

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
 Data File : BP002511.D
 Acq On : 23 Jun 2020 21:01
 Operator : CG/JU
 Sample : PB129713BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129713BL

Quant Time: Jun 24 00:16:02 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

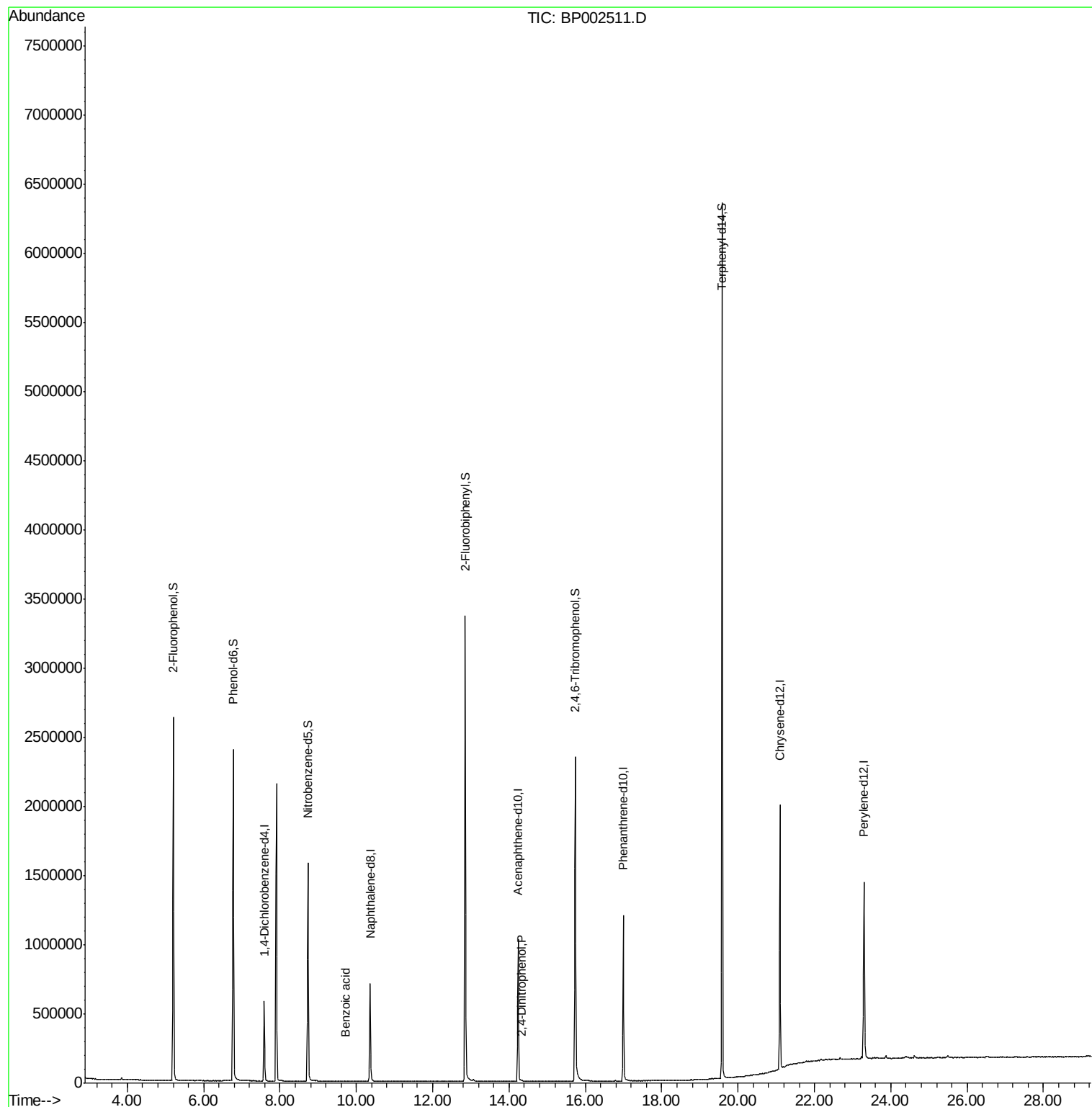
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	157993	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	615339	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	359709	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	794496	20.00	ng	0.00
76) Chrysene-d12	21.10	240	874158	20.00	ng	-0.01
86) Perylene-d12	23.30	264	934752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1121788	131.38	ng	0.00
7) Phenol-d6	6.78	99	1403477	123.46	ng	0.00
23) Nitrobenzene-d5	8.73	82	941072	91.33	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	487041	141.42	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1944984	90.92	ng	0.00
79) Terphenyl-d14	19.58	244	3017539	90.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	97	Below Cal	Qvalue # 53	
32) Benzoic acid	9.72	122	13	4.601 ng	# 1	
54) 2,4-Dinitrophenol	14.34	184	35	2.797 ng	# 71	
61) 4-Chlorophenyl-phenylether	15.26	204	17	Below Cal	93	

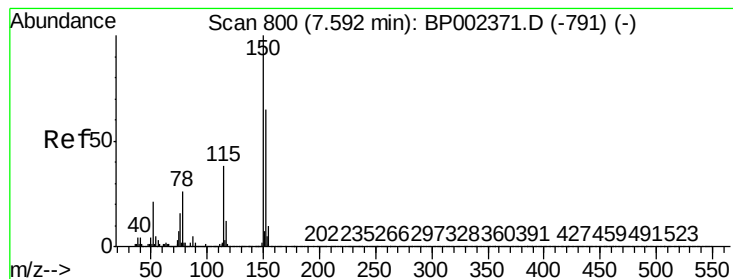
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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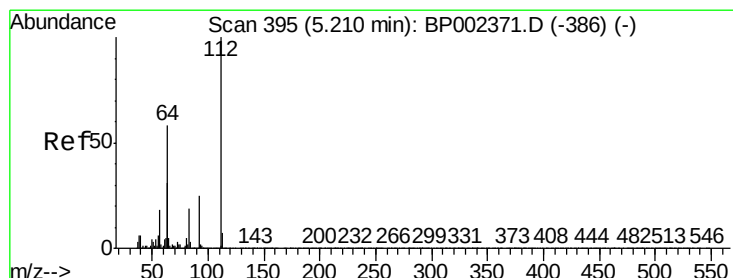
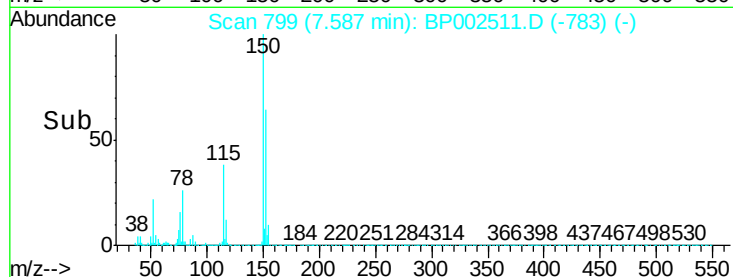
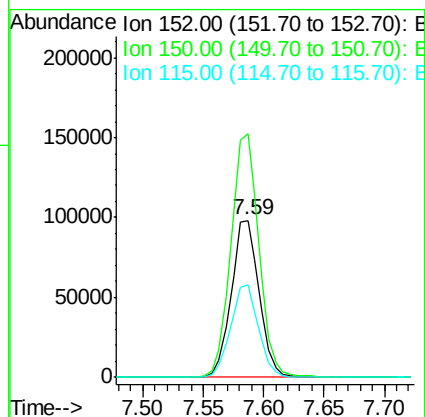
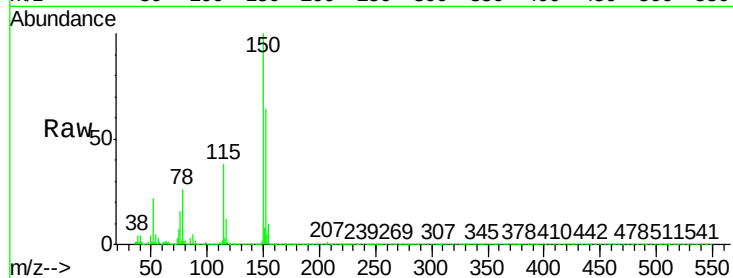


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002511.D
Acq: 23 Jun 2020 21:01

Instrument :
BNA_P
ClientSampleId :
PB129713BL

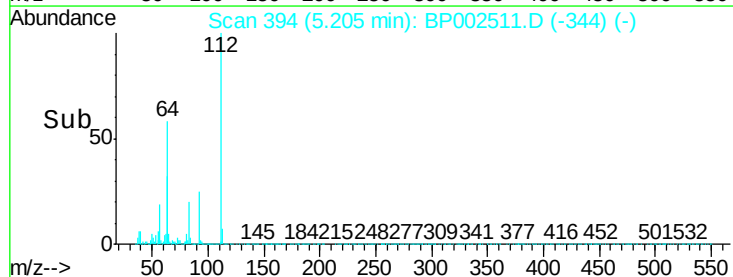
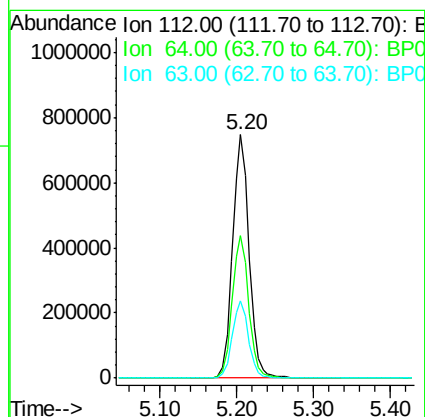
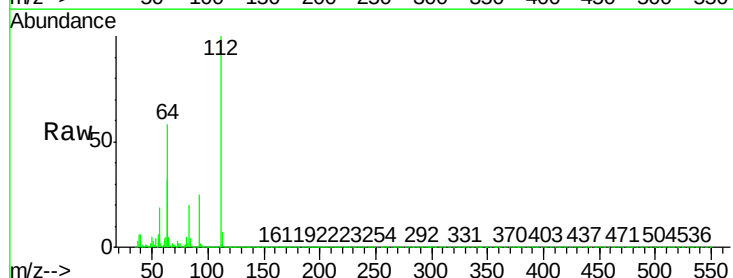
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.0	186.0
115	59.4	47.4	71.0

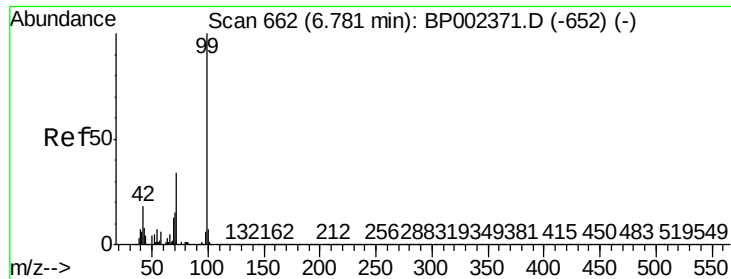


#5

2-Fluorophenol
Concen: 131.384 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002511.D
Acq: 23 Jun 2020 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.2	69.2
63	31.7	24.5	36.7





#7

Phenol-d6

Concen: 123.461 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002511.D

Acq: 23 Jun 2020 21:01

Instrument :

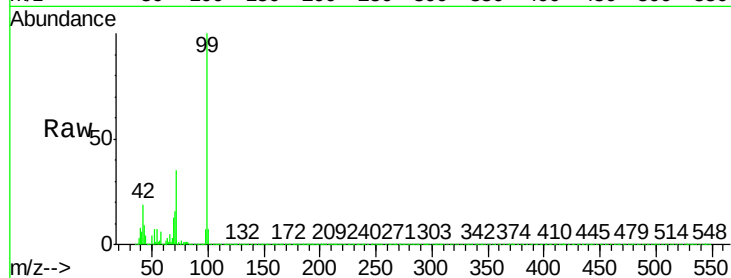
BNA_P

ClientSampled :

PB129713BL

Tot Ion: 99 Resp: 1403477

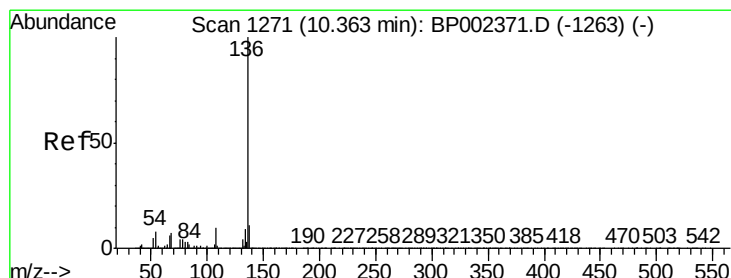
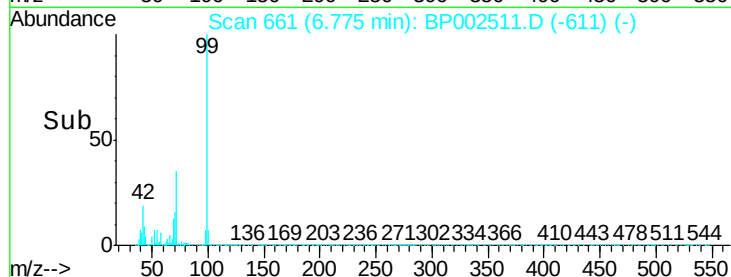
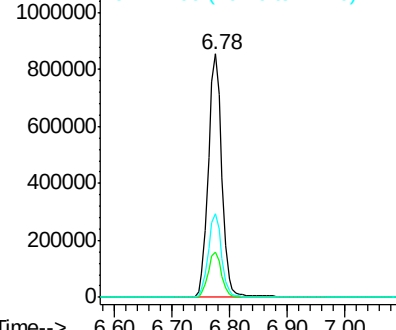
Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.6	22.0
71	34.5	27.2	40.8



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

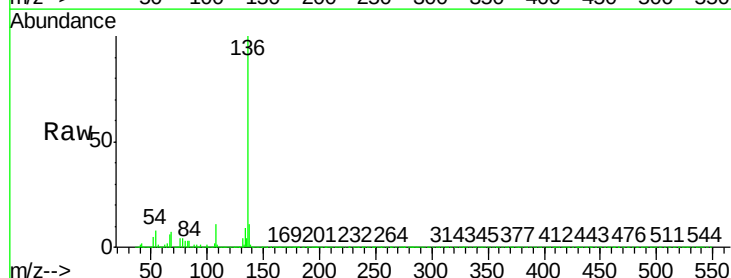
Delta R.T. -0.01 min

Lab File: BP002511.D

Acq: 23 Jun 2020 21:01

Tgt Ion: 136 Resp: 615339

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.2	6.4	9.6
68	6.9	5.6	8.4

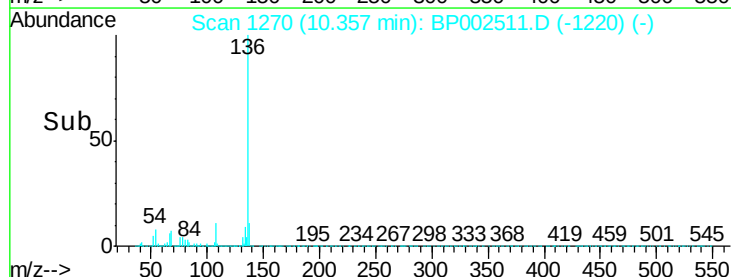
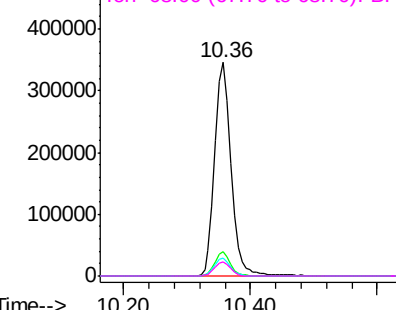


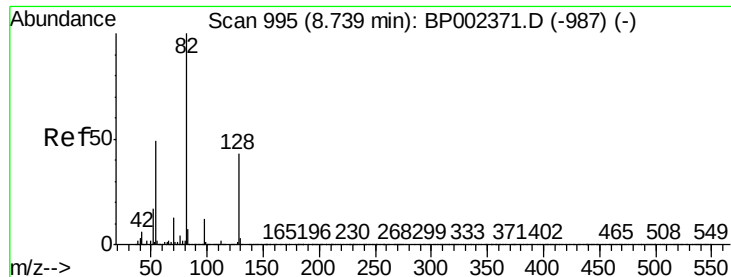
Abundance Ion 136.00 (135.70 to 136.70): E

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

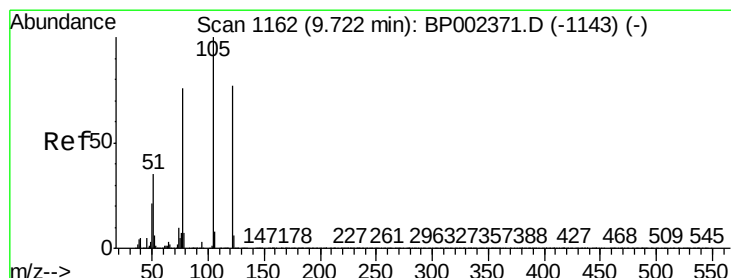
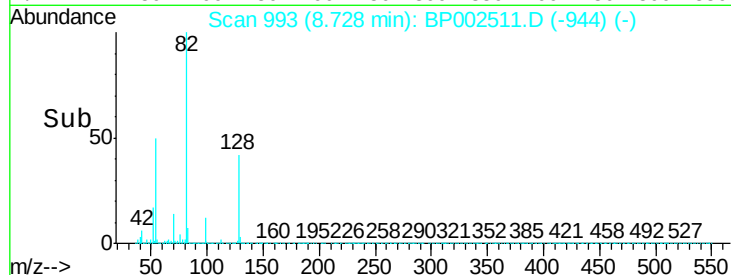
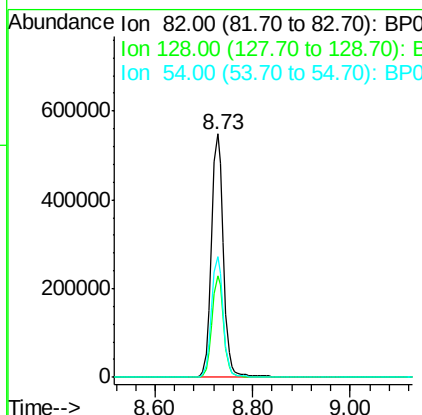
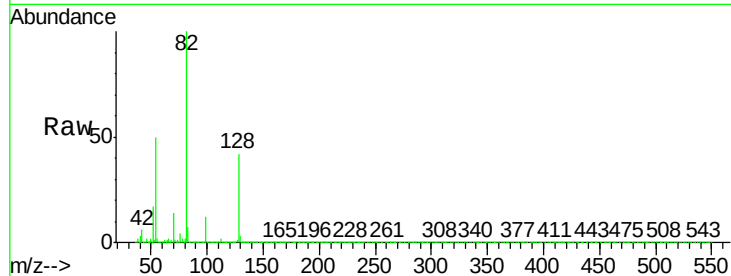




#23
Nitrobenzene-d5
Concen: 91.331 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002511.D
Acq: 23 Jun 2020 21:01

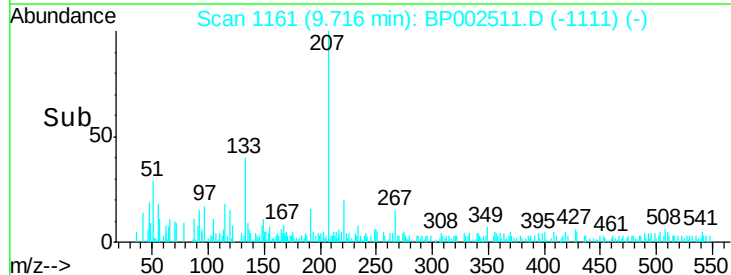
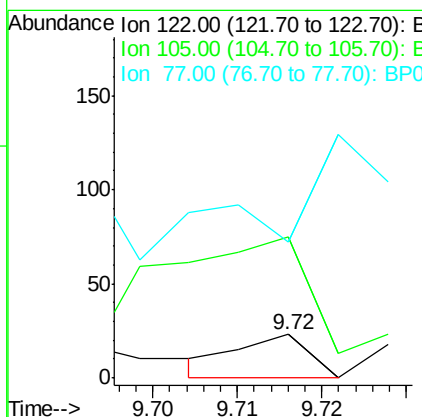
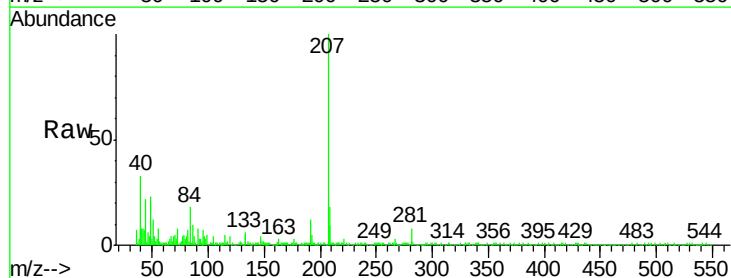
Instrument :
BNA_P
ClientSampleId :
PB129713BL

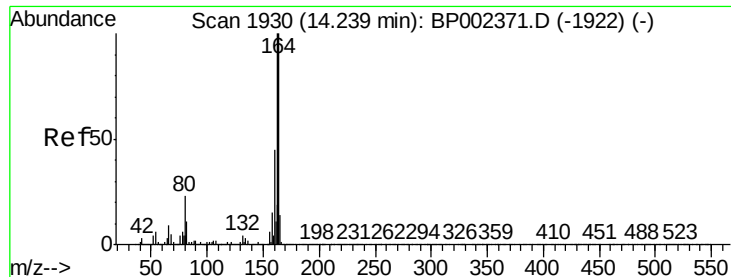
Tot Ion: 82 Resp: 941072
Ion Ratio Lower Upper
82 100
128 41.8 34.5 51.7
54 49.6 39.4 59.2



#32
Benzoic acid
Concen: 4.601 ng
RT: 9.72 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BP002511.D
Acq: 23 Jun 2020 21:01

Tgt Ion: 122 Resp: 13
Ion Ratio Lower Upper
122 100
105 326.1 106.3 146.3#
77 313.0 77.5 117.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002511.D

Acq: 23 Jun 2020 21:01

Instrument :

BNA_P

ClientSampleId :

PB129713BL

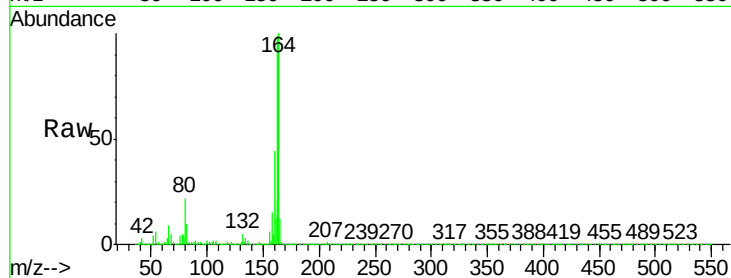
Tot Ion:164 Resp: 359709

Ion Ratio Lower Upper

164 100

162 99.3 79.8 119.8

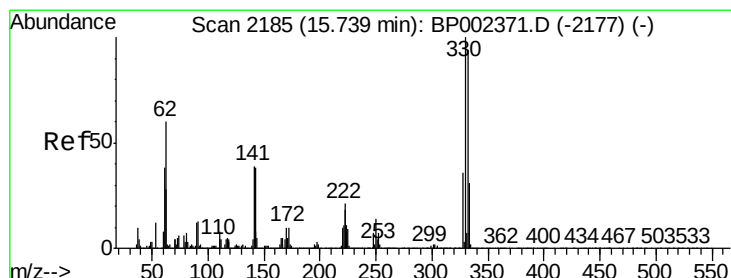
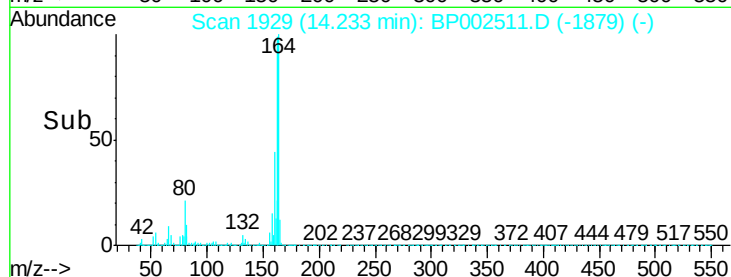
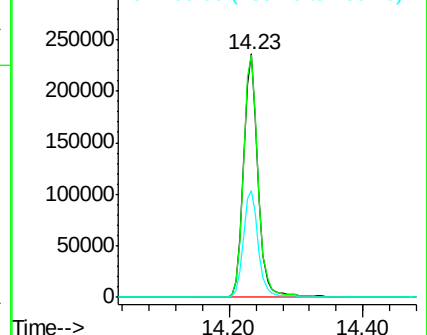
160 43.9 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 141.419 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002511.D

Acq: 23 Jun 2020 21:01

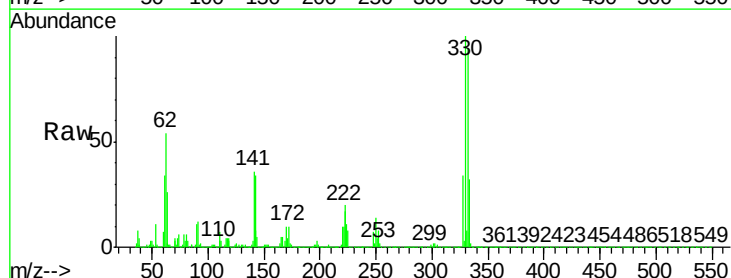
Tgt Ion:330 Resp: 487041

Ion Ratio Lower Upper

330 100

332 94.9 76.6 115.0

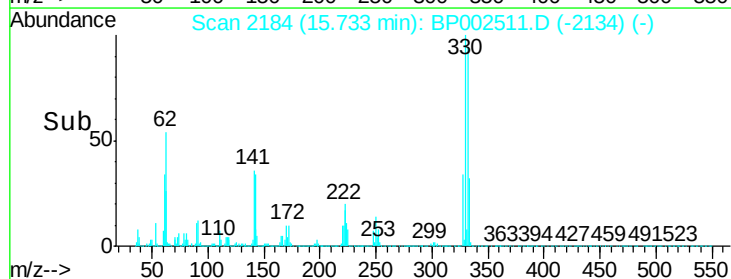
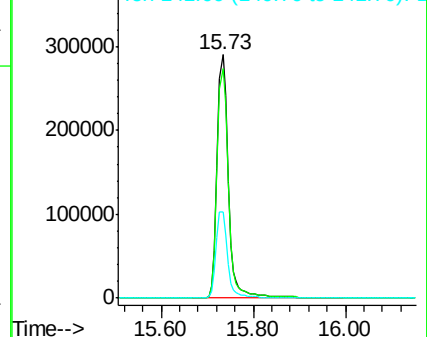
141 36.4 30.3 45.5

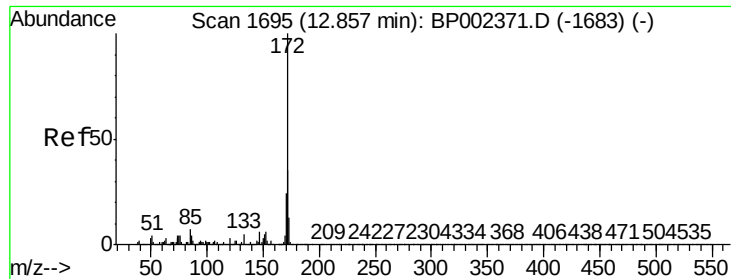


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

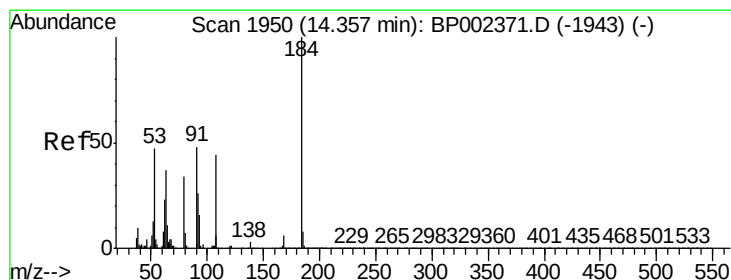
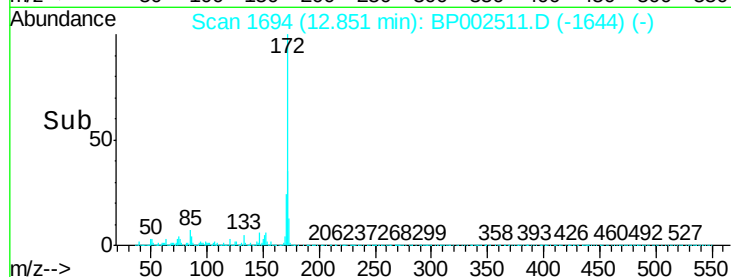
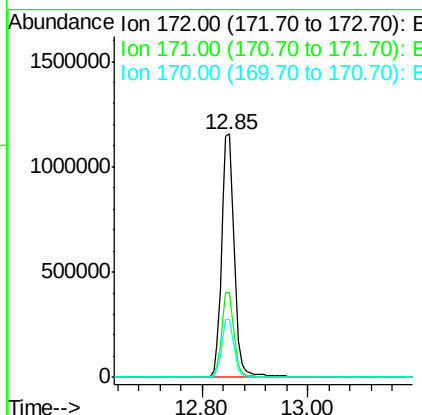
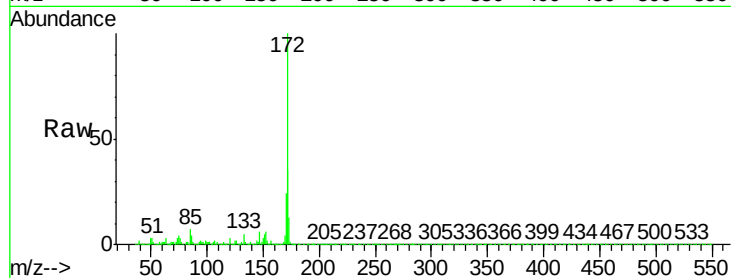




#45
2-Fluorobiphenyl
Concen: 90.916 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002511.D
Acq: 23 Jun 2020 21:01

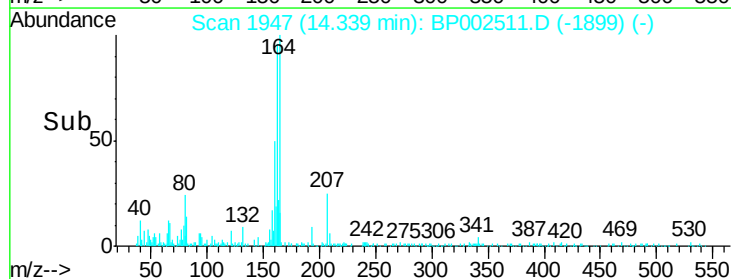
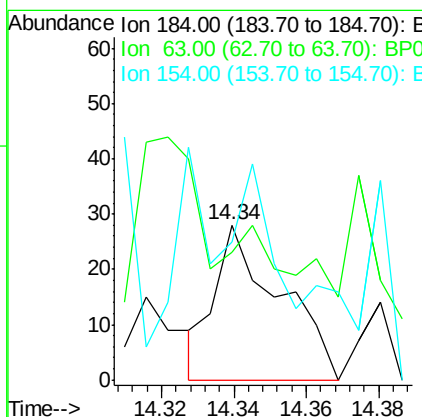
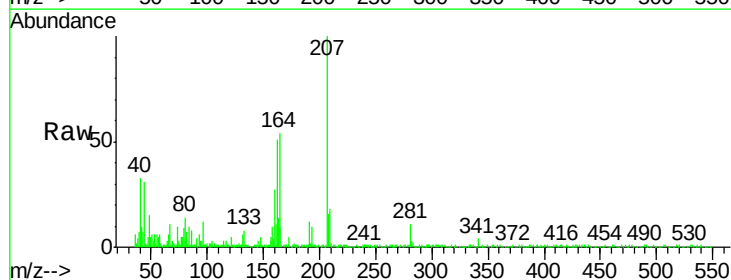
Instrument :
BNA_P
ClientSampleId :
PB129713BL

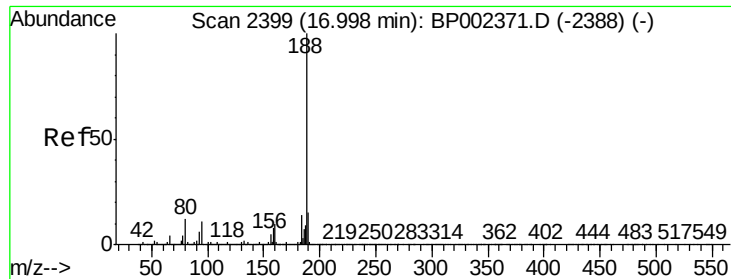
Tot Ion:172 Resp: 1944984
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.9 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 2.797 ng
RT: 14.34 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BP002511.D
Acq: 23 Jun 2020 21:01

Tgt Ion:184 Resp: 35
Ion Ratio Lower Upper
184 100
63 82.1 52.3 78.5#
154 89.3 48.6 72.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP002511.D

Acq: 23 Jun 2020 21:01

Instrument :

BNA_P

ClientSampleId :

PB129713BL

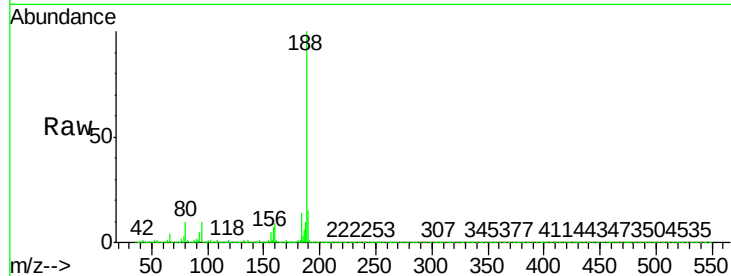
Tot Ion:188 Resp: 794496

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

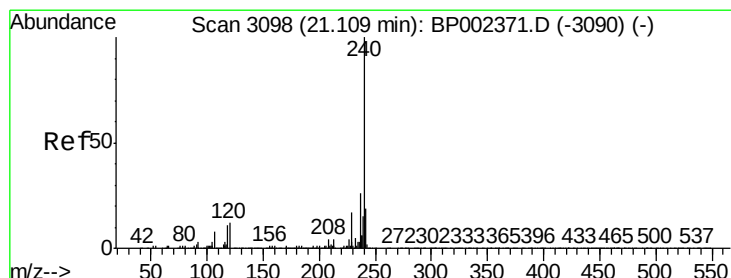
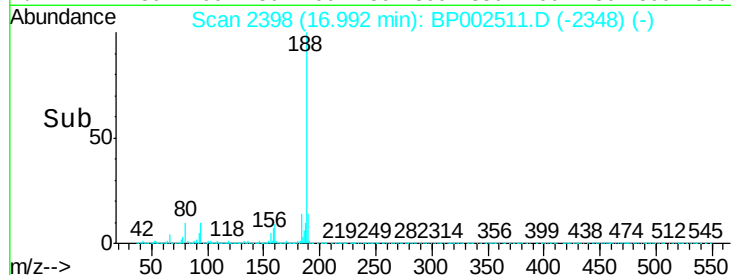
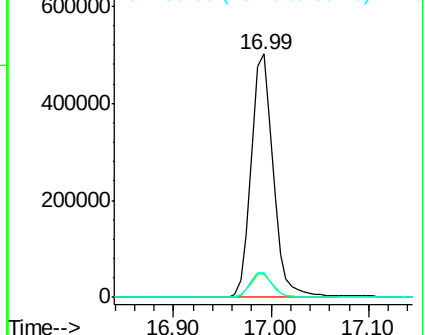
80 10.3 9.4 14.0



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# 3096

Delta R.T. -0.01 min

Lab File: BP002511.D

Acq: 23 Jun 2020 21:01

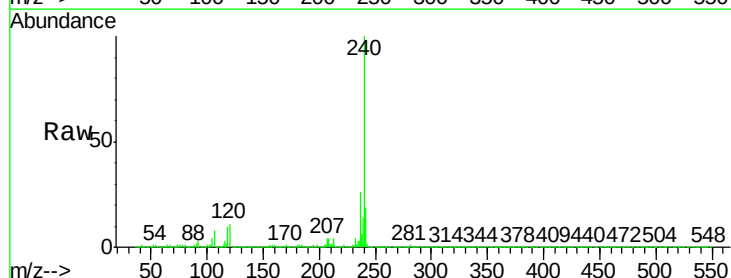
Tgt Ion:240 Resp: 874158

Ion Ratio Lower Upper

240 100

120 11.0 9.3 13.9

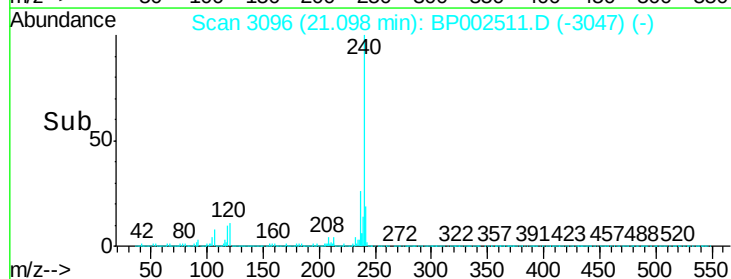
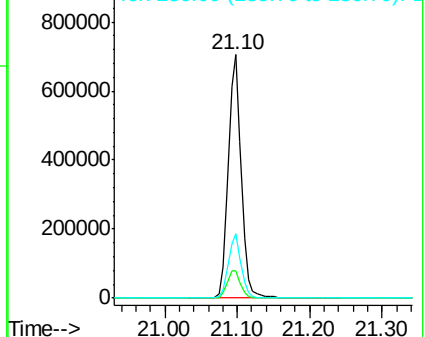
236 26.4 21.0 31.6

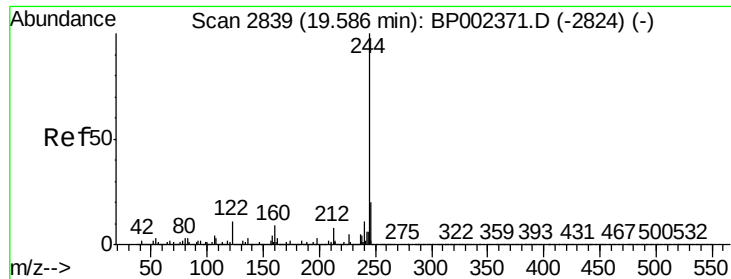


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.535 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002511.D

Acq: 23 Jun 2020 21:01

Instrument :

BNA_P

ClientSampleId :

PB129713BL

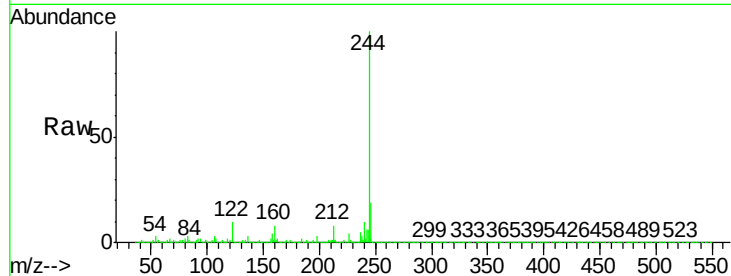
Tot Ion:244 Resp: 3017539

Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

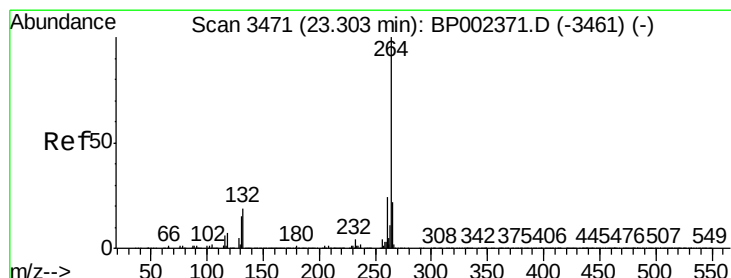
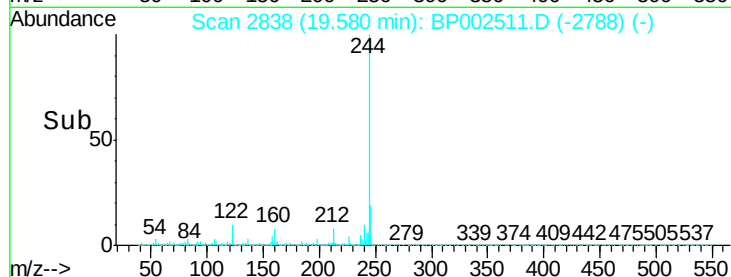
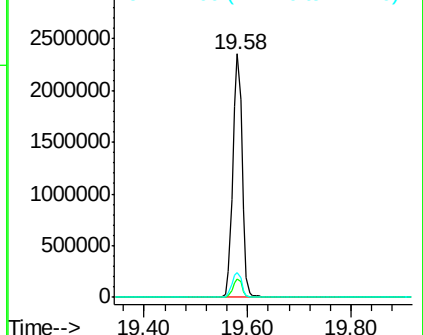
122 10.1 8.8 13.2



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: BP002511.D

Acq: 23 Jun 2020 21:01

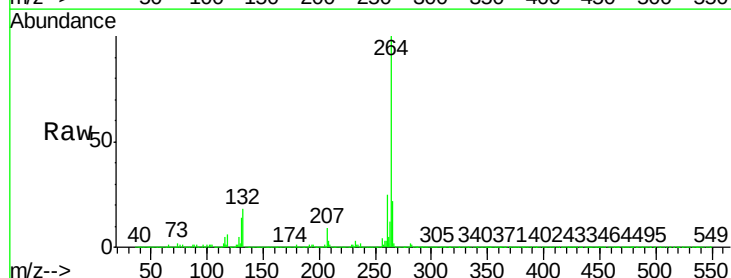
Tgt Ion:264 Resp: 934752

Ion Ratio Lower Upper

264 100

260 24.6 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

