

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 :
 PB131271TB

Quant Time: Aug 28 16:35:37 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

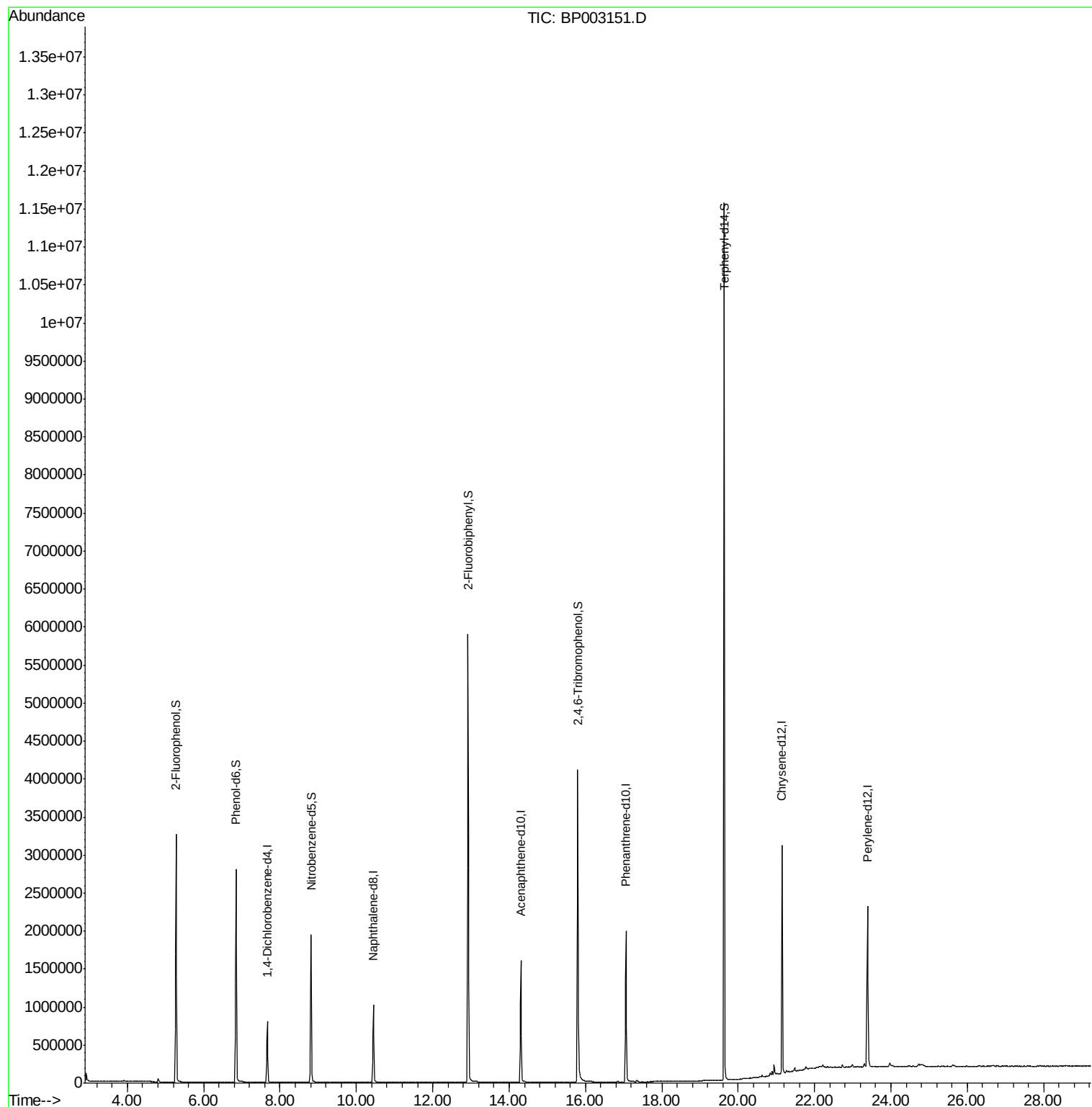
Target Compounds Qvalue

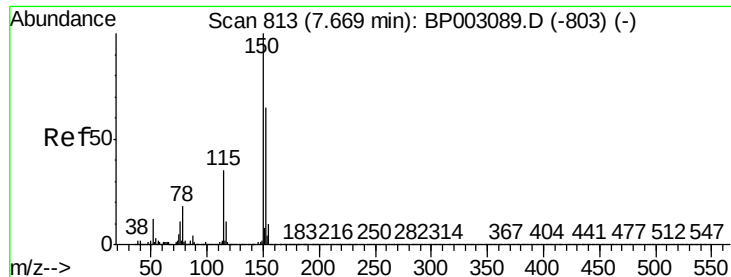
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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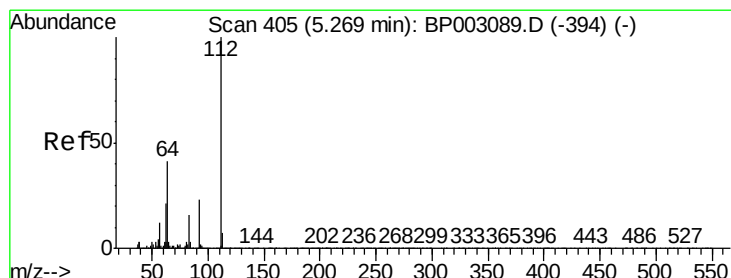
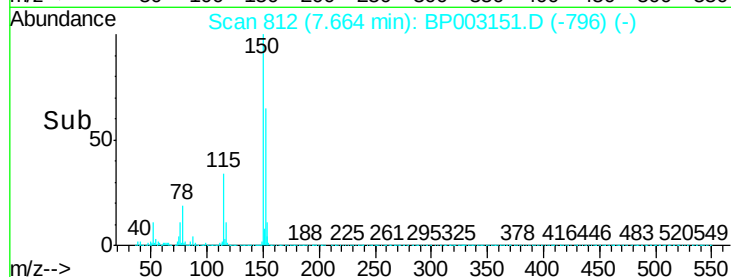
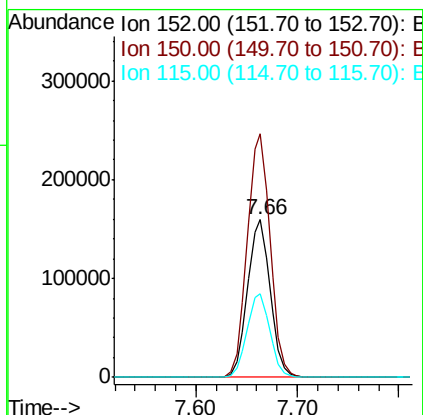
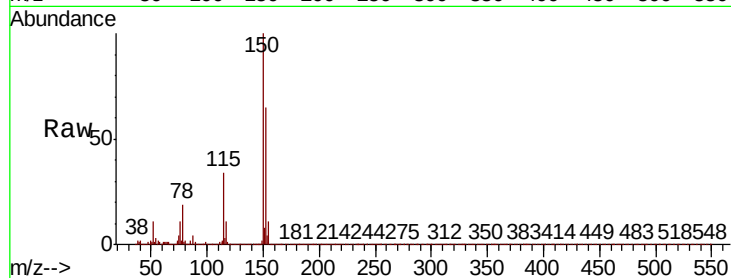


#1

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

Instrument :
BNA_P
ClientSampleId :
PB131271TB

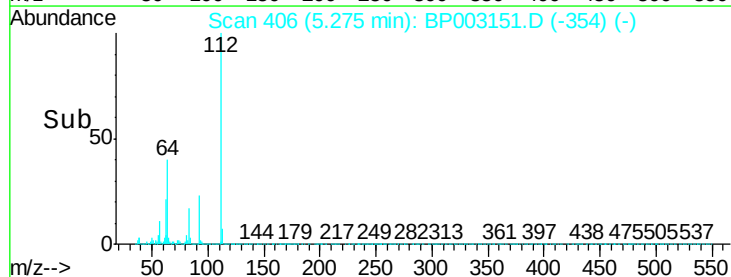
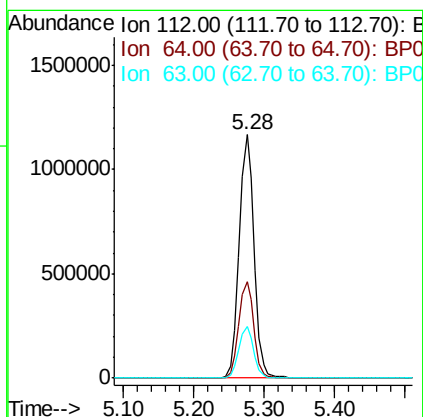
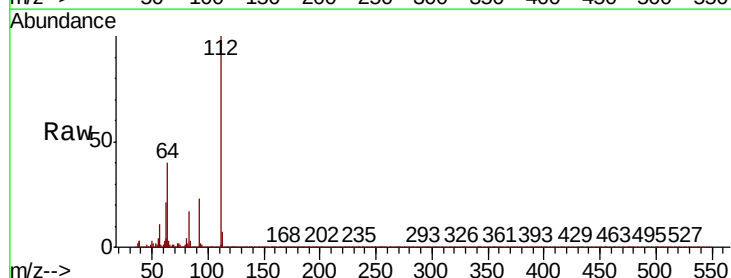
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.1	184.7
115	52.7	42.8	64.2

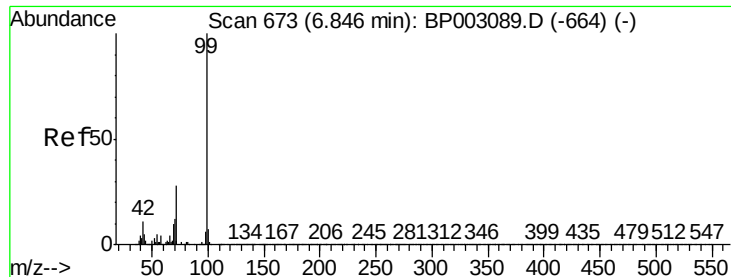


#5

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 :

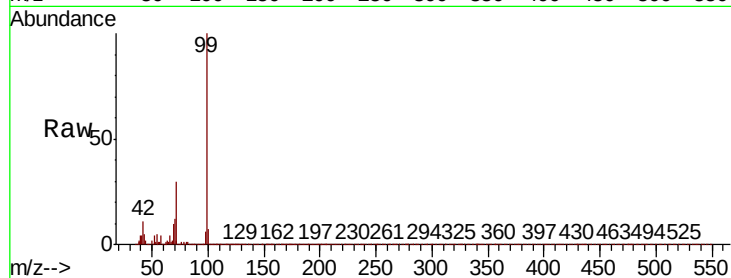
BNA_P

ClientSampleId :

PB131271TB

Tot Ion: 99 Resp: 1980392

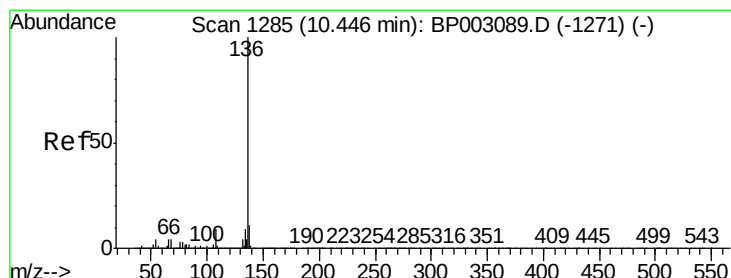
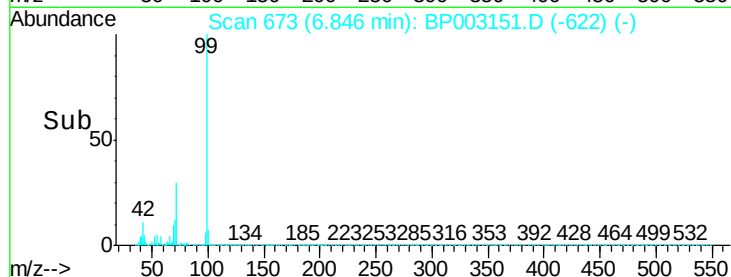
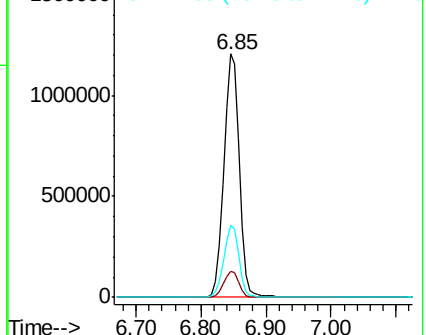
Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.5	12.7
71	29.5	22.8	34.2



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

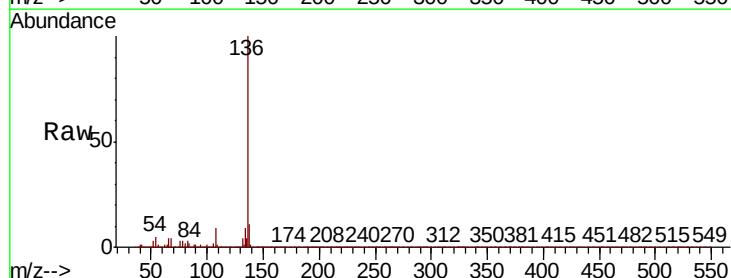
Delta R.T. -0.01 min

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

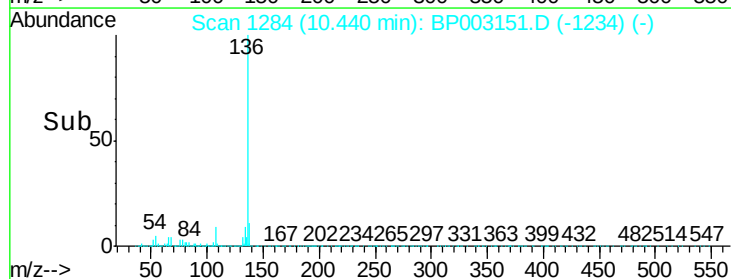
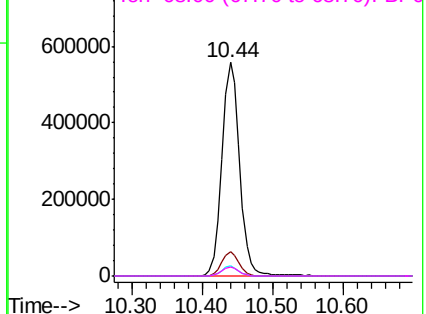


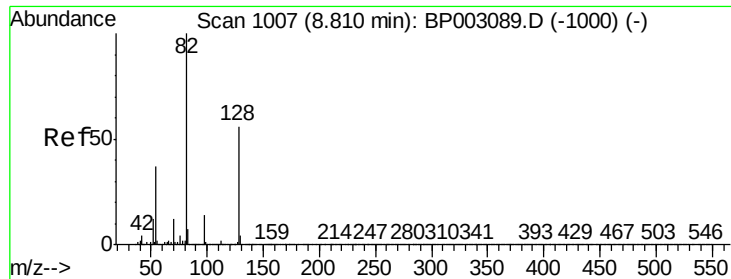
Abundance Ion 136.00 (135.70 to 136.70): E

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

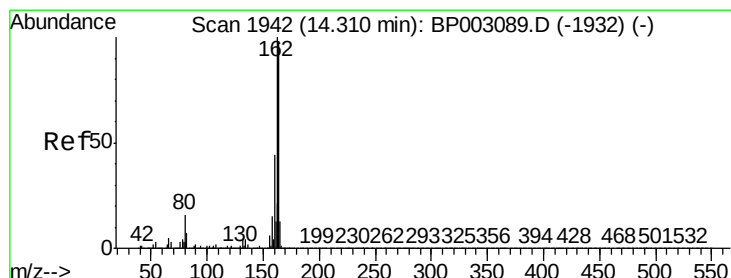
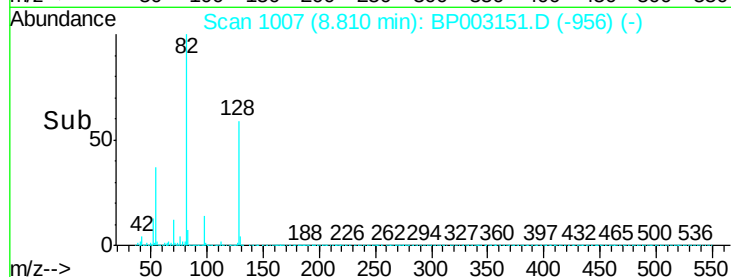
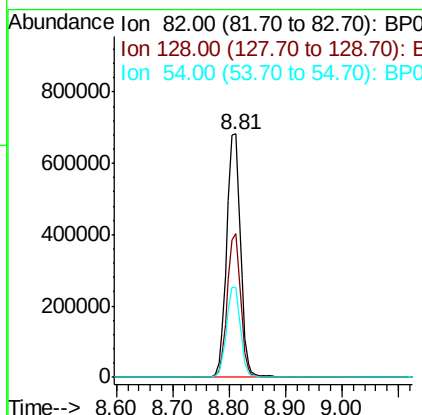
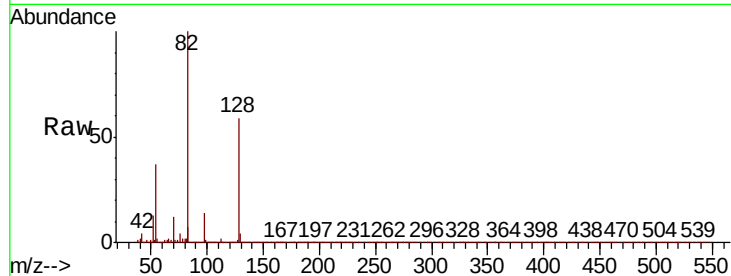




#23
Nitrobenzene-d5
Concen: 86.645 ng
RT: 8.81 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BP003151.D
Acq: 28 Aug 2020 15:22

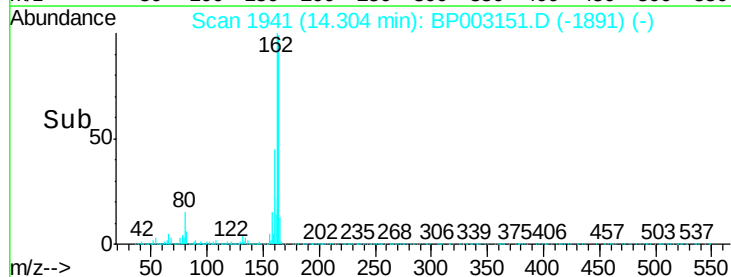
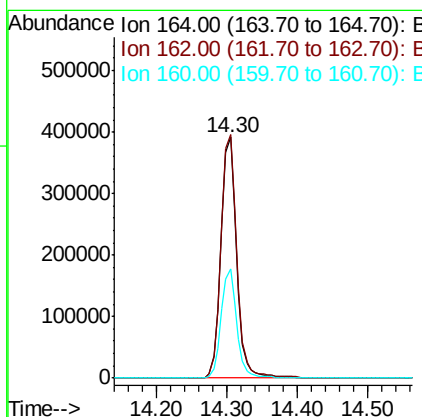
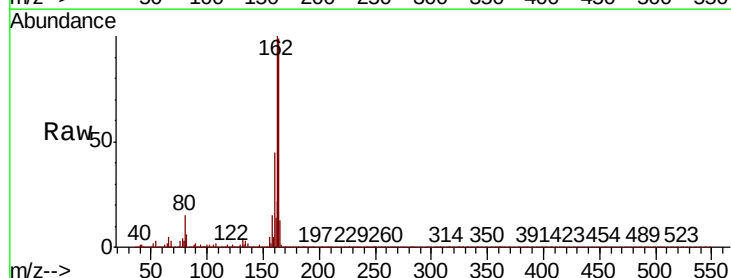
Instrument :
BNA_P
ClientSampleId :
PB131271TB

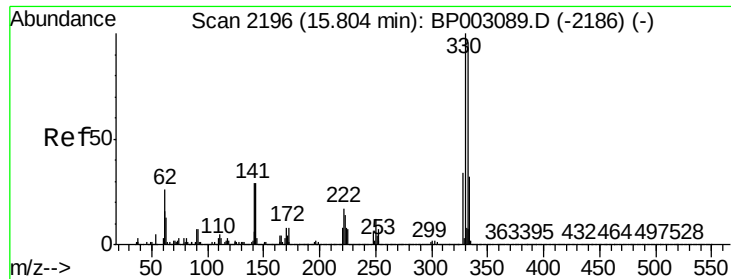
Tot Ion: 82 Resp: 1174081
Ion Ratio Lower Upper
82 100
128 58.9 44.9 67.3
54 37.2 29.4 44.2



#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

Tgt Ion:164 Resp: 607539
Ion Ratio Lower Upper
164 100
162 101.1 81.2 121.8
160 45.6 36.0 54.0

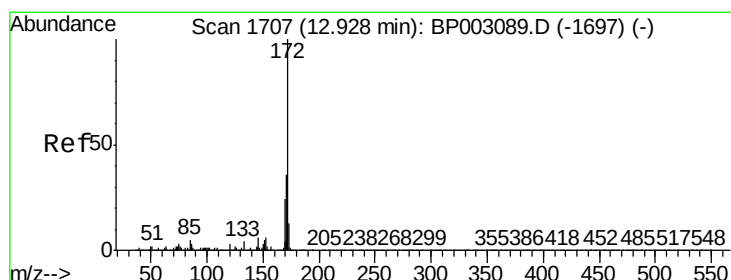
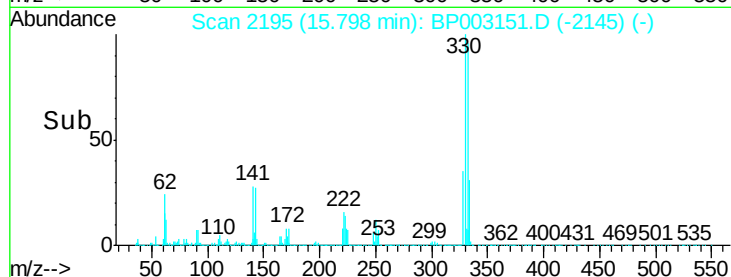
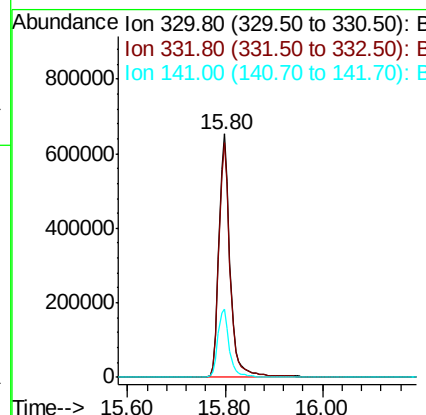
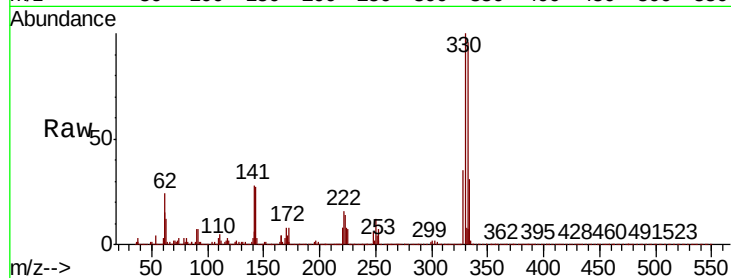




#42
2,4,6-Tribromophenol
Concen: 127.464 ng
RT: 15.80 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BP003151.D
Acq: 28 Aug 2020 15:22

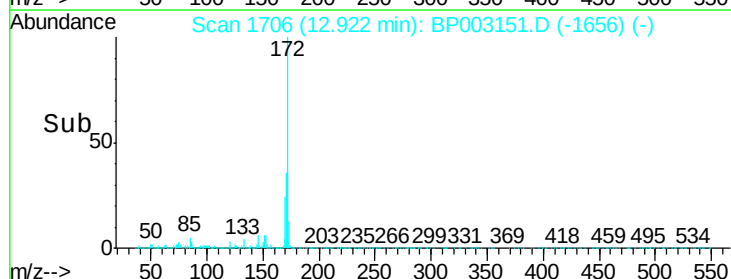
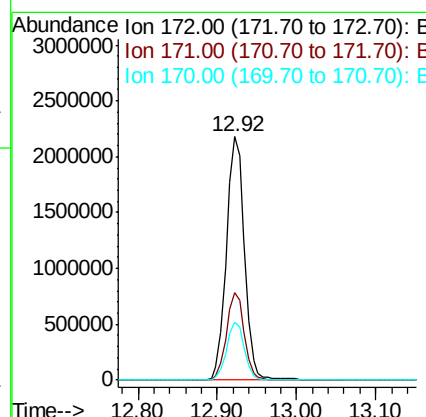
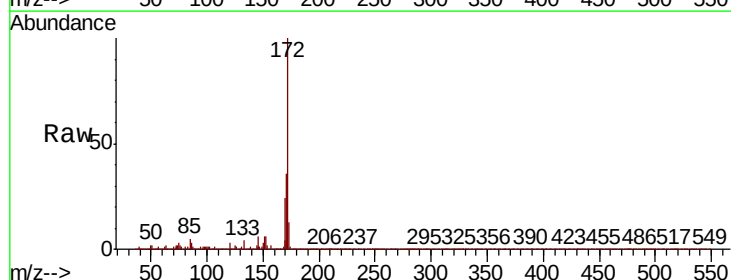
Instrument :
BNA_P
ClientSampleId :
PB131271TB

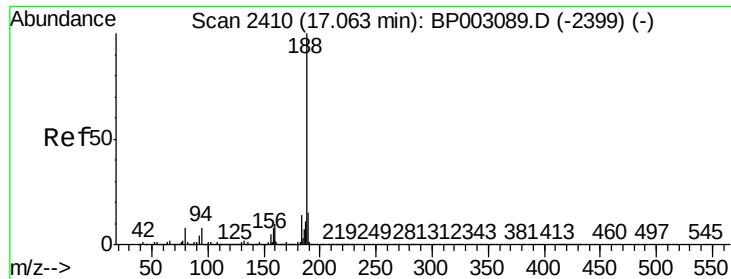
Tot Ion:330 Resp: 1047348
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 28.8 24.4 36.6



#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

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





#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 :

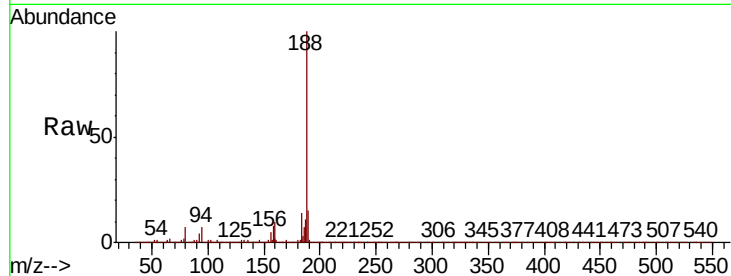
BNA_P

ClientSampleId :

PB131271TB

Tot Ion:188 Resp: 1369149

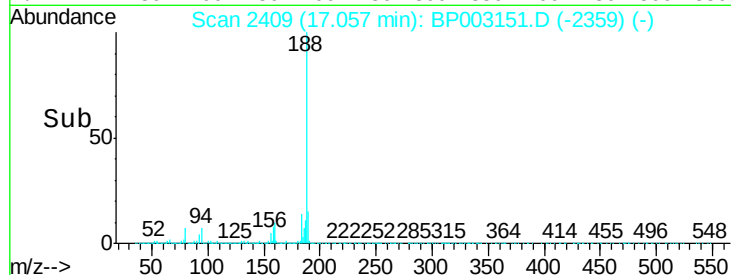
Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.4
80	7.2	6.4	9.6



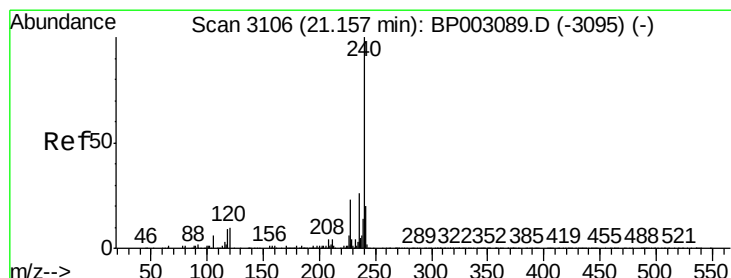
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



Time--> 16.90 17.00 17.10



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3104

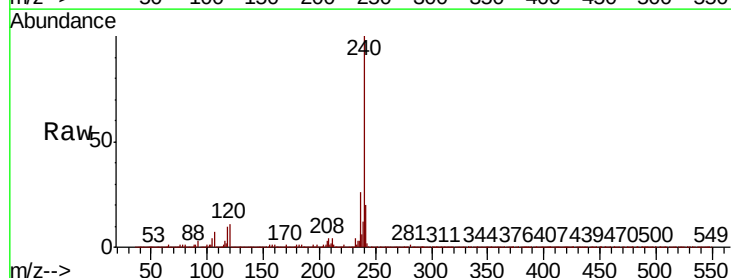
Delta R.T. -0.01 min

Lab File: BP003151.D

Acq: 28 Aug 2020 15:22

Tgt Ion:240 Resp: 1545529

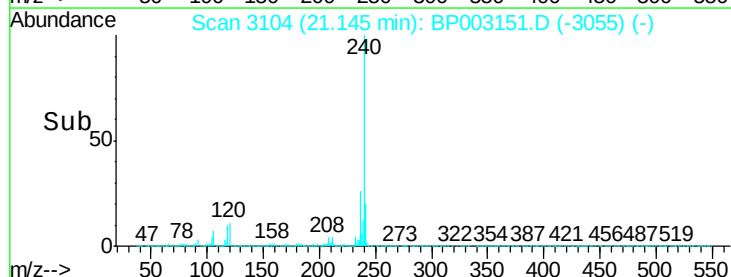
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	25.8	20.6	31.0



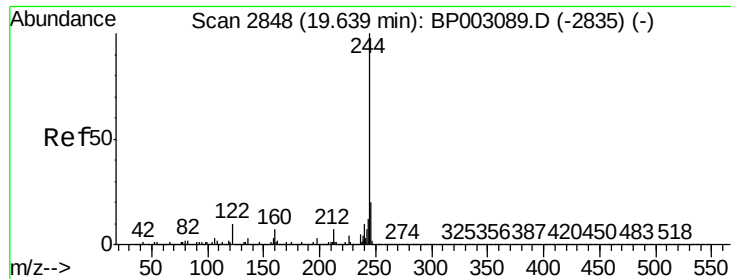
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.00 21.10 21.20 21.30



#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

ClientSampleId :

PB131271TB

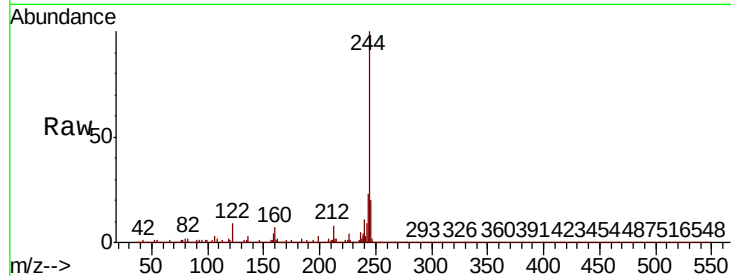
Tot Ion:244 Resp: 5285935

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

122 9.2 7.7 11.5

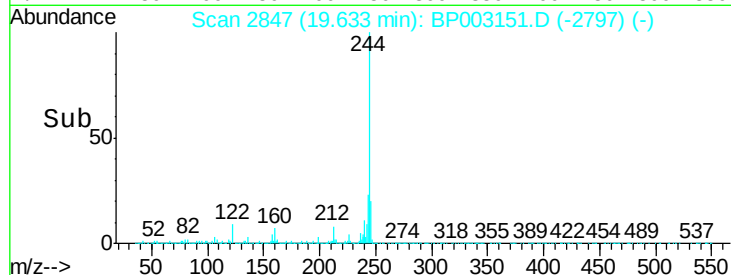


Abundance Ion 244.00 (243.70 to 244.70): E

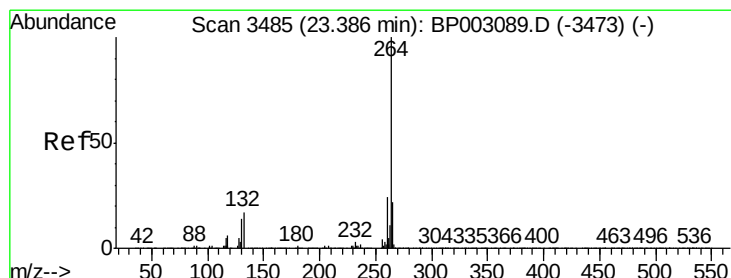
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 19.40 19.63 19.80



Time--> 19.40 19.63 19.80



#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

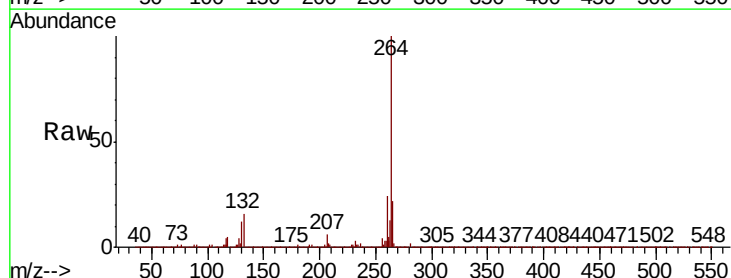
Tgt Ion:264 Resp: 1686256

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.8 17.7 26.5

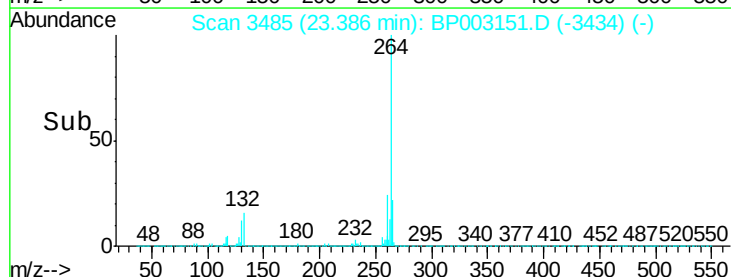


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time--> 23.30 23.39 23.50



Time--> 23.30 23.39 23.50