240 Resp: 136998

Ion Ratio Lower Upper

240 100

120 8.6 5.7 8.5#

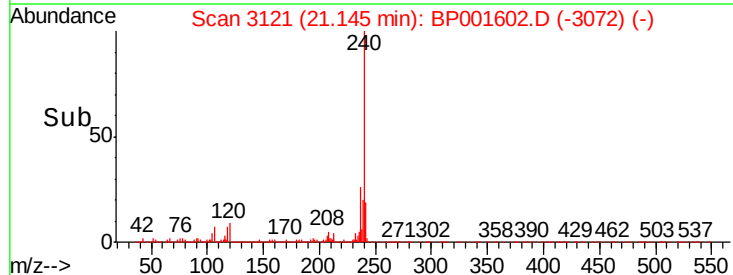
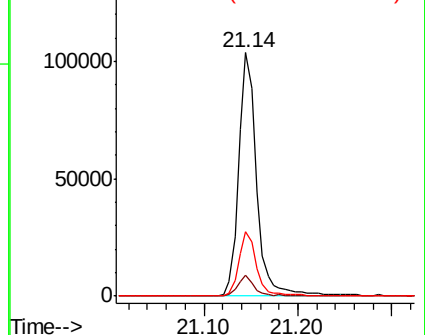
236 26.2 20.4 30.6

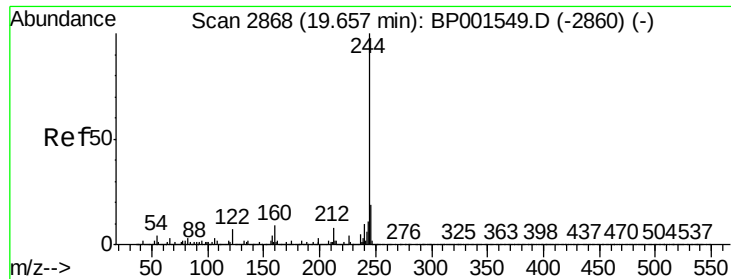


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 115.905 ng

RT: 19.63 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BP001602.D

Acq: 14 Jan 2020 23:28

Instrument :

BNA_P

ClientSampleId :

CIY1-WC-SB-02-03

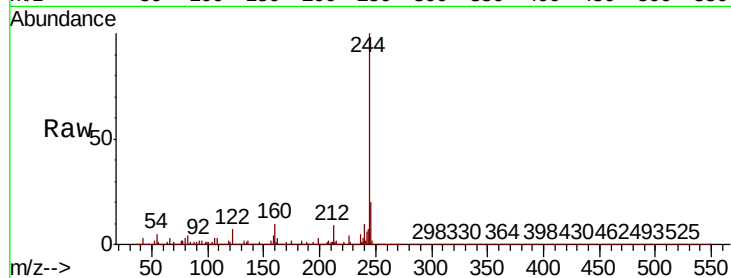
Tot Ion:244 Resp: 868148

Ion Ratio Lower Upper

244 100

212 8.6 6.3 9.5

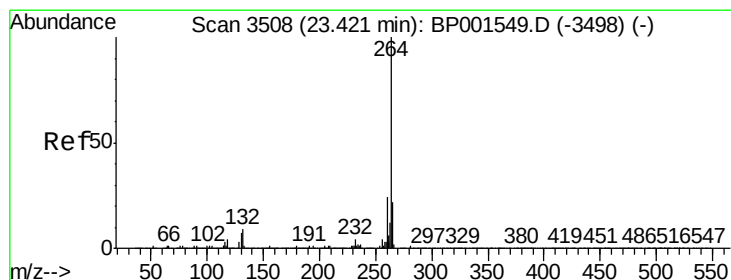
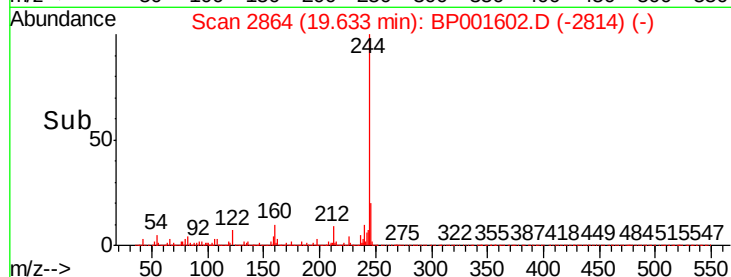
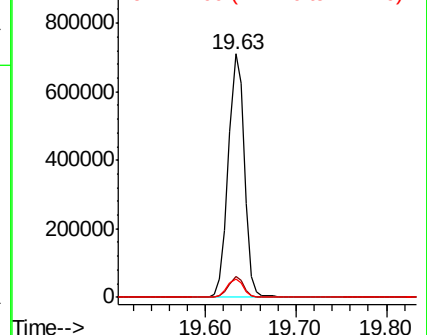
122 7.4 5.8 8.6



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: 23.37 min Scan# 3500

Delta R.T. -0.02 min

Lab File: BP001602.D

Acq: 14 Jan 2020 23:28

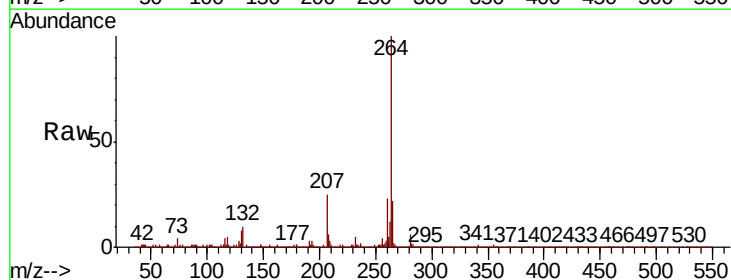
Tgt Ion:264 Resp: 145592

Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.6

265 22.2 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

