

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
 Data File : BP002464.D
 Acq On : 19 Jun 2020 18:17
 Operator : CG/JU
 Sample : L3051-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOX

Quant Time: Jun 20 02:23:21 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

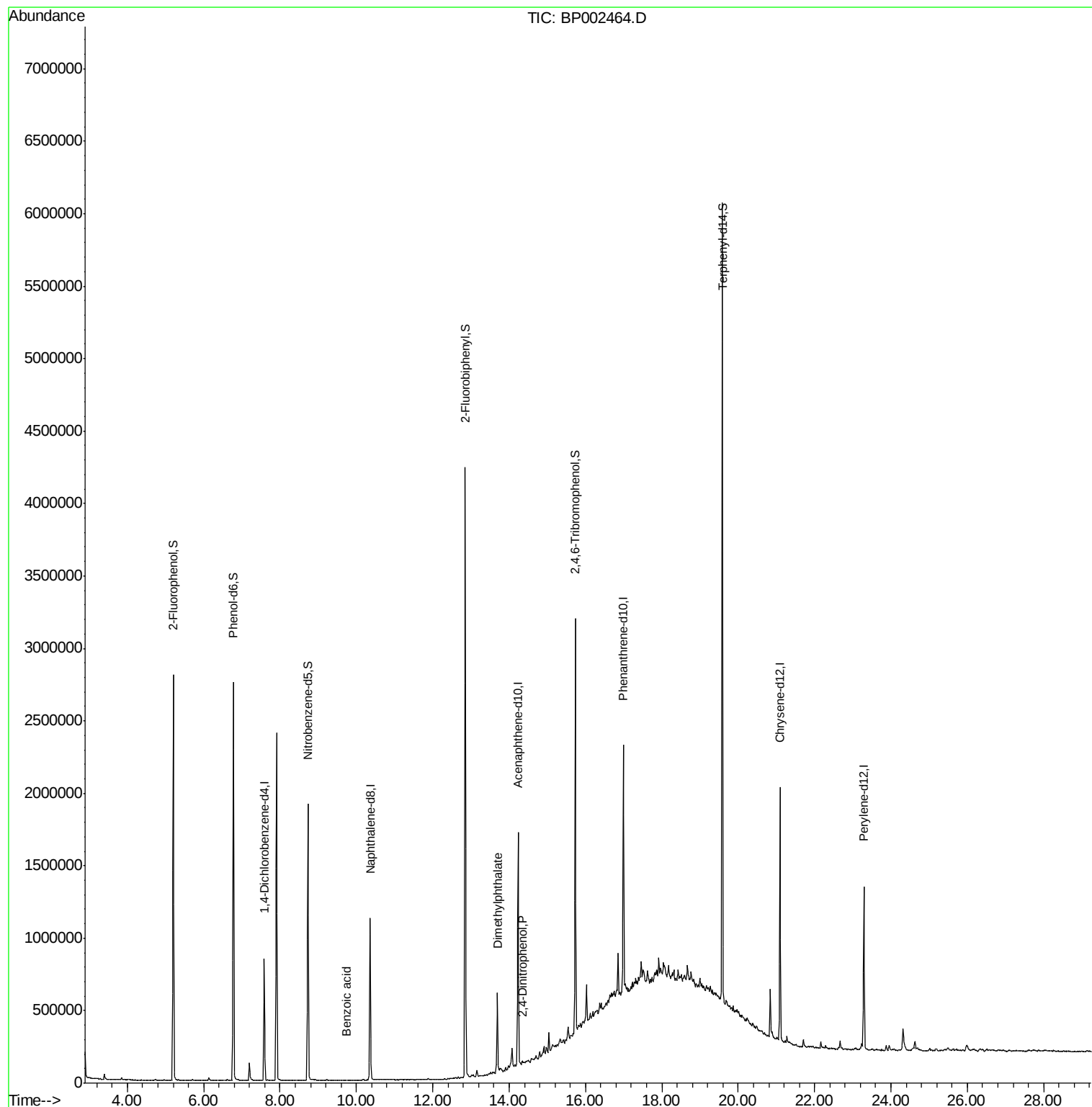
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	222311	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	892149	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	535703	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1042270	20.00	ng	0.00
76) Chrysene-d12	21.09	240	787819	20.00	ng	-0.02
86) Perylene-d12	23.29	264	774679	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1170672	97.44	ng	0.00
7) Phenol-d6	6.78	99	1561358	97.61	ng	0.00
23) Nitrobenzene-d5	8.73	82	1099209	73.58	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	530283	103.39	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2224346	69.82	ng	0.00
79) Terphenyl-d14	19.58	244	2626588	86.03	ng	0.00
Target Compounds						
9) Benzaldehyde	6.78	77	2831	Below Cal	#	5
32) Benzoic acid	9.73	122	17	4.601 ng	#	1
50) Dimethylphthalate	13.69	163	353289	9.625 ng		99
54) 2,4-Dinitrophenol	14.34	184	73	2.801 ng	#	1
61) 4-Chlorophenyl-phenylether	15.32	204	1570	Below Cal	#	35

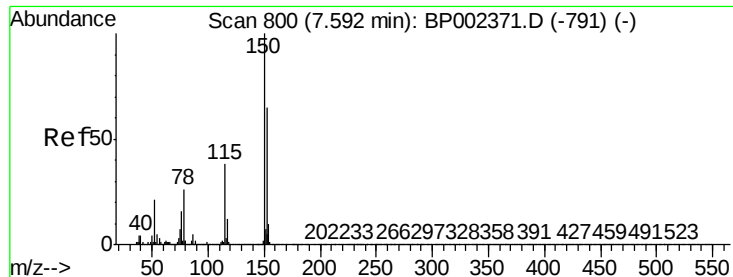
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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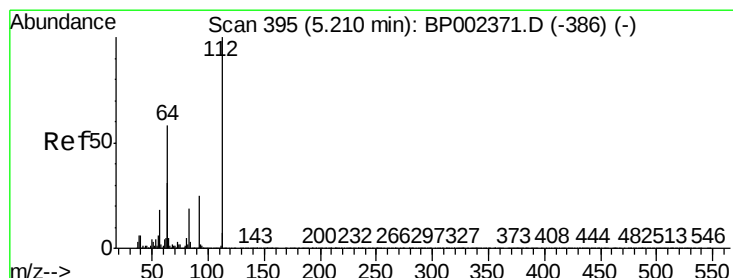
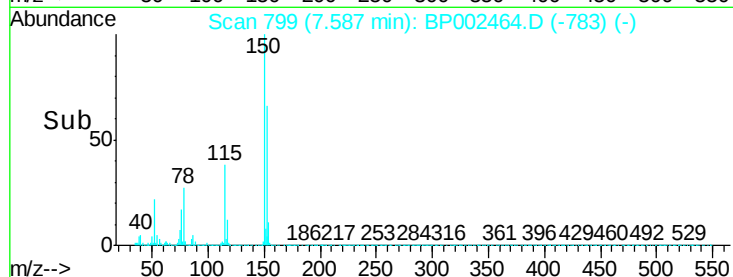
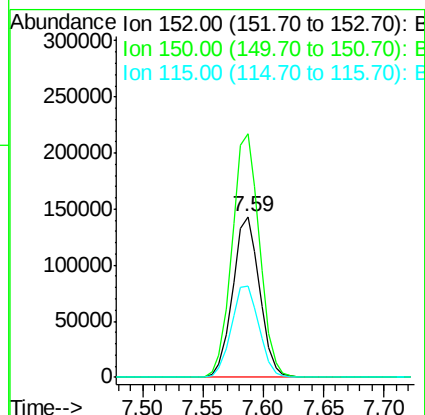
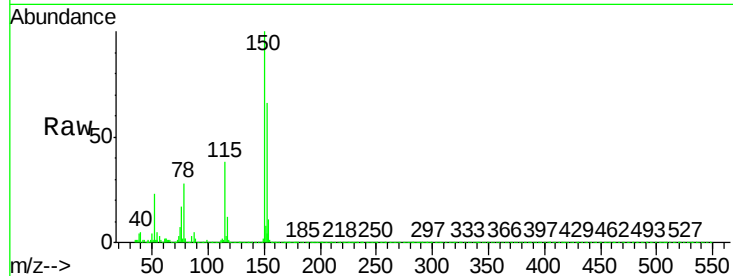




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002464.D
Acq: 19 Jun 2020 18:17

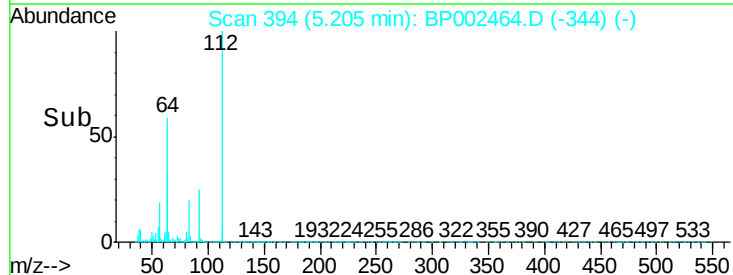
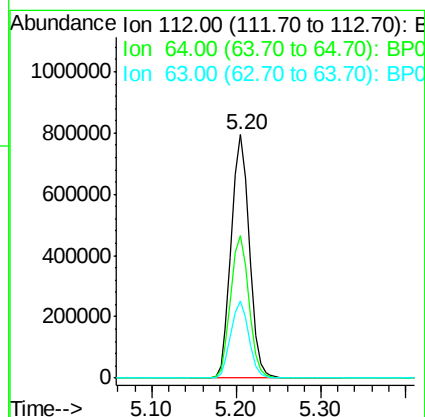
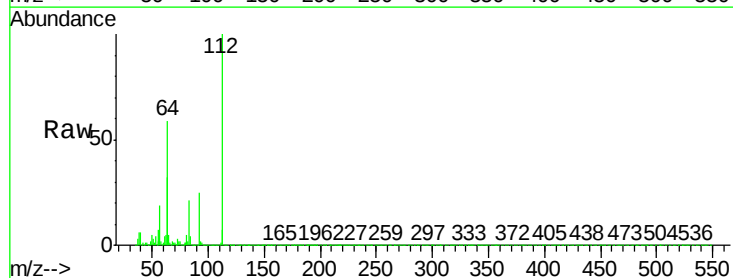
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOX

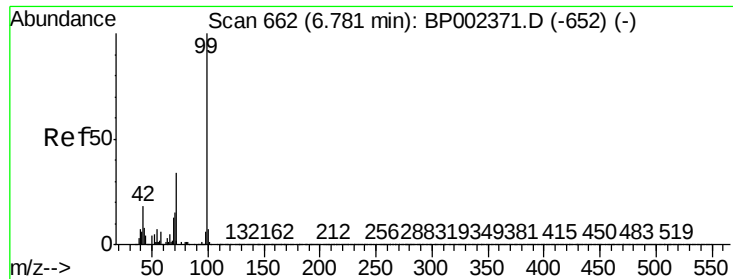
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	124.0	186.0
115	56.9	47.4	71.0



#5
2-Fluorophenol
Concen: 97.441 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002464.D
Acq: 19 Jun 2020 18:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.2	69.2
63	31.8	24.5	36.7





#7

Phenol-d6

Concen: 97.612 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002464.D

Acq: 19 Jun 2020 18:17

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOX

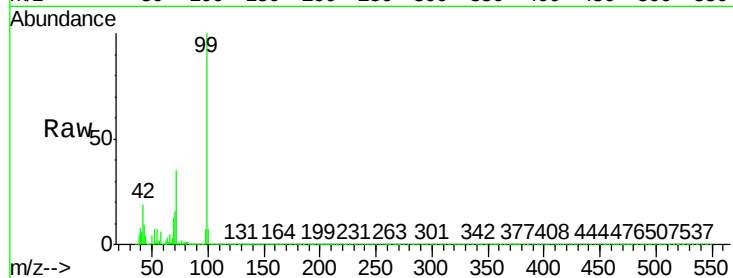
Tot Ion: 99 Resp: 1561358

Ion Ratio Lower Upper

99 100

42 18.7 14.6 22.0

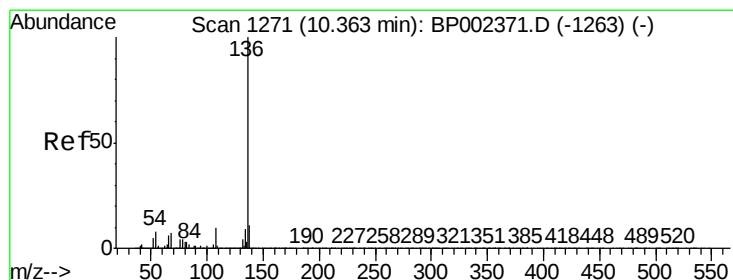
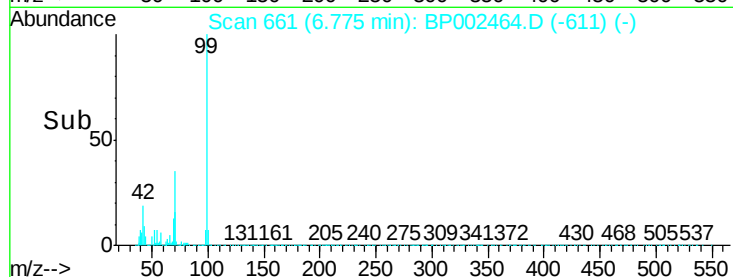
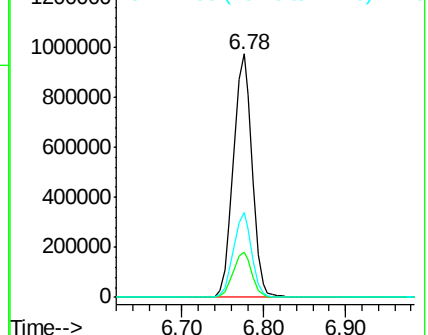
71 34.7 27.2 40.8



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: BP002464.D

Acq: 19 Jun 2020 18:17

Tgt Ion: 136 Resp: 892149

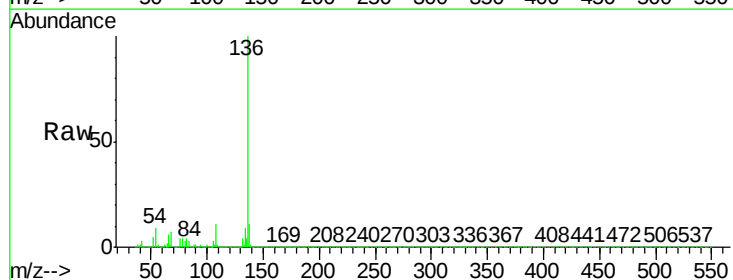
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.6 6.4 9.6

68 7.0 5.6 8.4

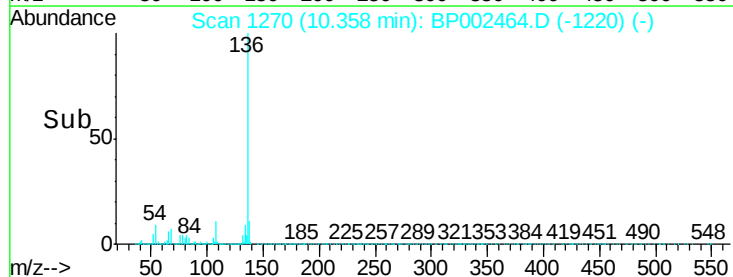
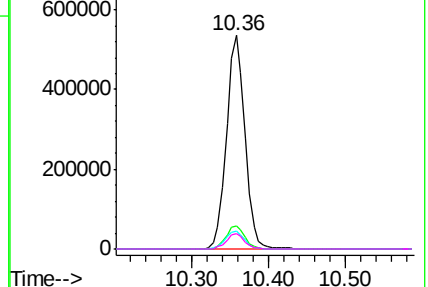


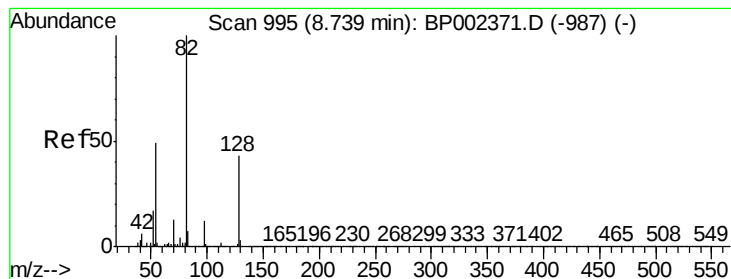
Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.579 ng

RT: 8.73 min Scan# 993

Delta R.T. -0.01 min

Lab File: BP002464.D

Acq: 19 Jun 2020 18:17

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOX

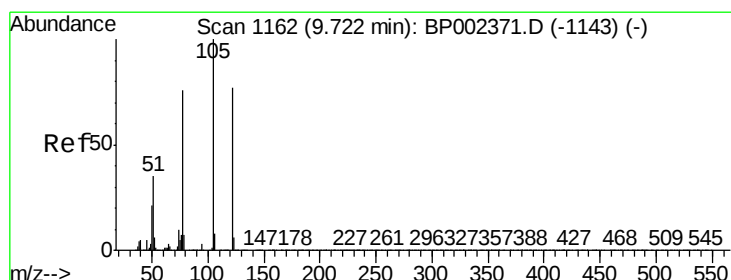
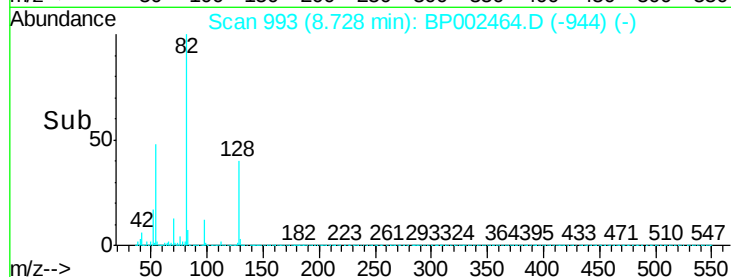
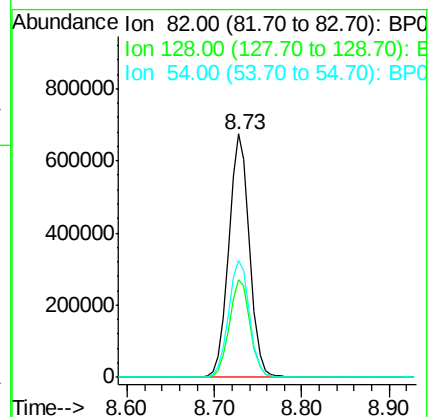
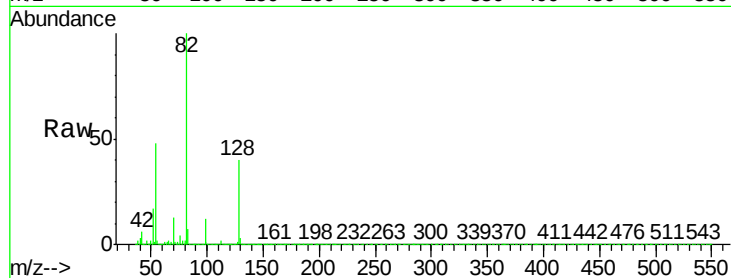
Tot Ion: 82 Resp: 1099209

Ion Ratio Lower Upper

82 100

128 40.4 34.5 51.7

54 47.9 39.4 59.2



#32

Benzoic acid

Concen: 4.601 ng

RT: 9.73 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BP002464.D

Acq: 19 Jun 2020 18:17

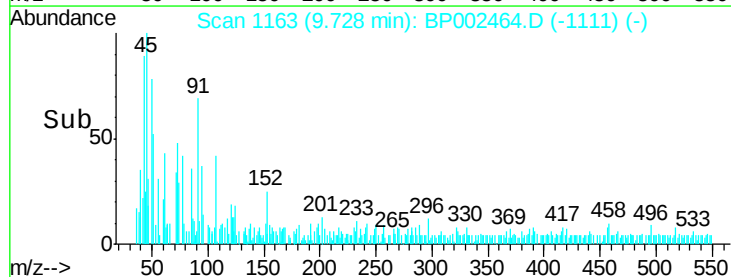
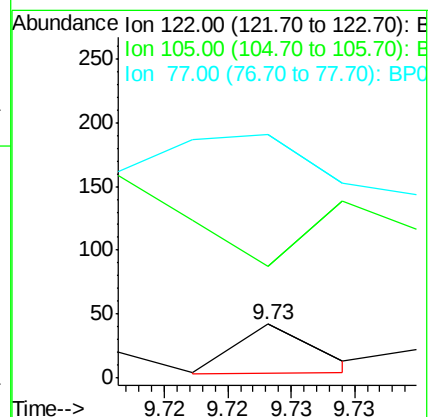
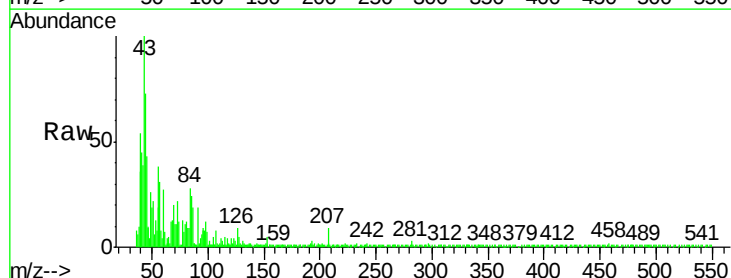
Tgt Ion: 122 Resp: 17

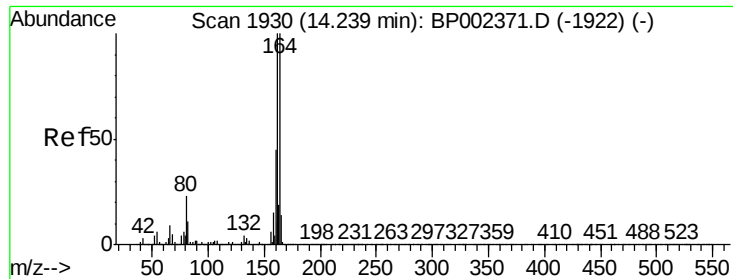
Ion Ratio Lower Upper

122 100

105 207.1 106.3 146.3#

77 454.8 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: BP002464.D

Acq: 19 Jun 2020 18:17

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOX

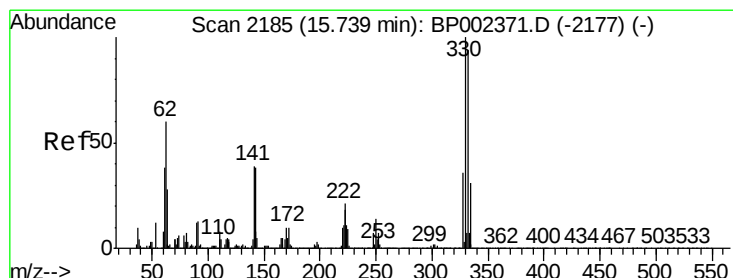
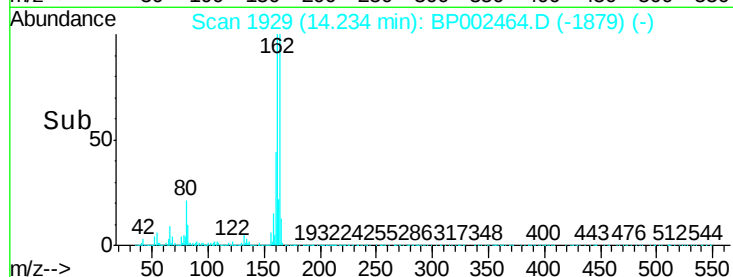
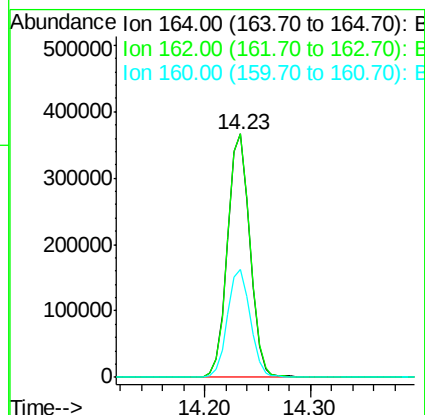
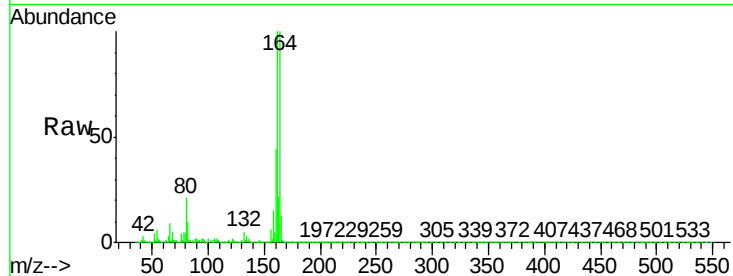
Tot Ion:164 Resp: 535703

Ion Ratio Lower Upper

164 100

162 99.8 79.8 119.8

160 44.3 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 103.390 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002464.D

Acq: 19 Jun 2020 18:17

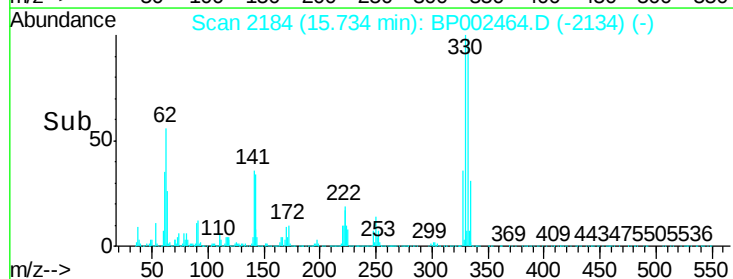
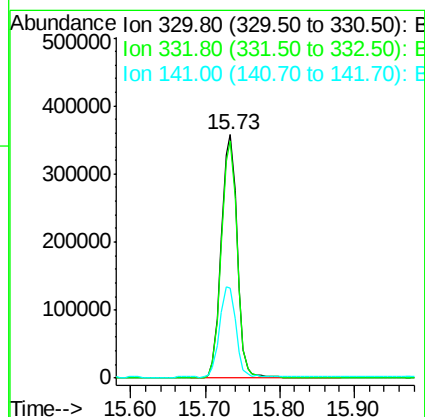
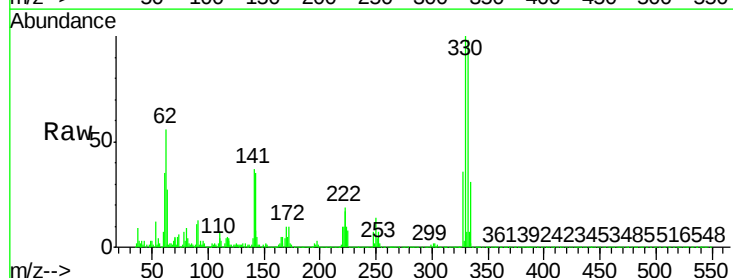
Tgt Ion:330 Resp: 530283

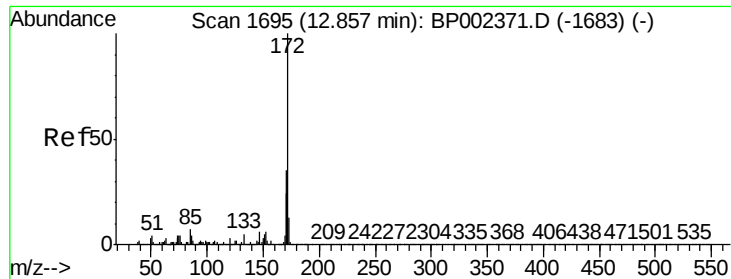
Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

141 37.4 30.3 45.5

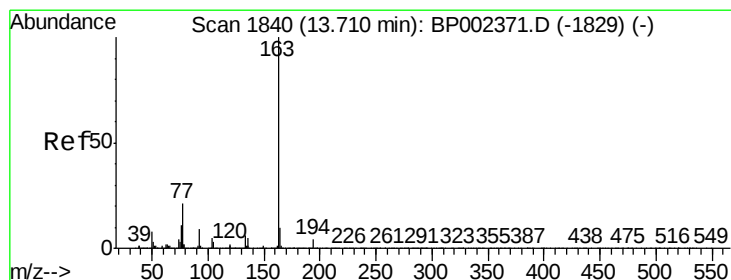
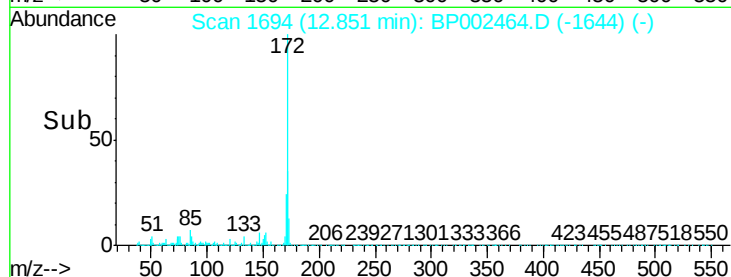
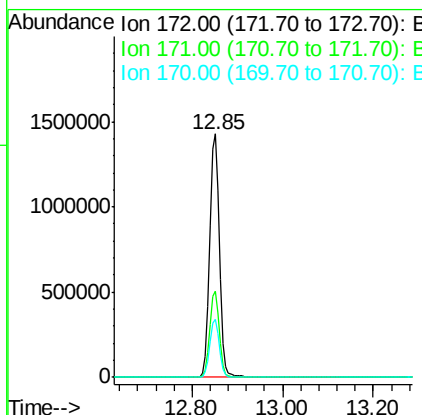
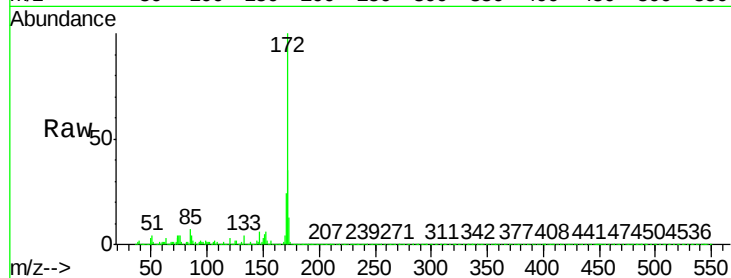




#45
2-Fluorobiphenyl
Concen: 69.816 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002464.D
Acq: 19 Jun 2020 18:17

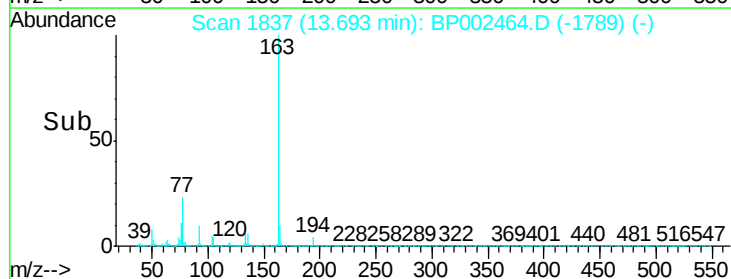
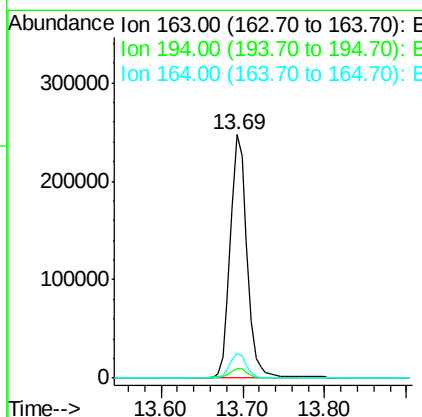
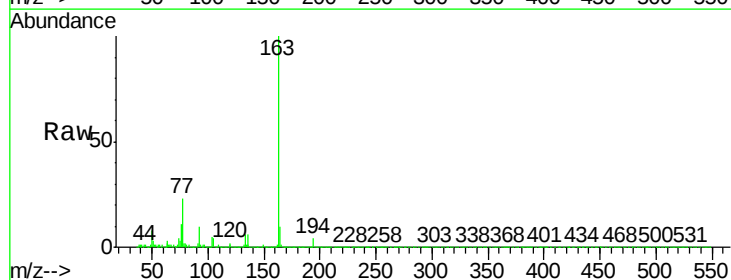
Instrument :
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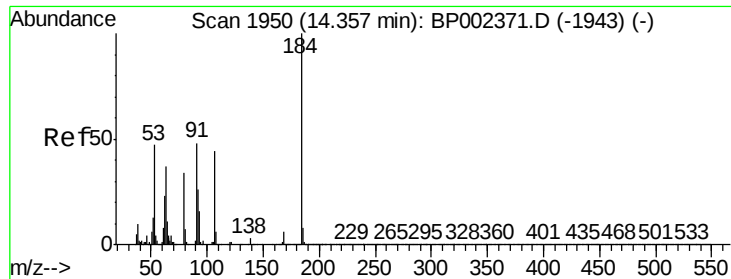
Tot Ion:172 Resp: 2224346
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 23.7 19.0 28.6



#50
Dimethylphthalate
Concen: 9.625 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BP002464.D
Acq: 19 Jun 2020 18:17

Tgt Ion:163 Resp: 353289
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.4 8.1 12.1

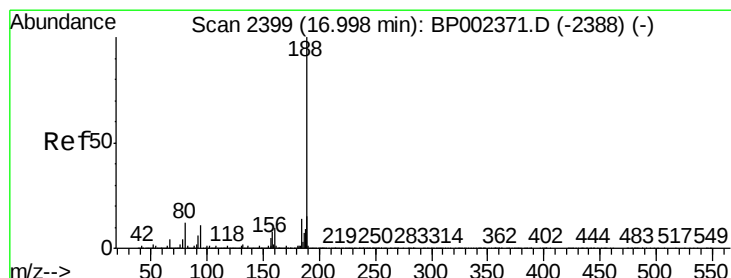
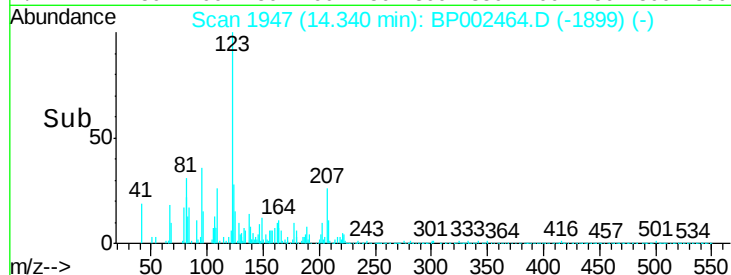
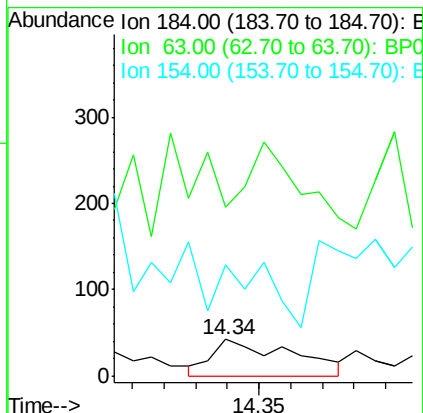
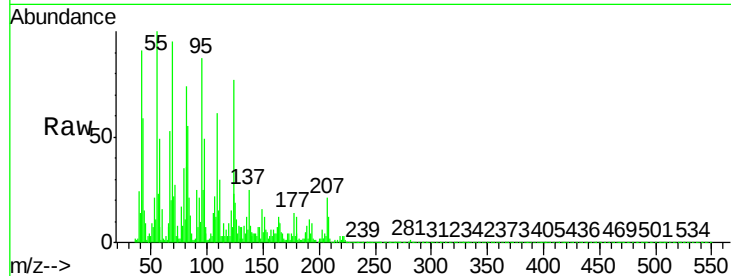




#54
2,4-Dinitrophenol
Concen: 2.801 ng
RT: 14.34 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BP002464.D
Acq: 19 Jun 2020 18:17

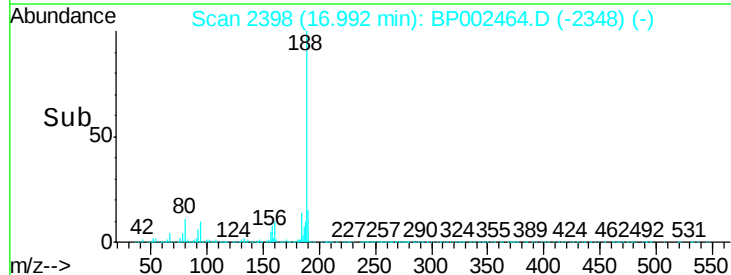
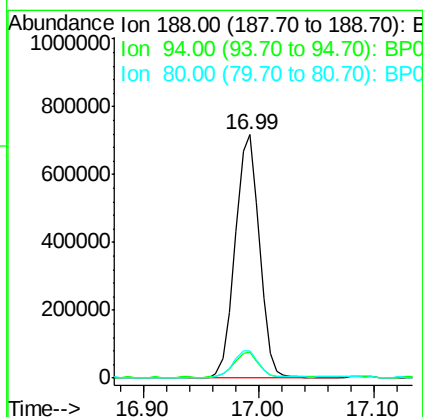
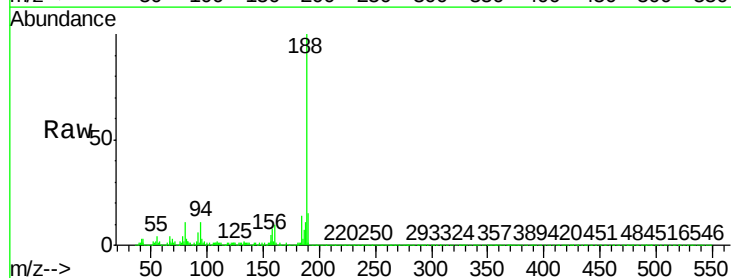
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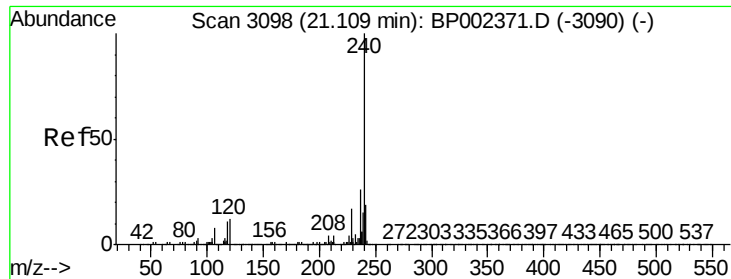
Tot Ion:184 Resp: 73
Ion Ratio Lower Upper
184 100
63 464.3 52.3 78.5#
154 307.1 48.6 72.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002464.D
Acq: 19 Jun 2020 18:17

Tgt Ion:188 Resp: 1042270
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.2 9.4 14.0

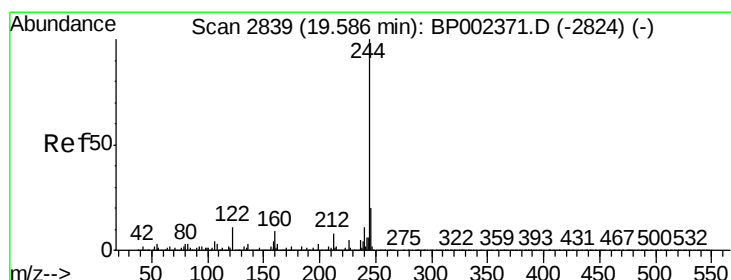
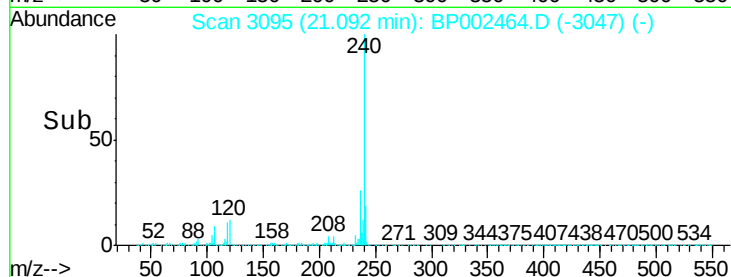
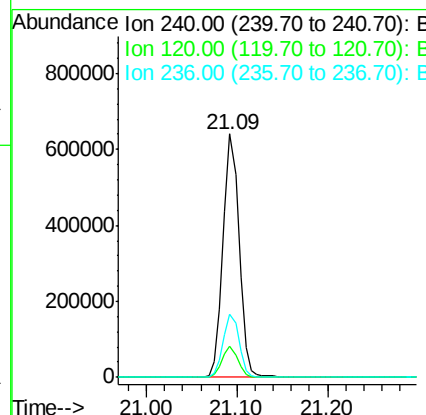
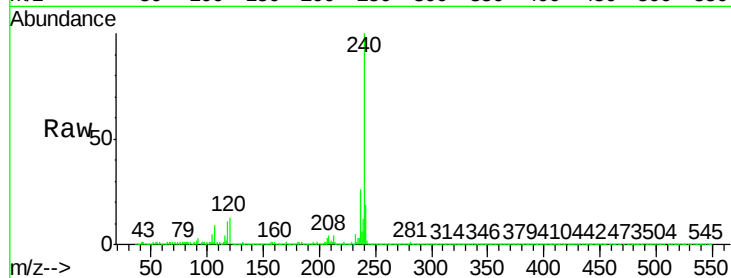




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BP002464.D
Acq: 19 Jun 2020 18:17

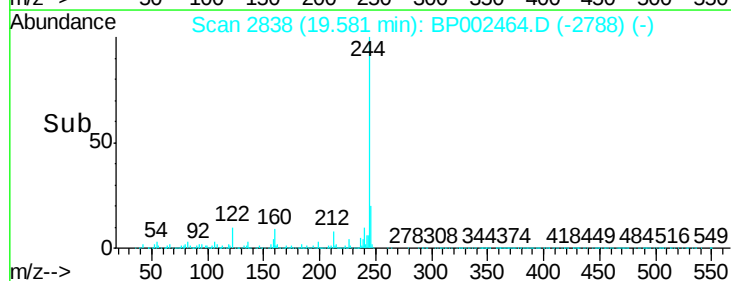
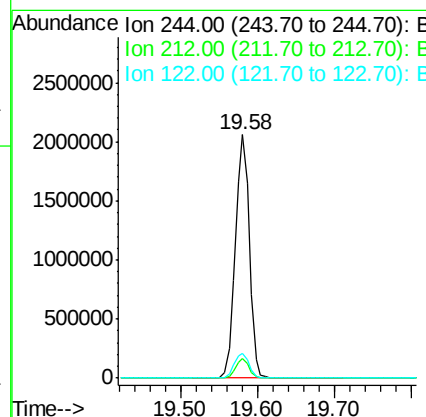
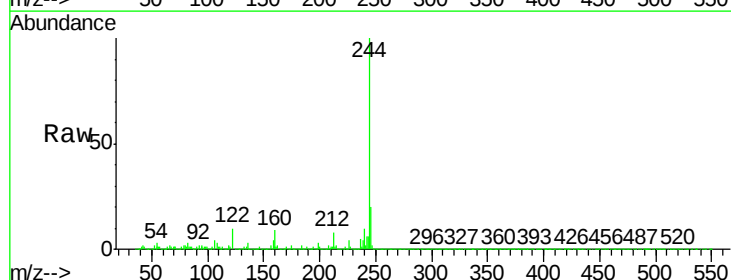
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOX

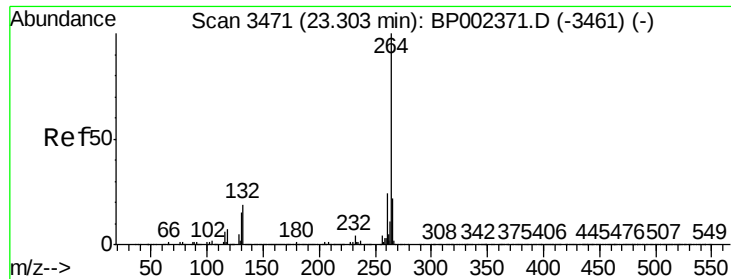
Tot Ion:240 Resp: 787819
Ion Ratio Lower Upper
240 100
120 12.6 9.3 13.9
236 25.9 21.0 31.6



#79
Terphenyl-d14
Concen: 86.033 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002464.D
Acq: 19 Jun 2020 18:17

Tgt Ion:244 Resp: 2626588
Ion Ratio Lower Upper
244 100
212 7.9 6.6 10.0
122 10.2 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: BP002464.D
Acq: 19 Jun 2020 18:17

Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOX

Tot Ion:264 Resp: 774679

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.9	17.4	26.2

