

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082620\
 Data File : BP003127.D
 Acq On : 26 Aug 2020 22:34
 Operator : CG/JU
 Sample : L3780-23
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JC-03-082120-C

Quant Time: Aug 27 00:30:04 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

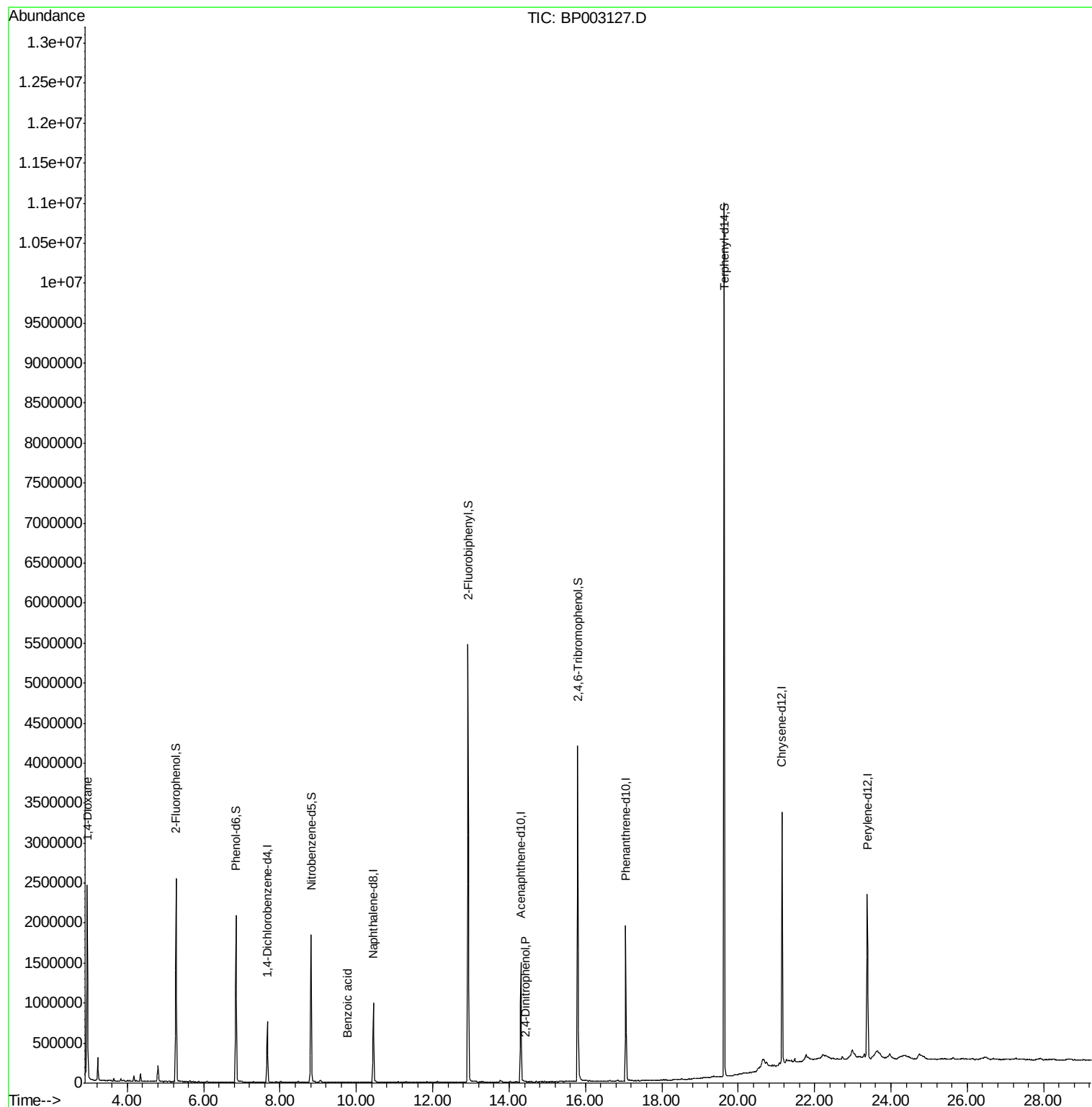
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	228281	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	913544	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	558631	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1243340	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	1484441	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1498412	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1349303	104.50	ng	0.00
7) Phenol-d6	6.85	99	1435378	88.68	ng	0.00
23) Nitrobenzene-d5	8.81	82	1103294	87.06	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	968858	128.23	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3083713	80.84	ng	0.00
79) Terphenyl-d14	19.63	244	4884218	72.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.95	88	25128	5.091	ng	# 1
32) Benzoic acid	9.76	122	50	9.002	ng	# 1
54) 2,4-Dinitrophenol	14.42	184	29	7.760	ng	# 1

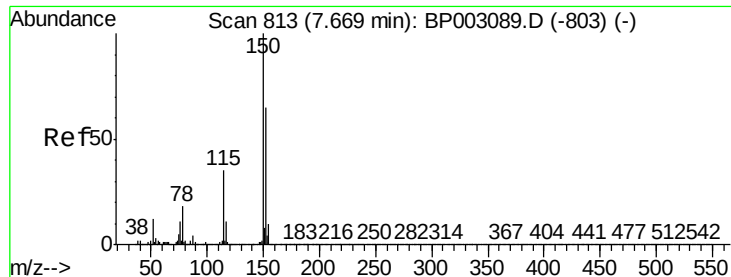
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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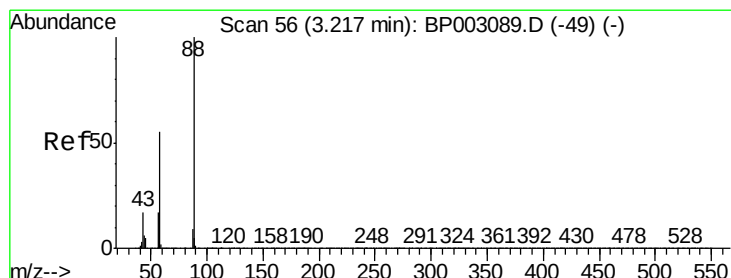
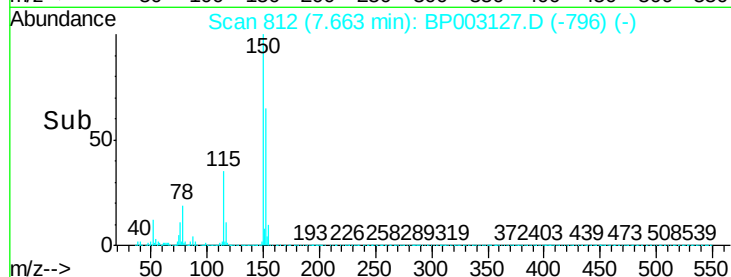
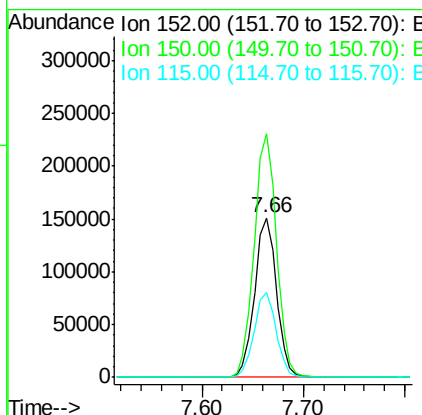
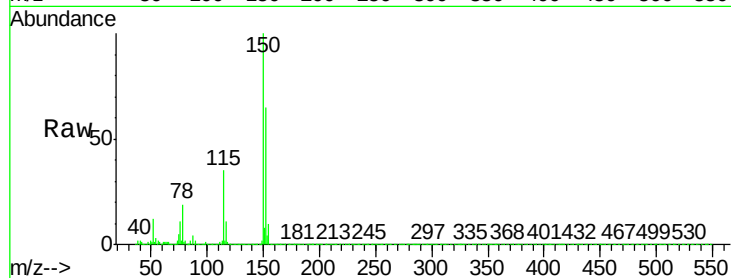


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003127.D
Acq: 26 Aug 2020 22:34

Instrument :
BNA_P
ClientSampleId :
JC-03-082120-C

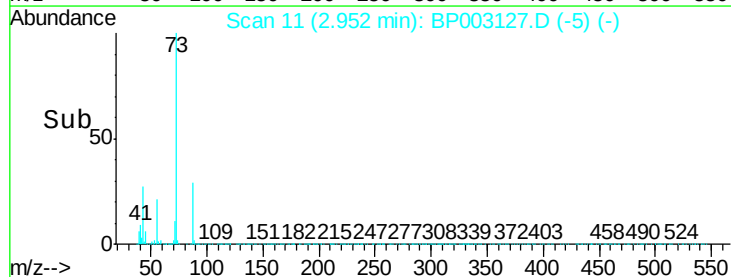
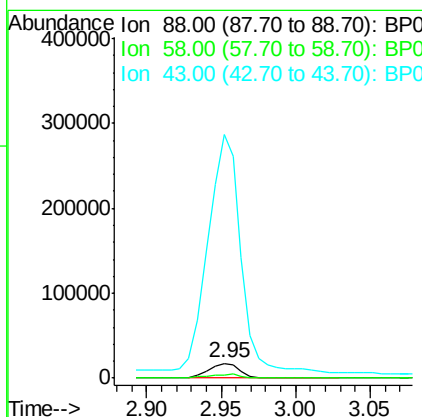
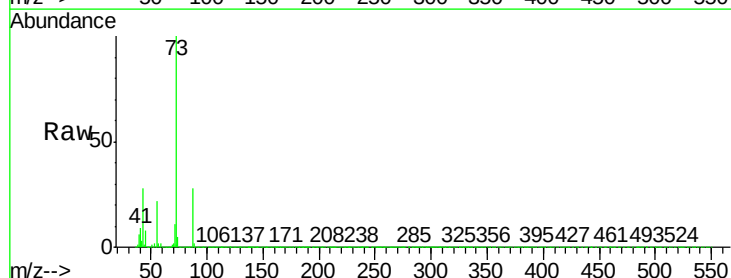
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.1	184.7
115	53.7	42.8	64.2

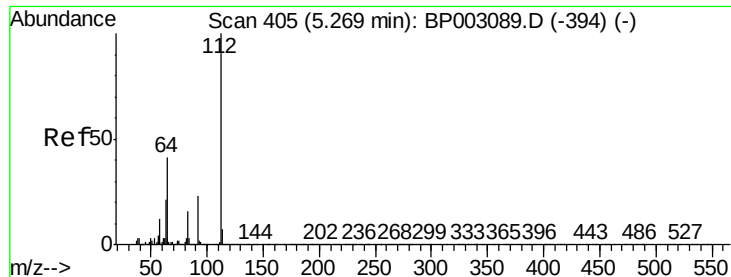


#2

1,4-Dioxane
Concen: 5.091 ng
RT: 2.95 min Scan# 11
Delta R.T. -0.26 min
Lab File: BP003127.D
Acq: 26 Aug 2020 22:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	22.4	44.3	66.5#
43	1713.3	14.3	21.5#





#5

2-Fluorophenol

Concen: 104.503 ng

RT: 5.28 min Scan# 406

Delta R.T. 0.01 min

Lab File: BP003127.D

Acq: 26 Aug 2020 22:34

Instrument :

BNA_P

ClientSampleId :

JC-03-082120-C

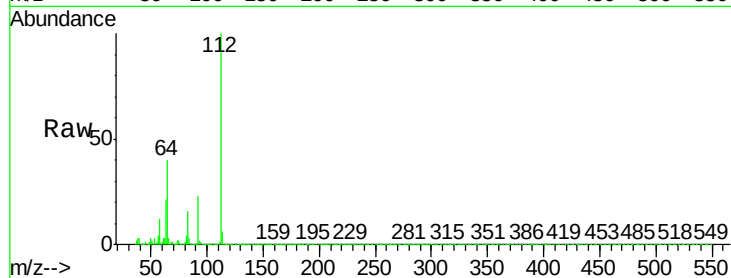
Tot Ion:112 Resp: 1349303

Ion Ratio Lower Upper

112 100

64 39.6 33.0 49.6

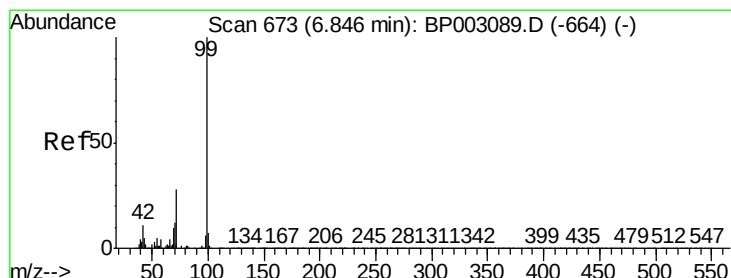
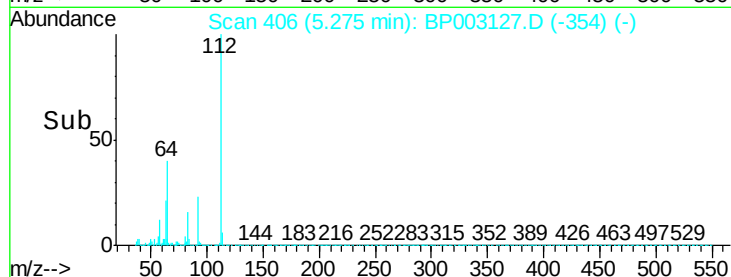
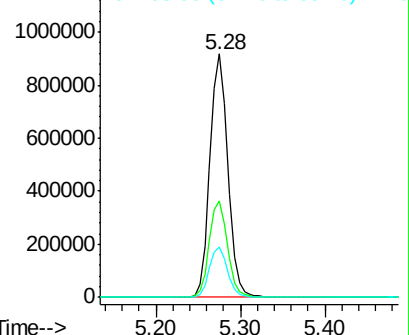
63 20.8 16.9 25.3



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: 88.682 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP003127.D

Acq: 26 Aug 2020 22:34

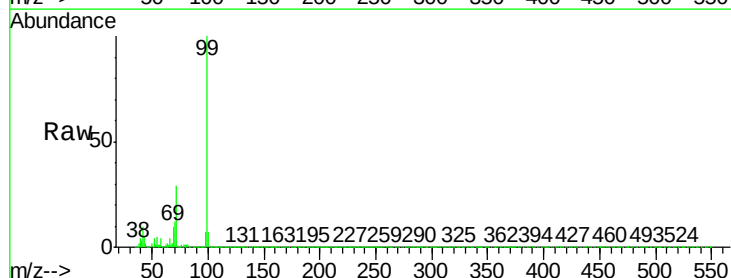
Tgt Ion: 99 Resp: 1435378

Ion Ratio Lower Upper

99 100

42 10.5 8.5 12.7

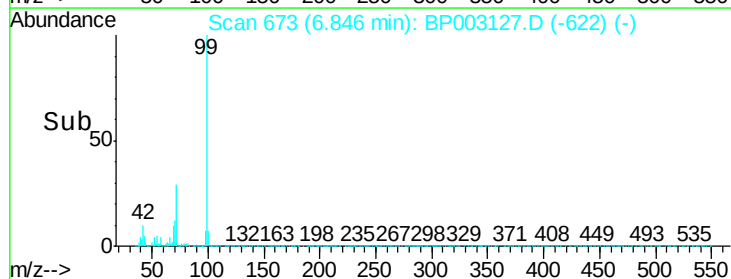
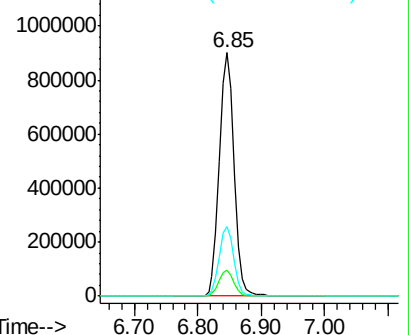
71 28.8 22.8 34.2

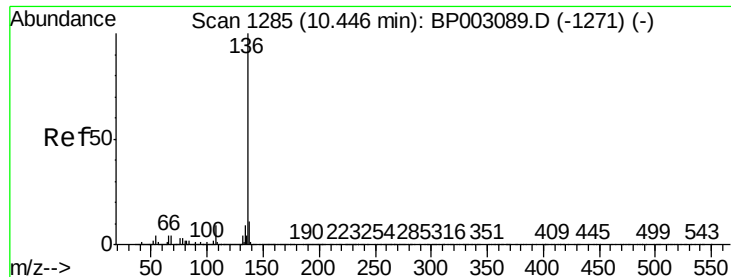


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

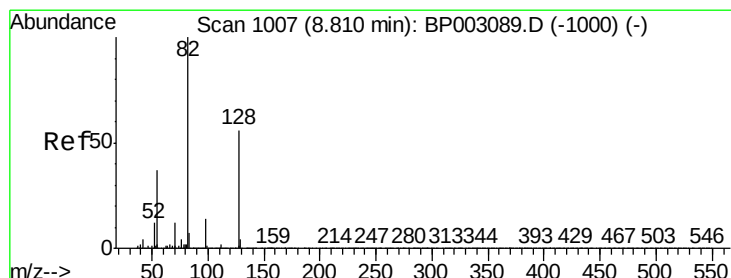
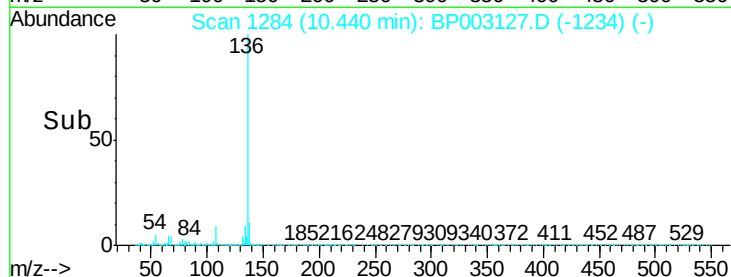
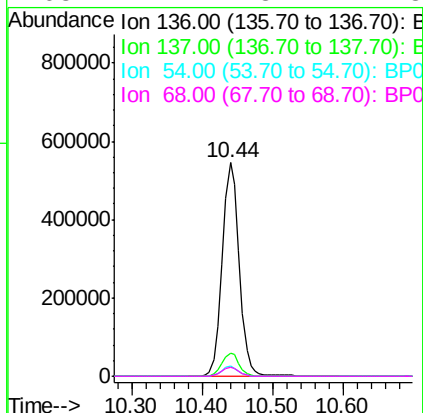
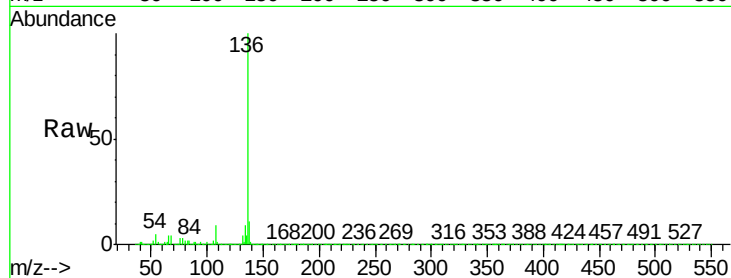




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BP003127.D
Acq: 26 Aug 2020 22:34

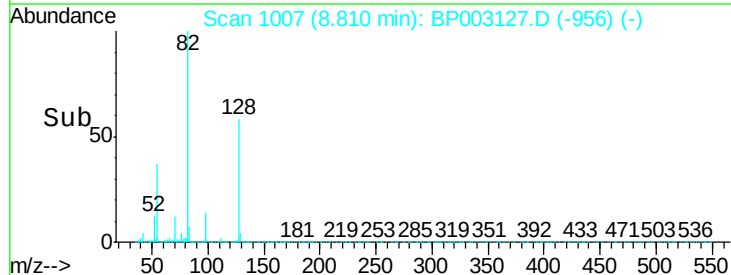
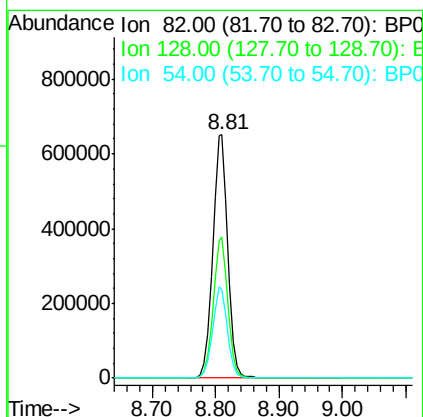
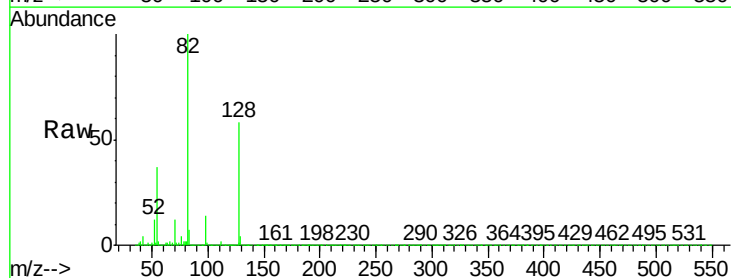
Instrument :
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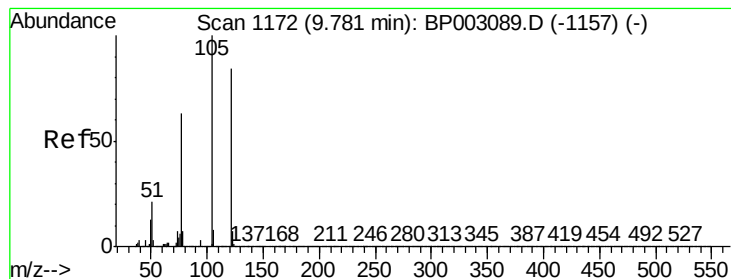
Tot Ion:136	Resp:	913544	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.8	13.2	
54 4.5	3.5	5.3	
68 4.2	3.2	4.8	



#23
Nitrobenzene-d5
Concen: 87.064 ng
RT: 8.81 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BP003127.D
Acq: 26 Aug 2020 22:34

Tgt Ion: 82	Resp: 1103294
Ion Ratio	Lower Upper
82 100	
128 58.2	44.9 67.3
54 36.6	29.4 44.2





#32

Benzoic acid

Concen: 9.002 ng

RT: 9.76 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BP003127.D

Acq: 26 Aug 2020 22:34

Instrument :

BNA_P

ClientSampleId :

JC-03-082120-C

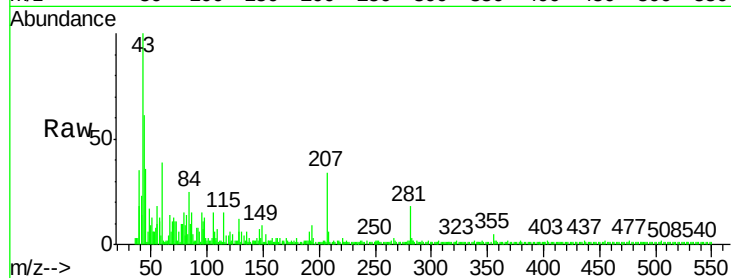
Tot Ion:122 Resp: 50

Ion Ratio Lower Upper

122 100

105 397.3 98.1 138.1#

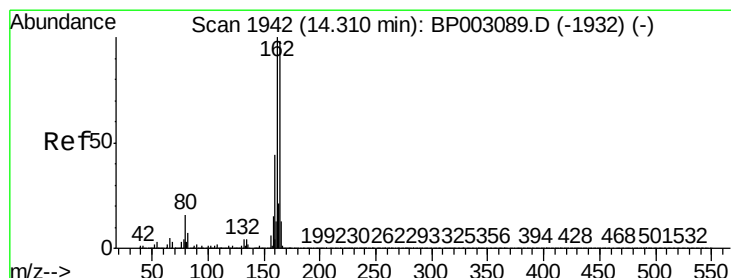
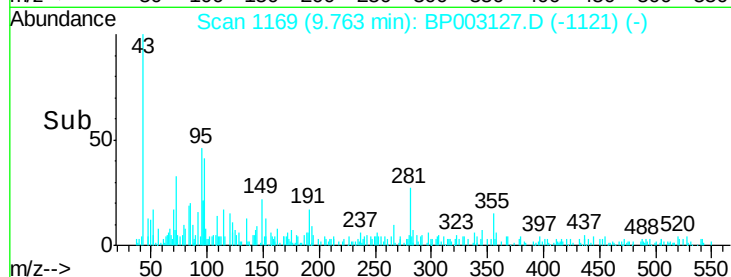
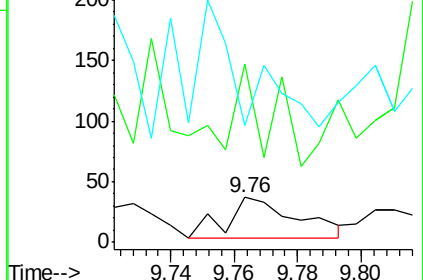
77 259.5 55.3 95.3#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BP003127.D

Acq: 26 Aug 2020 22:34

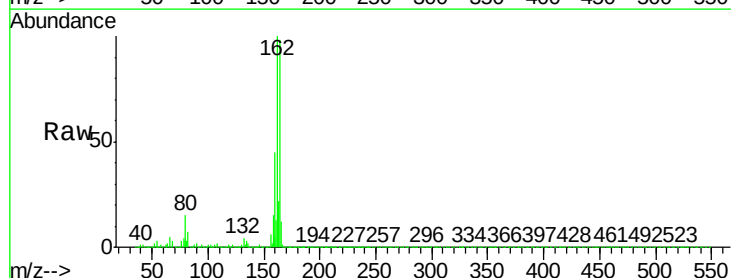
Tgt Ion:164 Resp: 558631

Ion Ratio Lower Upper

164 100

162 102.4 81.2 121.8

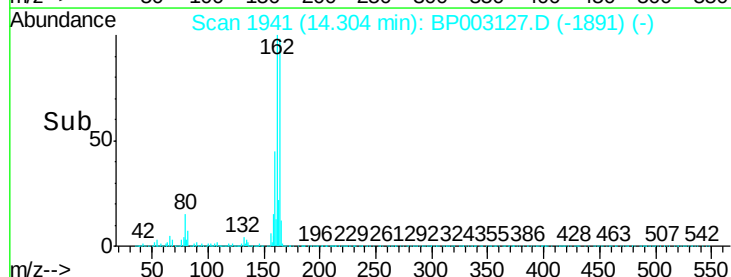
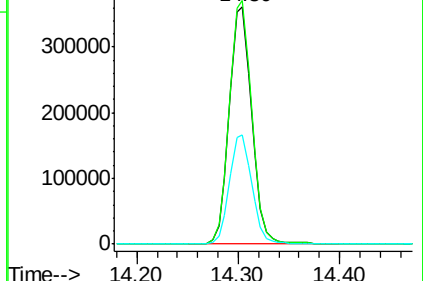
160 45.8 36.0 54.0

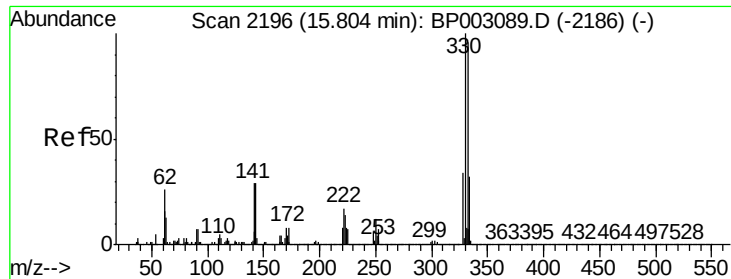


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

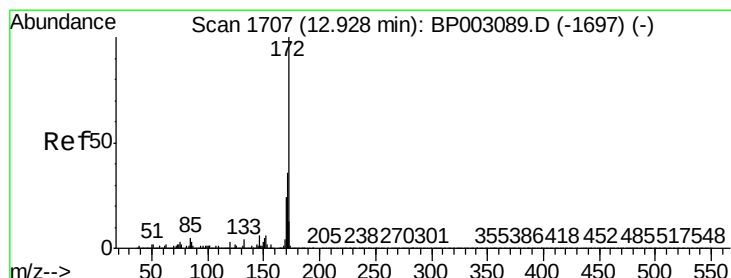
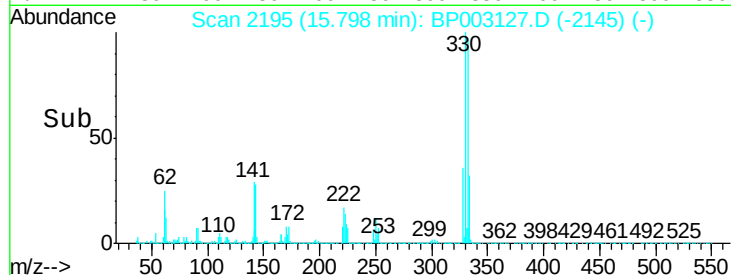
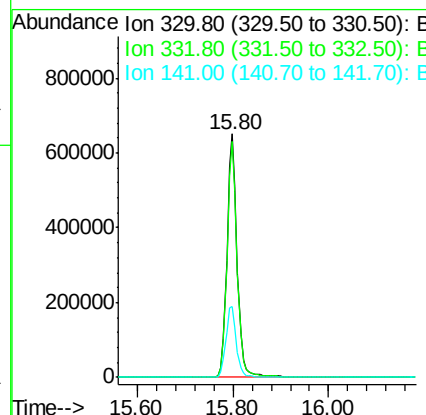
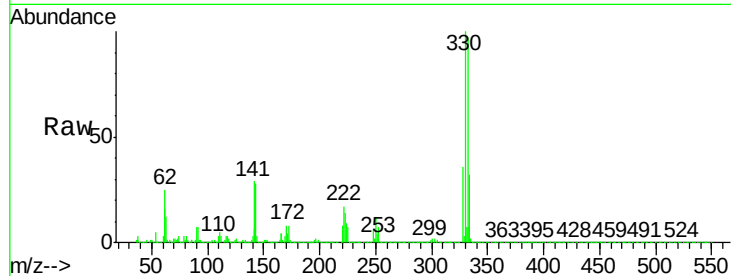




#42
 2,4,6-Tribromophenol
 Concen: 128.235 ng
 RT: 15.80 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BP003127.D
 Acq: 26 Aug 2020 22:34

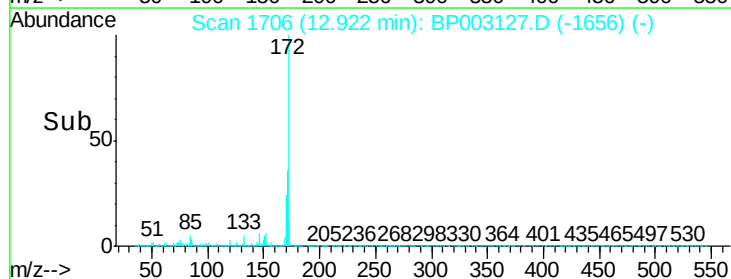
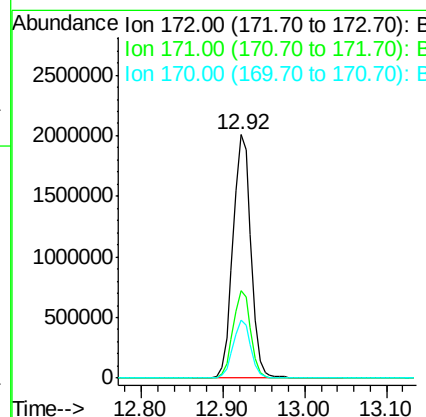
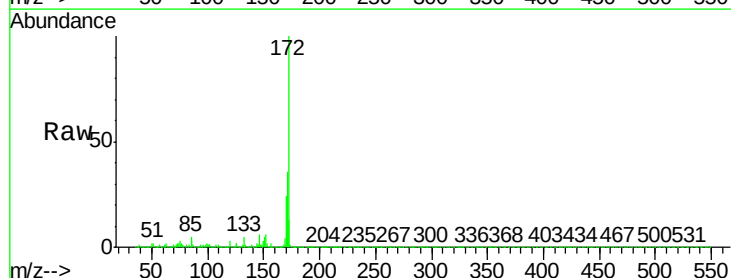
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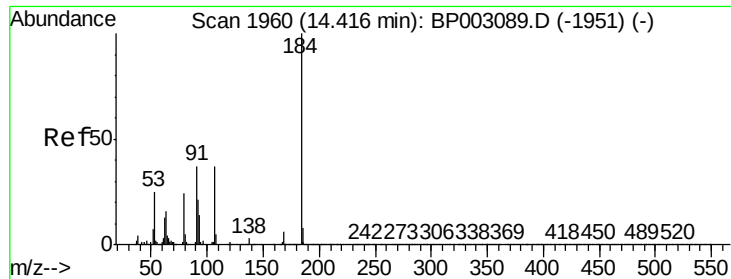
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	30.2	24.4	36.6



#45
 2-Fluorobiphenyl
 Concen: 80.840 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BP003127.D
 Acq: 26 Aug 2020 22:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	23.9	19.0	28.4

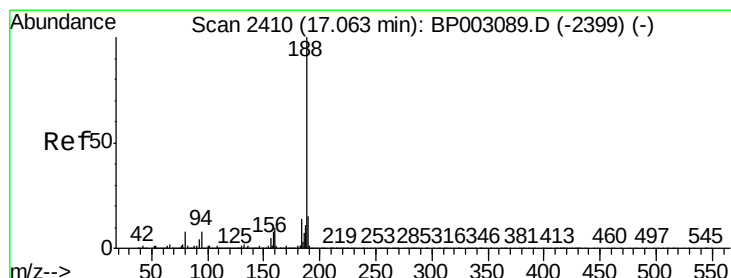
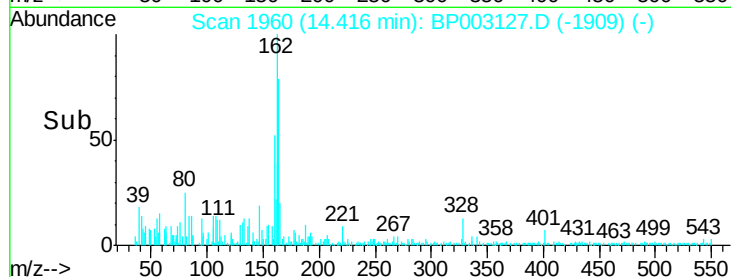
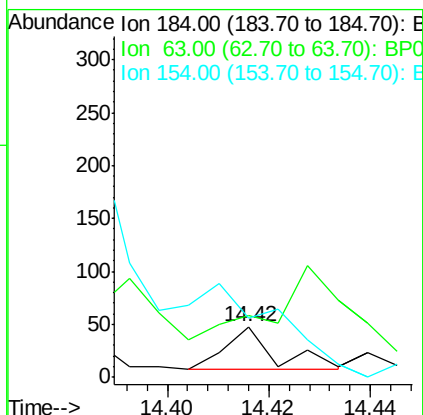
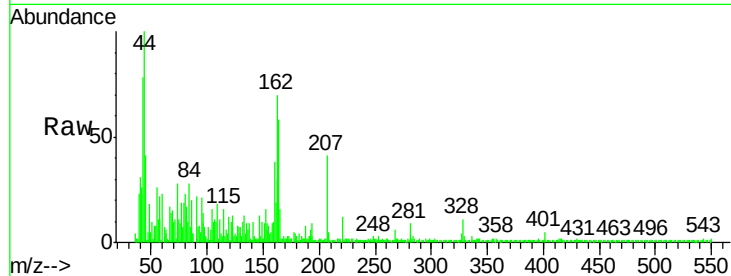




#54
2,4-Dinitrophenol
Concen: 7.760 ng
RT: 14.42 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BP003127.D
Acq: 26 Aug 2020 22:34

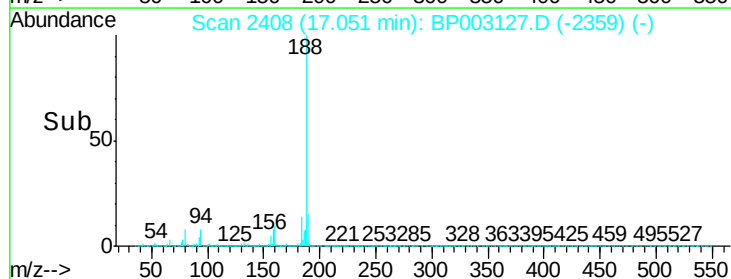
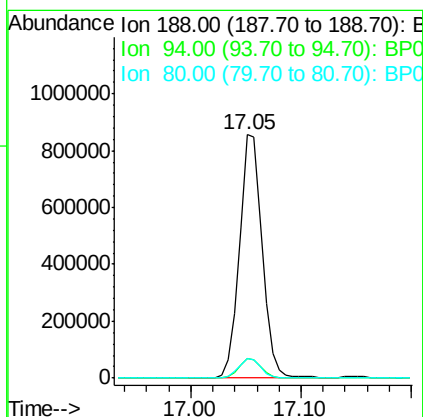
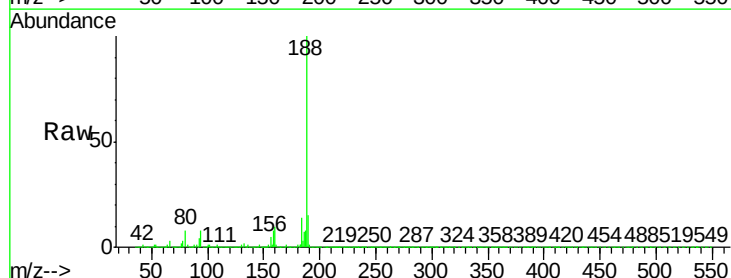
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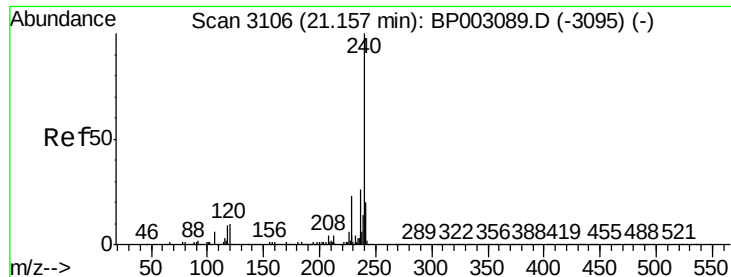
Tot Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 208.3 32.0 48.0#
154 116.7 48.2 72.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BP003127.D
Acq: 26 Aug 2020 22:34

Tgt Ion:188 Resp: 1243340
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.4
80 7.9 6.4 9.6

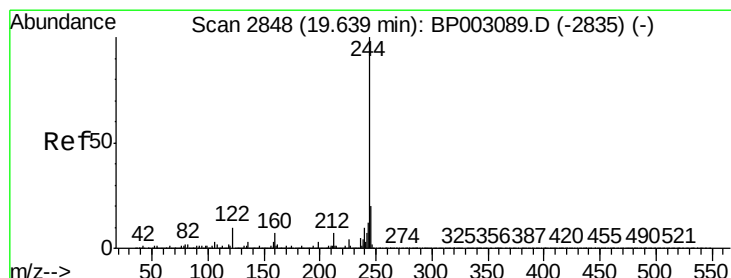
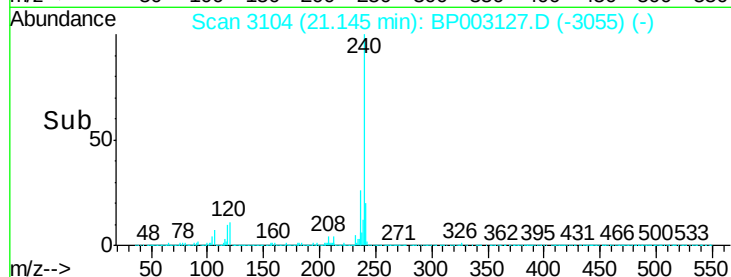
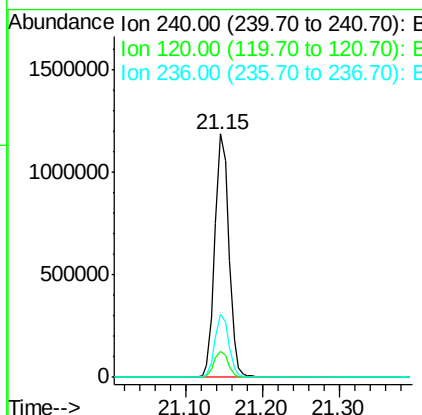
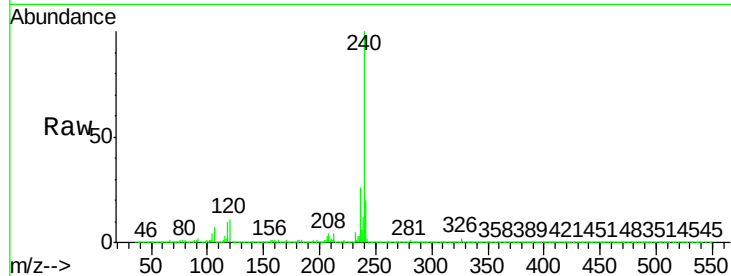




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.15 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BP003127.D
 Acq: 26 Aug 2020 22:34

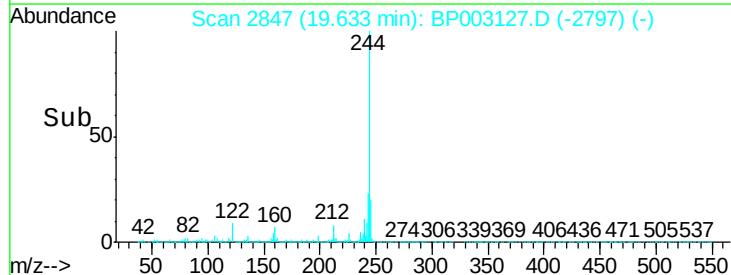
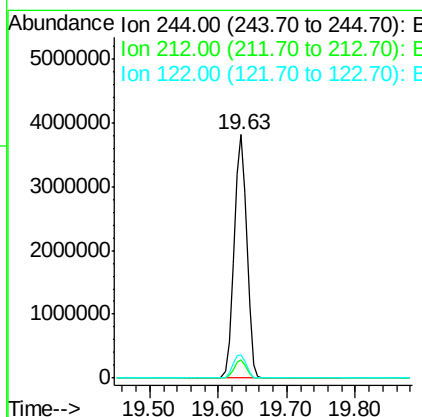
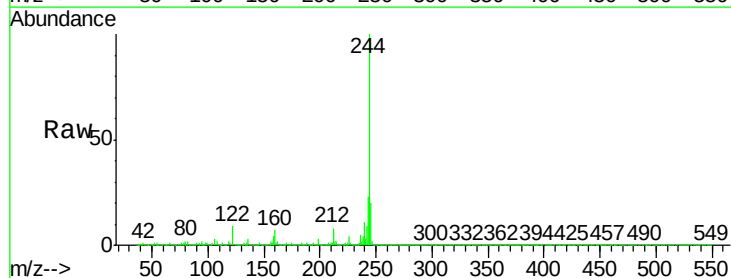
Instrument :
 BNA_P
 ClientSampleId :
 JC-03-082120-C

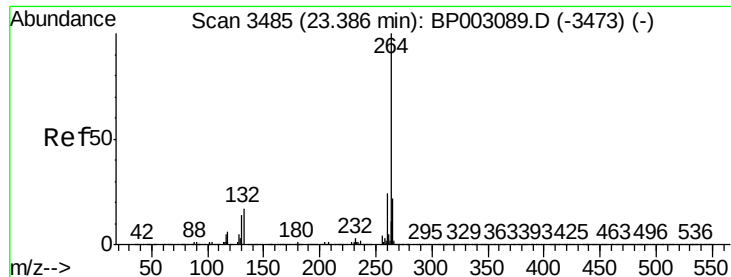
Tot Ion:240 Resp: 1484441
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.4 12.6
 236 26.0 20.6 31.0



#79
 Terphenyl-d14
 Concen: 72.400 ng
 RT: 19.63 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BP003127.D
 Acq: 26 Aug 2020 22:34

Tgt Ion:244 Resp: 4884218
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 9.5 7.7 11.5



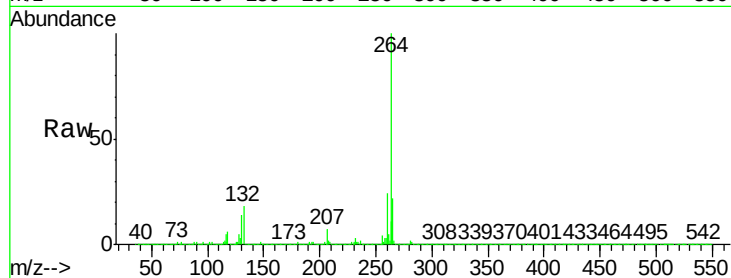


#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.38 min Scan# 3484
 Delta R.T. -0.01 min
 Lab File: BP003127.D
 Acq: 26 Aug 2020 22:34

Instrument :
 BNA_P
 ClientSampleId :
 JC-03-082120-C

Tot Ion: 264 Resp: 1498412

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.9	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

