

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061620\
 Data File : BP002415.D
 Acq On : 16 Jun 2020 15:02
 Operator : CG/JU
 Sample : PB129581BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129581BL

Quant Time: Jun 16 15:42:07 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	184679	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	760727	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	471381	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1065241	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1079924	20.00	ng	0.00
86) Perylene-d12	23.30	264	1142704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1324817	132.74	ng	0.00
7) Phenol-d6	6.78	99	1772162	133.37	ng	0.00
23) Nitrobenzene-d5	8.73	82	1216691	95.51	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	647216	143.41	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2550774	90.99	ng	0.00
79) Terphenyl-d14	19.59	244	3824016	93.93	ng	0.00

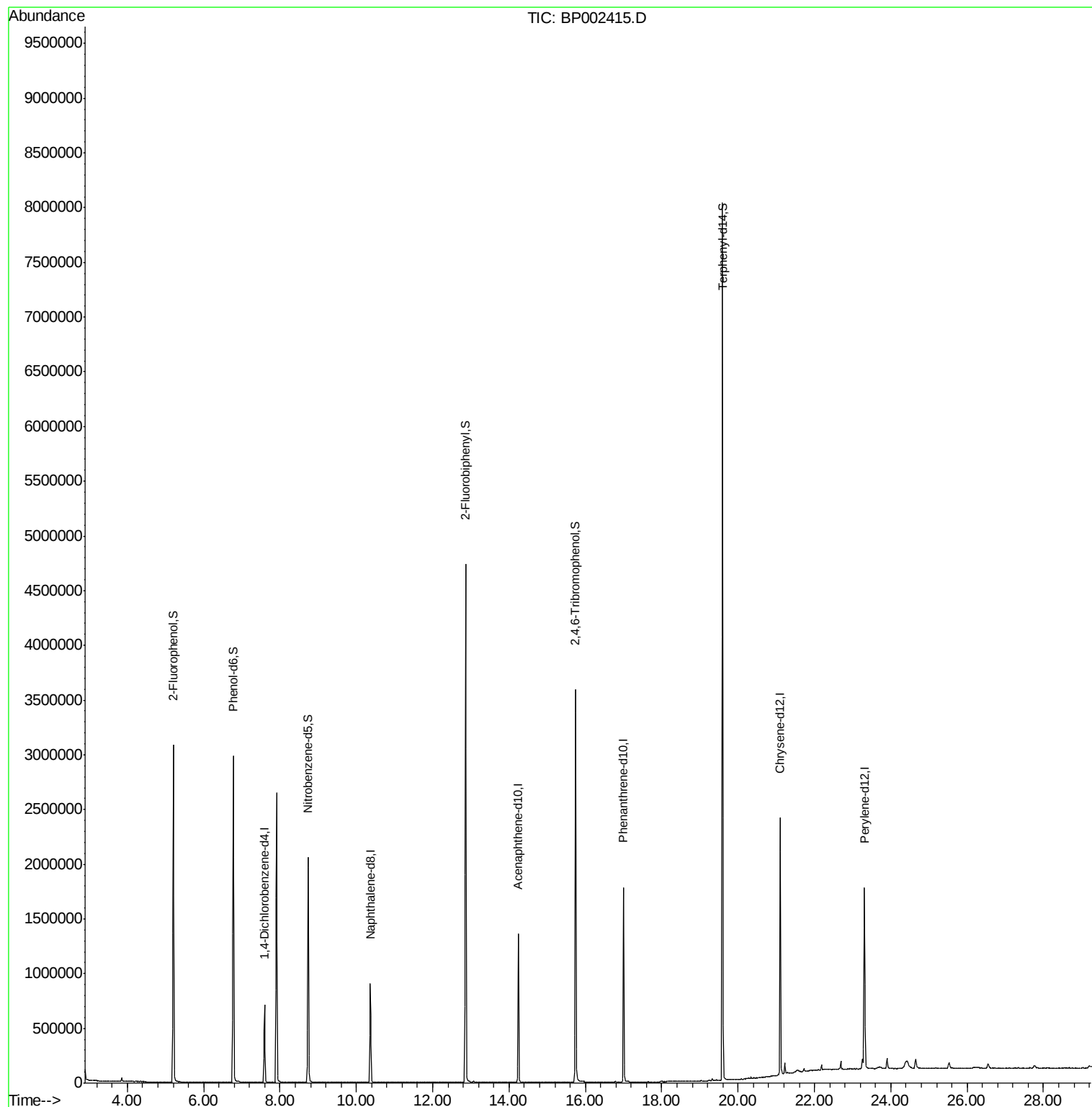
Target Compounds Qvalue

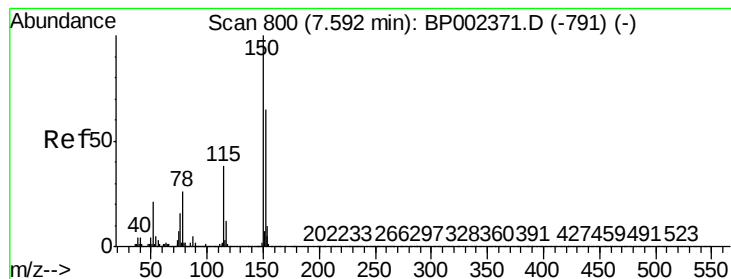
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP002415.D

Acq: 16 Jun 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB129581BL

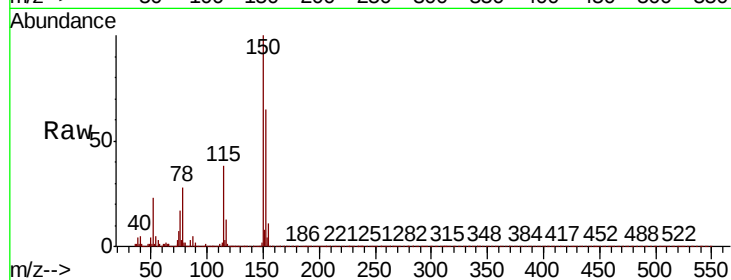
Tot Ion:152 Resp: 184679

Ion Ratio Lower Upper

152 100

150 153.9 124.0 186.0

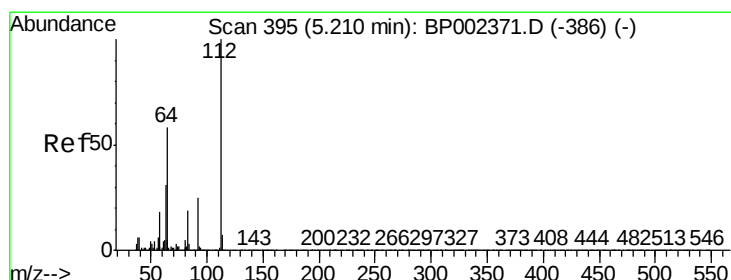
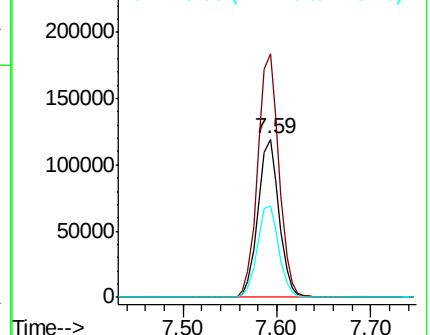
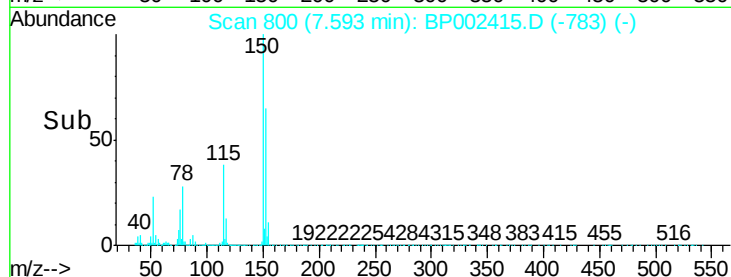
115 57.9 47.4 71.0



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: 132.742 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002415.D

Acq: 16 Jun 2020 15:02

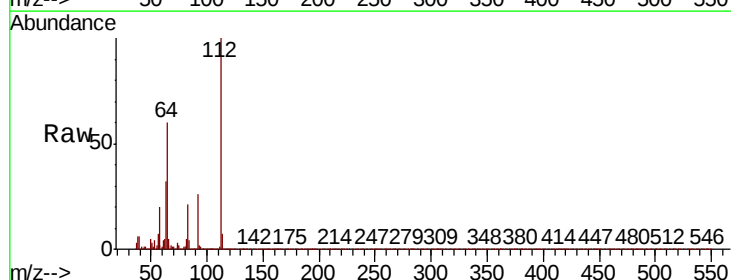
Tgt Ion:112 Resp: 1324817

Ion Ratio Lower Upper

112 100

64 59.5 46.2 69.2

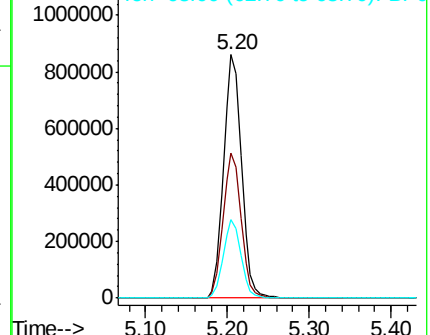
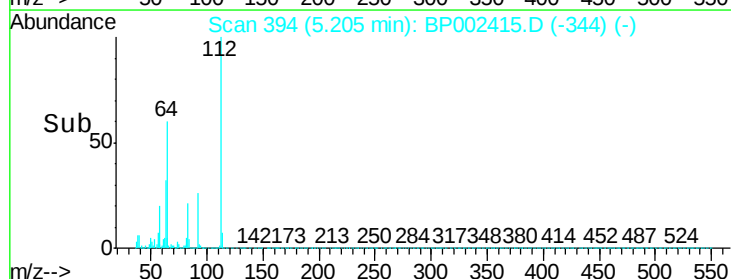
63 32.4 24.5 36.7



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: 133.367 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002415.D

Acq: 16 Jun 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB129581BL

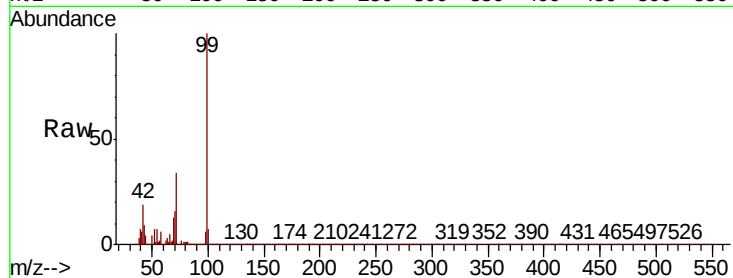
Tot Ion: 99 Resp: 1772162

Ion Ratio Lower Upper

99 100

42 18.6 14.6 22.0

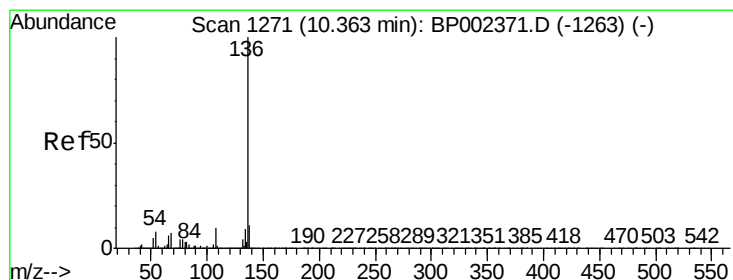
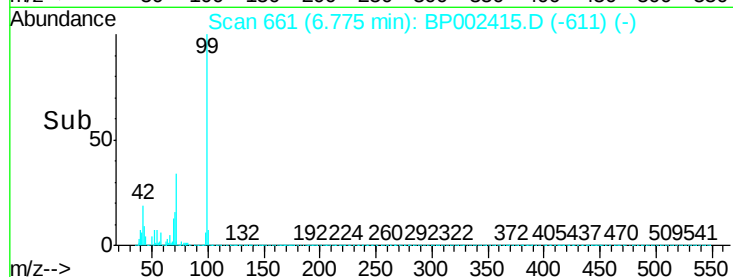
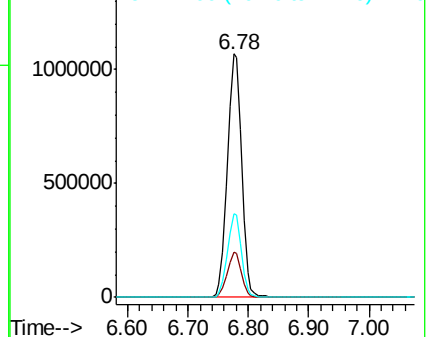
71 34.3 27.2 40.8



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: BP002415.D

Acq: 16 Jun 2020 15:02

Tgt Ion: 136 Resp: 760727

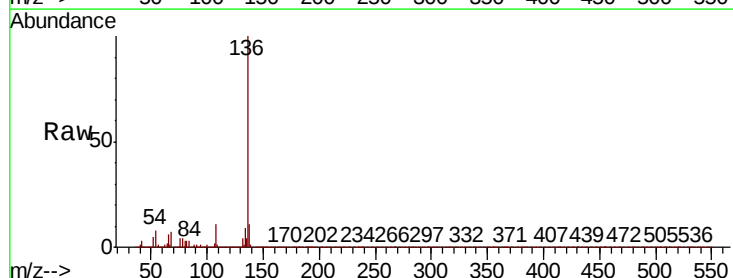
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.4 6.4 9.6

68 6.7 5.6 8.4

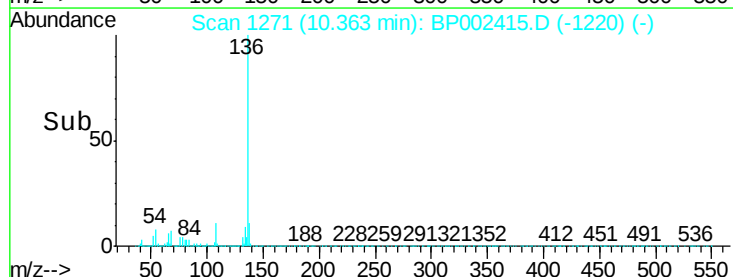
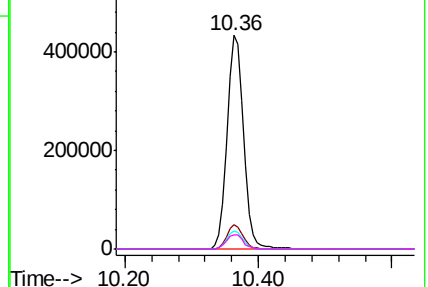


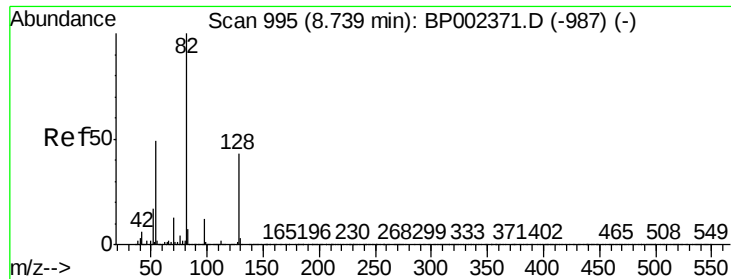
Abundance Ion 136.00 (135.70 to 136.70): E

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

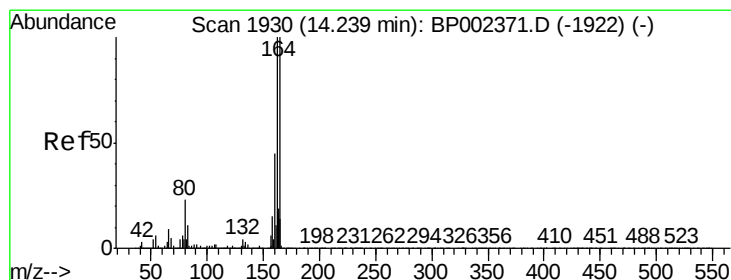
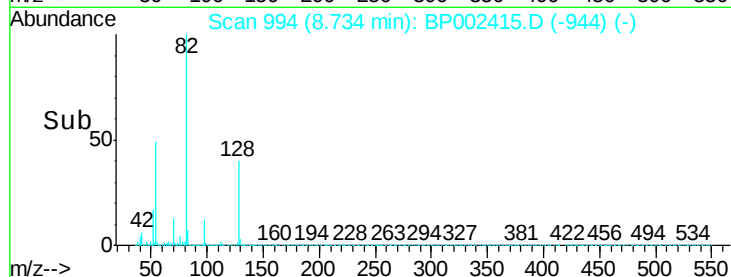
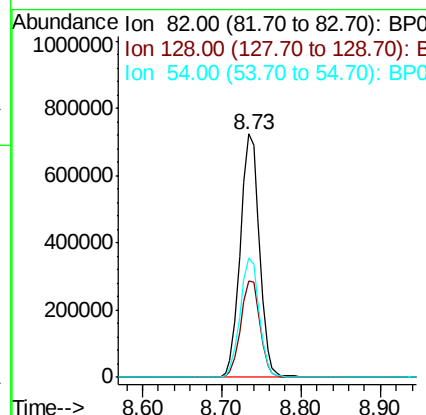
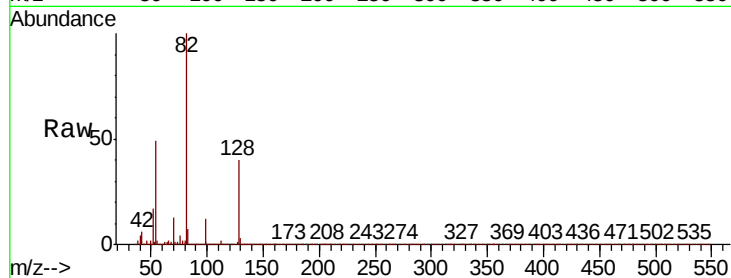




#23
Nitrobenzene-d5
Concen: 95.513 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002415.D
Acq: 16 Jun 2020 15:02

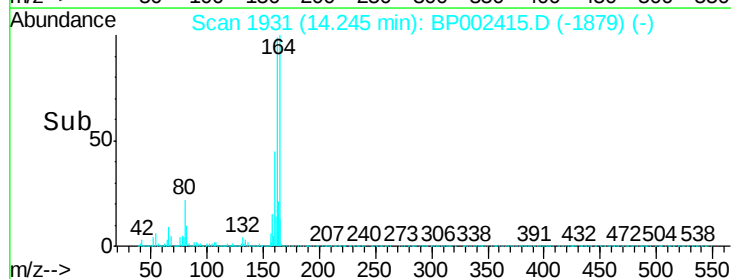
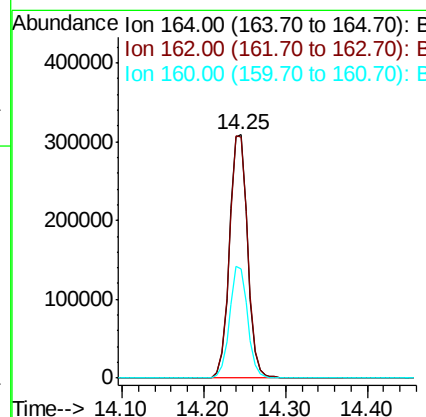
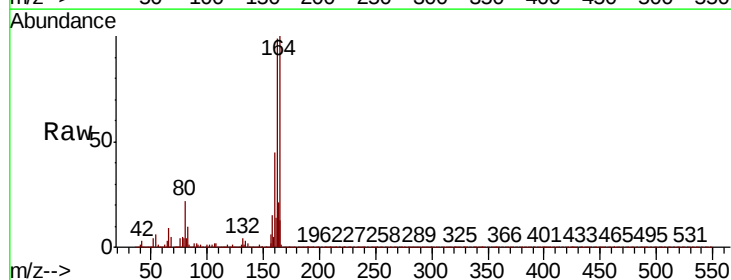
Instrument :
BNA_P
ClientSampleId :
PB129581BL

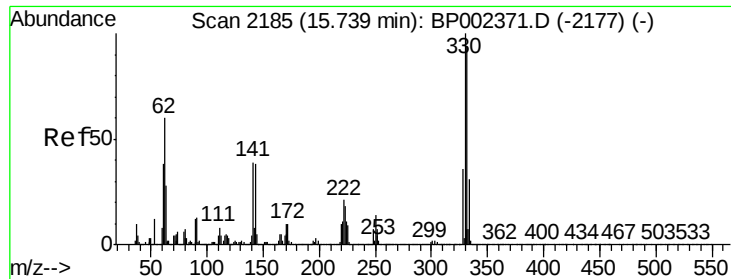
Tot Ion: 82 Resp: 1216691
Ion Ratio Lower Upper
82 100
128 39.8 34.5 51.7
54 49.2 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BP002415.D
Acq: 16 Jun 2020 15:02

Tgt Ion: 164 Resp: 471381
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.8
160 44.7 36.2 54.2

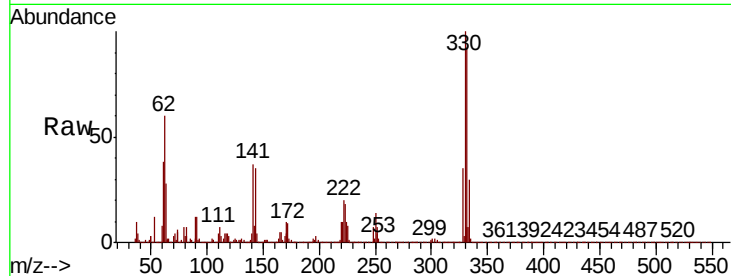




#42
 2,4,6-Tribromophenol
 Concen: 143.407 ng
 RT: 15.74 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BP002415.D
 Acq: 16 Jun 2020 15:02

Instrument :
 BNA_P
 ClientSampleId :
 PB129581BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	36.0	30.3	45.5

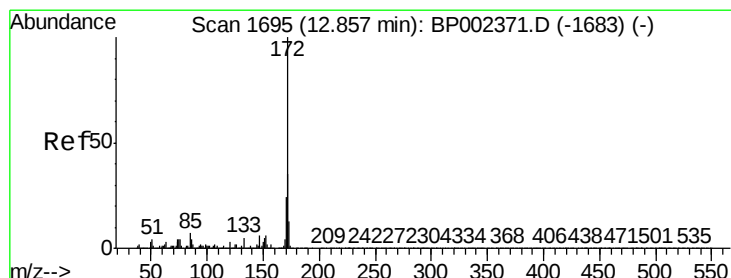
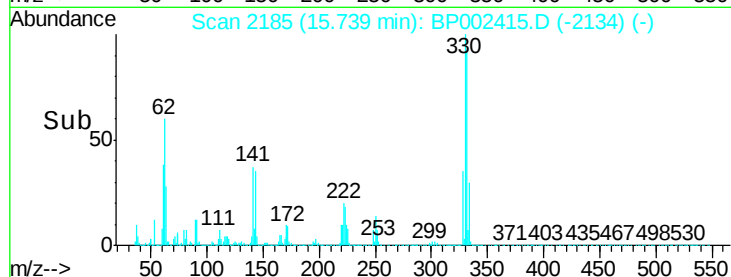
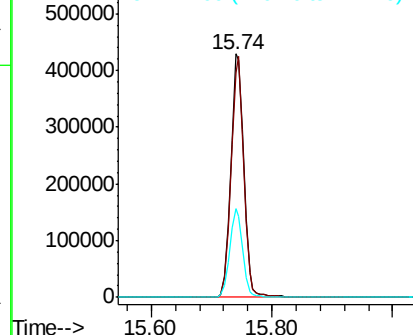


Abundance

Ion 329.80 (329.50 to 330.50): E

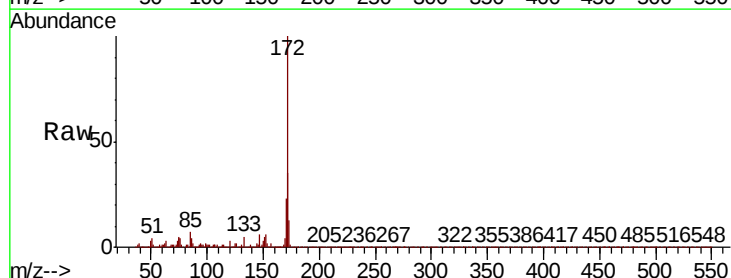
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.986 ng
 RT: 12.86 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BP002415.D
 Acq: 16 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.8
170	23.3	19.0	28.6

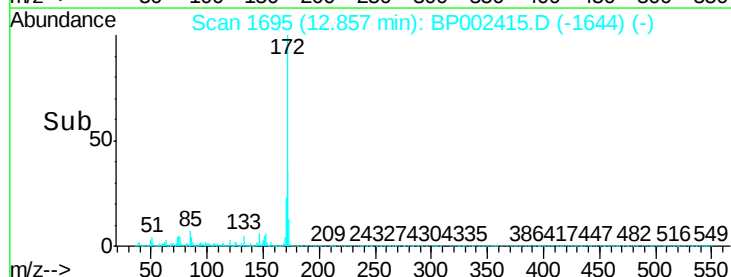
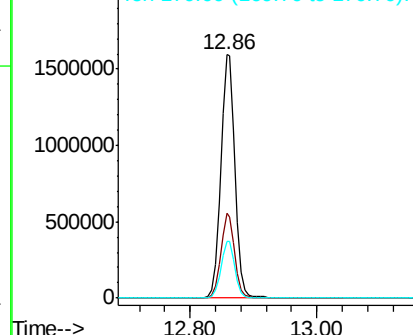


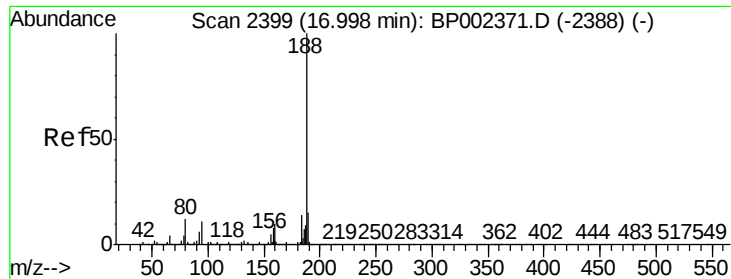
Abundance

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: 17.00 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BP002415.D

Acq: 16 Jun 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB129581BL

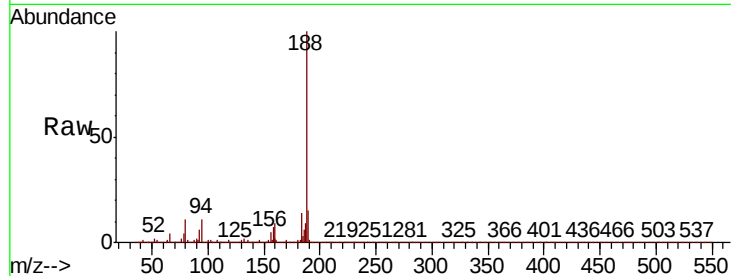
Tot Ion:188 Resp: 1065241

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

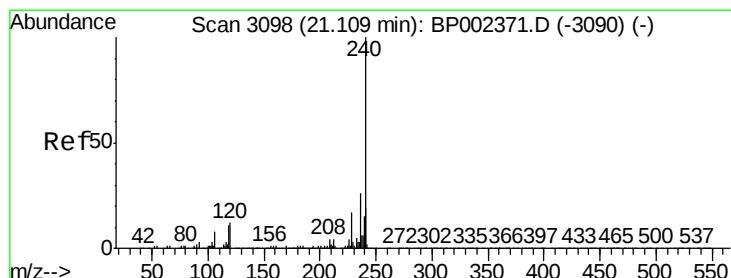
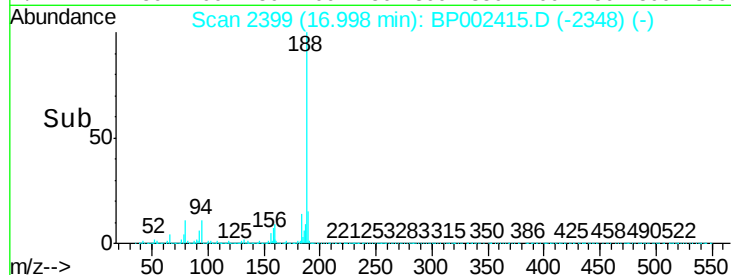
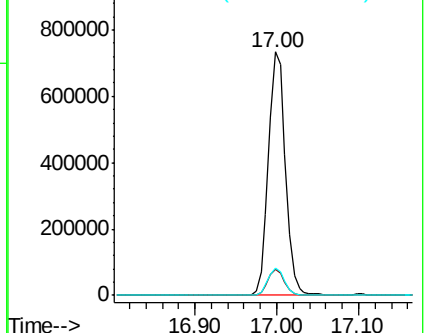
80 11.3 9.4 14.0



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: BP002415.D

Acq: 16 Jun 2020 15:02

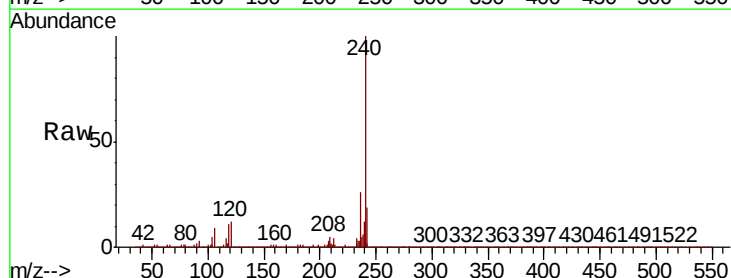
Tgt Ion:240 Resp: 1079924

Ion Ratio Lower Upper

240 100

120 12.3 9.3 13.9

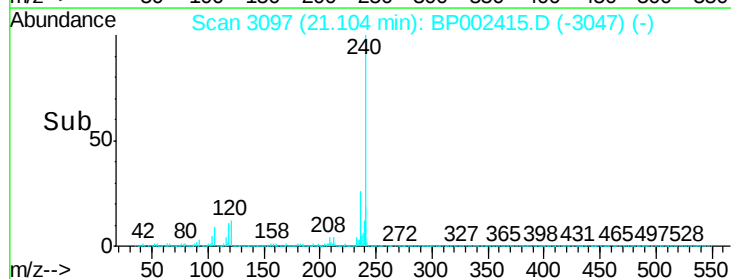
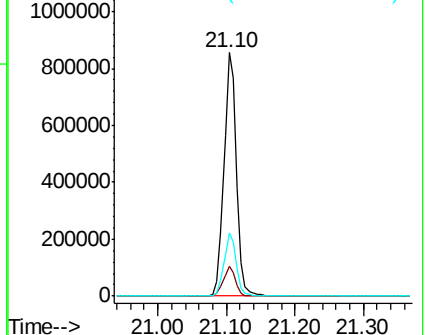
236 25.7 21.0 31.6

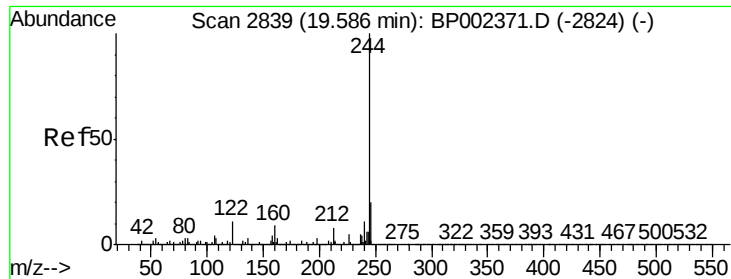


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.934 ng

RT: 19.59 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BP002415.D

Acq: 16 Jun 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB129581BL

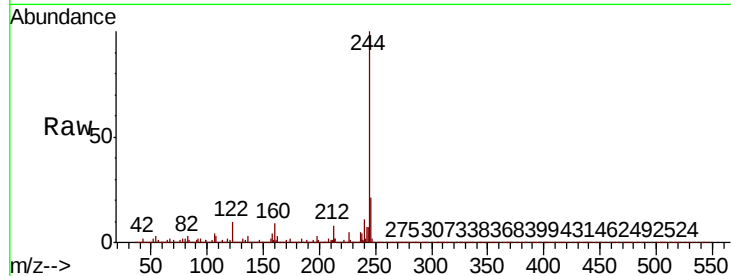
Tot Ion:244 Resp: 3824016

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

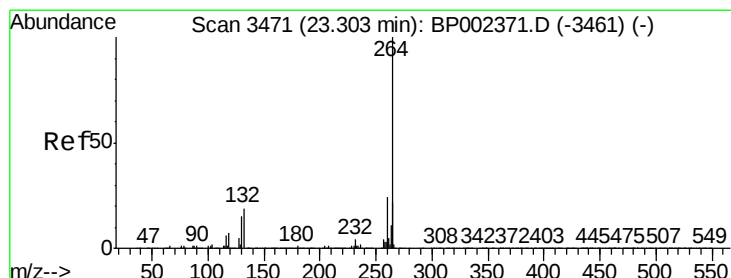
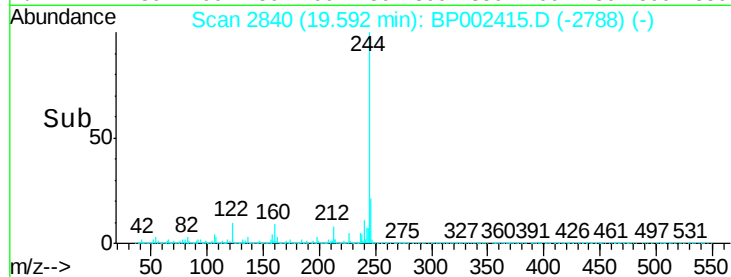
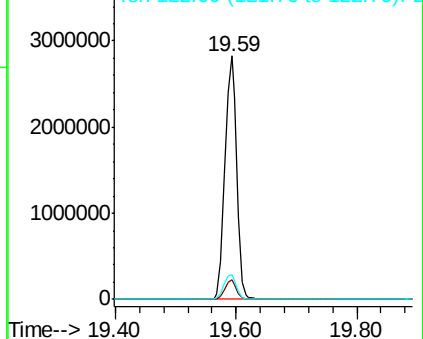
122 10.3 8.8 13.2



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# 3471

Delta R.T. 0.00 min

Lab File: BP002415.D

Acq: 16 Jun 2020 15:02

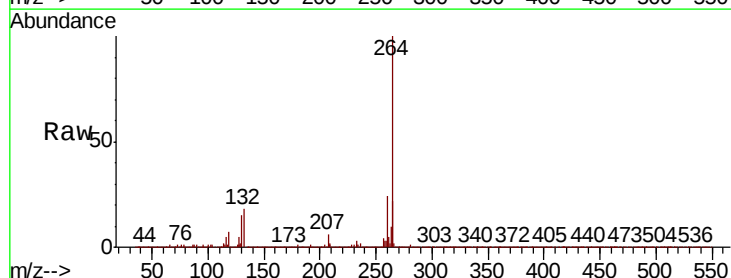
Tgt Ion:264 Resp: 1142704

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 21.5 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

