

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090920\
 Data File : BP003243.D
 Acq On : 09 Sep 2020 16:28
 Operator : CG/JU
 Sample : L3930-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11977

Quant Time: Sep 09 17:41:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

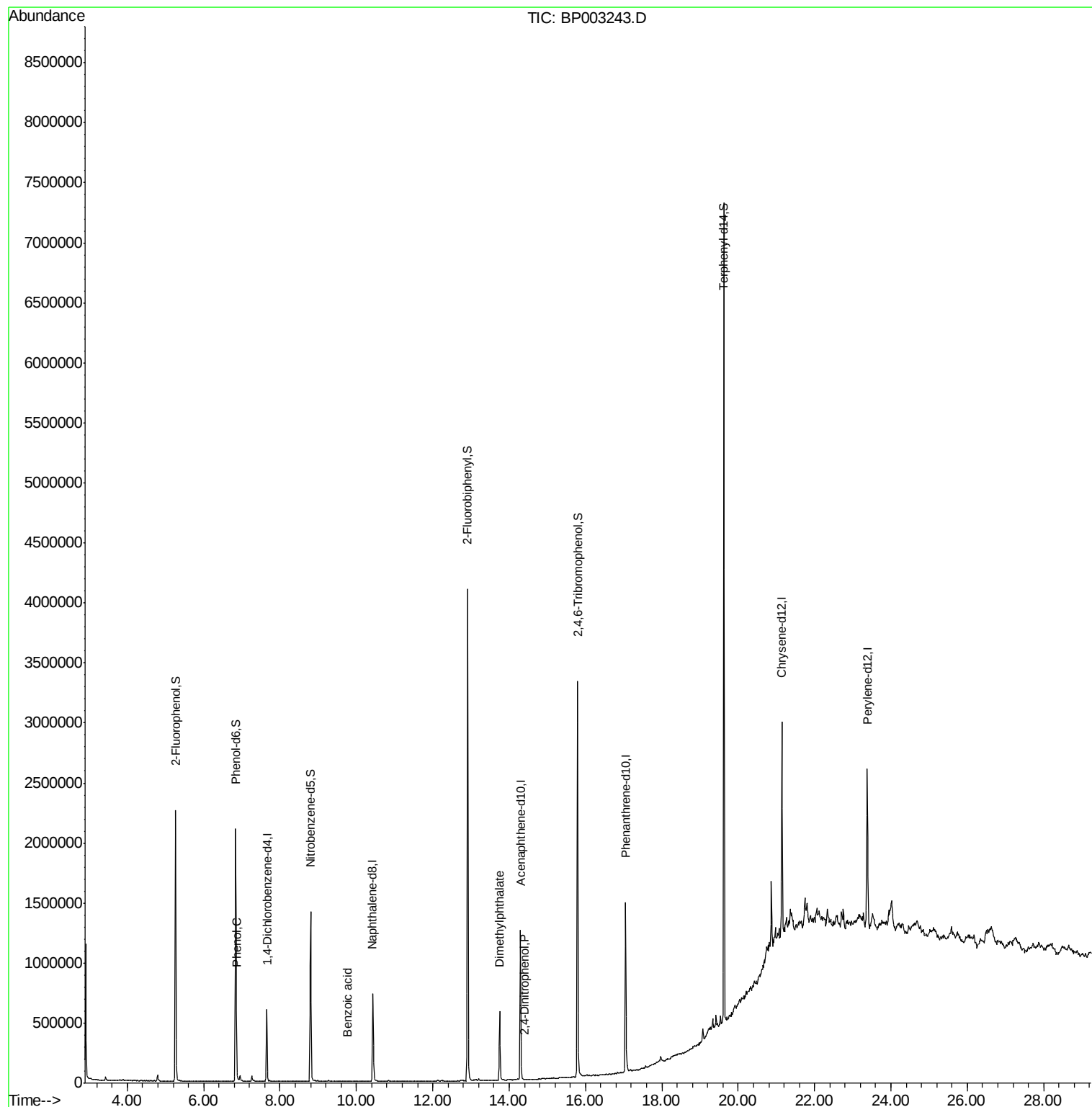
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	185792	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	740905	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	453365	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	953743	20.00	ng	0.00
76) Chrysene-d12	21.14	240	899330	20.00	ng	0.00
86) Perylene-d12	23.38	264	981222	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1166018	110.96	ng	0.00
7) Phenol-d6	6.84	99	1429083	108.49	ng	0.00
23) Nitrobenzene-d5	8.80	82	870490	84.70	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	769323	125.47	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	2318663	74.90	ng	0.00
79) Terphenyl-d14	19.63	244	3102245	75.90	ng	0.00
Target Compounds						
10) Phenol	6.86	94	25876	2.120	ng	# 70
32) Benzoic acid	9.77	122	28	9.000	ng	# 1
50) Dimethylphthalate	13.75	163	456657	13.208	ng	99
54) 2,4-Dinitrophenol	14.39	184	95	7.777	ng	# 1

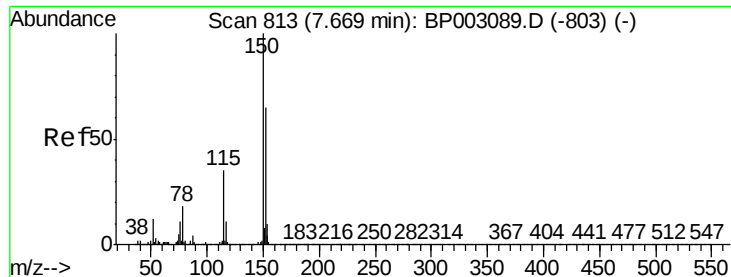
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.65 min Scan# 810

Delta R.T. 0.00 min

Lab File: BP003243.D

Acq: 09 Sep 2020 16:28

Instrument :

BNA_P

ClientSampleId :

72-11977

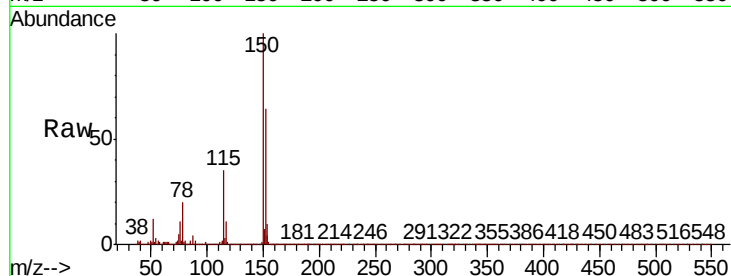
Tot Ion:152 Resp: 185792

Ion Ratio Lower Upper

152 100

150 155.8 123.8 185.6

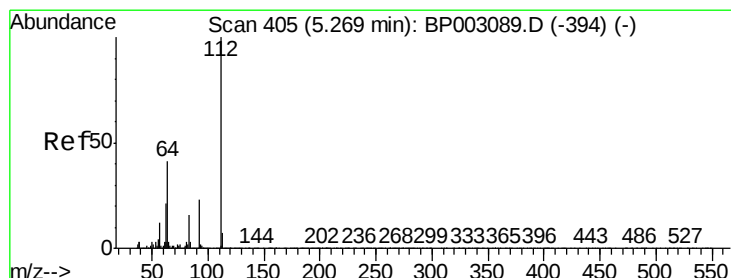
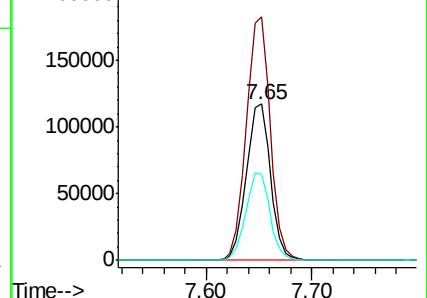
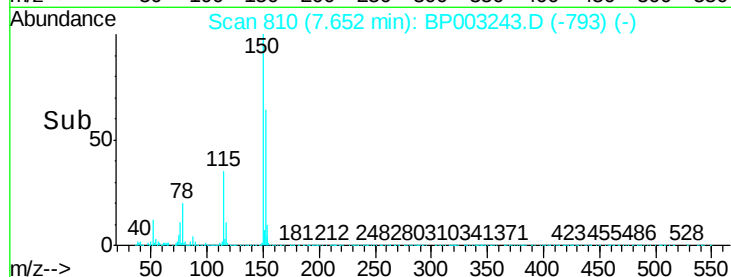
115 55.2 43.8 65.6



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: 110.960 ng

RT: 5.26 min Scan# 404

Delta R.T. 0.00 min

Lab File: BP003243.D

Acq: 09 Sep 2020 16:28

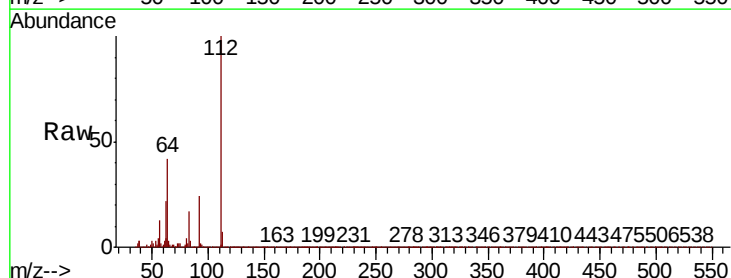
Tgt Ion:112 Resp: 1166018

Ion Ratio Lower Upper

112 100

64 41.9 32.8 49.2

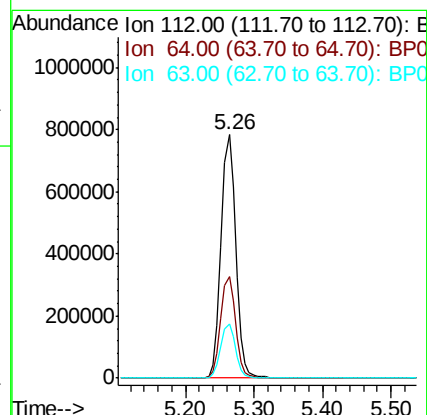
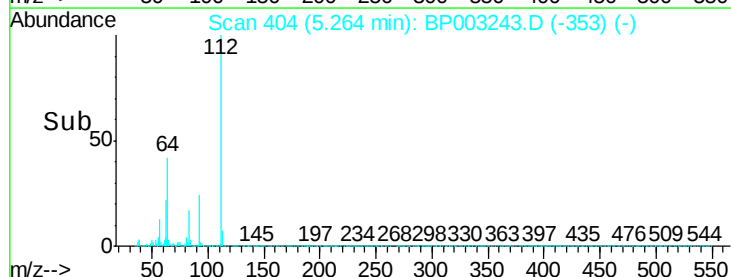
63 22.3 17.0 25.4



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: 108.485 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003243.D

Acq: 09 Sep 2020 16:28

Instrument :

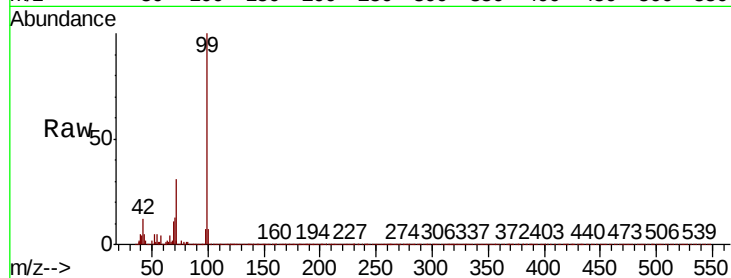
BNA_P

ClientSampleId :

72-11977

Tot Ion: 99 Resp: 1429083

Ion	Ratio	Lower	Upper
99	100		
42	11.6	8.6	13.0
71	30.7	23.4	35.2

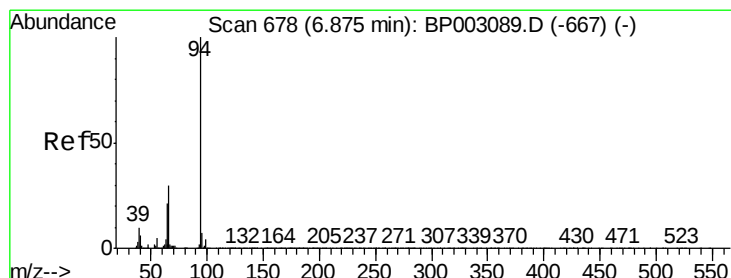
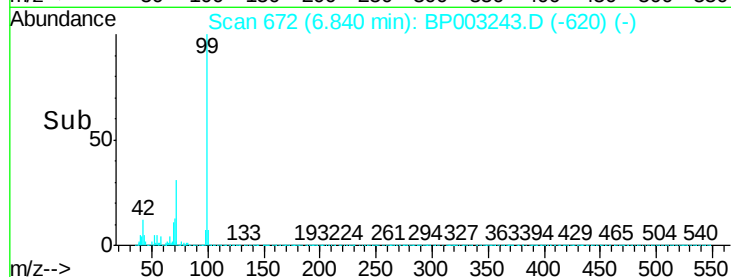
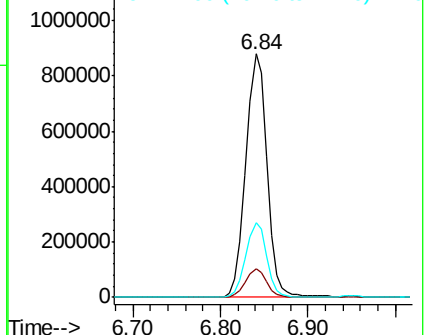


Abundance

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



#10

Phenol

Concen: 2.120 ng

RT: 6.86 min Scan# 676

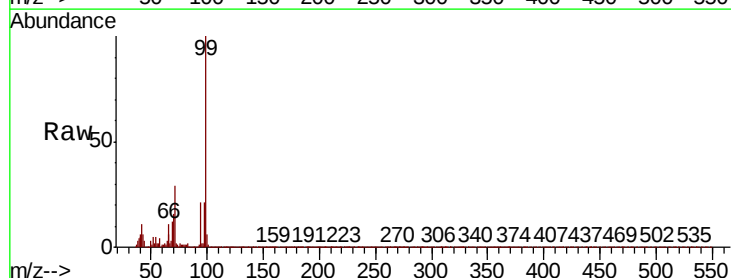
Delta R.T. 0.00 min

Lab File: BP003243.D

Acq: 09 Sep 2020 16:28

Tgt Ion: 94 Resp: 25876

Ion	Ratio	Lower	Upper
94	100		
65	29.6	2.3	42.3
66	53.7	10.9	50.9#

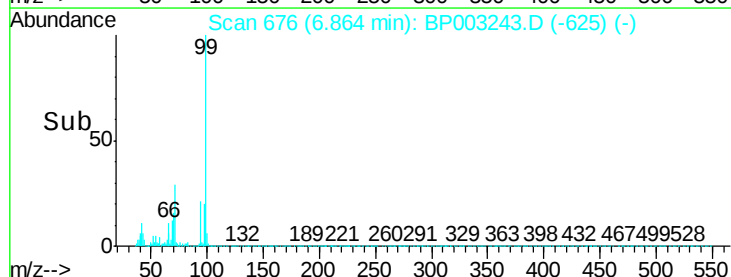
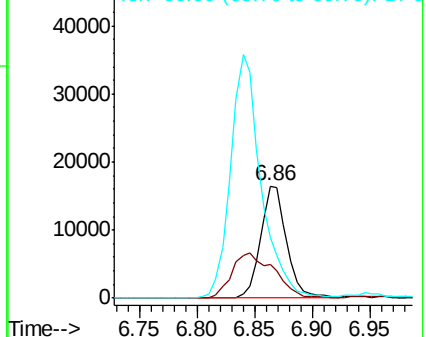


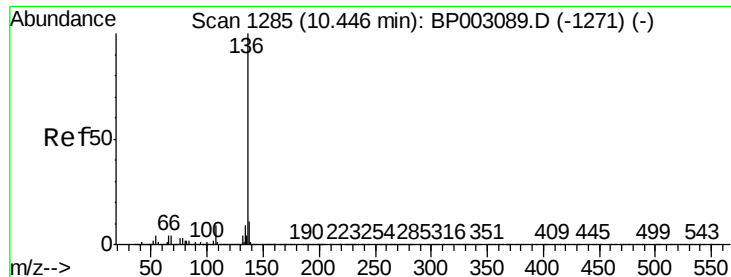
Abundance

Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BP003243.D

Acq: 09 Sep 2020 16:28

Instrument :

BNA_P

ClientSampleId :

72-11977

Tot Ion:136 Resp: 740905

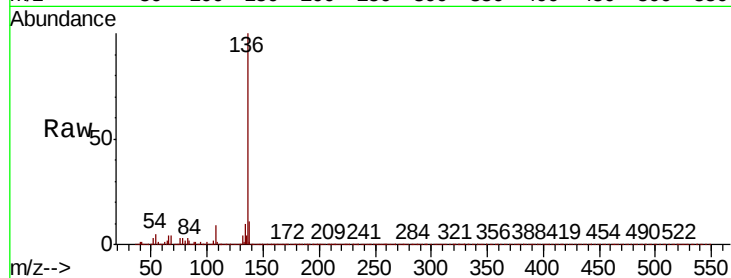
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 4.9 3.6 5.4

68 4.5 3.3 4.9

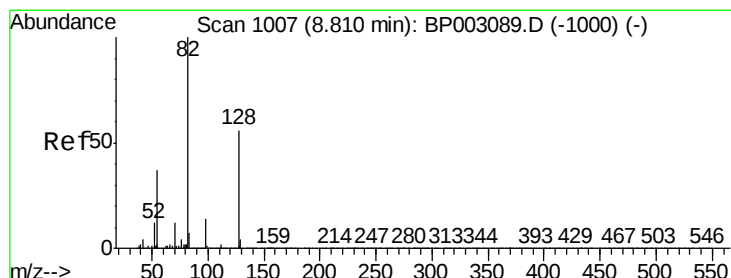
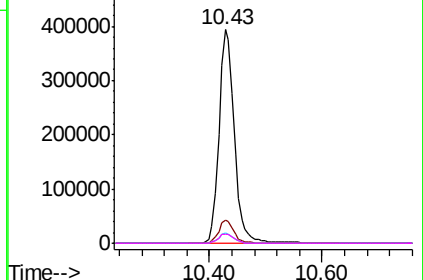
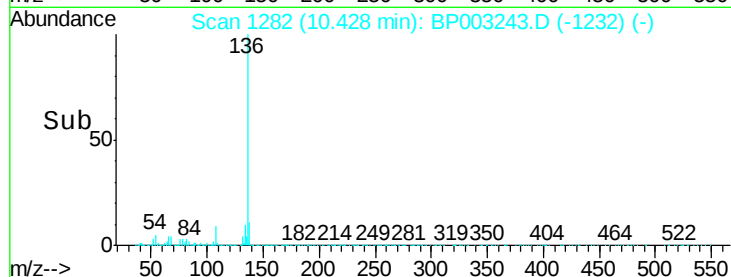


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.699 ng

RT: 8.80 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BP003243.D

Acq: 09 Sep 2020 16:28

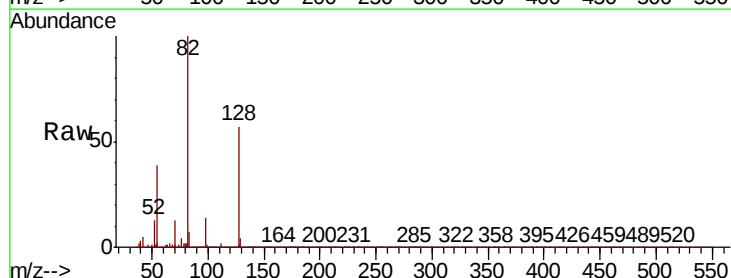
Tgt Ion: 82 Resp: 870490

Ion Ratio Lower Upper

82 100

128 56.7 45.6 68.4

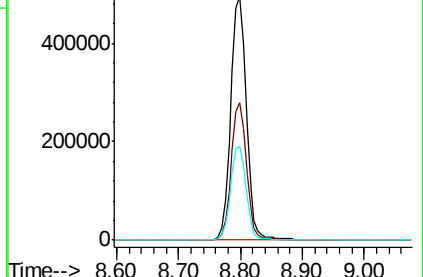
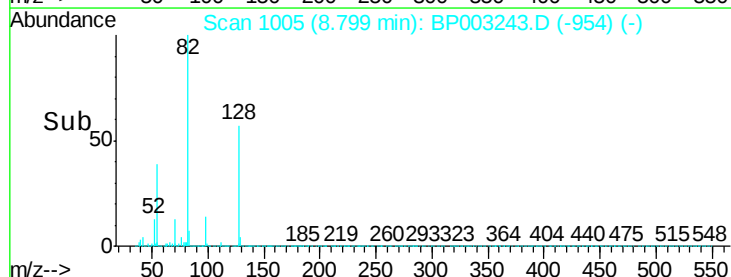
54 38.7 30.1 45.1

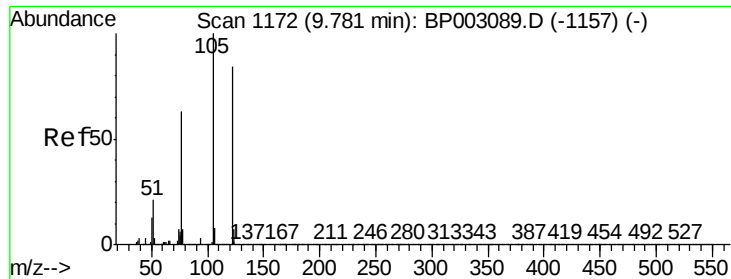


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

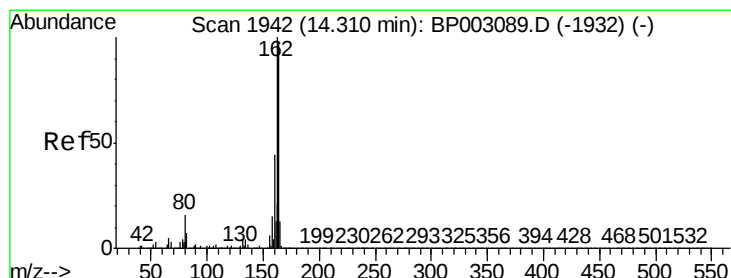
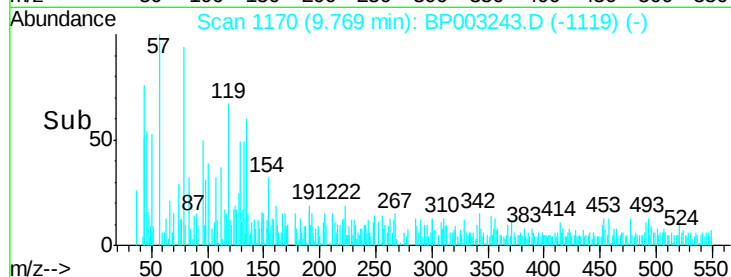
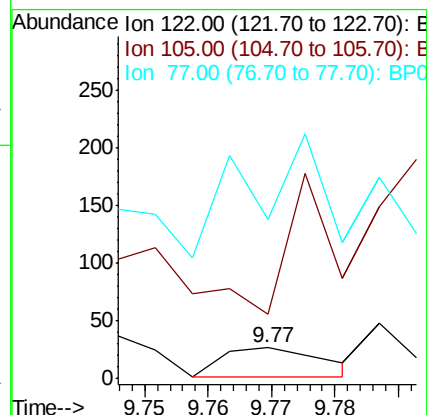
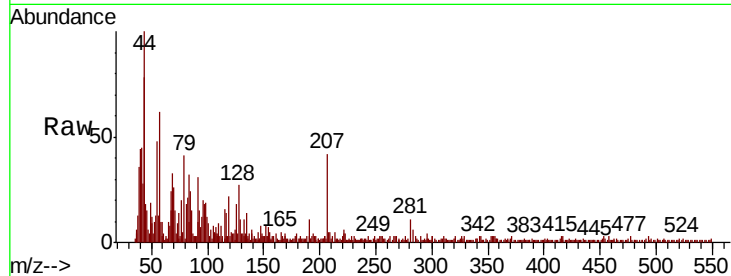




#32
Benzoic acid
Concen: 9.000 ng
RT: 9.77 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BP003243.D
Acq: 09 Sep 2020 16:28

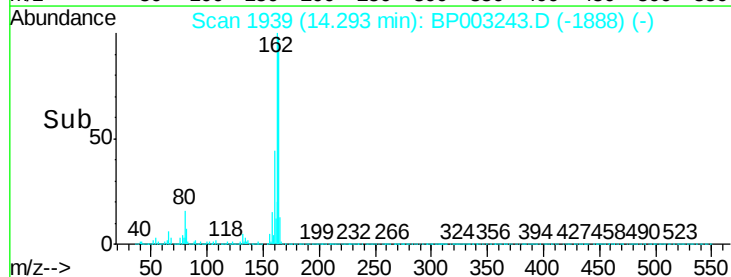
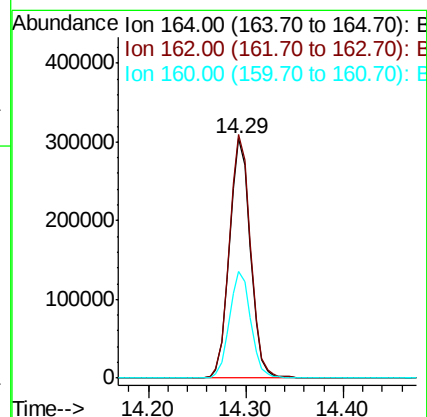
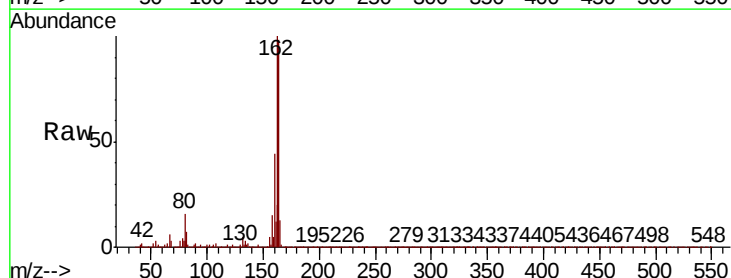
Instrument :
BNA_P
ClientSampleId :
72-11977

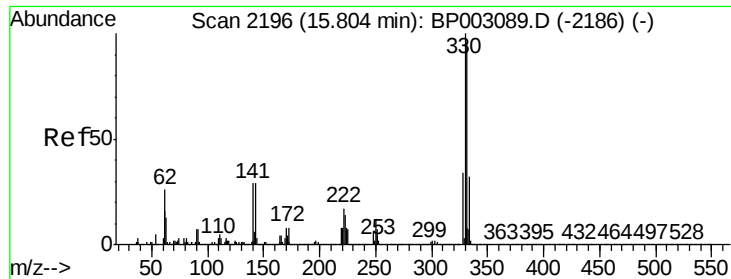
Tot Ion:122 Resp: 28
Ion Ratio Lower Upper
122 100
105 211.5 94.1 134.1#
77 530.8 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BP003243.D
Acq: 09 Sep 2020 16:28

Tgt Ion:164 Resp: 453365
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.2
160 44.7 36.1 54.1

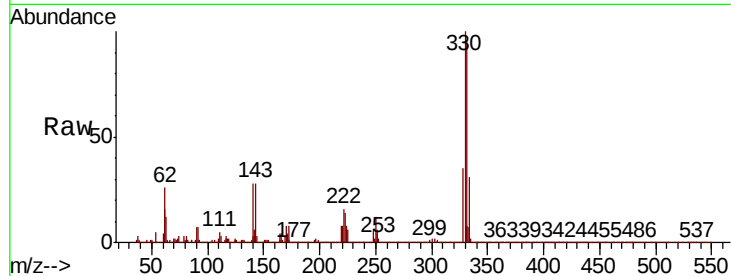




#42
 2,4,6-Tribromophenol
 Concen: 125.468 ng
 RT: 15.79 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: BP003243.D
 Acq: 09 Sep 2020 16:28

Instrument :
 BNA_P
 ClientSampleId :
 72-11977

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	29.8	23.4	35.2

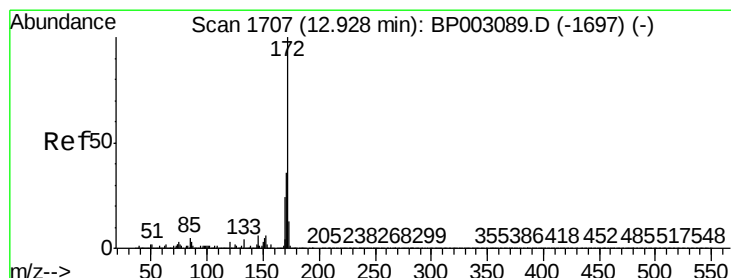
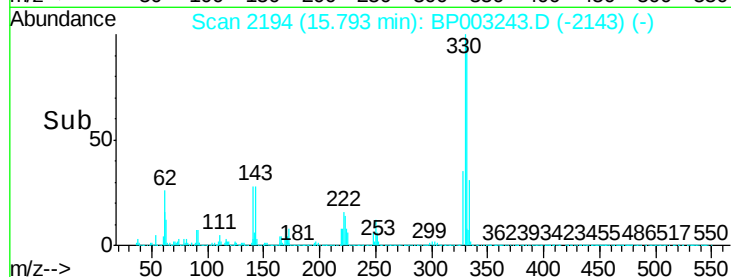
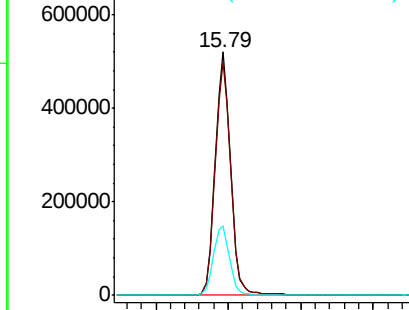


Abundance

Ion 329.80 (329.50 to 330.50): E

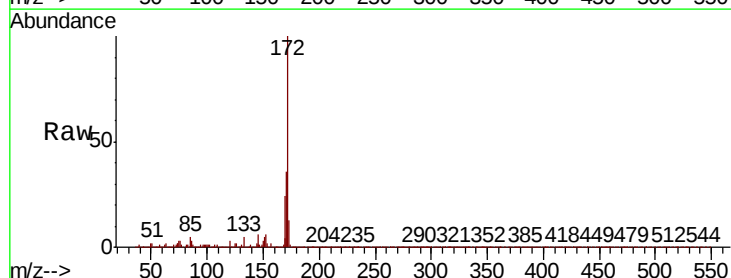
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.897 ng
 RT: 12.91 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BP003243.D
 Acq: 09 Sep 2020 16:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.7	19.2	28.8

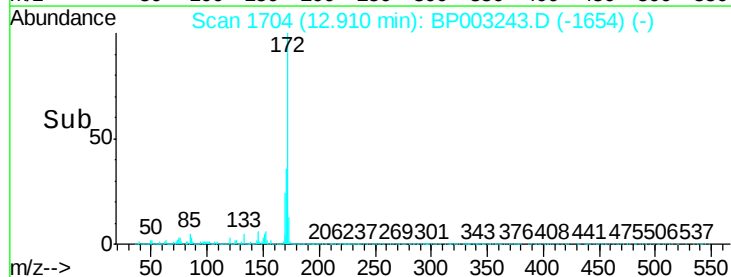
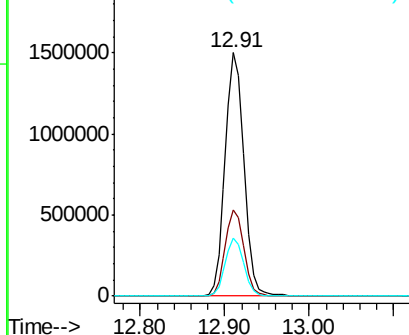


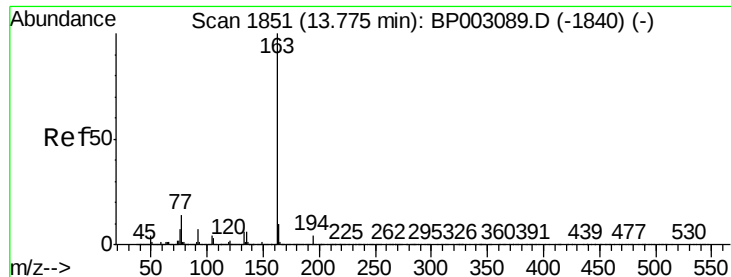
Abundance

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





#50

Dimethylphthalate

Concen: 13.208 ng

RT: 13.75 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BP003243.D

Acq: 09 Sep 2020 16:28

Instrument :

BNA_P

ClientSampleId :

72-11977

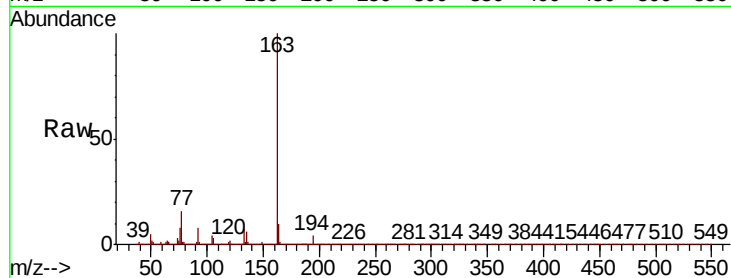
Tot Ion:163 Resp: 456657

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

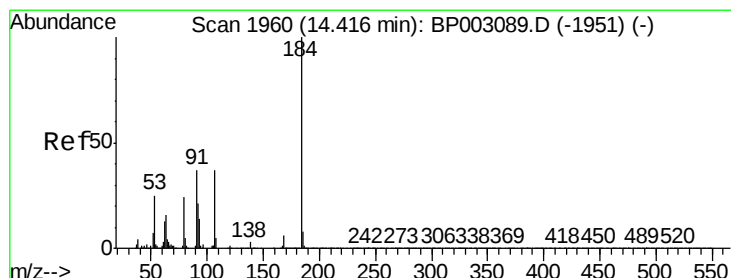
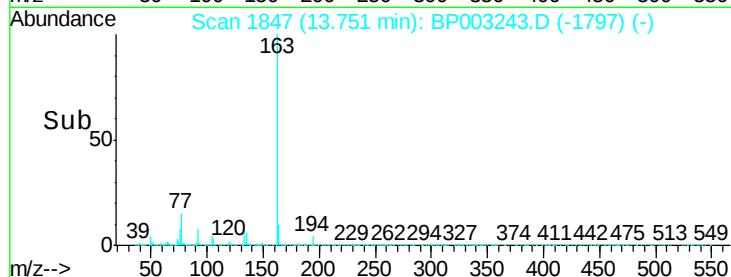
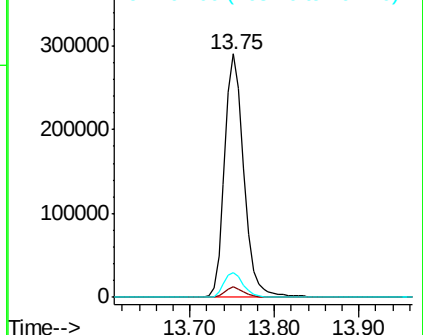
164 10.0 8.2 12.2



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: 7.777 ng

RT: 14.39 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BP003243.D

Acq: 09 Sep 2020 16:28

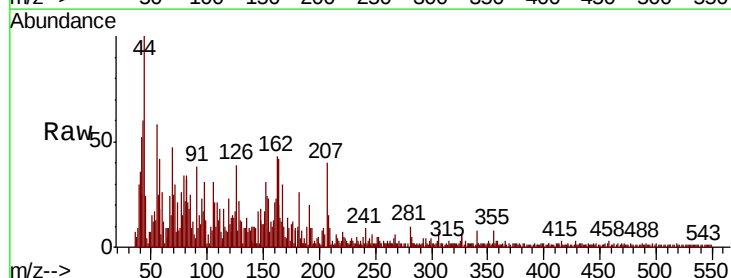
Tgt Ion:184 Resp: 95

Ion Ratio Lower Upper

184 100

63 110.3 32.3 48.5#

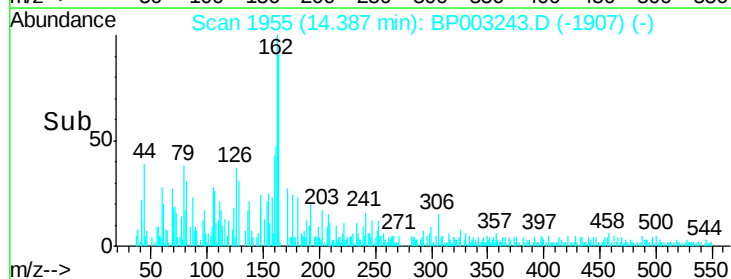
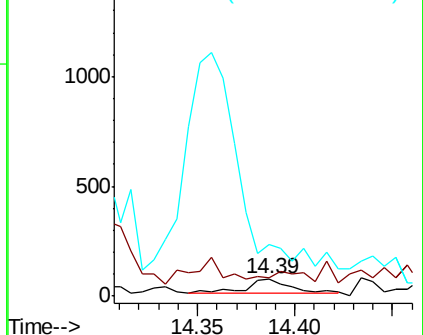
154 300.0 49.1 73.7#

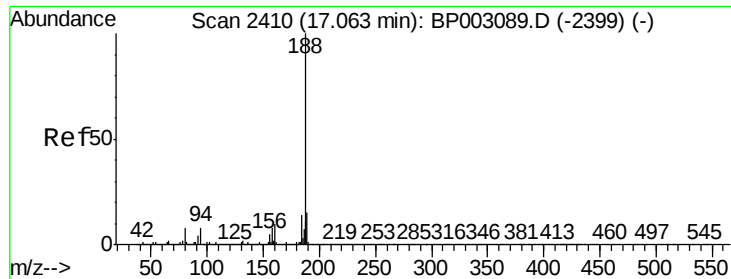


Abundance Ion 184.00 (183.70 to 184.70): E

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: 17.05 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BP003243.D

Acq: 09 Sep 2020 16:28

Instrument :

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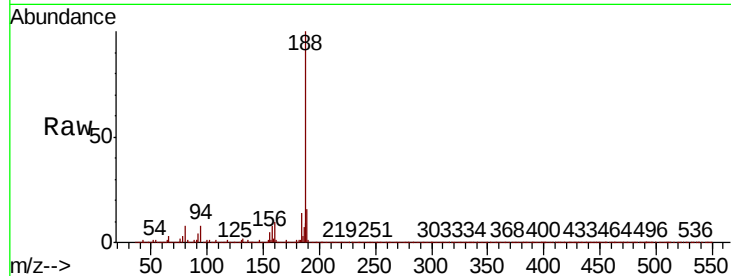
Tot Ion:188 Resp: 953743

Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.2

80 8.2 6.2 9.2



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

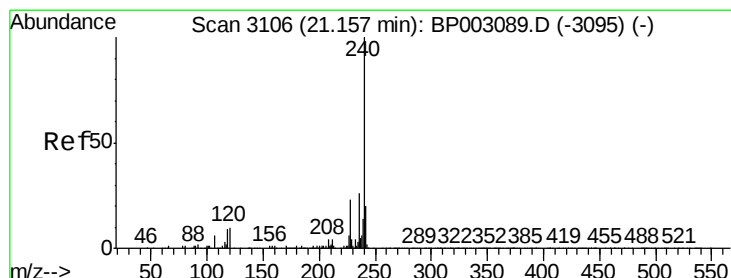
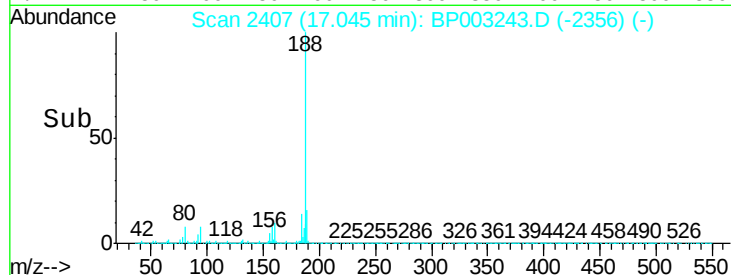
400000

200000

0

17.05

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BP003243.D

Acq: 09 Sep 2020 16:28

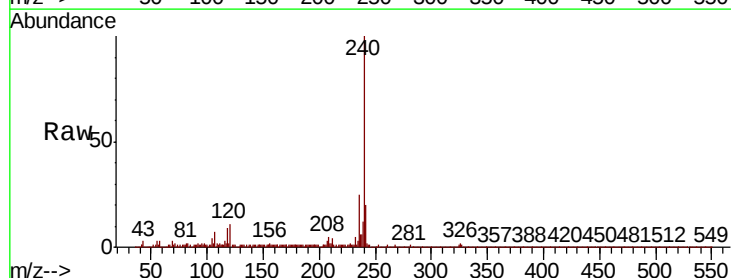
Tgt Ion:240 Resp: 899330

Ion Ratio Lower Upper

240 100

120 10.6 7.8 11.6

236 25.4 20.8 31.2



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

800000

600000

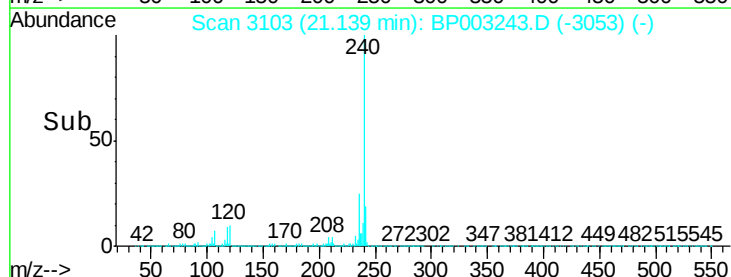
400000

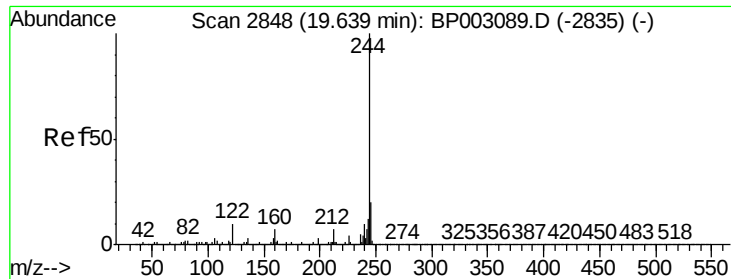
200000

0

21.14

Time-->





#79

Terphenyl-d14

Concen: 75.904 ng

RT: 19.63 min Scan# 2846

Delta R.T. 0.01 min

Lab File: BP003243.D

Acq: 09 Sep 2020 16:28

Instrument :

BNA_P

ClientSampleId :

72-11977

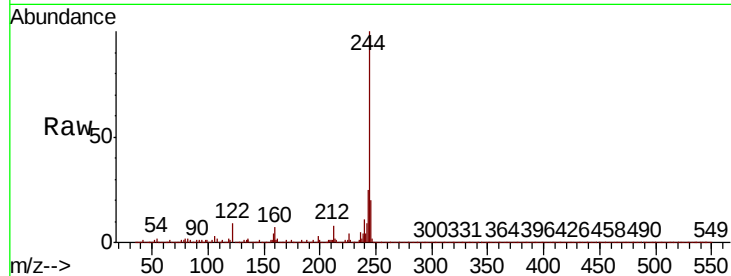
Tot Ion:244 Resp: 3102245

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

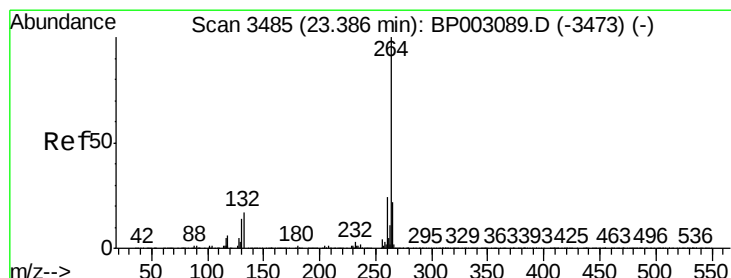
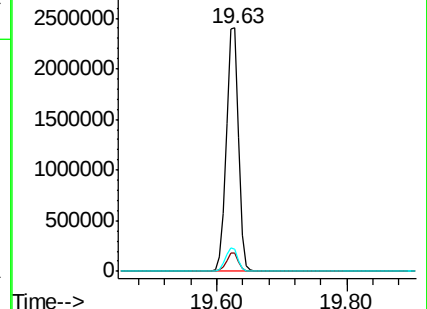
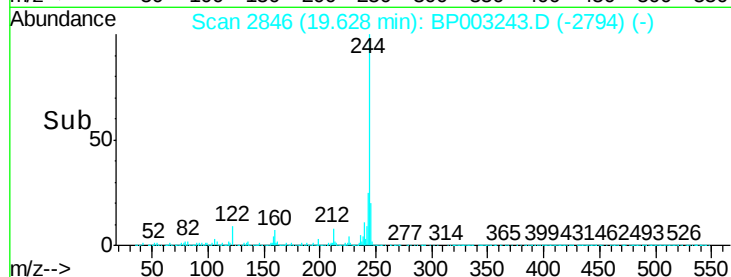
122 8.9 7.8 11.8



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: 23.38 min Scan# 3484

Delta R.T. 0.01 min

Lab File: BP003243.D

Acq: 09 Sep 2020 16:28

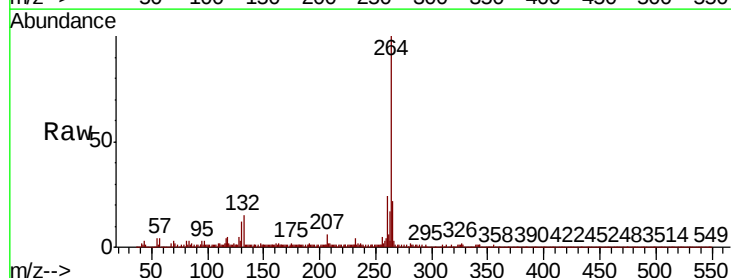
Tgt Ion:264 Resp: 981222

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.2 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

