

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061720\
 Data File : BP002427.D
 Acq On : 17 Jun 2020 19:43
 Operator : CG/JU
 Sample : L3022-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HLP-B

Quant Time: Jun 18 00:49:29 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

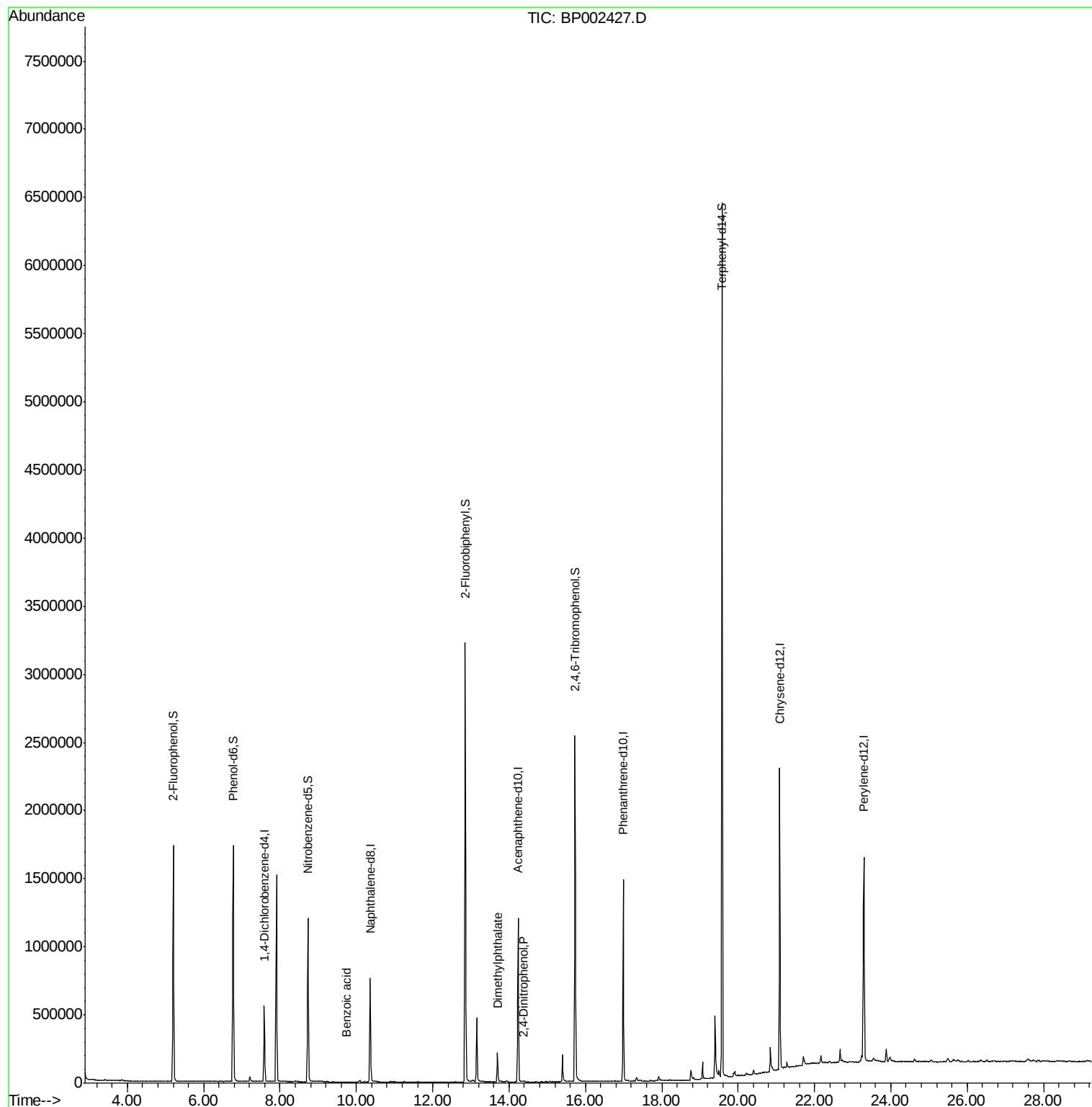
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	143377	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	637940	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	405849	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	916174	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1016521	20.00	ng	-0.02
86) Perylene-d12	23.29	264	1087756	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	741737	95.73	ng	0.00
7) Phenol-d6	6.77	99	1027861	99.64	ng	0.00
23) Nitrobenzene-d5	8.73	82	712914	66.74	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	485679	124.99	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1749698	72.49	ng	0.00
79) Terphenyl-d14	19.58	244	3019009	72.14	ng	0.00
Target Compounds						
9) Benzaldehyde	6.77	77	1813	Below Cal	#	6
32) Benzoic acid	9.73	122	55	4.607 ng	#	41
50) Dimethylphthalate	13.70	163	149382	5.372 ng	#	99
54) 2,4-Dinitrophenol	14.37	184	8	2.788 ng	#	1
61) 4-Chlorophenyl-phenylether	15.30	204	22	Below Cal	#	9

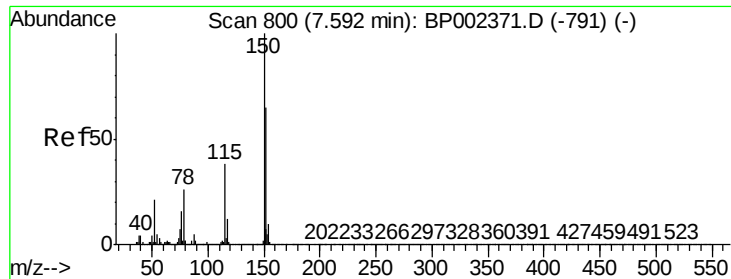
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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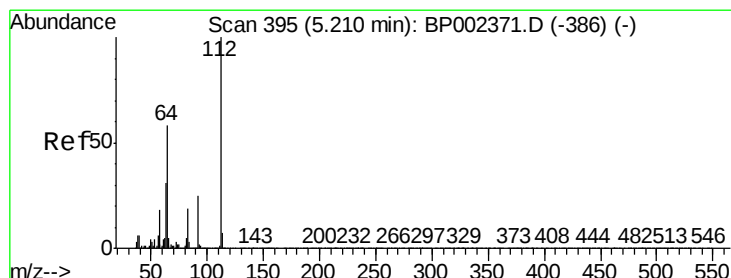
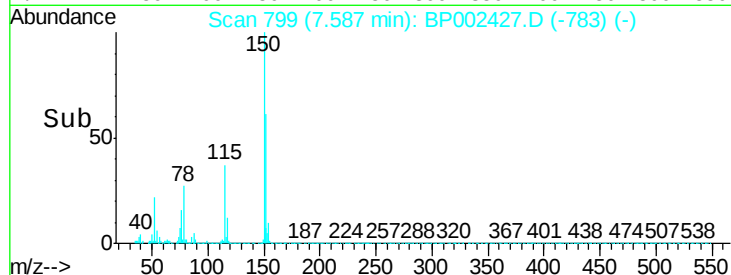
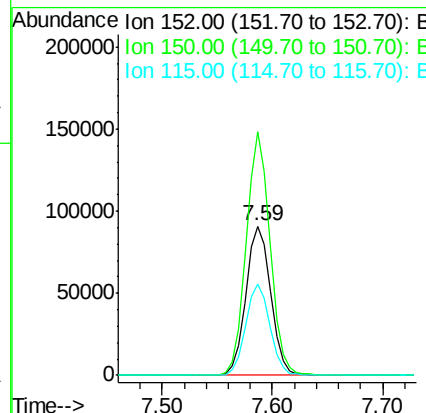
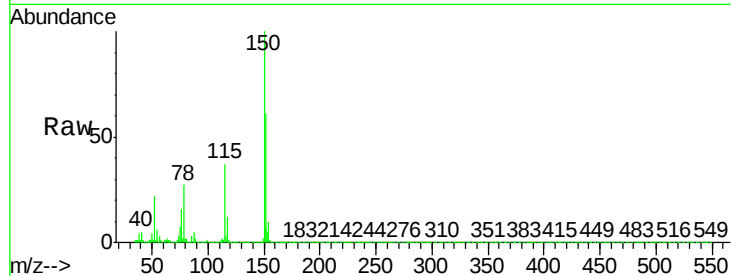


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002427.D
Acq: 17 Jun 2020 19:43

Instrument :
BNA_P
ClientSampleId :
HLP-B

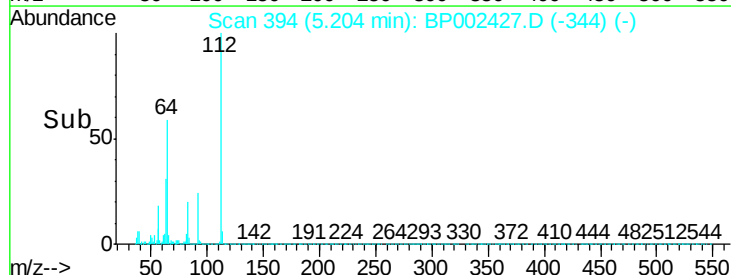
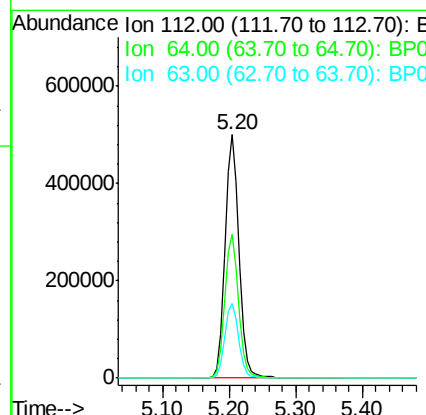
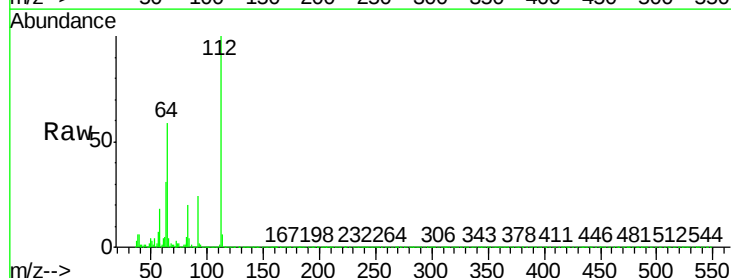
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.4	124.0	186.0
115	60.8	47.4	71.0

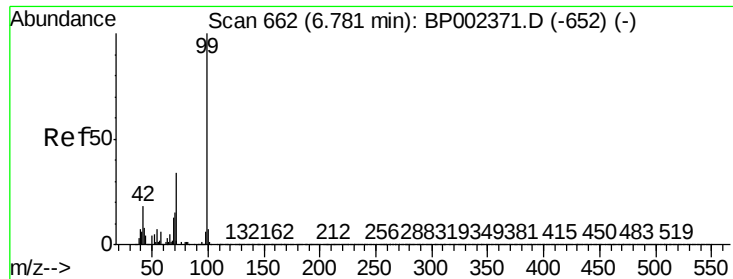


#5

2-Fluorophenol
Concen: 95.728 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002427.D
Acq: 17 Jun 2020 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.2	69.2
63	30.9	24.5	36.7





#7

Phenol-d6

Concen: 99.636 ng

RT: 6.77 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002427.D

Acq: 17 Jun 2020 19:43

Instrument :

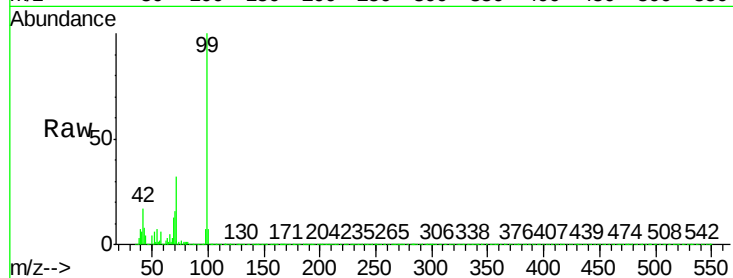
BNA_P

ClientSampleId :

HLP-B

Tot Ion: 99 Resp: 1027861

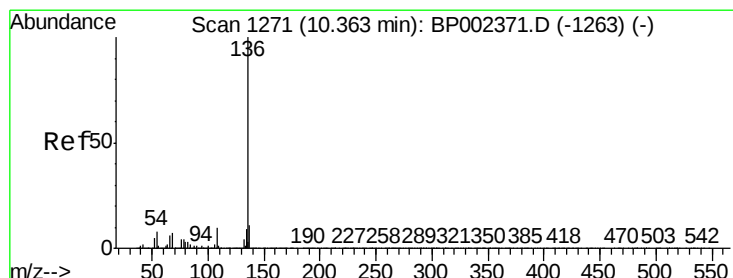
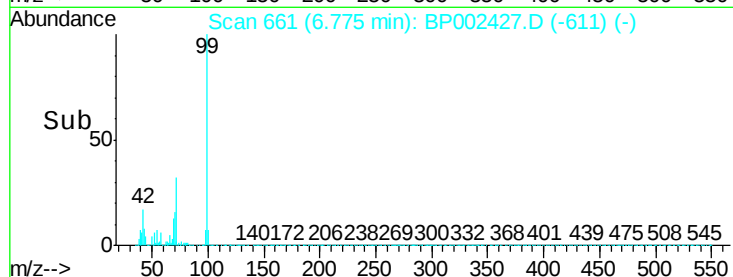
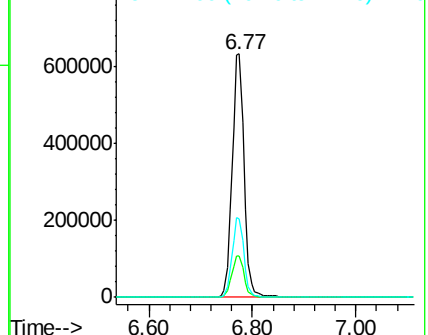
Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.6	22.0
71	32.4	27.2	40.8



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

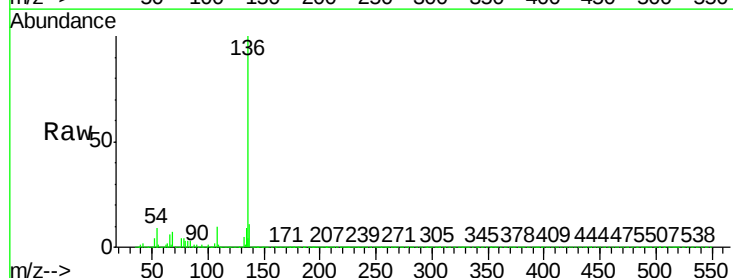
Delta R.T. -0.01 min

Lab File: BP002427.D

Acq: 17 Jun 2020 19:43

Tgt Ion: 136 Resp: 637940

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.7	6.4	9.6
68	7.0	5.6	8.4

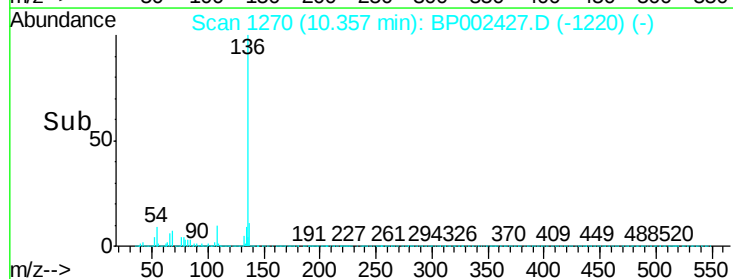
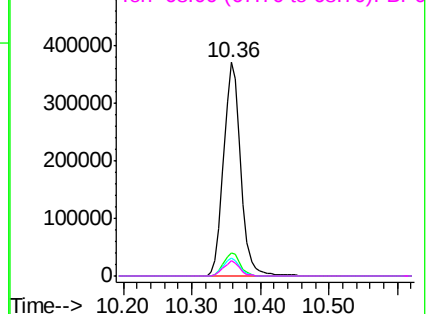


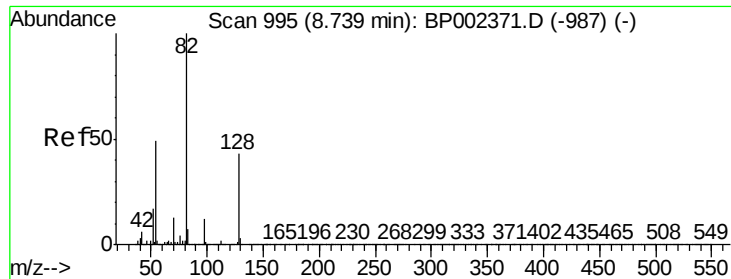
Abundance Ion 136.00 (135.70 to 136.70): E

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

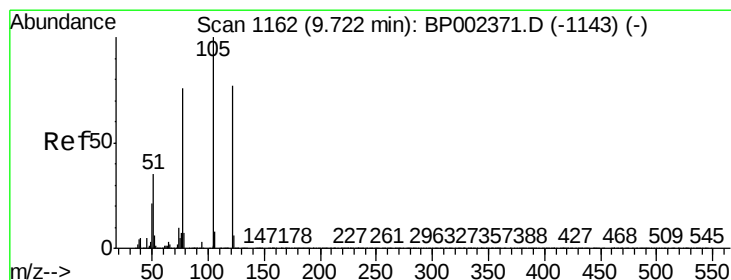
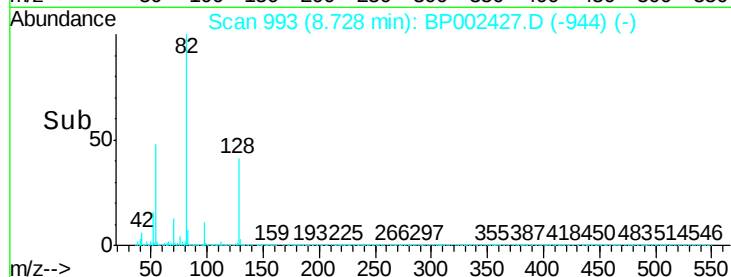
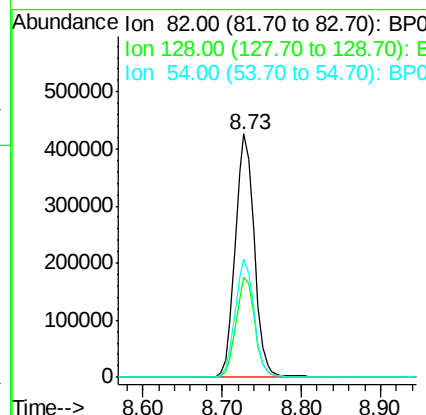
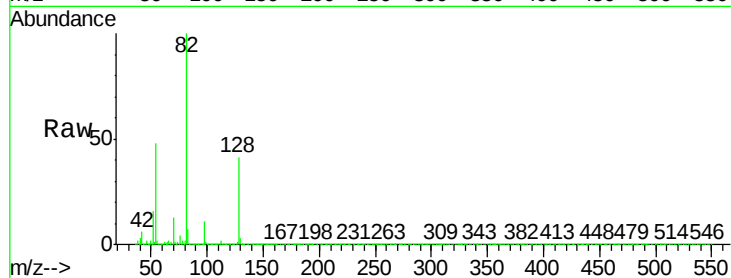




#23
Nitrobenzene-d5
Concen: 66.737 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002427.D
Acq: 17 Jun 2020 19:43

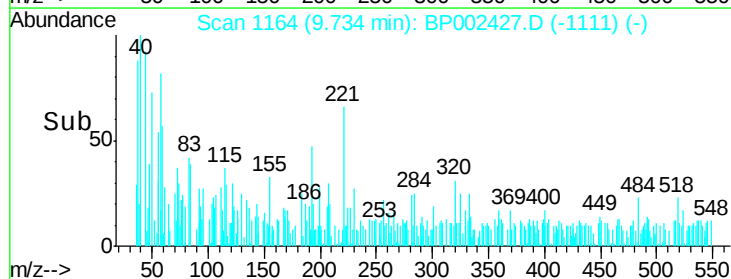
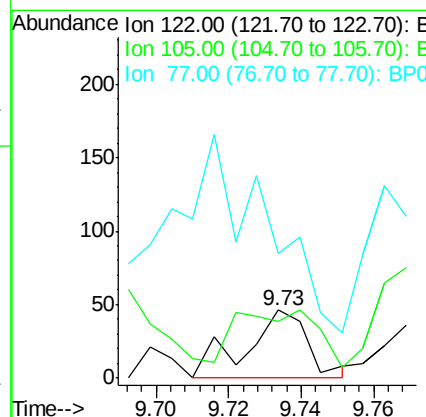
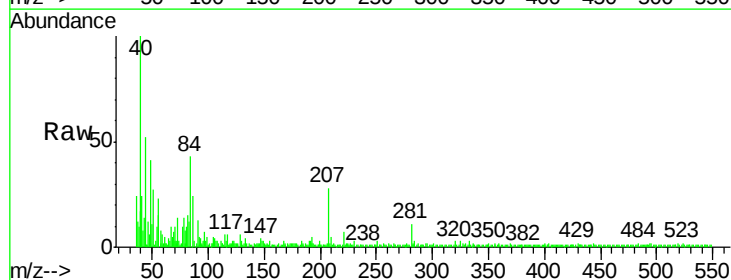
Instrument :
BNA_P
ClientSampleId :
HLP-B

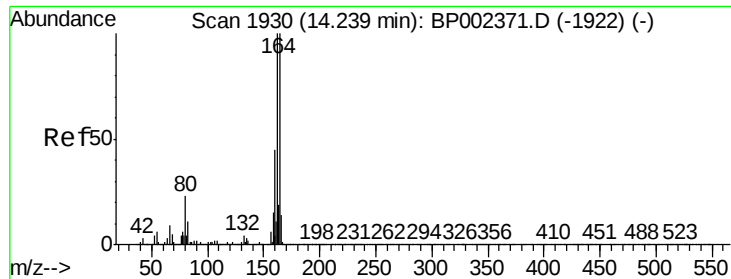
Tot Ion	82	Resp	712914
Ion Ratio	Lower	Upper	
82	100		
128	41.2	34.5	51.7
54	48.5	39.4	59.2



#32
Benzoic acid
Concen: 4.607 ng
RT: 9.73 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BP002427.D
Acq: 17 Jun 2020 19:43

Tgt Ion	122	Resp	55
Ion Ratio	Lower	Upper	
122	100		
105	84.8	106.3	146.3#
77	184.8	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: BP002427.D

Acq: 17 Jun 2020 19:43

Instrument :

BNA_P

ClientSampleId :

HLP-B

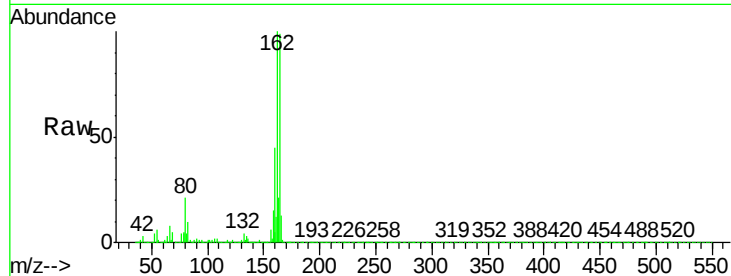
Tot Ion:164 Resp: 405849

Ion Ratio Lower Upper

164 100

162 101.5 79.8 119.8

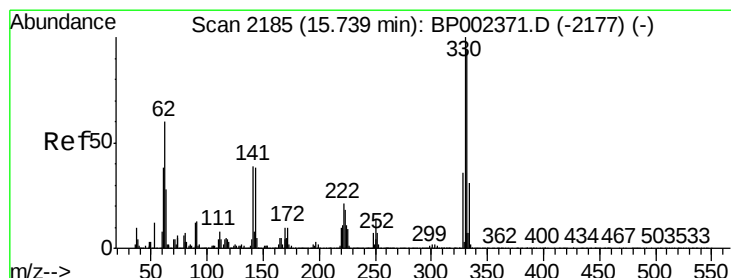
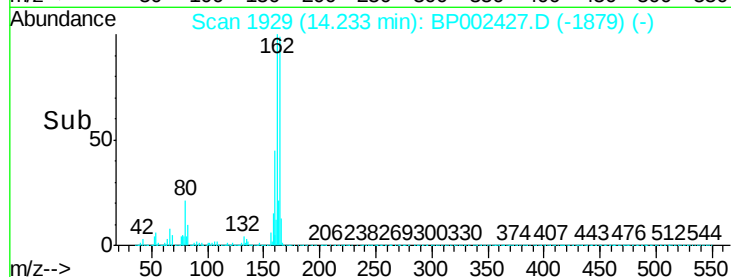
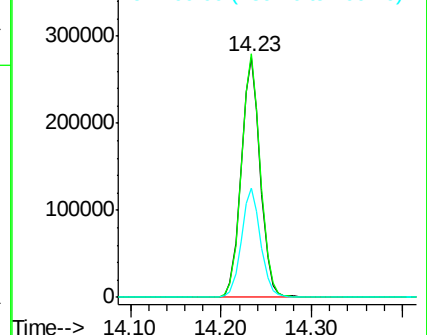
160 45.3 36.2 54.2



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: 124.991 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002427.D

Acq: 17 Jun 2020 19:43

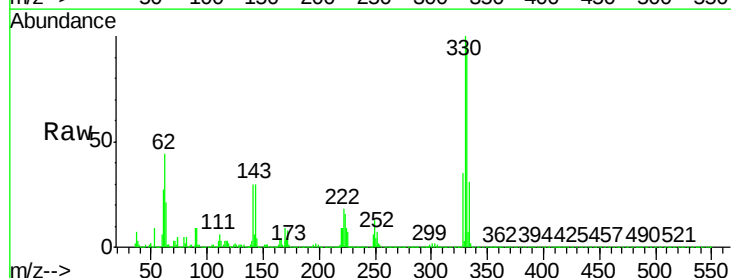
Tgt Ion:330 Resp: 485679

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

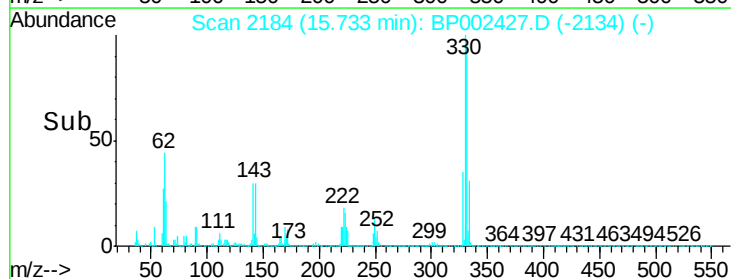
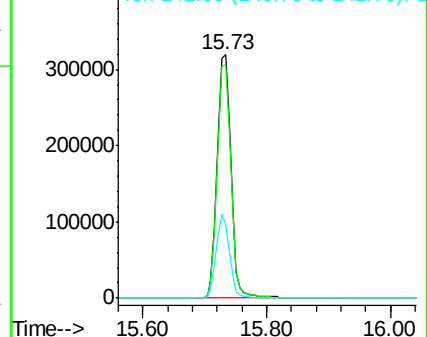
141 32.9 30.3 45.5

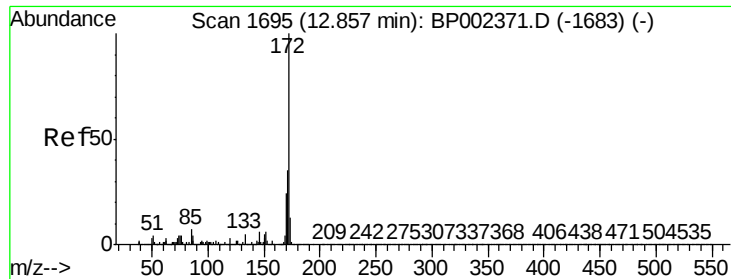


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

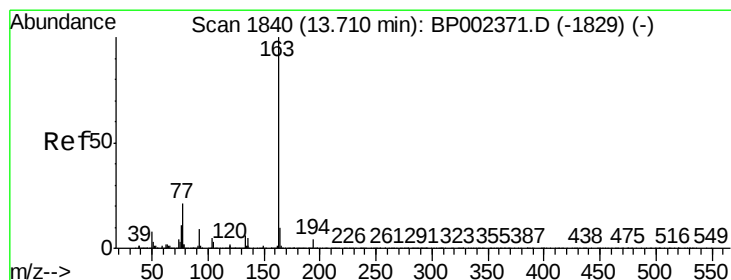
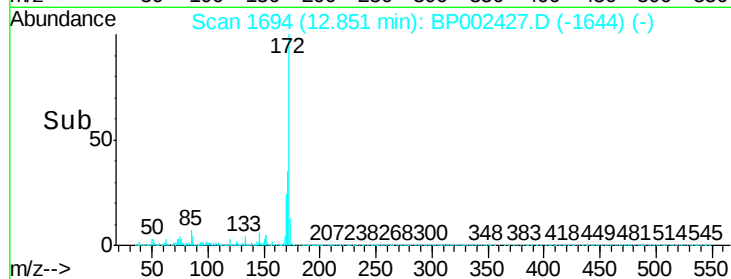
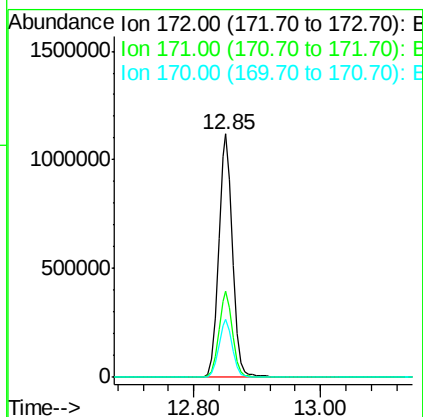
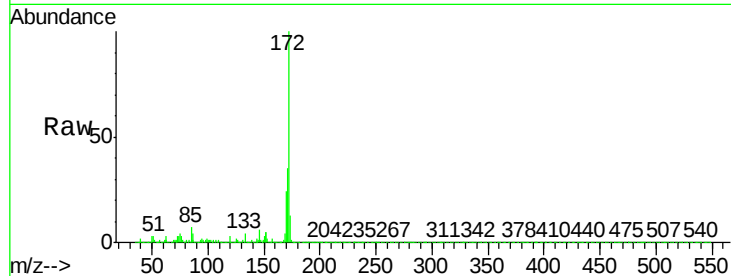




#45
2-Fluorobiphenyl
Concen: 72.489 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002427.D
Acq: 17 Jun 2020 19:43

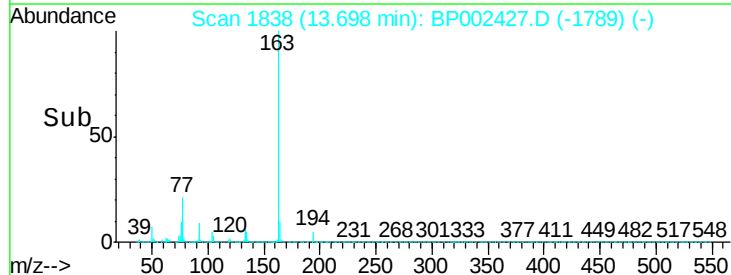
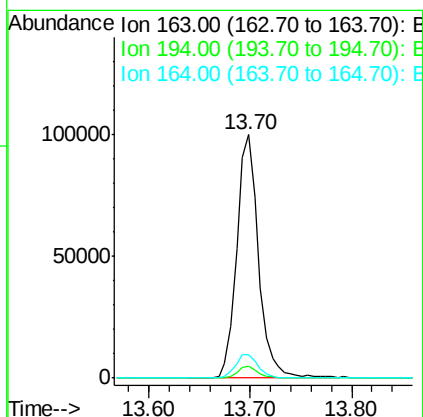
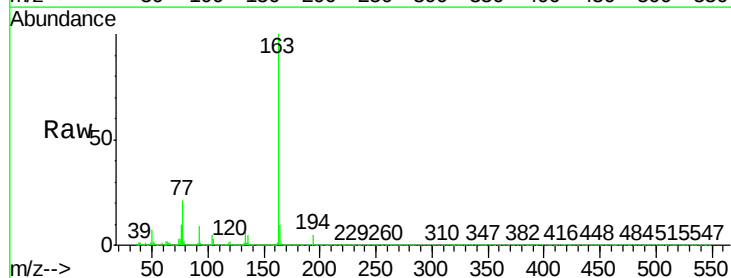
Instrument :
BNA_P
ClientSampleId :
HLP-B

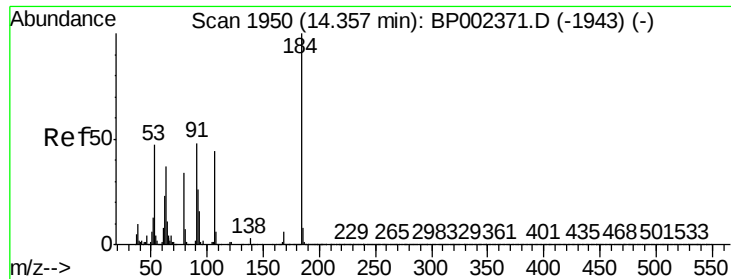
Tot Ion:172 Resp: 1749698
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.9 19.0 28.6



#50
Dimethylphthalate
Concen: 5.372 ng
RT: 13.70 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BP002427.D
Acq: 17 Jun 2020 19:43

Tgt Ion:163 Resp: 149382
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.0
164 9.8 8.1 12.1

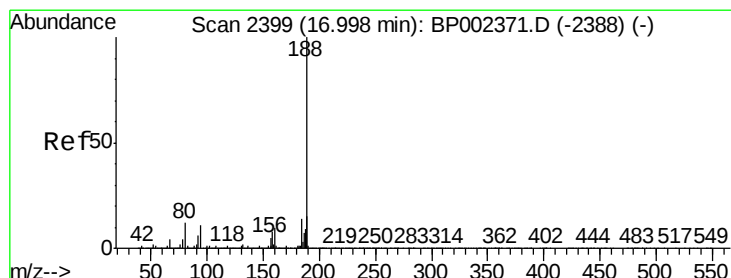
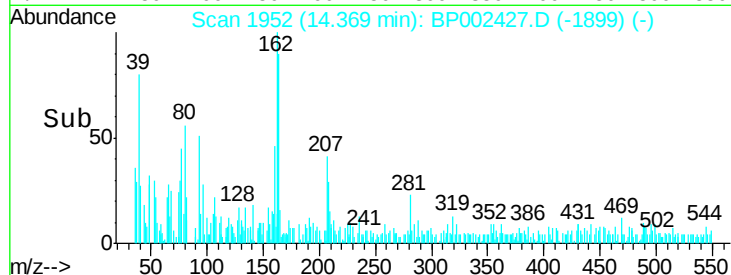
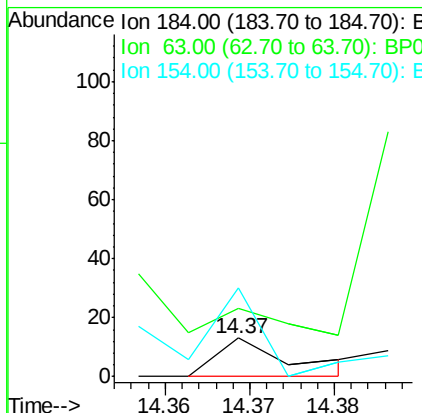
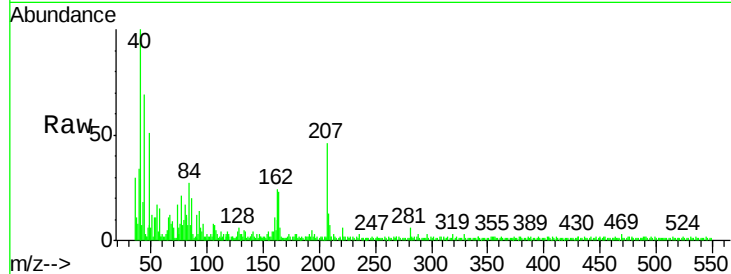




#54
 2,4-Dinitrophenol
 Concen: 2.788 ng
 RT: 14.37 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: BP002427.D
 Acq: 17 Jun 2020 19:43

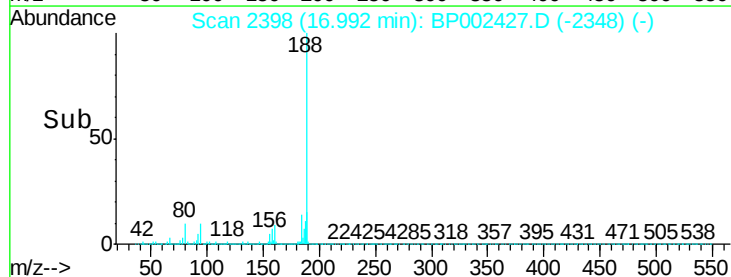
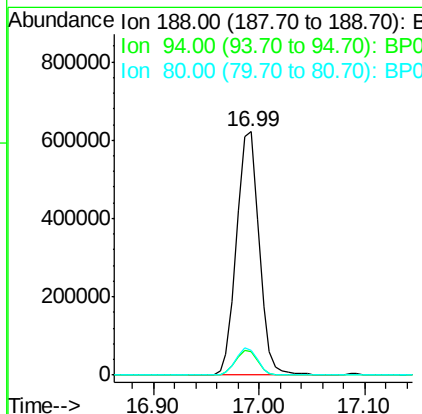
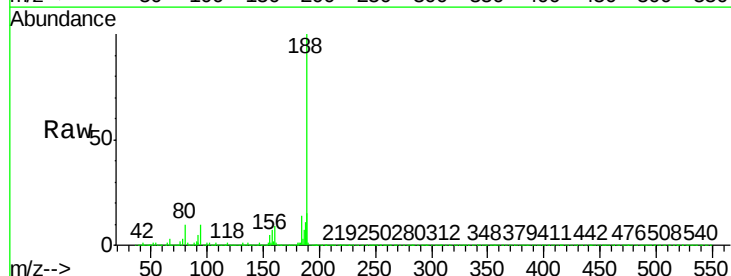
Instrument :
 BNA_P
 ClientSampled :
 HLP-B

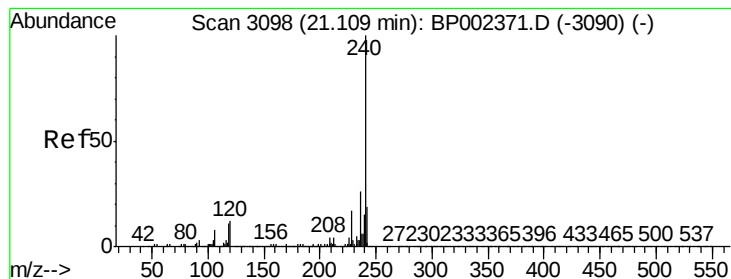
Tot Ion	Ratio	Lower	Upper
184	100		
63	176.9	52.3	78.5#
154	230.8	48.6	72.8#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.99 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BP002427.D
 Acq: 17 Jun 2020 19:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.0	9.4	14.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BP002427.D

Acq: 17 Jun 2020 19:43

Instrument :

BNA_P

ClientSampled :

HLP-B

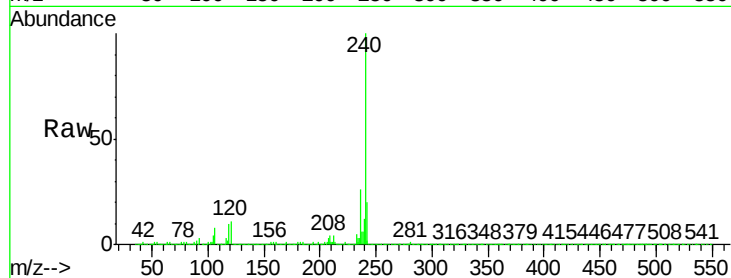
Tot Ion:240 Resp: 1016521

Ion Ratio Lower Upper

240 100

120 11.1 9.3 13.9

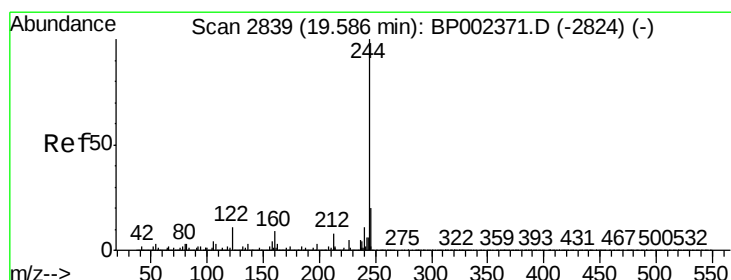
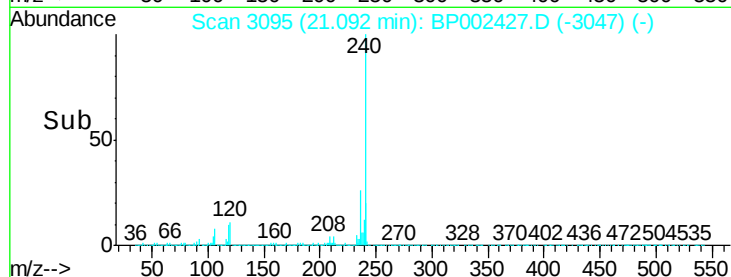
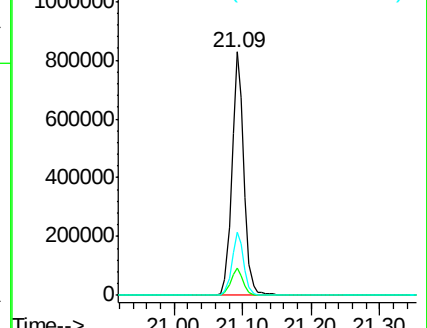
236 26.0 21.0 31.6



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: 72.137 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002427.D

Acq: 17 Jun 2020 19:43

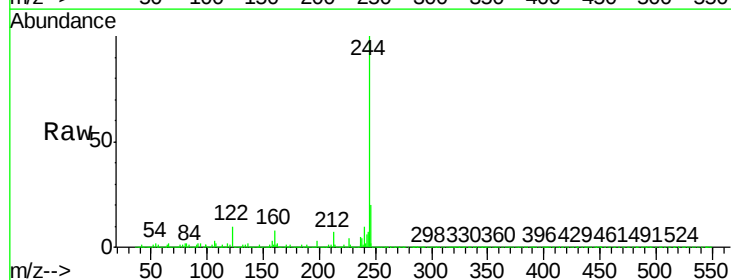
Tgt Ion:244 Resp: 3019009

Ion Ratio Lower Upper

244 100

212 7.4 6.6 10.0

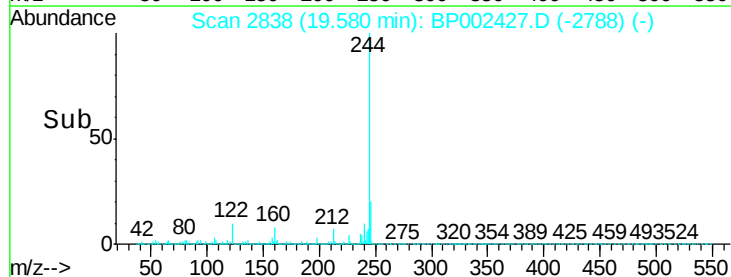
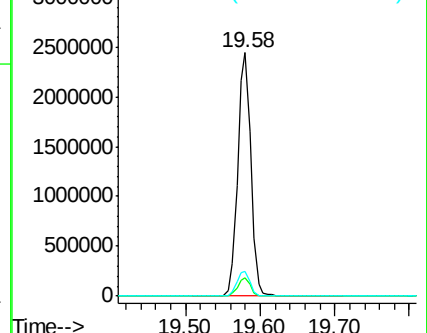
122 9.9 8.8 13.2

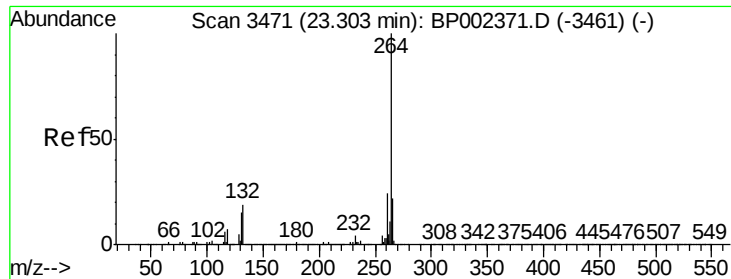


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



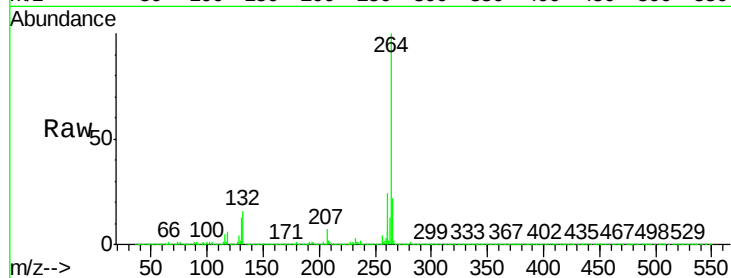


#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.29 min Scan# 3469
 Delta R.T. -0.01 min
 Lab File: BP002427.D
 Acq: 17 Jun 2020 19:43

Instrument :
 BNA_P
 ClientSampleId :
 HLP-B

Tot Ion:264 Resp: 1087756

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.7	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

