

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062220\
 Data File : BP002484.D
 Acq On : 22 Jun 2020 17:32
 Operator : CG/JU
 Sample : L3080-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JFK-GW-01-15-D

Quant Time: Jun 22 18:19:15 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	134795	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	539897	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	330691	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	714196	20.00	ng	0.00
76) Chrysene-d12	21.10	240	745893	20.00	ng	-0.01
86) Perylene-d12	23.30	264	807565	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	452662	62.14	ng	0.00
7) Phenol-d6	6.78	99	357256	36.84	ng	0.00
23) Nitrobenzene-d5	8.73	82	960880	106.28	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	516840	163.24	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1908732	97.05	ng	0.00
79) Terphenyl-d14	19.58	244	2982016	111.37	ng	0.00

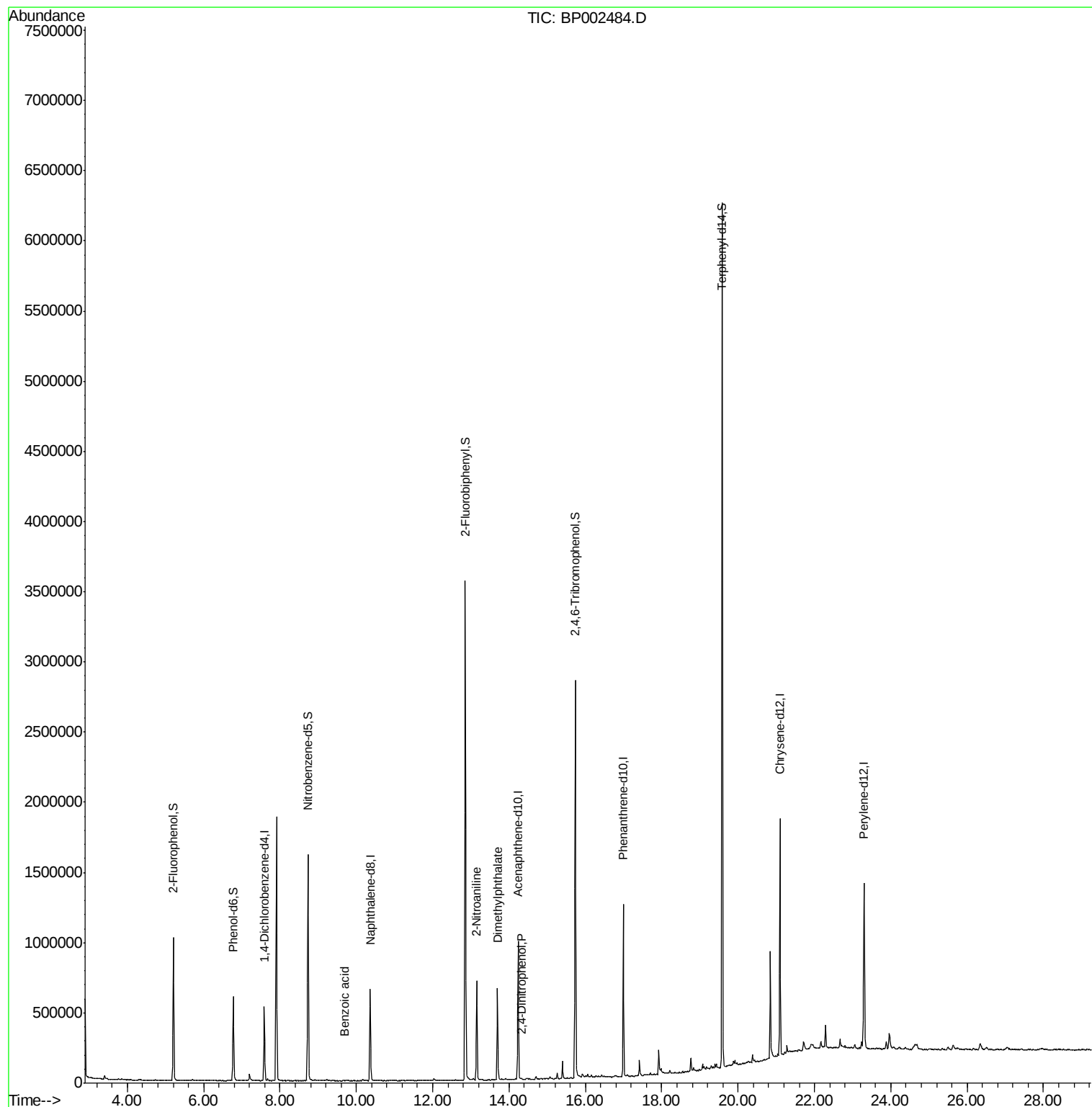
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	96	Below Cal	#	57
32) Benzoic acid	9.70	122	50	4.607 ng	#	54
48) 2-Nitroaniline	13.16	65	12687	2.242 ng	#	12
50) Dimethylphthalate	13.70	163	438596	19.356 ng		99
54) 2,4-Dinitrophenol	14.33	184	11	2.790 ng	#	1
61) 4-Chlorophenyl-phenylether	15.28	204	11	Below Cal	#	1

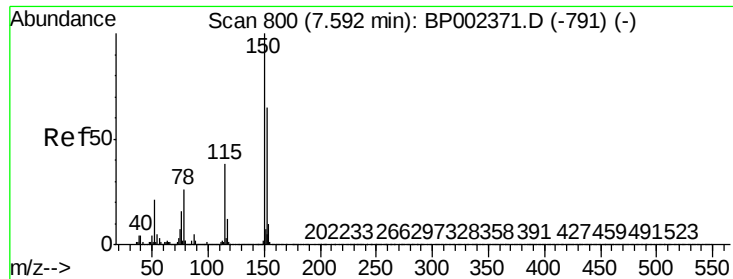
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 799

Delta R.T. -0.01 min

Lab File: BP002484.D

Acq: 22 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

JFK-GW-01-15-D

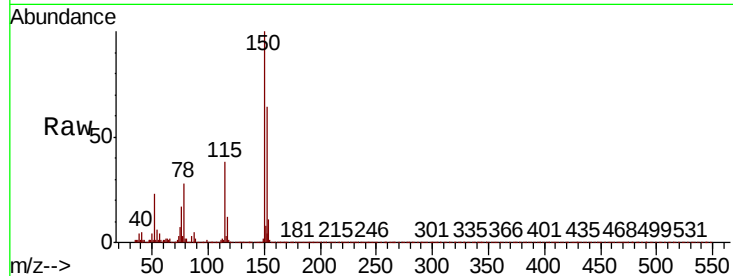
Tot Ion:152 Resp: 134795

Ion Ratio Lower Upper

152 100

150 155.3 124.0 186.0

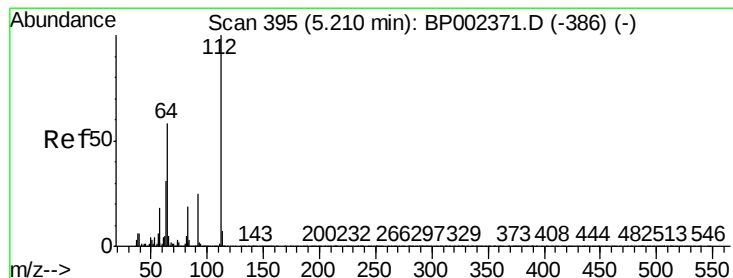
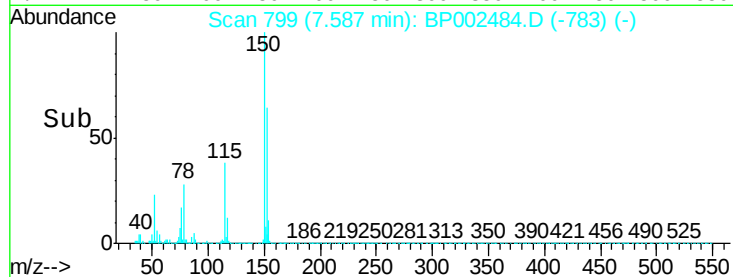
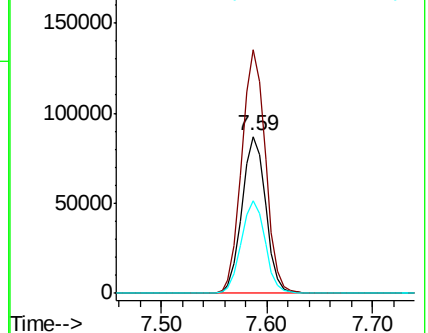
115 59.4 47.4 71.0



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: 62.140 ng

RT: 5.21 min Scan# 395

Delta R.T. 0.00 min

Lab File: BP002484.D

Acq: 22 Jun 2020 17:32

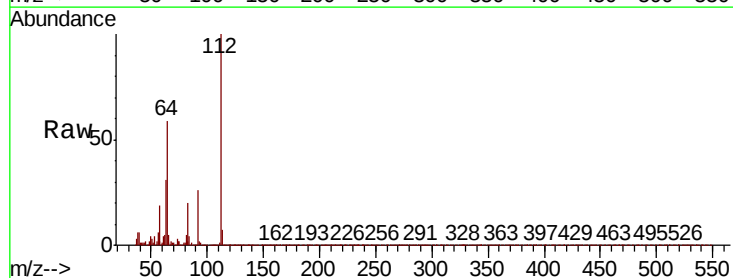
Tgt Ion:112 Resp: 452662

Ion Ratio Lower Upper

112 100

64 58.9 46.2 69.2

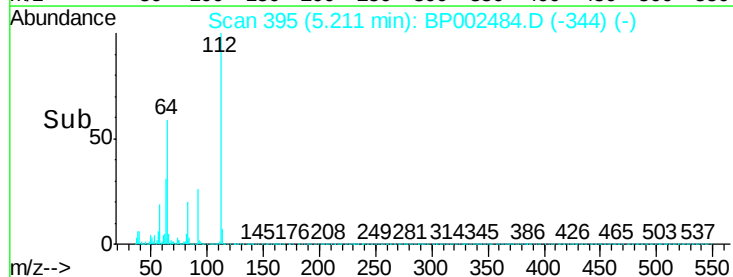
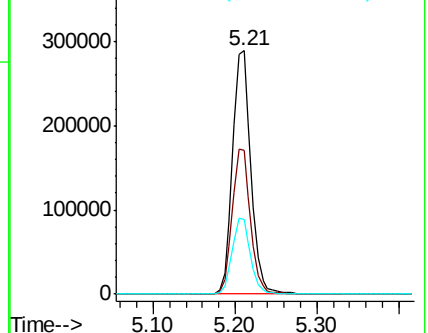
63 30.8 24.5 36.7

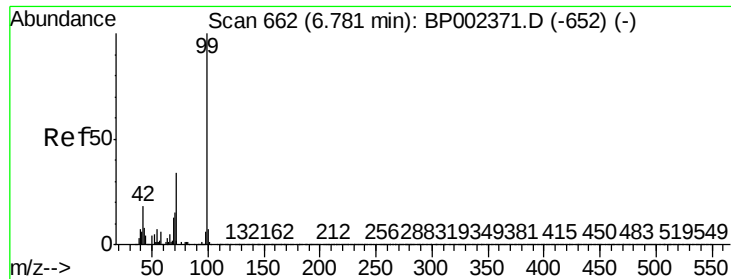


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 36.836 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002484.D

Acq: 22 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

JFK-GW-01-15-D

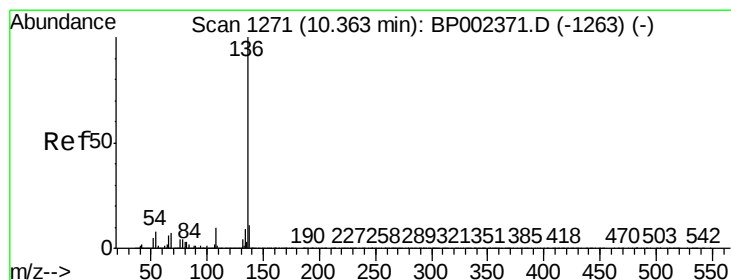
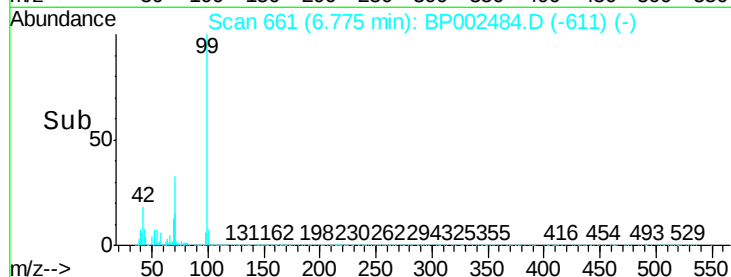
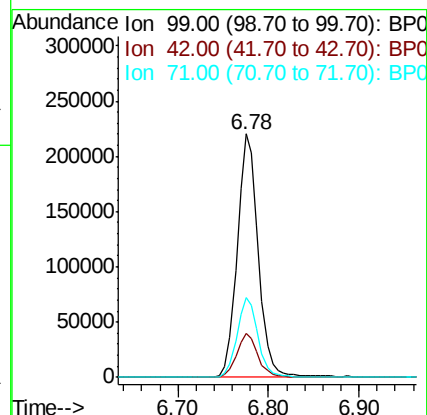
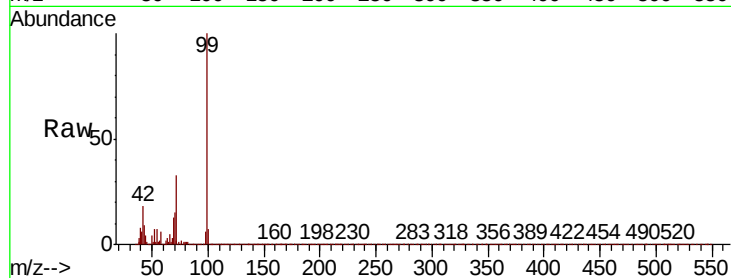
Tot Ion: 99 Resp: 357256

Ion Ratio Lower Upper

99 100

42 18.0 14.6 22.0

71 32.9 27.2 40.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BP002484.D

Acq: 22 Jun 2020 17:32

Tgt Ion: 136 Resp: 539897

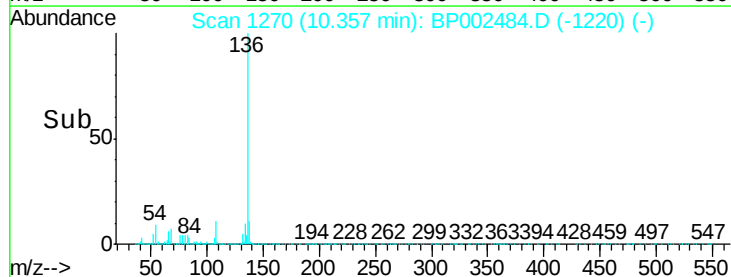
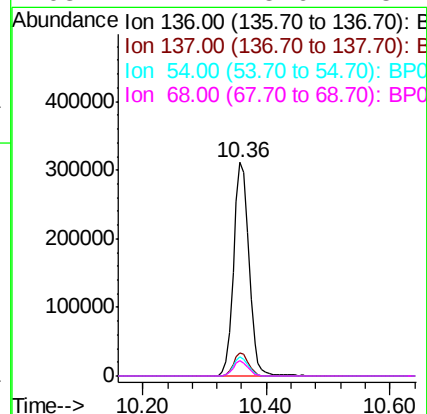
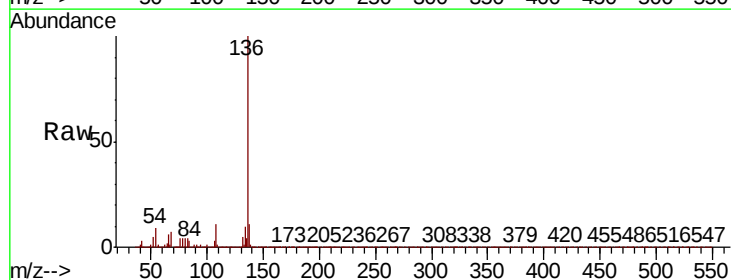
Ion Ratio Lower Upper

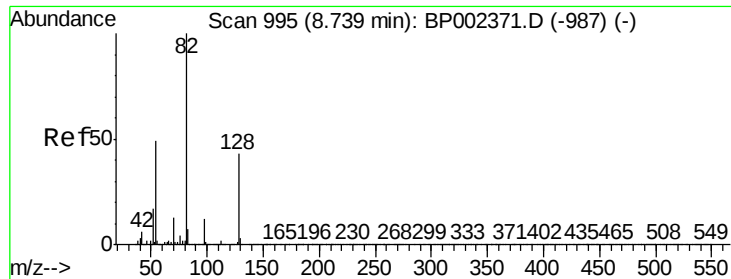
136 100

137 10.9 8.8 13.2

54 8.7 6.4 9.6

68 7.1 5.6 8.4

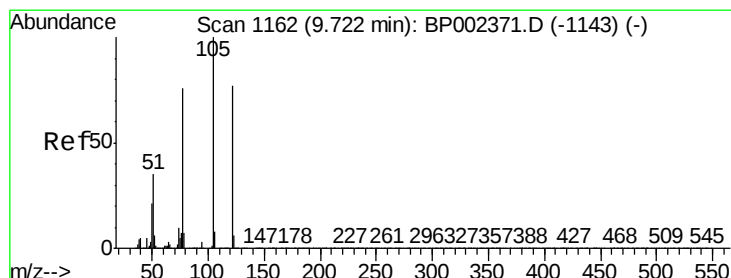
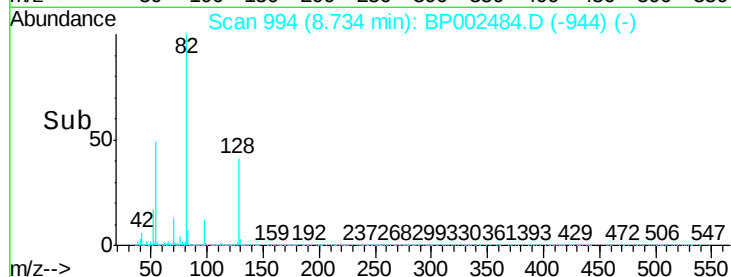
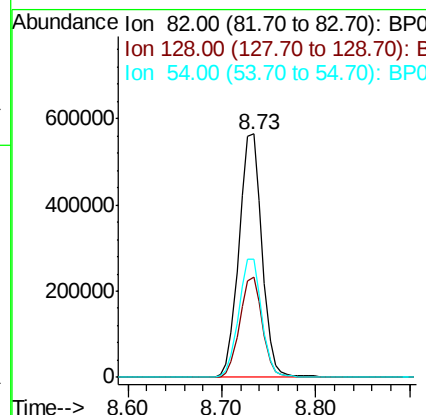
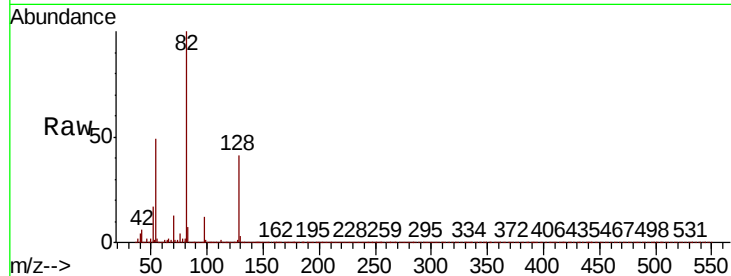




#23
 Nitrobenzene-d5
 Concen: 106.285 ng
 RT: 8.73 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BP002484.D
 Acq: 22 Jun 2020 17:32

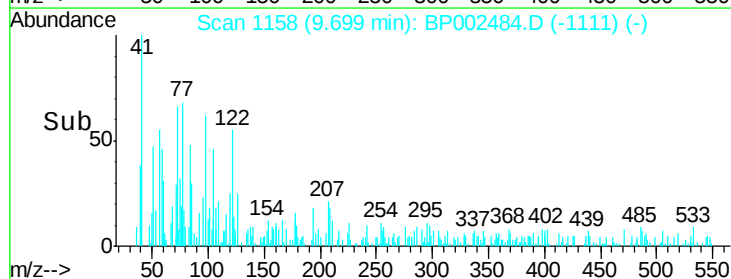
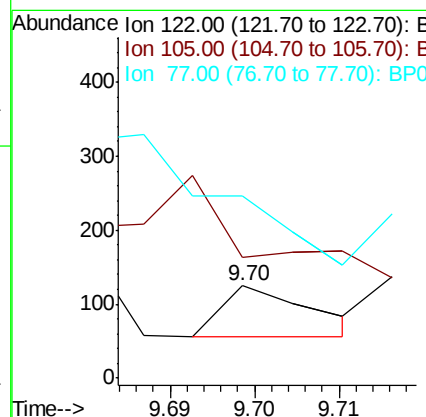
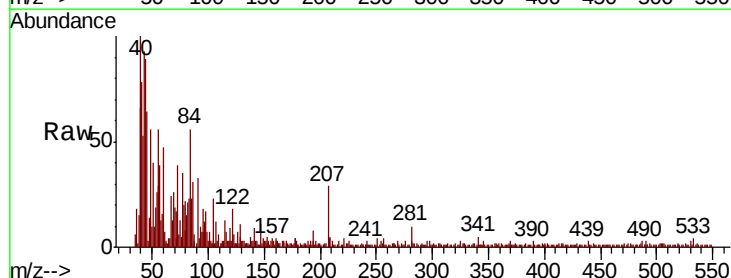
Instrument :
 BNA_P
 ClientSampleId :
 JFK-GW-01-15-D

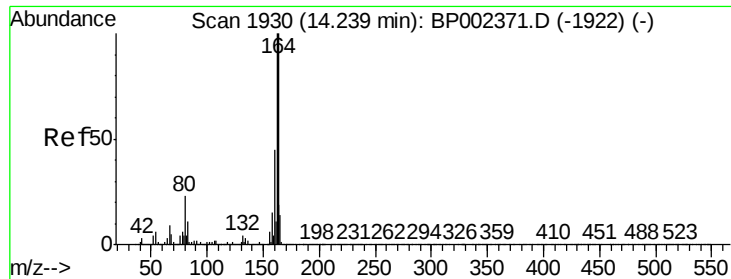
Tot Ion	82	Resp	960880
Ion Ratio	Lower	Upper	
82	100		
128	41.3	34.5	51.7
54	48.8	39.4	59.2



#32
 Benzoic acid
 Concen: 4.607 ng
 RT: 9.70 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: BP002484.D
 Acq: 22 Jun 2020 17:32

Tgt Ion	122	Resp	50
Ion Ratio	Lower	Upper	
122	100		
105	130.4	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: BP002484.D

Acq: 22 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

JFK-GW-01-15-D

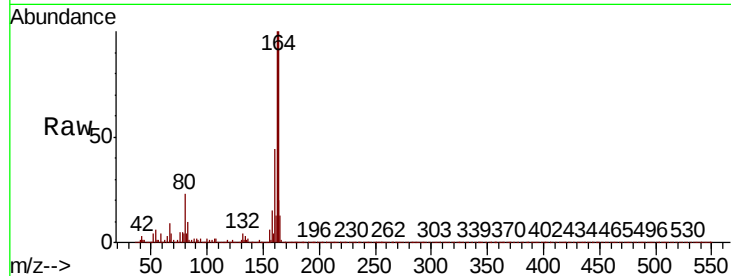
Tot Ion:164 Resp: 330691

Ion Ratio Lower Upper

164 100

162 100.3 79.8 119.8

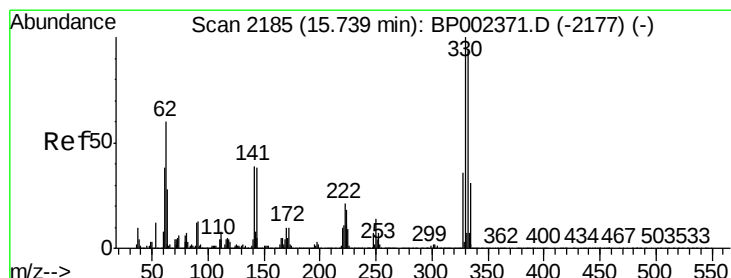
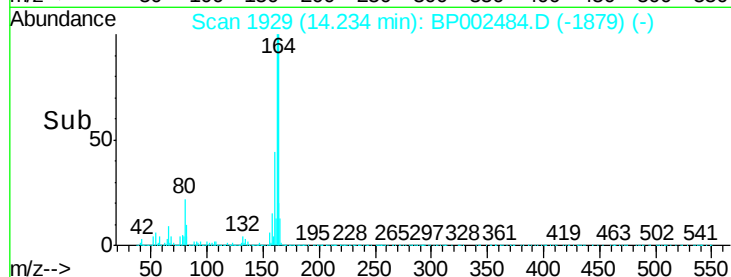
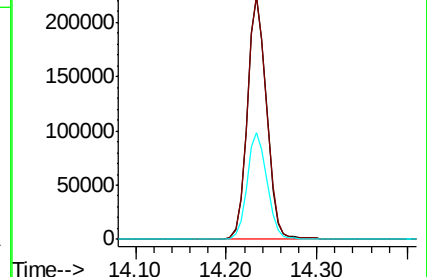
160 44.2 36.2 54.2



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: 163.240 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002484.D

Acq: 22 Jun 2020 17:32

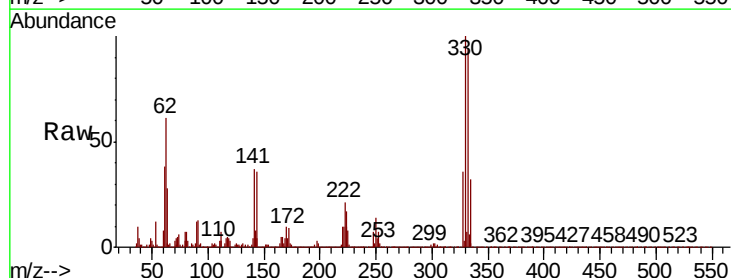
Tgt Ion:330 Resp: 516840

Ion Ratio Lower Upper

330 100

332 95.1 76.6 115.0

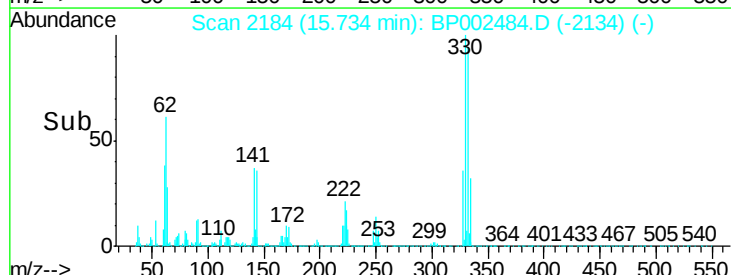
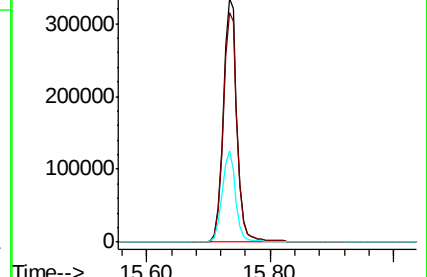
141 36.5 30.3 45.5

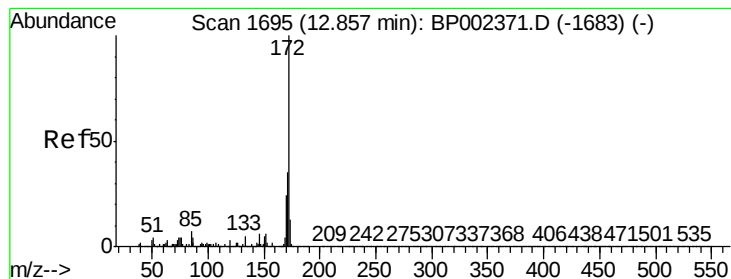


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 97.051 ng

RT: 12.85 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BP002484.D

Acq: 22 Jun 2020 17:32

Instrument :

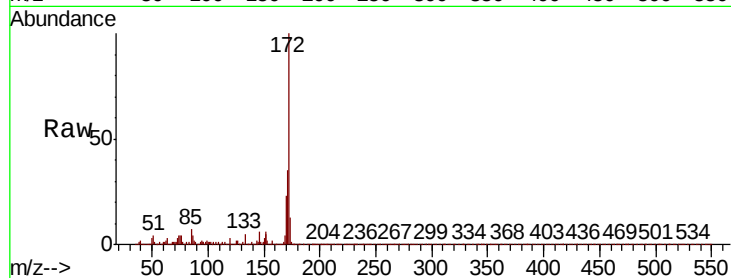
BNA_P

ClientSampleId :

JFK-GW-01-15-D

Tot Ion:172 Resp: 1908732

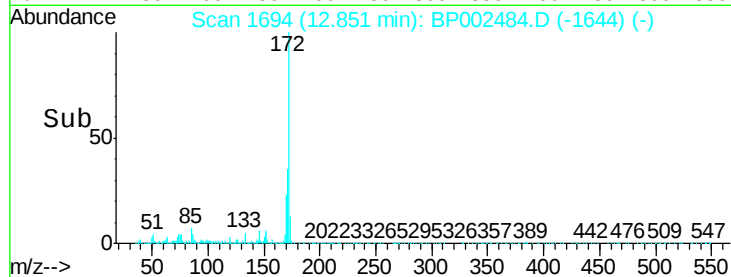
Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.8
170	23.4	19.0	28.6



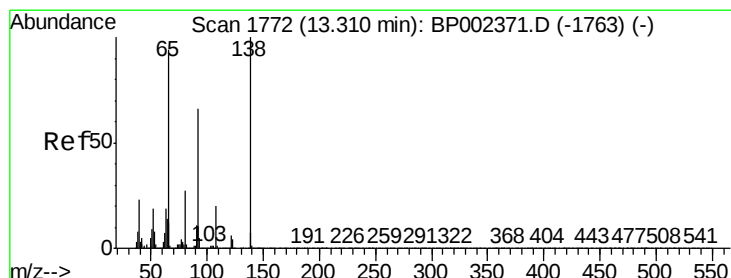
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#48

2-Nitroaniline

Concen: 2.242 ng

RT: 13.16 min Scan# 1746

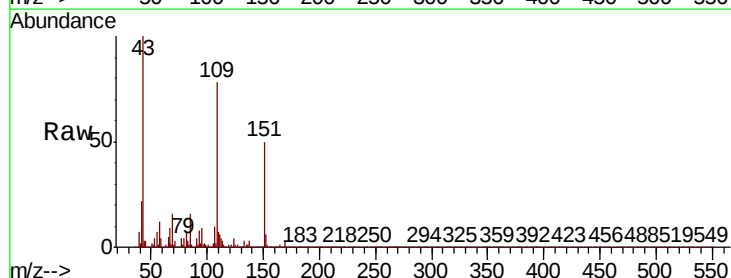
Delta R.T. -0.15 min

Lab File: BP002484.D

Acq: 22 Jun 2020 17:32

Tgt Ion: 65 Resp: 12687

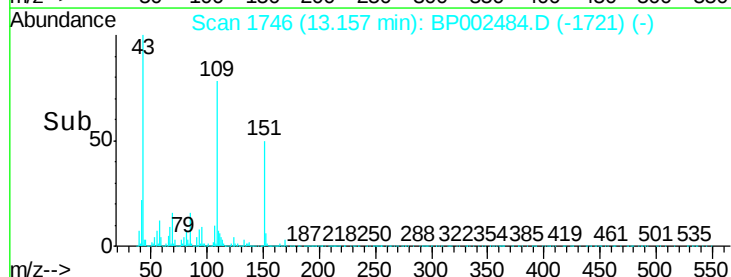
Ion	Ratio	Lower	Upper
65	100		
92	9.9	56.3	84.5#
138	4.7	85.0	127.6#



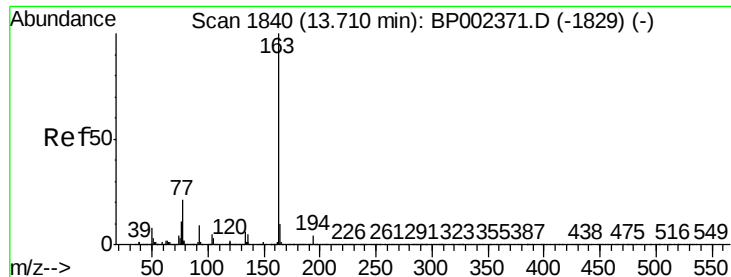
Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E



Time-->



#50

Dimethylphthalate

Concen: 19.356 ng

RT: 13.70 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BP002484.D

Acq: 22 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

JFK-GW-01-15-D

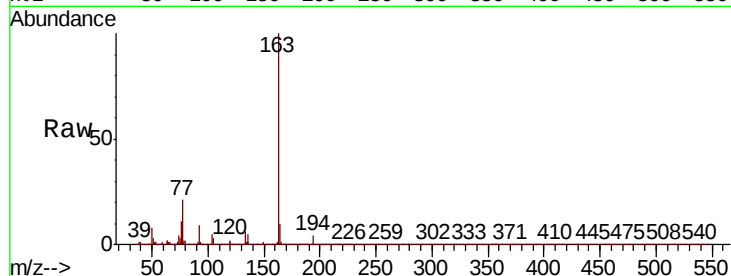
Tot Ion:163 Resp: 438596

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 9.6 8.1 12.1



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

300000

200000

100000

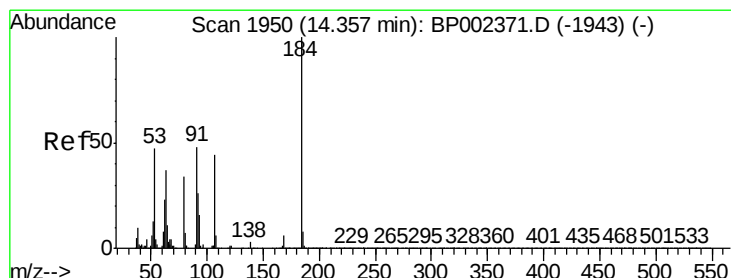
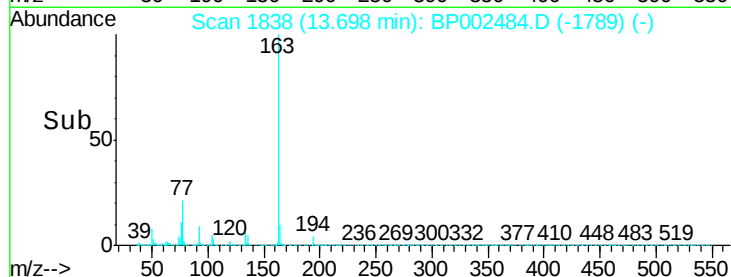
0

13.60

13.70

13.80

Time-->



#54

2,4-Dinitrophenol

Concen: 2.790 ng

RT: 14.33 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BP002484.D

Acq: 22 Jun 2020 17:32

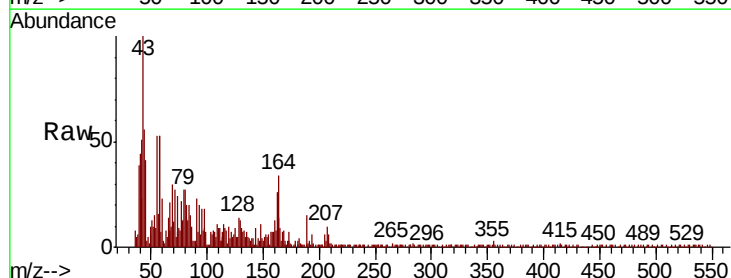
Tgt Ion:184 Resp: 11

Ion Ratio Lower Upper

184 100

63 510.7 52.3 78.5#

154 92.9 48.6 72.8#



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

250

200

150

100

50

0

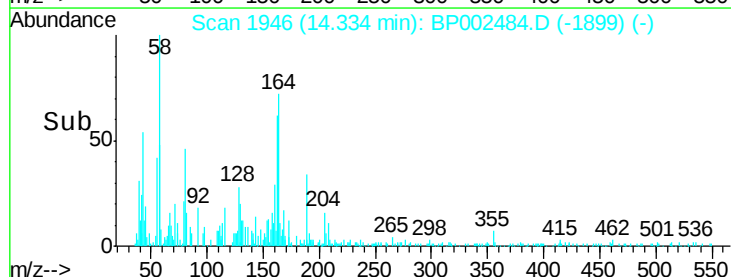
14.32

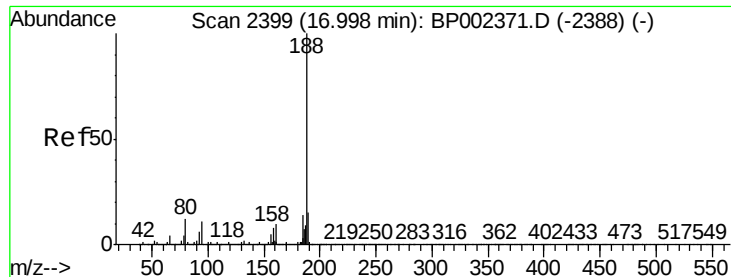
14.33

14.34

14.35

Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP002484.D

Acq: 22 Jun 2020 17:32

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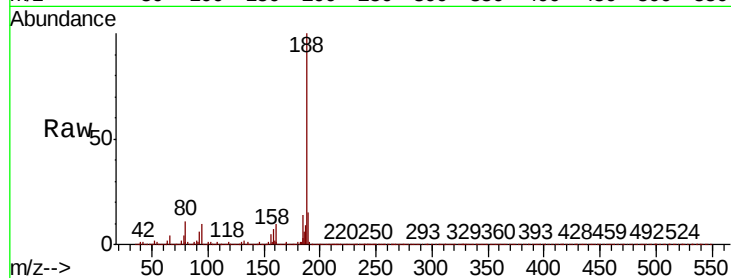
Tot Ion:188 Resp: 714196

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

80 10.8 9.4 14.0

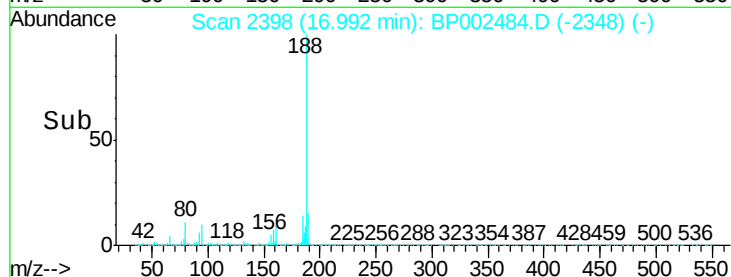


Abundance Ion 188.00 (187.70 to 188.70): E

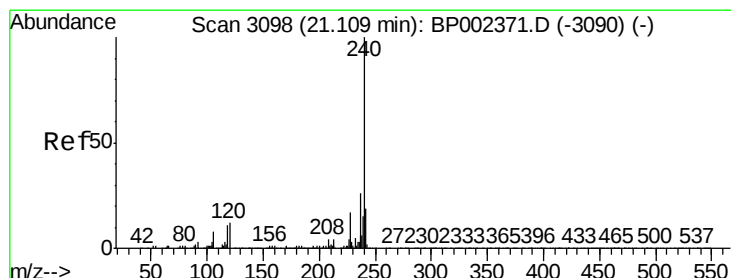
Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

Time-->



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BP002484.D

Acq: 22 Jun 2020 17:32

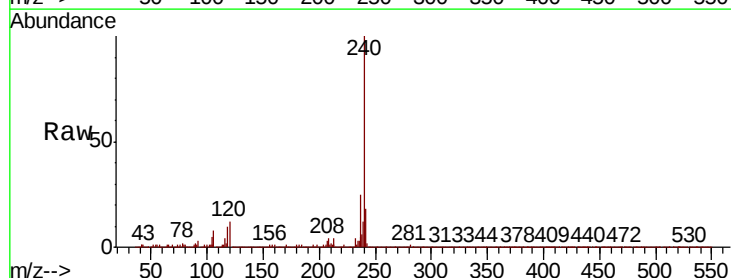
Tgt Ion:240 Resp: 745893

Ion Ratio Lower Upper

240 100

120 11.9 9.3 13.9

236 25.0 21.0 31.6

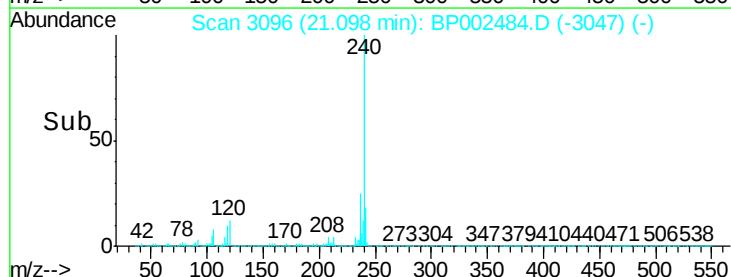


Abundance Ion 240.00 (239.70 to 240.70): E

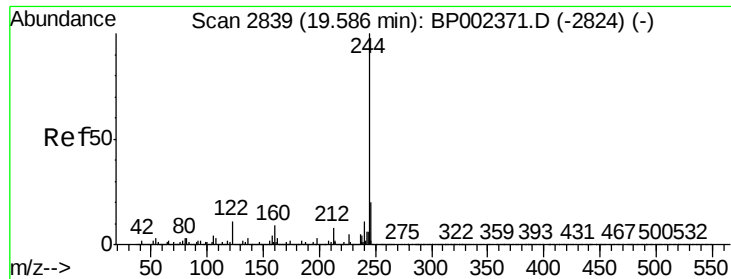
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#79

Terphenyl-d14

Concen: 111.374 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002484.D

Acq: 22 Jun 2020 17:32

Instrument :

BNA_P

ClientSampleId :

JFK-GW-01-15-D

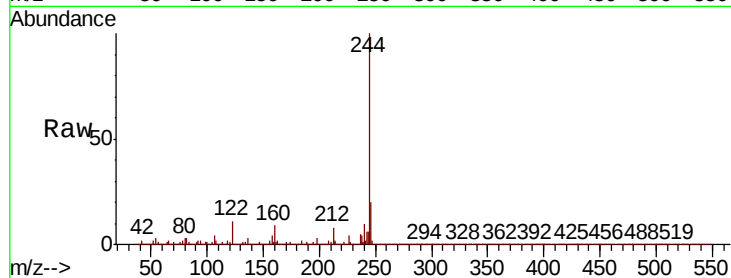
Tot Ion:244 Resp: 2982016

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

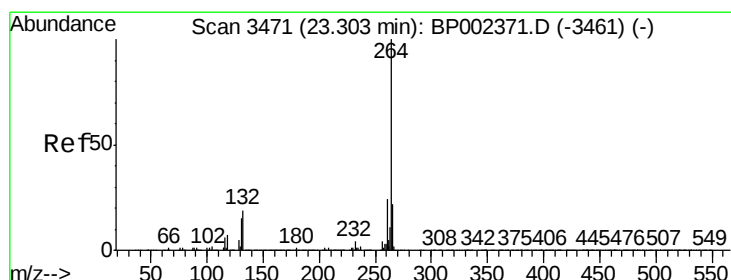
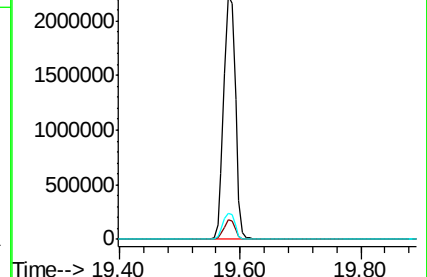
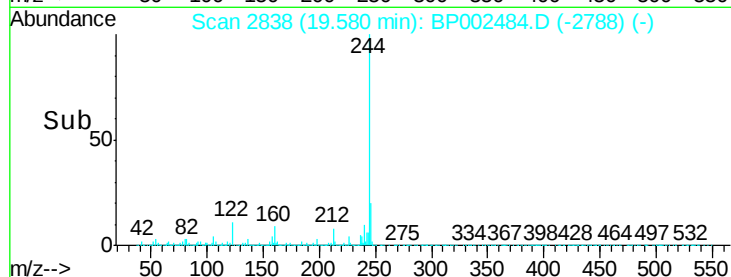
122 10.8 8.8 13.2



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: 23.30 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BP002484.D

Acq: 22 Jun 2020 17:32

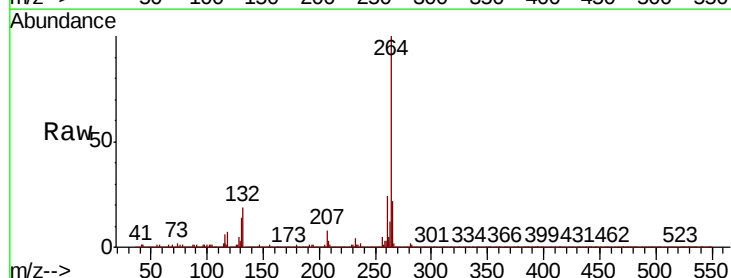
Tgt Ion:264 Resp: 807565

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 22.3 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

