

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061220\
 Data File : BP002399.D
 Acq On : 12 Jun 2020 15:11
 Operator : CG/JU
 Sample : PB129506BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129506BL

Quant Time: Jun 12 15:44:37 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

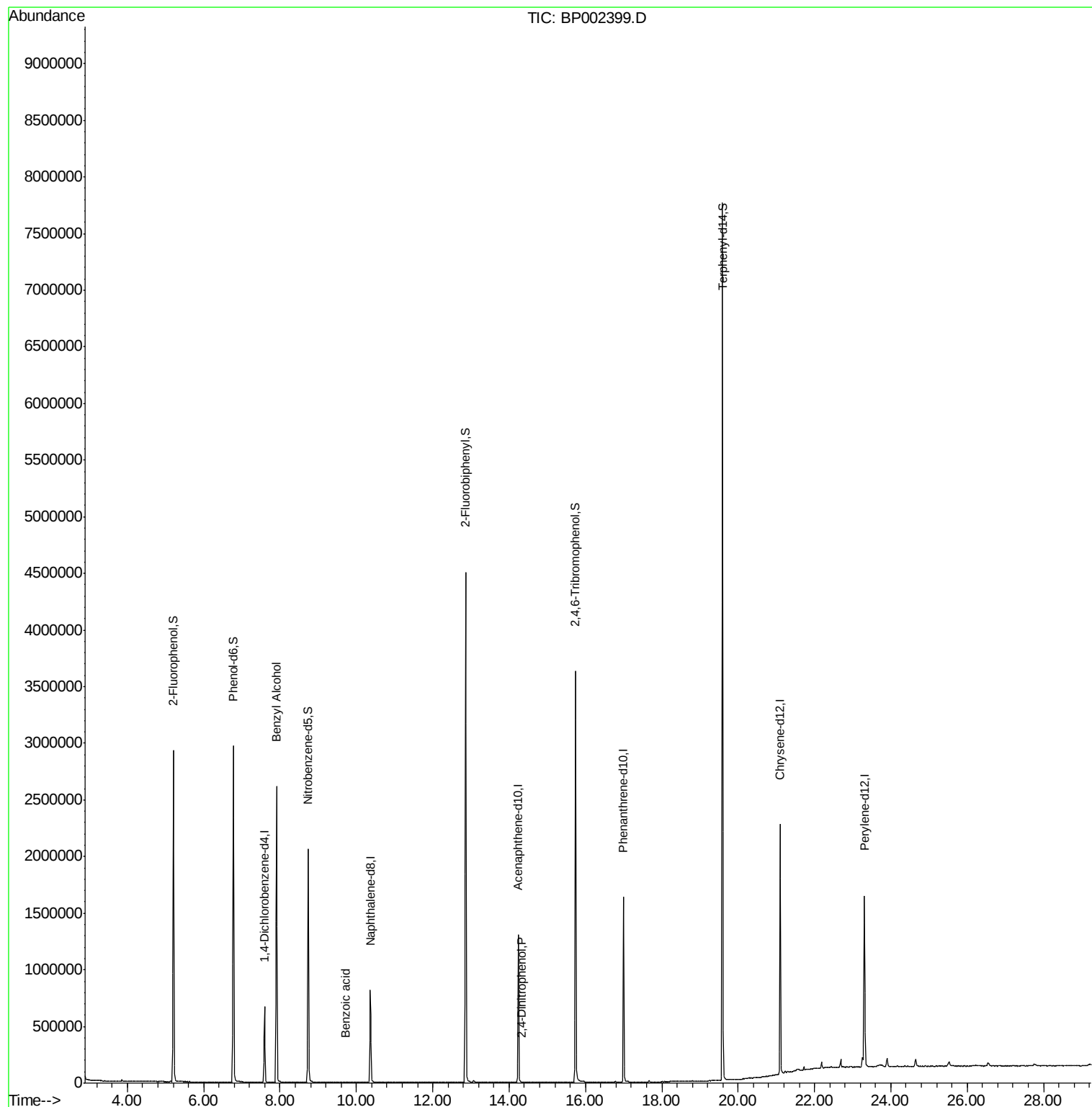
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	172174	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	695791	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	434294	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	957517	20.00	ng	0.00
76) Chrysene-d12	21.10	240	994346	20.00	ng	0.00
86) Perylene-d12	23.30	264	1055414	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1300954	139.82	ng	0.00
7) Phenol-d6	6.78	99	1720211	138.86	ng	0.00
23) Nitrobenzene-d5	8.73	82	1197117	102.75	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	640361	154.00	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2472005	95.71	ng	0.00
79) Terphenyl-d14	19.59	244	3740185	102.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.78	77	2627	Below Cal	#	7
15) Benzyl Alcohol	7.91	79	20274	2.112 ng	#	47
32) Benzoic acid	9.72	122	49	4.605 ng	#	63
54) 2,4-Dinitrophenol	14.34	184	24	2.792 ng	#	53
61) 4-Chlorophenyl-phenylether	15.30	204	10	Below Cal	#	34

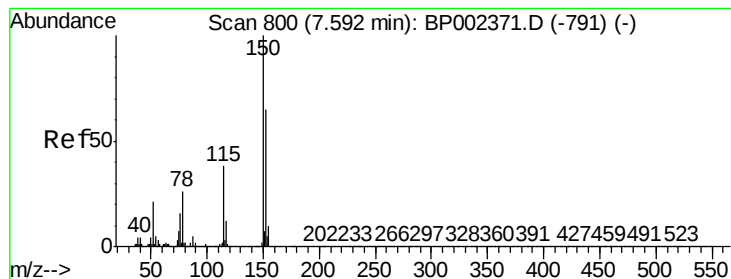
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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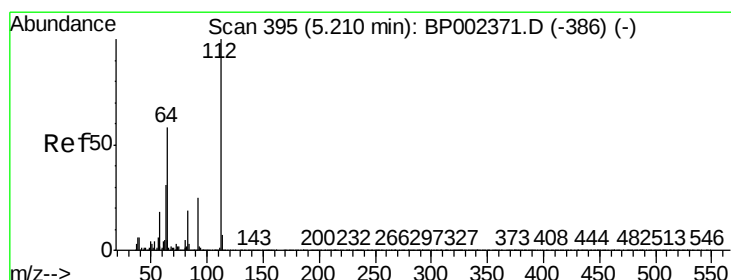
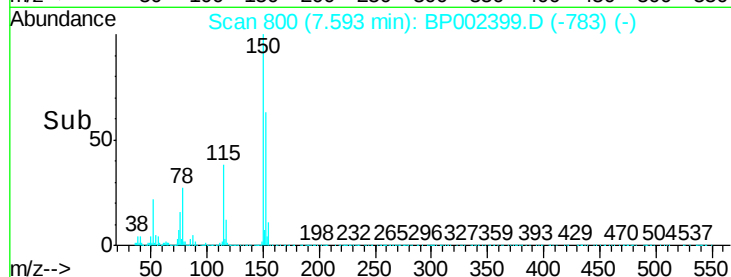
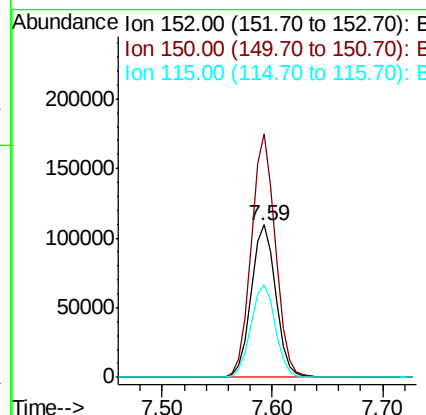
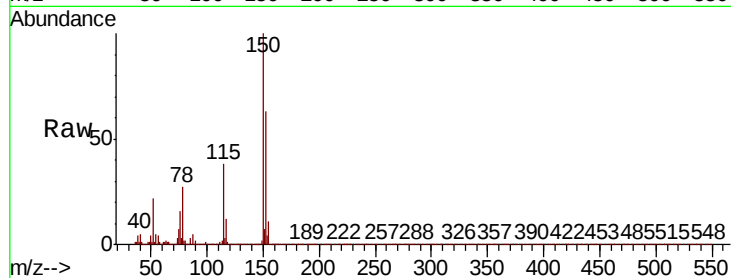


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 800
Delta R.T. 0.00 min
Lab File: BP002399.D
Acq: 12 Jun 2020 15:11

Instrument :
BNA_P
ClientSampleId :
PB129506BL

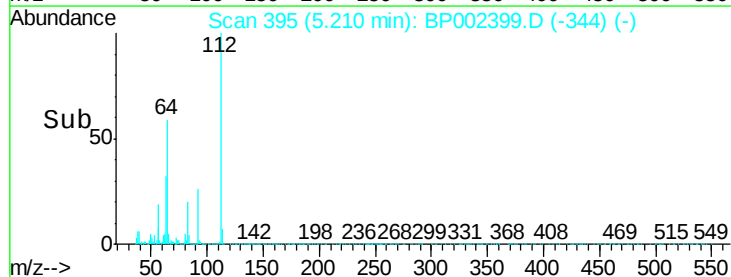
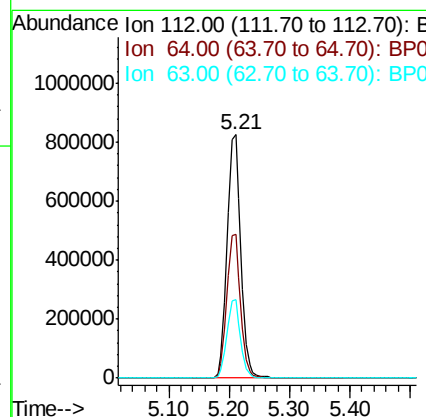
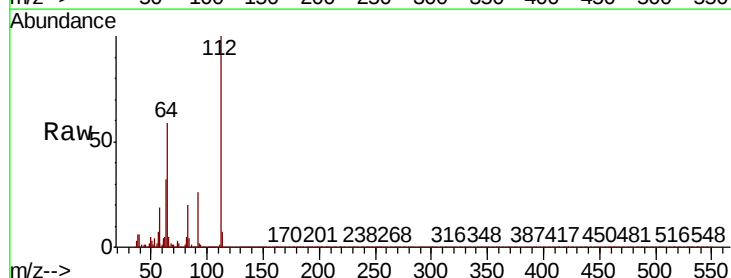
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.0	186.0
115	60.8	47.4	71.0

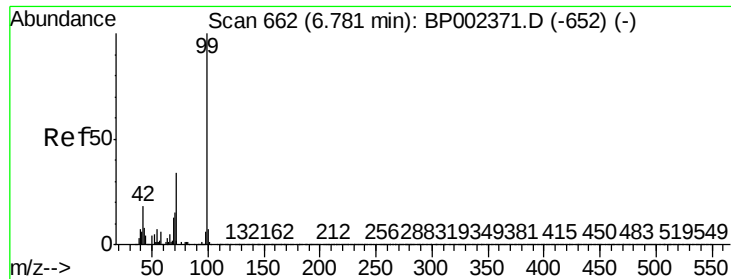


#5

2-Fluorophenol
Concen: 139.818 ng
RT: 5.21 min Scan# 395
Delta R.T. 0.00 min
Lab File: BP002399.D
Acq: 12 Jun 2020 15:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.2	69.2
63	32.1	24.5	36.7





#7

Phenol-d6

Concen: 138.860 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002399.D

Acq: 12 Jun 2020 15:11

Instrument :

BNA_P

ClientSampleId :

PB129506BL

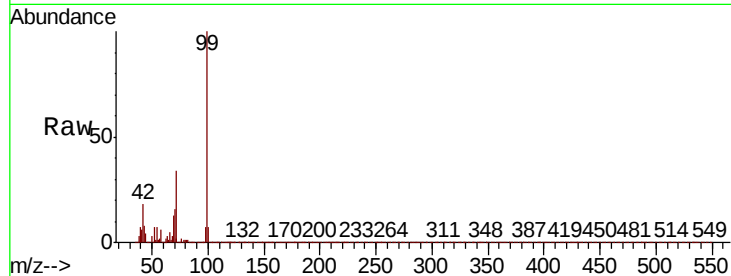
Tot Ion: 99 Resp: 1720211

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.6	22.0
71	34.2	27.2	40.8

99 100

42 18.2 14.6 22.0

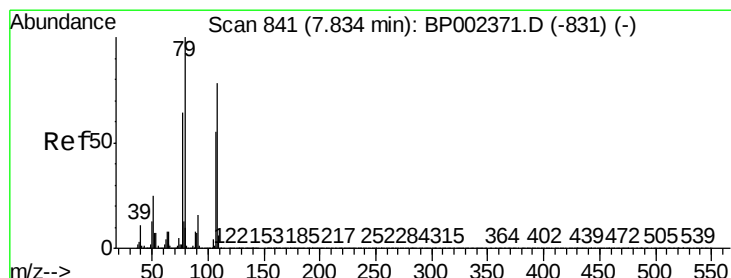
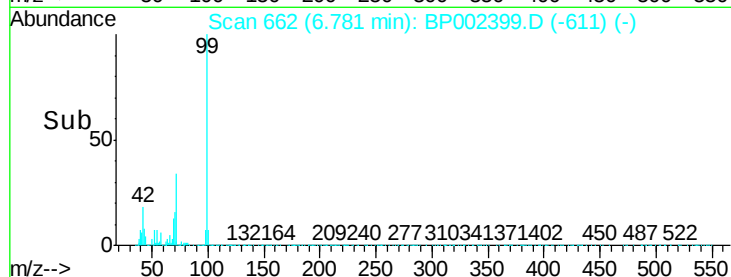
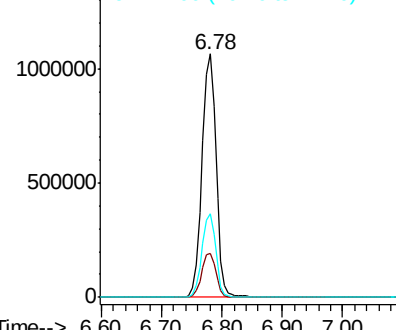
71 34.2 27.2 40.8



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



#15

Benzyl Alcohol

Concen: 2.112 ng

RT: 7.91 min Scan# 854

Delta R.T. 0.08 min

Lab File: BP002399.D

Acq: 12 Jun 2020 15:11

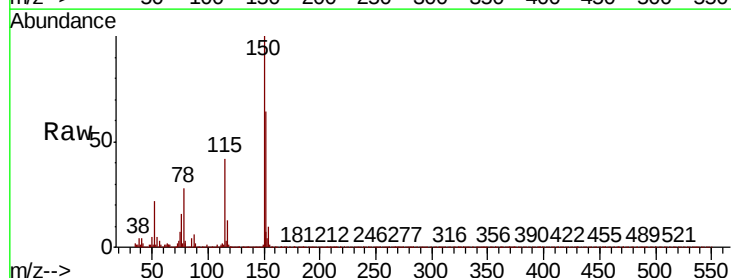
Tgt Ion: 79 Resp: 20274

Ion	Ratio	Lower	Upper
79	100		
108	39.4	62.6	94.0#
77	114.7	51.5	77.3#

79 100

108 39.4 62.6 94.0#

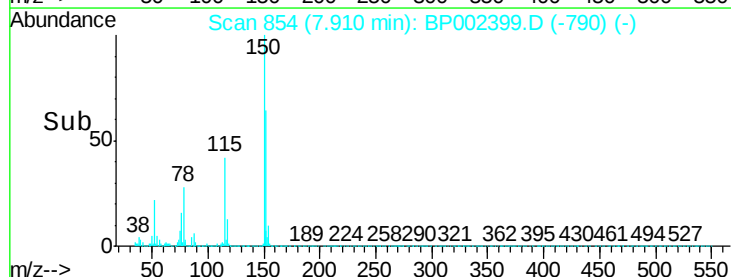
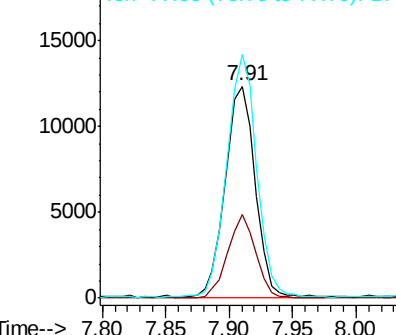
77 114.7 51.5 77.3#

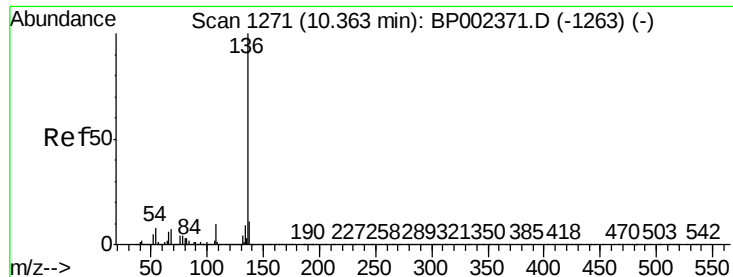


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BP002399.D

Acq: 12 Jun 2020 15:11

Instrument :

BNA_P

ClientSampleId :

PB129506BL

Tot Ion:136 Resp: 695791

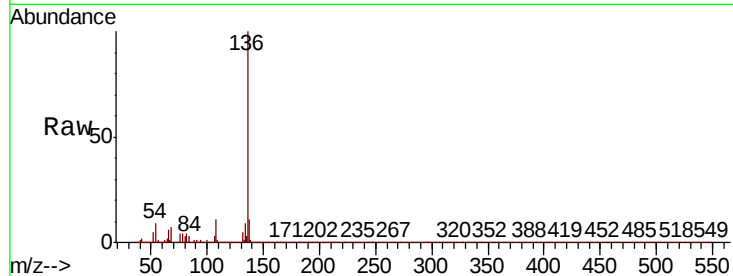
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 9.0 6.4 9.6

68 7.0 5.6 8.4

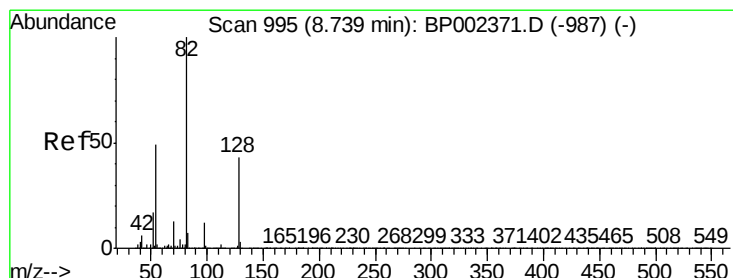
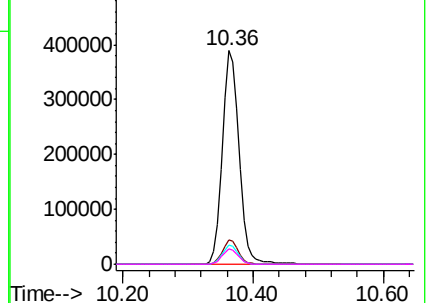
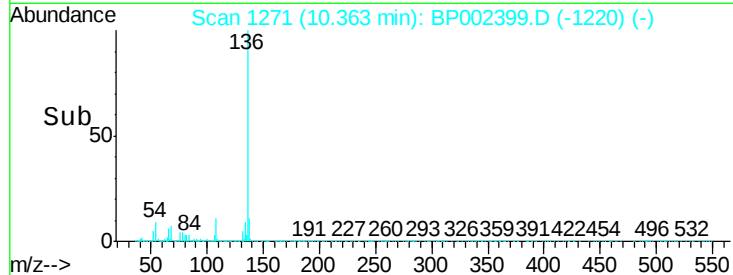


Abundance Ion 136.00 (135.70 to 136.70): E

600000 Ion 137.00 (136.70 to 137.70): E

500000 Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23

Nitrobenzene-d5

Concen: 102.747 ng

RT: 8.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BP002399.D

Acq: 12 Jun 2020 15:11

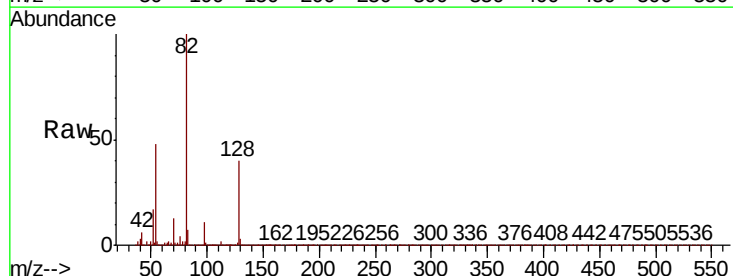
Tgt Ion: 82 Resp: 1197117

Ion Ratio Lower Upper

82 100

128 39.6 34.5 51.7

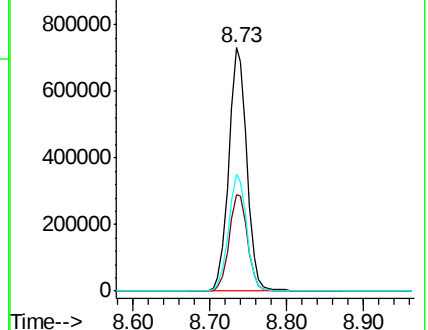
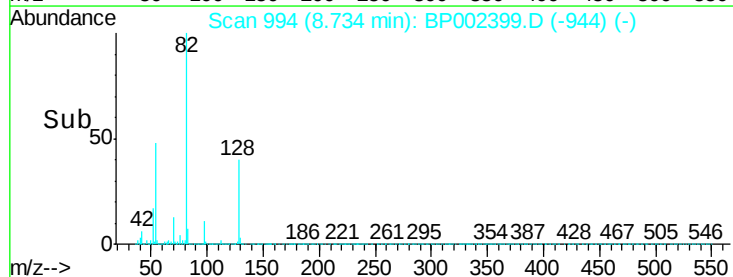
54 48.2 39.4 59.2

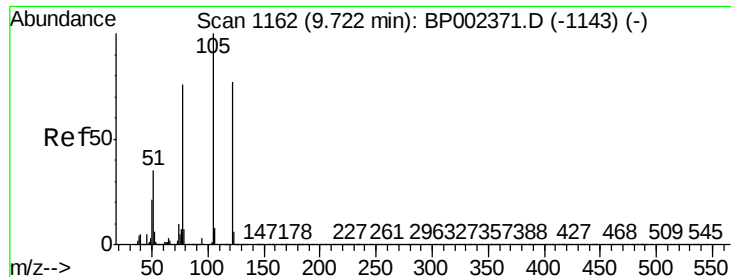


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#32

Benzoic acid

Concen: 4.605 ng

RT: 9.72 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BP002399.D

Acq: 12 Jun 2020 15:11

Instrument :

BNA_P

ClientSampled :

PB129506BL

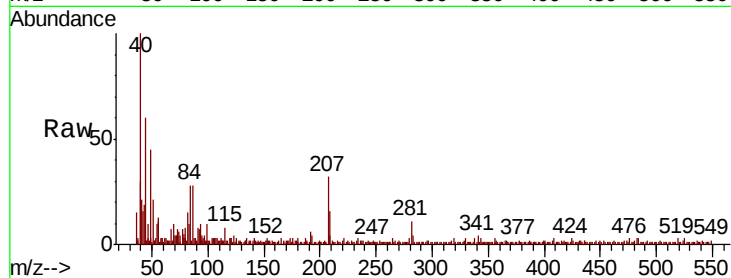
Tot Ion:122 Resp: 49

Ion Ratio Lower Upper

122 100

105 88.9 106.3 146.3#

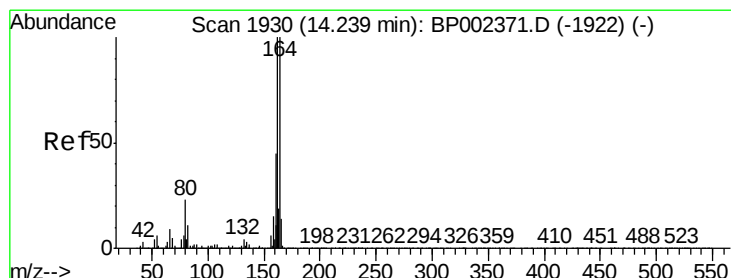
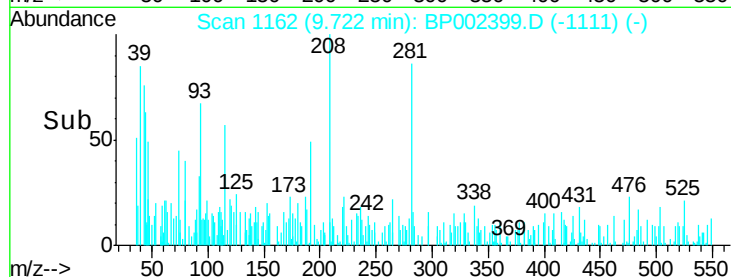
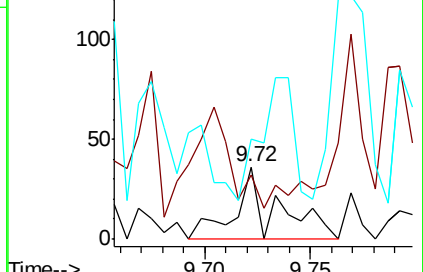
77 138.9 77.5 117.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.24 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BP002399.D

Acq: 12 Jun 2020 15:11

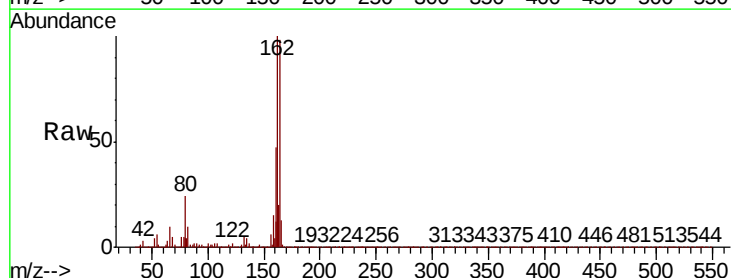
Tgt Ion:164 Resp: 434294

Ion Ratio Lower Upper

164 100

162 102.2 79.8 119.8

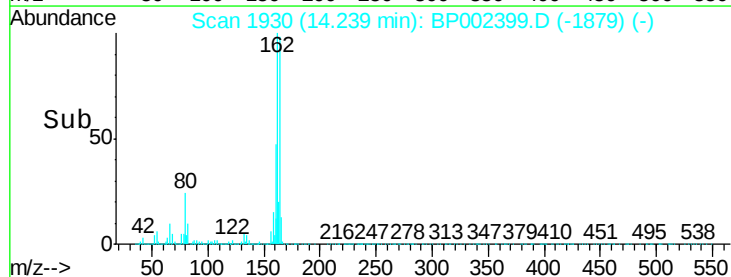
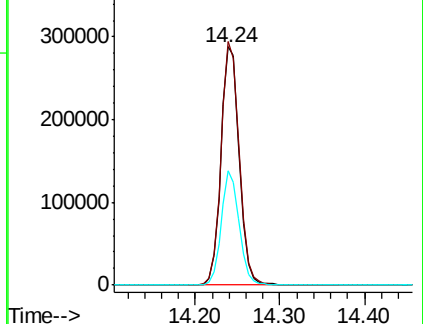
160 47.8 36.2 54.2

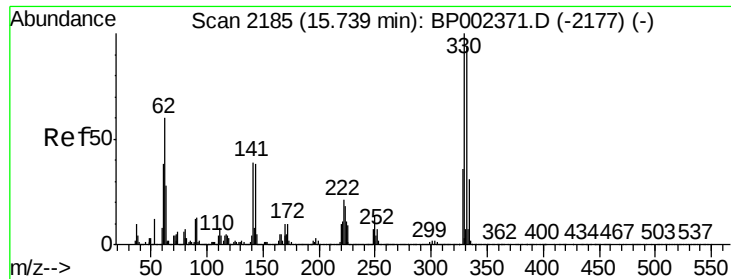


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

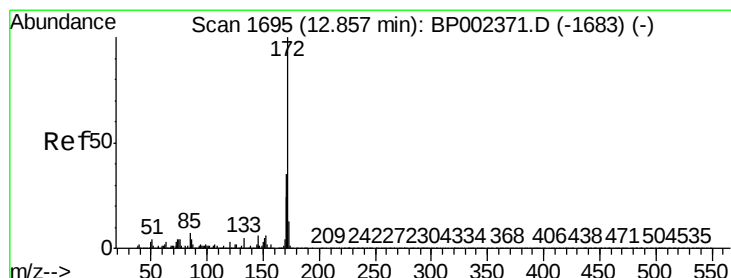
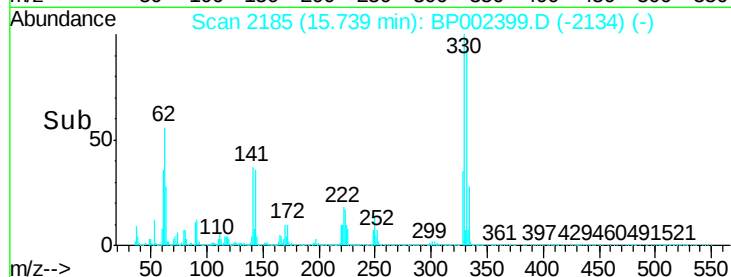
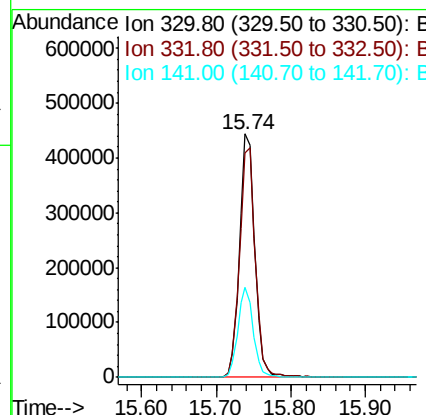
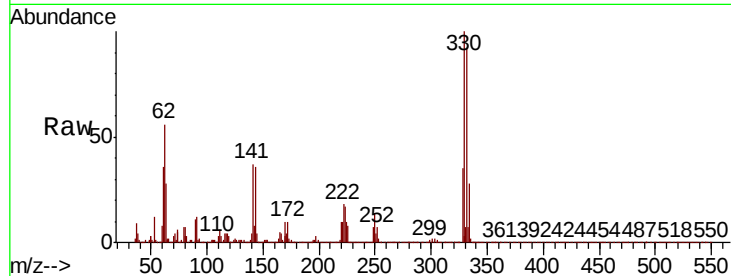




#42
 2,4,6-Tribromophenol
 Concen: 154.005 ng
 RT: 15.74 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BP002399.D
 Acq: 12 Jun 2020 15:11

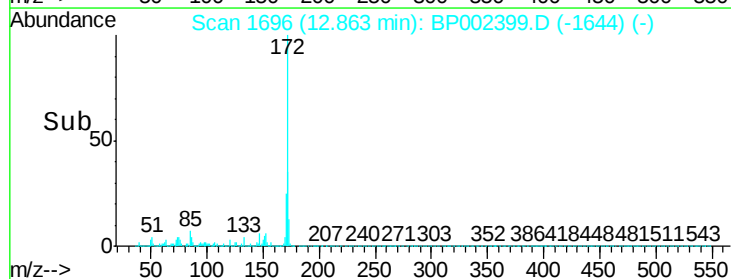
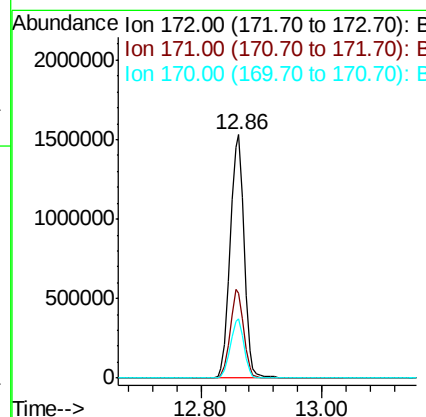
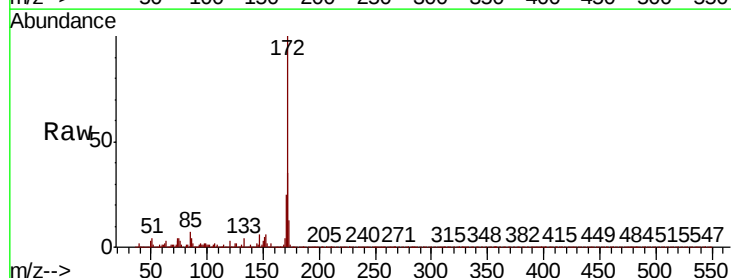
Instrument :
 BNA_P
 ClientSampleId :
 PB129506BL

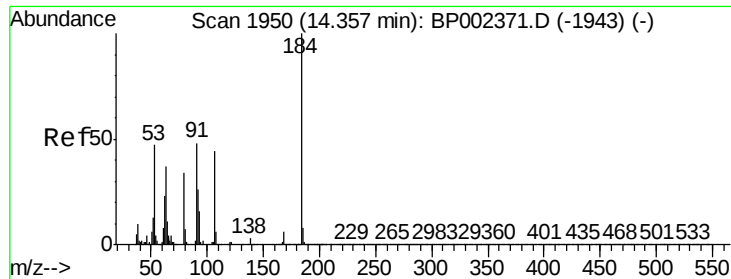
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	37.3	30.3	45.5



#45
 2-Fluorobiphenyl
 Concen: 95.706 ng
 RT: 12.86 min Scan# 1696
 Delta R.T. 0.01 min
 Lab File: BP002399.D
 Acq: 12 Jun 2020 15:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.8
170	24.5	19.0	28.6

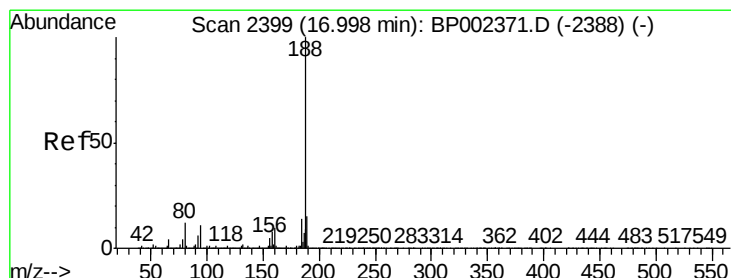
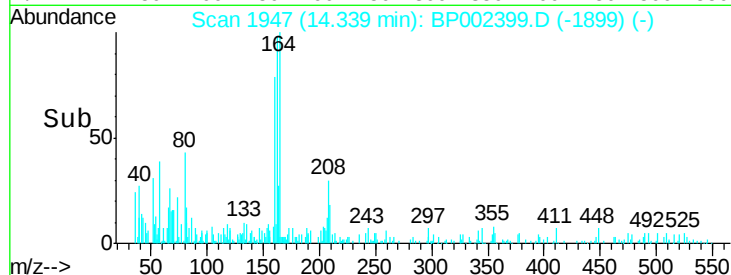
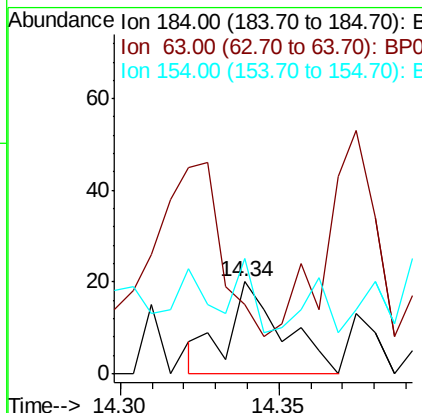
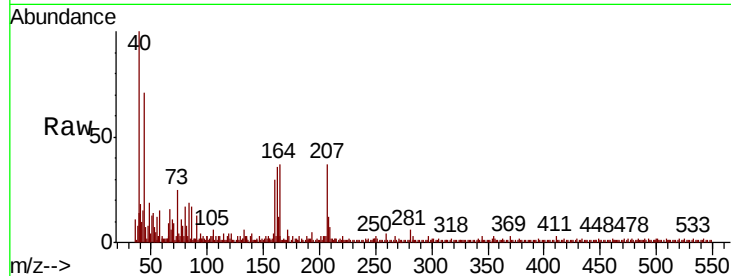




#54
2,4-Dinitrophenol
Concen: 2.792 ng
RT: 14.34 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BP002399.D
Acq: 12 Jun 2020 15:11

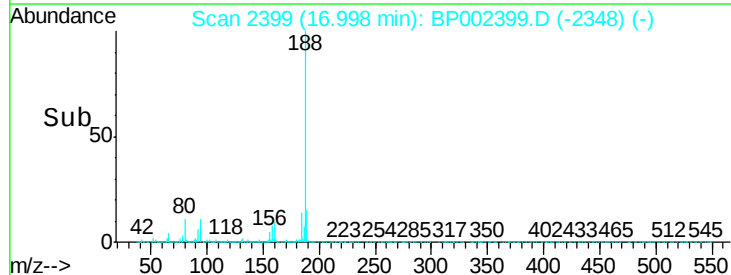
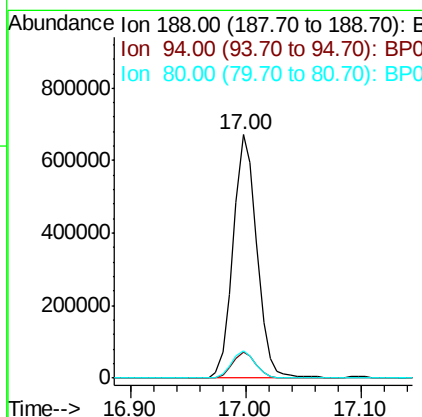
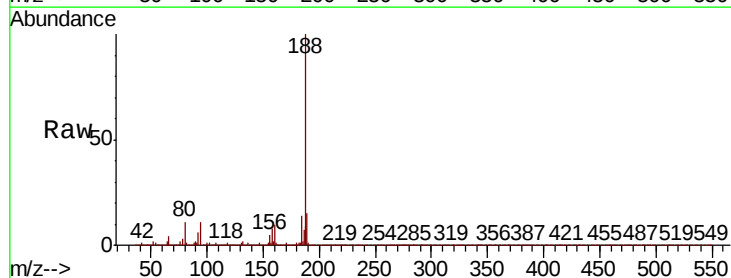
Instrument :
BNA_P
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PB129506BL

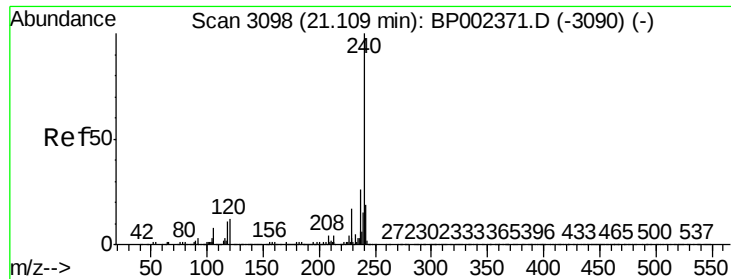
Tot Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 75.0 52.3 78.5
154 125.0 48.6 72.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BP002399.D
Acq: 12 Jun 2020 15:11

Tgt Ion:188 Resp: 957517
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.3 9.4 14.0

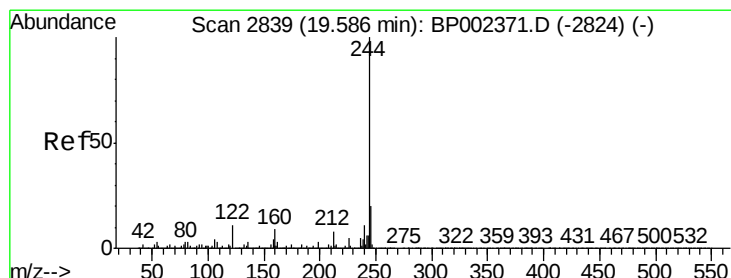
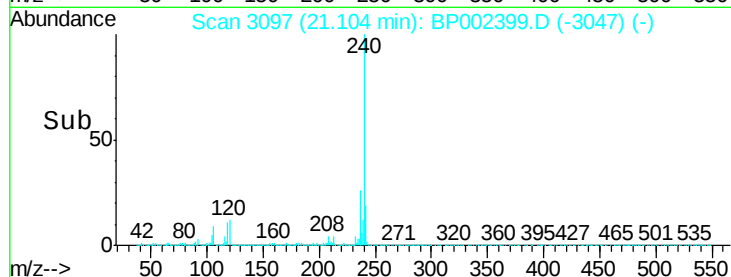
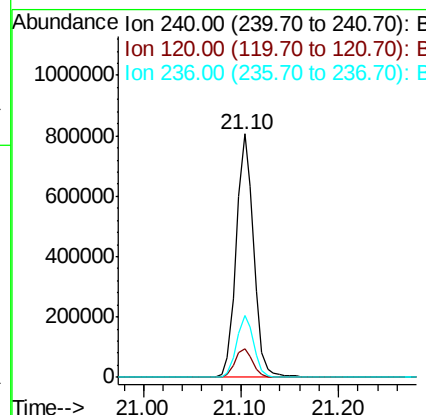
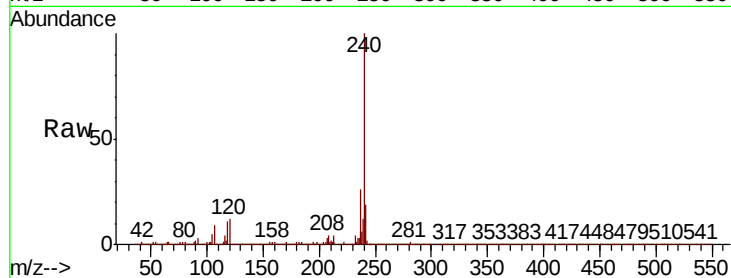




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BP002399.D
Acq: 12 Jun 2020 15:11

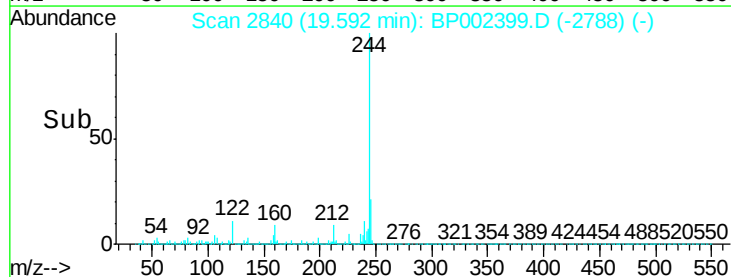
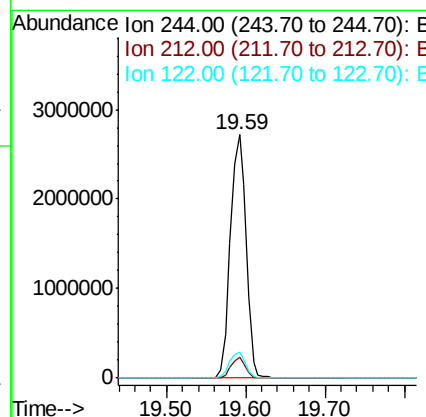
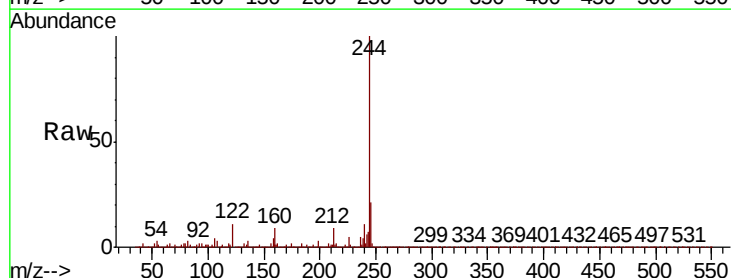
Instrument :
BNA_P
ClientSampleId :
PB129506BL

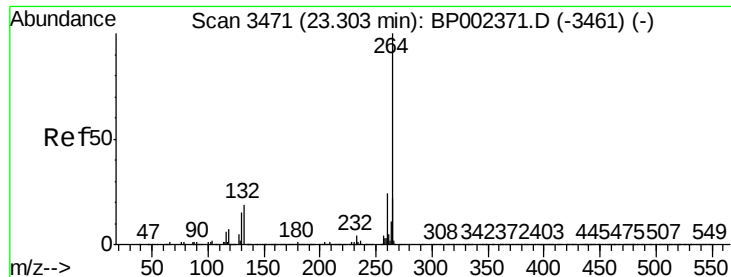
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.3	13.9
236	25.5	21.0	31.6



#79
Terphenyl-d14
Concen: 102.349 ng
RT: 19.59 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BP002399.D
Acq: 12 Jun 2020 15:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	10.5	8.8	13.2



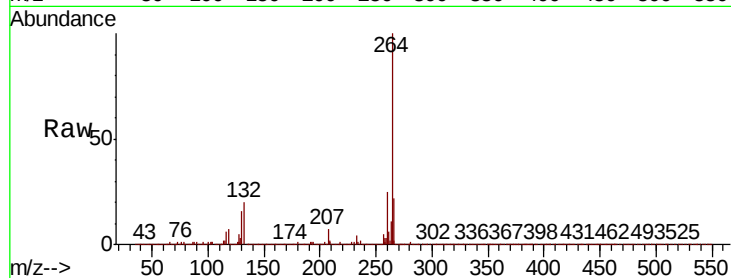


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. 0.00 min
Lab File: BP002399.D
Acq: 12 Jun 2020 15:11

Instrument :
BNA_P
ClientSampleId :
PB129506BL

Tot Ion:264 Resp: 1055414

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.0
265	21.9	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

