

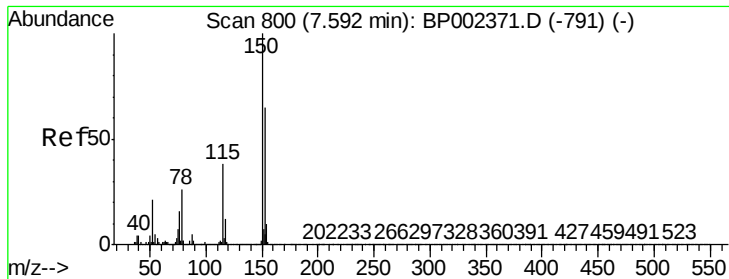
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
 Data File : BP002466.D
 Acq On : 19 Jun 2020 19:25
 Operator : CG/JU
 Sample : L3052-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 177

Quant Time: Jun 20 02:24:03 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	167726	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	644952	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	359743	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	695309	20.00	ng	0.00
76) Chrysene-d12	21.10	240	604929	20.00	ng	-0.01
86) Perylene-d12	23.29	264	695325	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	726384	80.14	ng	0.00
7) Phenol-d6	6.78	99	949141	78.65	ng	0.00
23) Nitrobenzene-d5	8.73	82	614217	56.87	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	286765	83.26	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1223353	57.18	ng	0.00
79) Terphenyl-d14	19.58	244	1397841	46.98	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.20	88	17909	4.289	ng	# 30
9) Benzaldehyde	6.73	77	2030	Below Cal		# 81
32) Benzoic acid	9.76	122	93	4.612	ng	# 55
50) Dimethylphthalate	13.69	163	159020	6.451	ng	# 99
51) 2,6-Dinitrotoluene	13.79	165	14076	2.629	ng	# 29
54) 2,4-Dinitrophenol	14.36	184	11	2.789	ng	# 1
61) 4-Chlorophenyl-phenylether	15.32	204	891	Below Cal		# 48
84) Bis(2-ethylhexyl)phthalate	21.04	149	651285	27.182	ng	# 99
85) Di-n-octyl phthalate	21.96	149	879040	20.917	ng	# 39

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

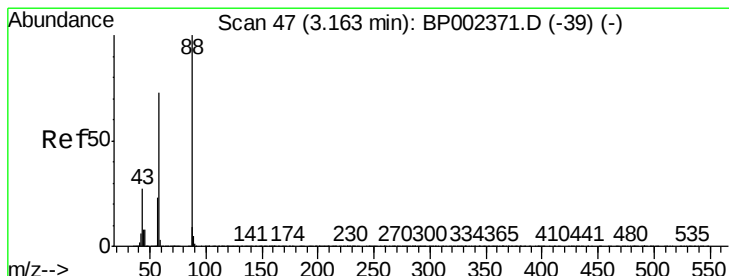
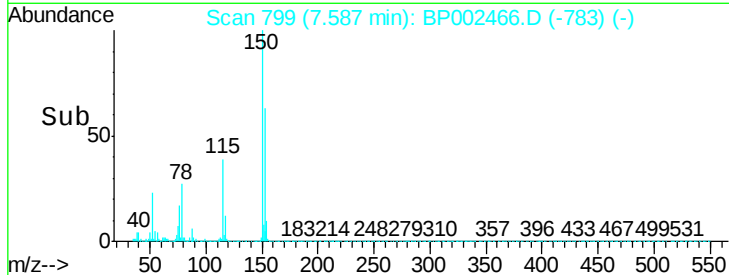
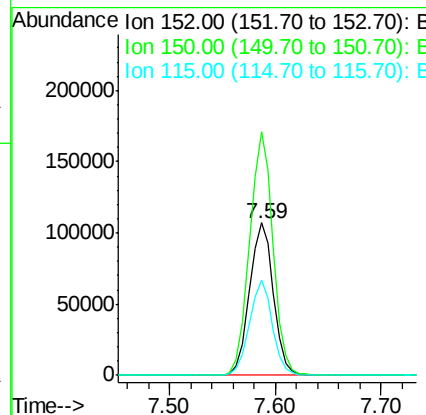
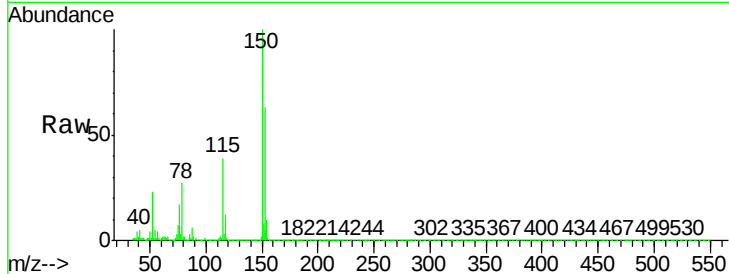


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002466.D
Acq: 19 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
177

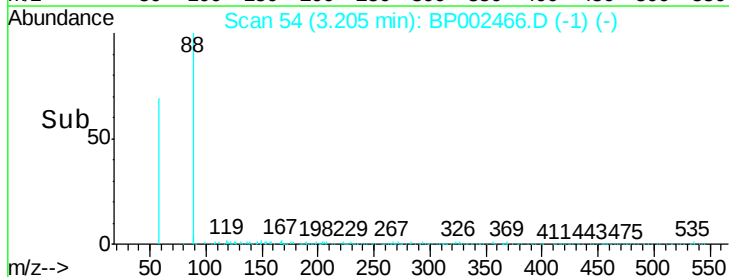
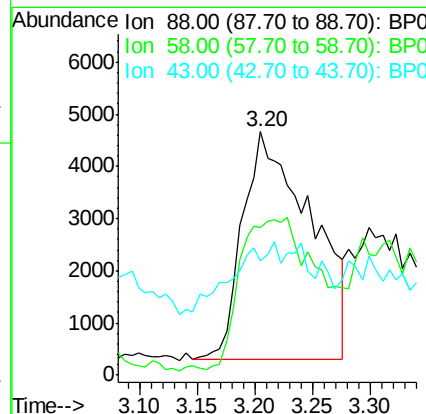
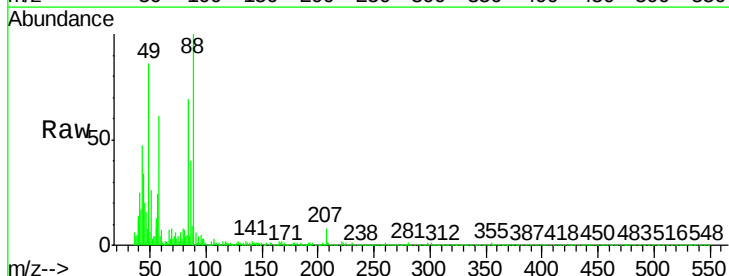
Tot Ion	152	Resp	167726
Ion Ratio	Lower	Upper	
152	100		
150	159.5	124.0	186.0
115	62.7	47.4	71.0

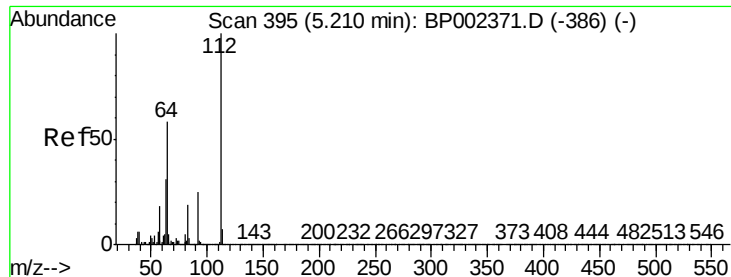


#2

1,4-Dioxane
Concen: 4.289 ng
RT: 3.20 min Scan# 54
Delta R.T. 0.04 min
Lab File: BP002466.D
Acq: 19 Jun 2020 19:25

Tgt Ion	88	Resp	17909
Ion Ratio	Lower	Upper	
88	100		
58	0.0	58.2	87.4#
43	15.0	21.8	32.8#





#5

2-Fluorophenol

Concen: 80.137 ng

RT: 5.21 min Scan# 395

Delta R.T. 0.00 min

Lab File: BP002466.D

Acq: 19 Jun 2020 19:25

Instrument :

BNA_P

ClientSampleId :

177

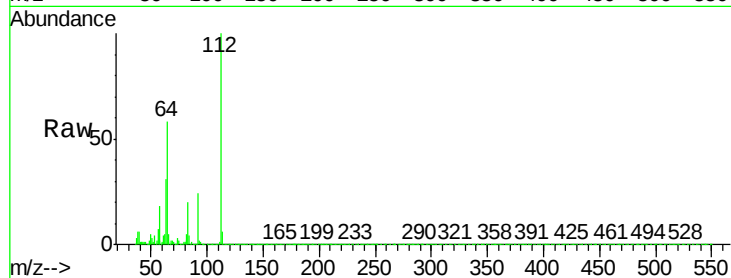
Tot Ion: 112 Resp: 726384

Ion Ratio Lower Upper

112 100

64 57.9 46.2 69.2

63 30.8 24.5 36.7



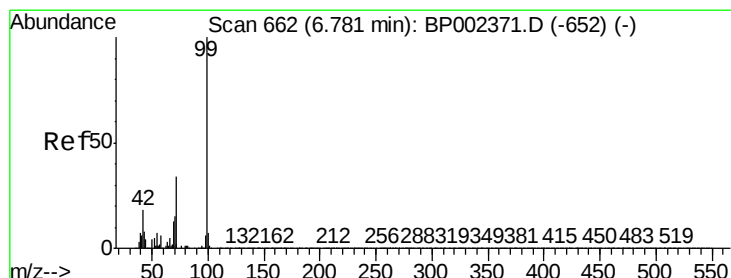
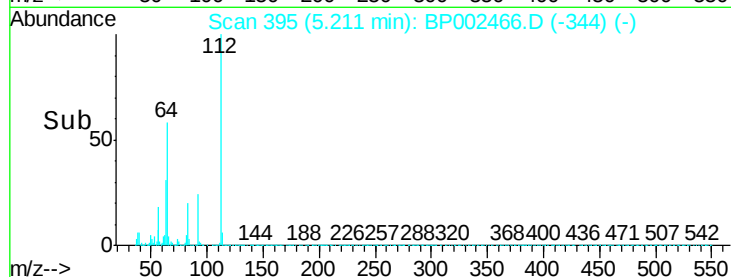
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0

5.21

Time-->



#7

Phenol-d6

Concen: 78.649 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002466.D

Acq: 19 Jun 2020 19:25

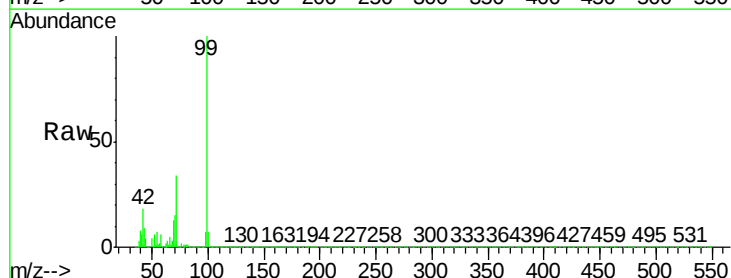
Tgt Ion: 99 Resp: 949141

Ion Ratio Lower Upper

99 100

42 18.1 14.6 22.0

71 33.8 27.2 40.8



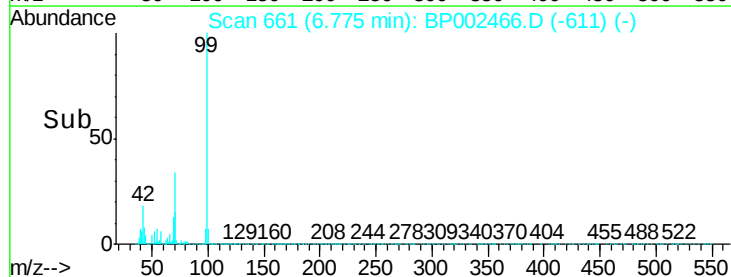
Abundance Ion 99.00 (98.70 to 99.70): BP0

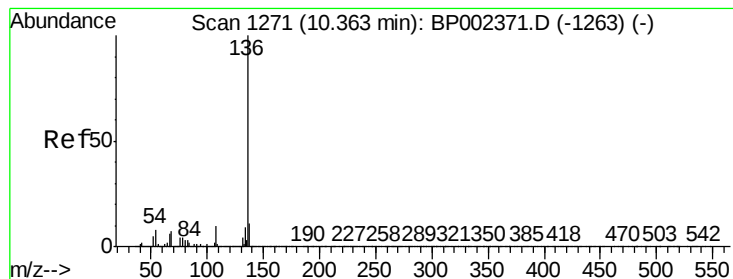
Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

6.78

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BP002466.D

Acq: 19 Jun 2020 19:25

Instrument :

BNA_P

ClientSampleId :

177

Tot Ion:136 Resp: 644952

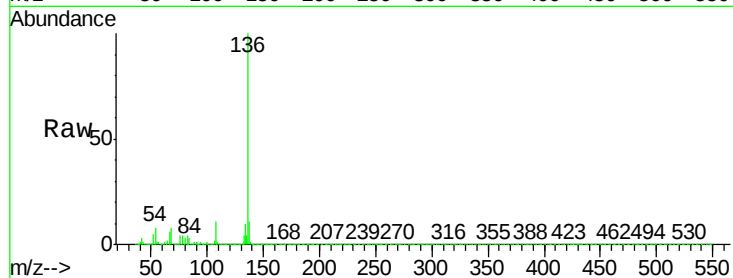
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.4	6.4	9.6
68	7.5	5.6	8.4

136 100

137 11.0 8.8 13.2

54 8.4 6.4 9.6

68 7.5 5.6 8.4

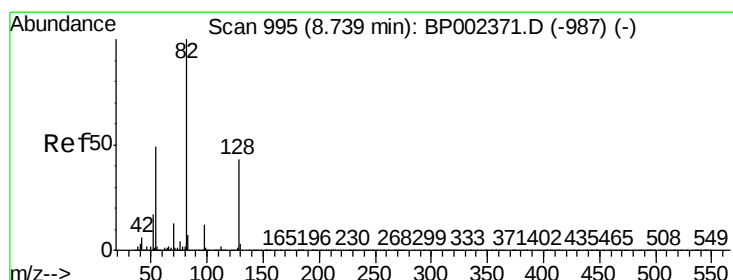
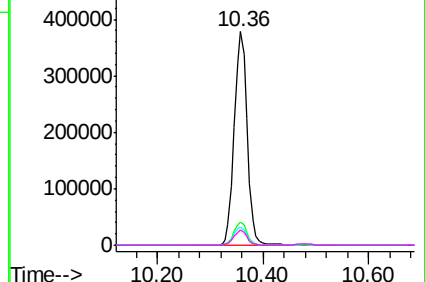
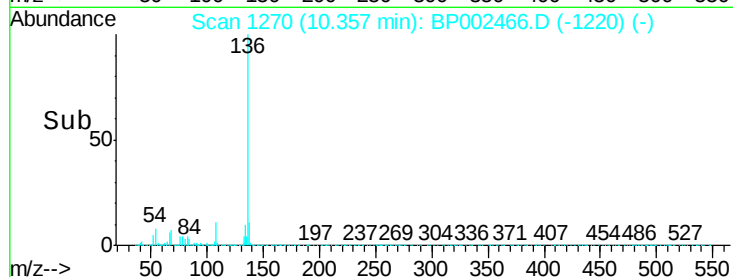


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.873 ng

RT: 8.73 min Scan# 993

Delta R.T. -0.01 min

Lab File: BP002466.D

Acq: 19 Jun 2020 19:25

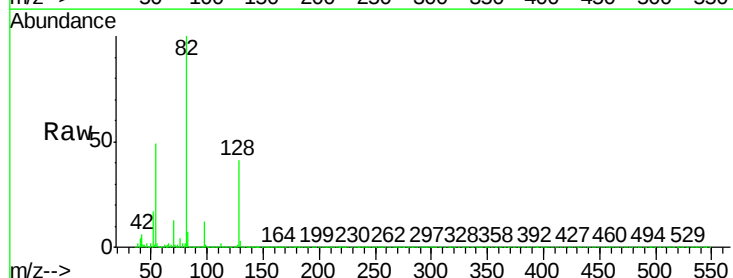
Tgt Ion: 82 Resp: 614217

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.5	51.7
54	48.7	39.4	59.2

82 100

128 40.6 34.5 51.7

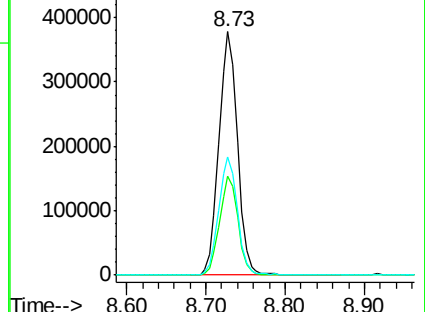
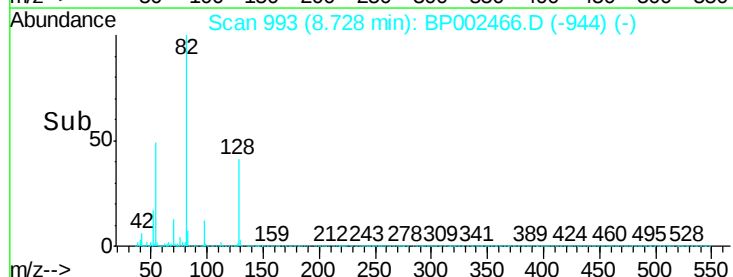
54 48.7 39.4 59.2

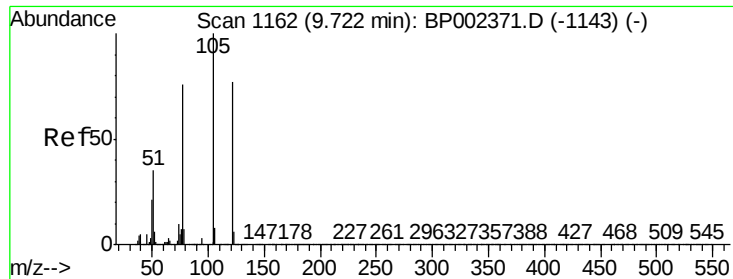


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

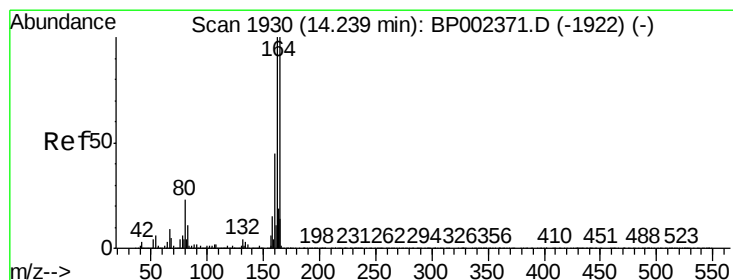
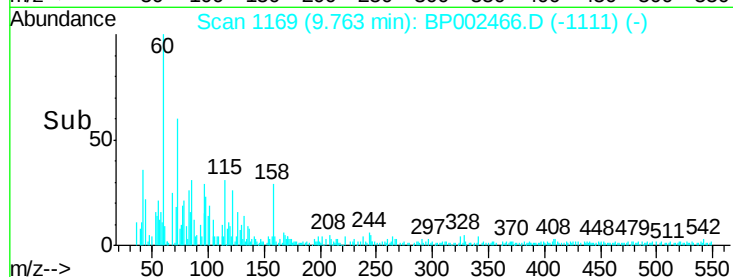
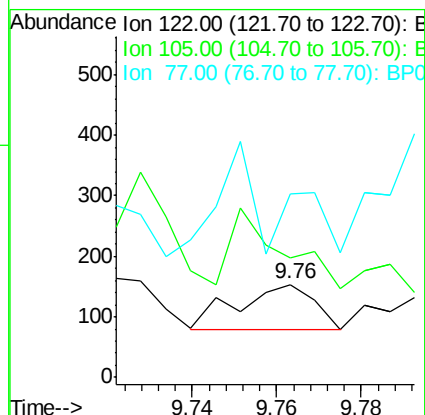
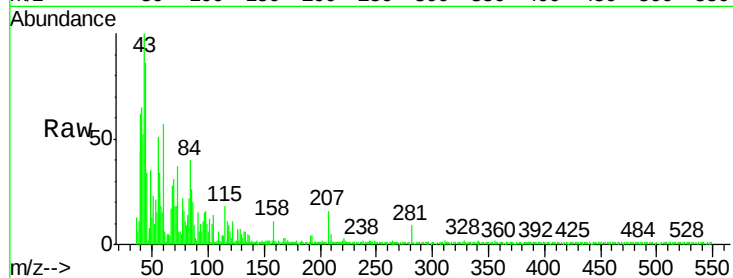




#32
Benzoic acid
Concen: 4.612 ng
RT: 9.76 min Scan# 1169
Delta R.T. 0.04 min
Lab File: BP002466.D
Acq: 19 Jun 2020 19:25

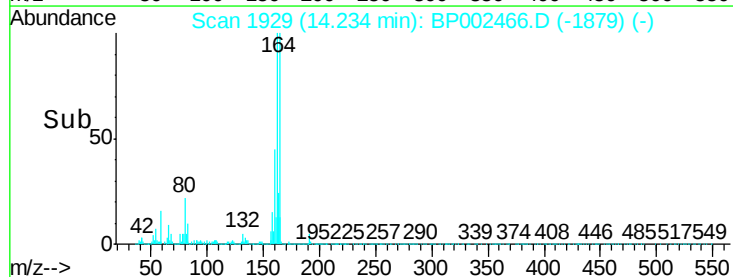
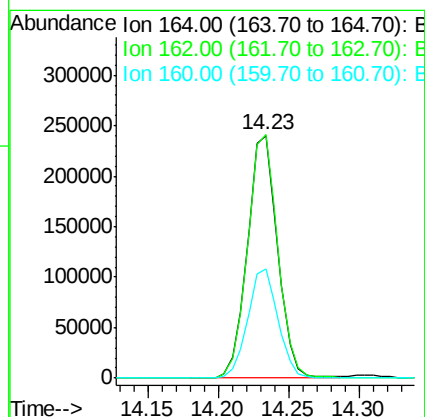
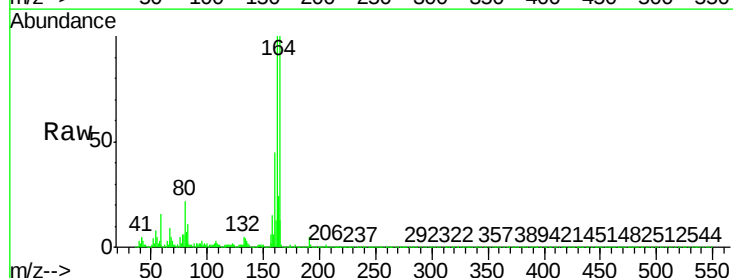
Instrument :
BNA_P
ClientSampleId :
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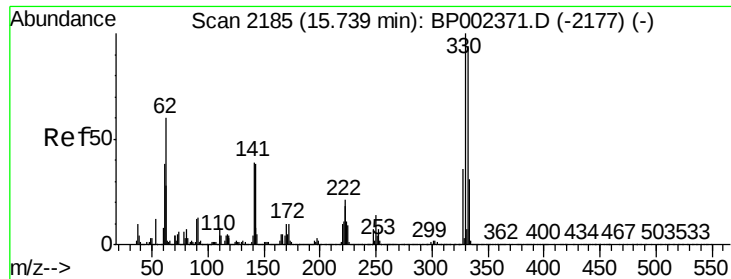
Tot Ion:122 Resp: 93
Ion Ratio Lower Upper
122 100
105 128.6 106.3 146.3
77 196.8 77.5 117.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002466.D
Acq: 19 Jun 2020 19:25

Tgt Ion:164 Resp: 359743
Ion Ratio Lower Upper
164 100
162 100.3 79.8 119.8
160 45.2 36.2 54.2

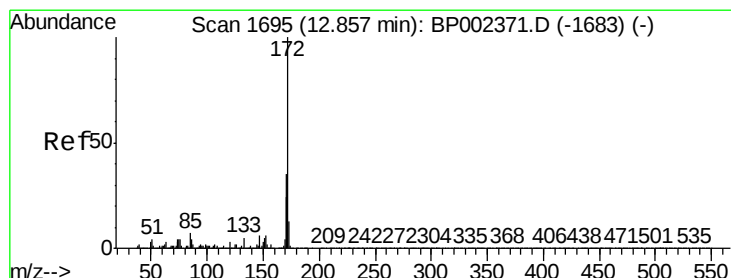
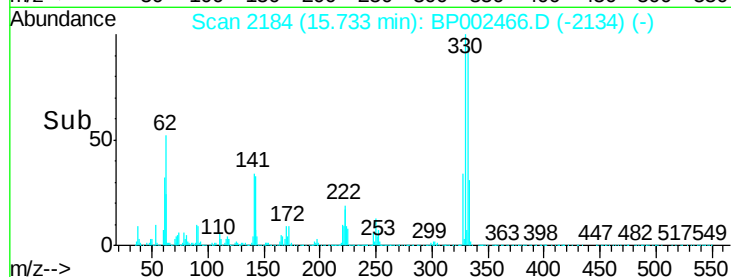
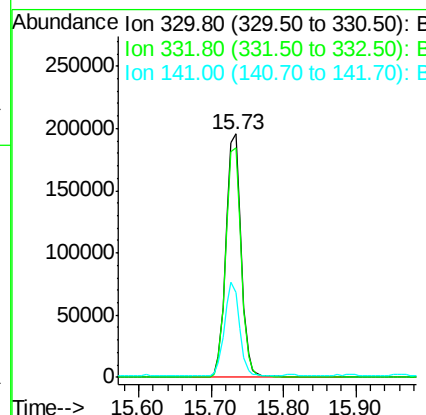
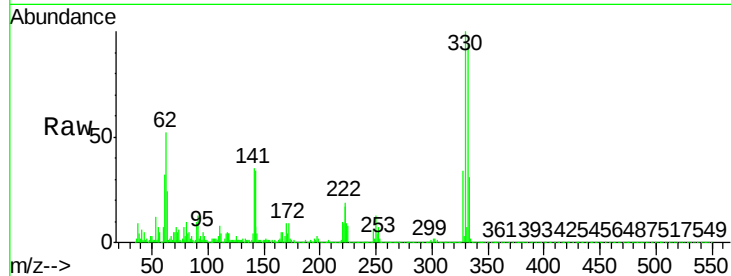




#42
 2,4,6-Tribromophenol
 Concen: 83.258 ng
 RT: 15.73 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BP002466.D
 Acq: 19 Jun 2020 19:25

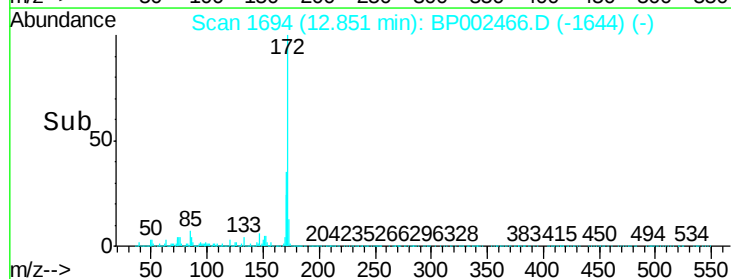
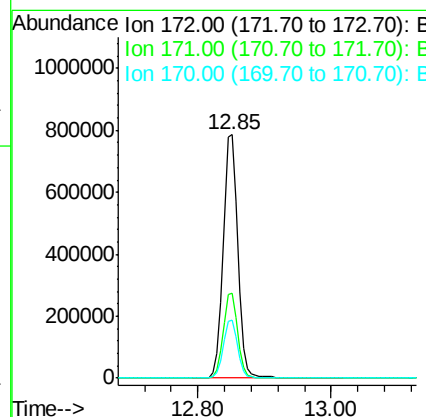
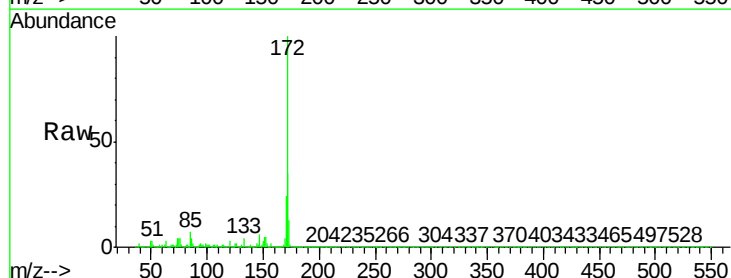
Instrument :
 BNA_P
 ClientSampleId :
 177

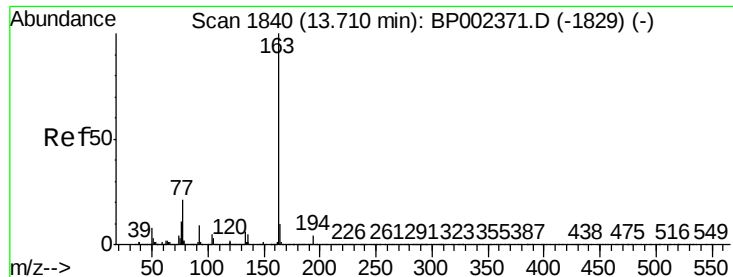
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	38.3	30.3	45.5



#45
 2-Fluorobiphenyl
 Concen: 57.179 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BP002466.D
 Acq: 19 Jun 2020 19:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.8
170	24.0	19.0	28.6





#50

Dimethylphthalate

Concen: 6.451 ng

RT: 13.69 min Scan# 1837

Delta R.T. -0.02 min

Lab File: BP002466.D

Acq: 19 Jun 2020 19:25

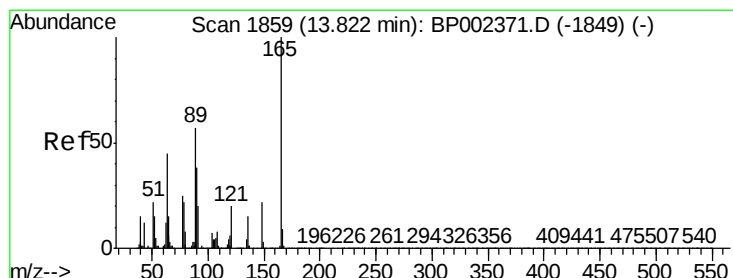
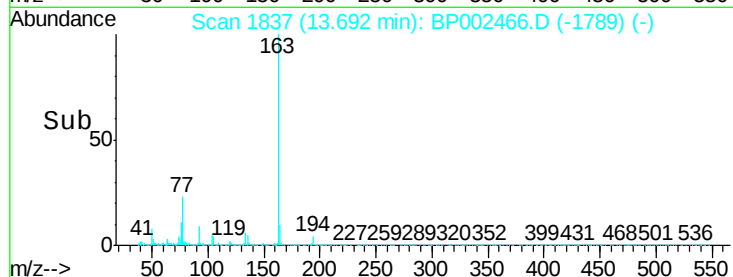
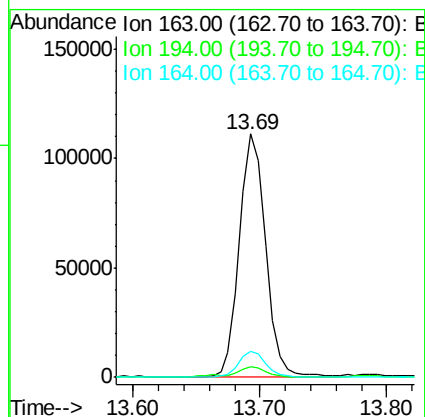
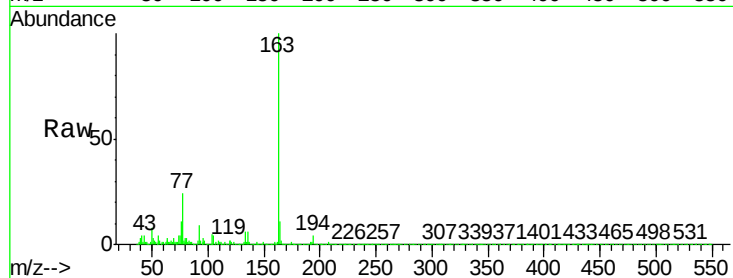
Instrument :

BNA_P

ClientSampleId :

177

Tot Ion:163	Resp:	159020
Ion Ratio	Lower	Upper
163	100	
194	4.3	3.4 5.0
164	10.5	8.1 12.1



#51

2,6-Dinitrotoluene

Concen: 2.629 ng

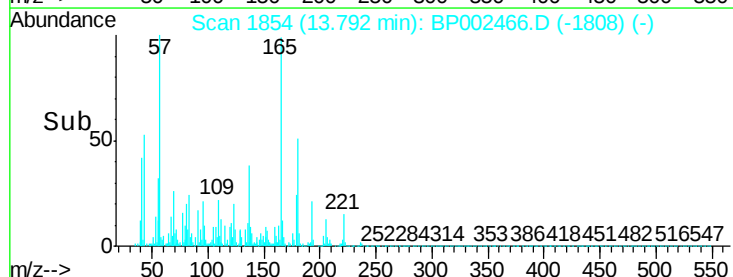
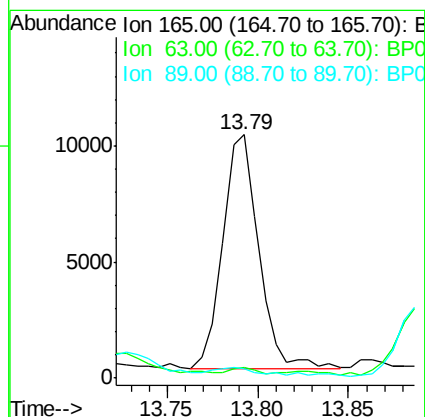
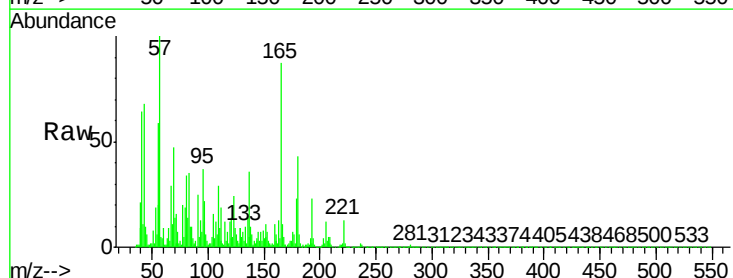
RT: 13.79 min Scan# 1854

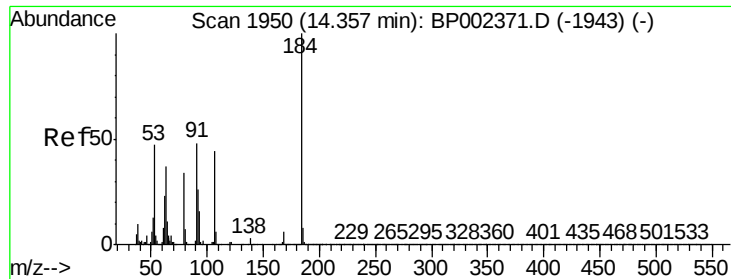
Delta R.T. -0.03 min

Lab File: BP002466.D

Acq: 19 Jun 2020 19:25

Tgt Ion:165	Resp:	14076
Ion Ratio	Lower	Upper
165	100	
63	4.2	43.1 64.7#
89	3.9	45.3 67.9#

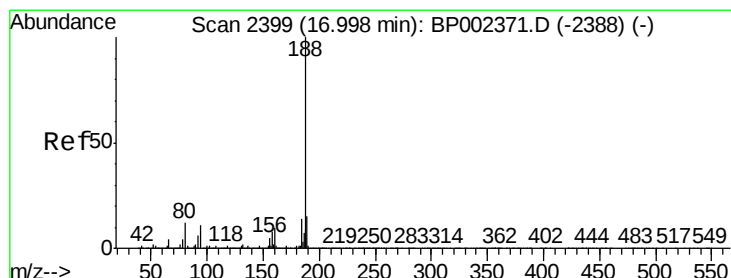
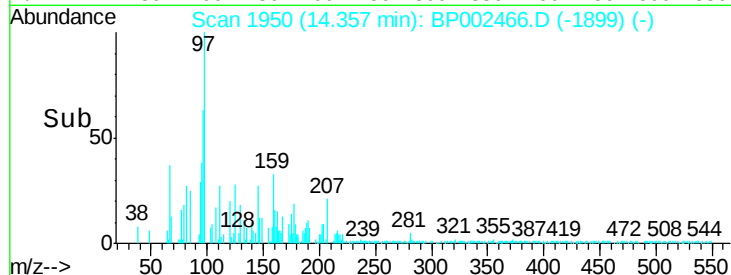
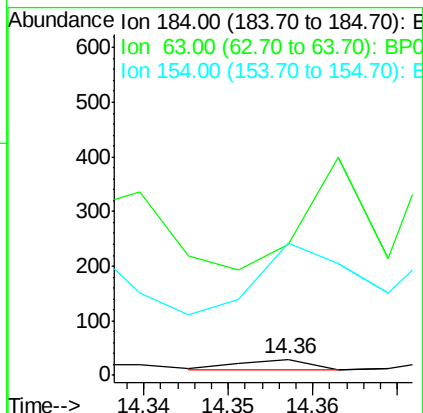
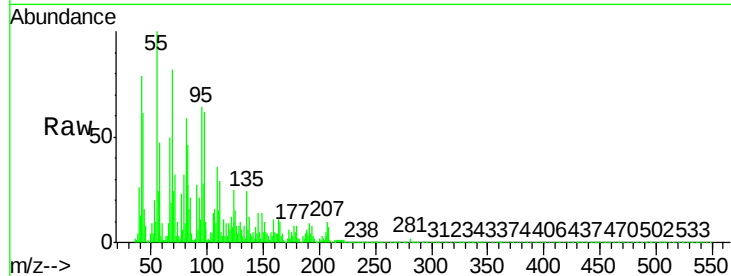




#54
2,4-Dinitrophenol
Concen: 2.789 ng
RT: 14.36 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BP002466.D
Acq: 19 Jun 2020 19:25

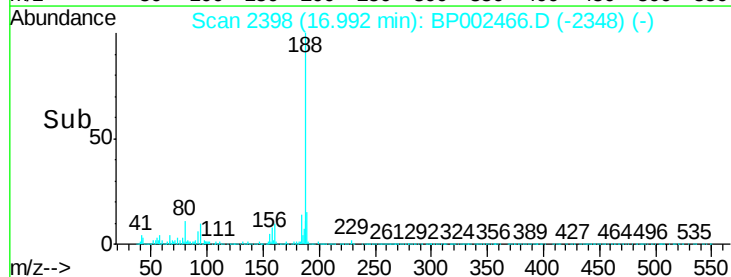
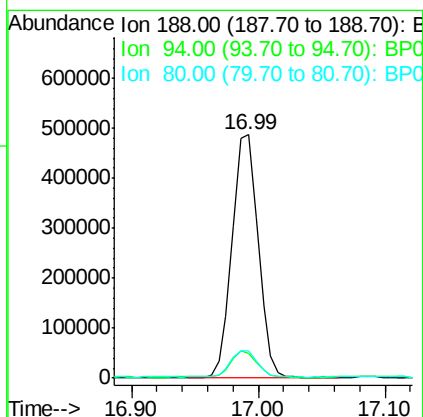
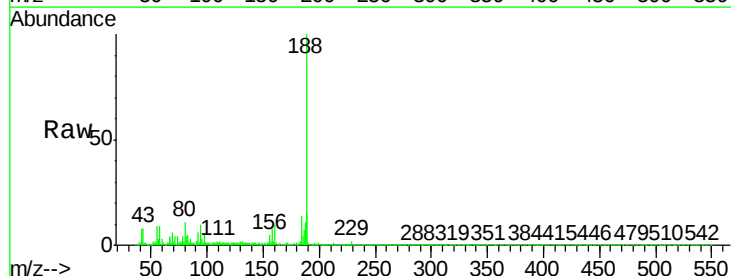
Instrument :
BNA_P
ClientSampleId :
177

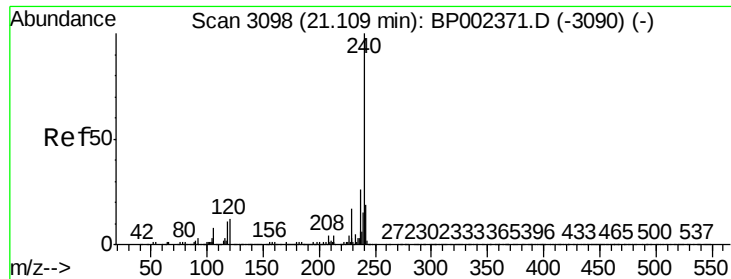
Tot Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 800.0 52.3 78.5#
154 810.0 48.6 72.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002466.D
Acq: 19 Jun 2020 19:25

Tgt Ion:188 Resp: 695309
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.2 9.4 14.0

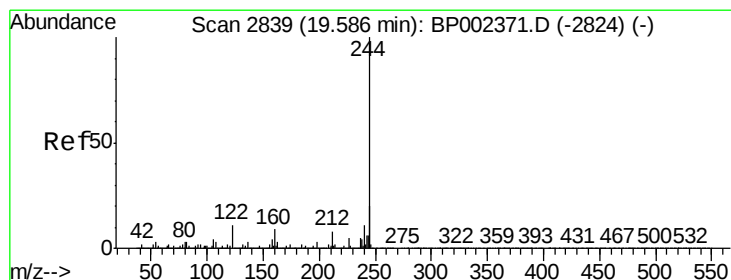
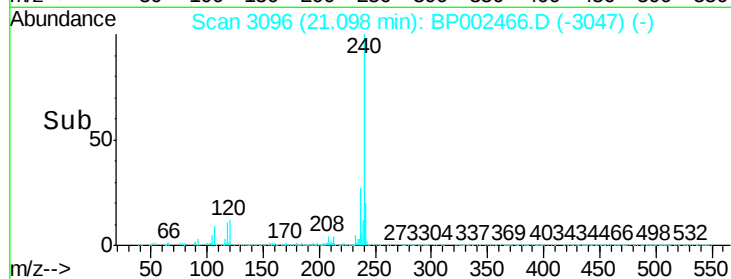
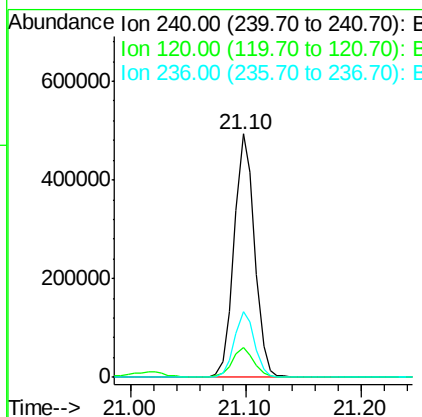
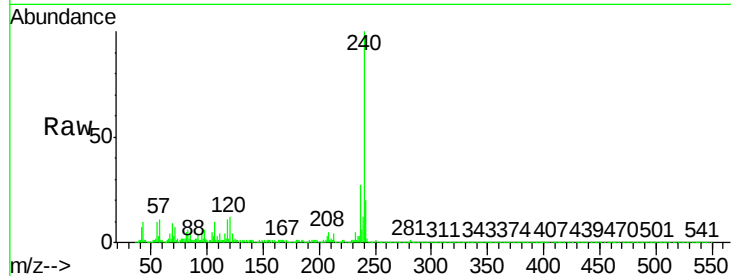




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BP002466.D
Acq: 19 Jun 2020 19:25

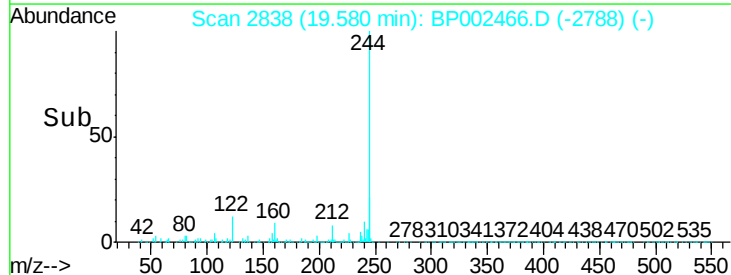
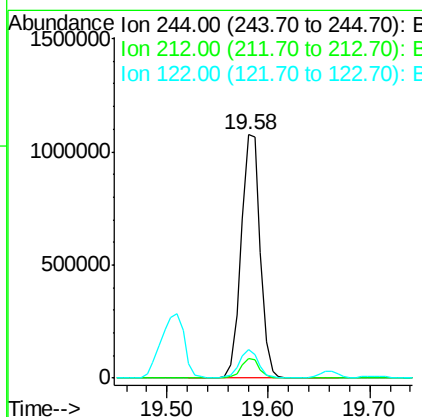
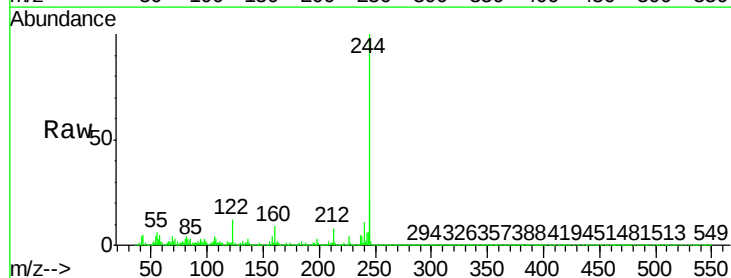
Instrument :
BNA_P
ClientSampleId :
177

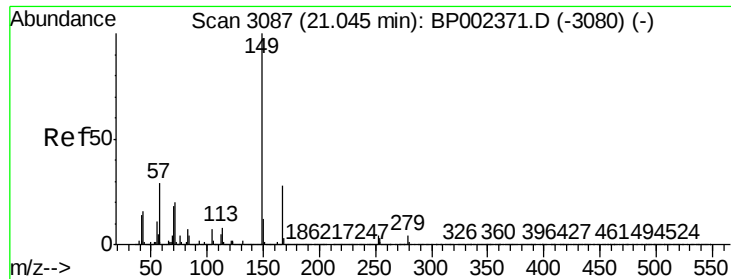
Tot Ion:240 Resp: 604929
Ion Ratio Lower Upper
240 100
120 12.5 9.3 13.9
236 27.0 21.0 31.6



#79
Terphenyl-d14
Concen: 46.976 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002466.D
Acq: 19 Jun 2020 19:25

Tgt Ion:244 Resp: 1397841
Ion Ratio Lower Upper
244 100
212 7.9 6.6 10.0
122 11.9 8.8 13.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 27.182 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BP002466.D

Acq: 19 Jun 2020 19:25

Instrument :

BNA_P

ClientSampleId :

177

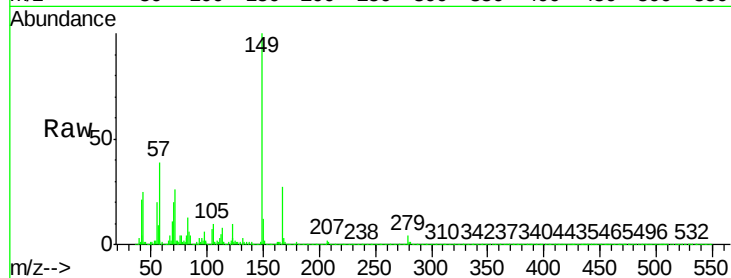
Tot Ion:149 Resp: 651285

Ion Ratio Lower Upper

149 100

167 27.3 22.3 33.5

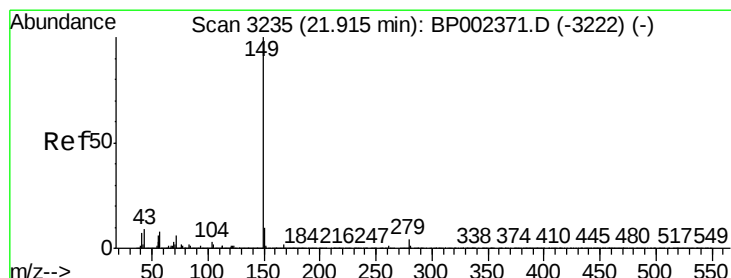
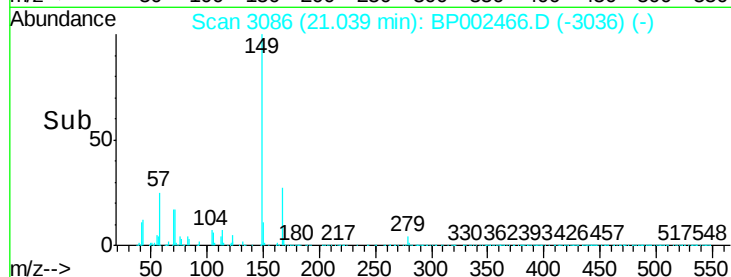
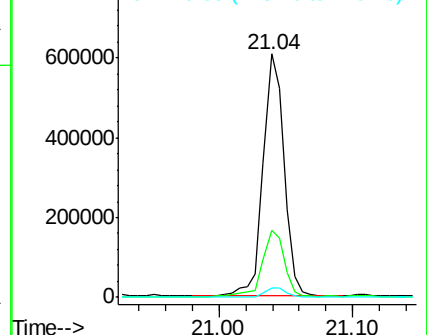
279 3.8 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 20.917 ng

RT: 21.96 min Scan# 3243

Delta R.T. 0.05 min

Lab File: BP002466.D

Acq: 19 Jun 2020 19:25

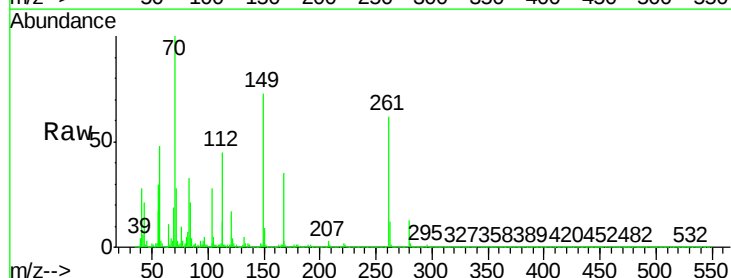
Tgt Ion:149 Resp: 879040

Ion Ratio Lower Upper

149 100

167 49.3 1.3 1.9#

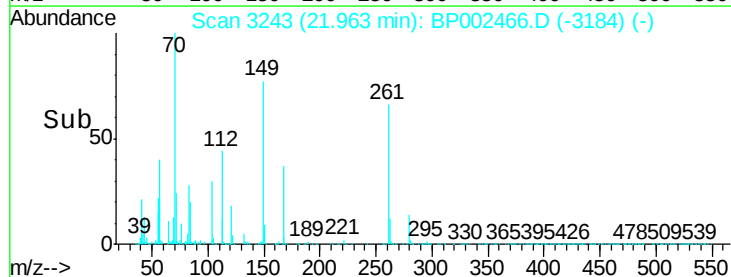
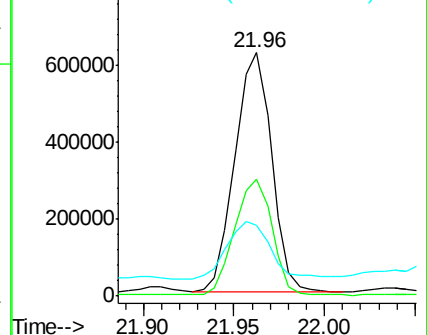
43 28.2 7.8 11.6#

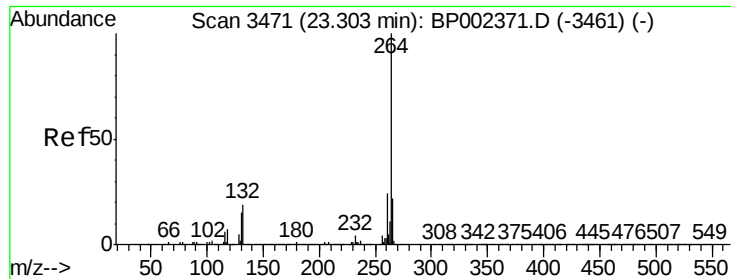


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0

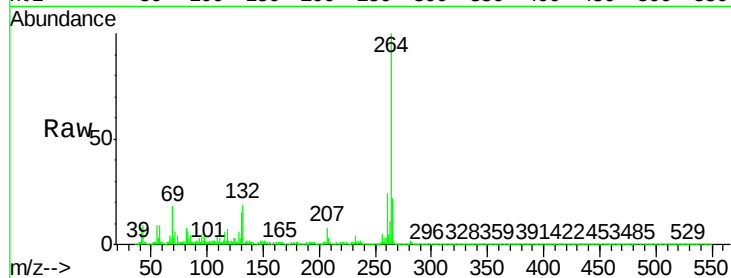




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BP002466.D
Acq: 19 Jun 2020 19:25

Instrument :
BNA_P
ClientSampleId :
177

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	22.0	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

