

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
 Data File : BP002512.D
 Acq On : 23 Jun 2020 21:35
 Operator : CG/JU
 Sample : PB129713TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129713TB

Quant Time: Jun 24 00:37:56 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	162707	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	651845	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	391941	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	873181	20.00	ng	0.00
76) Chrysene-d12	21.10	240	930102	20.00	ng	-0.01
86) Perylene-d12	23.30	264	1015380	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1072793	122.01	ng	0.00
7) Phenol-d6	6.78	99	1338746	114.35	ng	0.00
23) Nitrobenzene-d5	8.73	82	904131	82.83	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	481727	128.37	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1930969	82.84	ng	-0.01
79) Terphenyl-d14	19.58	244	3033148	83.25	ng	0.00

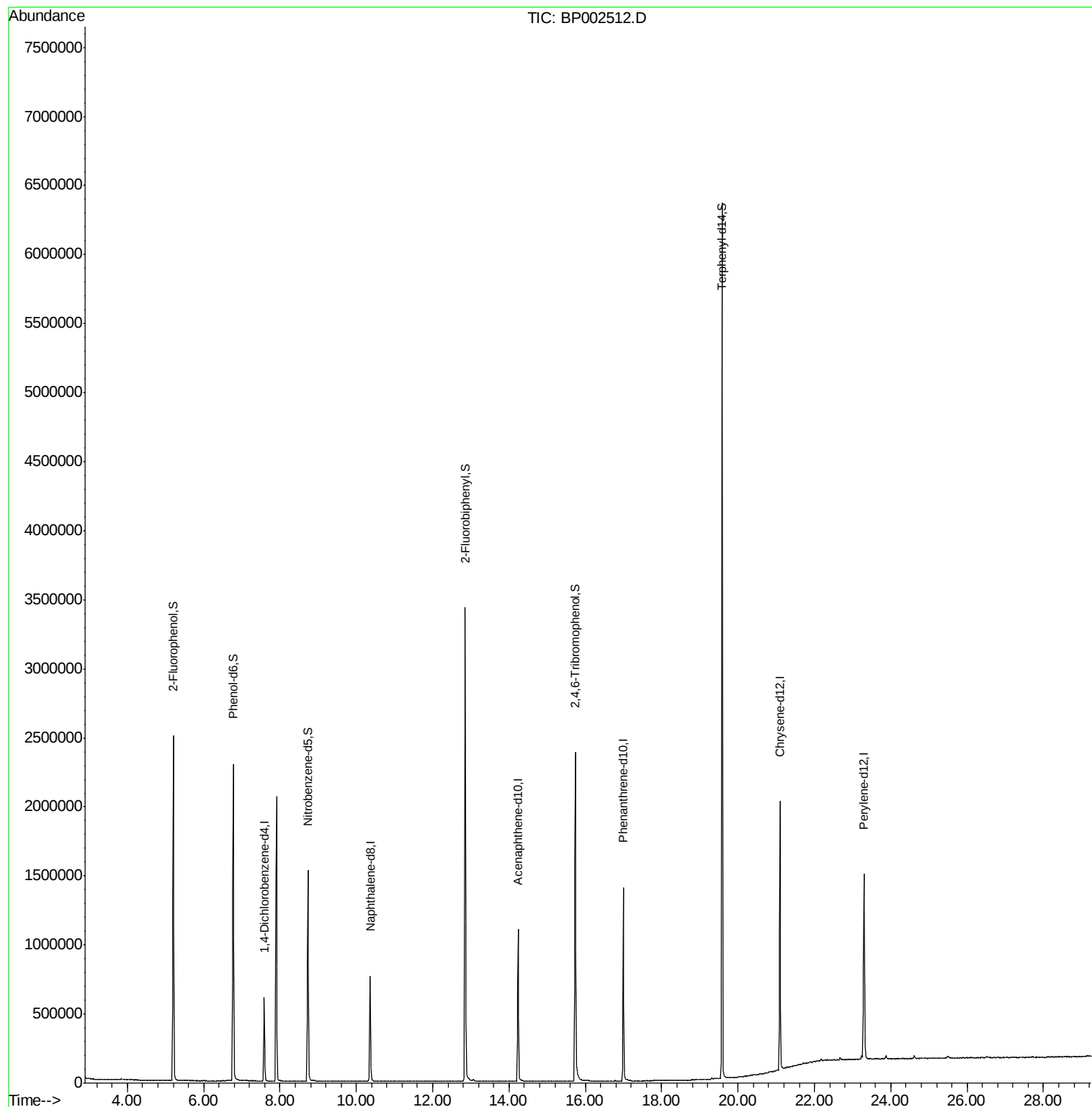
Target Compounds Qvalue

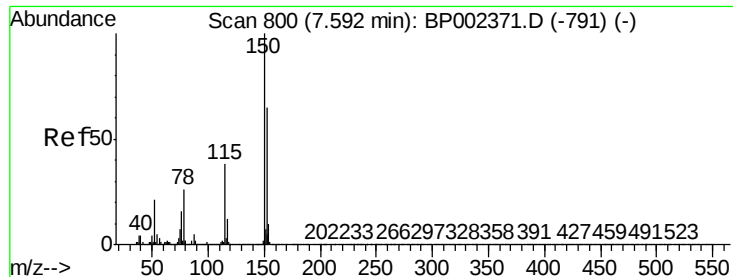
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 799

Delta R.T. -0.01 min

Lab File: BP002512.D

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Instrument :

BNA_P

ClientSampleId :

PB129713TB

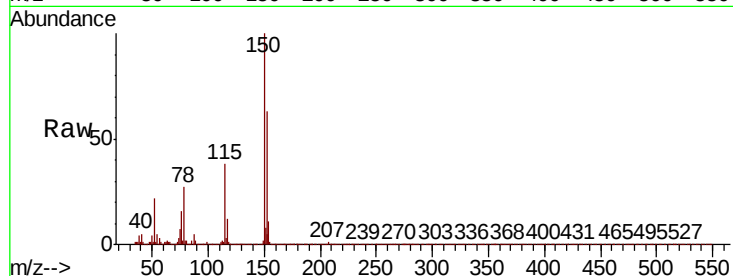
Tot Ion:152 Resp: 162707

Ion Ratio Lower Upper

152 100

150 158.3 124.0 186.0

115 59.6 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

200000

150000

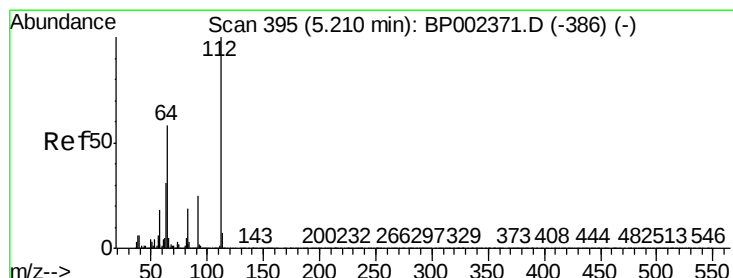
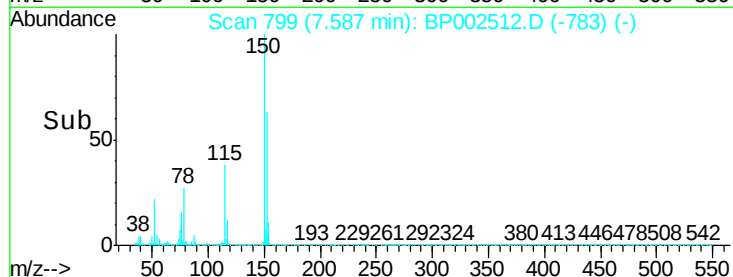
100000

50000

0

7.50 7.59 7.70

Time-->



#5

2-Fluorophenol

Concen: 122.005 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002512.D

Acq: 23 Jun 2020 21:35

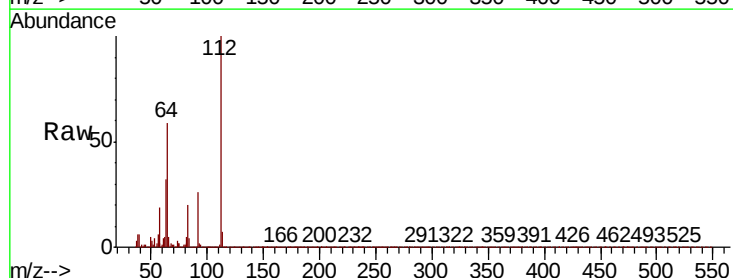
Tgt Ion:112 Resp: 1072793

Ion Ratio Lower Upper

112 100

64 58.5 46.2 69.2

63 31.8 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

800000

600000

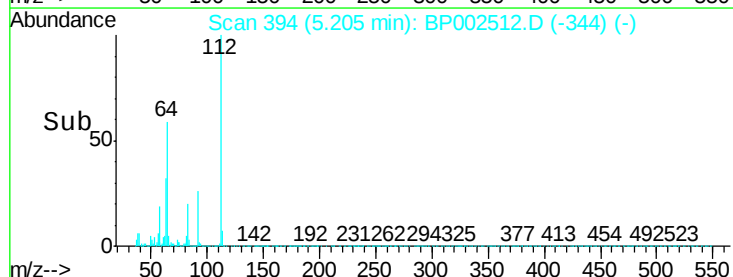
400000

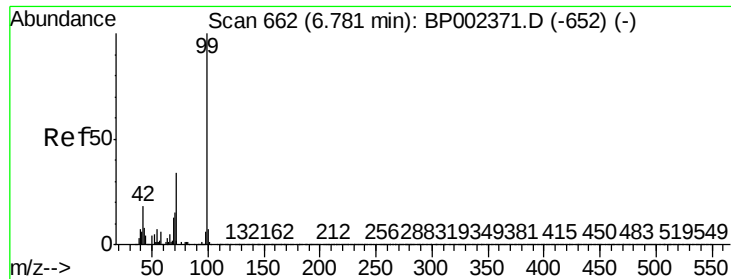
200000

0

5.10 5.20 5.30

Time-->





#7

Phenol-d6

Concen: 114.355 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002512.D

Acq: 23 Jun 2020 21:35

Instrument :

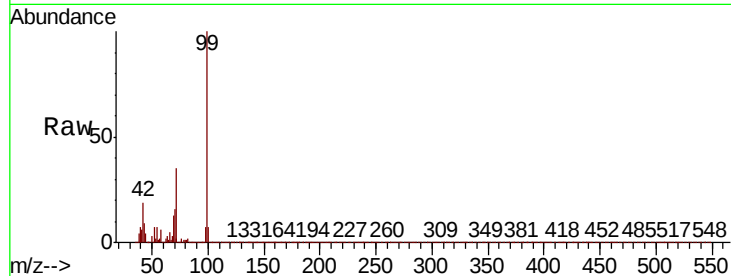
BNA_P

ClientSampleId :

PB129713TB

Tot Ion: 99 Resp: 1338746

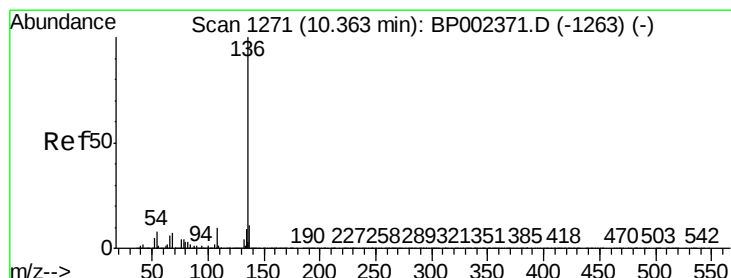
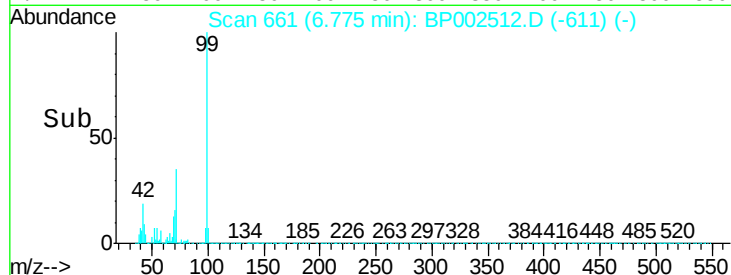
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.6	22.0
71	34.5	27.2	40.8



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# 1270

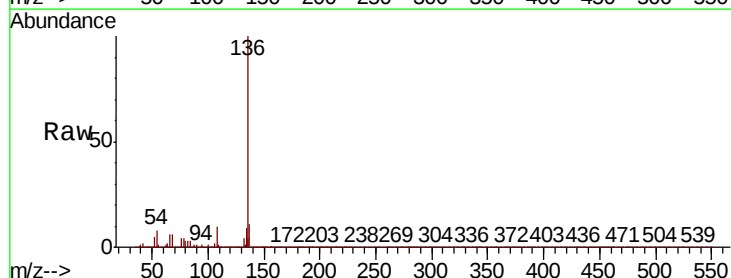
Delta R.T. -0.01 min

Lab File: BP002512.D

Acq: 23 Jun 2020 21:35

Tgt Ion: 136 Resp: 651845

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.9	6.4	9.6
68	6.4	5.6	8.4

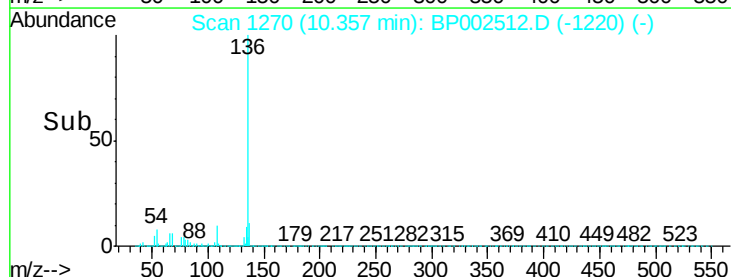


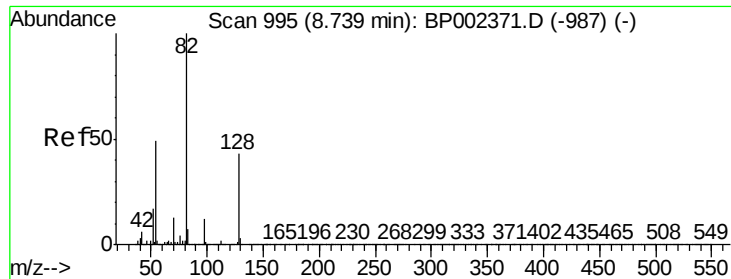
Abundance Ion 136.00 (135.70 to 136.70): E

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

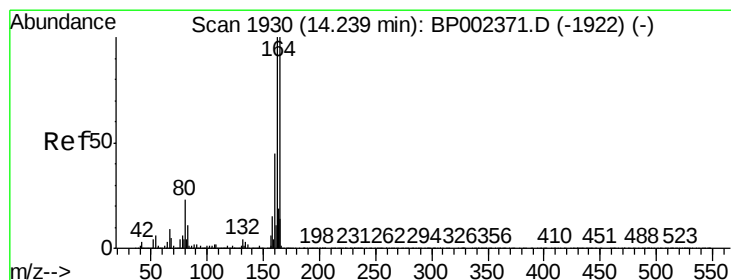
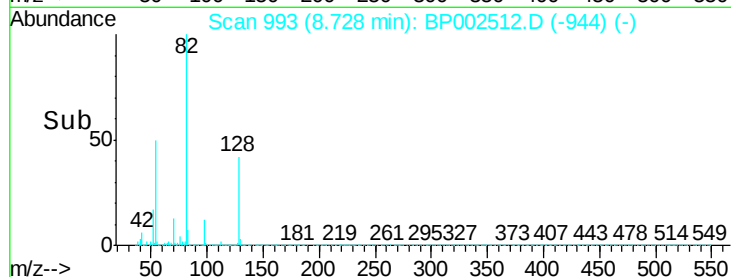
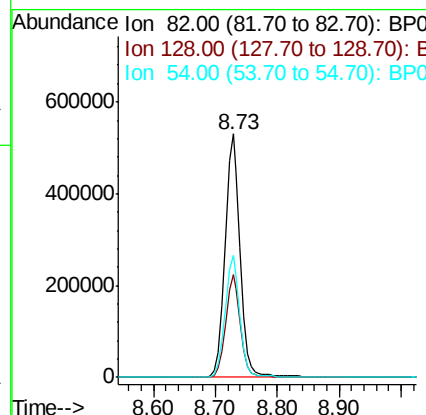
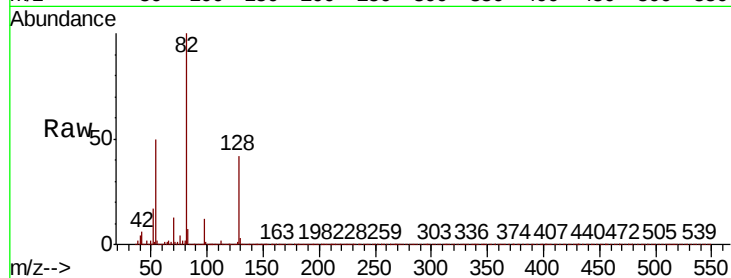




#23
Nitrobenzene-d5
Concen: 82.832 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002512.D
Acq: 23 Jun 2020 21:35

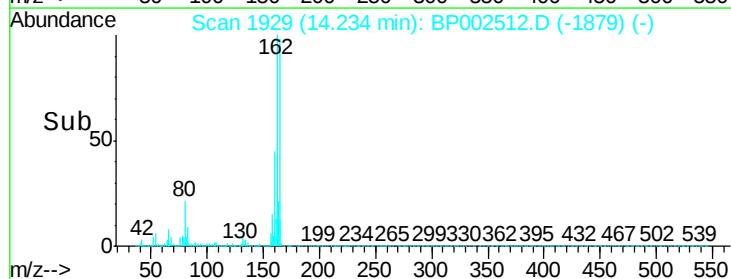
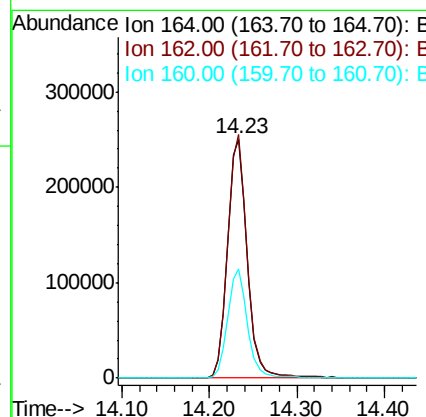
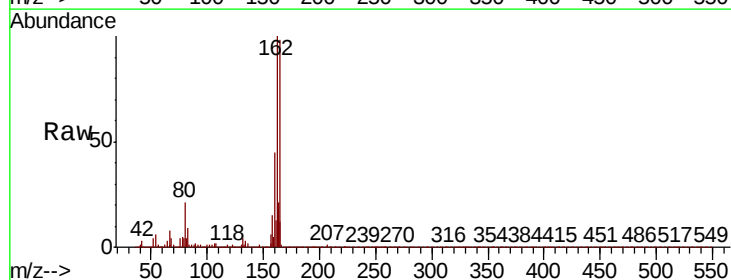
Instrument :
BNA_P
ClientSampleId :
PB129713TB

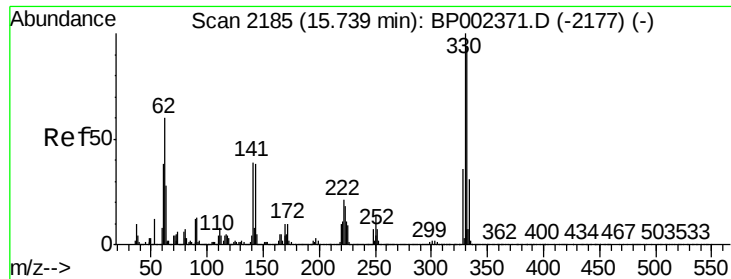
Tot Ion	82	Resp	904131
Ion Ratio	Lower	Upper	
82	100		
128	42.2	34.5	51.7
54	50.2	39.4	59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002512.D
Acq: 23 Jun 2020 21:35

Tgt Ion	164	Resp	391941
Ion Ratio	Lower	Upper	
164	100		
162	102.1	79.8	119.8
160	45.7	36.2	54.2

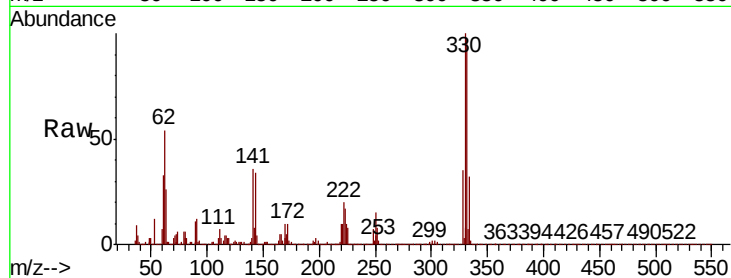




#42
2,4,6-Tribromophenol
Concen: 128.373 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002512.D
Acq: 23 Jun 2020 21:35

Instrument :
BNA_P
ClientSampleId :
PB129713TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	36.5	30.3	45.5

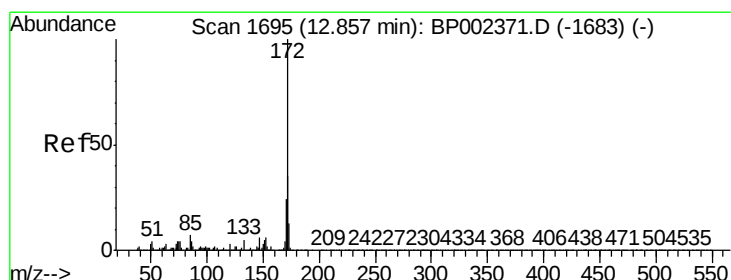
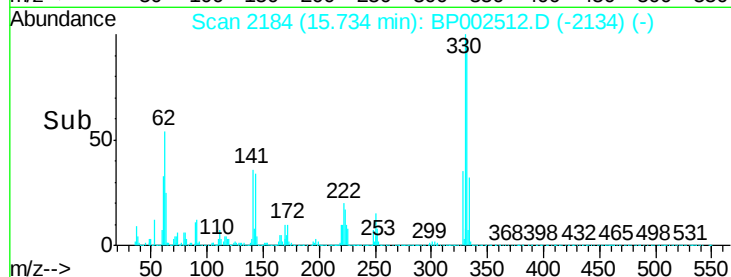
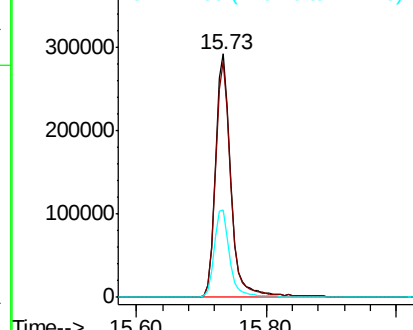


Abundance

Ion 329.80 (329.50 to 330.50): E

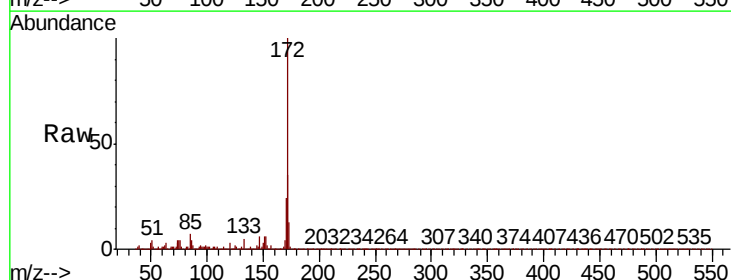
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 82.838 ng
RT: 12.85 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BP002512.D
Acq: 23 Jun 2020 21:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.8
170	23.9	19.0	28.6

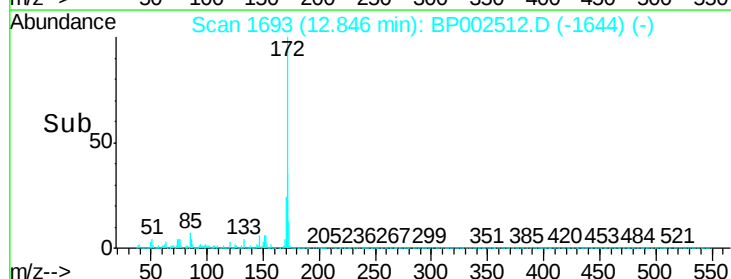
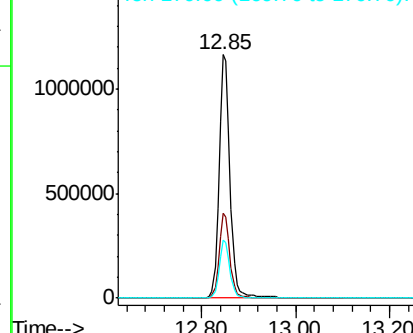


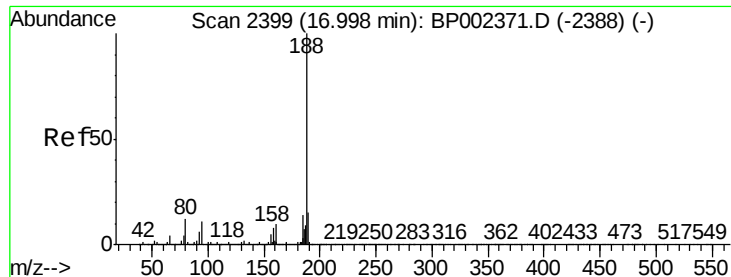
Abundance

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: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP002512.D

Acq: 23 Jun 2020 21:35

Instrument :

BNA_P

ClientSampleId :

PB129713TB

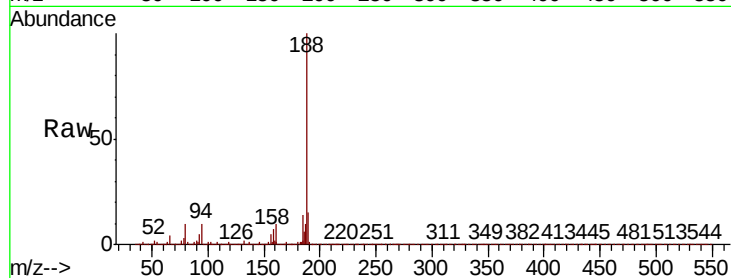
Tot Ion:188 Resp: 873181

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

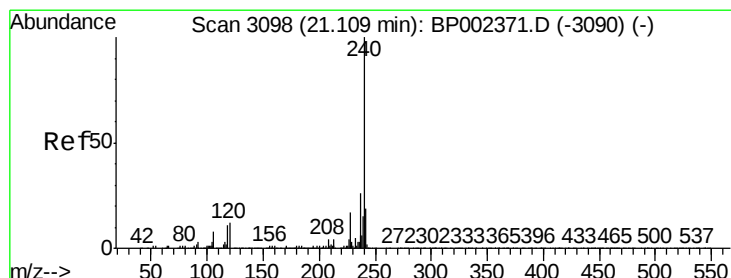
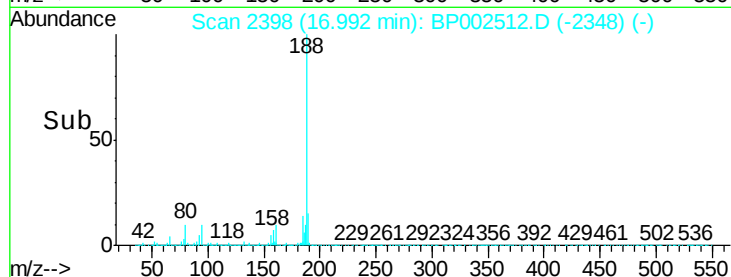
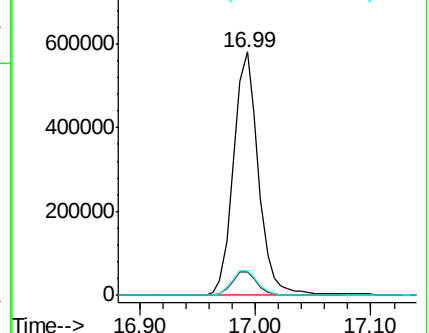
80 10.4 9.4 14.0



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# 3096

Delta R.T. -0.01 min

Lab File: BP002512.D

Acq: 23 Jun 2020 21:35

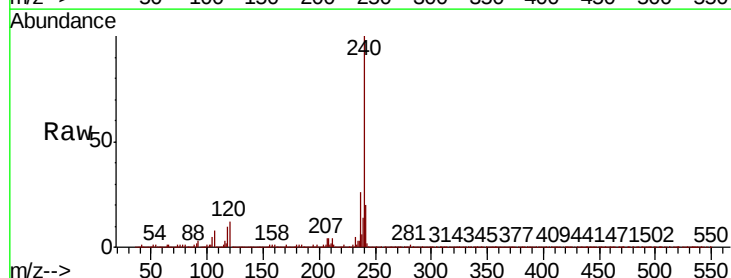
Tgt Ion:240 Resp: 930102

Ion Ratio Lower Upper

240 100

120 11.8 9.3 13.9

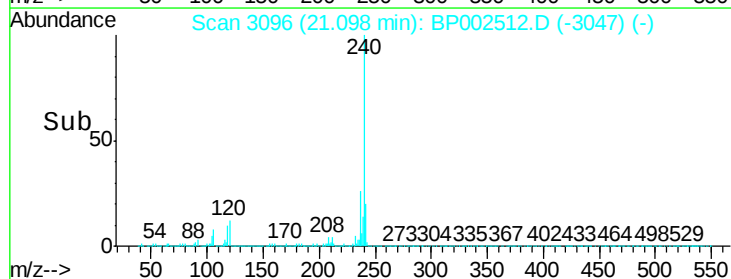
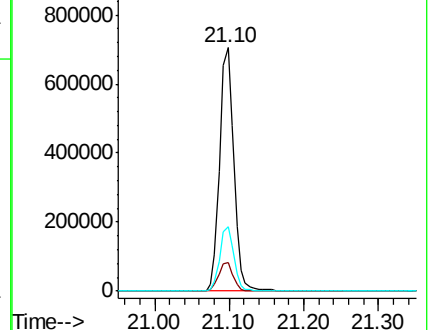
236 26.2 21.0 31.6

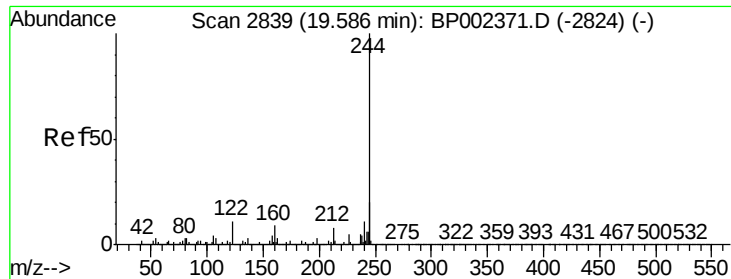


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.250 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002512.D

Acq: 23 Jun 2020 21:35

Instrument :

BNA_P

ClientSampleId :

PB129713TB

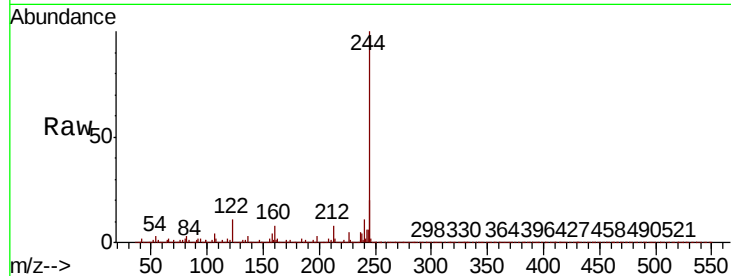
Tot Ion:244 Resp: 3033148

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

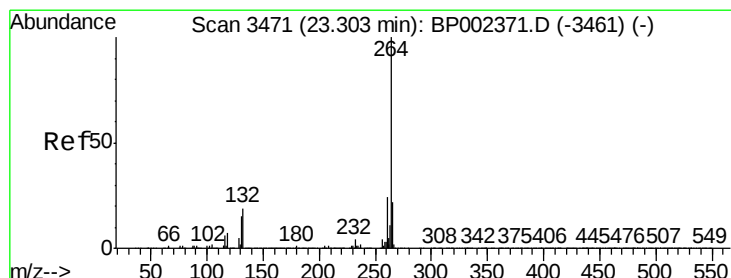
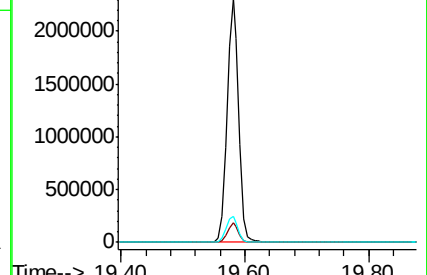
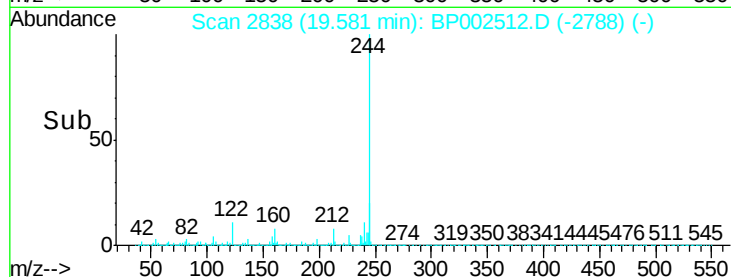
122 10.6 8.8 13.2



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: 23.30 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BP002512.D

Acq: 23 Jun 2020 21:35

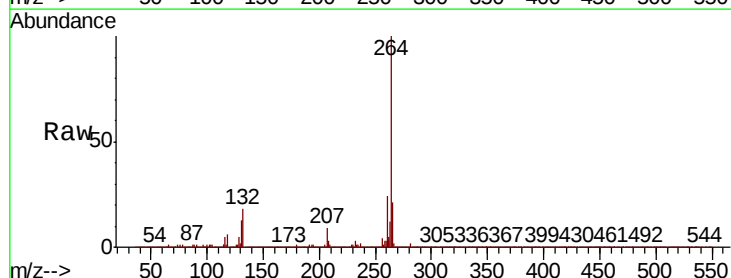
Tgt Ion:264 Resp: 1015380

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 21.2 17.4 26.2



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

