

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061220\
 Data File : BP002396.D
 Acq On : 12 Jun 2020 10:04
 Operator : CG/JU
 Sample : PB129455BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129455BL

Quant Time: Jun 12 11:24:30 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	162521	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	660752	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	415498	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	917702	20.00	ng	0.00
76) Chrysene-d12	21.10	240	922257	20.00	ng	-0.01
86) Perylene-d12	23.30	264	1017277	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	1234219	140.52	ng	0.00
7) Phenol-d6	6.78	99	1628189	139.24	ng	0.00
23) Nitrobenzene-d5	8.73	82	1134514	102.54	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	616606	155.00	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2366650	95.77	ng	0.00
79) Terphenyl-d14	19.59	244	3650520	109.86	ng	0.00

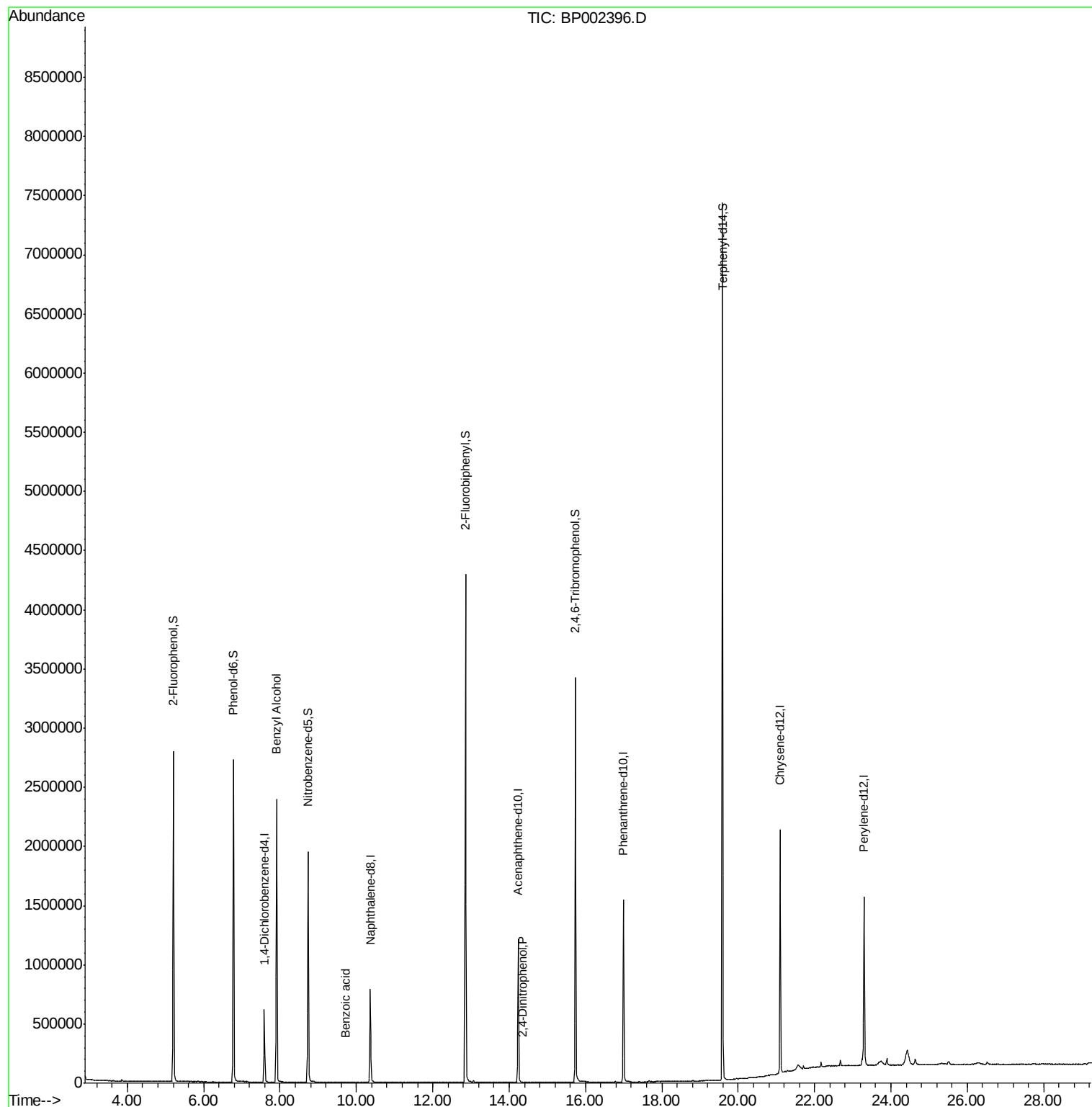
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.78	77	2911	Below Cal	#	4
15) Benzyl Alcohol	7.90	79	18547	2.046 ng	#	49
32) Benzoic acid	9.72	122	4	4.600 ng	#	1
54) 2,4-Dinitrophenol	14.34	184	16	2.790 ng	#	1
61) 4-Chlorophenyl-phenylether	15.30	204	43	Below Cal	#	63

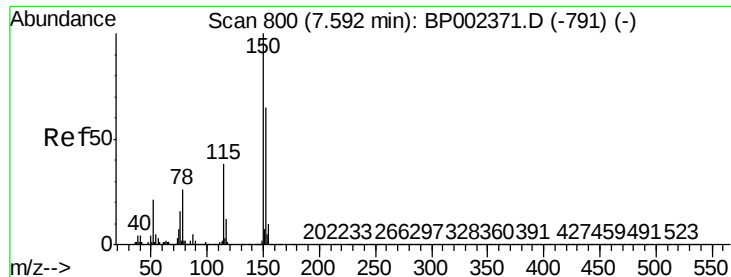
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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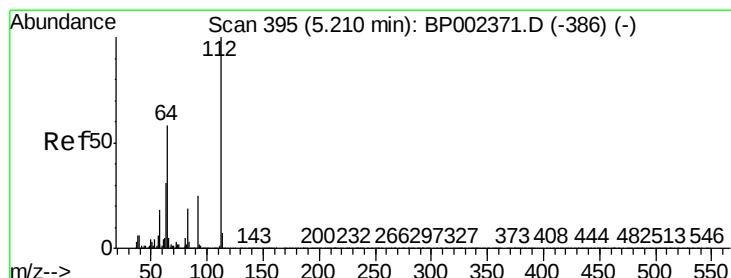
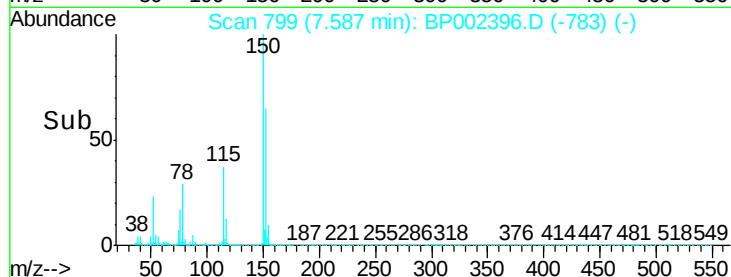
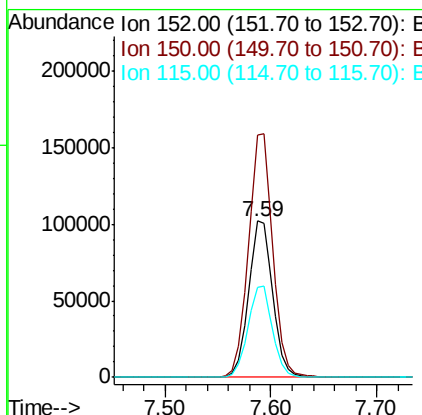
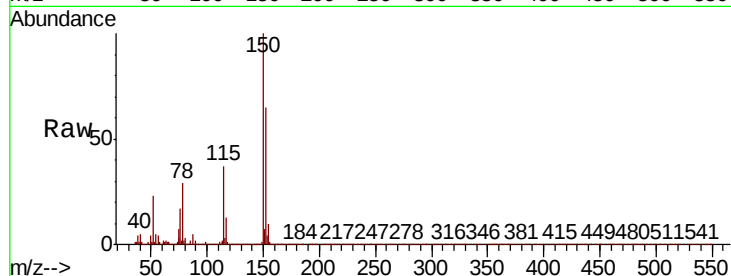


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002396.D
Acq: 12 Jun 2020 10:04

Instrument :
BNA_P
ClientSampleId :
PB129455BL

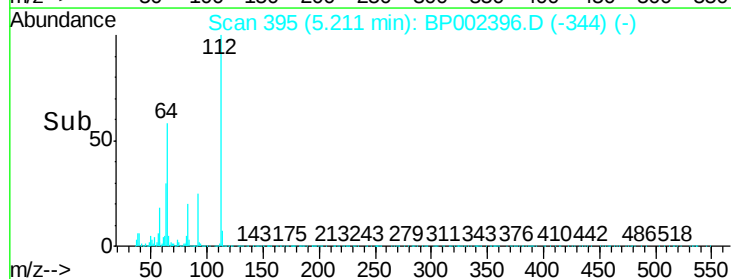
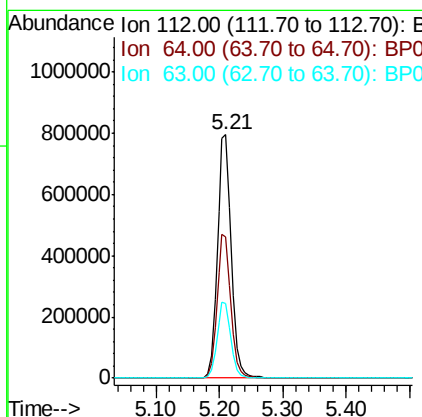
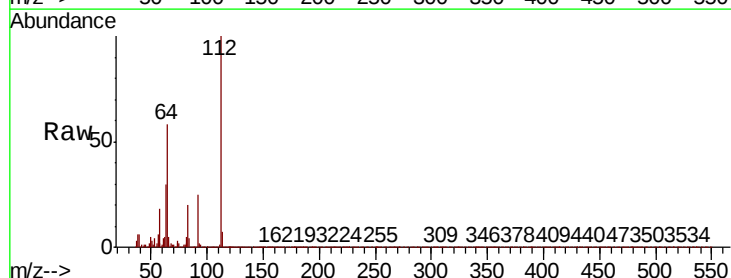
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.0	186.0
115	57.9	47.4	71.0

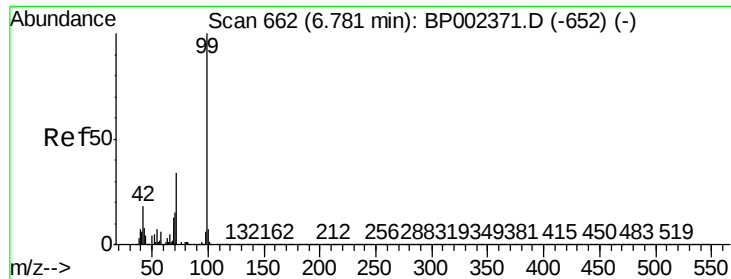


#5

2-Fluorophenol
Concen: 140.524 ng
RT: 5.21 min Scan# 395
Delta R.T. 0.00 min
Lab File: BP002396.D
Acq: 12 Jun 2020 10:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.2	69.2
63	30.4	24.5	36.7





#7

Phenol-d6

Concen: 139.238 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002396.D

Acq: 12 Jun 2020 10:04

Instrument :

BNA_P

ClientSampleId :

PB129455BL

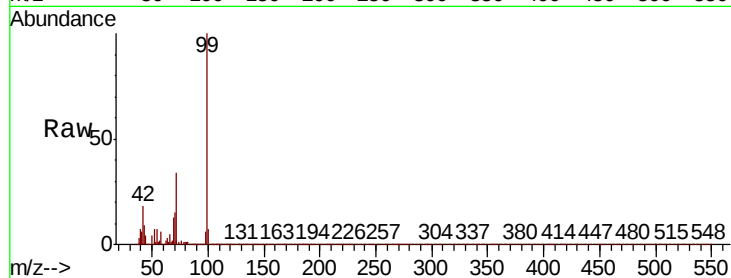
Tot Ion: 99 Resp: 1628189

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.6	22.0
71	34.2	27.2	40.8

99 100

42 18.3 14.6 22.0

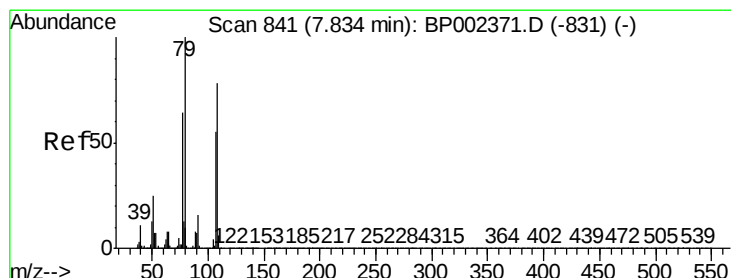
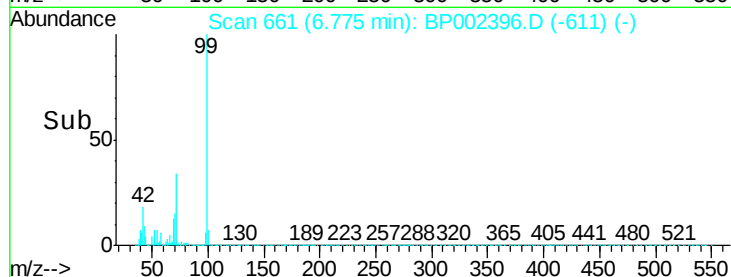
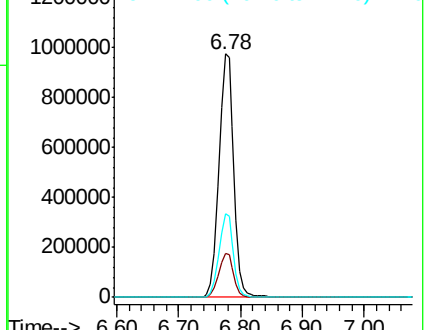
71 34.2 27.2 40.8



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: 2.046 ng

RT: 7.90 min Scan# 853

Delta R.T. 0.07 min

Lab File: BP002396.D

Acq: 12 Jun 2020 10:04

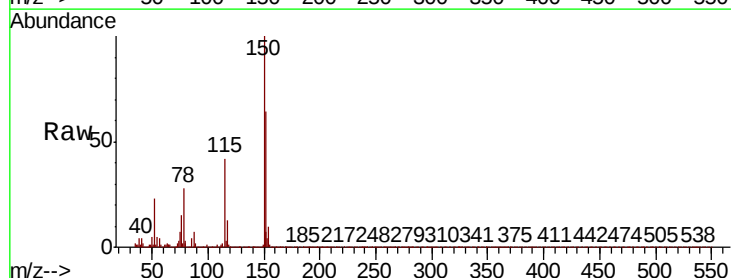
Tgt Ion: 79 Resp: 18547

Ion	Ratio	Lower	Upper
79	100		
108	32.6	62.6	94.0#
77	102.7	51.5	77.3#

79 100

108 32.6 62.6 94.0#

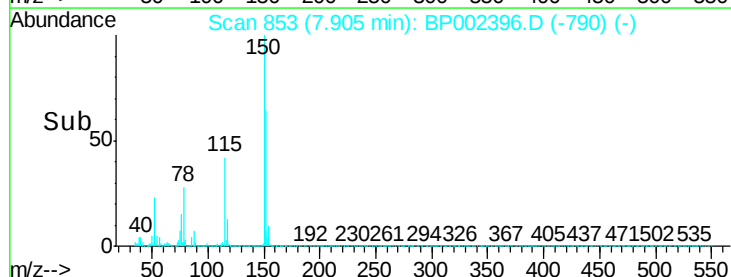
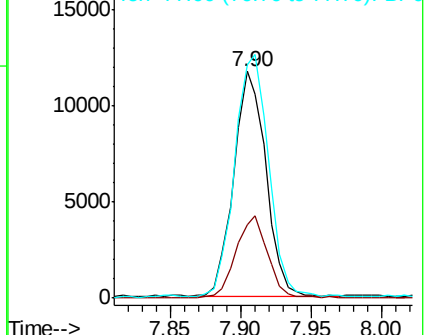
77 102.7 51.5 77.3#

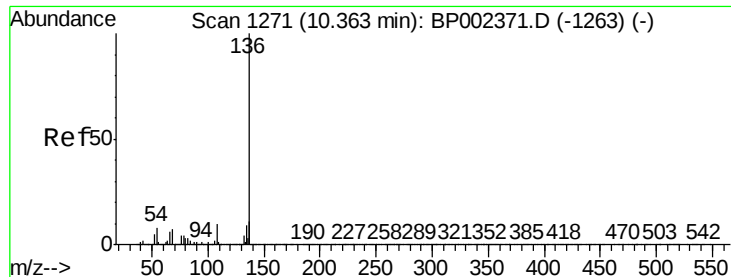


Abundance Ion 79.00 (78.70 to 79.70): BP0

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: BP002396.D

Acq: 12 Jun 2020 10:04

Instrument :

BNA_P

ClientSampleId :

PB129455BL

Tot Ion:136 Resp: 660752

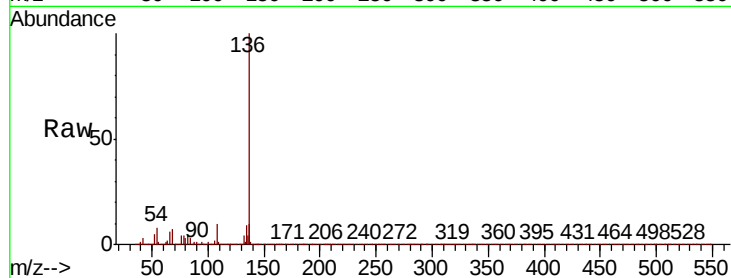
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	8.2	6.4	9.6
68	6.8	5.6	8.4

136 100

137 10.3 8.8 13.2

54 8.2 6.4 9.6

68 6.8 5.6 8.4

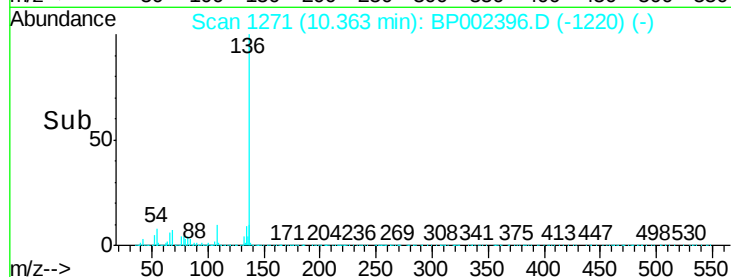


Abundance Ion 136.00 (135.70 to 136.70): E

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



600000

500000

400000

300000

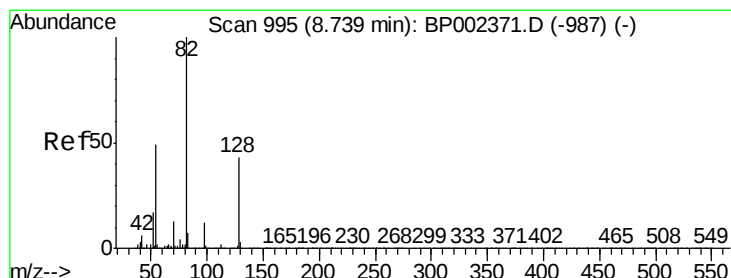
200000

100000

0

10.36

Time-->



#23

Nitrobenzene-d5

Concen: 102.538 ng

RT: 8.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BP002396.D

Acq: 12 Jun 2020 10:04

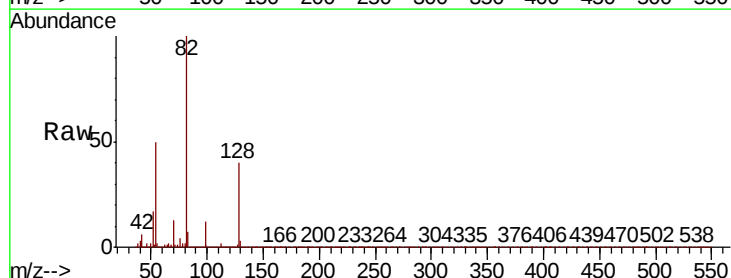
Tgt Ion: 82 Resp: 1134514

Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.5	51.7
54	49.5	39.4	59.2

82 100

128 40.1 34.5 51.7

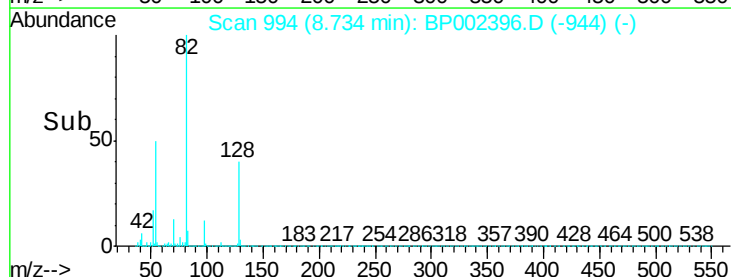
54 49.5 39.4 59.2



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



800000

600000

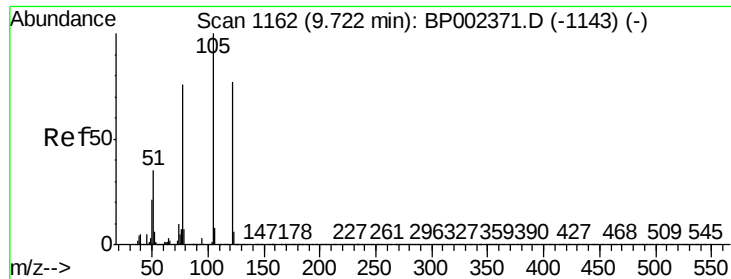
400000

200000

0

8.73

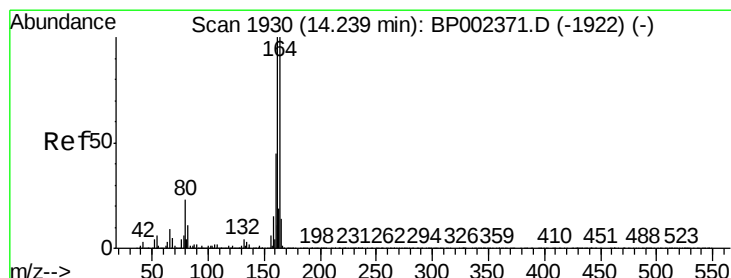
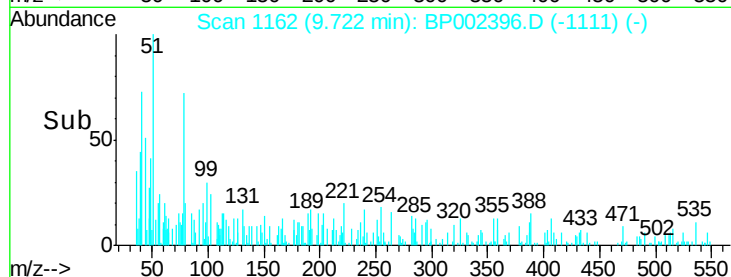
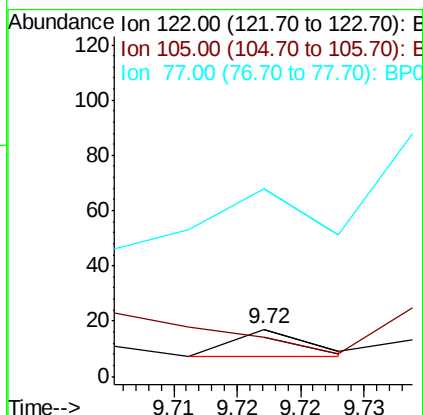
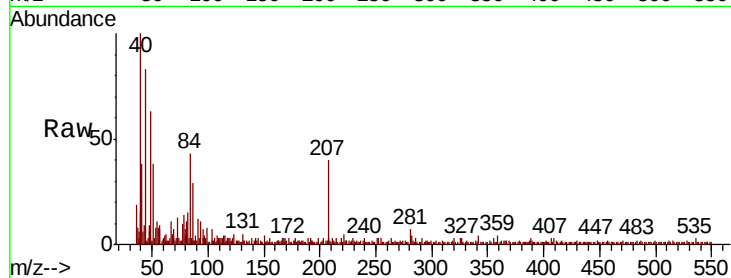
Time-->



#32
Benzoic acid
Concen: 4.600 ng
RT: 9.72 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BP002396.D
Acq: 12 Jun 2020 10:04

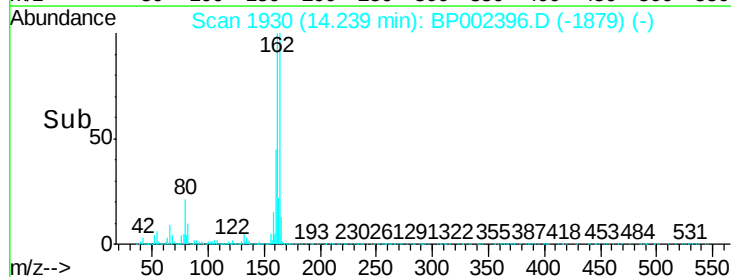
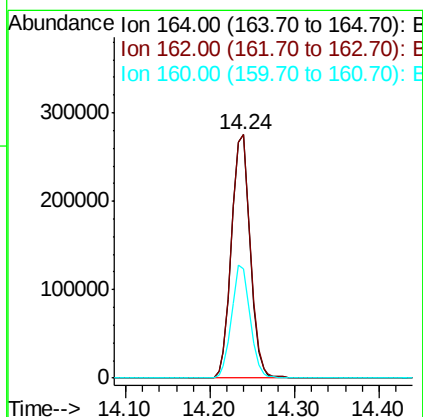
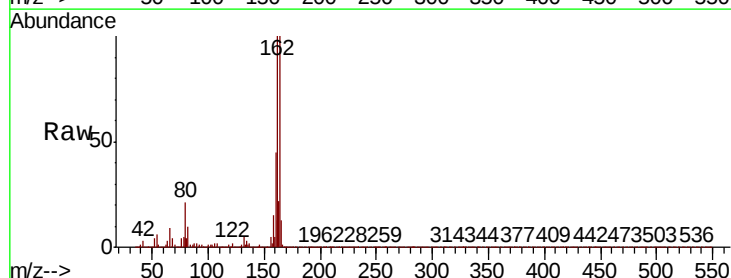
Instrument :
BNA_P
ClientSampled :
PB129455BL

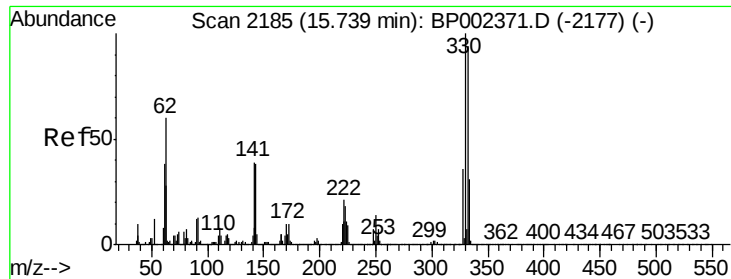
Tot Ion	Ratio	Lower	Upper
122	100		
105	82.4	106.3	146.3#
77	400.0	77.5	117.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.24 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BP002396.D
Acq: 12 Jun 2020 10:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.8	119.8
160	44.7	36.2	54.2

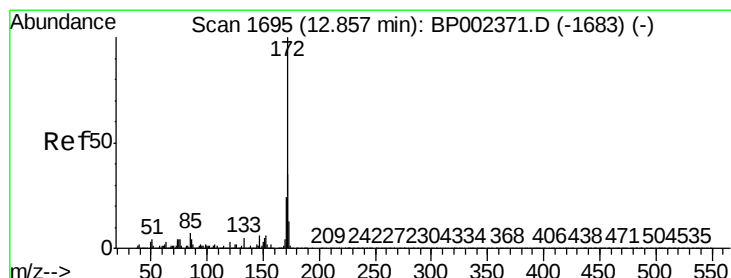
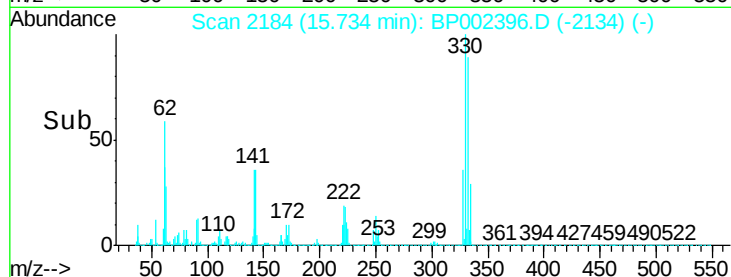
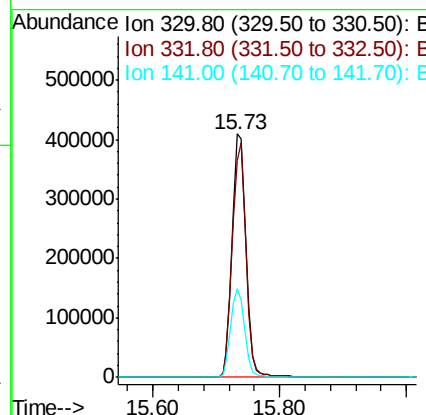
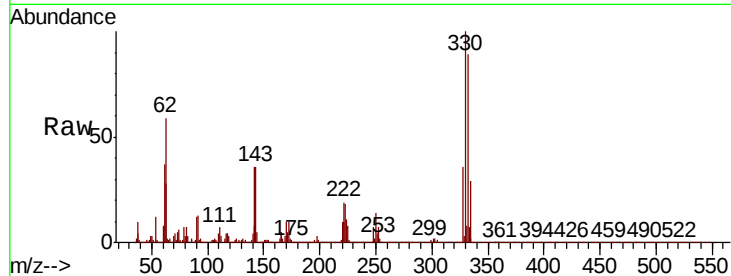




#42
2,4,6-Tribromophenol
Concen: 155.000 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002396.D
Acq: 12 Jun 2020 10:04

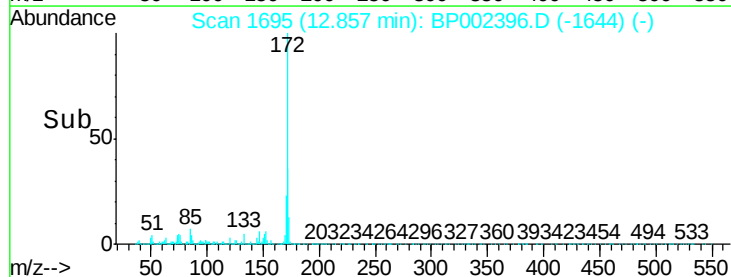
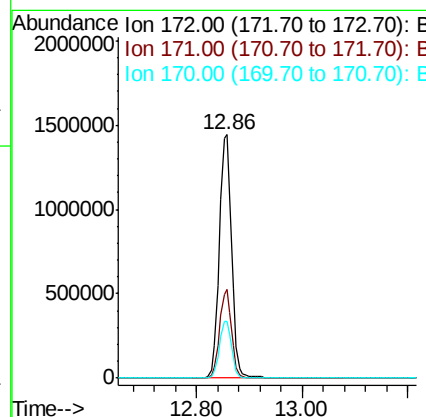
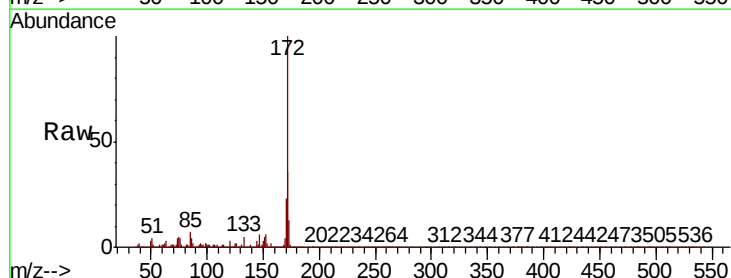
Instrument :
BNA_P
ClientSampleId :
PB129455BL

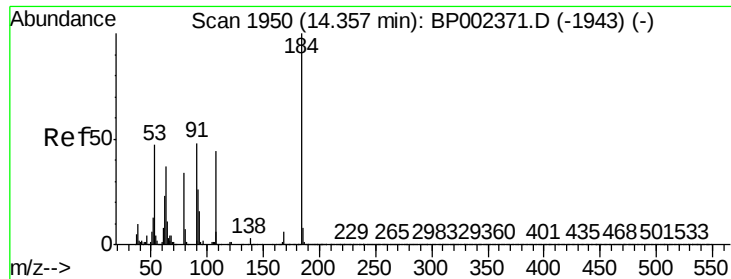
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	36.9	30.3	45.5



#45
2-Fluorobiphenyl
Concen: 95.772 ng
RT: 12.86 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BP002396.D
Acq: 12 Jun 2020 10:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.8	41.8
170	23.3	19.0	28.6

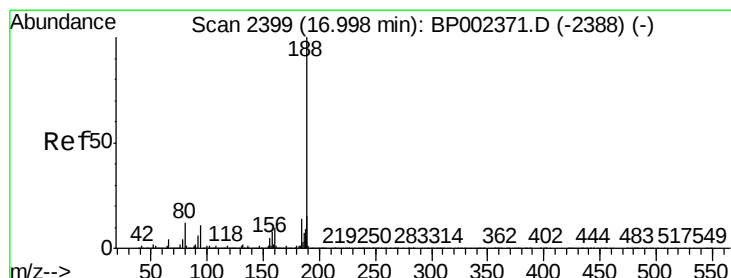
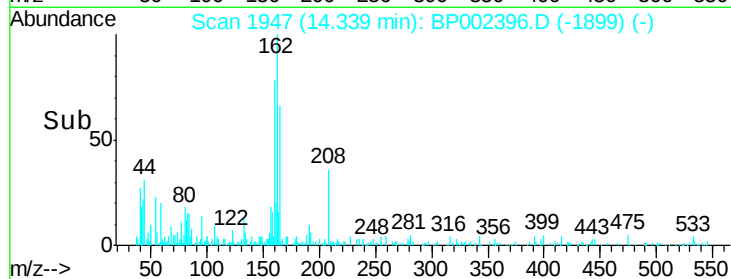
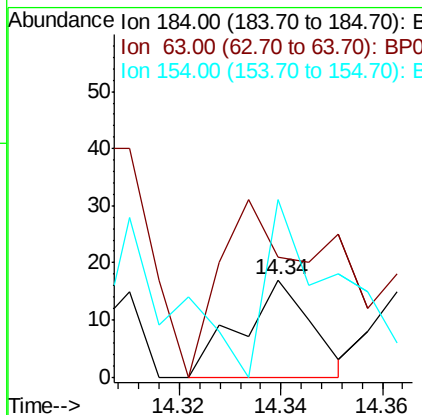
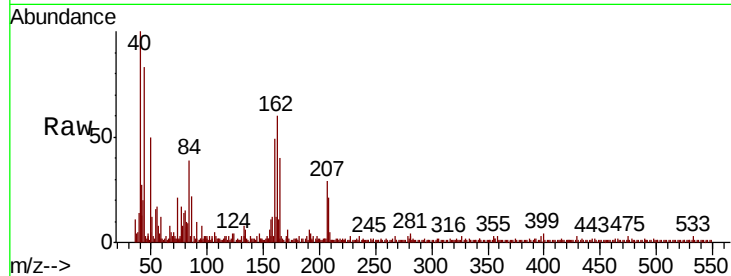




#54
2,4-Dinitrophenol
Concen: 2.790 ng
RT: 14.34 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BP002396.D
Acq: 12 Jun 2020 10:04

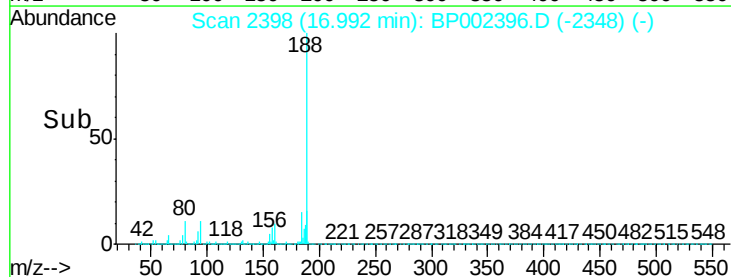
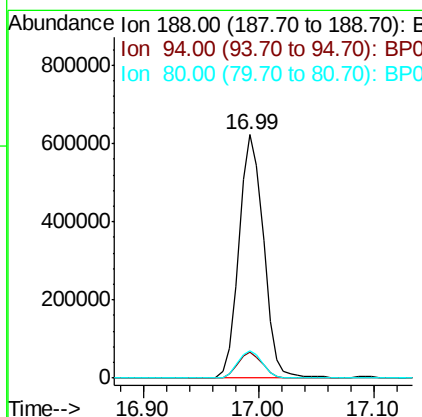
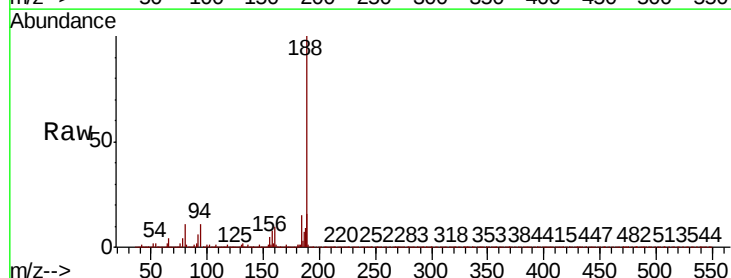
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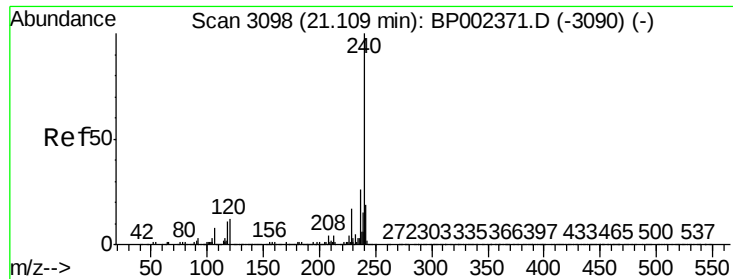
Tot Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 123.5 52.3 78.5#
154 182.4 48.6 72.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002396.D
Acq: 12 Jun 2020 10:04

Tgt Ion:188 Resp: 917702
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.3 9.4 14.0

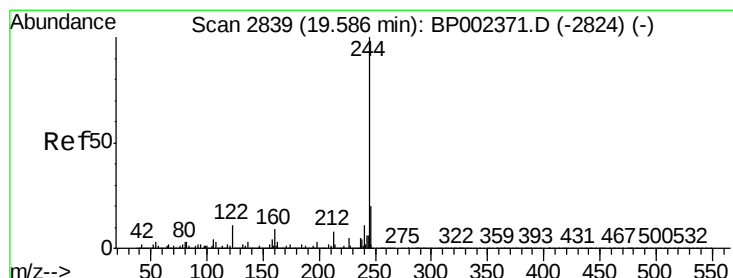
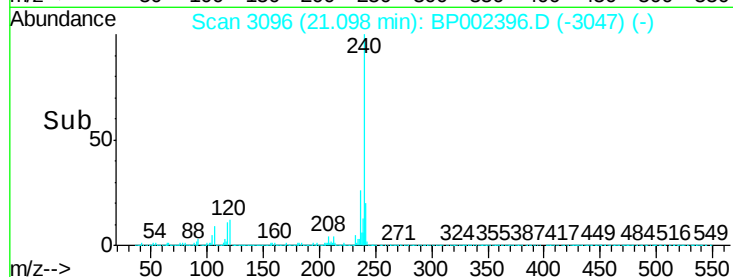
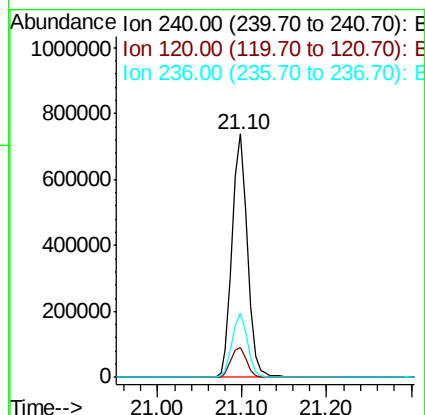
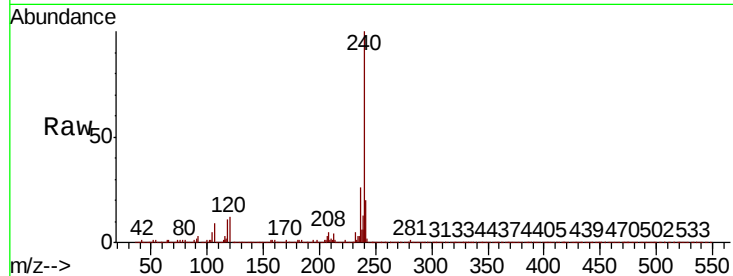




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.10 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BP002396.D
 Acq: 12 Jun 2020 10:04

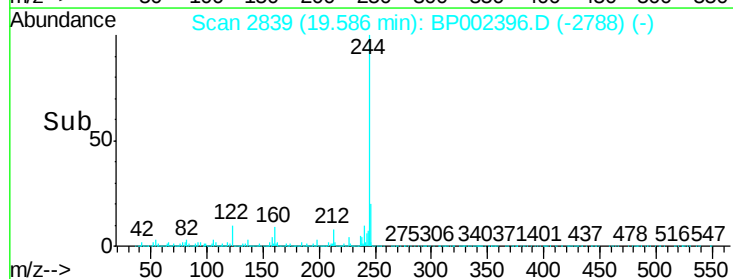
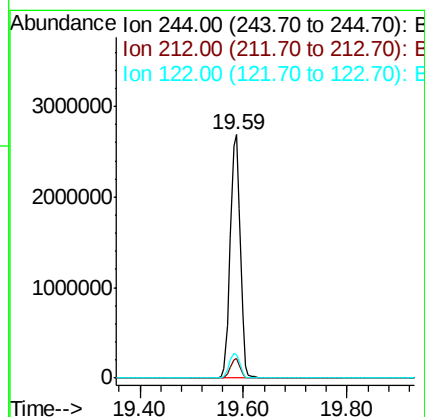
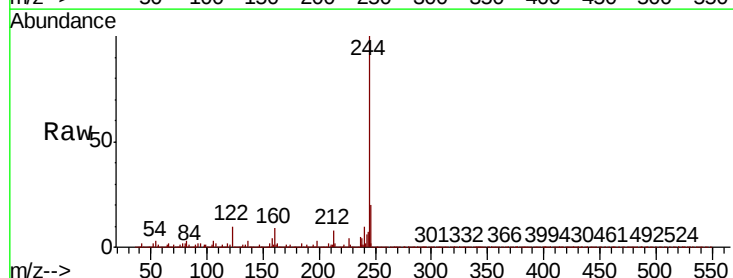
Instrument :
 BNA_P
 ClientSampleId :
 PB129455BL

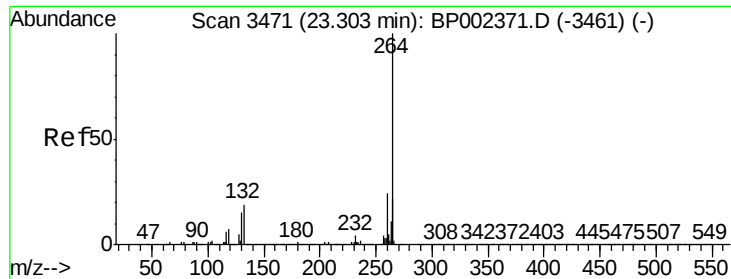
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.3	13.9
236	26.4	21.0	31.6



#79
 Terphenyl-d14
 Concen: 109.860 ng
 RT: 19.59 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: BP002396.D
 Acq: 12 Jun 2020 10:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	10.0
122	9.9	8.8	13.2



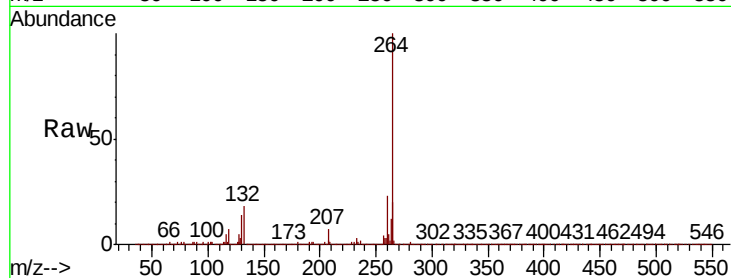


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BP002396.D
Acq: 12 Jun 2020 10:04

Instrument :
BNA_P
ClientSampleId :
PB129455BL

Tot Ion:264 Resp: 1017277

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.0
265	20.1	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

