

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
 Data File : BP003152.D
 Acq On : 28 Aug 2020 15:59
 Operator : CG/JU
 Sample : L3498-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-082620

Quant Time: Aug 28 16:31:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

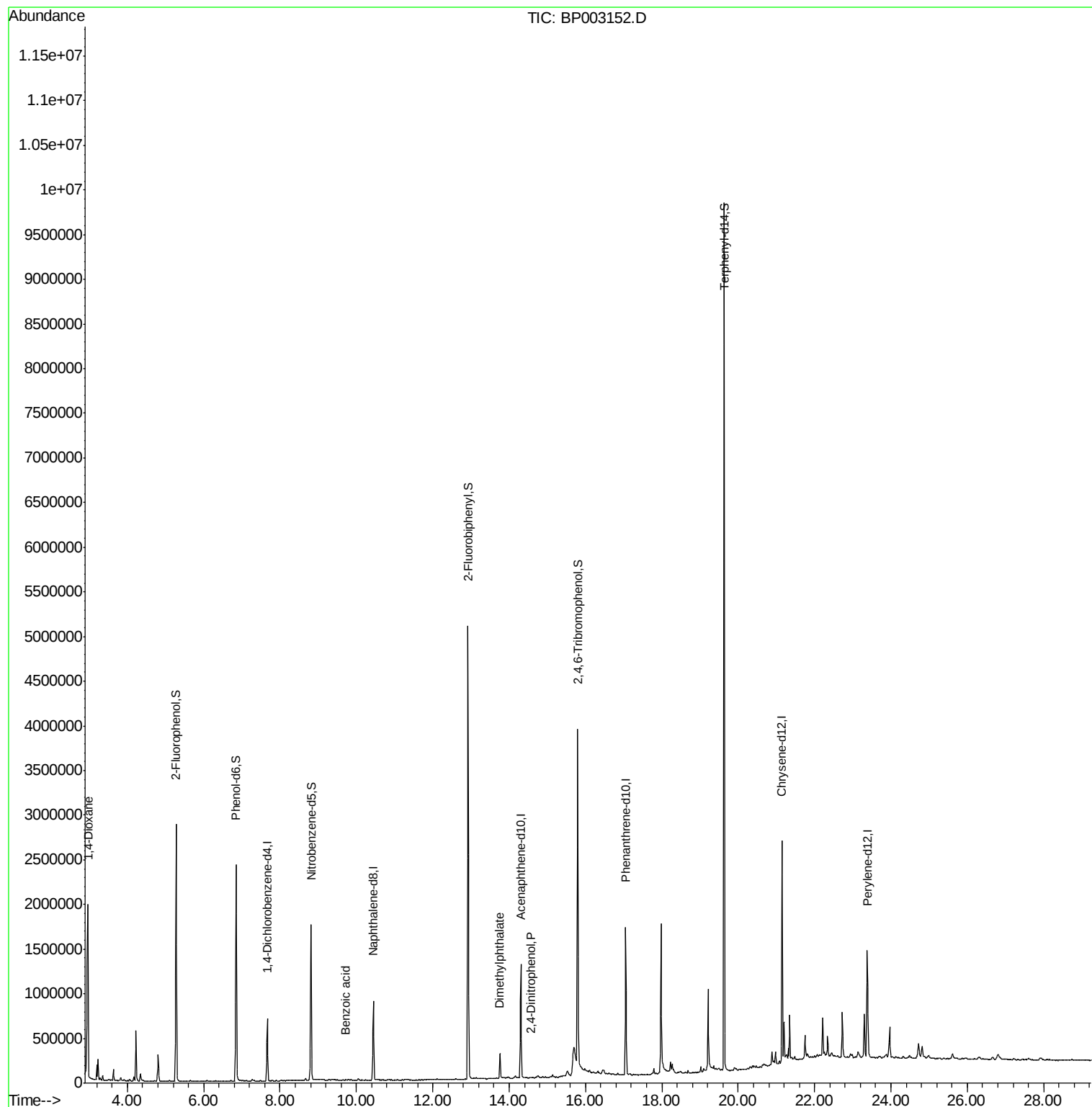
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	211426	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	820313	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	477869	20.00	ng	-0.01
64) Phenanthrene-d10	17.05	188	1041357	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	1202780	20.00	ng	-0.01
86) Perylene-d12	23.38	264	783229	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1493796	124.92	ng	0.00
7) Phenol-d6	6.85	99	1689423	112.70	ng	0.00
23) Nitrobenzene-d5	8.80	82	1040826	91.47	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	901097	139.42	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2852121	87.40	ng	0.00
79) Terphenyl-d14	19.63	244	4272551	78.16	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.97	88	27814	6.084	ng	# 1
32) Benzoic acid	9.73	122	3474	9.361	ng	# 79
50) Dimethylphthalate	13.76	163	222893	6.116	ng	99
54) 2,4-Dinitrophenol	14.56	184	171	7.792	ng	89

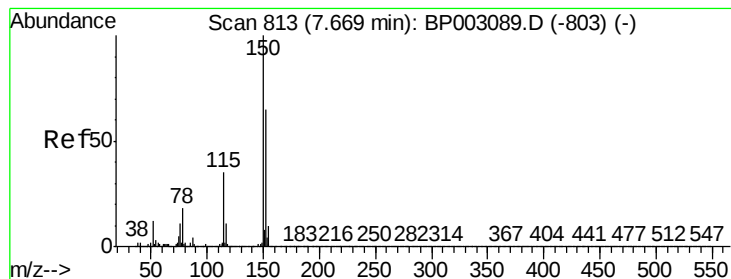
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.66 min Scan# 812

Delta R.T. -0.01 min

Lab File: BP003152.D

Acq: 28 Aug 2020 15:59

Instrument :

BNA_P

ClientSampleId :

HR-06-082620

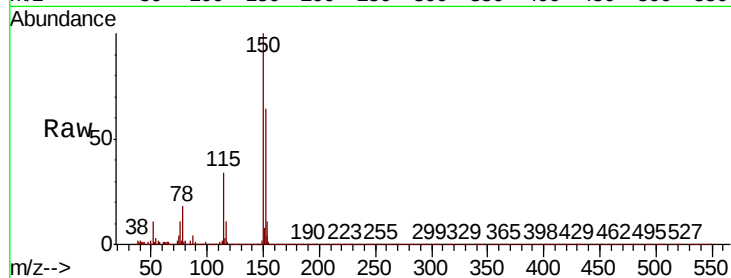
Tot Ion:152 Resp: 211426

Ion Ratio Lower Upper

152 100

150 156.0 123.1 184.7

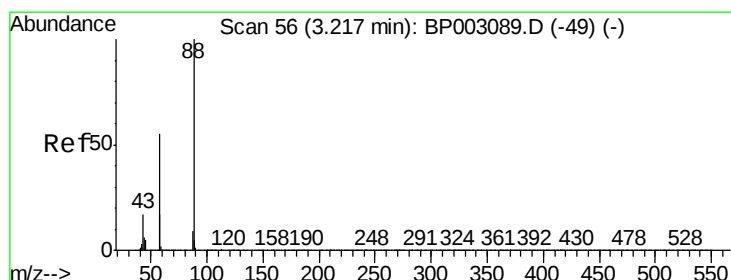
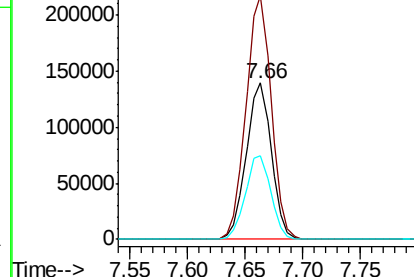
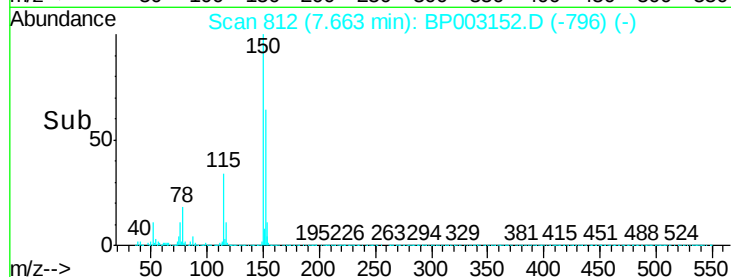
115 53.4 42.8 64.2



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



#2

1,4-Dioxane

Concen: 6.084 ng

RT: 2.97 min Scan# 14

Delta R.T. -0.25 min

Lab File: BP003152.D

Acq: 28 Aug 2020 15:59

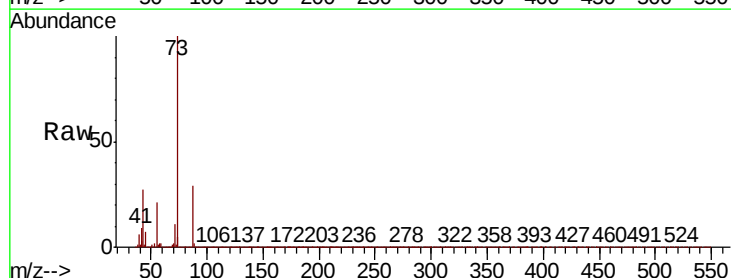
Tgt Ion: 88 Resp: 27814

Ion Ratio Lower Upper

88 100

58 25.2 44.3 66.5#

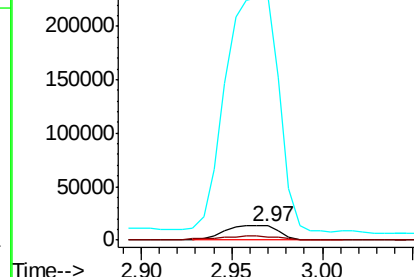
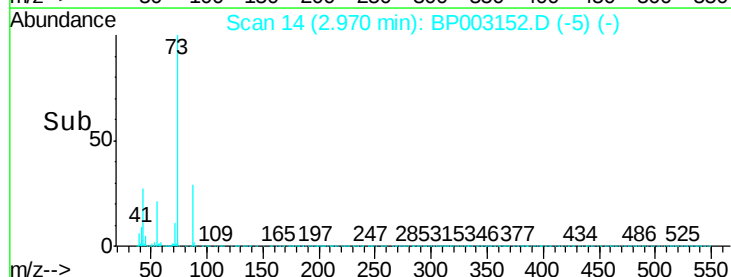
43 1596.8 14.3 21.5#

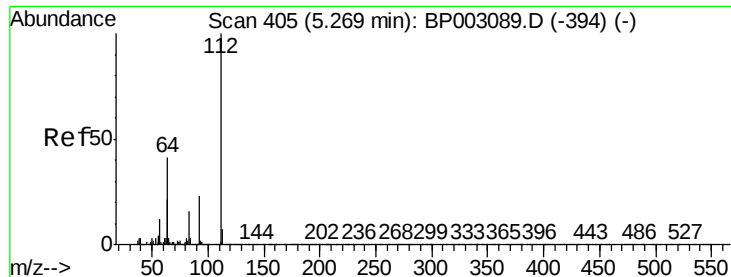


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#5

2-Fluorophenol

Concen: 124.917 ng

RT: 5.28 min Scan# 406

Delta R.T. 0.01 min

Lab File: BP003152.D

Acq: 28 Aug 2020 15:59

Instrument :

BNA_P

ClientSampleId :

HR-06-082620

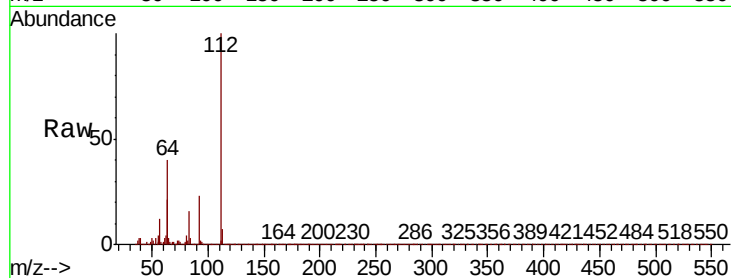
Tot Ion:112 Resp: 1493796

Ion Ratio Lower Upper

112 100

64 39.8 33.0 49.6

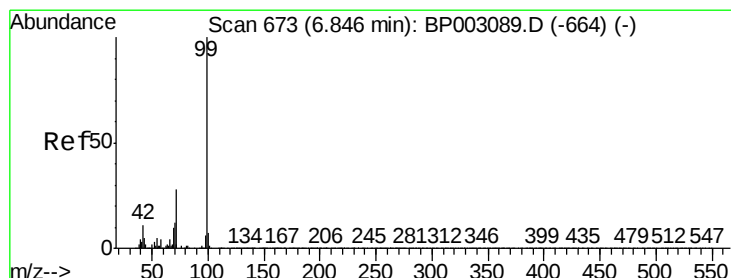
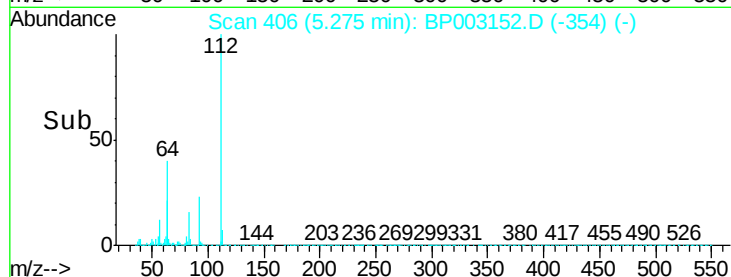
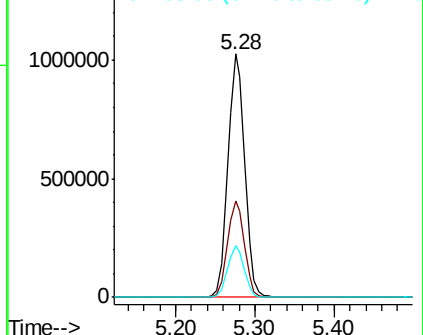
63 21.3 16.9 25.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 112.699 ng

RT: 6.85 min Scan# 674

Delta R.T. 0.01 min

Lab File: BP003152.D

Acq: 28 Aug 2020 15:59

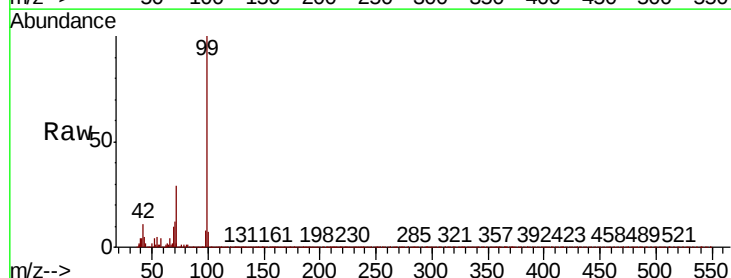
Tgt Ion: 99 Resp: 1689423

Ion Ratio Lower Upper

99 100

42 10.7 8.5 12.7

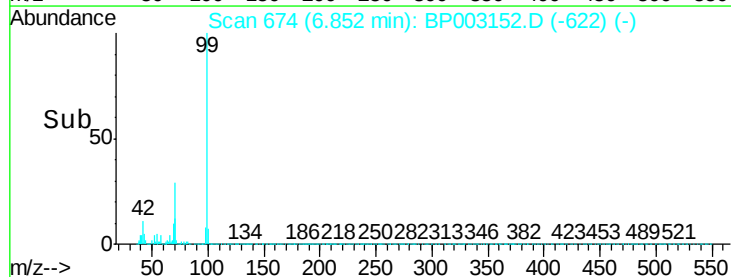
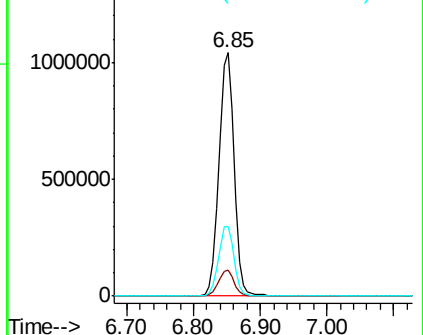
71 28.8 22.8 34.2

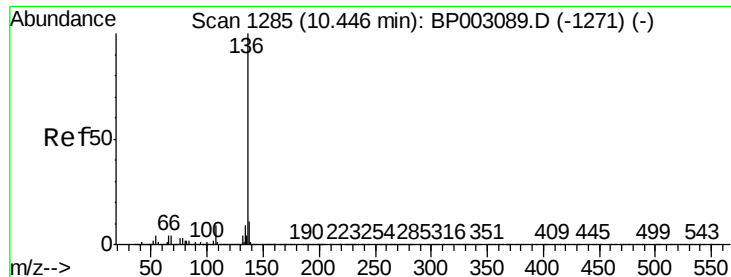


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BP003152.D

Acq: 28 Aug 2020 15:59

Instrument :

BNA_P

ClientSampleId :

HR-06-082620

Tot Ion:136 Resp: 820313

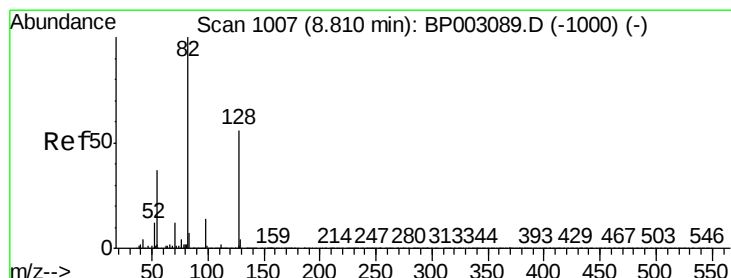
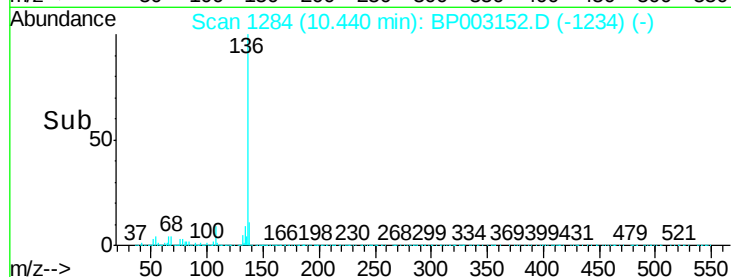
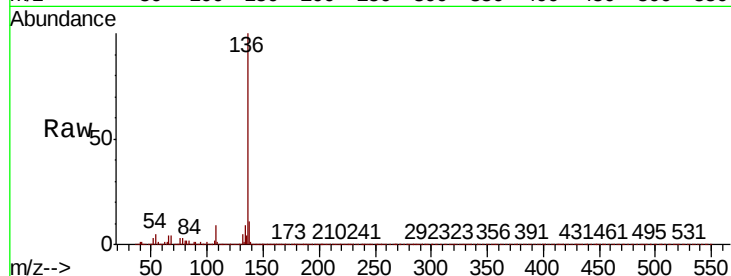
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	4.6	3.5	5.3
68	4.4	3.2	4.8

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: 91.470 ng

RT: 8.80 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BP003152.D

Acq: 28 Aug 2020 15:59

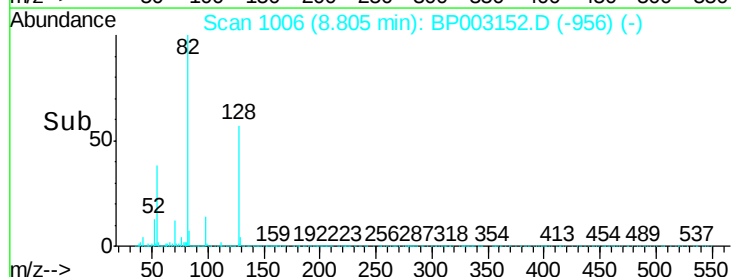
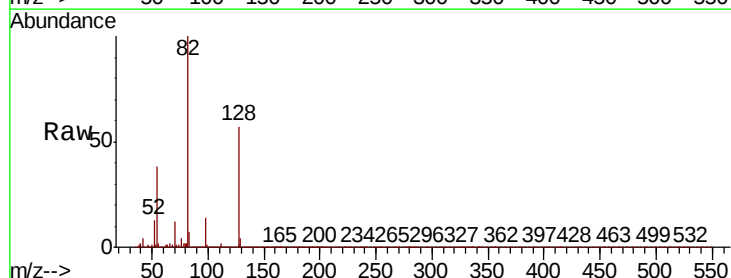
Tgt Ion: 82 Resp: 1040826

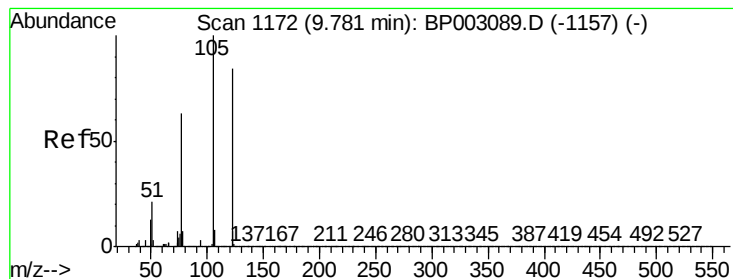
Ion	Ratio	Lower	Upper
82	100		
128	56.5	44.9	67.3
54	37.8	29.4	44.2

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: 9.361 ng

RT: 9.73 min Scan# 1163

Delta R.T. -0.05 min

Lab File: BP003152.D

Acq: 28 Aug 2020 15:59

Instrument :

BNA_P

ClientSampleId :

HR-06-082620

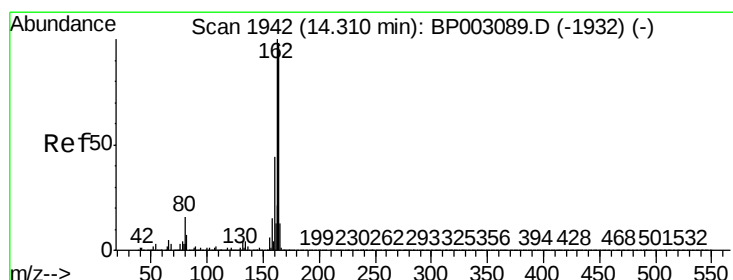
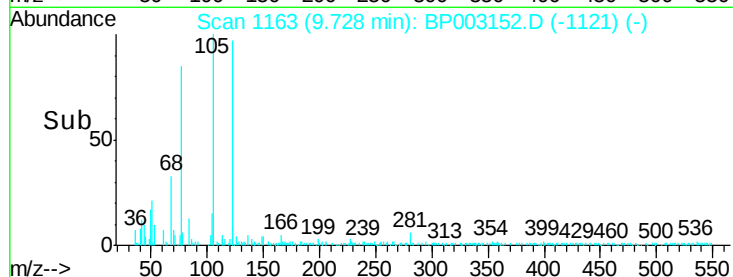
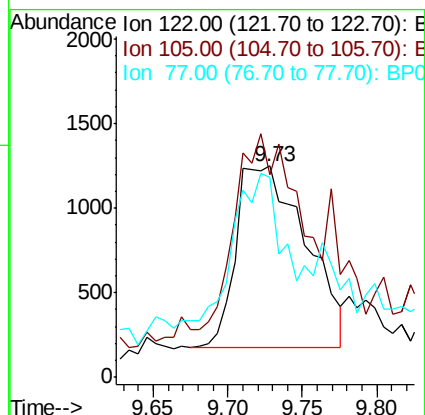
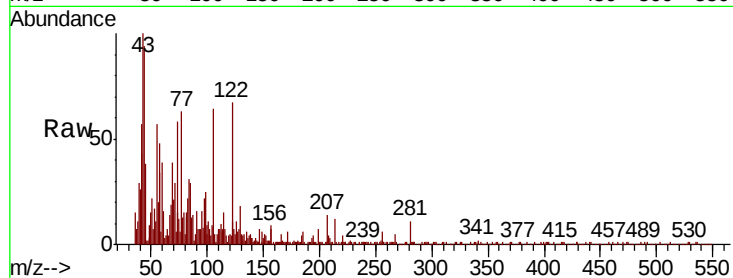
Tot Ion:122 Resp: 3474

Ion Ratio Lower Upper

122 100

105 96.0 98.1 138.1#

77 94.6 55.3 95.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BP003152.D

Acq: 28 Aug 2020 15:59

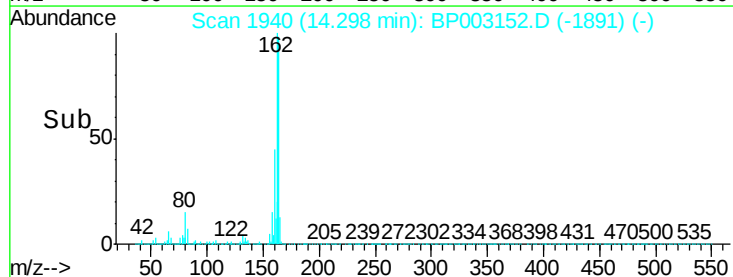
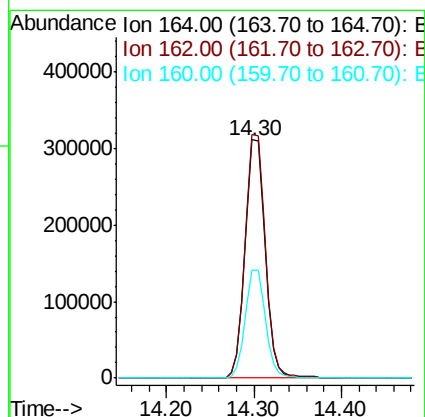
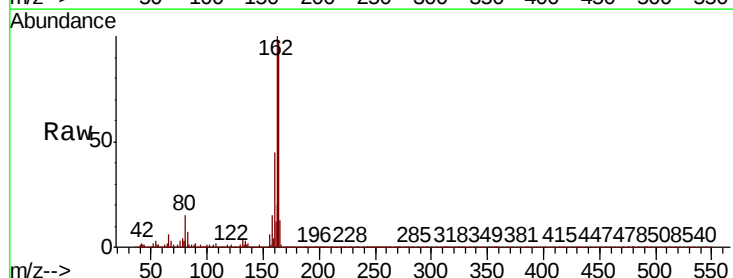
Tgt Ion:164 Resp: 477869

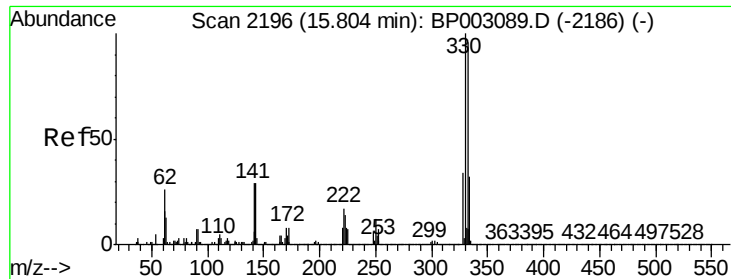
Ion Ratio Lower Upper

164 100

162 102.3 81.2 121.8

160 45.6 36.0 54.0

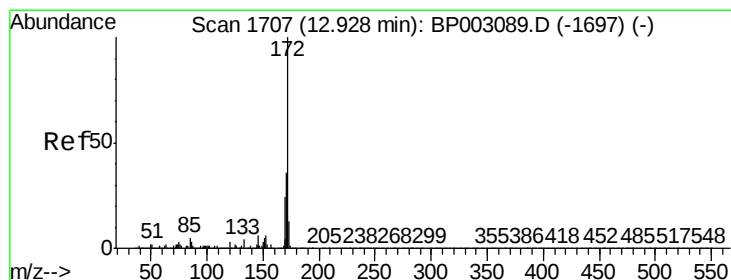
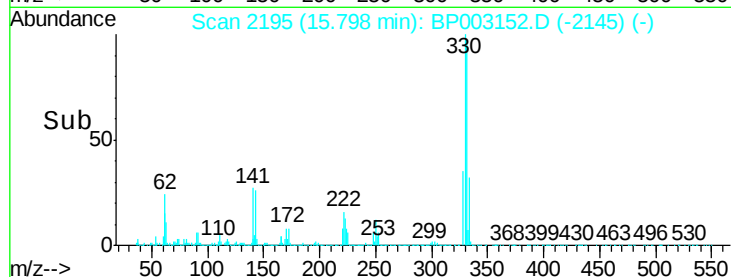
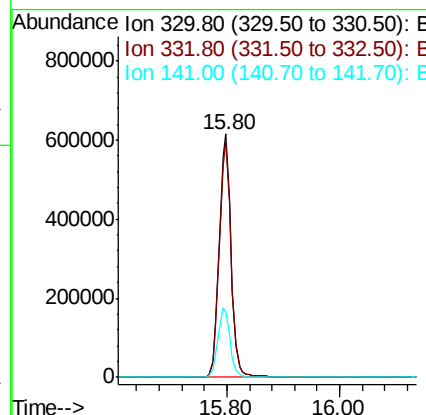
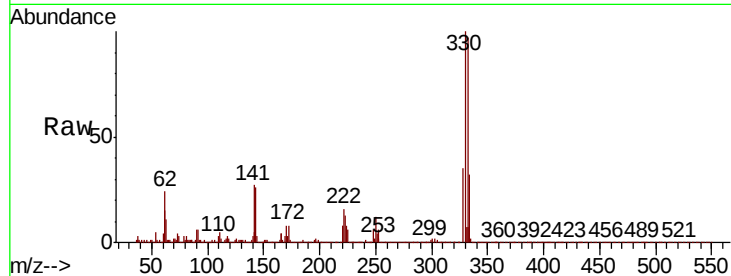




#42
2,4,6-Tribromophenol
Concen: 139.423 ng
RT: 15.80 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BP003152.D
Acq: 28 Aug 2020 15:59

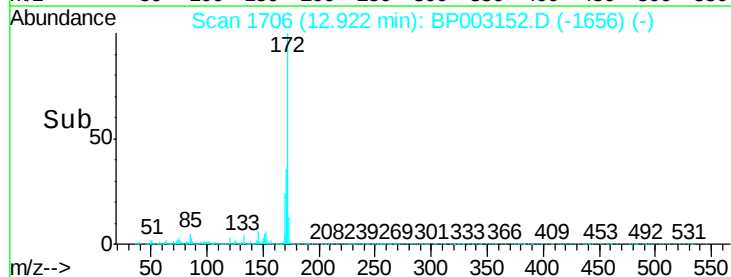
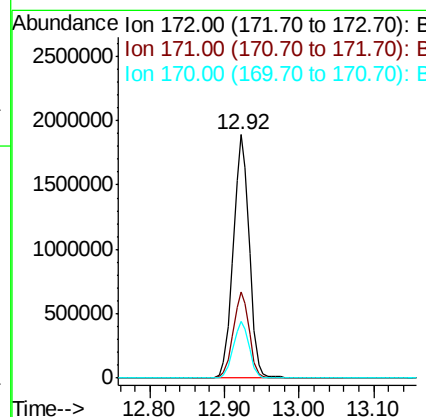
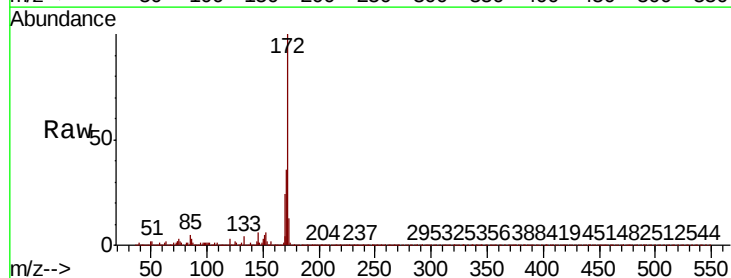
Instrument :
BNA_P
ClientSampleId :
HR-06-082620

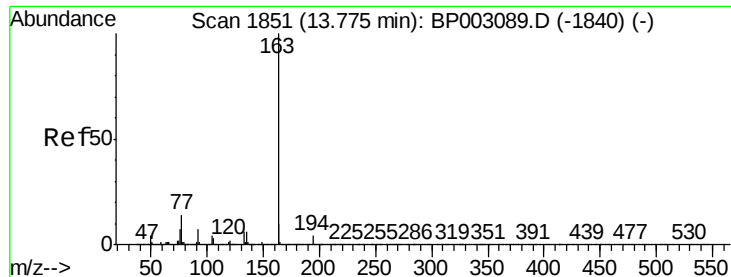
Tot Ion:330 Resp: 901097
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 28.5 24.4 36.6



#45
2-Fluorobiphenyl
Concen: 87.405 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003152.D
Acq: 28 Aug 2020 15:59

Tgt Ion:172 Resp: 2852121
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.6 19.0 28.4





#50

Dimethylphthalate

Concen: 6.116 ng

RT: 13.76 min Scan# 1848

Delta R.T. -0.02 min

Lab File: BP003152.D

Acq: 28 Aug 2020 15:59

Instrument :

BNA_P

ClientSampleId :

HR-06-082620

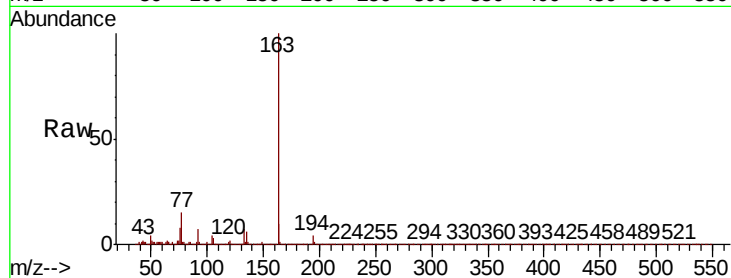
Tot Ion:163 Resp: 222893

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

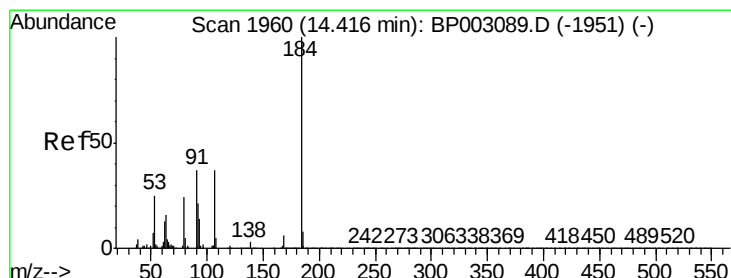
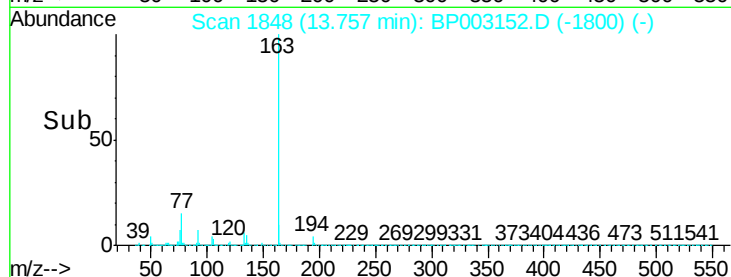
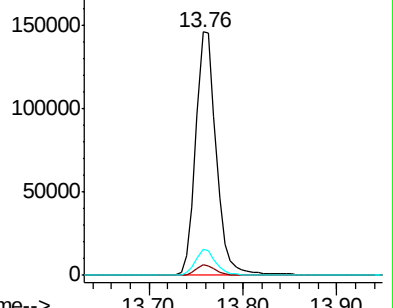
164 10.4 8.1 12.1



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: 7.792 ng

RT: 14.56 min Scan# 1985

Delta R.T. 0.15 min

Lab File: BP003152.D

Acq: 28 Aug 2020 15:59

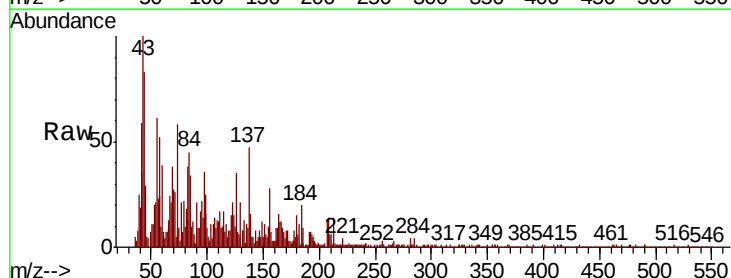
Tgt Ion:184 Resp: 171

Ion Ratio Lower Upper

184 100

63 32.6 32.0 48.0

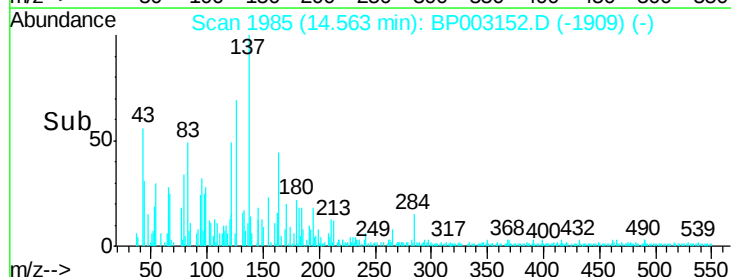
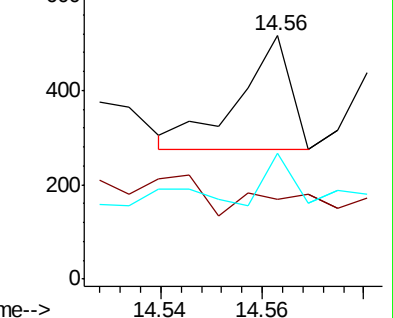
154 51.9 48.2 72.2

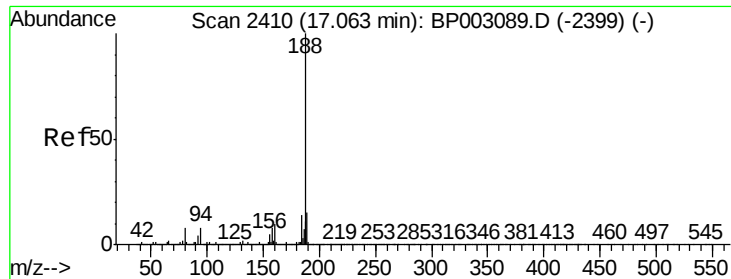


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

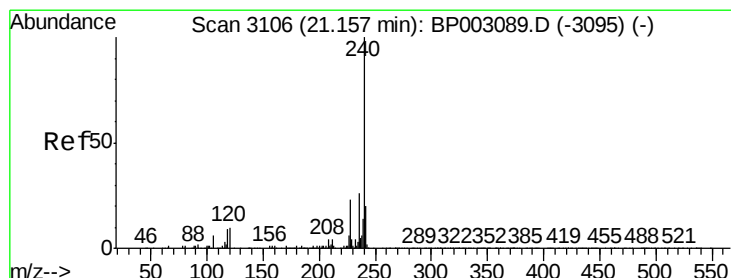
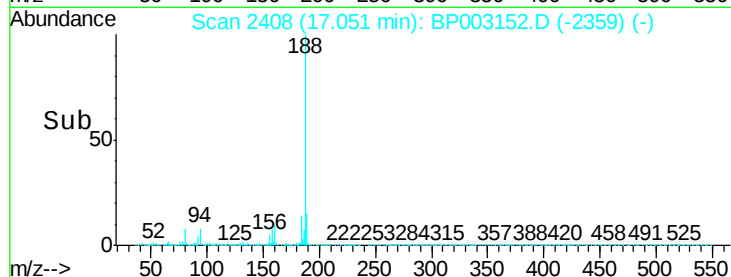
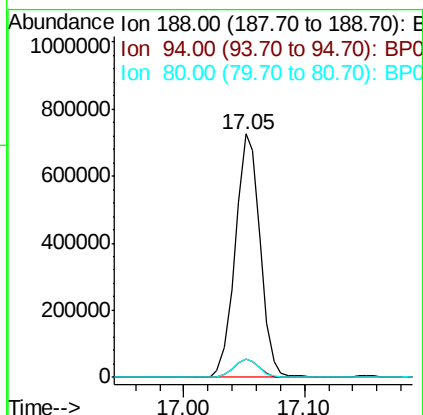
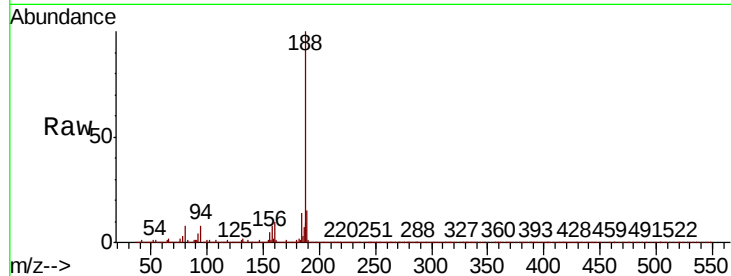




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BP003152.D
Acq: 28 Aug 2020 15:59

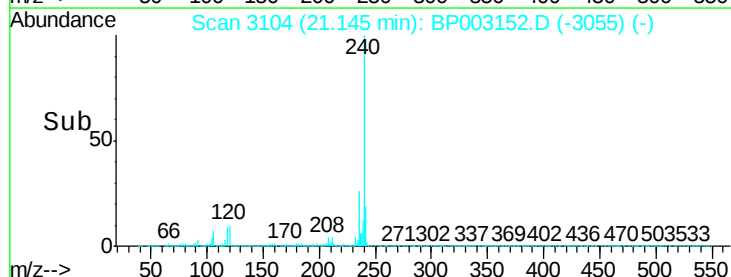
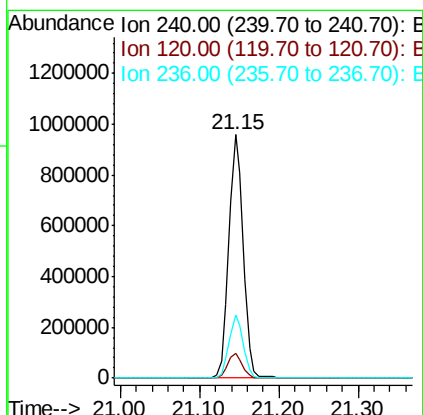
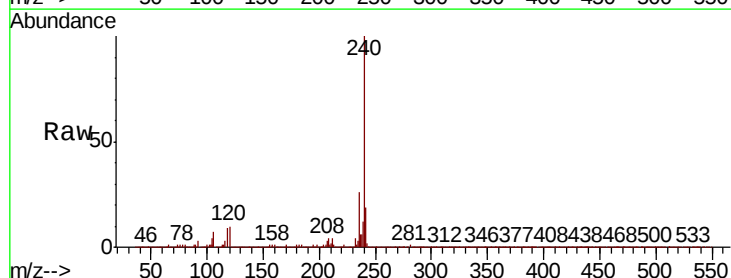
Instrument :
BNA_P
ClientSampleId :
HR-06-082620

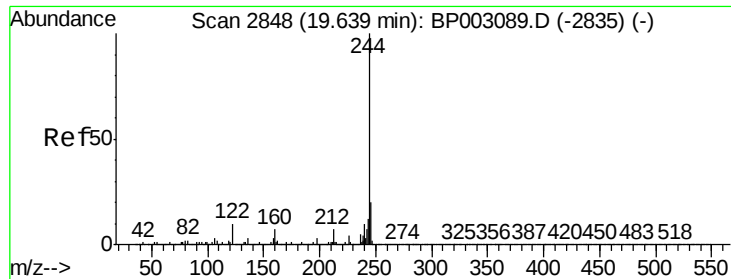
Tot Ion:188 Resp: 1041357
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.4
80 7.7 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP003152.D
Acq: 28 Aug 2020 15:59

Tgt Ion:240 Resp: 1202780
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 25.7 20.6 31.0





#79

Terphenyl-d14

Concen: 78.164 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BP003152.D

Acq: 28 Aug 2020 15:59

Instrument :

BNA_P

ClientSampleId :

HR-06-082620

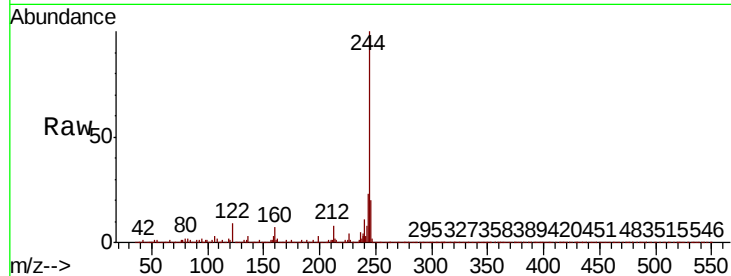
Tot Ion:244 Resp: 4272551

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

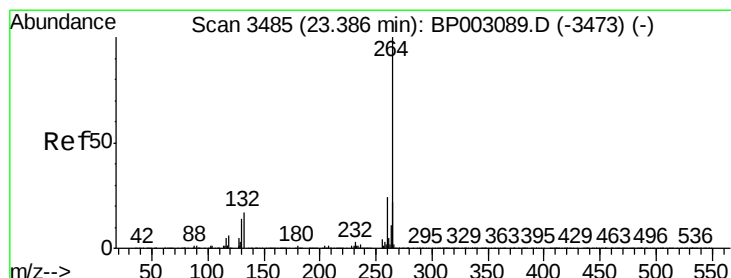
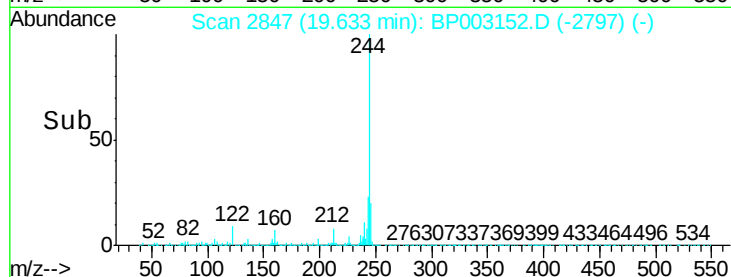
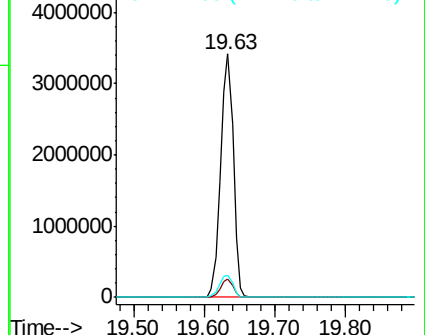
122 9.2 7.7 11.5



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: BP003152.D

Acq: 28 Aug 2020 15:59

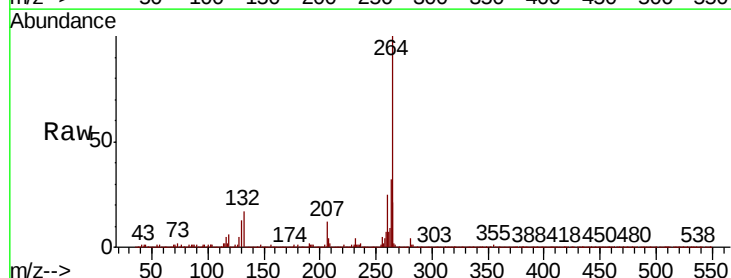
Tgt Ion:264 Resp: 783229

Ion Ratio Lower Upper

264 100

260 25.4 19.0 28.6

265 21.2 17.7 26.5



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

