

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082520\
 Data File : BP003099.D
 Acq On : 25 Aug 2020 15:33
 Operator : CG/JU
 Sample : PB131201BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131201BL

Quant Time: Aug 25 16:36:57 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

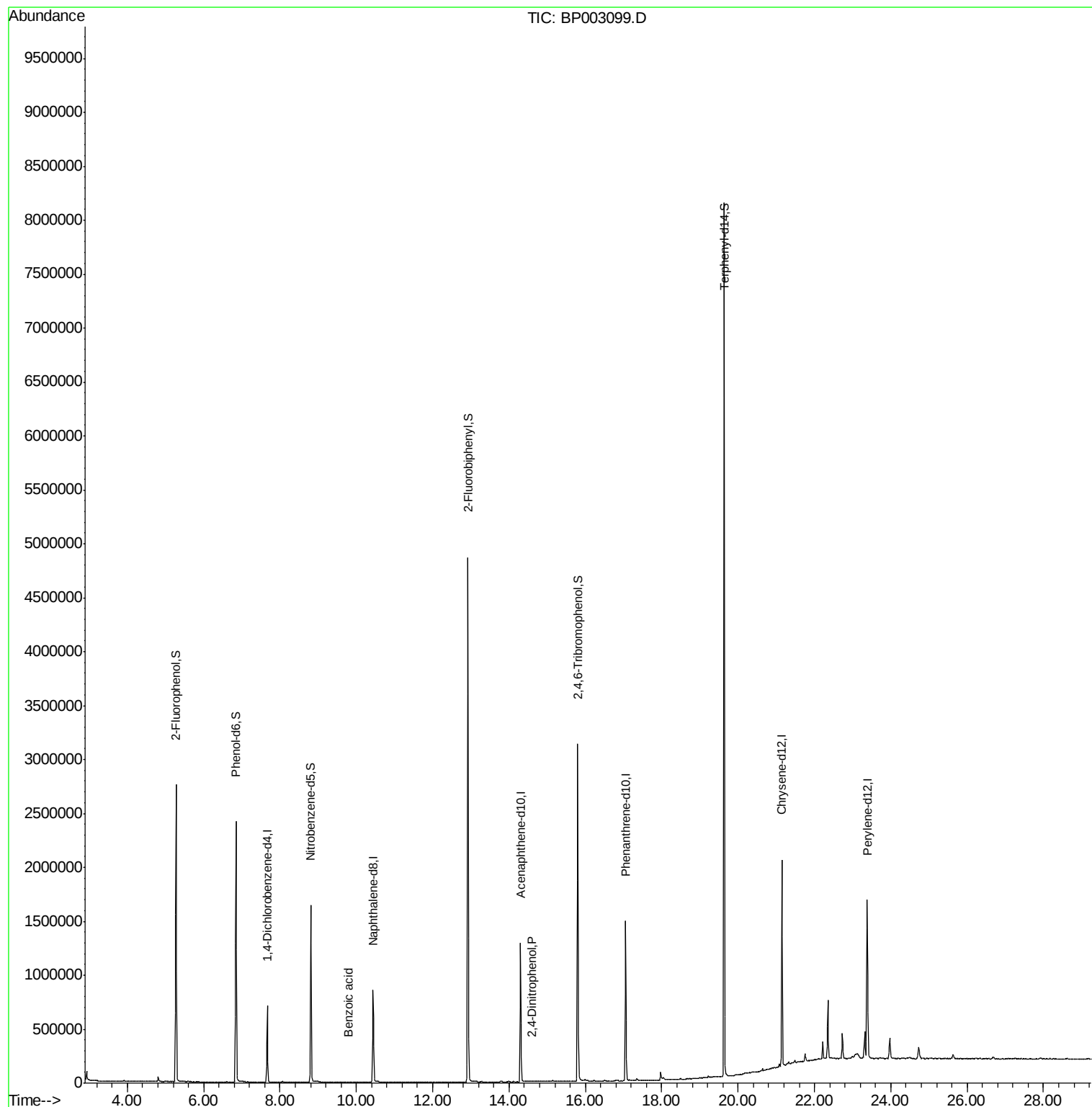
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	219025	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	820219	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	462002	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	938633	20.00	ng	0.00
76) Chrysene-d12	21.14	240	977356	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1118326	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1440437	116.28	ng	0.00
7) Phenol-d6	6.85	99	1627737	104.82	ng	0.00
23) Nitrobenzene-d5	8.81	82	959346	84.32	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	726611	116.29	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2738413	86.80	ng	0.00
79) Terphenyl-d14	19.63	244	3546885	79.85	ng	0.00
Target Compounds						
32) Benzoic acid	9.78	122	12	8.998	ng	Qvalue # 1
54) 2,4-Dinitrophenol	14.59	184	37	7.763	ng	95

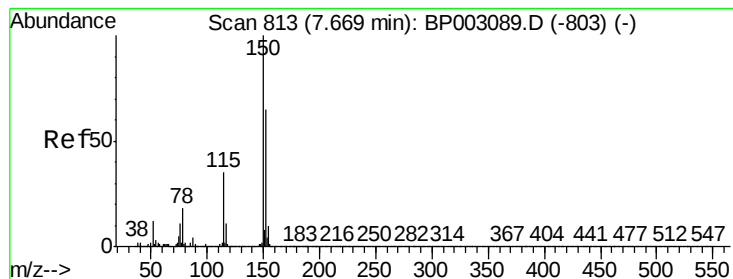
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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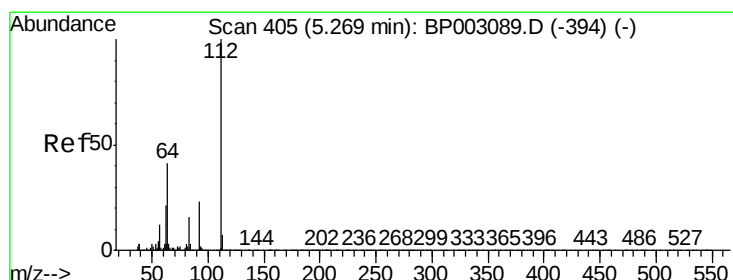
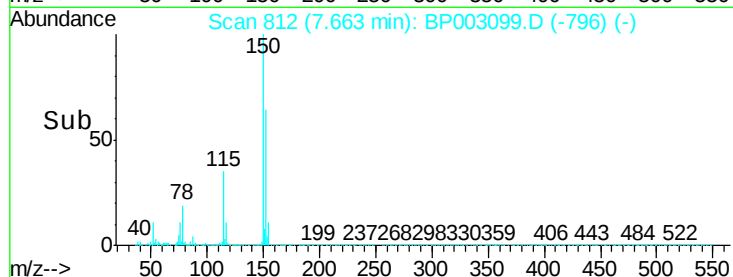
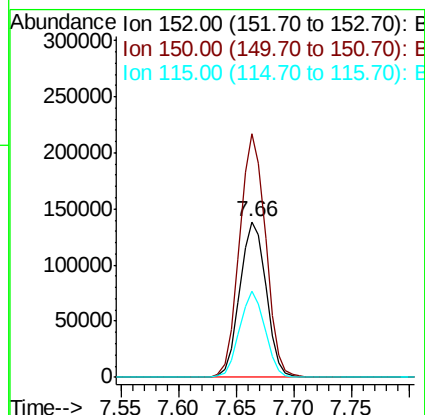
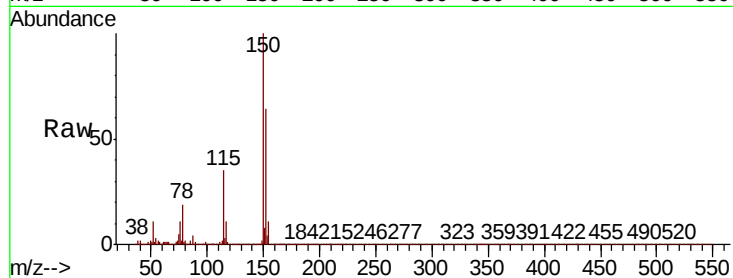


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003099.D
Acq: 25 Aug 2020 15:33

Instrument :
BNA_P
ClientSampleId :
PB131201BL

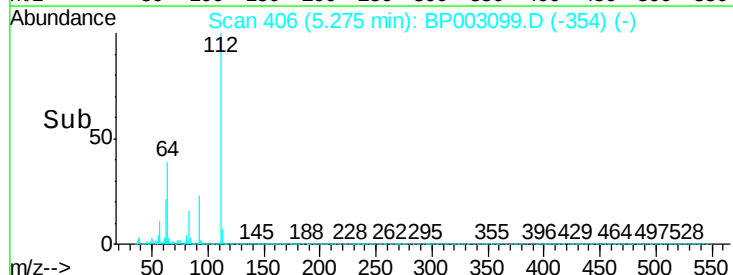
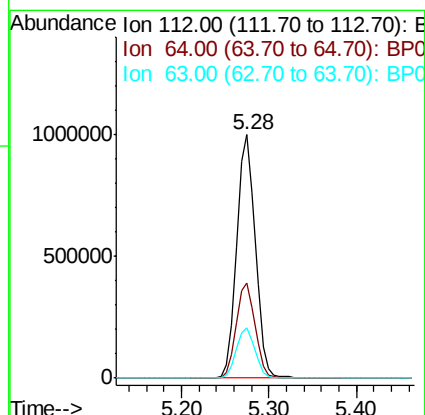
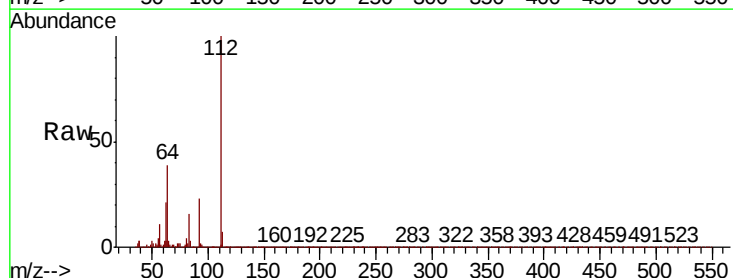
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.1	184.7
115	55.1	42.8	64.2

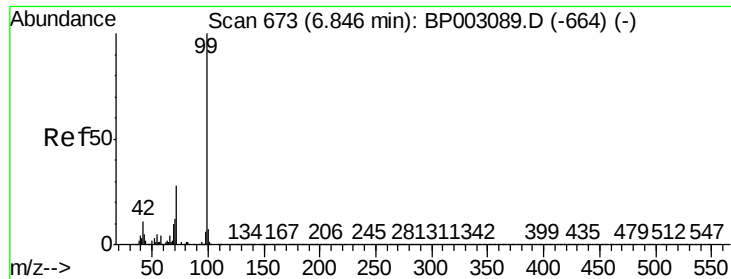


#5

2-Fluorophenol
Concen: 116.276 ng
RT: 5.28 min Scan# 406
Delta R.T. 0.01 min
Lab File: BP003099.D
Acq: 25 Aug 2020 15:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.0	33.0	49.6
63	20.7	16.9	25.3





#7

Phenol-d6

Concen: 104.817 ng

RT: 6.85 min Scan# 673

Delta R.T. -0.00 min

Lab File: BP003099.D

Acq: 25 Aug 2020 15:33

Instrument :

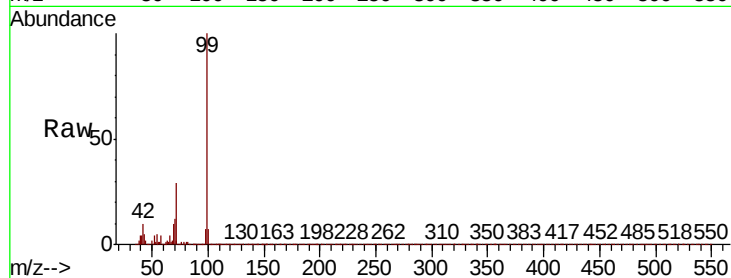
BNA_P

ClientSampleId :

PB131201BL

Tot Ion: 99 Resp: 1627737

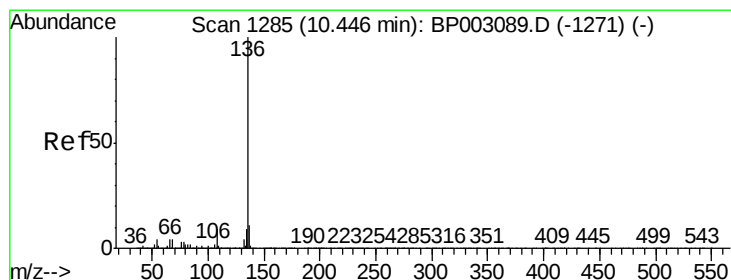
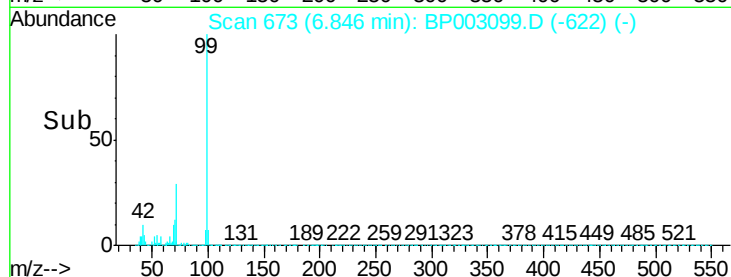
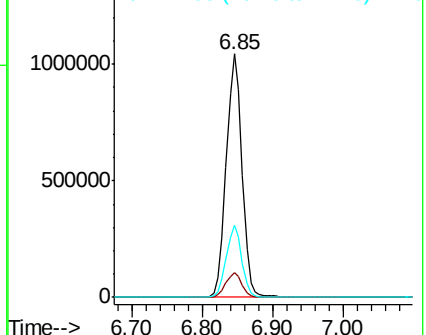
Ion	Ratio	Lower	Upper
99	100		
42	10.3	8.5	12.7
71	29.4	22.8	34.2



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

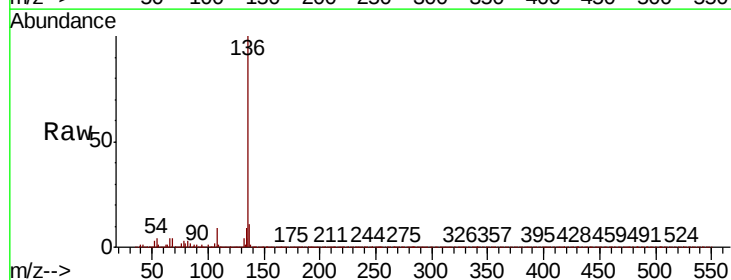
Delta R.T. -0.01 min

Lab File: BP003099.D

Acq: 25 Aug 2020 15:33

Tgt Ion: 136 Resp: 820219

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	4.4	3.5	5.3
68	4.0	3.2	4.8

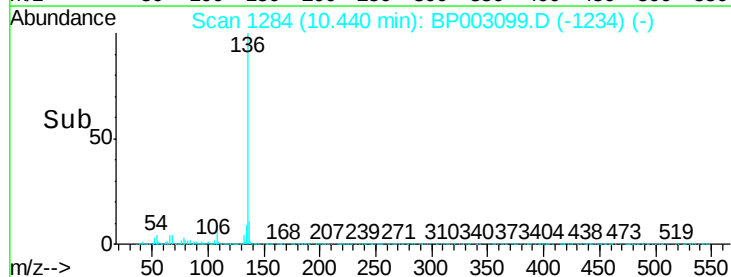
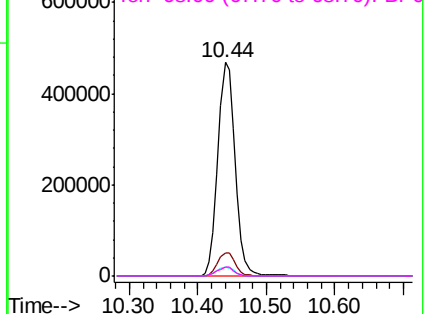


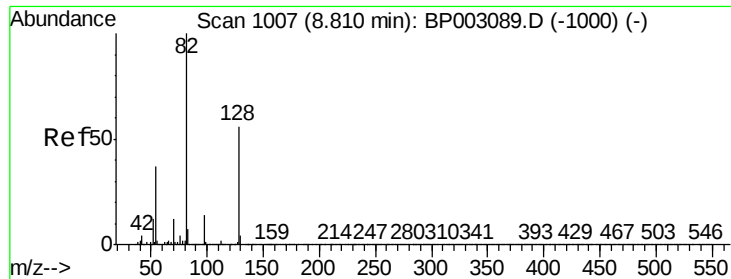
Abundance Ion 136.00 (135.70 to 136.70): E

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

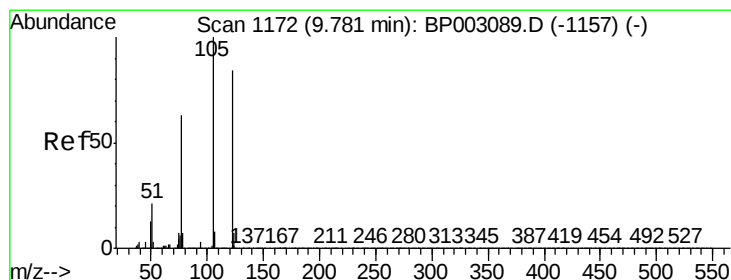
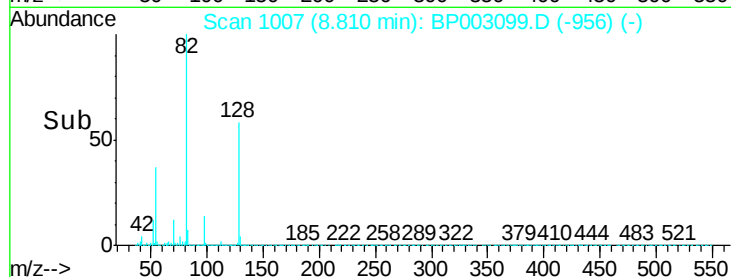
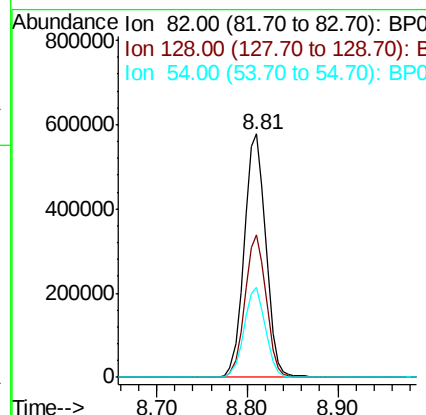
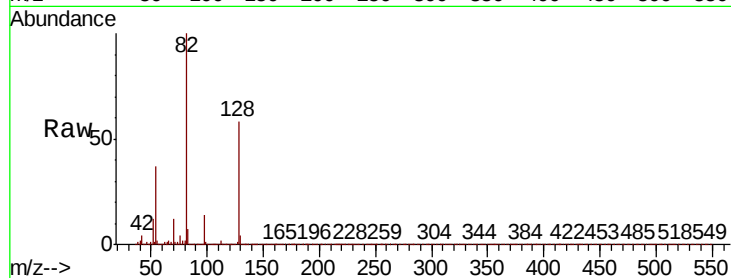




#23
 Nitrobenzene-d5
 Concen: 84.319 ng
 RT: 8.81 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BP003099.D
 Acq: 25 Aug 2020 15:33

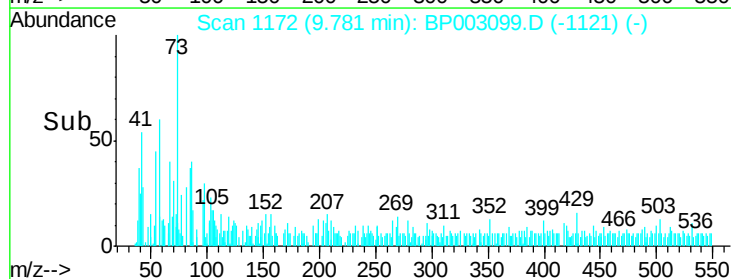
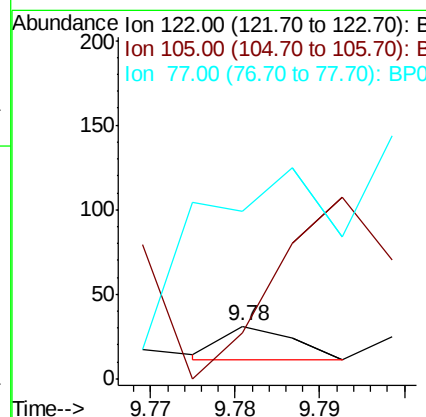
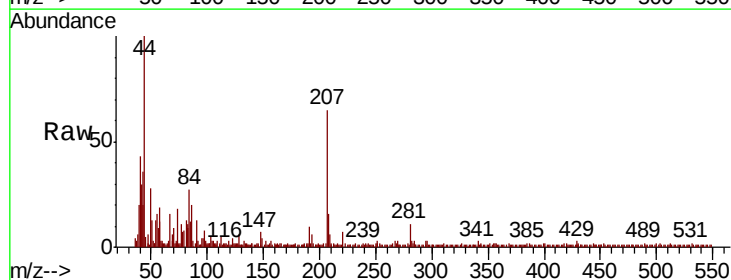
Instrument :
 BNA_P
 ClientSampleId :
 PB131201BL

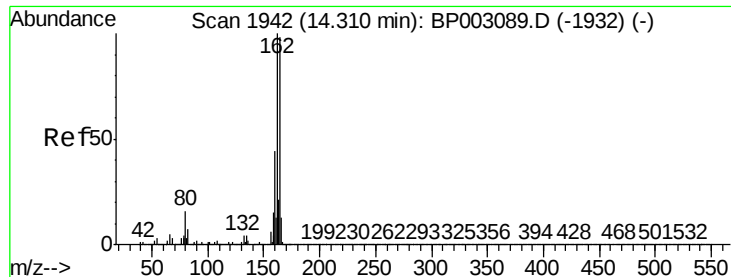
Tot Ion	Ratio	Lower	Upper
82	100		
128	58.4	44.9	67.3
54	36.8	29.4	44.2



#32
 Benzoic acid
 Concen: 8.998 ng
 RT: 9.78 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BP003099.D
 Acq: 25 Aug 2020 15:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	151.6	98.1	138.1#
77	319.4	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: BP003099.D

Acq: 25 Aug 2020 15:33

Instrument :

BNA_P

ClientSampleId :

PB131201BL

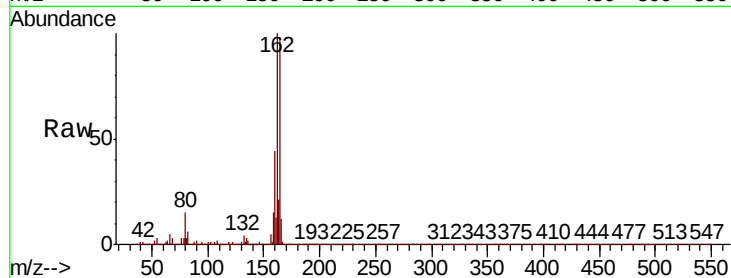
Tot Ion:164 Resp: 462002

Ion Ratio Lower Upper

164 100

162 102.2 81.2 121.8

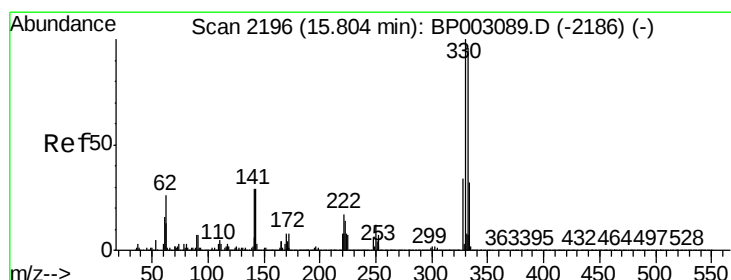
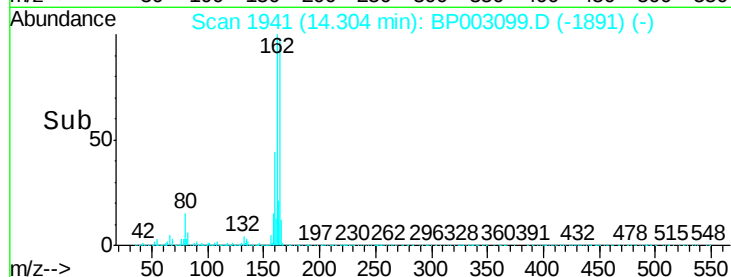
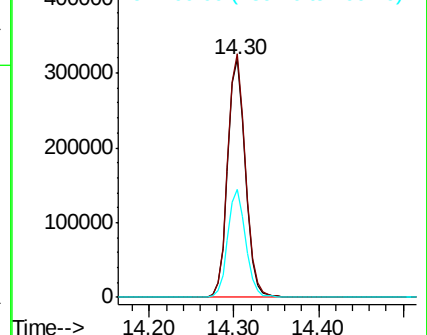
160 45.1 36.0 54.0



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



#42

2,4,6-Tribromophenol

Concen: 116.286 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003099.D

Acq: 25 Aug 2020 15:33

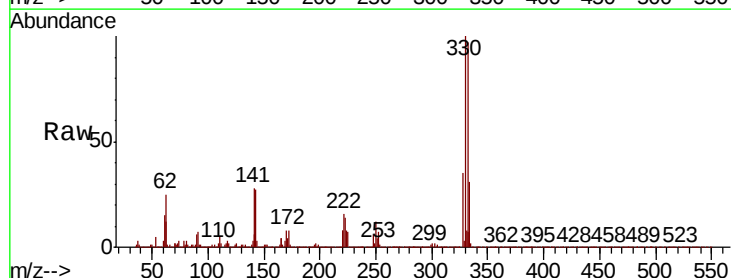
Tgt Ion:330 Resp: 726611

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

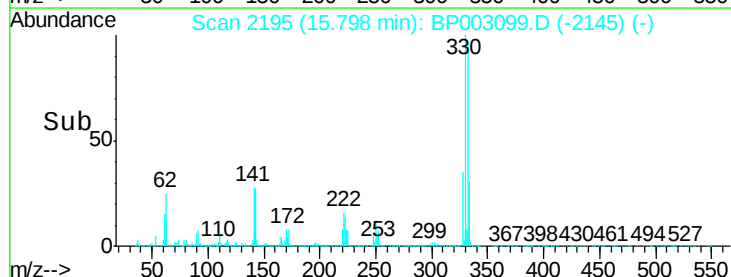
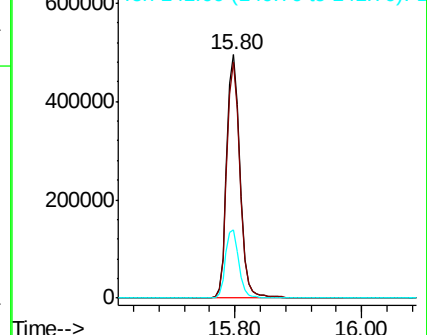
141 28.7 24.4 36.6

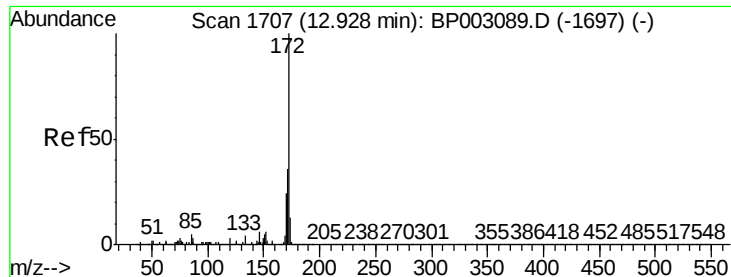


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

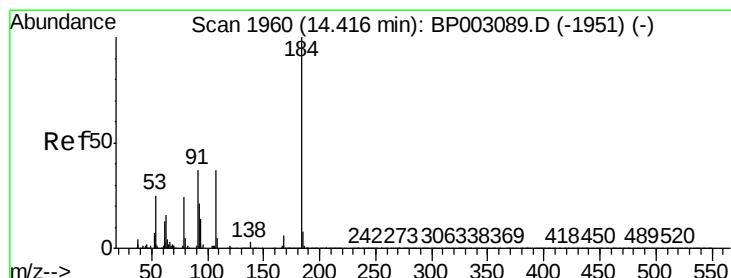
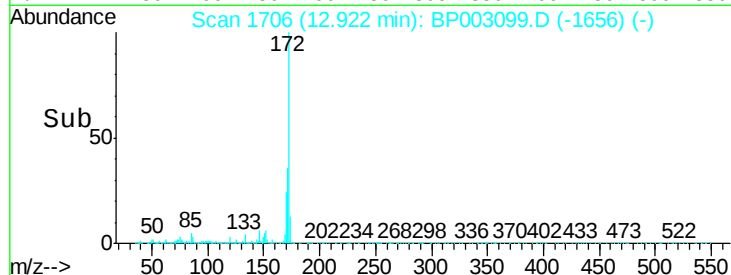
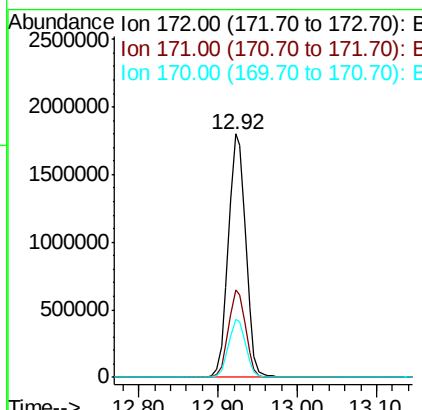
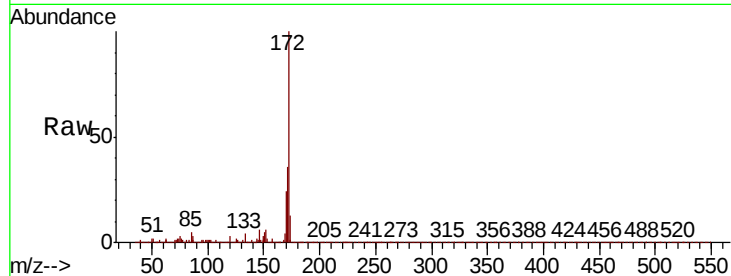




#45
2-Fluorobiphenyl
Concen: 86.802 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003099.D
Acq: 25 Aug 2020 15:33

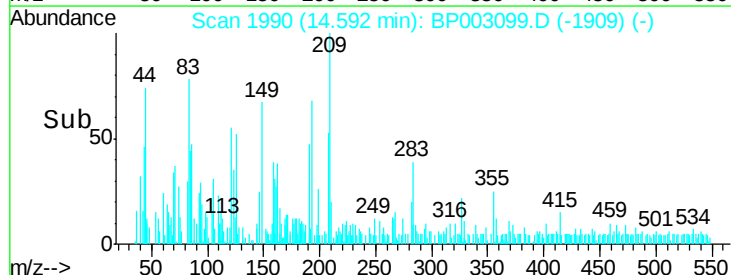
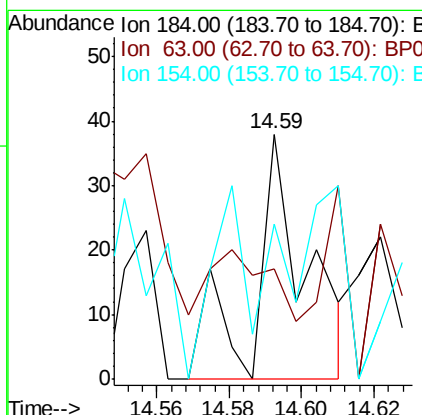
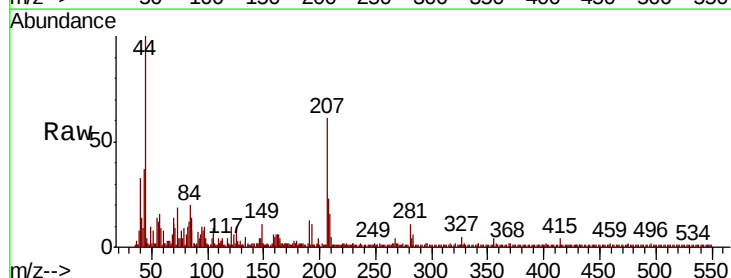
Instrument :
BNA_P
ClientSampleId :
PB131201BL

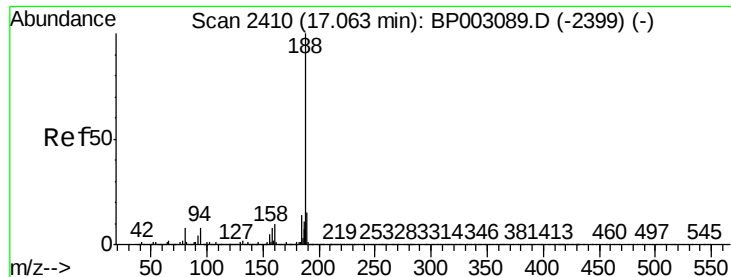
Tot Ion:172 Resp: 2738413
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.6 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 7.763 ng
RT: 14.59 min Scan# 1990
Delta R.T. 0.18 min
Lab File: BP003099.D
Acq: 25 Aug 2020 15:33

Tgt Ion:184 Resp: 37
Ion Ratio Lower Upper
184 100
63 44.7 32.0 48.0
154 63.2 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: BP003099.D

Acq: 25 Aug 2020 15:33

Instrument :

BNA_P

ClientSampleId :

PB131201BL

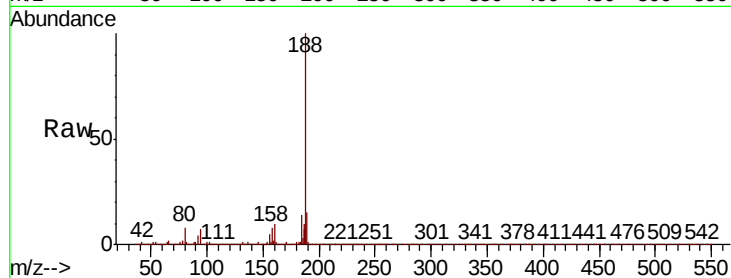
Tot Ion:188 Resp: 938633

Ion Ratio Lower Upper

188 100

94 7.4 6.2 9.4

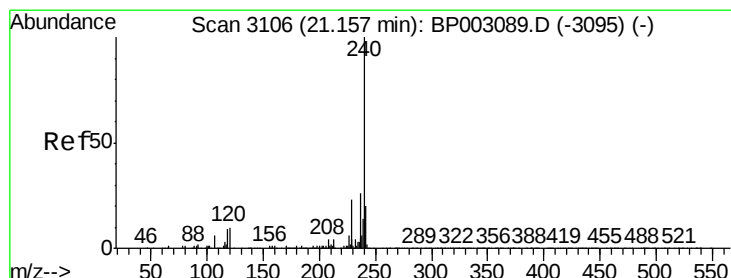
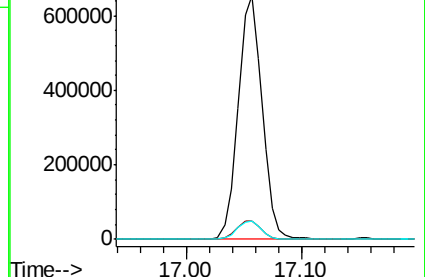
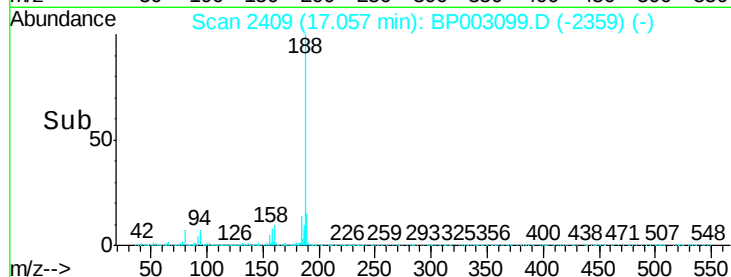
80 7.5 6.4 9.6



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: 21.14 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BP003099.D

Acq: 25 Aug 2020 15:33

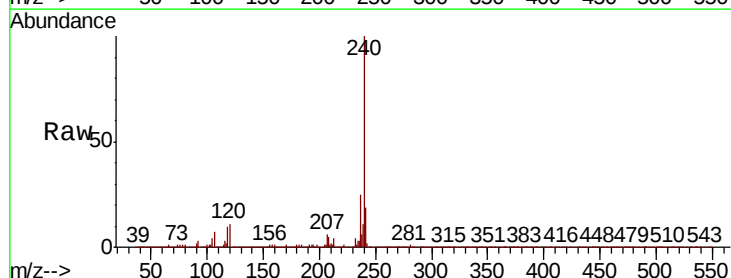
Tgt Ion:240 Resp: 977356

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

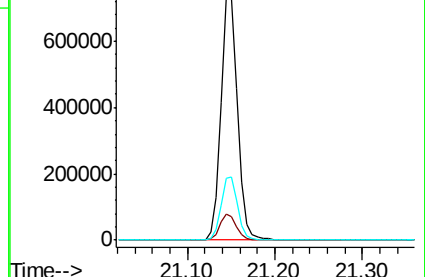
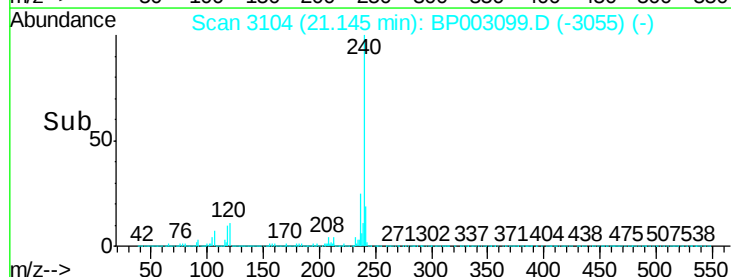
236 25.2 20.6 31.0

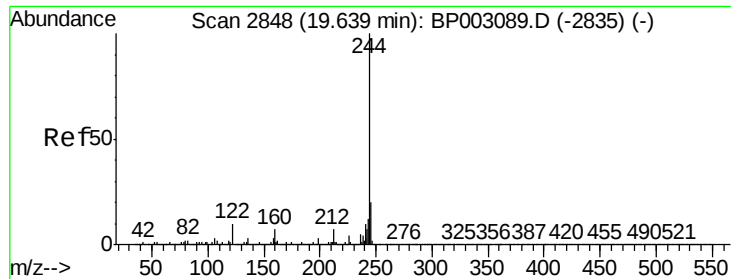


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

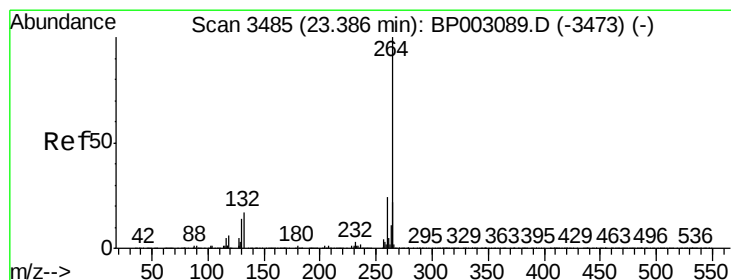
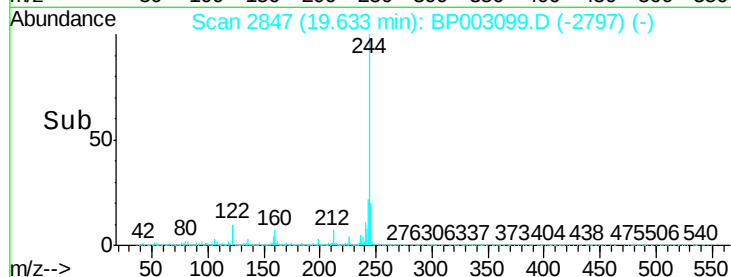
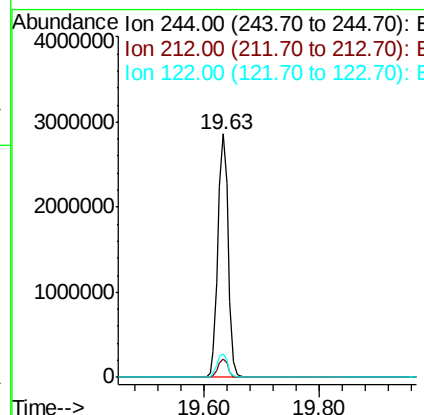
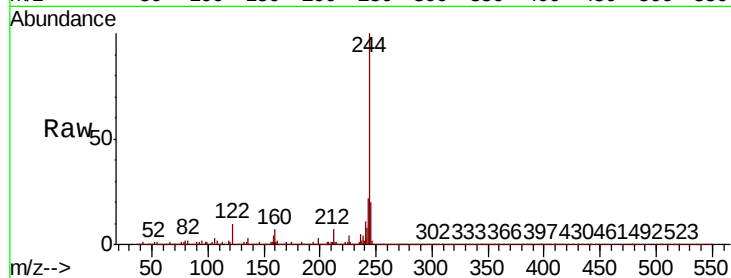




#79
 Terphenyl-d14
 Concen: 79.855 ng
 RT: 19.63 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BP003099.D
 Acq: 25 Aug 2020 15:33

Instrument :
 BNA_P
 ClientSampleId :
 PB131201BL

Tot Ion:244 Resp: 3546885
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 9.7 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.38 min Scan# 3484
 Delta R.T. -0.01 min
 Lab File: BP003099.D
 Acq: 25 Aug 2020 15:33

Tgt Ion:264 Resp: 1118326
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 22.0 17.7 26.5

