

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062220\
 Data File : BP002478.D
 Acq On : 22 Jun 2020 14:05
 Operator : CG/JU
 Sample : PB129674BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129674BL

Quant Time: Jun 22 16:20:46 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

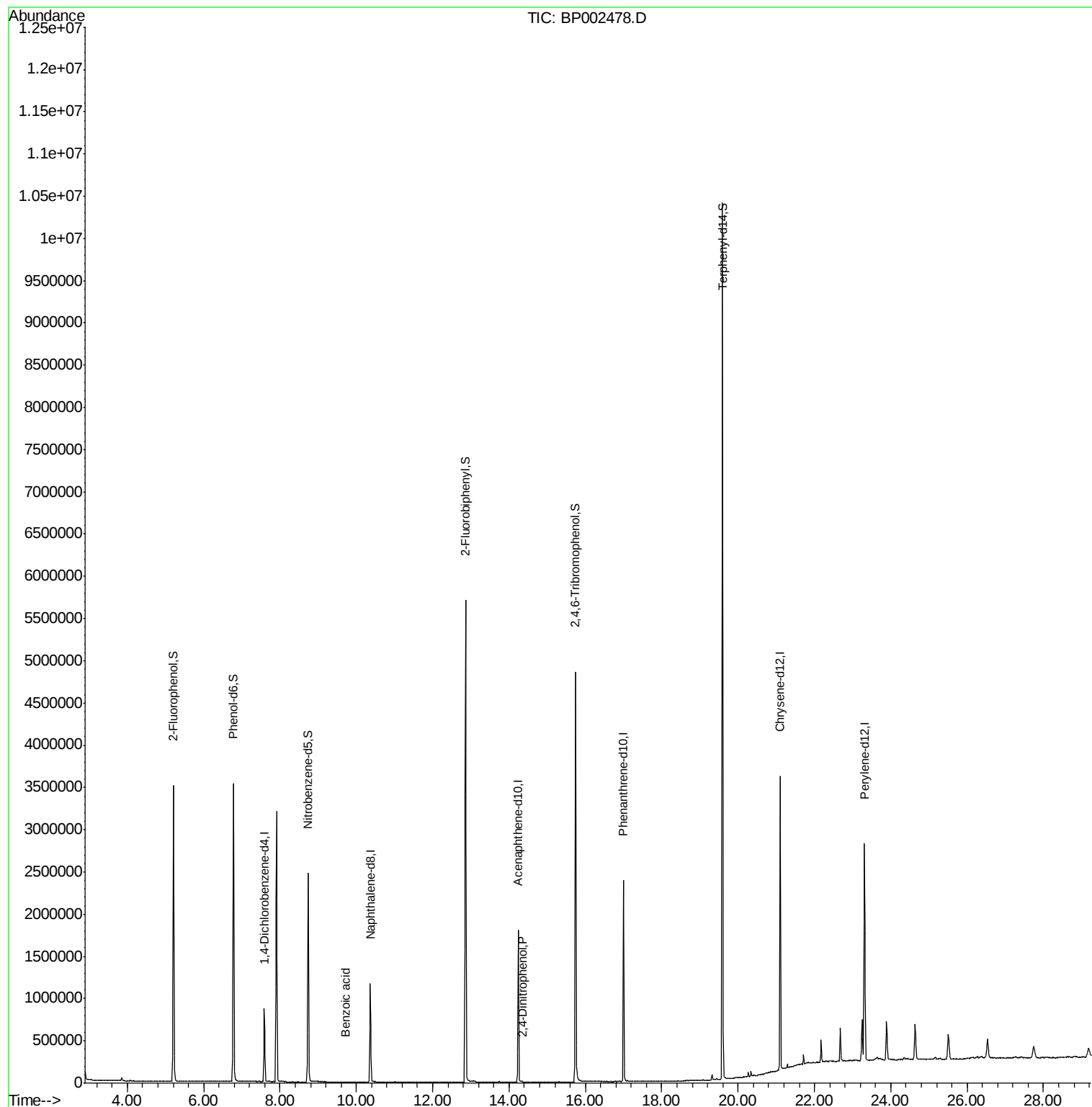
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	235954	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	954296	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	629510	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1477728	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1642729	20.00	ng	0.00
86) Perylene-d12	23.31	264	1816484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1617941	126.88	ng	0.00
7) Phenol-d6	6.78	99	2099605	123.67	ng	0.00
23) Nitrobenzene-d5	8.73	82	1469548	91.96	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	1069520	177.45	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	3251083	86.84	ng	0.00
79) Terphenyl-d14	19.59	244	5594892	88.78	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	166	Below Cal	#	41
32) Benzoic acid	9.71	122	21	4.601 ng	#	1
54) 2,4-Dinitrophenol	14.36	184	38	2.793 ng	#	1
61) 4-Chlorophenyl-phenylether	15.31	204	62	Below Cal	#	1

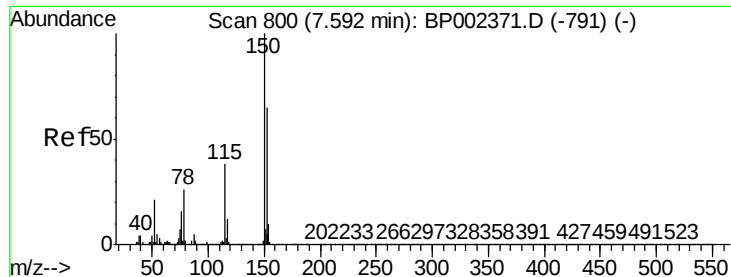
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP002478.D

Acq: 22 Jun 2020 14:05

Instrument :

BNA_P

ClientSampleId :

PB129674BL

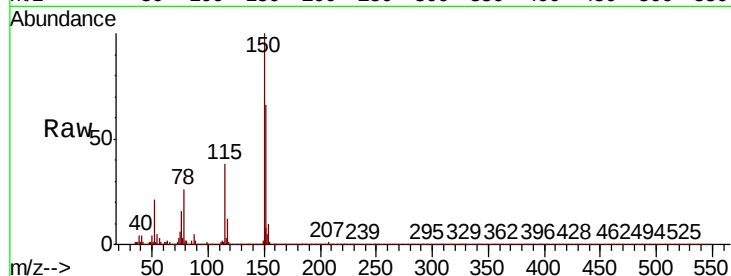
Tot Ion:152 Resp: 235954

Ion Ratio Lower Upper

152 100

150 151.8 124.0 186.0

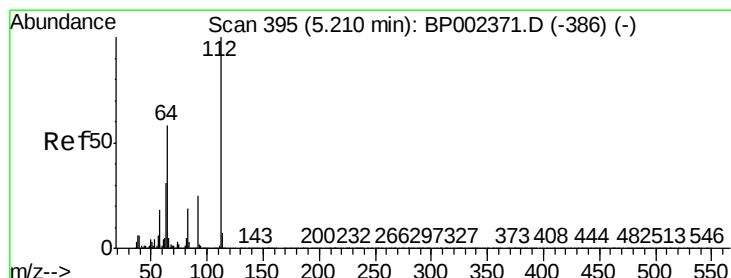
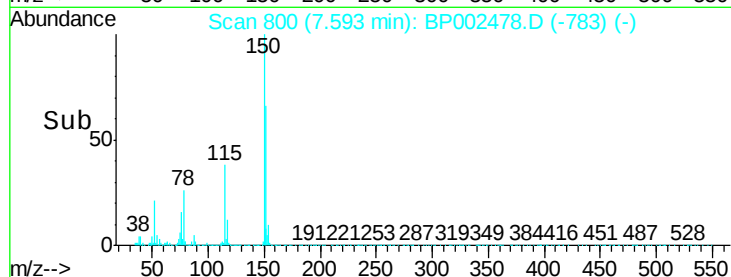
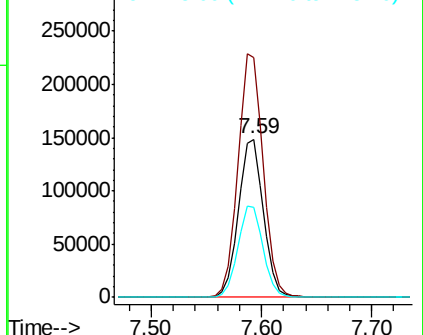
115 57.0 47.4 71.0



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: 126.883 ng

RT: 5.21 min Scan# 395

Delta R.T. 0.00 min

Lab File: BP002478.D

Acq: 22 Jun 2020 14:05

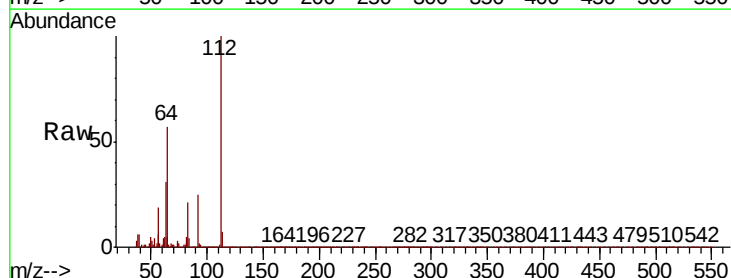
Tgt Ion:112 Resp: 1617941

Ion Ratio Lower Upper

112 100

64 57.3 46.2 69.2

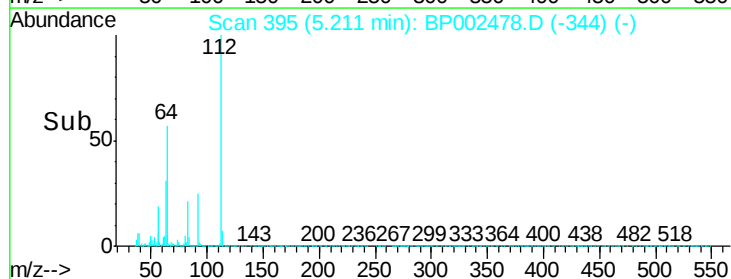
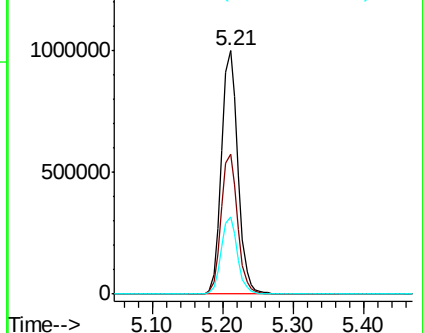
63 31.5 24.5 36.7

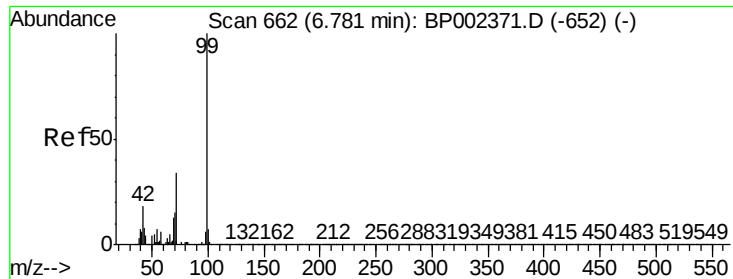


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 123.673 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002478.D

Acq: 22 Jun 2020 14:05

Instrument :

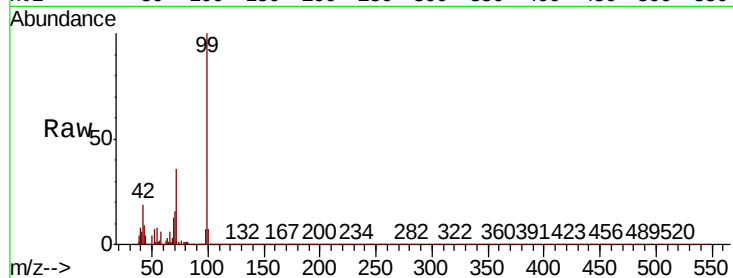
BNA_P

ClientSampleId :

PB129674BL

Tot Ion: 99 Resp: 2099605

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.6	22.0
71	36.1	27.2	40.8

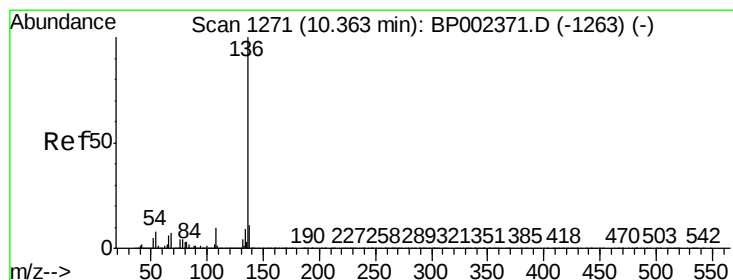
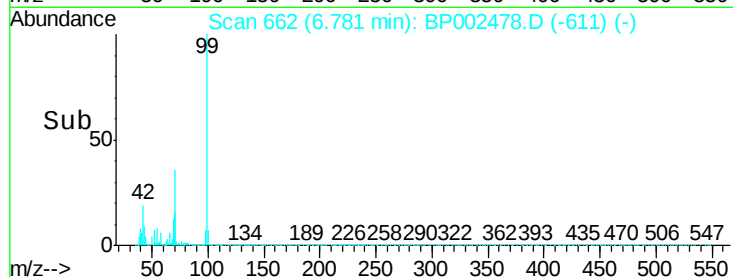
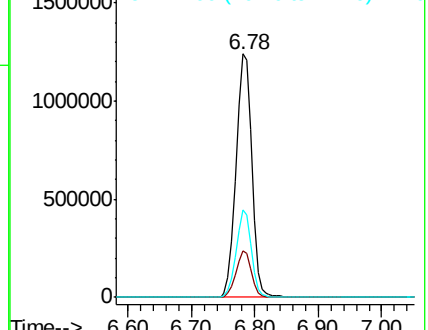


Abundance

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

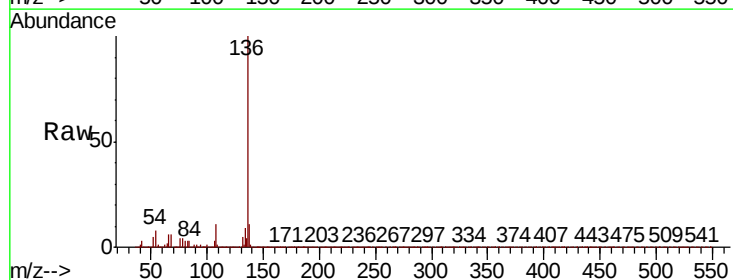
Delta R.T. 0.00 min

Lab File: BP002478.D

Acq: 22 Jun 2020 14:05

Tgt Ion: 136 Resp: 954296

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.1	6.4	9.6
68	6.4	5.6	8.4



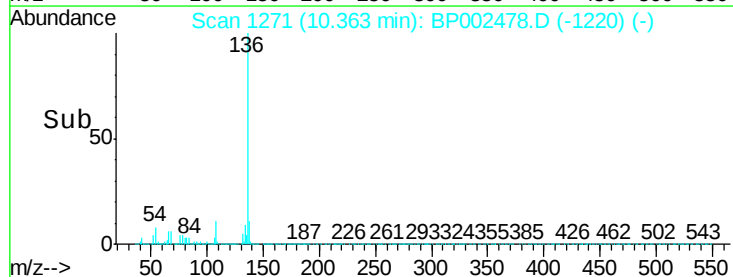
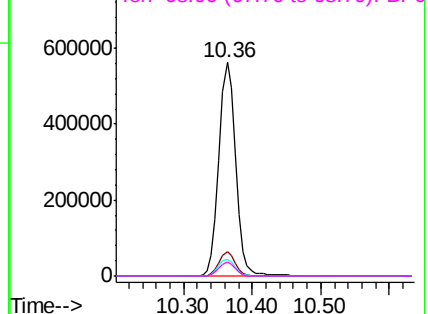
Abundance

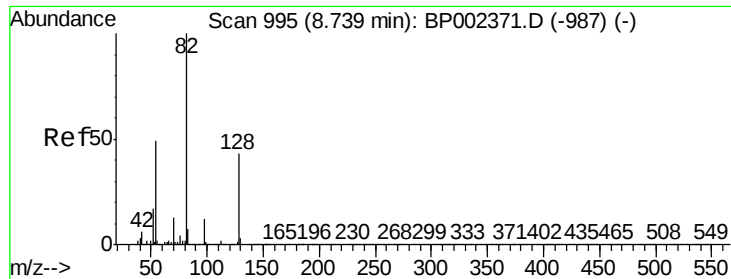
Ion 136.00 (135.70 to 136.70): E

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

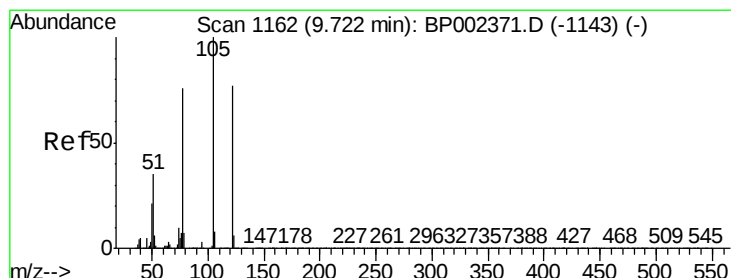
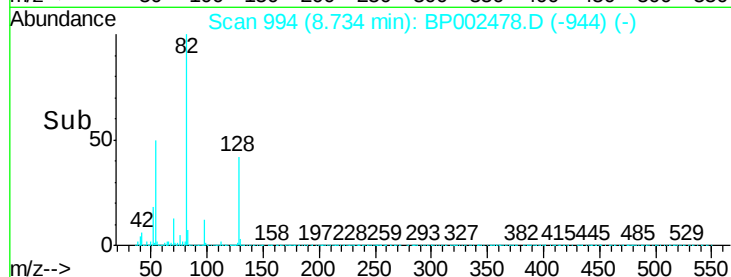
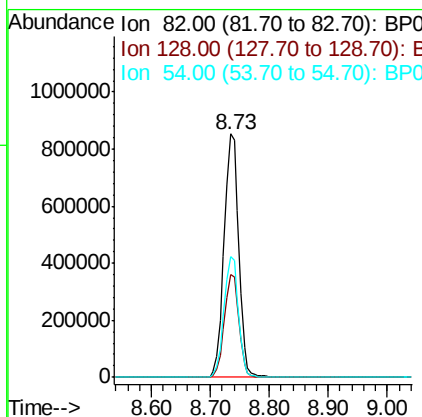
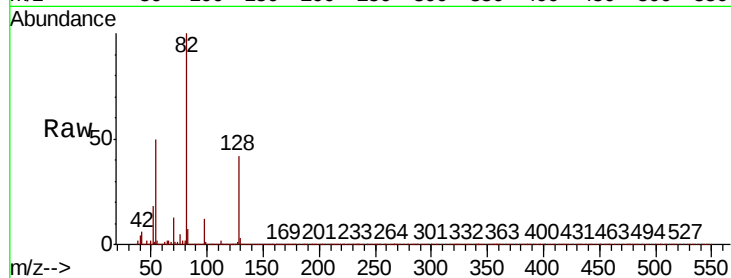




#23
Nitrobenzene-d5
Concen: 91.963 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002478.D
Acq: 22 Jun 2020 14:05

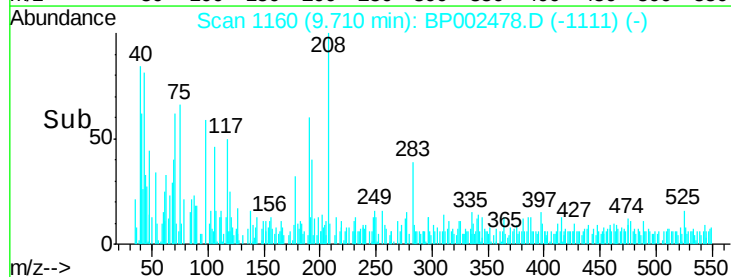
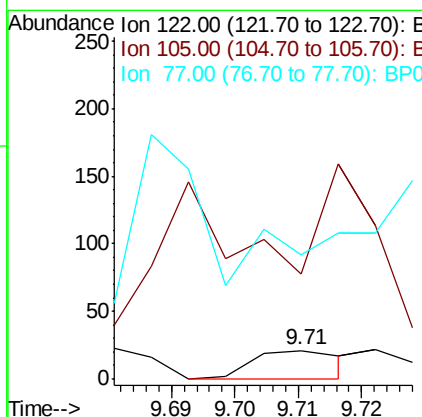
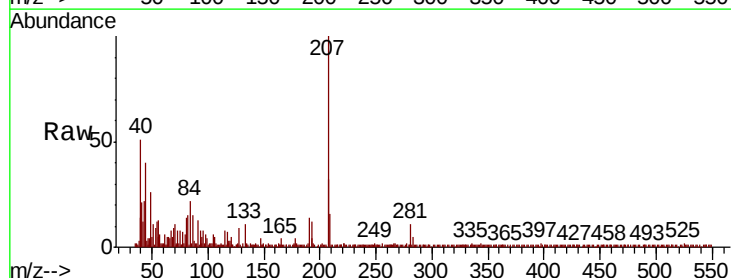
Instrument :
BNA_P
ClientSampleId :
PB129674BL

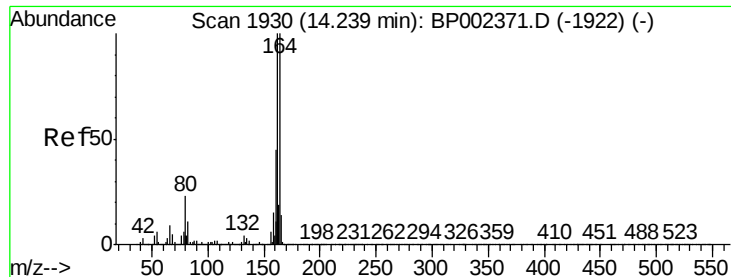
Tot Ion: 82 Resp: 1469548
Ion Ratio Lower Upper
82 100
128 42.0 34.5 51.7
54 49.8 39.4 59.2



#32
Benzoic acid
Concen: 4.601 ng
RT: 9.71 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BP002478.D
Acq: 22 Jun 2020 14:05

Tgt Ion: 122 Resp: 21
Ion Ratio Lower Upper
122 100
105 371.4 106.3 146.3#
77 438.1 77.5 117.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.24 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BP002478.D

Acq: 22 Jun 2020 14:05

Instrument :

BNA_P

ClientSampled :

PB129674BL

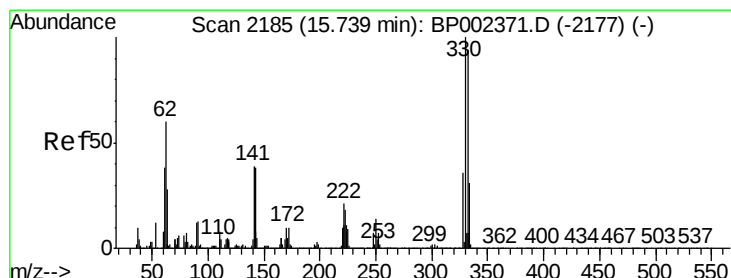
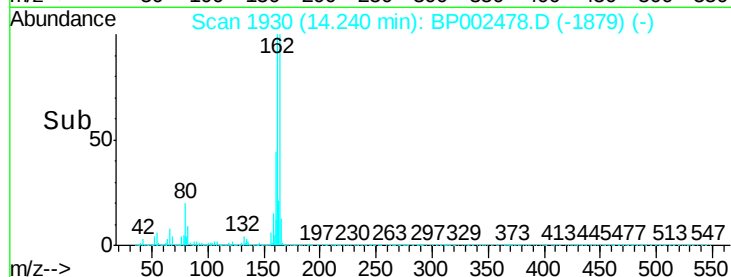
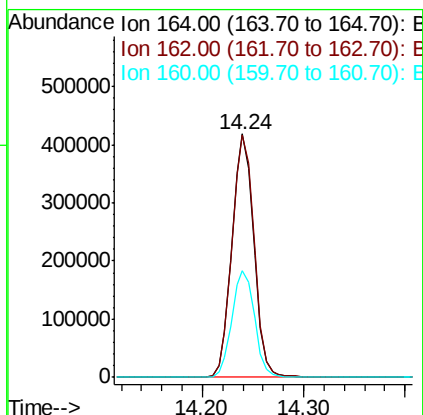
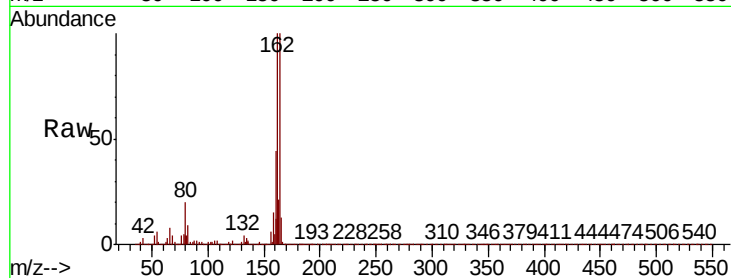
Tot Ion:164 Resp: 629510

Ion Ratio Lower Upper

164 100

162 99.7 79.8 119.8

160 43.7 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 177.452 ng

RT: 15.75 min Scan# 2186

Delta R.T. 0.01 min

Lab File: BP002478.D

Acq: 22 Jun 2020 14:05

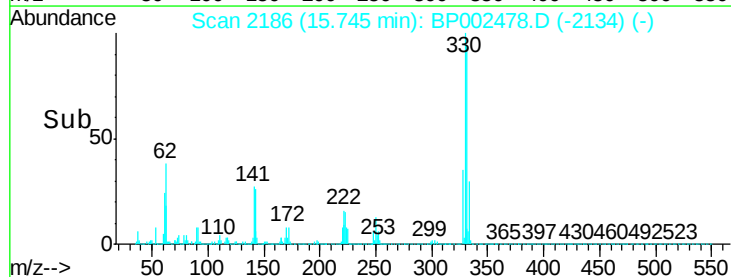
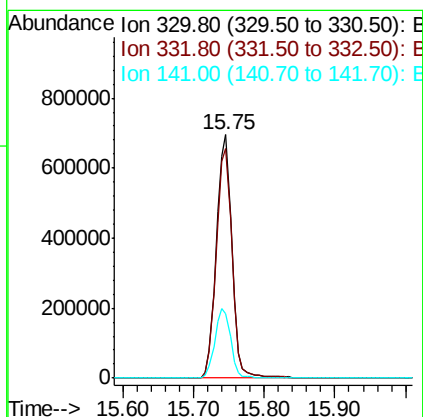
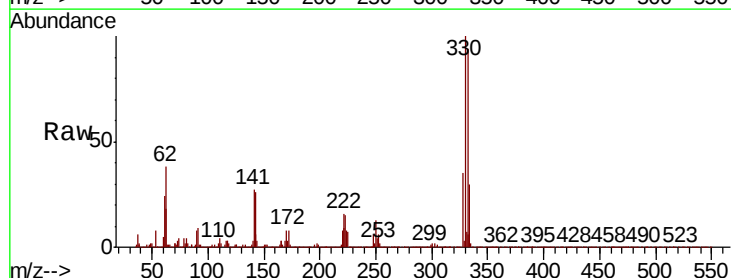
Tgt Ion:330 Resp: 1069520

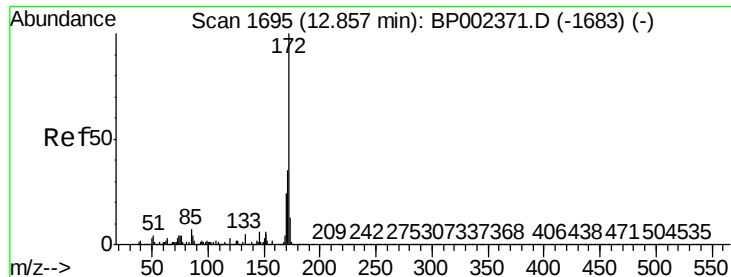
Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

141 29.5 30.3 45.5#

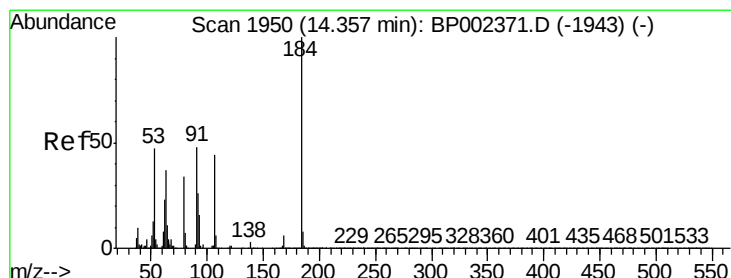
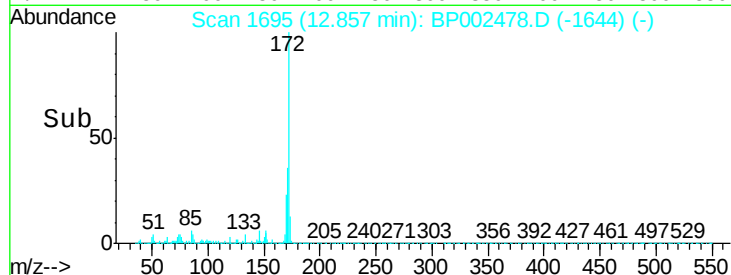
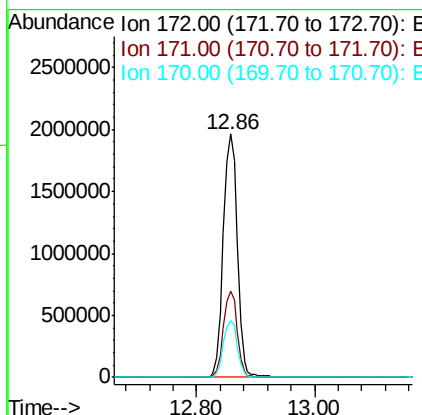
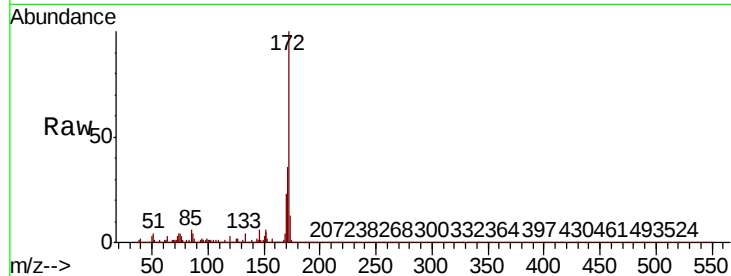




#45
2-Fluorobiphenyl
Concen: 86.836 ng
RT: 12.86 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BP002478.D
Acq: 22 Jun 2020 14:05

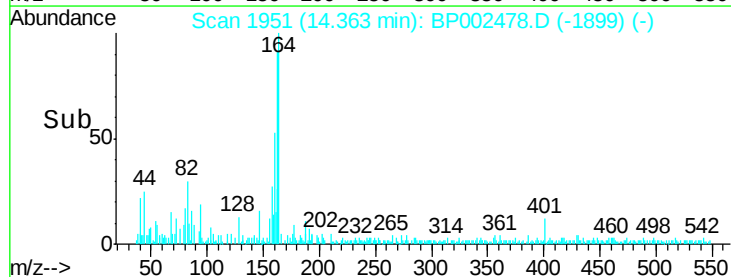
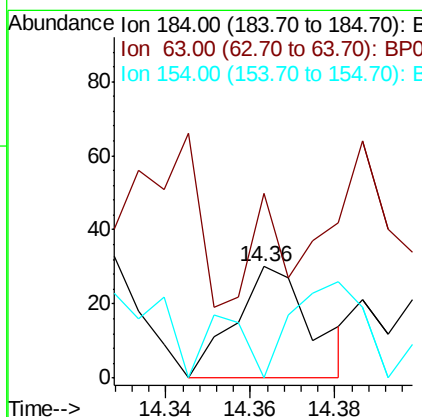
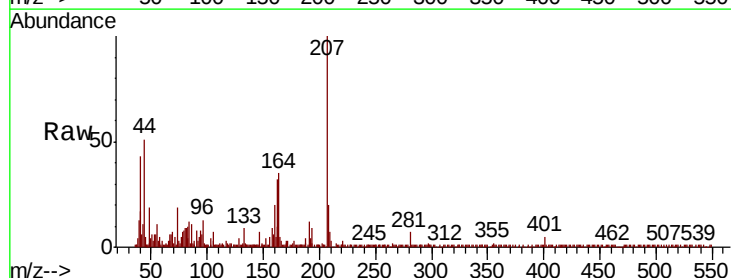
Instrument :
BNA_P
ClientSampleId :
PB129674BL

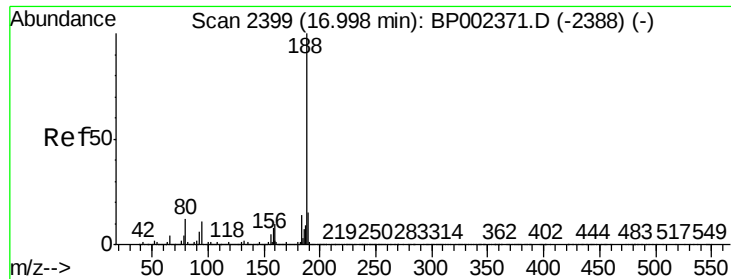
Tot Ion:172 Resp: 3251083
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 23.5 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 2.793 ng
RT: 14.36 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BP002478.D
Acq: 22 Jun 2020 14:05

Tgt Ion:184 Resp: 38
Ion Ratio Lower Upper
184 100
63 166.7 52.3 78.5#
154 0.0 48.6 72.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.00 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BP002478.D

Acq: 22 Jun 2020 14:05

Instrument :

BNA_P

ClientSampleId :

PB129674BL

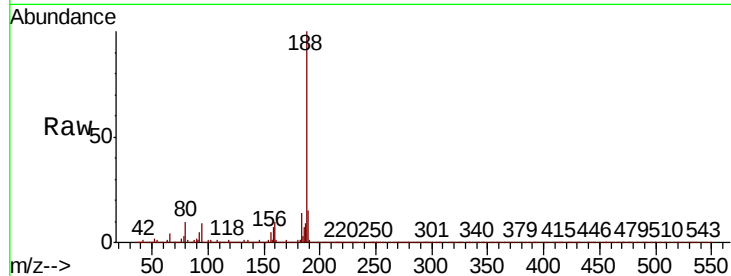
Tot Ion:188 Resp: 1477728

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

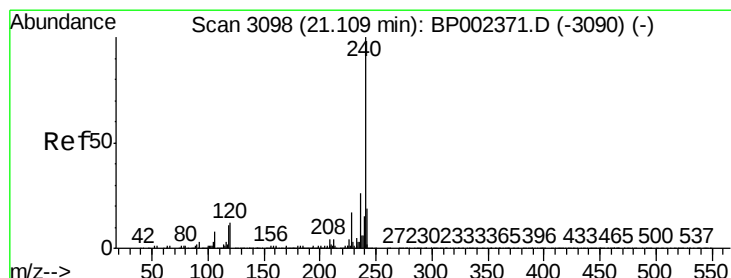
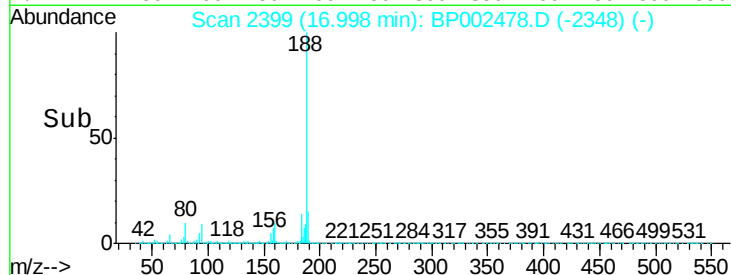
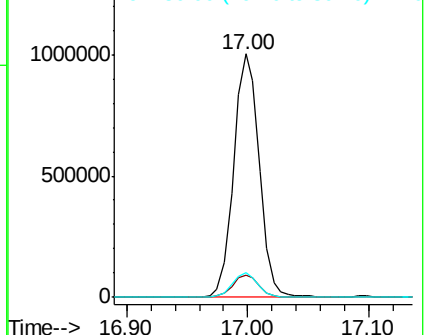
80 9.9 9.4 14.0



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: BP002478.D

Acq: 22 Jun 2020 14:05

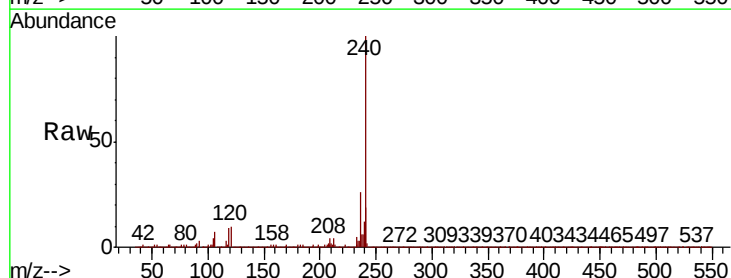
Tgt Ion:240 Resp: 1642729

Ion Ratio Lower Upper

240 100

120 10.4 9.3 13.9

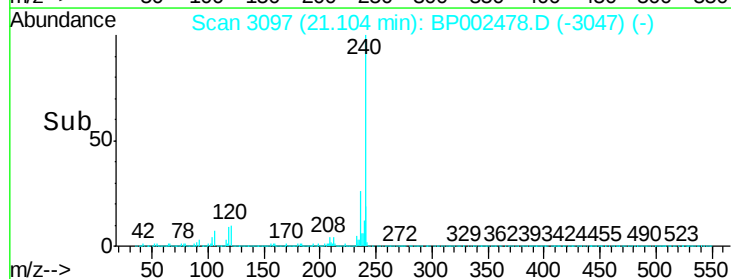
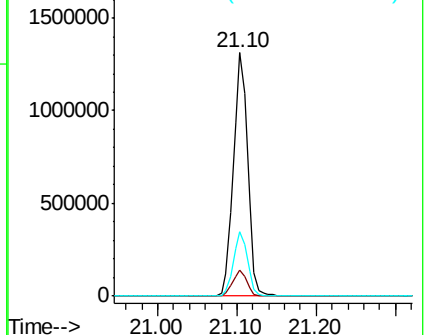
236 26.3 21.0 31.6

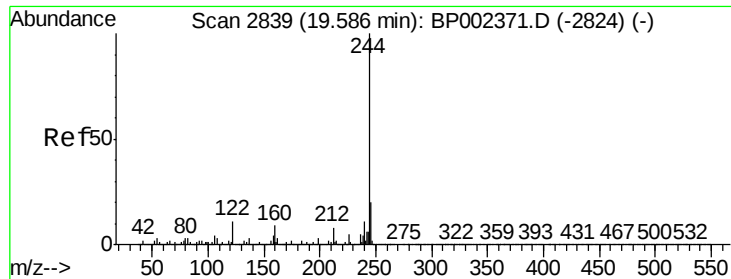


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

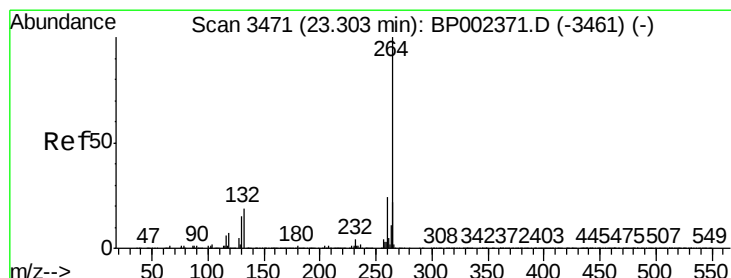
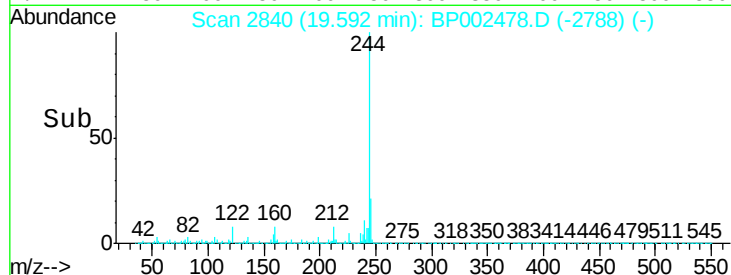
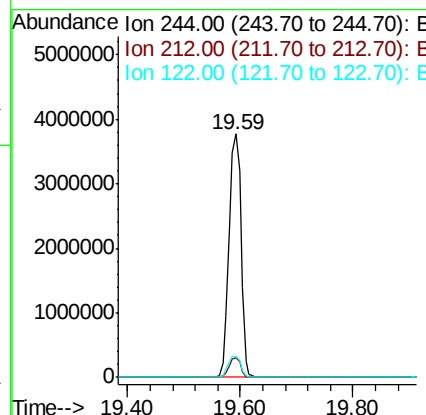
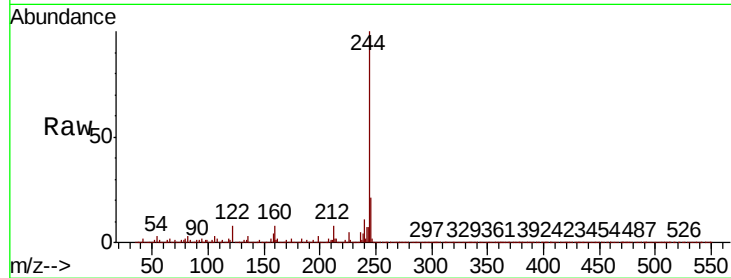




#79
 Terphenyl-d14
 Concen: 88.776 ng
 RT: 19.59 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BP002478.D
 Acq: 22 Jun 2020 14:05

Instrument :
 BNA_P
 ClientSampleId :
 PB129674BL

Tot Ion:244 Resp: 5594892
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 10.0
 122 8.5 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.31 min Scan# 3472
 Delta R.T. 0.01 min
 Lab File: BP002478.D
 Acq: 22 Jun 2020 14:05

Tgt Ion:264 Resp: 1816484
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 21.2 17.4 26.2

