

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
 Data File : BP002315.D
 Acq On : 29 May 2020 15:12
 Operator : CG/JU
 Sample : PB129148BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129148BL

Quant Time: May 29 15:45:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	234421	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	962855	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	591003	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1299527	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1336712	20.00	ng	0.00
86) Perylene-d12	23.31	264	1430608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1773125	142.06	ng	0.00
7) Phenol-d6	6.79	99	2353460	138.61	ng	0.00
23) Nitrobenzene-d5	8.75	82	1601450	100.00	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	846168	151.07	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3333192	99.52	ng	0.00
79) Terphenyl-d14	19.60	244	5106792	92.52	ng	0.00

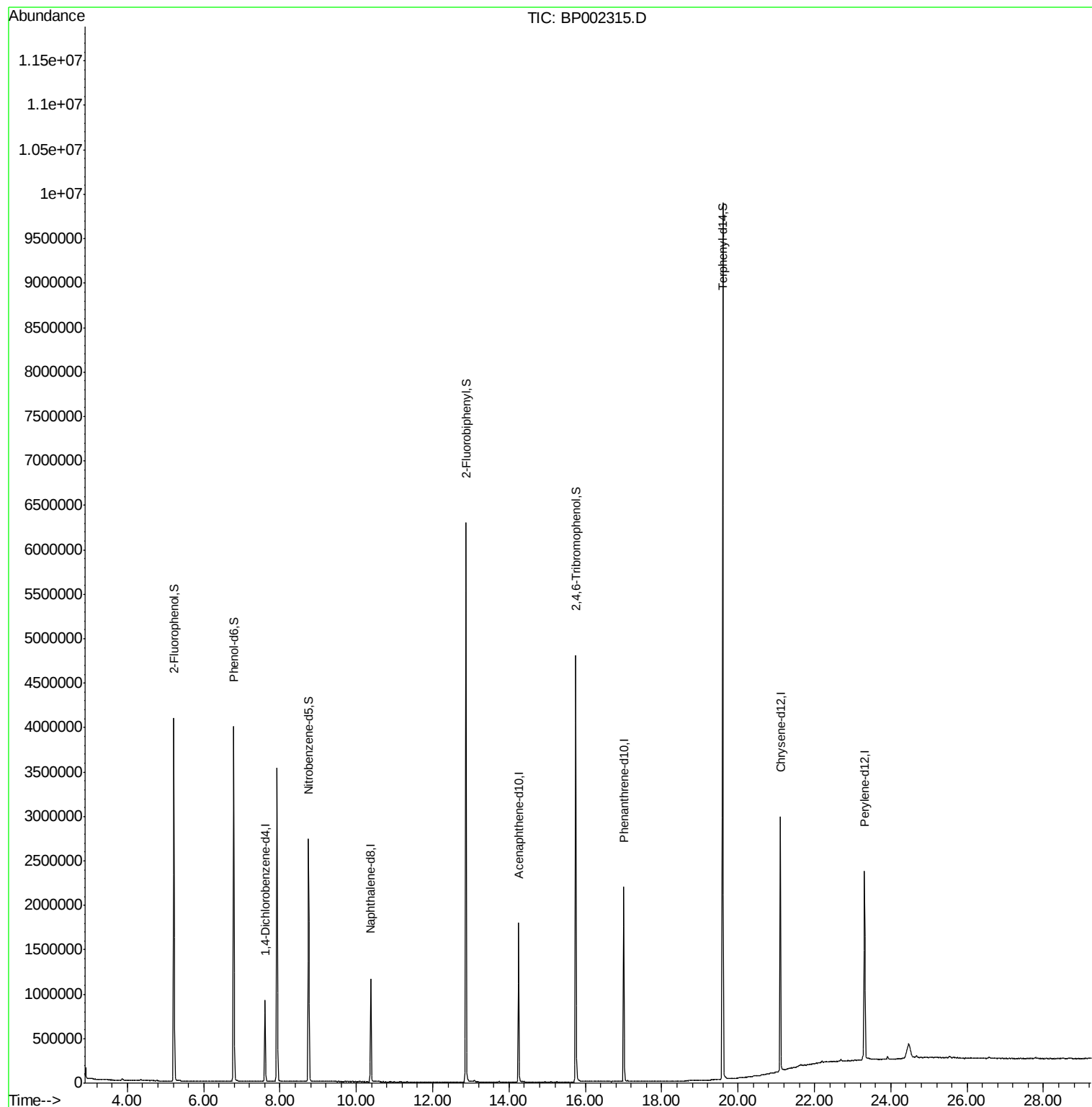
Target Compounds Qvalue

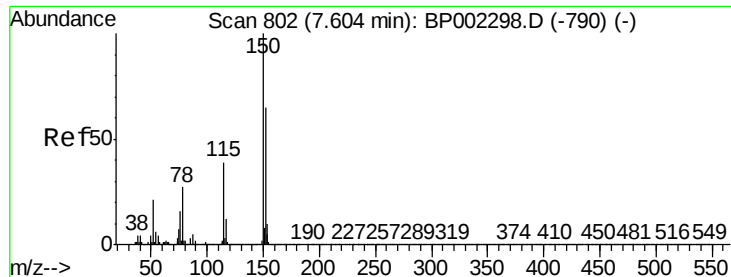
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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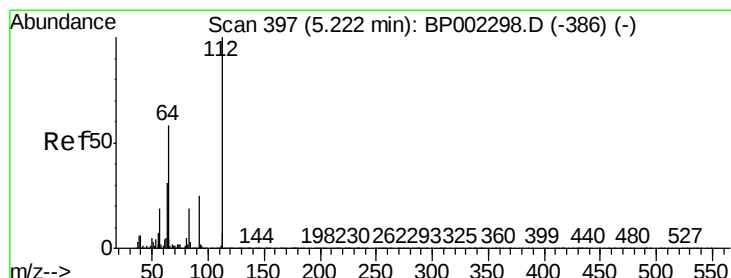
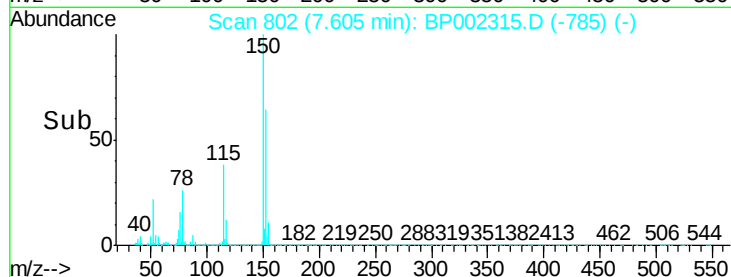
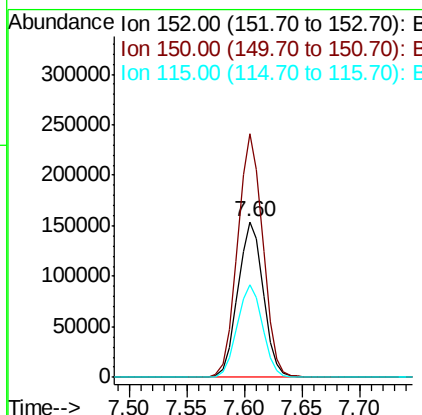
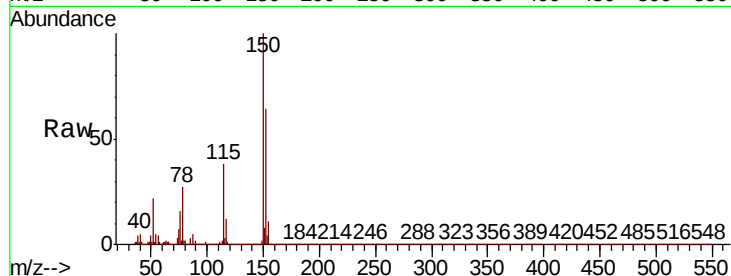


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002315.D
Acq: 29 May 2020 15:12

Instrument :
BNA_P
ClientSampleId :
PB129148BL

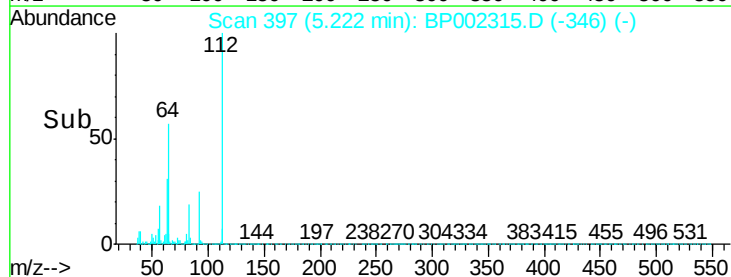
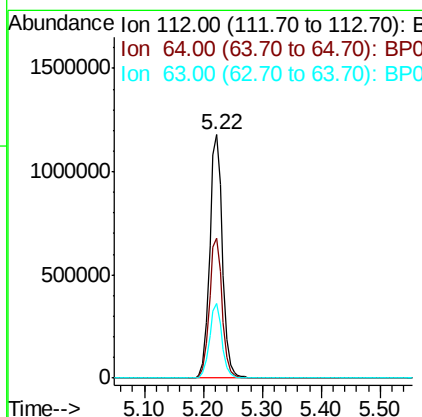
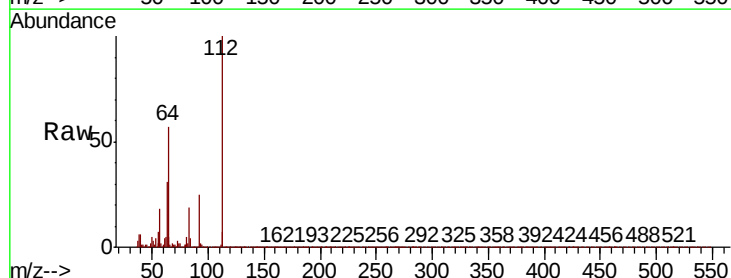
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.7	187.1
115	59.7	49.4	74.2

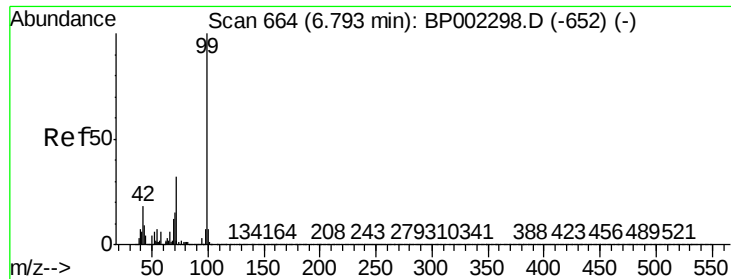


#5

2-Fluorophenol
Concen: 142.059 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002315.D
Acq: 29 May 2020 15:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.0	70.4
63	30.7	24.0	36.0





#7

Phenol-d6

Concen: 138.609 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.01 min

Lab File: BP002315.D

Acq: 29 May 2020 15:12

Instrument :

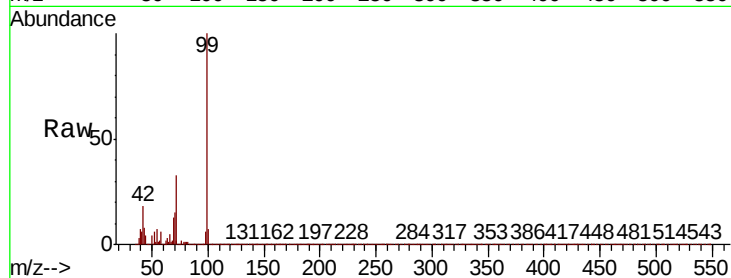
BNA_P

ClientSampleId :

PB129148BL

Tot Ion: 99 Resp: 2353460

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.9	20.9
71	32.7	25.8	38.8

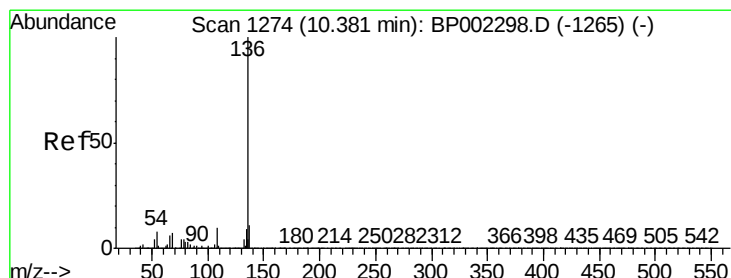
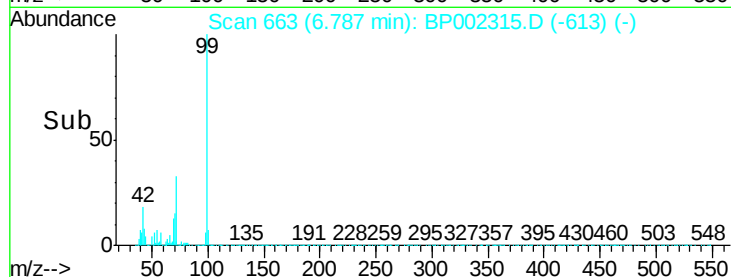
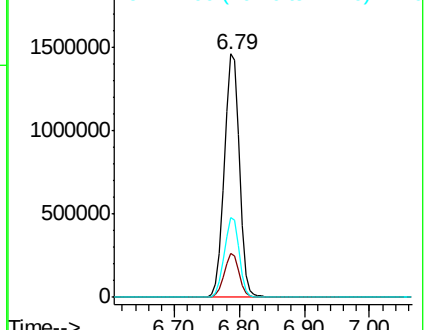


Abundance

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: 10.37 min Scan# 1273

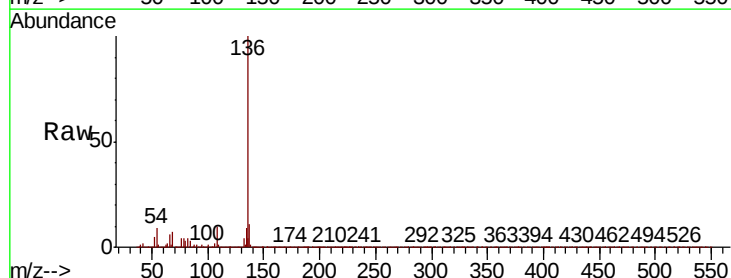
Delta R.T. -0.01 min

Lab File: BP002315.D

Acq: 29 May 2020 15:12

Tgt Ion: 136 Resp: 962855

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.7	6.9	10.3
68	6.8	5.6	8.4



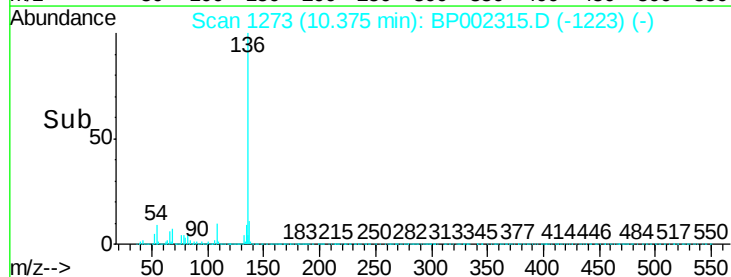
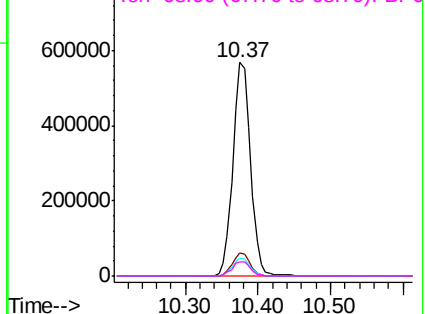
Abundance

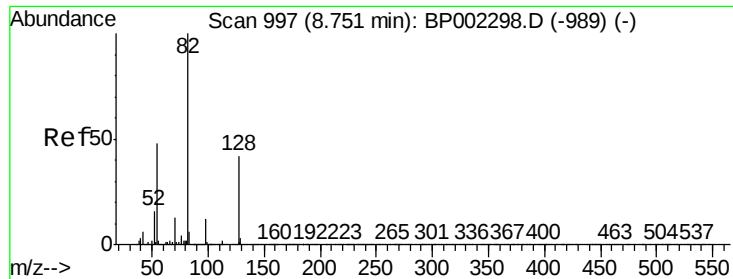
Ion 136.00 (135.70 to 136.70): E

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

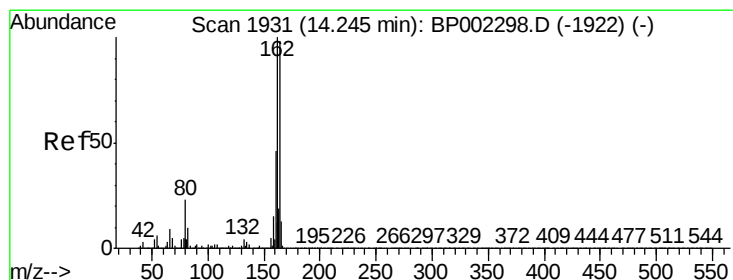
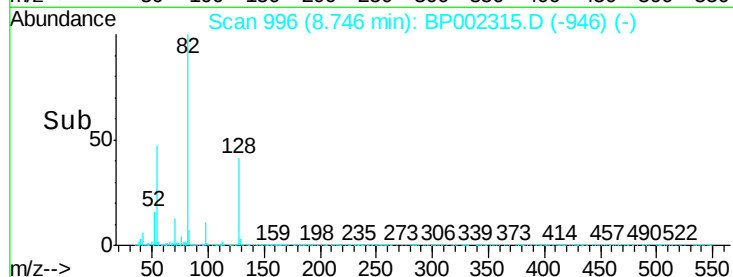
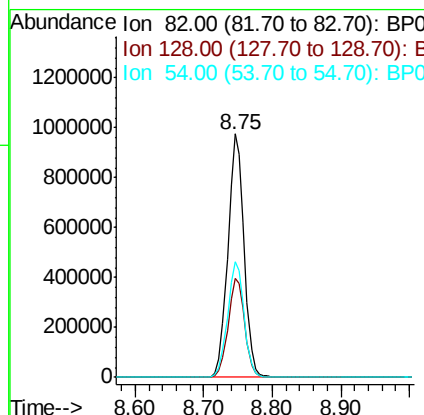
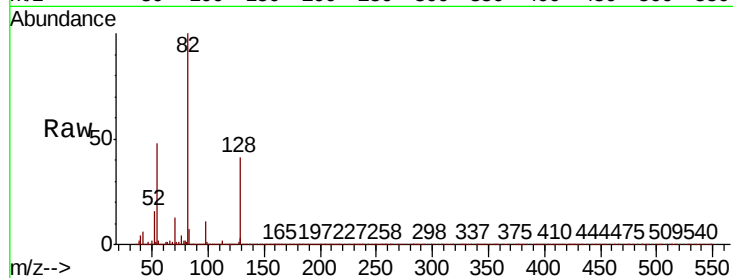




#23
 Nitrobenzene-d5
 Concen: 99.997 ng
 RT: 8.75 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BP002315.D
 Acq: 29 May 2020 15:12

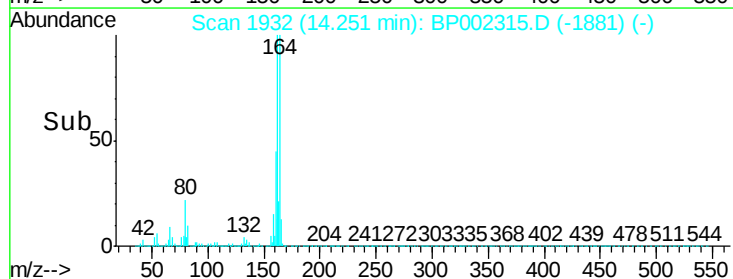
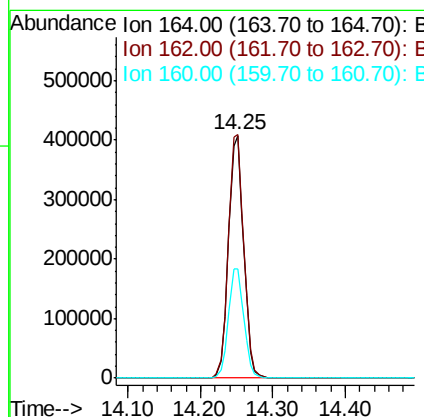
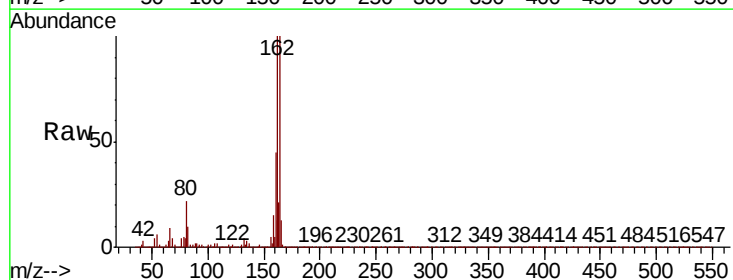
Instrument :
 BNA_P
 ClientSampleId :
 PB129148BL

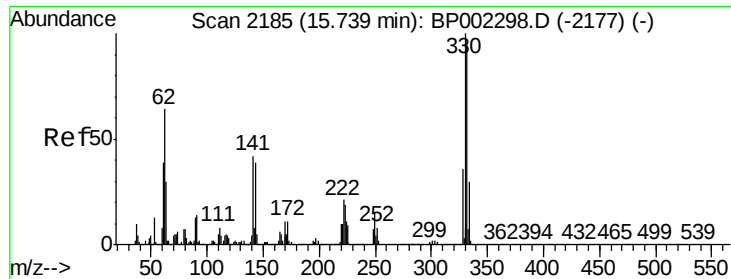
Tot Ion: 82 Resp: 1601450
 Ion Ratio Lower Upper
 82 100
 128 40.7 33.4 50.0
 54 47.5 38.3 57.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.25 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BP002315.D
 Acq: 29 May 2020 15:12

Tgt Ion: 164 Resp: 591003
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.3 121.9
 160 45.2 37.2 55.8

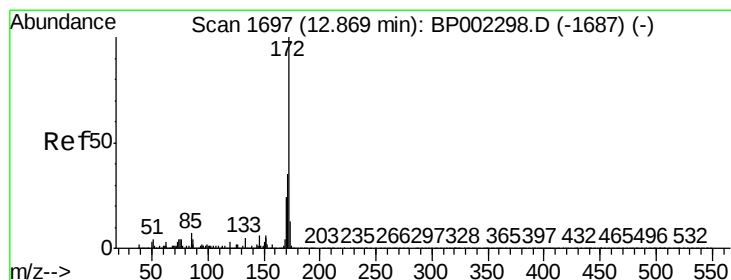
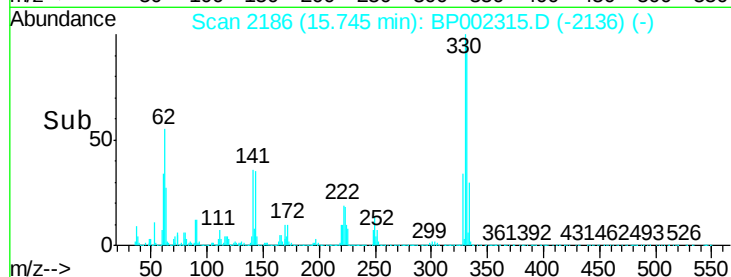
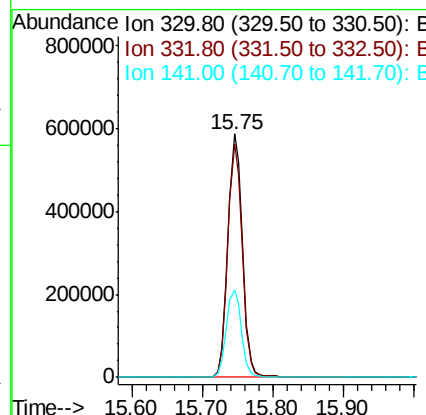
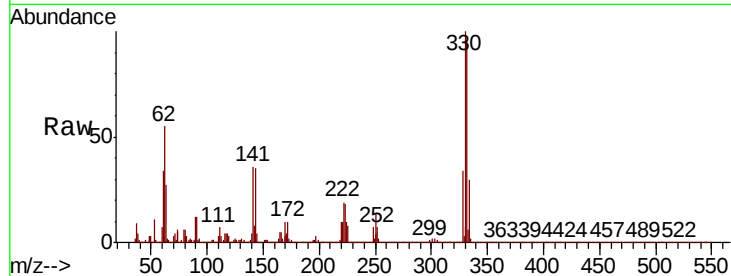




#42
 2,4,6-Tribromophenol
 Concen: 151.067 ng
 RT: 15.75 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BP002315.D
 Acq: 29 May 2020 15:12

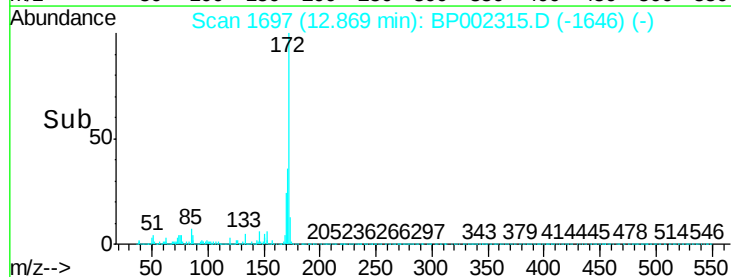
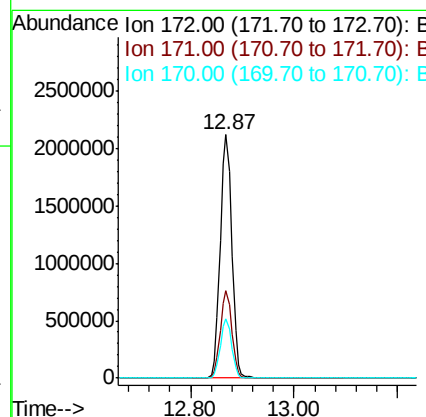
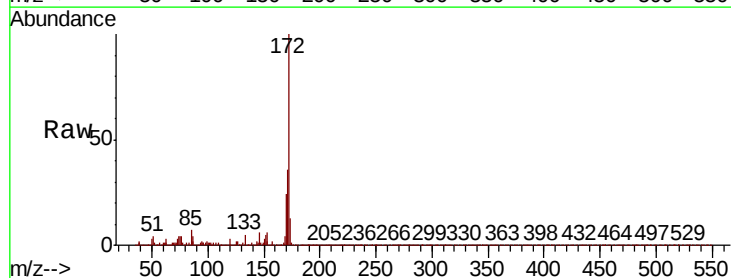
Instrument :
 BNA_P
 ClientSampleId :
 PB129148BL

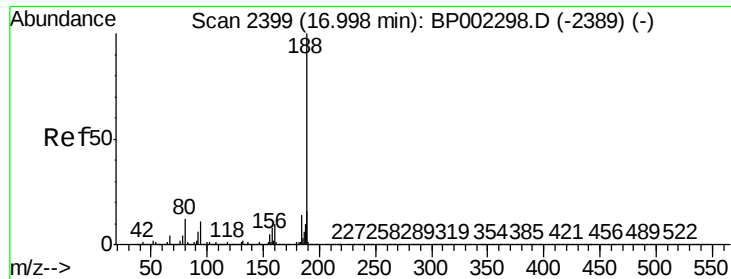
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.9	115.3
141	37.2	31.4	47.2



#45
 2-Fluorobiphenyl
 Concen: 99.518 ng
 RT: 12.87 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BP002315.D
 Acq: 29 May 2020 15:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.6	41.4
170	24.4	18.9	28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.00 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BP002315.D

Acq: 29 May 2020 15:12

Instrument :

BNA_P

ClientSampleId :

PB129148BL

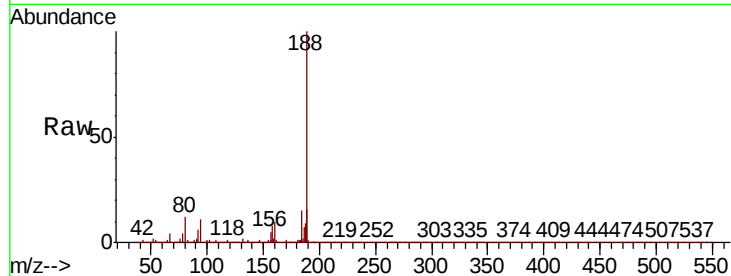
Tot Ion:188 Resp: 1299527

Ion Ratio Lower Upper

188 100

94 10.7 8.7 13.1

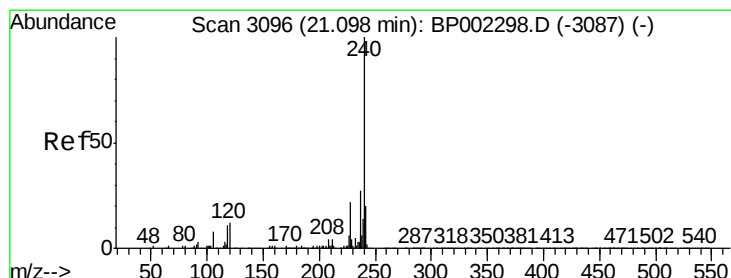
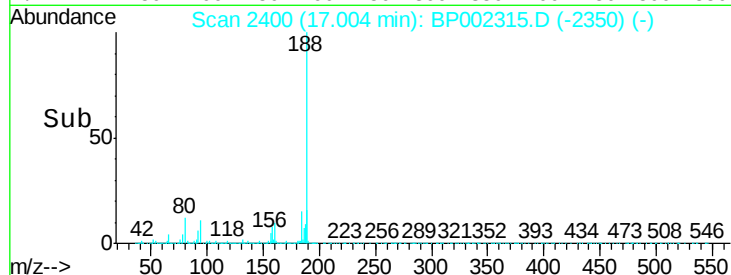
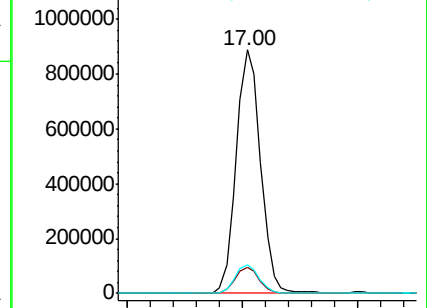
80 11.6 9.3 13.9



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: 21.11 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BP002315.D

Acq: 29 May 2020 15:12

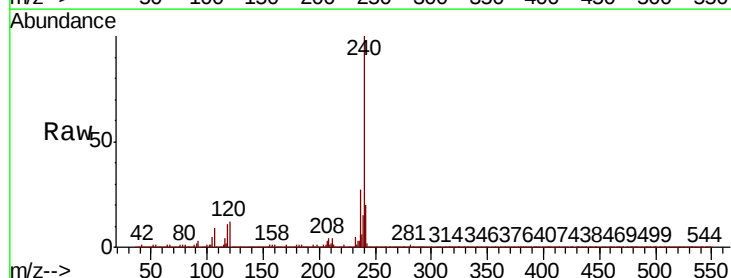
Tgt Ion:240 Resp: 1336712

Ion Ratio Lower Upper

240 100

120 11.9 8.7 13.1

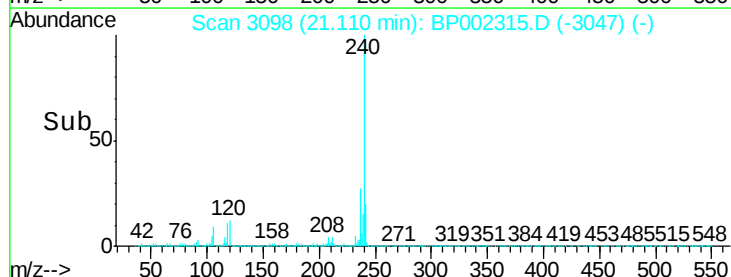
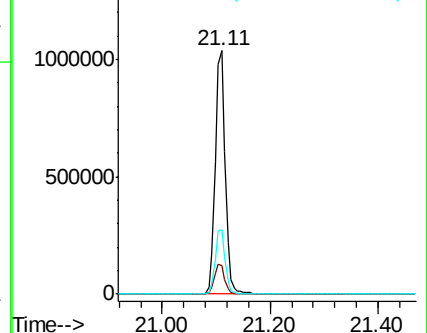
236 26.7 21.0 31.4

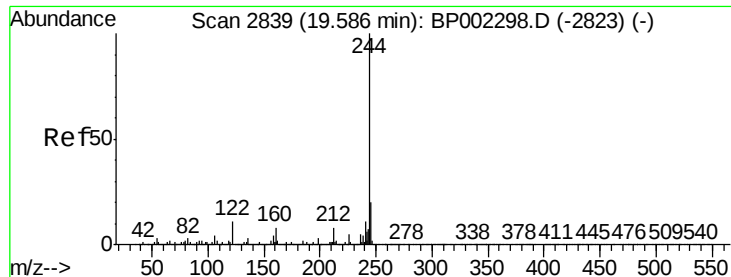


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.519 ng

RT: 19.60 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BP002315.D

Acq: 29 May 2020 15:12

Instrument :

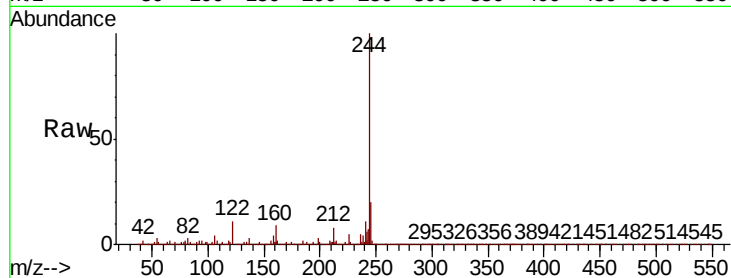
BNA_P

ClientSampleId :

PB129148BL

Tot Ion:244 Resp: 5106792

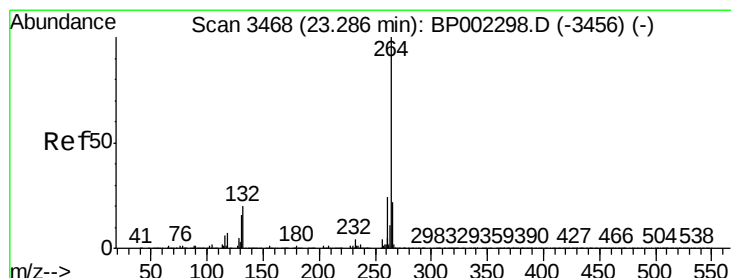
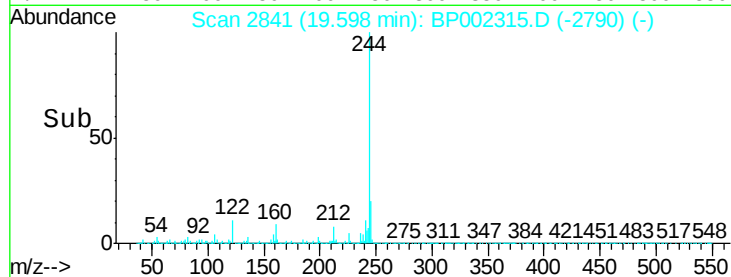
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	10.8	9.4	14.0



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: 23.31 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BP002315.D

Acq: 29 May 2020 15:12

Tgt Ion:264 Resp: 1430608

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.2	17.8	26.6

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

