

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
 Data File : BP001535.D
 Acq On : 06 Jan 2020 18:13
 Operator : JU
 Sample : K6471-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-0-2-COMP-B1

Quant Time: Jan 07 03:09:31 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

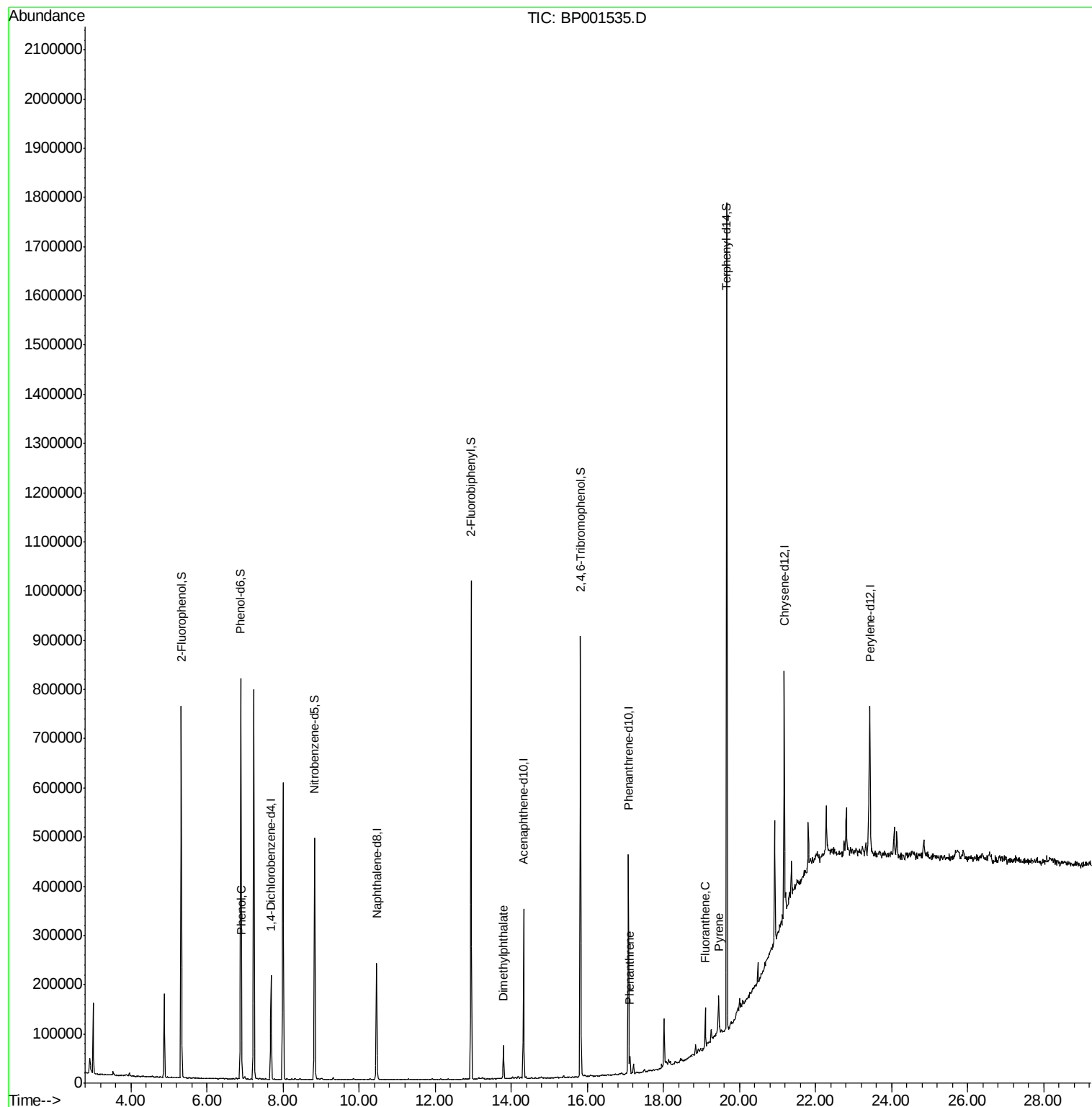
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	48154	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	168919	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	109486	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	250571	20.00	ng	0.00
76) Chrysene-d12	21.18	240	211389	20.00	ng	0.00
87) Perylene-d12	23.43	264	222195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	252154	87.97	ng	0.00
7) Phenol-d6	6.89	99	356545	92.35	ng	0.00
23) Nitrobenzene-d5	8.83	82	243973	71.34	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	144552	116.66	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	489994	65.81	ng	0.00
79) Terphenyl-d14	19.66	244	751846	70.88	ng	0.00
Target Compounds						
10) Phenol	6.91	94	11042	2.719	ng	80
50) Dimethylphthalate	13.79	163	38573	4.507	ng	99
71) Phenanthrene	17.12	178	28465	2.094	ng	95
75) Fluoranthene	19.10	202	47352	2.878	ng	98
78) Pyrene	19.45	202	43833	2.858	ng	99

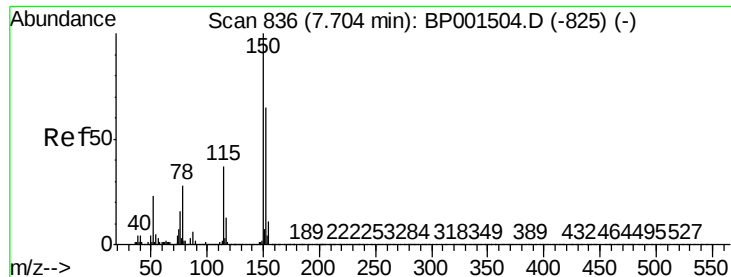
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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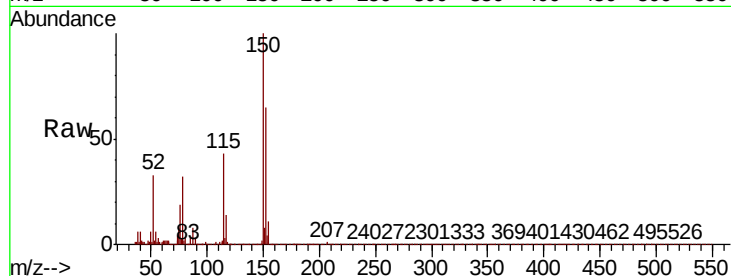


#1

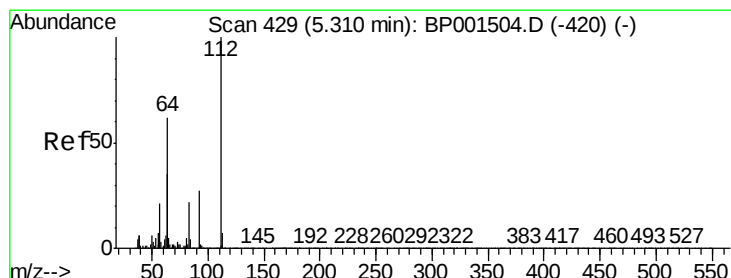
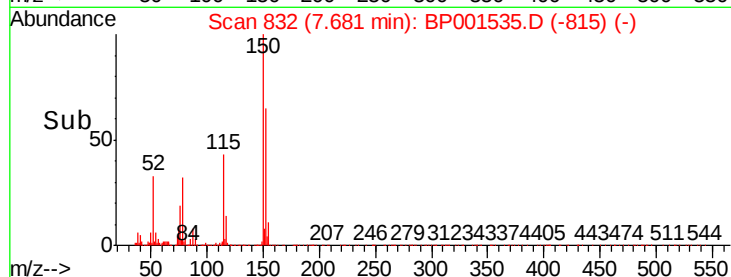
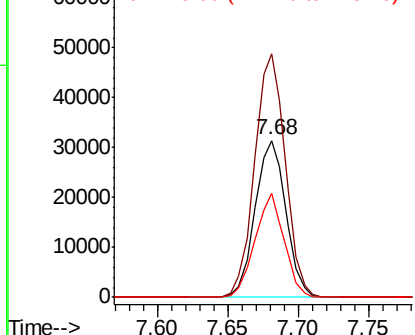
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 832
Delta R.T. -0.00 min
Lab File: BP001535.D
Acq: 06 Jan 2020 18:13

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1

Tot Ion:152 Resp: 48154
Ion Ratio Lower Upper
152 100
150 155.0 117.9 176.9
115 65.9 50.3 75.5



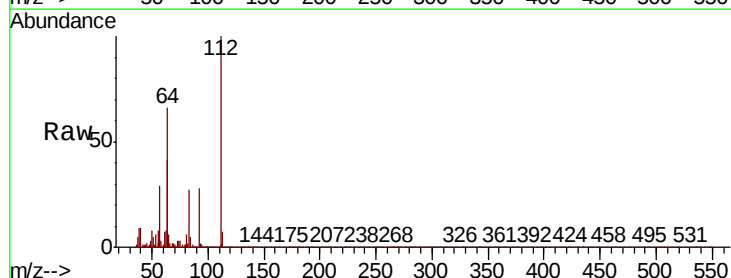
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



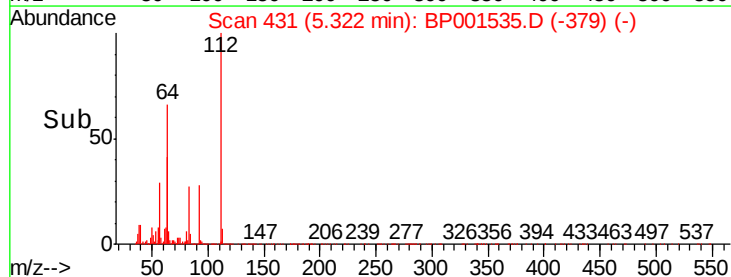
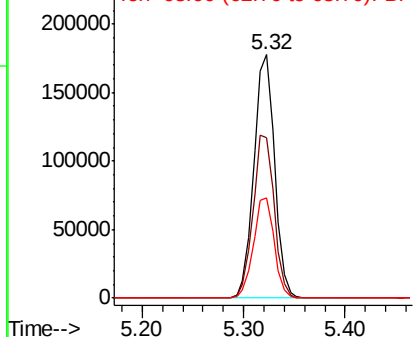
#5

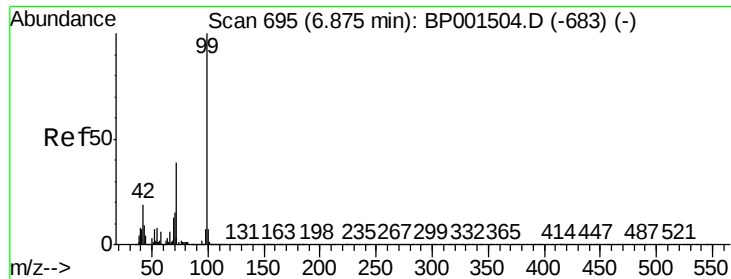
2-Fluorophenol
Concen: 87.972 ng
RT: 5.32 min Scan# 431
Delta R.T. 0.01 min
Lab File: BP001535.D
Acq: 06 Jan 2020 18:13

Tgt Ion:112 Resp: 252154
Ion Ratio Lower Upper
112 100
64 66.0 52.6 79.0
63 41.0 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: 92.354 ng

RT: 6.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1

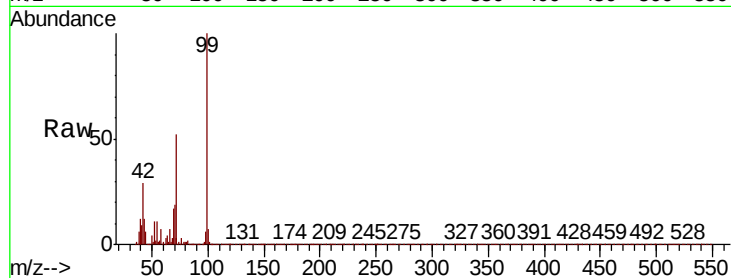
Tot Ion: 99 Resp: 356545

Ion Ratio Lower Upper

99 100

42 29.4 21.2 31.8

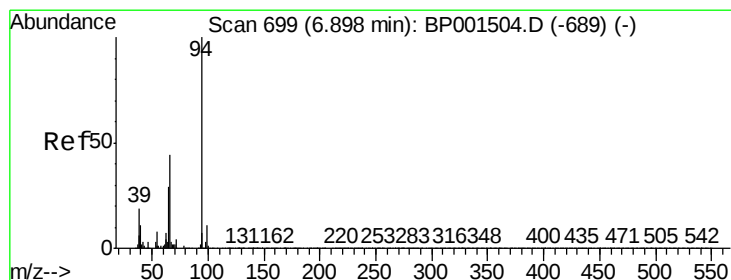
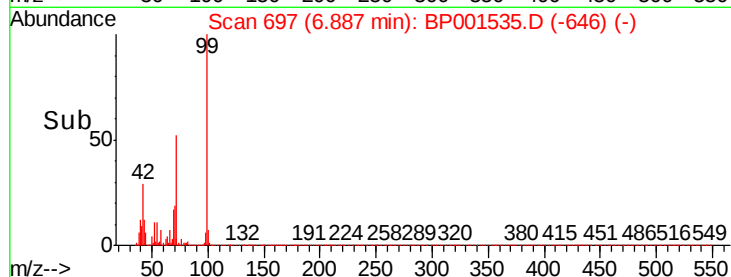
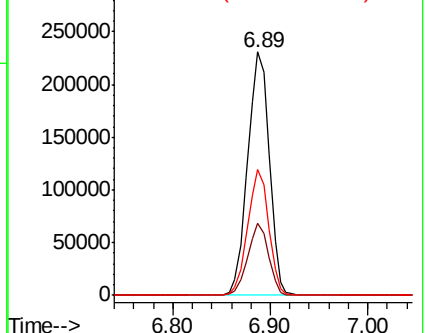
71 51.8 40.0 60.0



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: 2.719 ng

RT: 6.91 min Scan# 701

Delta R.T. -0.00 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

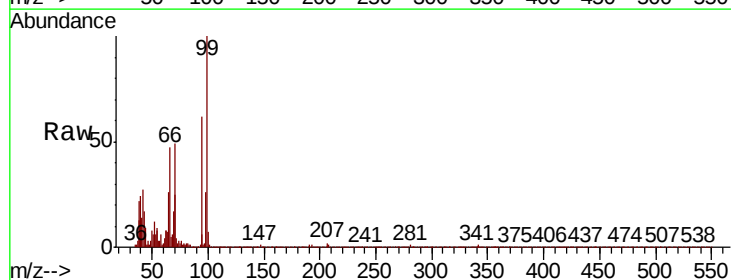
Tgt Ion: 94 Resp: 11042

Ion Ratio Lower Upper

94 100

65 42.5 15.7 55.7

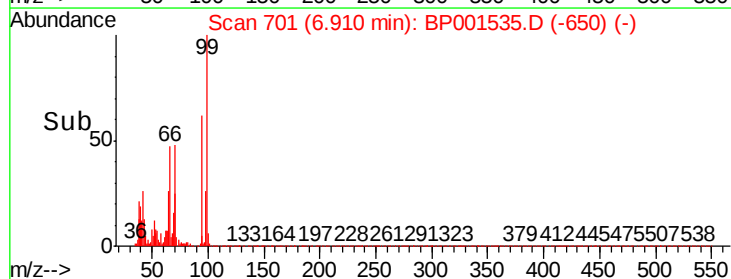
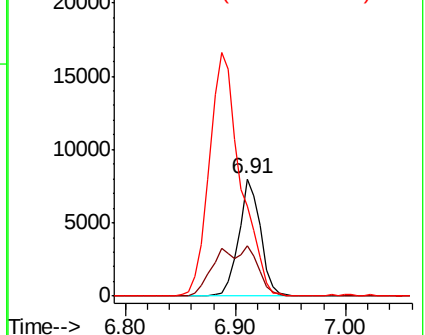
66 76.3 37.8 77.8

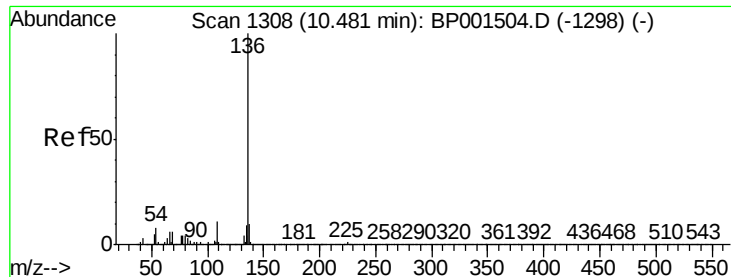


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

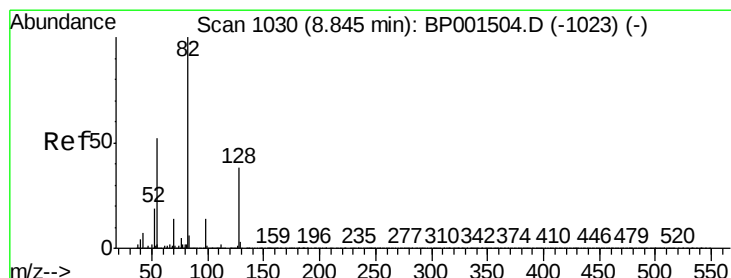
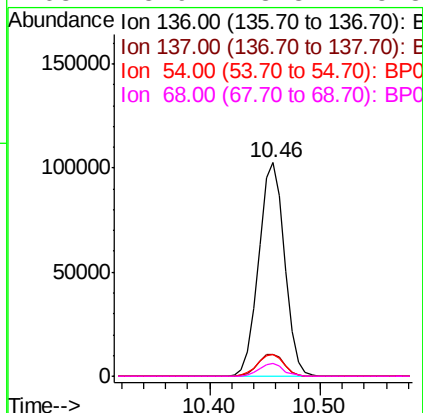
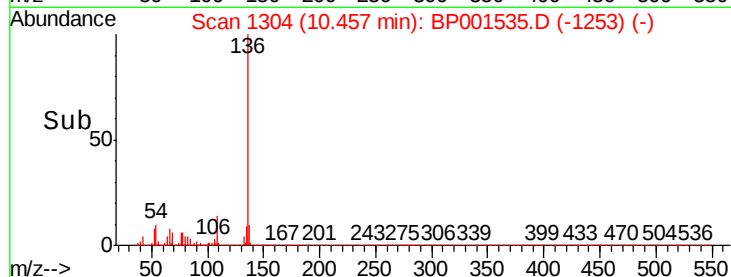
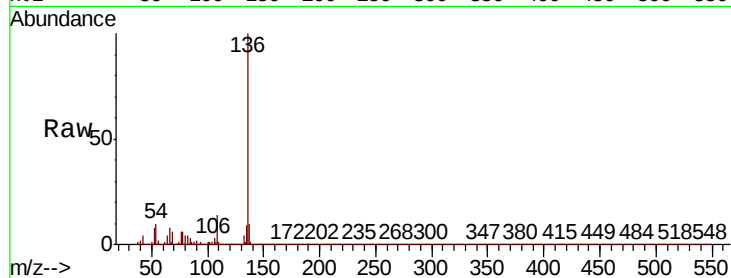




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BP001535.D
Acq: 06 Jan 2020 18:13

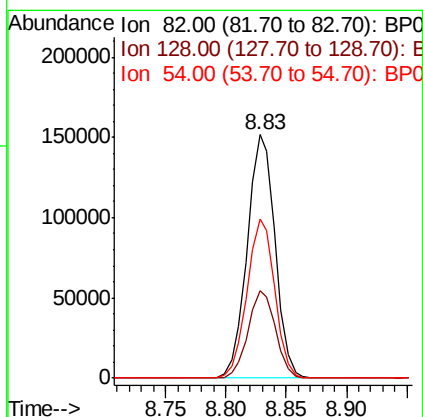
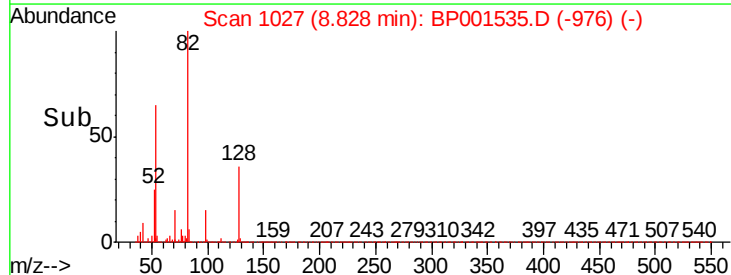
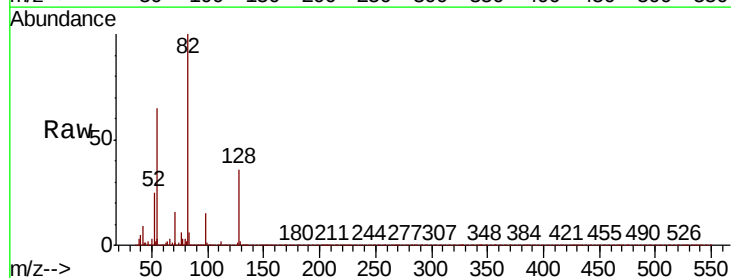
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1

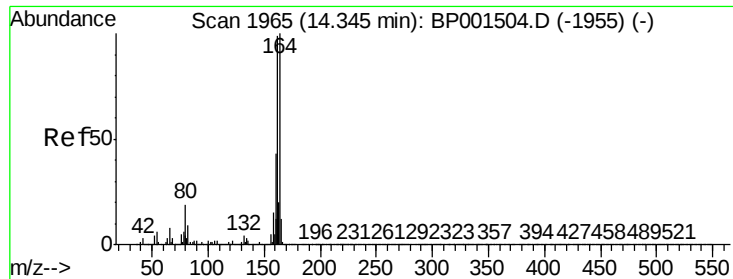
Tot Ion:136	Resp:	168919
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.4	12.6
54 10.3	8.4	12.6
68 5.9	3.8	5.8#



#23
Nitrobenzene-d5
Concen: 71.338 ng
RT: 8.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BP001535.D
Acq: 06 Jan 2020 18:13

Tgt	Ion: 82	Resp:	243973
Ion	Ratio	Lower	Upper
82	100		
128	35.9	26.9	40.3
54	65.2	51.8	77.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1

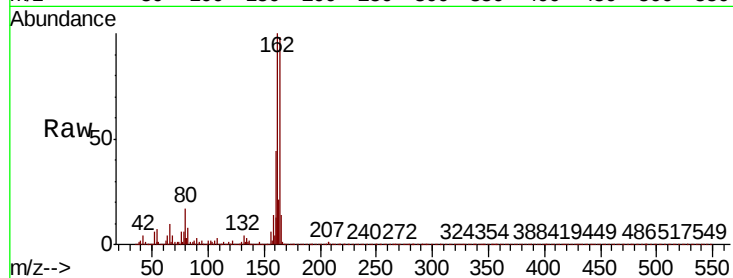
Tot Ion:164 Resp: 109486

Ion Ratio Lower Upper

164 100

162 102.4 79.0 118.4

160 44.9 34.1 51.1

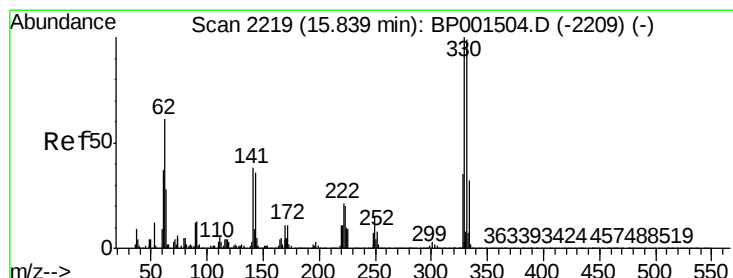
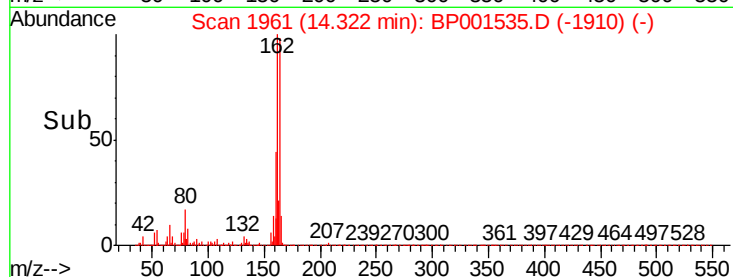
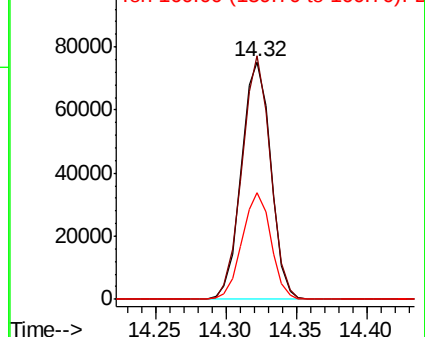


Abundance

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: 116.656 ng

RT: 15.82 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

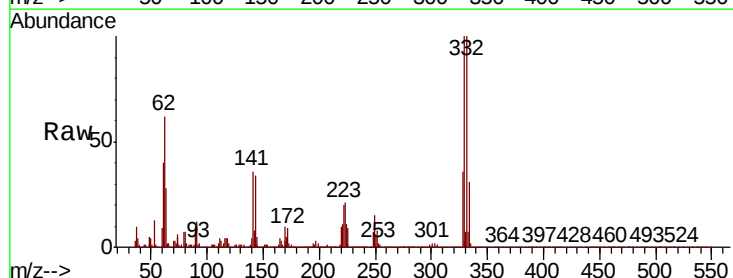
Tgt Ion:330 Resp: 144552

Ion Ratio Lower Upper

330 100

332 98.9 78.0 117.0

141 36.7 28.7 43.1

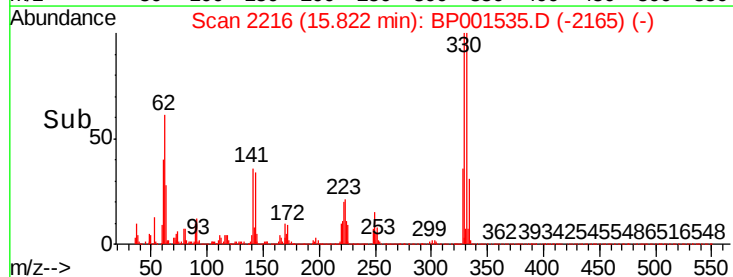
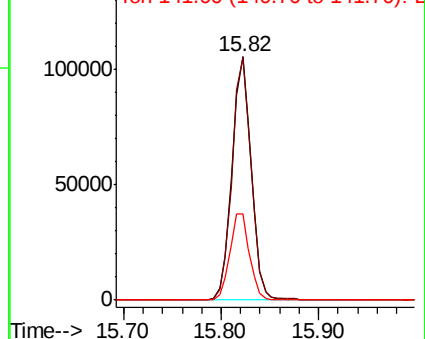


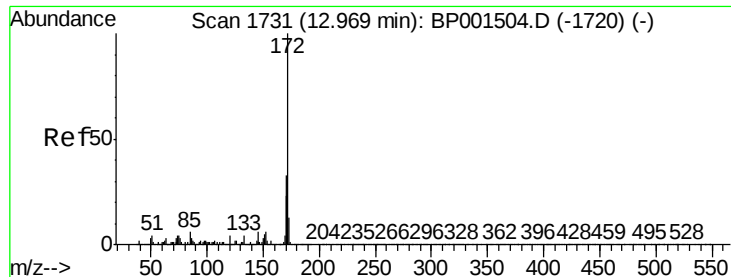
Abundance

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: 65.806 ng

RT: 12.94 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

Instrument :

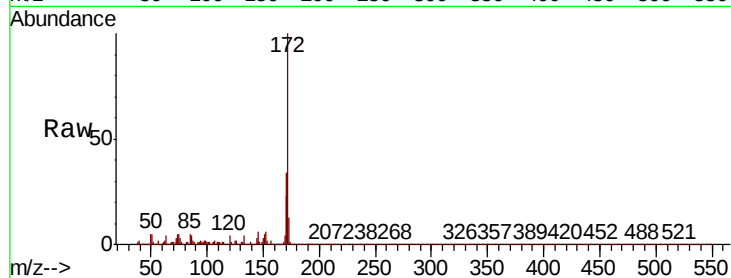
BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1

Tot Ion:172 Resp: 489994

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.0	42.0
170	22.8	18.6	27.8

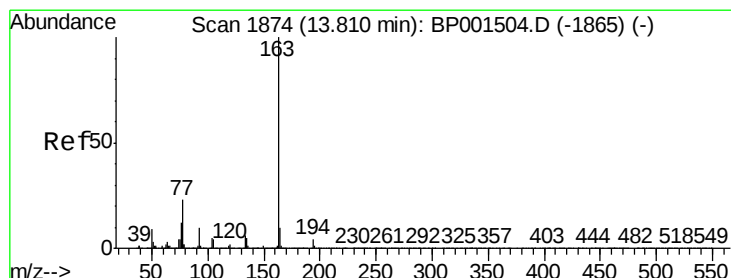
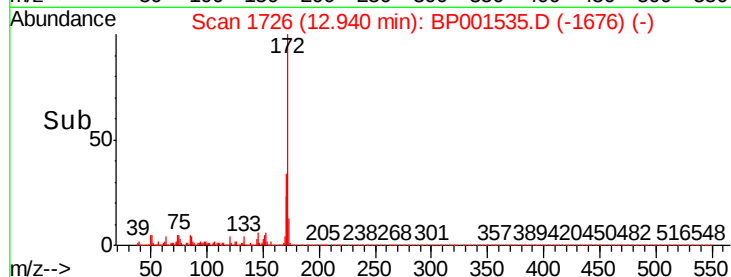
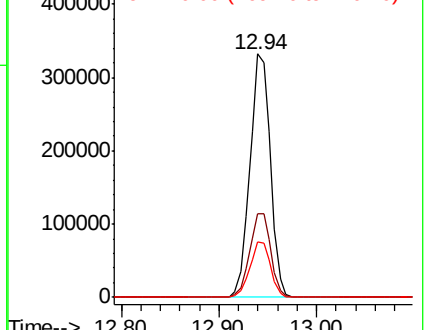


Abundance

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: 4.507 ng

RT: 13.79 min Scan# 1871

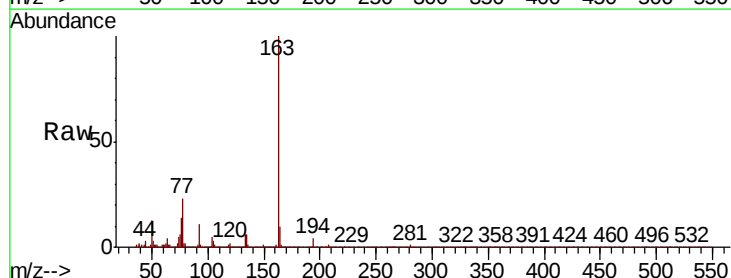
Delta R.T. -0.01 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

Tgt Ion:163 Resp: 38573

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	9.6	7.9	11.9

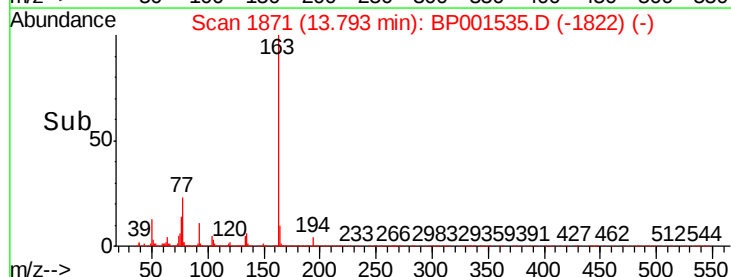
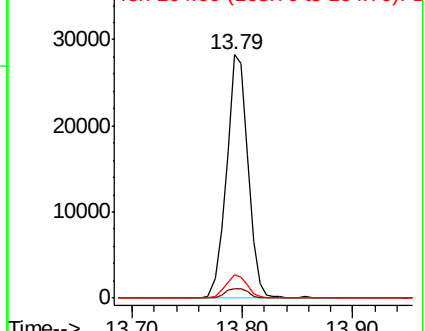


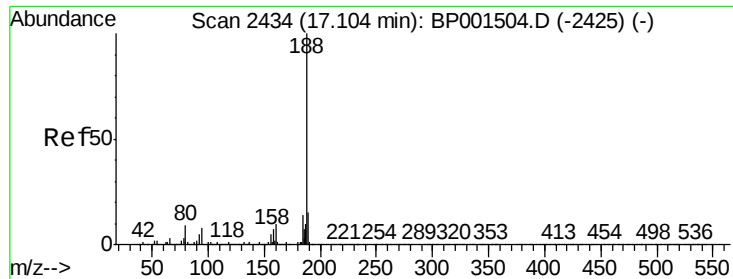
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BP001535.D

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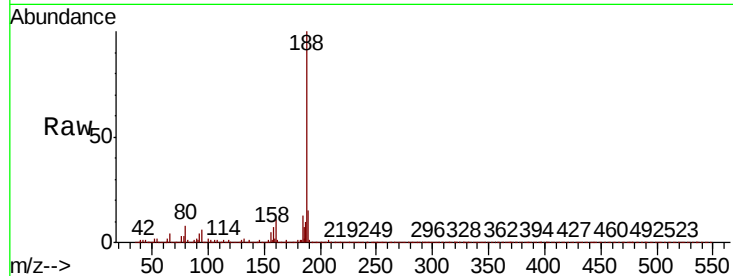
Tot Ion:188 Resp: 250571

Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.0

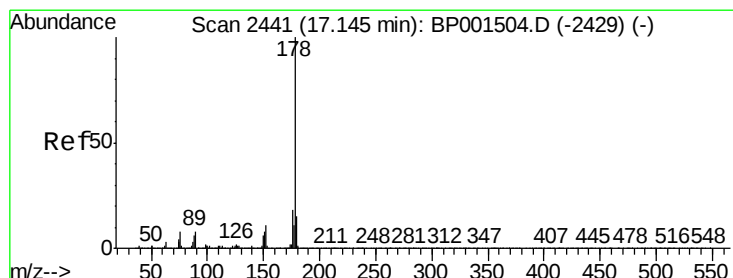
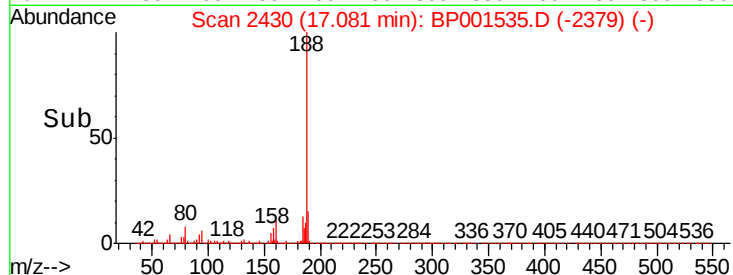
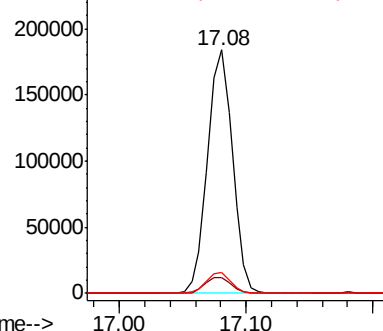
80 8.4 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#71

Phenanthrene

Concen: 2.094 ng

RT: 17.12 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

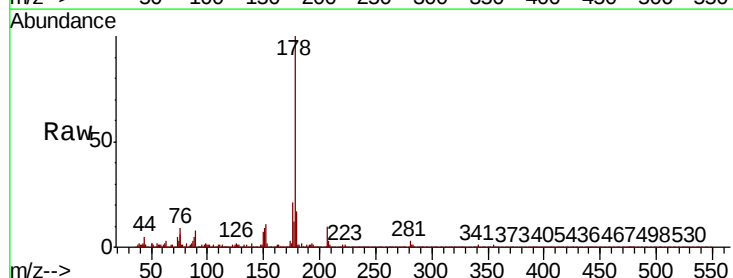
Tgt Ion:178 Resp: 28465

Ion Ratio Lower Upper

178 100

176 21.4 15.1 22.7

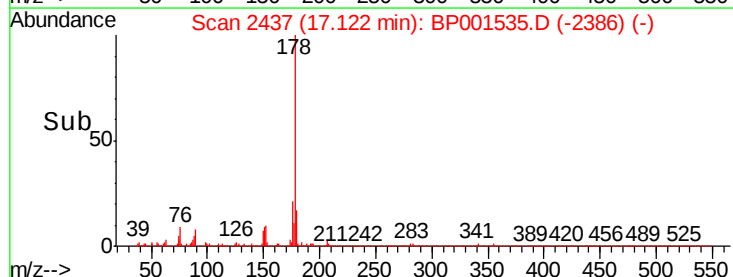
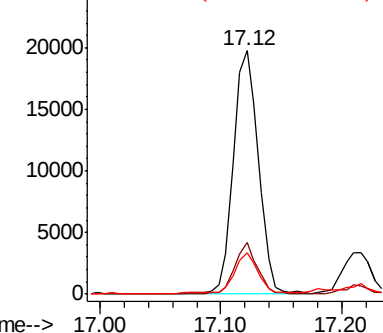
179 16.9 12.2 18.4

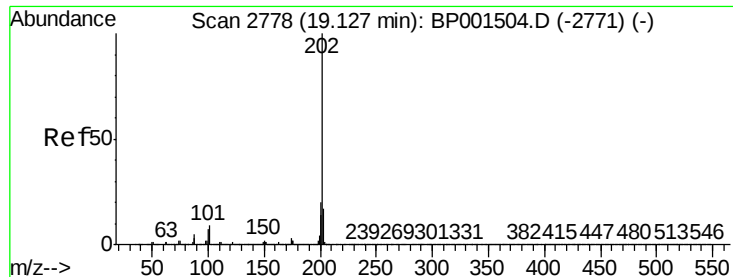


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.878 ng

RT: 19.10 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BP001535.D

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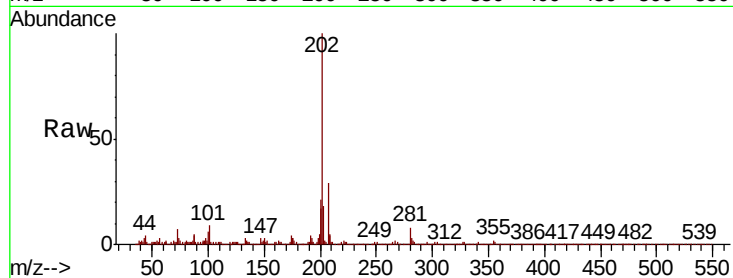
Tot Ion:202 Resp: 47352

Ion Ratio Lower Upper

202 100

101 8.9 0.0 27.1

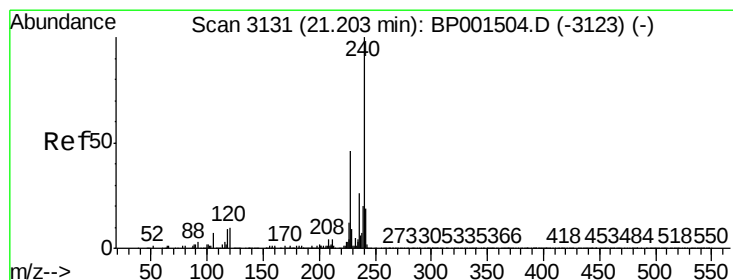
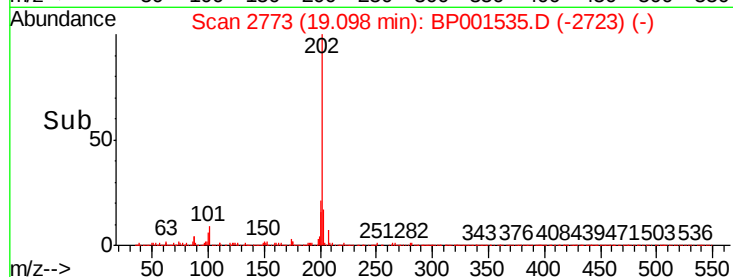
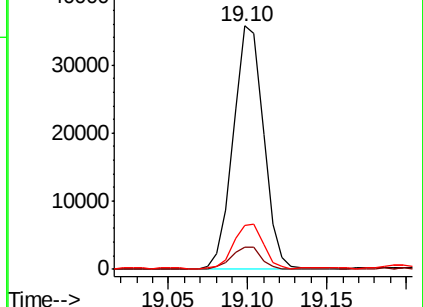
203 17.8 0.0 37.6



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: 21.18 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BP001535.D

Acq: 06 Jan 2020 18:13

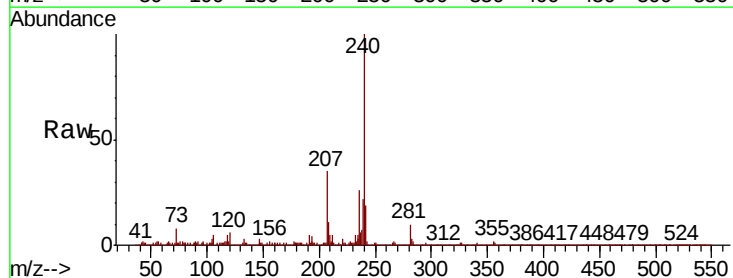
Tgt Ion:240 Resp: 211389

Ion Ratio Lower Upper

240 100

120 5.9 5.2 7.8

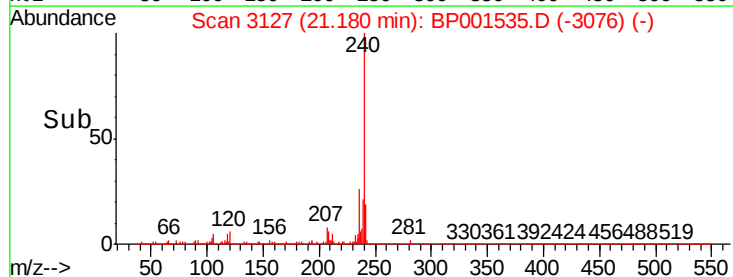
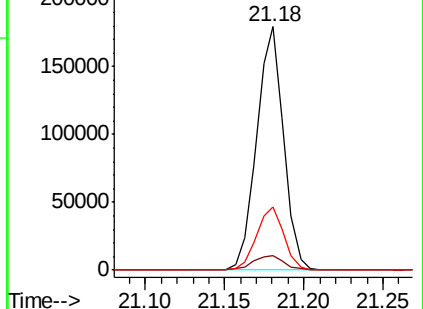
236 25.7 21.4 32.2

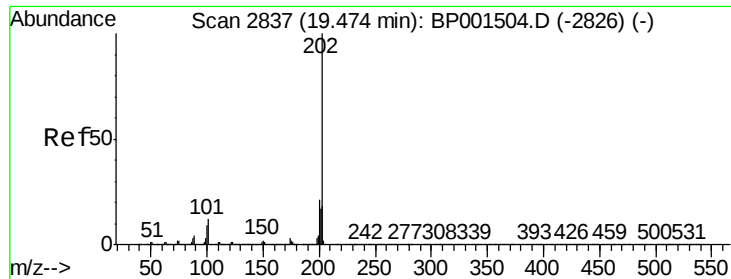


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

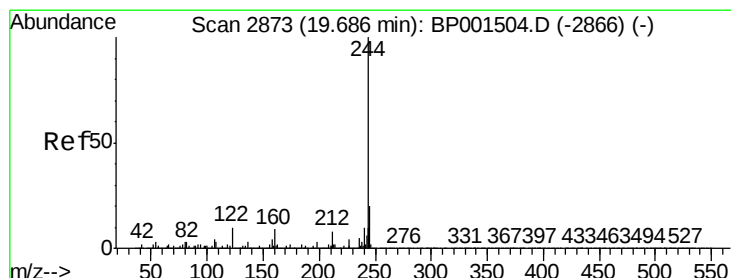
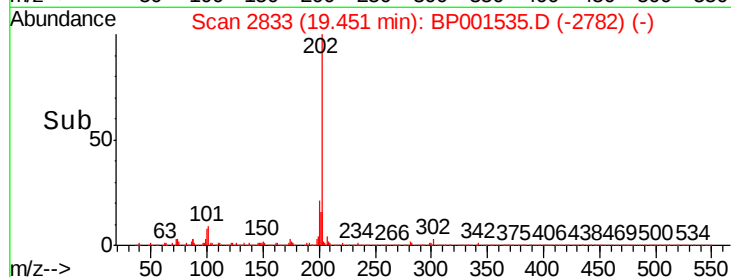
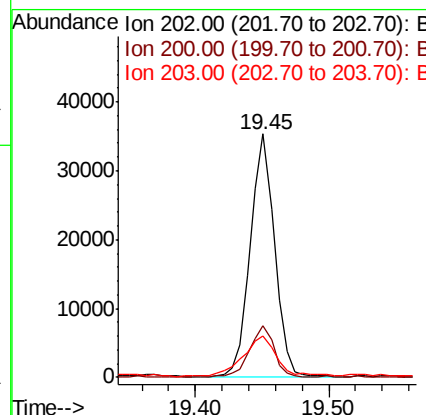
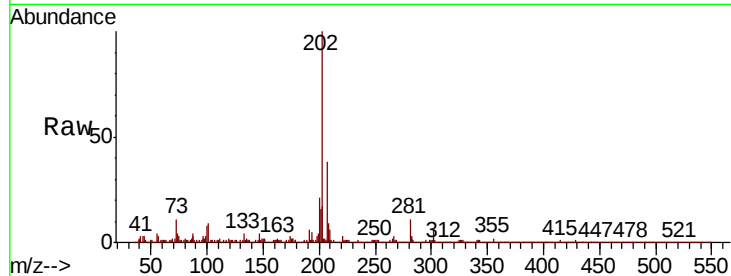




#78
Pvrene
Concen: 2.858 ng
RT: 19.45 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BP001535.D
Acq: 06 Jan 2020 18:13

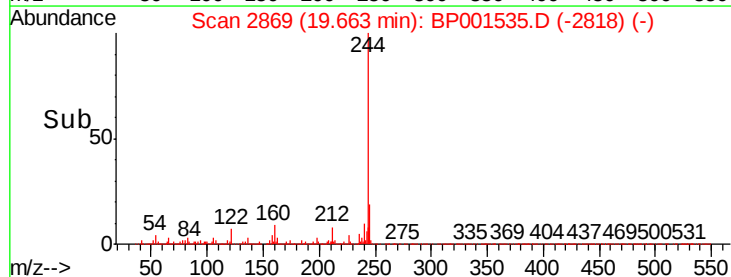
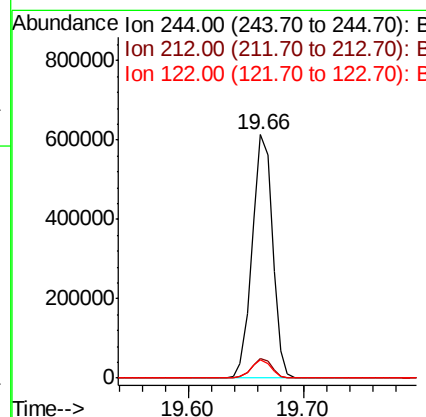
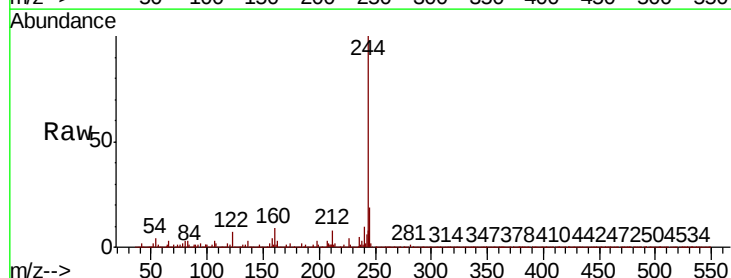
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1

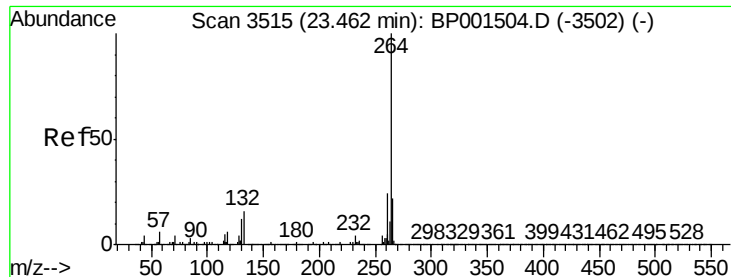
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.2	24.4
203	16.8	13.6	20.4



#79
Terphenyl-d14
Concen: 70.881 ng
RT: 19.66 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BP001535.D
Acq: 06 Jan 2020 18:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.7	10.1
122	7.3	6.0	9.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.43 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BP001535.D
Acq: 06 Jan 2020 18:13

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	23.7	19.0	28.4

