

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
 Data File : BP003151.D
 Acq On : 28 Aug 2020 15:22
 Operator : CG/JU
 Sample : PB131271TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 28 16:32:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

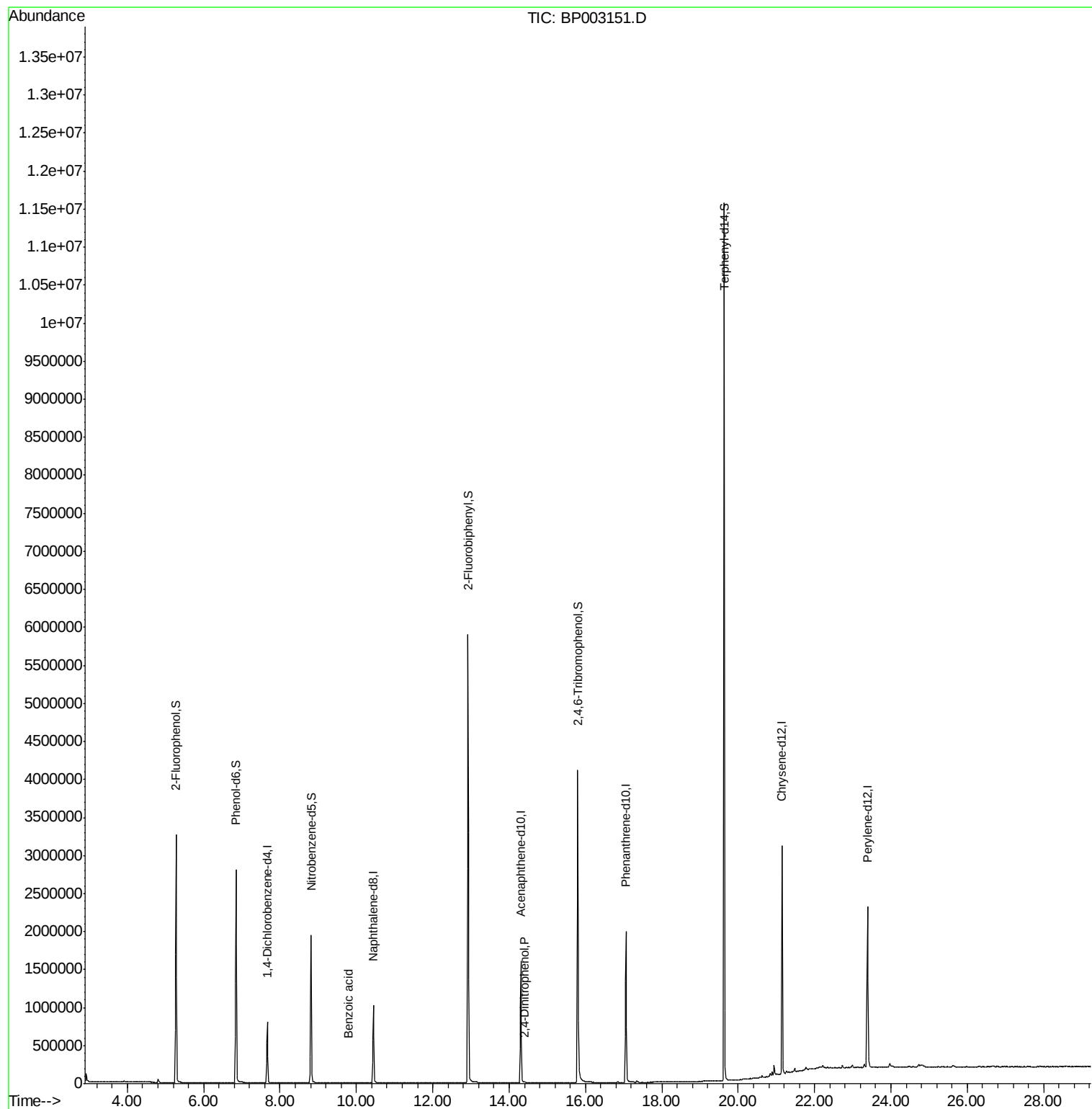
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	246805	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	976857	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	607539	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1369149	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1545529	20.00	ng	-0.01
86) Perylene-d12	23.39	264	1686256	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1701114	121.86	ng	0.00
7) Phenol-d6	6.85	99	1980392	113.17	ng	0.00
23) Nitrobenzene-d5	8.81	82	1174081	86.65	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1047348	127.46	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3452237	83.21	ng	0.00
79) Terphenyl-d14	19.63	244	5285935	75.26	ng	0.00
Target Compounds						
32) Benzoic acid	9.78	122	35	9.000	ng	# 1
54) 2,4-Dinitrophenol	14.40	184	17	7.758	ng	# 77

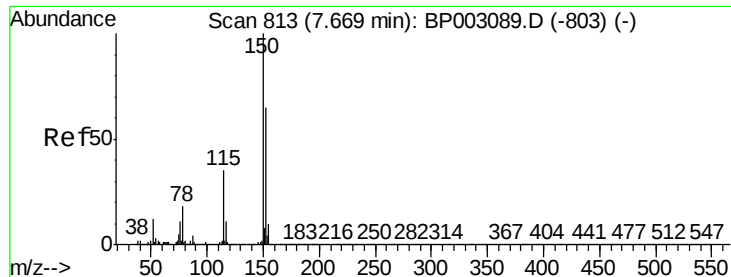
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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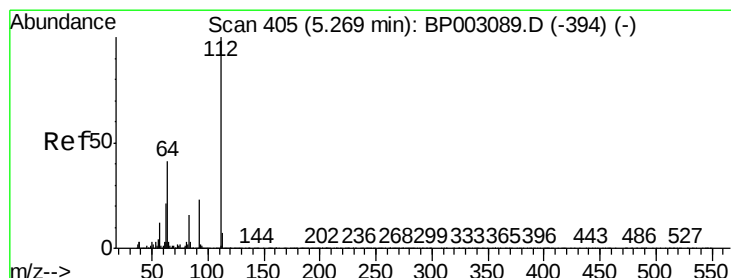
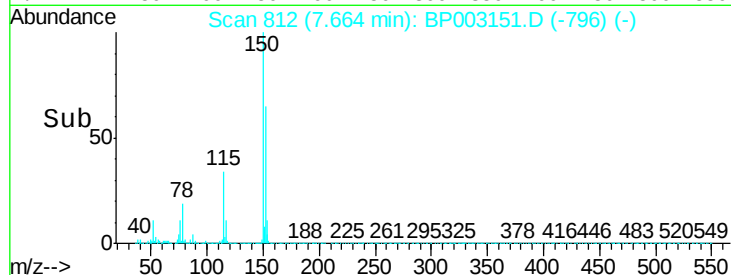
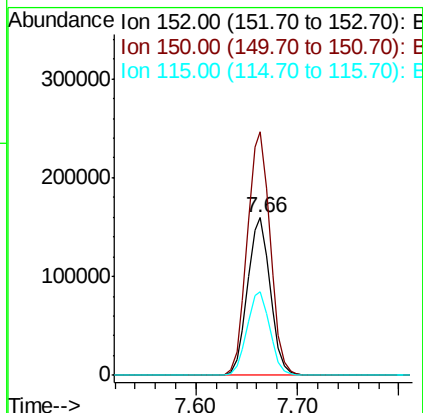
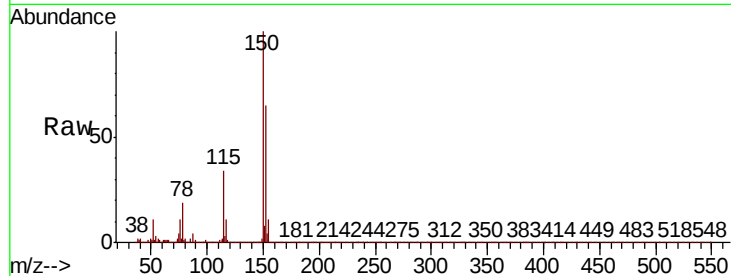


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003151.D
Acq: 28 Aug 2020 15:22

Instrument :
BNA_P
ClientSampleId :

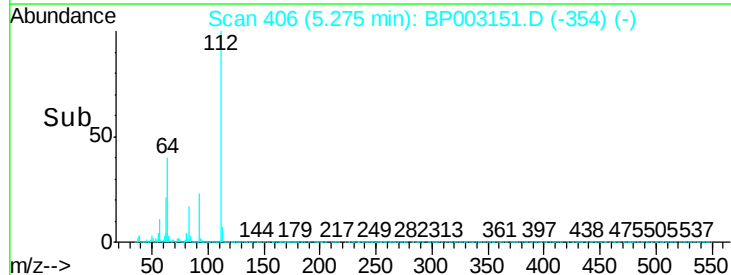
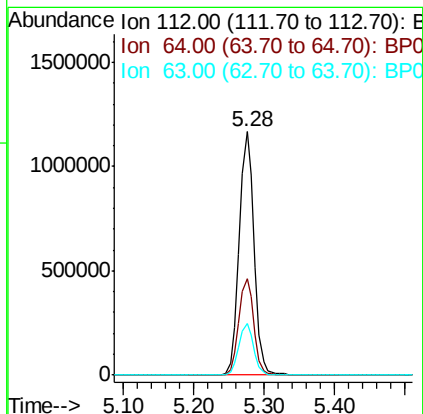
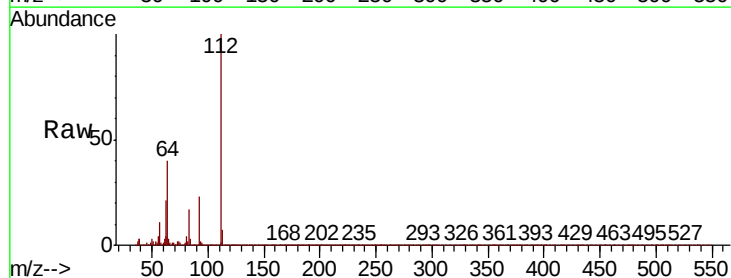
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.1	184.7
115	52.7	42.8	64.2

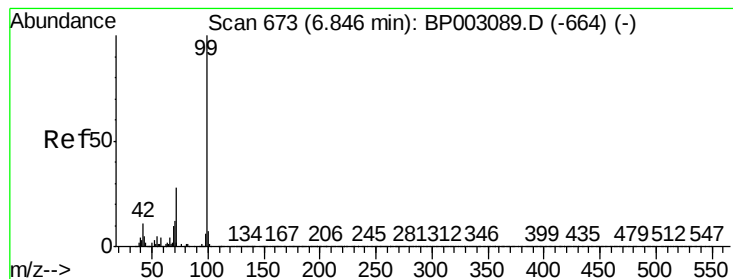


#5

2-Fluorophenol
Concen: 121.862 ng
RT: 5.28 min Scan# 406
Delta R.T. 0.01 min
Lab File: BP003151.D
Acq: 28 Aug 2020 15:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.7	33.0	49.6
63	21.0	16.9	25.3





#7

Phenol-d6

Concen: 113.172 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP003151.D

Acq: 28 Aug 2020 15:22

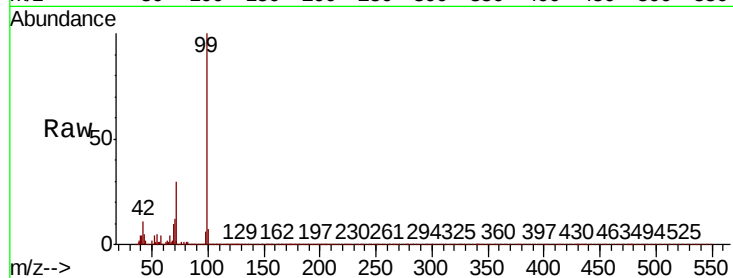
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1980392

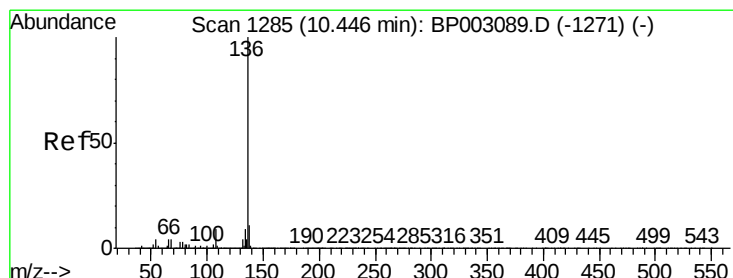
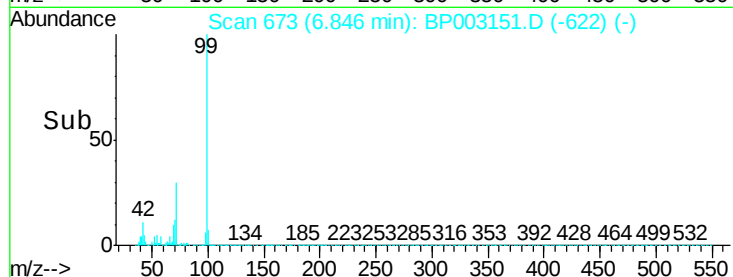
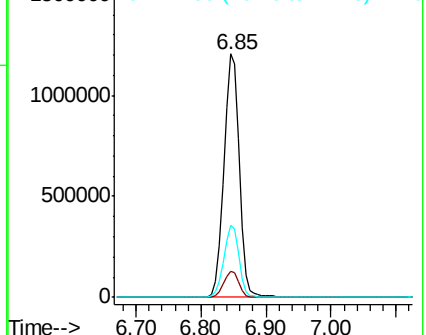
Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.5	12.7
71	29.5	22.8	34.2



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: 10.44 min Scan# 1284

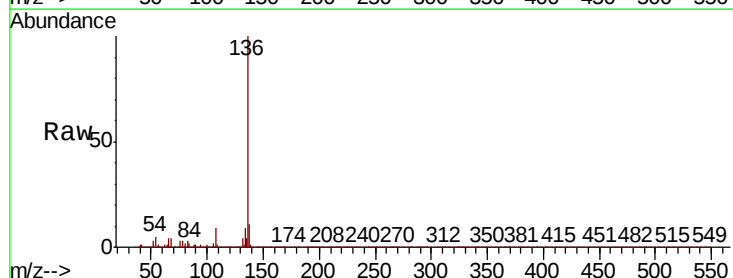
Delta R.T. -0.01 min

Lab File: BP003151.D

Acq: 28 Aug 2020 15:22

Tgt Ion: 136 Resp: 976857

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	4.6	3.5	5.3
68	4.2	3.2	4.8

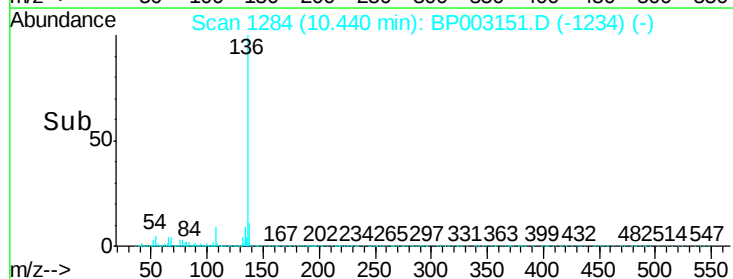
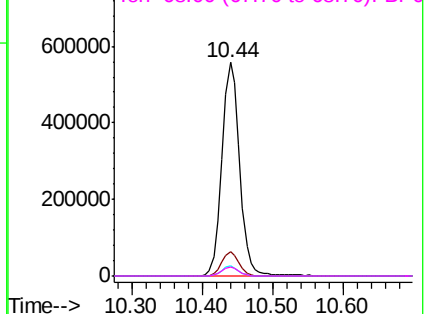


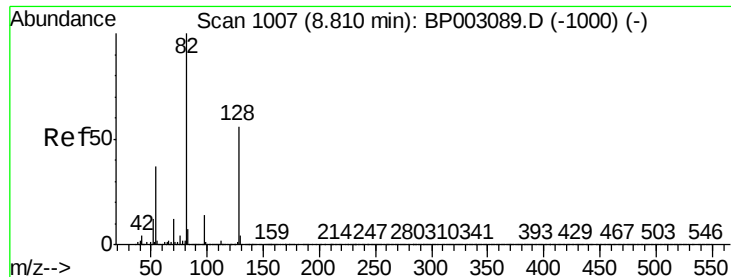
Abundance Ion 136.00 (135.70 to 136.70): E

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

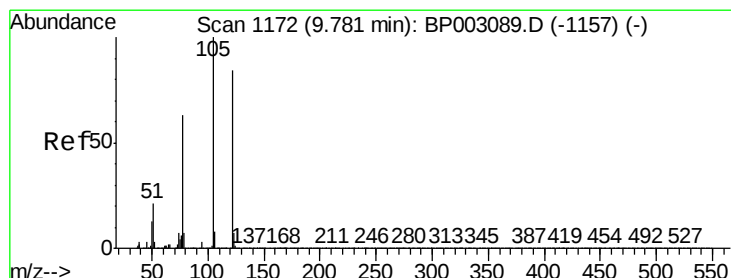
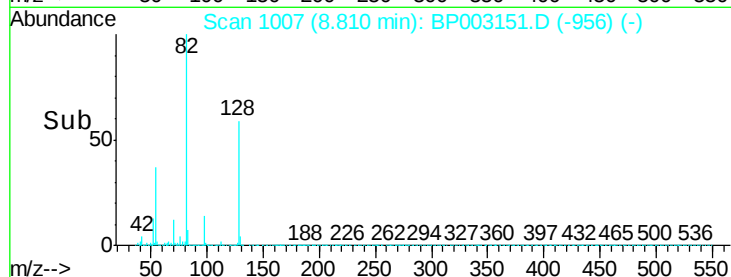
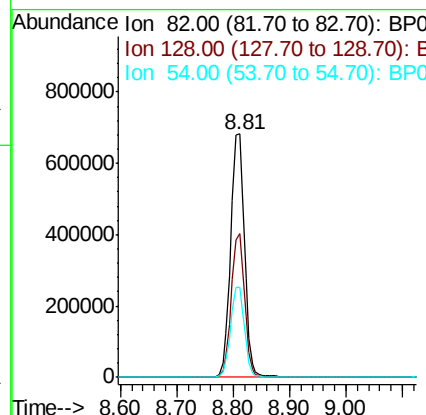
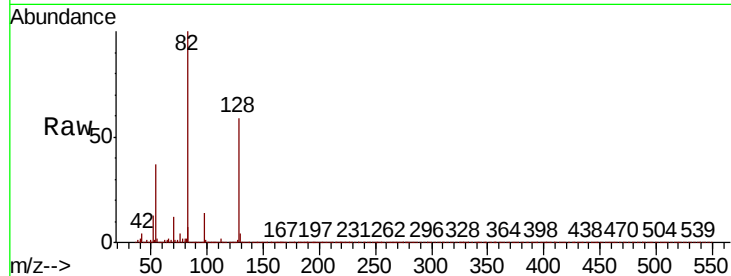




#23
 Nitrobenzene-d5
 Concen: 86.645 ng
 RT: 8.81 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BP003151.D
 Acq: 28 Aug 2020 15:22

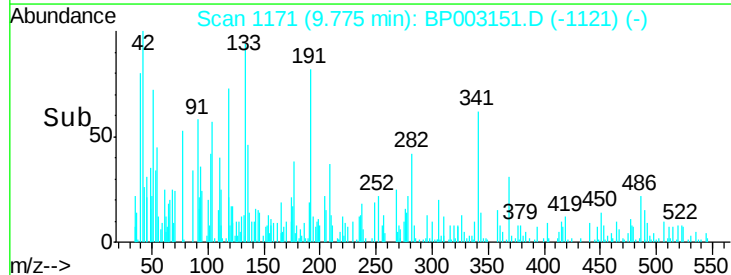
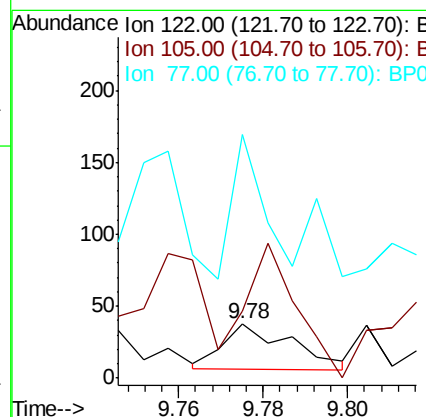
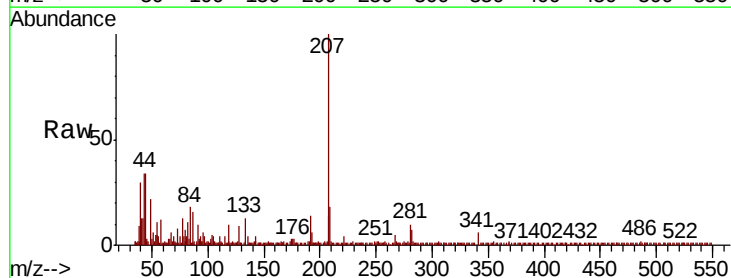
Instrument :
 BNA_P
 ClientSampleID :

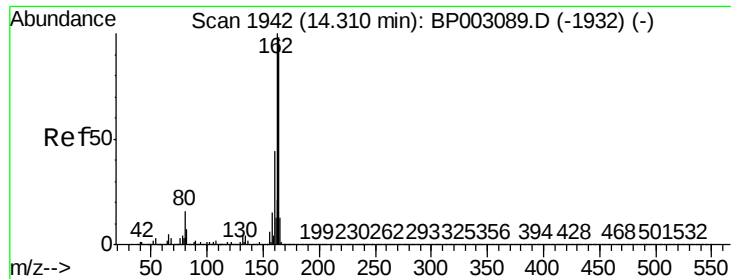
Tot Ion: 82 Resp: 1174081
 Ion Ratio Lower Upper
 82 100
 128 58.9 44.9 67.3
 54 37.2 29.4 44.2



#32
 Benzoic acid
 Concen: 9.000 ng
 RT: 9.78 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BP003151.D
 Acq: 28 Aug 2020 15:22

Tgt Ion: 122 Resp: 35
 Ion Ratio Lower Upper
 122 100
 105 123.7 98.1 138.1
 77 444.7 55.3 95.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BP003151.D

Acq: 28 Aug 2020 15:22

Instrument :

BNA_P

ClientSampleId :

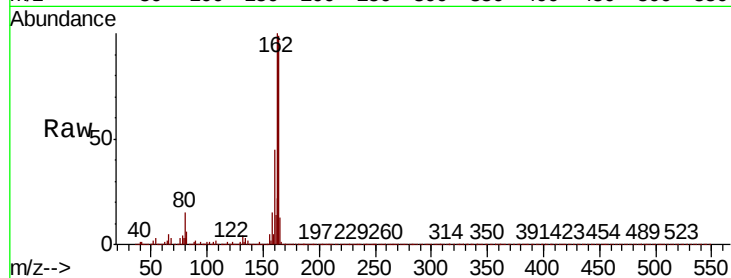
Tot Ion:164 Resp: 607539

Ion Ratio Lower Upper

164 100

162 101.1 81.2 121.8

160 45.6 36.0 54.0

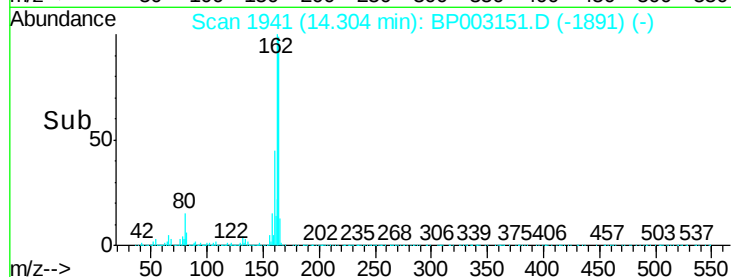


Abundance Ion 164.00 (163.70 to 164.70): E

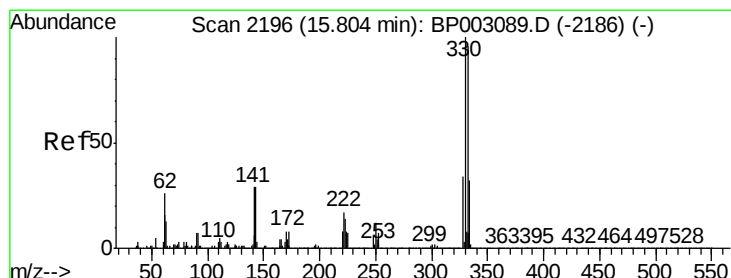
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



Time-->



#42

2,4,6-Tribromophenol

Concen: 127.464 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003151.D

Acq: 28 Aug 2020 15:22

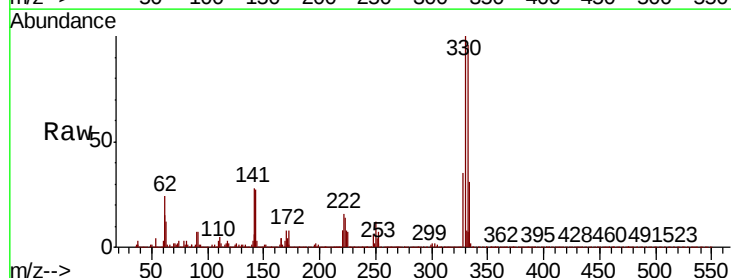
Tgt Ion:330 Resp: 1047348

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 28.8 24.4 36.6

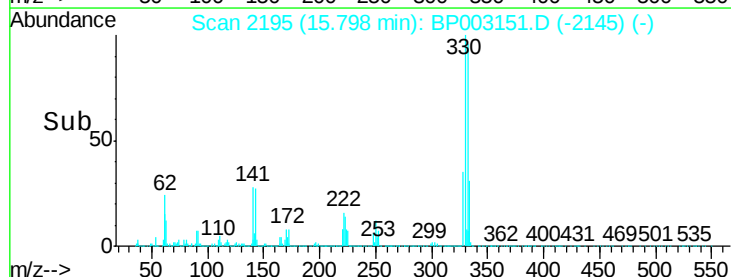


Abundance Ion 329.80 (329.50 to 330.50): E

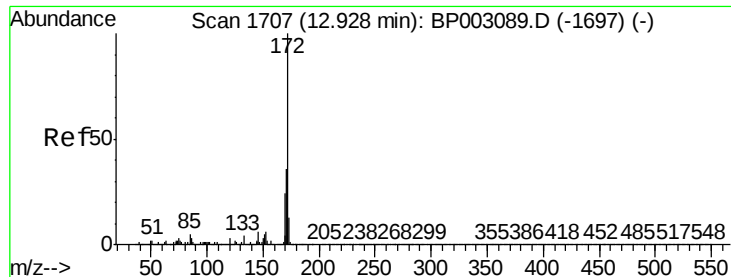
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



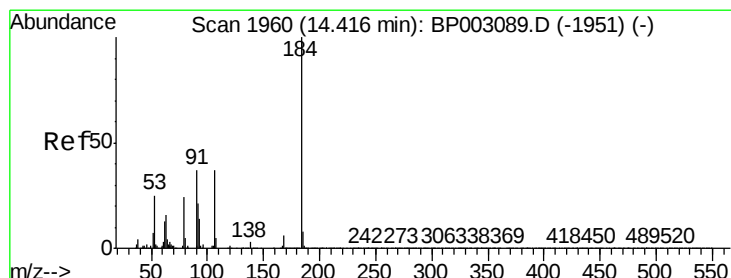
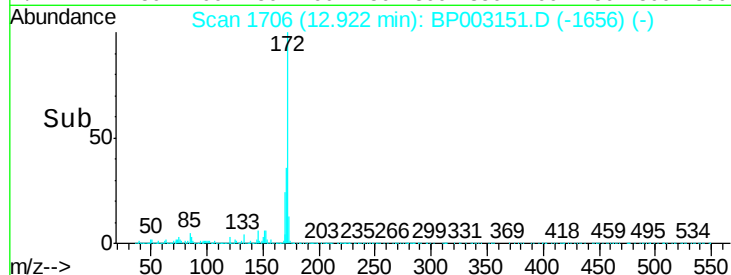
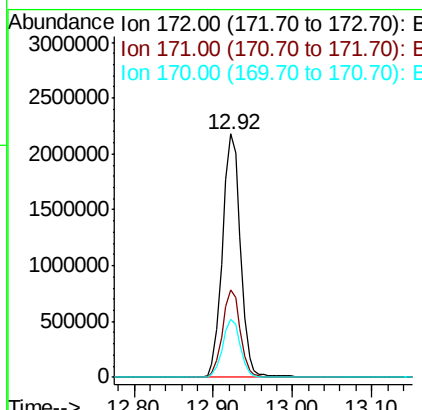
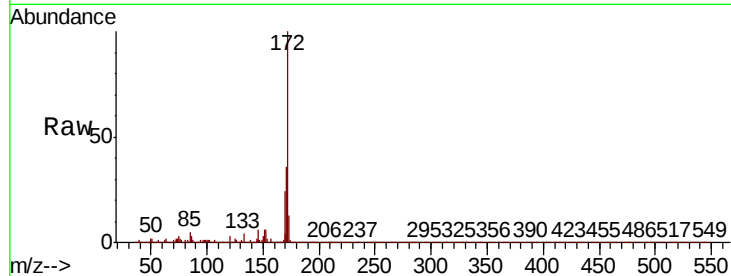
Time-->



#45
2-Fluorobiphenyl
Concen: 83.215 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003151.D
Acq: 28 Aug 2020 15:22

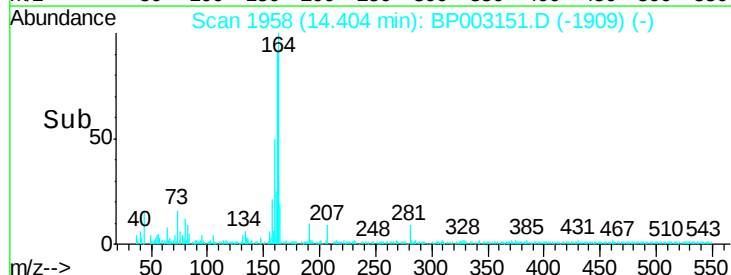
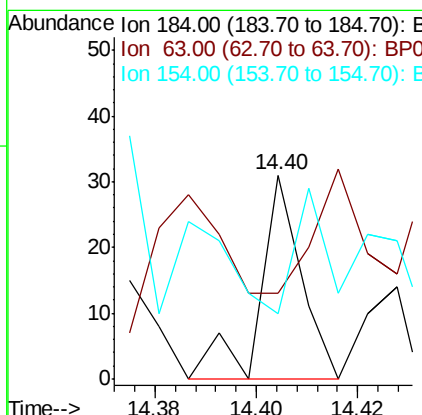
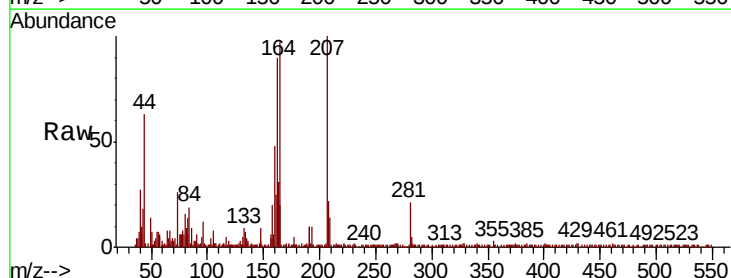
Instrument :
BNA_P
ClientSampled :

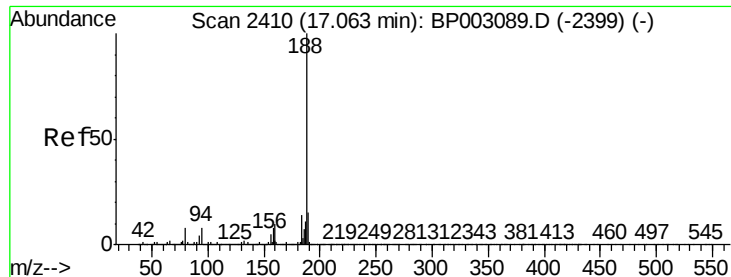
Tot Ion:172 Resp: 3452237
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.6 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 7.758 ng
RT: 14.40 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BP003151.D
Acq: 28 Aug 2020 15:22

Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 41.9 32.0 48.0
154 32.3 48.2 72.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BP003151.D

Acq: 28 Aug 2020 15:22

Instrument :

BNA_P

ClientSampled :

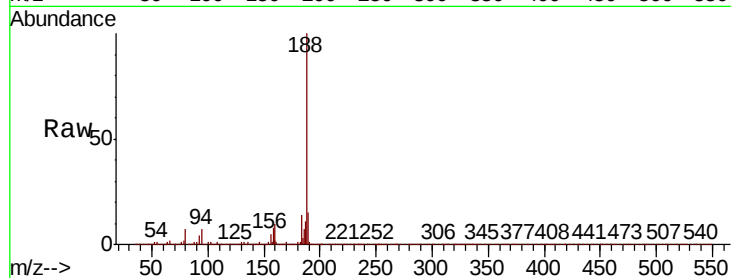
Tot Ion:188 Resp: 1369149

Ion Ratio Lower Upper

188 100

94 7.4 6.2 9.4

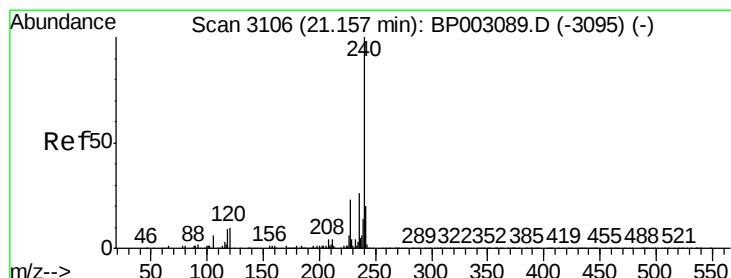
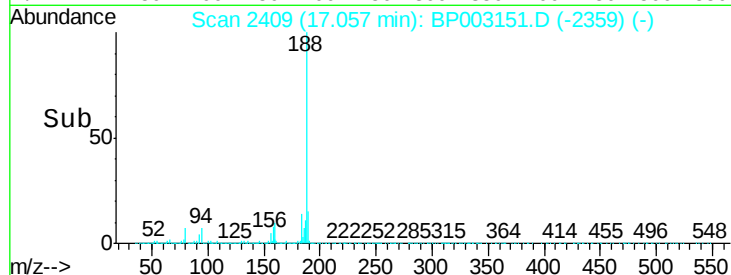
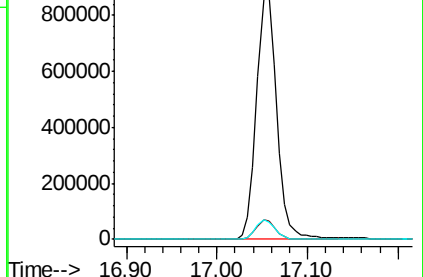
80 7.2 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BP003151.D

Acq: 28 Aug 2020 15:22

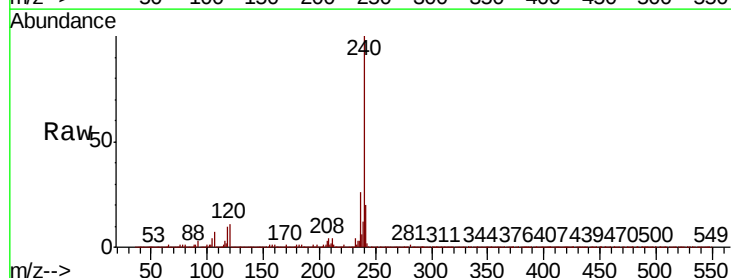
Tgt Ion:240 Resp: 1545529

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

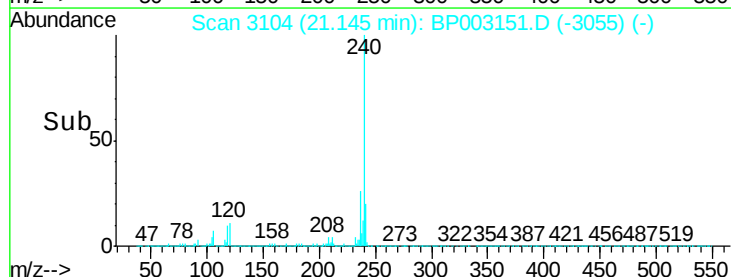
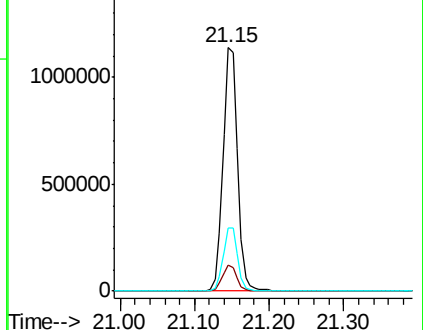
236 25.8 20.6 31.0

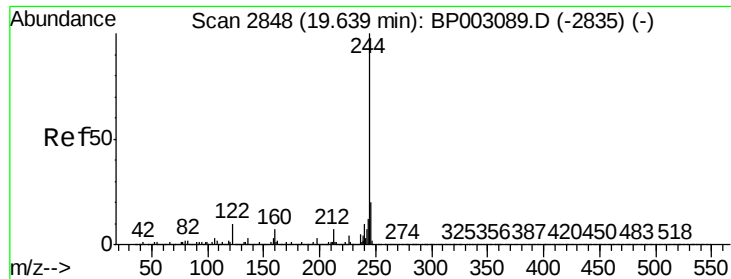


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.258 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BP003151.D

Acq: 28 Aug 2020 15:22

Instrument :

BNA_P

ClientSampled :

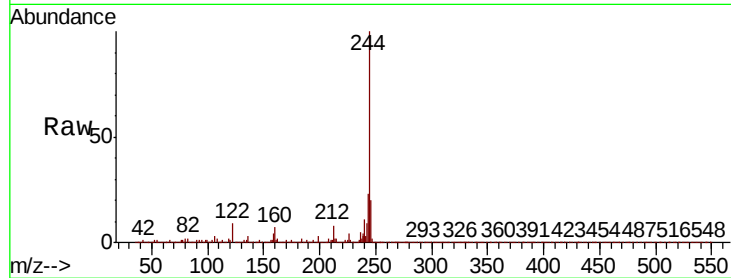
Tot Ion:244 Resp: 5285935

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

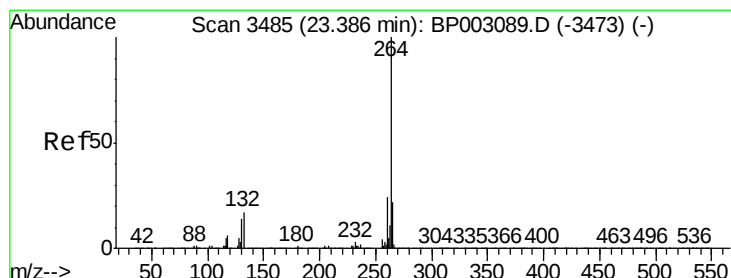
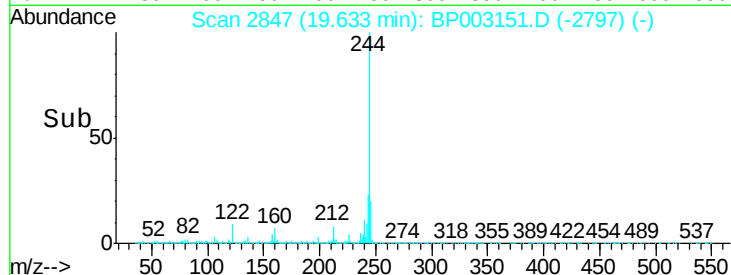
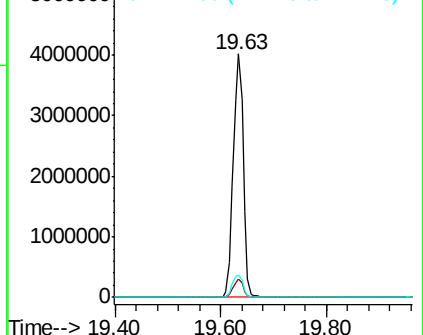
122 9.2 7.7 11.5



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: 23.39 min Scan# 3485

Delta R.T. 0.00 min

Lab File: BP003151.D

Acq: 28 Aug 2020 15:22

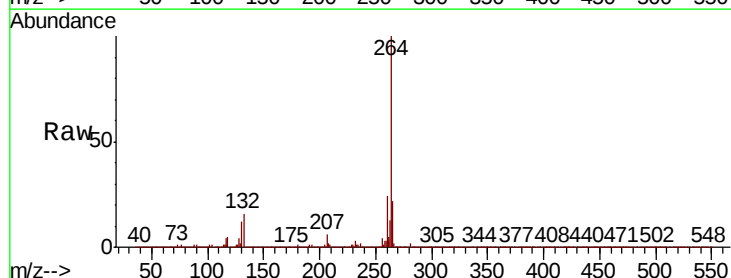
Tgt Ion:264 Resp: 1686256

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.8 17.7 26.5



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

