

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082120\
 Data File : BP003075.D
 Acq On : 21 Aug 2020 11:20
 Operator : CG/JU
 Sample : PB131124BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131124BL

Quant Time: Aug 21 12:18:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	350196	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1358936	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	804146	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1743757	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1815266	20.00	ng	0.00
86) Perylene-d12	23.42	264	1931843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2418361	105.69	ng	0.00
7) Phenol-d6	6.86	99	2809190	88.43	ng	0.00
23) Nitrobenzene-d5	8.83	82	1651785	65.83	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1327367	132.81	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	4703476	79.92	ng	0.00
79) Terphenyl-d14	19.66	244	6832378	75.35	ng	0.00

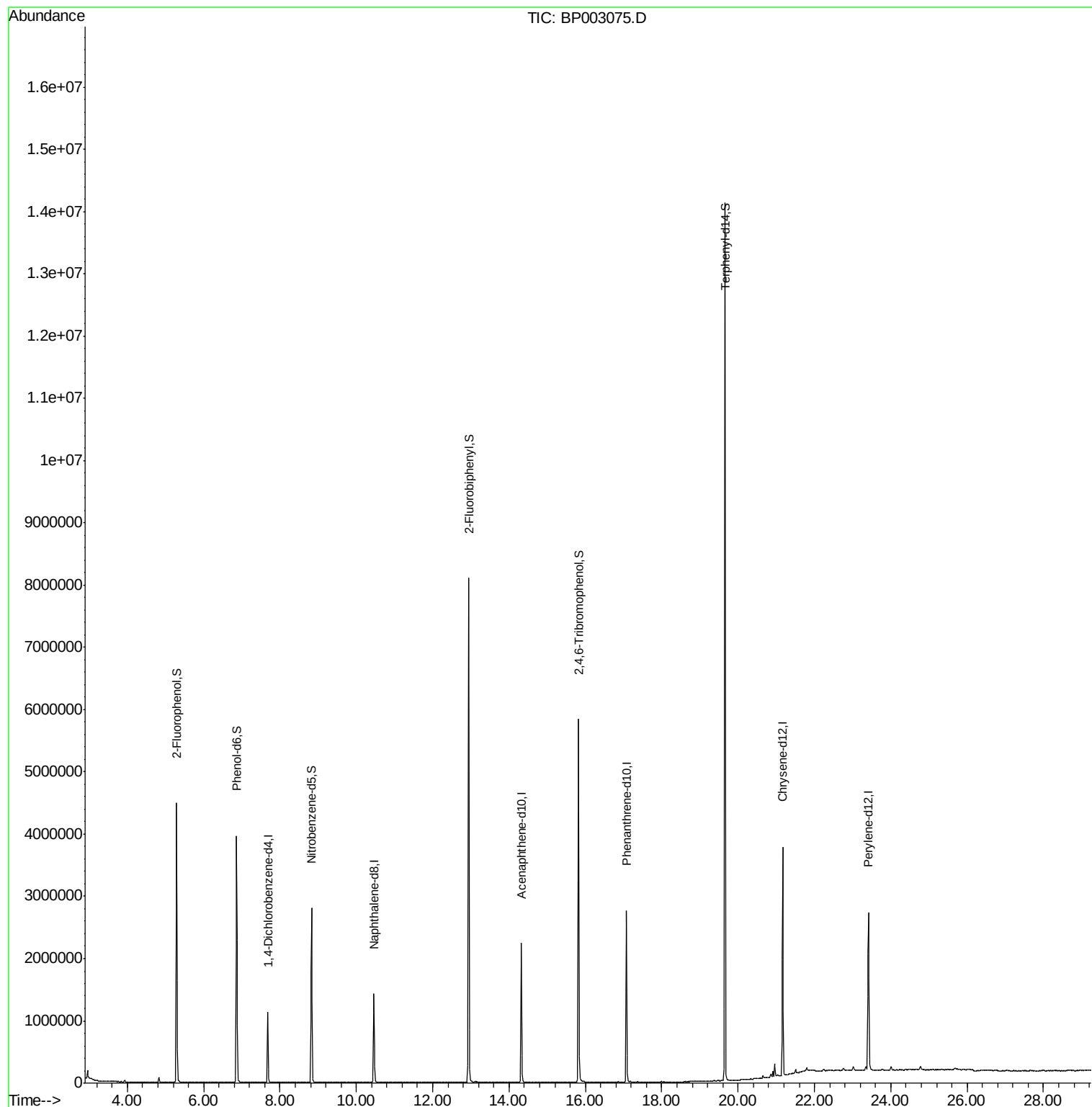
Target Compounds Qvalue

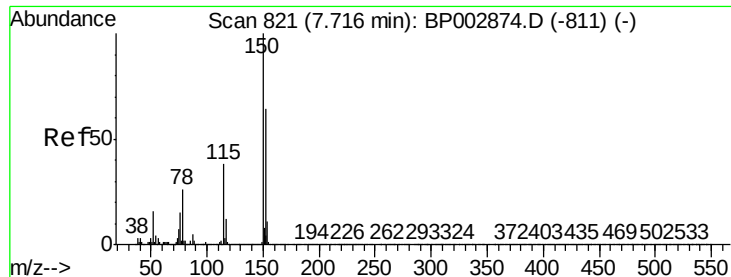
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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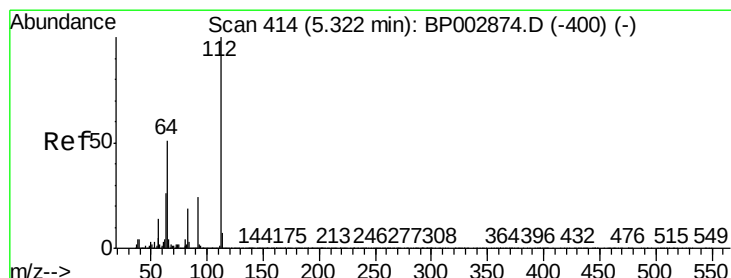
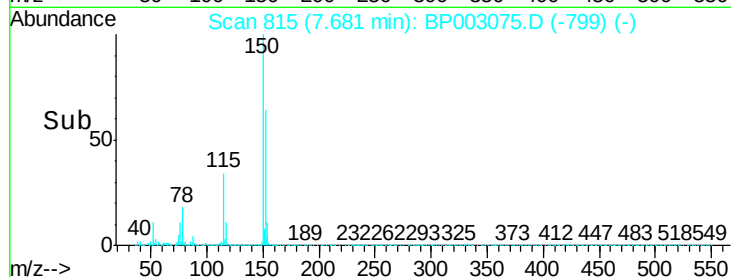
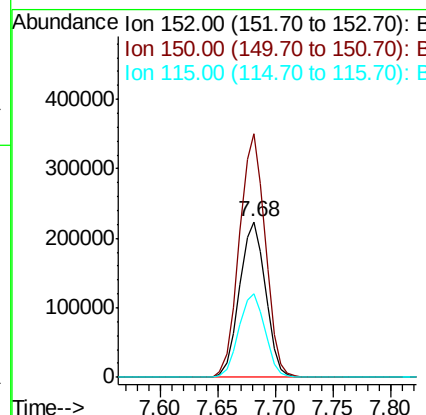
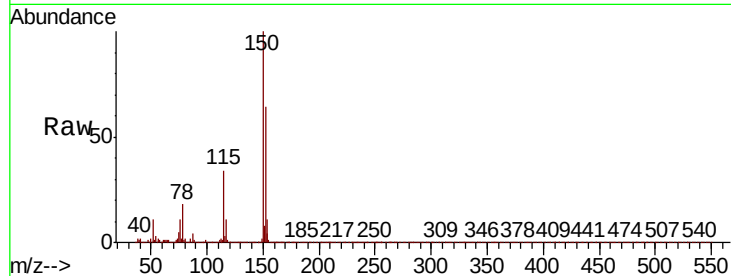




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.68 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BP003075.D
 Acq: 21 Aug 2020 11:20

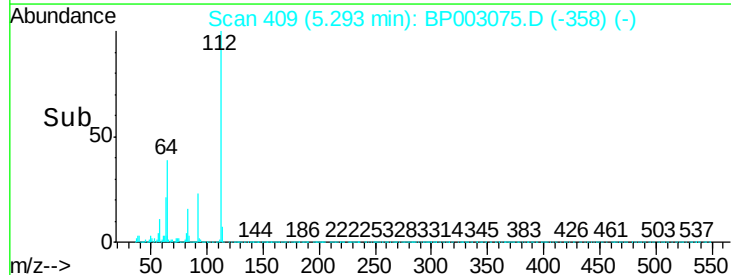
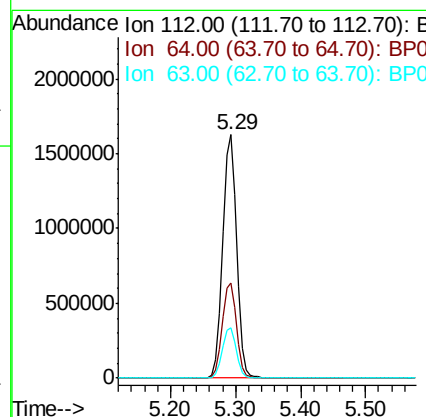
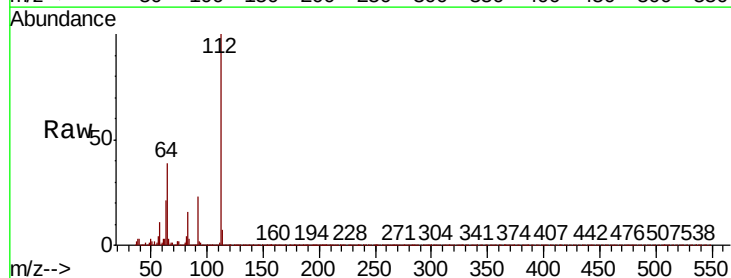
Instrument :
 BNA_P
 ClientSampleId :
 PB131124BL

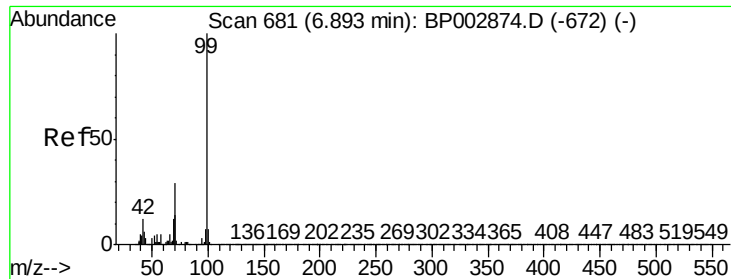
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.1	189.1
115	53.7	43.4	65.2



#5
 2-Fluorophenol
 Concen: 105.692 ng
 RT: 5.29 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BP003075.D
 Acq: 21 Aug 2020 11:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.1	33.4	50.2
63	20.5	17.4	26.0





#7

Phenol-d6

Concen: 88.429 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003075.D

Acq: 21 Aug 2020 11:20

Instrument :

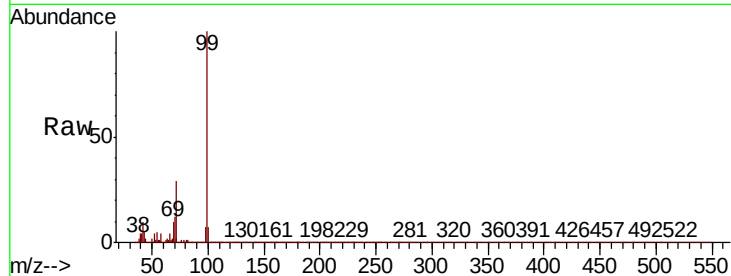
BNA_P

ClientSampleId :

PB131124BL

Tot Ion: 99 Resp: 2809190

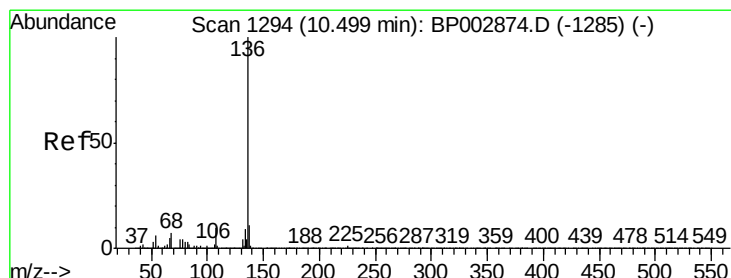
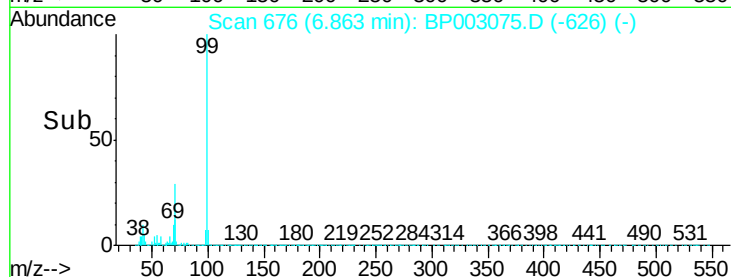
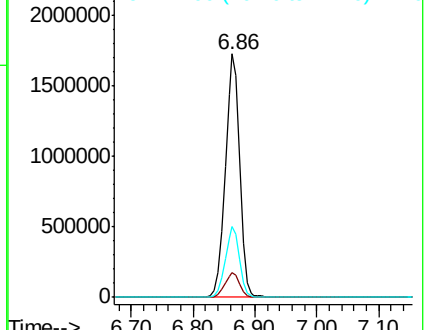
Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.0	12.0
71	29.0	21.3	31.9



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: 10.46 min Scan# 1287

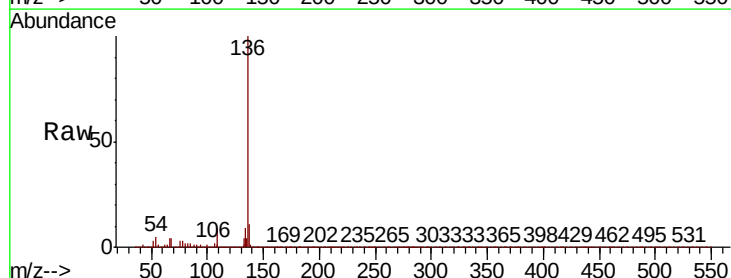
Delta R.T. -0.01 min

Lab File: BP003075.D

Acq: 21 Aug 2020 11:20

Tgt Ion: 136 Resp: 1358936

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	4.7	3.8	5.8
68	4.1	3.8	5.8

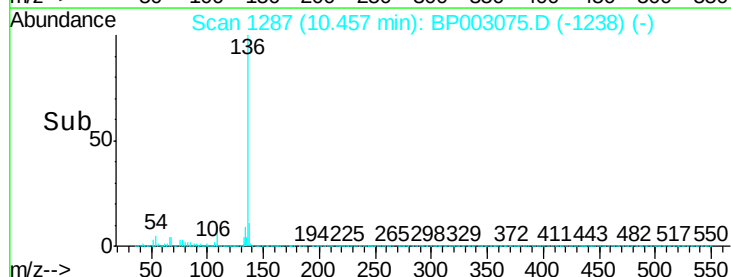
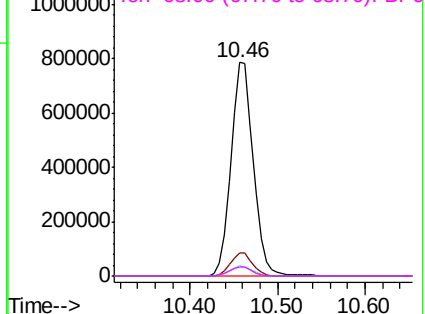


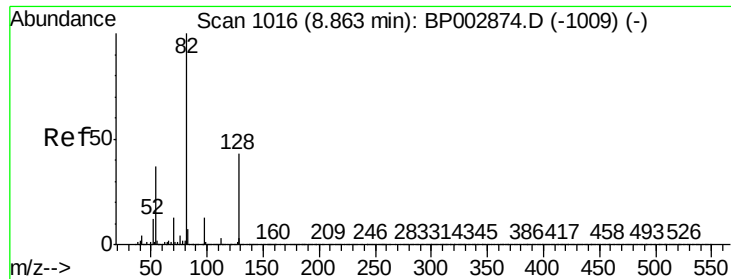
Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.834 ng

RT: 8.83 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BP003075.D

Acq: 21 Aug 2020 11:20

Instrument :

BNA_P

ClientSampleId :

PB131124BL

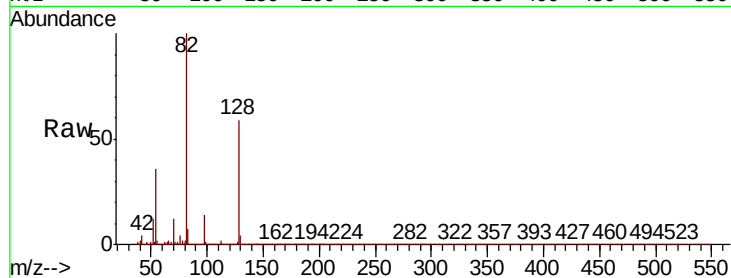
Tot Ion: 82 Resp: 1651785

Ion Ratio Lower Upper

82 100

128 59.5 45.1 67.7

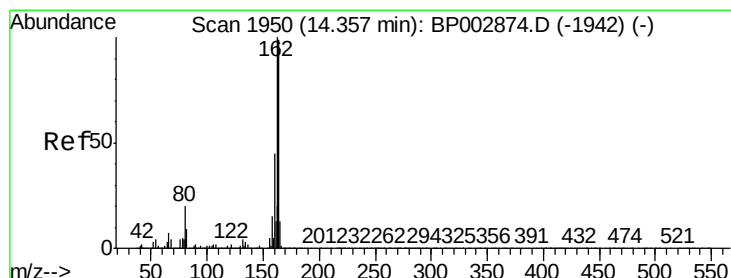
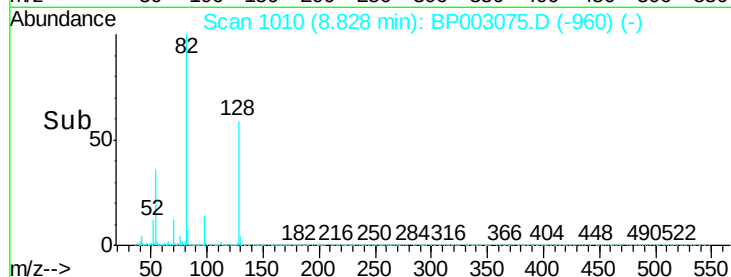
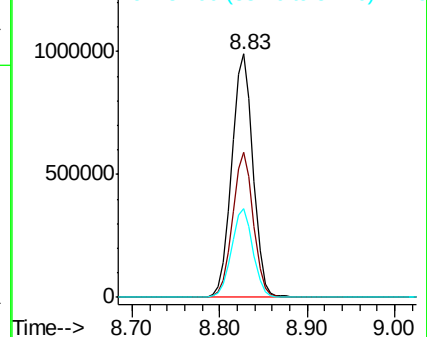
54 36.3 28.8 43.2



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BP003075.D

Acq: 21 Aug 2020 11:20

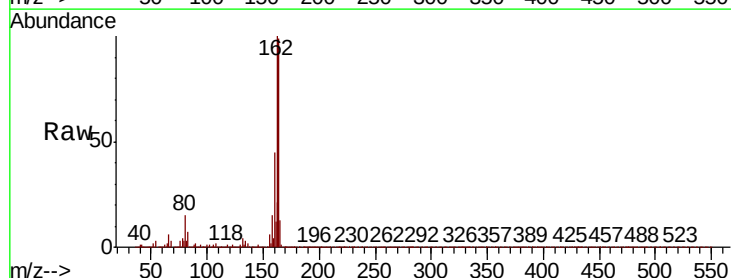
Tgt Ion:164 Resp: 804146

Ion Ratio Lower Upper

164 100

162 101.3 81.4 122.0

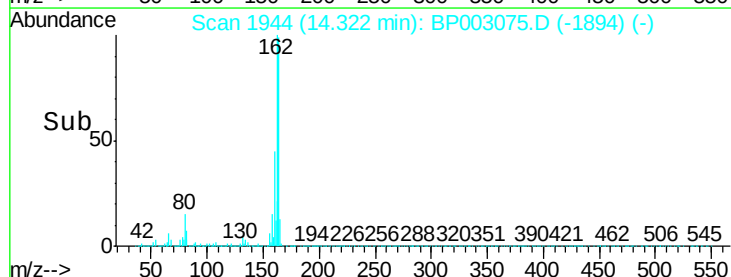
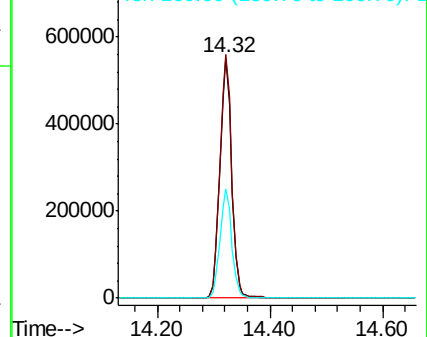
160 45.4 35.5 53.3

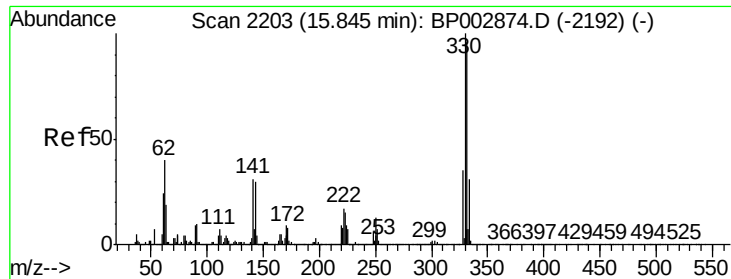


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

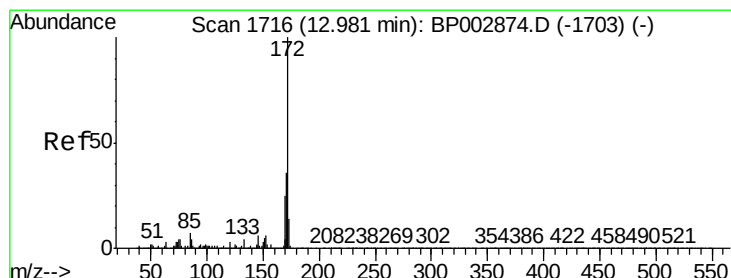
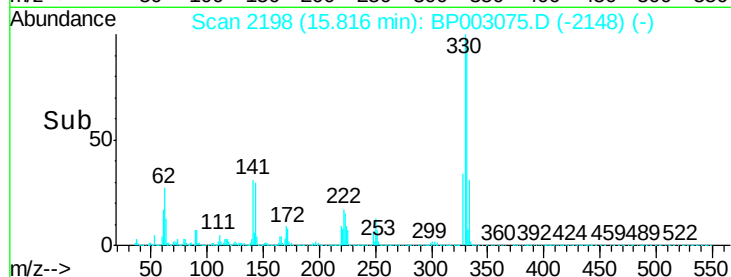
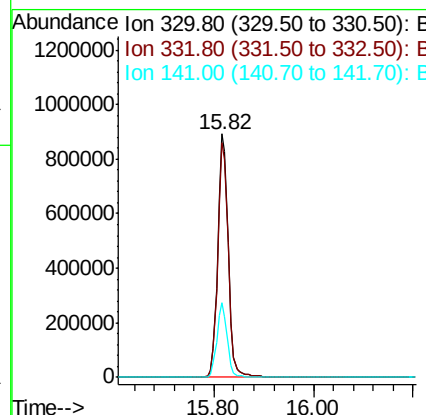
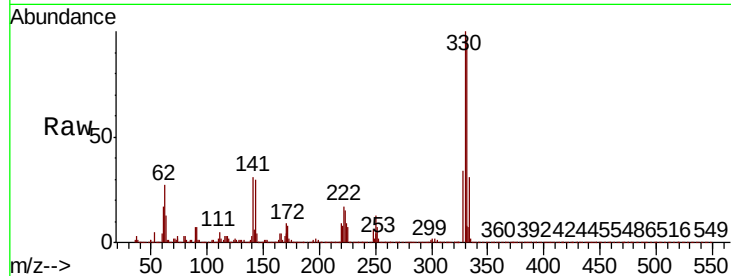




#42
 2,4,6-Tribromophenol
 Concen: 132.808 ng
 RT: 15.82 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BP003075.D
 Acq: 21 Aug 2020 11:20

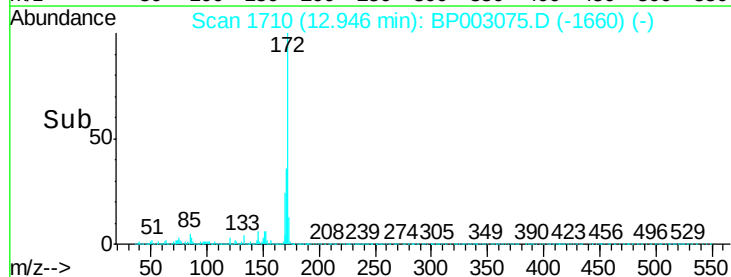
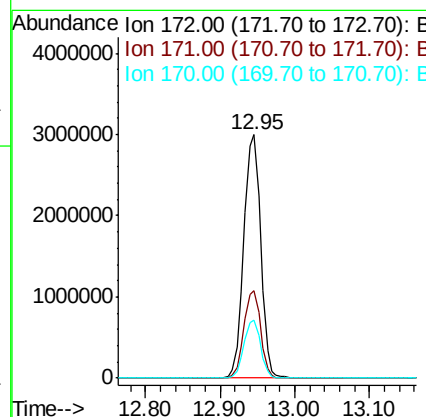
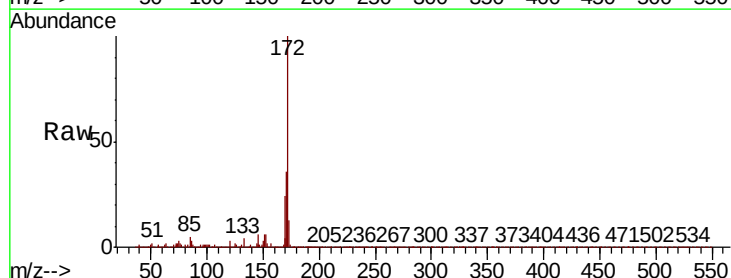
Instrument :
 BNA_P
 ClientSampleId :
 PB131124BL

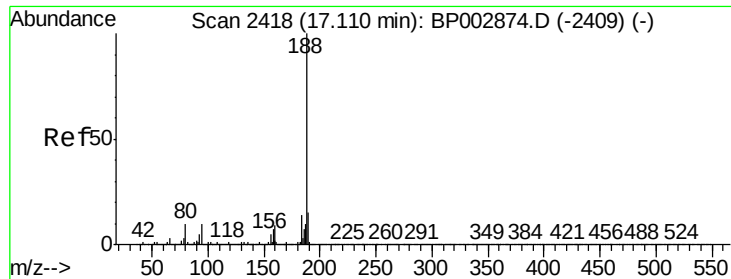
Tot Ion:330 Resp: 1327367
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 30.4 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 79.915 ng
 RT: 12.95 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BP003075.D
 Acq: 21 Aug 2020 11:20

Tgt Ion:172 Resp: 4703476
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BP003075.D

Acq: 21 Aug 2020 11:20

Instrument :

BNA_P

ClientSampleId :

PB131124BL

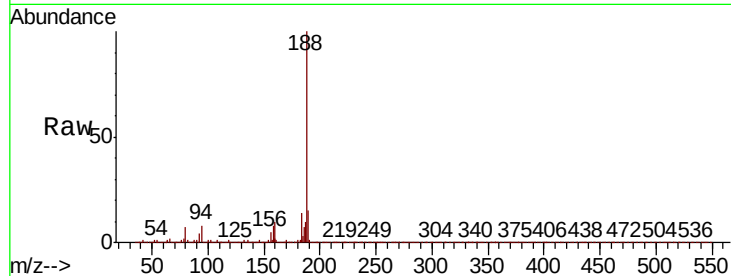
Tot Ion:188 Resp: 1743757

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

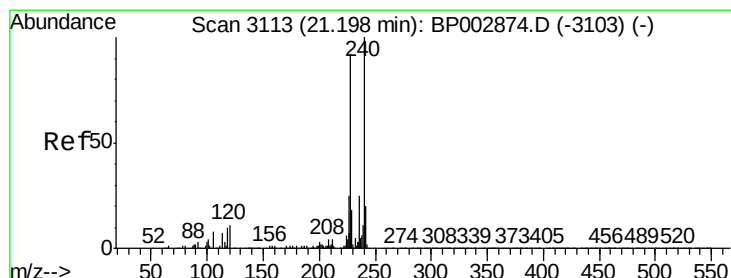
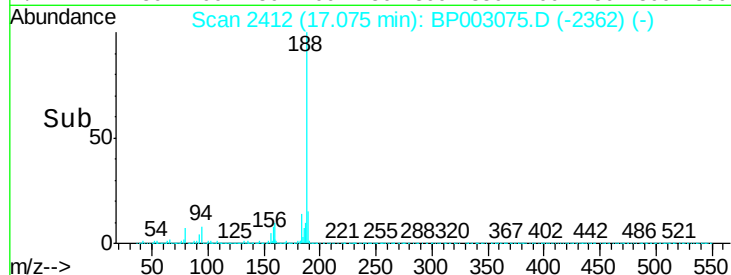
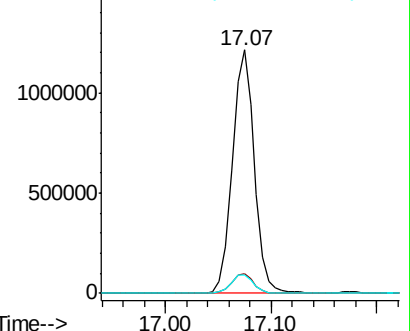
80 7.5 6.7 10.1



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: 21.17 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BP003075.D

Acq: 21 Aug 2020 11:20

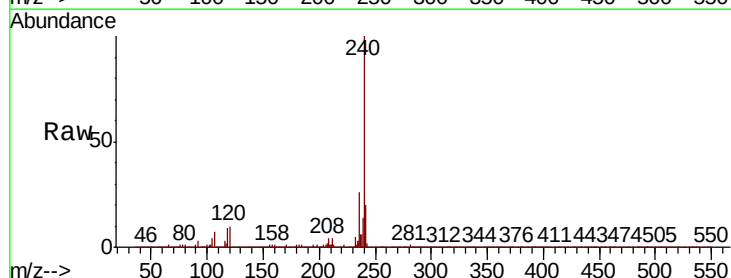
Tgt Ion:240 Resp: 1815266

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

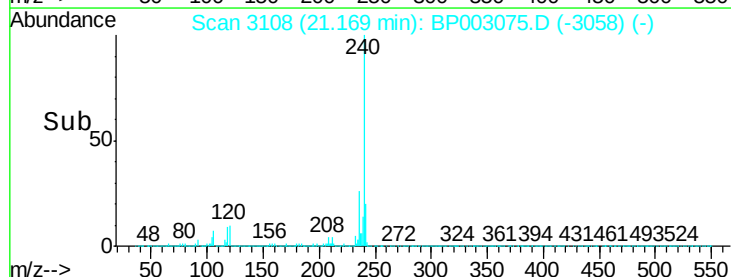
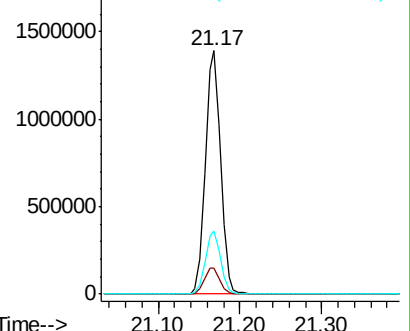
236 26.2 20.8 31.2

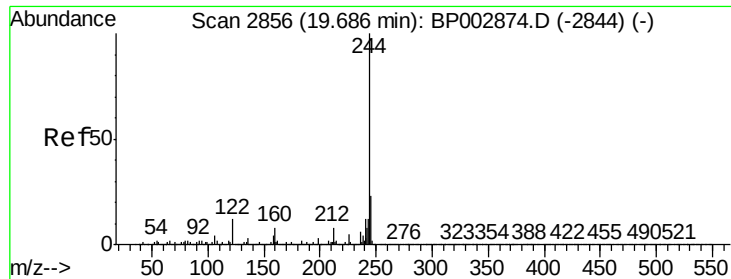


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.351 ng

RT: 19.66 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BP003075.D

Acq: 21 Aug 2020 11:20

Instrument :

BNA_P

ClientSampleId :

PB131124BL

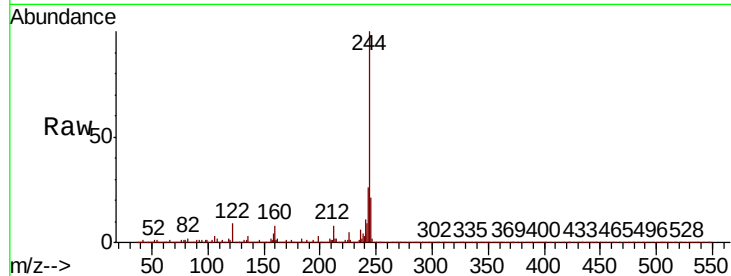
Tot Ion:244 Resp: 6832378

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

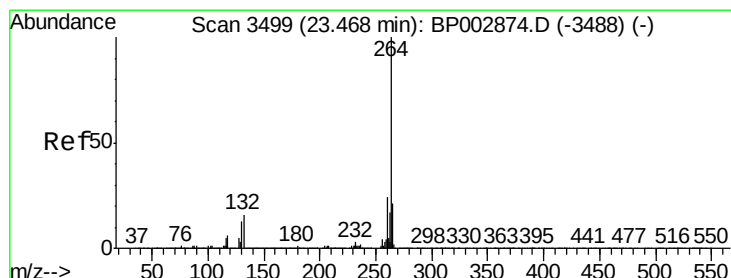
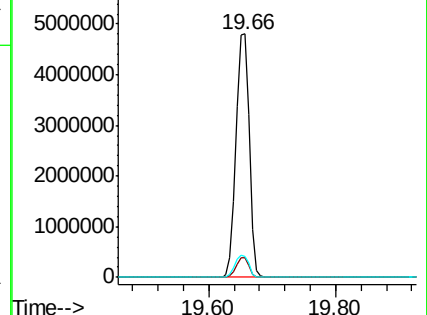
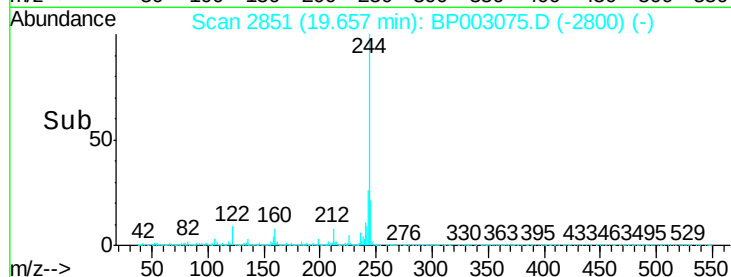
122 8.5 8.7 13.1#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.42 min Scan# 3490

Delta R.T. -0.01 min

Lab File: BP003075.D

Acq: 21 Aug 2020 11:20

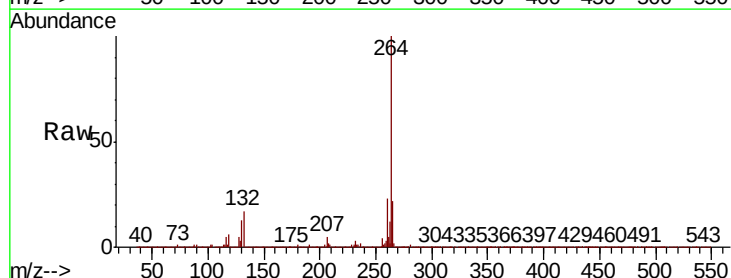
Tgt Ion:264 Resp: 1931843

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 17.3 25.9



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

