

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 :

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

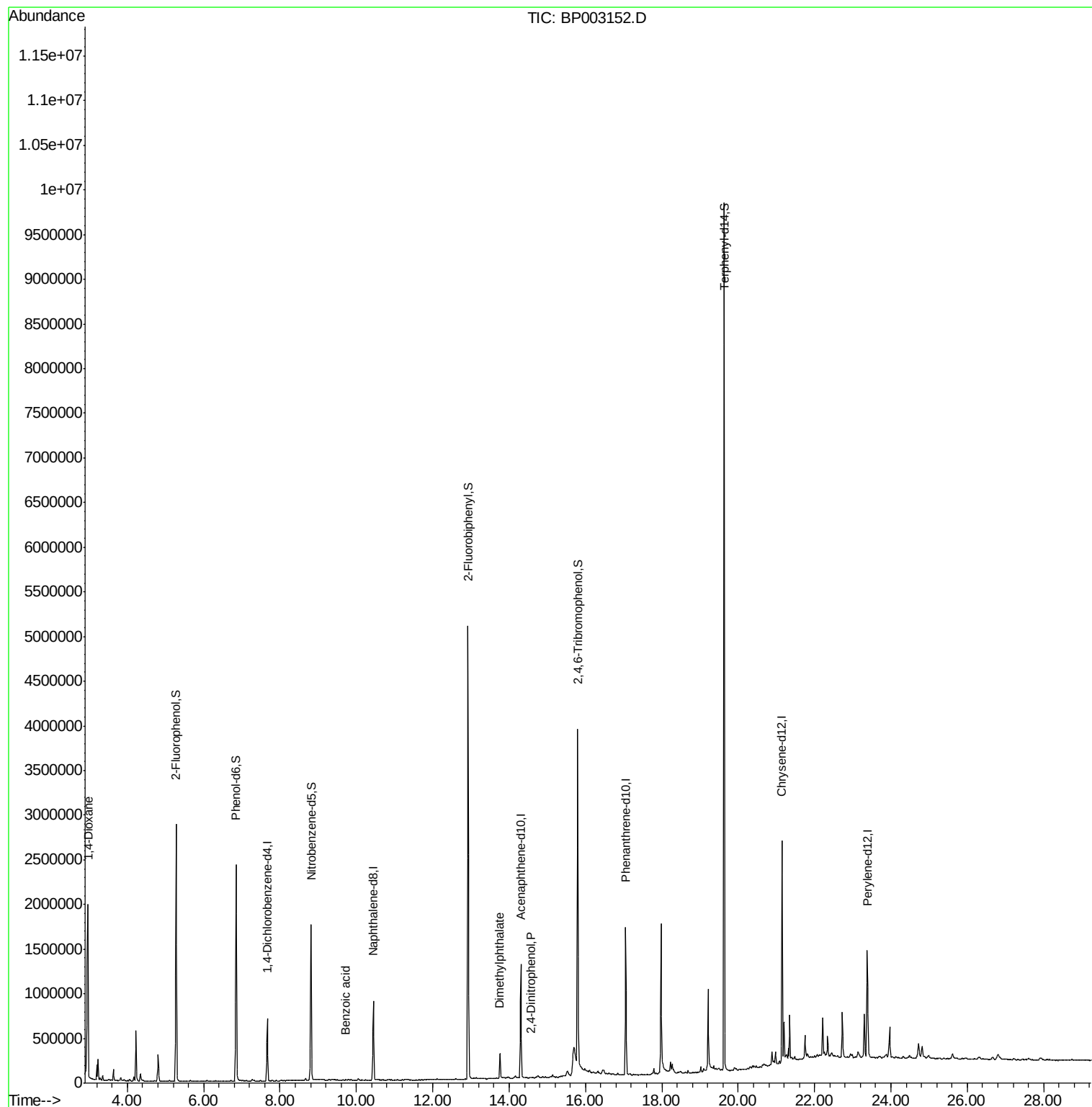
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	211426	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	820313	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	477869	20.00	ng	-0.01
64) Phenanthrene-d10	17.05	188	1041357	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	1202780	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

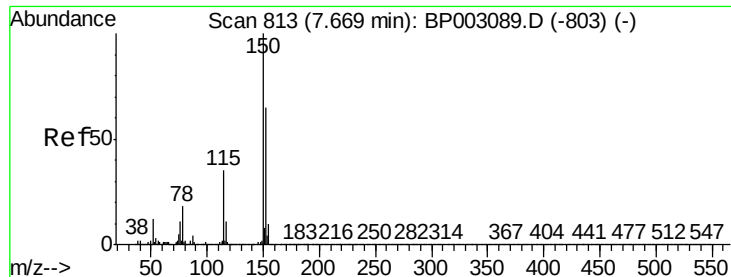
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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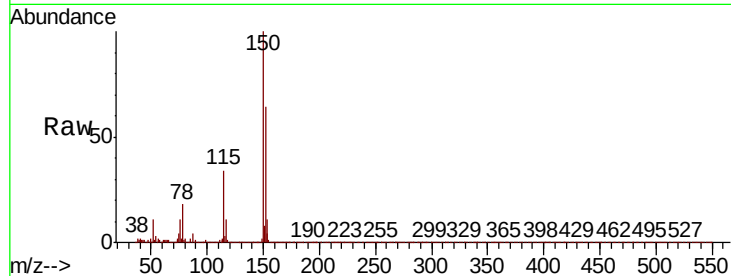


#1

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
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.1	184.7
115	53.4	42.8	64.2

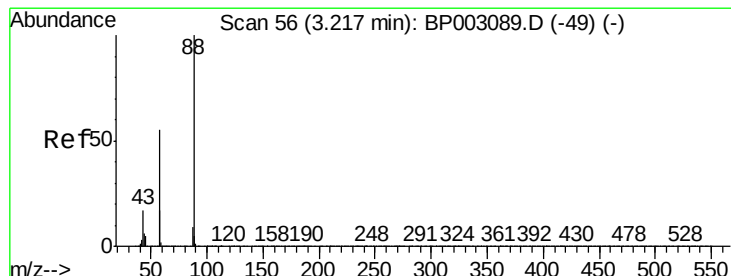
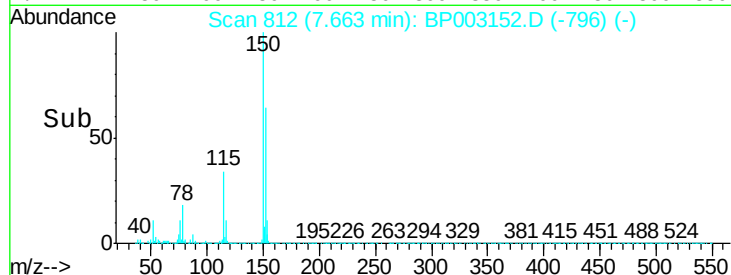
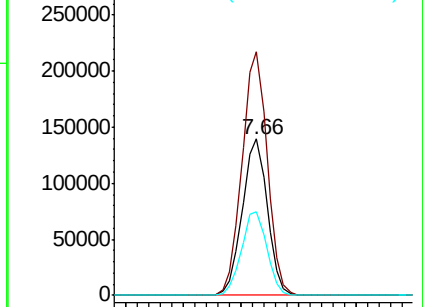


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

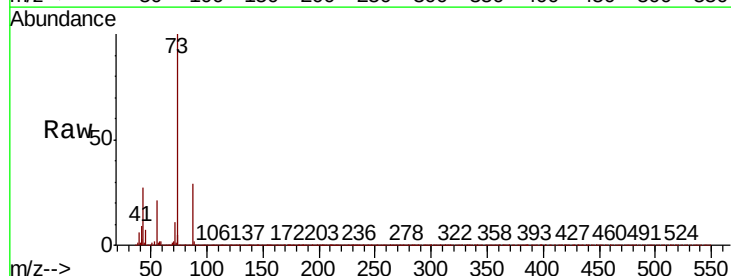
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
88	100		
58	25.2	44.3	66.5#
43	1596.8	14.3	21.5#

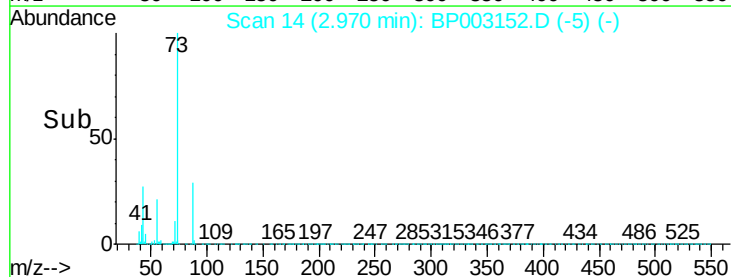
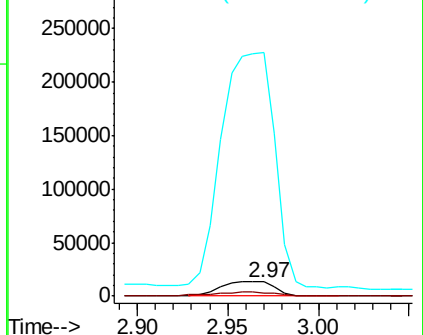


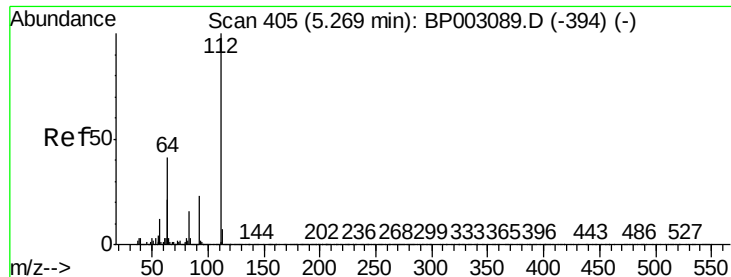
Abundance

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

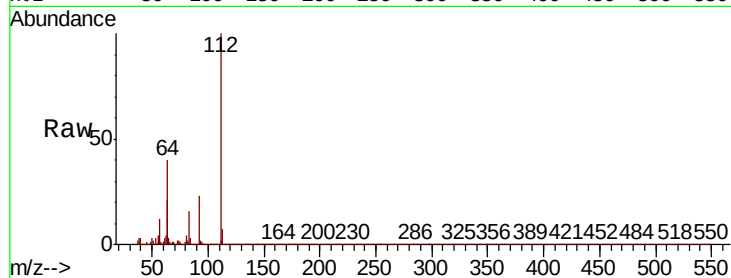
Instrument :

BNA_P

ClientSampleId :

Tot Ion:112 Resp: 1493796

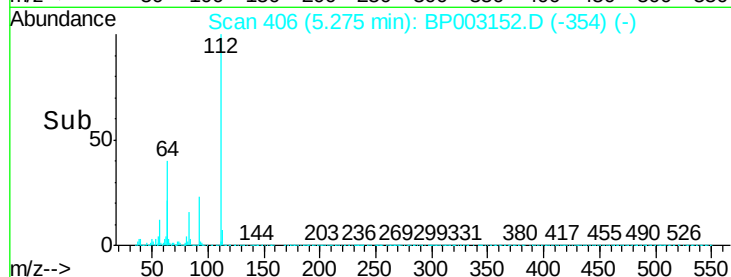
Ion	Ratio	Lower	Upper
112	100		
64	39.8	33.0	49.6
63	21.3	16.9	25.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

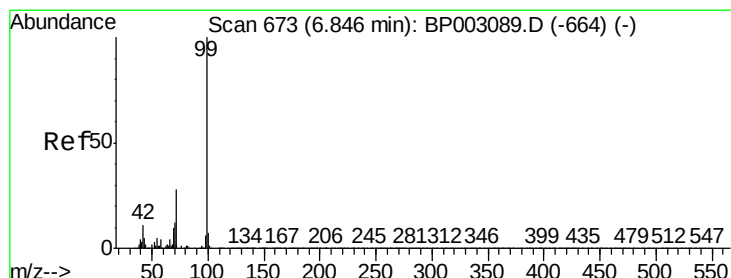
Ion 63.00 (62.70 to 63.70): BP0



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

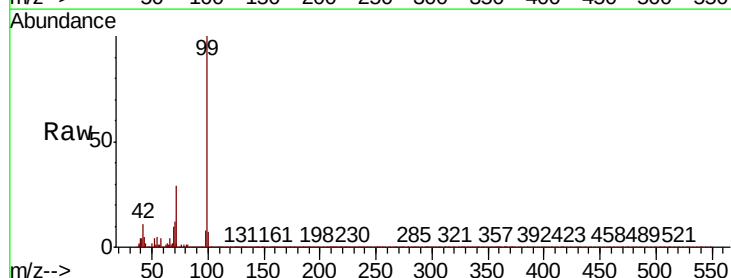
Delta R.T. 0.01 min

Lab File: BP003152.D

Acq: 28 Aug 2020 15:59

Tgt Ion: 99 Resp: 1689423

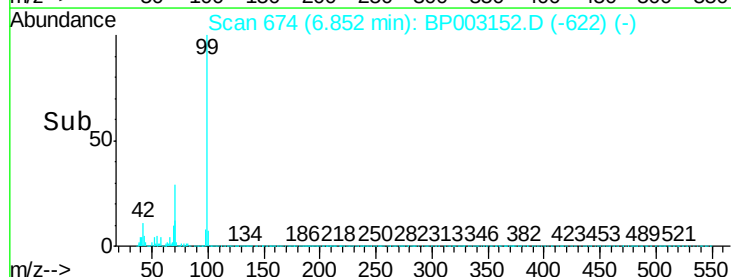
Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.5	12.7
71	28.8	22.8	34.2



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

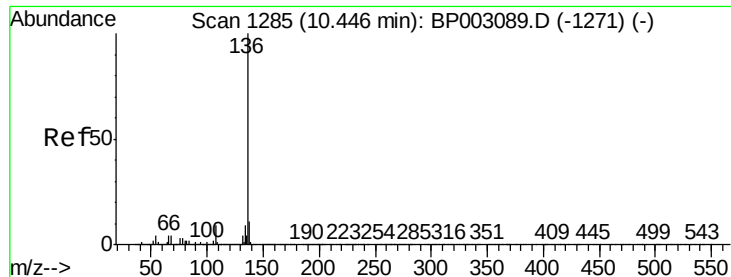
Ion 71.00 (70.70 to 71.70): BP0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

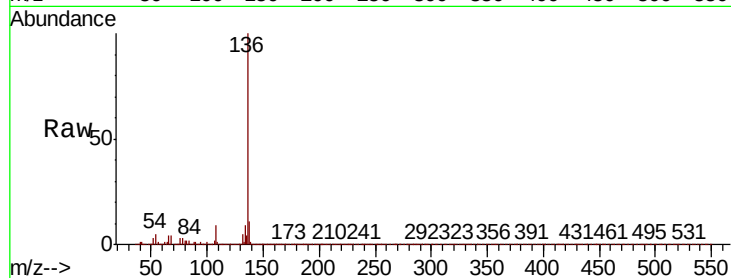
Ion 71.00 (70.70 to 71.70): BP0



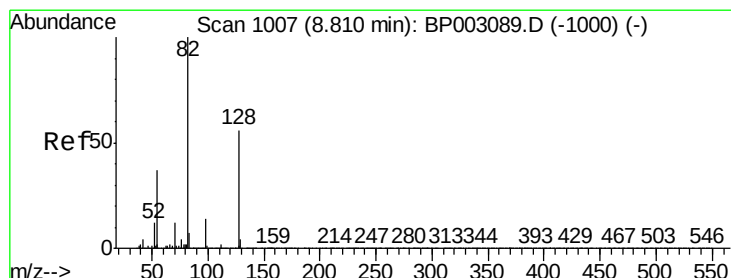
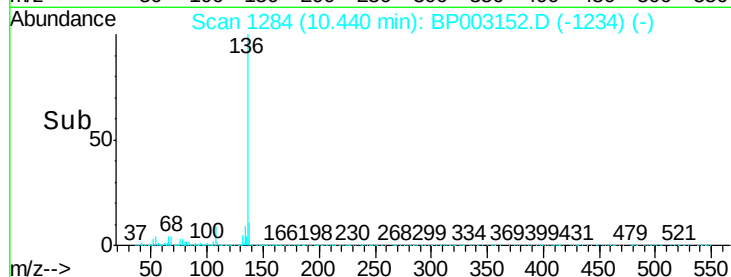
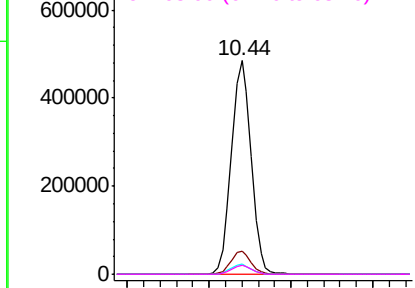
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BP003152.D
Acq: 28 Aug 2020 15:59

Instrument :
BNA_P
ClientSampleId :

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

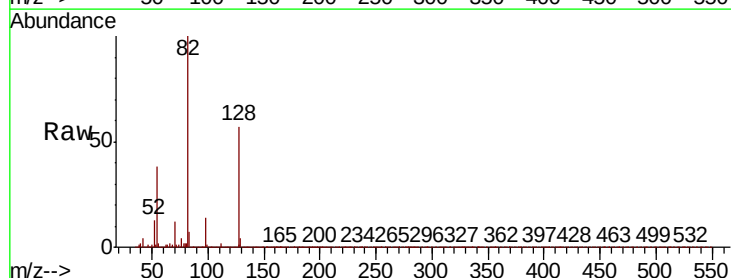


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

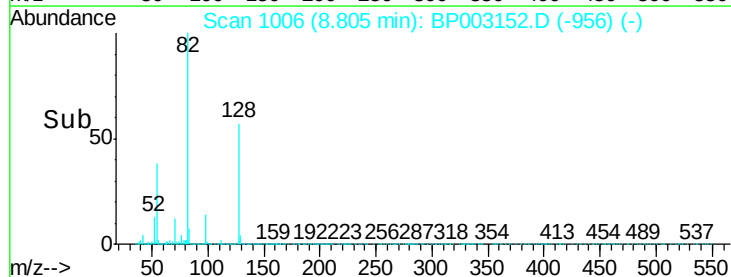
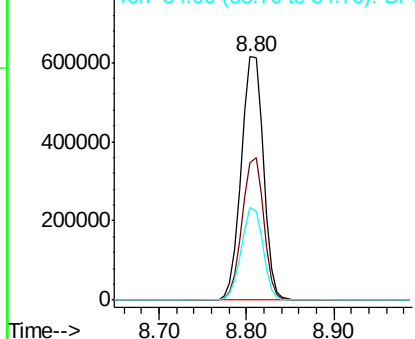


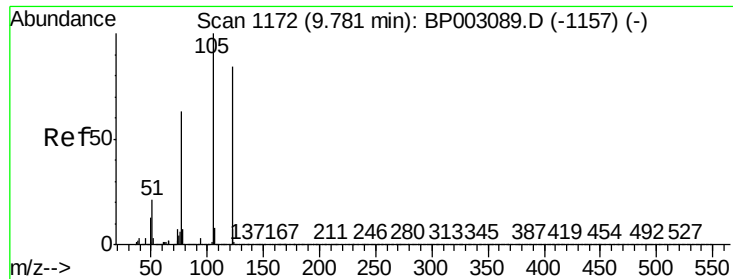
#23
Nitrobenzene-d5
Concen: 91.470 ng
RT: 8.80 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BP003152.D
Acq: 28 Aug 2020 15:59

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

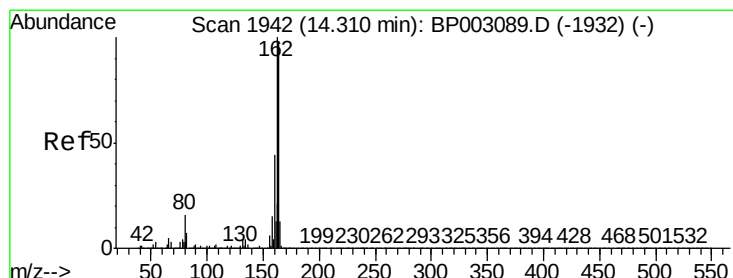
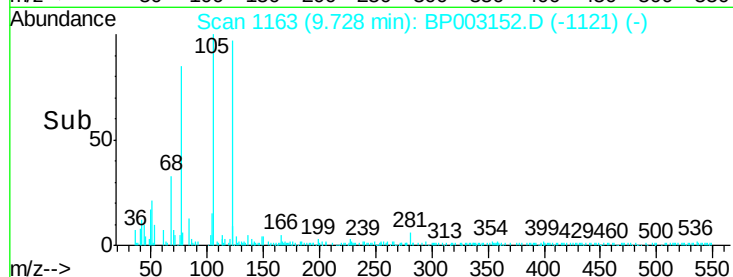
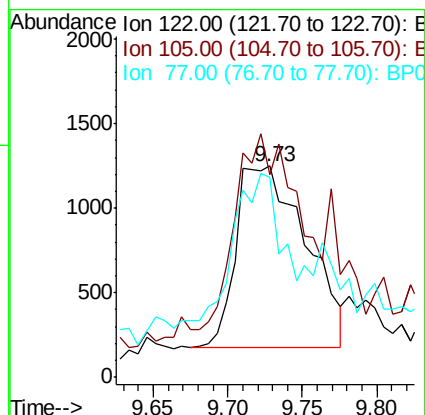
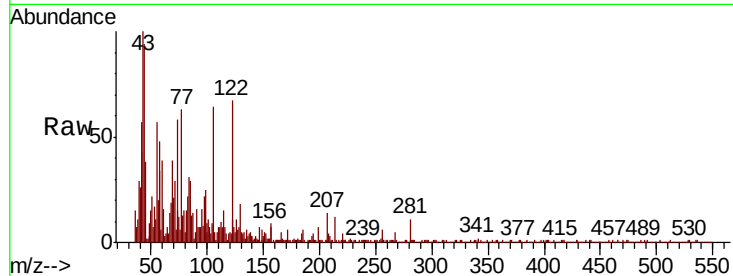




#32
Benzoic acid
Concen: 9.361 ng
RT: 9.73 min Scan# 1163
Delta R.T. -0.05 min
Lab File: BP003152.D
Acq: 28 Aug 2020 15:59

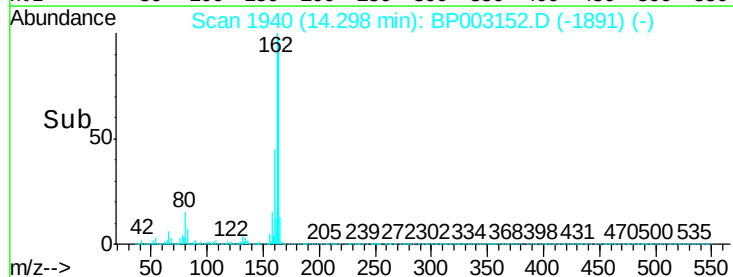
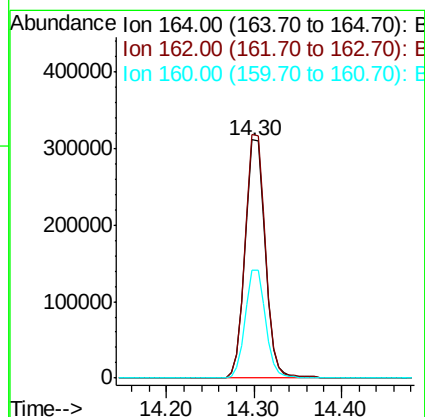
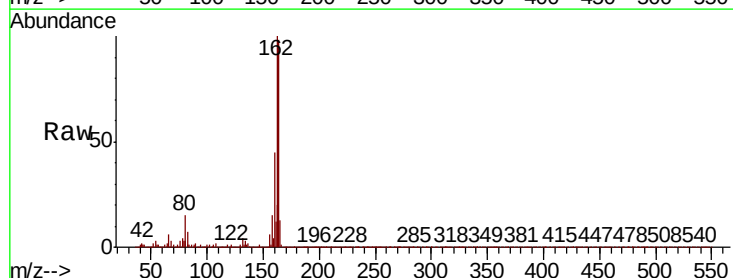
Instrument :
BNA_P
ClientSampleId :

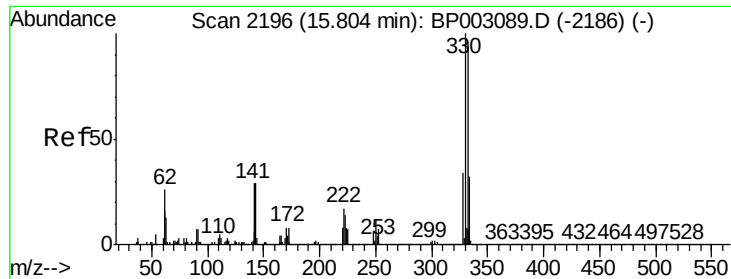
Tot Ion	Ratio	Lower	Upper
122	100		
105	96.0	98.1	138.1#
77	94.6	55.3	95.3



#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	Ratio	Lower	Upper
164	100		
162	102.3	81.2	121.8
160	45.6	36.0	54.0

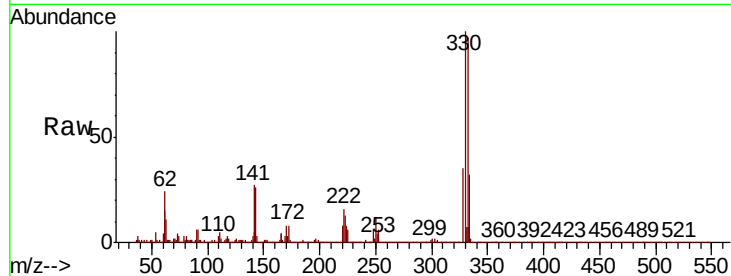




#42
2,4,6-Tribromophenol
Concen: 139.423 ng
RT: 15.80 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BP003152.D
Acq: 28 Aug 2020 15:59

Instrument :
BNA_P
ClientSampleId :

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

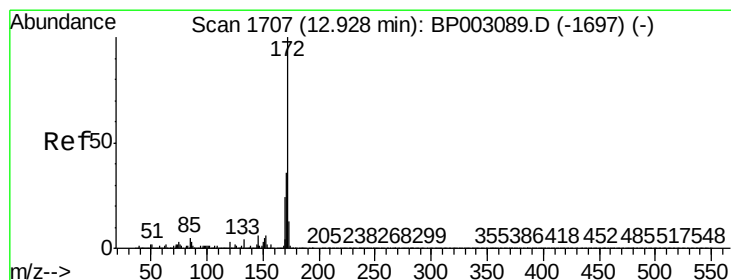
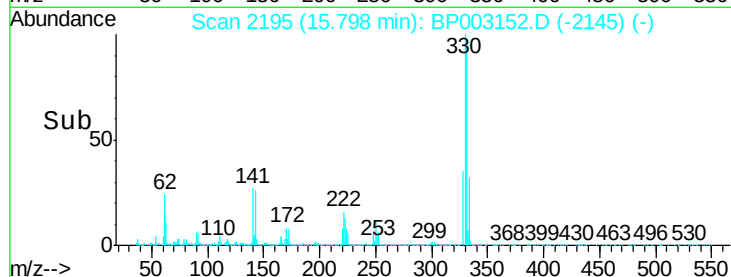
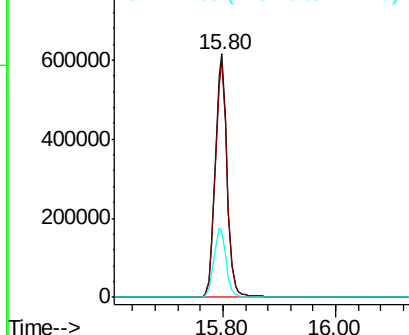


Abundance

Ion 329.80 (329.50 to 330.50): E

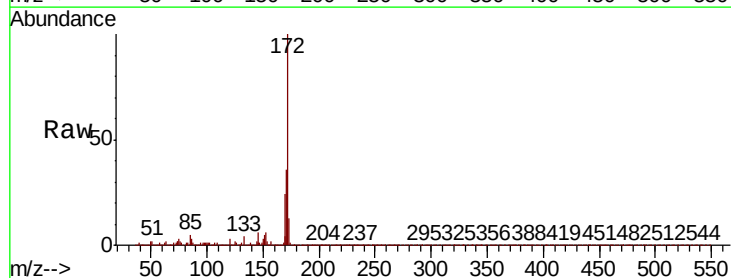
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 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	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	23.6	19.0	28.4

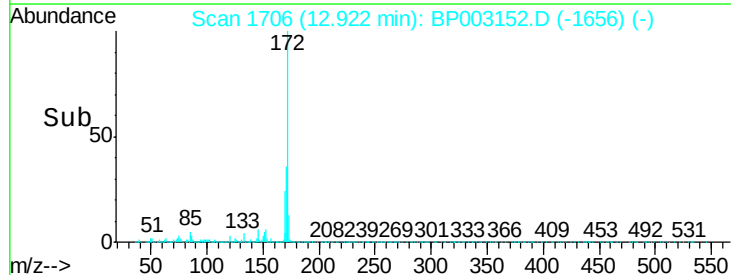
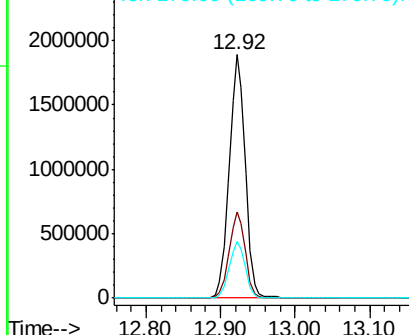


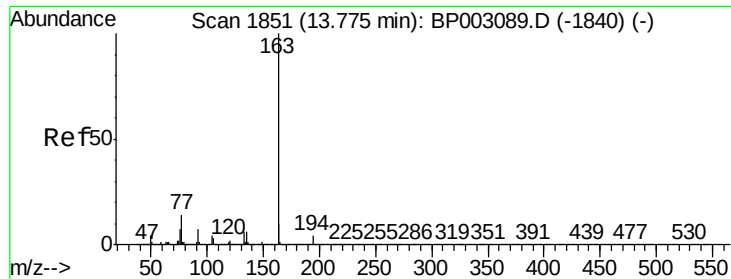
Abundance

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: 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 :

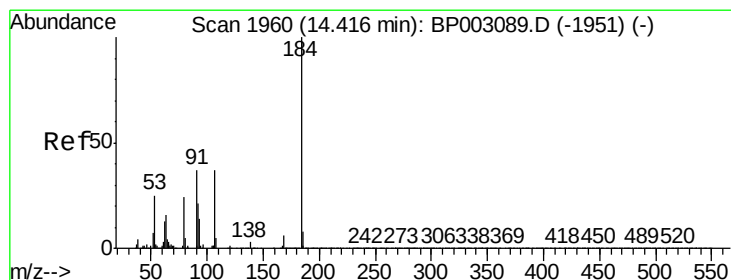
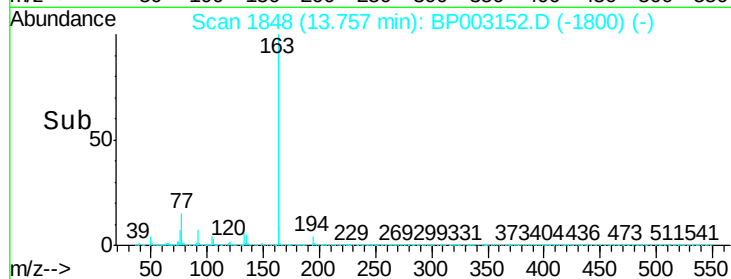
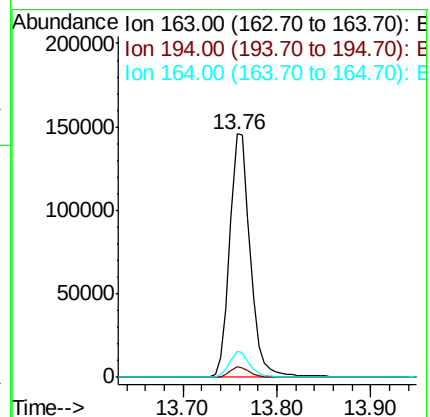
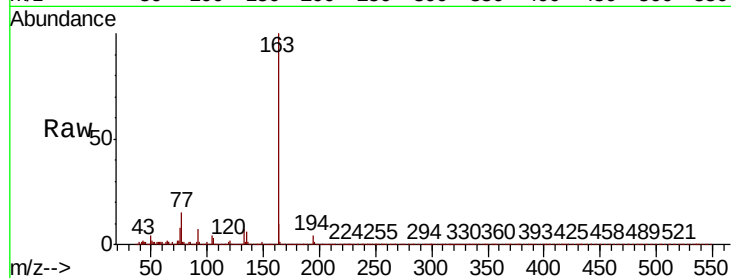
Tot Ion:163 Resp: 222893

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.4 8.1 12.1



#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

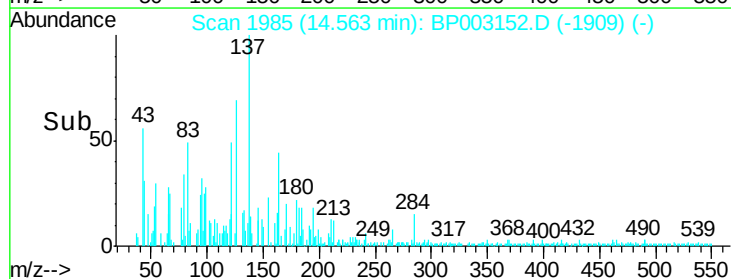
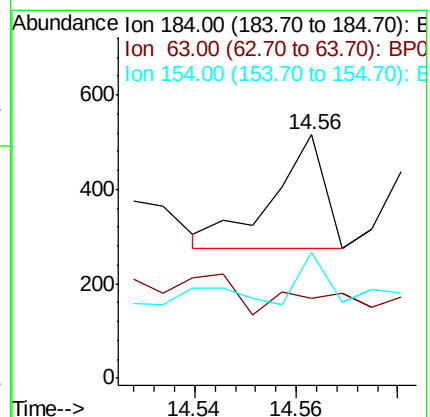
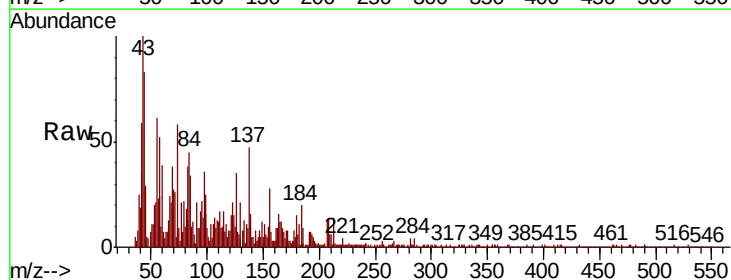
Tgt Ion:184 Resp: 171

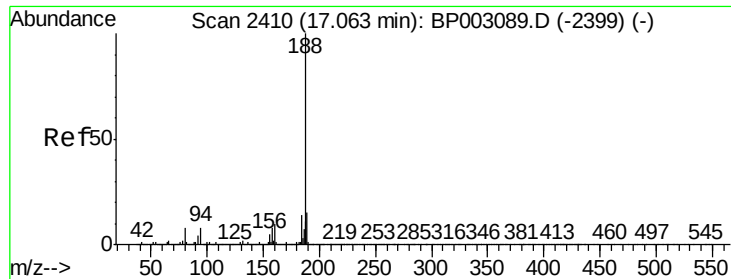
Ion Ratio Lower Upper

184 100

63 32.6 32.0 48.0

154 51.9 48.2 72.2





#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

ClientSampled :

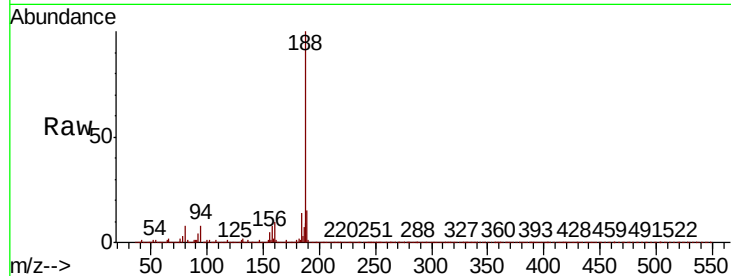
Tot Ion:188 Resp: 1041357

Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.4

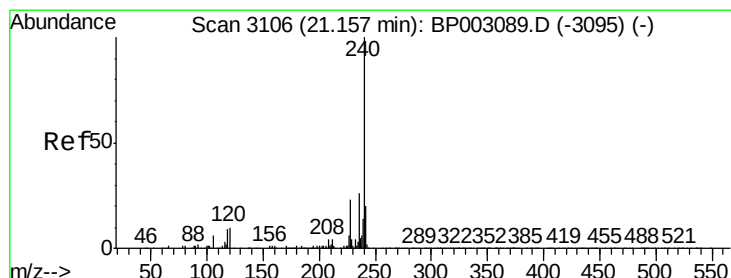
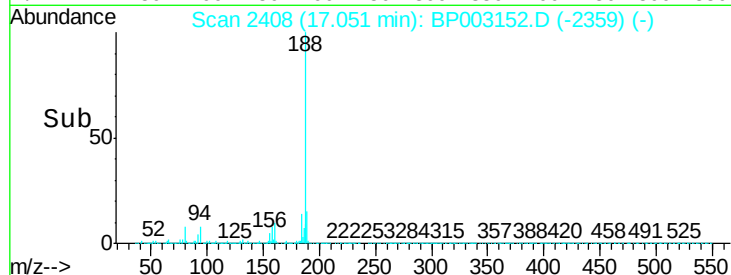
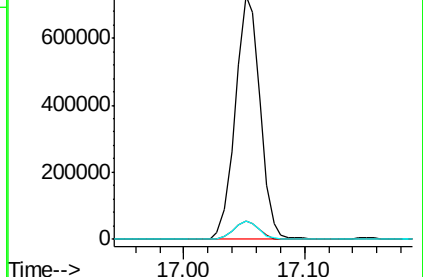
80 7.7 6.4 9.6



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: 21.15 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BP003152.D

Acq: 28 Aug 2020 15:59

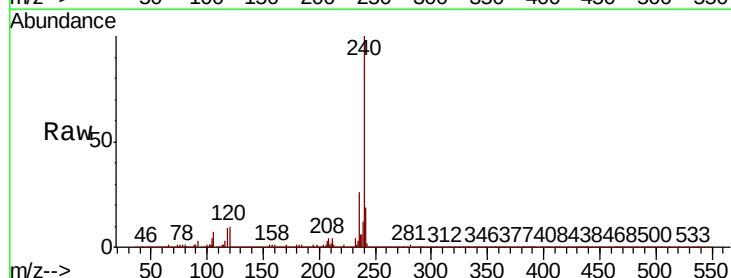
Tgt Ion:240 Resp: 1202780

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

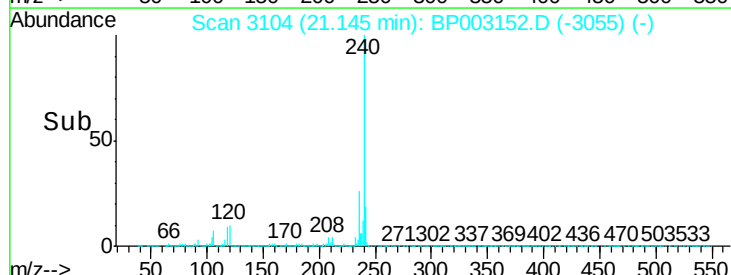
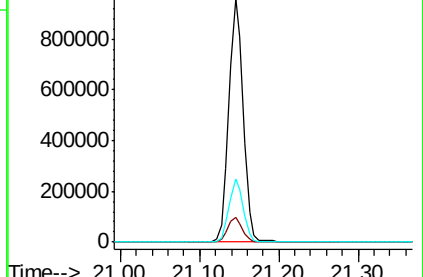
236 25.7 20.6 31.0

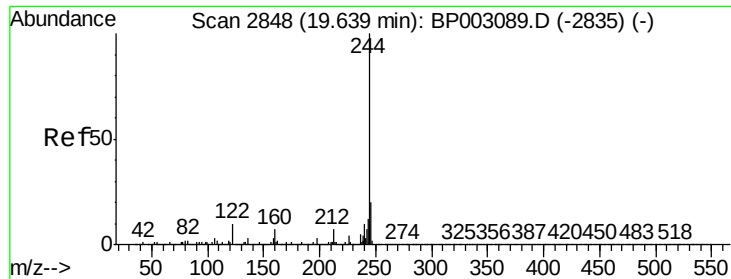


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

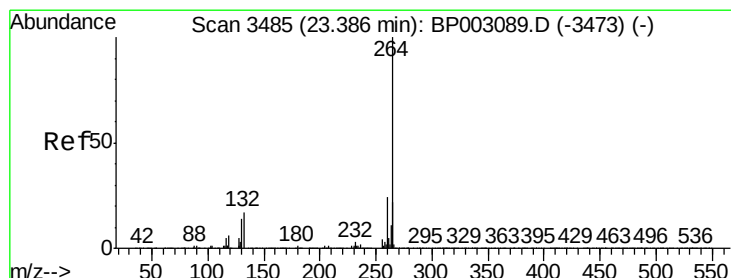
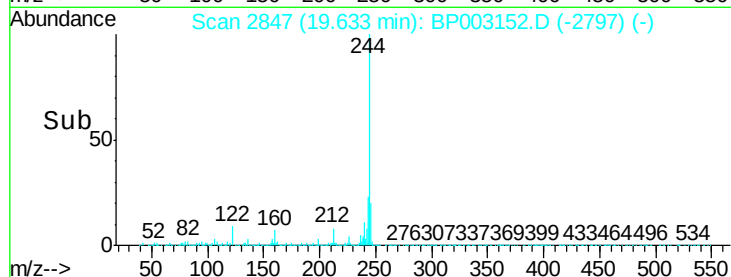
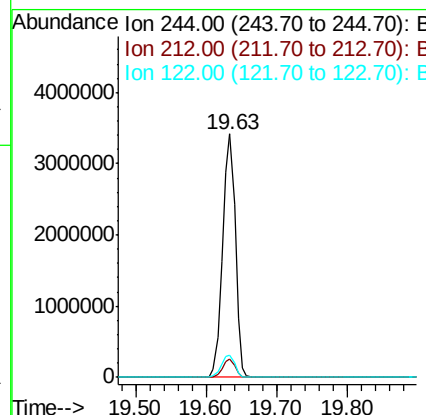
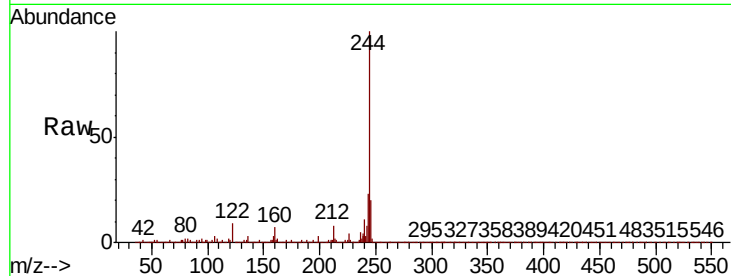




#79
 Terphenyl-d14
 Concen: 78.164 ng
 RT: 19.63 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BP003152.D
 Acq: 28 Aug 2020 15:59

Instrument :
 BNA_P
 ClientSampled :

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



#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

