

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
 Data File : BP002513.D
 Acq On : 23 Jun 2020 22:09
 Operator : CG/JU
 Sample : L3051-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLUDGE-BOX

Quant Time: Jun 24 00:16:54 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	169609	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	658690	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	383352	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	835557	20.00	ng	0.00
76) Chrysene-d12	21.10	240	914877	20.00	ng	-0.01
86) Perylene-d12	23.29	264	998118	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	1130098	123.29	ng	0.00
7) Phenol-d6	6.78	99	1266348	103.77	ng	0.00
23) Nitrobenzene-d5	8.73	82	1083575	98.24	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	560139	152.61	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2213984	97.11	ng	0.00
79) Terphenyl-d14	19.58	244	3344964	98.33	ng	0.00

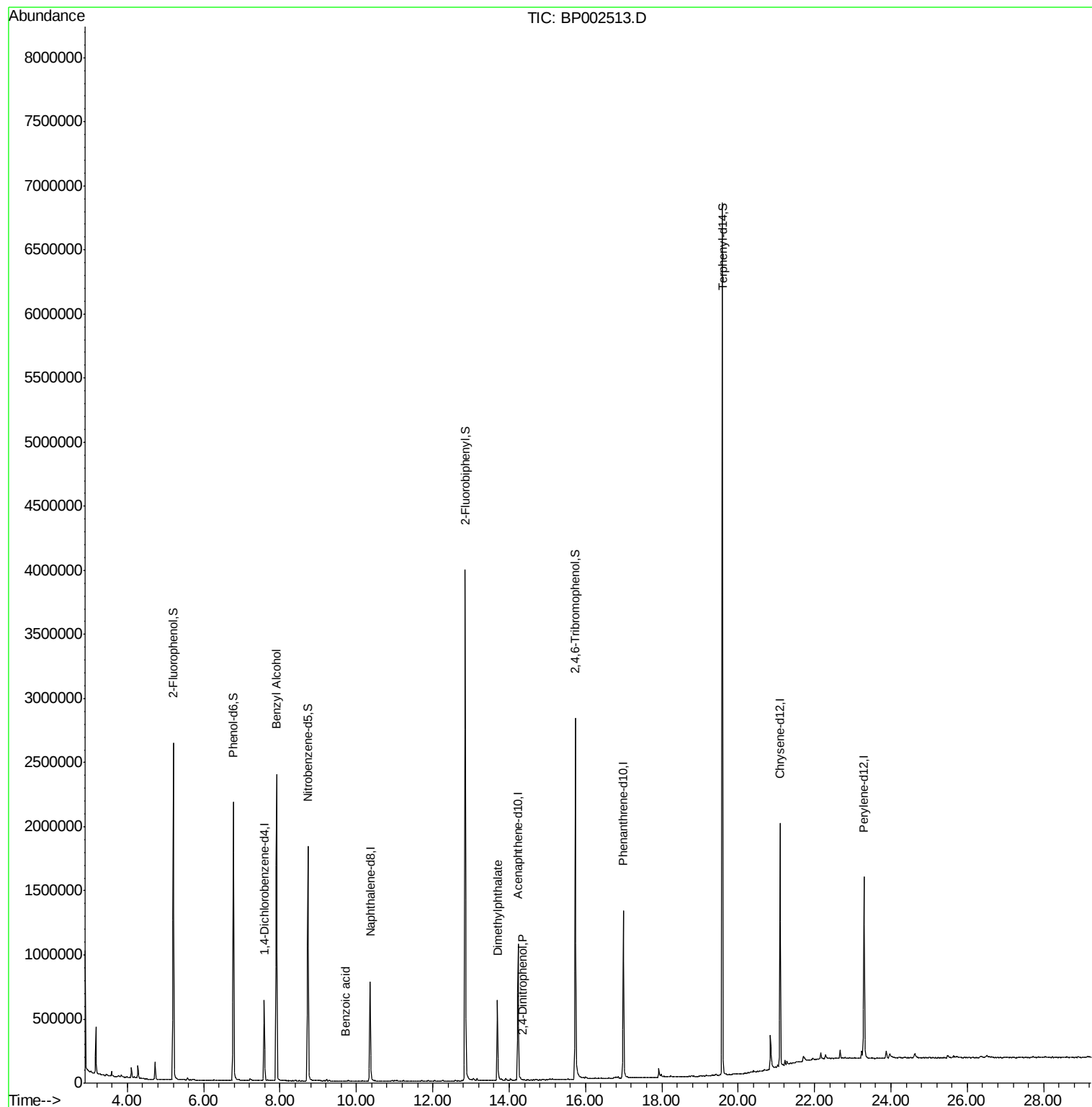
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.73	77	189	Below Cal	#	67
15) Benzyl Alcohol	7.90	79	19465	2.058 ng	#	48
32) Benzoic acid	9.71	122	26	4.602 ng	#	1
50) Dimethylphthalate	13.69	163	446109	16.983 ng		99
54) 2,4-Dinitrophenol	14.36	184	22	2.792 ng	#	1
61) 4-Chlorophenyl-phenylether	15.30	204	136	Below Cal	#	21

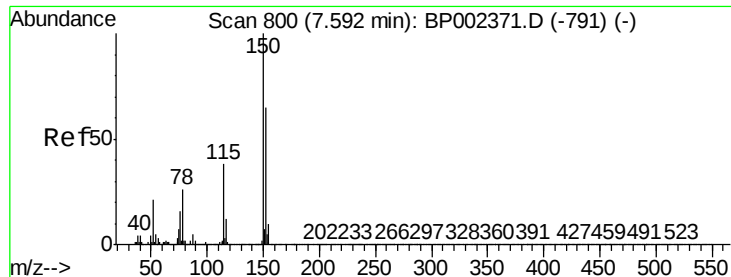
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP002513.D

Acq: 23 Jun 2020 22:09

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ClientSampleId :

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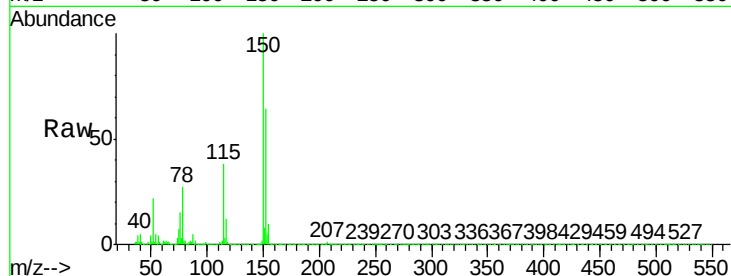
Tot Ion:152 Resp: 169609

Ion Ratio Lower Upper

152 100

150 155.3 124.0 186.0

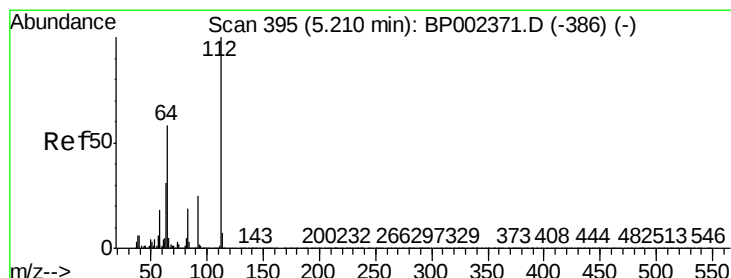
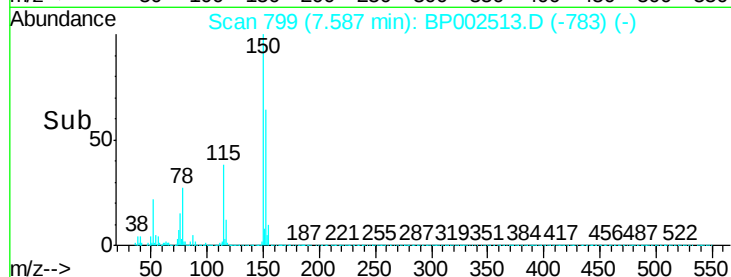
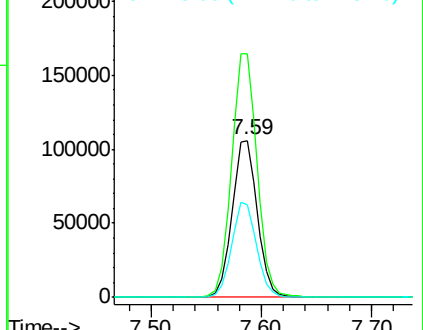
115 58.8 47.4 71.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 123.292 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002513.D

Acq: 23 Jun 2020 22:09

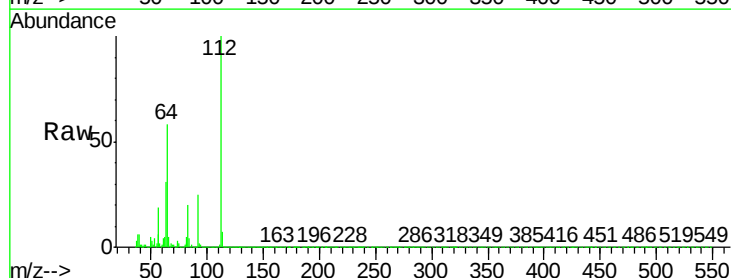
Tgt Ion:112 Resp: 1130098

Ion Ratio Lower Upper

112 100

64 58.4 46.2 69.2

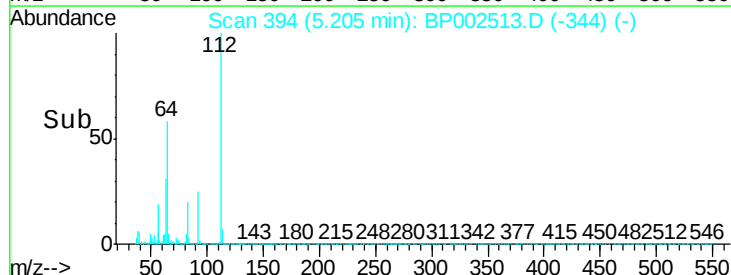
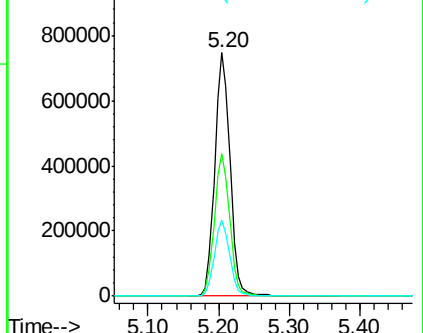
63 31.2 24.5 36.7

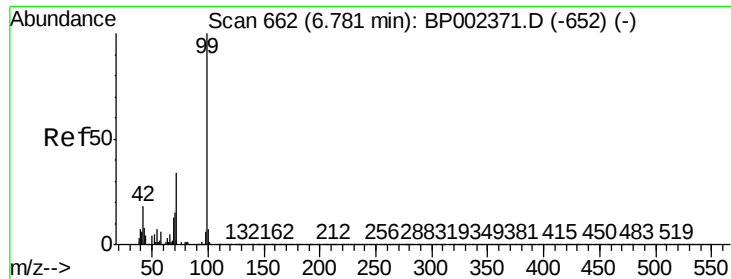


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 103.769 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002513.D

Acq: 23 Jun 2020 22:09

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOX

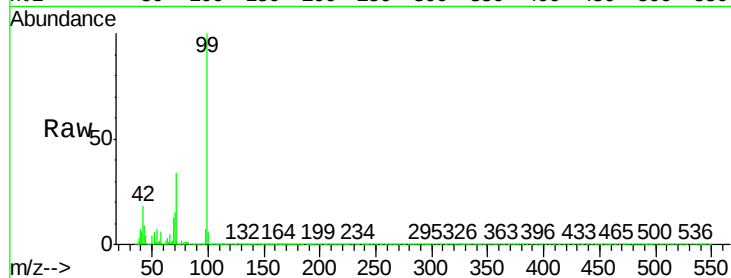
Tot Ion: 99 Resp: 1266348

Ion Ratio Lower Upper

99 100

42 18.2 14.6 22.0

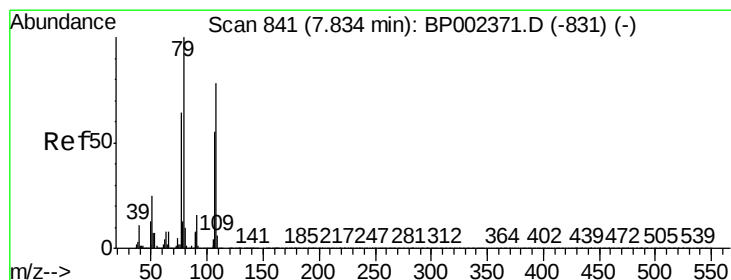
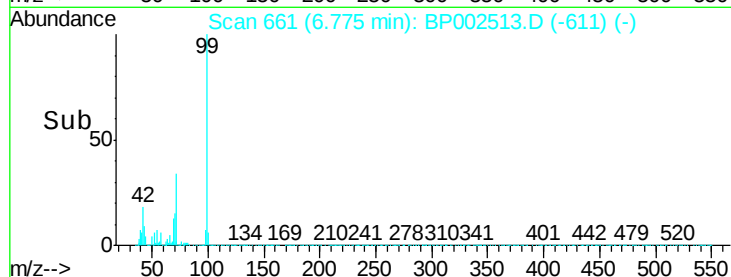
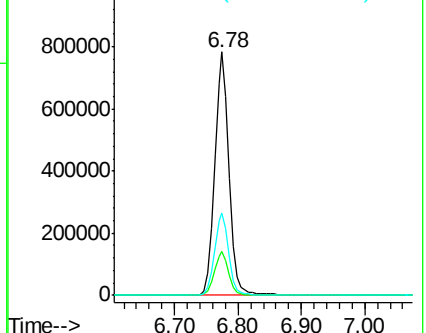
71 34.0 27.2 40.8



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: 2.058 ng

RT: 7.90 min Scan# 853

Delta R.T. 0.07 min

Lab File: BP002513.D

Acq: 23 Jun 2020 22:09

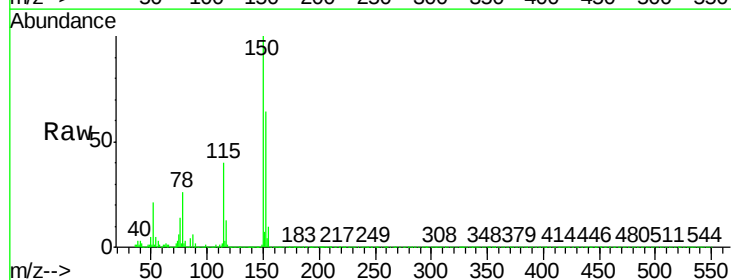
Tgt Ion: 79 Resp: 19465

Ion Ratio Lower Upper

79 100

108 34.2 62.6 94.0#

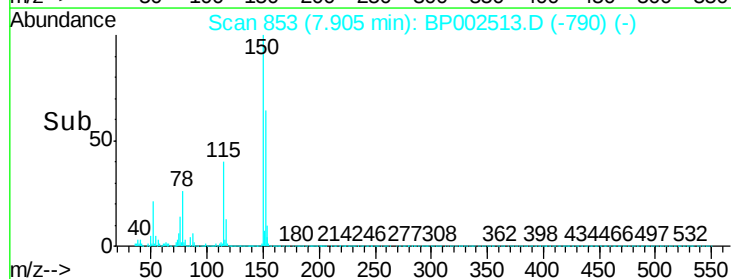
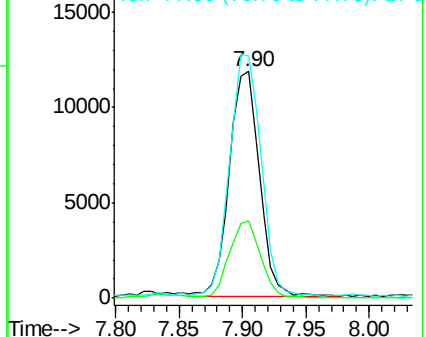
77 106.7 51.5 77.3#

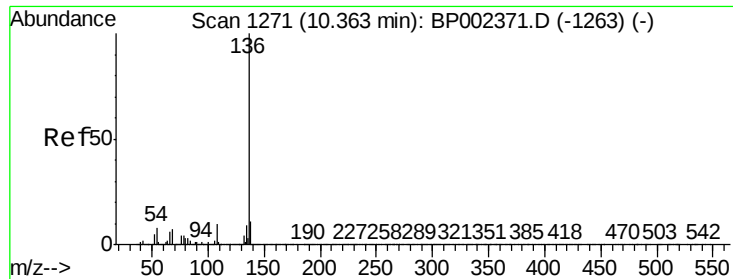


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BP0

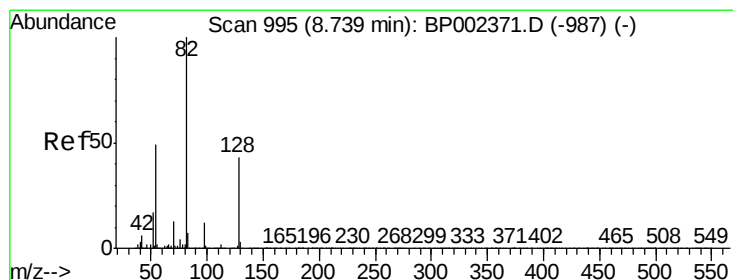
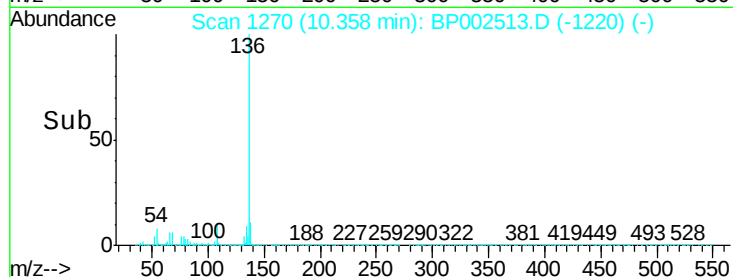
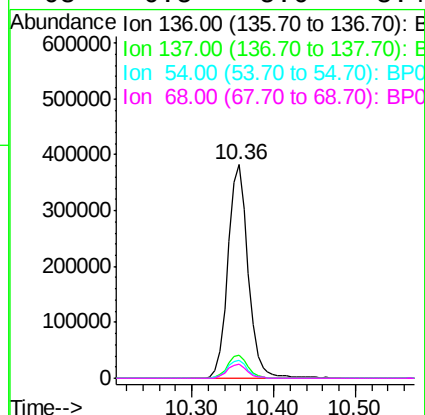
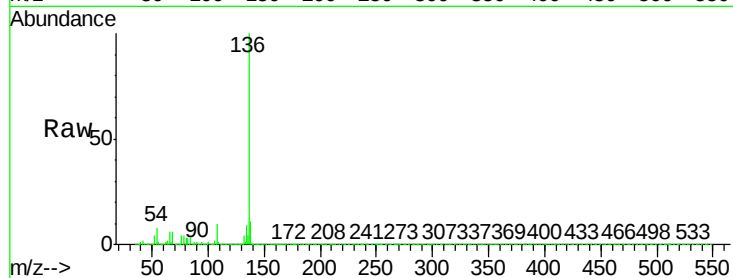




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002513.D
Acq: 23 Jun 2020 22:09

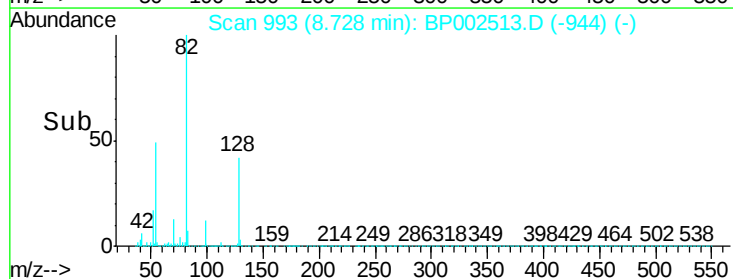
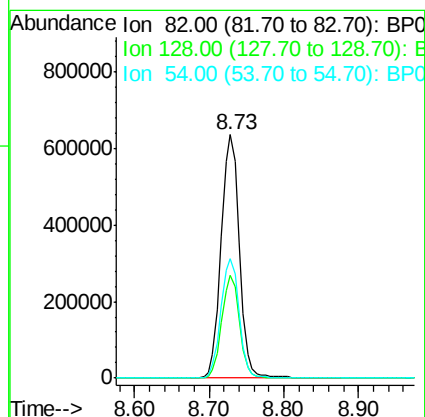
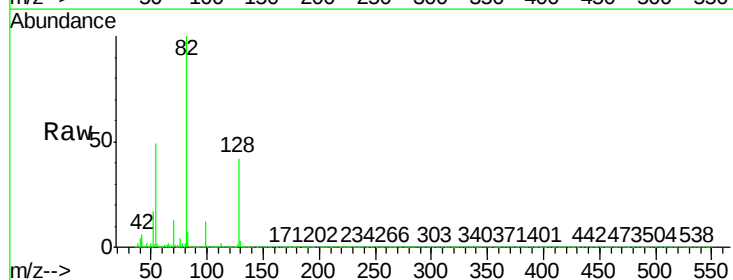
Instrument :
BNA_P
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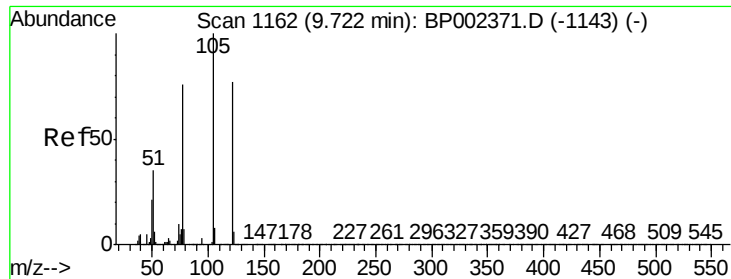
Tot Ion:136	Resp:	658690	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.8	13.2	
54 8.3	6.4	9.6	
68 6.5	5.6	8.4	



#23
Nitrobenzene-d5
Concen: 98.240 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002513.D
Acq: 23 Jun 2020 22:09

Tgt Ion: 82	Resp: 1083575
Ion Ratio	Lower Upper
82 100	
128 42.0	34.5 51.7
54 49.2	39.4 59.2





#32

Benzoic acid

Concen: 4.602 ng

RT: 9.71 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BP002513.D

Acq: 23 Jun 2020 22:09

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOX

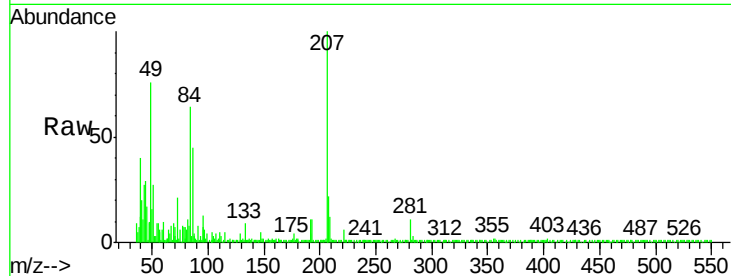
Tot Ion:122 Resp: 26

Ion Ratio Lower Upper

122 100

105 213.6 106.3 146.3#

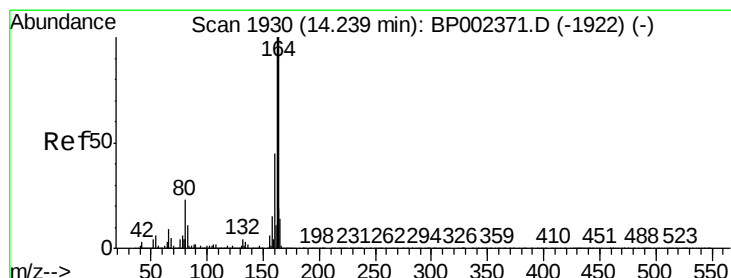
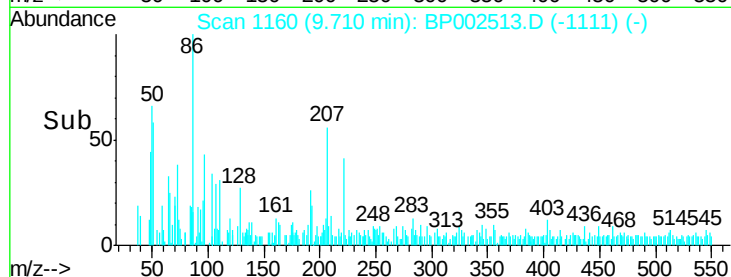
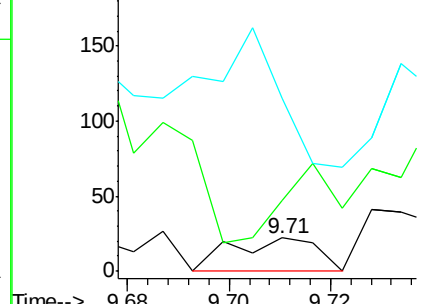
77 522.7 77.5 117.5#



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): BPO



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002513.D

Acq: 23 Jun 2020 22:09

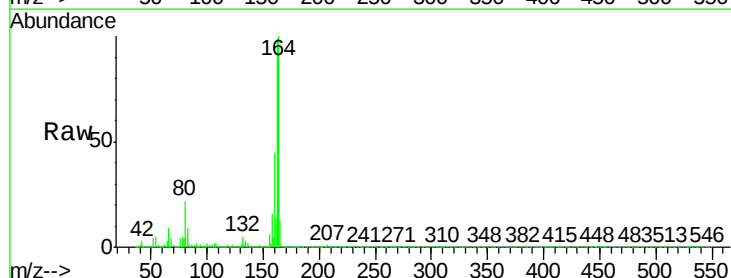
Tgt Ion:164 Resp: 383352

Ion Ratio Lower Upper

164 100

162 99.1 79.8 119.8

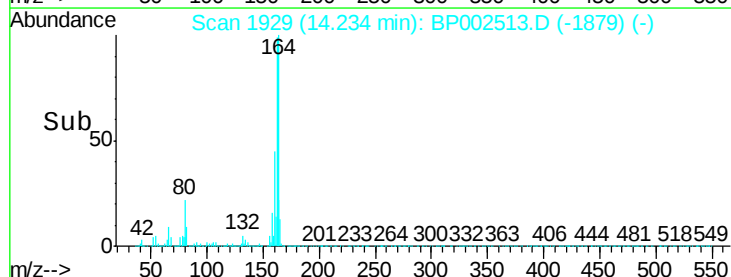
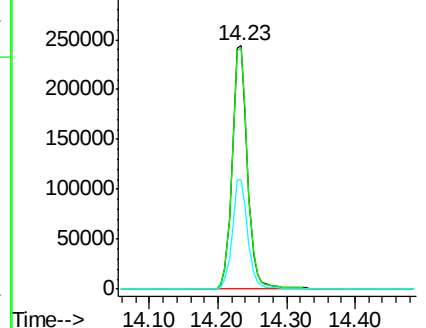
160 44.6 36.2 54.2

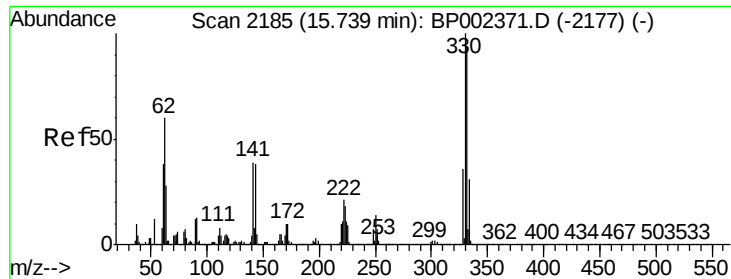


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

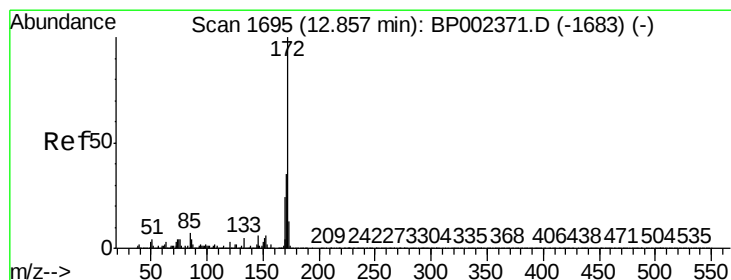
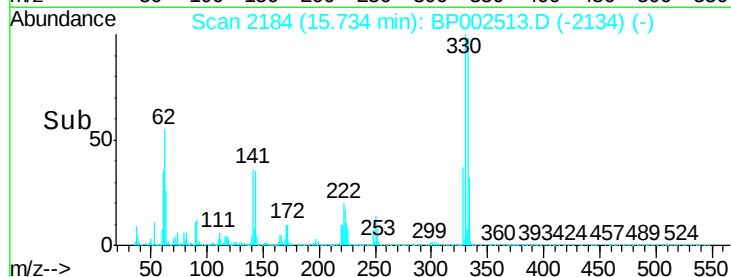
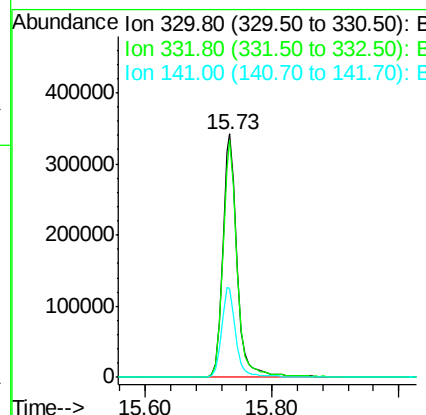
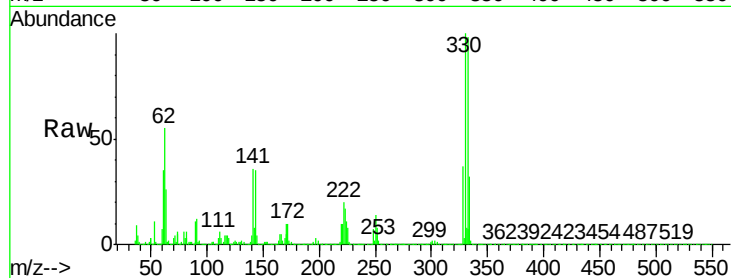




#42
 2,4,6-Tribromophenol
 Concen: 152.613 ng
 RT: 15.73 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BP002513.D
 Acq: 23 Jun 2020 22:09

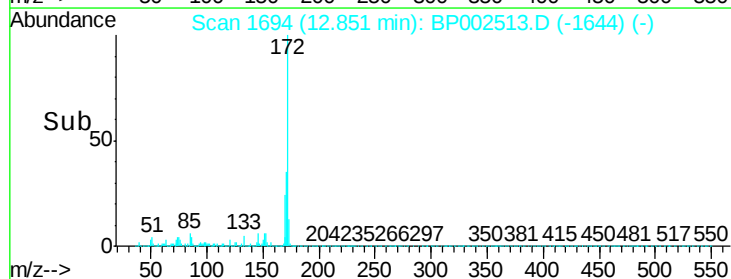
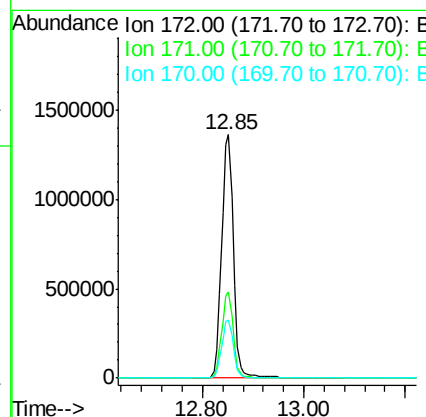
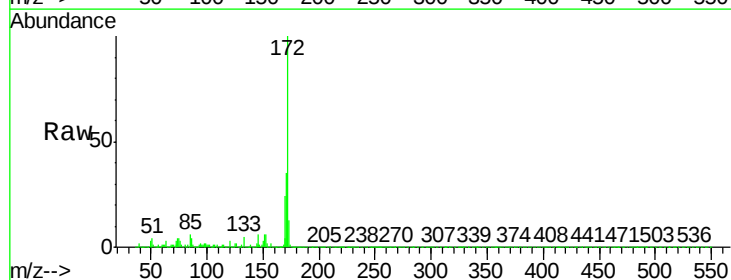
Instrument :
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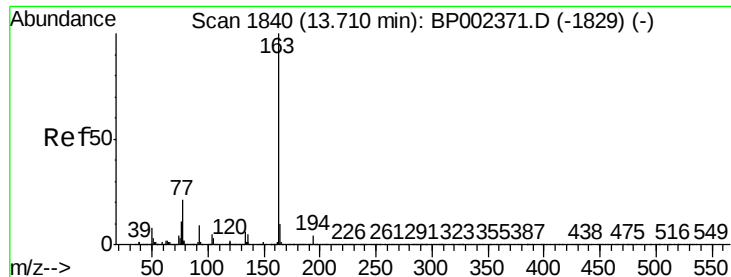
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	37.4	30.3	45.5



#45
 2-Fluorobiphenyl
 Concen: 97.107 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BP002513.D
 Acq: 23 Jun 2020 22:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.8
170	23.7	19.0	28.6

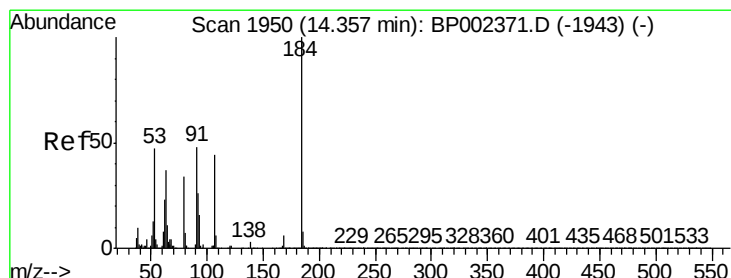
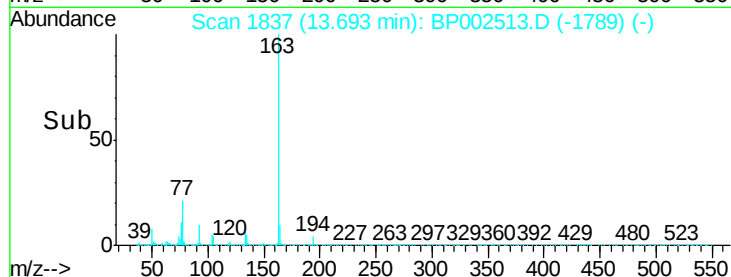
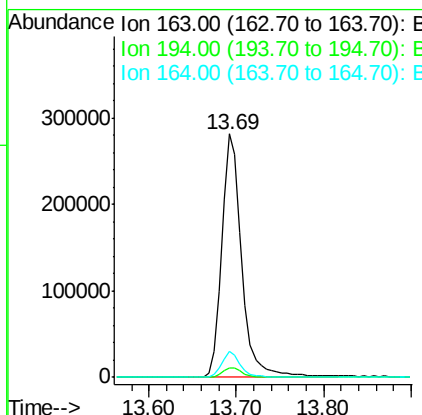
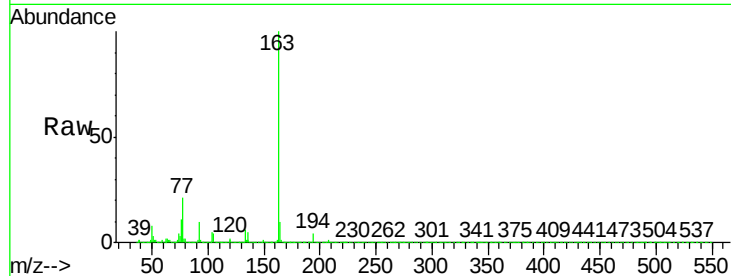




#50
Dimethylphthalate
Concen: 16.983 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BP002513.D
Acq: 23 Jun 2020 22:09

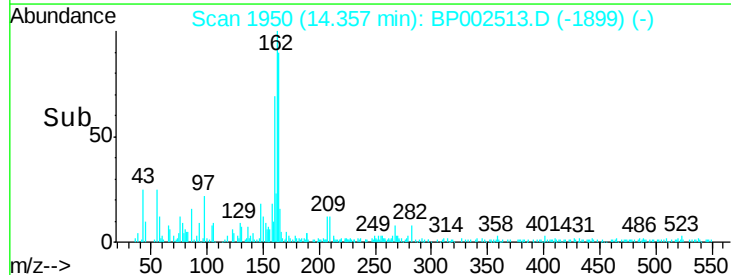
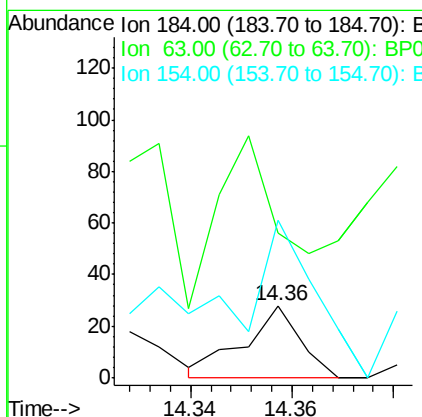
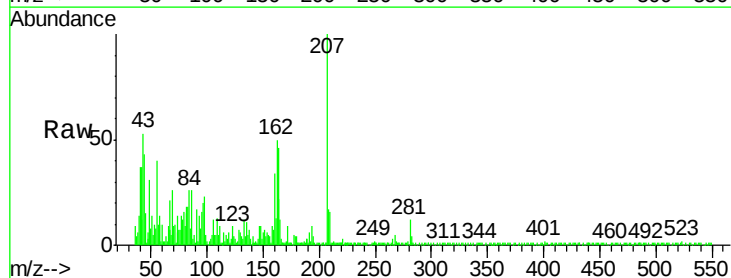
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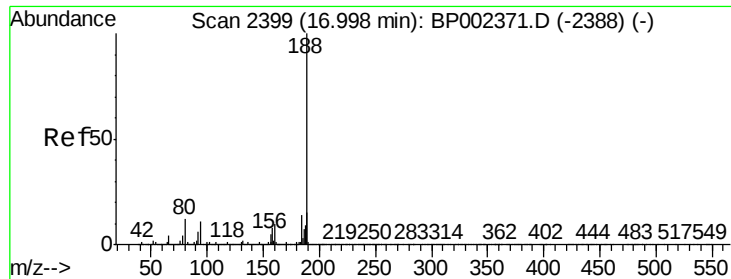
Tot Ion:163 Resp: 446109
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.5 8.1 12.1



#54
2,4-Dinitrophenol
Concen: 2.792 ng
RT: 14.36 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BP002513.D
Acq: 23 Jun 2020 22:09

Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 200.0 52.3 78.5#
154 217.9 48.6 72.8#

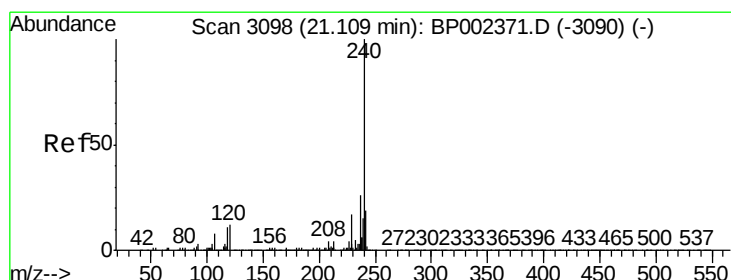
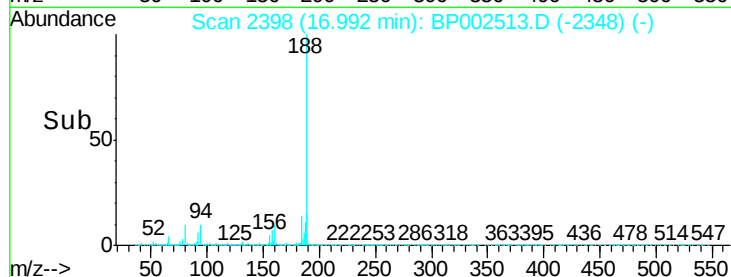
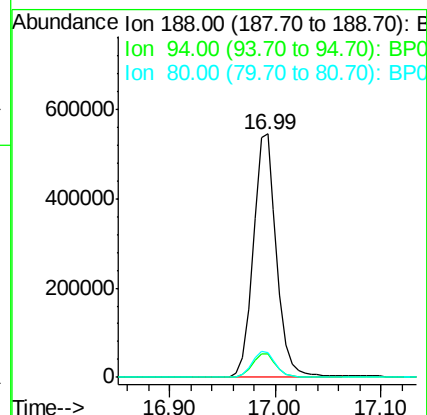
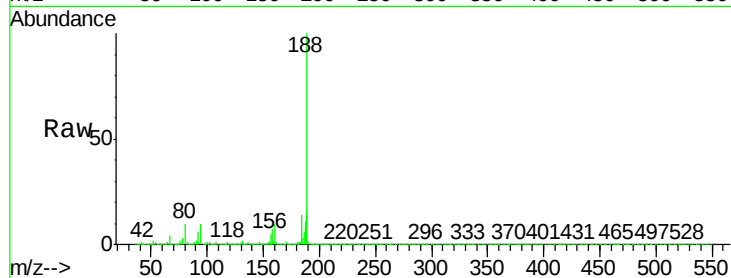




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002513.D
Acq: 23 Jun 2020 22:09

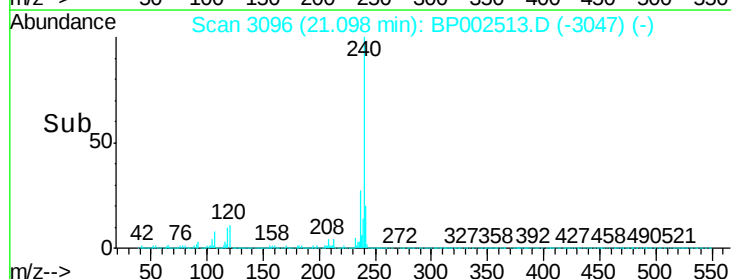
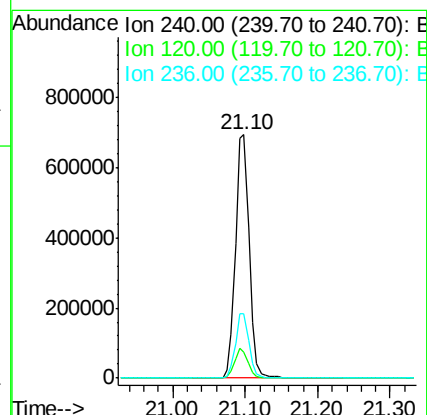
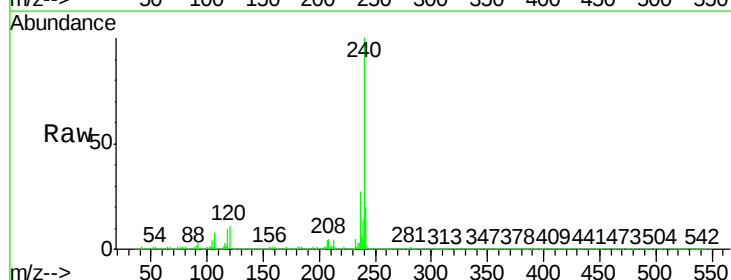
Instrument :
BNA_P
ClientSampleId :
SLUDGE-BOX

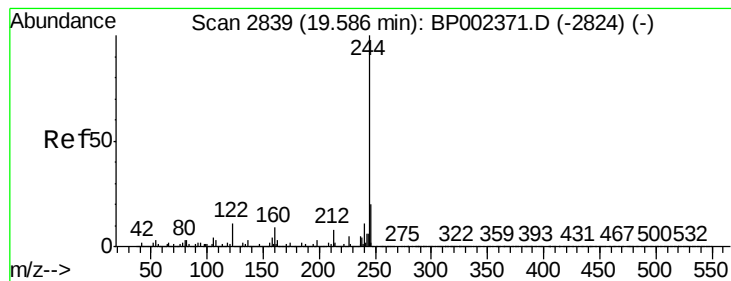
Tot Ion:188 Resp: 835557
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.2 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BP002513.D
Acq: 23 Jun 2020 22:09

Tgt Ion:240 Resp: 914877
Ion Ratio Lower Upper
240 100
120 10.9 9.3 13.9
236 26.6 21.0 31.6





#79

Terphenyl-d14

Concen: 98.331 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002513.D

Acq: 23 Jun 2020 22:09

Instrument :

BNA_P

ClientSampleId :

SLUDGE-BOX

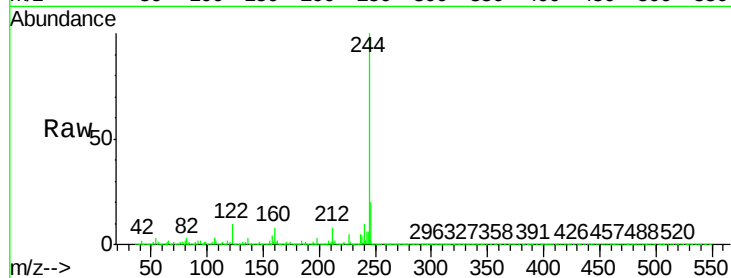
Tot Ion:244 Resp: 3344964

Ion Ratio Lower Upper

244 100

212 8.1 6.6 10.0

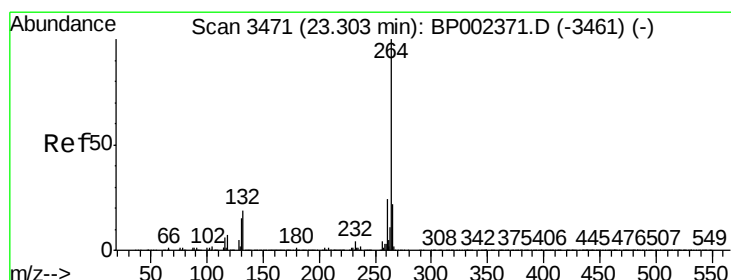
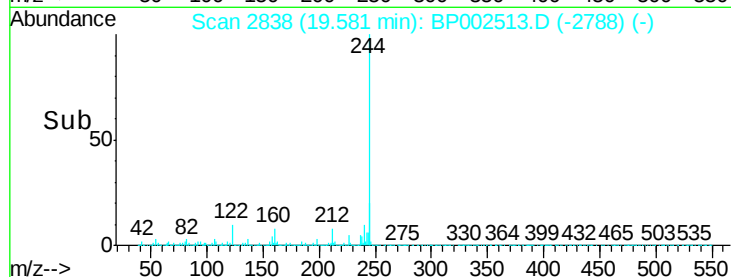
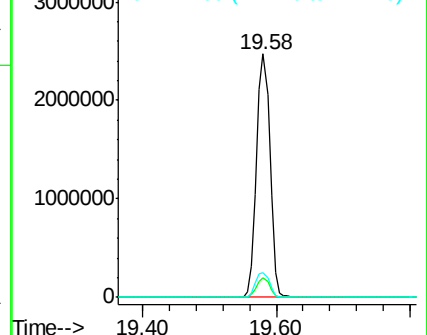
122 10.1 8.8 13.2



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

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BP002513.D

Acq: 23 Jun 2020 22:09

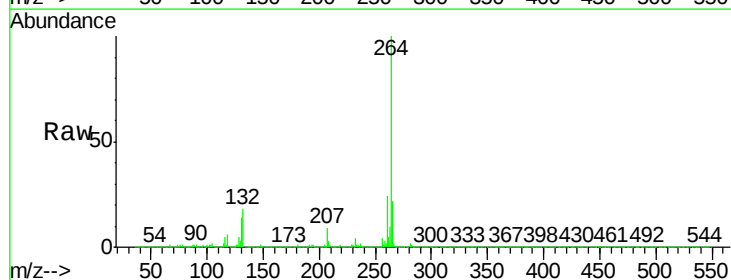
Tgt Ion:264 Resp: 998118

Ion Ratio Lower Upper

264 100

260 23.8 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

