

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082620\
 Data File : BP003126.D
 Acq On : 26 Aug 2020 22:00
 Operator : CG/JU
 Sample : L3780-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 27 00:29:40 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

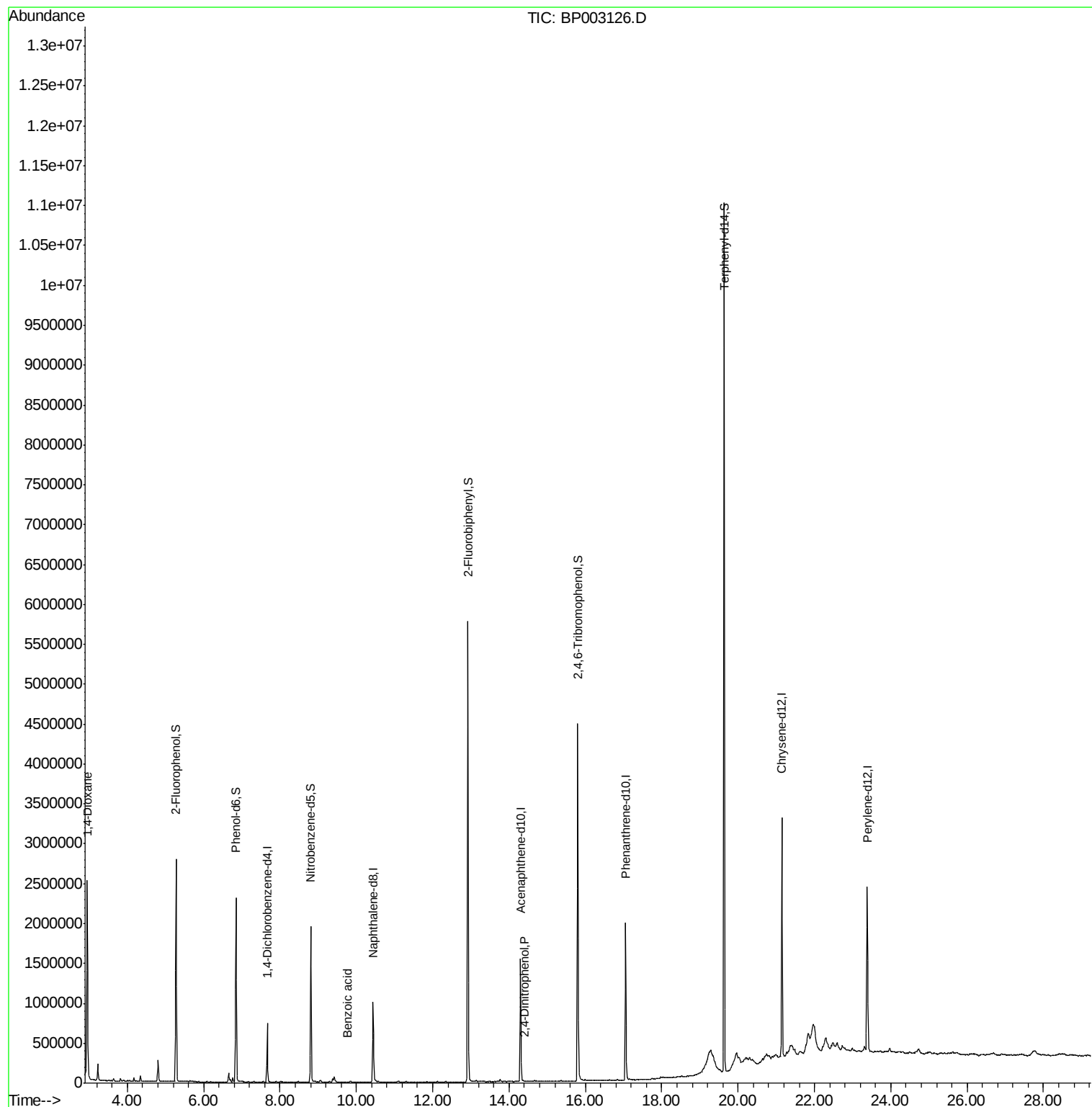
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	229125	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	918274	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	562277	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1240970	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1484428	20.00	ng	0.00
86) Perylene-d12	23.39	264	1512558	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1447732	111.71	ng	0.00
7) Phenol-d6	6.85	99	1585269	97.58	ng	0.00
23) Nitrobenzene-d5	8.81	82	1147284	90.07	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1011422	133.00	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3197389	83.28	ng	0.00
79) Terphenyl-d14	19.63	244	4894975	72.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.95	88	27755	5.602	ng	# 1
32) Benzoic acid	9.76	122	15	8.998	ng	# 1
54) 2,4-Dinitrophenol	14.42	184	29	7.760	ng	# 1

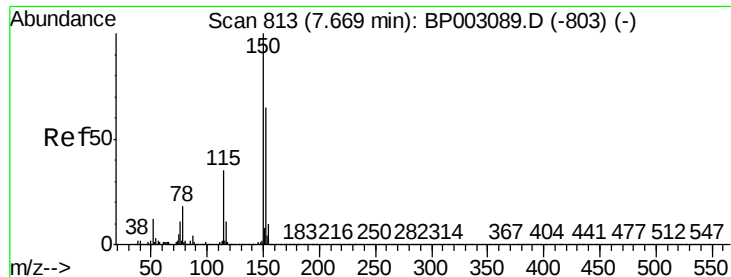
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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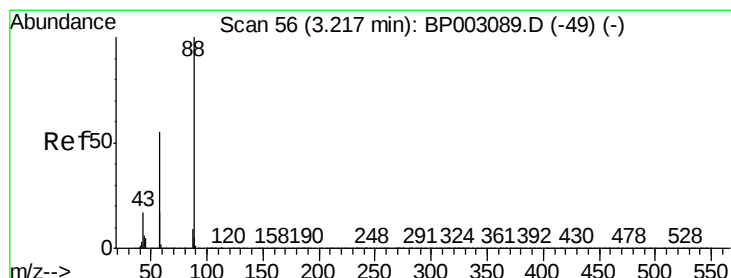
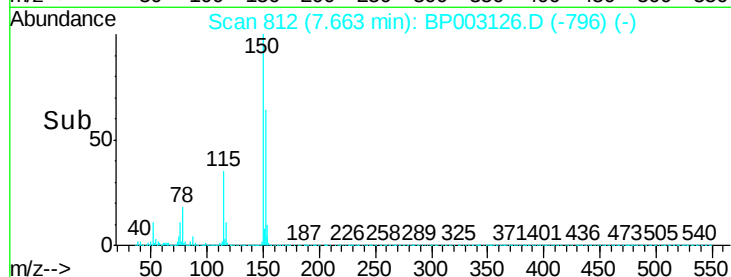
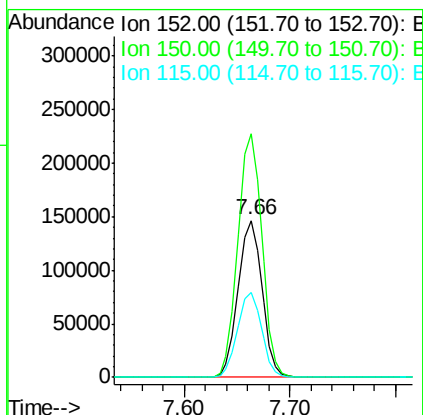
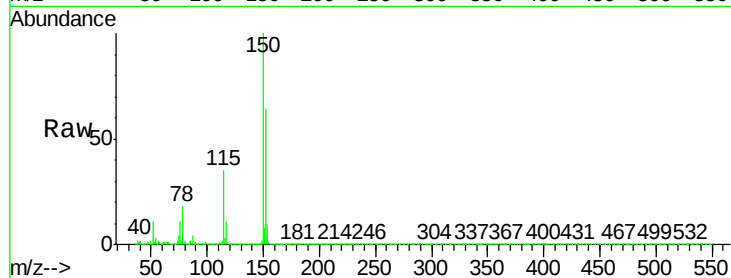


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003126.D
Acq: 26 Aug 2020 22:00

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

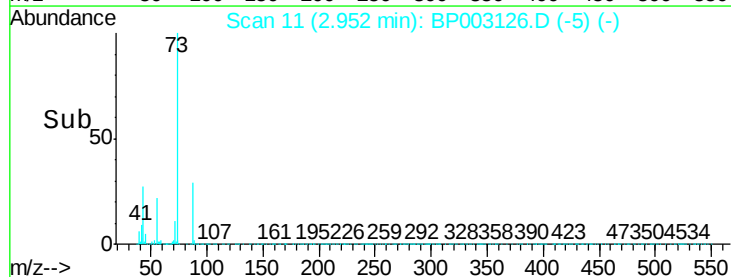
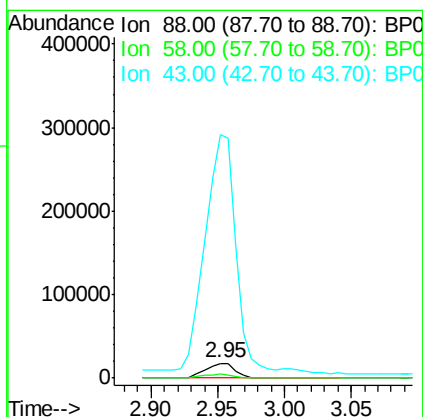
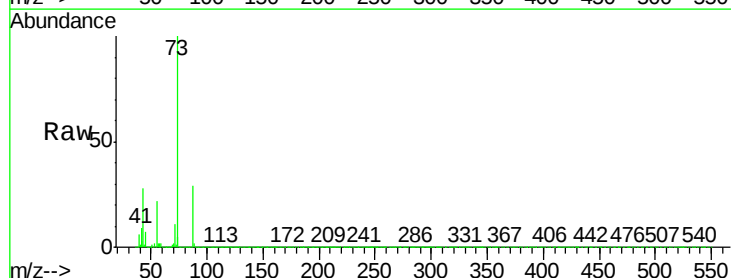
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.1	184.7
115	54.2	42.8	64.2

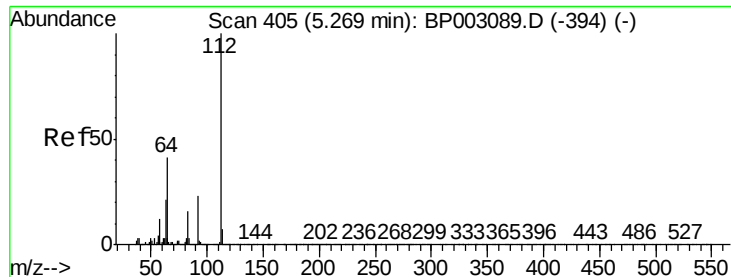


#2

1,4-Dioxane
Concen: 5.602 ng
RT: 2.95 min Scan# 11
Delta R.T. -0.26 min
Lab File: BP003126.D
Acq: 26 Aug 2020 22:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	22.5	44.3	66.5#
43	1665.5	14.3	21.5#





#5

2-Fluorophenol

Concen: 111.713 ng

RT: 5.28 min Scan# 406

Delta R.T. 0.01 min

Lab File: BP003126.D

Acq: 26 Aug 2020 22:00

Instrument :

BNA_P

ClientSampleId :

JC-03-082120-B

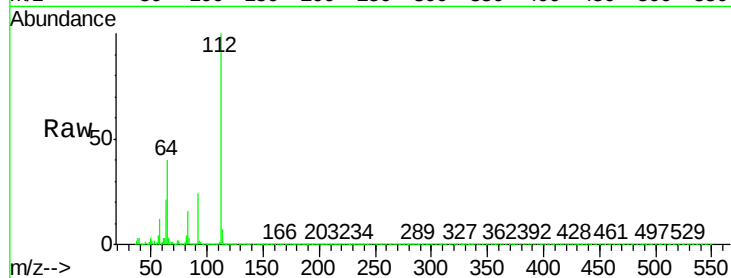
Tot Ion:112 Resp: 1447732

Ion Ratio Lower Upper

112 100

64 40.2 33.0 49.6

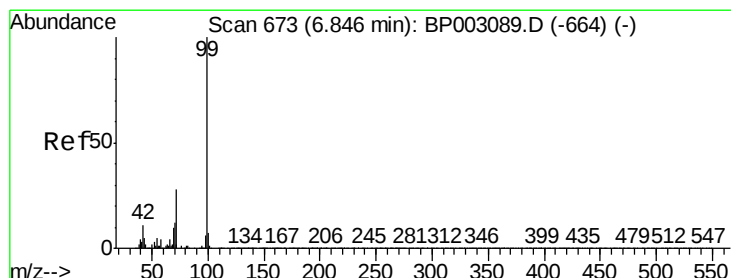
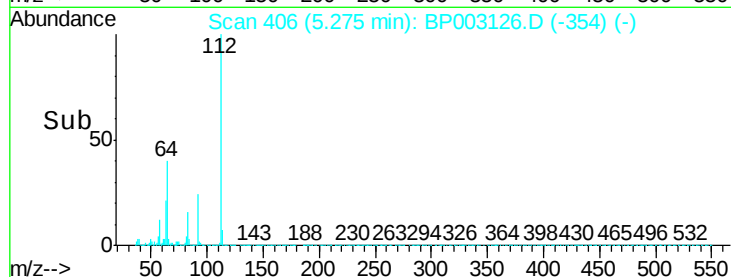
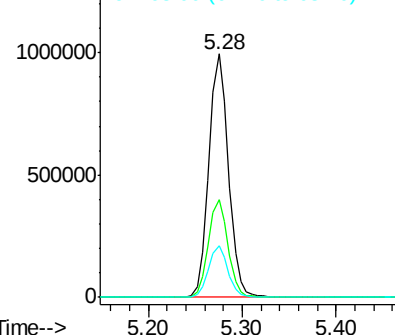
63 21.0 16.9 25.3



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: 97.582 ng

RT: 6.85 min Scan# 673

Delta R.T. -0.00 min

Lab File: BP003126.D

Acq: 26 Aug 2020 22:00

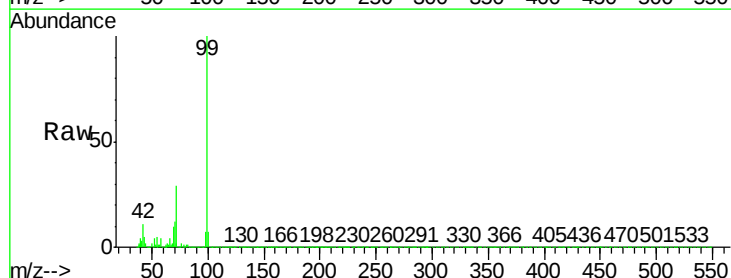
Tgt Ion: 99 Resp: 1585269

Ion Ratio Lower Upper

99 100

42 10.6 8.5 12.7

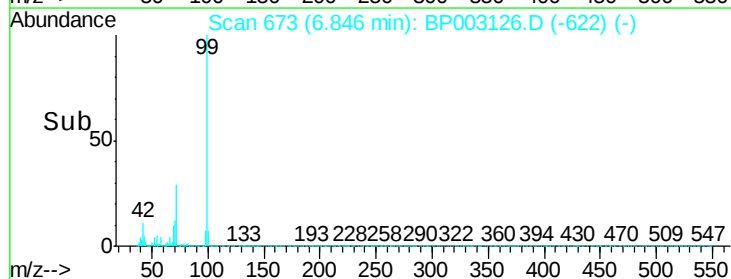
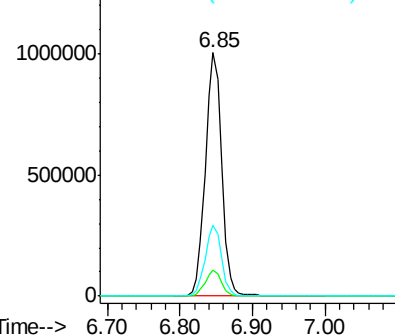
71 29.0 22.8 34.2

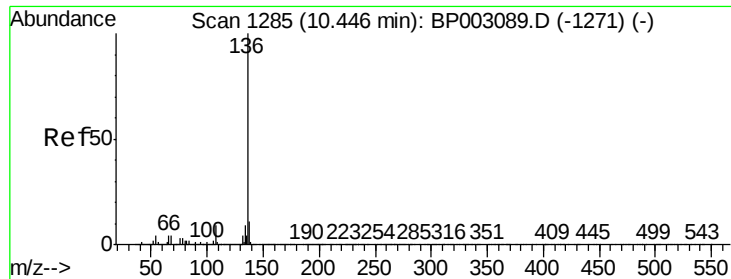


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

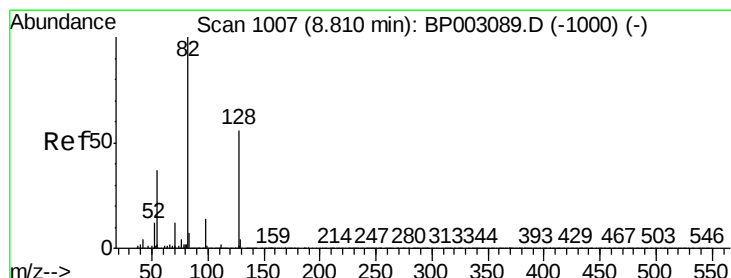
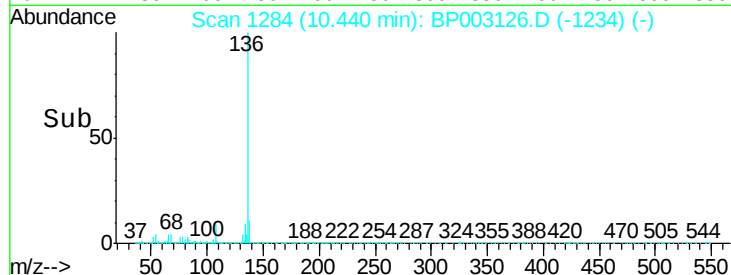
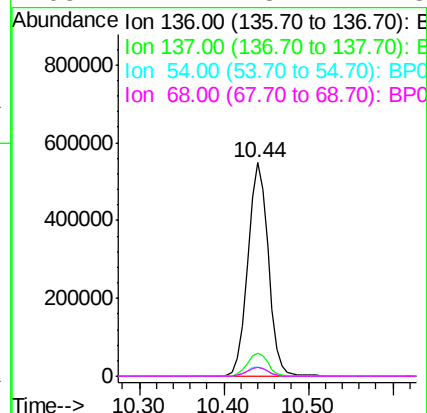
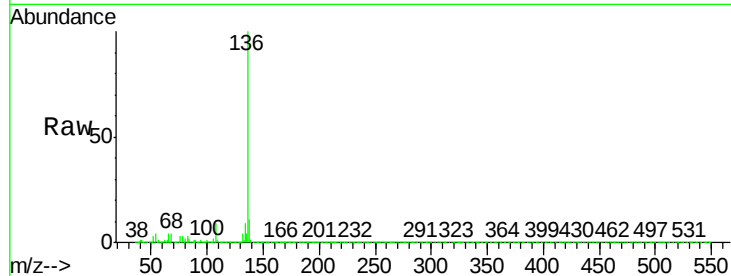




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BP003126.D
Acq: 26 Aug 2020 22:00

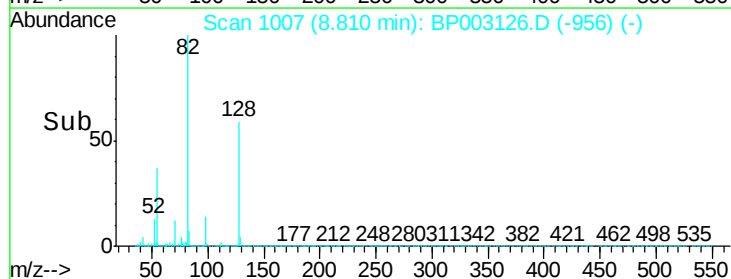
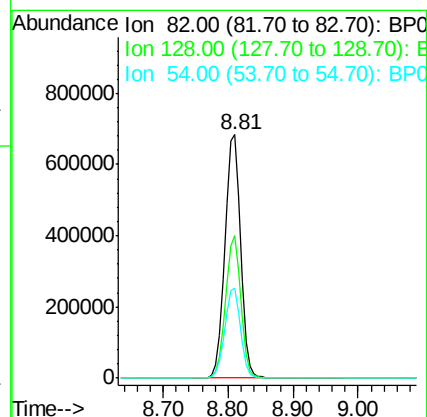
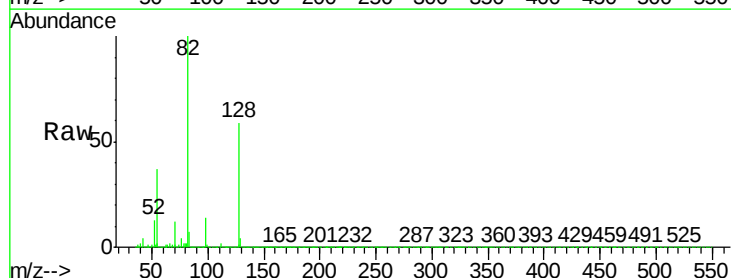
Instrument :
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JC-03-082120-B

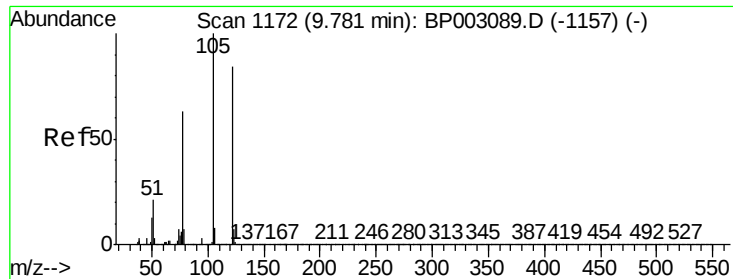
Tot Ion:136	Resp:	918274	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.8	13.2	
54 4.3	3.5	5.3	
68 4.1	3.2	4.8	



#23
Nitrobenzene-d5
Concen: 90.069 ng
RT: 8.81 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BP003126.D
Acq: 26 Aug 2020 22:00

Tgt Ion: 82	Resp: 1147284
Ion Ratio	Lower Upper
82 100	
128 58.6	44.9 67.3
54 37.1	29.4 44.2

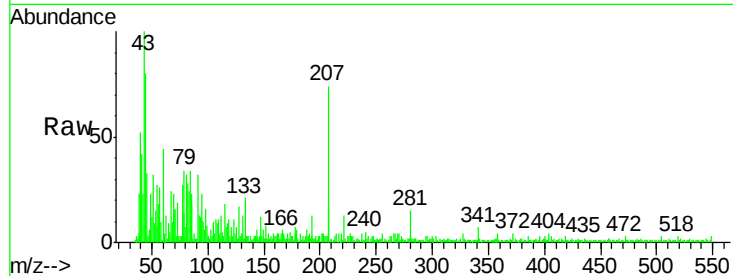




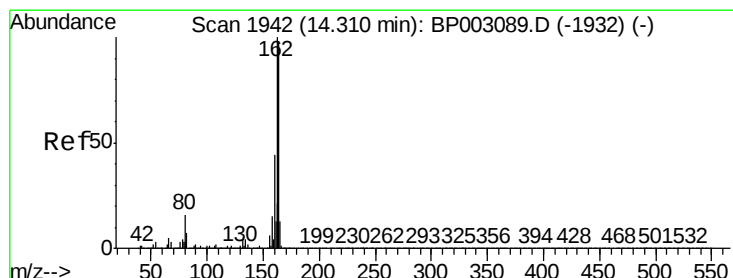
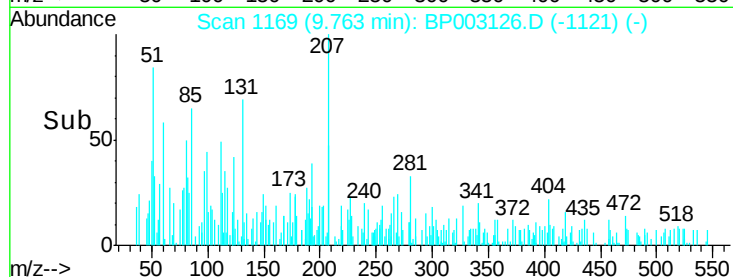
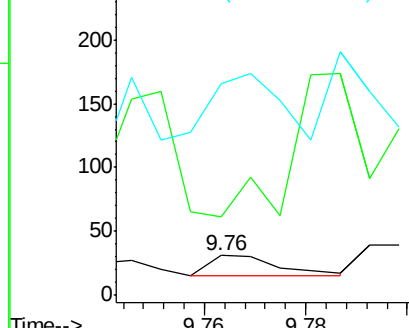
#32
Benzoic acid
Concen: 8.998 ng
RT: 9.76 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BP003126.D
Acq: 26 Aug 2020 22:00

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

Tot Ion	Ratio	Lower	Upper
122	100		
105	196.8	98.1	138.1#
77	535.5	55.3	95.3#

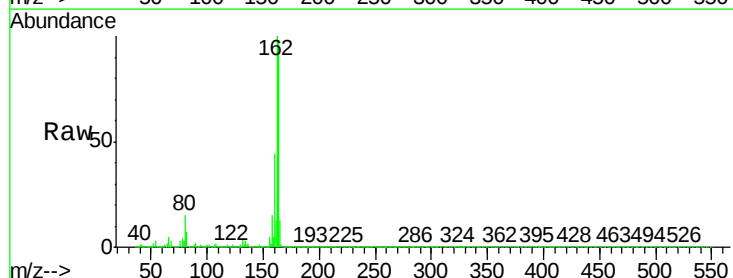


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BP0

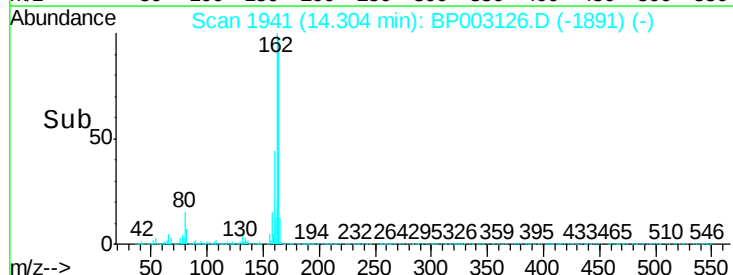
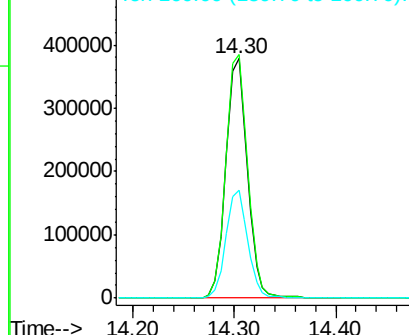


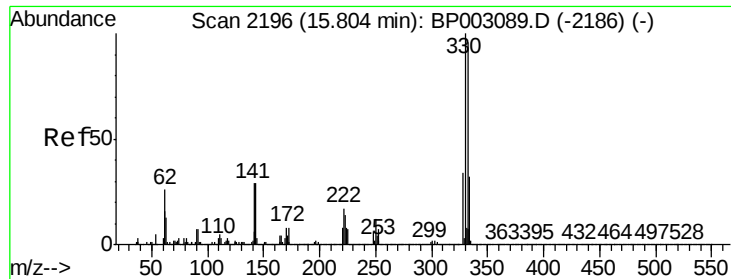
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BP003126.D
Acq: 26 Aug 2020 22:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.2	121.8
160	45.2	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

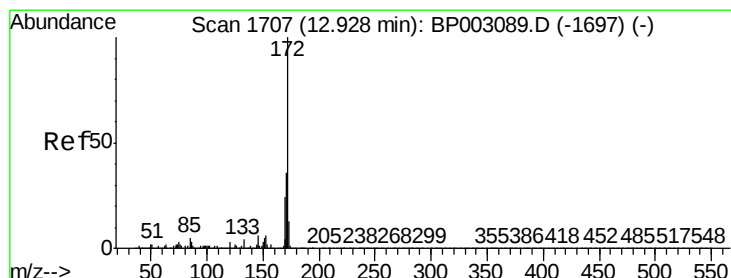
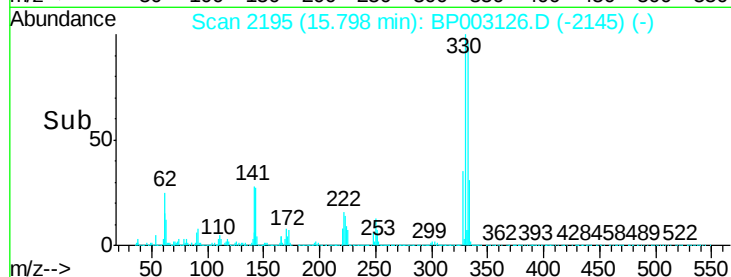
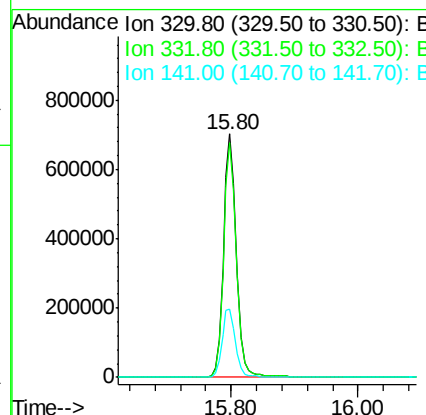
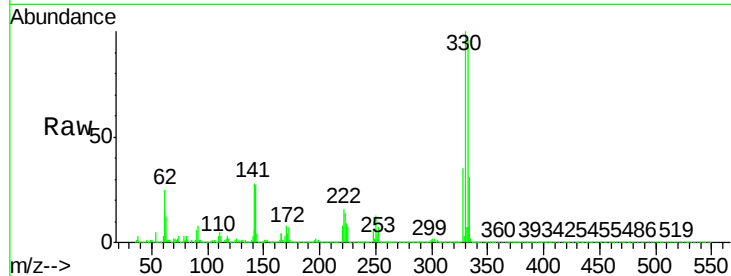




#42
2,4,6-Tribromophenol
Concen: 133.000 ng
RT: 15.80 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BP003126.D
Acq: 26 Aug 2020 22:00

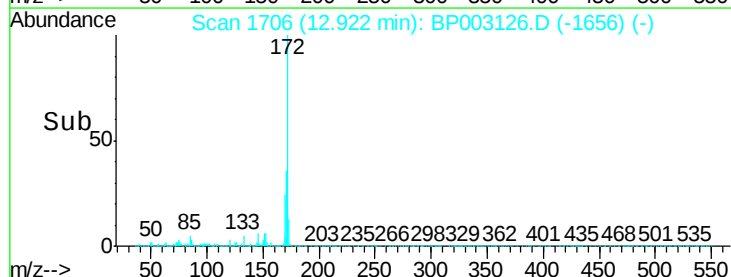
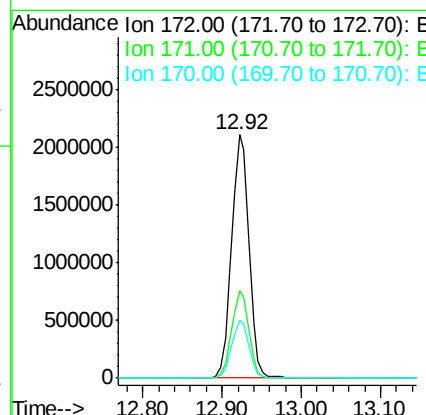
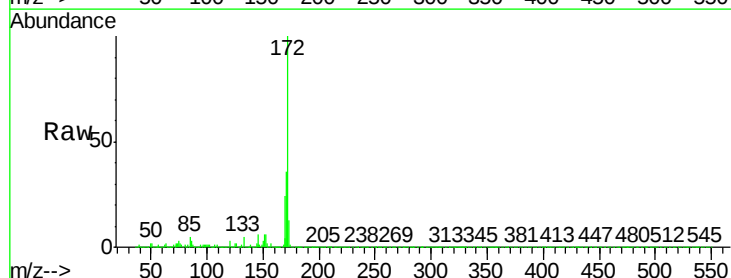
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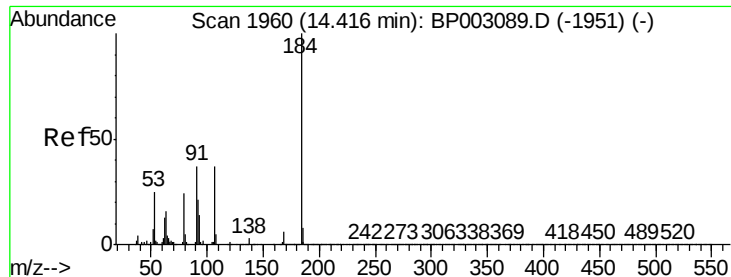
Tot Ion:330 Resp: 1011422
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 29.7 24.4 36.6



#45
2-Fluorobiphenyl
Concen: 83.276 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003126.D
Acq: 26 Aug 2020 22:00

Tgt Ion:172 Resp: 3197389
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.9 19.0 28.4

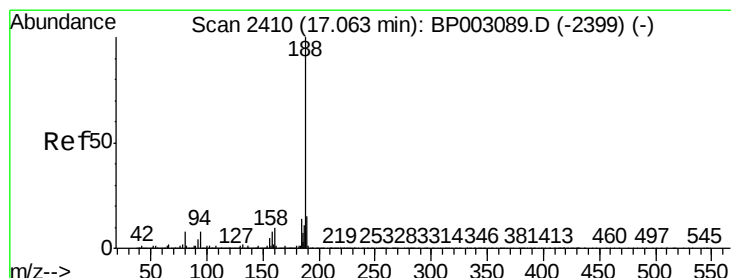
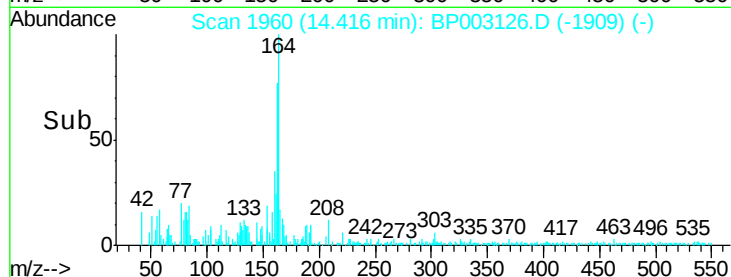
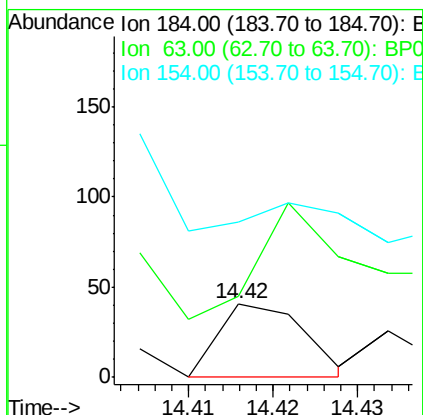
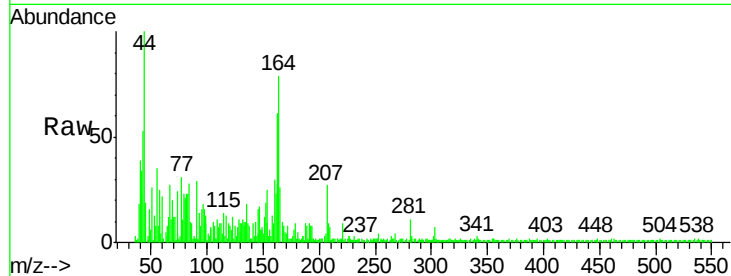




#54
 2,4-Dinitrophenol
 Concen: 7.760 ng
 RT: 14.42 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BP003126.D
 Acq: 26 Aug 2020 22:00

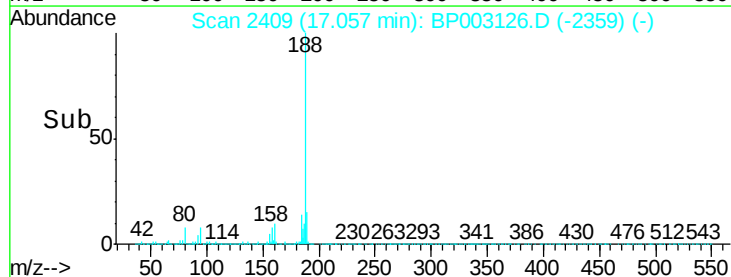
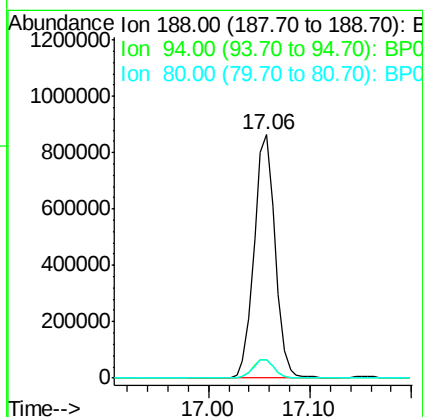
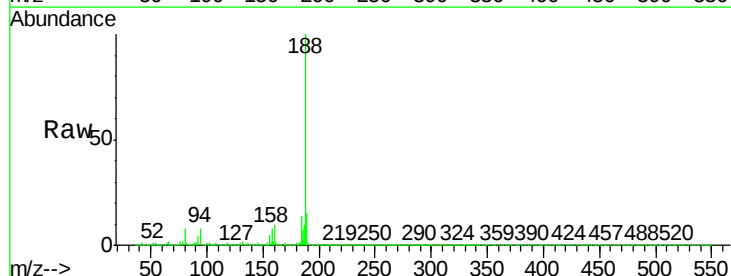
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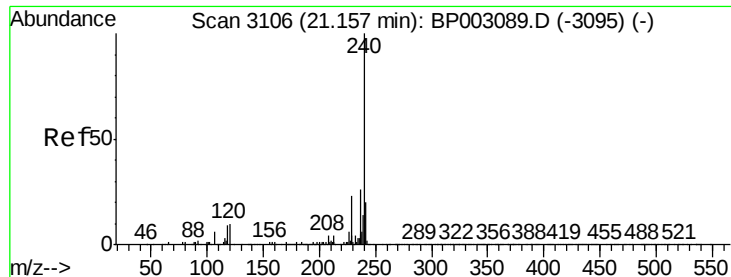
Tot Ion:184 Resp: 29
 Ion Ratio Lower Upper
 184 100
 63 109.8 32.0 48.0#
 154 209.8 48.2 72.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.06 min Scan# 2409
 Delta R.T. -0.01 min
 Lab File: BP003126.D
 Acq: 26 Aug 2020 22:00

Tgt Ion:188 Resp: 1240970
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.2 9.4
 80 7.6 6.4 9.6

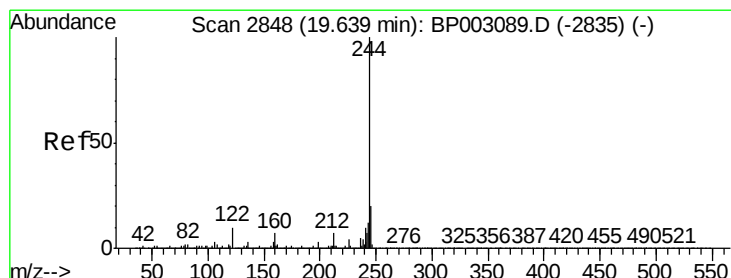
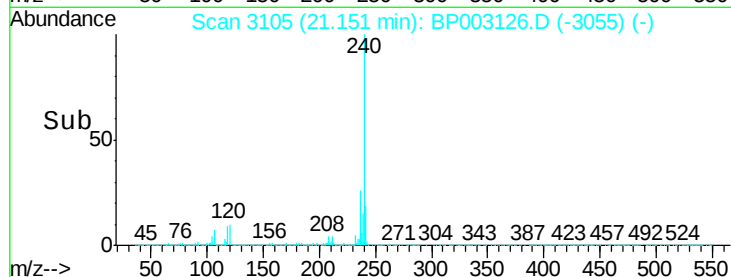
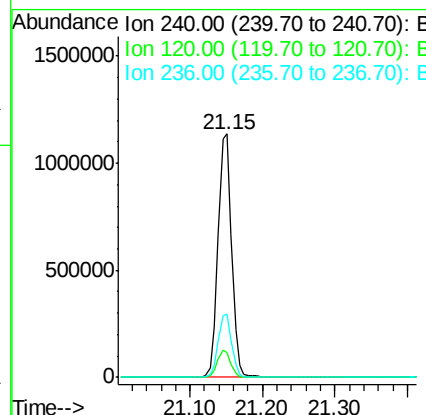
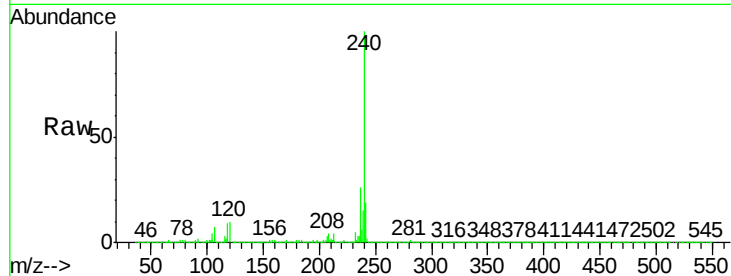




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BP003126.D
Acq: 26 Aug 2020 22:00

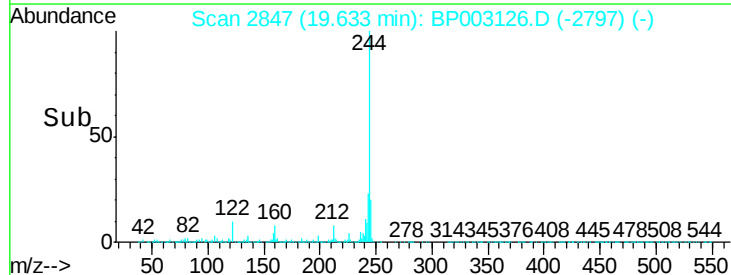
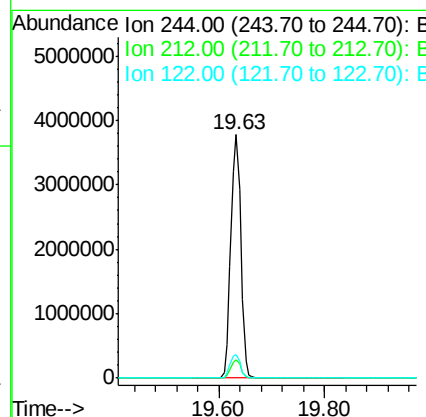
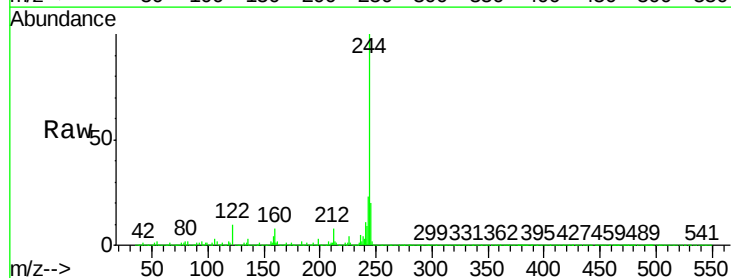
Instrument :
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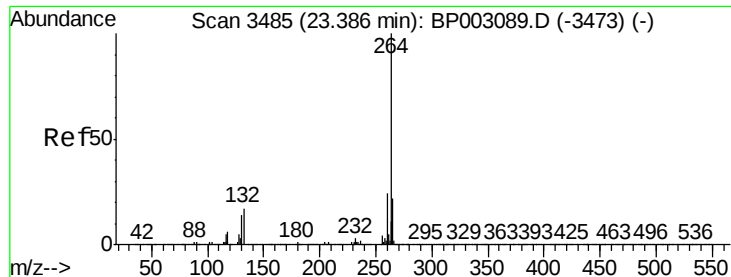
Tot Ion:240 Resp: 1484428
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 25.9 20.6 31.0



#79
Terphenyl-d14
Concen: 72.560 ng
RT: 19.63 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BP003126.D
Acq: 26 Aug 2020 22:00

Tgt Ion:244 Resp: 4894975
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.8
122 9.8 7.7 11.5



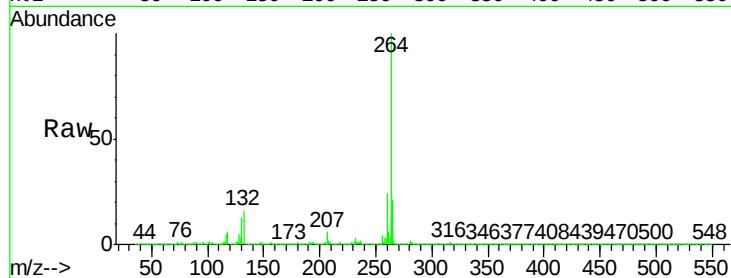


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3485
Delta R.T. -0.00 min
Lab File: BP003126.D
Acq: 26 Aug 2020 22:00

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

Tot Ion:264 Resp: 1512558

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.5	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

