

Data File : BP001540.D
Acq On : 06 Jan 2020 21:01
Operator : JU
Sample : K6471-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

Quant Time: Jan 07 02:57:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 06 16:38:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	52584	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	196151	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	131238	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	287795	20.00	ng	0.00
76) Chrysene-d12	21.18	240	225791	20.00	ng	0.00
87) Perylene-d12	23.43	264	236099	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	263195	84.09	ng	0.00
7) Phenol-d6	6.89	99	386039	91.57	ng	0.00
23) Nitrobenzene-d5	8.83	82	271285	68.31	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	162713	109.55	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	552159	61.86	ng	0.00
79) Terphenyl-d14	19.66	244	728460	64.30	ng	0.00

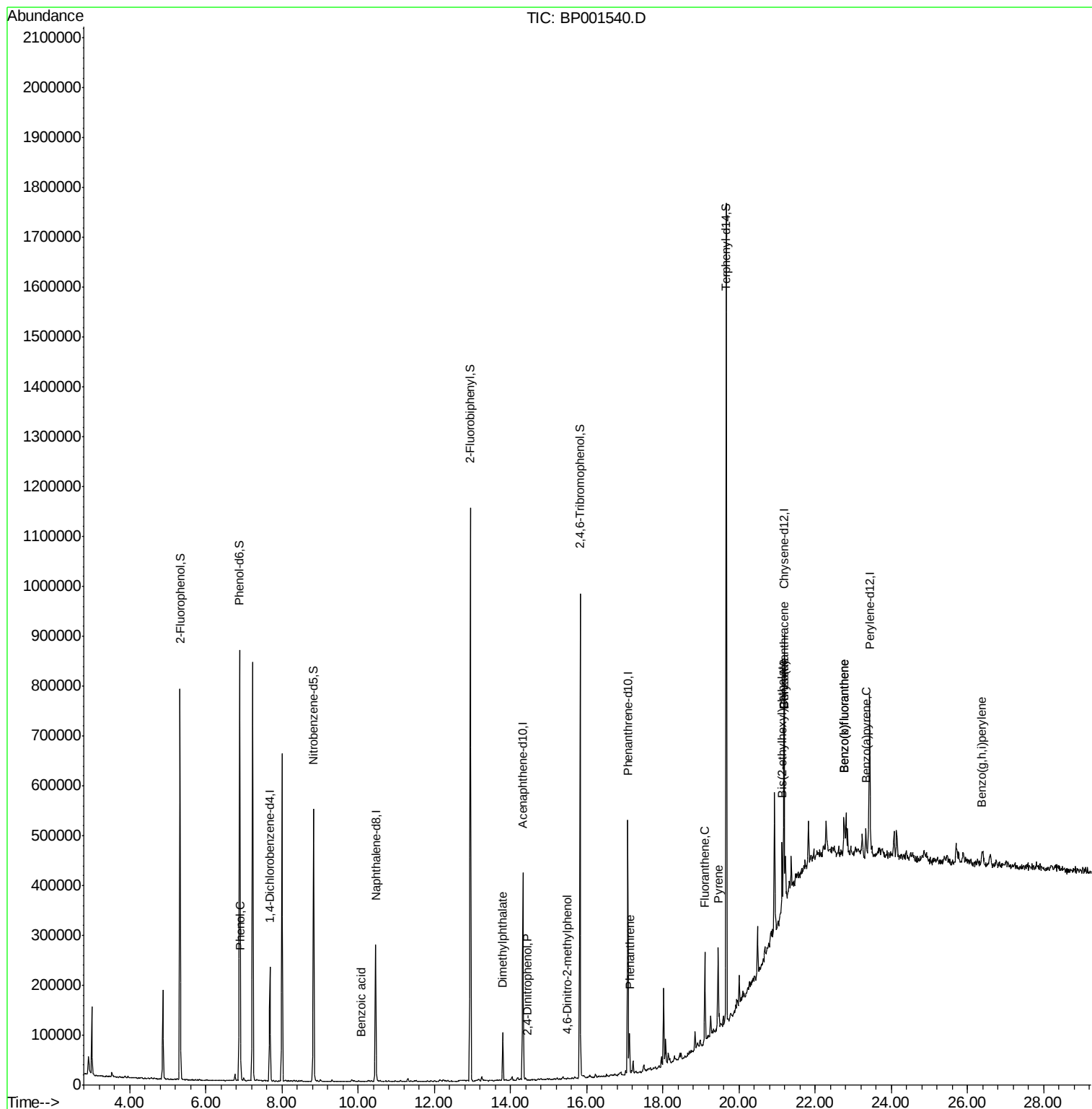
Target Compounds				Qvalue		
9) Benzaldehyde	6.83	77	226	Below Cal	#	72
10) Phenol	6.91	94	14320	3.229	ng	90
32) Benzoic acid	10.09	122	7	7.772	ng	92
50) Dimethylphthalate	13.79	163	52678	5.135	ng	99
54) 2,4-Dinitrophenol	14.43	184	13	6.463	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.48	198	6	5.875	ng	# 1
71) Phenanthrene	17.12	178	45571	2.919	ng	98
75) Fluoranthene	19.10	202	103960	5.502	ng	99
78) Pyrene	19.45	202	97956	5.979	ng	96
81) Benzo(a)anthracene	21.16	228	49023	3.094	ng	94
83) Chrysene	21.16	228	49023	3.227	ng	97
84) Bis(2-ethylhexyl)phthalate	21.13	149	40241	3.896	ng	96
88) Benzo(b)fluoranthene	22.76	252	63582	4.349	ng	# 92
89) Benzo(k)fluoranthene	22.76	252	63582	4.541	ng	# 94
90) Benzo(a)pyrene	23.33	252	41868	3.060	ng	# 92
92) Benzo(g,h,i)perylene	26.38	276	30981	2.284	ng	96

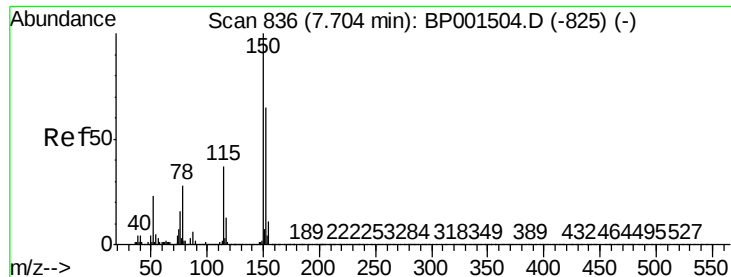
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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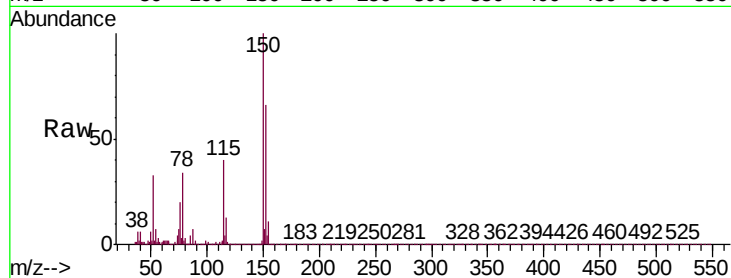


#1

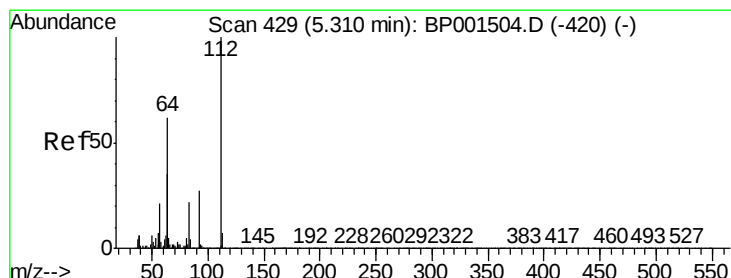
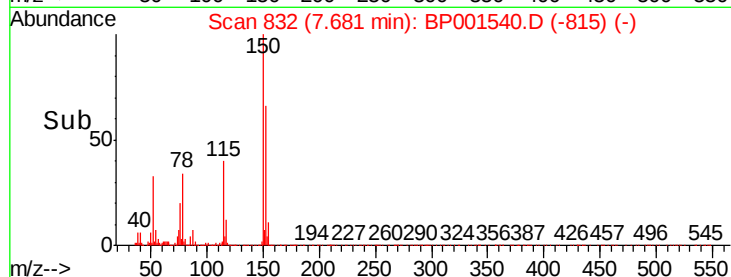
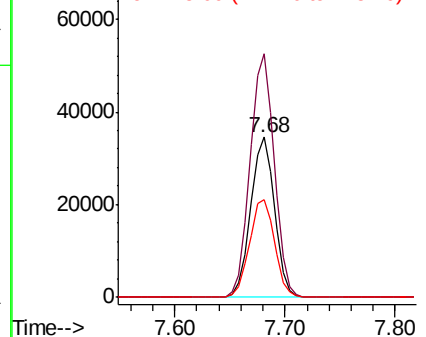
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 832
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

Tgt Ion:152 Resp: 52584
Ion Ratio Lower Upper
152 100
150 152.2 117.9 176.9
115 61.1 50.3 75.5



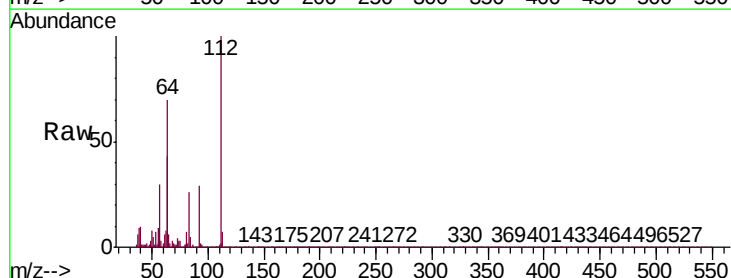
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



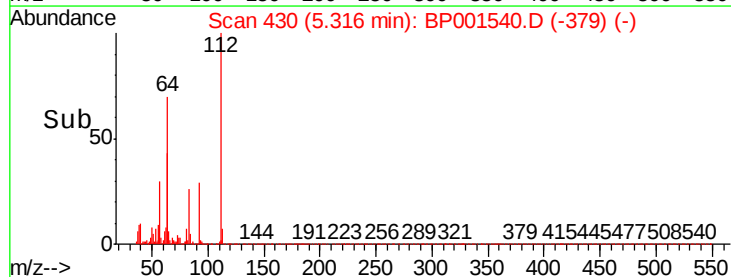
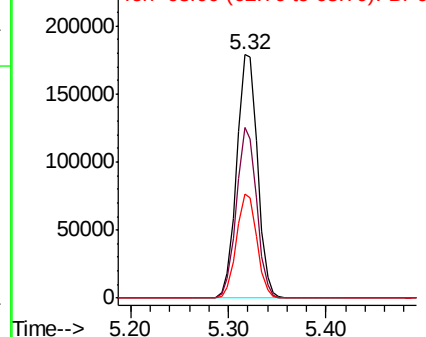
#5

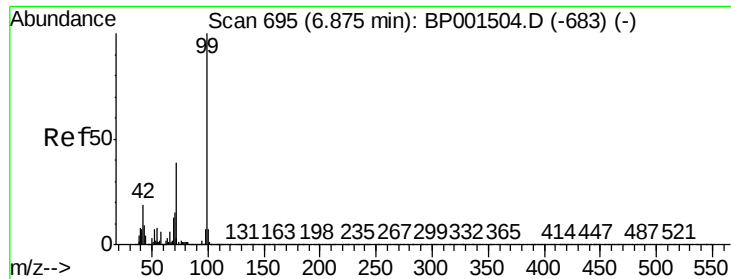
2-Fluorophenol
Concen: 84.088 ng
RT: 5.32 min Scan# 430
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Tgt Ion:112 Resp: 263195
Ion Ratio Lower Upper
112 100
64 70.1 52.6 79.0
63 42.5 32.6 48.8



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: 91.569 ng

RT: 6.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BP001540.D

Acq: 06 Jan 2020 21:01

Instrument :

BNA_P

ClientSampleId :

MC-123019-2-5-COMP-B2

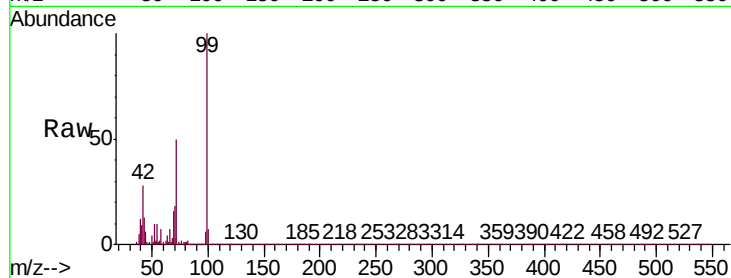
Tgt Ion: 99 Resp: 386039

Ion Ratio Lower Upper

99 100

42 28.0 21.2 31.8

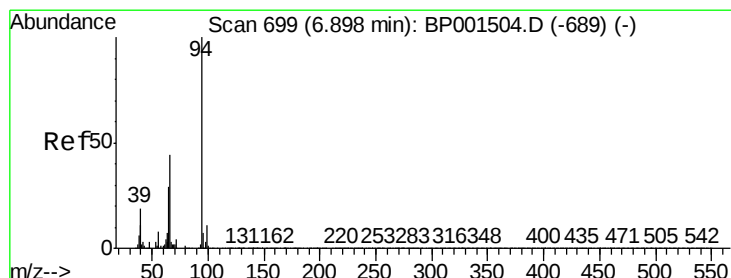
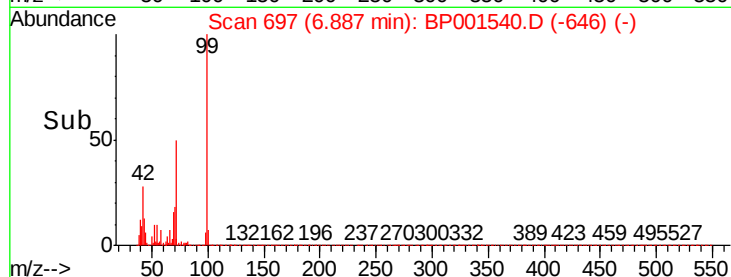
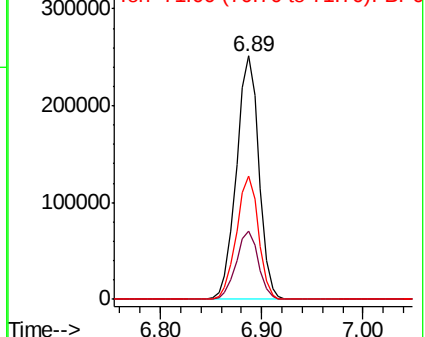
71 50.4 40.0 60.0



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: 3.229 ng

RT: 6.91 min Scan# 701

Delta R.T. -0.00 min

Lab File: BP001540.D

Acq: 06 Jan 2020 21:01

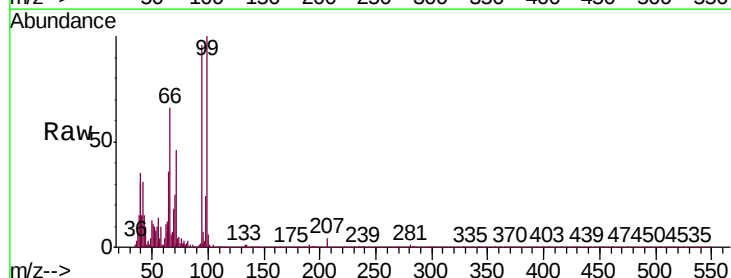
Tgt Ion: 94 Resp: 14320

Ion Ratio Lower Upper

94 100

65 37.1 15.7 55.7

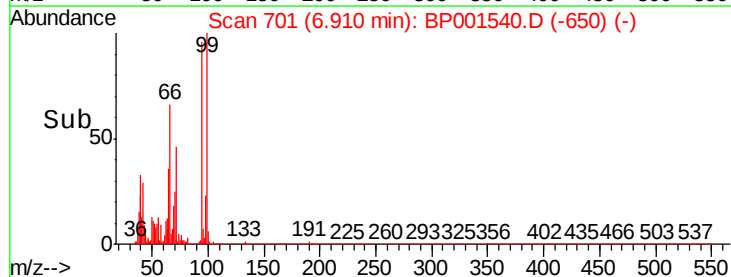
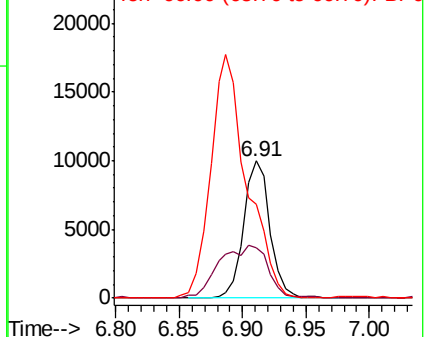
66 68.9 37.8 77.8

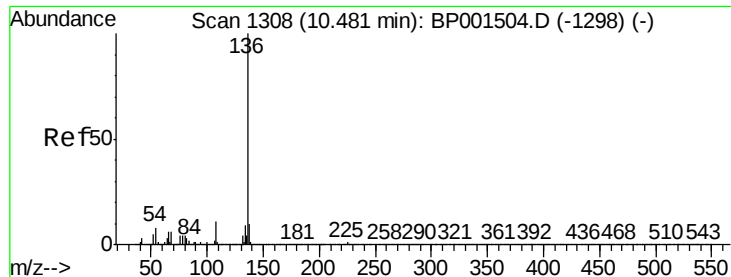


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

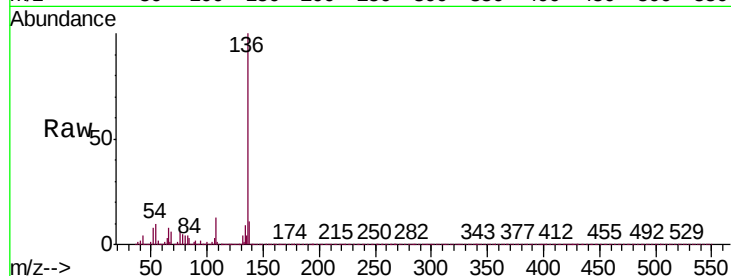




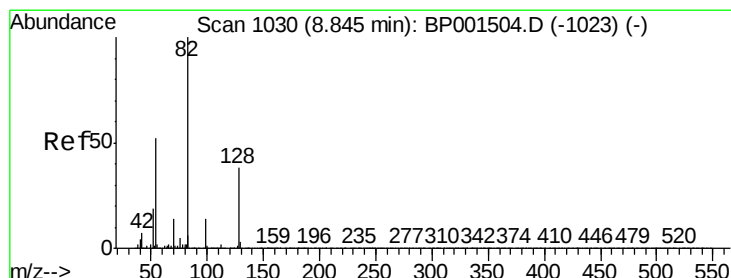
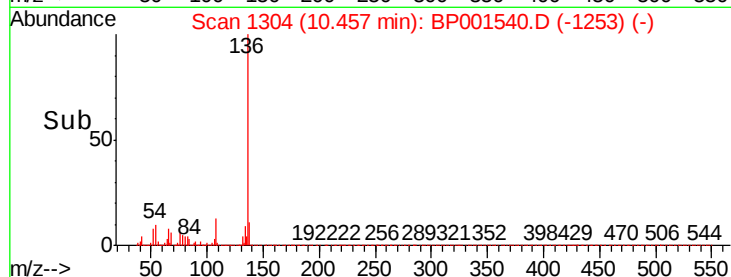
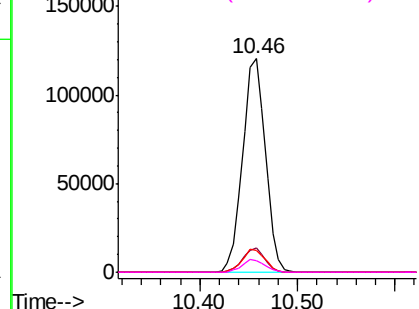
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

Tgt Ion:	136	Resp:	196151
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.3	8.4	12.6
68	5.6	3.8	5.8

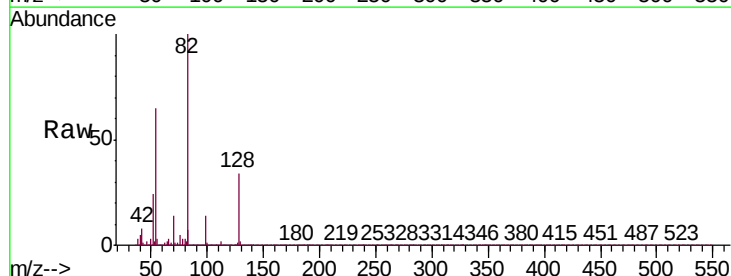


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

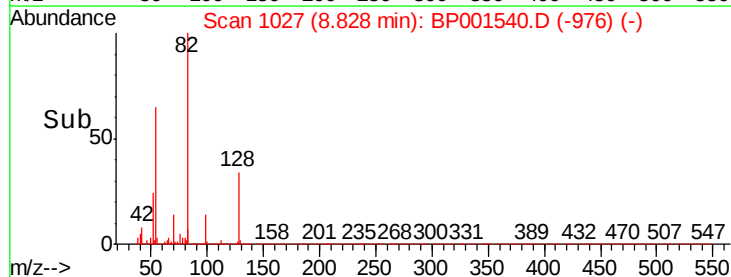
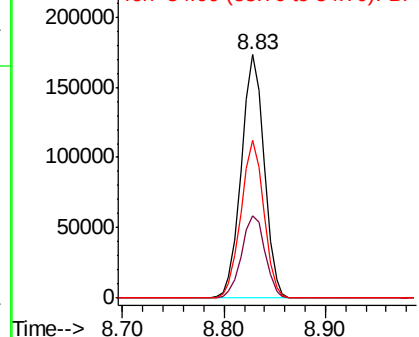


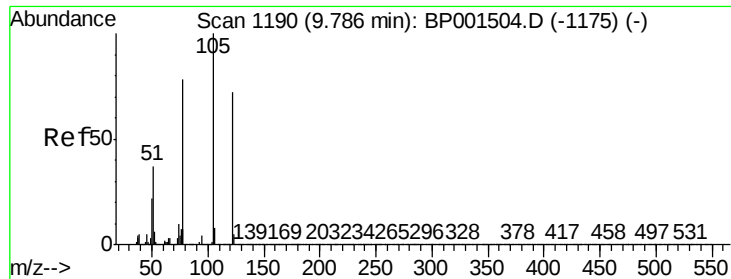
#23
Nitrobenzene-d5
Concen: 68.311 ng
RT: 8.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Tgt Ion:	82	Resp:	271285
Ion	Ratio	Lower	Upper
82	100		
128	34.0	26.9	40.3
54	64.7	51.8	77.8



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

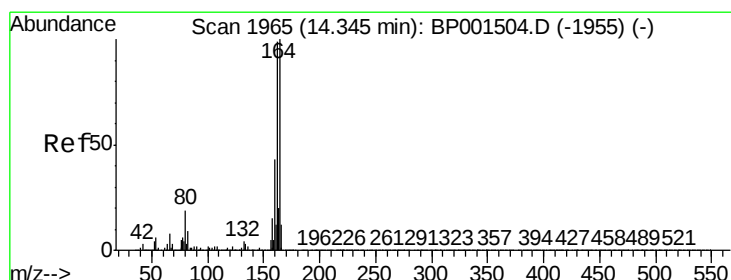
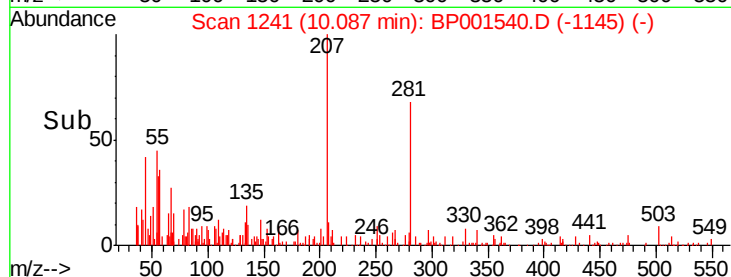
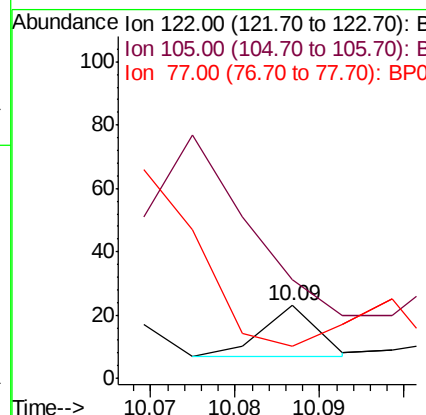
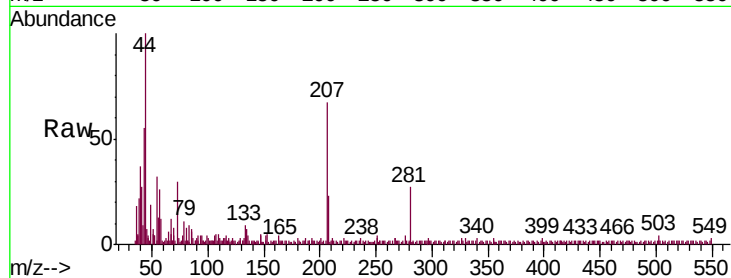




#32
Benzoic acid
Concen: 7.772 ng
RT: 10.09 min Scan# 1241
Delta R.T. 0.26 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

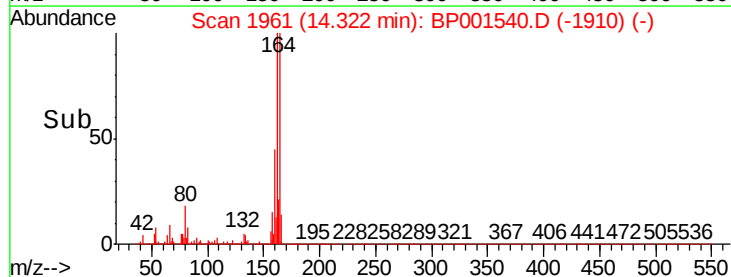
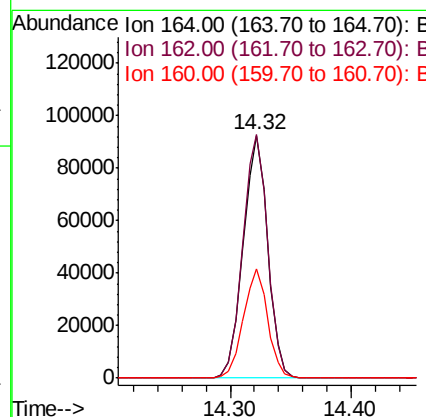
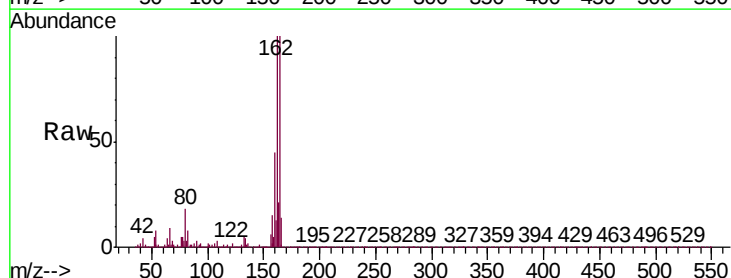
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BNA_P
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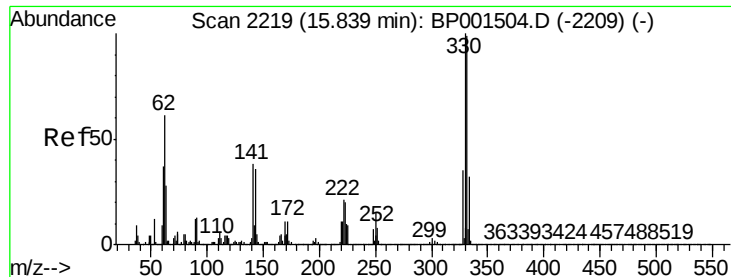
Tgt Ion:122 Resp: 7
Ion Ratio Lower Upper
122 100
105 134.8 111.0 151.0
77 130.4 96.4 136.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Tgt Ion:164 Resp: 131238
Ion Ratio Lower Upper
164 100
162 100.3 79.0 118.4
160 44.8 34.1 51.1

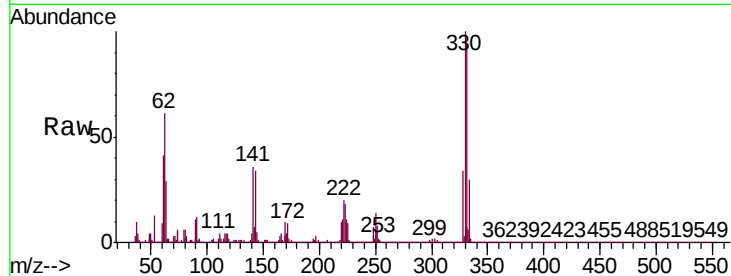




#42
 2,4,6-Tribromophenol
 Concen: 109.548 ng
 RT: 15.82 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BP001540.D
 Acq: 06 Jan 2020 21:01

Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-2-5-COMP-B2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	35.9	28.7	43.1

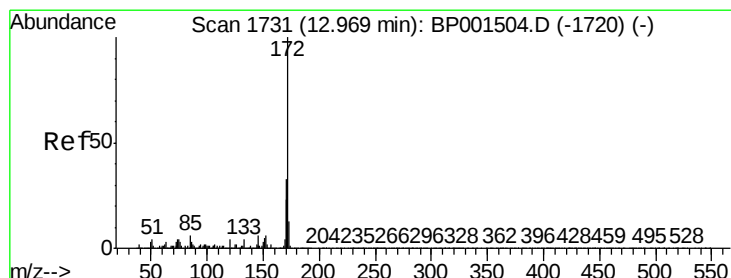
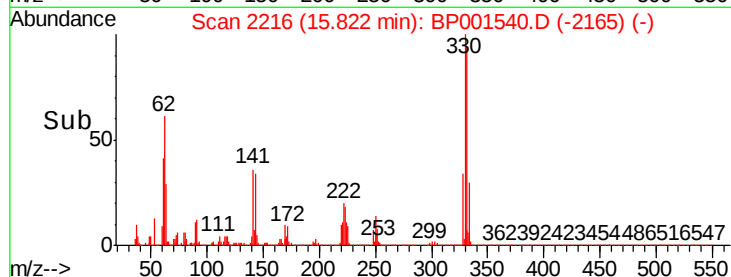
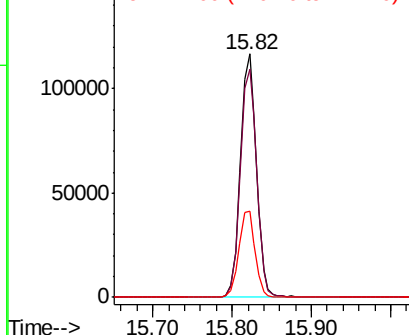


Abundance

Ion 329.80 (329.50 to 330.50): E

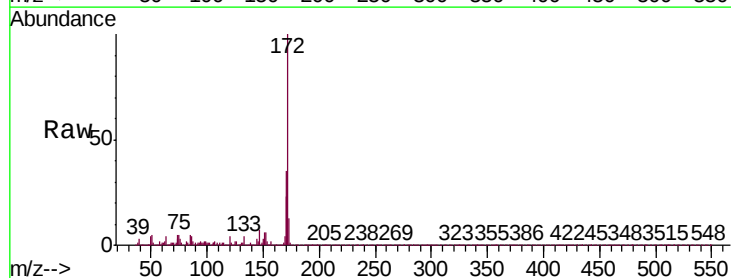
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 61.864 ng
 RT: 12.94 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BP001540.D
 Acq: 06 Jan 2020 21:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	23.0	18.6	27.8

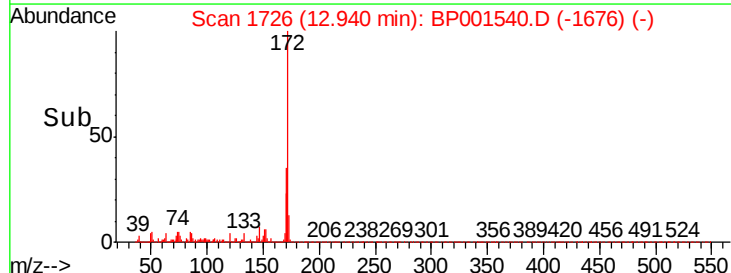
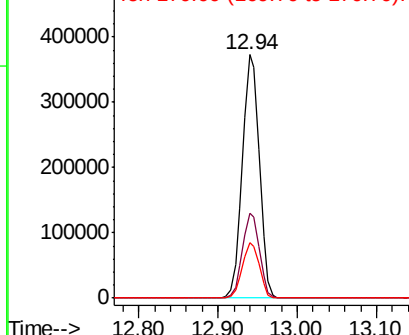


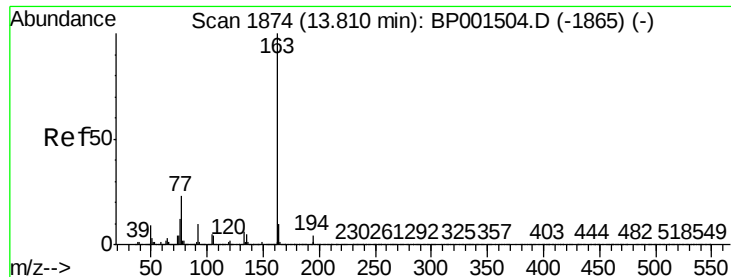
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.135 ng

RT: 13.79 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BP001540.D

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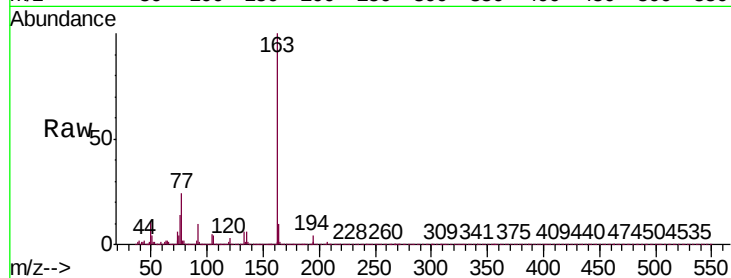
Tgt Ion:163 Resp: 52678

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

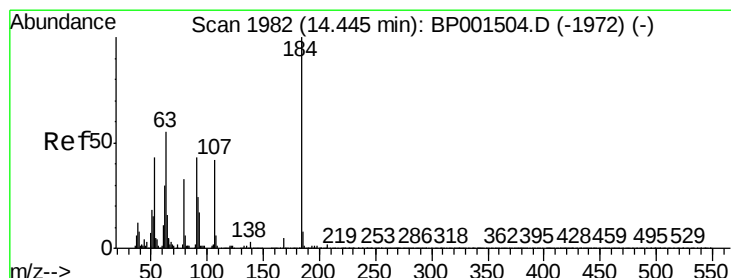
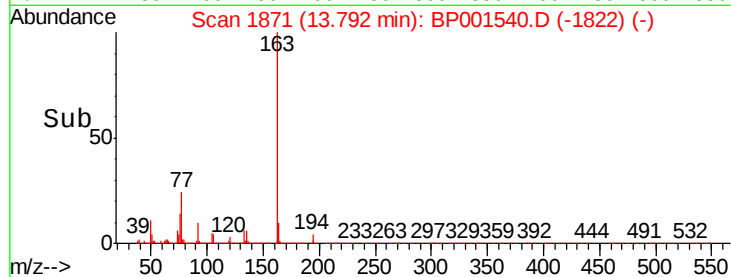
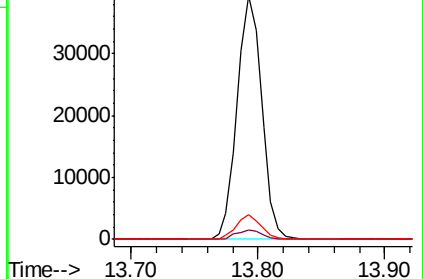
164 10.3 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 6.463 ng

RT: 14.43 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BP001540.D

Acq: 06 Jan 2020 21:01

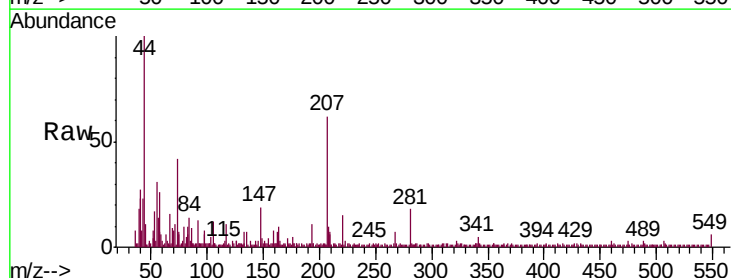
Tgt Ion:184 Resp: 13

Ion Ratio Lower Upper

184 100

63 312.5 61.7 92.5#

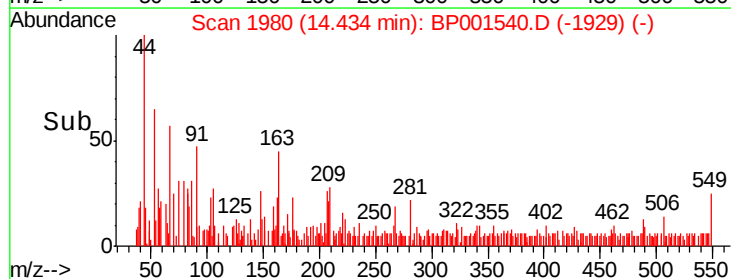
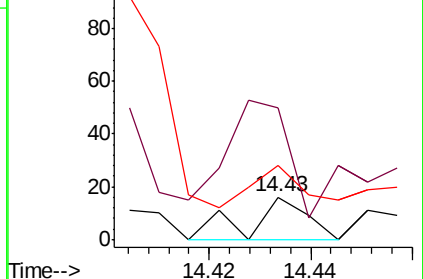
154 175.0 58.9 88.3#

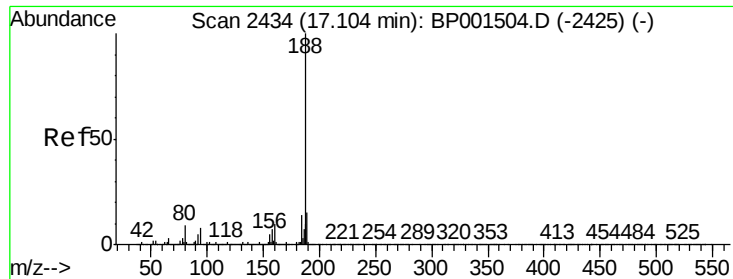


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

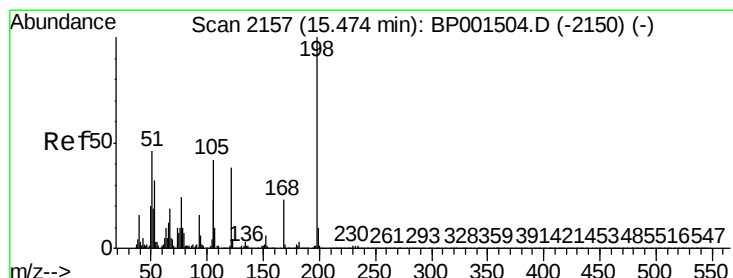
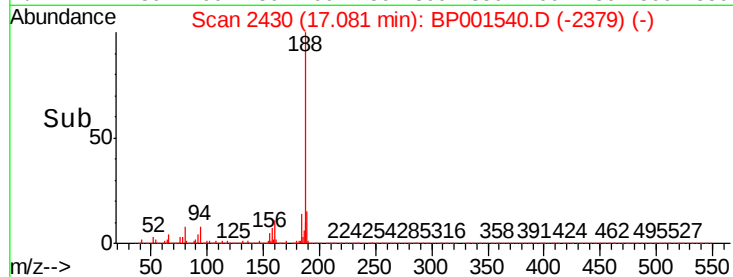
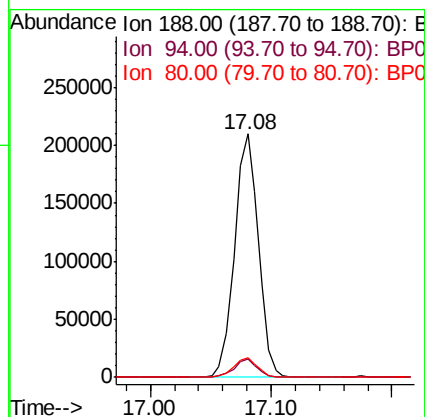
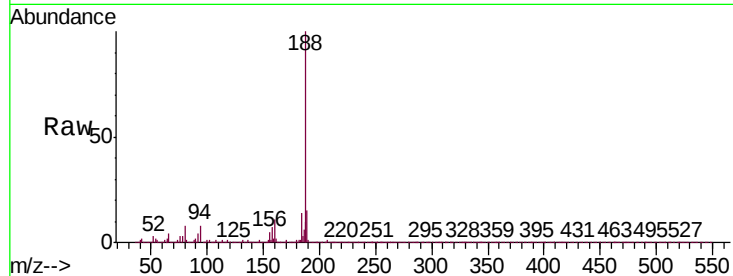




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

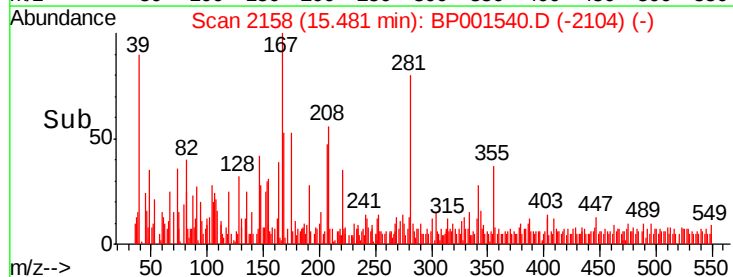
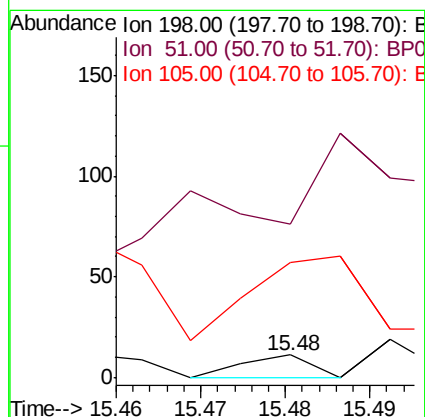
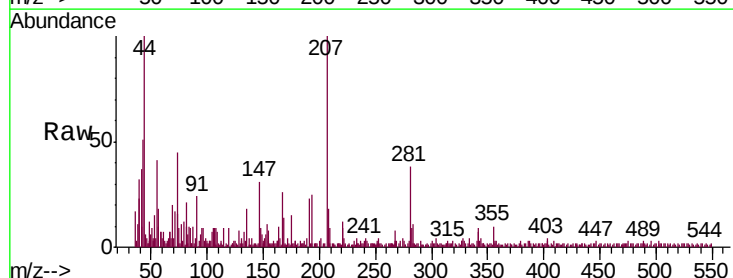
Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

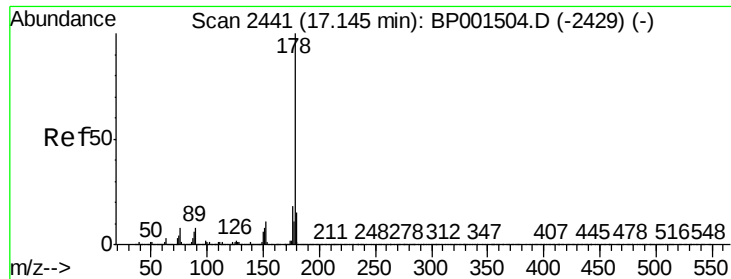
Tgt Ion:188 Resp: 287795
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 7.8 6.3 9.5



#65
4,6-Dinitro-2-methylphenol
Concen: 5.875 ng
RT: 15.48 min Scan# 2158
Delta R.T. 0.02 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 690.9 35.4 75.4#
105 518.2 18.3 58.3#

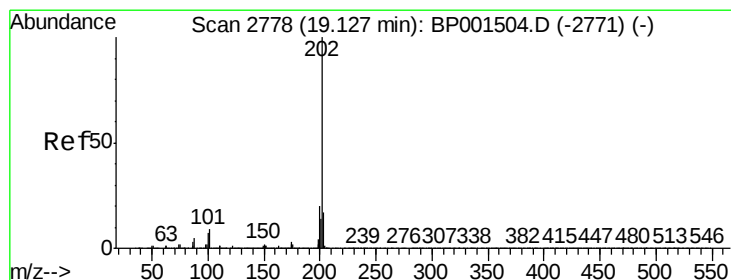
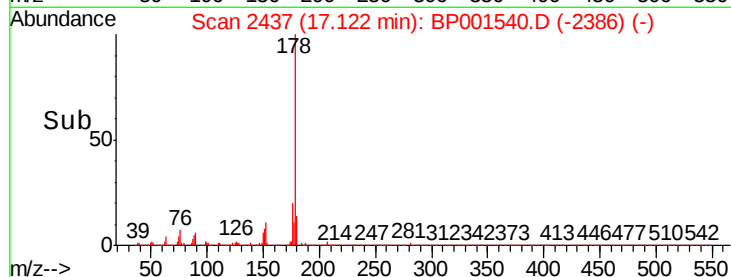
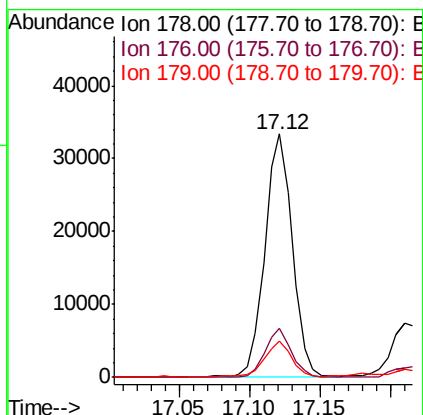
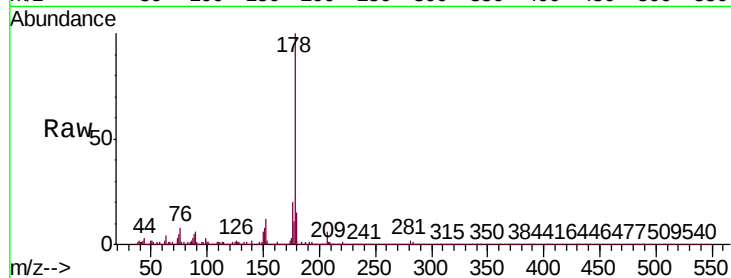




#71
Phenanthrene
Concen: 2.919 ng
RT: 17.12 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

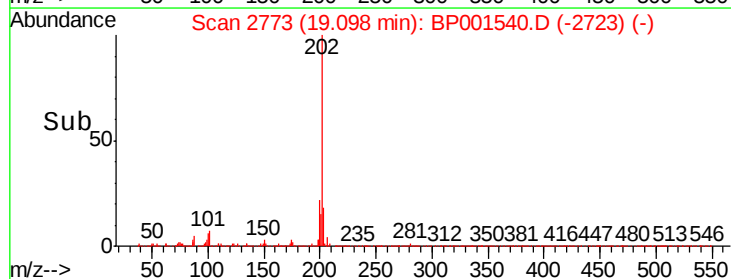
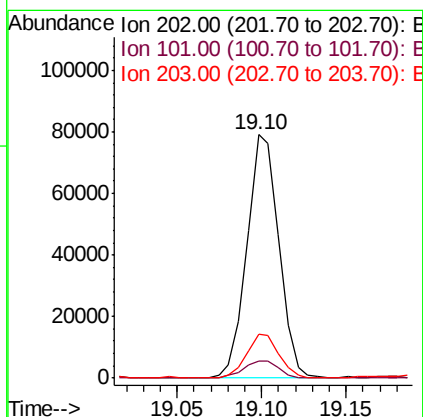
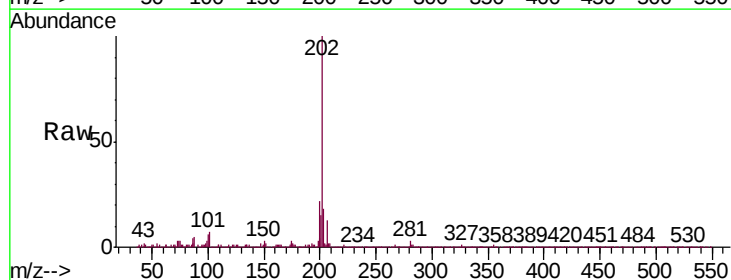
Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

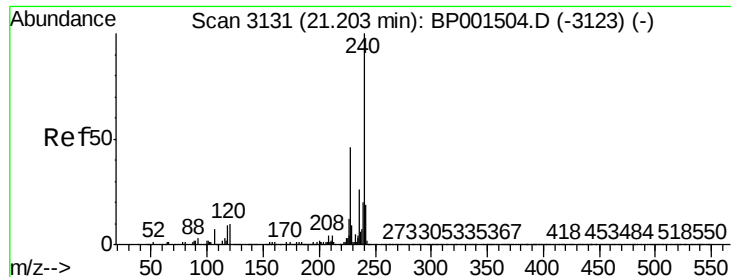
Tgt Ion:178 Resp: 45571
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 14.8 12.2 18.4



#75
Fluoranthene
Concen: 5.502 ng
RT: 19.10 min Scan# 2773
Delta R.T. -0.01 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Tgt Ion:202 Resp: 103960
Ion Ratio Lower Upper
202 100
101 6.8 0.0 27.1
203 18.2 0.0 37.6

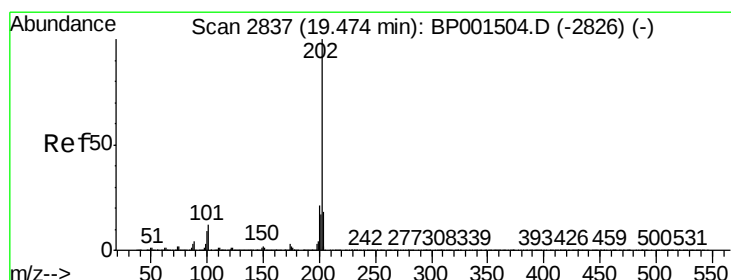
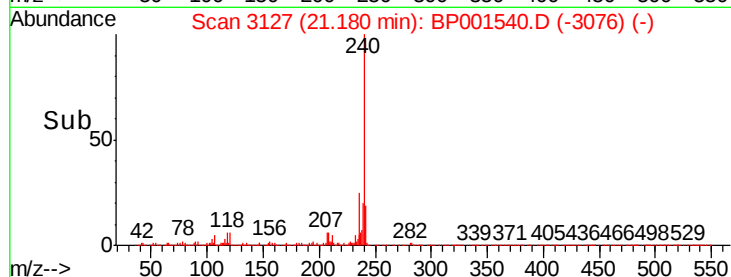
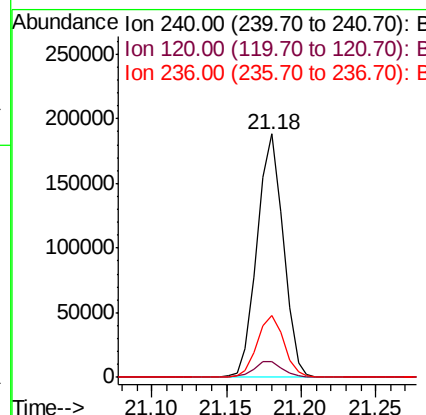
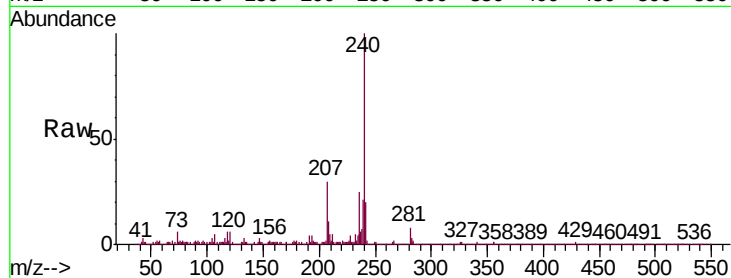




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

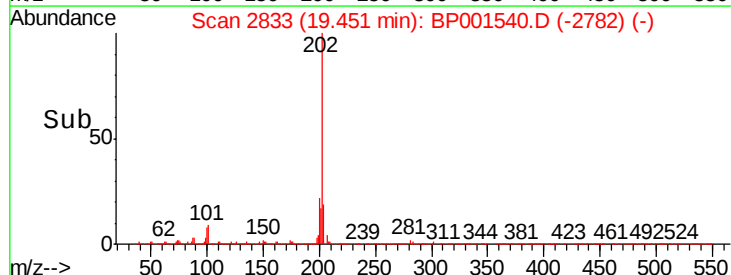
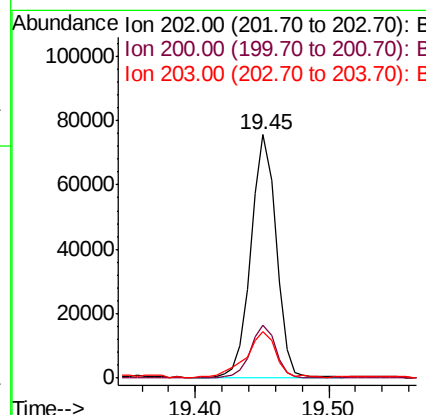
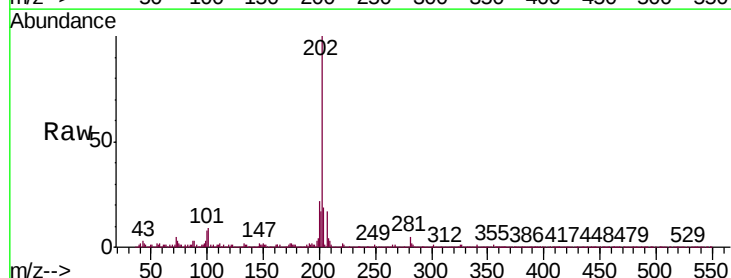
Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

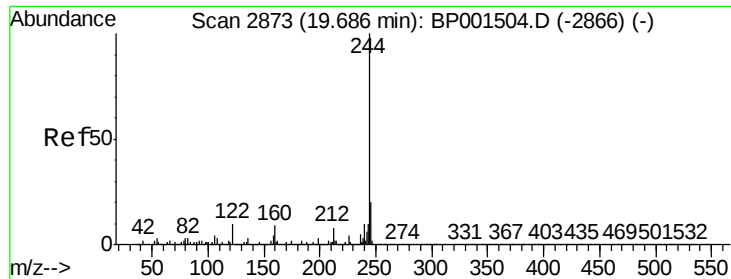
Tgt Ion: 240 Resp: 225791
Ion Ratio Lower Upper
240 100
120 6.3 5.2 7.8
236 25.2 21.4 32.2



#78
Pyrene
Concen: 5.979 ng
RT: 19.45 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Tgt Ion: 202 Resp: 97956
Ion Ratio Lower Upper
202 100
200 21.6 16.2 24.4
203 19.3 13.6 20.4

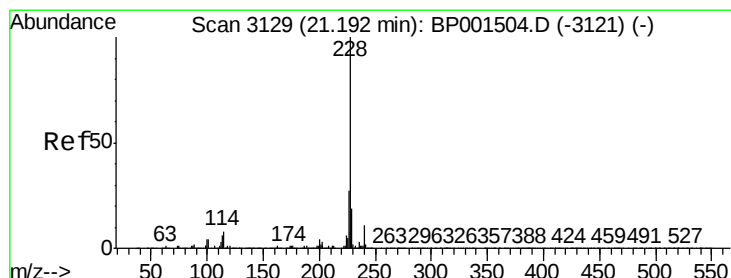
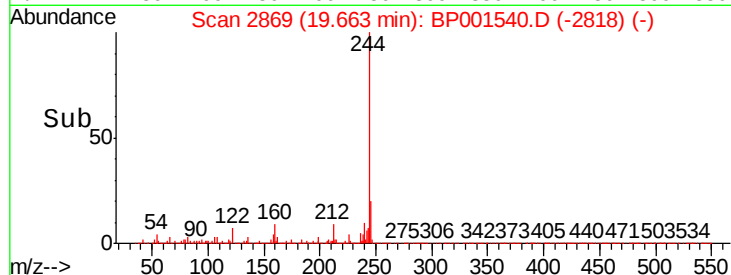
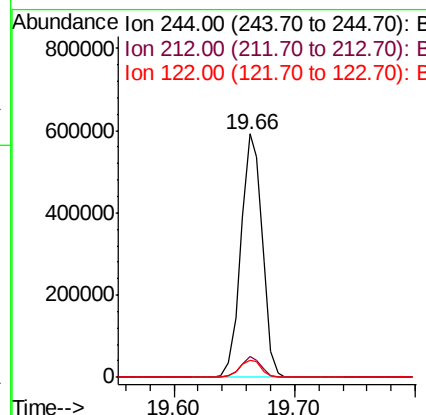
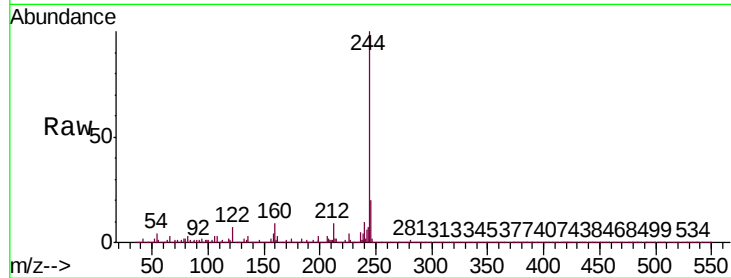




#79
 Terphenyl-d14
 Concen: 64.295 ng
 RT: 19.66 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: BP001540.D
 Acq: 06 Jan 2020 21:01

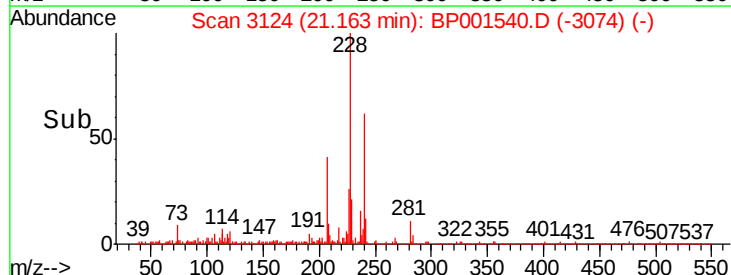
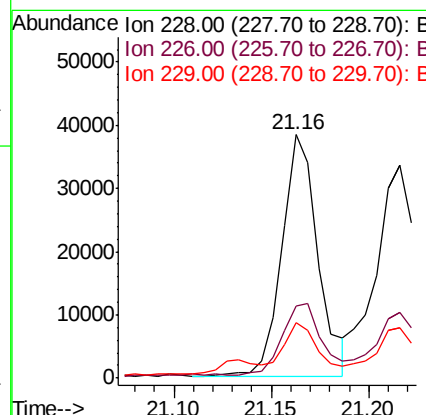
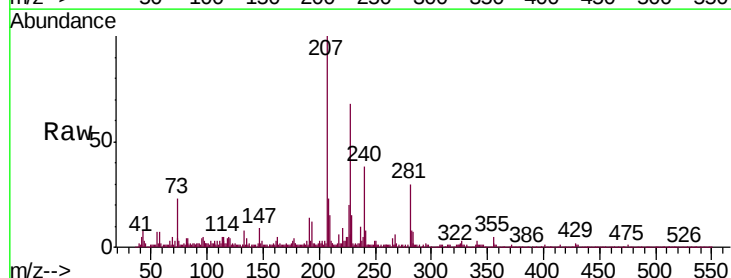
Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-2-5-COMP-B2

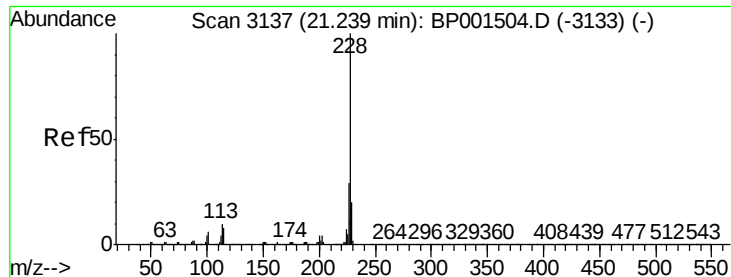
Tgt Ion:	244	Resp:	728460
Ion Ratio	Lower	Upper	
244	100		
212	8.7	6.7	10.1
122	7.2	6.0	9.0



#81
 Benzo(a)anthracene
 Concen: 3.094 ng
 RT: 21.16 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BP001540.D
 Acq: 06 Jan 2020 21:01

Tgt Ion:	228	Resp:	49023
Ion Ratio	Lower	Upper	
228	100		
226	29.5	21.4	32.2
229	22.6	15.5	23.3

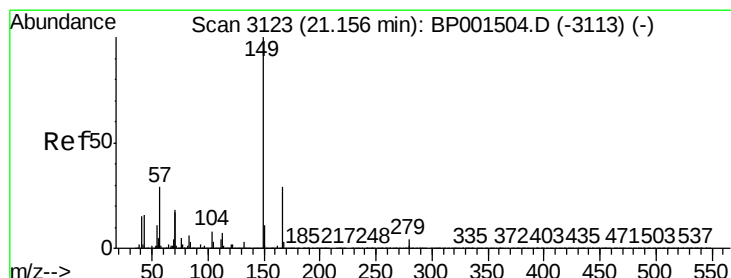
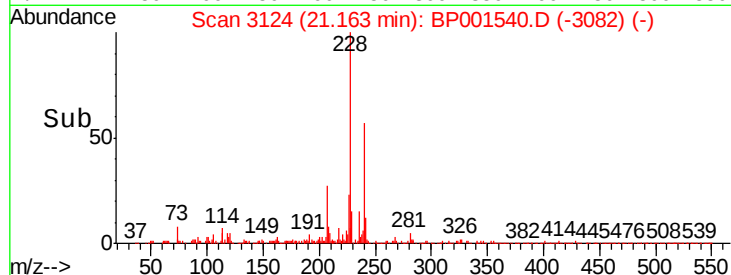
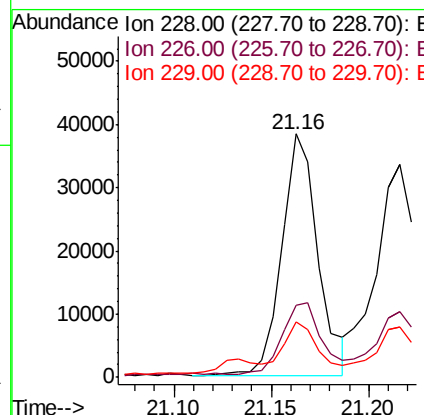
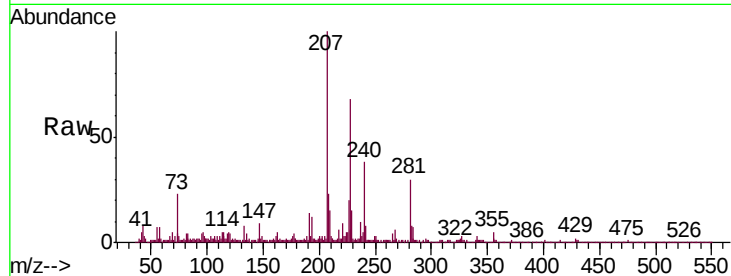




#83
 Chrysene
 Concen: 3.227 ng
 RT: 21.16 min Scan# 3124
 Delta R.T. -0.05 min
 Lab File: BP001540.D
 Acq: 06 Jan 2020 21:01

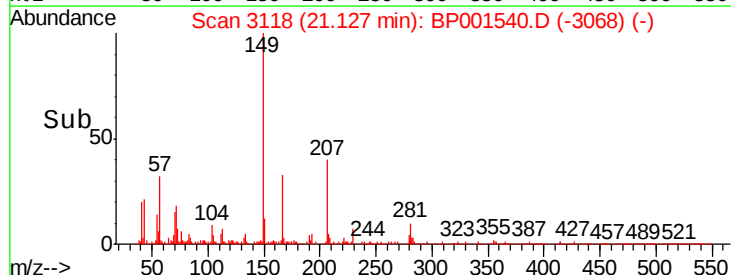
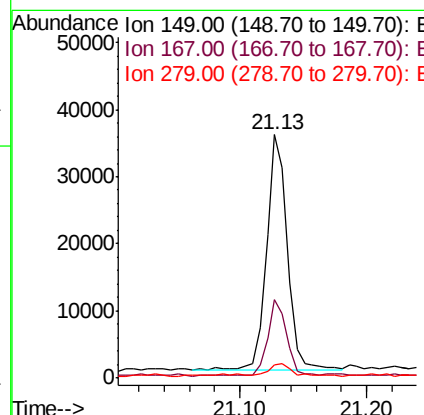
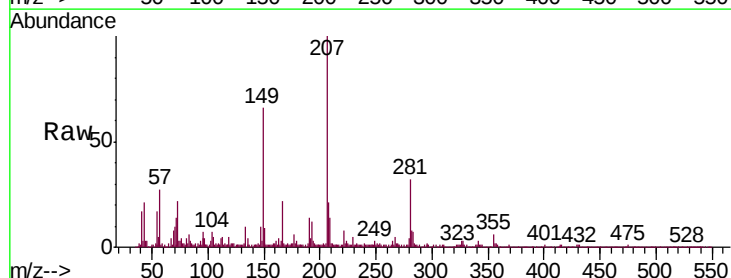
Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-2-5-COMP-B2

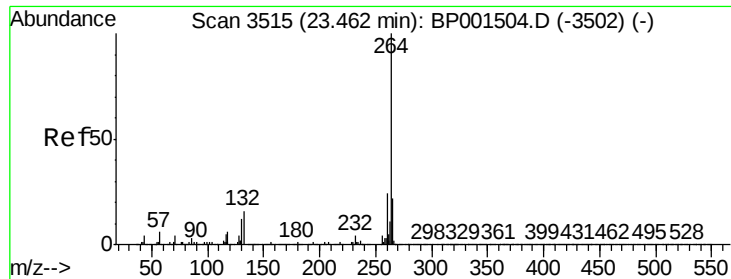
Tgt Ion: 228 Resp: 49023
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.1 34.7
 229 22.6 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.896 ng
 RT: 21.13 min Scan# 3118
 Delta R.T. -0.01 min
 Lab File: BP001540.D
 Acq: 06 Jan 2020 21:01

Tgt Ion: 149 Resp: 40241
 Ion Ratio Lower Upper
 149 100
 167 32.4 24.0 36.0
 279 5.5 4.2 6.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.43 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BP001540.D

Acq: 06 Jan 2020 21:01

Instrument :

BNA_P

ClientSampleId :

MC-123019-2-5-COMP-B2

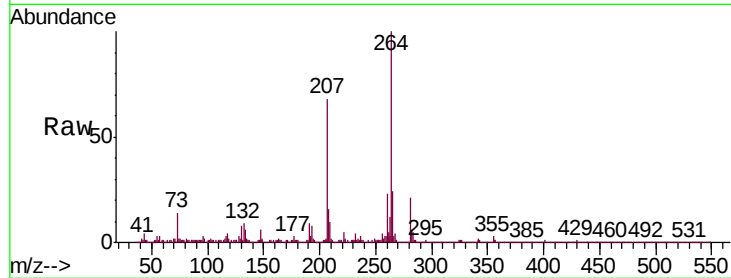
Tgt Ion:264 Resp: 236099

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

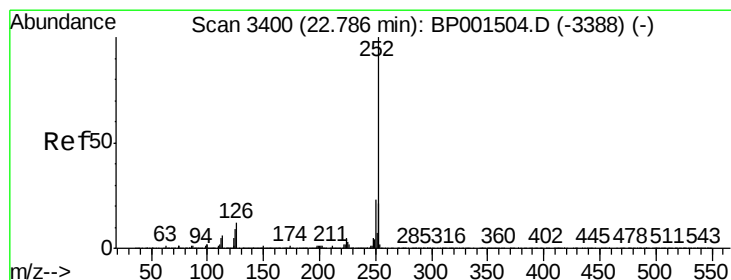
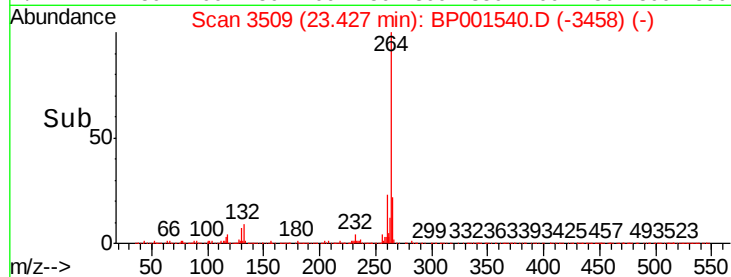
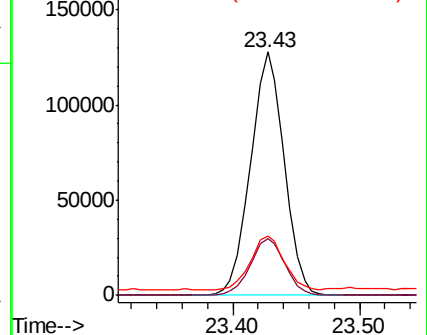
265 24.1 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 4.349 ng

RT: 22.76 min Scan# 3395

Delta R.T. 0.01 min

Lab File: BP001540.D

Acq: 06 Jan 2020 21:01

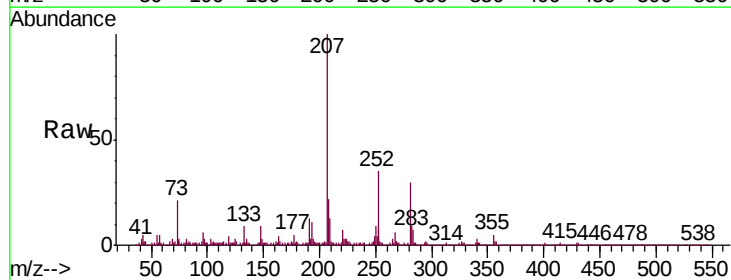
Tgt Ion:252 Resp: 63582

Ion Ratio Lower Upper

252 100

253 24.4 16.7 25.1

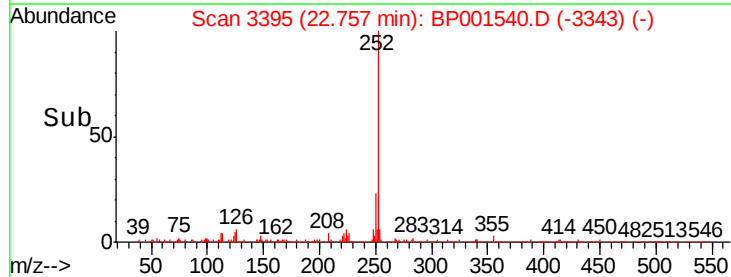
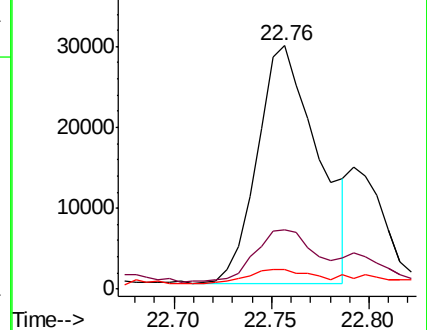
125 8.0 4.2 6.2#

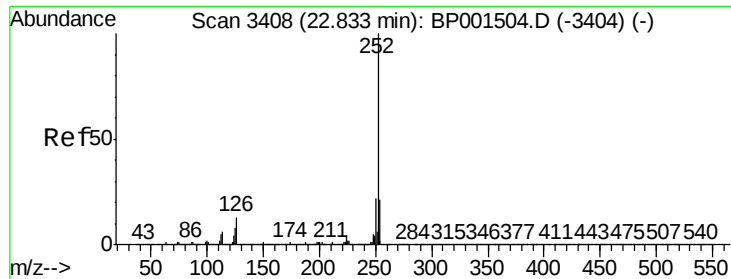


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

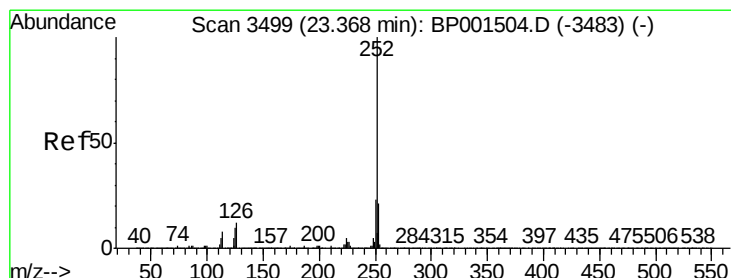
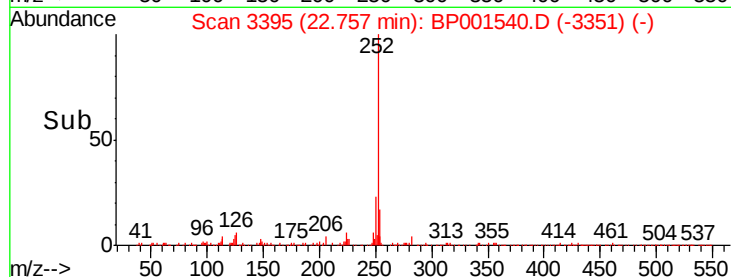
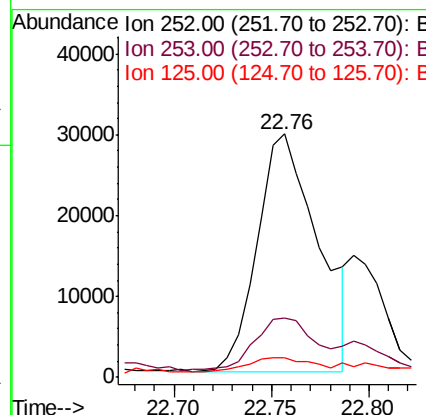
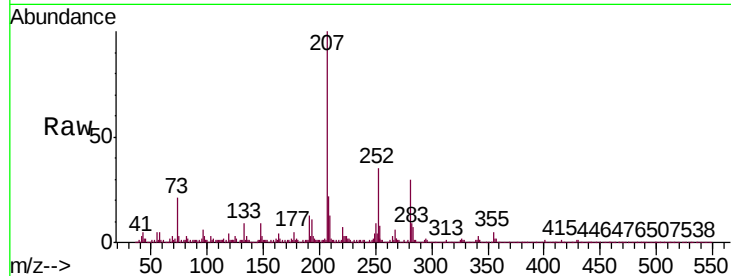




#89
Benzo(k)fluoranthene
Concen: 4.541 ng
RT: 22.76 min Scan# 3395
Delta R.T. -0.04 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

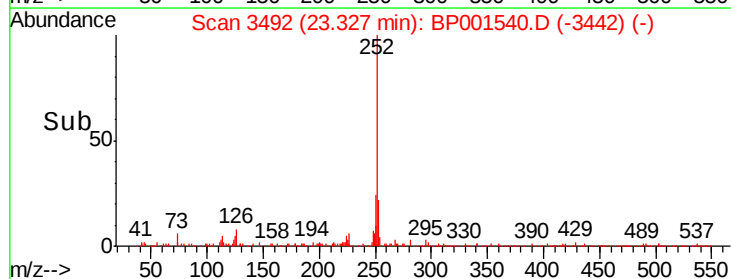
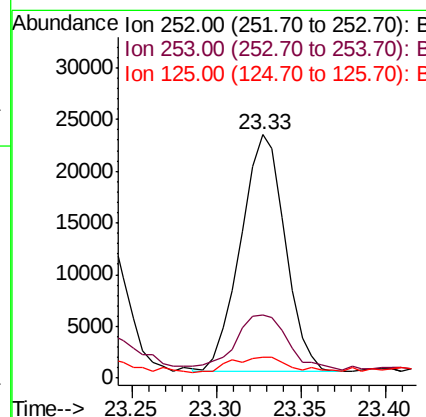
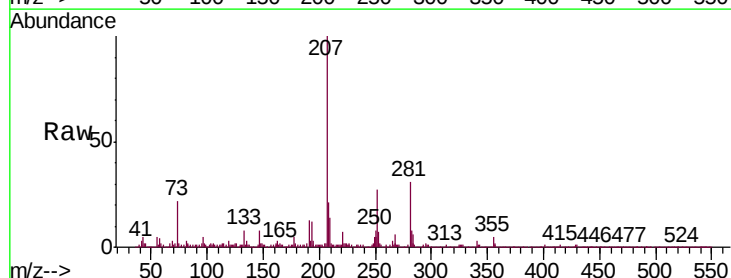
Instrument :
BNA_P
ClientSampleId :
MC-123019-2-5-COMP-B2

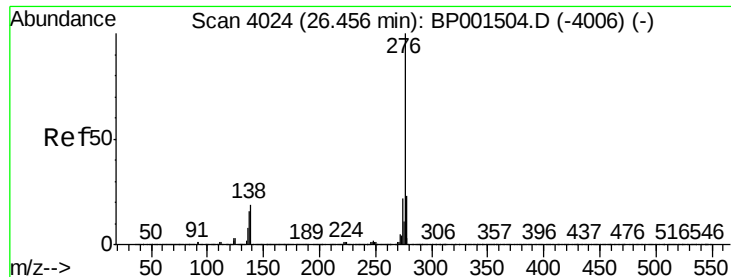
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.3	25.9
125	8.0	4.8	7.2#



#90
Benzo(a)pyrene
Concen: 3.060 ng
RT: 23.33 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BP001540.D
Acq: 06 Jan 2020 21:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.8	26.8
125	8.4	4.6	6.8#





#92

Benzo(g,h,i)perylene

Concen: 2.284 ng

RT: 26.38 min Scan# 4011

Delta R.T. -0.02 min

Lab File: BP001540.D

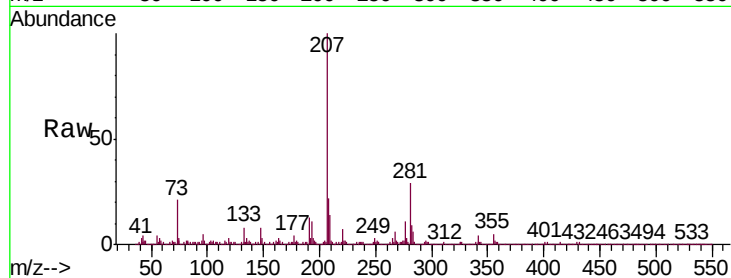
Acq: 06 Jan 2020 21:01

Instrument :

BNA_P

ClientSampleId :

MC-123019-2-5-COMP-B2



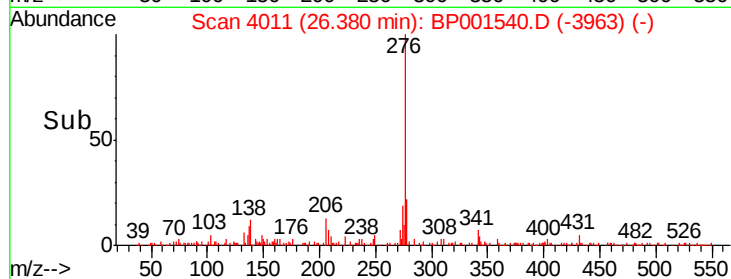
Tgt Ion: 276 Resp: 30981

Ion Ratio Lower Upper

276 100

277 26.3 18.9 28.3

138 13.0 10.1 15.1



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

