

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
 Data File : BP002469.D
 Acq On : 19 Jun 2020 21:08
 Operator : CG/JU
 Sample : L3056-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-A-LOT-11

Quant Time: Jun 20 02:25:33 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	203425	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	859603	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	538571	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1194607	20.00	ng	0.00
76) Chrysene-d12	21.10	240	855993	20.00	ng	-0.01
86) Perylene-d12	23.29	264	797536	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1175442	106.92	ng	0.00
7) Phenol-d6	6.78	99	1684995	115.12	ng	0.00
23) Nitrobenzene-d5	8.73	82	1178121	81.85	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	649967	126.05	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2394433	74.75	ng	0.00
79) Terphenyl-d14	19.58	244	3149014	99.19	ng	0.00

Target Compounds

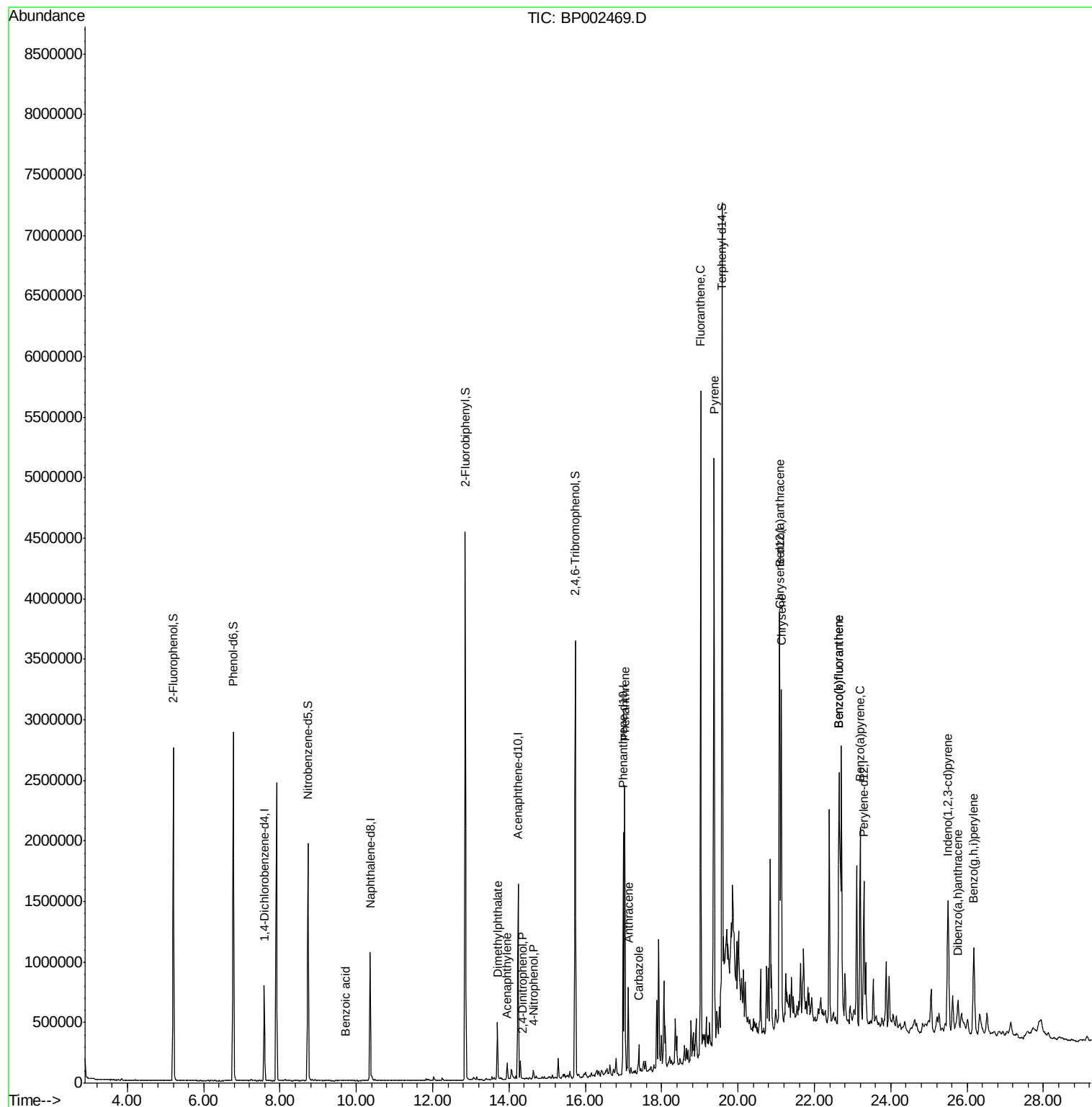
						Qvalue
9) Benzaldehyde	6.70	77	419	Below Cal	#	53
32) Benzoic acid	9.73	122	24	4.601 ng	#	49
49) Acenaphthylene	13.95	152	102511	2.225 ng		98
50) Dimethylphthalate	13.69	163	294175	7.972 ng		100
54) 2,4-Dinitrophenol	14.37	184	45	2.795 ng	#	1
56) 4-Nitrophenol	14.63	139	14733	2.028 ng	#	10
61) 4-Chlorophenyl-phenylether	15.27	204	60	Below Cal	#	1
71) Phenanthrene	17.03	178	1431798	25.622 ng		99
72) Anthracene	17.12	178	419660	7.560 ng		98
73) Carbazole	17.39	167	147998	2.710 ng		100
75) Fluoranthene	19.02	202	3360587	50.381 ng		99
78) Pyrene	19.37	202	3096951	59.066 ng		99
81) Benzo(a)anthracene	21.08	228	1550853	31.741 ng		99
83) Chrysene	21.13	228	1455241	31.437 ng		98
87) Indeno(1,2,3-cd)pyrene	25.50	276	828965	16.618 ng		96
88) Benzo(b)fluoranthene	22.64	252	1787345	41.558 ng		99
89) Benzo(k)fluoranthene	22.64	252	1787345	43.738 ng		98
90) Benzo(a)pyrene	23.20	252	1156762	28.700 ng		99
91) Dibenzo(a,h)anthracene	25.76	278	167499	4.186 ng		93
92) Benzo(a,h,i)perylene	26.17	276	806954	19.472 ng		99

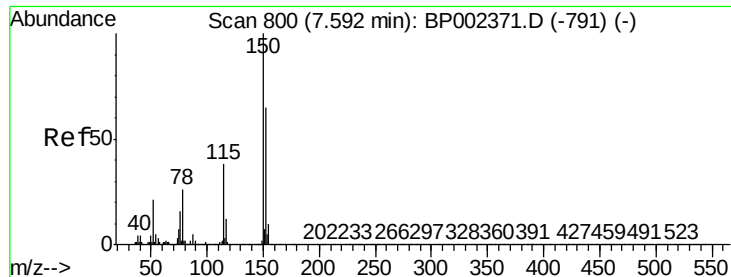
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002469.D
Acq On : 19 Jun 2020 21:08
Operator : CG/JU
Sample : L3056-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SAMPLE-A-LOT-11

Quant Time: Jun 20 02:25:33 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: BP002469.D

Acq: 19 Jun 2020 21:08

Instrument :

BNA_P

ClientSampleId :

SAMPLE-A-LOT-11

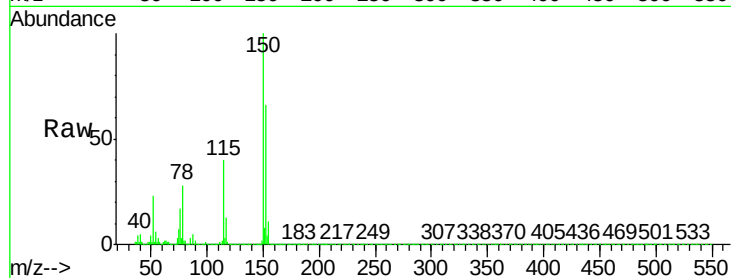
Tot Ion:152 Resp: 203425

Ion Ratio Lower Upper

152 100

150 151.9 124.0 186.0

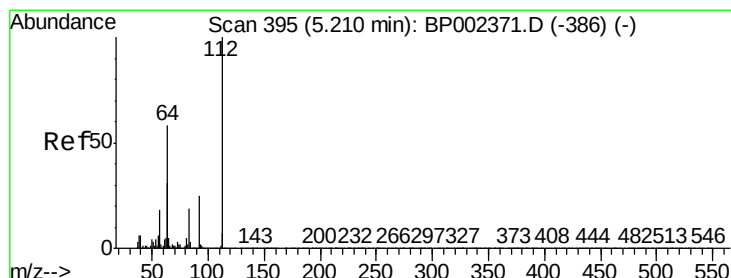
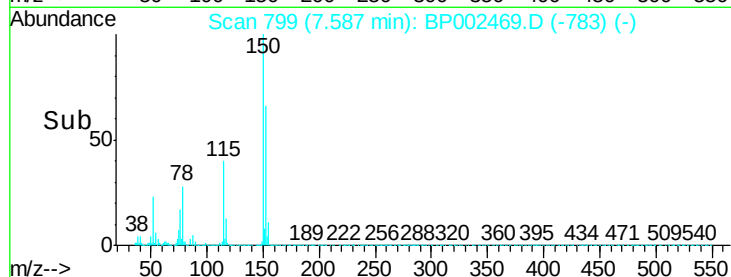
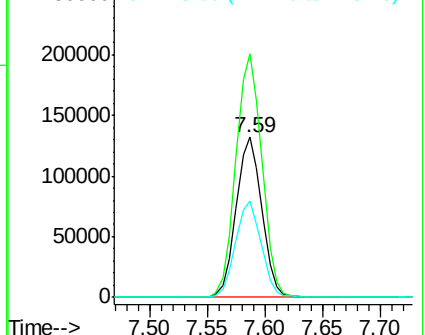
115 60.4 47.4 71.0



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



#5

2-Fluorophenol

Concen: 106.922 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002469.D

Acq: 19 Jun 2020 21:08

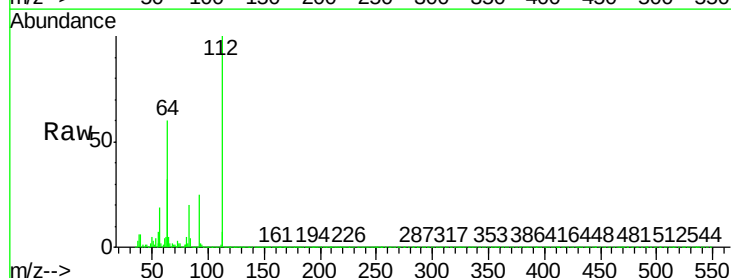
Tgt Ion:112 Resp: 1175442

Ion Ratio Lower Upper

112 100

64 59.7 46.2 69.2

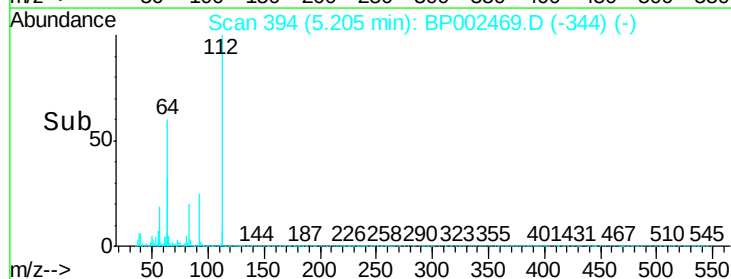
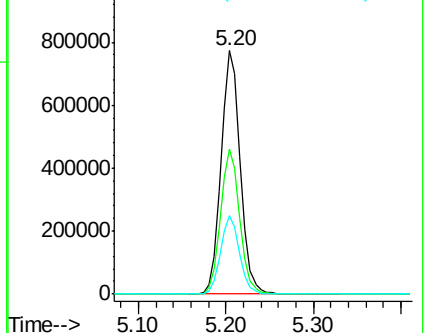
63 32.1 24.5 36.7

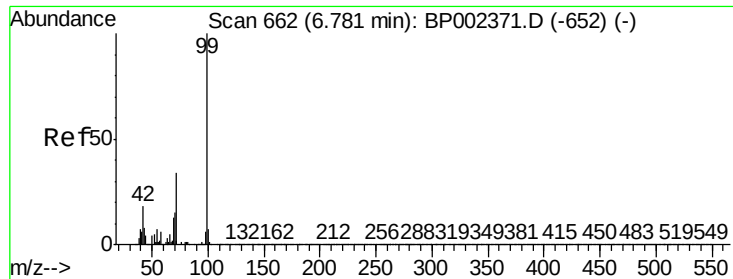


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 115.122 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002469.D

Acq: 19 Jun 2020 21:08

Instrument :

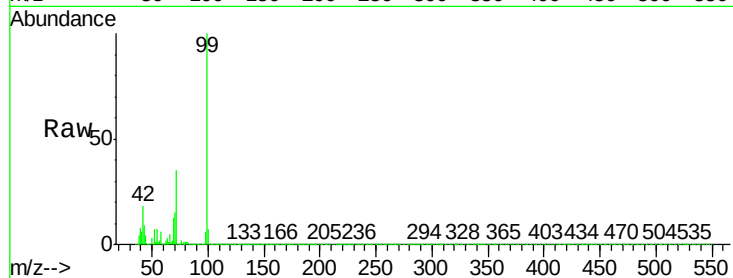
BNA_P

ClientSampleId :

SAMPLE-A-LOT-11

Tot Ion: 99 Resp: 1684995

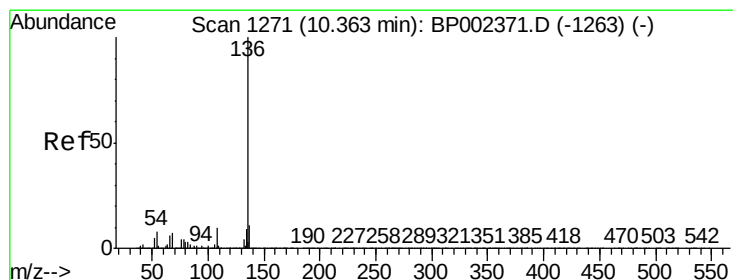
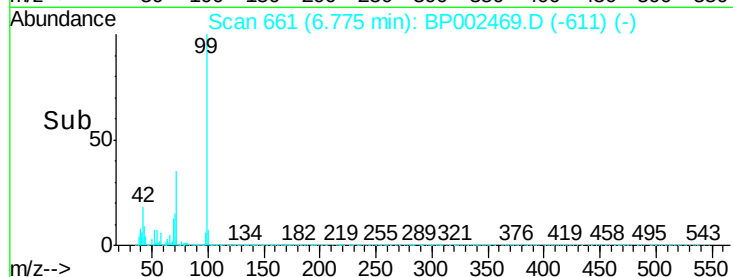
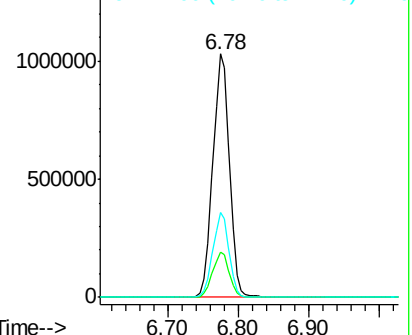
Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.6	22.0
71	34.9	27.2	40.8



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: 10.36 min Scan# 1270

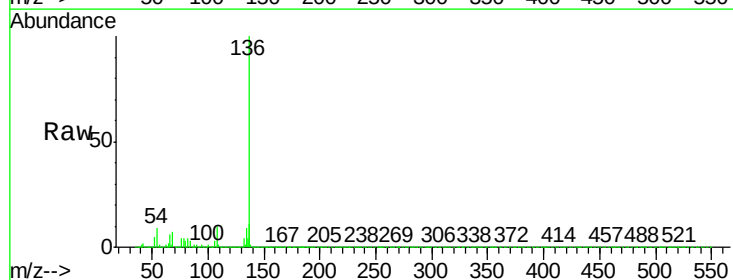
Delta R.T. -0.01 min

Lab File: BP002469.D

Acq: 19 Jun 2020 21:08

Tgt Ion: 136 Resp: 859603

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.6	6.4	9.6
68	6.7	5.6	8.4

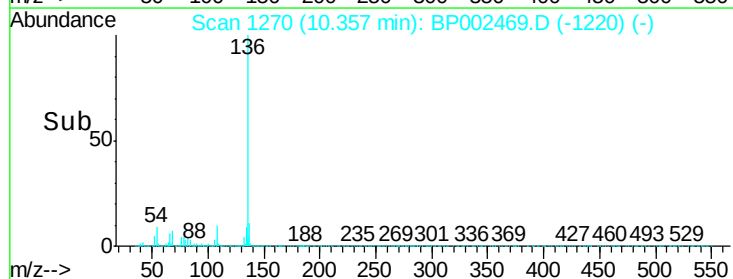
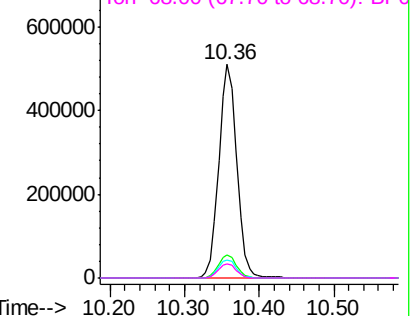


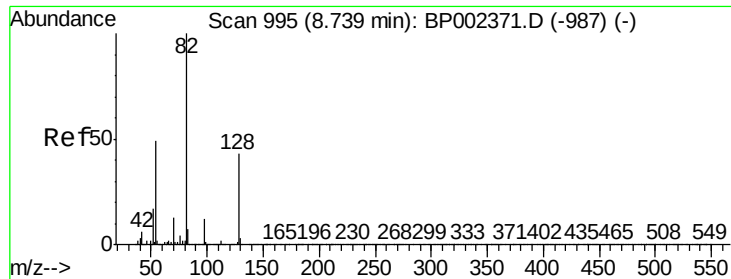
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

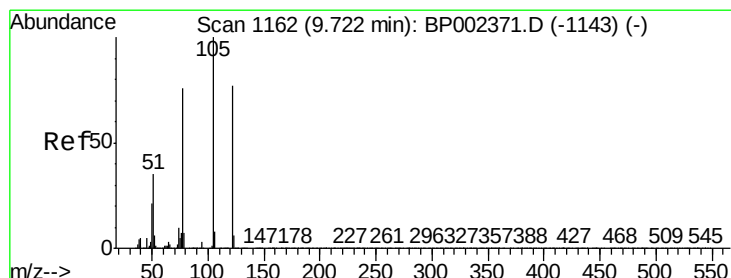
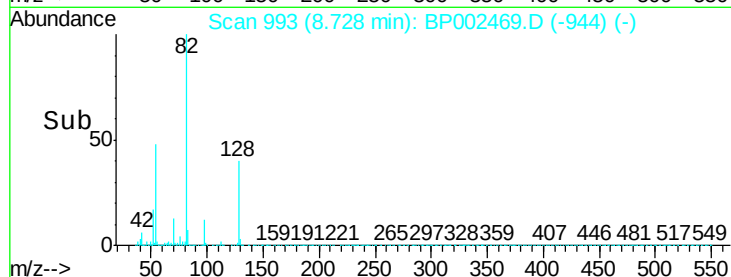
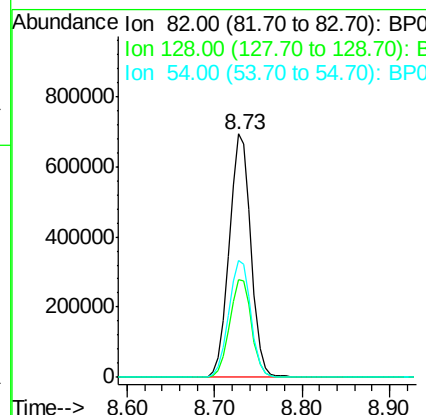
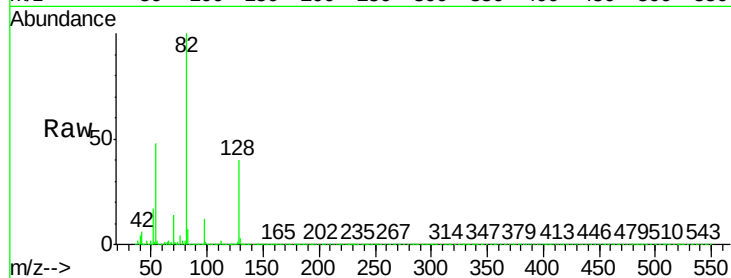




#23
 Nitrobenzene-d5
 Concen: 81.847 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BP002469.D
 Acq: 19 Jun 2020 21:08

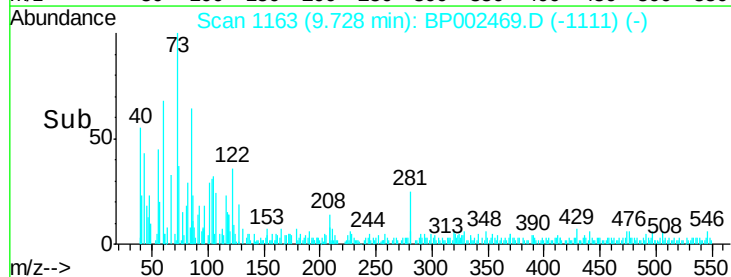
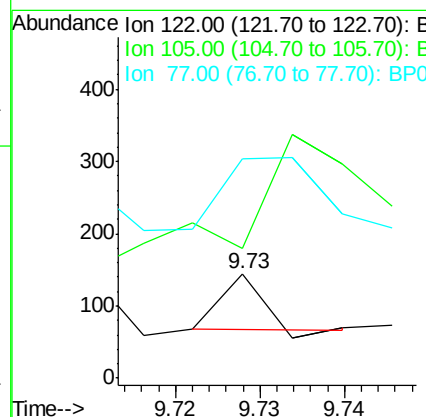
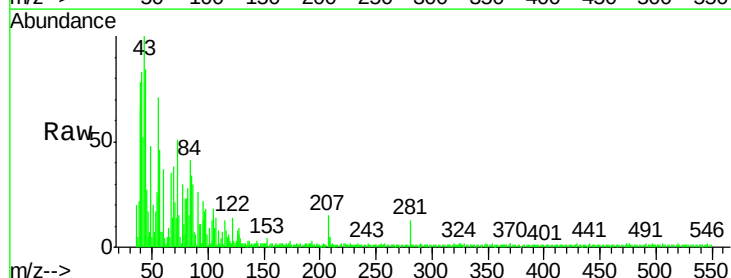
Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-A-LOT-11

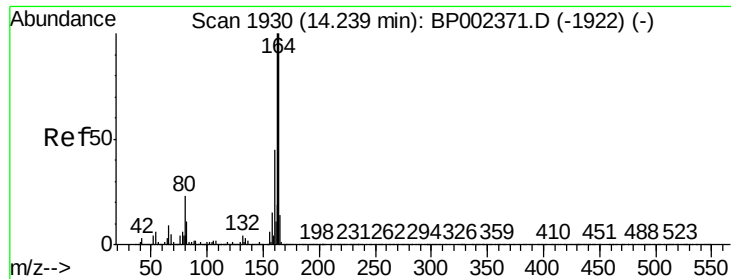
Tot Ion: 82 Resp: 1178121
 Ion Ratio Lower Upper
 82 100
 128 39.9 34.5 51.7
 54 48.3 39.4 59.2



#32
 Benzoic acid
 Concen: 4.601 ng
 RT: 9.73 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BP002469.D
 Acq: 19 Jun 2020 21:08

Tgt Ion:122 Resp: 24
 Ion Ratio Lower Upper
 122 100
 105 123.4 106.3 146.3
 77 209.7 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: BP002469.D

Acq: 19 Jun 2020 21:08

Instrument :

BNA_P

ClientSampleId :

SAMPLE-A-LOT-11

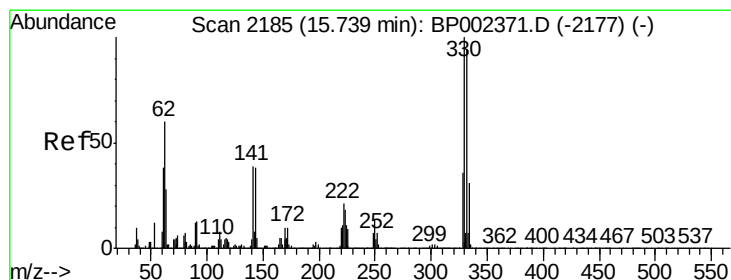
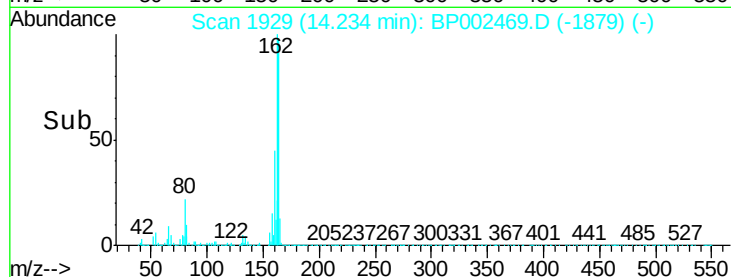
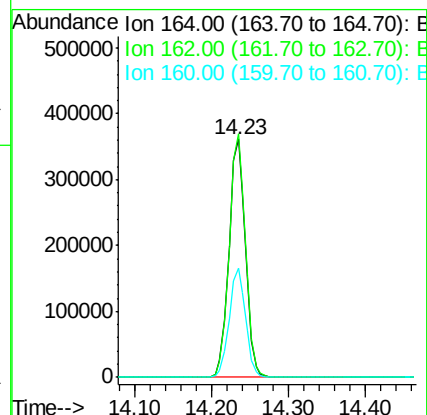
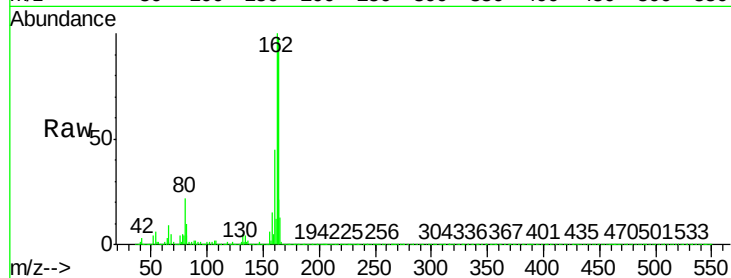
Tot Ion:164 Resp: 538571

Ion Ratio Lower Upper

164 100

162 102.1 79.8 119.8

160 45.8 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 126.050 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002469.D

Acq: 19 Jun 2020 21:08

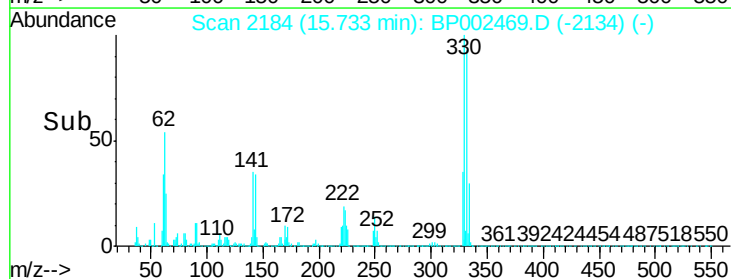
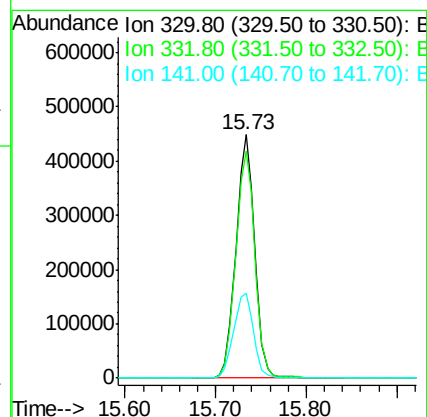
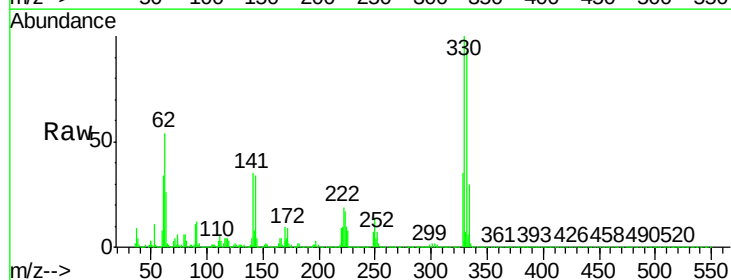
Tgt Ion:330 Resp: 649967

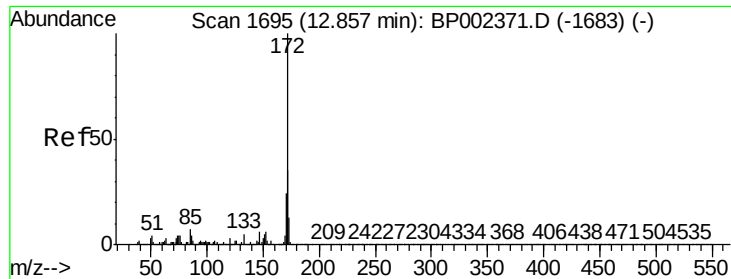
Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

141 36.7 30.3 45.5

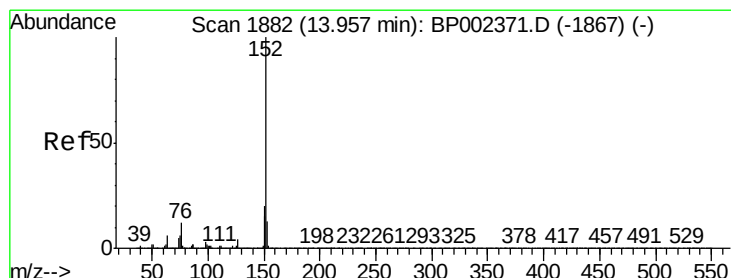
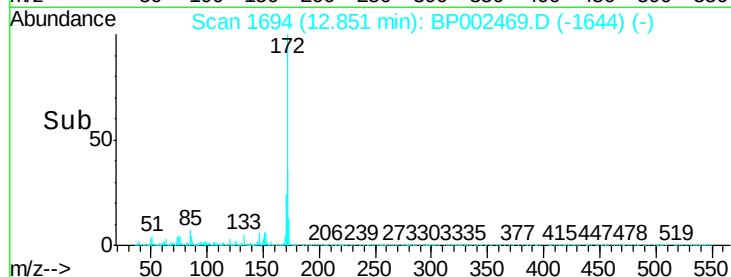
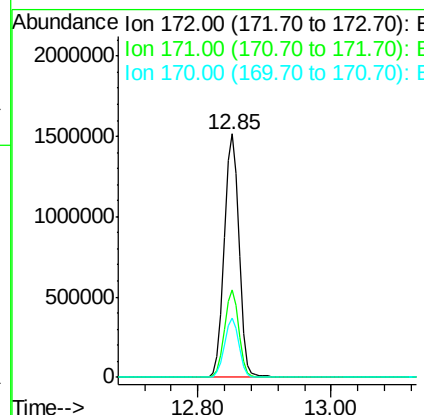
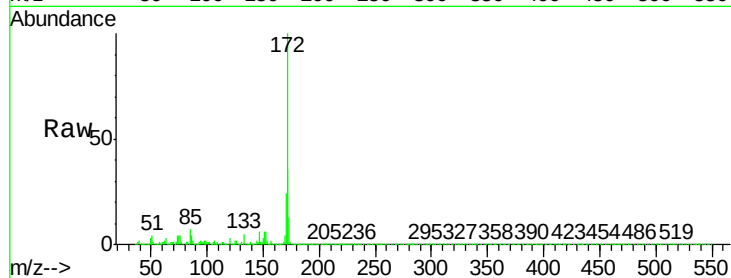




#45
2-Fluorobiphenyl
Concen: 74.754 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002469.D
Acq: 19 Jun 2020 21:08

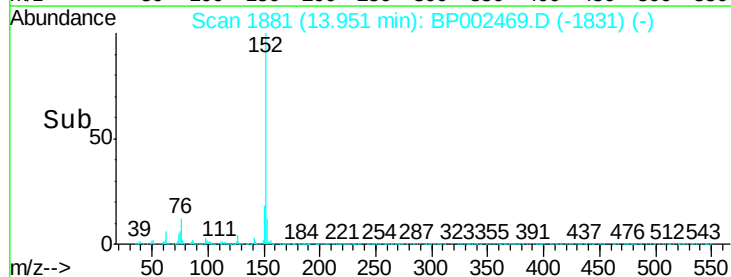
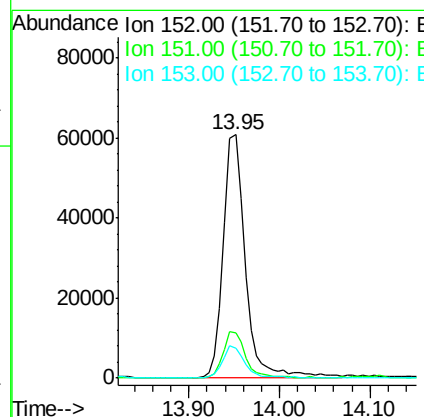
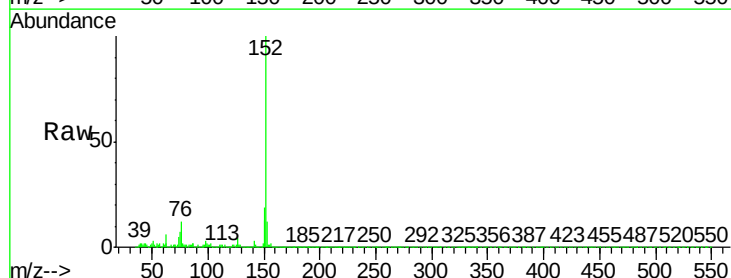
Instrument :
BNA_P
ClientSampleId :
SAMPLE-A-LOT-11

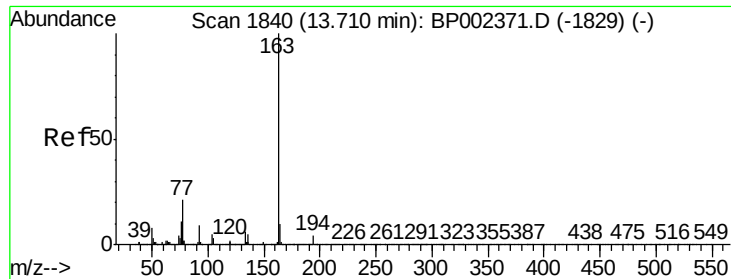
Tot Ion:172 Resp: 2394433
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.8
170 24.4 19.0 28.6



#49
Acenaphthylene
Concen: 2.225 ng
RT: 13.95 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BP002469.D
Acq: 19 Jun 2020 21:08

Tgt Ion:152 Resp: 102511
Ion Ratio Lower Upper
152 100
151 18.6 15.7 23.5
153 12.4 10.5 15.7

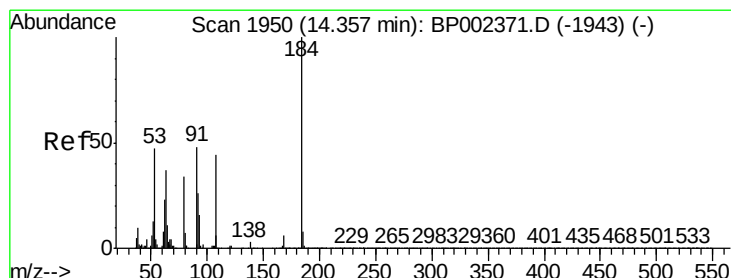
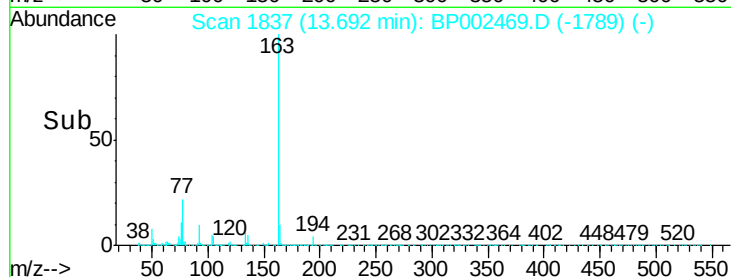
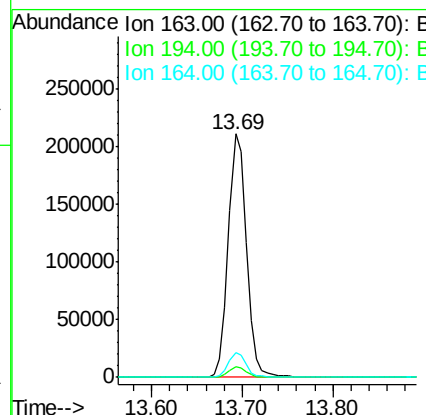
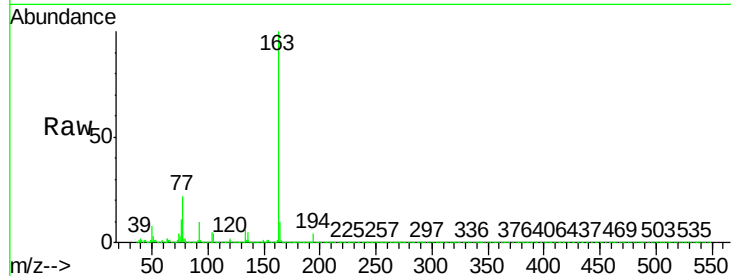




#50
Dimethylphthalate
Concen: 7.972 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BP002469.D
Acq: 19 Jun 2020 21:08

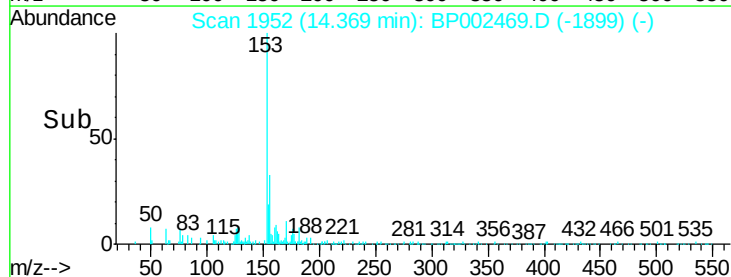
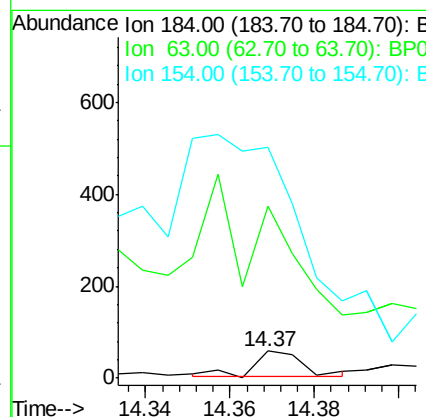
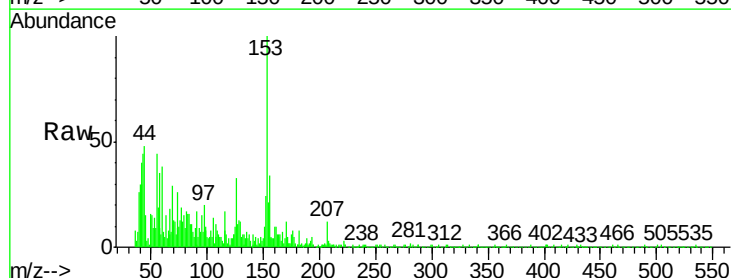
Instrument :
BNA_P
ClientSampleId :
SAMPLE-A-LOT-11

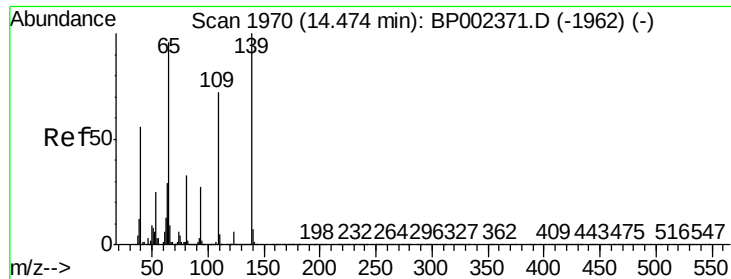
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.2	8.1	12.1



#54
2,4-Dinitrophenol
Concen: 2.795 ng
RT: 14.37 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BP002469.D
Acq: 19 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	643.1	52.3	78.5#
154	865.5	48.6	72.8#

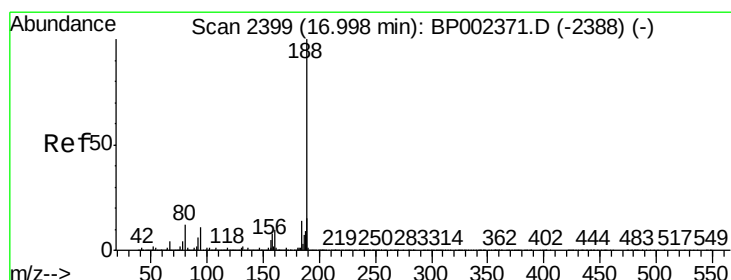
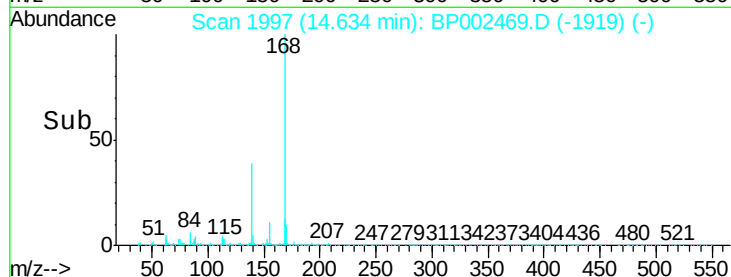
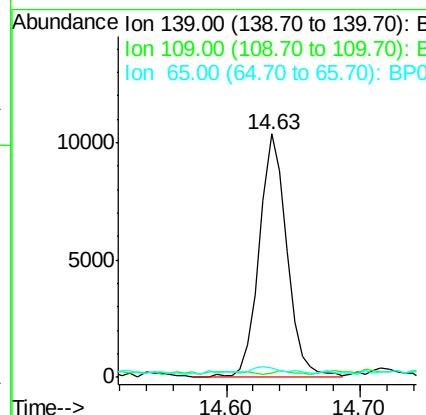
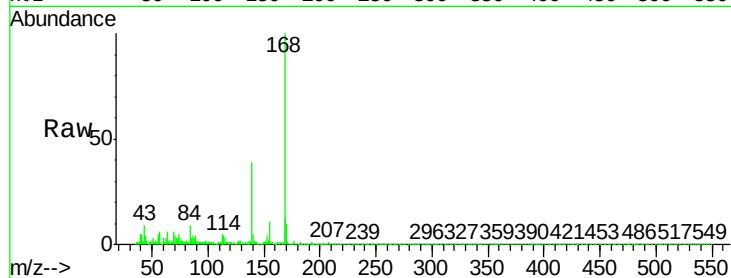




#56
4-Nitrophenol
Concen: 2.028 ng
RT: 14.63 min Scan# 1997
Delta R.T. 0.16 min
Lab File: BP002469.D
Acq: 19 Jun 2020 21:08

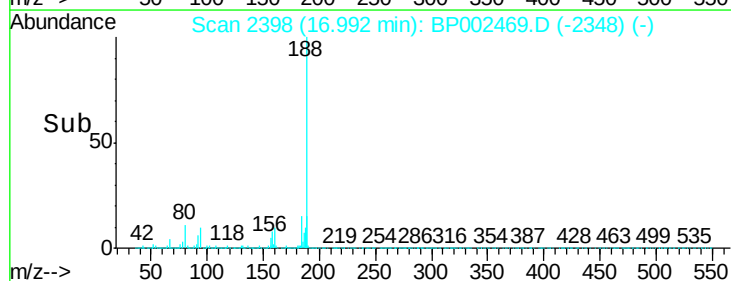
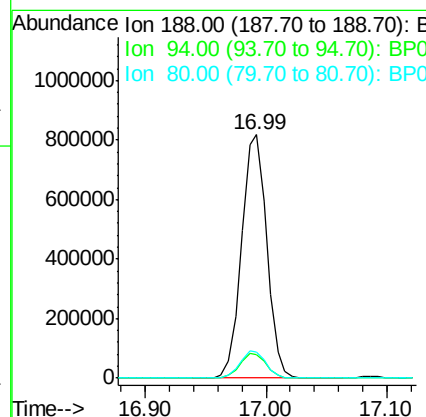
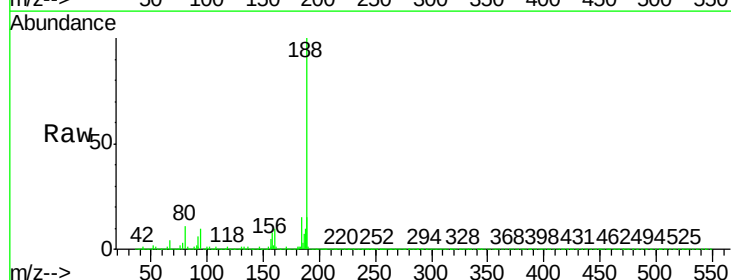
Instrument :
BNA_P
ClientSampleId :
SAMPLE-A-LOT-11

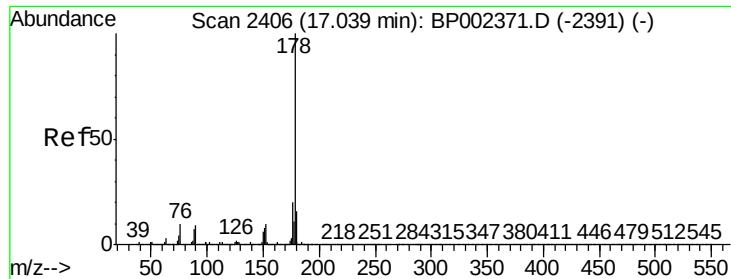
Tot Ion:139 Resp: 14733
Ion Ratio Lower Upper
139 100
109 1.8 52.0 92.0#
65 4.0 76.3 116.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002469.D
Acq: 19 Jun 2020 21:08

Tgt Ion:188 Resp: 1194607
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.7 9.4 14.0

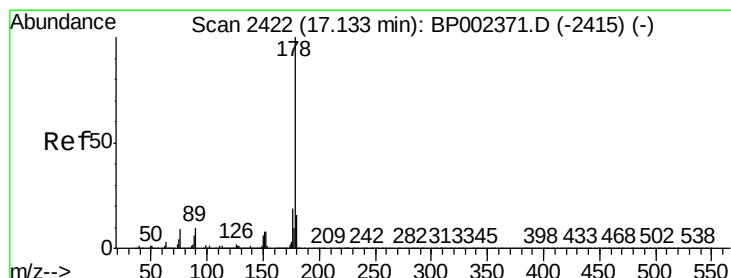
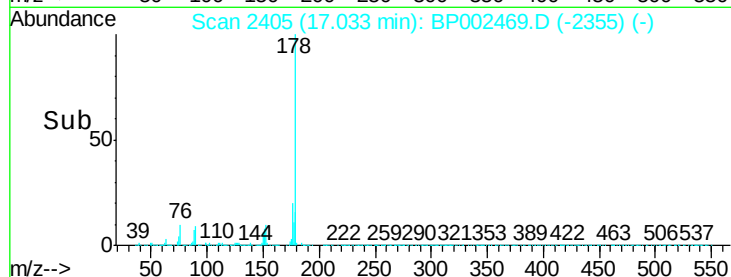
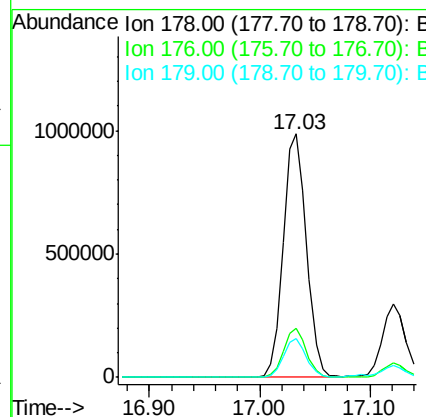
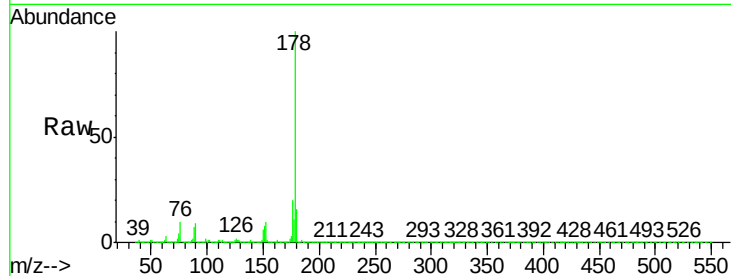




#71
Phenanthrene
Concen: 25.622 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP002469.D
Acq: 19 Jun 2020 21:08

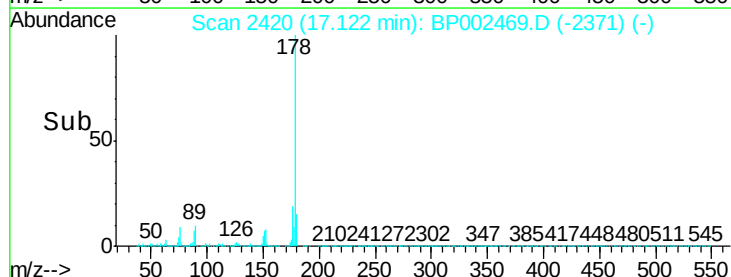
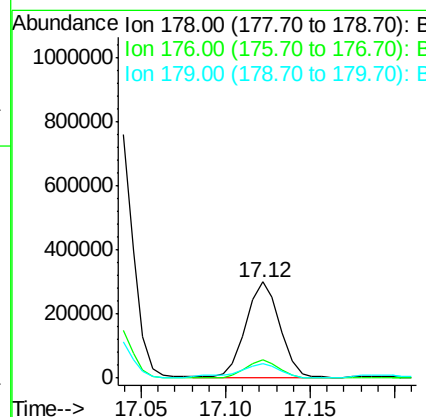
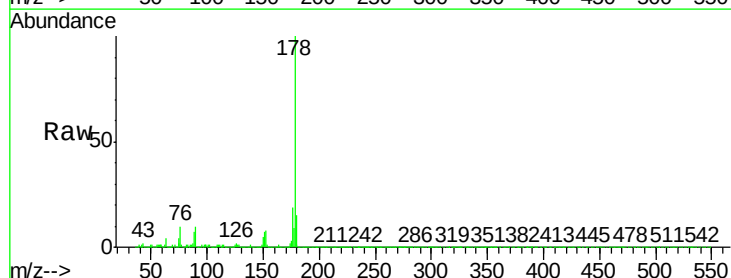
Instrument :
BNA_P
ClientSampleId :
SAMPLE-A-LOT-11

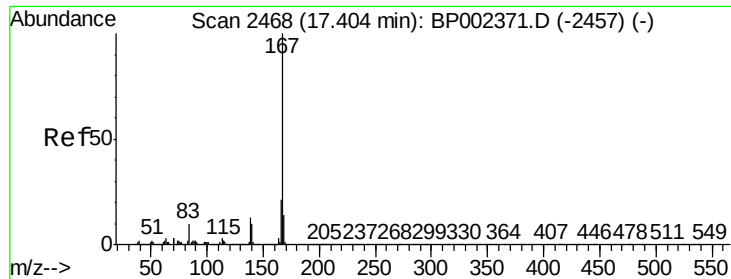
Tot Ion:178 Resp: 1431798
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 15.7 12.5 18.7



#72
Anthracene
Concen: 7.560 ng
RT: 17.12 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BP002469.D
Acq: 19 Jun 2020 21:08

Tgt Ion:178 Resp: 419660
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.3 13.0 19.4

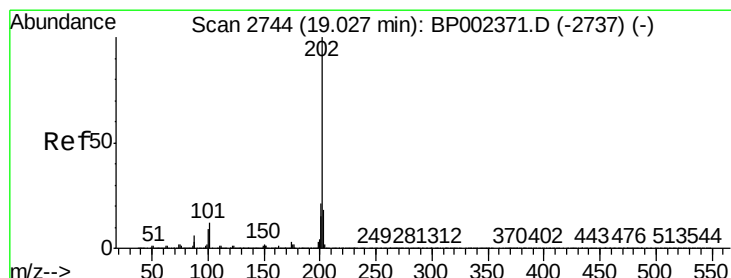
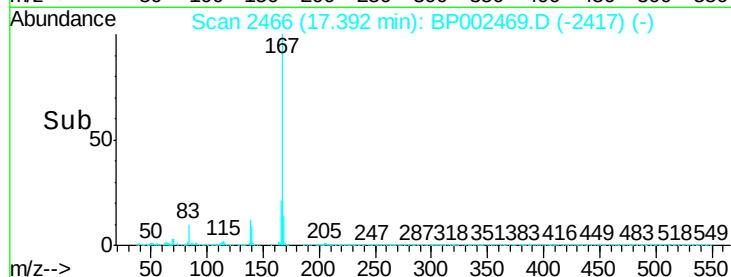
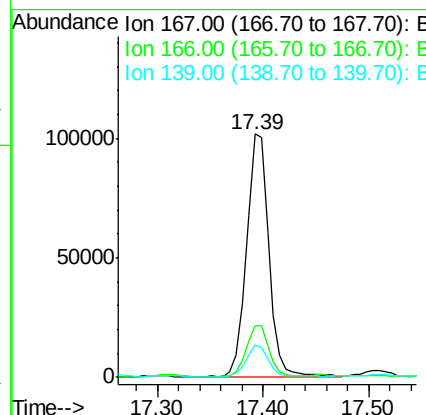
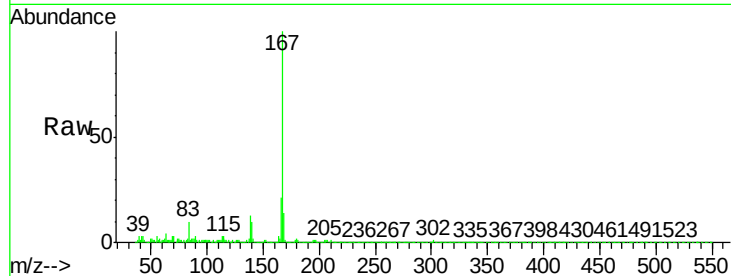




#73
 Carbazole
 Concen: 2.710 ng
 RT: 17.39 min Scan# 2466
 Delta R.T. -0.01 min
 Lab File: BP002469.D
 Acq: 19 Jun 2020 21:08

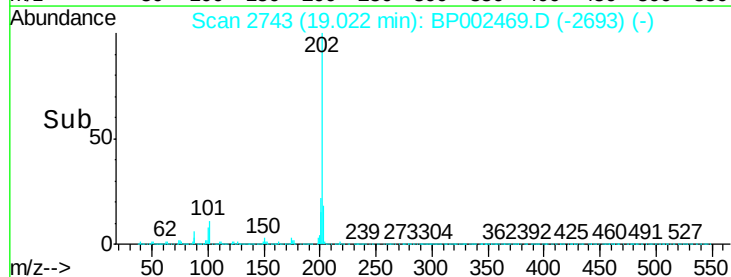
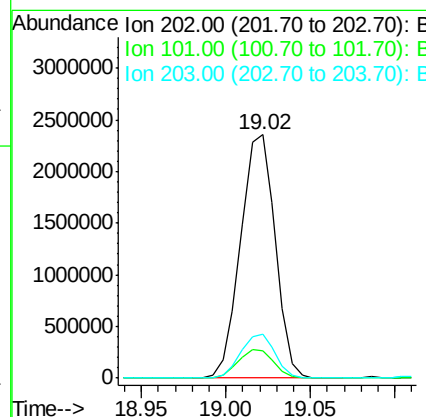
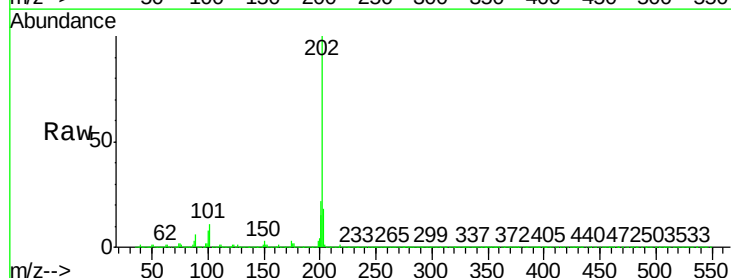
Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-A-LOT-11

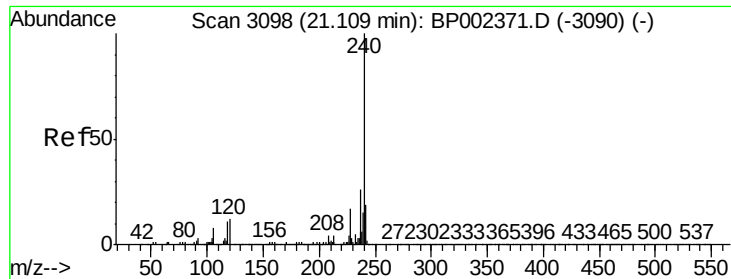
Tot Ion:167 Resp: 147998
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 13.3 10.3 15.5



#75
 Fluoranthene
 Concen: 50.381 ng
 RT: 19.02 min Scan# 2743
 Delta R.T. -0.01 min
 Lab File: BP002469.D
 Acq: 19 Jun 2020 21:08

Tgt Ion:202 Resp: 3360587
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 31.8
 203 18.2 0.0 38.0

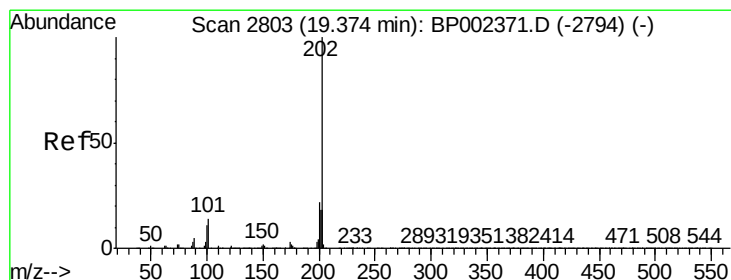
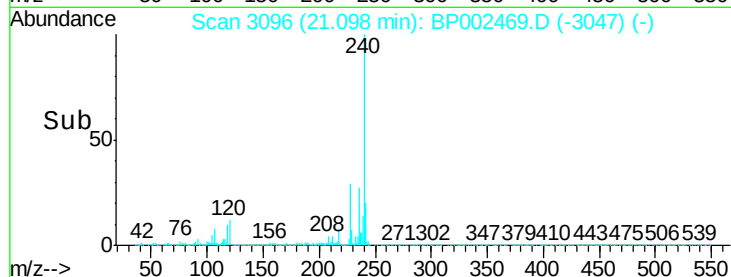
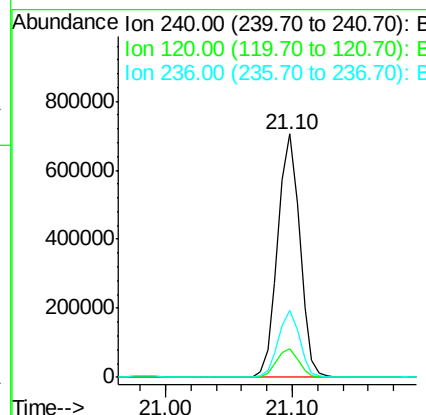
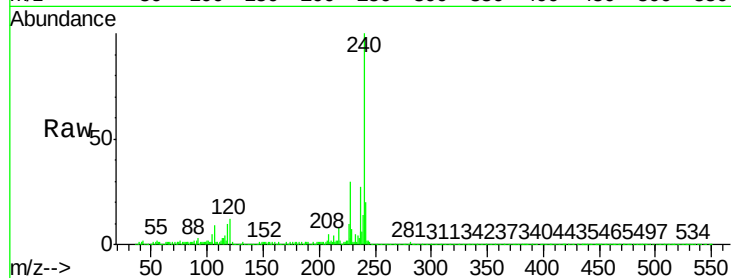




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BP002469.D
Acq: 19 Jun 2020 21:08

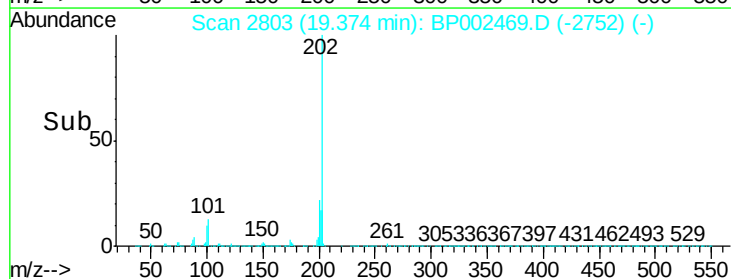
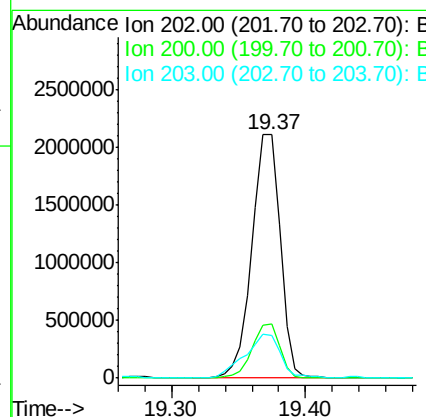
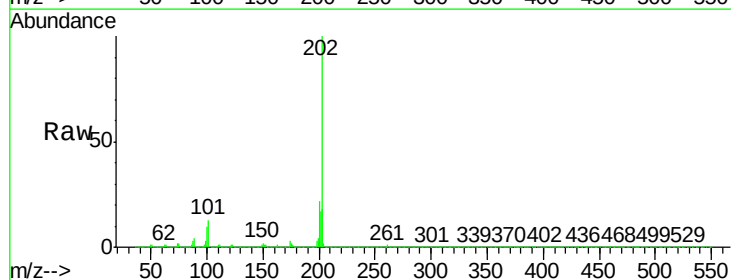
Instrument :
BNA_P
ClientSampleId :
SAMPLE-A-LOT-11

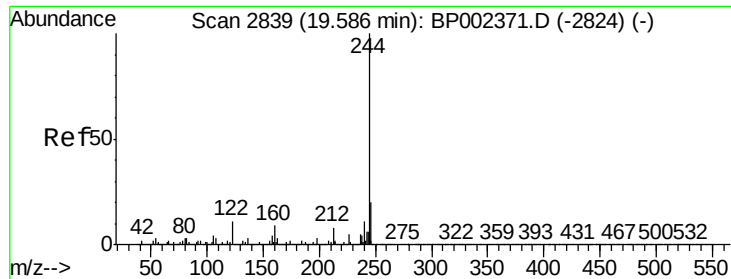
Tot Ion:240 Resp: 855993
Ion Ratio Lower Upper
240 100
120 11.9 9.3 13.9
236 27.5 21.0 31.6



#78
Pyrene
Concen: 59.066 ng
RT: 19.37 min Scan# 2803
Delta R.T. 0.00 min
Lab File: BP002469.D
Acq: 19 Jun 2020 21:08

Tgt Ion:202 Resp: 3096951
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 17.6 14.6 22.0





#79

Terphenyl-d14

Concen: 99.193 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002469.D

Acq: 19 Jun 2020 21:08

Instrument :

BNA_P

ClientSampleId :

SAMPLE-A-LOT-11

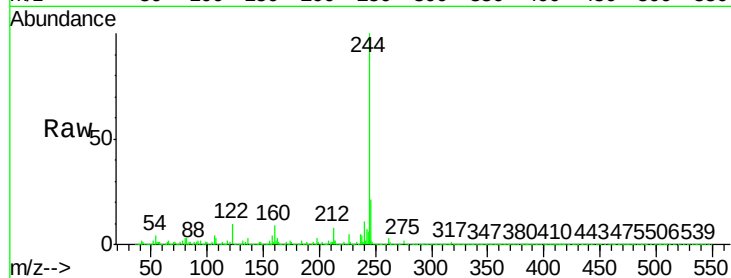
Tot Ion:244 Resp: 3149014

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

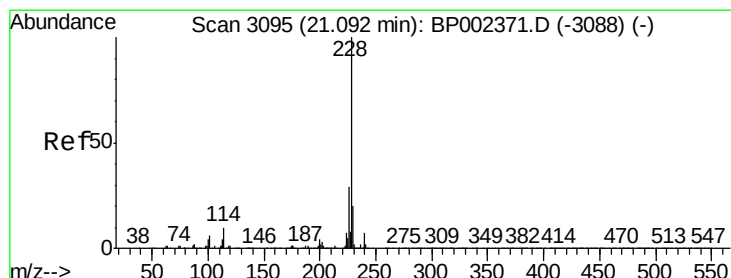
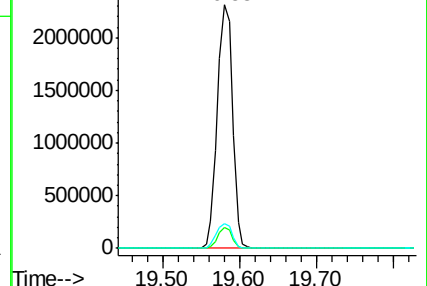
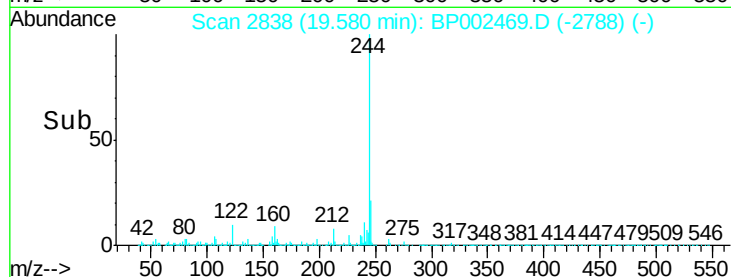
122 10.3 8.8 13.2



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: 31.741 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BP002469.D

Acq: 19 Jun 2020 21:08

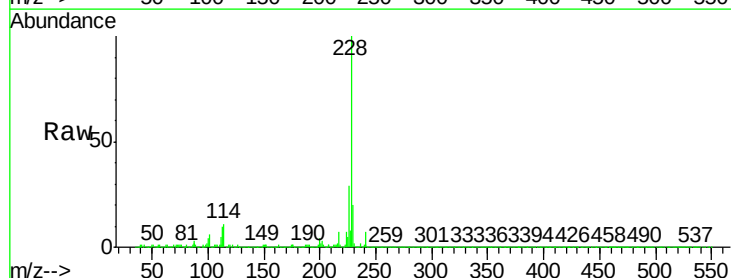
Tgt Ion:228 Resp: 1550853

Ion Ratio Lower Upper

228 100

226 28.7 22.8 34.2

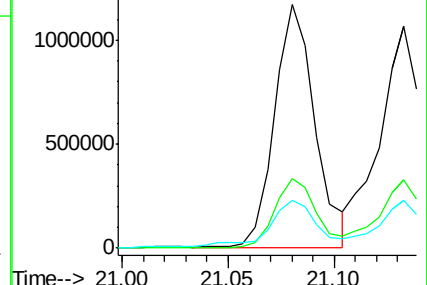
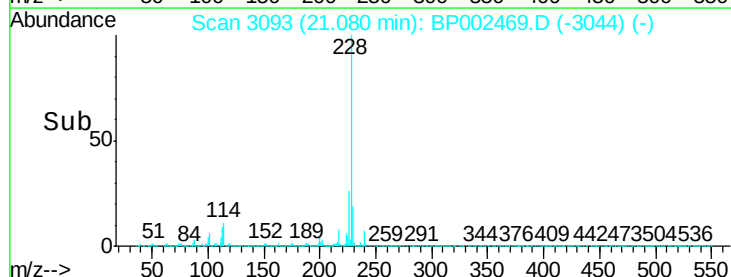
229 19.5 16.2 24.2

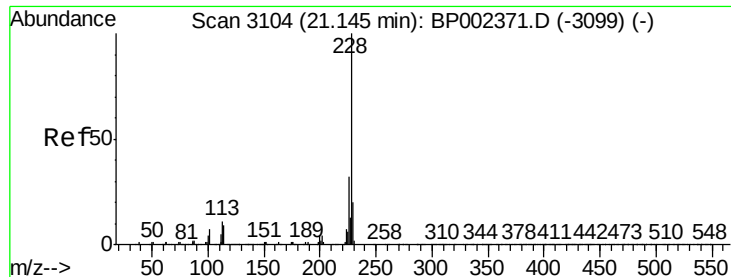


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

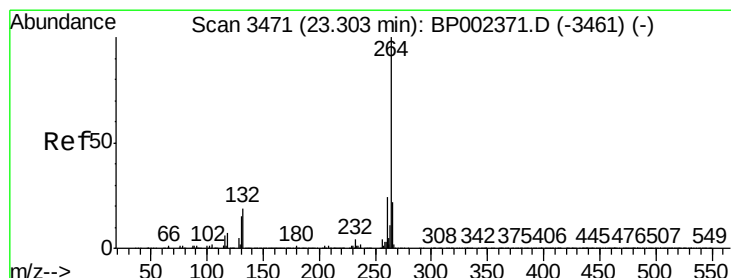
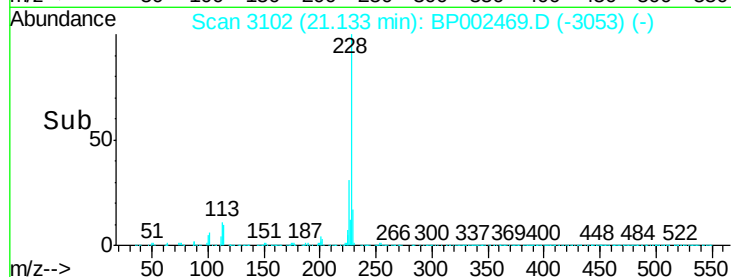
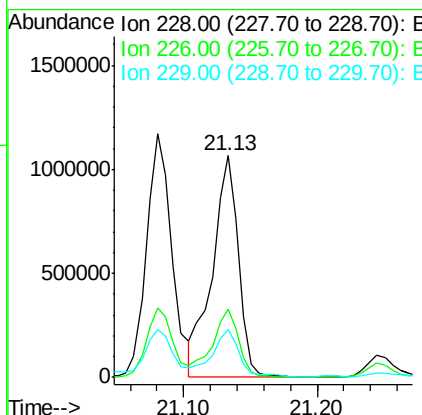
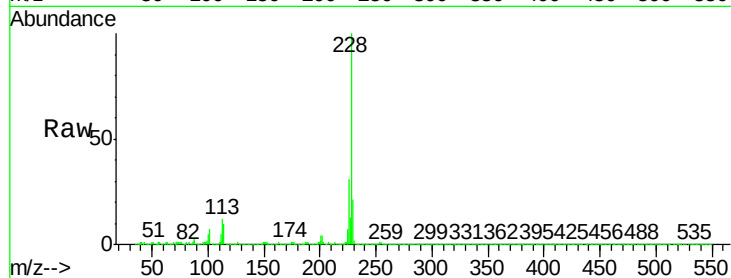




#83
Chrysene
Concen: 31.437 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP002469.D
Acq: 19 Jun 2020 21:08

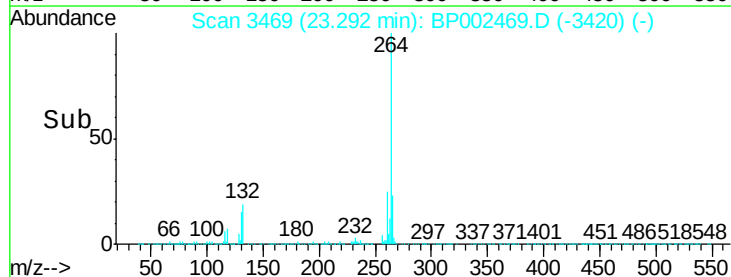
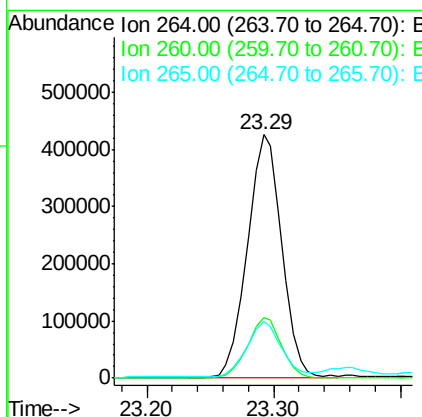
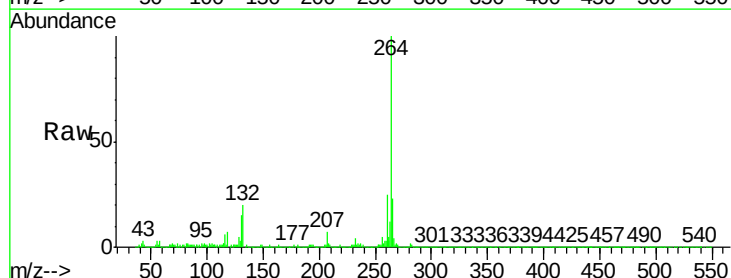
Instrument :
BNA_P
ClientSampleId :
SAMPLE-A-LOT-11

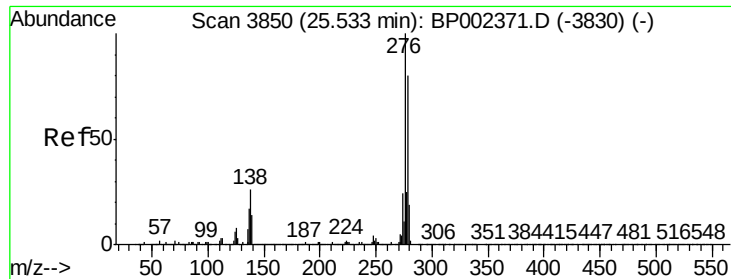
Tot Ion:228 Resp: 1455241
Ion Ratio Lower Upper
228 100
226 31.0 25.2 37.8
229 21.3 16.1 24.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BP002469.D
Acq: 19 Jun 2020 21:08

Tgt Ion:264 Resp: 797536
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.0
265 23.2 17.4 26.2

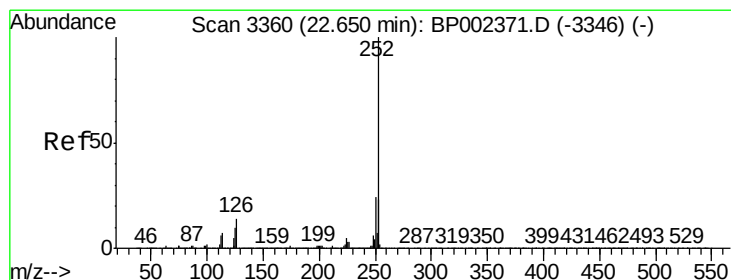
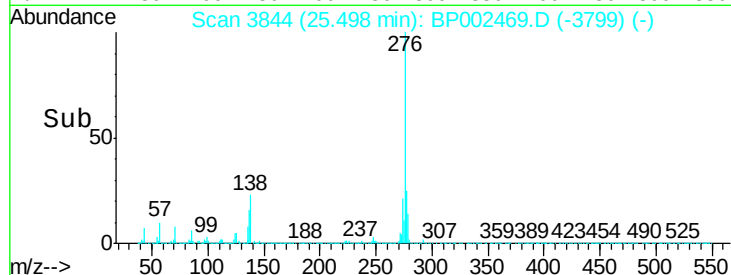
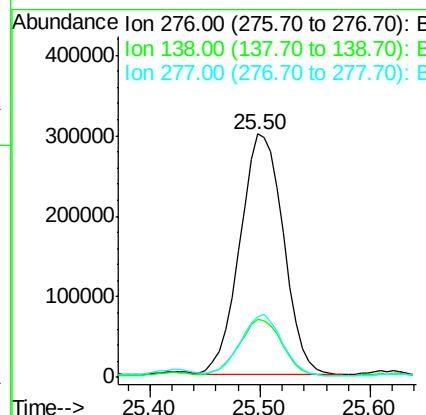
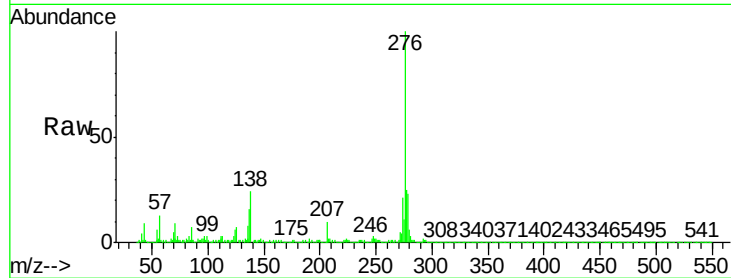




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 16.618 ng
 RT: 25.50 min Scan# 3844
 Delta R.T. -0.03 min
 Lab File: BP002469.D
 Acq: 19 Jun 2020 21:08

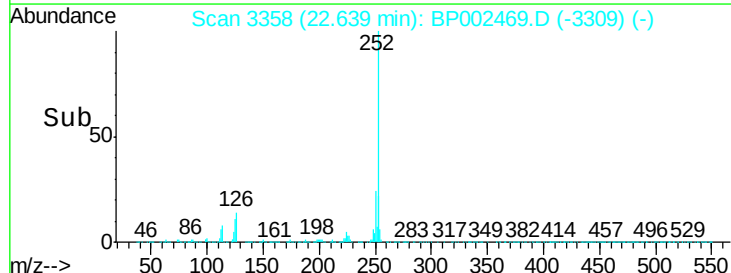
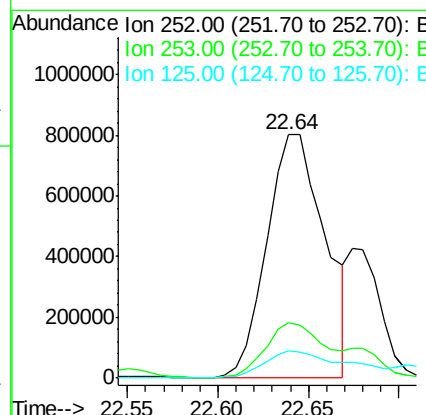
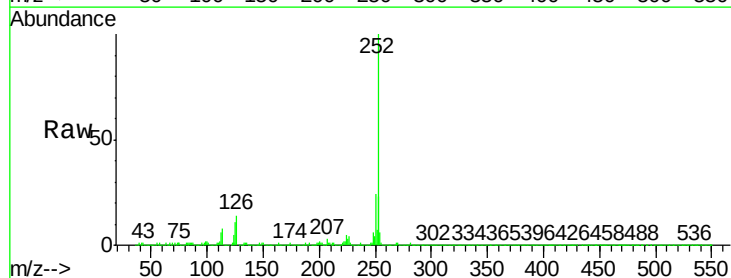
Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-A-LOT-11

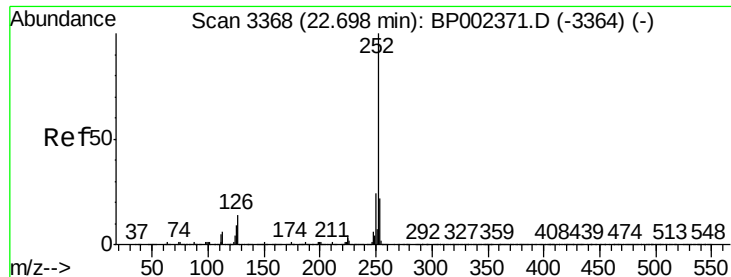
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	21.2	31.8
277	24.6	20.3	30.5



#88
 Benzo(b)fluoranthene
 Concen: 41.558 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BP002469.D
 Acq: 19 Jun 2020 21:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.2	8.2	12.2

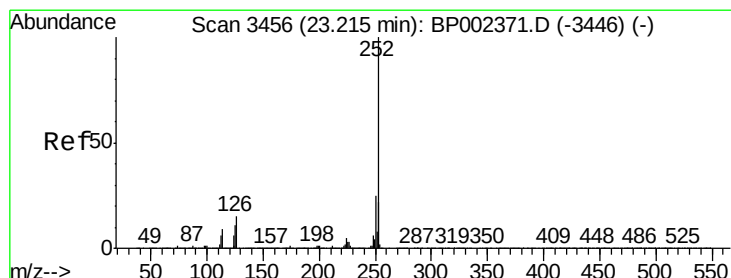
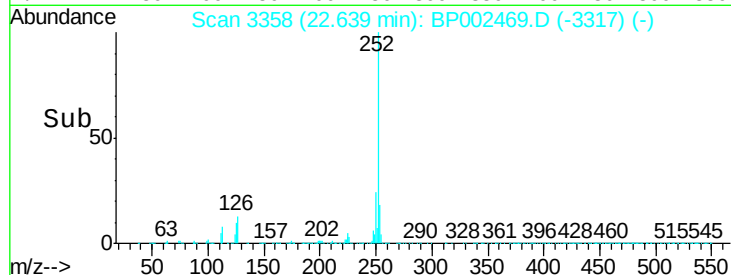
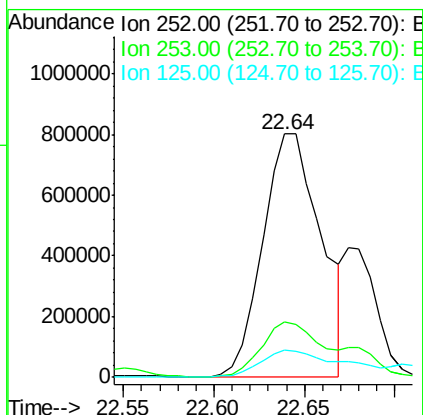
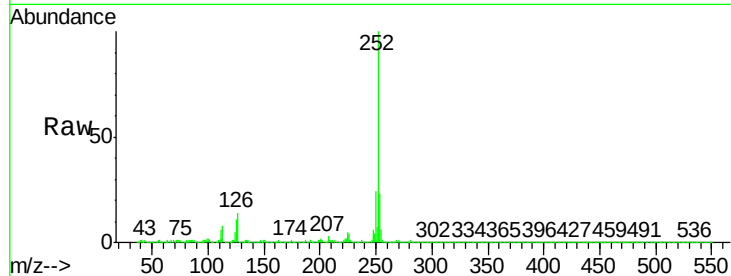




#89
Benzo(k)fluoranthene
Concen: 43.738 ng
RT: 22.64 min Scan# 3358
Delta R.T. -0.06 min
Lab File: BP002469.D
Acq: 19 Jun 2020 21:08

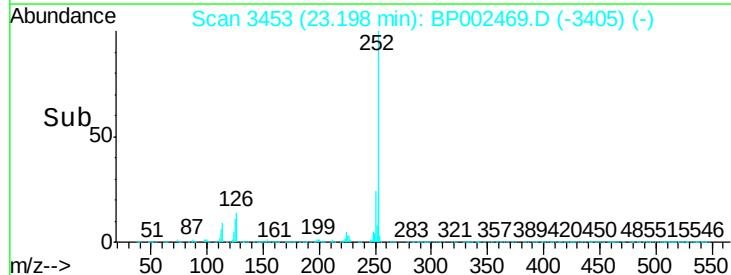
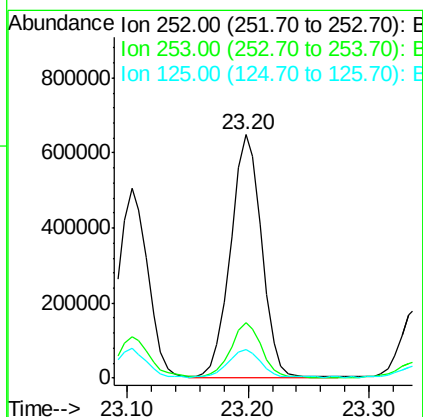
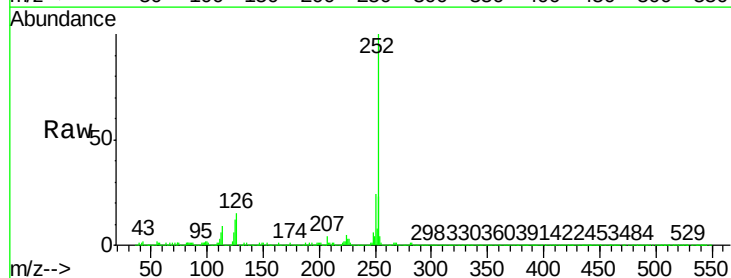
Instrument :
BNA_P
ClientSampleId :
SAMPLE-A-LOT-11

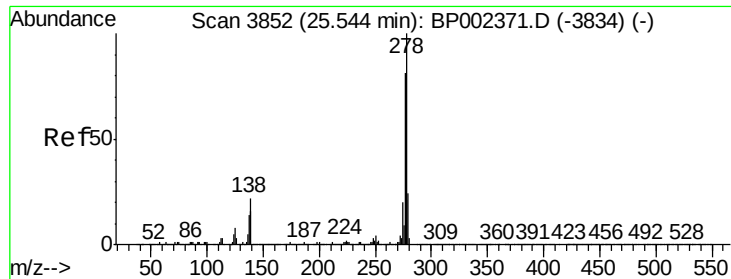
Tot Ion:252 Resp: 1787345
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.2 7.8 11.8



#90
Benzo(a)pyrene
Concen: 28.700 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BP002469.D
Acq: 19 Jun 2020 21:08

Tgt Ion:252 Resp: 1156762
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.9 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 4.186 ng

RT: 25.76 min Scan# 3889

Delta R.T. 0.22 min

Lab File: BP002469.D

Acq: 19 Jun 2020 21:08

Instrument :

BNA_P

ClientSampleId :

SAMPLE-A-LOT-11

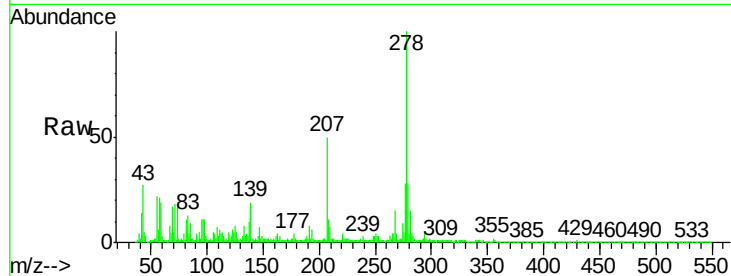
Tot Ion:278 Resp: 167499

Ion Ratio Lower Upper

278 100

139 18.8 13.1 19.7

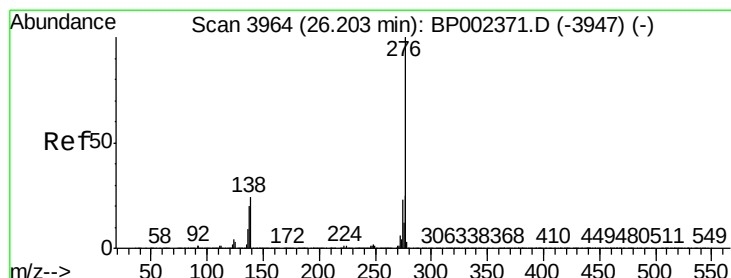
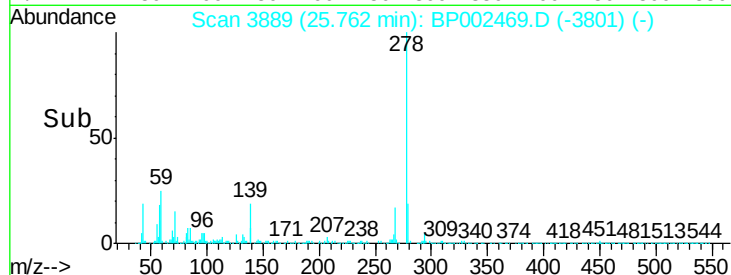
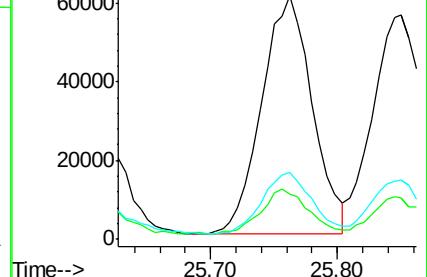
279 27.5 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 19.472 ng

RT: 26.17 min Scan# 3959

Delta R.T. -0.03 min

Lab File: BP002469.D

Acq: 19 Jun 2020 21:08

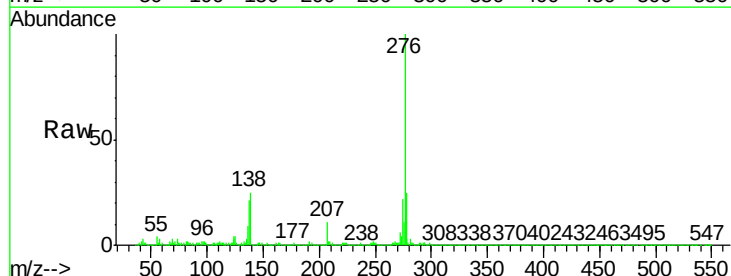
Tgt Ion:276 Resp: 806954

Ion Ratio Lower Upper

276 100

277 24.9 19.8 29.6

138 24.5 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

