

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062520\
 Data File : BP002539.D
 Acq On : 25 Jun 2020 13:34
 Operator : CG/JU
 Sample : L3090-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 25 14:24:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 13:54:06 2020
 Response via : Initial Calibration

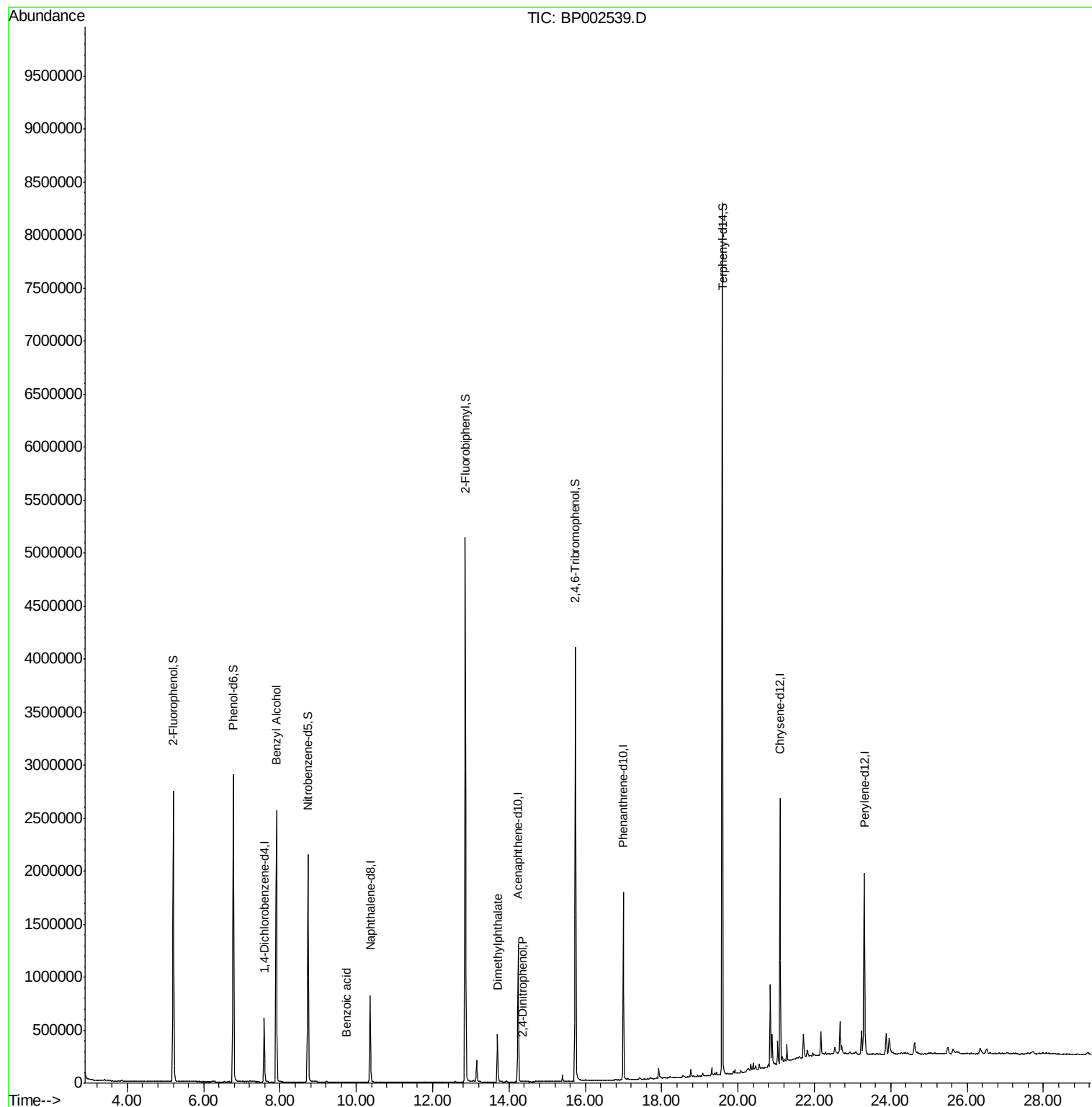
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	161431	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	680206	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	443641	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1025616	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1092002	20.00	ng	0.00
86) Perylene-d12	23.30	264	1223912	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1254198	143.76	ng	0.00
7) Phenol-d6	6.78	99	1720880	148.16	ng	0.00
23) Nitrobenzene-d5	8.73	82	1261945	110.79	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	812474	191.28	ng	0.01
45) 2-Fluorobiphenyl	12.85	172	2775033	105.17	ng	0.00
79) Terphenyl-d14	19.59	244	4215044	106.11	ng	0.01
Target Compounds						
9) Benzaldehyde	6.71	77	103	Below Cal	Qvalue # 47	
15) Benzyl Alcohol	7.90	79	20847	2.316 ng	# 46	
32) Benzoic acid	9.73	122	85	4.610 ng	# 81	
50) Dimethylphthalate	13.70	163	308946	10.163 ng	# 99	
54) 2,4-Dinitrophenol	14.35	184	18	2.790 ng	# 59	
61) 4-Chlorophenyl-phenylether	15.30	204	21	Below Cal	# 1	

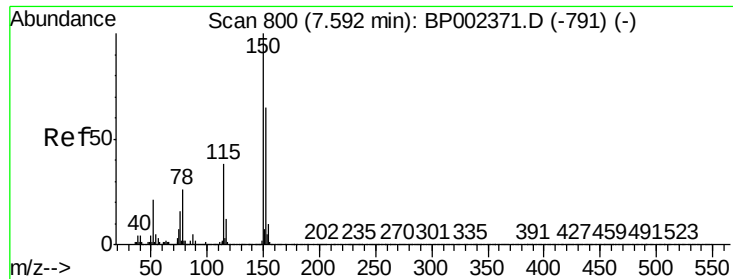
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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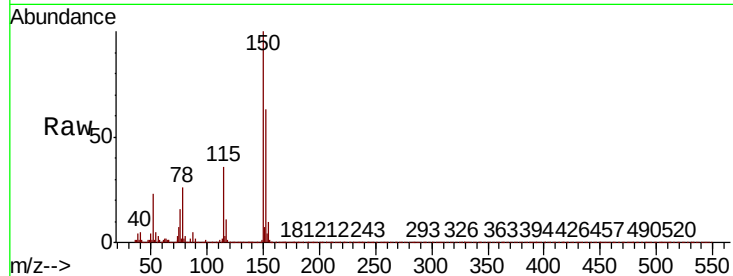


#1

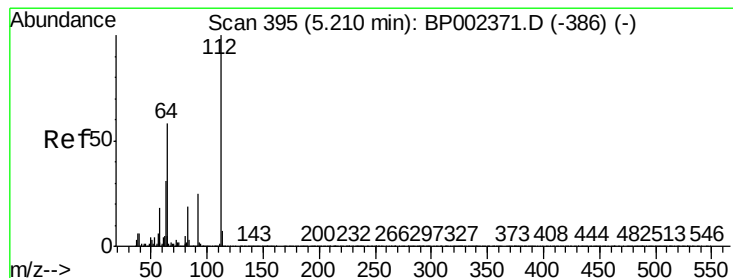
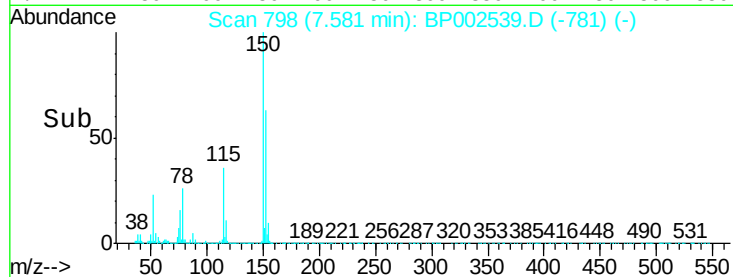
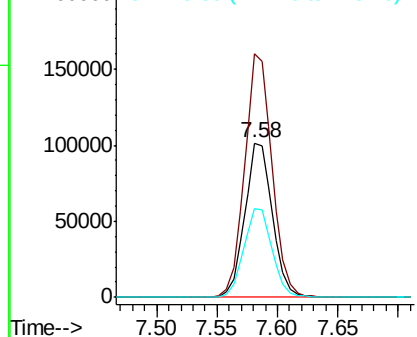
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. 0.00 min
Lab File: BP002539.D
Acq: 25 Jun 2020 13:34

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 161431
Ion Ratio Lower Upper
152 100
150 157.6 124.4 186.6
115 57.4 47.8 71.6



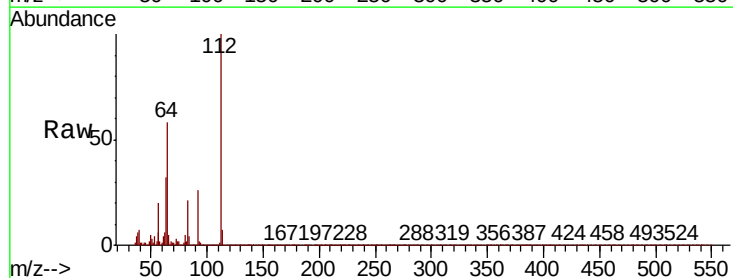
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



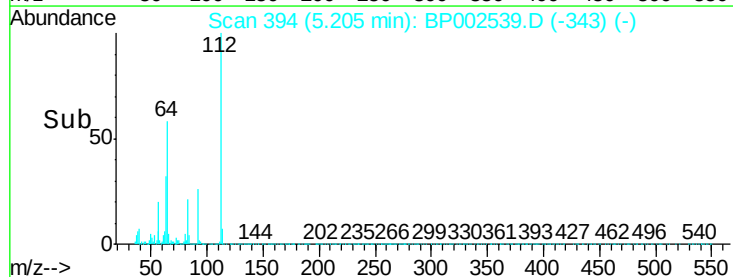
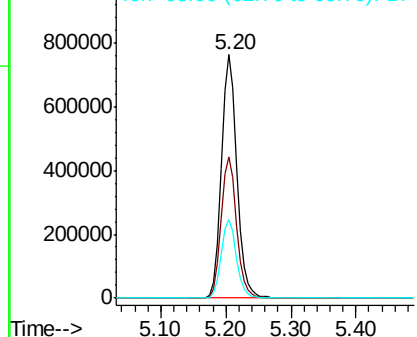
#5

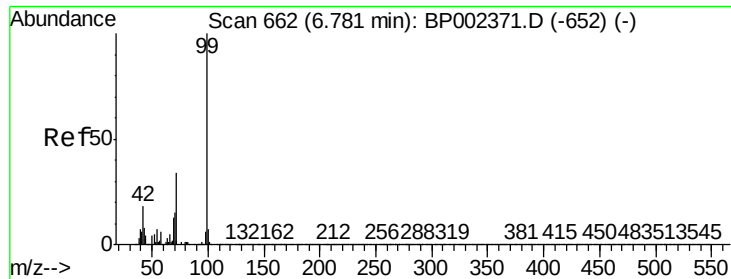
2-Fluorophenol
Concen: 143.763 ng
RT: 5.20 min Scan# 394
Delta R.T. 0.00 min
Lab File: BP002539.D
Acq: 25 Jun 2020 13:34

Tgt Ion:112 Resp: 1254198
Ion Ratio Lower Upper
112 100
64 57.8 46.4 69.6
63 32.0 25.0 37.6



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: 148.159 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.01 min

Lab File: BP002539.D

Acq: 25 Jun 2020 13:34

Instrument :

BNA_P

ClientSampled :

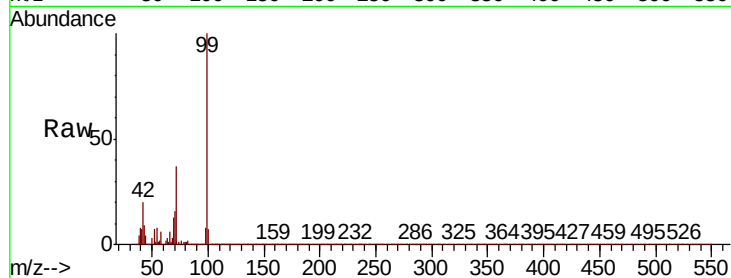
Tot Ion: 99 Resp: 1720880

Ion Ratio Lower Upper

99 100

42 19.6 15.3 22.9

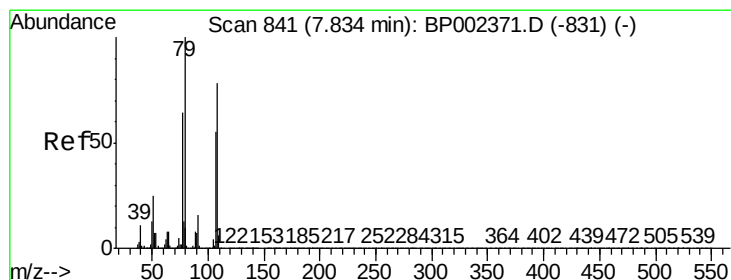
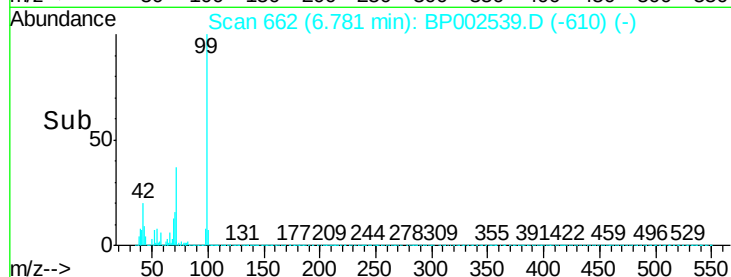
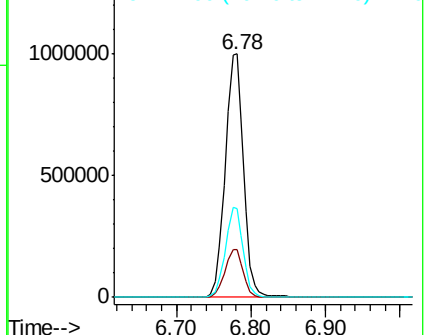
71 36.7 28.2 42.2



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: 2.316 ng

RT: 7.90 min Scan# 853

Delta R.T. 0.08 min

Lab File: BP002539.D

Acq: 25 Jun 2020 13:34

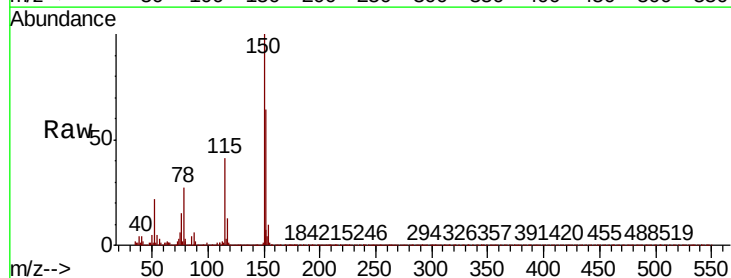
Tgt Ion: 79 Resp: 20847

Ion Ratio Lower Upper

79 100

108 37.6 60.2 90.4#

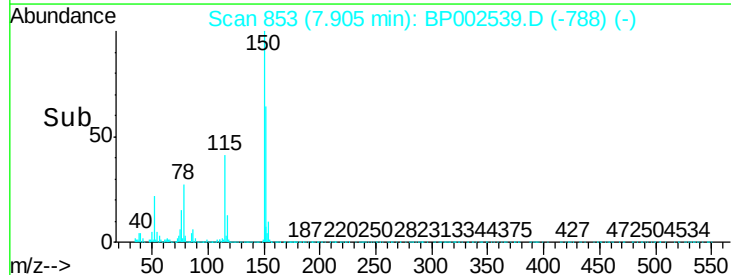
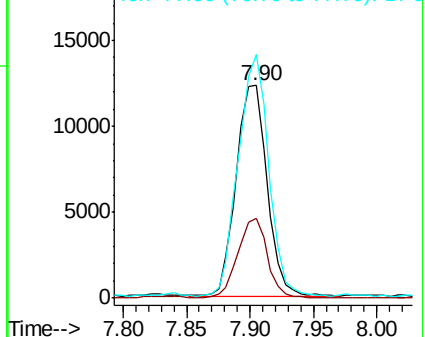
77 114.5 50.6 76.0#

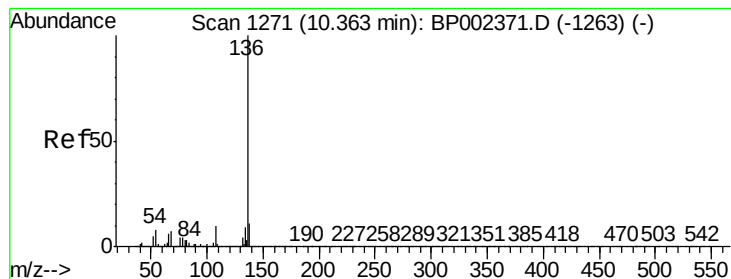


Abundance Ion 79.00 (78.70 to 79.70): BP0

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: BP002539.D

Acq: 25 Jun 2020 13:34

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 680206

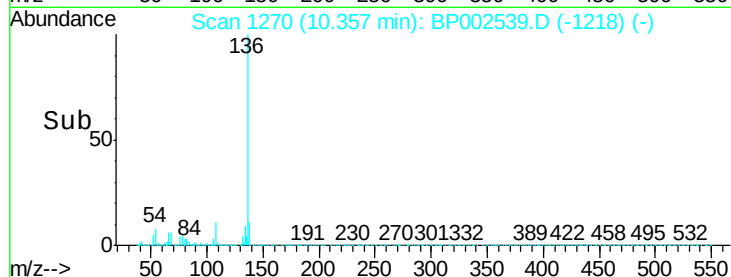
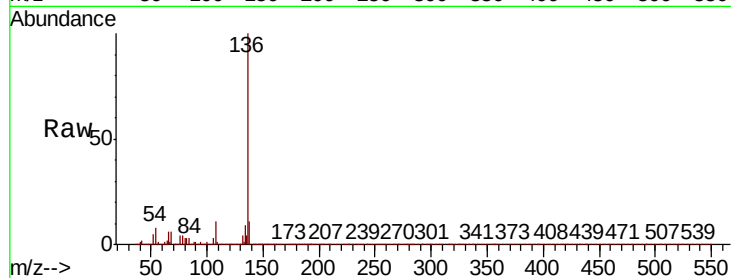
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.2 6.6 10.0

68 6.4 5.4 8.0

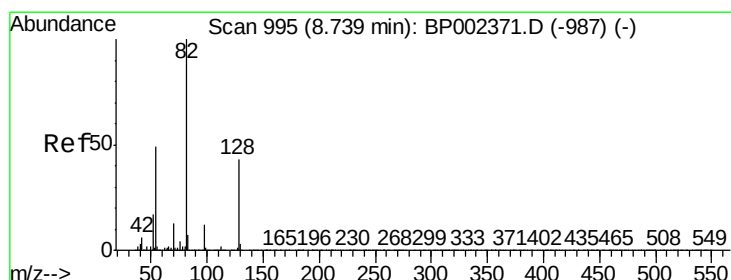
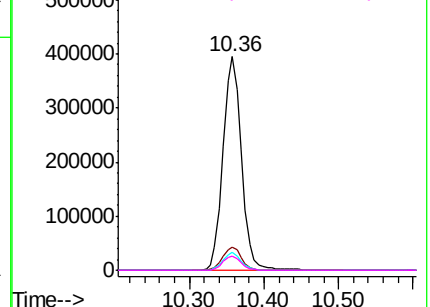


Abundance Ion 136.00 (135.70 to 136.70): E

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: 110.793 ng

RT: 8.73 min Scan# 993

Delta R.T. 0.00 min

Lab File: BP002539.D

Acq: 25 Jun 2020 13:34

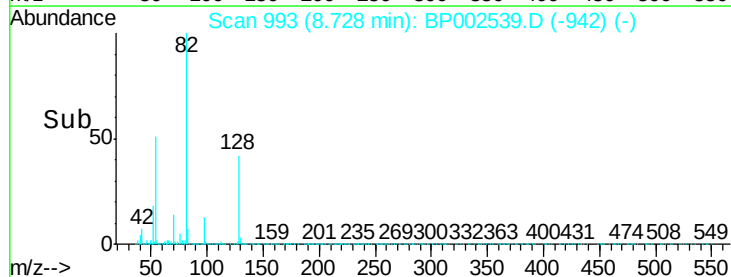
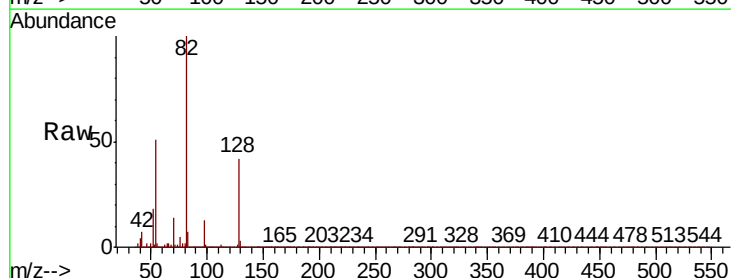
Tgt Ion: 82 Resp: 1261945

Ion Ratio Lower Upper

82 100

128 41.5 32.8 49.2

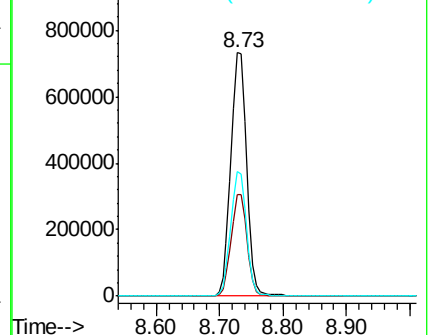
54 51.2 39.9 59.9

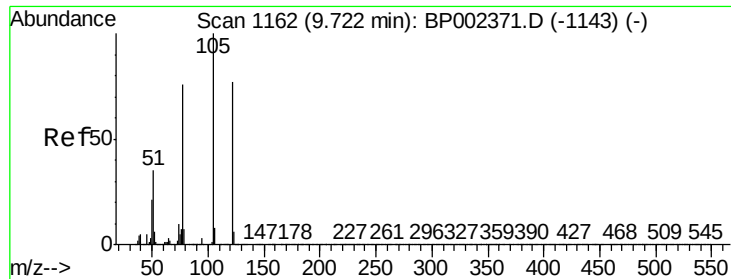


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

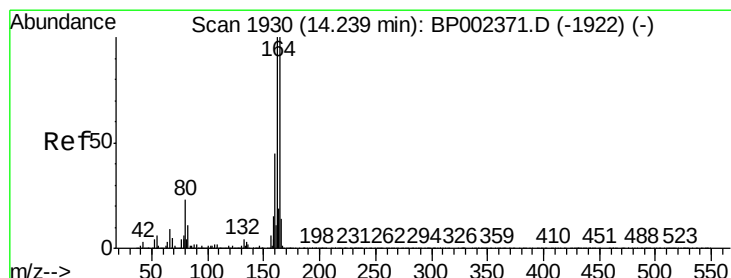
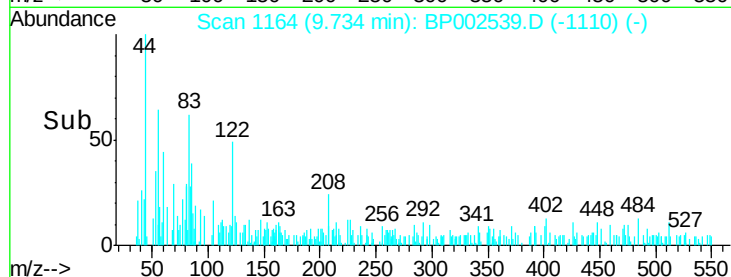
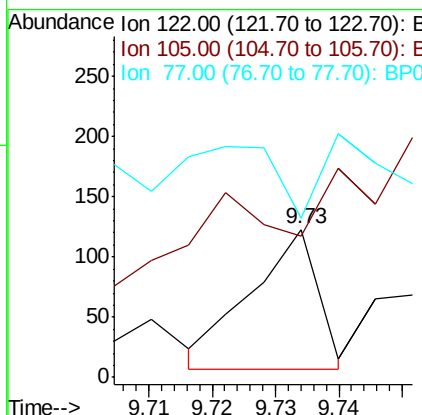
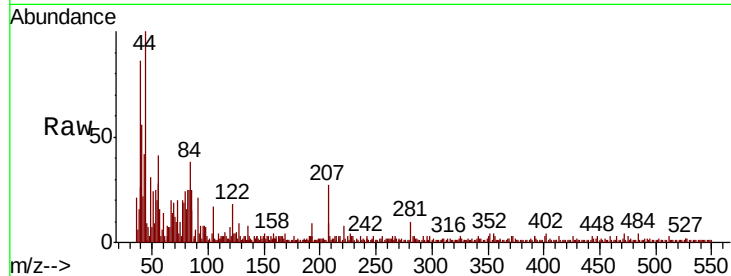




#32
Benzoic acid
Concen: 4.610 ng
RT: 9.73 min Scan# 1164
Delta R.T. 0.02 min
Lab File: BP002539.D
Acq: 25 Jun 2020 13:34

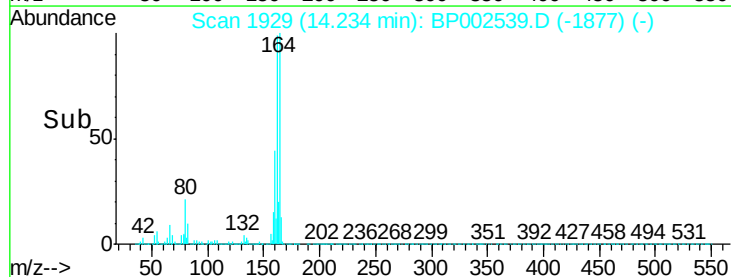
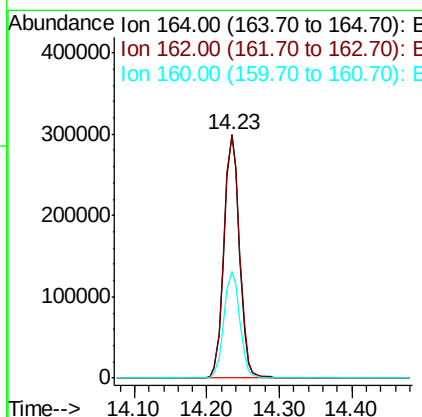
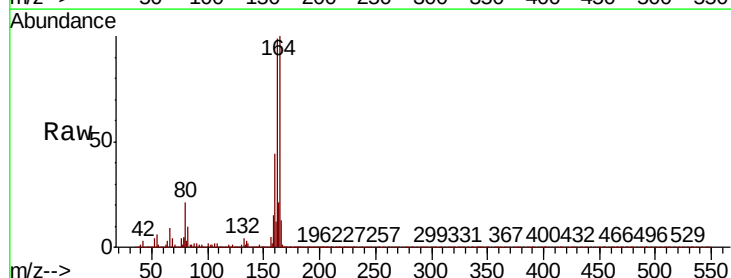
Instrument :
BNA_P
ClientSampled :

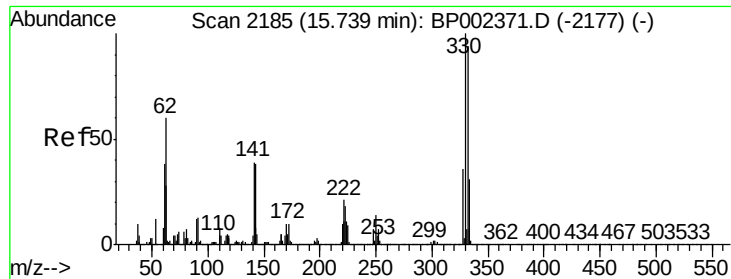
Tot Ion	Ratio	Lower	Upper
122	100		
105	95.1	105.0	145.0#
77	107.3	76.9	116.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BP002539.D
Acq: 25 Jun 2020 13:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.6	121.0
160	43.9	35.4	53.2

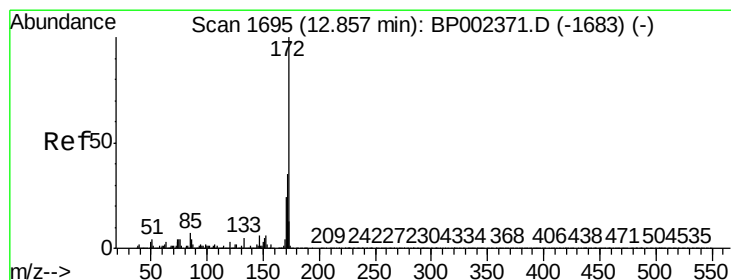
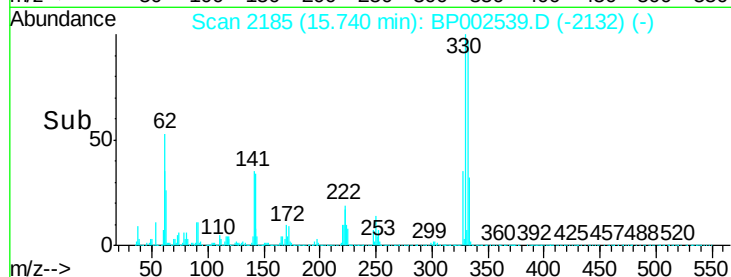
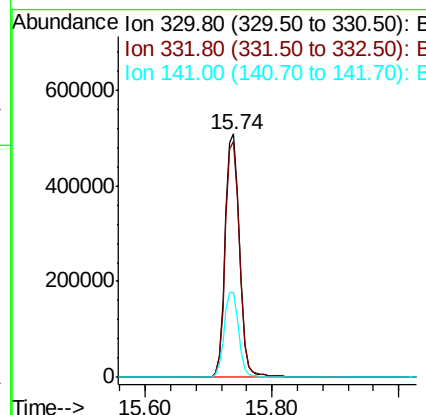
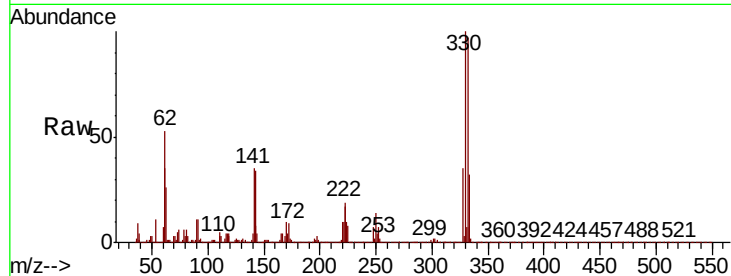




#42
2,4,6-Tribromophenol
Concen: 191.281 ng
RT: 15.74 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BP002539.D
Acq: 25 Jun 2020 13:34

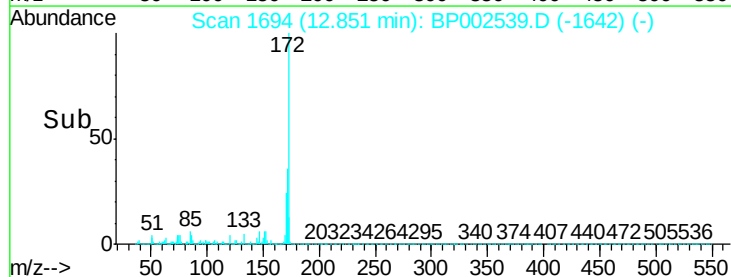
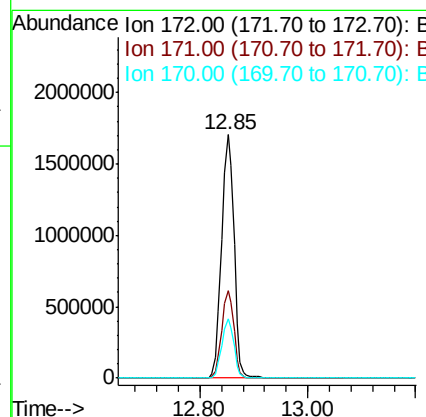
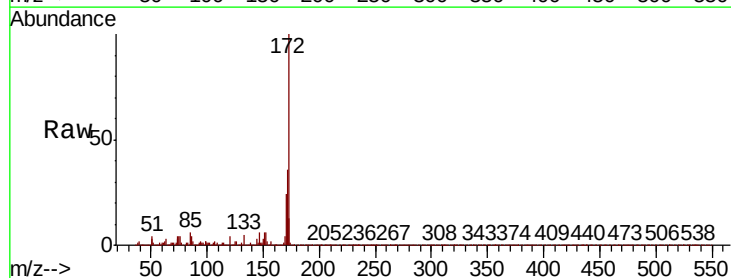
Instrument :
BNA_P
ClientSampleId :

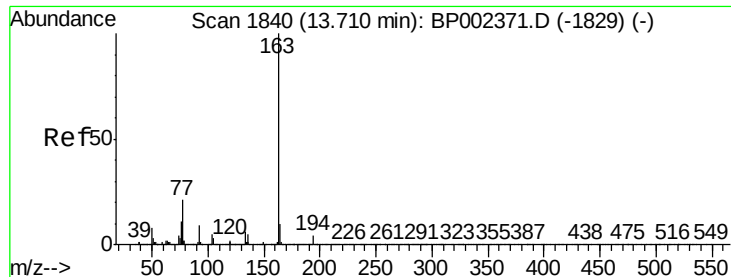
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.2	115.8
141	35.9	30.4	45.6



#45
2-Fluorobiphenyl
Concen: 105.175 ng
RT: 12.85 min Scan# 1694
Delta R.T. 0.01 min
Lab File: BP002539.D
Acq: 25 Jun 2020 13:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	24.1	19.0	28.6





#50

Dimethylphthalate

Concen: 10.163 ng

RT: 13.70 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BP002539.D

Acq: 25 Jun 2020 13:34

Instrument :

BNA_P

ClientSampleId :

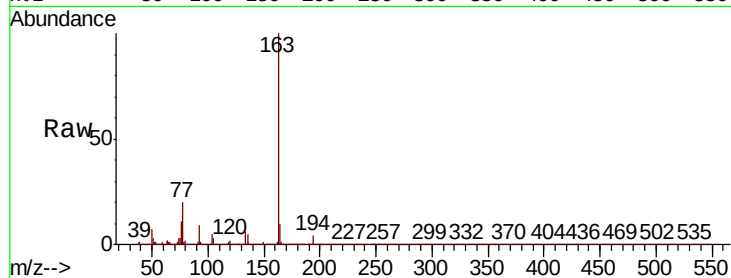
Tot Ion:163 Resp: 308946

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

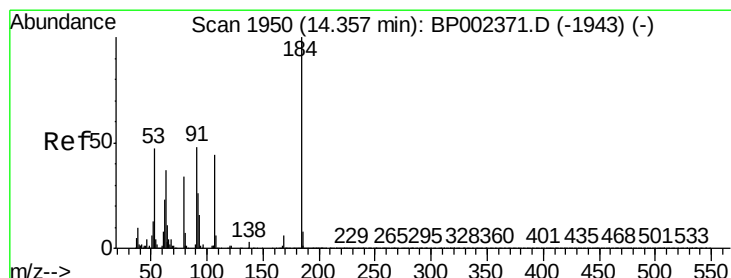
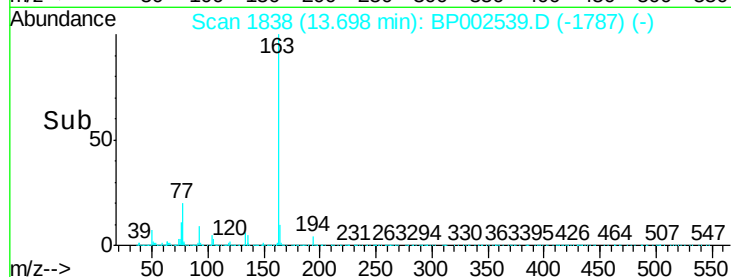
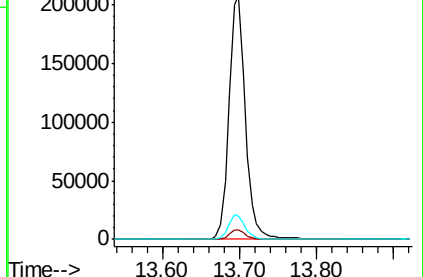
164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 2.790 ng

RT: 14.35 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BP002539.D

Acq: 25 Jun 2020 13:34

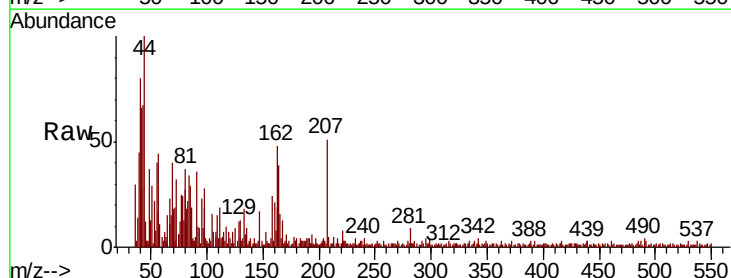
Tgt Ion:184 Resp: 18

Ion Ratio Lower Upper

184 100

63 120.0 51.3 76.9#

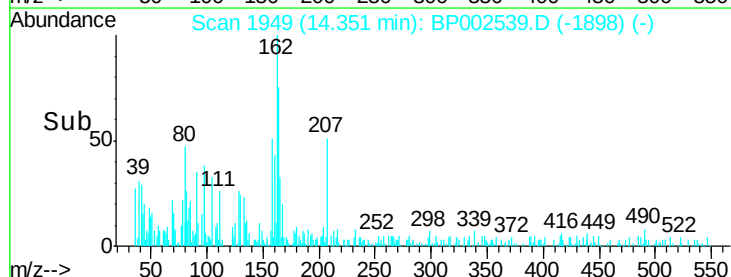
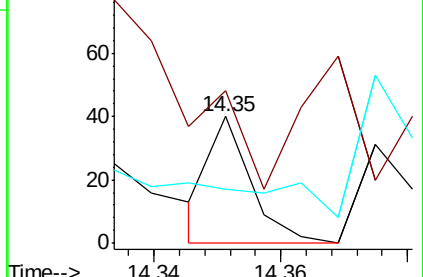
154 70.0 50.2 75.2

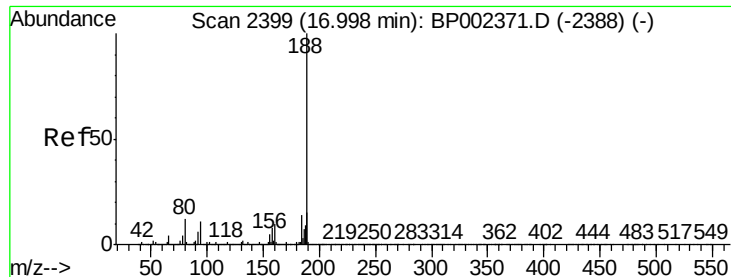


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BP002539.D

Acq: 25 Jun 2020 13:34

Instrument :

BNA_P

ClientSampleId :

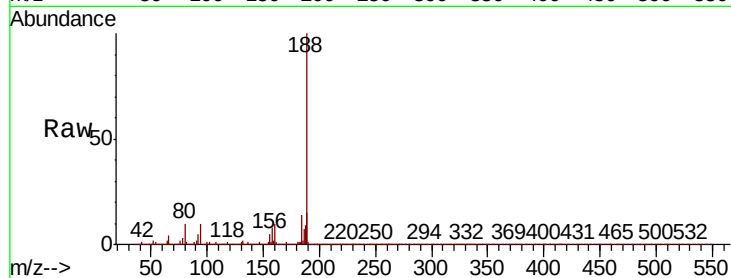
Tot Ion:188 Resp: 1025616

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

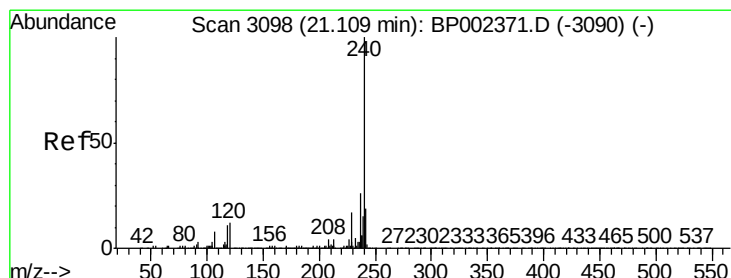
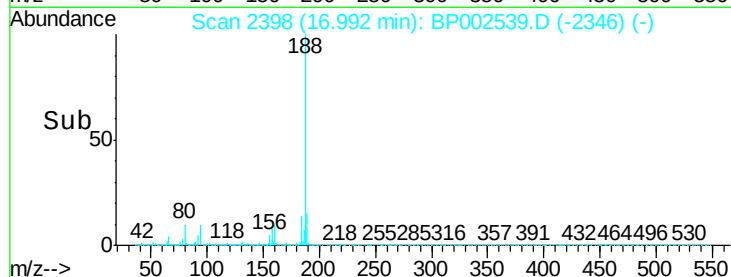
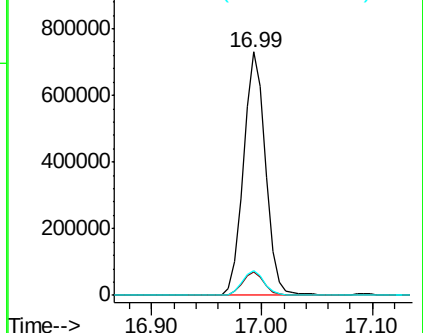
80 10.2 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BP002539.D

Acq: 25 Jun 2020 13:34

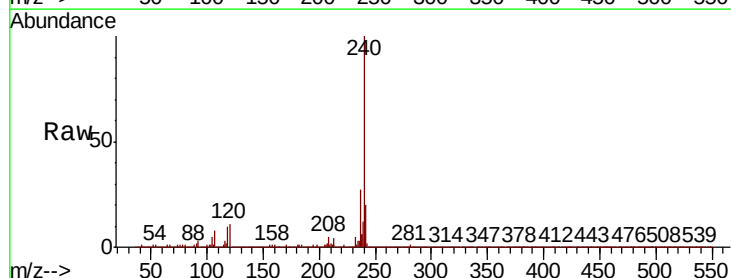
Tgt Ion:240 Resp: 1092002

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

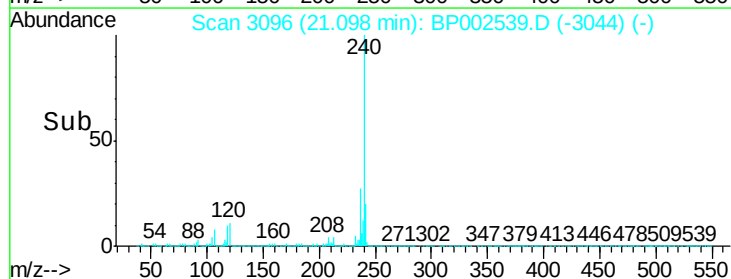
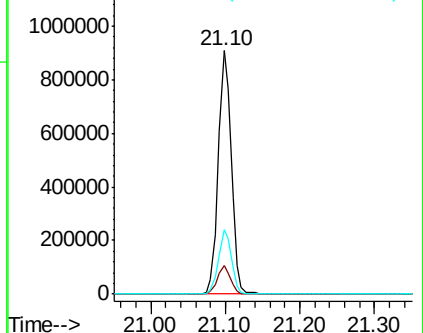
236 26.5 21.7 32.5

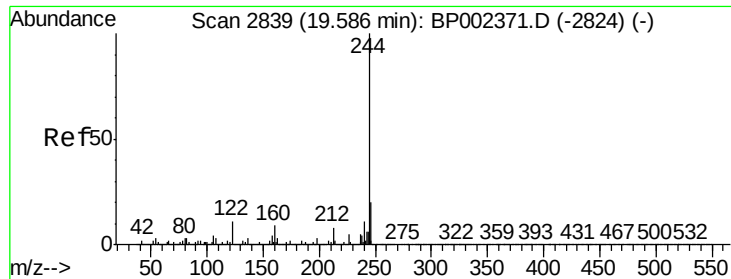


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.107 ng

RT: 19.59 min Scan# 2839

Delta R.T. 0.01 min

Lab File: BP002539.D

Acq: 25 Jun 2020 13:34

Instrument :

BNA_P

ClientSampleId :

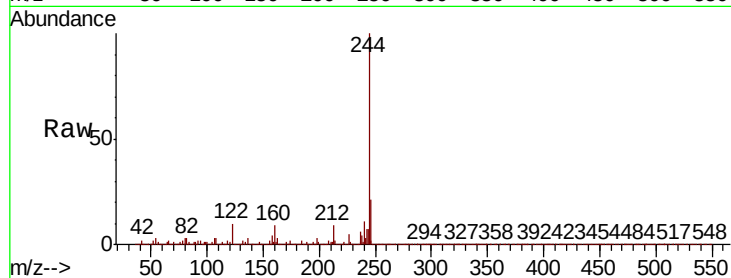
Tot Ion:244 Resp: 4215044

Ion Ratio Lower Upper

244 100

212 9.1 6.5 9.7

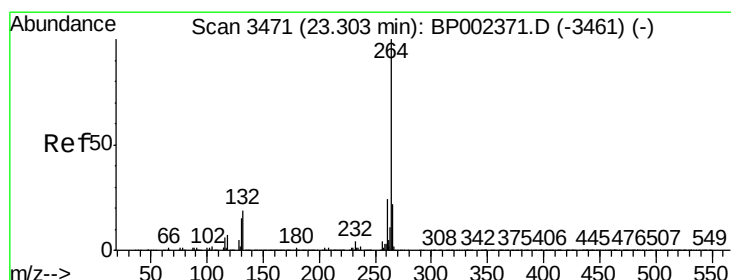
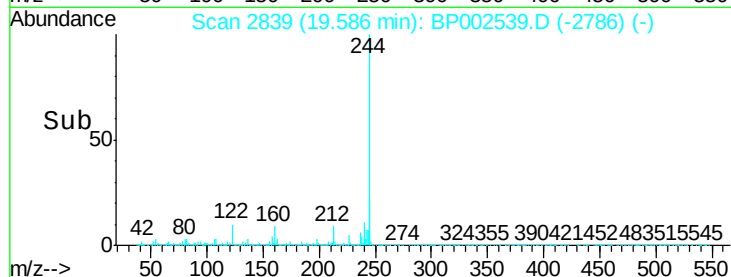
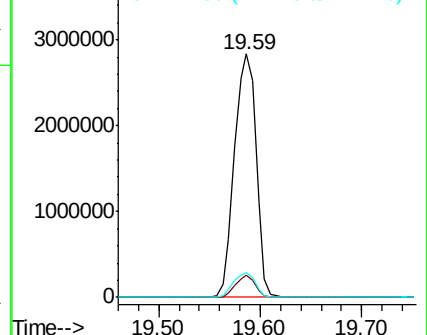
122 10.1 8.0 12.0



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: 23.30 min Scan# 3471

Delta R.T. 0.02 min

Lab File: BP002539.D

Acq: 25 Jun 2020 13:34

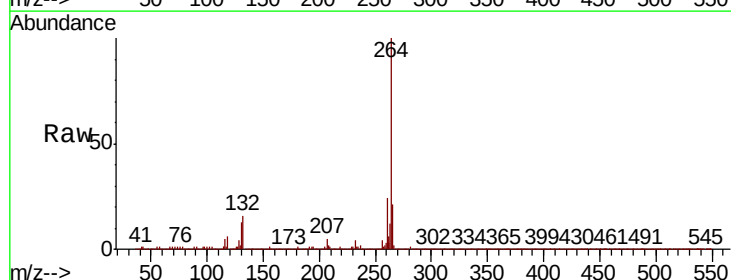
Tgt Ion:264 Resp: 1223912

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

265 21.3 17.6 26.4



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

