

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061220\
 Data File : BP002399.D
 Acq On : 12 Jun 2020 15:11
 Operator : CG/JU
 Sample : PB129506BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129506BL

Quant Time: Jun 12 15:46:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	172174	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	695791	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	434294	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	957517	20.00	ng	0.00
76) Chrysene-d12	21.10	240	994346	20.00	ng	0.00
86) Perylene-d12	23.30	264	1055414	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1300954	139.82	ng	0.00
7) Phenol-d6	6.78	99	1720211	138.86	ng	0.00
23) Nitrobenzene-d5	8.73	82	1197117	102.75	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	640361	154.00	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2472005	95.71	ng	0.00
79) Terphenyl-d14	19.59	244	3740185	102.35	ng	0.00

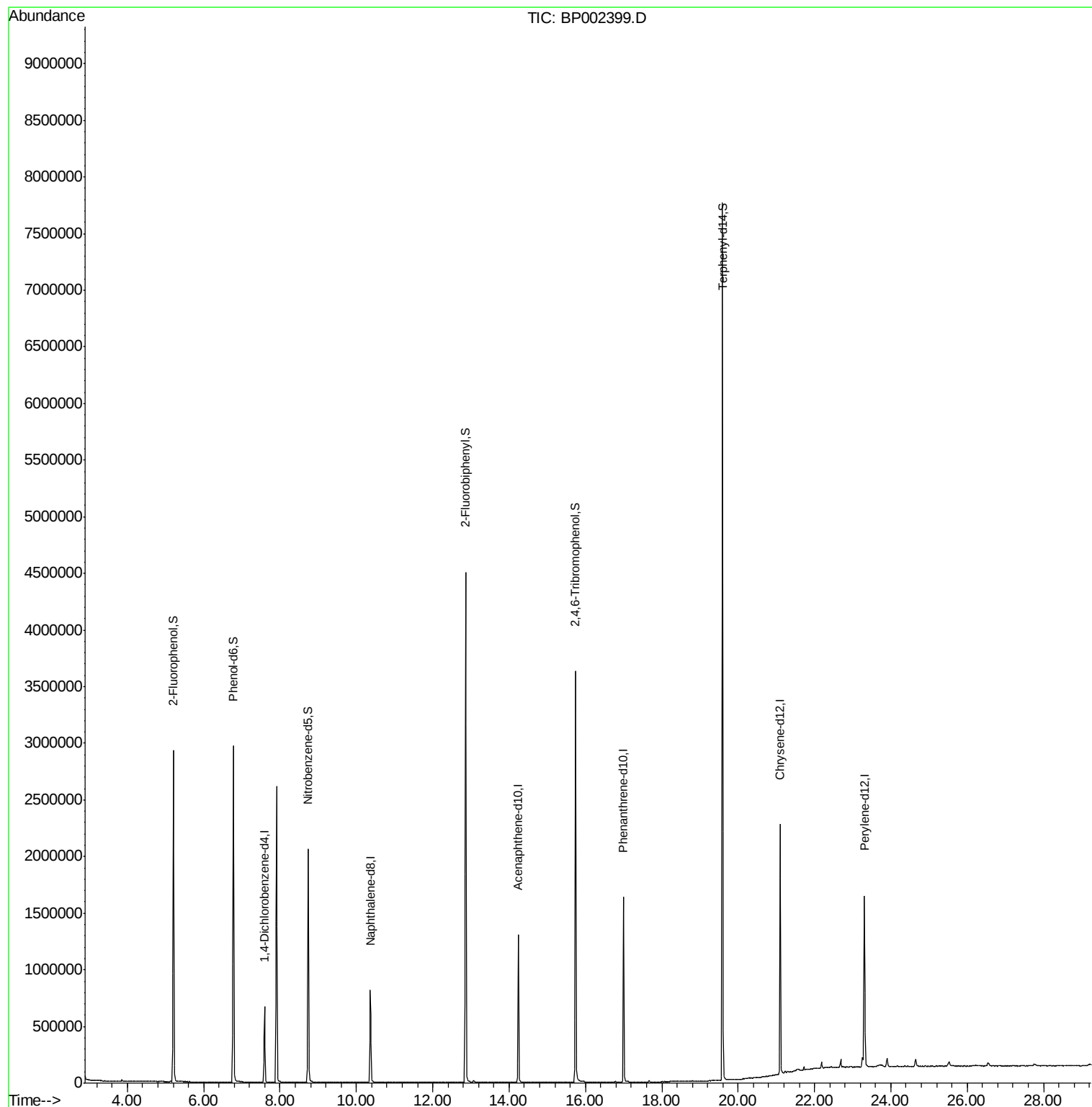
Target Compounds Qvalue

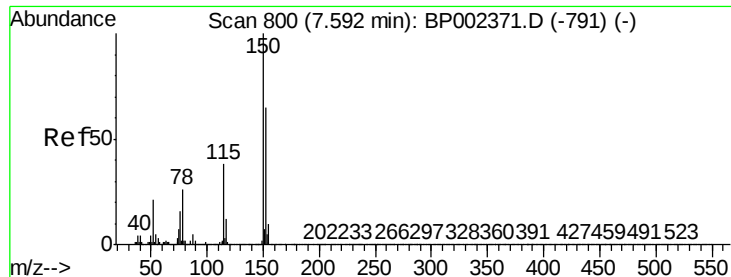
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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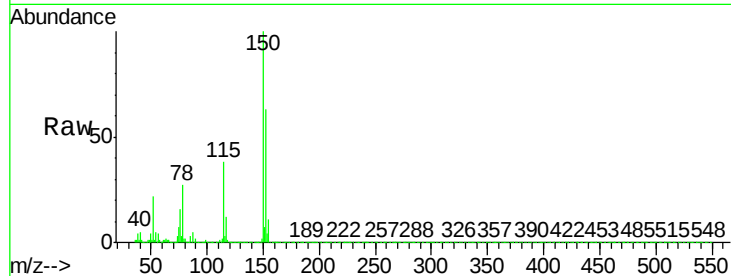


#1

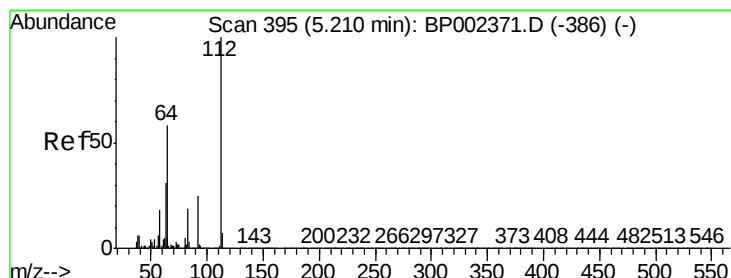
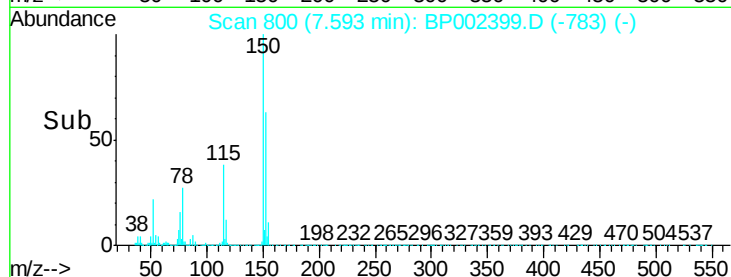
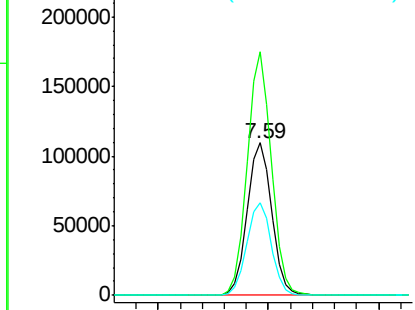
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 800
Delta R.T. 0.00 min
Lab File: BP002399.D
Acq: 12 Jun 2020 15:11

Instrument :
BNA_P
ClientSampleId :
PB129506BL

Tot Ion:152 Resp: 172174
Ion Ratio Lower Upper
152 100
150 159.7 124.0 186.0
115 60.8 47.4 71.0



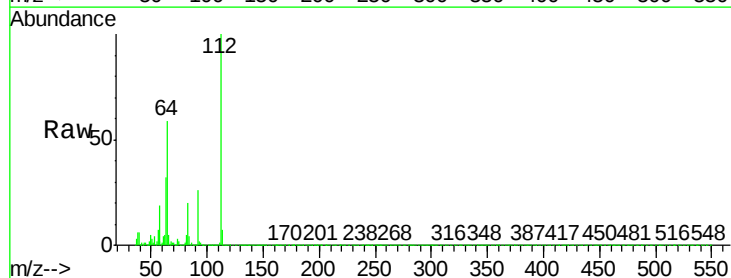
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



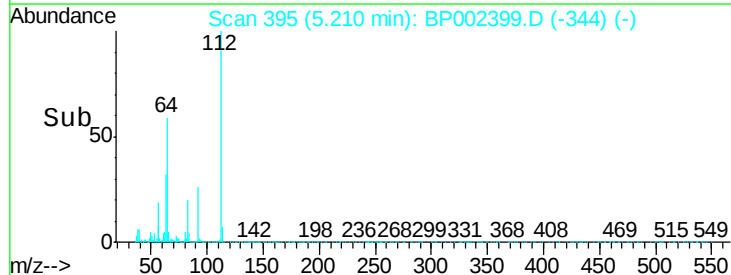
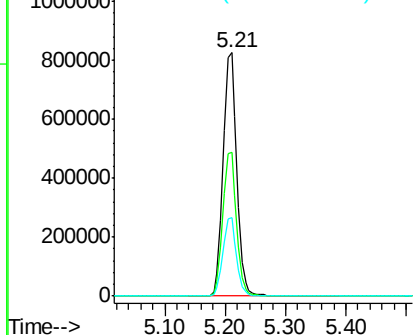
#5

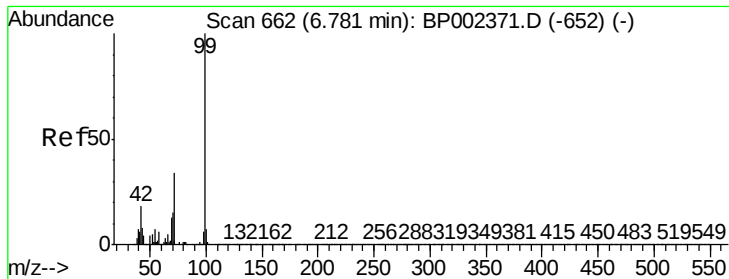
2-Fluorophenol
Concen: 139.818 ng
RT: 5.21 min Scan# 395
Delta R.T. 0.00 min
Lab File: BP002399.D
Acq: 12 Jun 2020 15:11

Tgt Ion:112 Resp: 1300954
Ion Ratio Lower Upper
112 100
64 59.0 46.2 69.2
63 32.1 24.5 36.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 138.860 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002399.D

Acq: 12 Jun 2020 15:11

Instrument :

BNA_P

ClientSampleId :

PB129506BL

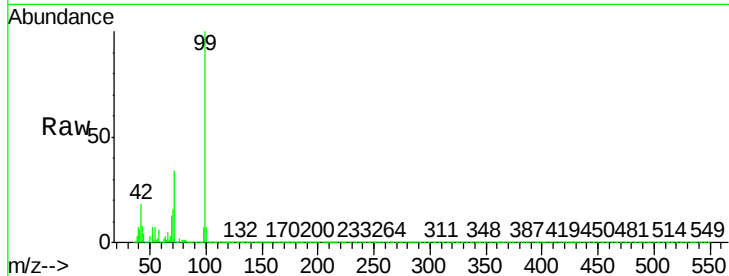
Tot Ion: 99 Resp: 1720211

Ion Ratio Lower Upper

99 100

42 18.2 14.6 22.0

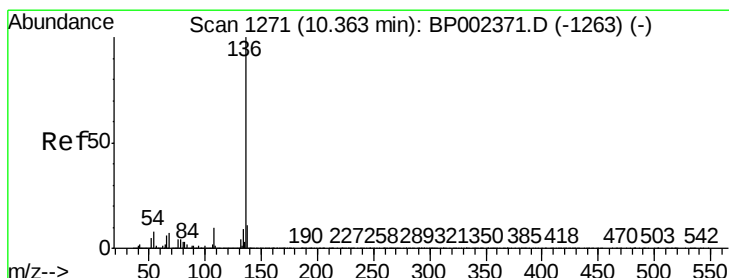
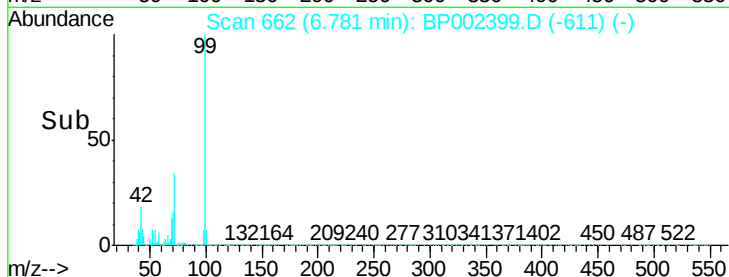
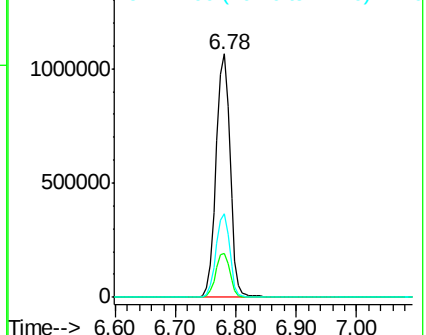
71 34.2 27.2 40.8



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: 10.36 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BP002399.D

Acq: 12 Jun 2020 15:11

Tgt Ion: 136 Resp: 695791

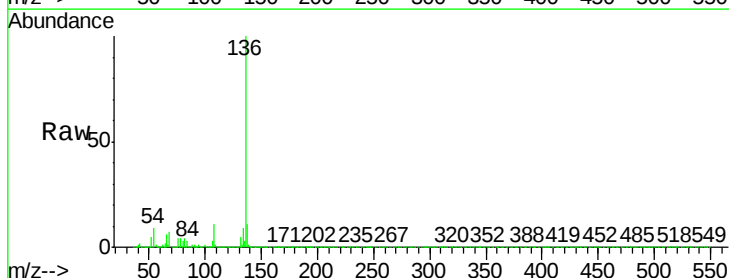
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 9.0 6.4 9.6

68 7.0 5.6 8.4

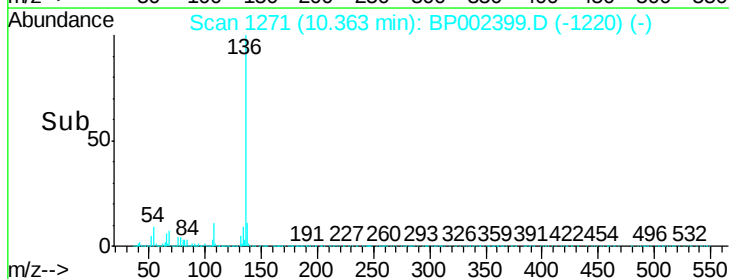
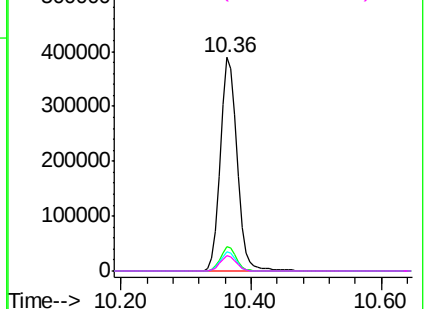


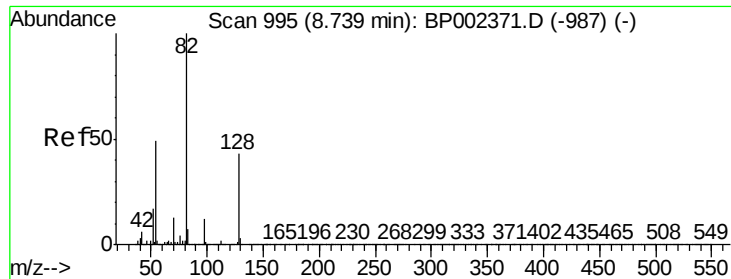
Abundance Ion 136.00 (135.70 to 136.70): E

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



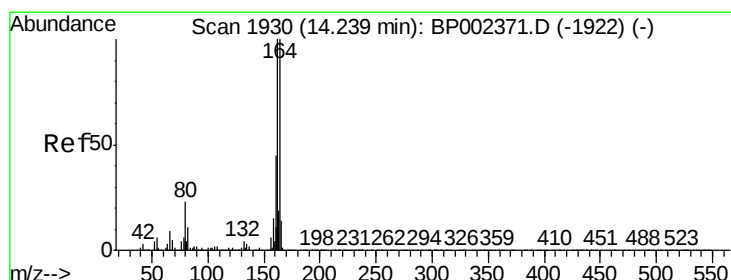
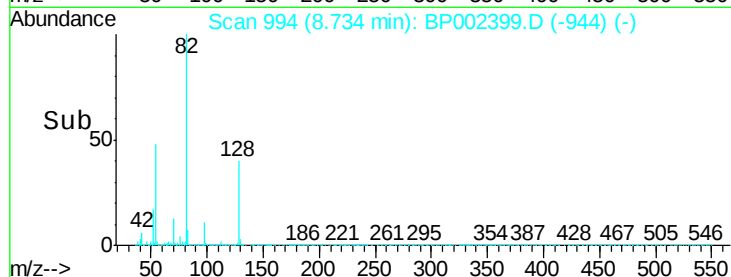
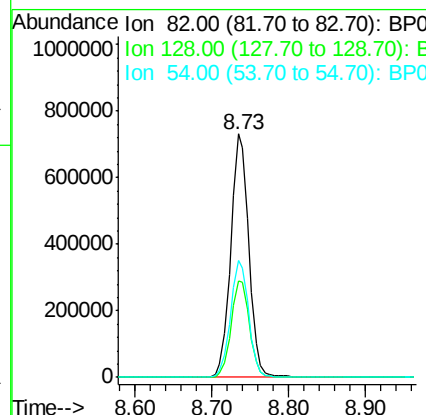
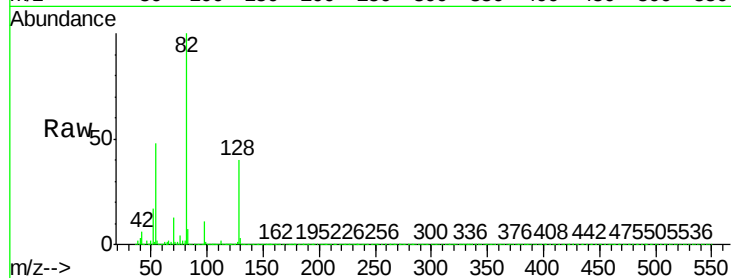


#23
 Nitrobenzene-d5
 Concen: 102.747 ng
 RT: 8.73 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BP002399.D
 Acq: 12 Jun 2020 15:11

Instrument :
 BNA_P
 ClientSampleId :
 PB129506BL

Tot Ion: 82 Resp: 1197117

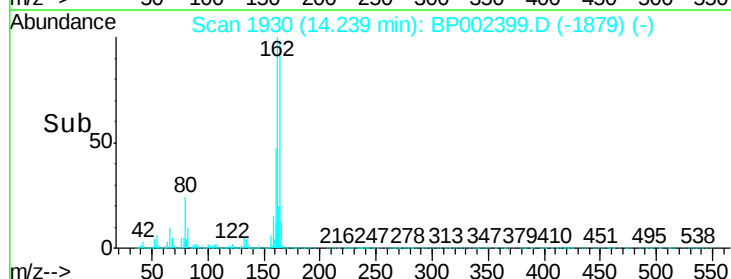
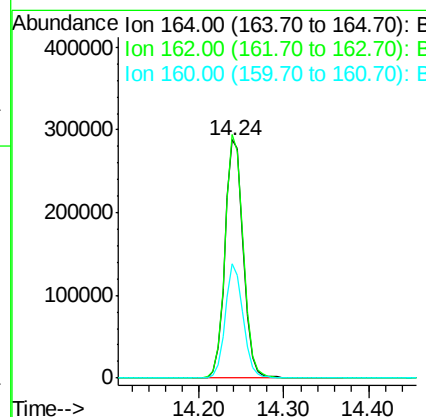
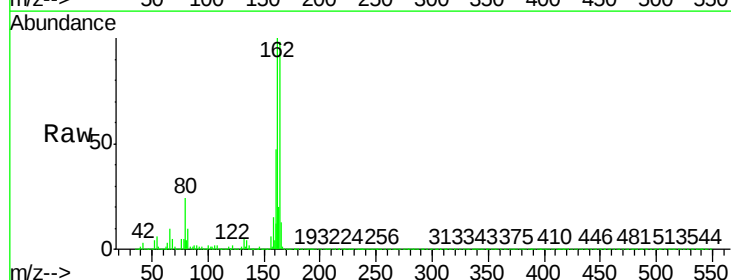
Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.5	51.7
54	48.2	39.4	59.2

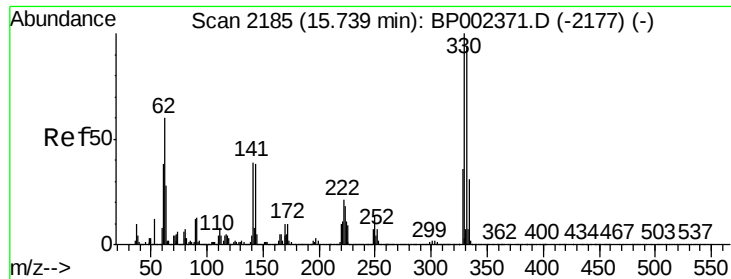


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.24 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BP002399.D
 Acq: 12 Jun 2020 15:11

Tgt Ion: 164 Resp: 434294

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.8	119.8
160	47.8	36.2	54.2

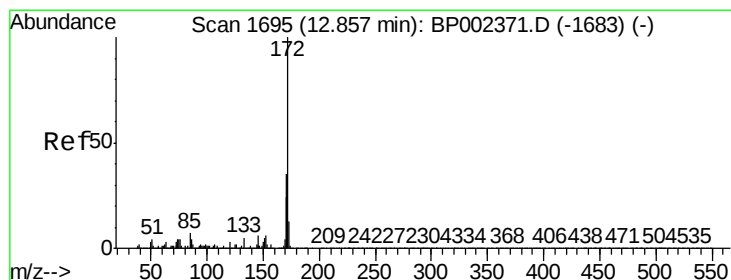
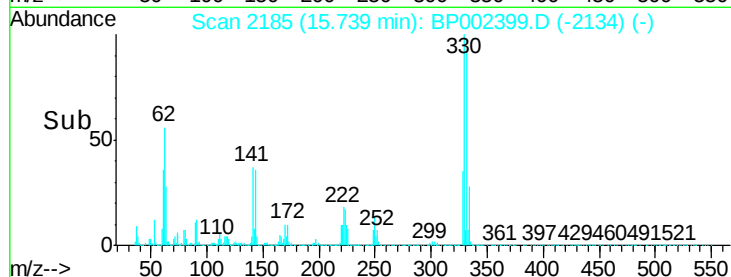
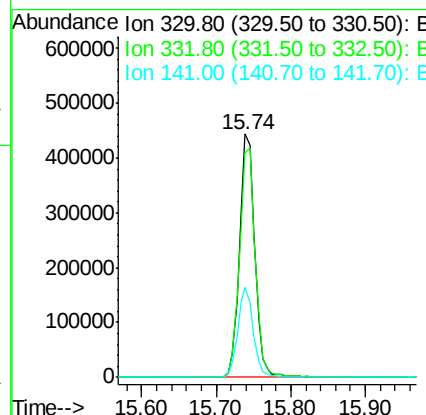
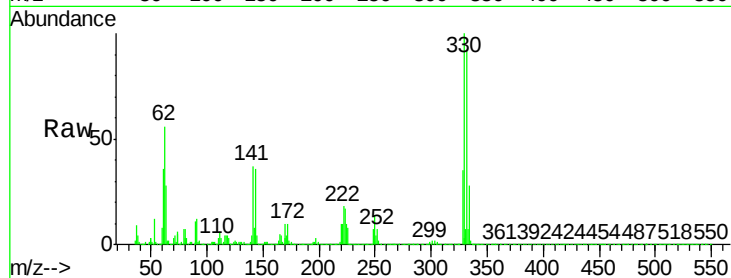




#42
 2,4,6-Tribromophenol
 Concen: 154.005 ng
 RT: 15.74 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BP002399.D
 Acq: 12 Jun 2020 15:11

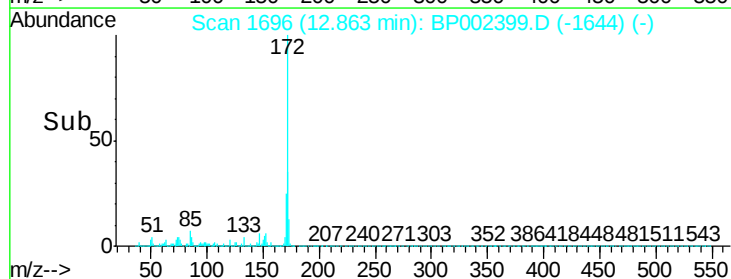
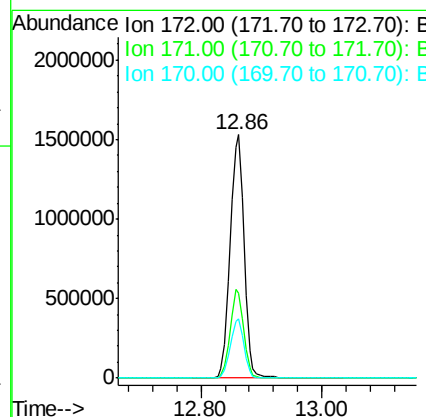
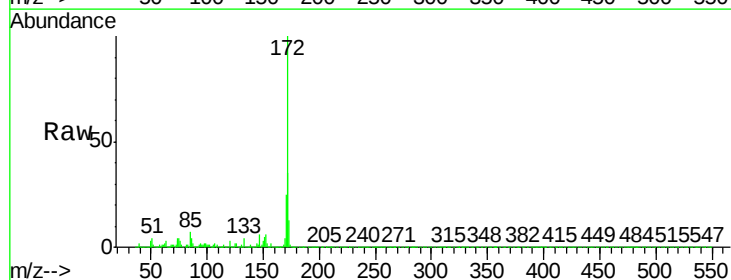
Instrument :
 BNA_P
 ClientSampleId :
 PB129506BL

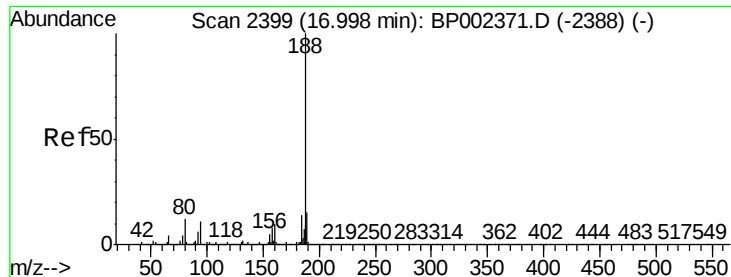
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	37.3	30.3	45.5



#45
 2-Fluorobiphenyl
 Concen: 95.706 ng
 RT: 12.86 min Scan# 1696
 Delta R.T. 0.01 min
 Lab File: BP002399.D
 Acq: 12 Jun 2020 15:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.8
170	24.5	19.0	28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.00 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BP002399.D

Acq: 12 Jun 2020 15:11

Instrument :

BNA_P

ClientSampleId :

PB129506BL

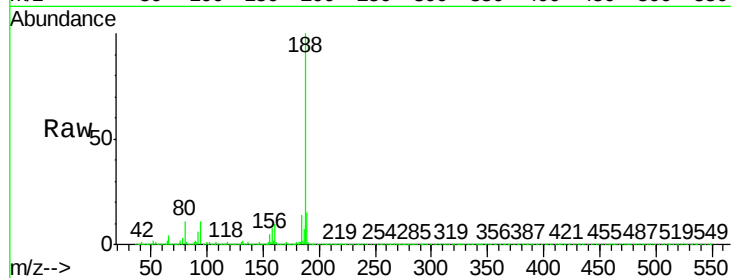
Tot Ion:188 Resp: 957517

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

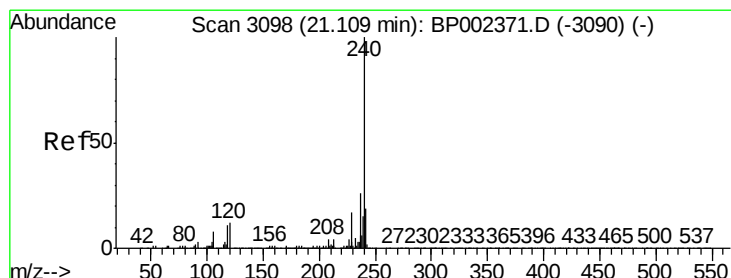
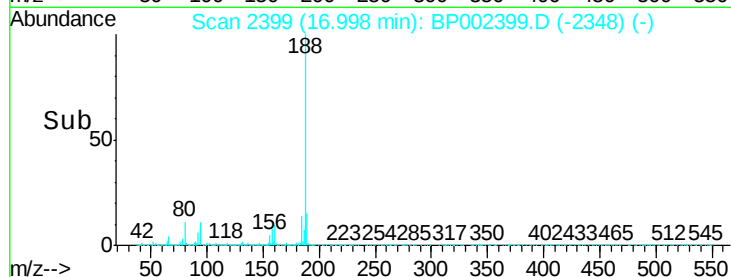
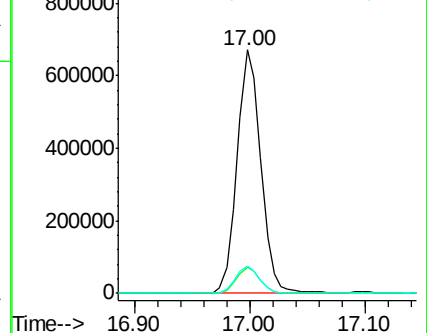
80 11.3 9.4 14.0



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: 21.10 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BP002399.D

Acq: 12 Jun 2020 15:11

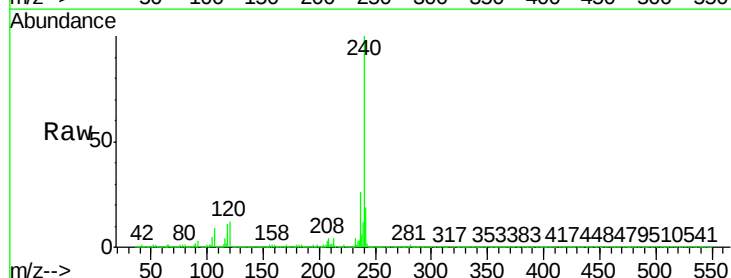
Tgt Ion:240 Resp: 994346

Ion Ratio Lower Upper

240 100

120 11.9 9.3 13.9

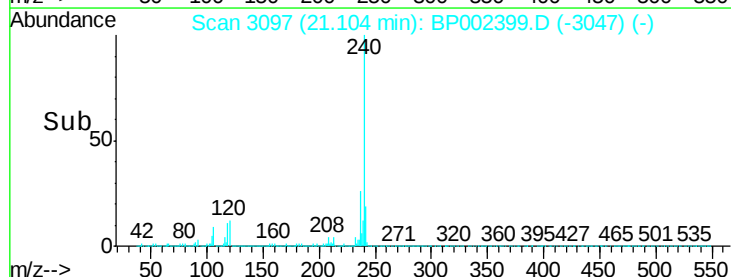
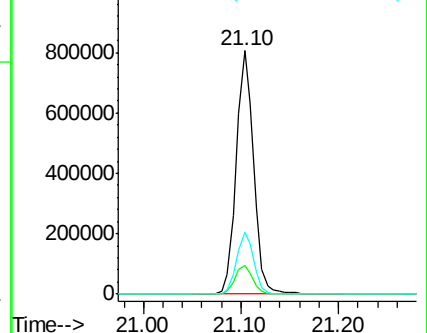
236 25.5 21.0 31.6

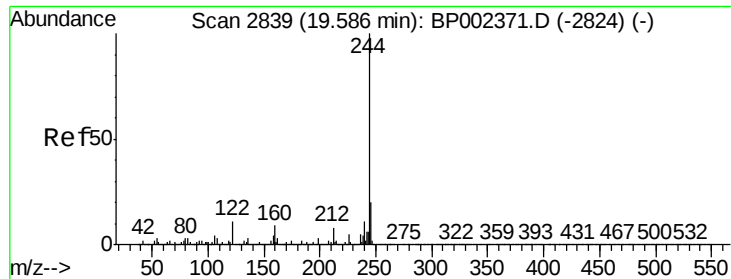


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

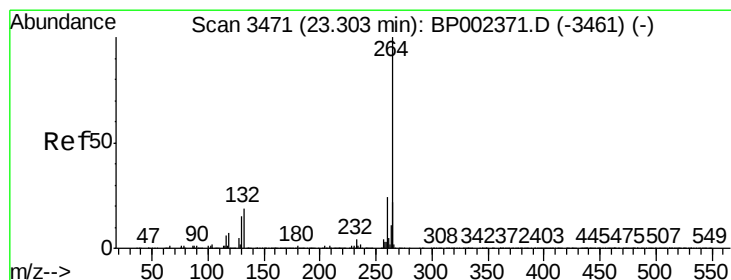
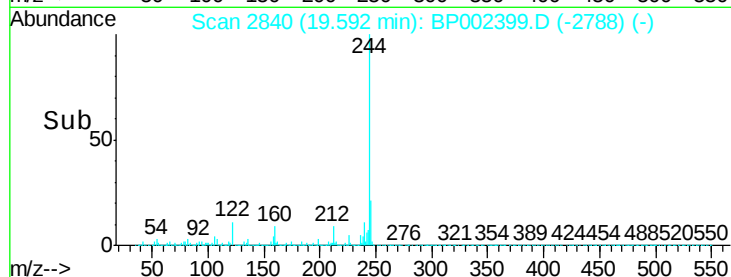
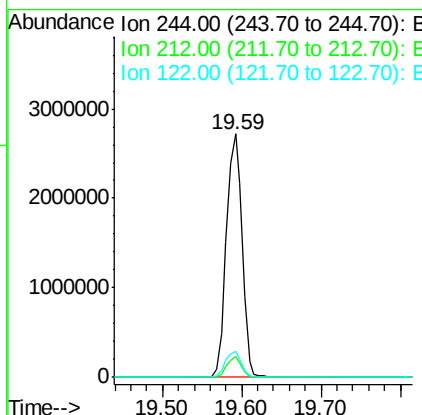
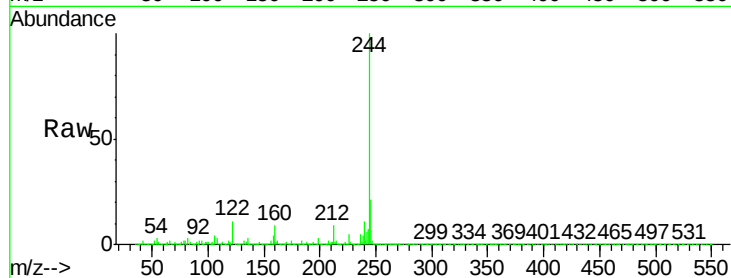




#79
 Terphenyl-d14
 Concen: 102.349 ng
 RT: 19.59 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BP002399.D
 Acq: 12 Jun 2020 15:11

Instrument :
 BNA_P
 ClientSampleId :
 PB129506BL

Tot Ion:244 Resp: 3740185
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 10.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.30 min Scan# 3471
 Delta R.T. 0.00 min
 Lab File: BP002399.D
 Acq: 12 Jun 2020 15:11

Tgt Ion:264 Resp: 1055414
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.0
 265 21.9 17.4 26.2

