

Data File : BP001513.D
Acq On : 03 Jan 2020 18:24
Operator : JU
Sample : K6471-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B5

Quant Time: Jan 04 02:56:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 15:57:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	77863	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	285810	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	171837	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	370514	20.00	ng	0.00
76) Chrysene-d12	21.20	240	323590	20.00	ng	0.00
87) Perylene-d12	23.46	264	347877	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	449189	96.92	ng	0.04
7) Phenol-d6	6.93	99	601878	96.42	ng	0.05
23) Nitrobenzene-d5	8.86	82	349905	60.47	ng	0.01
42) 2,4,6-Tribromophenol	15.85	330	170613	87.73	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	679300	58.13	ng	0.00
79) Terphenyl-d14	19.69	244	877713	54.06	ng	0.00

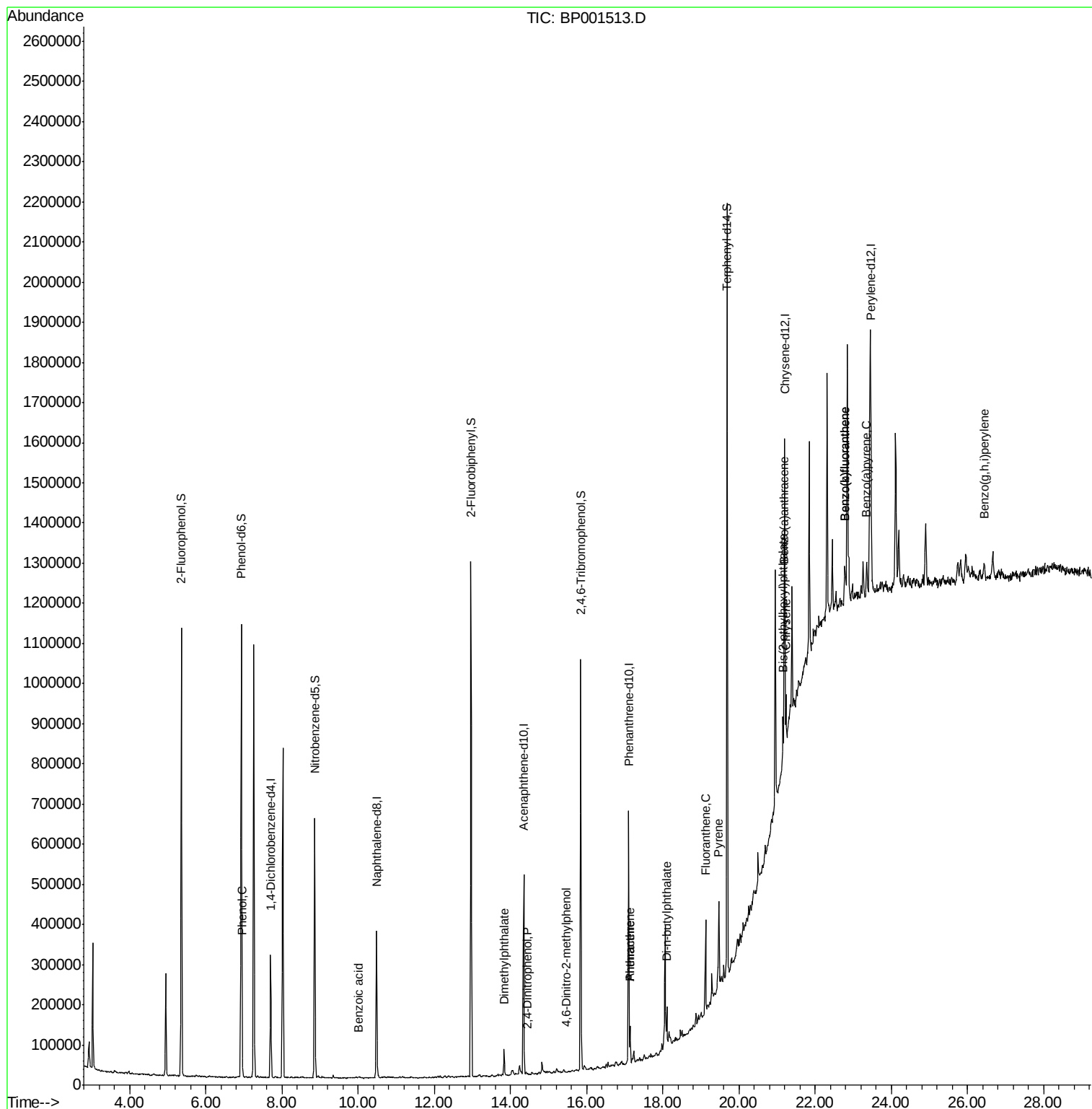
Target Compounds				Qvalue		
9) Benzaldehyde	6.80	77	228	Below Cal	#	39
10) Phenol	6.95	94	18717	2.850	ng	94
32) Benzoic acid	10.01	122	173	7.823	ng	87
50) Dimethylphthalate	13.83	163	38002	2.829	ng	99
54) 2,4-Dinitrophenol	14.44	184	8	6.456	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.46	198	19	5.882	ng	# 1
71) Phenanthrene	17.15	178	54836	2.729	ng	98
72) Anthracene	17.15	178	54836	2.753	ng	98
74) Di-n-butylphthalate	18.10	149	48869	2.089	ng	97
75) Fluoranthene	19.12	202	134611	5.533	ng	98
78) Pyrene	19.47	202	130507	5.558	ng	99
81) Benzo(a)anthracene	21.18	228	64933	2.860	ng	98
83) Chrysene	21.23	228	68745	3.158	ng	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	42130	2.846	ng	# 97
88) Benzo(b)fluoranthene	22.78	252	86835	4.031	ng	# 83
89) Benzo(k)fluoranthene	22.78	252	86835	4.209	ng	# 82
90) Benzo(a)pyrene	23.36	252	63853	3.167	ng	# 85
92) Benzo(g,h,i)perylene	26.43	276	46326	2.318	ng	# 89

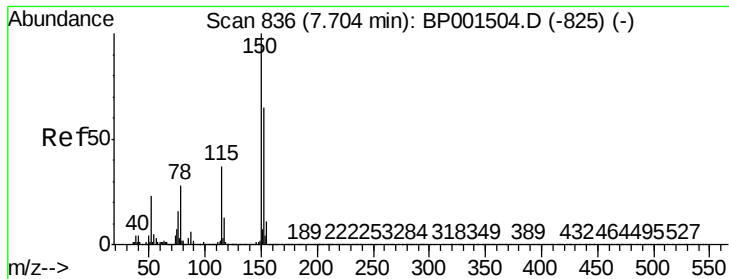
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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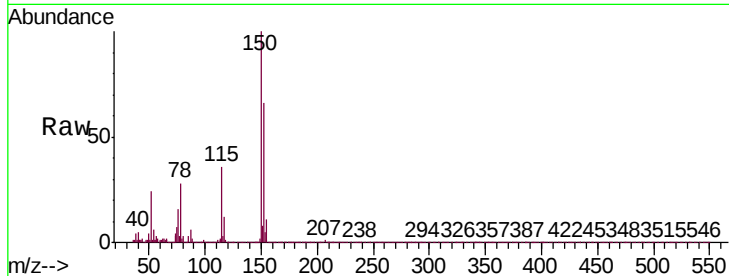


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 835
Delta R.T. -0.01 min
Lab File: BP001513.D
Acq: 03 Jan 2020 18:24

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B5

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.1	123.6	185.4
115	54.9	45.8	68.6

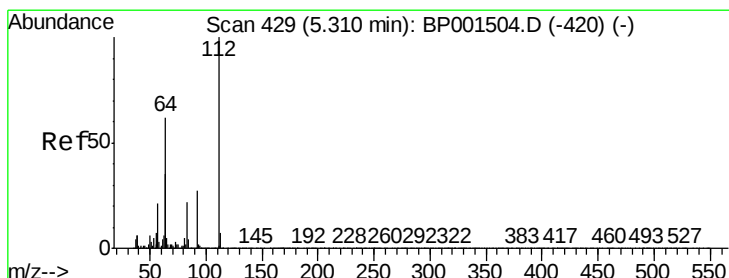
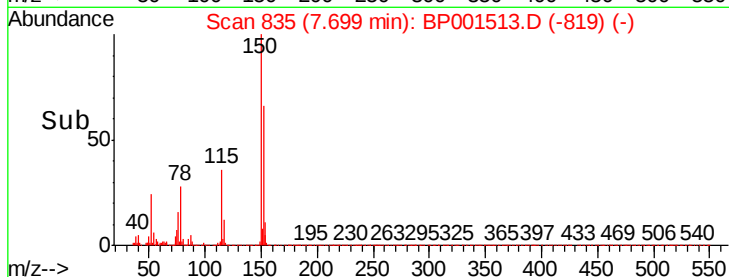
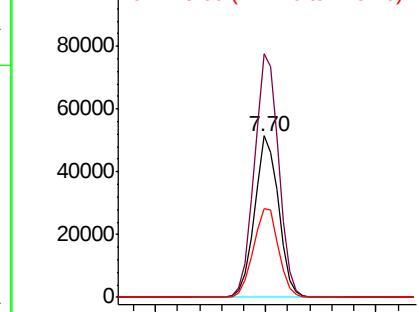


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

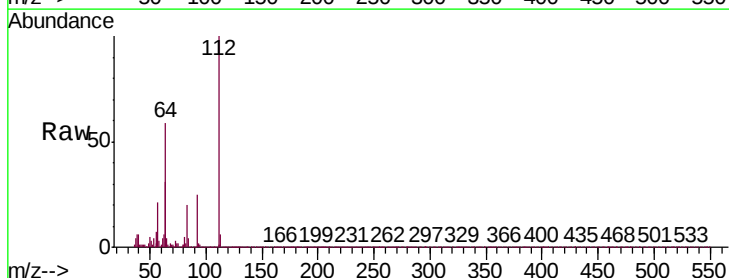
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.919 ng
RT: 5.35 min Scan# 436
Delta R.T. 0.04 min
Lab File: BP001513.D
Acq: 03 Jan 2020 18:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	49.7	74.5
63	31.4	28.1	42.1

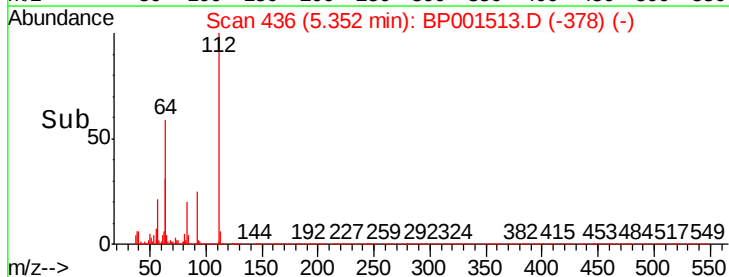
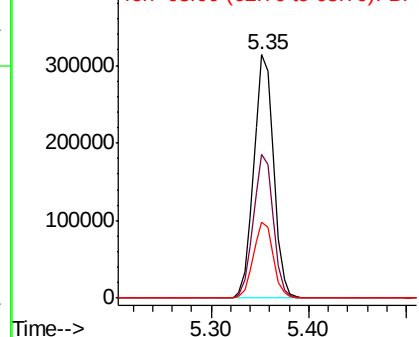


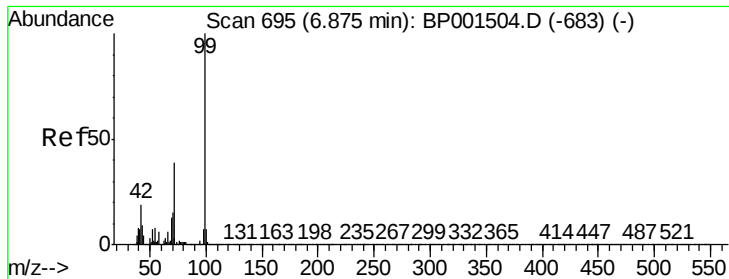
Abundance

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: 96.416 ng

RT: 6.93 min Scan# 704

Delta R.T. 0.05 min

Lab File: BP001513.D

Acq: 03 Jan 2020 18:24

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B5

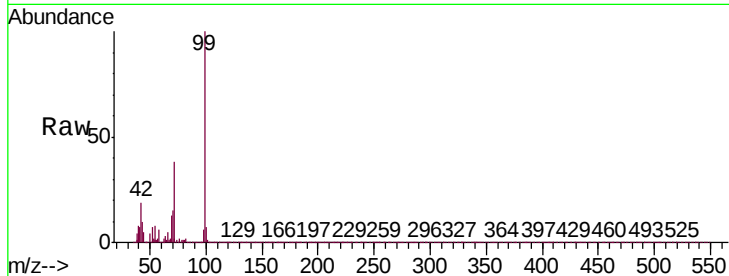
Tgt Ion: 99 Resp: 601878

Ion Ratio Lower Upper

99 100

42 19.4 15.3 22.9

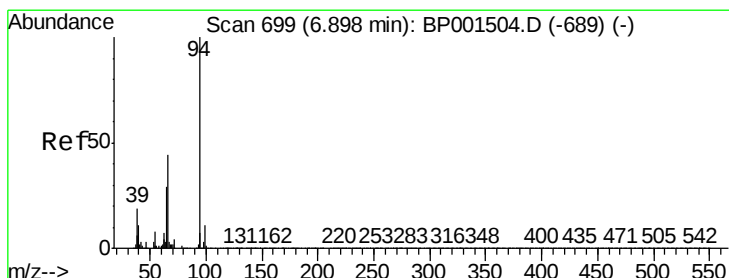
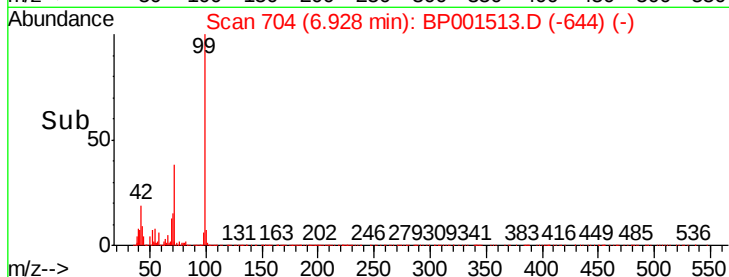
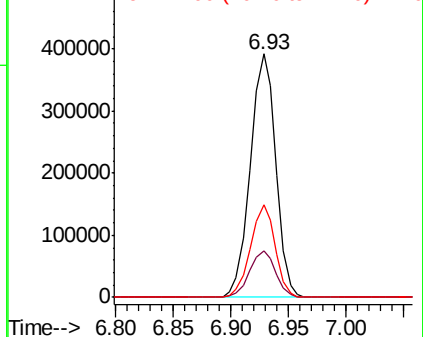
71 38.0 30.9 46.3



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



#10

Phenol

Concen: 2.850 ng

RT: 6.95 min Scan# 708

Delta R.T. 0.05 min

Lab File: BP001513.D

Acq: 03 Jan 2020 18:24

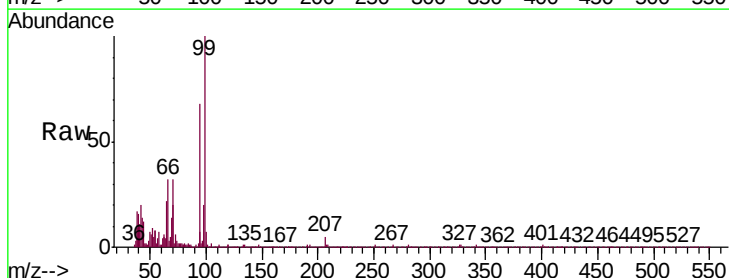
Tgt Ion: 94 Resp: 18717

Ion Ratio Lower Upper

94 100

65 31.9 9.2 49.2

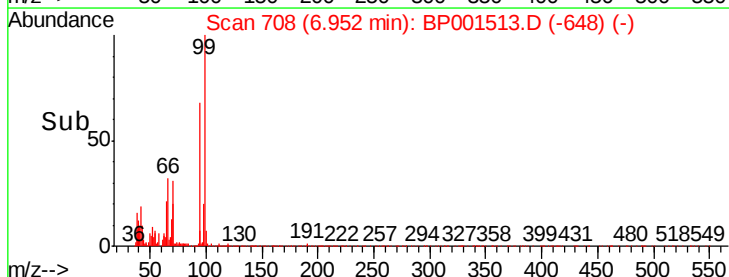
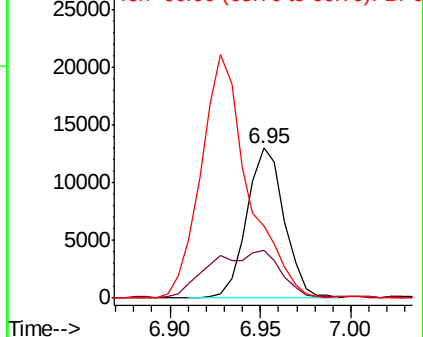
66 48.0 23.8 63.8

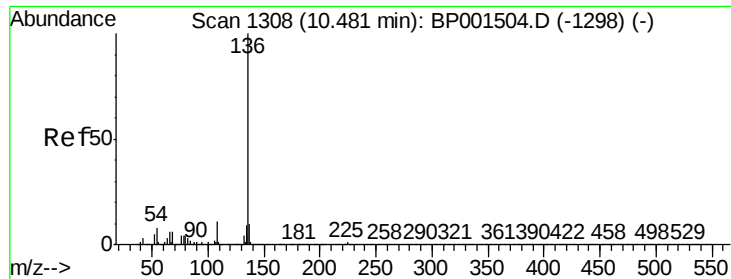


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

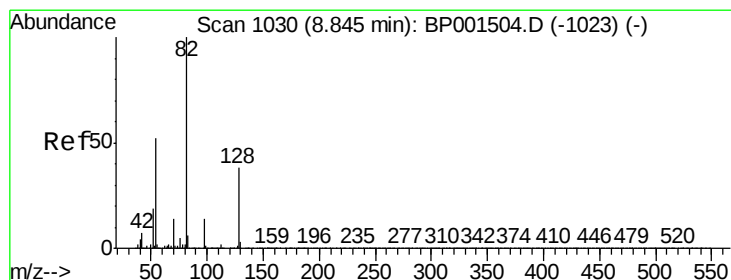
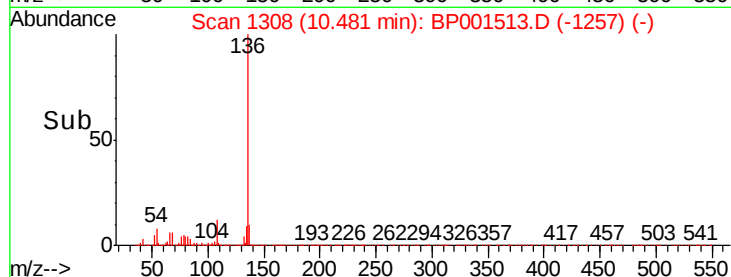
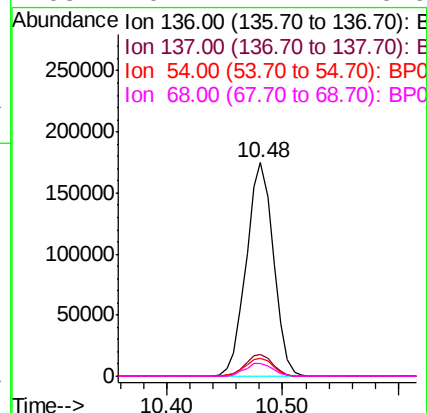
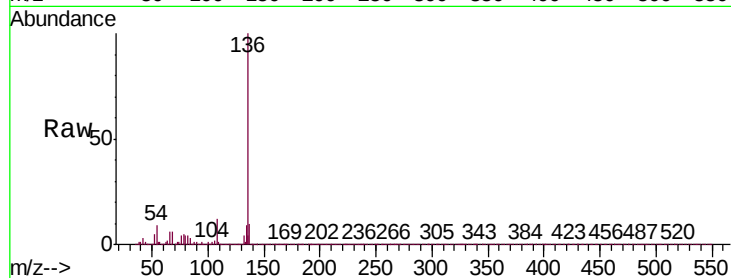




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BP001513.D
Acq: 03 Jan 2020 18:24

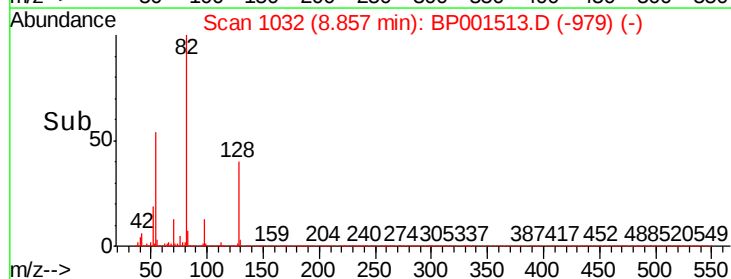
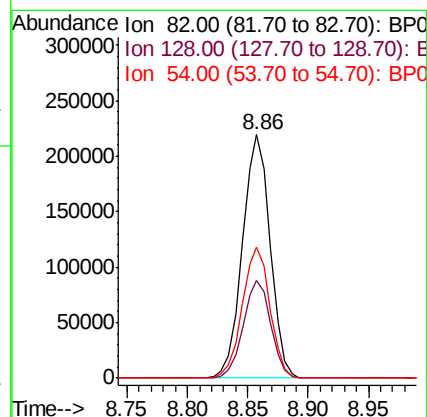
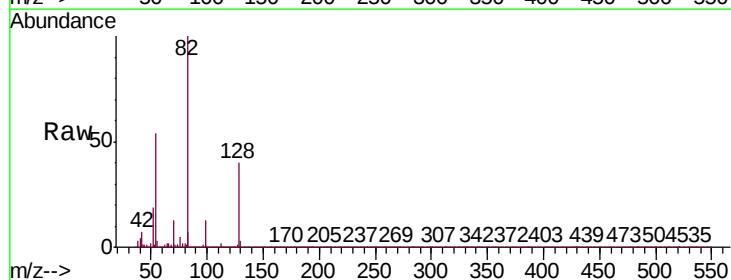
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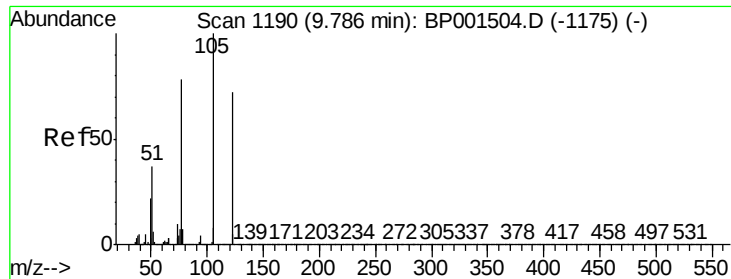
Tgt Ion:	136	Resp:	285810
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.3	12.5
54	8.5	6.7	10.1
68	6.1	4.4	6.6



#23
Nitrobenzene-d5
Concen: 60.468 ng
RT: 8.86 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BP001513.D
Acq: 03 Jan 2020 18:24

Tgt Ion:	82	Resp:	349905
Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.1	45.1
54	53.6	41.8	62.6

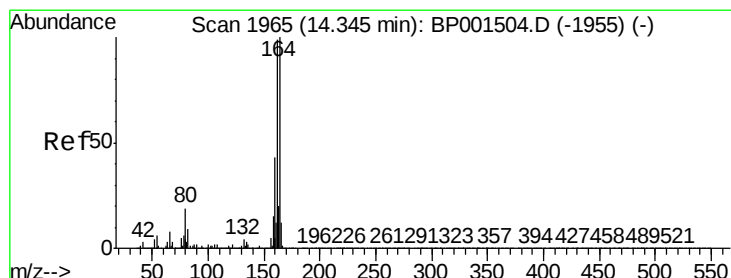
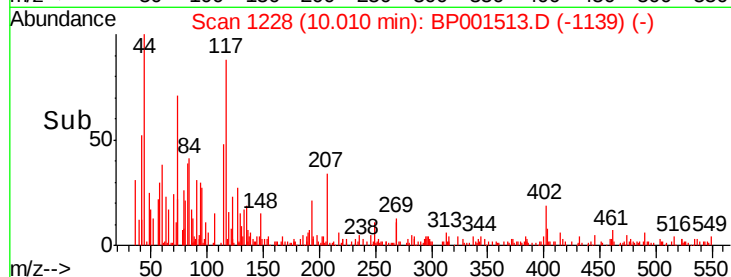
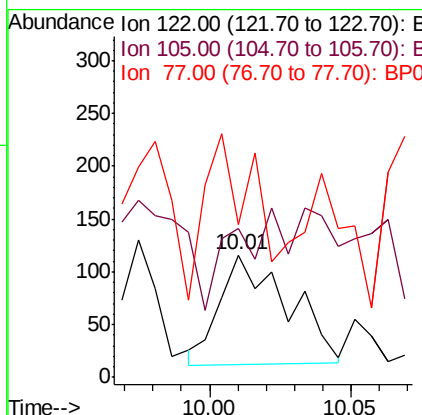
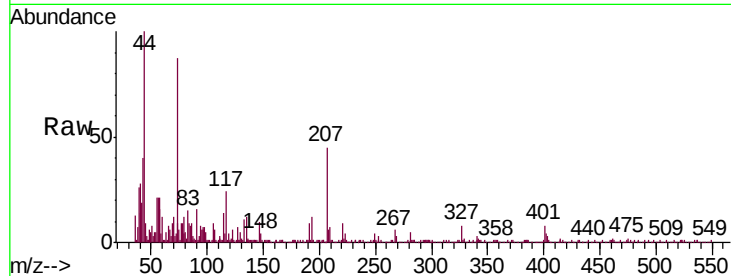




#32
Benzoic acid
Concen: 7.823 ng
RT: 10.01 min Scan# 1228
Delta R.T. 0.22 min
Lab File: BP001513.D
Acq: 03 Jan 2020 18:24

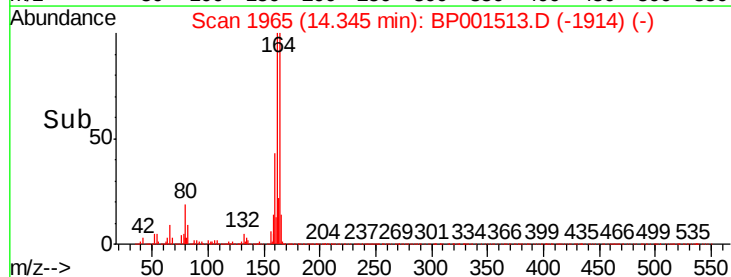
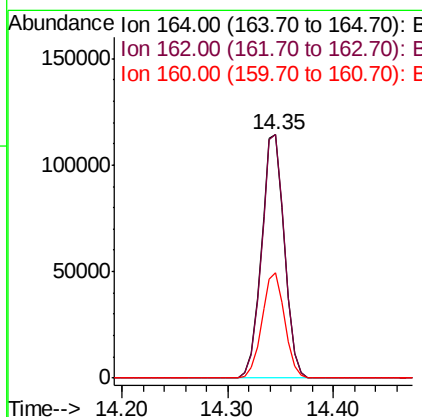
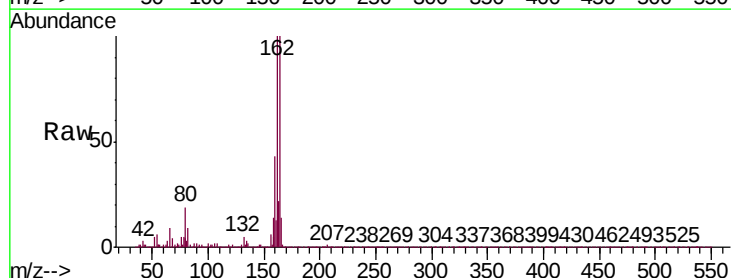
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B5

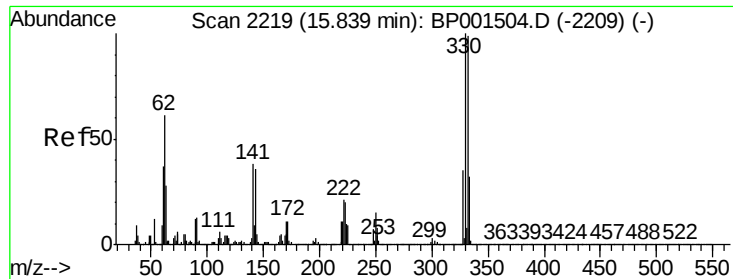
Tgt Ion:122 Resp: 173
Ion Ratio Lower Upper
122 100
105 121.6 111.1 151.1
77 125.0 85.9 125.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BP001513.D
Acq: 03 Jan 2020 18:24

Tgt Ion:164 Resp: 171837
Ion Ratio Lower Upper
164 100
162 100.0 79.2 118.8
160 43.4 34.6 52.0

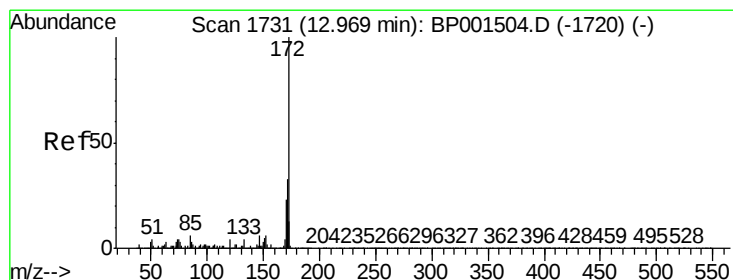
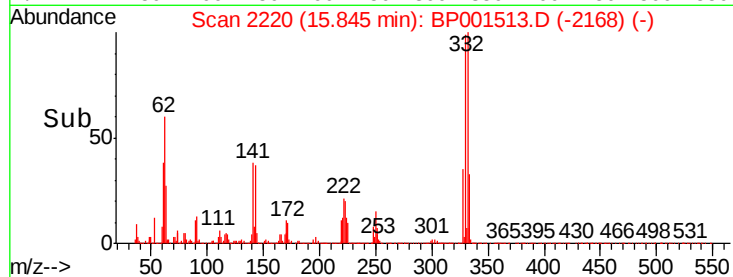
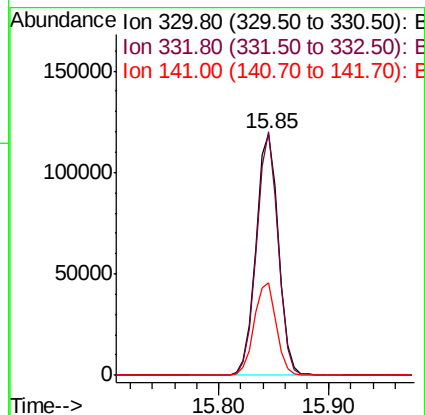
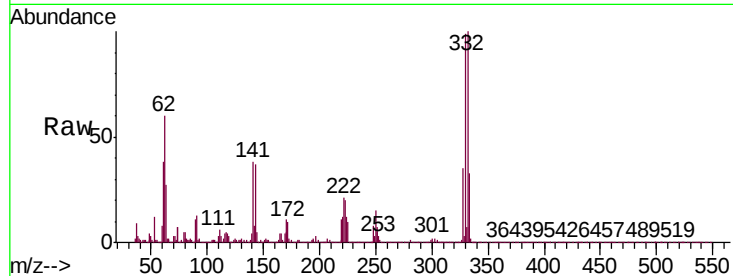




#42
 2,4,6-Tribromophenol
 Concen: 87.728 ng
 RT: 15.85 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: BP001513.D
 Acq: 03 Jan 2020 18:24

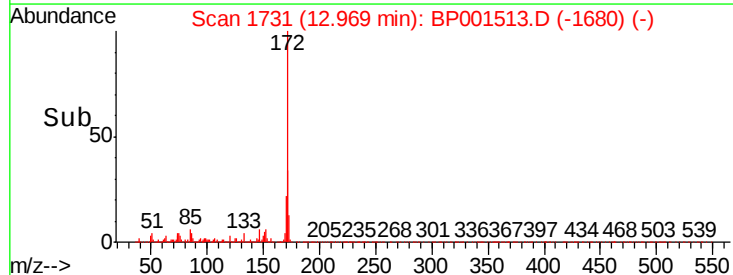
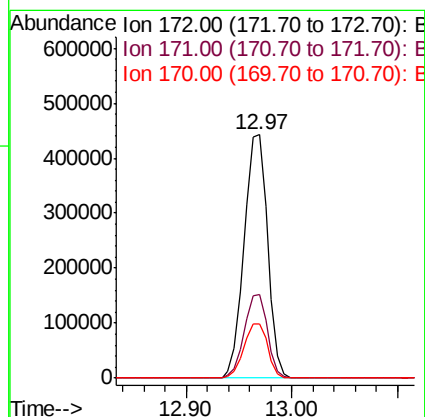
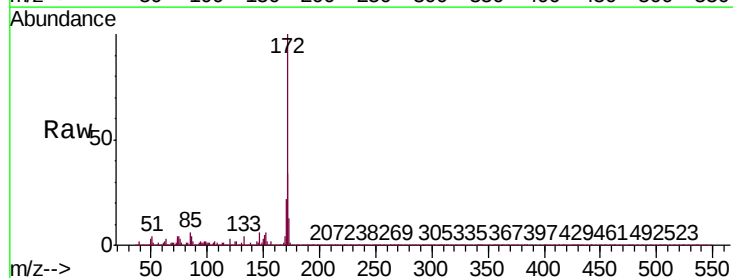
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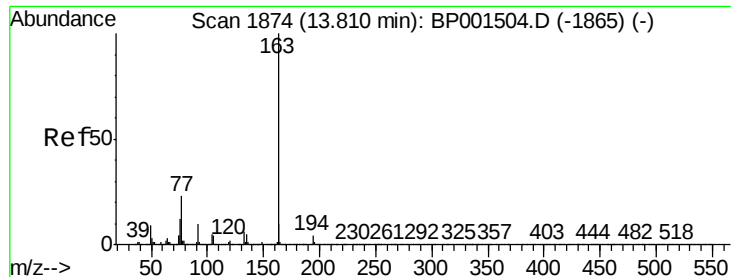
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.2	117.2
141	37.9	30.3	45.5



#45
 2-Fluorobiphenyl
 Concen: 58.127 ng
 RT: 12.97 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BP001513.D
 Acq: 03 Jan 2020 18:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.7	40.1
170	22.1	18.7	28.1





#50

Dimethylphthalate

Concen: 2.829 ng

RT: 13.83 min Scan# 1878

Delta R.T. 0.02 min

Lab File: BP001513.D

Acq: 03 Jan 2020 18:24

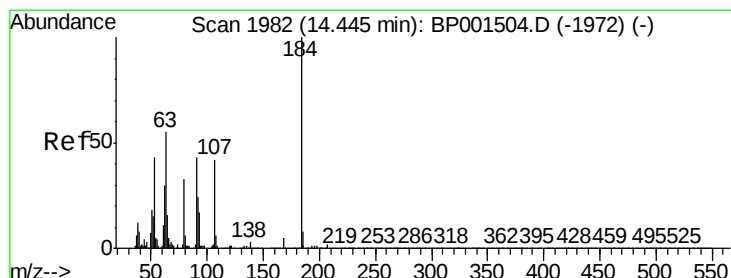
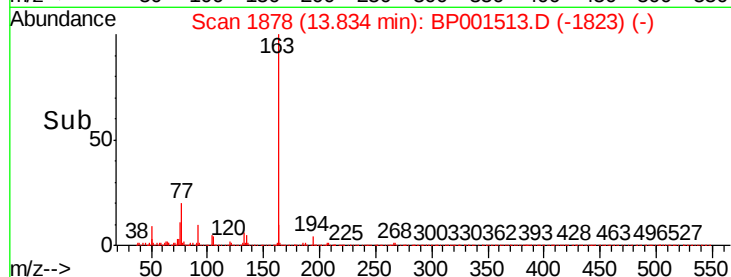
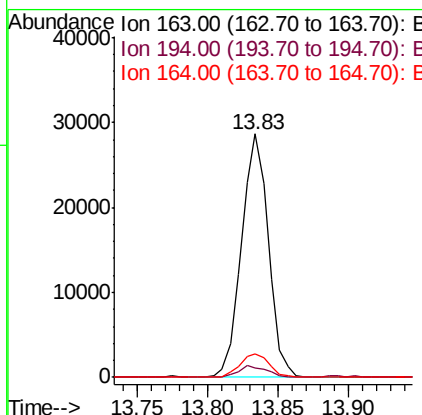
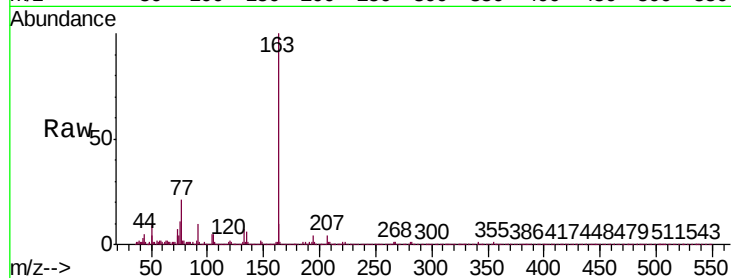
Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B5

Tgt Ion:	163	Resp:	38002
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.0
164	9.7	8.1	12.1



#54

2,4-Dinitrophenol

Concen: 6.456 ng

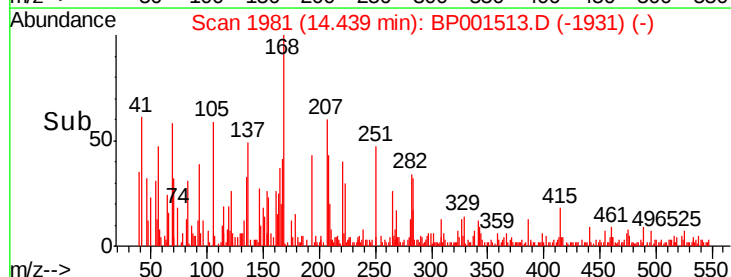
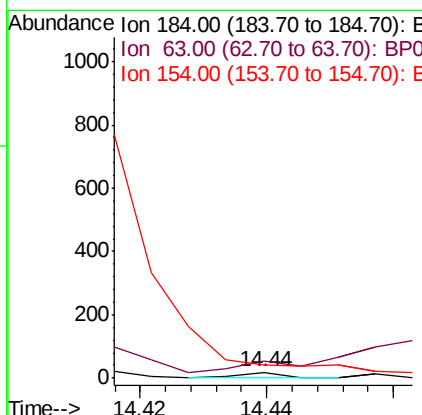
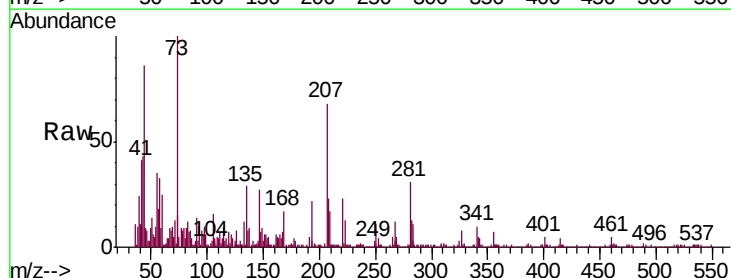
RT: 14.44 min Scan# 1981

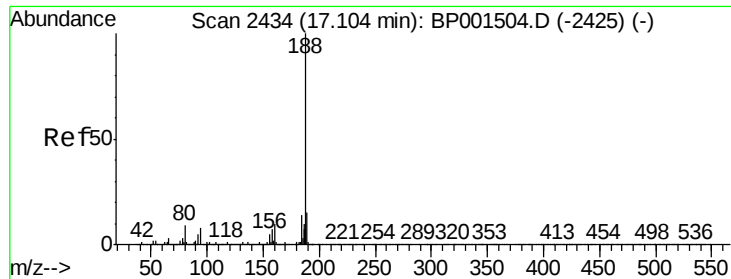
Delta R.T. -0.01 min

Lab File: BP001513.D

Acq: 03 Jan 2020 18:24

Tgt Ion:	184	Resp:	8
Ion Ratio	Lower	Upper	
184	100		
63	288.9	50.0	75.0#
154	233.3	49.2	73.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BP001513.D

Acq: 03 Jan 2020 18:24

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B5

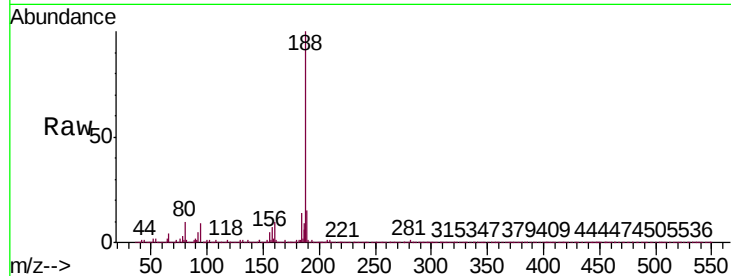
Tgt Ion:188 Resp: 370514

Ion Ratio Lower Upper

188 100

94 8.7 6.5 9.7

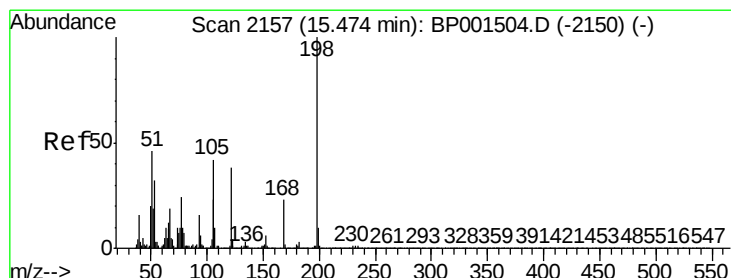
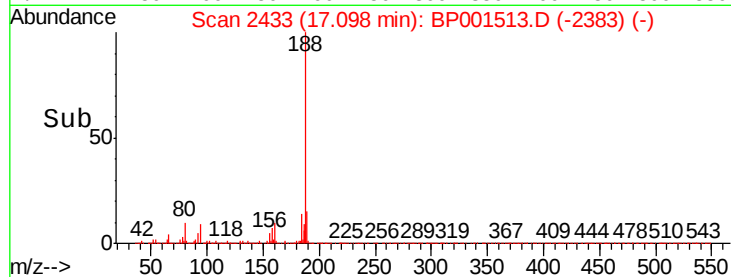
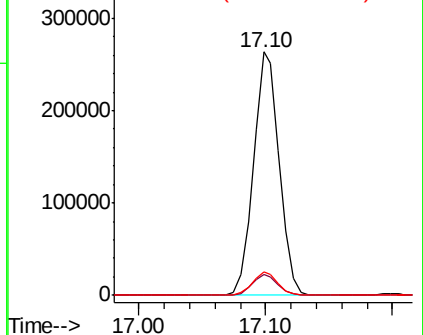
80 9.8 7.3 10.9



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



#65

4,6-Dinitro-2-methylphenol

Concen: 5.882 ng

RT: 15.46 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BP001513.D

Acq: 03 Jan 2020 18:24

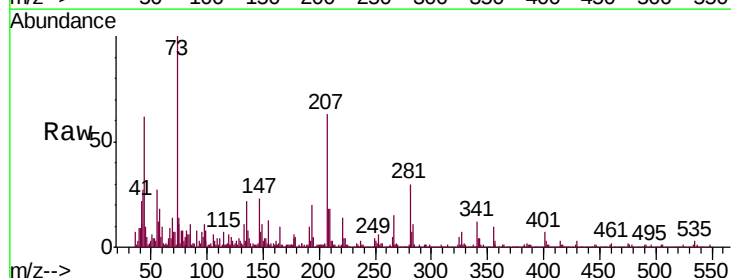
Tgt Ion:198 Resp: 19

Ion Ratio Lower Upper

198 100

51 541.4 26.9 66.9#

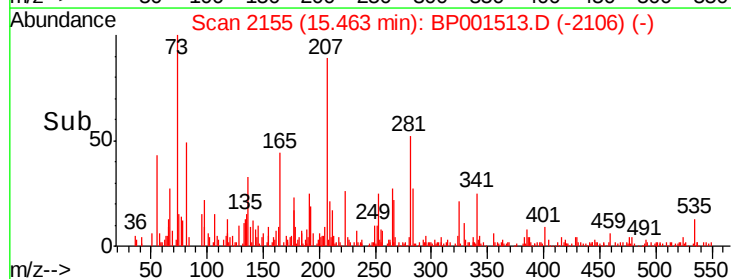
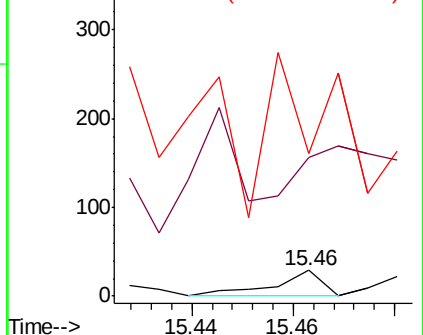
105 555.2 22.5 62.5#

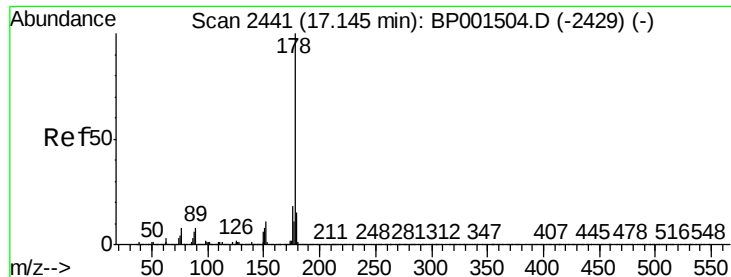


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

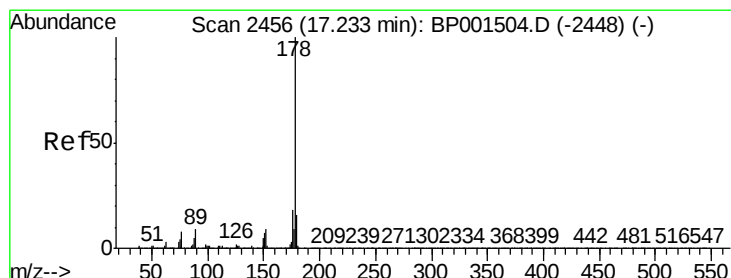
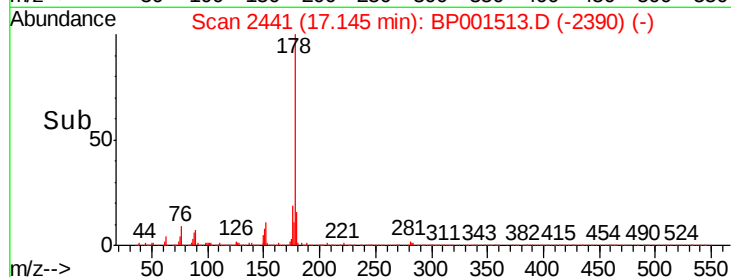
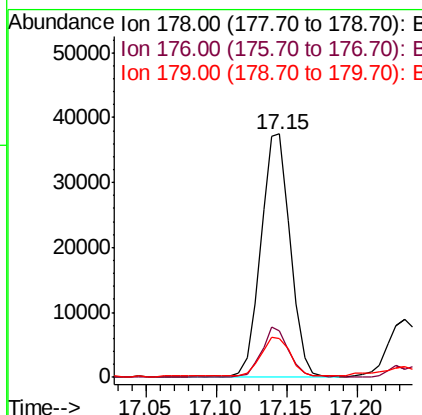
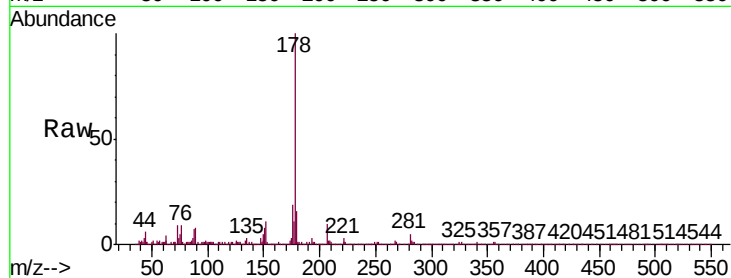




#71
Phenanthrene
Concen: 2.729 ng
RT: 17.15 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BP001513.D
Acq: 03 Jan 2020 18:24

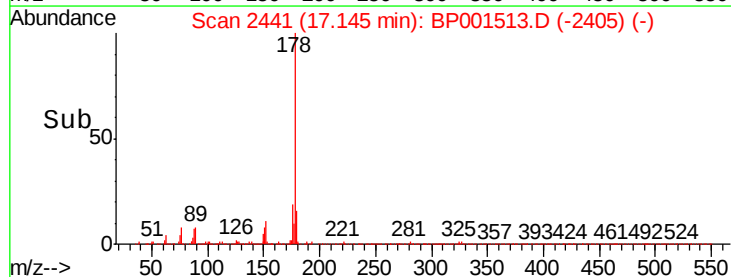
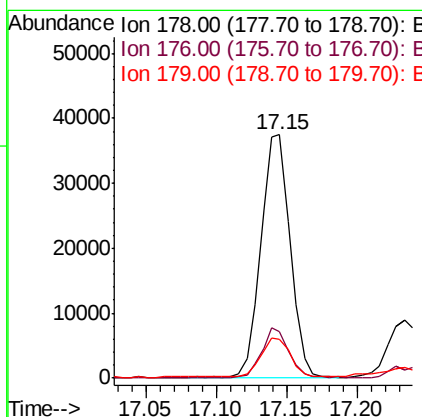
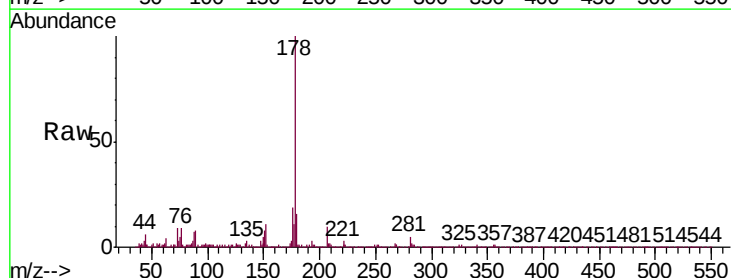
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B5

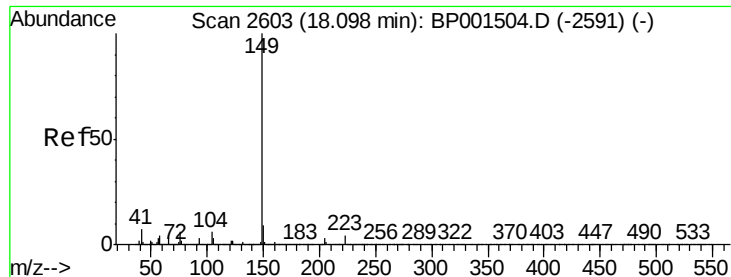
Tgt Ion:178 Resp: 54836
Ion Ratio Lower Upper
178 100
176 19.0 14.6 22.0
179 16.0 12.3 18.5



#72
Anthracene
Concen: 2.753 ng
RT: 17.15 min Scan# 2441
Delta R.T. -0.09 min
Lab File: BP001513.D
Acq: 03 Jan 2020 18:24

Tgt Ion:178 Resp: 54836
Ion Ratio Lower Upper
178 100
176 19.0 14.4 21.6
179 16.0 12.5 18.7





#74

Di-n-butylphthalate

Concen: 2.089 ng

RT: 18.10 min Scan# 2604

Delta R.T. 0.01 min

Lab File: BP001513.D

Acq: 03 Jan 2020 18:24

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B5

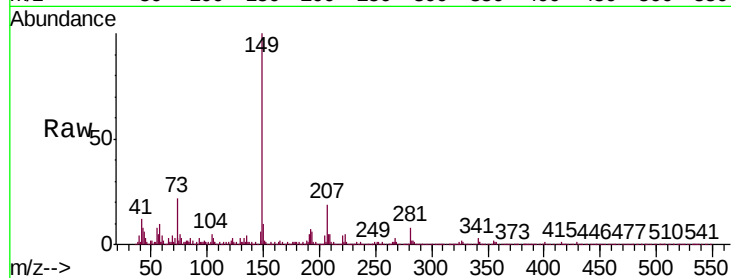
Tgt Ion:149 Resp: 48869

Ion Ratio Lower Upper

149 100

150 10.2 7.1 10.7

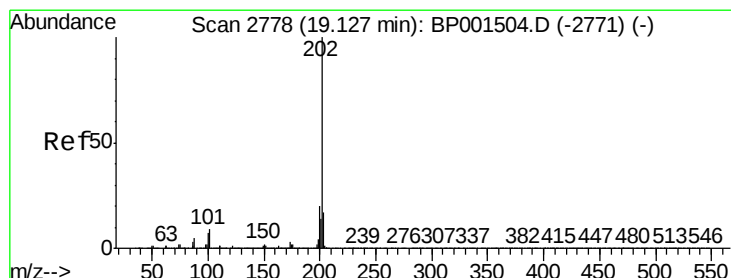
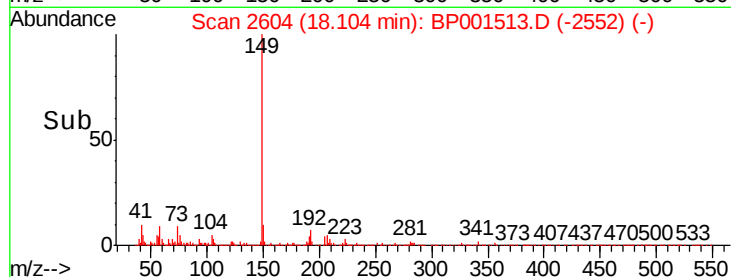
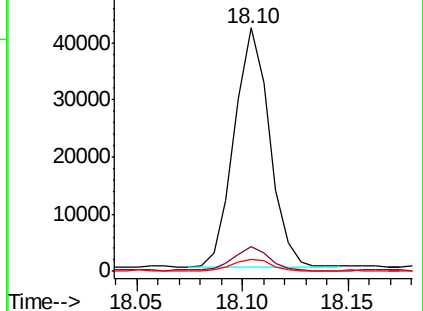
104 4.9 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 5.533 ng

RT: 19.12 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BP001513.D

Acq: 03 Jan 2020 18:24

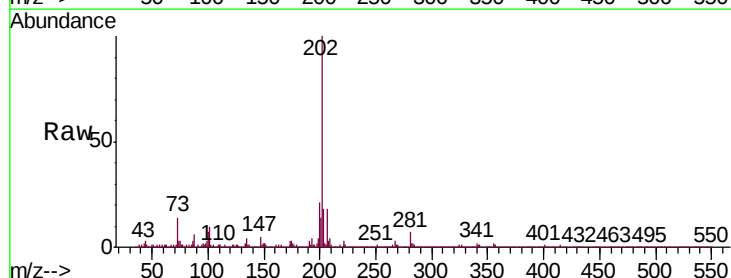
Tgt Ion:202 Resp: 134611

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.3

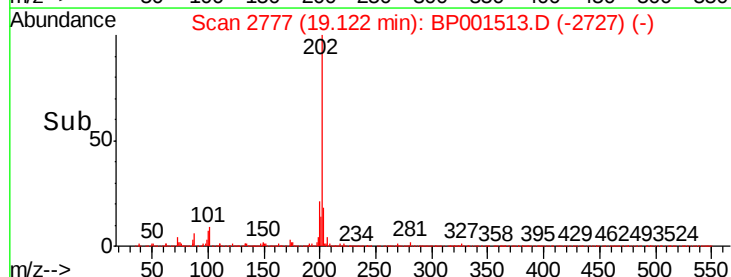
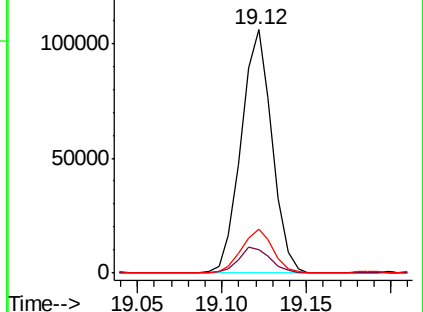
203 18.1 0.0 36.7

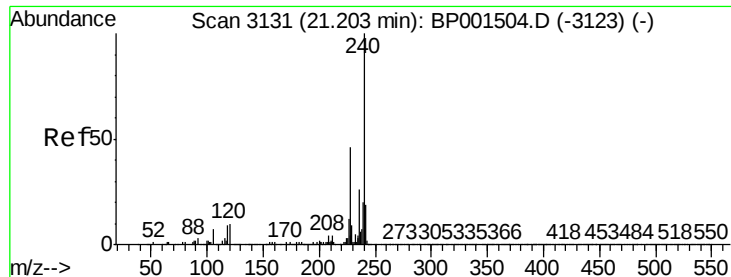


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

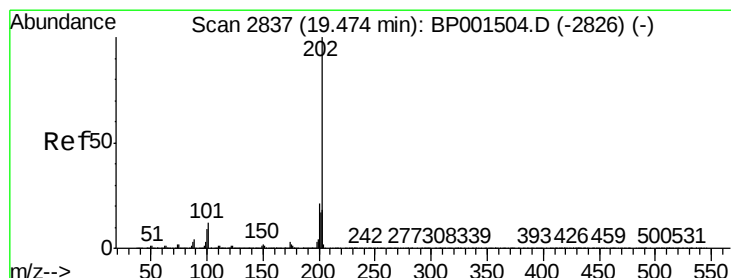
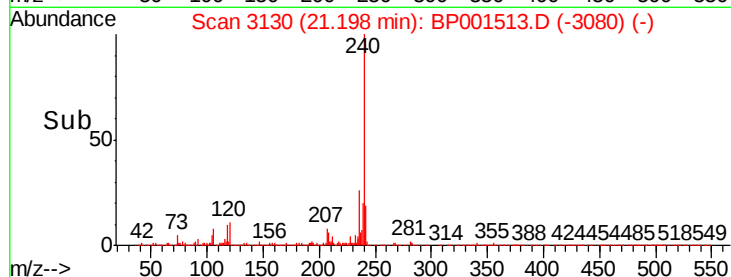
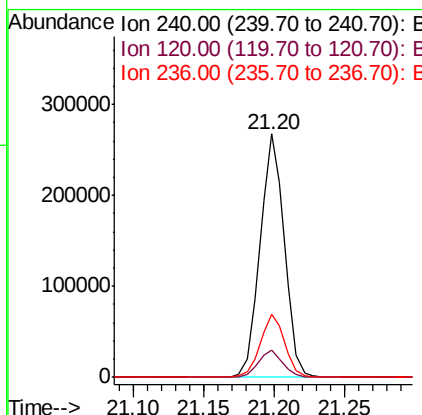
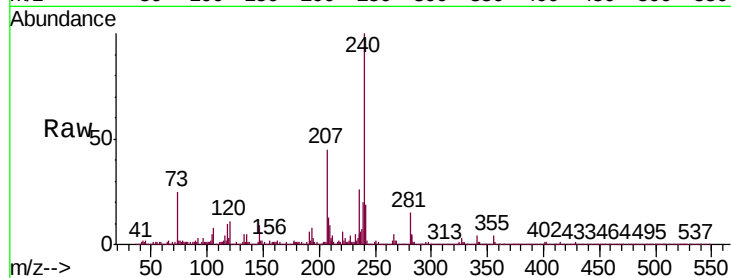




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BP001513.D
Acq: 03 Jan 2020 18:24

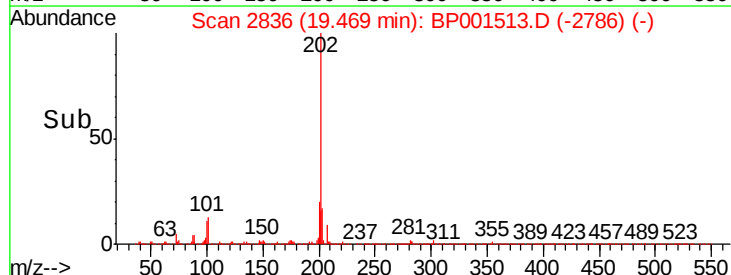
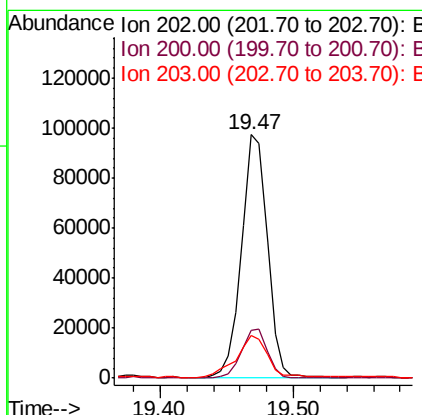
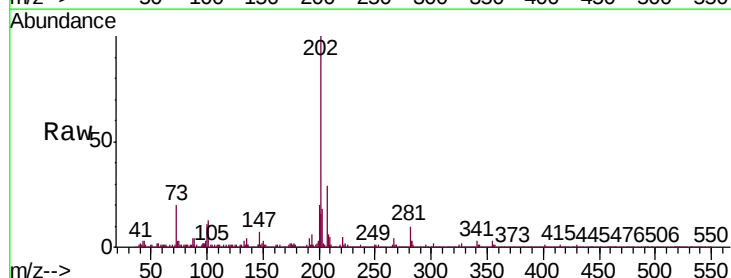
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B5

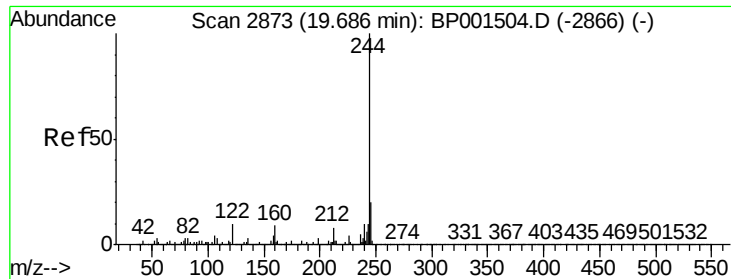
Tgt Ion:240 Resp: 323590
Ion Ratio Lower Upper
240 100
120 11.3 8.1 12.1
236 26.0 20.9 31.3



#78
Pyrene
Concen: 5.558 ng
RT: 19.47 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP001513.D
Acq: 03 Jan 2020 18:24

Tgt Ion:202 Resp: 130507
Ion Ratio Lower Upper
202 100
200 19.8 16.4 24.6
203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 54.055 ng

RT: 19.69 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BP001513.D

Acq: 03 Jan 2020 18:24

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B5

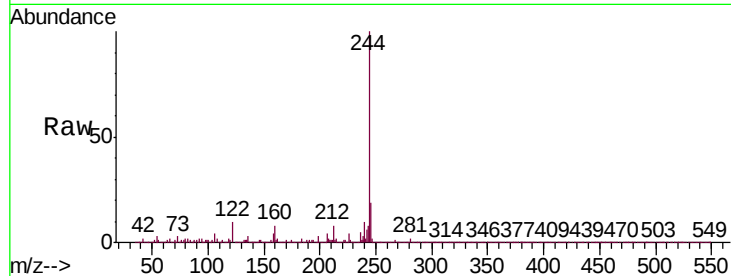
Tgt Ion:244 Resp: 877713

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

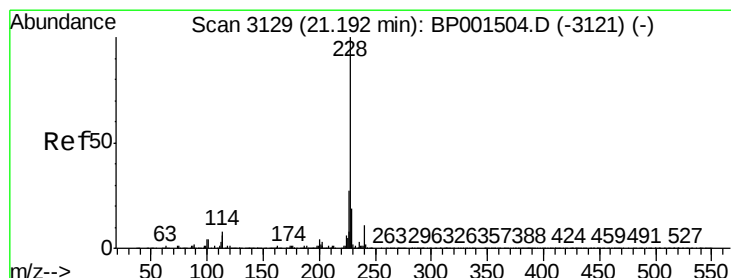
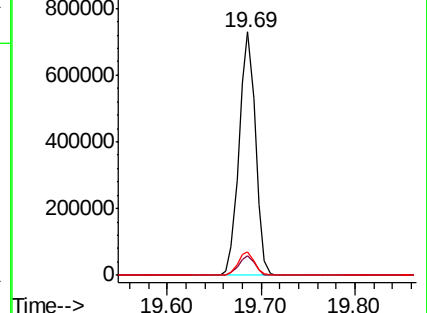
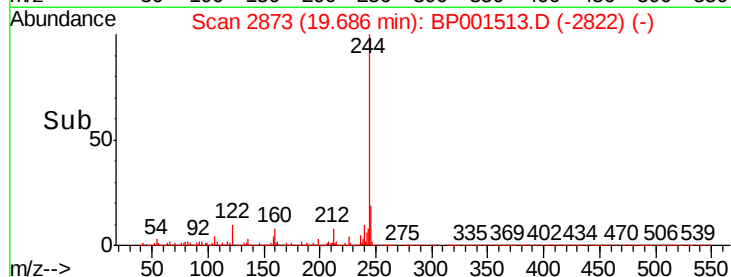
122 9.6 7.8 11.6



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: 2.860 ng

RT: 21.18 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BP001513.D

Acq: 03 Jan 2020 18:24

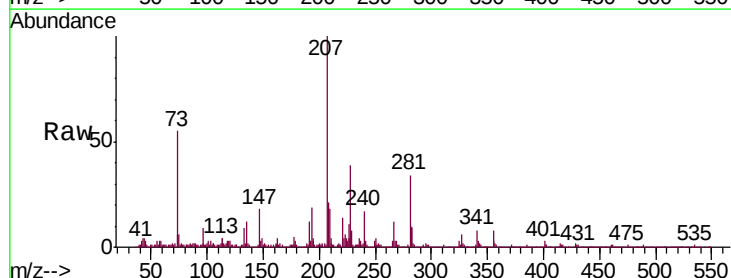
Tgt Ion:228 Resp: 64933

Ion Ratio Lower Upper

228 100

226 27.9 21.5 32.3

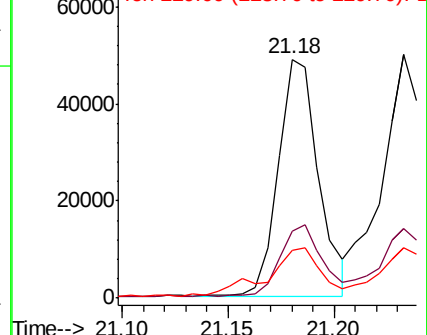
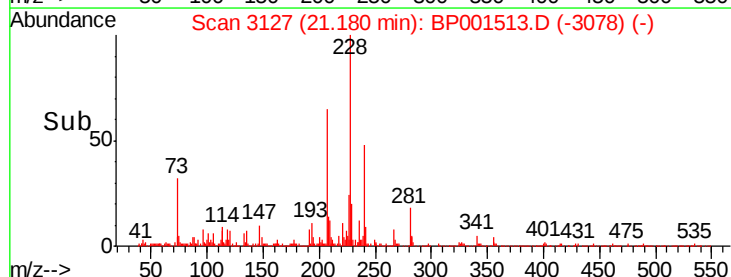
229 20.2 15.4 23.2

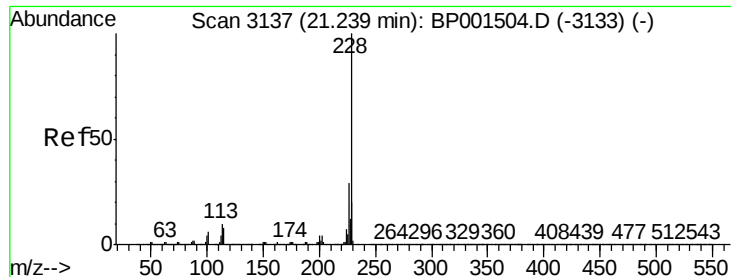


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 3.158 ng

RT: 21.23 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BP001513.D

Acq: 03 Jan 2020 18:24

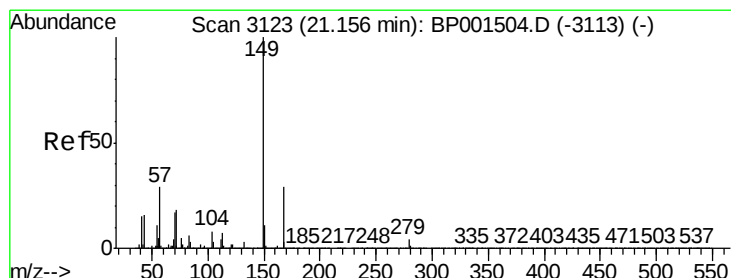
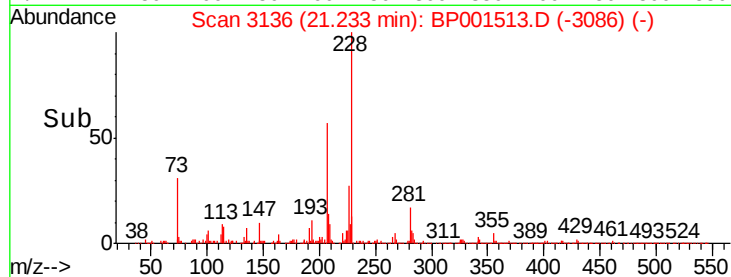
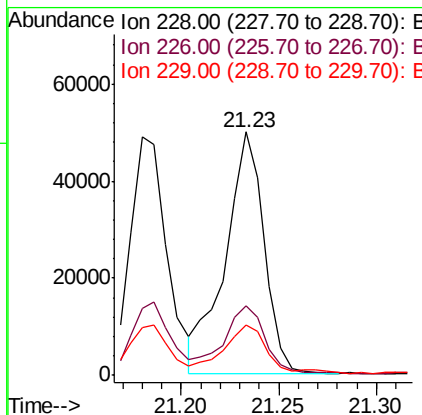
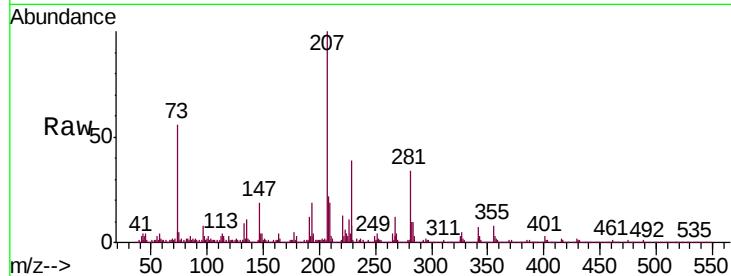
Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B5

Tgt Ion:	228	Resp:	68745
Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	20.8	15.7	23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.846 ng

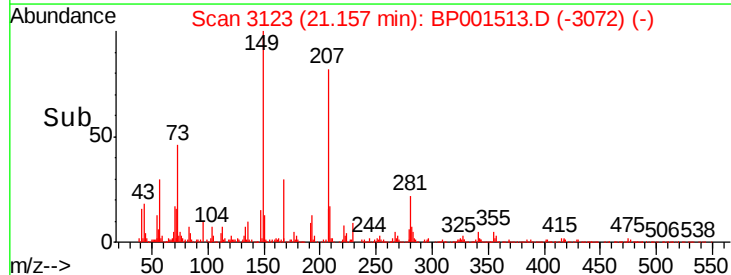
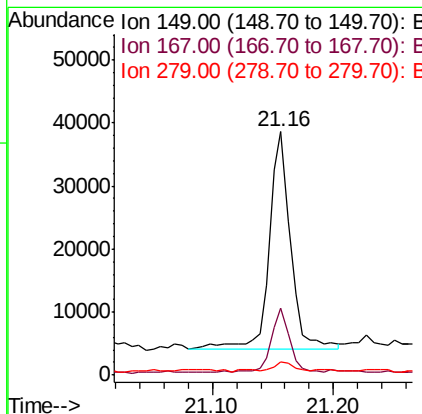
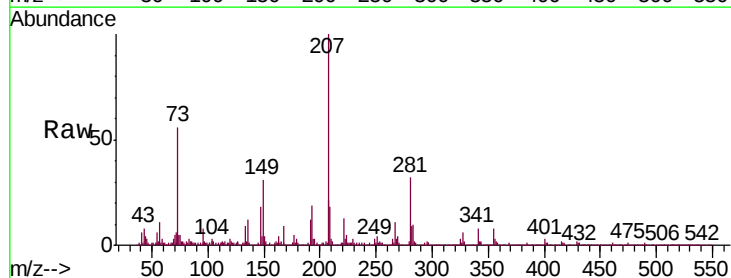
RT: 21.16 min Scan# 3123

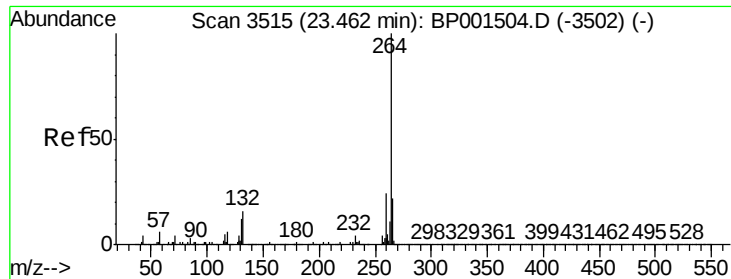
Delta R.T. 0.00 min

Lab File: BP001513.D

Acq: 03 Jan 2020 18:24

Tgt Ion:	149	Resp:	42130
Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.1	34.7
279	5.3	3.4	5.2#



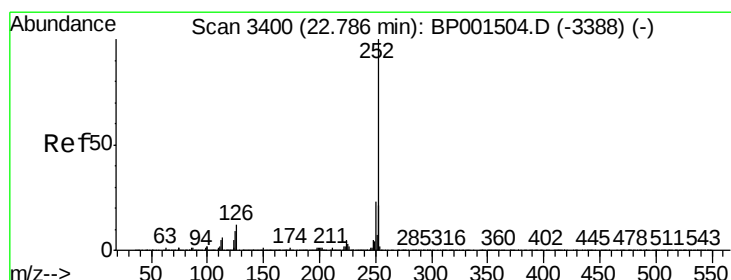
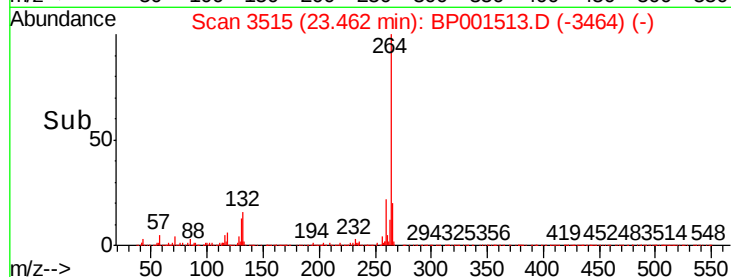
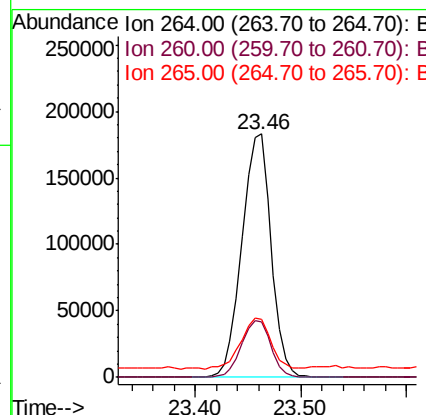
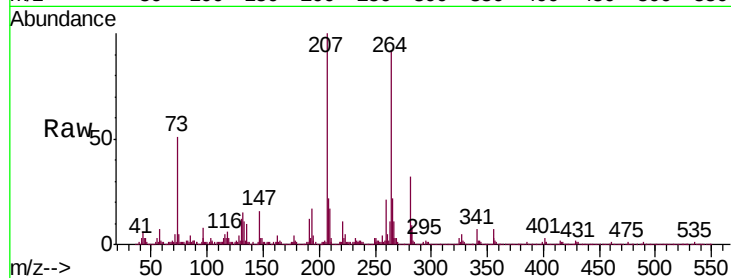


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3515
Delta R.T. 0.00 min
Lab File: BP001513.D
Acq: 03 Jan 2020 18:24

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B5

Tgt Ion: 264 Resp: 347877

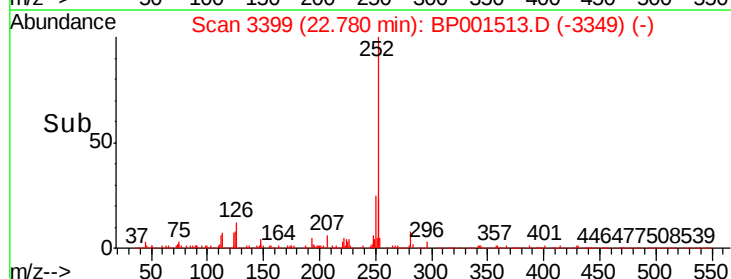
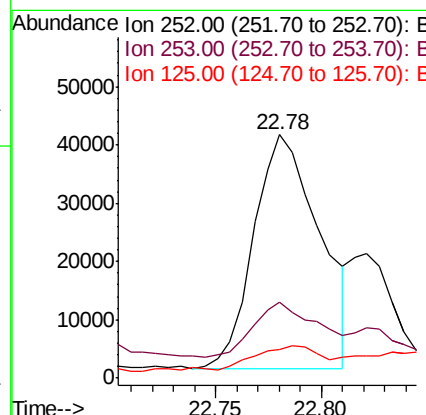
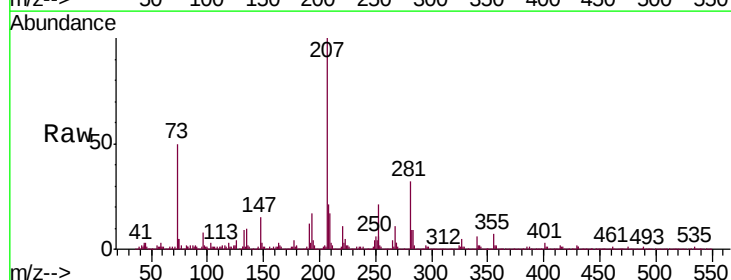
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.0	28.4
265	24.0	17.2	25.8

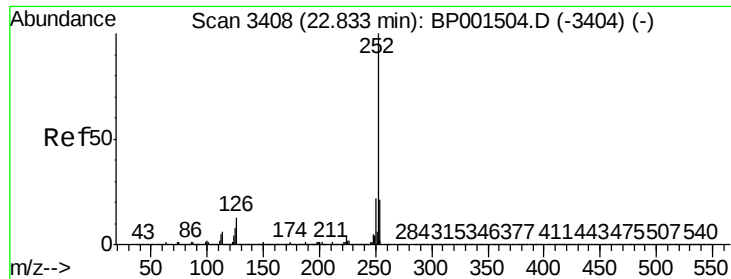


#88
Benzo(b)fluoranthene
Concen: 4.031 ng
RT: 22.78 min Scan# 3399
Delta R.T. -0.01 min
Lab File: BP001513.D
Acq: 03 Jan 2020 18:24

Tgt Ion: 252 Resp: 86835

Ion	Ratio	Lower	Upper
252	100		
253	31.3	17.0	25.6#
125	11.9	7.2	10.8#





#89

Benzo(k)fluoranthene

Concen: 4.209 ng

RT: 22.78 min Scan# 3399

Delta R.T. -0.05 min

Lab File: BP001513.D

Acq: 03 Jan 2020 18:24

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B5

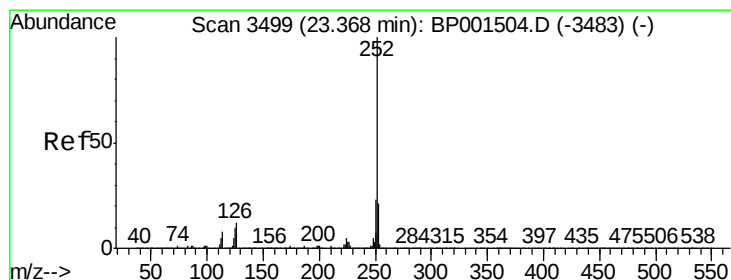
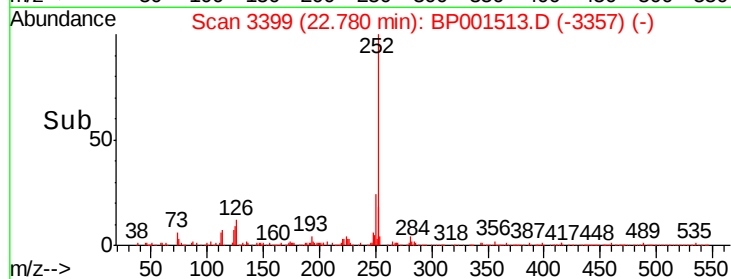
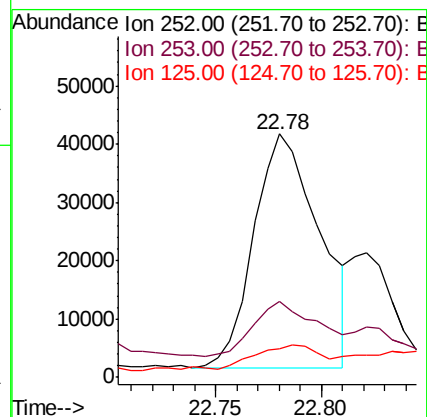
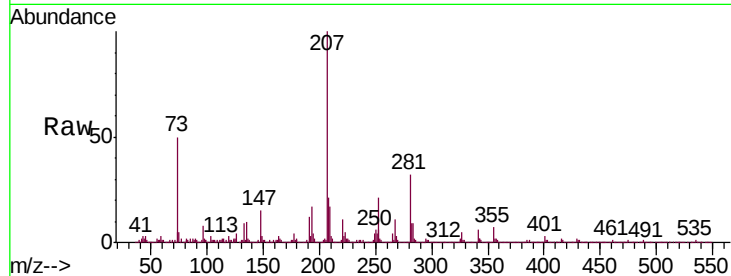
Tgt Ion:252 Resp: 86835

Ion Ratio Lower Upper

252 100

253 31.3 17.0 25.6#

125 11.9 6.6 10.0#



#90

Benzo(a)pyrene

Concen: 3.167 ng

RT: 23.36 min Scan# 3497

Delta R.T. -0.01 min

Lab File: BP001513.D

Acq: 03 Jan 2020 18:24

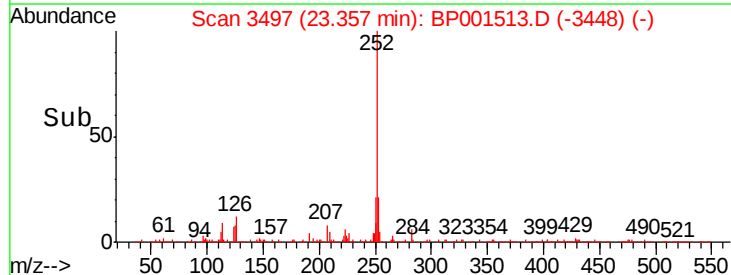
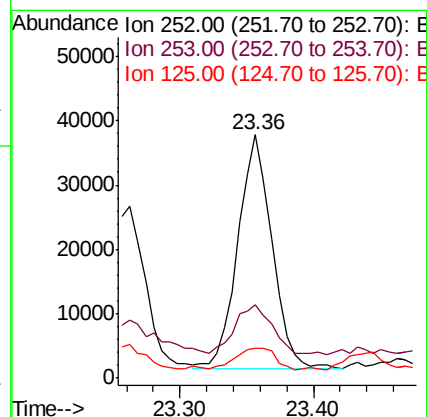
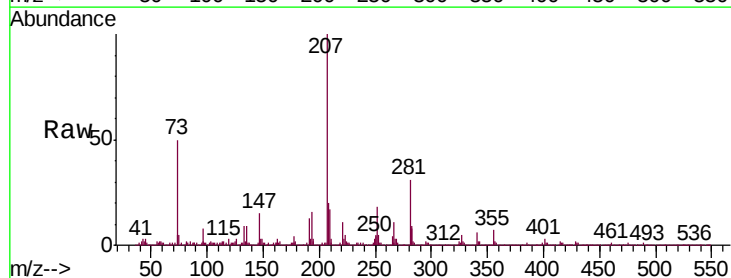
Tgt Ion:252 Resp: 63853

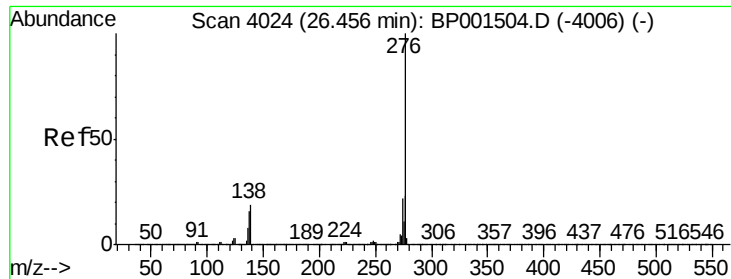
Ion Ratio Lower Upper

252 100

253 30.3 17.1 25.7#

125 12.3 7.7 11.5#





#92

Benzo(g,h,i)perylene

Concen: 2.318 ng

RT: 26.43 min Scan# 4020

Delta R.T. -0.02 min

Lab File: BP001513.D

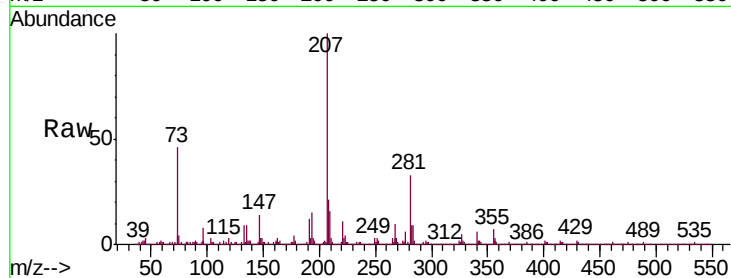
Acq: 03 Jan 2020 18:24

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B5



Tgt Ion:	276	Resp:	46326
Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.7	28.1
138	25.6	15.0	22.4

