

Data File : BP001588.D
Acq On : 09 Jan 2020 20:12
Operator : JU
Sample : L1060-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

Quant Time: Jan 10 05:10:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 15:02:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	47300	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	182487	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	124522	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	275486	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	177970	20.00	ng	0.00
87) Perylene-d12	23.47	264	180357	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	222875	92.30	ng	0.00
7) Phenol-d6	6.85	99	326018	84.48	ng	0.00
23) Nitrobenzene-d5	8.80	82	231842	55.52	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	139653	73.68	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	441536	52.13	ng	-0.01
79) Terphenyl-d14	19.64	244	549944	56.52	ng	-0.01

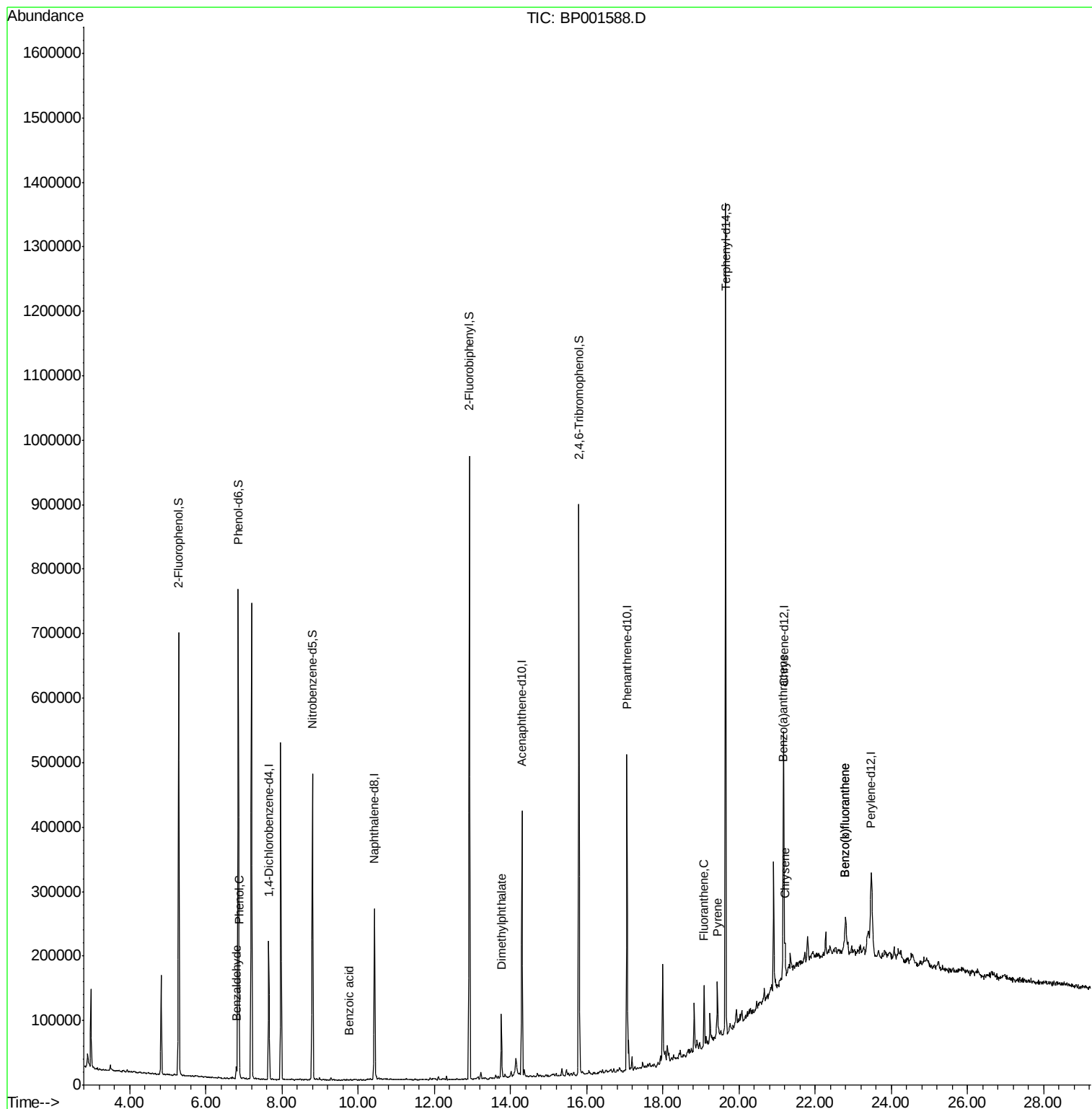
Target Compounds				Qvalue		
9) Benzaldehyde	6.80	77	5878	2.550	ng	94
10) Phenol	6.87	94	9853	2.468	ng	81
32) Benzoic acid	9.77	122	38	4.719	ng	# 1
50) Dimethylphthalate	13.76	163	53720	5.238	ng	98
75) Fluoranthene	19.08	202	55303	2.805	ng	98
78) Pyrene	19.43	202	52516	4.017	ng	97
81) Benzo(a)anthracene	21.16	228	25125	2.027	ng	# 86
83) Chrysene	21.21	228	27889	2.309	ng	# 87
88) Benzo(b)fluoranthene	22.79	252	41749	3.673	ng	# 82
89) Benzo(k)fluoranthene	22.79	252	41749	3.768	ng	# 83

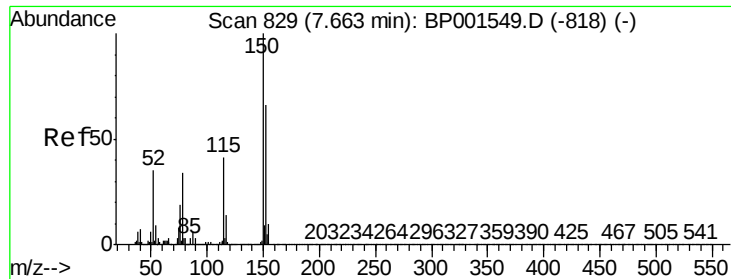
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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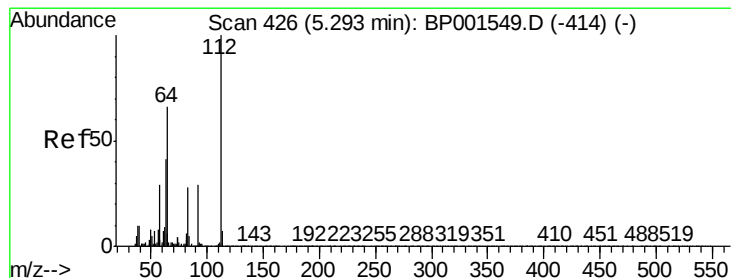
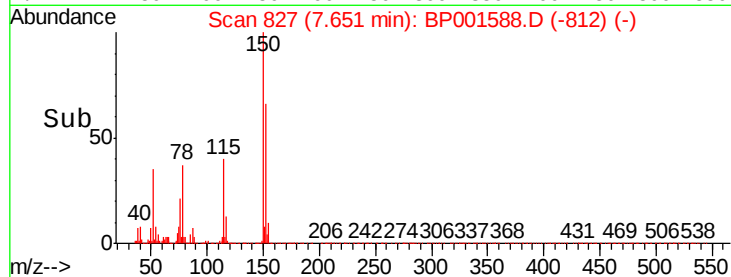
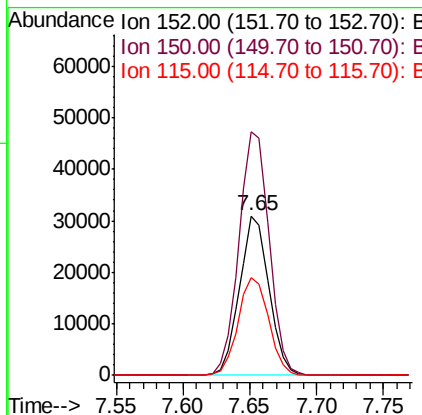
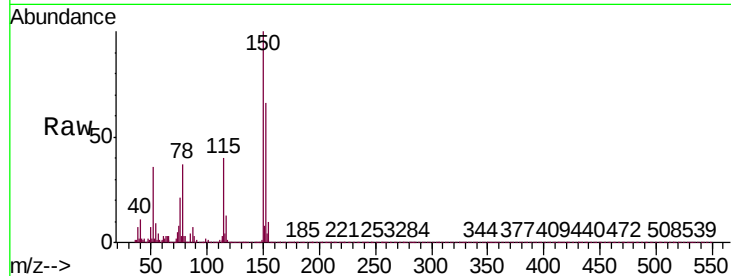


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 827
Delta R.T. -0.01 min
Lab File: BP001588.D
Acq: 09 Jan 2020 20:12

Instrument :
BNA_P
ClientSampleId :
TP-3

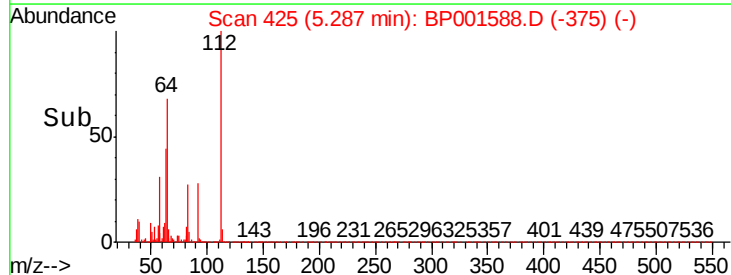
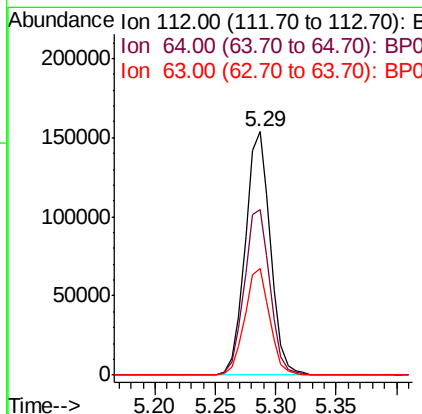
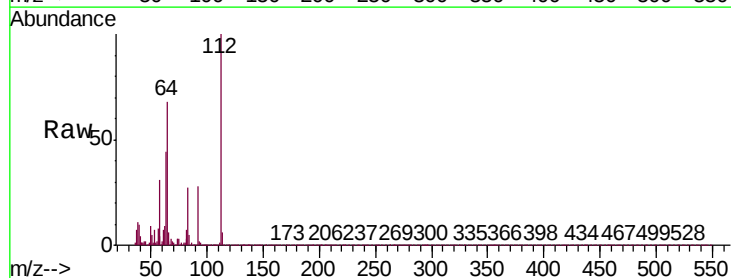
Tgt Ion:152 Resp: 47300
Ion Ratio Lower Upper
152 100
150 152.5 122.0 183.0
115 61.4 50.7 76.1

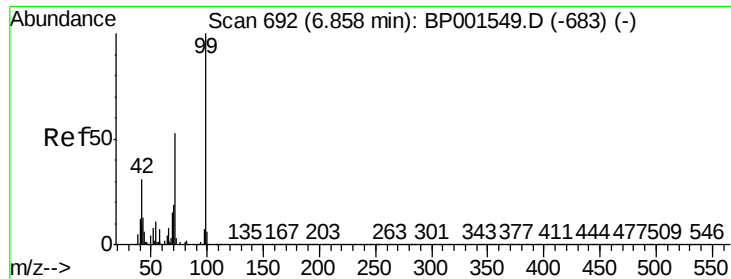


#5

2-Fluorophenol
Concen: 92.302 ng
RT: 5.29 min Scan# 425
Delta R.T. -0.01 min
Lab File: BP001588.D
Acq: 09 Jan 2020 20:12

Tgt Ion:112 Resp: 222875
Ion Ratio Lower Upper
112 100
64 67.8 52.8 79.2
63 43.9 33.1 49.7





#7

Phenol-d6

Concen: 84.482 ng

RT: 6.85 min Scan# 691

Delta R.T. -0.01 min

Lab File: BP001588.D

Acq: 09 Jan 2020 20:12

Instrument :

BNA_P

ClientSampled :

TP-3

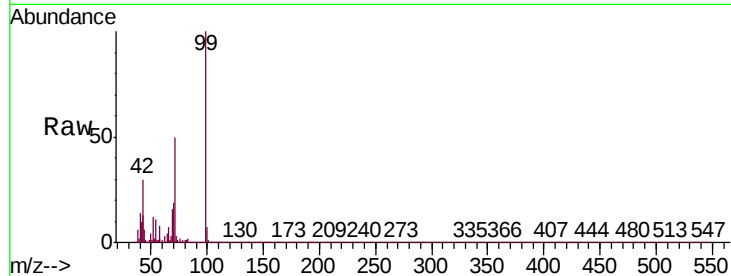
Tgt Ion: 99 Resp: 326018

Ion Ratio Lower Upper

99 100

42 30.3 24.5 36.7

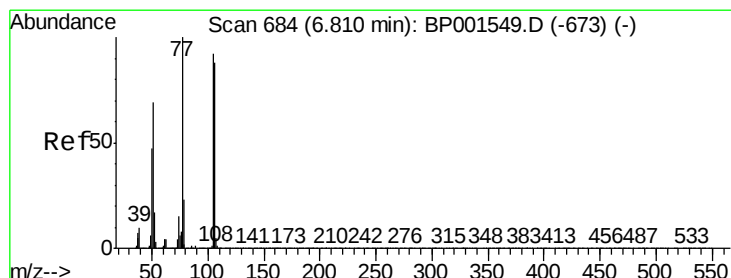
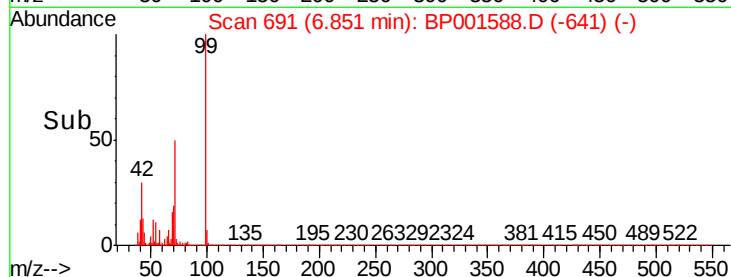
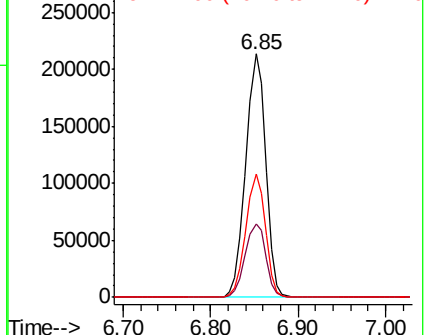
71 50.4 42.4 63.6



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



#9

Benzaldehyde

Concen: 2.550 ng

RT: 6.80 min Scan# 683

Delta R.T. -0.01 min

Lab File: BP001588.D

Acq: 09 Jan 2020 20:12

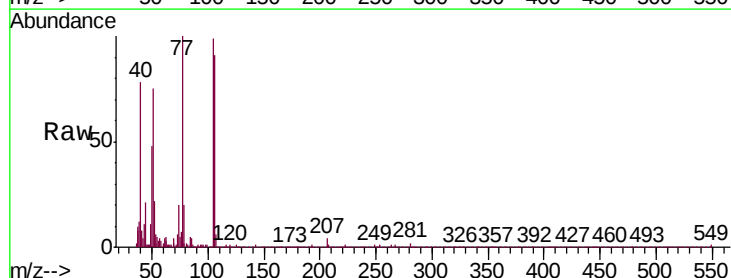
Tgt Ion: 77 Resp: 5878

Ion Ratio Lower Upper

77 100

105 99.1 71.6 111.6

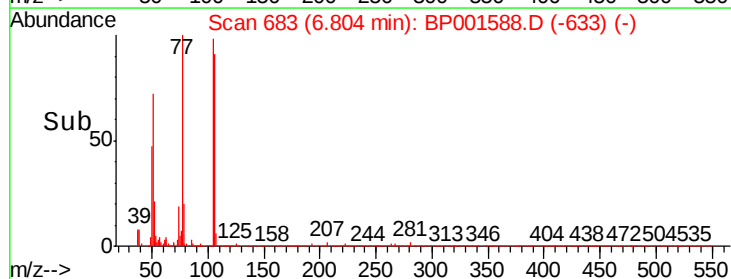
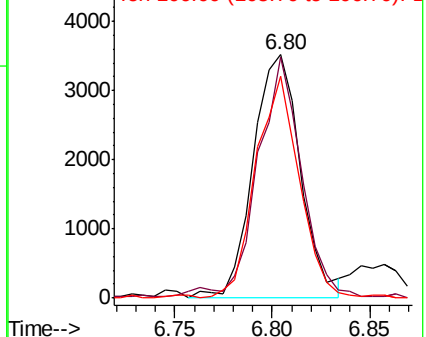
106 91.1 67.7 107.7

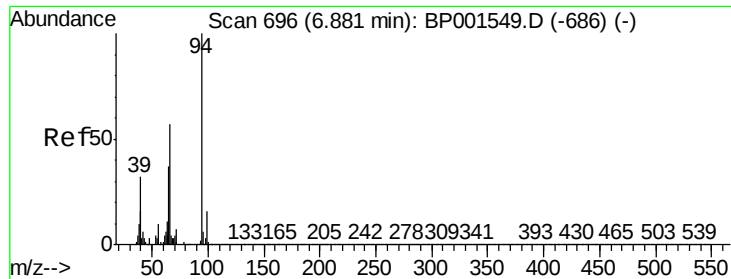


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.468 ng

RT: 6.87 min Scan# 695

Delta R.T. -0.01 min

Lab File: BP001588.D

Acq: 09 Jan 2020 20:12

Instrument :

BNA_P

ClientSampleId :

TP-3

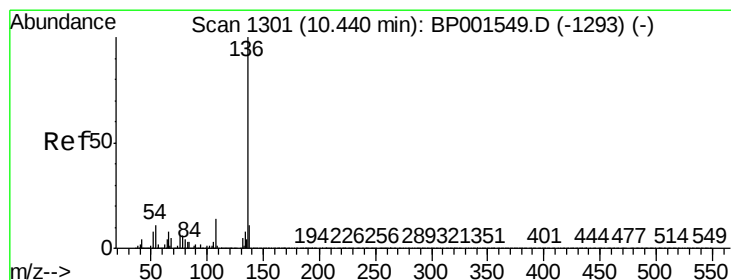
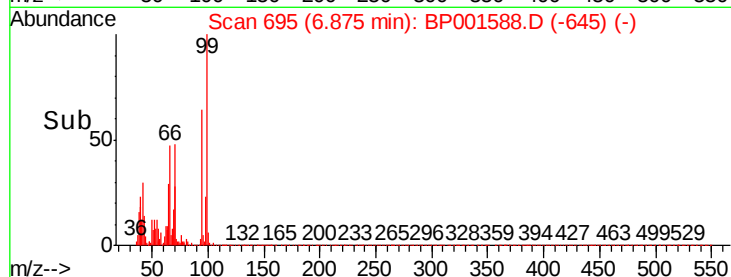
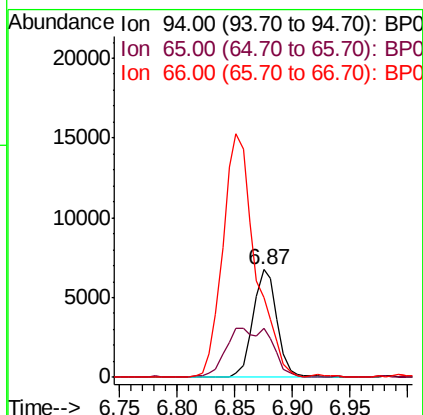
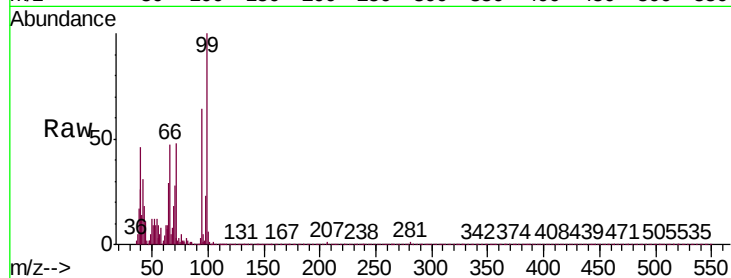
Tgt Ion: 94 Resp: 9853

Ion Ratio Lower Upper

94 100

65 45.1 17.5 57.5

66 73.6 36.7 76.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BP001588.D

Acq: 09 Jan 2020 20:12

Tgt Ion: 136 Resp: 182487

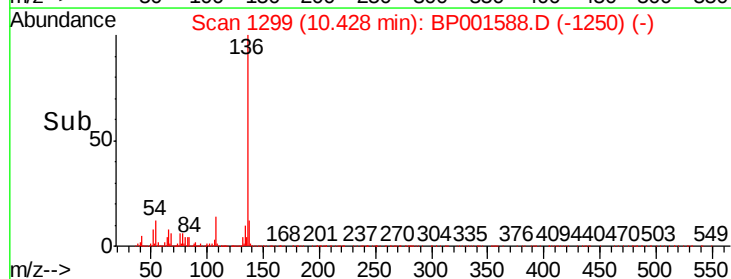
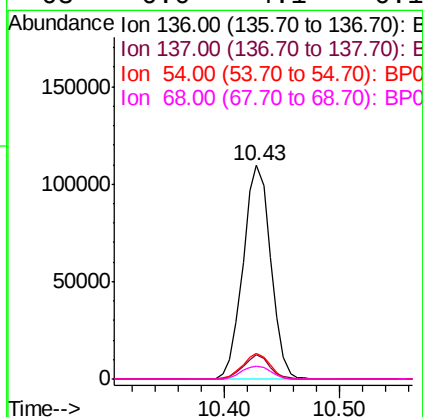
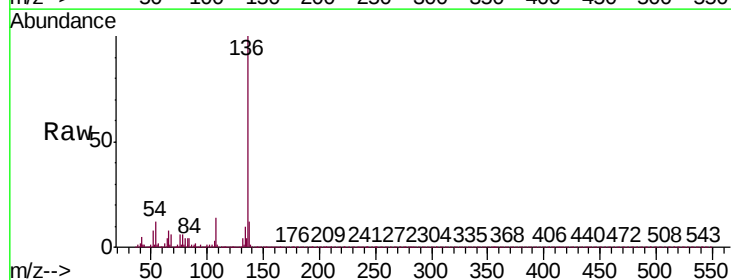
Ion Ratio Lower Upper

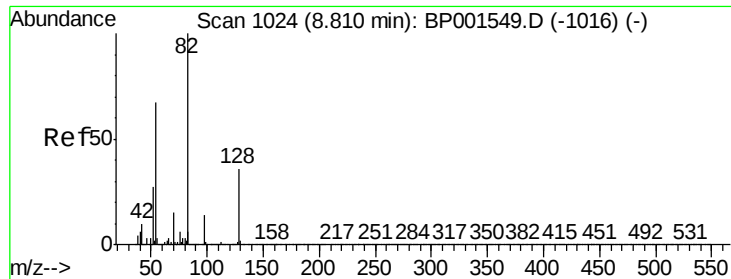
136 100

137 11.7 8.6 12.8

54 12.0 9.2 13.8

68 6.0 4.1 6.1

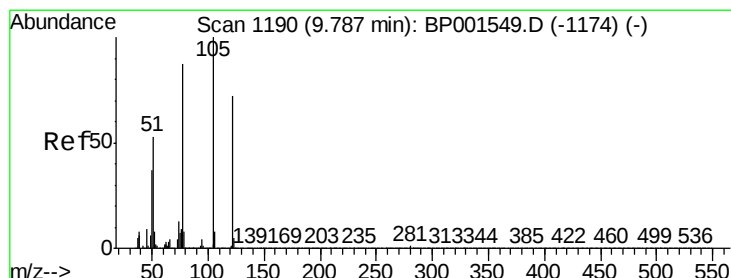
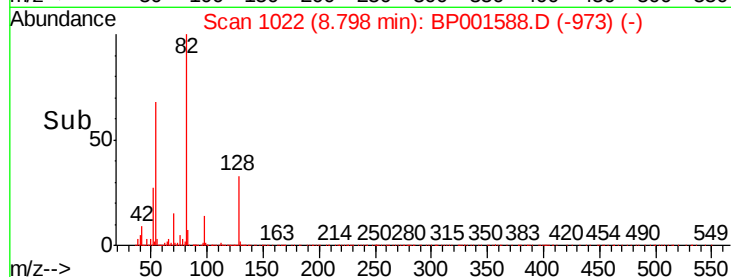
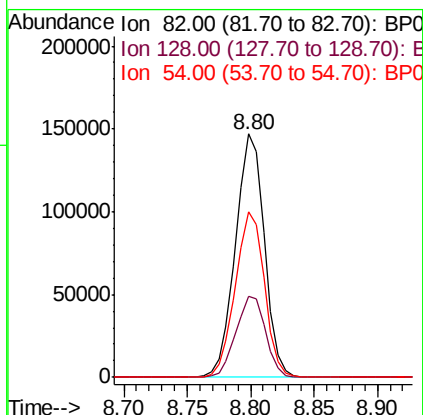
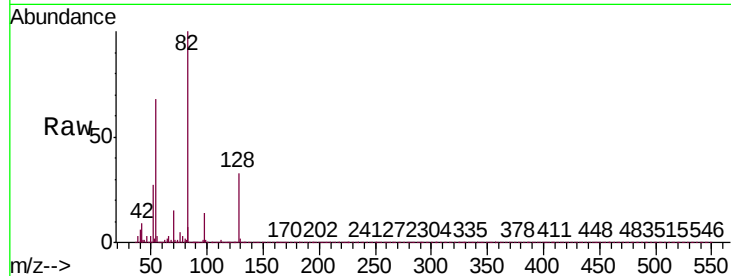




#23
 Nitrobenzene-d5
 Concen: 55.516 ng
 RT: 8.80 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BP001588.D
 Acq: 09 Jan 2020 20:12

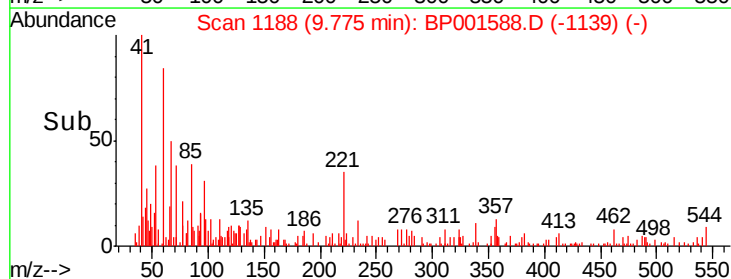
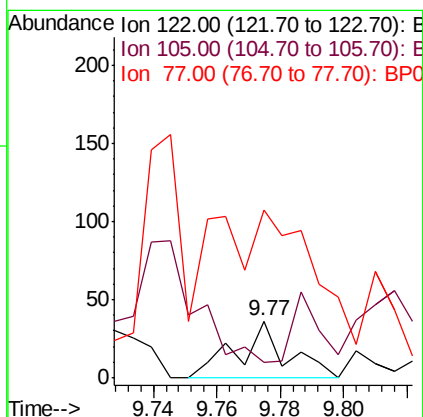
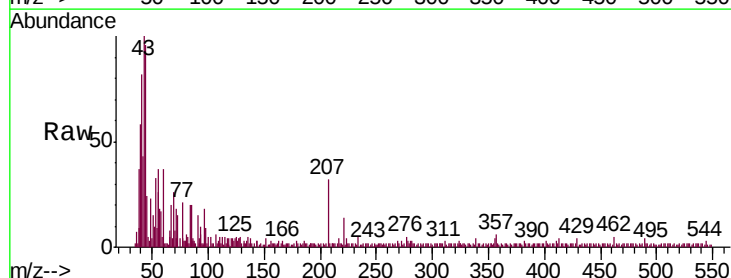
Instrument :
 BNA_P
 ClientSampleId :
 TP-3

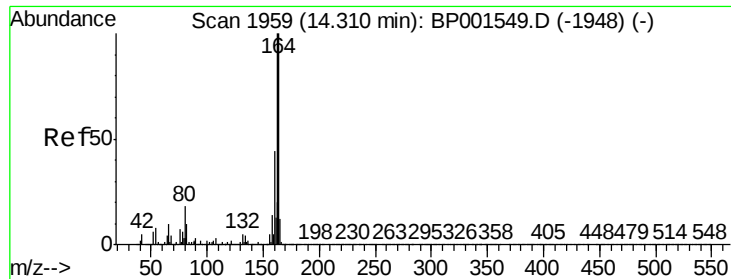
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.0	28.4	42.6
54	67.9	53.4	80.2



#32
 Benzoic acid
 Concen: 4.719 ng
 RT: 9.77 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BP001588.D
 Acq: 09 Jan 2020 20:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	27.8	119.5	159.5#
77	350.0	102.8	142.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BP001588.D

Acq: 09 Jan 2020 20:12

Instrument :

BNA_P

ClientSampleId :

TP-3

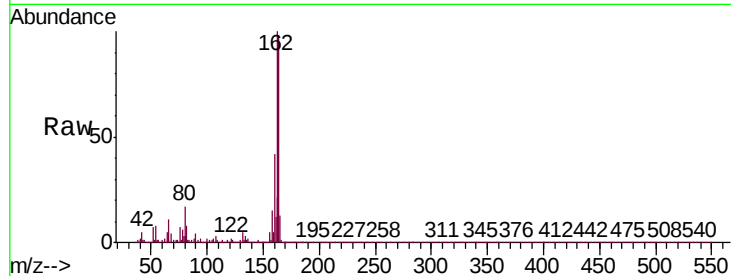
Tgt Ion:164 Resp: 124522

Ion Ratio Lower Upper

164 100

162 102.1 79.8 119.6

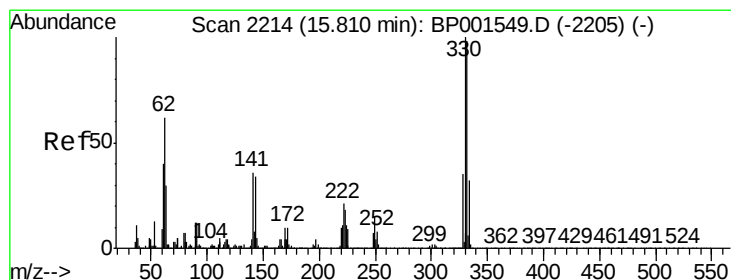
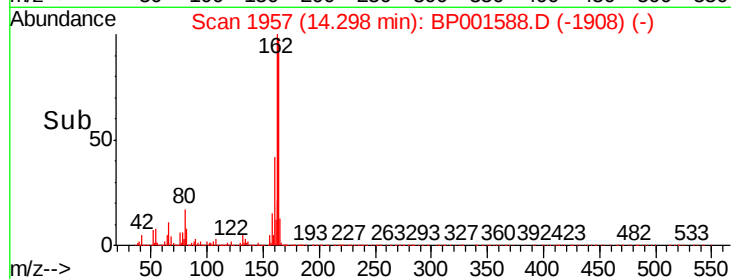
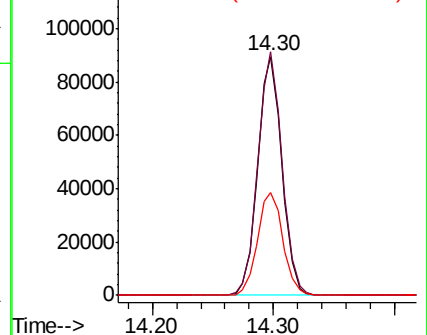
160 43.0 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 73.677 ng

RT: 15.80 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BP001588.D

Acq: 09 Jan 2020 20:12

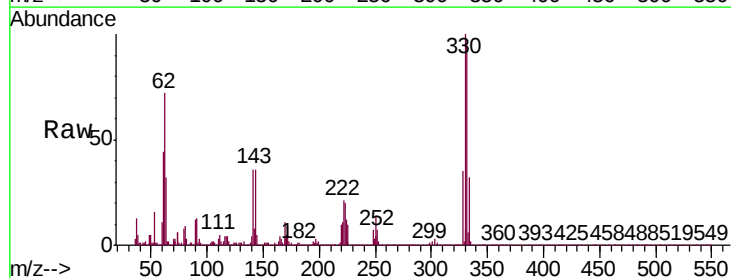
Tgt Ion:330 Resp: 139653

Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.6

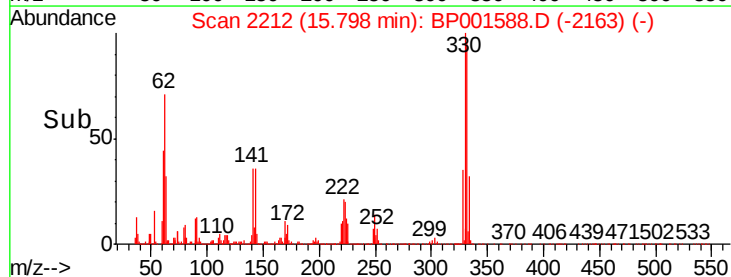
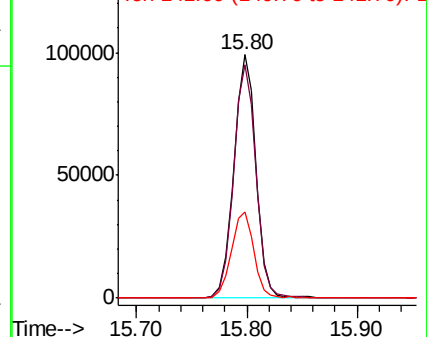
141 36.0 28.7 43.1

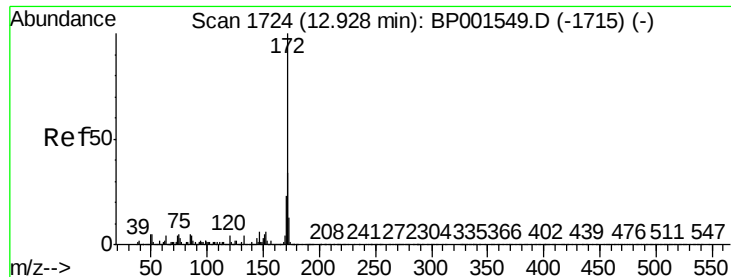


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

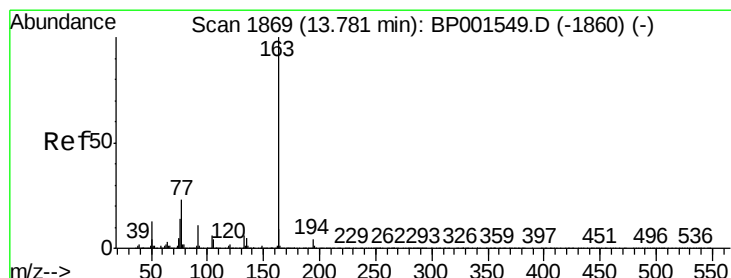
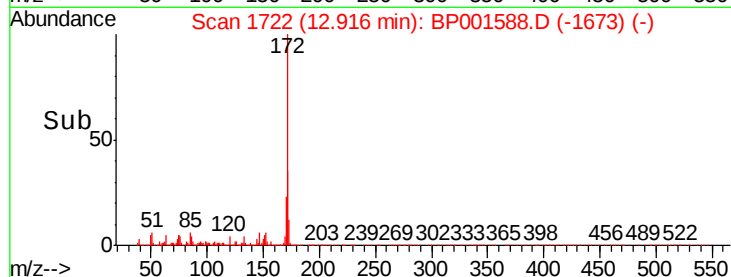
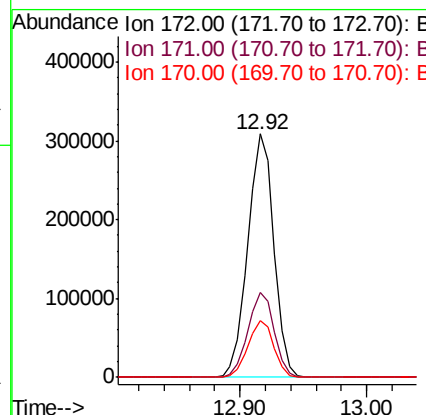
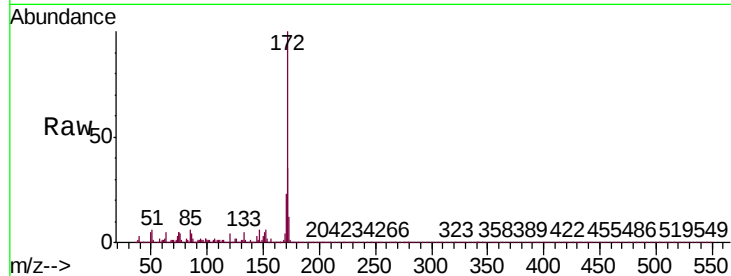




#45
2-Fluorobiphenyl
Concen: 52.134 ng
RT: 12.92 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BP001588.D
Acq: 09 Jan 2020 20:12

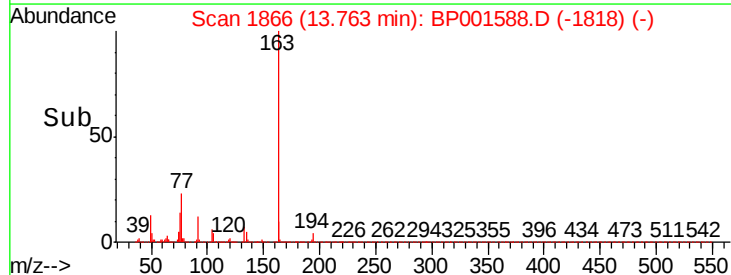
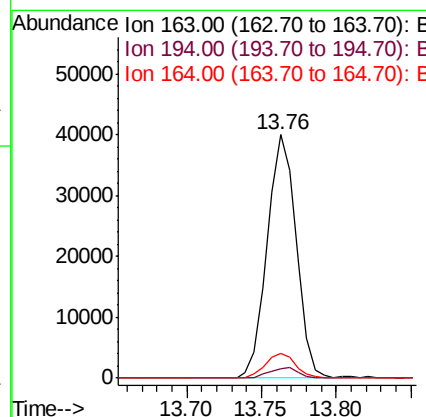
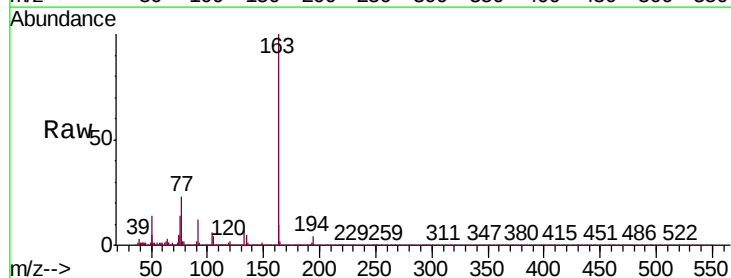
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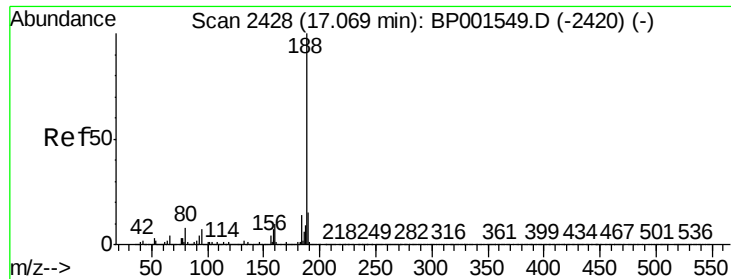
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.6	41.4
170	23.4	18.3	27.5



#50
Dimethylphthalate
Concen: 5.238 ng
RT: 13.76 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BP001588.D
Acq: 09 Jan 2020 20:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.2	7.5	11.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BP001588.D

Acq: 09 Jan 2020 20:12

Instrument :

BNA_P

ClientSampleId :

TP-3

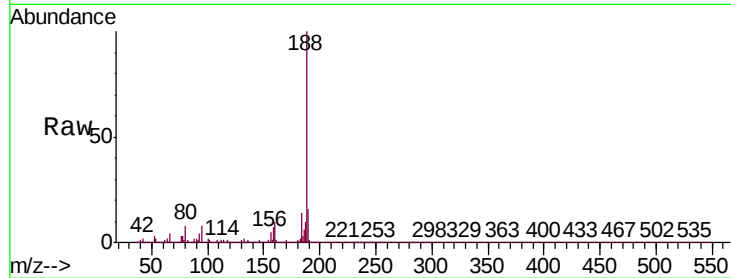
Tgt Ion:188 Resp: 275486

Ion Ratio Lower Upper

188 100

94 7.7 5.9 8.9

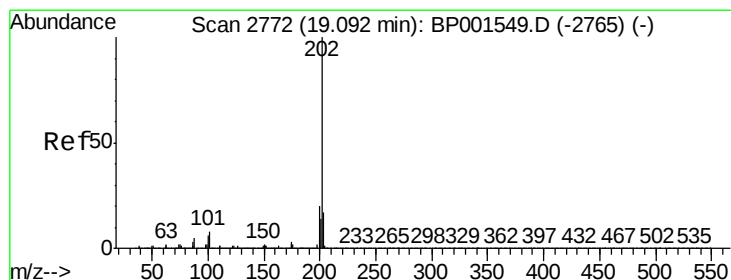
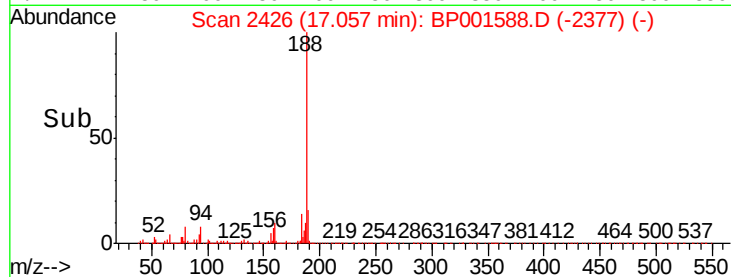
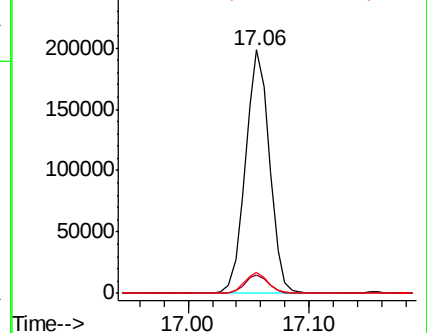
80 8.4 6.8 10.2



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



#75

Fluoranthene

Concen: 2.805 ng

RT: 19.08 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BP001588.D

Acq: 09 Jan 2020 20:12

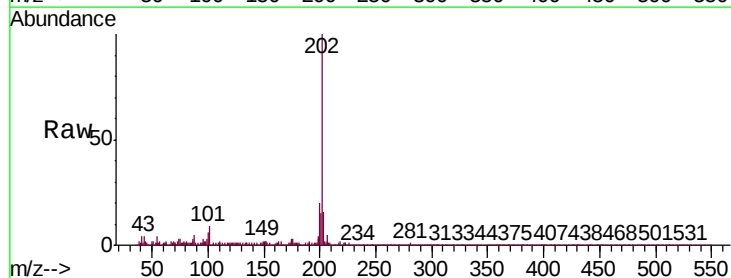
Tgt Ion:202 Resp: 55303

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.4

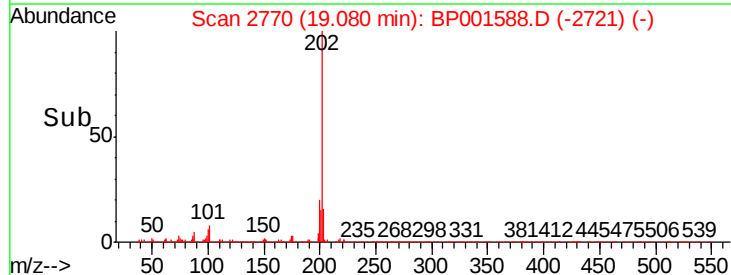
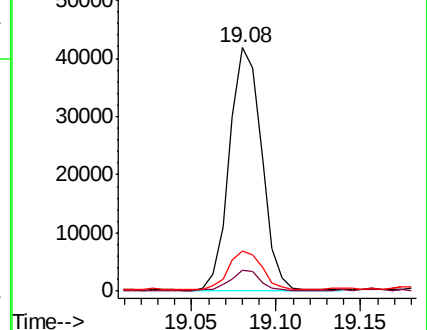
203 16.3 0.0 37.4

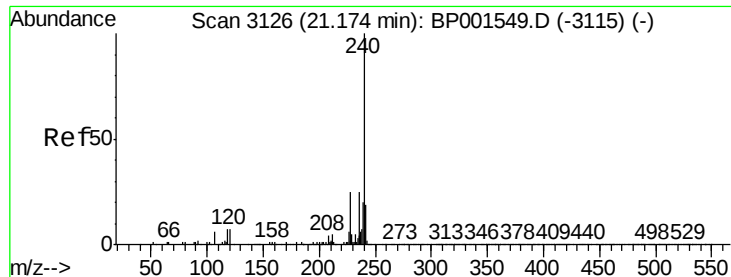


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

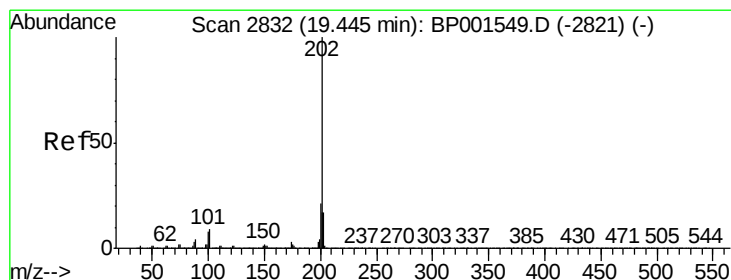
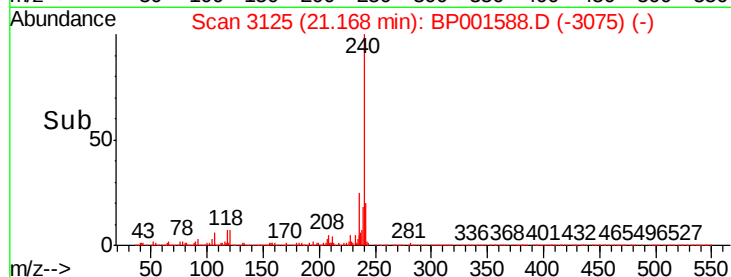
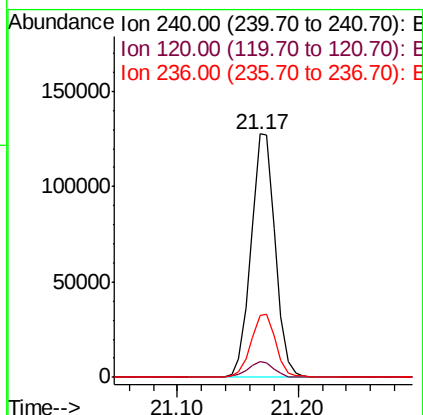
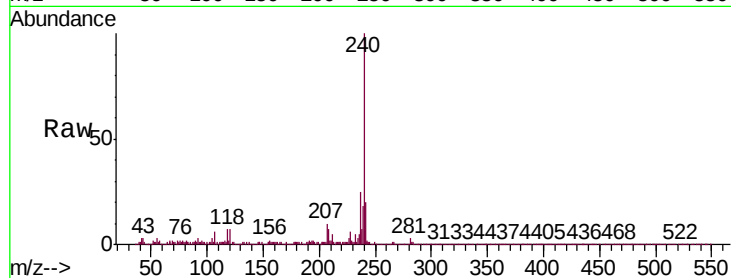




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BP001588.D
Acq: 09 Jan 2020 20:12

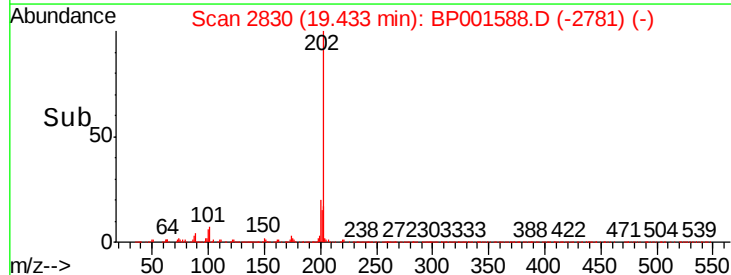
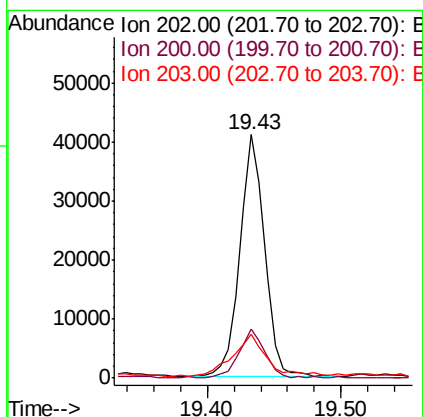
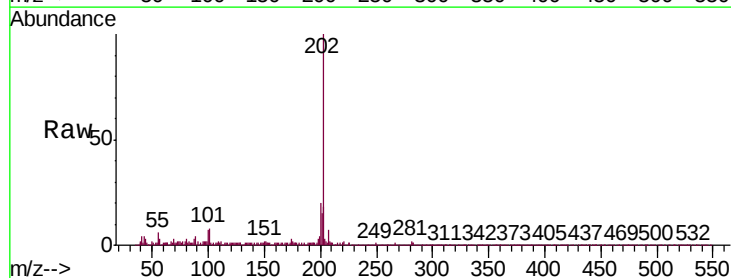
Instrument :
BNA_P
ClientSampleId :
TP-3

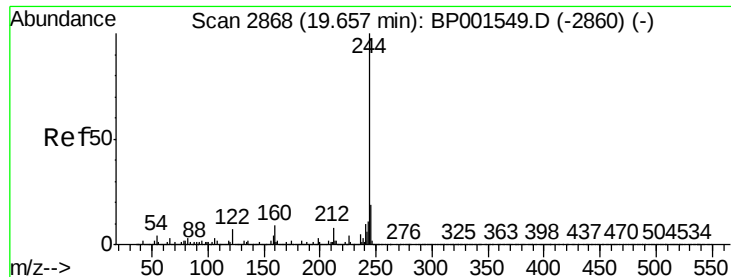
Tgt Ion:240 Resp: 177970
Ion Ratio Lower Upper
240 100
120 6.7 5.7 8.5
236 25.4 20.4 30.6



#78
Pyrene
Concen: 4.017 ng
RT: 19.43 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BP001588.D
Acq: 09 Jan 2020 20:12

Tgt Ion:202 Resp: 52516
Ion Ratio Lower Upper
202 100
200 19.9 17.0 25.6
203 18.1 13.7 20.5





#79

Terphenyl-d14

Concen: 56.519 ng

RT: 19.64 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BP001588.D

Acq: 09 Jan 2020 20:12

Instrument :

BNA_P

ClientSampleId :

TP-3

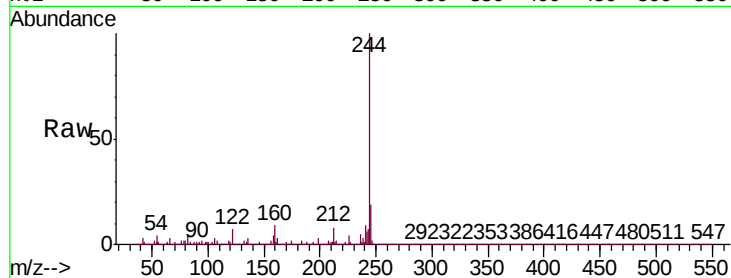
Tgt Ion:244 Resp: 549944

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

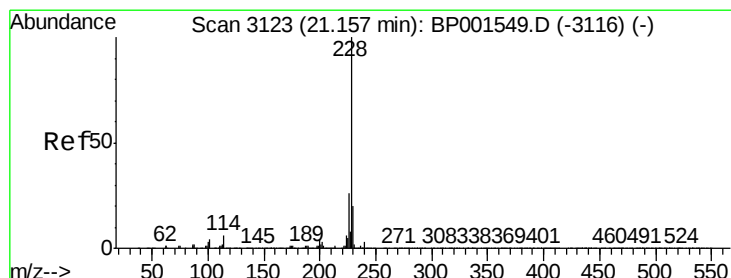
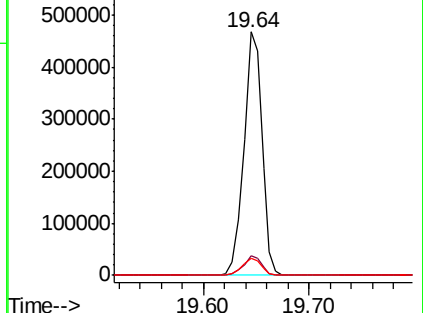
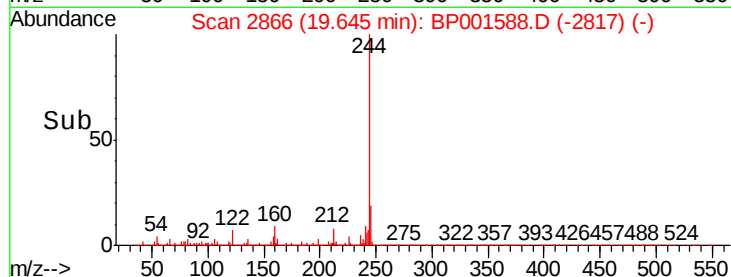
122 6.9 5.8 8.6



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



#81

Benzo(a)anthracene

Concen: 2.027 ng

RT: 21.16 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BP001588.D

Acq: 09 Jan 2020 20:12

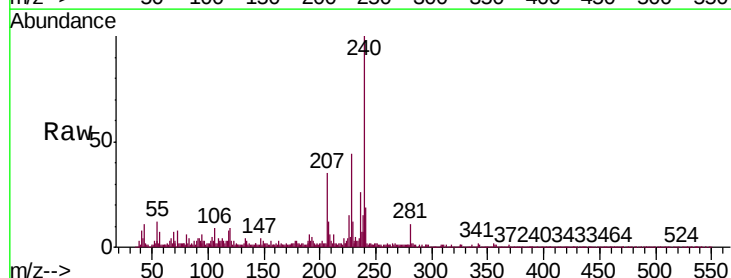
Tgt Ion:228 Resp: 25125

Ion Ratio Lower Upper

228 100

226 32.9 21.2 31.8#

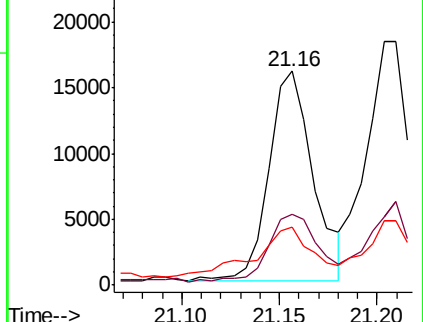
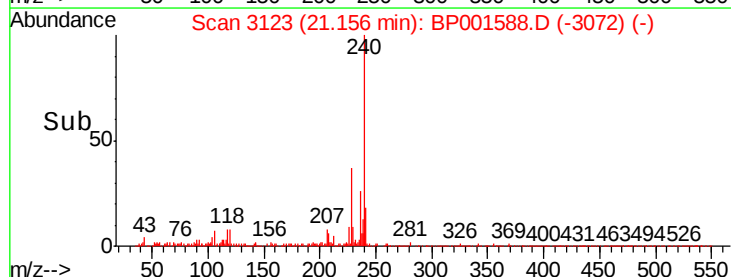
229 27.1 16.1 24.1#

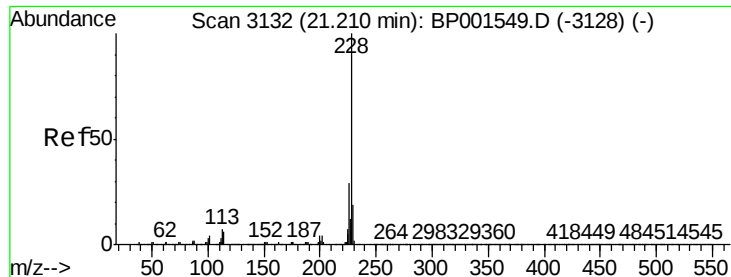


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 2.309 ng

RT: 21.21 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BP001588.D

Acq: 09 Jan 2020 20:12

Instrument :

BNA_P

ClientSampled :

TP-3

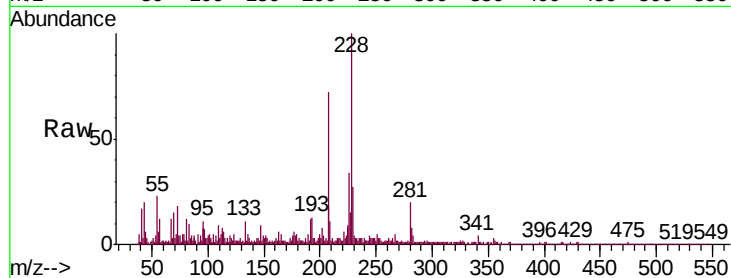
Tgt Ion:228 Resp: 27889

Ion Ratio Lower Upper

228 100

226 34.3 23.2 34.8

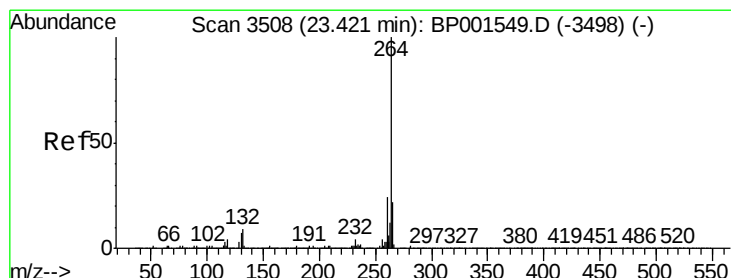
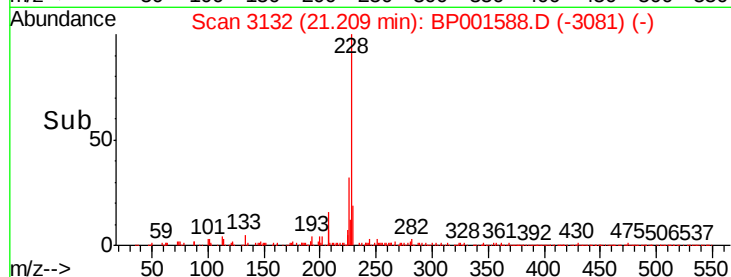
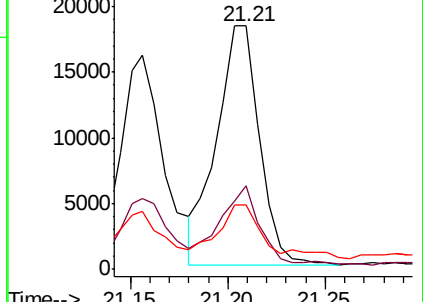
229 26.5 15.2 22.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.47 min Scan# 3517

Delta R.T. 0.05 min

Lab File: BP001588.D

Acq: 09 Jan 2020 20:12

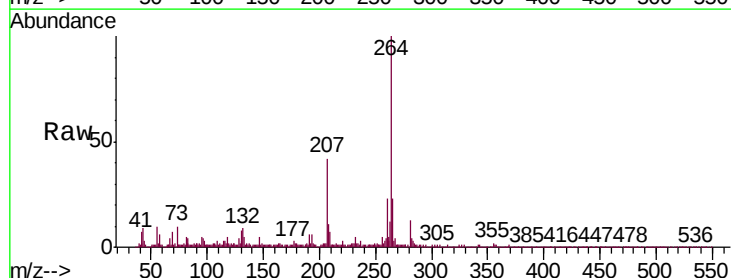
Tgt Ion:264 Resp: 180357

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

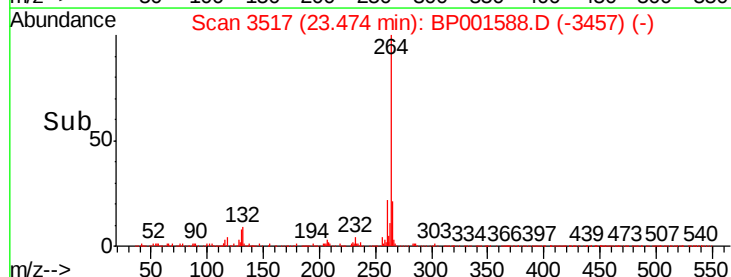
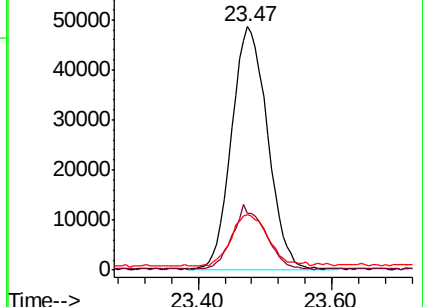
265 22.8 18.2 27.4

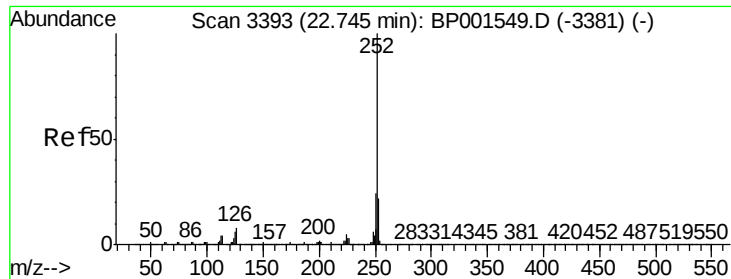


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

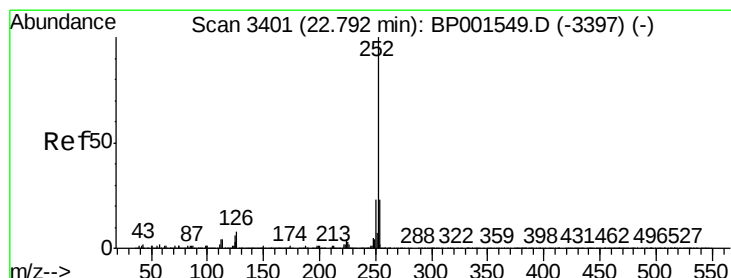
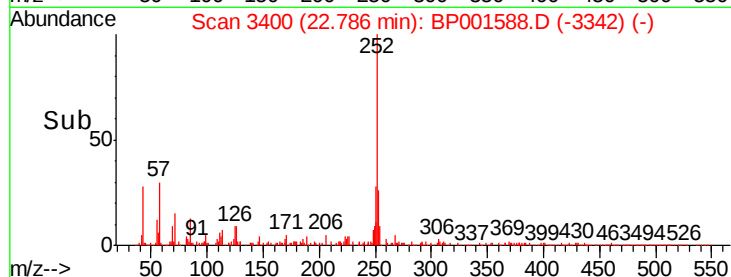
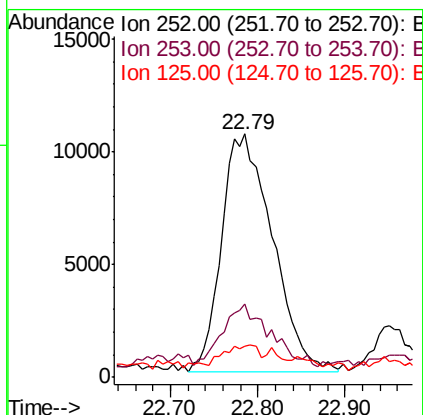
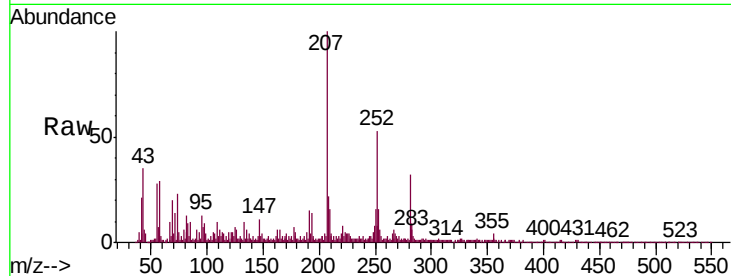




#88
Benzo(b)fluoranthene
Concen: 3.673 ng
RT: 22.79 min Scan# 3400
Delta R.T. 0.04 min
Lab File: BP001588.D
Acq: 09 Jan 2020 20:12

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:252 Resp: 41749
Ion Ratio Lower Upper
252 100
253 30.2 17.6 26.4#
125 12.7 4.6 7.0#



#89
Benzo(k)fluoranthene
Concen: 3.768 ng
RT: 22.79 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BP001588.D
Acq: 09 Jan 2020 20:12

Tgt Ion:252 Resp: 41749
Ion Ratio Lower Upper
252 100
253 30.2 18.2 27.2#
125 12.7 4.6 6.8#

