

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
 Data File : BP003155.D
 Acq On : 28 Aug 2020 17:41
 Operator : CG/JU
 Sample : L3507-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 28 18:57:24 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

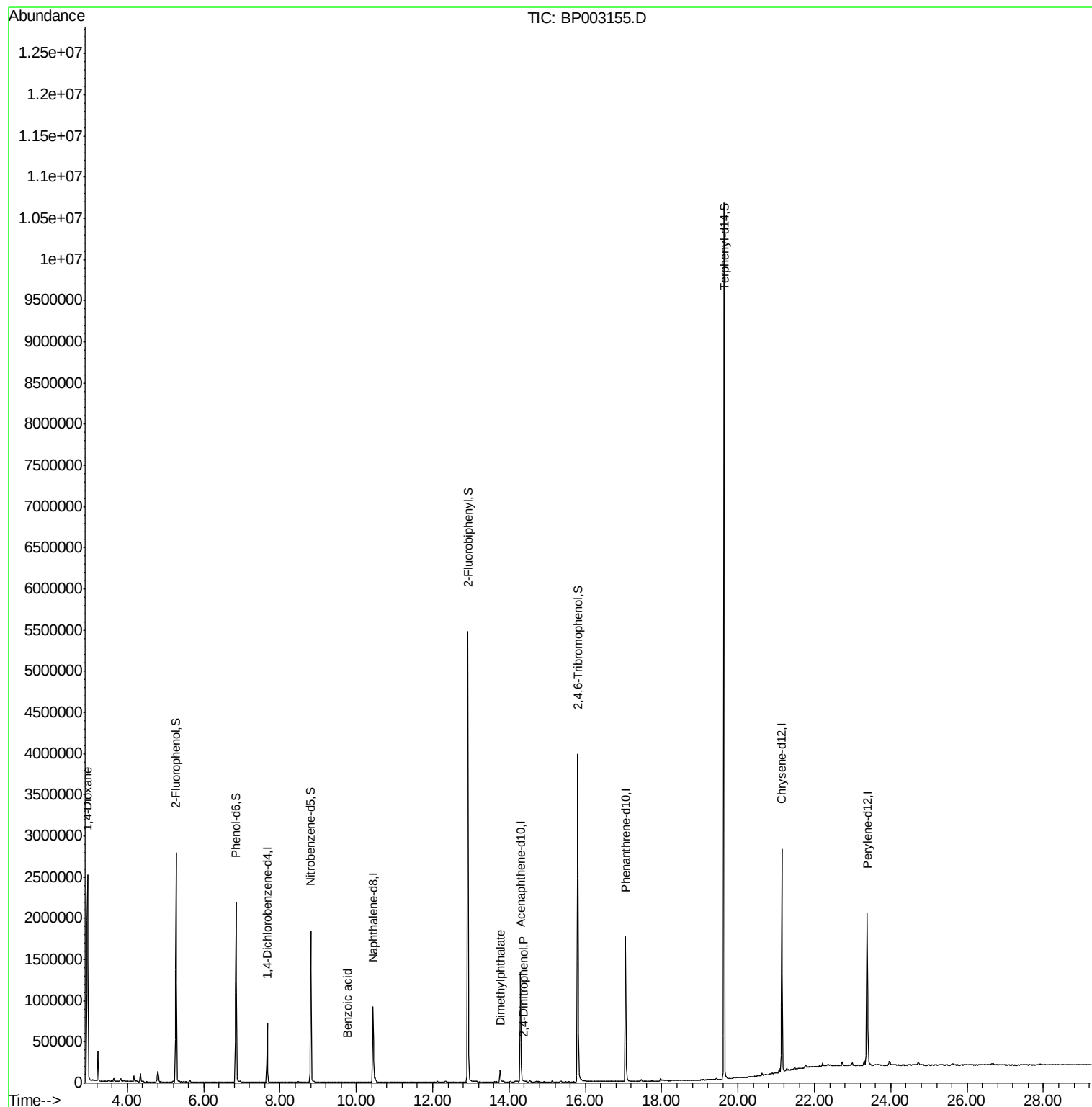
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	218484	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	845458	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	512231	20.00	ng	-0.01
64) Phenanthrene-d10	17.05	188	1149057	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	1319006	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1451233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1417280	114.69	ng	0.00
7) Phenol-d6	6.85	99	1475405	95.24	ng	0.00
23) Nitrobenzene-d5	8.81	82	1099979	93.79	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	968318	139.77	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3111697	88.96	ng	0.00
79) Terphenyl-d14	19.63	244	4811072	80.26	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.96	88	30617	6.481	ng	# 1
32) Benzoic acid	9.76	122	146	9.012	ng	# 71
50) Dimethylphthalate	13.76	163	120743	3.091	ng	99
54) 2,4-Dinitrophenol	14.39	184	30	7.761	ng	# 1

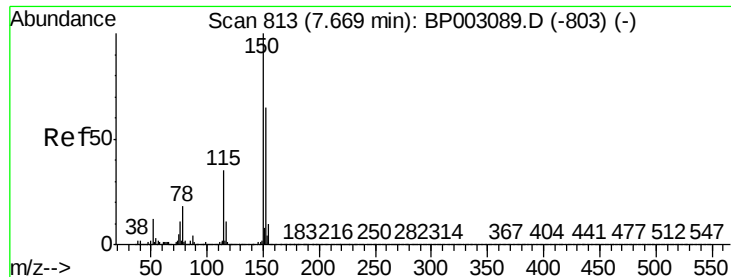
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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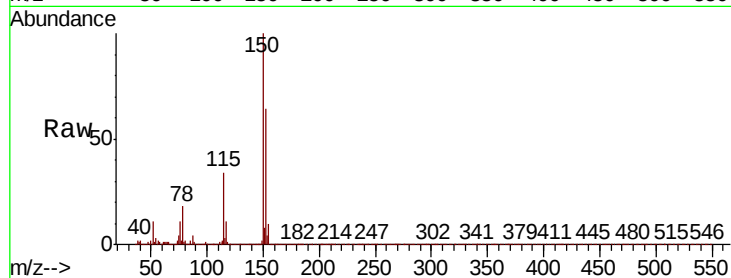


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.1	184.7
115	53.7	42.8	64.2

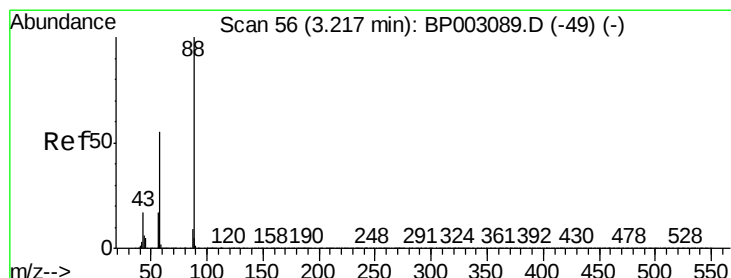
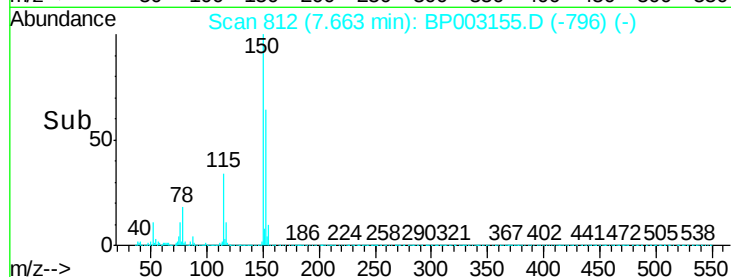
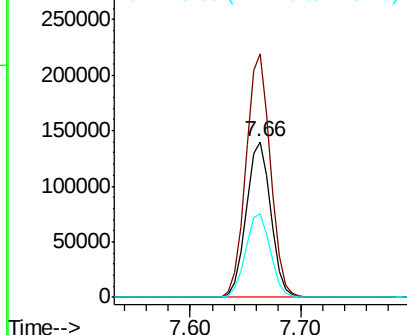


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

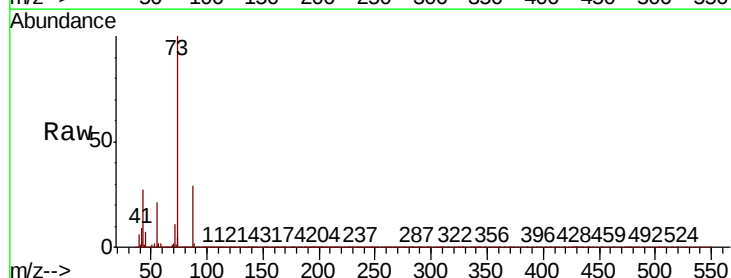
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 6.481 ng
RT: 2.96 min Scan# 12
Delta R.T. -0.26 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	22.7	44.3	66.5#
43	1641.8	14.3	21.5#

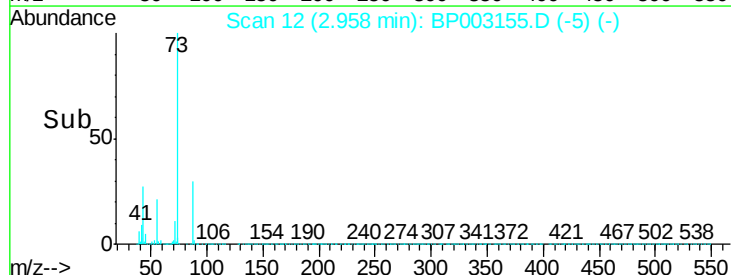
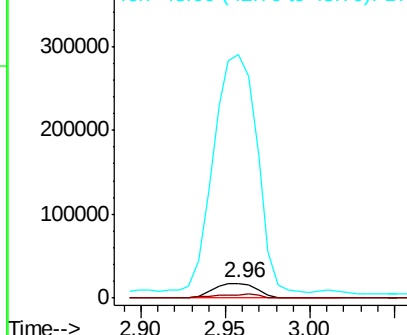


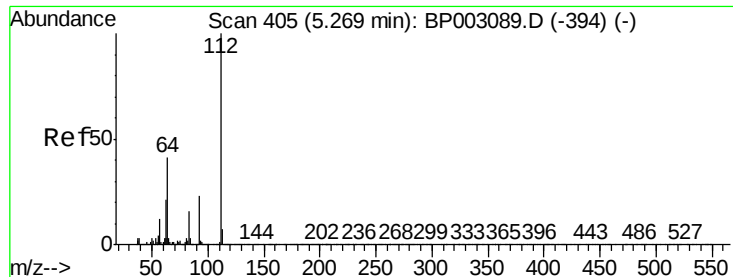
Abundance

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: 114.690 ng

RT: 5.28 min Scan# 406

Delta R.T. 0.01 min

Lab File: BP003155.D

Acq: 28 Aug 2020 17:41

Instrument :

BNA_P

ClientSampleId :

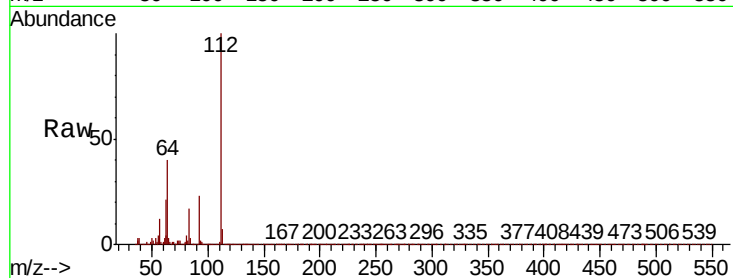
Tot Ion:112 Resp: 1417280

Ion Ratio Lower Upper

112 100

64 40.0 33.0 49.6

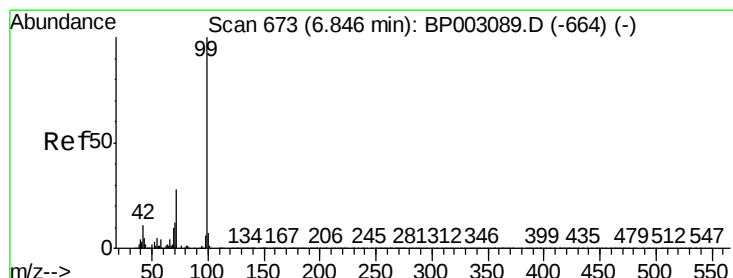
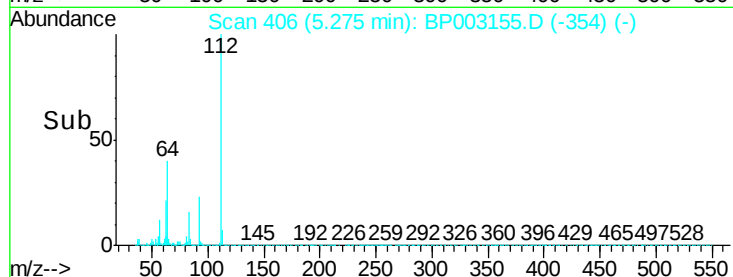
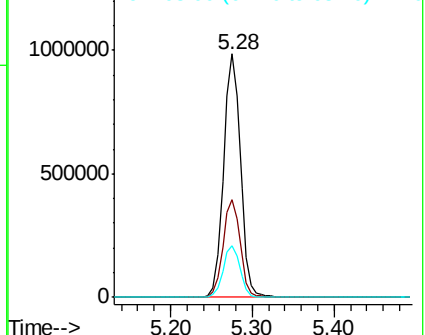
63 21.5 16.9 25.3



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: 95.243 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP003155.D

Acq: 28 Aug 2020 17:41

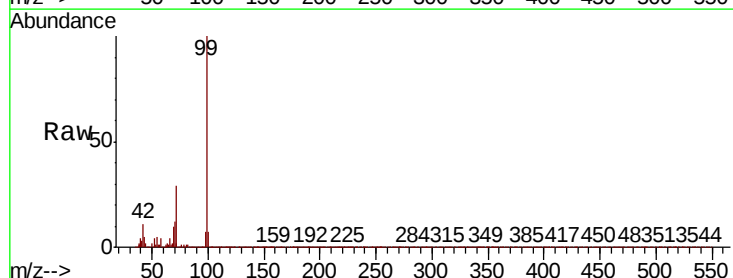
Tgt Ion: 99 Resp: 1475405

Ion Ratio Lower Upper

99 100

42 10.6 8.5 12.7

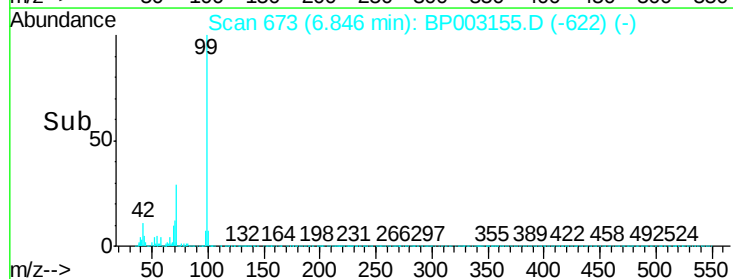
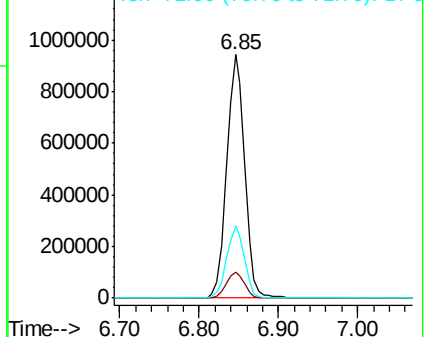
71 29.4 22.8 34.2

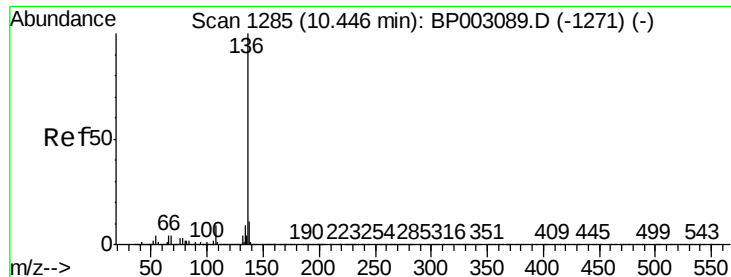


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

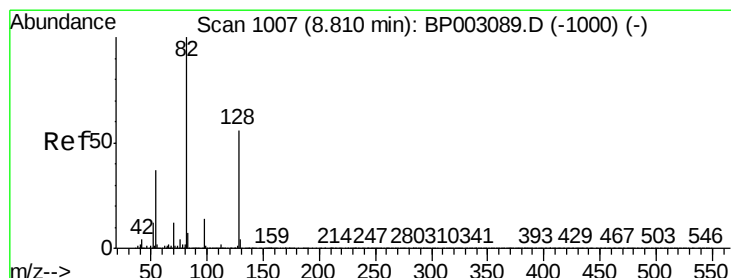
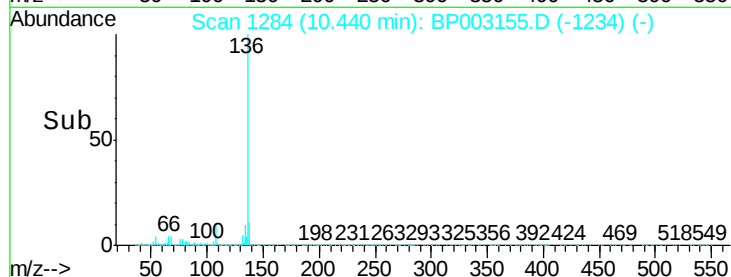
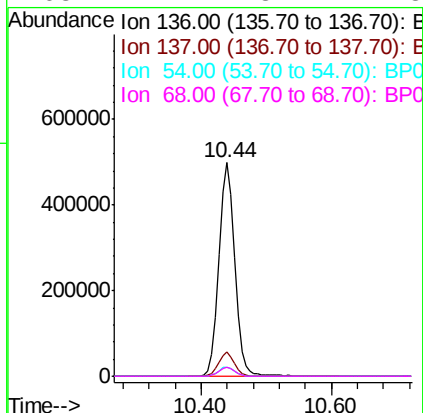
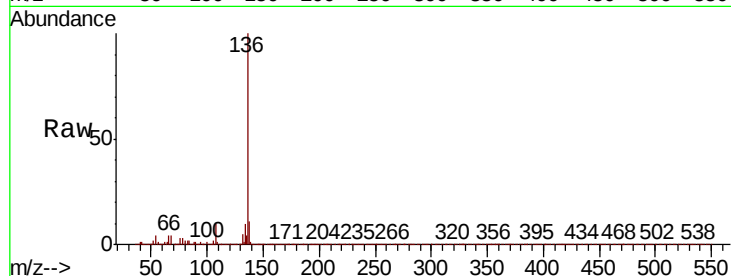




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

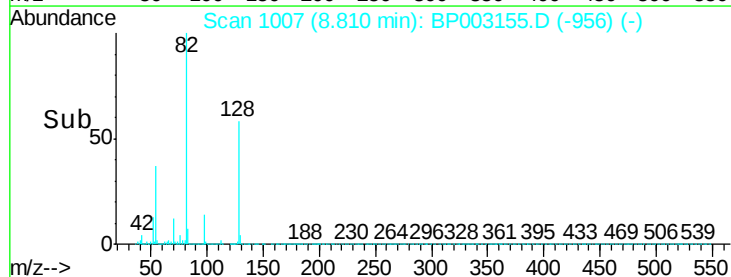
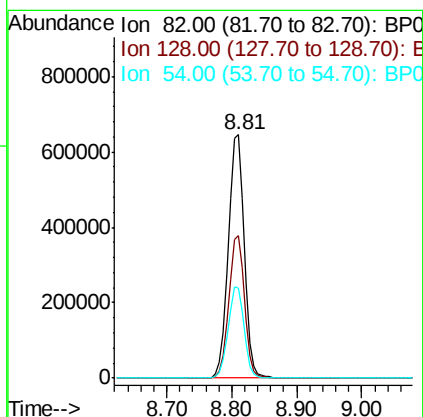
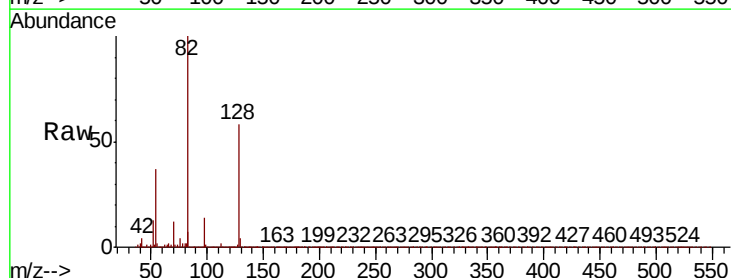
Instrument :
BNA_P
ClientSampleId :

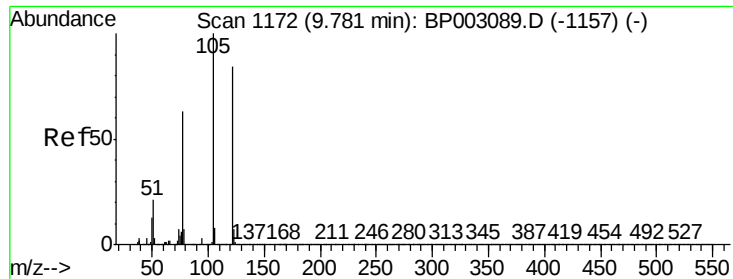
Tot Ion:136	Resp:	845458	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.8	13.2	
54 4.5	3.5	5.3	
68 4.2	3.2	4.8	



#23
Nitrobenzene-d5
Concen: 93.793 ng
RT: 8.81 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Tgt	Ion: 82	Resp: 1099979	
Ion	Ratio	Lower	Upper
82	100		
128	58.4	44.9	67.3
54	37.1	29.4	44.2

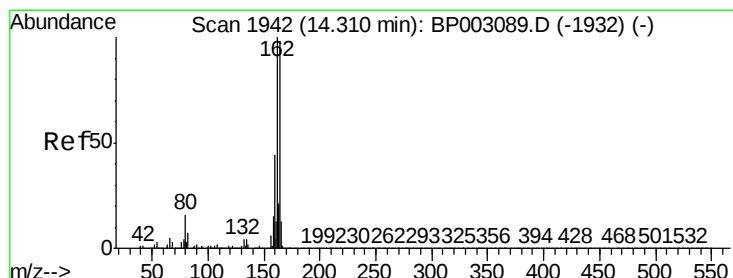
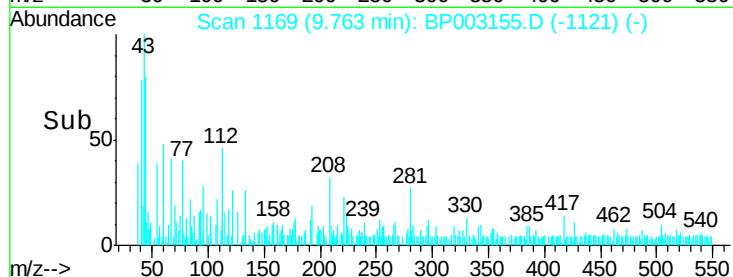
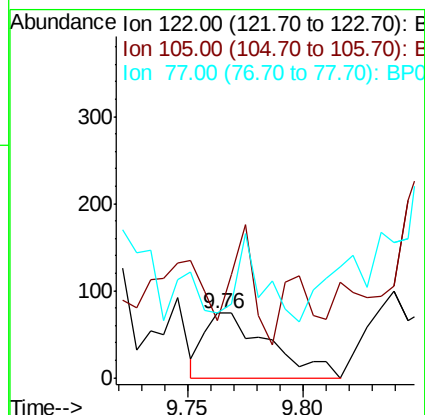
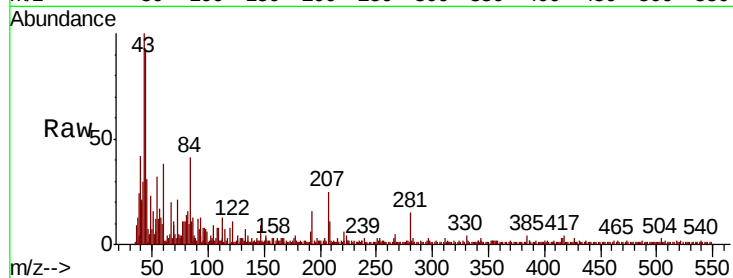




#32
Benzoic acid
Concen: 9.012 ng
RT: 9.76 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

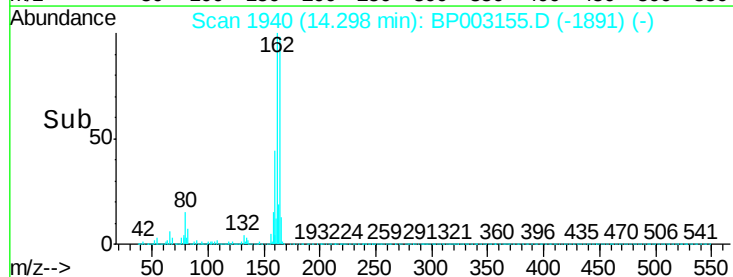
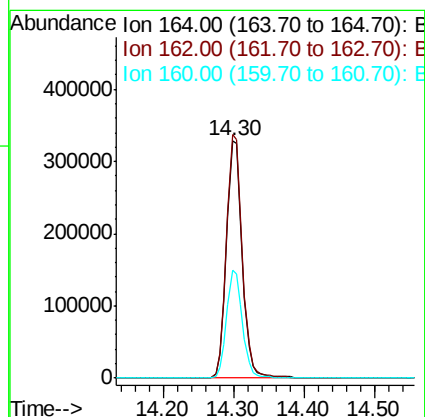
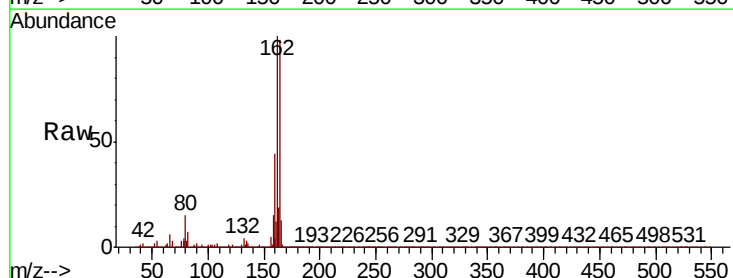
Instrument :
BNA_P
ClientSampleId :

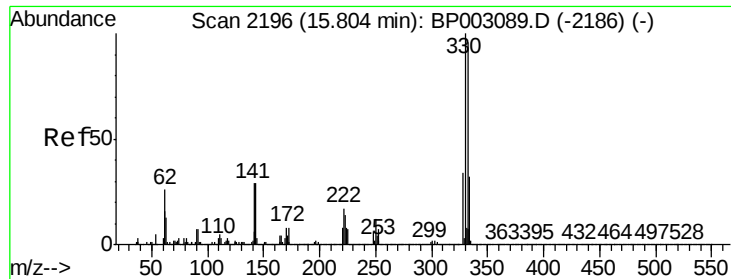
Tot Ion:122 Resp: 146
Ion Ratio Lower Upper
122 100
105 87.8 98.1 138.1#
77 101.4 55.3 95.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Tgt Ion:164 Resp: 512231
Ion Ratio Lower Upper
164 100
162 102.5 81.2 121.8
160 45.3 36.0 54.0

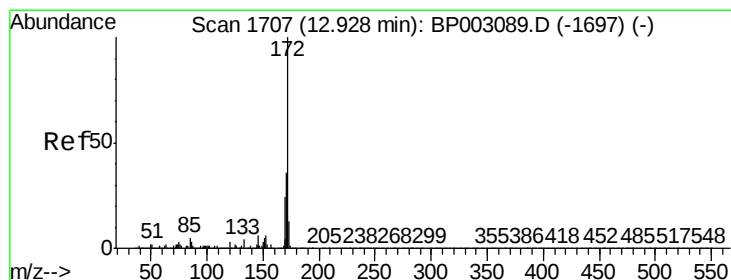
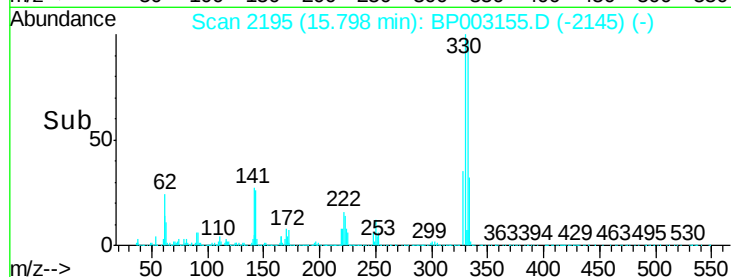
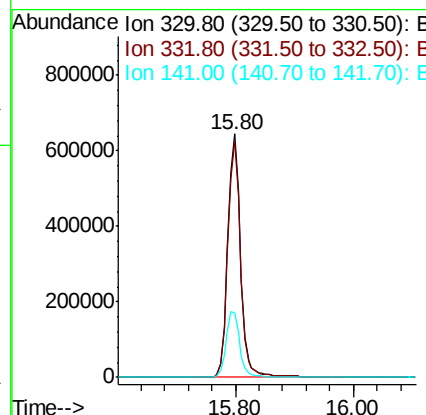
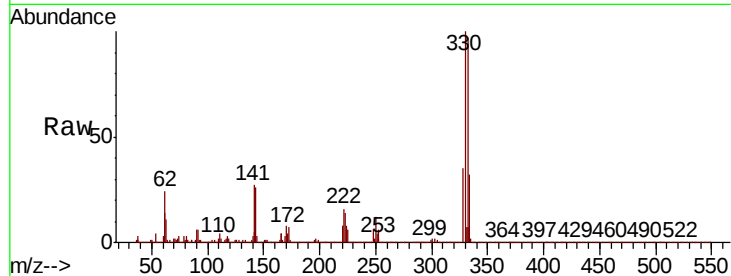




#42
 2,4,6-Tribromophenol
 Concen: 139.773 ng
 RT: 15.80 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BP003155.D
 Acq: 28 Aug 2020 17:41

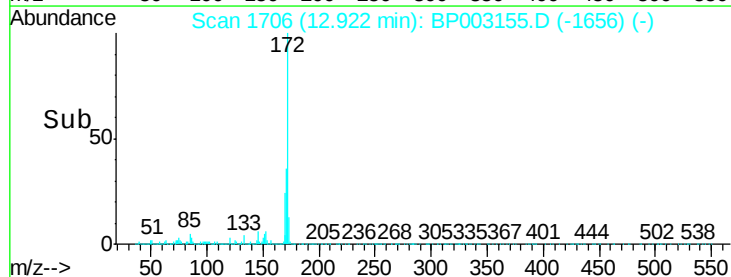
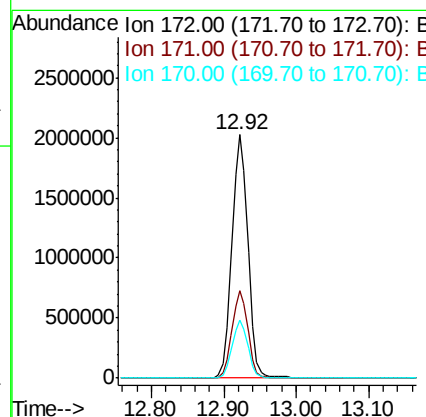
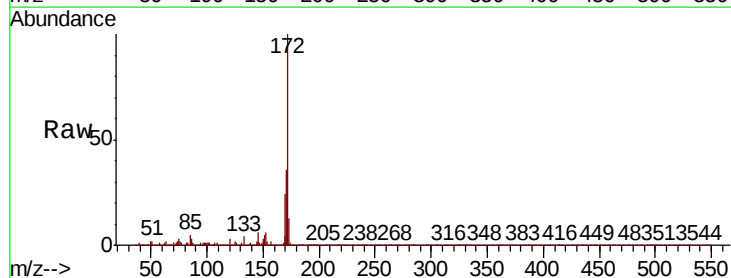
Instrument :
 BNA_P
 ClientSampleId :

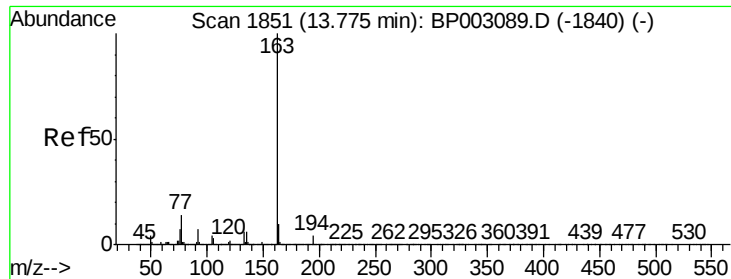
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	28.9	24.4	36.6



#45
 2-Fluorobiphenyl
 Concen: 88.962 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BP003155.D
 Acq: 28 Aug 2020 17:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.7	43.1
170	23.8	19.0	28.4





#50

Dimethylphthalate

Concen: 3.091 ng

RT: 13.76 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BP003155.D

Acq: 28 Aug 2020 17:41

Instrument :

BNA_P

ClientSampleId :

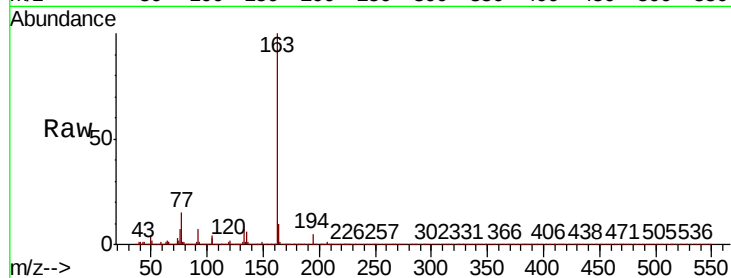
Tot Ion:163 Resp: 120743

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

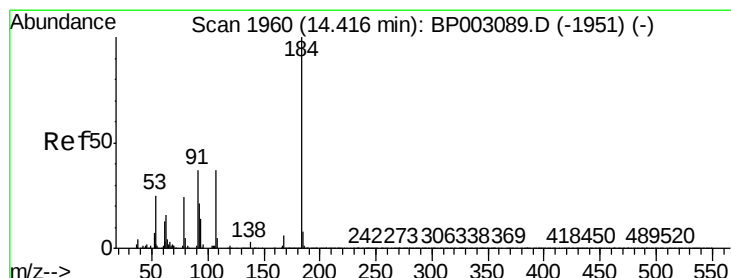
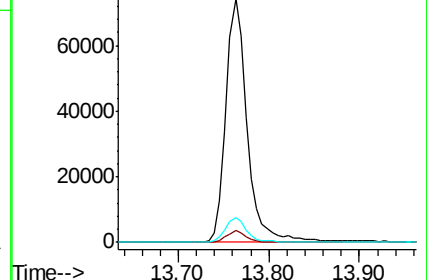
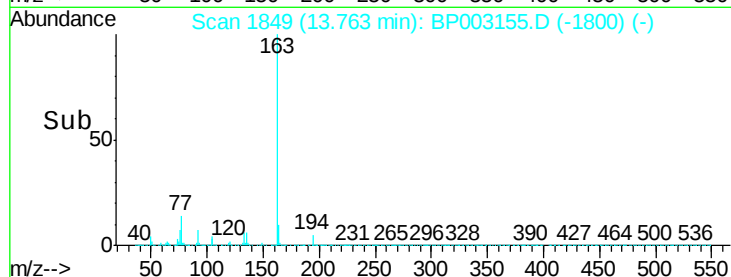
164 10.1 8.1 12.1



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: 7.761 ng

RT: 14.39 min Scan# 1955

Delta R.T. -0.03 min

Lab File: BP003155.D

Acq: 28 Aug 2020 17:41

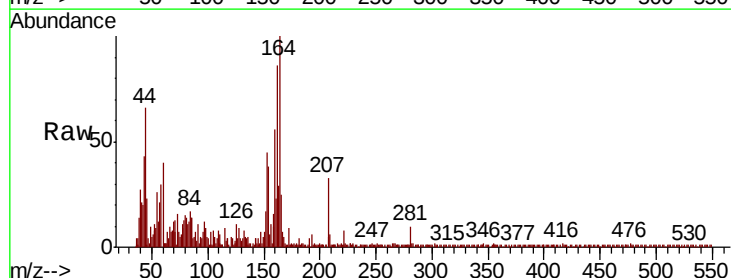
Tgt Ion:184 Resp: 30

Ion Ratio Lower Upper

184 100

63 153.6 32.0 48.0#

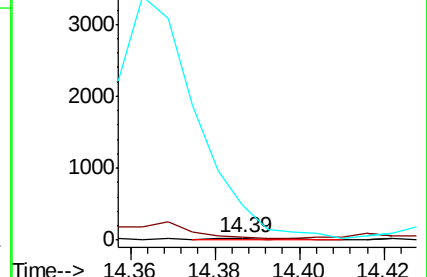
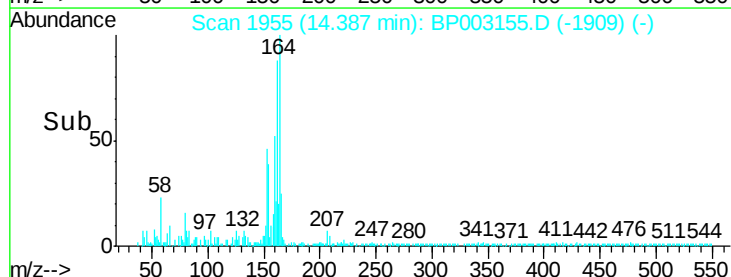
154 1746.4 48.2 72.2#

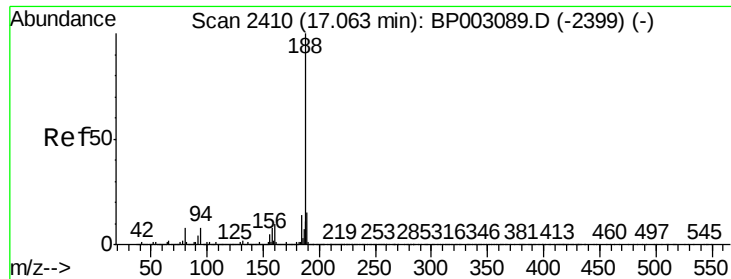


Abundance Ion 184.00 (183.70 to 184.70): E

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: BP003155.D

Acq: 28 Aug 2020 17:41

Instrument :

BNA_P

ClientSampleId :

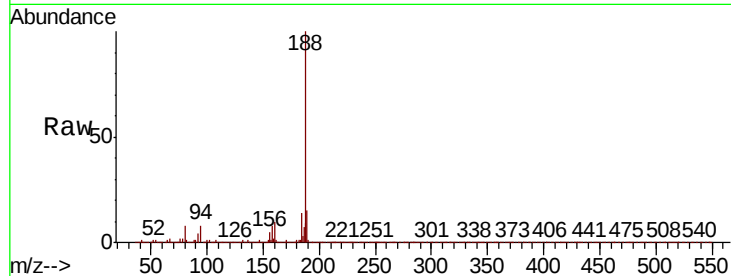
Tot Ion:188 Resp: 1149057

Ion Ratio Lower Upper

188 100

94 8.1 6.2 9.4

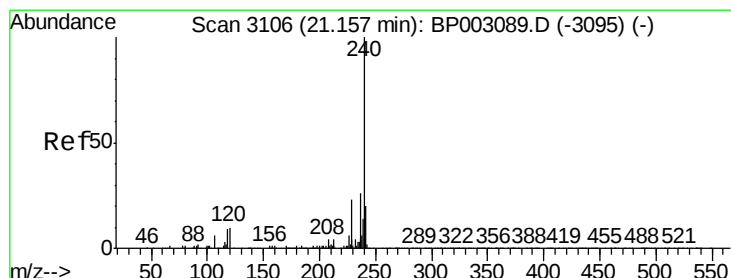
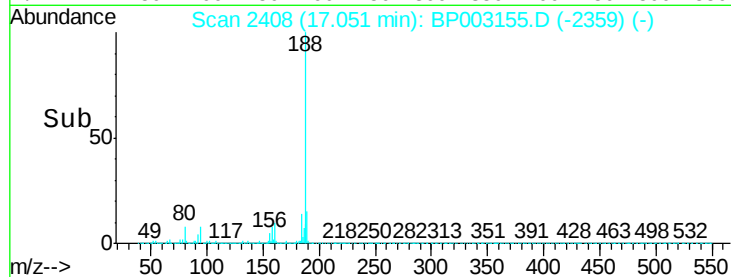
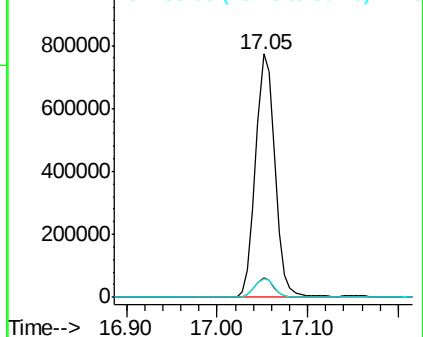
80 7.6 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BP003155.D

Acq: 28 Aug 2020 17:41

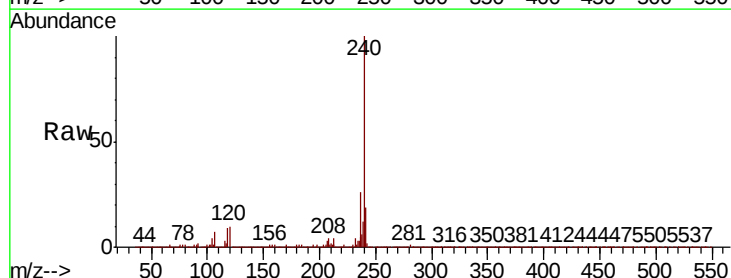
Tgt Ion:240 Resp: 1319006

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

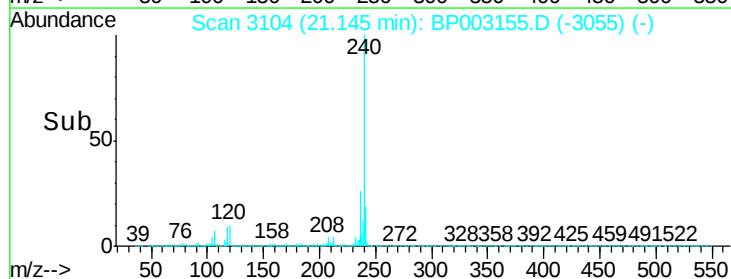
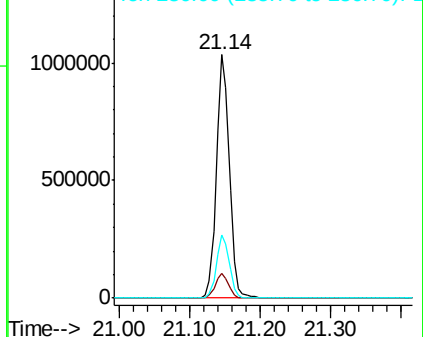
236 25.7 20.6 31.0

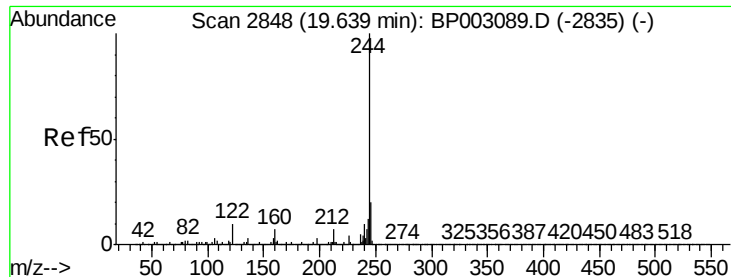


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.261 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BP003155.D

Acq: 28 Aug 2020 17:41

Instrument :

BNA_P

ClientSampled :

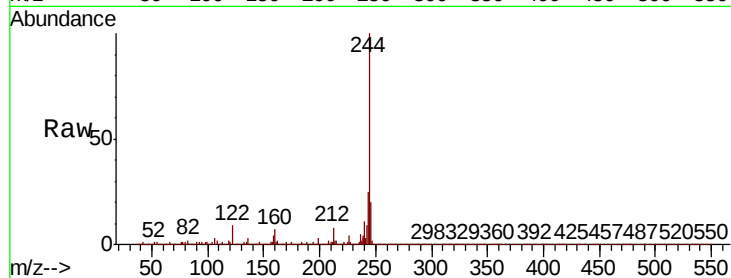
Tot Ion:244 Resp: 4811072

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

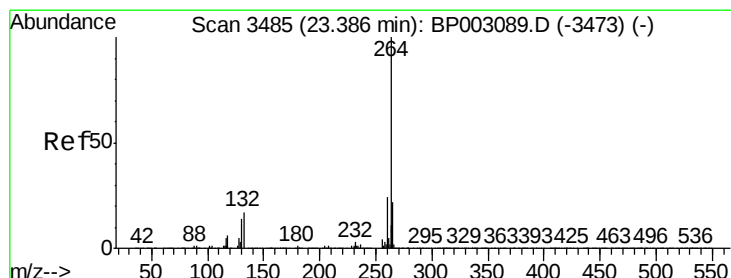
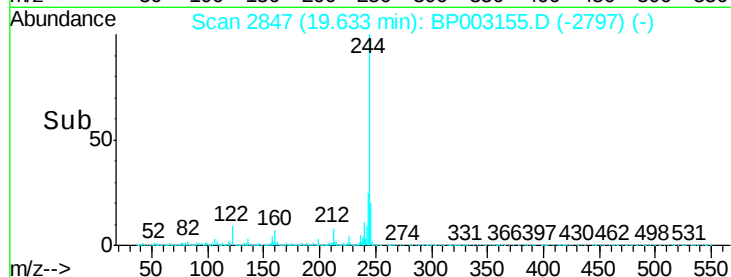
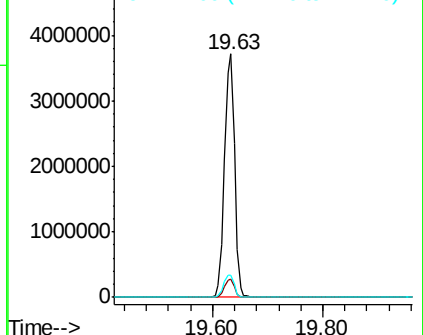
122 9.0 7.7 11.5



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: BP003155.D

Acq: 28 Aug 2020 17:41

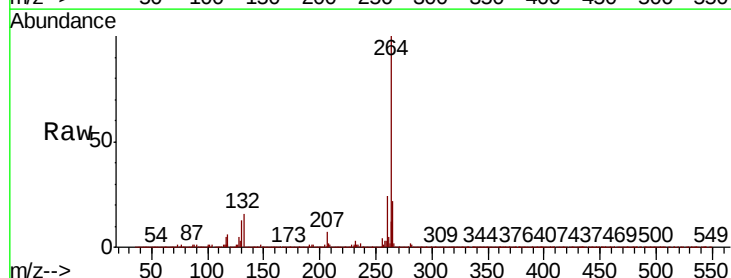
Tgt Ion:264 Resp: 1451233

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.6 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

