

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
 Data File : BP002500.D
 Acq On : 23 Jun 2020 13:35
 Operator : CG/JU
 Sample : L3079-08RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JFK-SB-01-0.0-72.0RE

Quant Time: Jun 23 15:01:49 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	158844	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	611585	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	347091	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	716231	20.00	ng	0.00
76) Chrysene-d12	21.10	240	702487	20.00	ng	-0.01
86) Perylene-d12	23.30	264	754963	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	1000303	116.53	ng	0.00
7) Phenol-d6	6.78	99	1315019	115.06	ng	0.00
23) Nitrobenzene-d5	8.73	82	916667	89.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	453703	136.53	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1864903	90.34	ng	0.00
79) Terphenyl-d14	19.59	244	2506808	94.98	ng	0.00

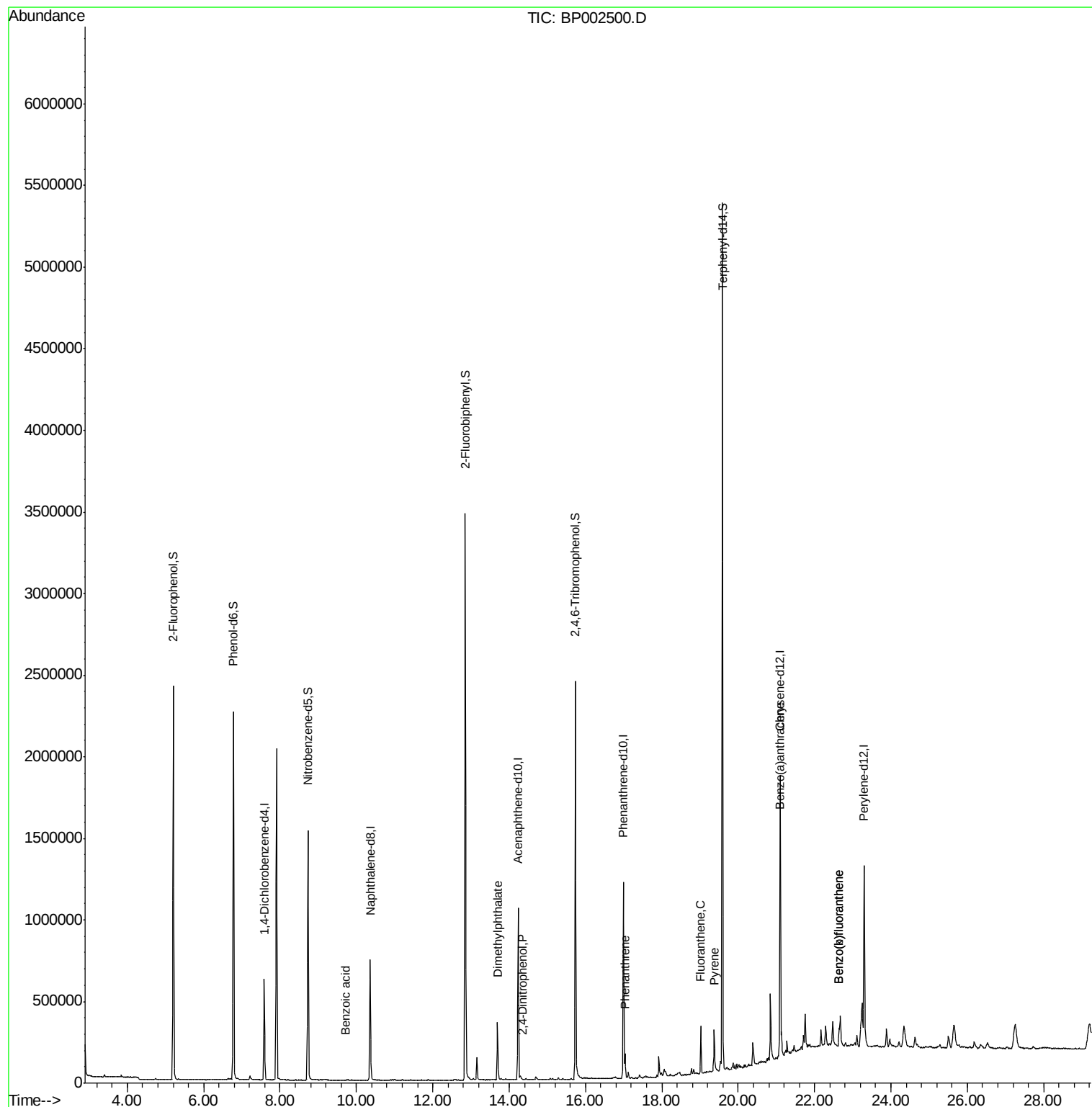
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.73	77	177	Below Cal		# 46
32) Benzoic acid	9.71	122	103	4.614	ng	# 61
50) Dimethylphthalate	13.70	163	241332	10.147	ng	100
54) 2,4-Dinitrophenol	14.35	184	17	2.791	ng	# 1
61) 4-Chlorophenyl-phenylether	15.28	204	27	Below Cal		# 1
71) Phenanthrene	17.03	178	81105	2.421	ng	100
75) Fluoranthene	19.02	202	164401	4.111	ng	99
78) Pyrene	19.37	202	155103	3.605	ng	97
81) Benzo(a)anthracene	21.09	228	83870	2.092	ng	98
88) Benzo(b)fluoranthene	22.65	252	123384	3.031	ng	# 97
89) Benzo(k)fluoranthene	22.65	252	123384	3.190	ng	# 96

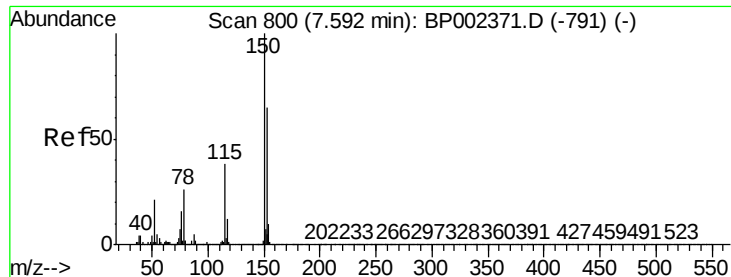
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
Data File : BP002500.D
Acq On : 23 Jun 2020 13:35
Operator : CG/JU
Sample : L3079-08RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JFK-SB-01-0.0-72.0RE

Quant Time: Jun 23 15:01:49 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 799

Delta R.T. -0.01 min

Lab File: BP002500.D

Acq: 23 Jun 2020 13:35

Instrument :

BNA_P

ClientSampleId :

JFK-SB-01-0.0-72.0RE

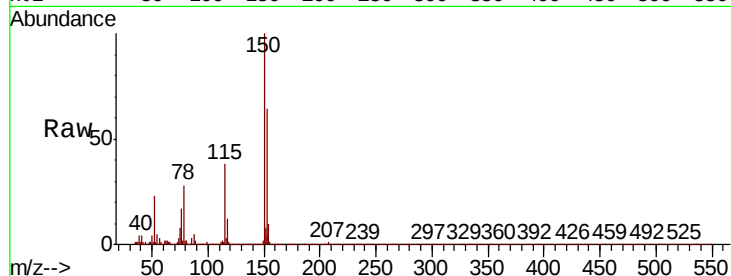
Tot Ion:152 Resp: 158844

Ion Ratio Lower Upper

152 100

150 157.2 124.0 186.0

115 60.4 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

200000

150000

100000

50000

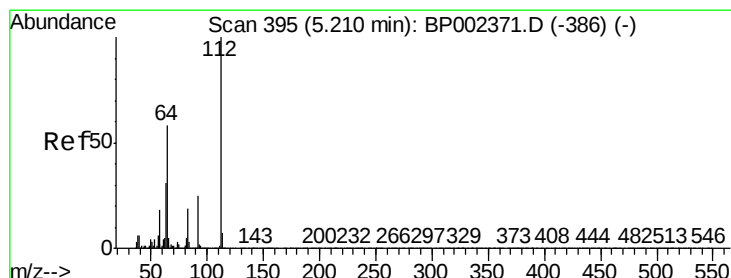
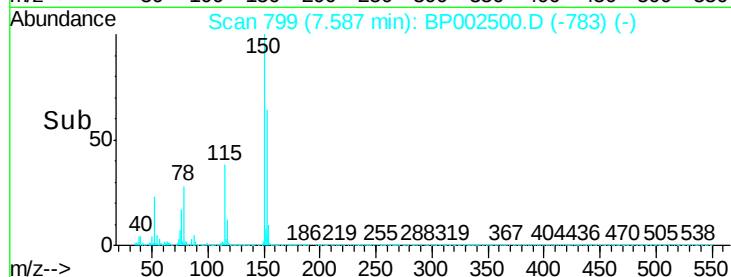
0

7.59

7.60

7.70

Time-->



#5

2-Fluorophenol

Concen: 116.528 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002500.D

Acq: 23 Jun 2020 13:35

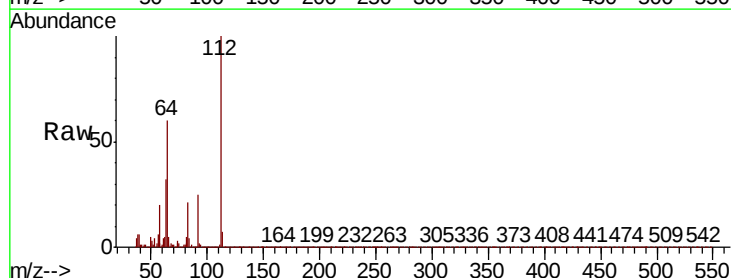
Tgt Ion:112 Resp: 1000303

Ion Ratio Lower Upper

112 100

64 60.0 46.2 69.2

63 31.9 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

800000

600000

400000

200000

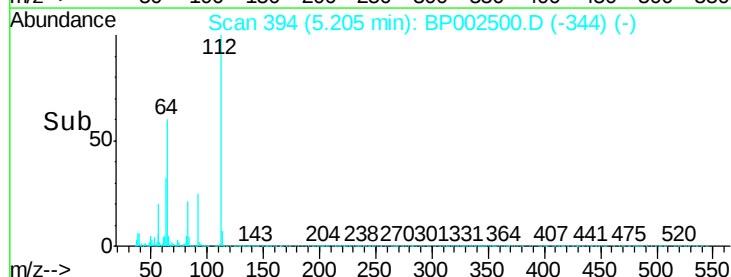
0

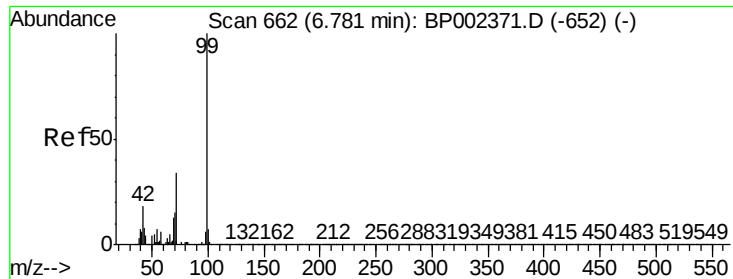
5.20

5.10

5.30

Time-->





#7

Phenol-d6

Concen: 115.060 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002500.D

Acq: 23 Jun 2020 13:35

Instrument :

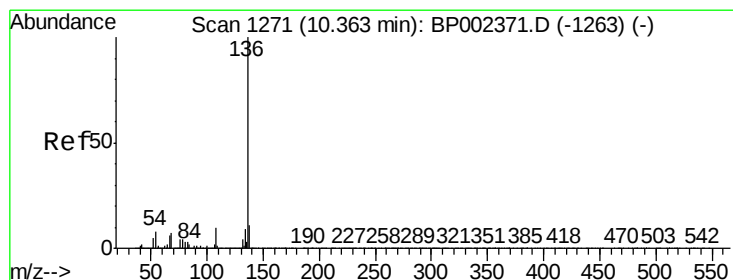
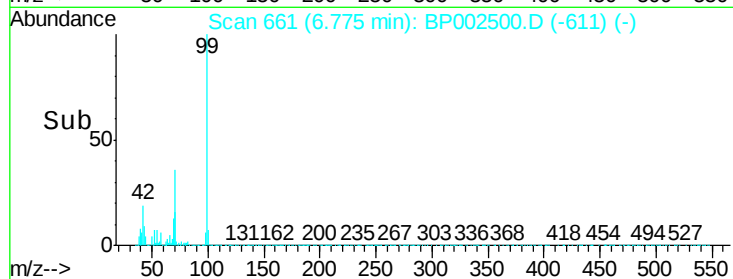
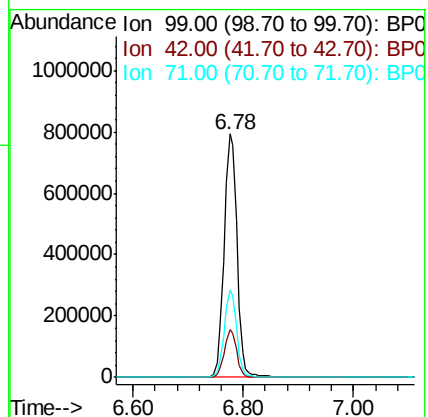
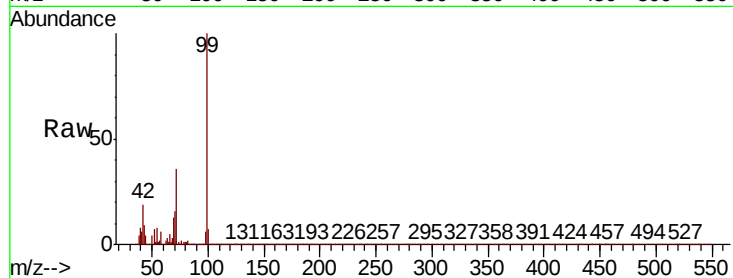
BNA_P

ClientSampleId :

JFK-SB-01-0.0-72.0RE

Tot Ion: 99 Resp: 1315019

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.6	22.0
71	35.7	27.2	40.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

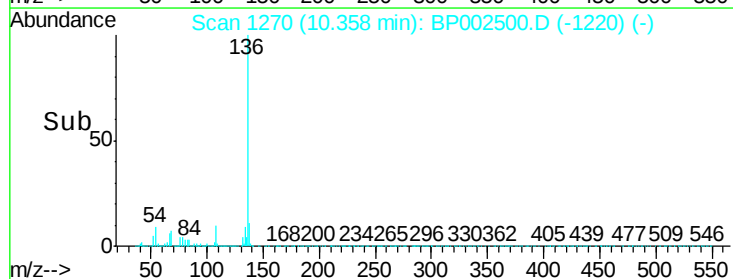
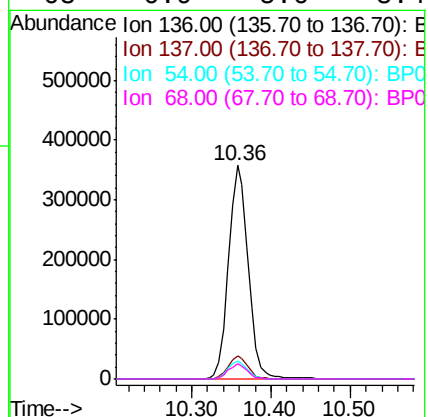
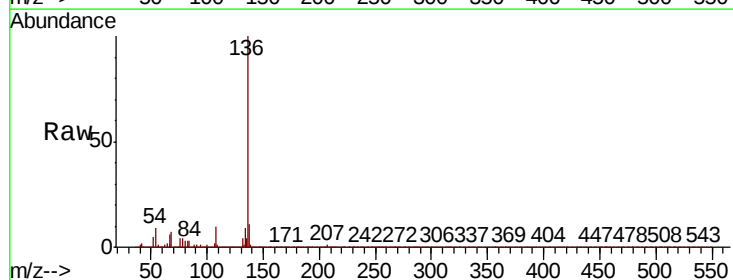
Delta R.T. -0.01 min

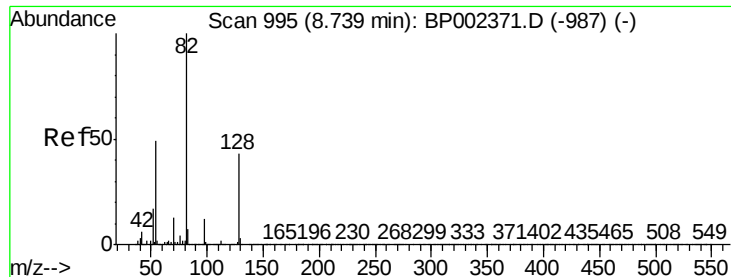
Lab File: BP002500.D

Acq: 23 Jun 2020 13:35

Tgt Ion: 136 Resp: 611585

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.6	6.4	9.6
68	6.9	5.6	8.4

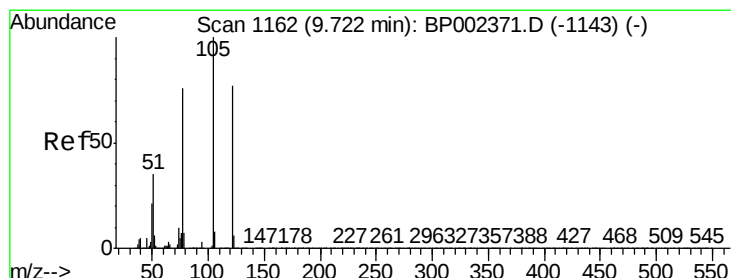
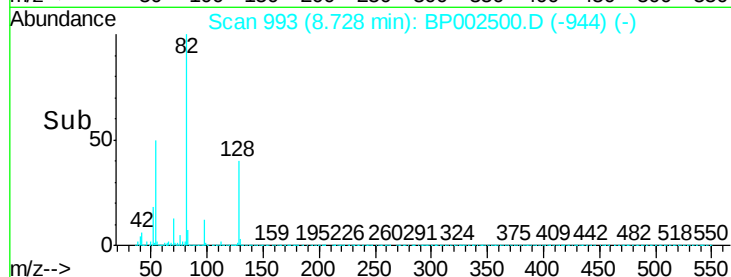
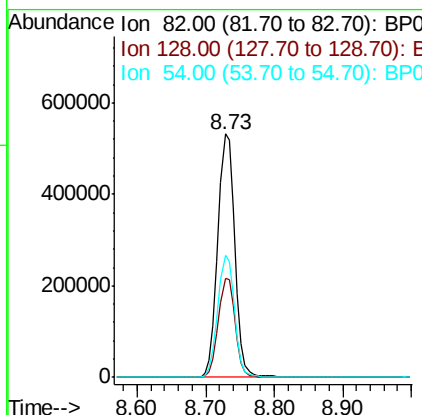
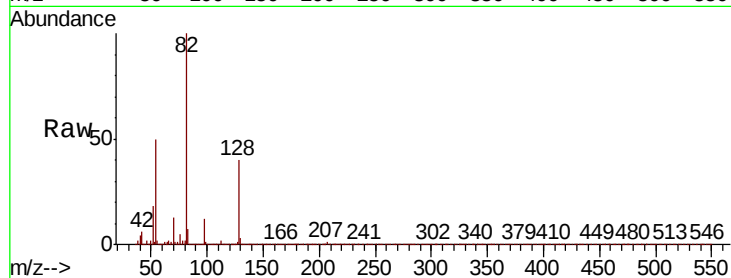




#23
 Nitrobenzene-d5
 Concen: 89.509 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BP002500.D
 Acq: 23 Jun 2020 13:35

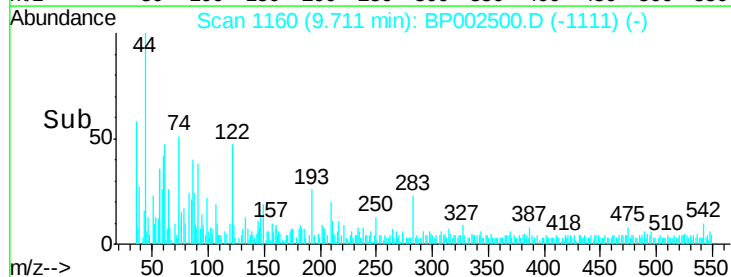
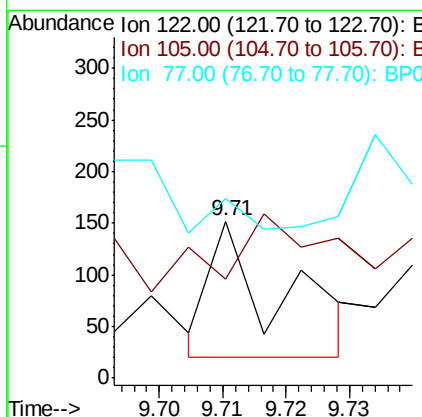
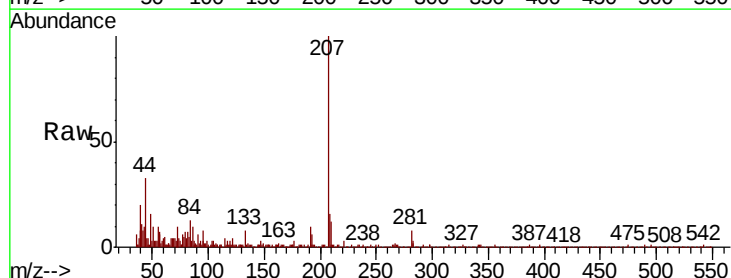
Instrument :
 BNA_P
 ClientSampleId :
 JFK-SB-01-0.0-72.0RE

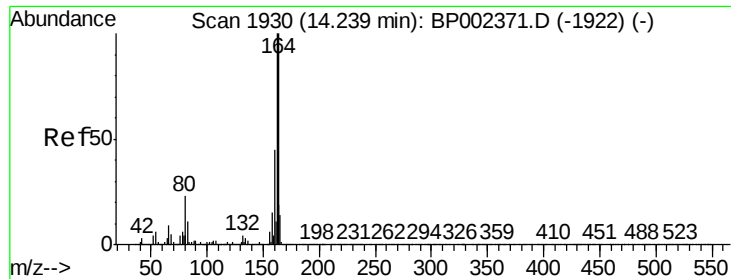
Tot Ion	82	Resp	916667
Ion Ratio	Lower	Upper	
82	100		
128	40.4	34.5	51.7
54	50.3	39.4	59.2



#32
 Benzoic acid
 Concen: 4.614 ng
 RT: 9.71 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BP002500.D
 Acq: 23 Jun 2020 13:35

Tgt Ion	122	Resp	103
Ion Ratio	Lower	Upper	
122	100		
105	63.2	106.3	146.3#
77	114.5	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: BP002500.D

Acq: 23 Jun 2020 13:35

Instrument :

BNA_P

ClientSampleId :

JFK-SB-01-0.0-72.0RE

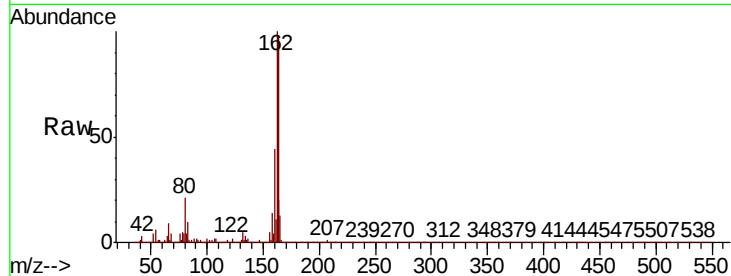
Tot Ion:164 Resp: 347091

Ion Ratio Lower Upper

164 100

162 101.6 79.8 119.8

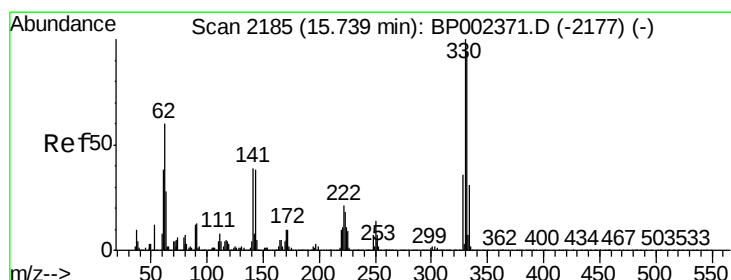
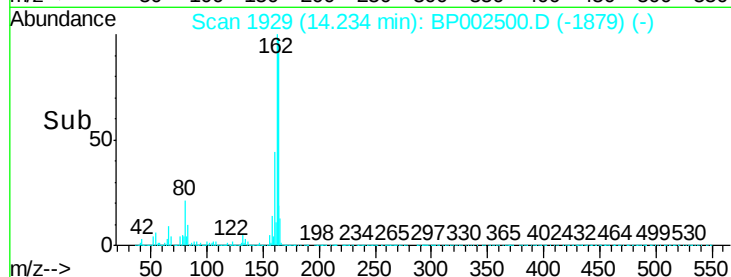
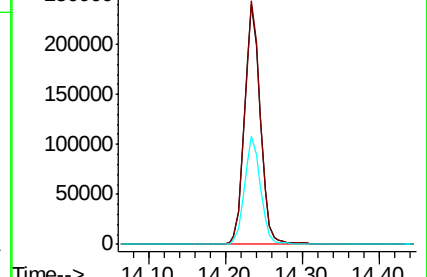
160 44.8 36.2 54.2



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: 136.528 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002500.D

Acq: 23 Jun 2020 13:35

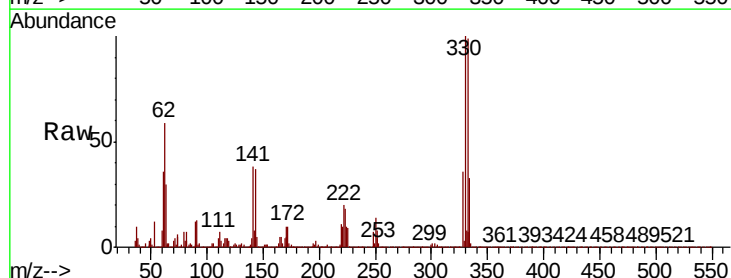
Tgt Ion:330 Resp: 453703

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

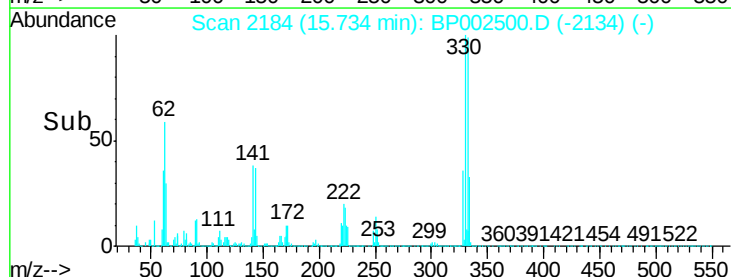
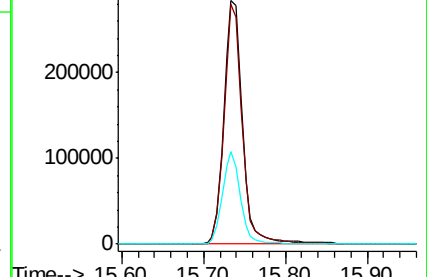
141 36.8 30.3 45.5

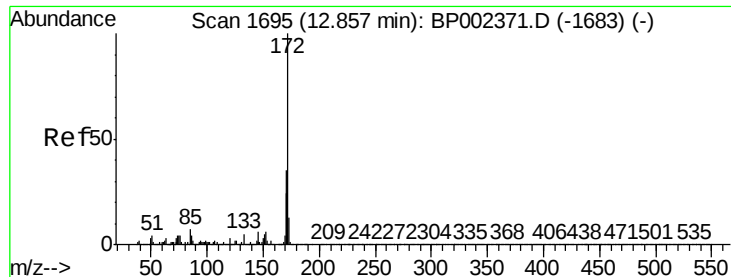


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

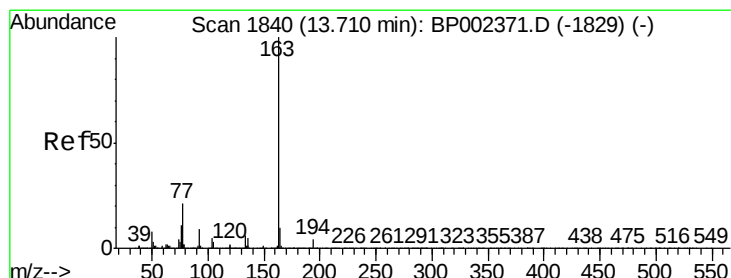
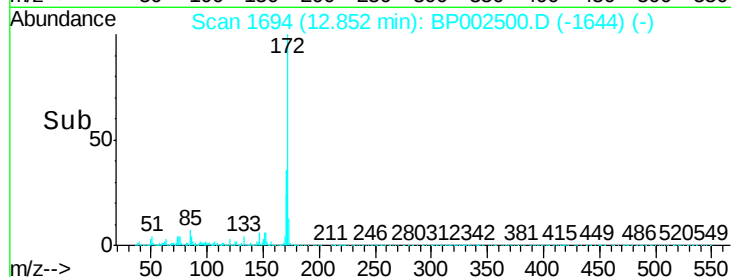
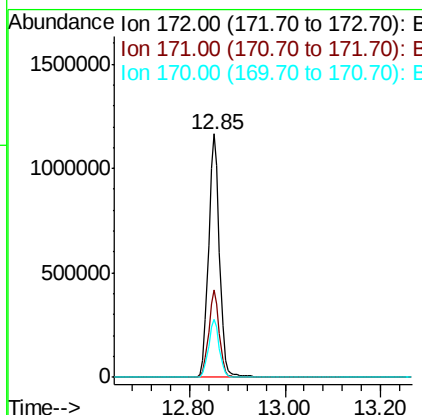
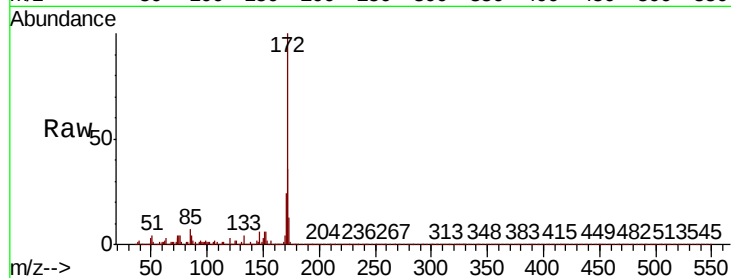




#45
2-Fluorobiphenyl
Concen: 90.342 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002500.D
Acq: 23 Jun 2020 13:35

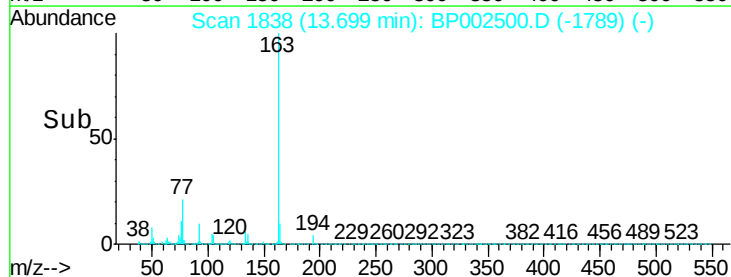
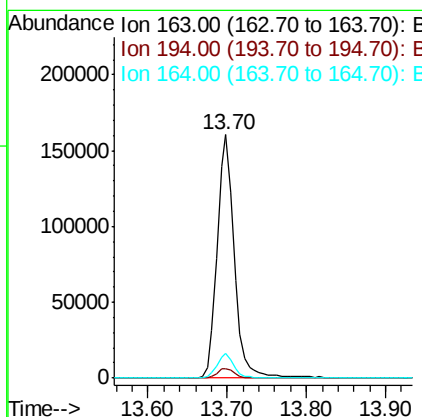
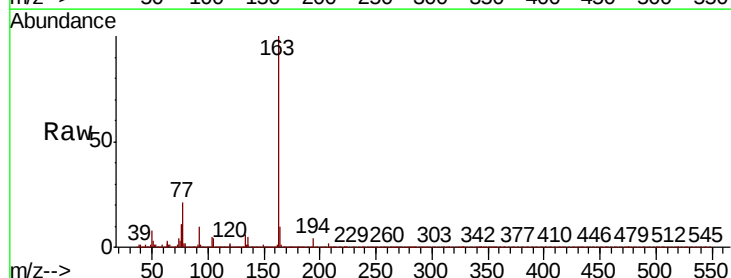
Instrument :
BNA_P
ClientSampleId :
JFK-SB-01-0.0-72.0RE

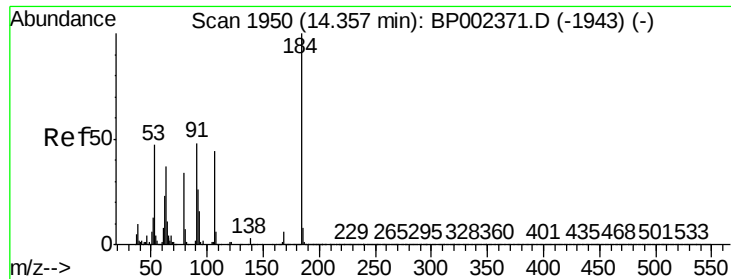
Tot Ion:172 Resp: 1864903
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.8
170 24.0 19.0 28.6



#50
Dimethylphthalate
Concen: 10.147 ng
RT: 13.70 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BP002500.D
Acq: 23 Jun 2020 13:35

Tgt Ion:163 Resp: 241332
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.1 12.1

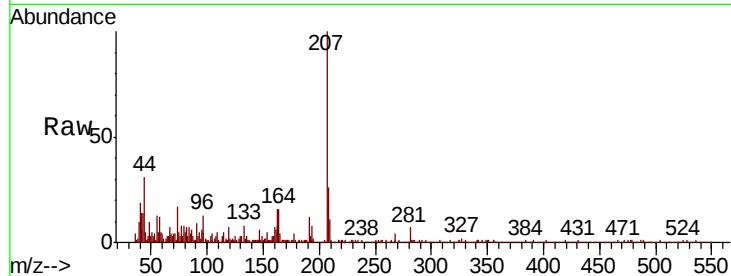




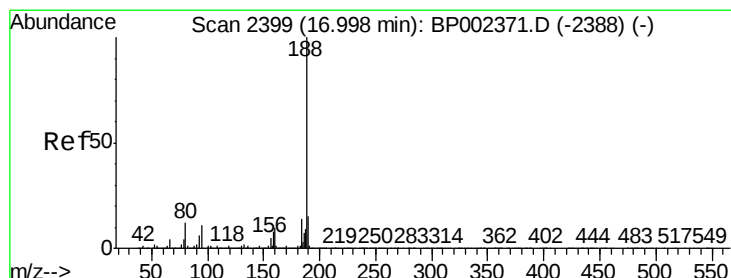
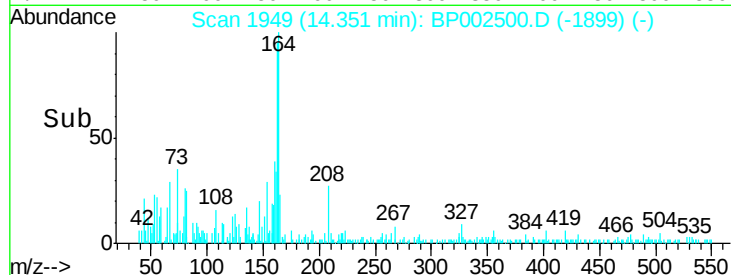
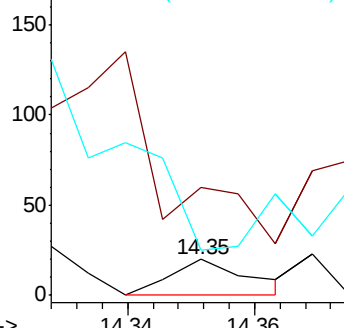
#54
 2,4-Dinitrophenol
 Concen: 2.791 ng
 RT: 14.35 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BP002500.D
 Acq: 23 Jun 2020 13:35

Instrument :
 BNA_P
 ClientSampleId :
 JFK-SB-01-0.0-72.0RE

Tot Ion:184 Resp: 17
 Ion Ratio Lower Upper
 184 100
 63 300.0 52.3 78.5#
 154 125.0 48.6 72.8#

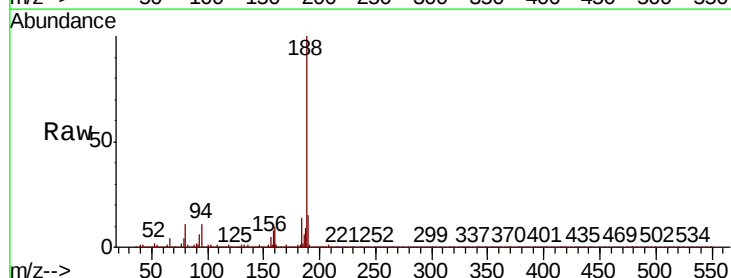


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BP0
 Ion 154.00 (153.70 to 154.70): E

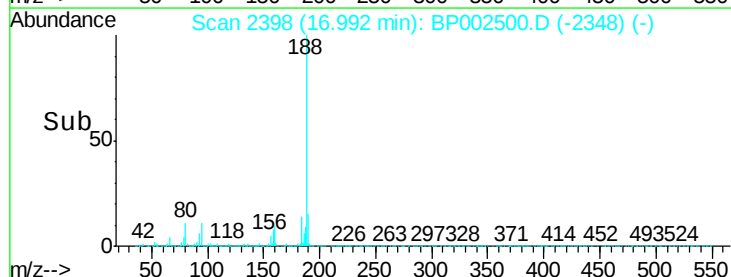
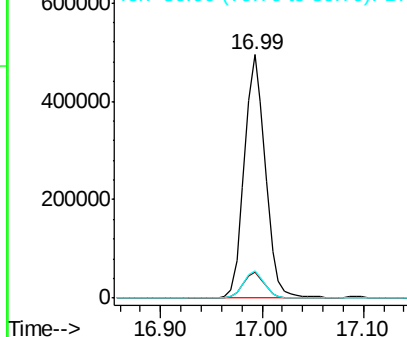


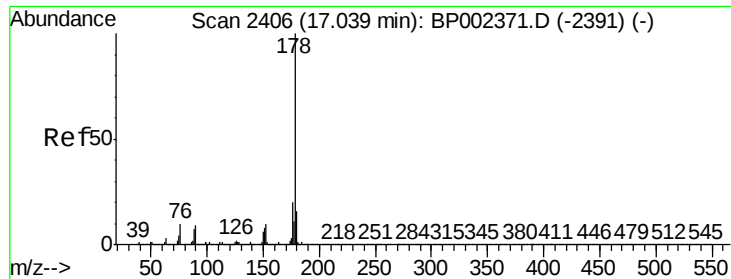
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.99 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BP002500.D
 Acq: 23 Jun 2020 13:35

Tgt Ion:188 Resp: 716231
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.3 9.4 14.0



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





#71

Phenanthrene

Concen: 2.421 ng

RT: 17.03 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BP002500.D

Acq: 23 Jun 2020 13:35

Instrument :

BNA_P

ClientSampleId :

JFK-SB-01-0.0-72.0RE

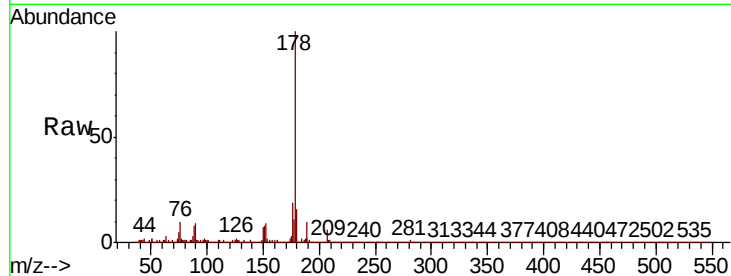
Tot Ion:178 Resp: 81105

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

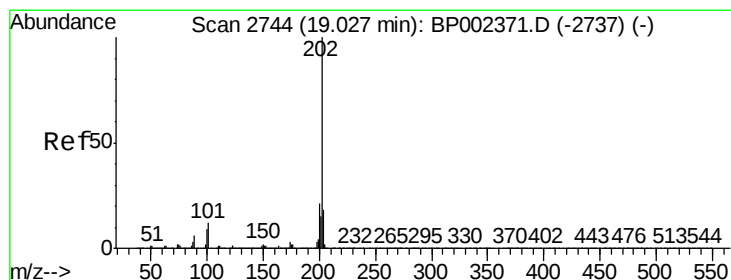
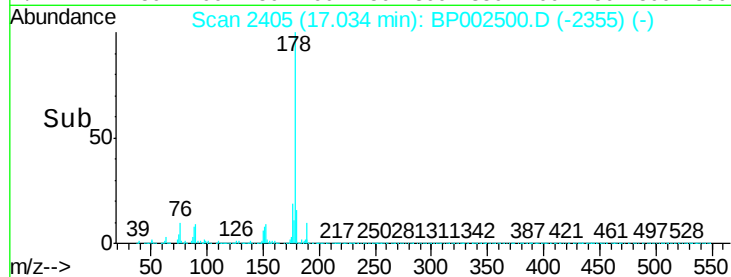
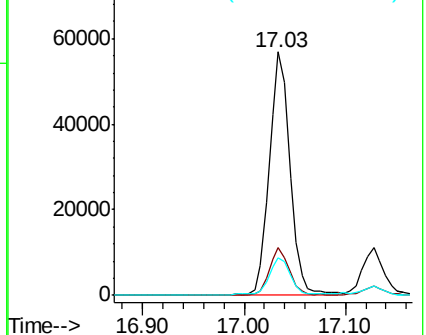
179 15.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 4.111 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BP002500.D

Acq: 23 Jun 2020 13:35

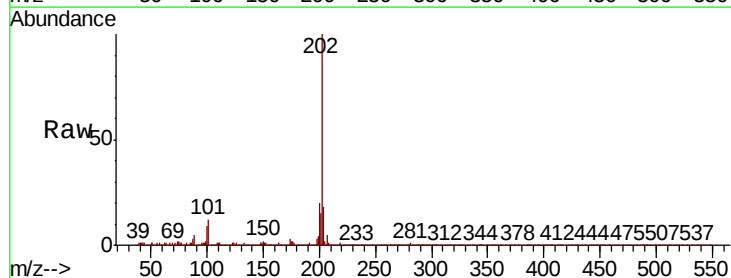
Tgt Ion:202 Resp: 164401

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.8

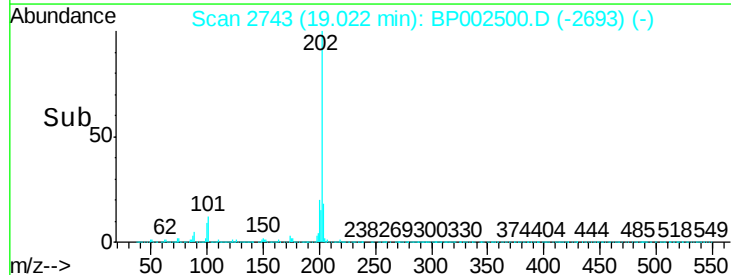
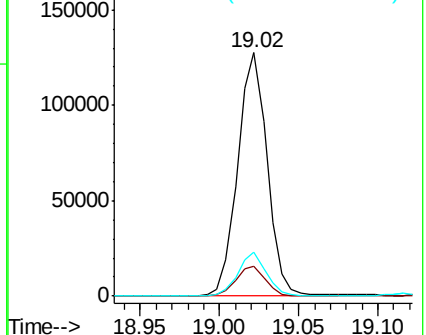
203 18.2 0.0 38.0

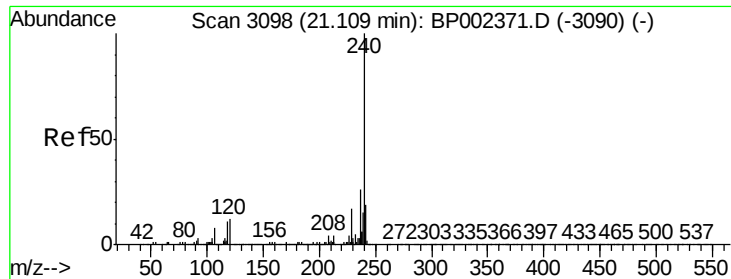


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

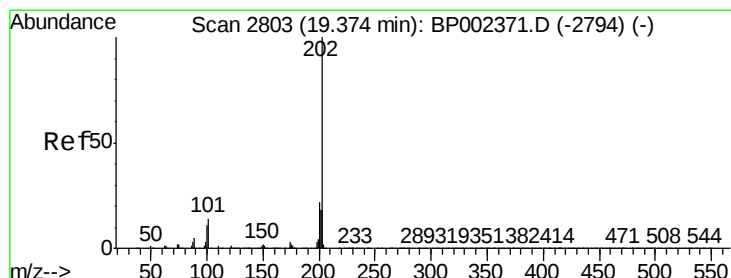
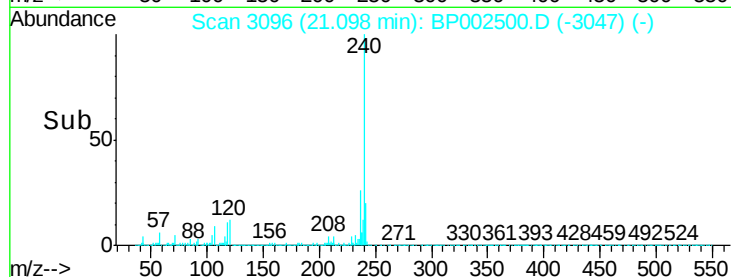
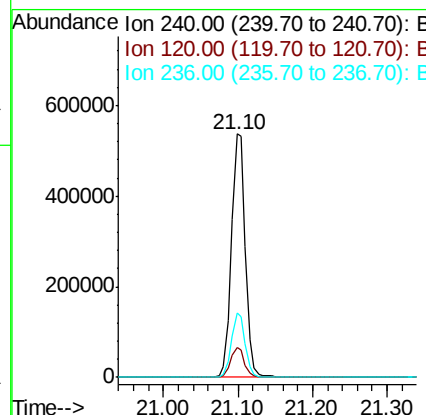
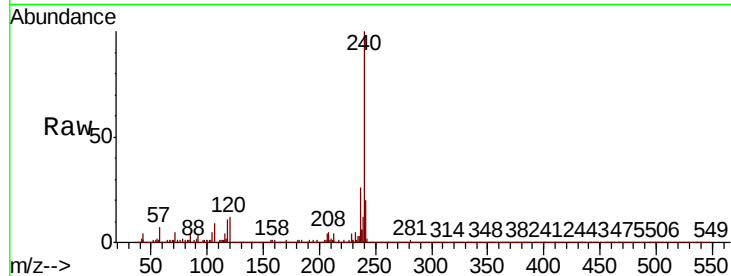




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BP002500.D
Acq: 23 Jun 2020 13:35

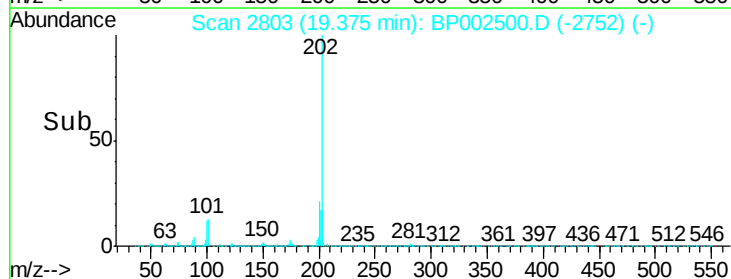
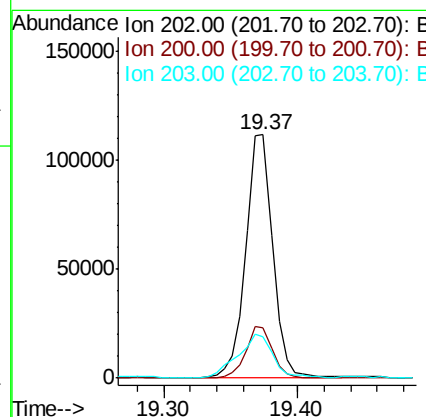
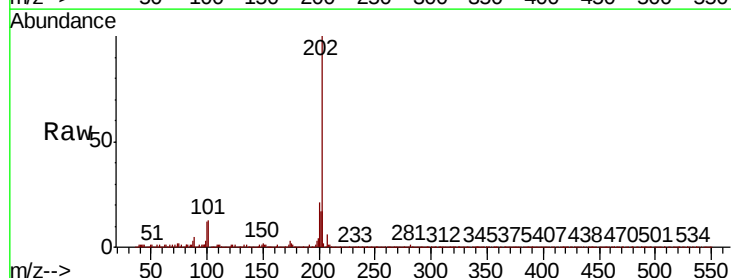
Instrument :
BNA_P
ClientSampleId :
JFK-SB-01-0.0-72.0RE

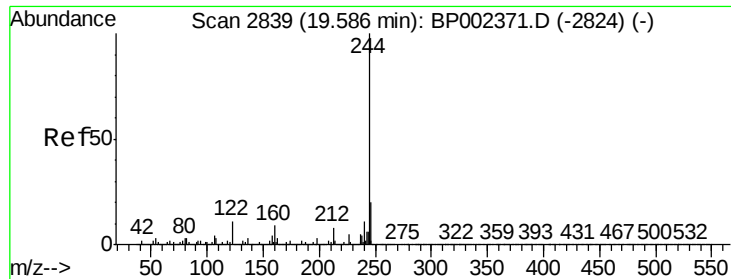
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.3	13.9
236	26.2	21.0	31.6



#78
Pyrene
Concen: 3.605 ng
RT: 19.37 min Scan# 2803
Delta R.T. 0.00 min
Lab File: BP002500.D
Acq: 23 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.7	26.5
203	16.9	14.6	22.0





#79

Terphenyl-d14

Concen: 94.983 ng

RT: 19.59 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BP002500.D

Acq: 23 Jun 2020 13:35

Instrument :

BNA_P

ClientSampleId :

JFK-SB-01-0.0-72.0RE

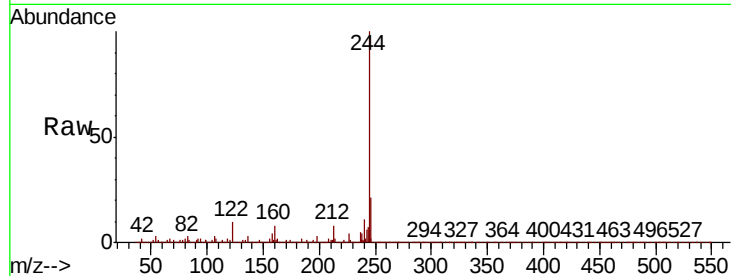
Tot Ion:244 Resp: 2506808

Ion Ratio Lower Upper

244 100

212 8.1 6.6 10.0

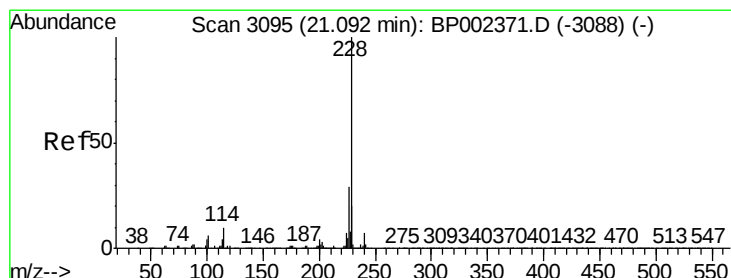
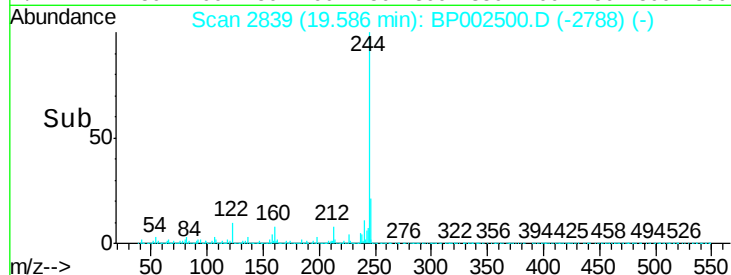
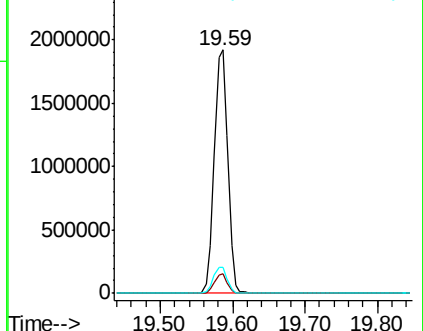
122 10.5 8.8 13.2



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



#81

Benzo(a)anthracene

Concen: 2.092 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002500.D

Acq: 23 Jun 2020 13:35

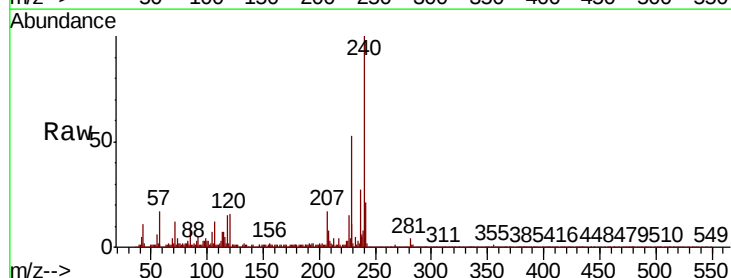
Tgt Ion:228 Resp: 83870

Ion Ratio Lower Upper

228 100

226 27.2 22.8 34.2

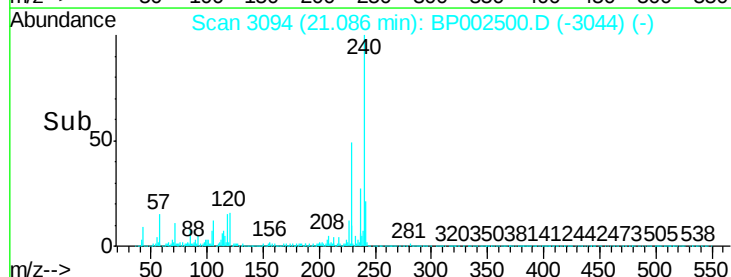
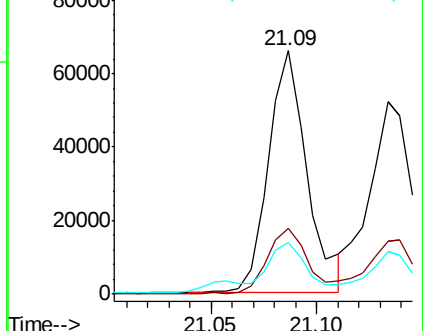
229 21.2 16.2 24.2

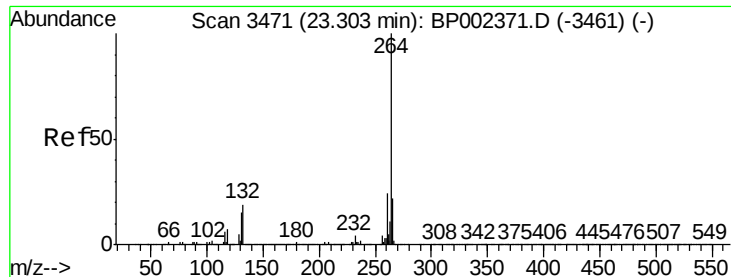


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



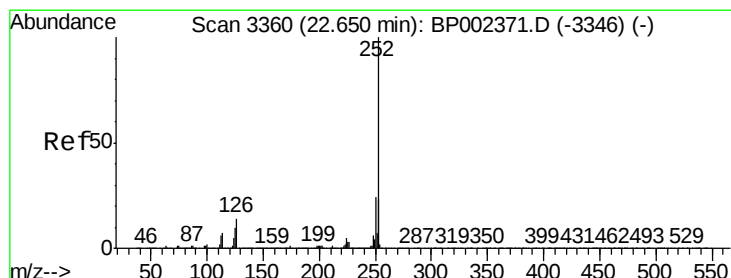
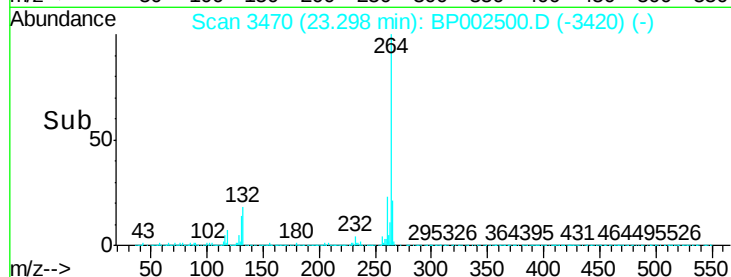
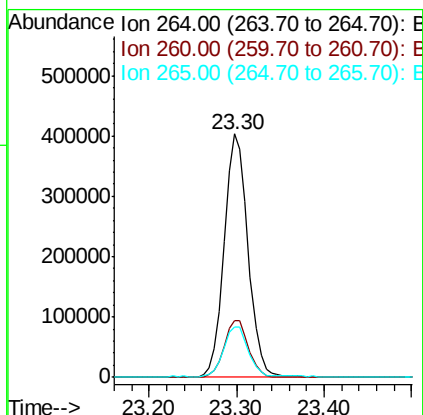
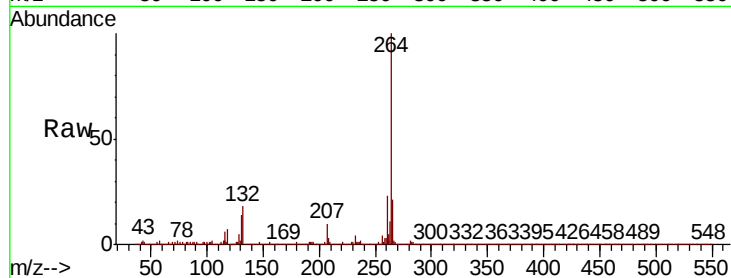


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BP002500.D
Acq: 23 Jun 2020 13:35

Instrument :
BNA_P
ClientSampleId :
JFK-SB-01-0.0-72.0RE

Tot Ion:264 Resp: 754963

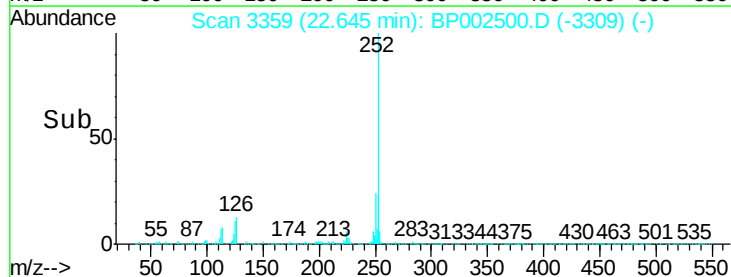
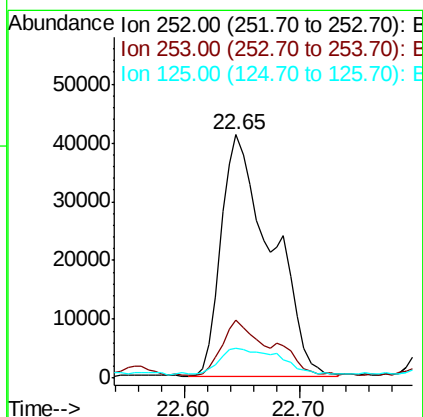
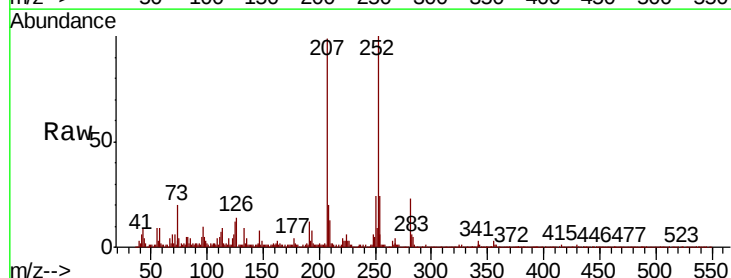
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	20.8	17.4	26.2

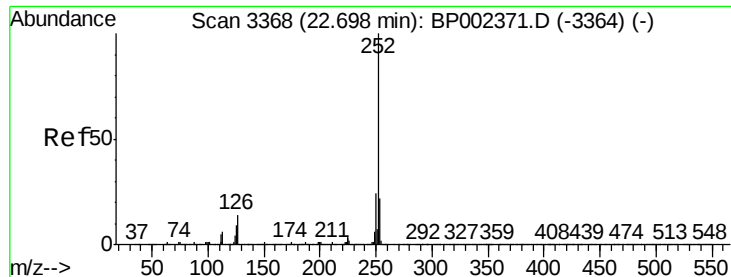


#88
Benzo(b)fluoranthene
Concen: 3.031 ng
RT: 22.65 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BP002500.D
Acq: 23 Jun 2020 13:35

Tgt Ion:252 Resp: 123384

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	12.4	8.2	12.2#





#89

Benzo(k)fluoranthene

Concen: 3.190 ng

RT: 22.65 min Scan# 3359

Delta R.T. -0.05 min

Lab File: BP002500.D

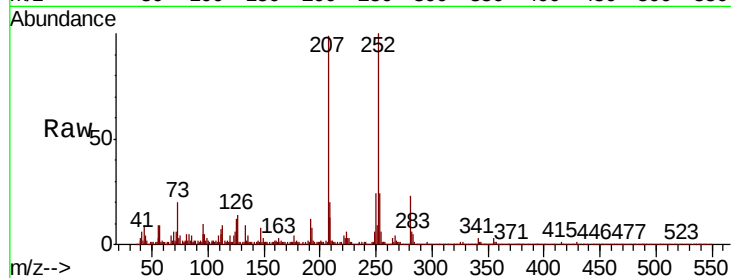
Acq: 23 Jun 2020 13:35

Instrument :

BNA_P

ClientSampleId :

JFK-SB-01-0.0-72.0RE



Tot Ion:	252	Resp:	123384
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.8	26.6
125	12.4	7.8	11.8

