

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
 Data File : BP003279.D
 Acq On : 14 Sep 2020 21:13
 Operator : CG/JU
 Sample : L3981-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B20-4-6

Quant Time: Sep 15 01:37:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

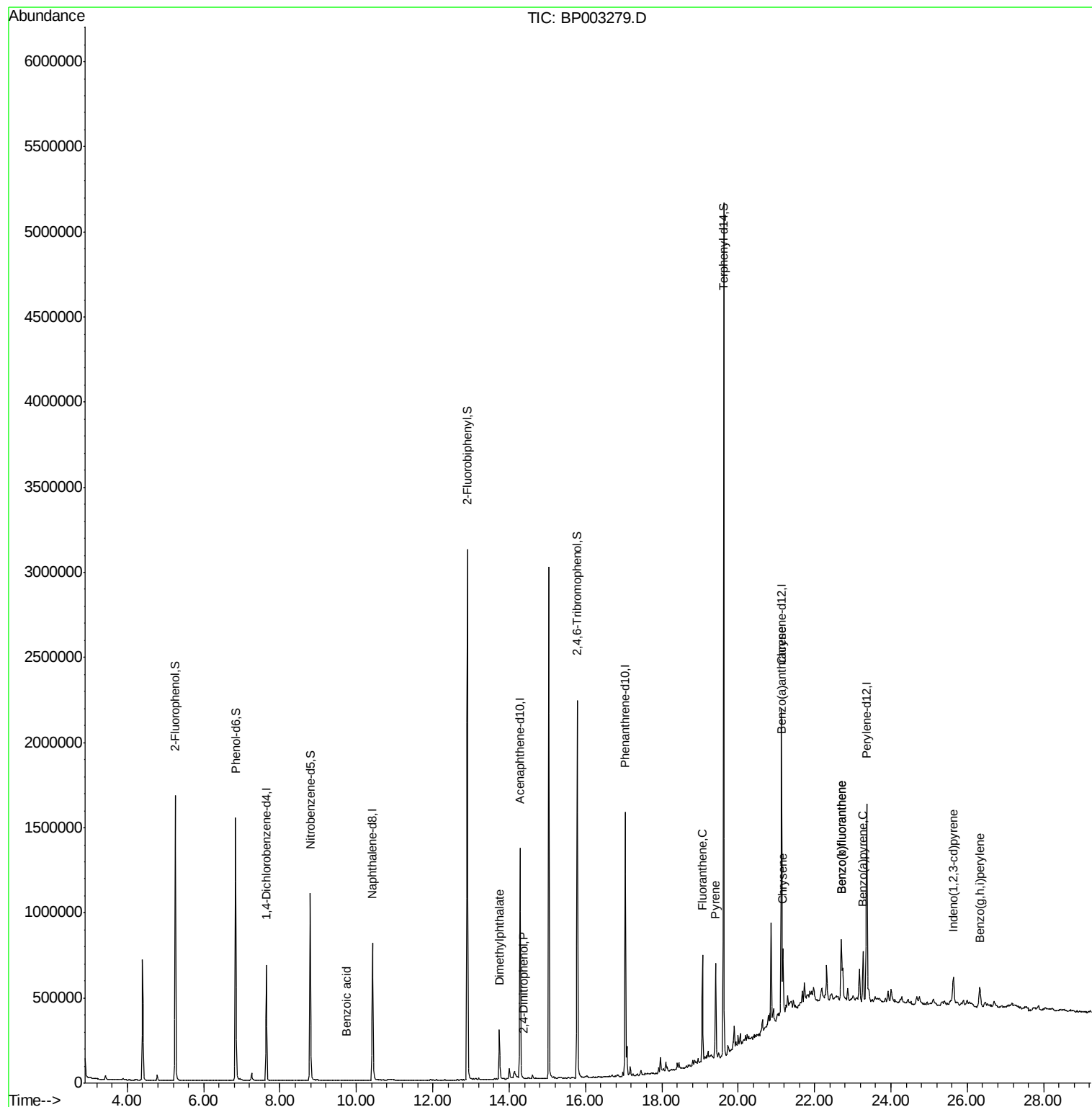
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	201910	20.00	ng	-0.01
21) Naphthalene-d8	10.42	136	806066	20.00	ng	-0.01
39) Acenaphthene-d10	14.29	164	486612	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	985771	20.00	ng	0.00
76) Chrysene-d12	21.13	240	775722	20.00	ng	-0.01
86) Perylene-d12	23.37	264	841676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	870449	76.22	ng	0.00
7) Phenol-d6	6.83	99	1092784	76.33	ng	0.00
23) Nitrobenzene-d5	8.79	82	664261	59.41	ng	-0.01
42) 2,4,6-Tribromophenol	15.79	330	546203	82.99	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	1780221	53.58	ng	-0.01
79) Terphenyl-d14	19.62	244	2129278	60.40	ng	0.00
Target Compounds						
32) Benzoic acid	9.73	122	22	8.999	ng	# 1
50) Dimethylphthalate	13.75	163	239946	6.466	ng	99
54) 2,4-Dinitrophenol	14.39	184	15	7.758	ng	# 1
75) Fluoranthene	19.06	202	382654	6.198	ng	100
78) Pyrene	19.41	202	342521	6.803	ng	99
81) Benzo(a)anthracene	21.12	228	212546	4.374	ng	96
83) Chrysene	21.17	228	215494	4.632	ng	97
87) Indeno(1,2,3-cd)pyrene	25.64	276	156583	2.495	ng	96
88) Benzo(b)fluoranthene	22.70	252	393639	7.525	ng	# 96
89) Benzo(k)fluoranthene	22.70	252	393639	7.876	ng	# 96
90) Benzo(a)pyrene	23.27	252	199174	4.104	ng	97
92) Benzo(a,h,i)perylene	26.33	276	151061	2.919	ng	98

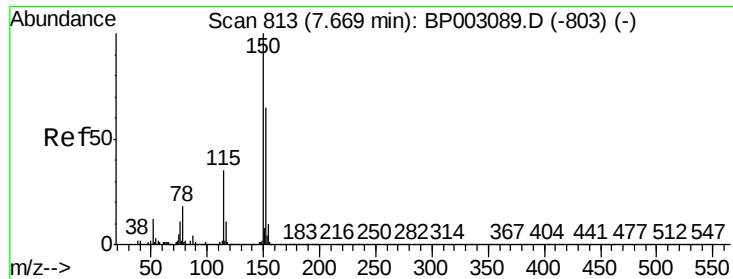
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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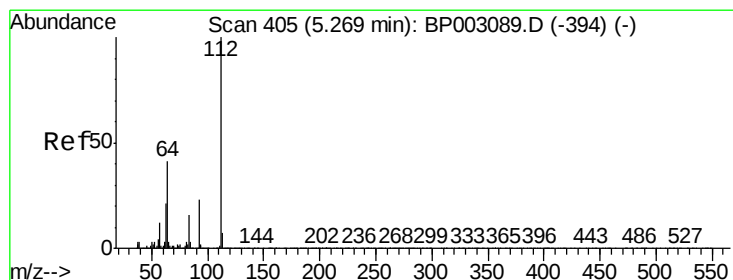
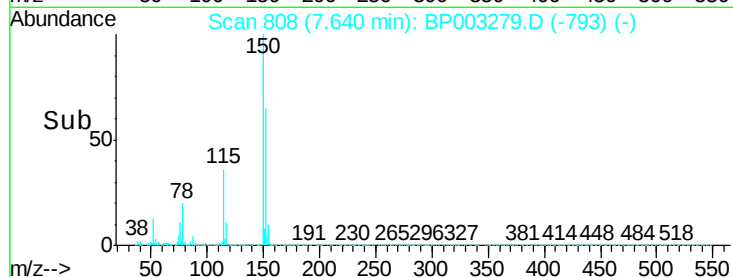
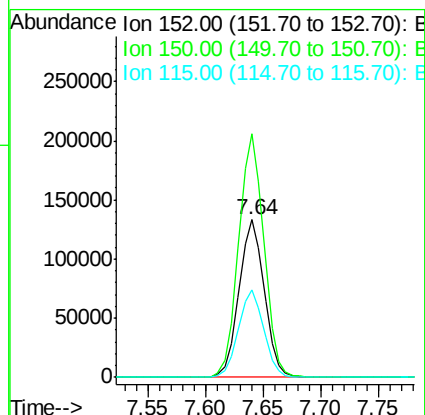
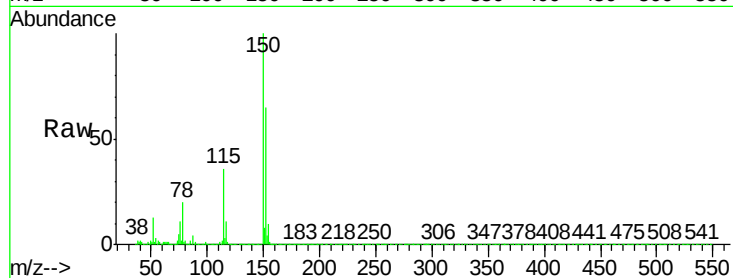


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 808
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Instrument :
BNA_P
ClientSampled :
B20-4-6

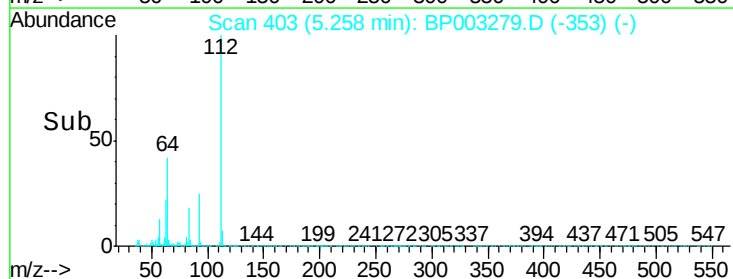
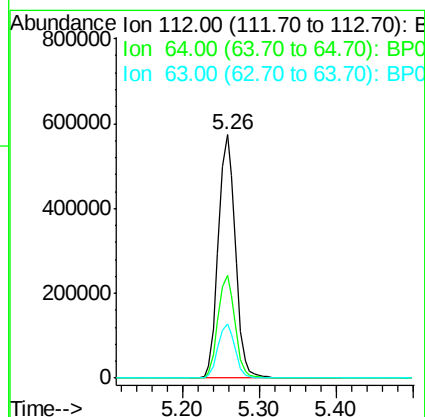
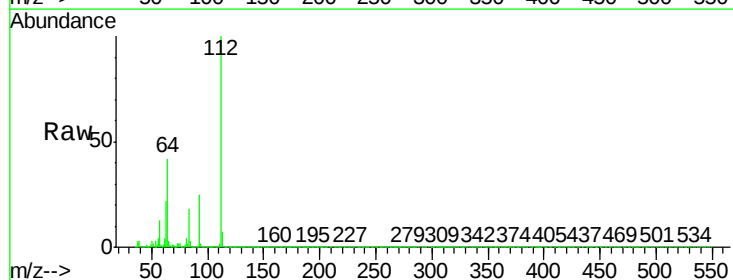
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.8	185.6
115	55.5	43.8	65.6

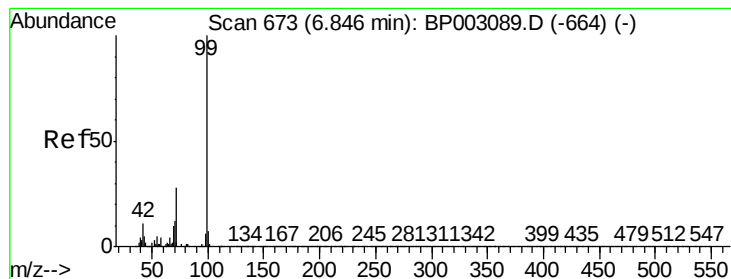


#5

2-Fluorophenol
Concen: 76.221 ng
RT: 5.26 min Scan# 403
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.4	32.8	49.2
63	22.4	17.0	25.4





#7

Phenol-d6

Concen: 76.334 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003279.D

Acq: 14 Sep 2020 21:13

Instrument :

BNA_P

ClientSampleId :

B20-4-6

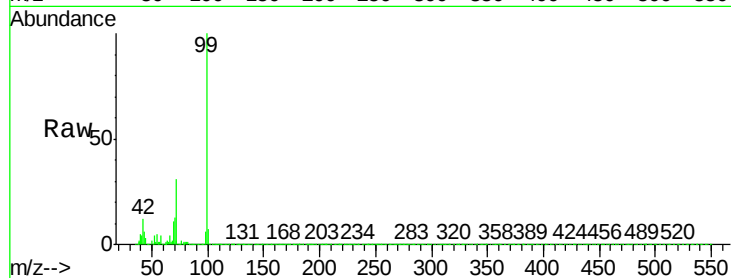
Tot Ion: 99 Resp: 1092784

Ion Ratio Lower Upper

99 100

42 11.7 8.6 13.0

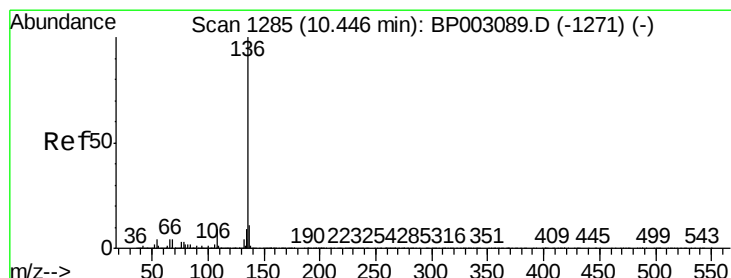
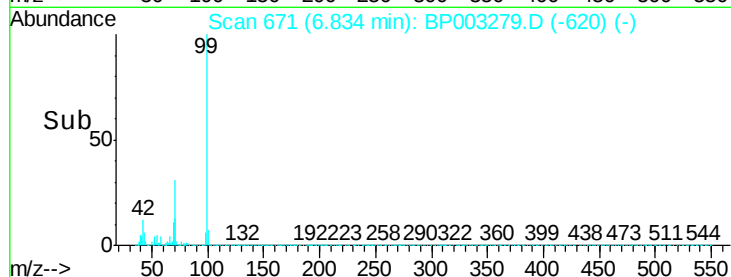
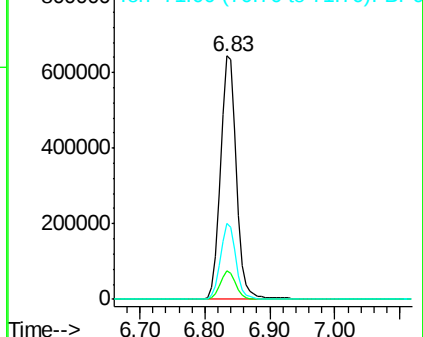
71 31.0 23.4 35.2



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: 10.42 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BP003279.D

Acq: 14 Sep 2020 21:13

Tgt Ion: 136 Resp: 806066

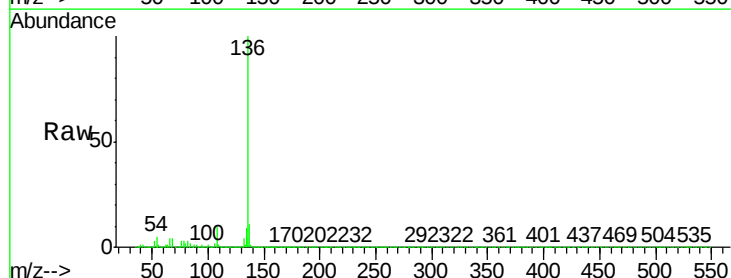
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 4.7 3.6 5.4

68 4.2 3.3 4.9

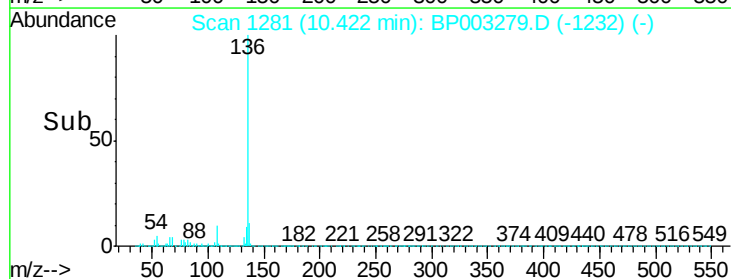
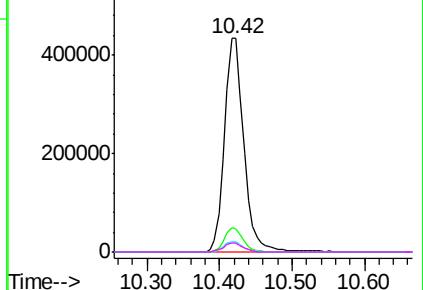


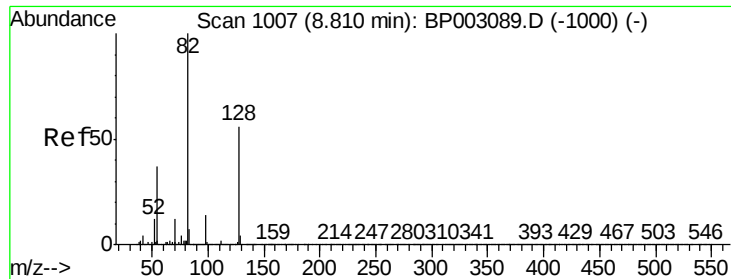
Abundance Ion 136.00 (135.70 to 136.70): E

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

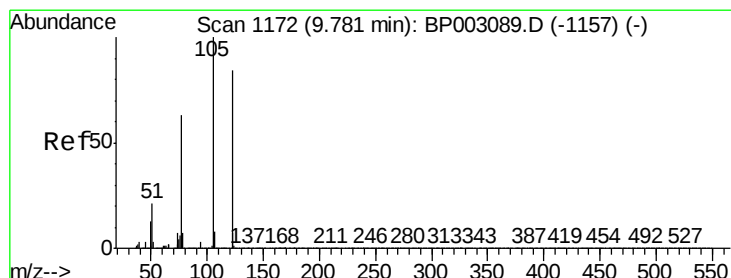
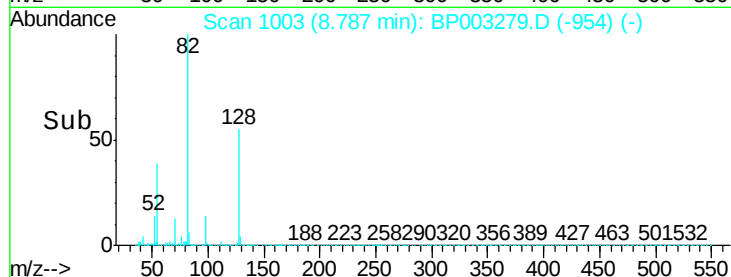
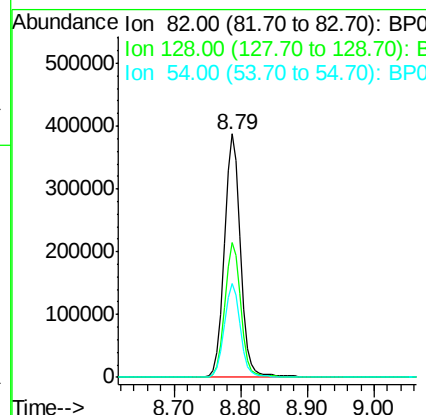
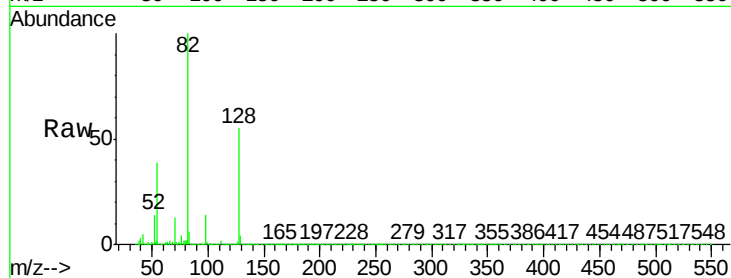




#23
Nitrobenzene-d5
Concen: 59.408 ng
RT: 8.79 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

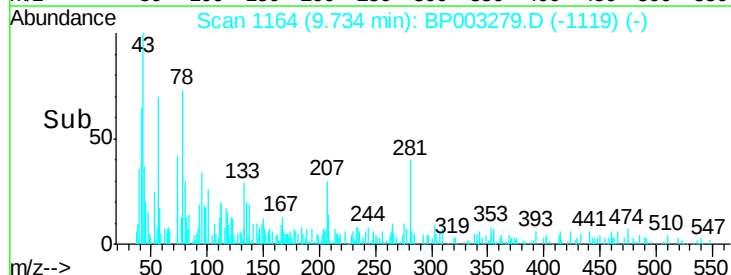
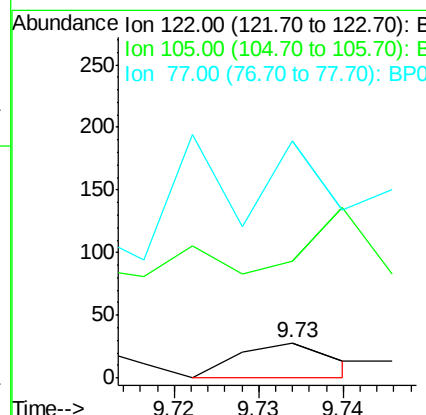
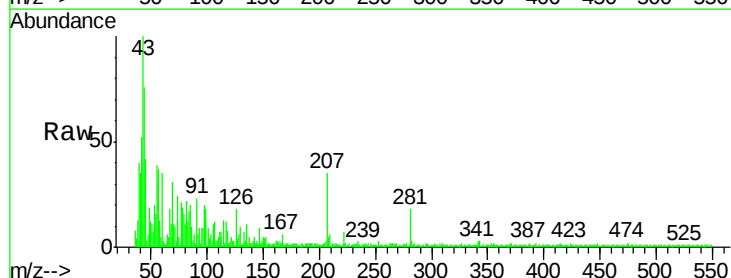
Instrument :
BNA_P
ClientSampleId :
B20-4-6

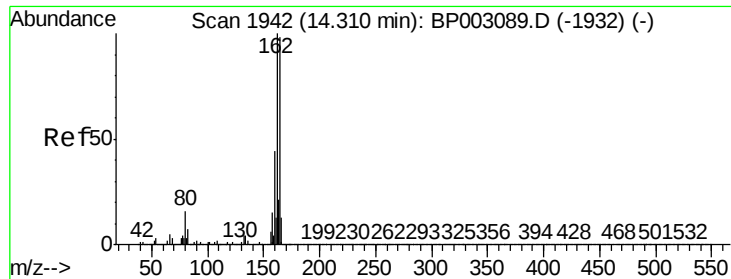
Tot Ion: 82 Resp: 664261
Ion Ratio Lower Upper
82 100
128 55.2 45.6 68.4
54 38.6 30.1 45.1



#32
Benzoic acid
Concen: 8.999 ng
RT: 9.73 min Scan# 1164
Delta R.T. -0.04 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Tgt Ion: 122 Resp: 22
Ion Ratio Lower Upper
122 100
105 332.1 94.1 134.1#
77 675.0 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BP003279.D

Acq: 14 Sep 2020 21:13

Instrument :

BNA_P

ClientSampleId :

B20-4-6

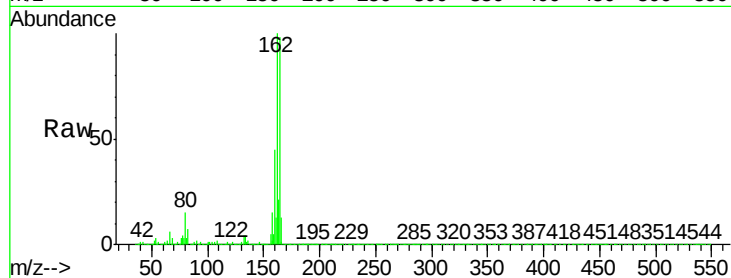
Tot Ion:164 Resp: 486612

Ion Ratio Lower Upper

164 100

162 102.2 79.4 119.2

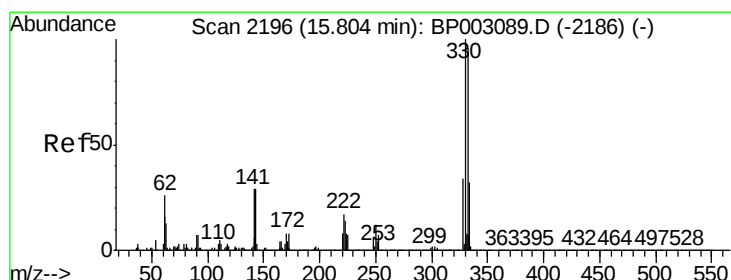
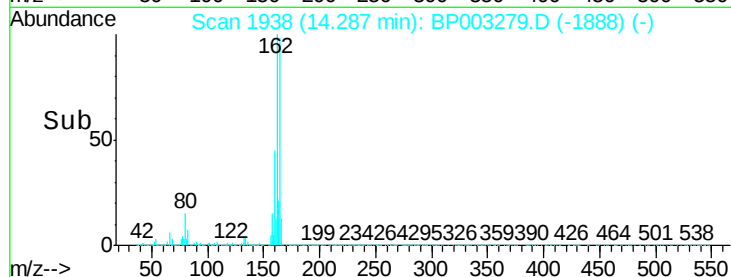
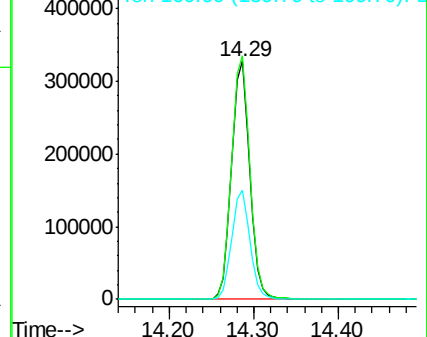
160 45.7 36.1 54.1



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: 82.993 ng

RT: 15.79 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BP003279.D

Acq: 14 Sep 2020 21:13

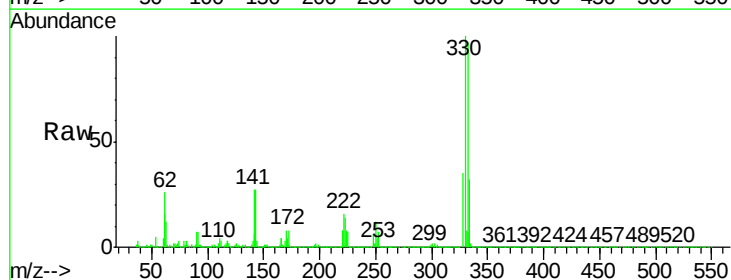
Tgt Ion:330 Resp: 546203

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

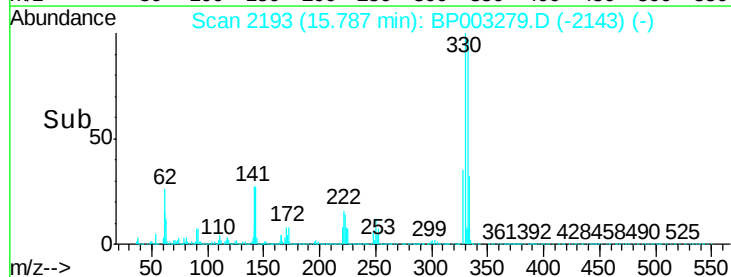
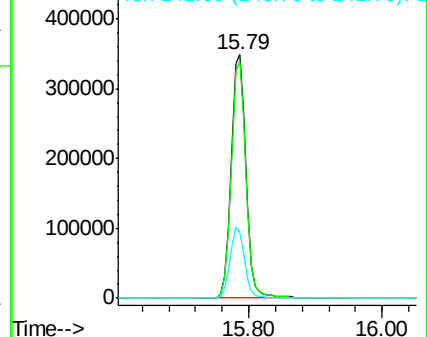
141 28.9 23.4 35.2

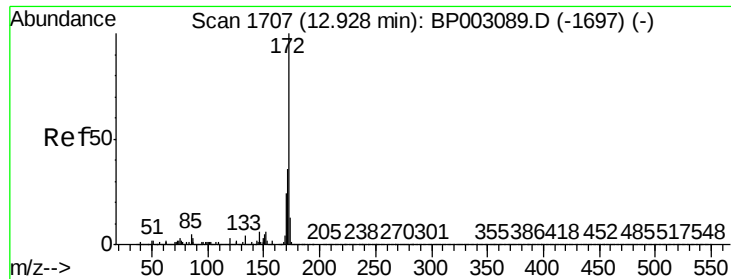


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

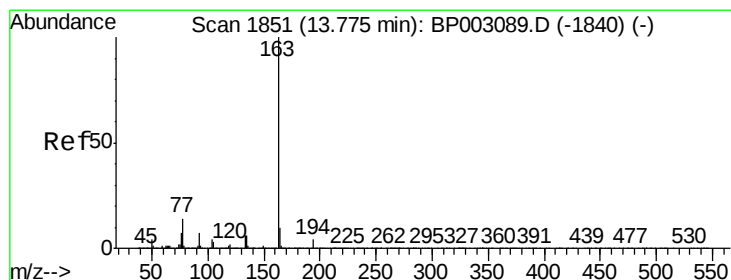
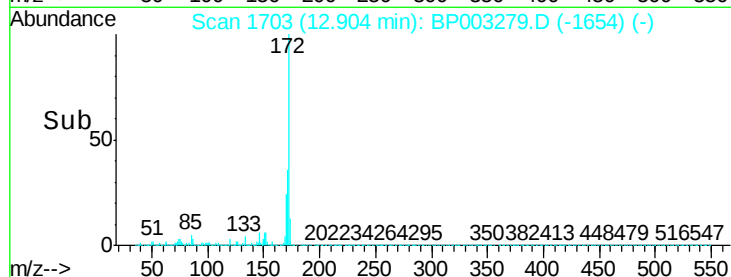
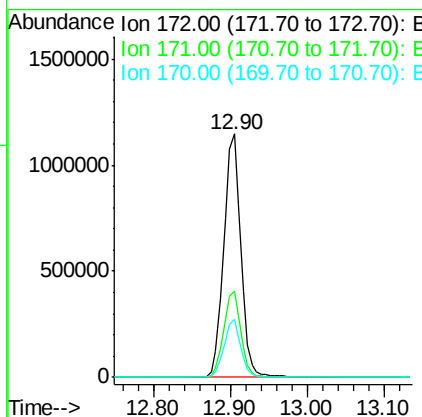
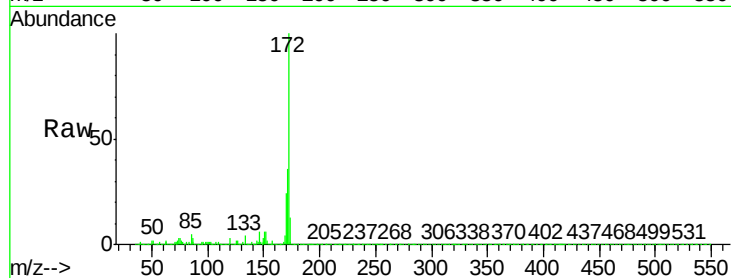




#45
2-Fluorobiphenyl
Concen: 53.575 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

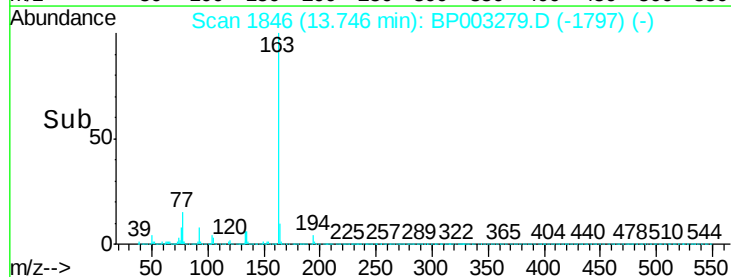
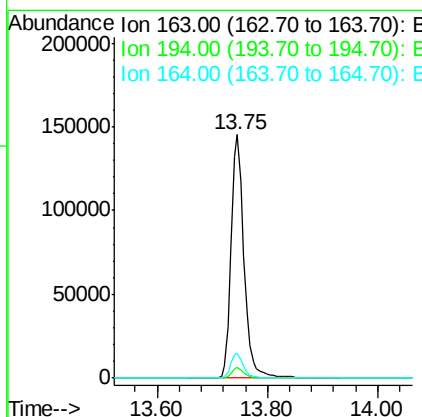
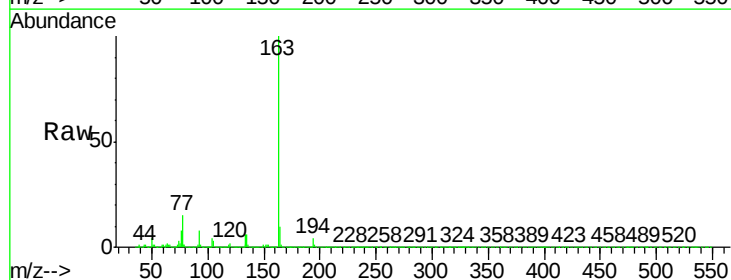
Instrument :
BNA_P
ClientSampleId :
B20-4-6

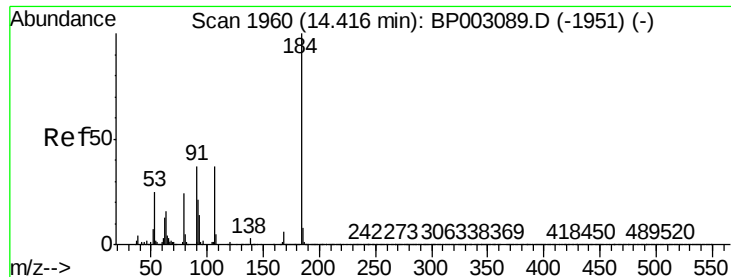
Tot Ion:172 Resp: 1780221
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.6 19.2 28.8



#50
Dimethylphthalate
Concen: 6.466 ng
RT: 13.75 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Tgt Ion:163 Resp: 239946
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.0 8.2 12.2

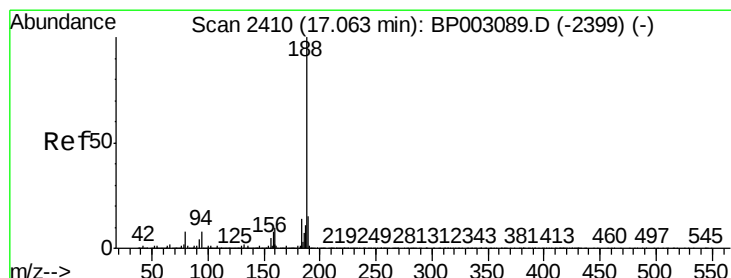
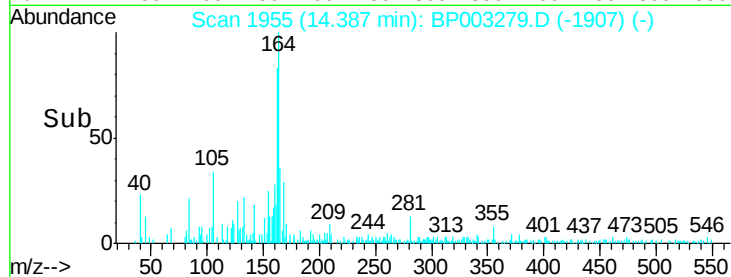
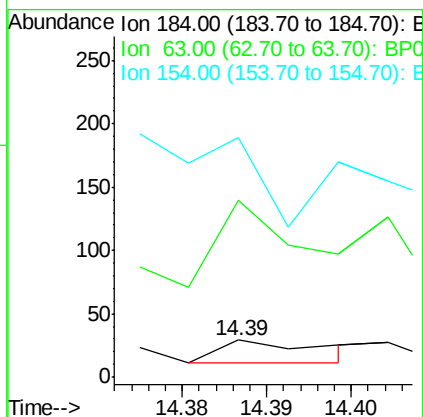
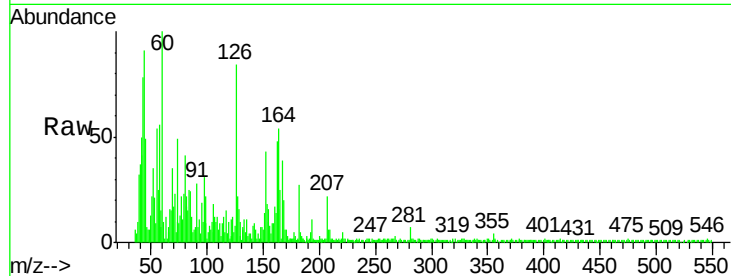




#54
2,4-Dinitrophenol
Concen: 7.758 ng
RT: 14.39 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

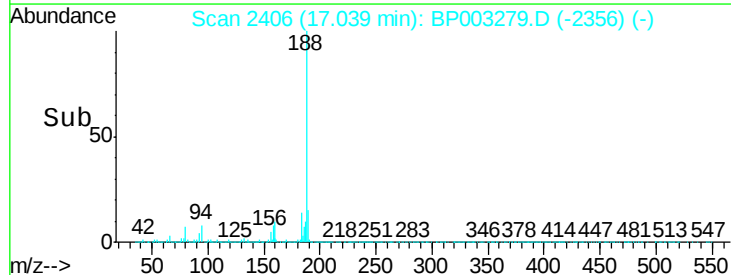
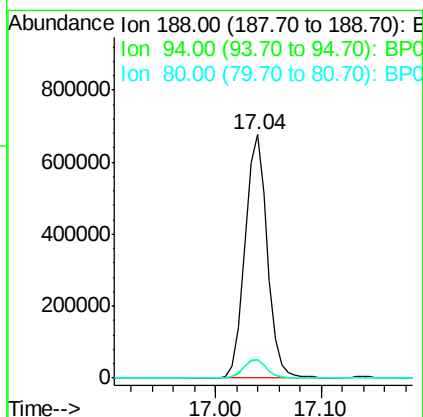
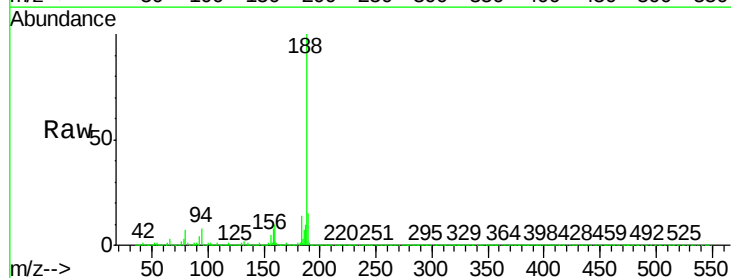
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BNA_P
ClientSampleId :
B20-4-6

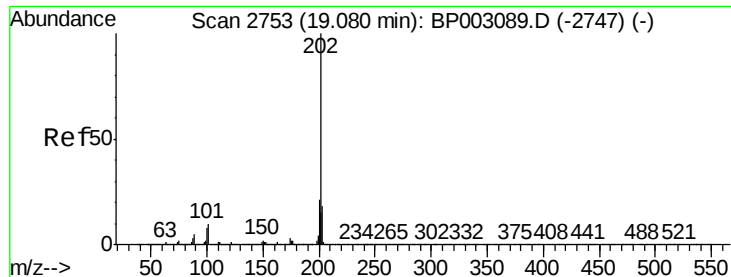
Tot Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 482.8 32.3 48.5#
154 651.7 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Tgt Ion:188 Resp: 985771
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 7.4 6.2 9.2





#75

Fluoranthene

Concen: 6.198 ng

RT: 19.06 min Scan# 2750

Delta R.T. -0.01 min

Lab File: BP003279.D

Acq: 14 Sep 2020 21:13

Instrument :

BNA_P

ClientSampleId :

B20-4-6

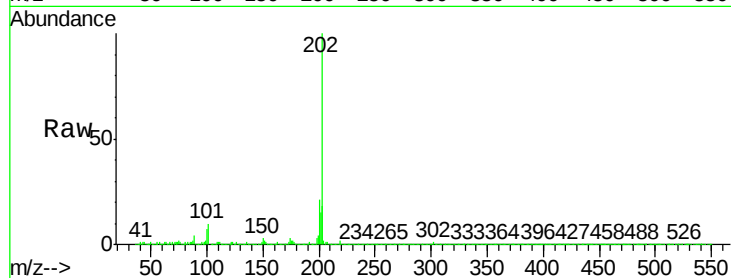
Tot Ion:202 Resp: 382654

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.4

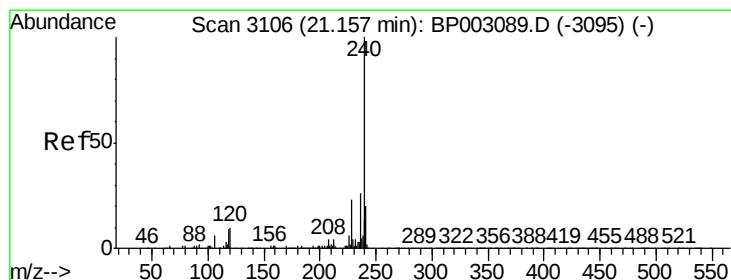
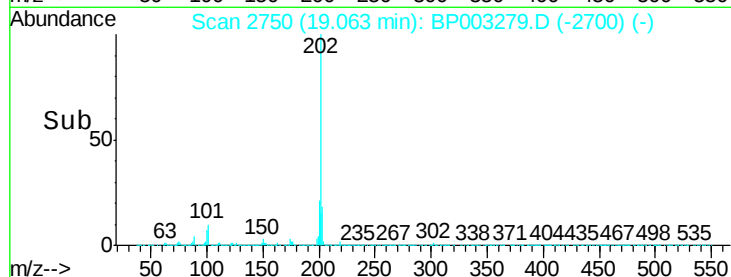
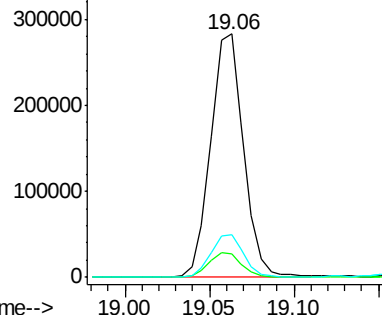
203 17.7 0.0 37.8



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: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP003279.D

Acq: 14 Sep 2020 21:13

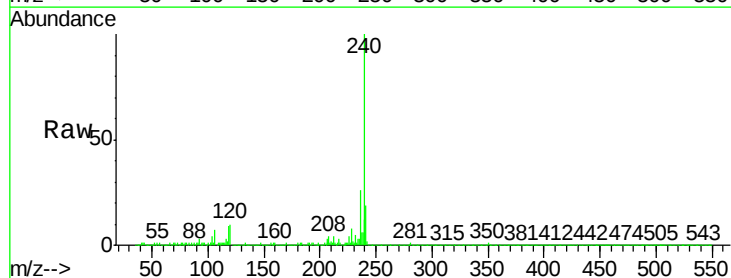
Tgt Ion:240 Resp: 775722

Ion Ratio Lower Upper

240 100

120 9.9 7.8 11.6

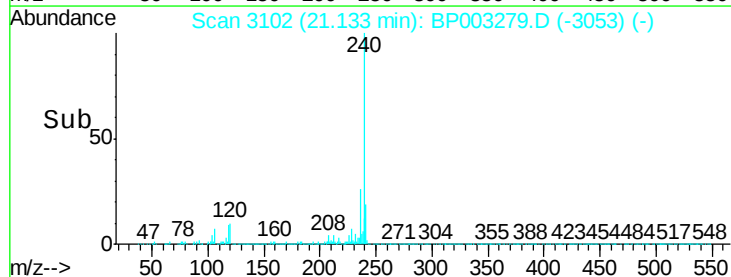
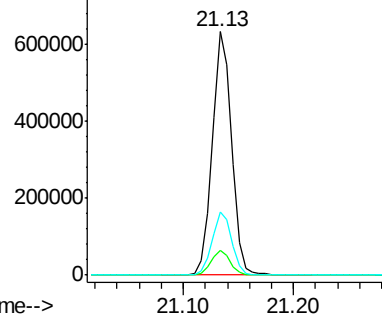
236 25.7 20.8 31.2

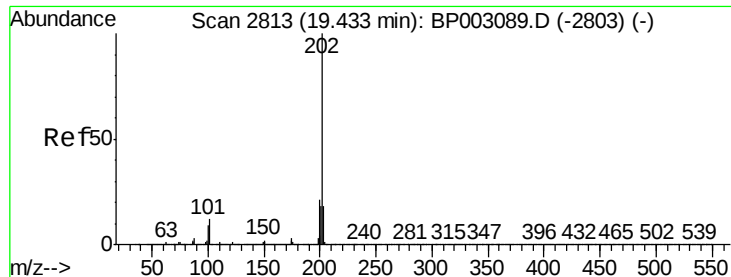


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

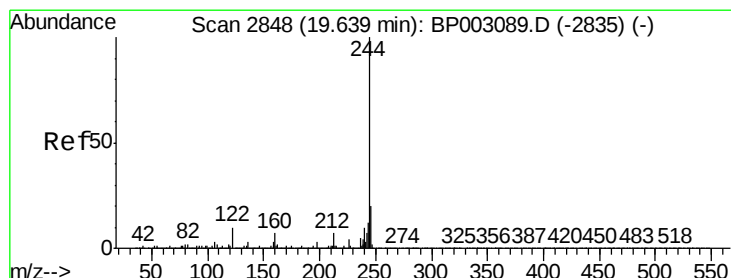
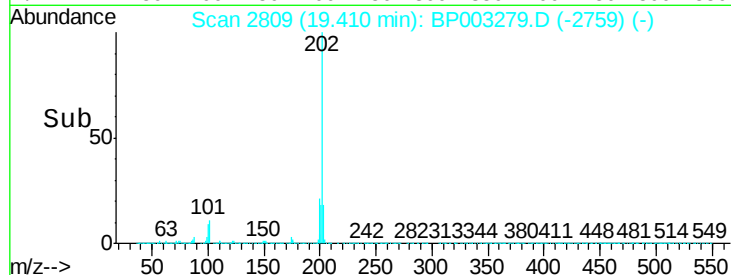
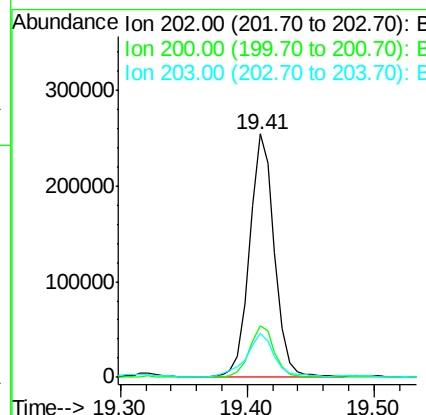
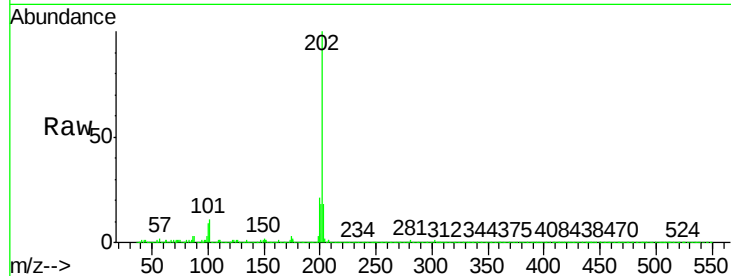




#78
Pvrene
Concen: 6.803 ng
RT: 19.41 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

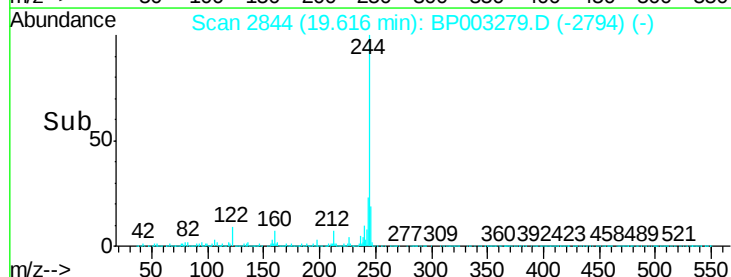
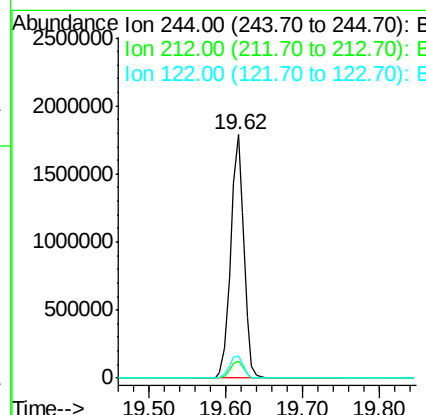
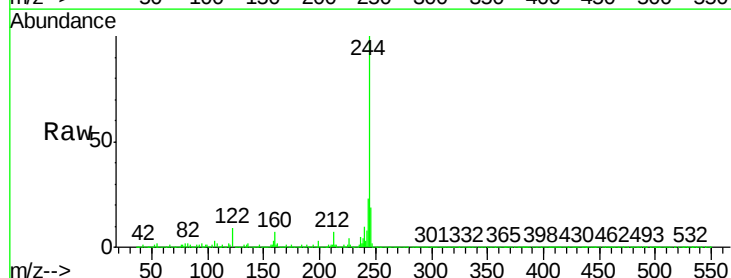
Instrument :
BNA_P
ClientSampleId :
B20-4-6

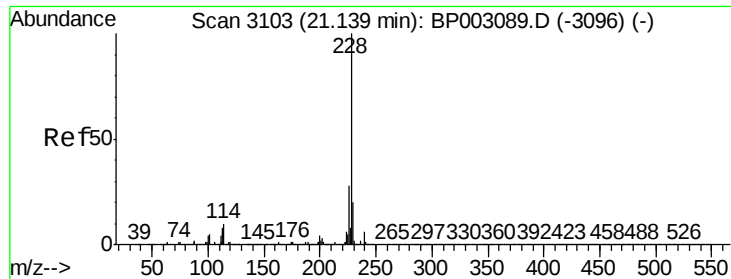
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	18.2	14.2	21.2



#79
Terphenyl-d14
Concen: 60.399 ng
RT: 19.62 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.1	7.8	11.8

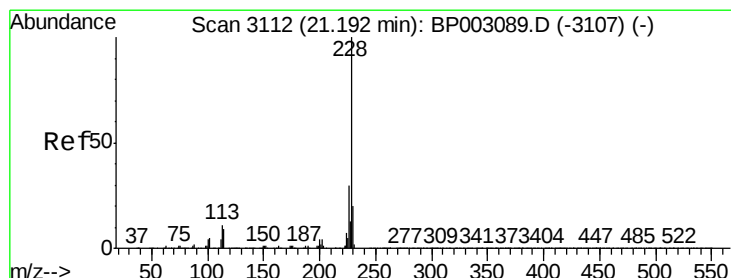
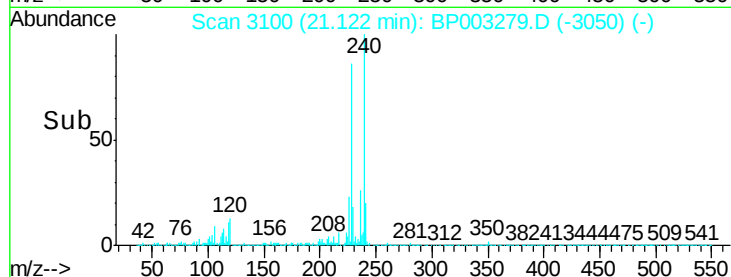
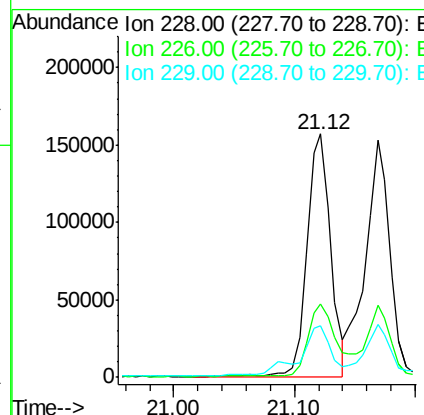
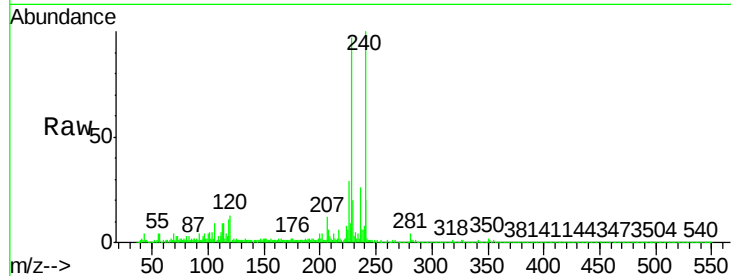




#81
Benzo(a)anthracene
Concen: 4.374 ng
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

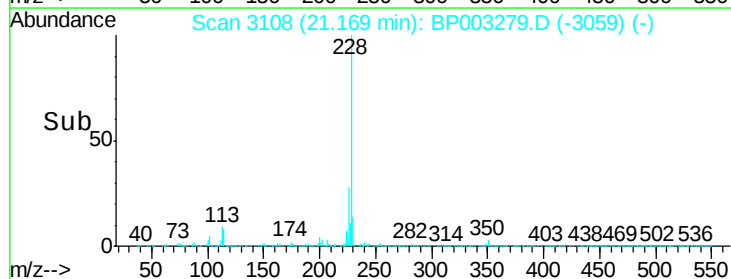
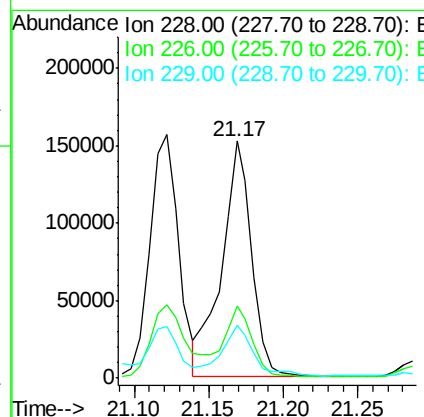
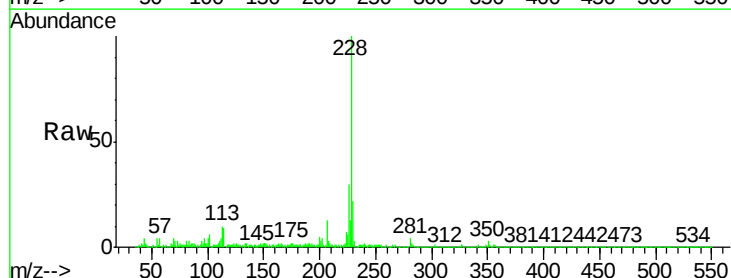
Instrument :
BNA_P
ClientSampleId :
B20-4-6

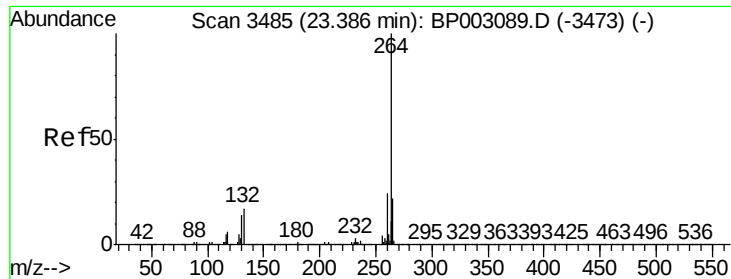
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.1	33.1
229	21.0	15.9	23.9



#83
Chrysene
Concen: 4.632 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	22.4	15.8	23.6



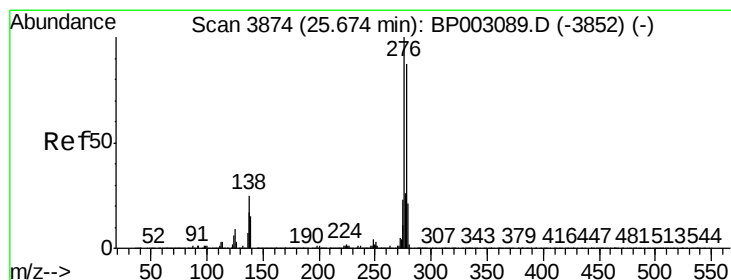
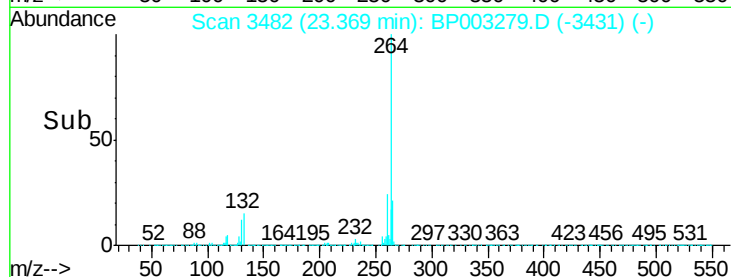
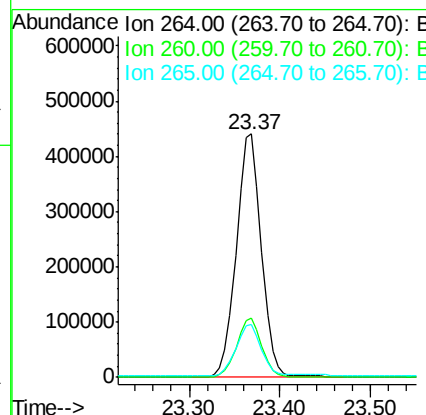
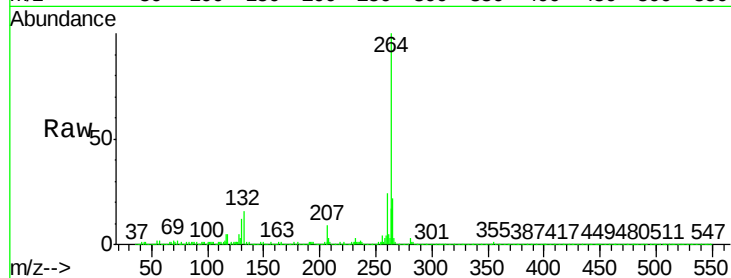


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Instrument :
BNA_P
ClientSampleId :
B20-4-6

Tot Ion:264 Resp: 841676

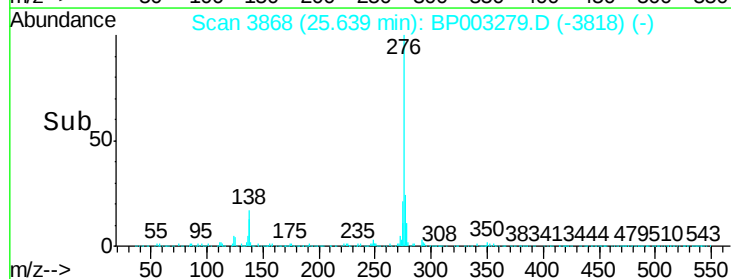
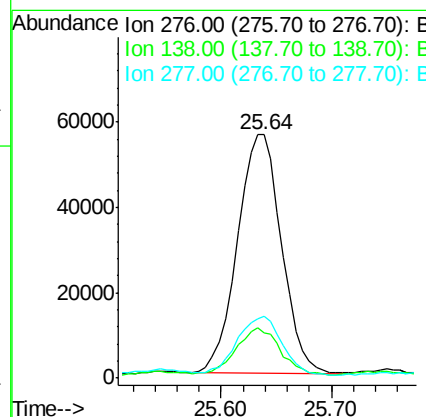
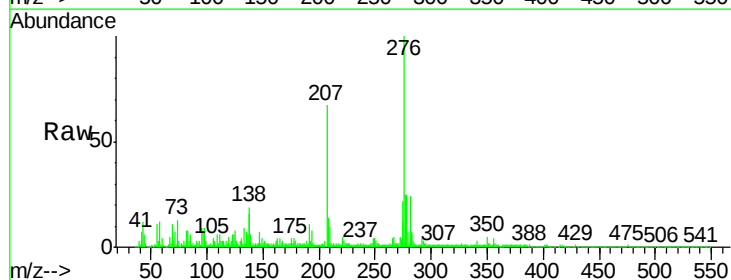
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.6	17.4	26.2

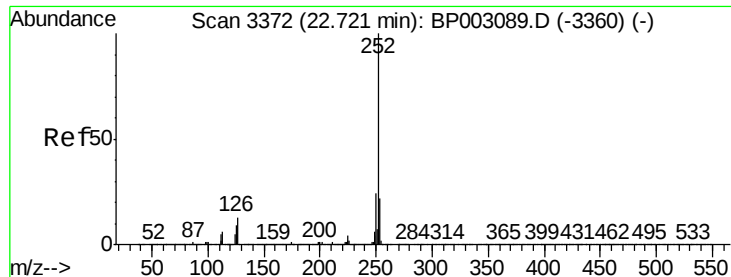


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.495 ng
RT: 25.64 min Scan# 3868
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Tgt Ion:276 Resp: 156583

Ion	Ratio	Lower	Upper
276	100		
138	19.4	18.7	28.1
277	25.2	20.4	30.6





#88

Benzo(b)fluoranthene

Concen: 7.525 ng

RT: 22.70 min Scan# 3368

Delta R.T. -0.01 min

Lab File: BP003279.D

Acq: 14 Sep 2020 21:13

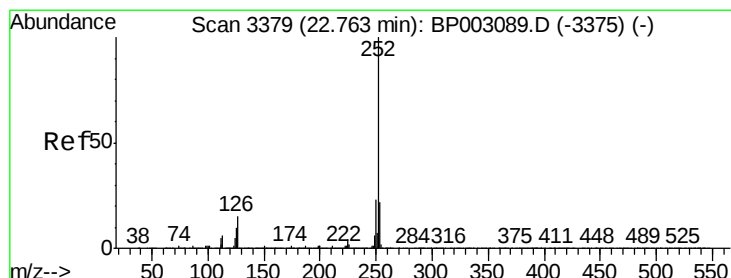
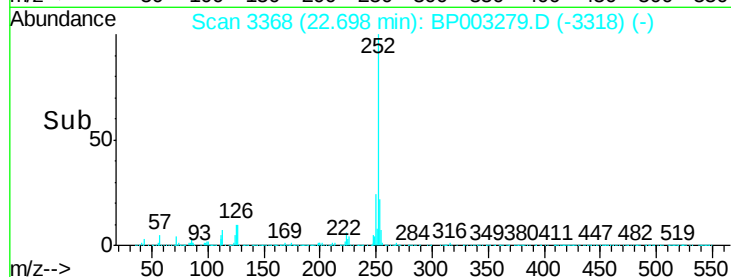
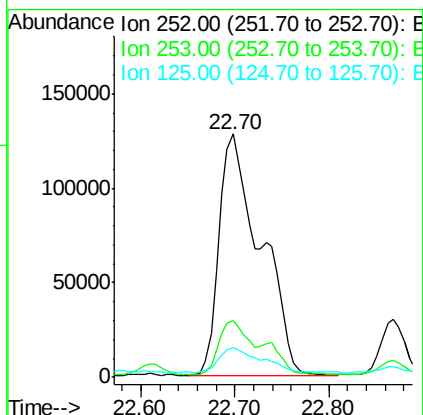
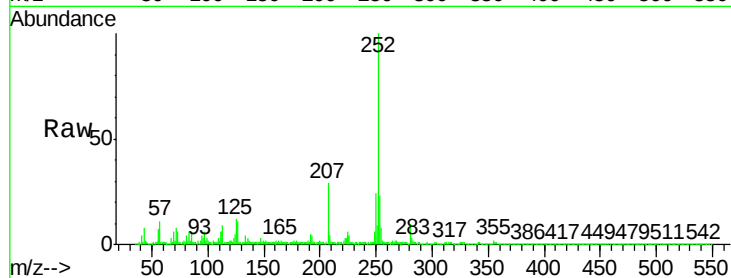
Instrument :

BNA_P

ClientSampleId :

B20-4-6

Tot Ion:	252	Resp:	393639
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.6	26.4
125	12.3	7.3	10.9#



#89

Benzo(k)fluoranthene

Concen: 7.876 ng

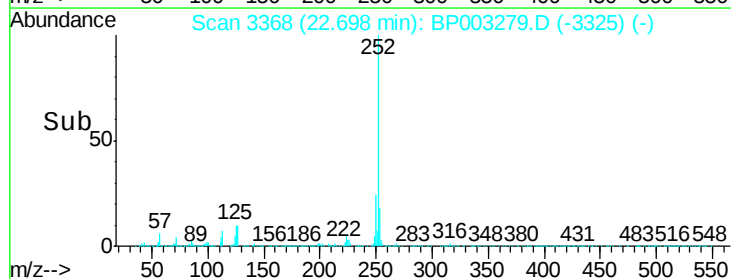
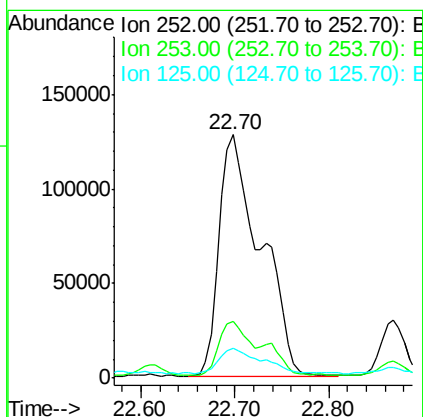
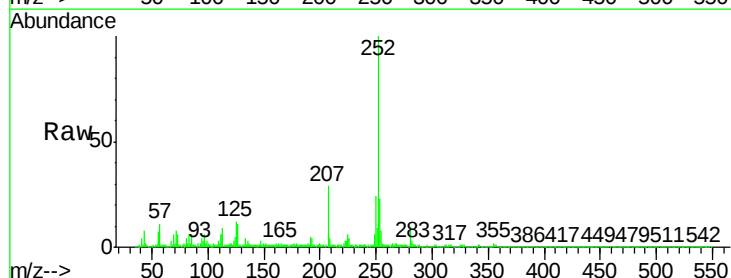
RT: 22.70 min Scan# 3368

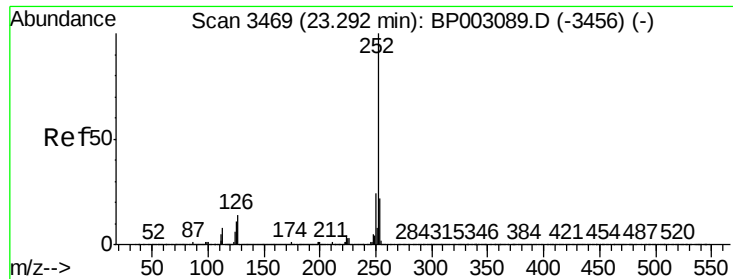
Delta R.T. -0.05 min

Lab File: BP003279.D

Acq: 14 Sep 2020 21:13

Tgt Ion:	252	Resp:	393639
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.8
125	12.3	7.4	11.2#

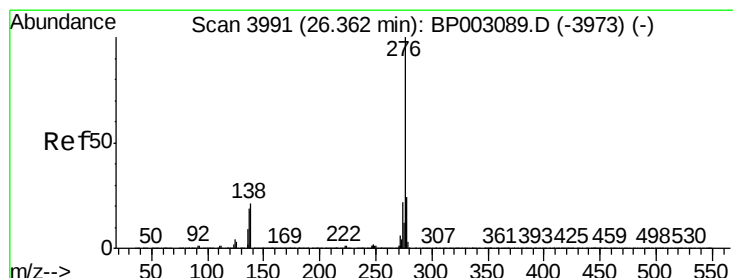
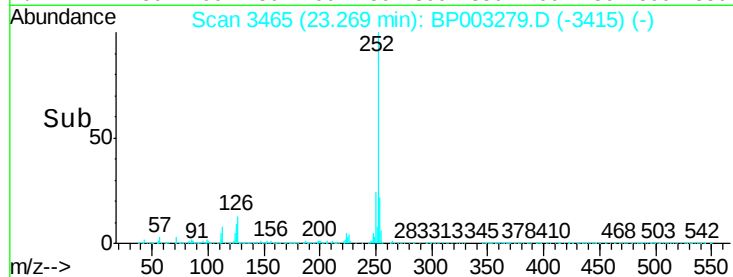
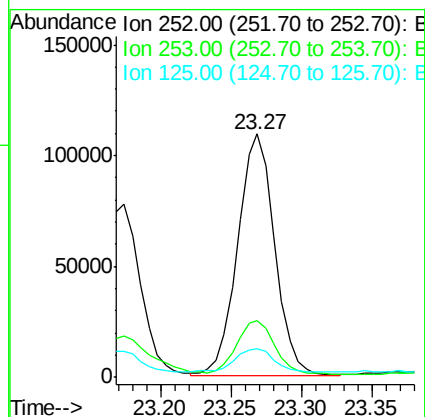
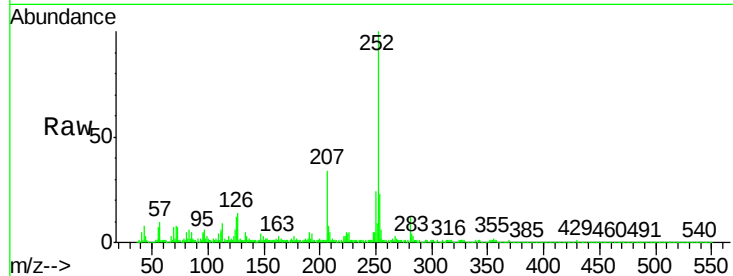




#90
Benzo(a)pyrene
Concen: 4.104 ng
RT: 23.27 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Instrument :
BNA_P
ClientSampled :
B20-4-6

Tot Ion:252	Resp:	199174
Ion Ratio	Lower	Upper
252	100	
253	23.3	17.4 26.0
125	11.5	8.2 12.4



#92
Benzo(g,h,i)perylene
Concen: 2.919 ng
RT: 26.33 min Scan# 3985
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Tgt Ion:276	Resp:	151061
Ion Ratio	Lower	Upper
276	100	
277	25.4	19.0 28.6
138	20.2	16.6 24.8

