

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082420\
 Data File : BP003094.D
 Acq On : 24 Aug 2020 16:24
 Operator : CG/JU
 Sample : PB131130BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131130BL

Quant Time: Aug 24 17:18:10 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	239856	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	926420	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	528665	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1109997	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1189610	20.00	ng	0.00
86) Perylene-d12	23.39	264	1317309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1617005	119.19	ng	0.00
7) Phenol-d6	6.85	99	1863507	109.58	ng	0.00
23) Nitrobenzene-d5	8.81	82	1082373	84.23	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	787404	110.13	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3039979	84.21	ng	0.00
79) Terphenyl-d14	19.64	244	4186636	77.44	ng	0.00

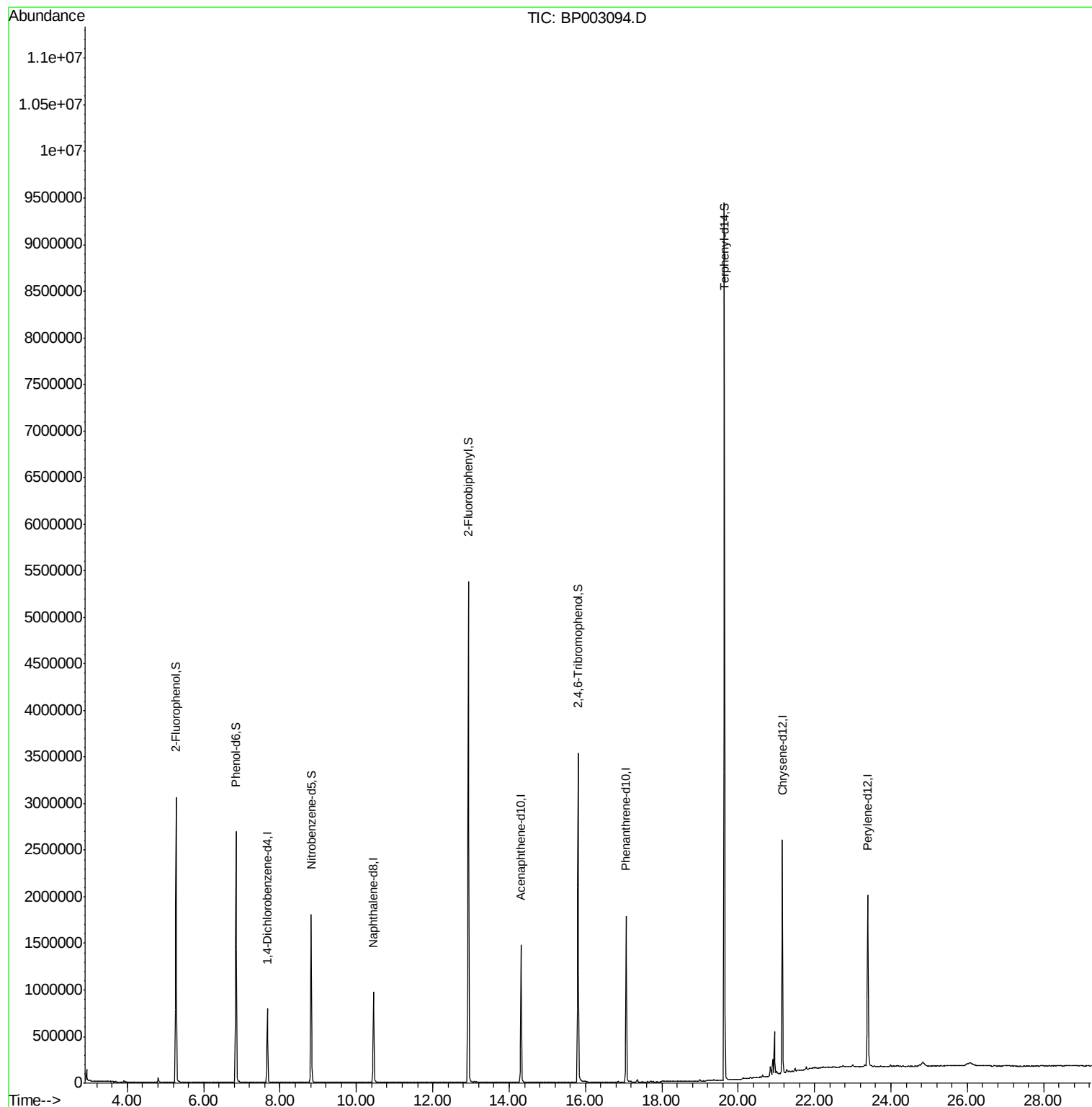
Target Compounds Qvalue

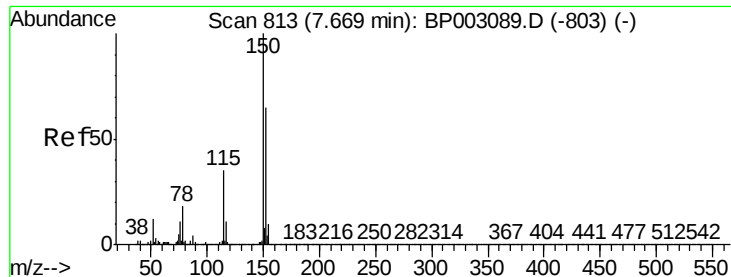
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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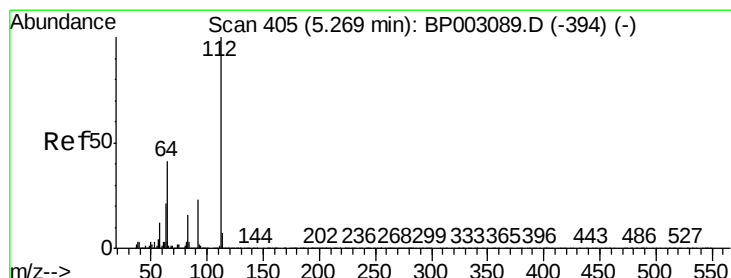
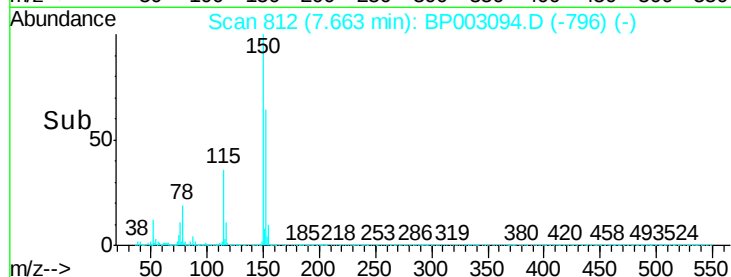
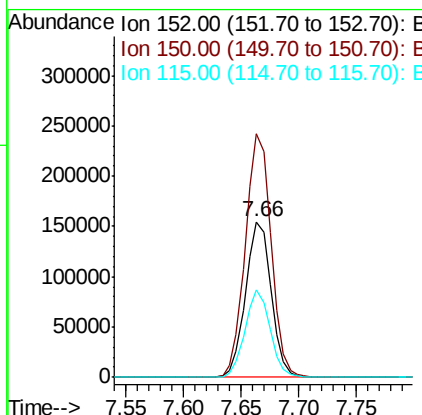
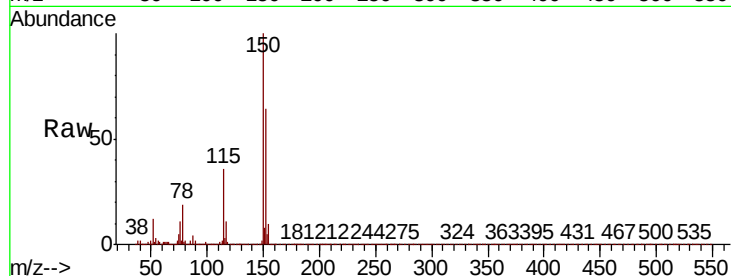


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003094.D
Acq: 24 Aug 2020 16:24

Instrument :
BNA_P
ClientSampleId :
PB131130BL

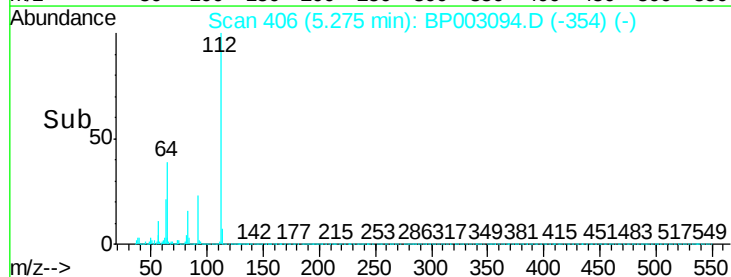
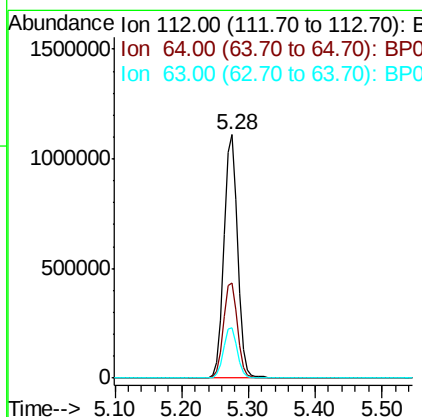
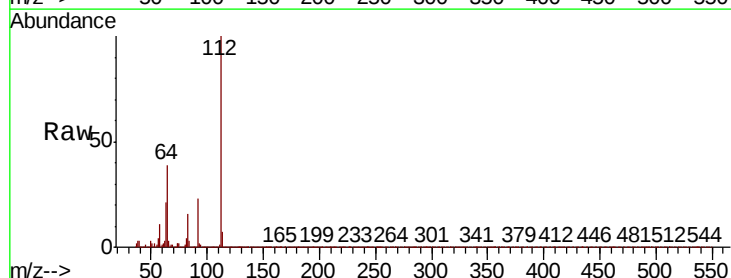
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.1	184.7
115	56.0	42.8	64.2

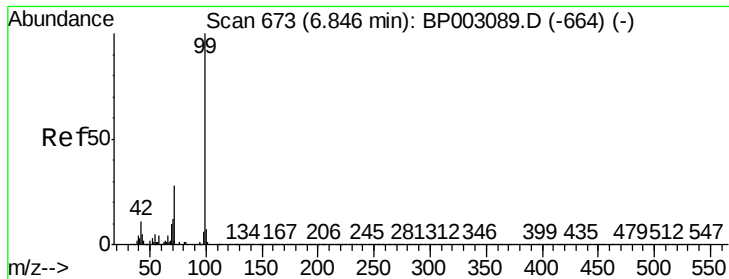


#5

2-Fluorophenol
Concen: 119.193 ng
RT: 5.28 min Scan# 406
Delta R.T. 0.01 min
Lab File: BP003094.D
Acq: 24 Aug 2020 16:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.3	33.0	49.6
63	20.7	16.9	25.3





#7

Phenol-d6

Concen: 109.577 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP003094.D

Acq: 24 Aug 2020 16:24

Instrument :

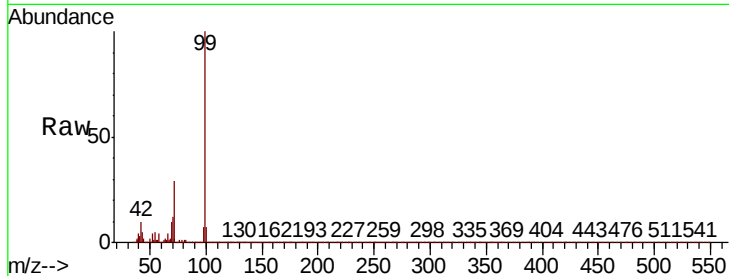
BNA_P

ClientSampleId :

PB131130BL

Tot Ion: 99 Resp: 1863507

Ion	Ratio	Lower	Upper
99	100		
42	10.3	8.5	12.7
71	29.2	22.8	34.2

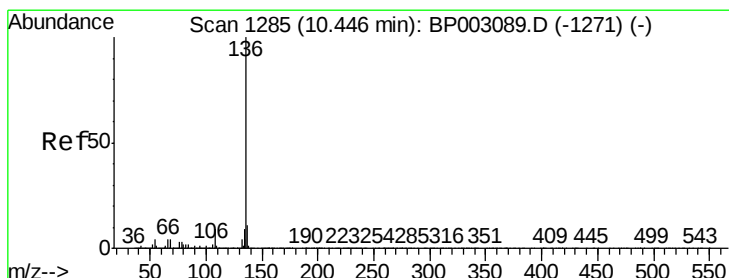
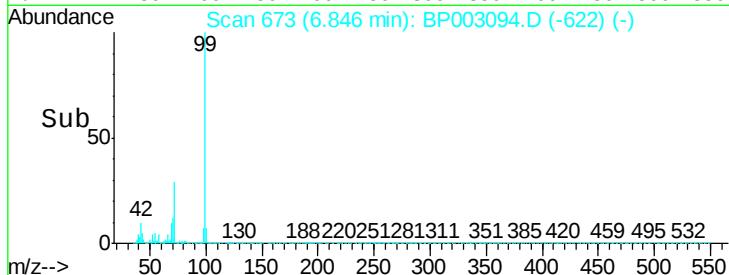
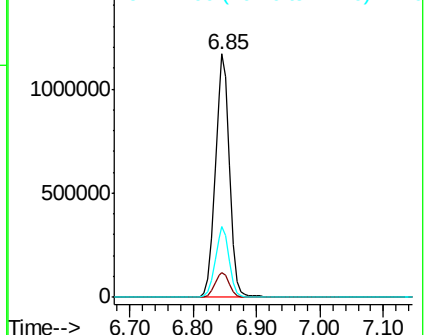


Abundance

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: 10.45 min Scan# 1285

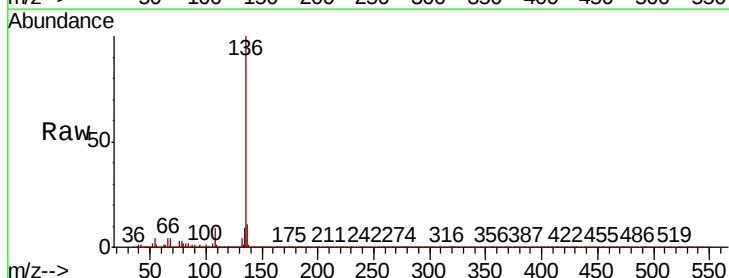
Delta R.T. 0.00 min

Lab File: BP003094.D

Acq: 24 Aug 2020 16:24

Tgt Ion: 136 Resp: 926420

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	4.4	3.5	5.3
68	4.1	3.2	4.8



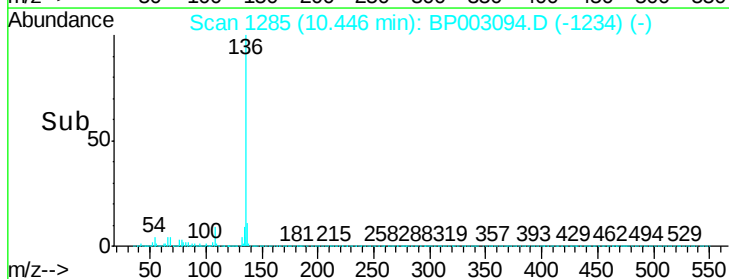
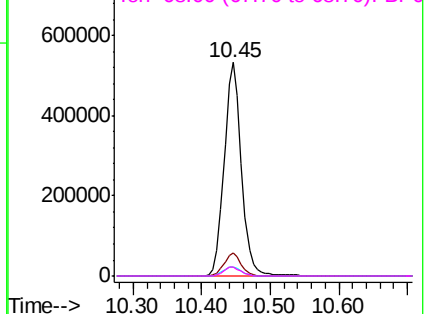
Abundance

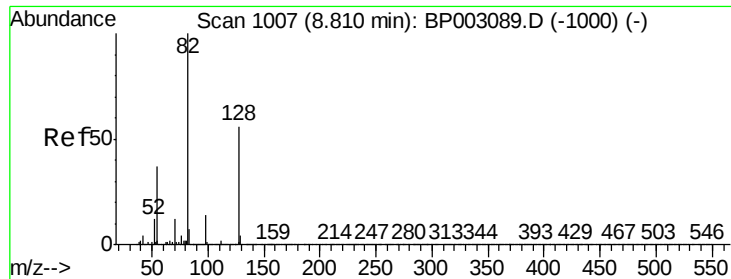
Ion 136.00 (135.70 to 136.70): E

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

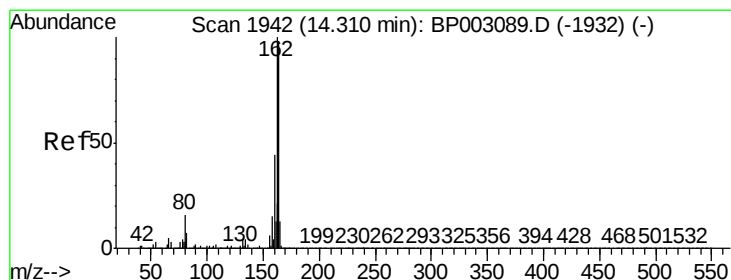
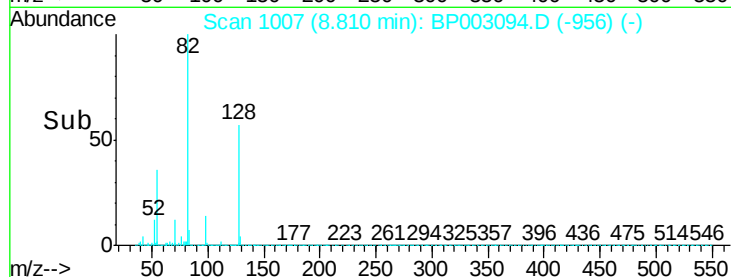
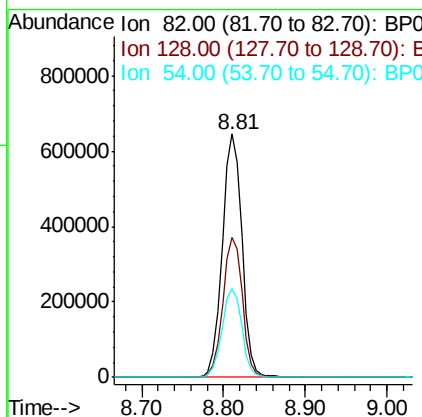
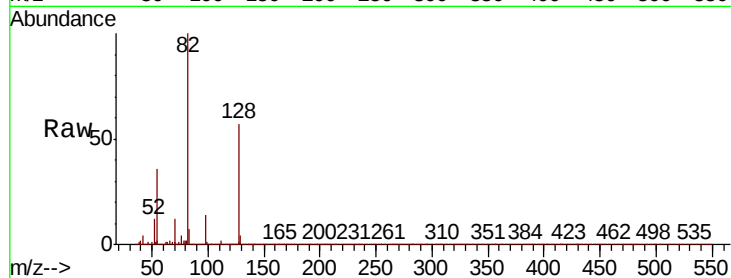




#23
 Nitrobenzene-d5
 Concen: 84.226 ng
 RT: 8.81 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BP003094.D
 Acq: 24 Aug 2020 16:24

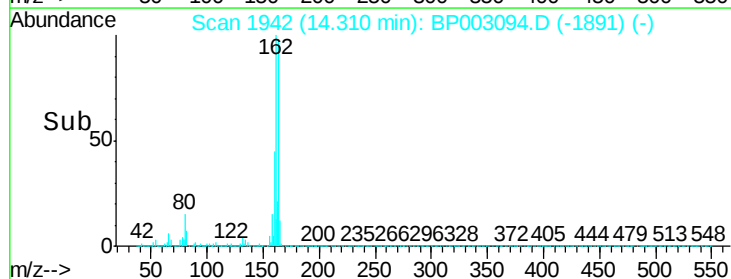
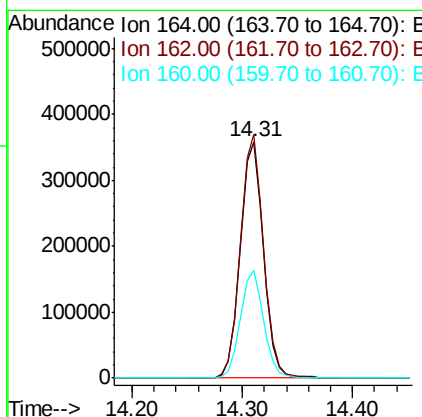
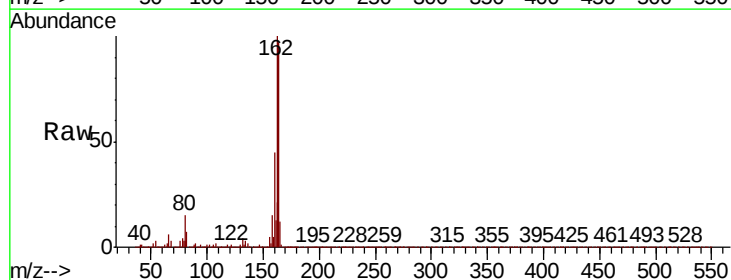
Instrument :
 BNA_P
 ClientSampleId :
 PB131130BL

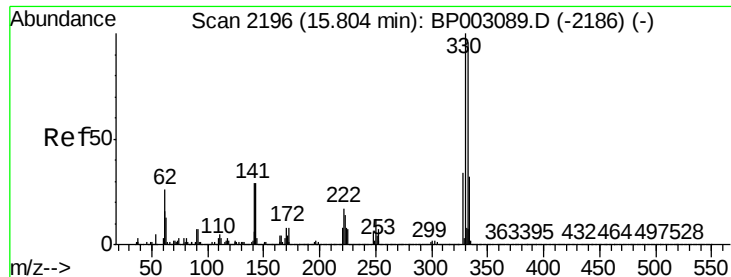
Tot Ion: 82 Resp: 1082373
 Ion Ratio Lower Upper
 82 100
 128 57.2 44.9 67.3
 54 36.4 29.4 44.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.31 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: BP003094.D
 Acq: 24 Aug 2020 16:24

Tgt Ion:164 Resp: 528665
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.2 121.8
 160 45.9 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 110.126 ng

RT: 15.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BP003094.D

Acq: 24 Aug 2020 16:24

Instrument :

BNA_P

ClientSampleId :

PB131130BL

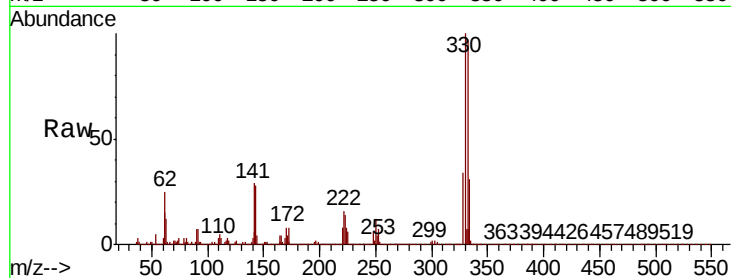
Tot Ion:330 Resp: 787404

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

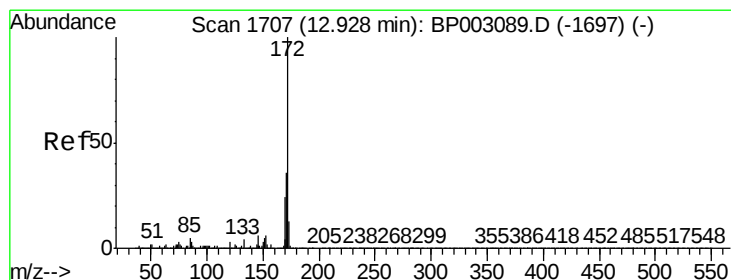
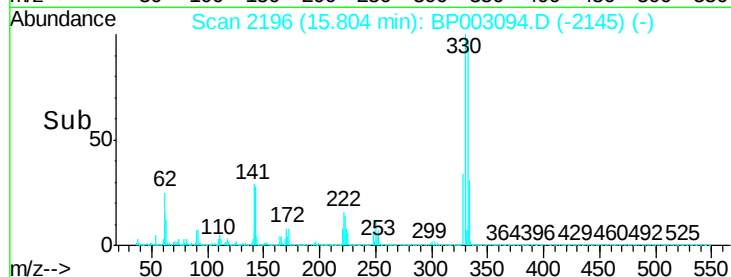
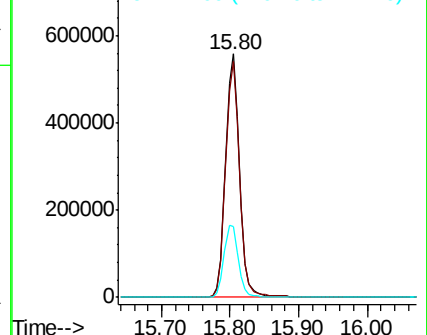
141 30.3 24.4 36.6



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



#45

2-Fluorobiphenyl

Concen: 84.210 ng

RT: 12.93 min Scan# 1707

Delta R.T. 0.00 min

Lab File: BP003094.D

Acq: 24 Aug 2020 16:24

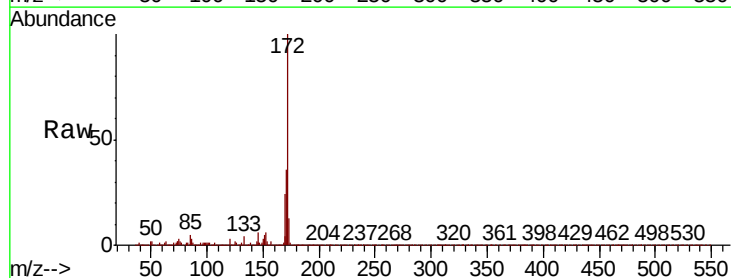
Tgt Ion:172 Resp: 3039979

Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

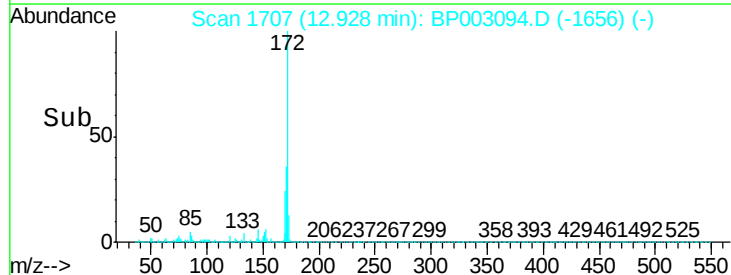
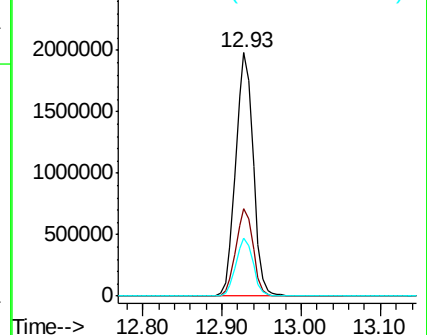
170 23.7 19.0 28.4

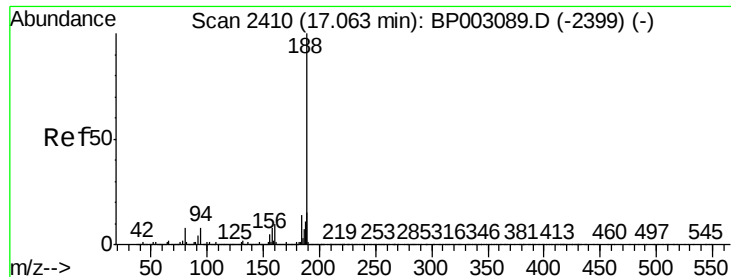


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

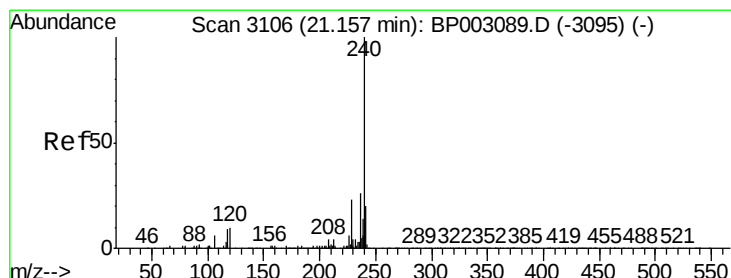
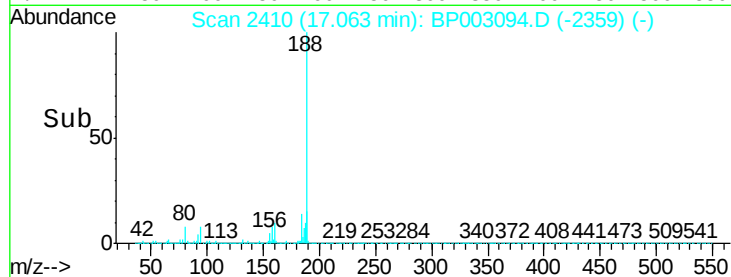
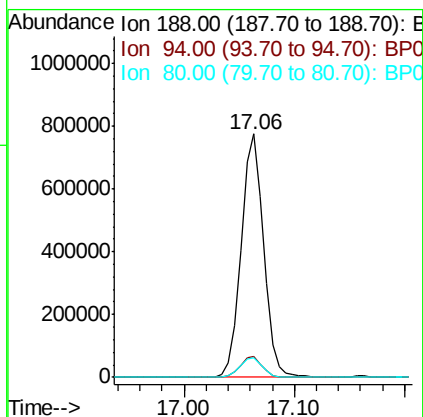
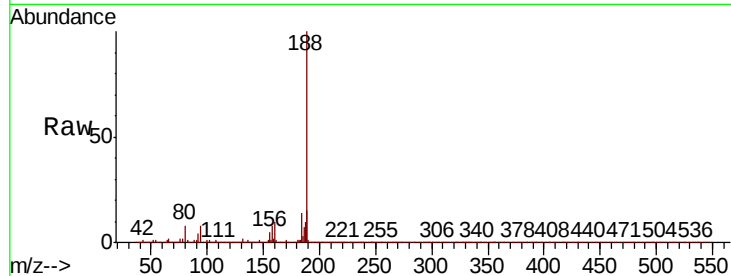




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2410
Delta R.T. 0.00 min
Lab File: BP003094.D
Acq: 24 Aug 2020 16:24

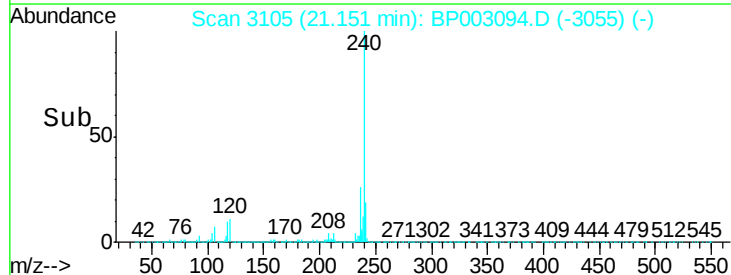
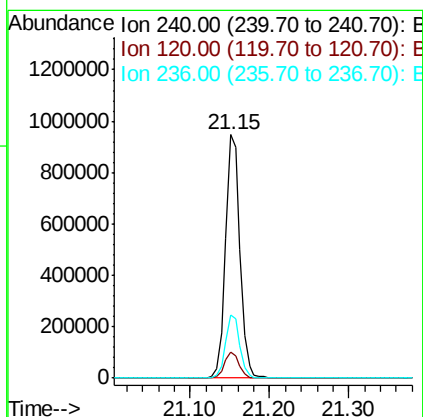
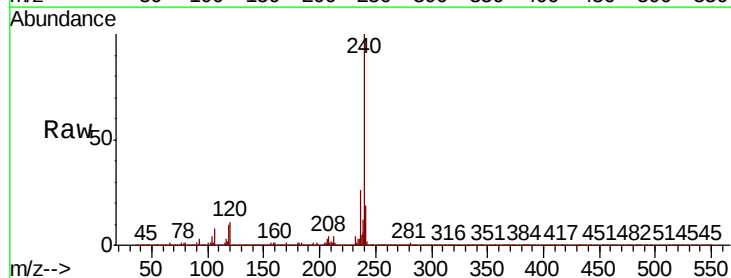
Instrument :
BNA_P
ClientSampleId :
PB131130BL

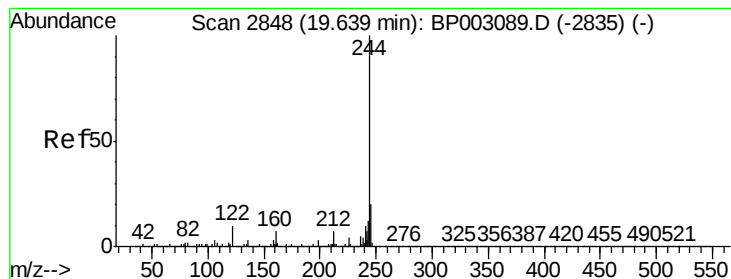
Tot Ion:188 Resp: 1109997
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.4
80 7.9 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BP003094.D
Acq: 24 Aug 2020 16:24

Tgt Ion:240 Resp: 1189610
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 25.7 20.6 31.0





#79

Terphenyl-d14

Concen: 77.440 ng

RT: 19.64 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BP003094.D

Acq: 24 Aug 2020 16:24

Instrument :

BNA_P

ClientSampleId :

PB131130BL

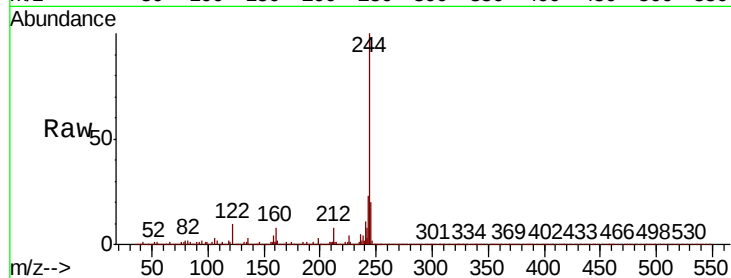
Tot Ion:244 Resp: 4186636

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

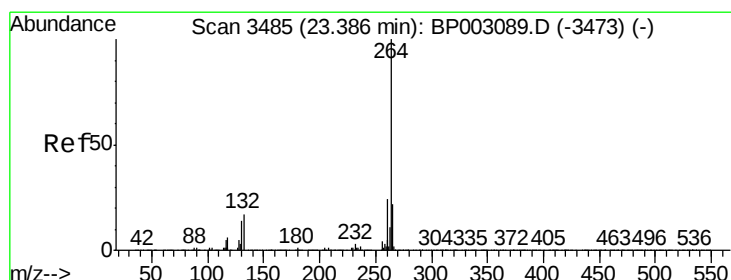
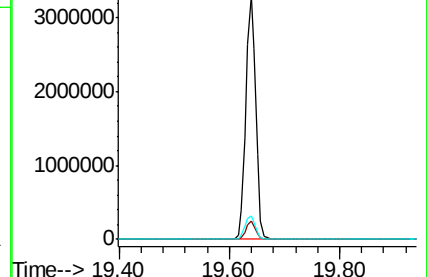
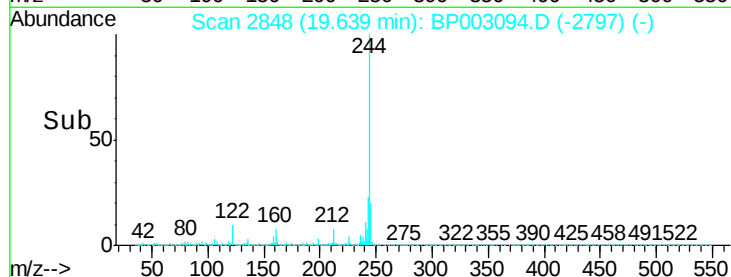
122 9.9 7.7 11.5



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# 3486

Delta R.T. 0.01 min

Lab File: BP003094.D

Acq: 24 Aug 2020 16:24

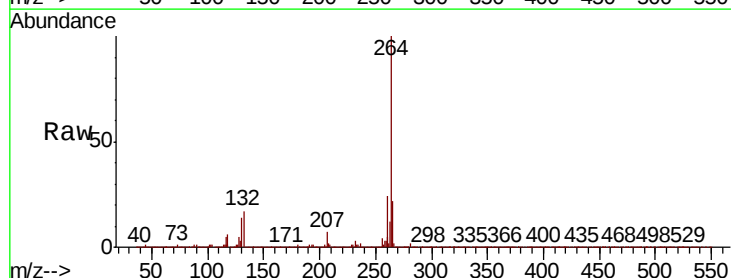
Tgt Ion:264 Resp: 1317309

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.6 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

