

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
 Data File : BP002498.D
 Acq On : 23 Jun 2020 12:14
 Operator : CG/JU
 Sample : L3081-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JFK-WC-L-01

Quant Time: Jun 23 12:50:50 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

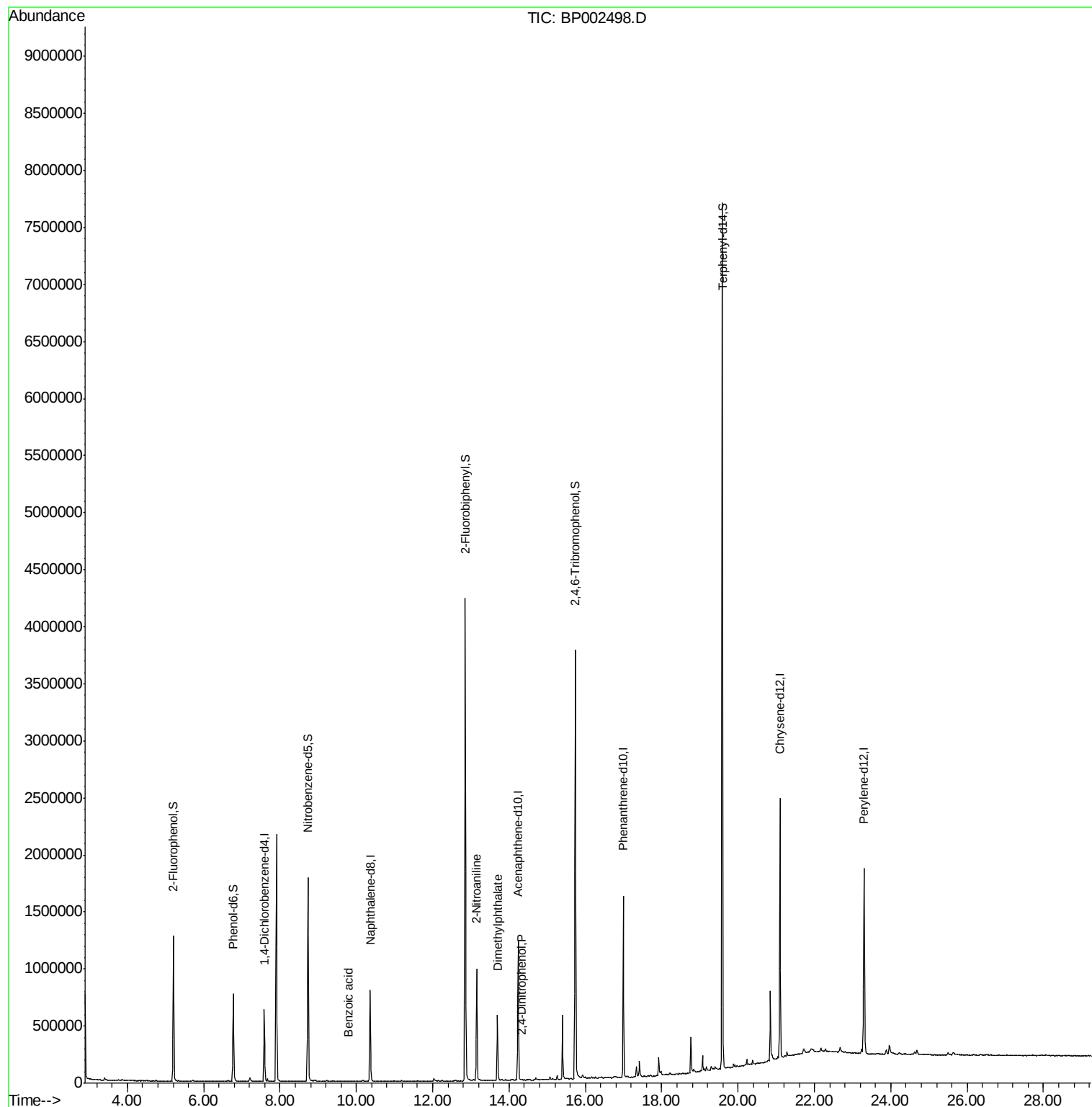
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	170249	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	659929	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	419682	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	946476	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1061601	20.00	ng	-0.01
86) Perylene-d12	23.30	264	1163920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	573845	62.37	ng	0.00
7) Phenol-d6	6.78	99	461810	37.70	ng	0.00
23) Nitrobenzene-d5	8.73	82	1084914	98.18	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	798583	198.74	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2347811	94.06	ng	0.00
79) Terphenyl-d14	19.59	244	4037038	103.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	173	Below Cal	#	33
32) Benzoic acid	9.80	122	53	4.606 ng	#	91
48) 2-Nitroaniline	13.15	65	17326	2.412 ng	#	13
50) Dimethylphthalate	13.70	163	394070	13.704 ng	#	99
54) 2,4-Dinitrophenol	14.33	184	31	2.794 ng	#	1
61) 4-Chlorophenyl-phenylether	15.29	204	60	Below Cal	#	1

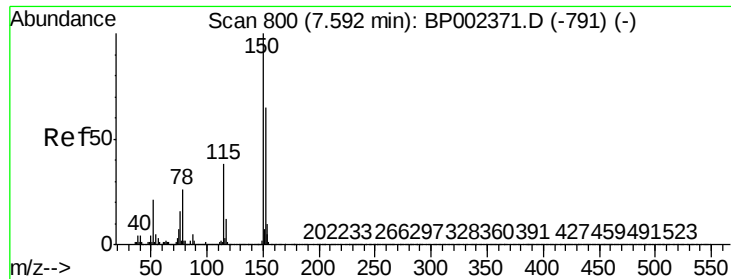
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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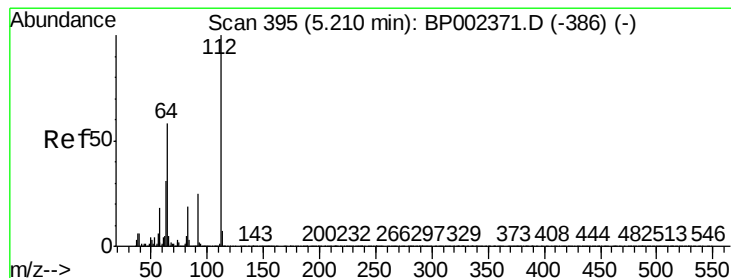
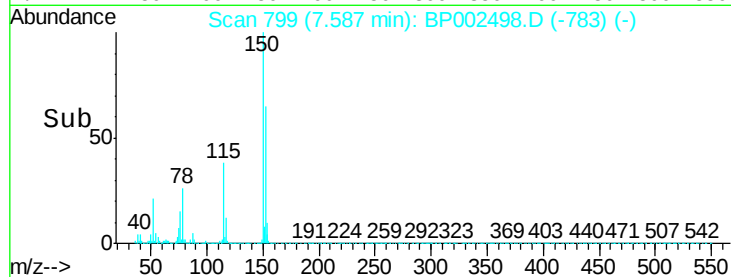
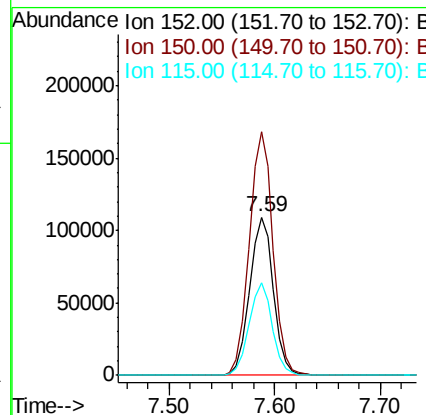
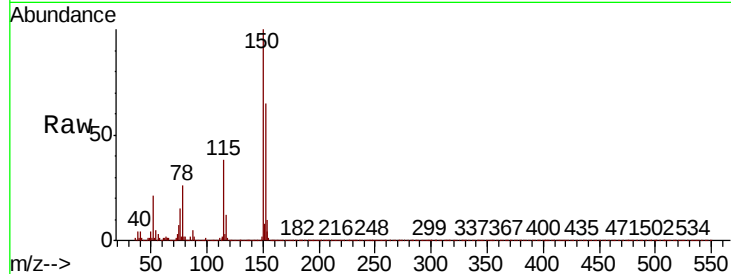


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002498.D
Acq: 23 Jun 2020 12:14

Instrument :
BNA_P
ClientSampleId :
JFK-WC-L-01

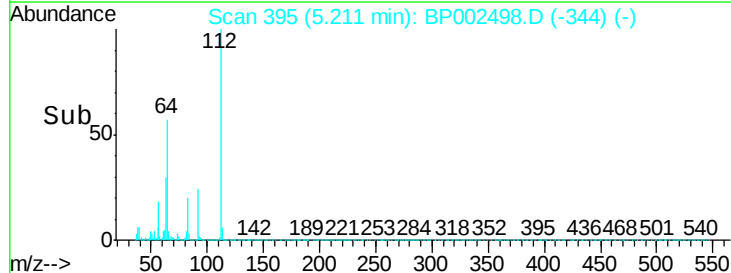
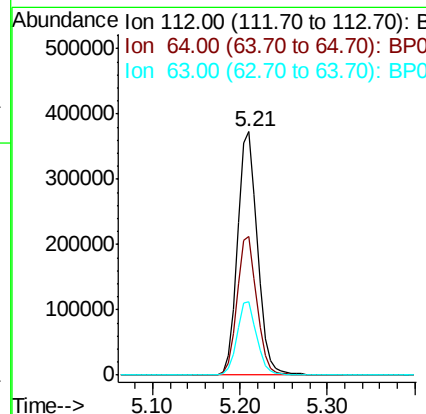
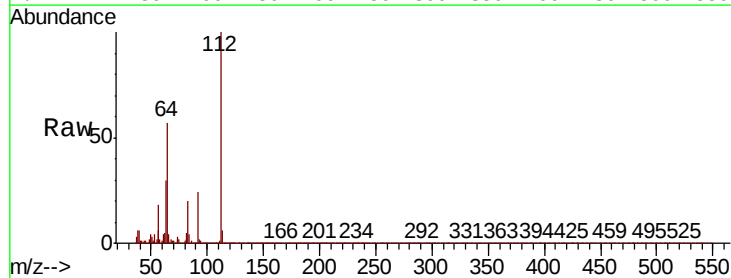
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.0	186.0
115	58.4	47.4	71.0

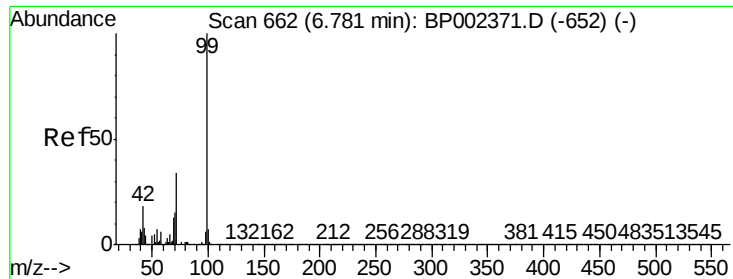


#5

2-Fluorophenol
Concen: 62.370 ng
RT: 5.21 min Scan# 395
Delta R.T. 0.00 min
Lab File: BP002498.D
Acq: 23 Jun 2020 12:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.2	69.2
63	30.2	24.5	36.7





#7

Phenol-d6

Concen: 37.700 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002498.D

Acq: 23 Jun 2020 12:14

Instrument :

BNA_P

ClientSampleId :

JFK-WC-L-01

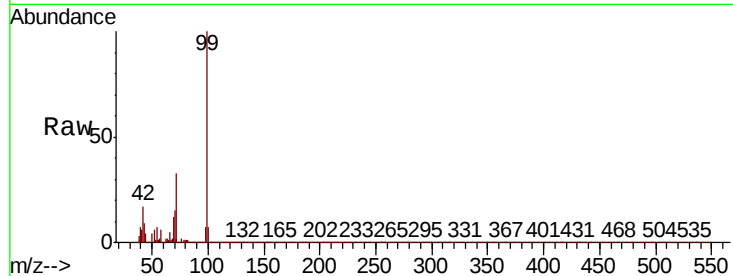
Tot Ion: 99 Resp: 461810

Ion Ratio Lower Upper

99 100

42 17.2 14.6 22.0

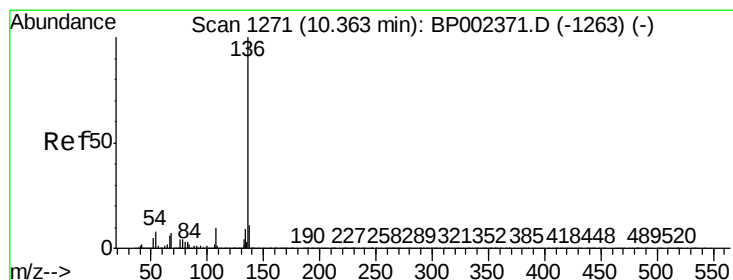
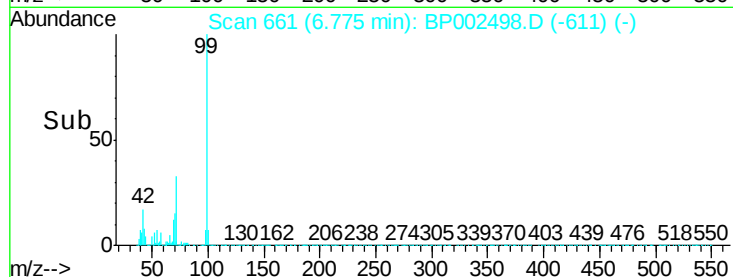
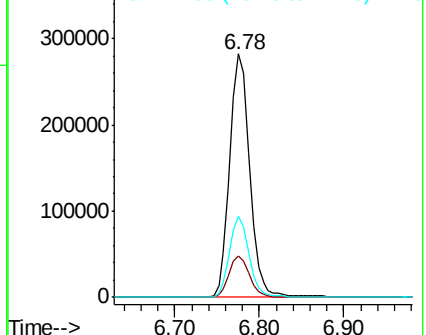
71 33.1 27.2 40.8



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: BP002498.D

Acq: 23 Jun 2020 12:14

Tgt Ion: 136 Resp: 659929

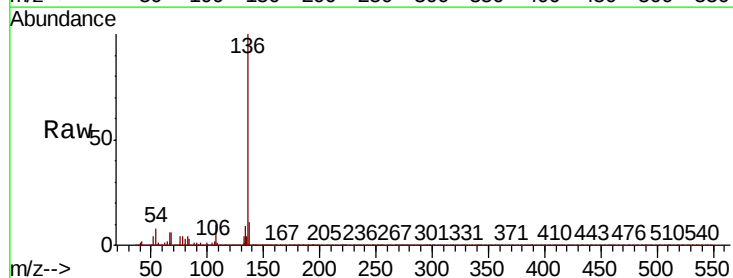
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.1 6.4 9.6

68 6.5 5.6 8.4

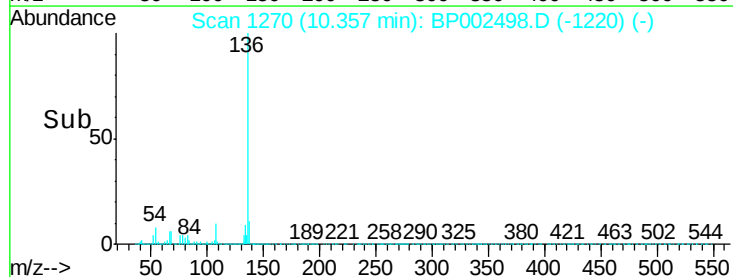
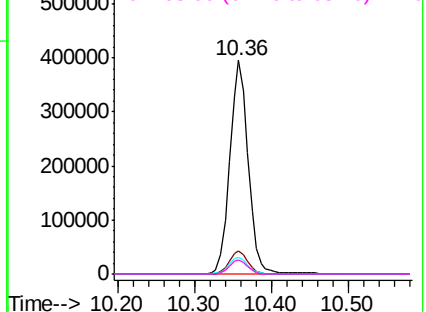


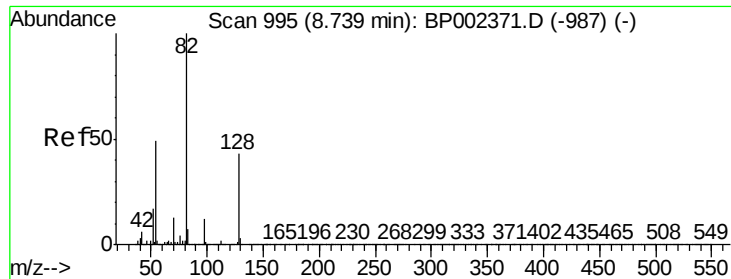
Abundance Ion 136.00 (135.70 to 136.70): E

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

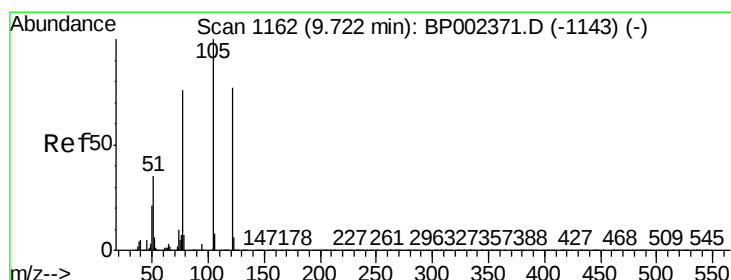
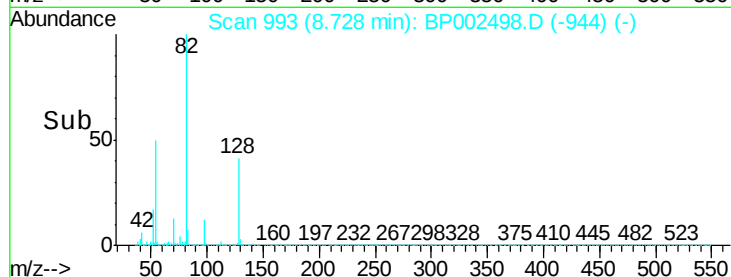
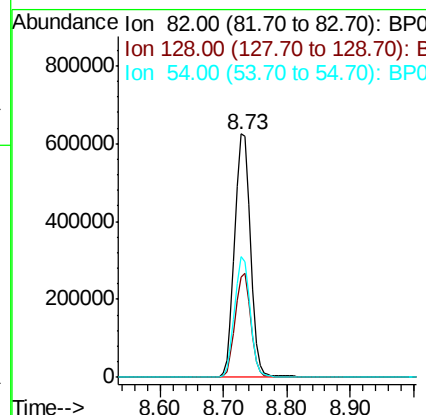
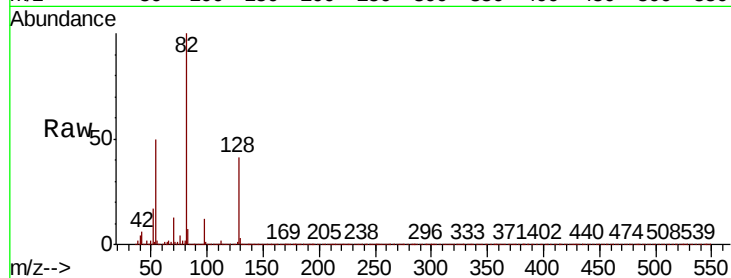




#23
Nitrobenzene-d5
Concen: 98.177 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002498.D
Acq: 23 Jun 2020 12:14

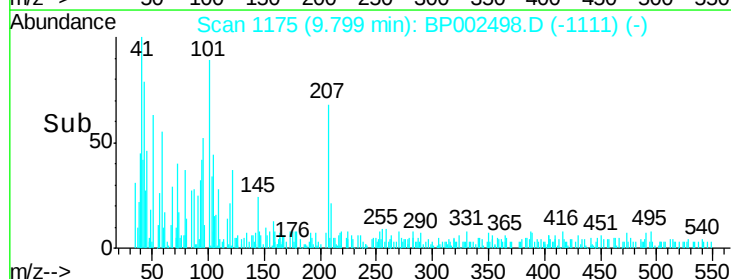
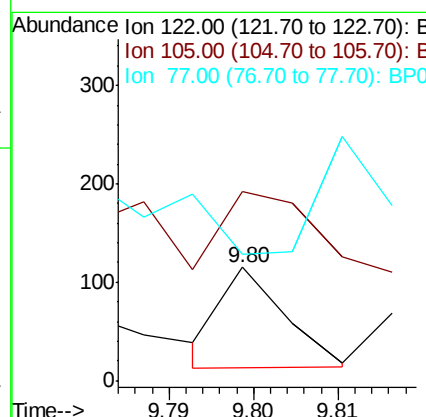
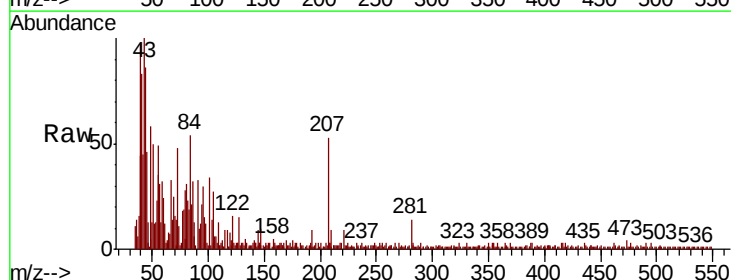
Instrument :
BNA_P
ClientSampleId :
JFK-WC-L-01

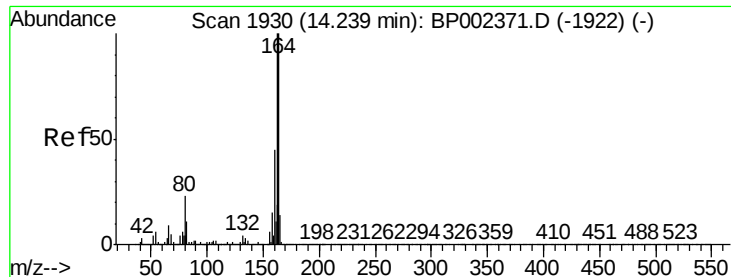
Tot Ion: 82 Resp: 1084914
Ion Ratio Lower Upper
82 100
128 40.9 34.5 51.7
54 49.7 39.4 59.2



#32
Benzoic acid
Concen: 4.606 ng
RT: 9.80 min Scan# 1175
Delta R.T. 0.08 min
Lab File: BP002498.D
Acq: 23 Jun 2020 12:14

Tgt Ion: 122 Resp: 53
Ion Ratio Lower Upper
122 100
105 142.2 106.3 146.3
77 94.8 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: BP002498.D

Acq: 23 Jun 2020 12:14

Instrument :

BNA_P

ClientSampleId :

JFK-WC-L-01

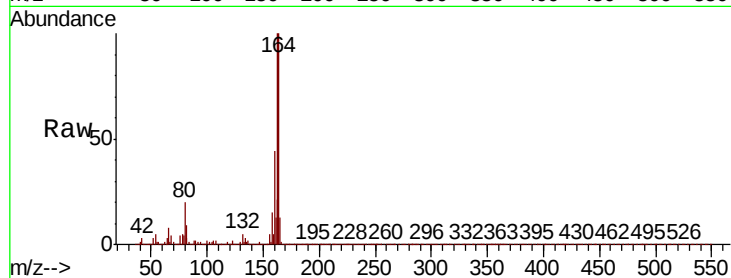
Tot Ion:164 Resp: 419682

Ion Ratio Lower Upper

164 100

162 99.6 79.8 119.8

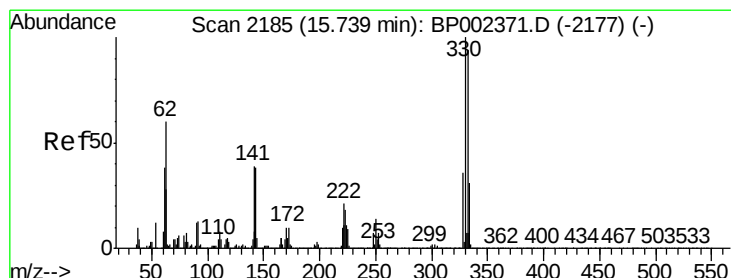
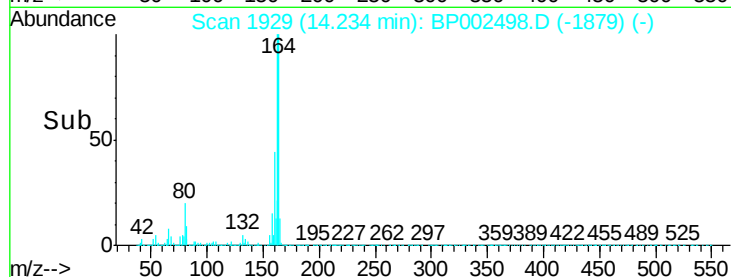
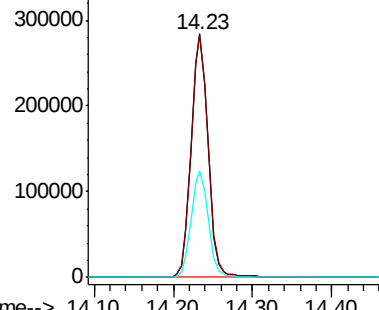
160 43.6 36.2 54.2



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: 198.744 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002498.D

Acq: 23 Jun 2020 12:14

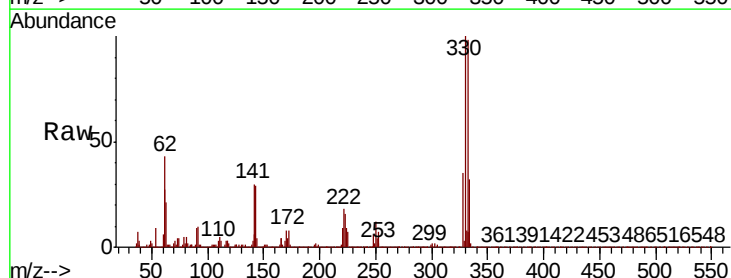
Tgt Ion:330 Resp: 798583

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

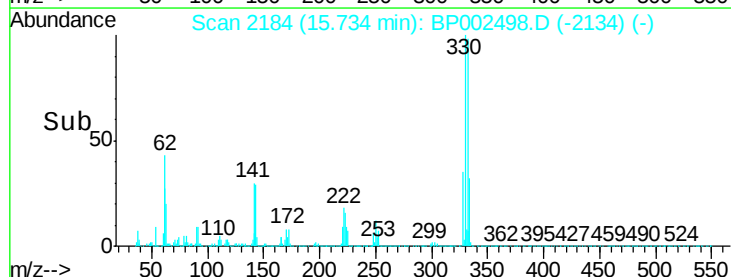
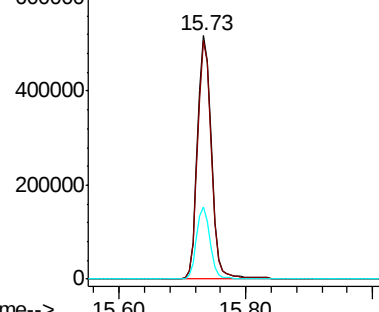
141 29.1 30.3 45.5#

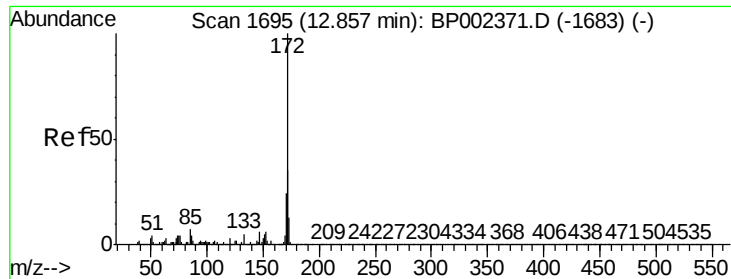


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

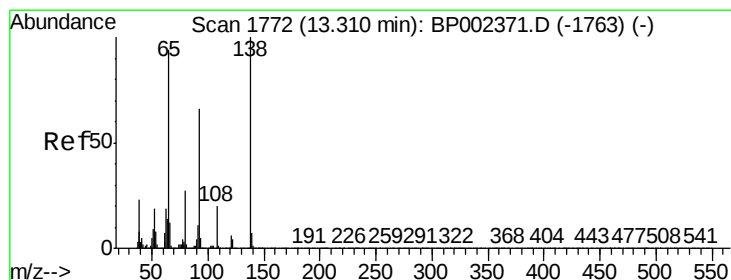
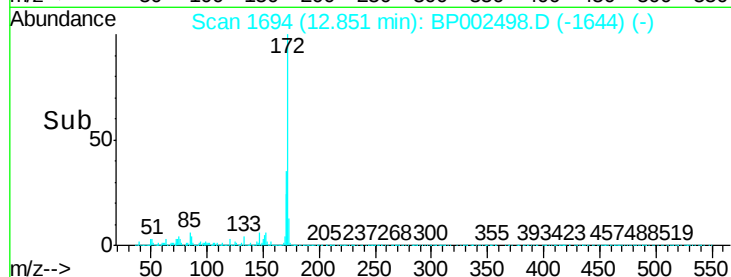
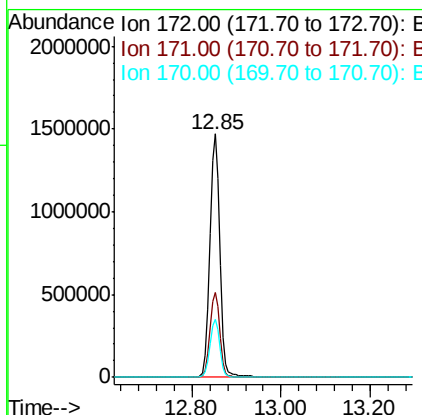
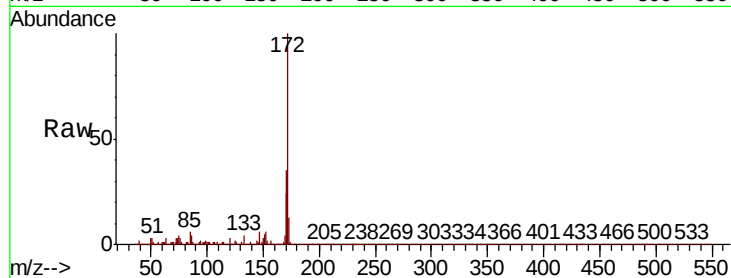




#45
2-Fluorobiphenyl
Concen: 94.063 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002498.D
Acq: 23 Jun 2020 12:14

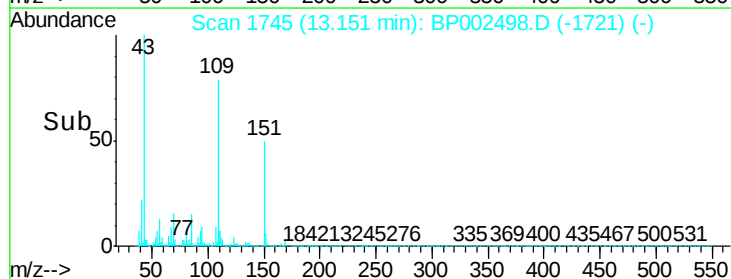
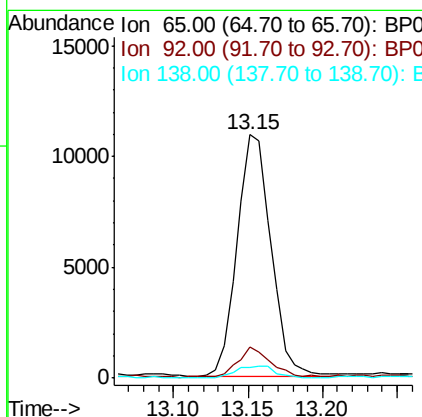
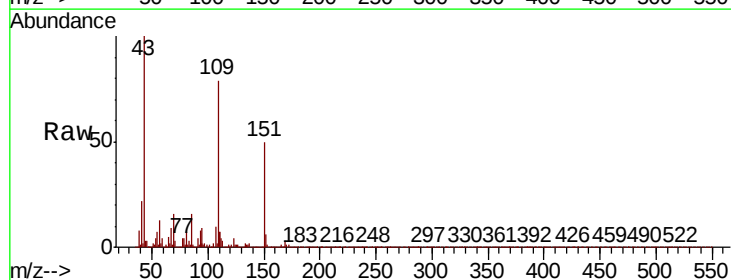
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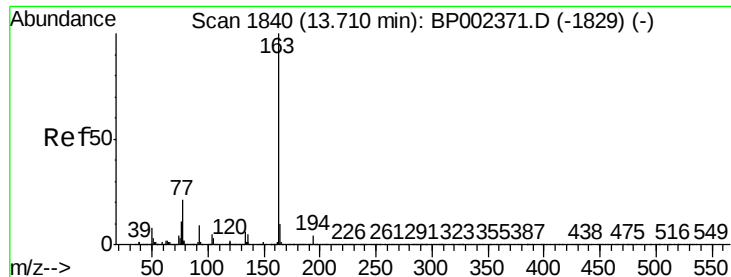
Tot Ion:172 Resp: 2347811
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.8 19.0 28.6



#48
2-Nitroaniline
Concen: 2.412 ng
RT: 13.15 min Scan# 1745
Delta R.T. -0.16 min
Lab File: BP002498.D
Acq: 23 Jun 2020 12:14

Tgt Ion: 65 Resp: 17326
Ion Ratio Lower Upper
65 100
92 12.6 56.3 84.5#
138 4.6 85.0 127.6#





#50

Dimethylphthalate

Concen: 13.704 ng

RT: 13.70 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BP002498.D

Acq: 23 Jun 2020 12:14

Instrument :

BNA_P

ClientSampleId :

JFK-WC-L-01

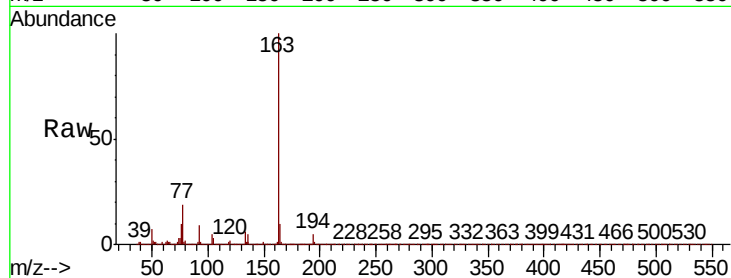
Tot Ion:163 Resp: 394070

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

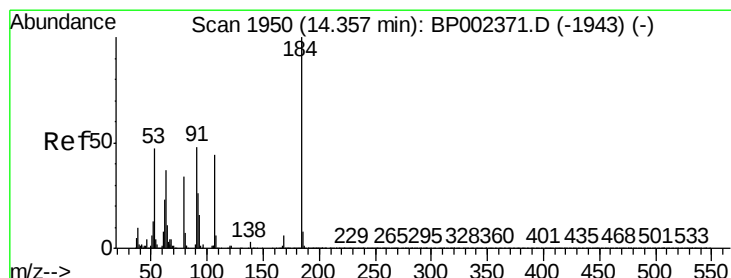
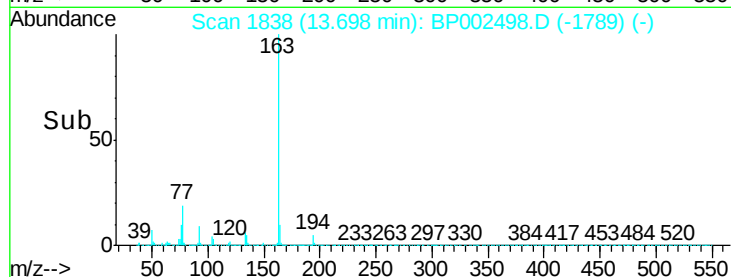
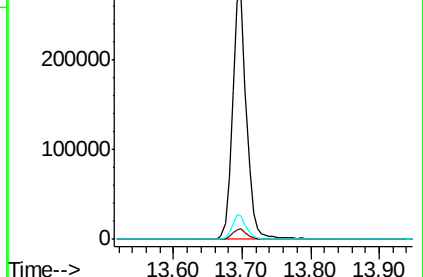
164 9.8 8.1 12.1



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



#54

2,4-Dinitrophenol

Concen: 2.794 ng

RT: 14.33 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BP002498.D

Acq: 23 Jun 2020 12:14

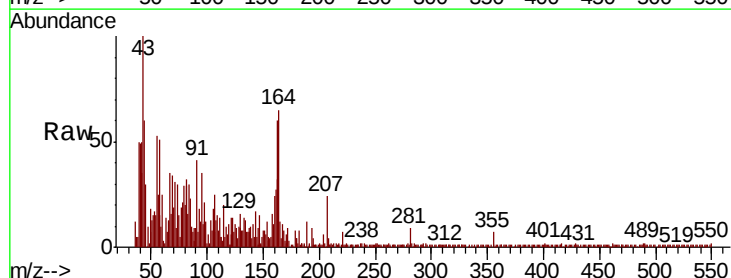
Tgt Ion:184 Resp: 31

Ion Ratio Lower Upper

184 100

63 525.0 52.3 78.5#

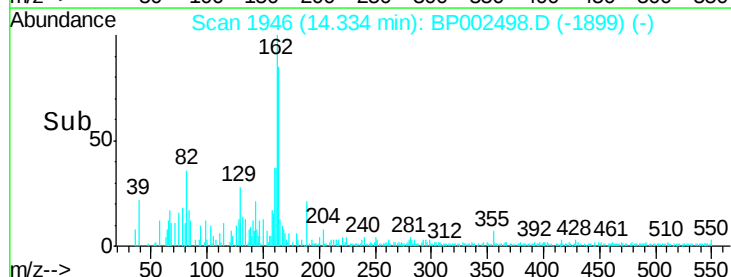
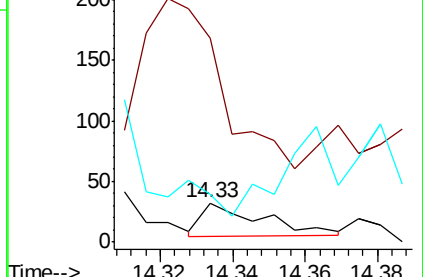
154 121.9 48.6 72.8#

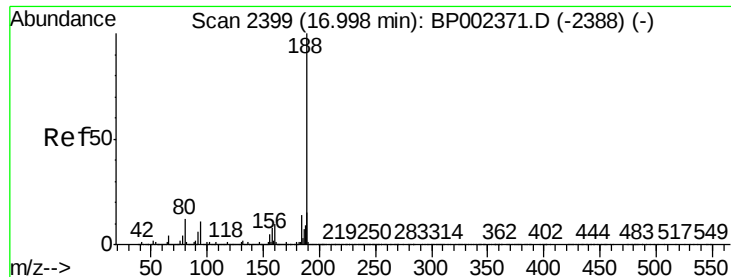


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP002498.D

Acq: 23 Jun 2020 12:14

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JFK-WC-L-01

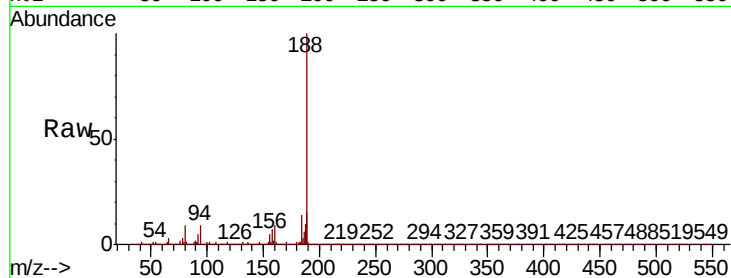
Tot Ion:188 Resp: 946476

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

80 9.5 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

800000

600000

400000

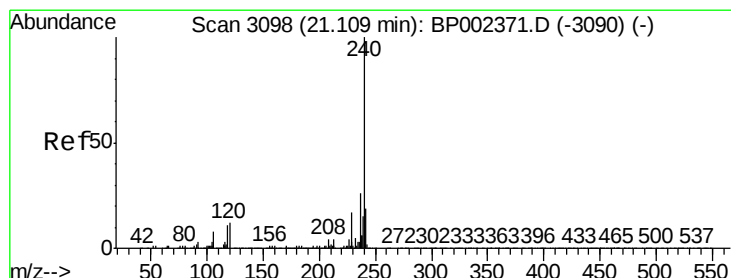
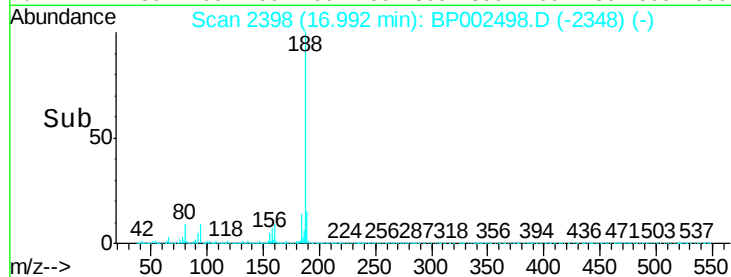
200000

0

16.99

16.90 17.00 17.10

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BP002498.D

Acq: 23 Jun 2020 12:14

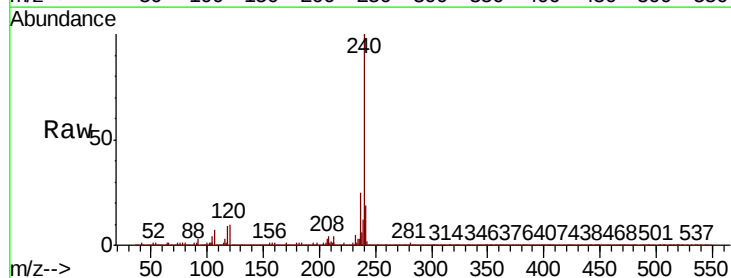
Tgt Ion:240 Resp: 1061601

Ion Ratio Lower Upper

240 100

120 10.0 9.3 13.9

236 25.1 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

1200000

1000000

800000

600000

400000

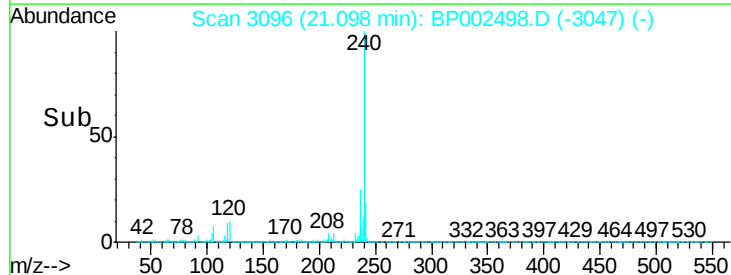
200000

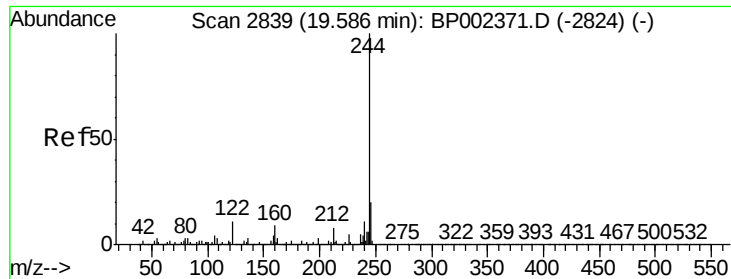
0

21.10

21.00 21.10 21.20

Time-->





#79

Terphenyl-d14

Concen: 103.926 ng

RT: 19.59 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BP002498.D

Acq: 23 Jun 2020 12:14

Instrument :

BNA_P

ClientSampleId :

JFK-WC-L-01

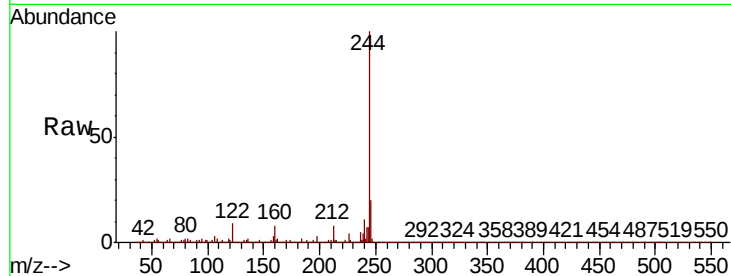
Tot Ion:244 Resp: 4037038

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

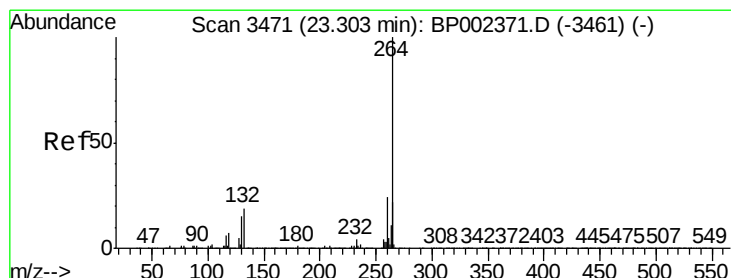
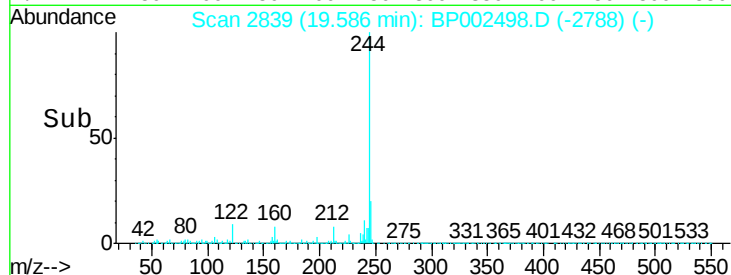
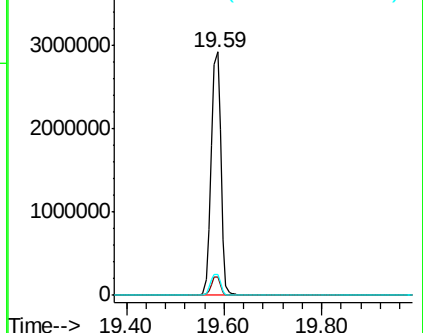
122 8.6 8.8 13.2#



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: BP002498.D

Acq: 23 Jun 2020 12:14

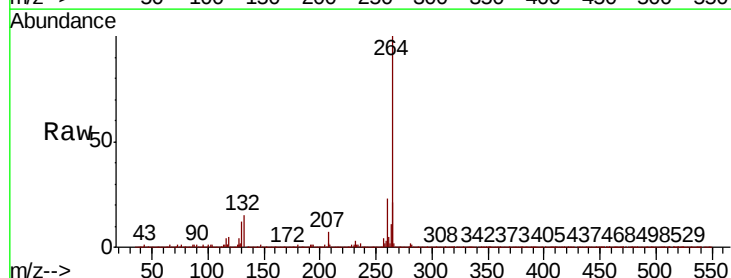
Tgt Ion:264 Resp: 1163920

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.0

265 21.2 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

