

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
 Data File : BP002439.D
 Acq On : 18 Jun 2020 13:54
 Operator : CG/JU
 Sample : PB129603BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129603BL

Quant Time: Jun 18 14:48:12 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

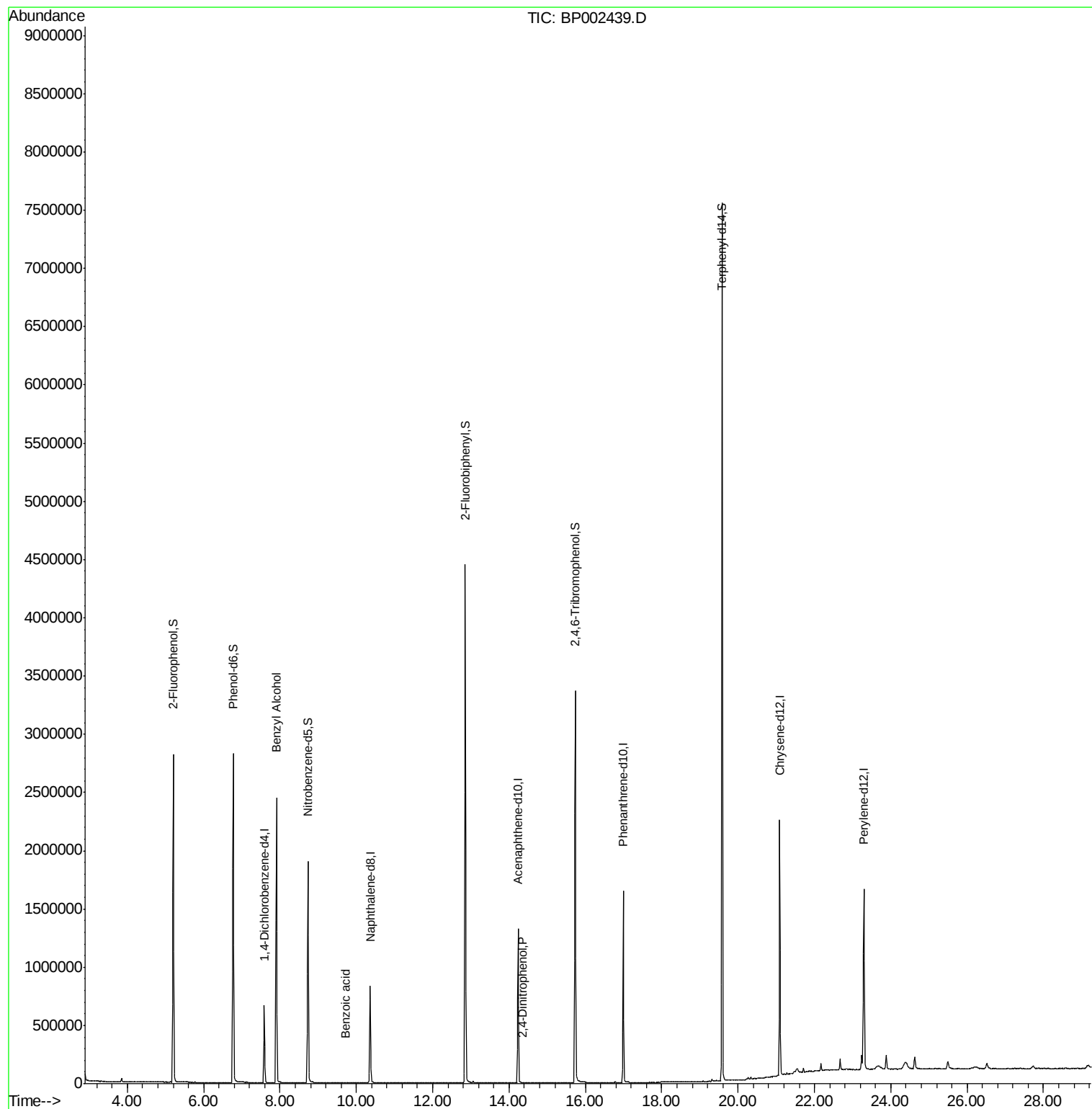
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	167955	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	696918	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	439907	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	994040	20.00	ng	0.00
76) Chrysene-d12	21.09	240	997771	20.00	ng	-0.02
86) Perylene-d12	23.29	264	1040825	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1200529	132.27	ng	0.00
7) Phenol-d6	6.78	99	1626197	134.57	ng	0.00
23) Nitrobenzene-d5	8.73	82	1130100	96.84	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	608548	144.49	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2358599	90.15	ng	0.00
79) Terphenyl-d14	19.58	244	3725020	101.28	ng	0.00
Target Compounds						
9) Benzaldehyde	6.78	77	2896	Below Cal	#	4
15) Benzyl Alcohol	7.90	79	18960	2.024 ng	#	45
32) Benzoic acid	9.72	122	23	4.602 ng	#	32
54) 2,4-Dinitrophenol	14.36	184	25	2.792 ng	#	71
61) 4-Chlorophenyl-phenylether	15.29	204	21	Below Cal	#	78

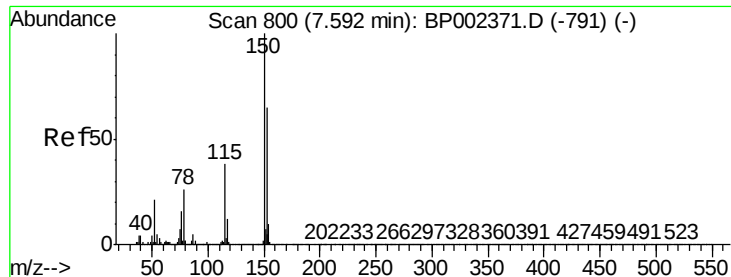
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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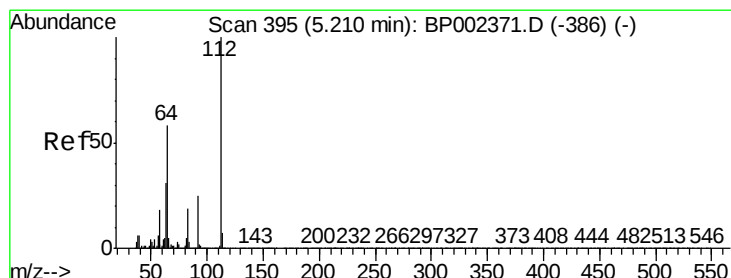
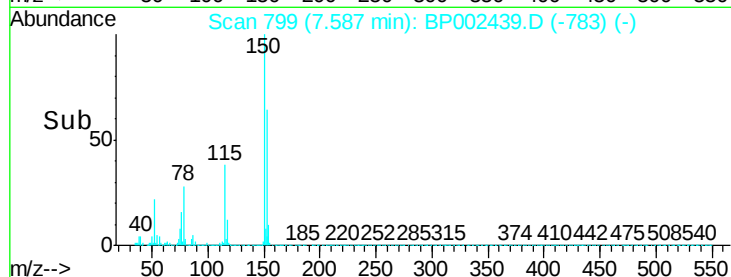
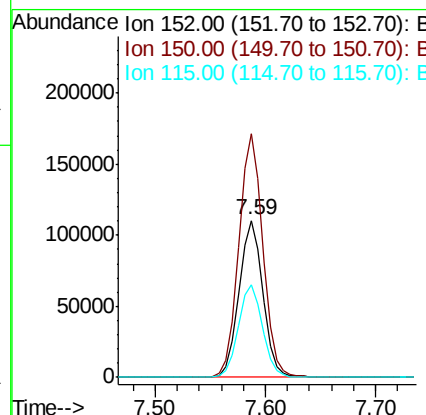
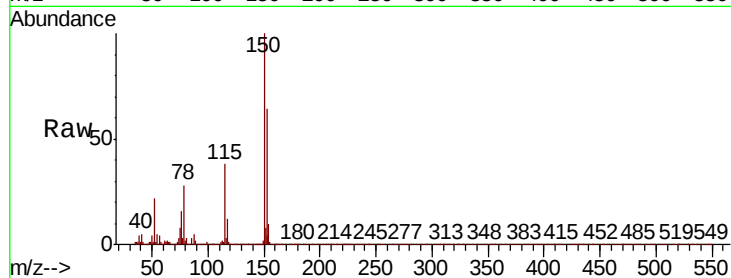


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002439.D
Acq: 18 Jun 2020 13:54

Instrument :
BNA_P
ClientSampleId :
PB129603BL

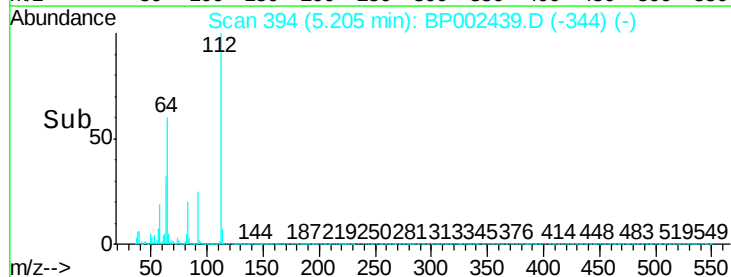
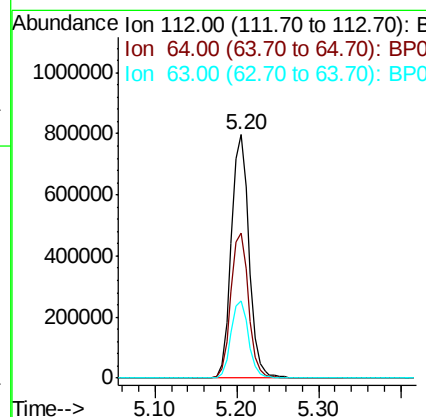
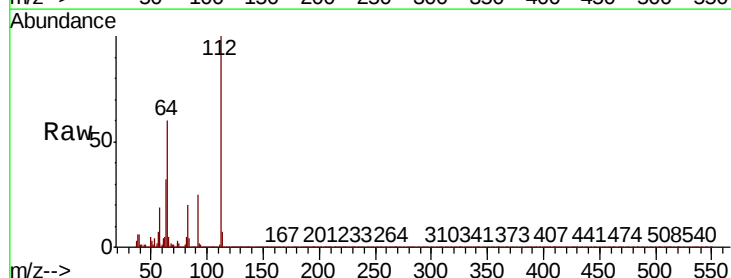
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.0	186.0
115	59.1	47.4	71.0

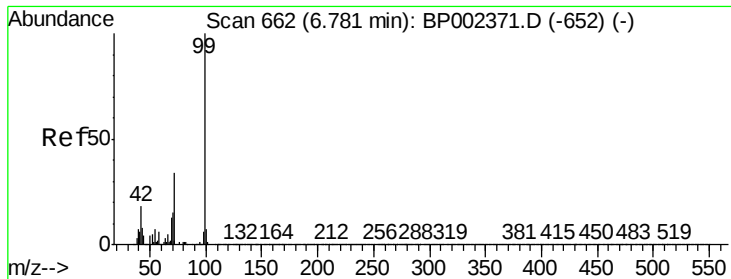


#5

2-Fluorophenol
Concen: 132.266 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002439.D
Acq: 18 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.2	69.2
63	31.8	24.5	36.7





#7

Phenol-d6

Concen: 134.568 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002439.D

Acq: 18 Jun 2020 13:54

Instrument :

BNA_P

ClientSampleId :

PB129603BL

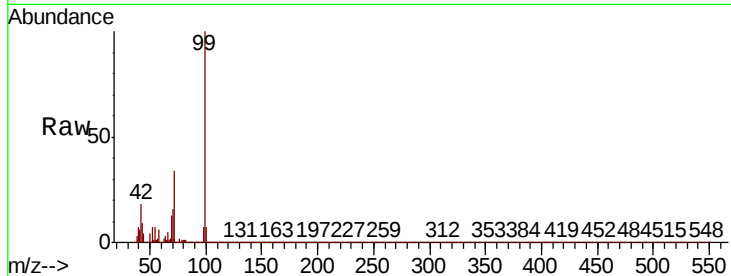
Tot Ion: 99 Resp: 1626197

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	22.0
71	34.1	27.2	40.8

99 100

42 18.5 14.6 22.0

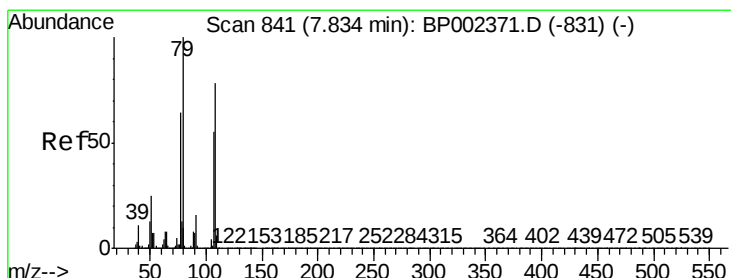
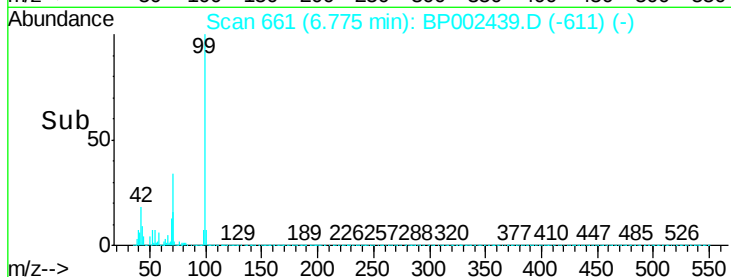
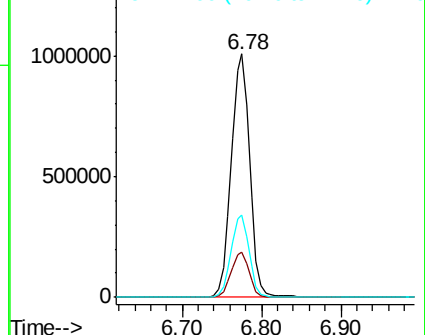
71 34.1 27.2 40.8



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



#15

Benzyl Alcohol

Concen: 2.024 ng

RT: 7.90 min Scan# 853

Delta R.T. 0.07 min

Lab File: BP002439.D

Acq: 18 Jun 2020 13:54

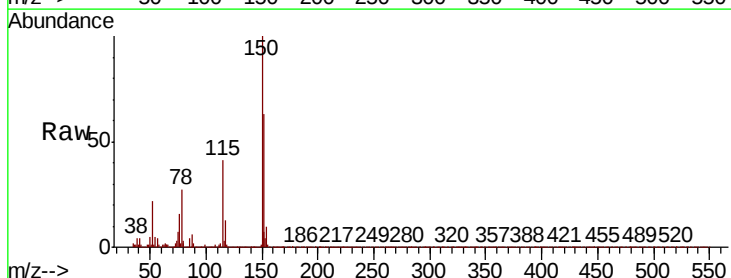
Tgt Ion: 79 Resp: 18960

Ion	Ratio	Lower	Upper
79	100		
108	36.1	62.6	94.0#
77	114.4	51.5	77.3#

79 100

108 36.1 62.6 94.0#

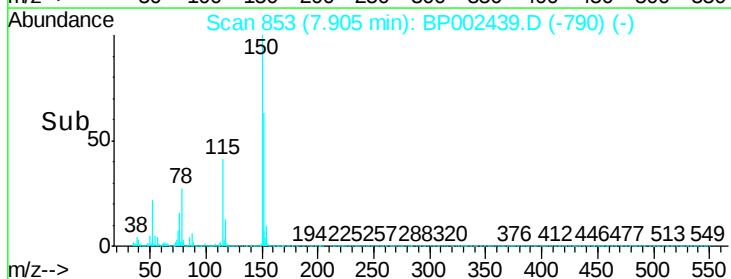
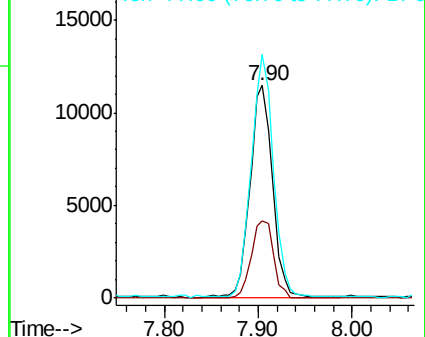
77 114.4 51.5 77.3#

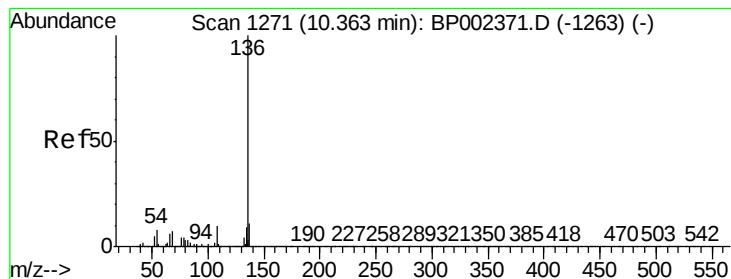


Abundance Ion 79.00 (78.70 to 79.70): BP0

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# 1270

Delta R.T. -0.01 min

Lab File: BP002439.D

Acq: 18 Jun 2020 13:54

Instrument :

BNA_P

ClientSampleId :

PB129603BL

Tot Ion:136 Resp: 696918

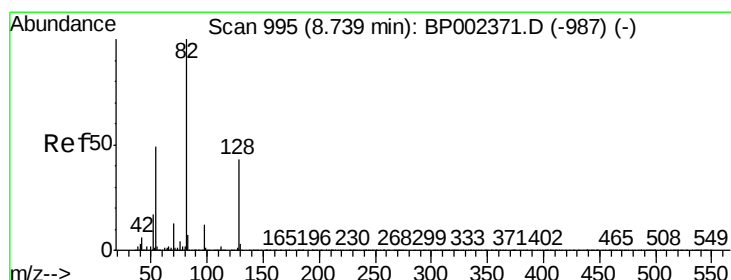
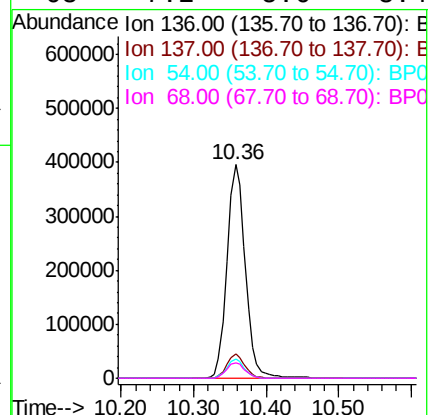
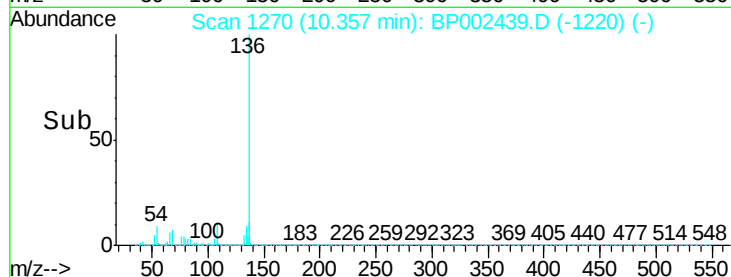
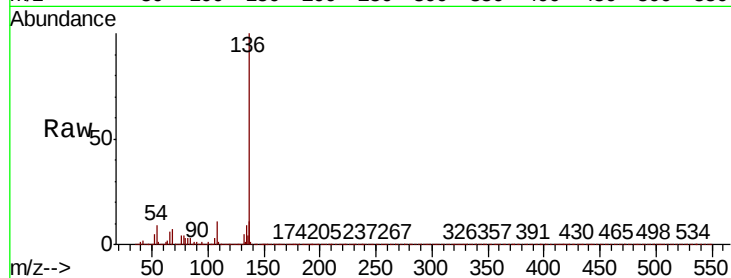
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.9	6.4	9.6
68	7.2	5.6	8.4

136 100

137 11.2 8.8 13.2

54 8.9 6.4 9.6

68 7.2 5.6 8.4



#23

Nitrobenzene-d5

Concen: 96.838 ng

RT: 8.73 min Scan# 993

Delta R.T. -0.01 min

Lab File: BP002439.D

Acq: 18 Jun 2020 13:54

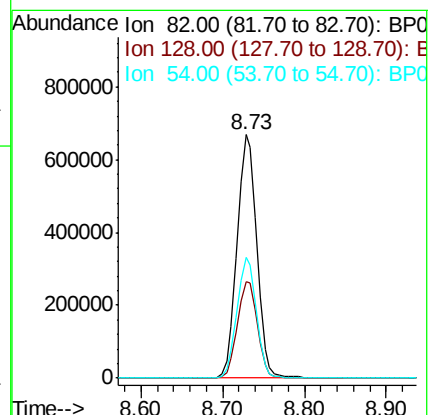
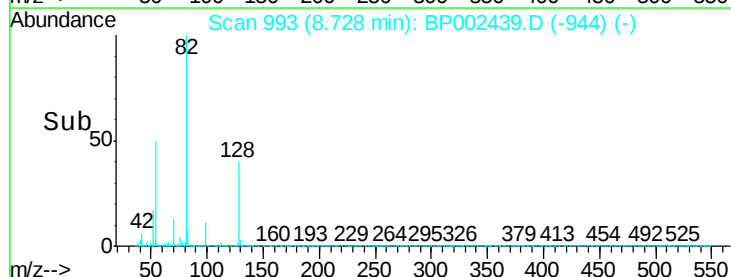
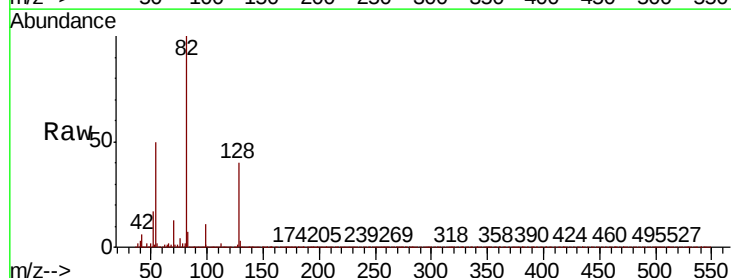
Tgt Ion: 82 Resp: 1130100

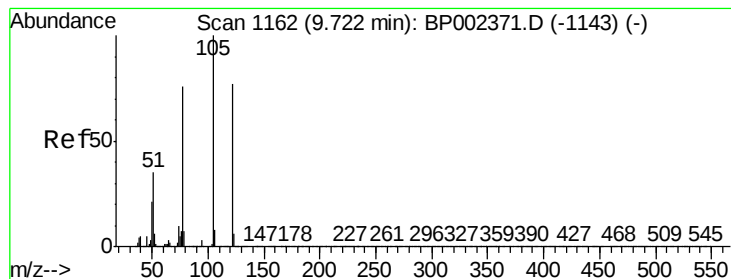
Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.5	51.7
54	49.6	39.4	59.2

82 100

128 39.9 34.5 51.7

54 49.6 39.4 59.2





#32

Benzoic acid

Concen: 4.602 ng

RT: 9.72 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BP002439.D

Acq: 18 Jun 2020 13:54

Instrument :

BNA_P

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PB129603BL

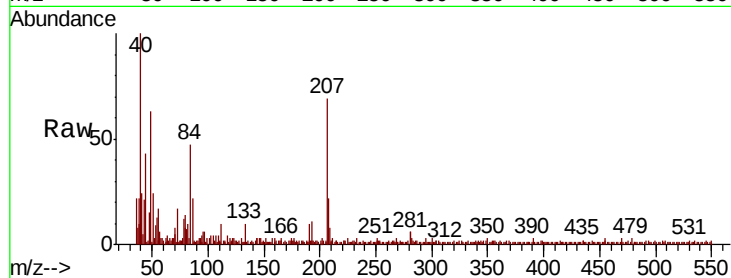
Tot Ion:122 Resp: 23

Ion Ratio Lower Upper

122 100

105 0.0 106.3 146.3#

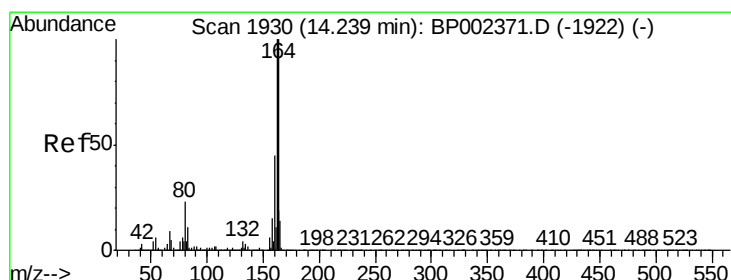
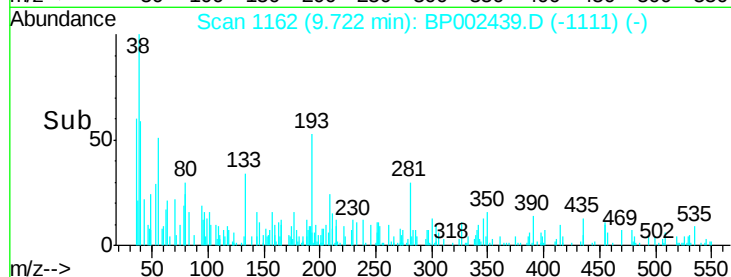
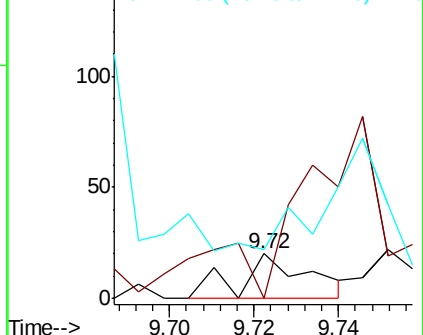
77 110.0 77.5 117.5



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: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002439.D

Acq: 18 Jun 2020 13:54

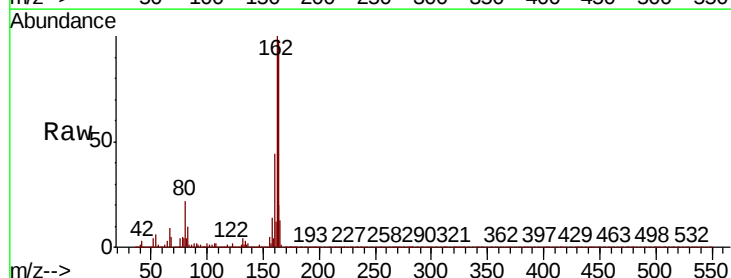
Tgt Ion:164 Resp: 439907

Ion Ratio Lower Upper

164 100

162 102.1 79.8 119.8

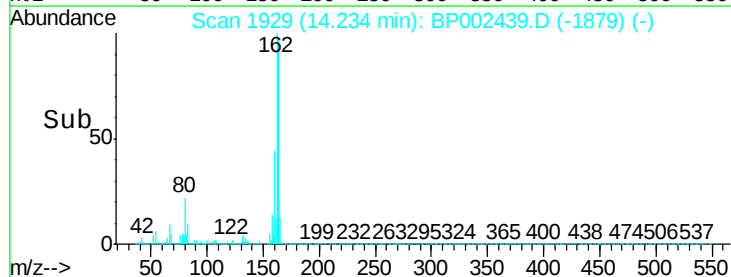
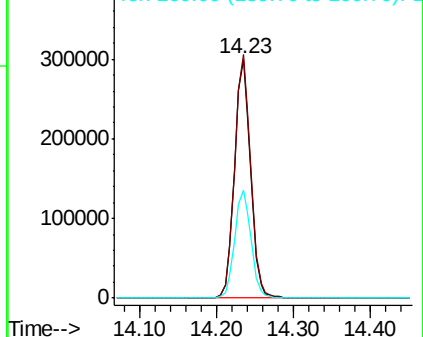
160 45.3 36.2 54.2

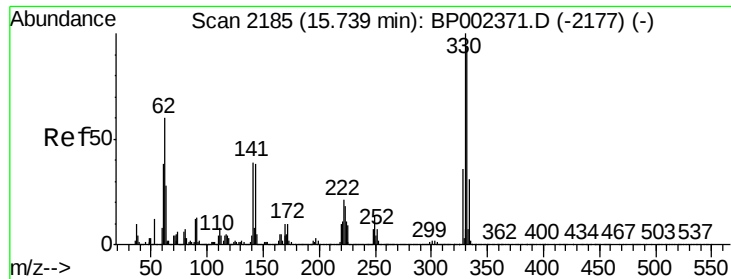


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

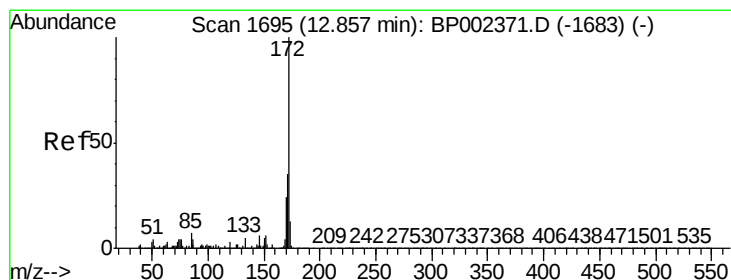
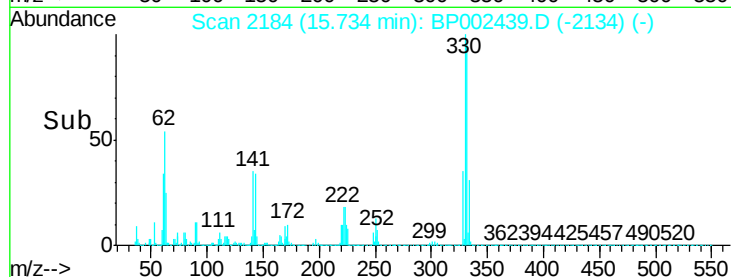
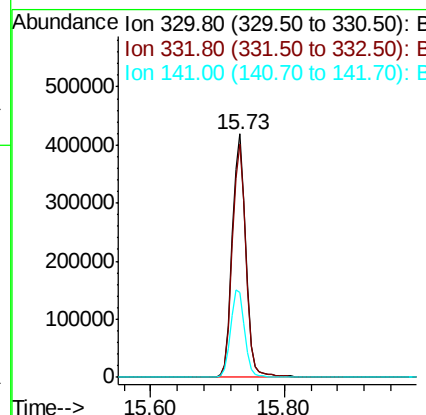
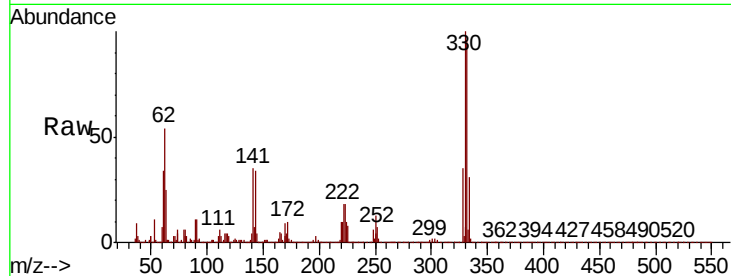




#42
 2,4,6-Tribromophenol
 Concen: 144.487 ng
 RT: 15.73 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BP002439.D
 Acq: 18 Jun 2020 13:54

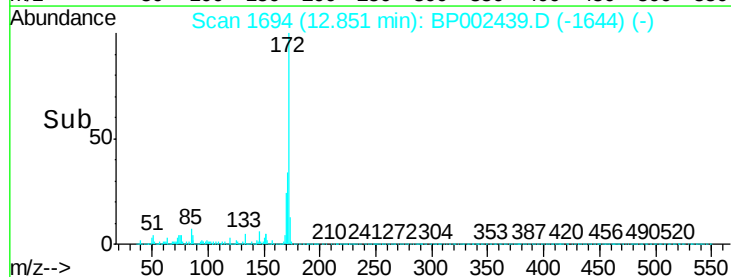
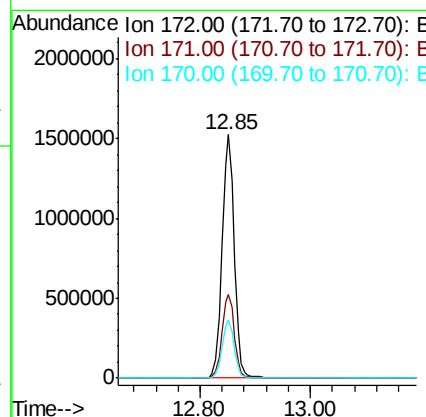
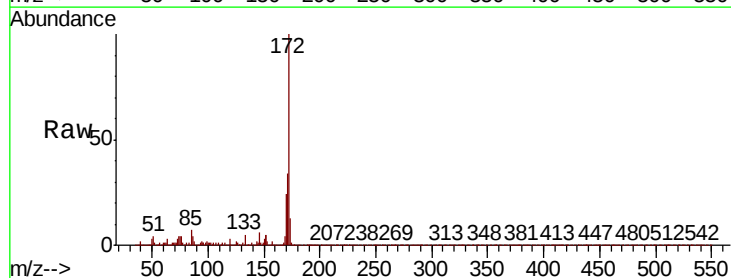
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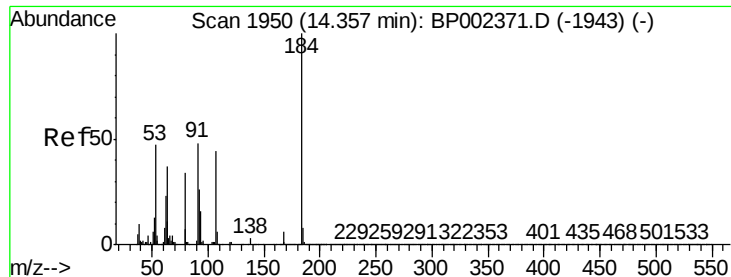
Tot Ion:330 Resp: 608548
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 37.0 30.3 45.5



#45
 2-Fluorobiphenyl
 Concen: 90.151 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BP002439.D
 Acq: 18 Jun 2020 13:54

Tgt Ion:172 Resp: 2358599
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.8 41.8
 170 24.0 19.0 28.6

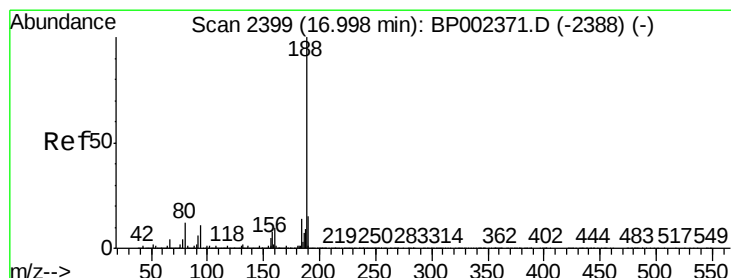
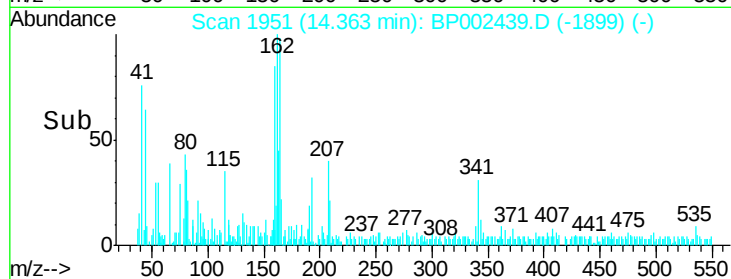
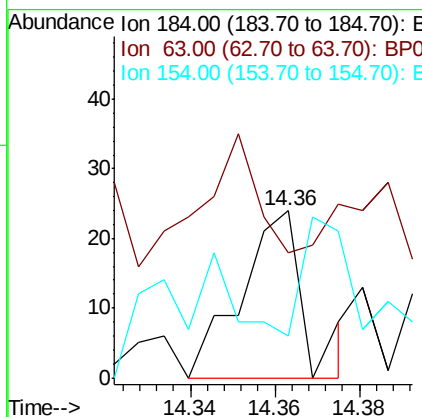
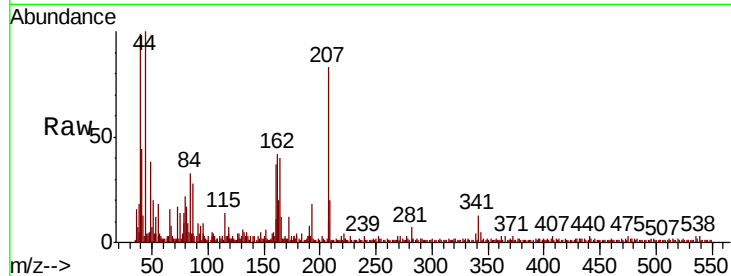




#54
2,4-Dinitrophenol
Concen: 2.792 ng
RT: 14.36 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BP002439.D
Acq: 18 Jun 2020 13:54

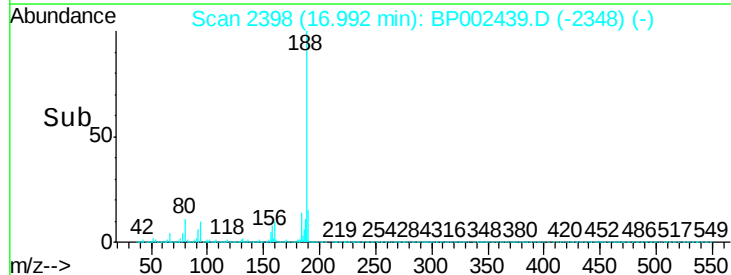
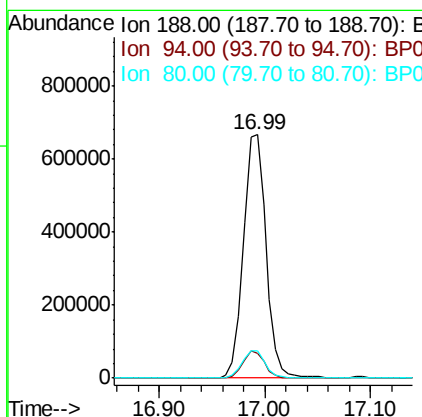
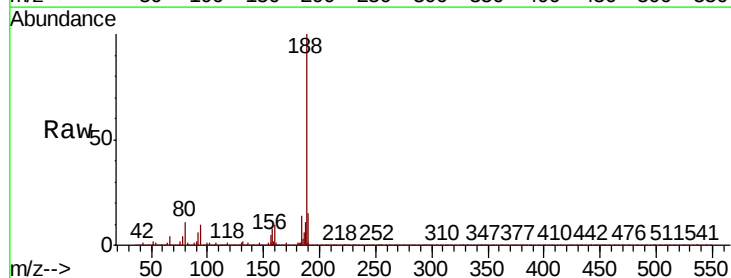
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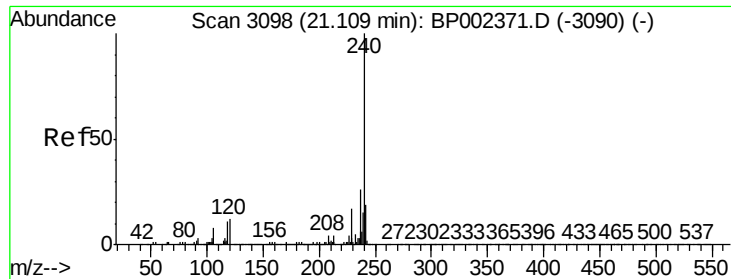
Tot Ion:184 Resp: 25
Ion Ratio Lower Upper
184 100
63 75.0 52.3 78.5
154 25.0 48.6 72.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002439.D
Acq: 18 Jun 2020 13:54

Tgt Ion:188 Resp: 994040
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.3 9.4 14.0

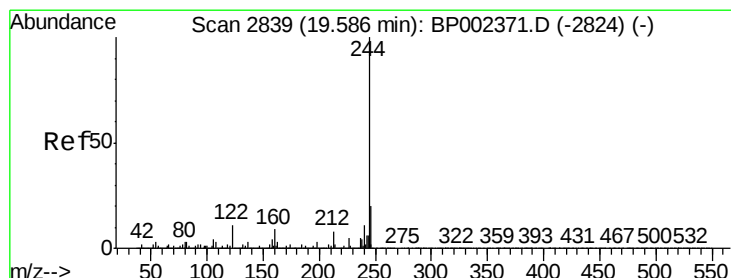
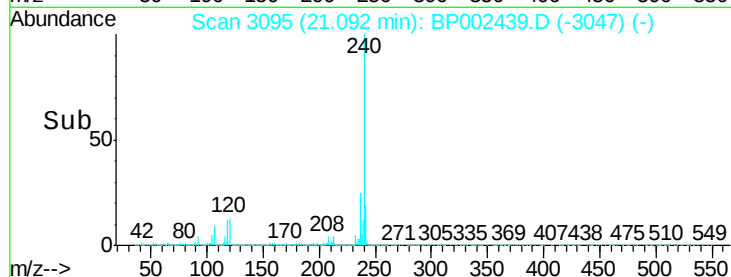
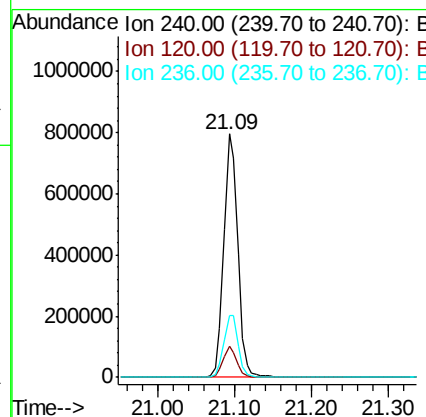
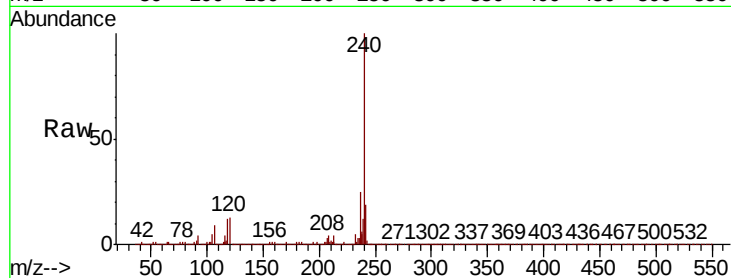




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.09 min Scan# 3095
 Delta R.T. -0.02 min
 Lab File: BP002439.D
 Acq: 18 Jun 2020 13:54

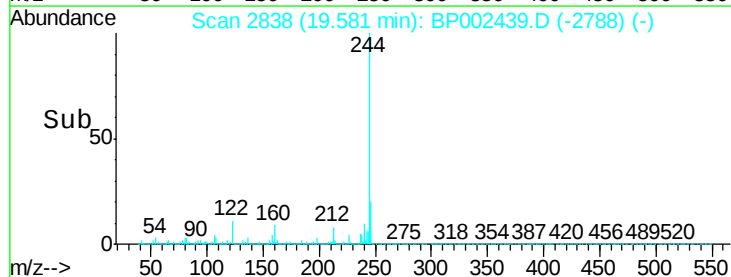
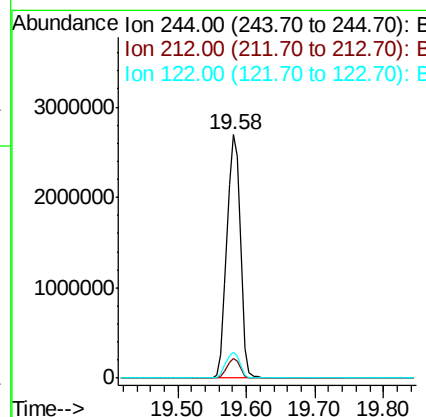
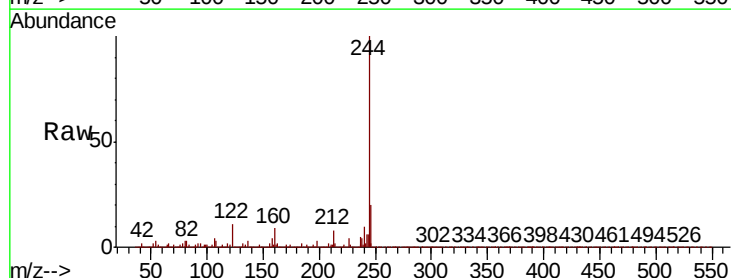
Instrument :
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 ClientSampleId :
 PB129603BL

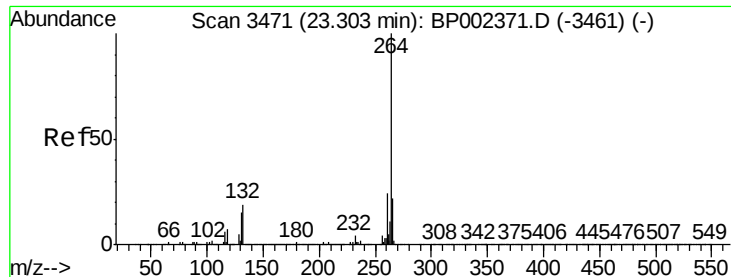
Tot Ion:240 Resp: 997771
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.3 13.9
 236 25.5 21.0 31.6



#79
 Terphenyl-d14
 Concen: 101.276 ng
 RT: 19.58 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: BP002439.D
 Acq: 18 Jun 2020 13:54

Tgt Ion:244 Resp: 3725020
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 10.0
 122 10.5 8.8 13.2

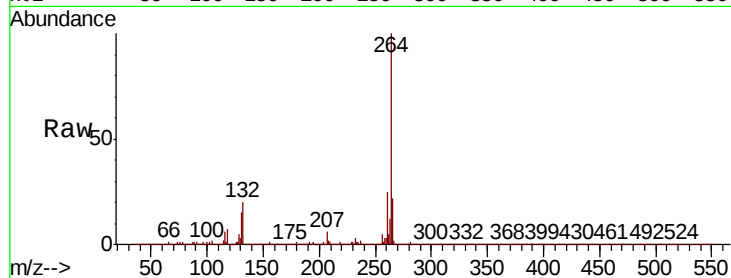




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BP002439.D
Acq: 18 Jun 2020 13:54

Instrument :
BNA_P
ClientSampleId :
PB129603BL

Tot Ion:	264	Resp:	1040825
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.1	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

