

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061020\
 Data File : BP002381.D
 Acq On : 10 Jun 2020 18:50
 Operator : CG/JU
 Sample : PB129457BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129457BL

Quant Time: Jun 11 04:33:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 03:54:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	199988	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	793907	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	534400	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1234400	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1339535	20.00	ng	-0.01
86) Perylene-d12	23.30	264	1445604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1215983	112.51	ng	0.00
7) Phenol-d6	6.78	99	1568801	109.03	ng	0.00
23) Nitrobenzene-d5	8.73	82	1054928	79.35	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	817309	159.74	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2517505	79.21	ng	0.00
79) Terphenyl-d14	19.59	244	4408552	86.23	ng	0.00

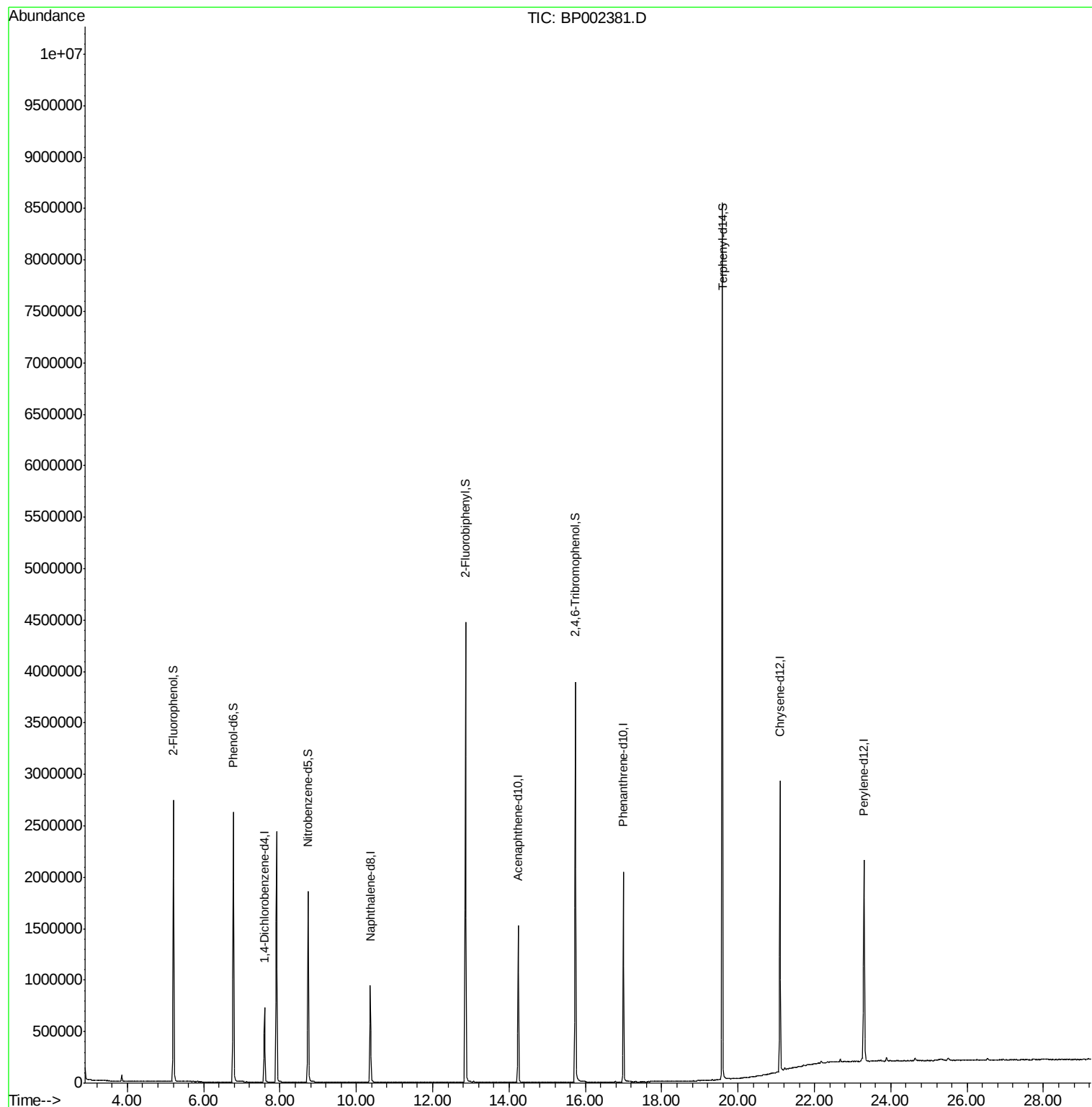
Target Compounds Qvalue

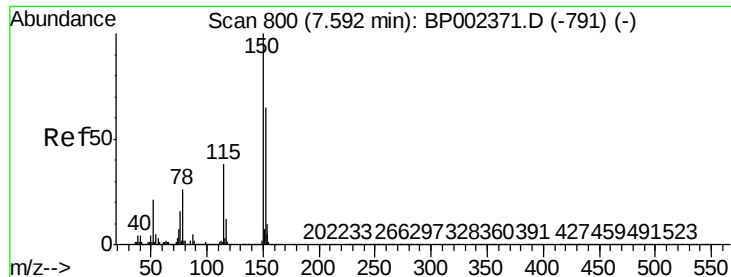
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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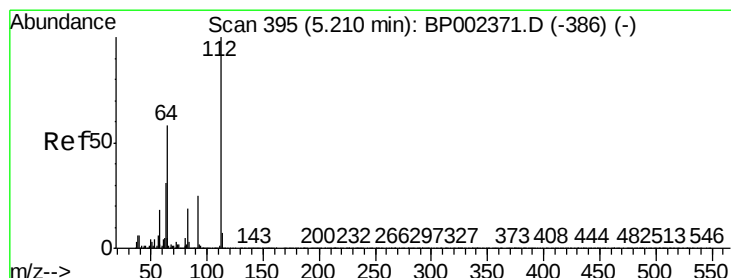
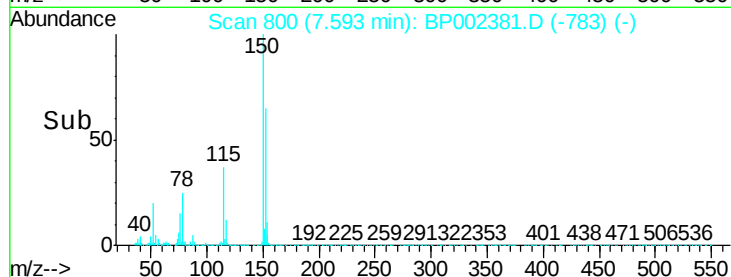
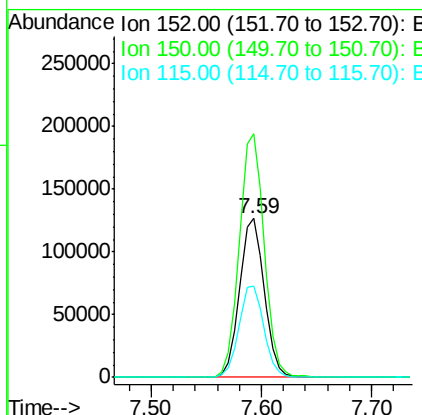
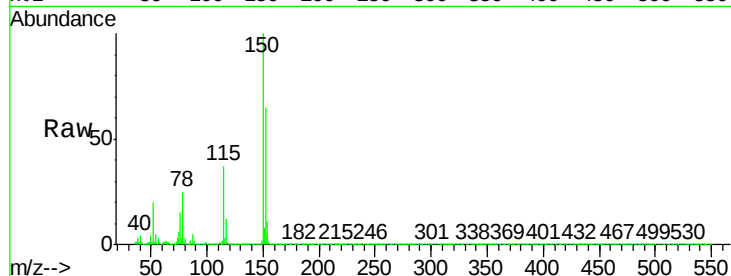


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 800
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Instrument :
BNA_P
ClientSampleId :
PB129457BL

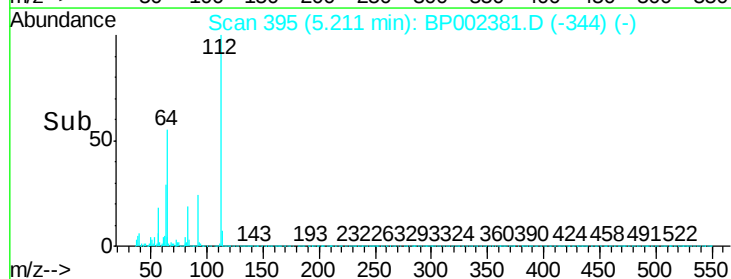
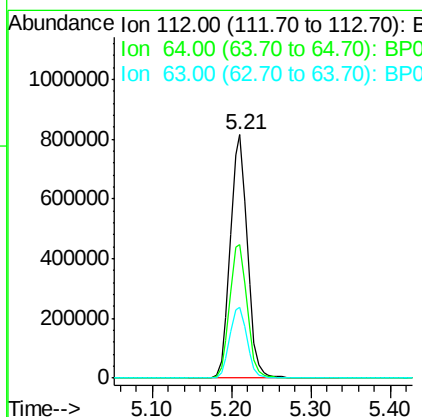
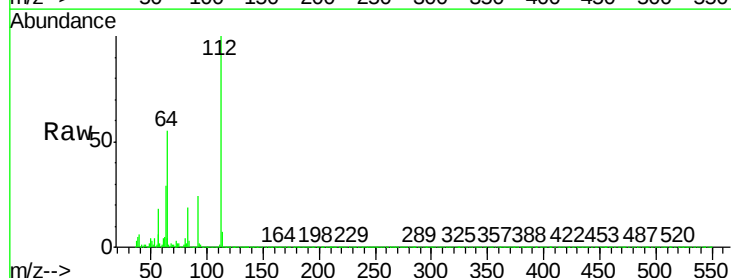
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.0	186.0
115	57.3	47.4	71.0

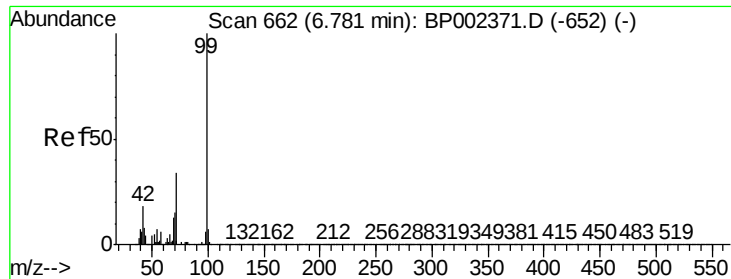


#5

2-Fluorophenol
Concen: 112.510 ng
RT: 5.21 min Scan# 395
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.2	69.2
63	29.0	24.5	36.7





#7

Phenol-d6

Concen: 109.025 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002381.D

Acq: 10 Jun 2020 18:50

Instrument :

BNA_P

ClientSampleId :

PB129457BL

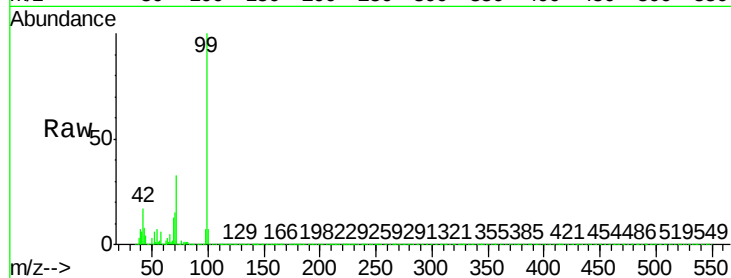
Tot Ion: 99 Resp: 1568801

Ion Ratio Lower Upper

99 100

42 17.1 14.6 22.0

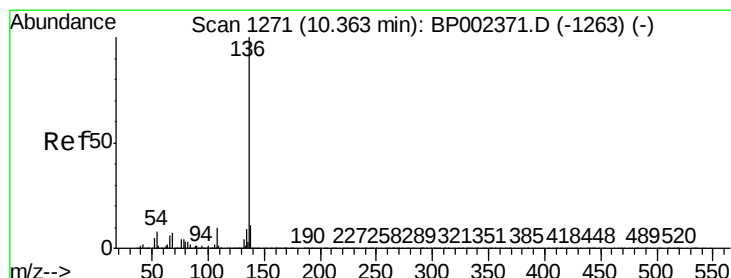
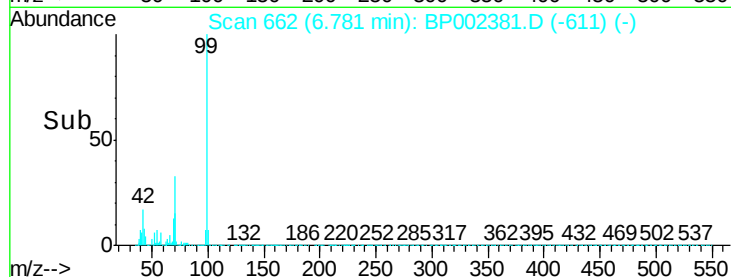
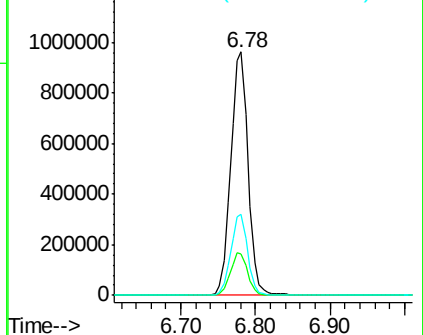
71 33.1 27.2 40.8



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: BP002381.D

Acq: 10 Jun 2020 18:50

Tgt Ion: 136 Resp: 793907

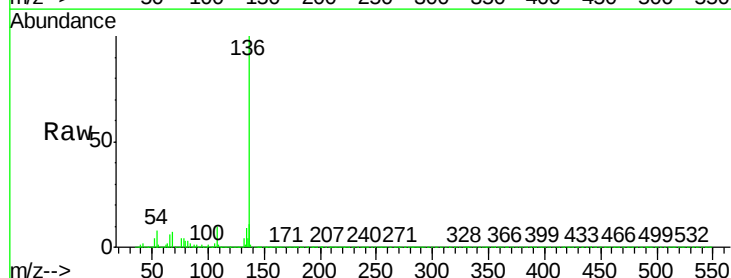
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.8 6.4 9.6

68 6.6 5.6 8.4

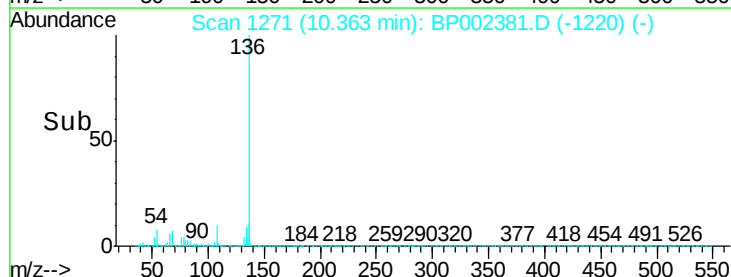
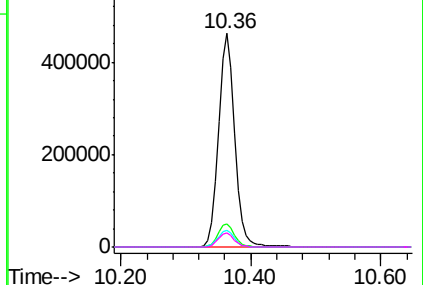


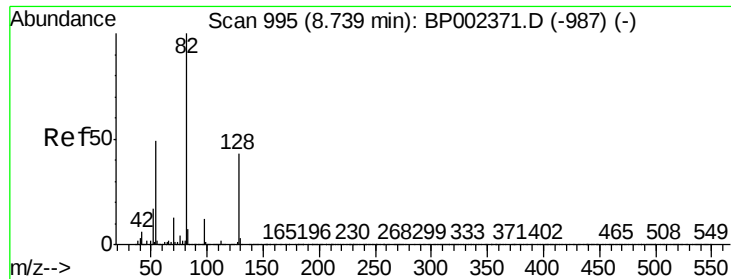
Abundance Ion 136.00 (135.70 to 136.70): E

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



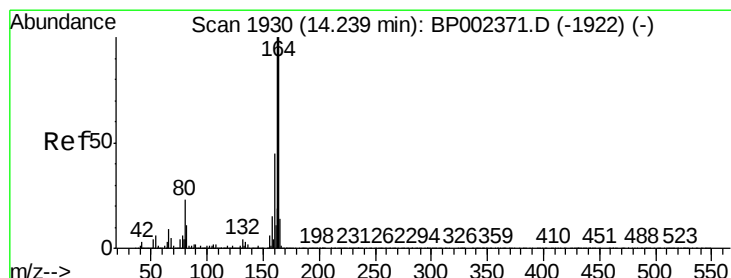
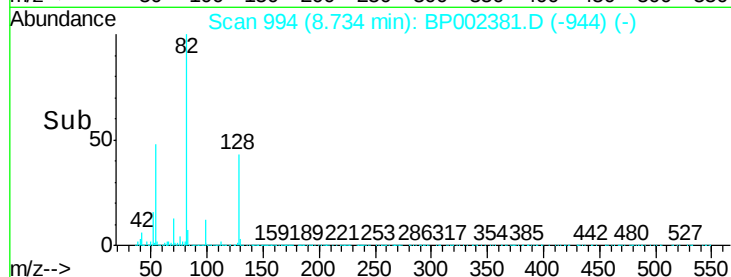
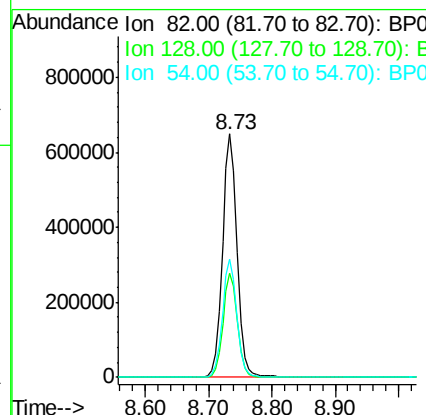
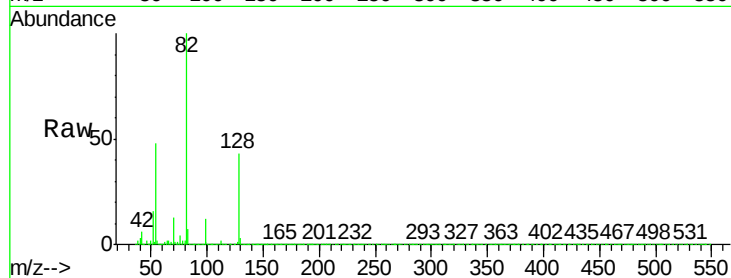


#23
 Nitrobenzene-d5
 Concen: 79.353 ng
 RT: 8.73 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BP002381.D
 Acq: 10 Jun 2020 18:50

Instrument :
 BNA_P
 ClientSampleId :
 PB129457BL

Tot Ion: 82 Resp: 1054928

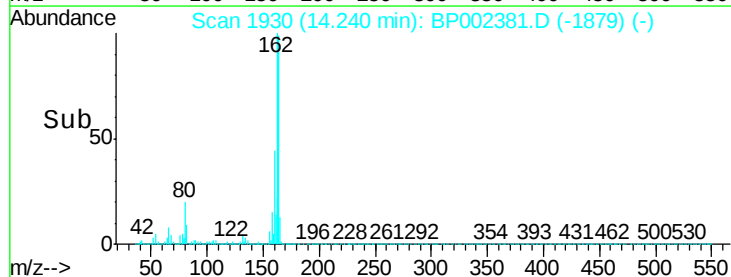
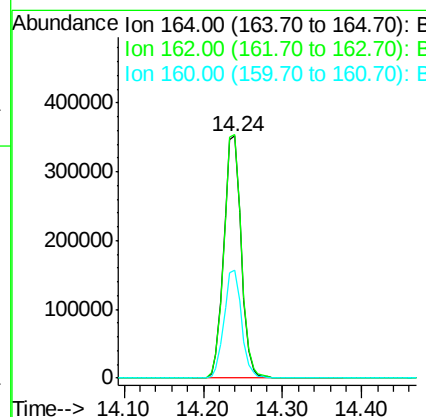
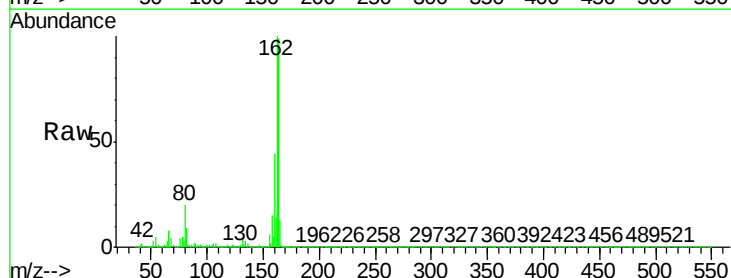
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.5	51.7
54	48.4	39.4	59.2

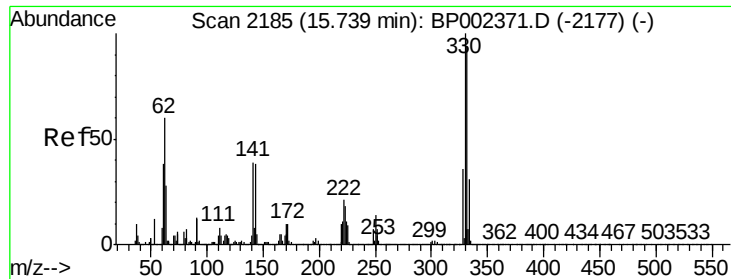


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.24 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BP002381.D
 Acq: 10 Jun 2020 18:50

Tgt Ion: 164 Resp: 534400

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.8	119.8
160	44.4	36.2	54.2

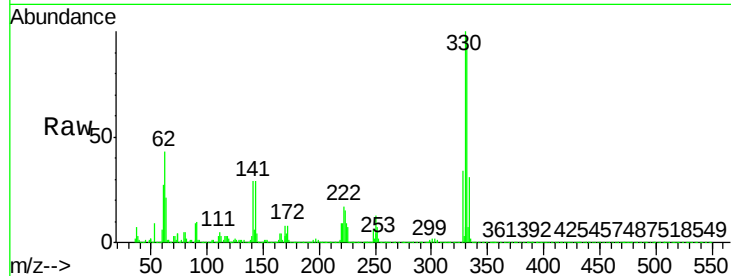




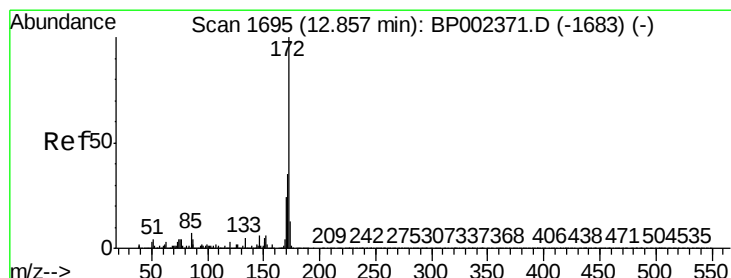
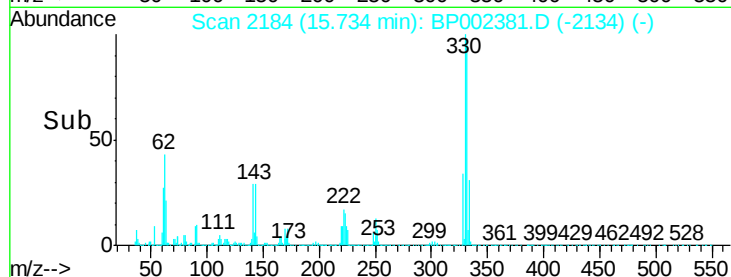
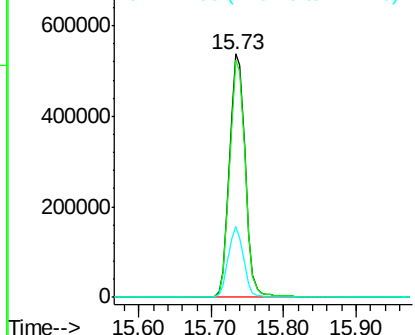
#42
2,4,6-Tribromophenol
Concen: 159.740 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Instrument :
BNA_P
ClientSampleId :
PB129457BL

Tot Ion:330 Resp: 817309
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 28.5 30.3 45.5#

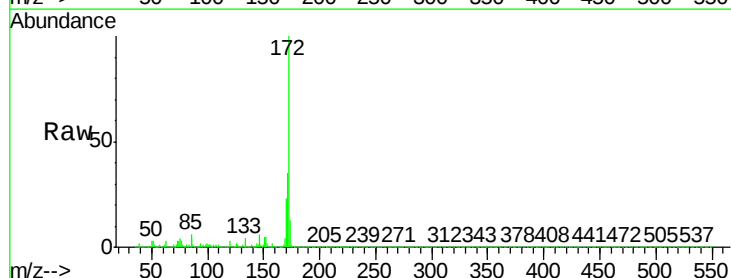


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

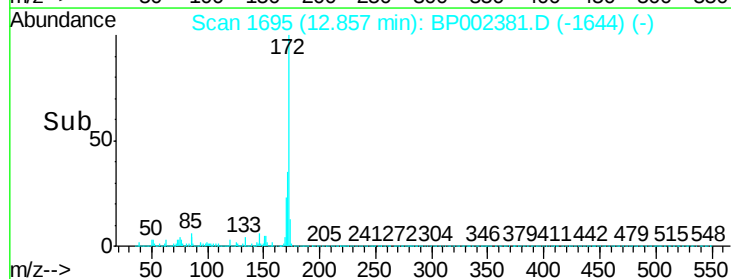
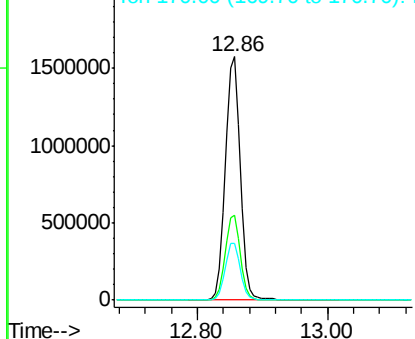


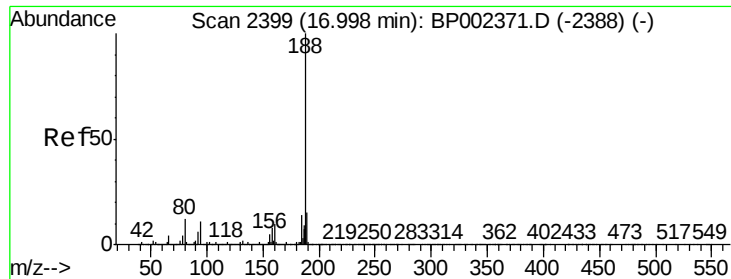
#45
2-Fluorobiphenyl
Concen: 79.210 ng
RT: 12.86 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:172 Resp: 2517505
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.5 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

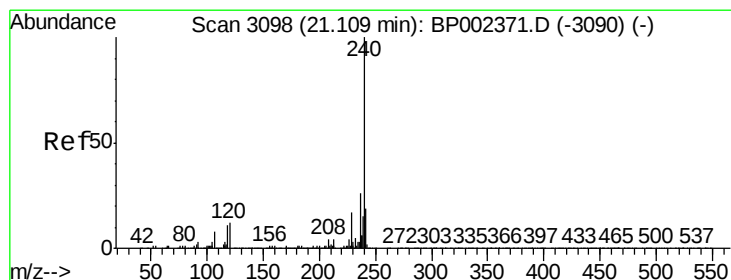
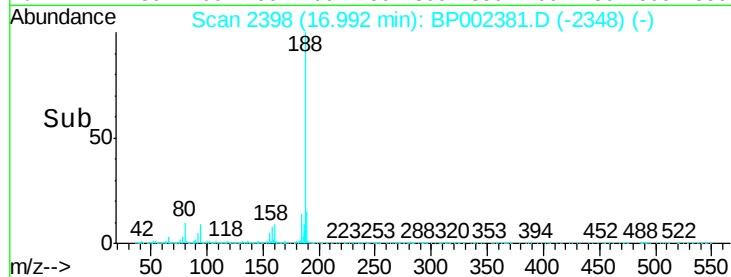
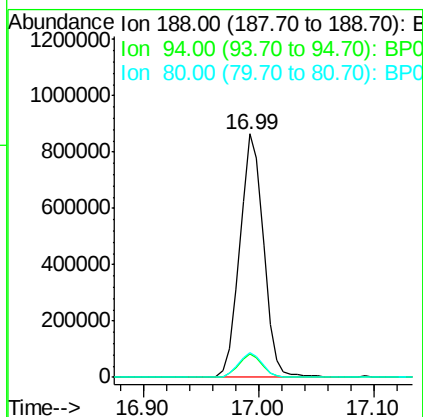
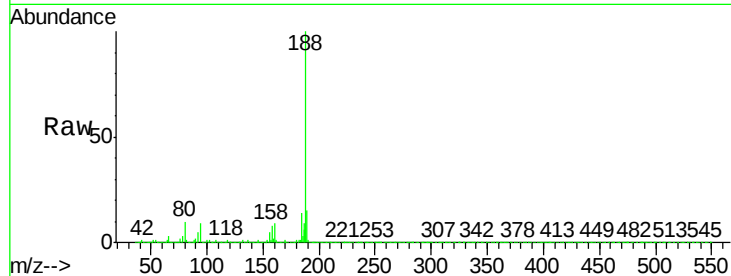




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

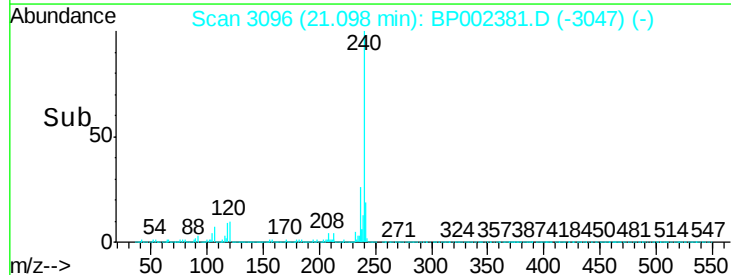
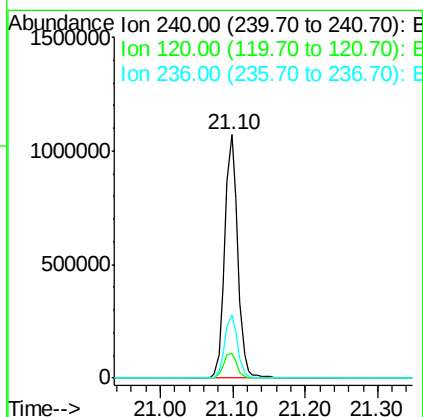
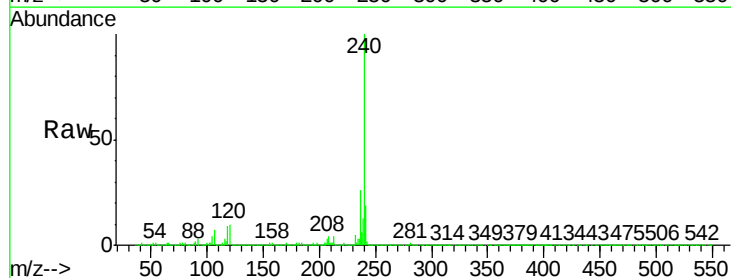
Instrument :
BNA_P
ClientSampleId :
PB129457BL

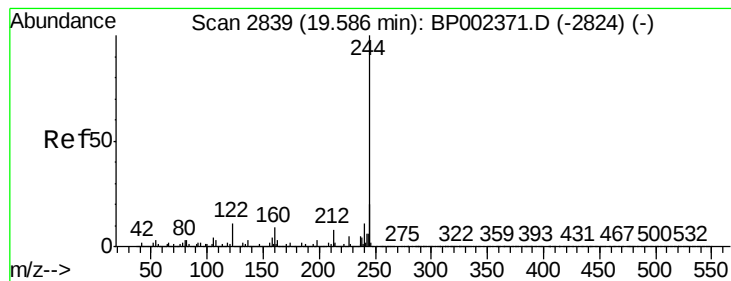
Tot Ion:188 Resp: 1234400
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.2 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BP002381.D
Acq: 10 Jun 2020 18:50

Tgt Ion:240 Resp: 1339535
Ion Ratio Lower Upper
240 100
120 10.4 9.3 13.9
236 25.8 21.0 31.6





#79

Terphenyl-d14

Concen: 86.234 ng

RT: 19.59 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BP002381.D

Acq: 10 Jun 2020 18:50

Instrument :

BNA_P

ClientSampleId :

PB129457BL

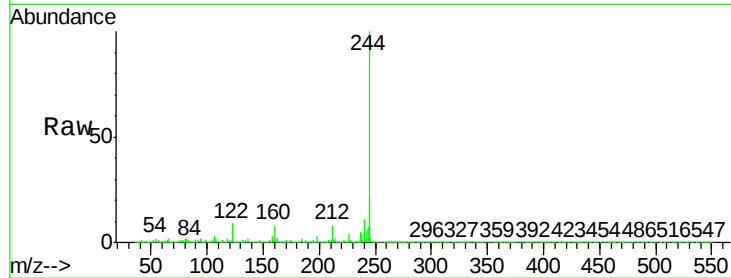
Tot Ion:244 Resp: 4408552

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

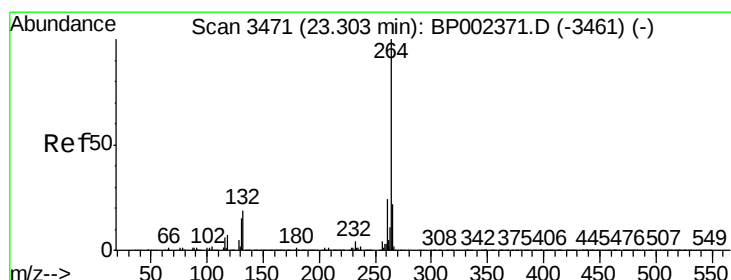
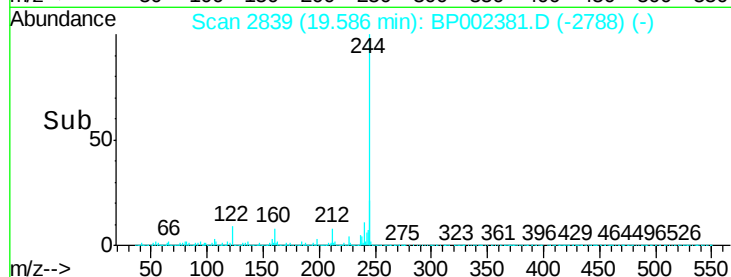
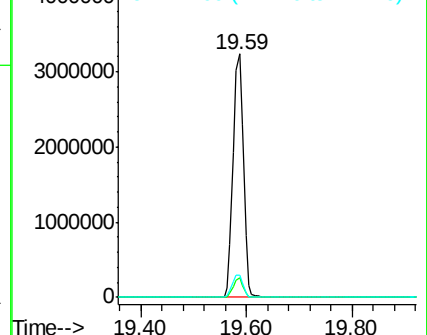
122 8.9 8.8 13.2



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: BP002381.D

Acq: 10 Jun 2020 18:50

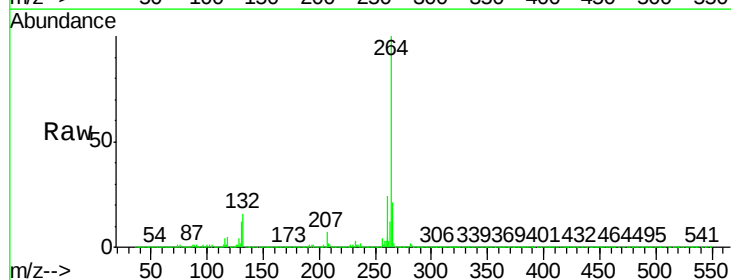
Tgt Ion:264 Resp: 1445604

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 21.4 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

