

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062220\
 Data File : BP002490.D
 Acq On : 22 Jun 2020 20:56
 Operator : CG/JU
 Sample : L3079-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JFK-SB-BC-1.0-5.0

Quant Time: Jun 23 00:56:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

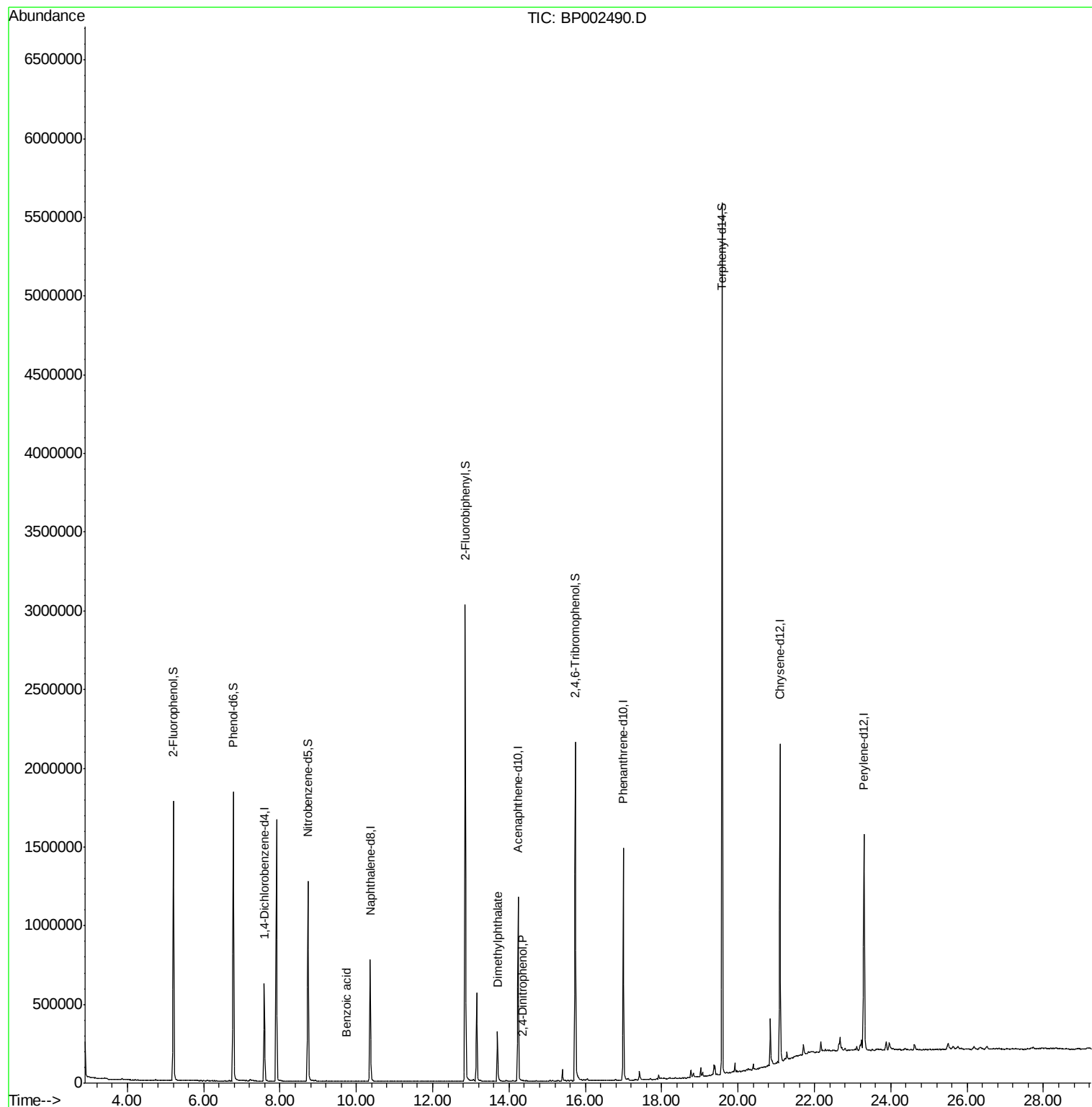
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	159773	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	651552	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	388828	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	854315	20.00	ng	0.00
76) Chrysene-d12	21.10	240	906564	20.00	ng	-0.01
86) Perylene-d12	23.30	264	970889	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	790092	91.50	ng	0.00
7) Phenol-d6	6.78	99	1091242	94.93	ng	0.00
23) Nitrobenzene-d5	8.73	82	758719	69.54	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	404084	108.54	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1657144	71.66	ng	0.00
79) Terphenyl-d14	19.58	244	2563209	66.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.70	77	92	Below Cal	#	38
32) Benzoic acid	9.73	122	20	4.602 ng	#	1
50) Dimethylphthalate	13.69	163	223922	8.405 ng		100
54) 2,4-Dinitrophenol	14.35	184	31	2.795 ng	#	44
61) 4-Chlorophenyl-phenylether	15.30	204	35	Below Cal	#	62

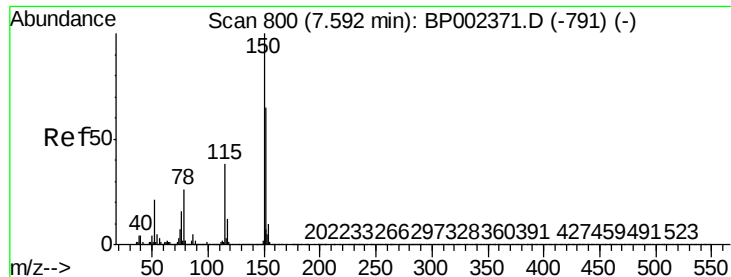
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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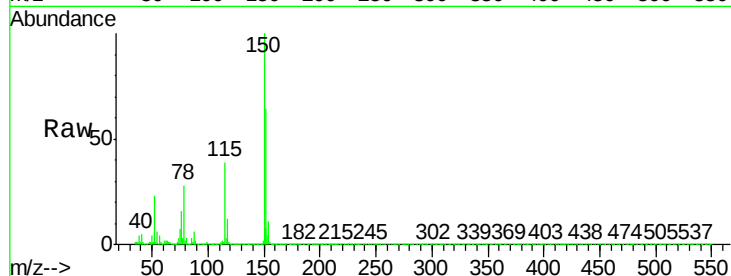


#1

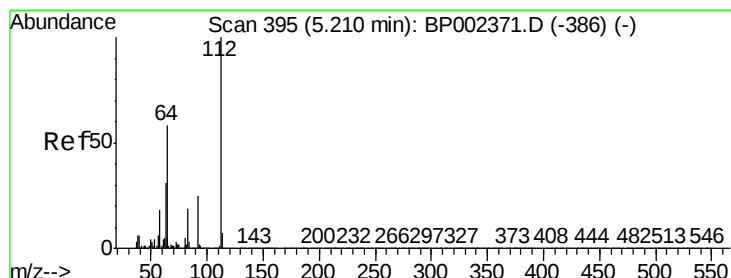
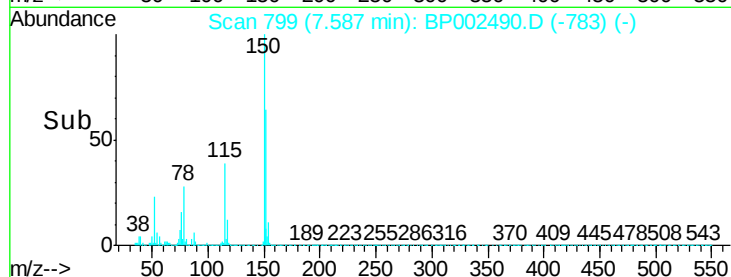
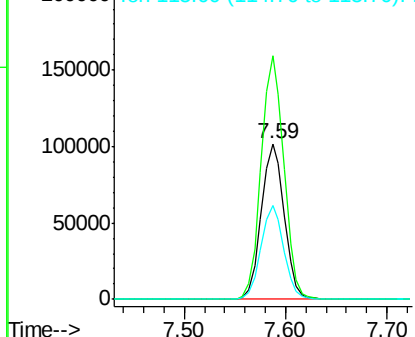
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002490.D
Acq: 22 Jun 2020 20:56

Instrument :
BNA_P
ClientSampleId :
JFK-SB-BC-1.0-5.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.0	186.0
115	60.5	47.4	71.0



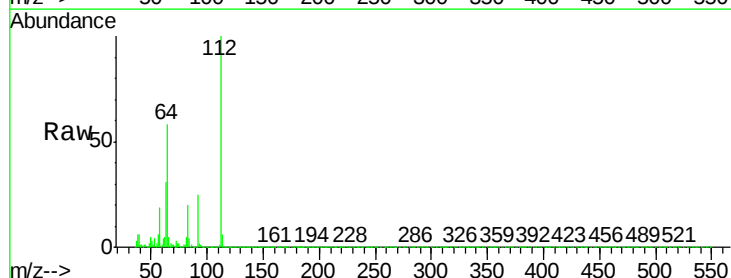
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



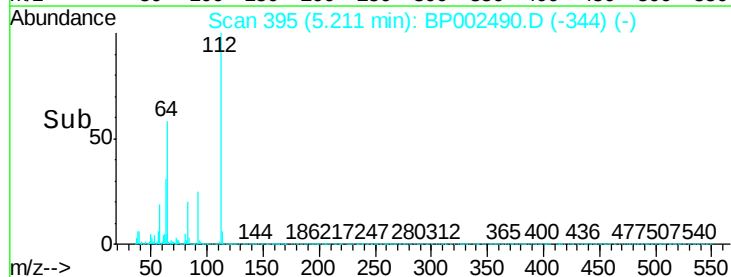
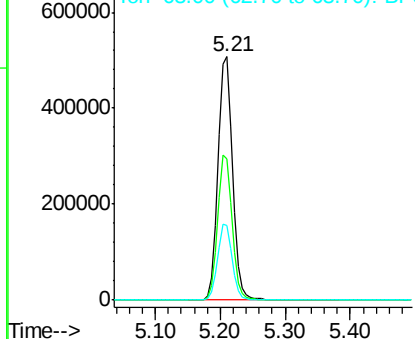
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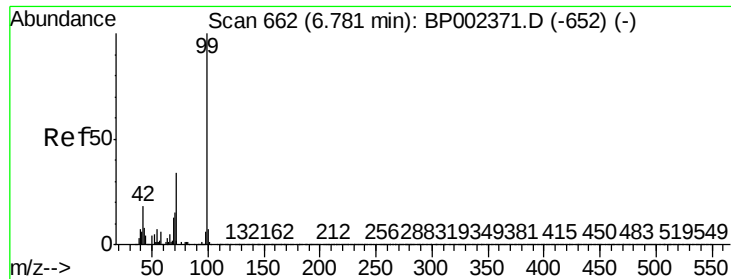
2-Fluorophenol
Concen: 91.505 ng
RT: 5.21 min Scan# 395
Delta R.T. 0.00 min
Lab File: BP002490.D
Acq: 22 Jun 2020 20:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.2	69.2
63	30.8	24.5	36.7



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: 94.925 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002490.D

Acq: 22 Jun 2020 20:56

Instrument :

BNA_P

ClientSampleId :

JFK-SB-BC-1.0-5.0

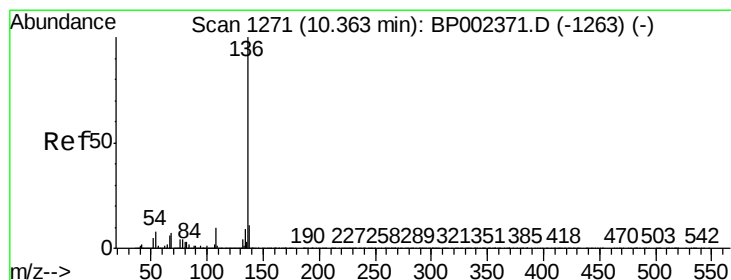
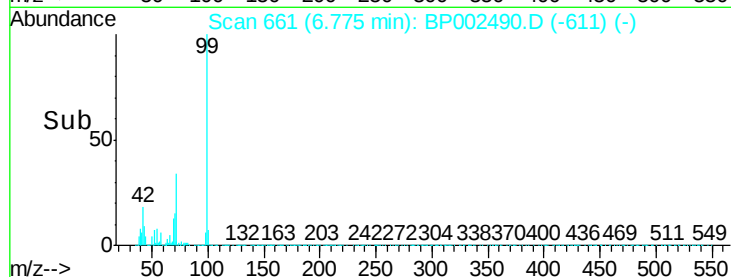
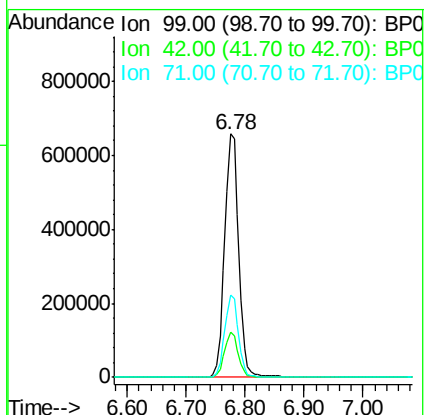
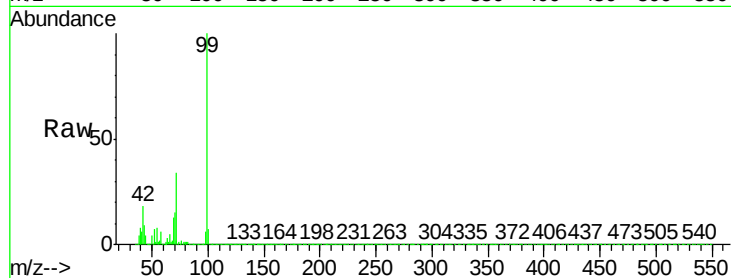
Tot Ion: 99 Resp: 1091242

Ion Ratio Lower Upper

99 100

42 18.4 14.6 22.0

71 34.0 27.2 40.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BP002490.D

Acq: 22 Jun 2020 20:56

Tgt Ion: 136 Resp: 651552

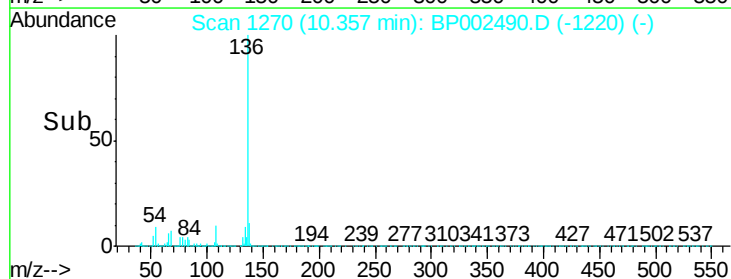
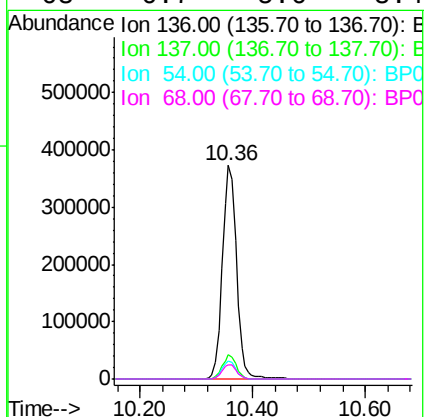
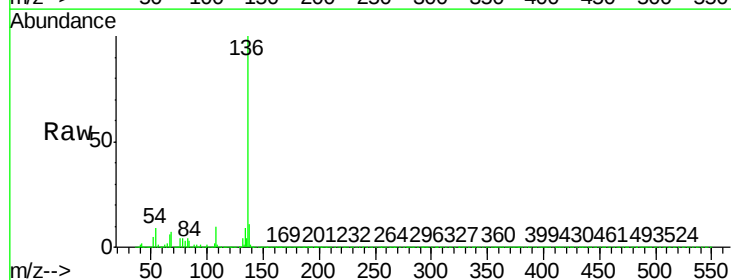
Ion Ratio Lower Upper

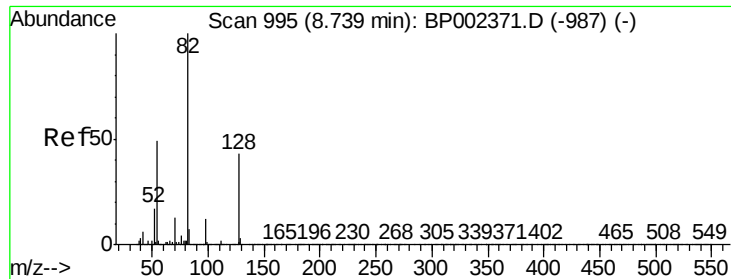
136 100

137 11.1 8.8 13.2

54 8.6 6.4 9.6

68 6.7 5.6 8.4

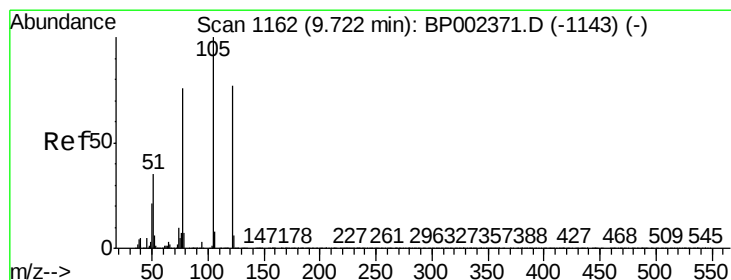
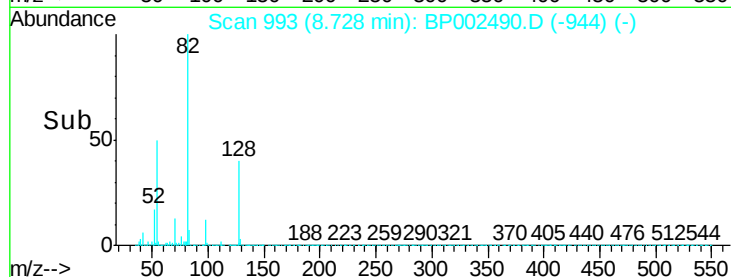
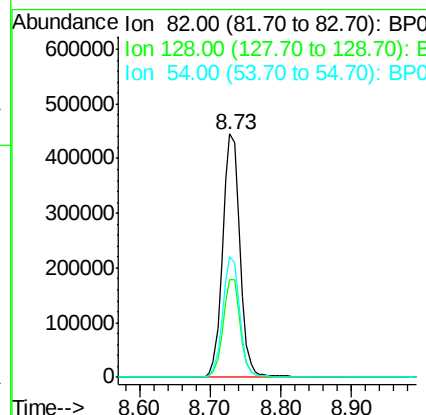
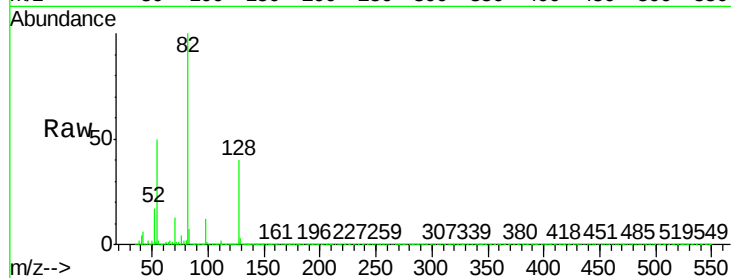




#23
 Nitrobenzene-d5
 Concen: 69.541 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BP002490.D
 Acq: 22 Jun 2020 20:56

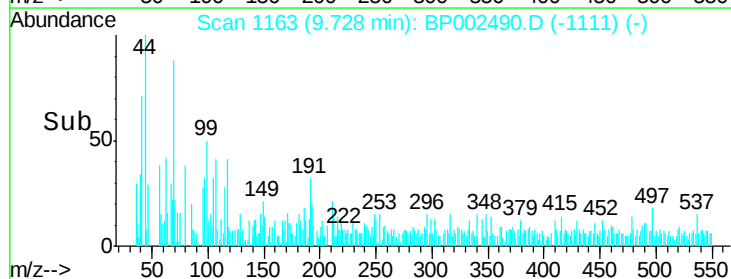
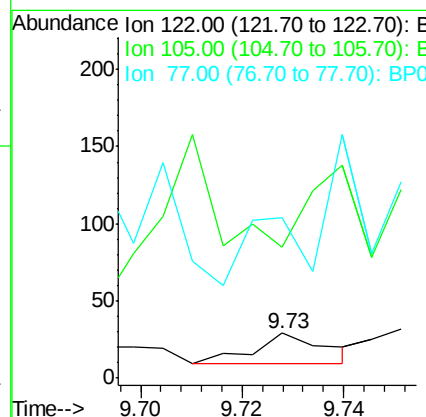
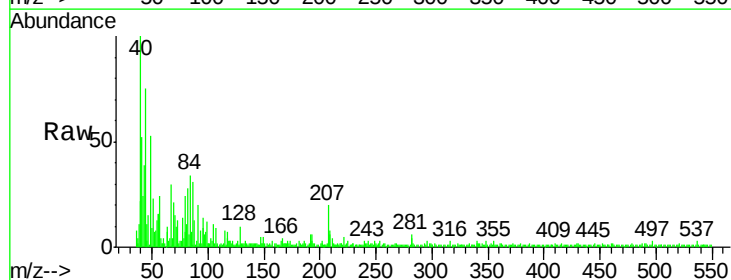
Instrument :
 BNA_P
 ClientSampleId :
 JFK-SB-BC-1.0-5.0

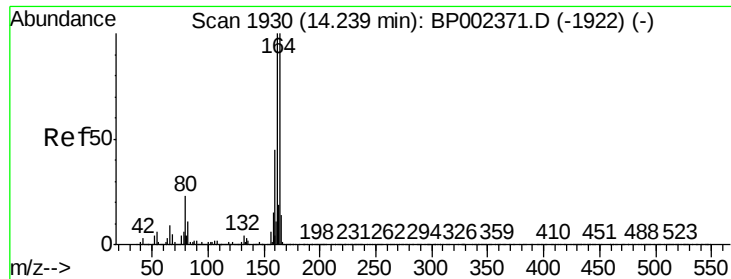
Tot Ion	82	Resp	758719
Ion Ratio	Lower	Upper	
82	100		
128	40.1	34.5	51.7
54	49.6	39.4	59.2



#32
 Benzoic acid
 Concen: 4.602 ng
 RT: 9.73 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BP002490.D
 Acq: 22 Jun 2020 20:56

Tgt Ion	122	Resp	20
Ion Ratio	Lower	Upper	
122	100		
105	293.1	106.3	146.3#
77	358.6	77.5	117.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002490.D

Acq: 22 Jun 2020 20:56

Instrument :

BNA_P

ClientSampleId :

JFK-SB-BC-1.0-5.0

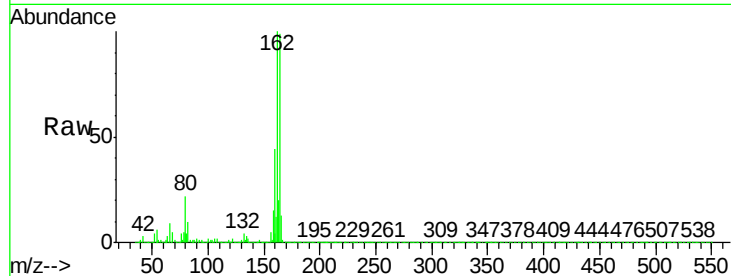
Tot Ion:164 Resp: 388828

Ion Ratio Lower Upper

164 100

162 100.9 79.8 119.8

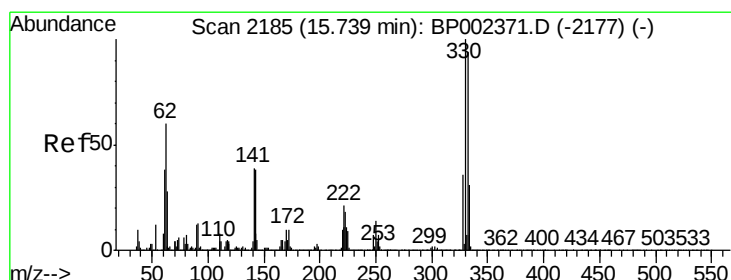
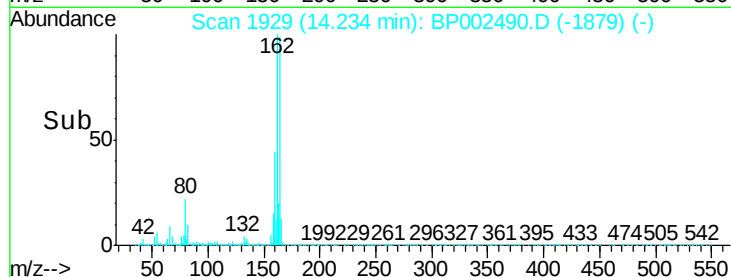
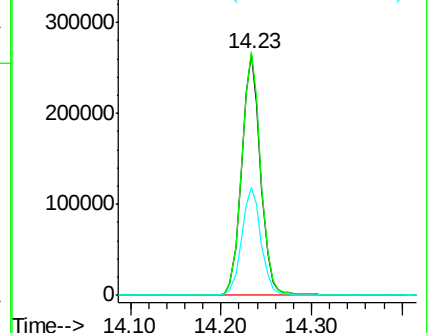
160 44.8 36.2 54.2



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: 108.544 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002490.D

Acq: 22 Jun 2020 20:56

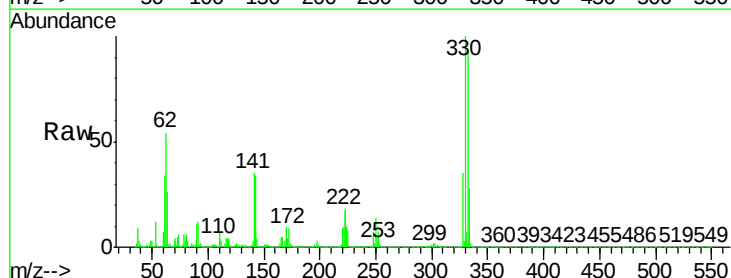
Tgt Ion:330 Resp: 404084

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

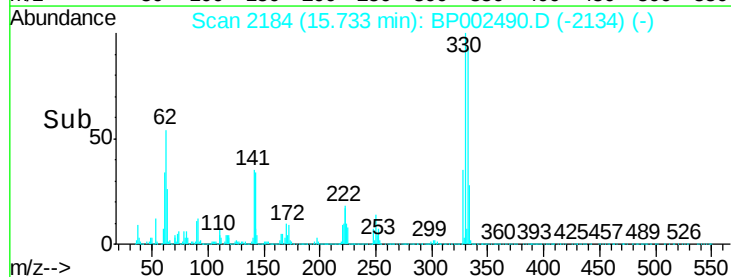
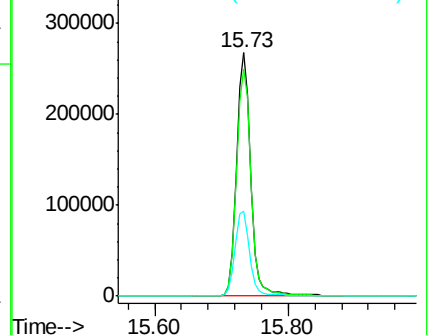
141 36.3 30.3 45.5

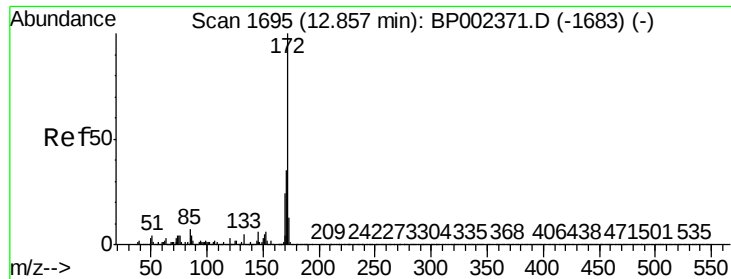


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

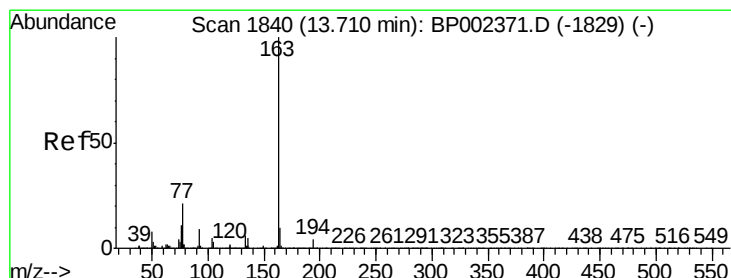
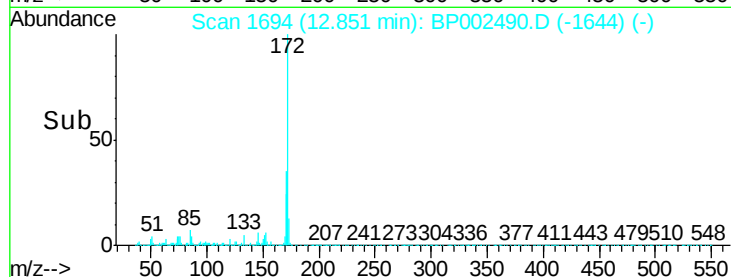
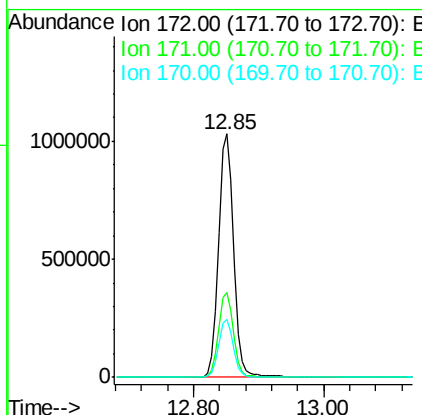
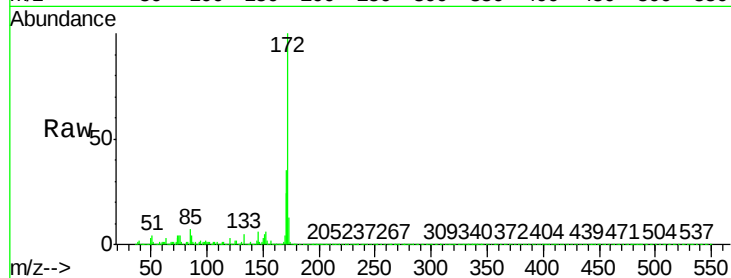




#45
2-Fluorobiphenyl
Concen: 71.660 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002490.D
Acq: 22 Jun 2020 20:56

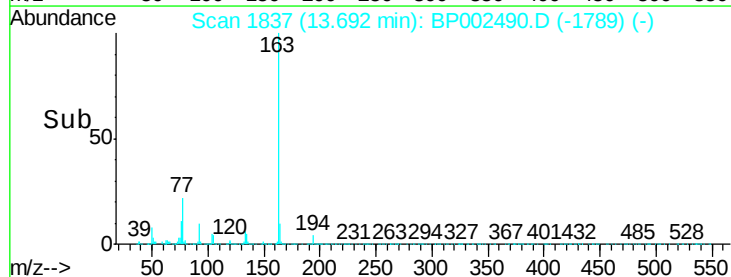
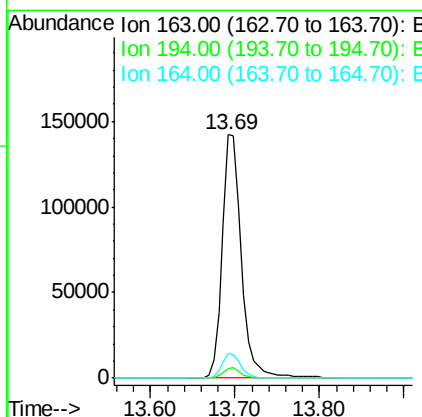
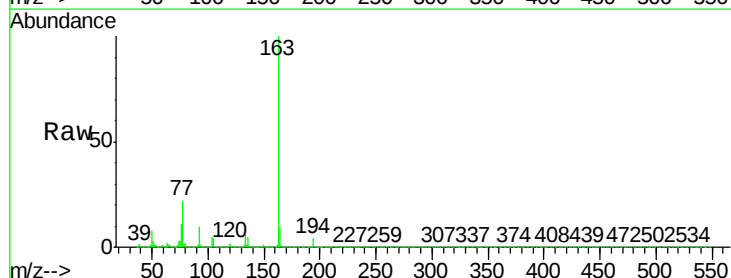
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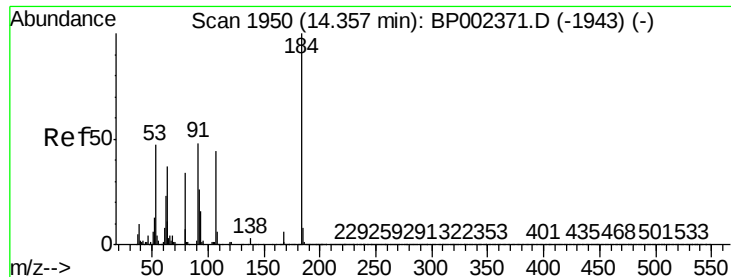
Tot Ion:172 Resp: 1657144
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 23.6 19.0 28.6



#50
Dimethylphthalate
Concen: 8.405 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BP002490.D
Acq: 22 Jun 2020 20:56

Tgt Ion:163 Resp: 223922
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.1 8.1 12.1

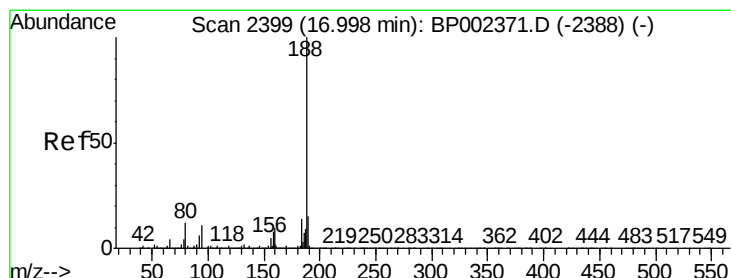
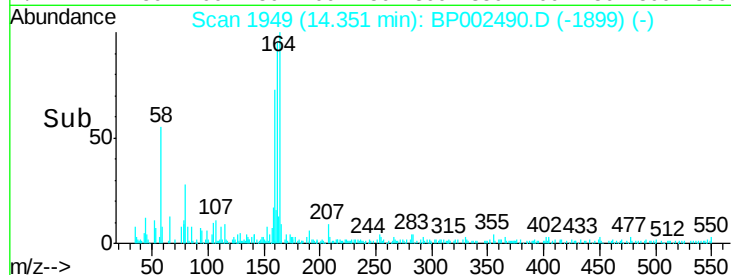
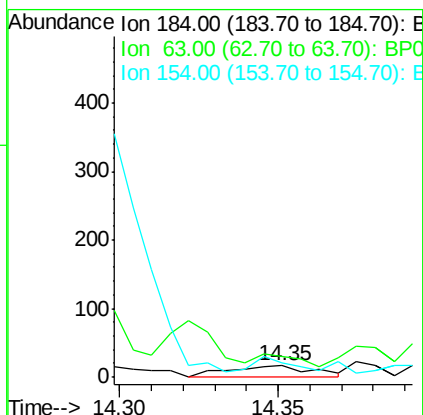
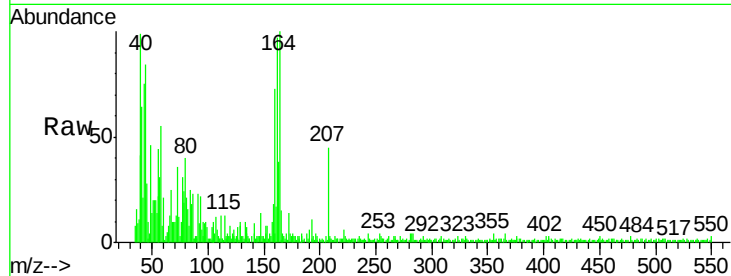




#54
 2,4-Dinitrophenol
 Concen: 2.795 ng
 RT: 14.35 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BP002490.D
 Acq: 22 Jun 2020 20:56

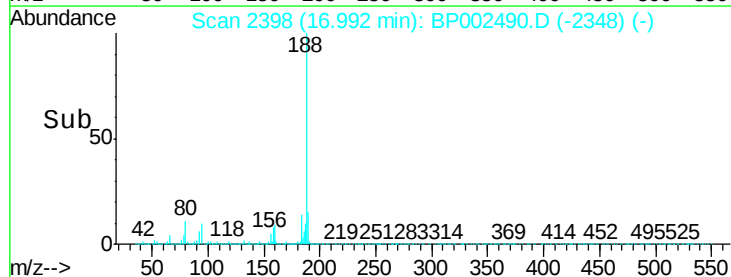
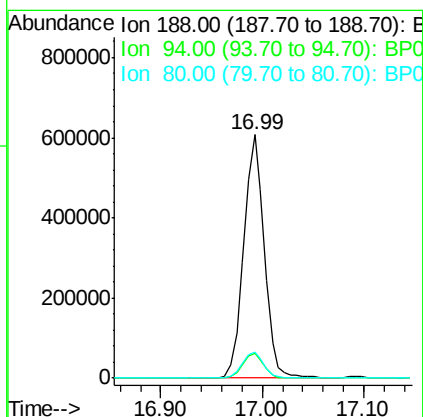
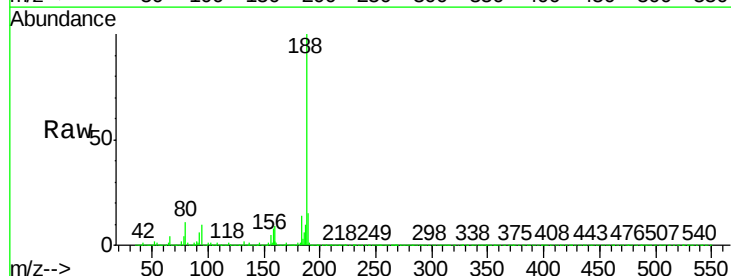
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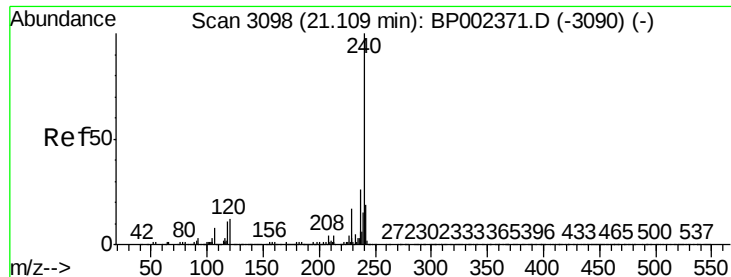
Tot Ion:184 Resp: 31
 Ion Ratio Lower Upper
 184 100
 63 125.0 52.3 78.5#
 154 87.5 48.6 72.8#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.99 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BP002490.D
 Acq: 22 Jun 2020 20:56

Tgt Ion:188 Resp: 854315
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 10.8 9.4 14.0

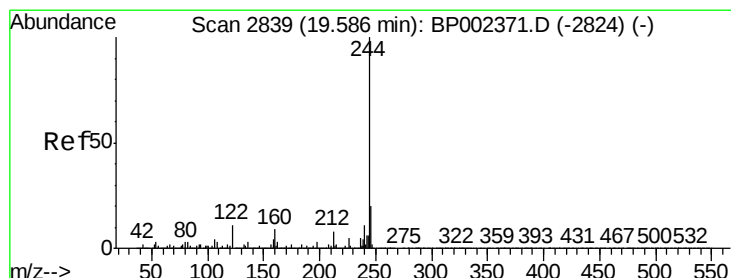
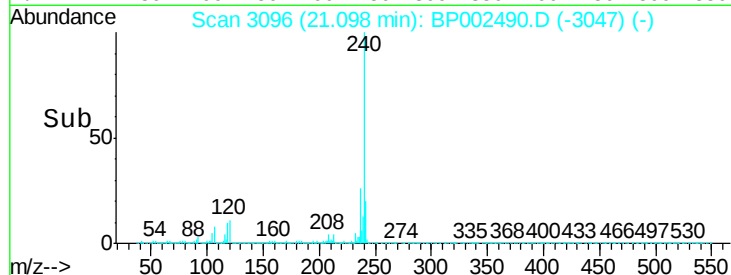
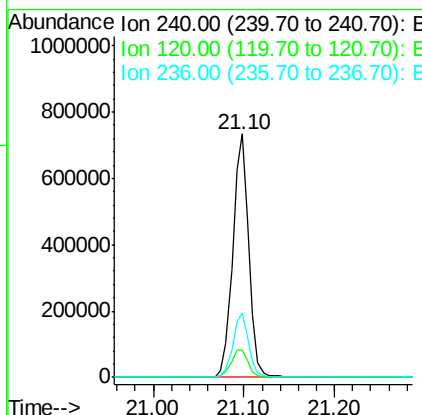
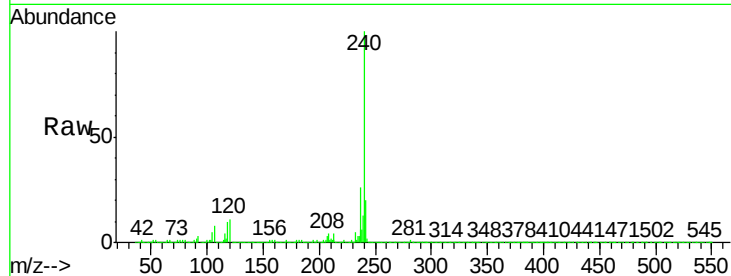




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BP002490.D
Acq: 22 Jun 2020 20:56

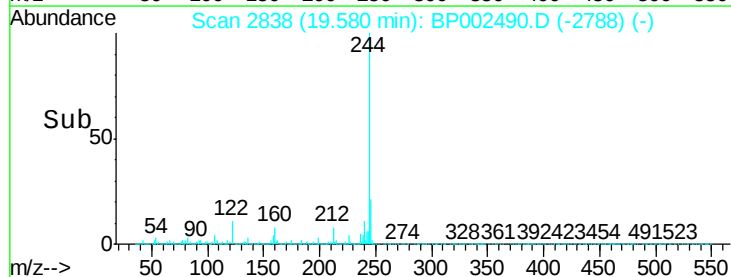
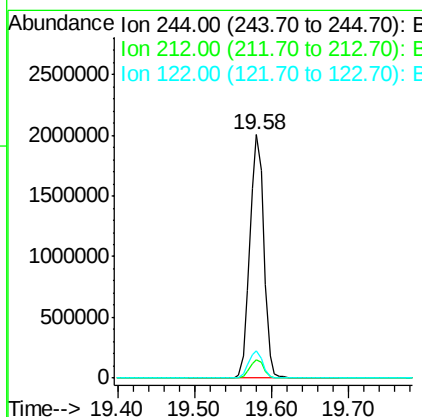
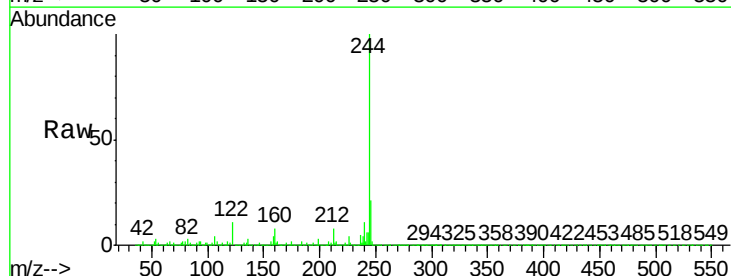
Instrument :
BNA_P
ClientSampleId :
JFK-SB-BC-1.0-5.0

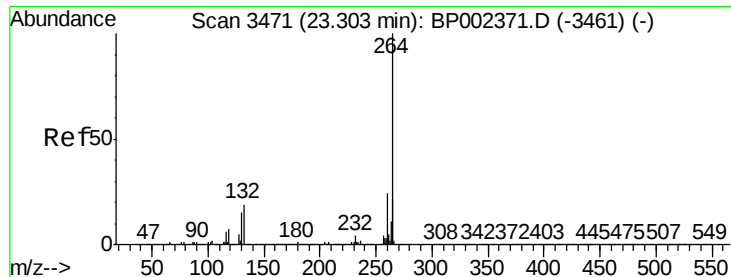
Tot Ion:240 Resp: 906564
Ion Ratio Lower Upper
240 100
120 11.2 9.3 13.9
236 26.4 21.0 31.6



#79
Terphenyl-d14
Concen: 66.696 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002490.D
Acq: 22 Jun 2020 20:56

Tgt Ion:244 Resp: 2563209
Ion Ratio Lower Upper
244 100
212 7.7 6.6 10.0
122 11.0 8.8 13.2





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BP002490.D
Acq: 22 Jun 2020 20:56

Instrument :
BNA_P
ClientSampleId :
JFK-SB-BC-1.0-5.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.0
265	22.4	17.4	26.2

