

Data File : BP001638.D
Acq On : 16 Jan 2020 20:57
Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-10-(7-9)

Quant Time: Jan 17 04:32:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	34058	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	124001	20.00	ng	-0.01
39) Acenaphthene-d10	14.27	164	81532	20.00	ng	-0.01
64) Phenanthrene-d10	17.04	188	191951	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	168462	20.00	ng	-0.02
87) Perylene-d12	23.37	264	175098	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	196221	112.86	ng	0.00
7) Phenol-d6	6.83	99	284187	102.27	ng	0.00
23) Nitrobenzene-d5	8.78	82	197644	69.65	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	119755	96.49	ng	-0.01
45) 2-Fluorobiphenyl	12.89	172	380256	68.57	ng	-0.01
79) Terphenyl-d14	19.63	244	619306	67.24	ng	-0.01

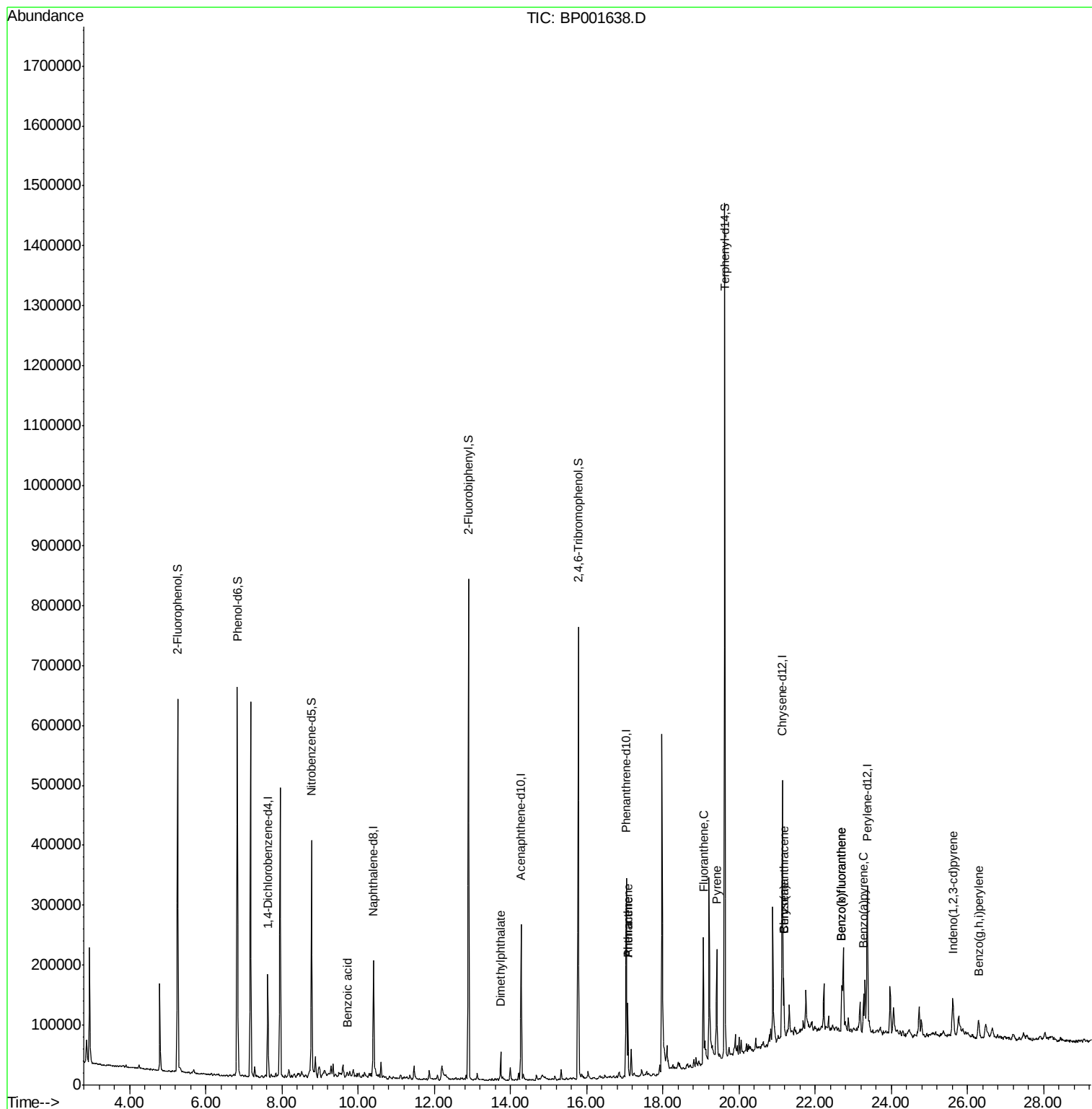
Target Compounds				Qvalue		
32) Benzoic acid	9.72	122	58	4.739	ng	# 49
50) Dimethylphthalate	13.74	163	25012	3.725	ng	99
71) Phenanthrene	17.08	178	67695	6.485	ng	98
72) Anthracene	17.08	178	67695	6.661	ng	98
75) Fluoranthene	19.06	202	116426	8.476	ng	100
78) Pyrene	19.42	202	104728	8.463	ng	97
81) Benzo(a)anthracene	21.17	228	51393	4.380	ng	94
83) Chrysene	21.17	228	51393	4.495	ng	96
86) Indeno(1,2,3-cd)pyrene	25.61	276	33053	2.470	ng	96
88) Benzo(b)fluoranthene	22.70	252	94697	8.582	ng	# 95
89) Benzo(k)fluoranthene	22.70	252	94697	8.802	ng	# 94
90) Benzo(a)pyrene	23.27	252	46781	4.465	ng	# 97
92) Benzo(g,h,i)perylene	26.29	276	36332	3.381	ng	# 93

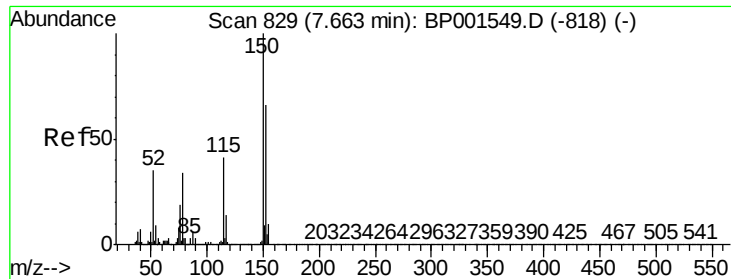
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BP001638.D
Acq On : 16 Jan 2020 20:57
Operator : JU
Sample : L1148-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-10-(7-9)

Quant Time: Jan 17 04:32:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

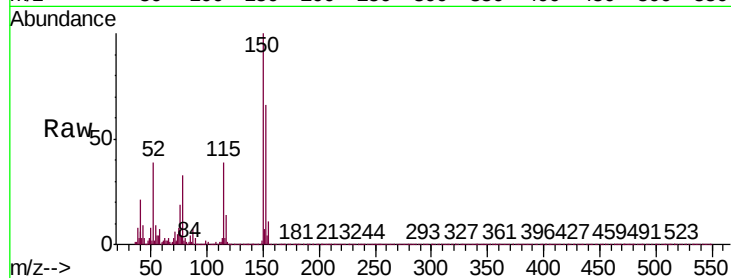




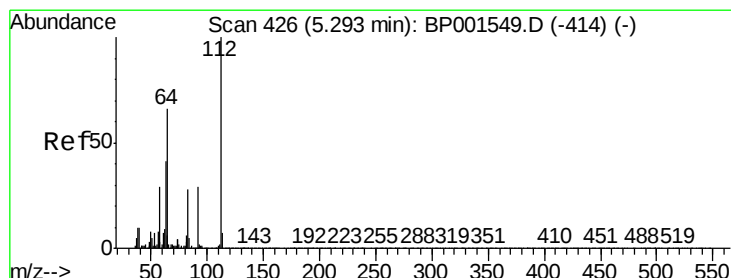
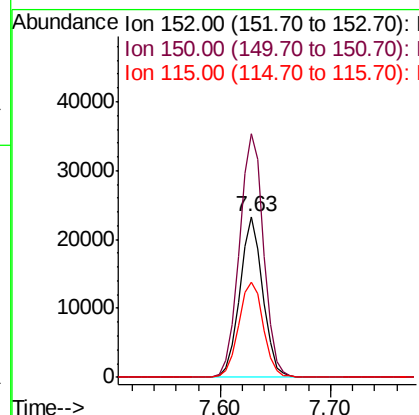
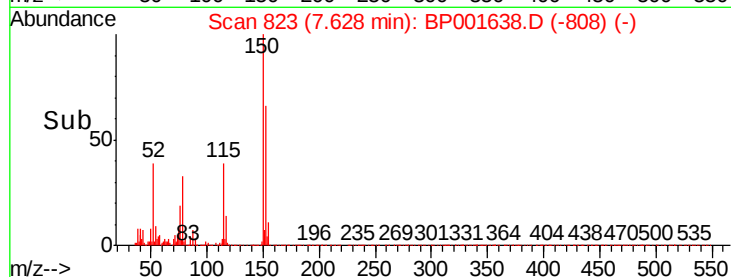
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BP001638.D
 Acq: 16 Jan 2020 20:57

Instrument :
 BNA_P
 ClientSampleId :
 SB-10-(7-9)

Tgt Ion:152 Resp: 34058
 Ion Ratio Lower Upper
 152 100
 150 151.7 122.0 183.0
 115 58.9 50.7 76.1

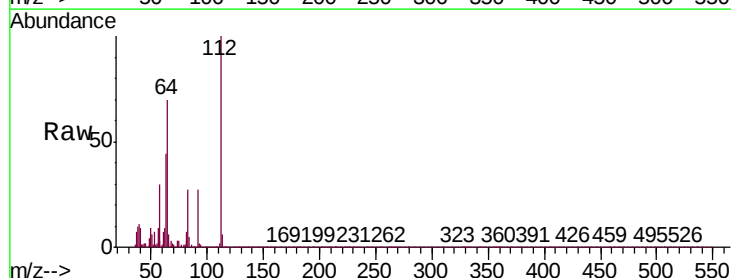


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

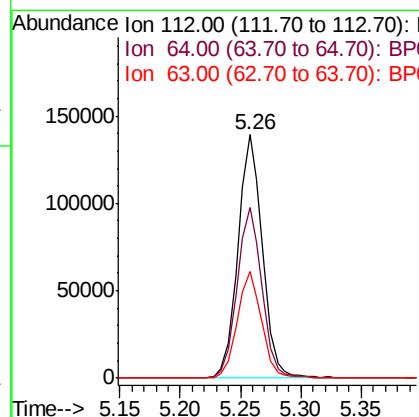
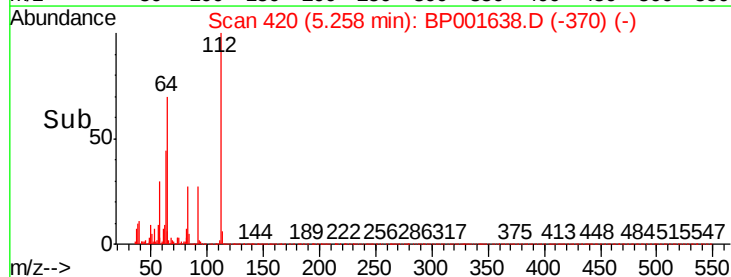


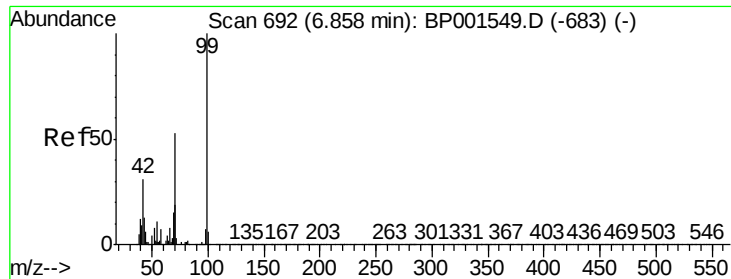
#5
 2-Fluorophenol
 Concen: 112.860 ng
 RT: 5.26 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BP001638.D
 Acq: 16 Jan 2020 20:57

Tgt Ion:112 Resp: 196221
 Ion Ratio Lower Upper
 112 100
 64 69.9 52.8 79.2
 63 44.0 33.1 49.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BP0
 Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 102.275 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001638.D

Acq: 16 Jan 2020 20:57

Instrument :

BNA_P

ClientSampleId :

SB-10-(7-9)

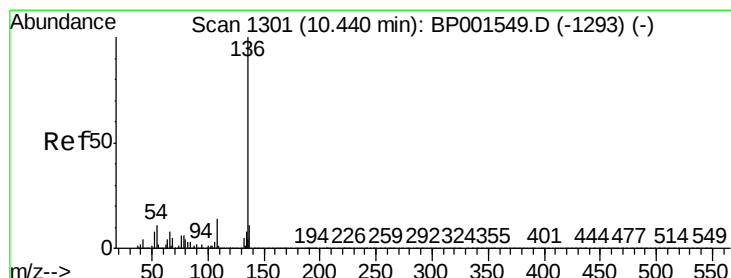
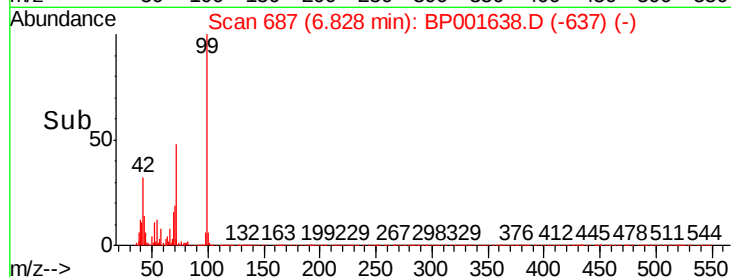
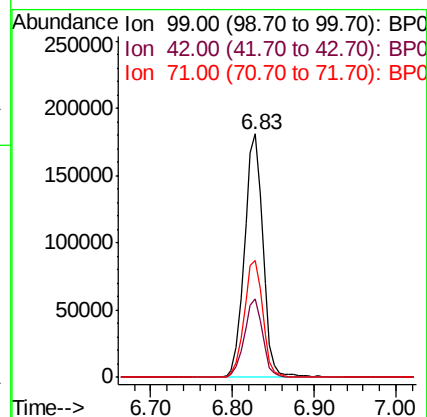
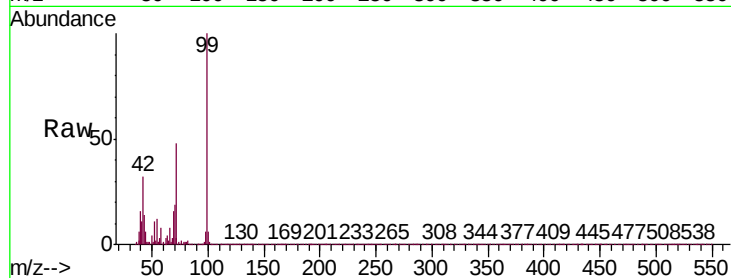
Tgt Ion: 99 Resp: 284187

Ion Ratio Lower Upper

99 100

42 32.2 24.5 36.7

71 48.2 42.4 63.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BP001638.D

Acq: 16 Jan 2020 20:57

Tgt Ion: 136 Resp: 124001

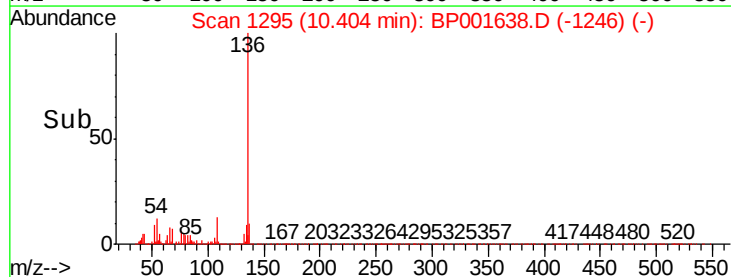
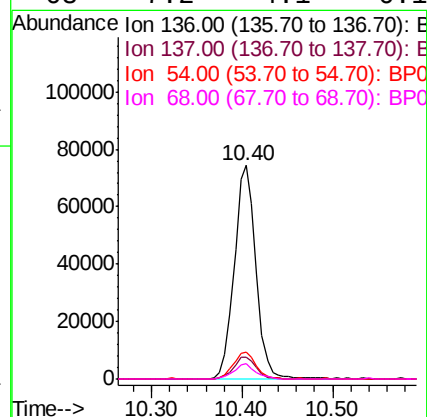
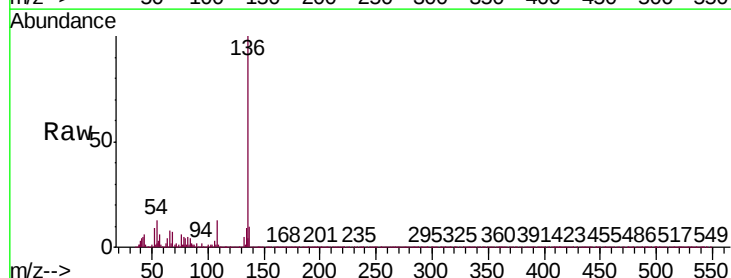
Ion Ratio Lower Upper

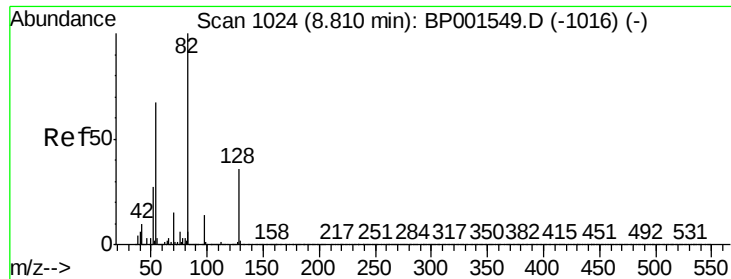
136 100

137 10.3 8.6 12.8

54 12.6 9.2 13.8

68 7.2 4.1 6.1#

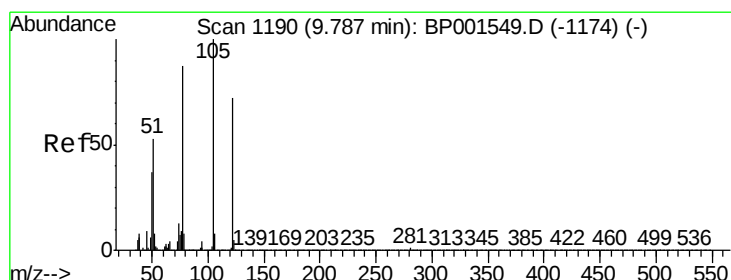
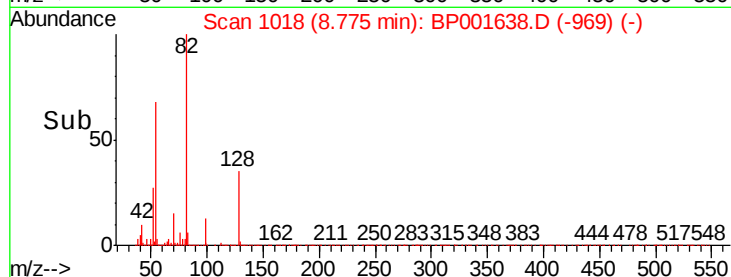
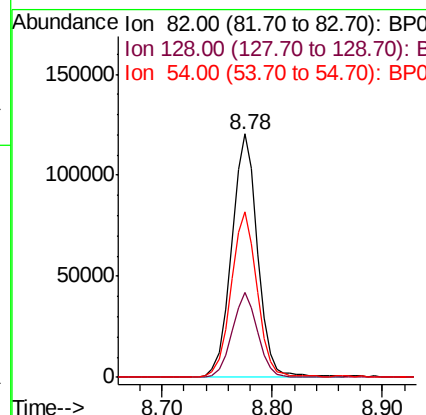
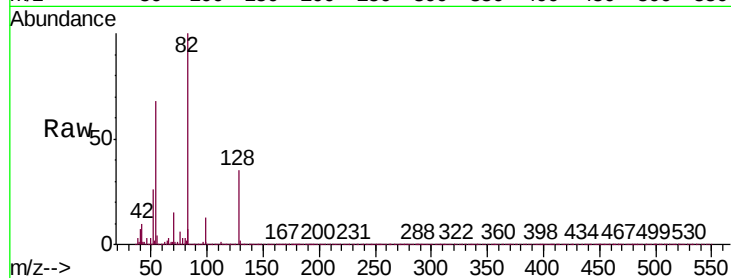




#23
 Nitrobenzene-d5
 Concen: 69.649 ng
 RT: 8.78 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BP001638.D
 Acq: 16 Jan 2020 20:57

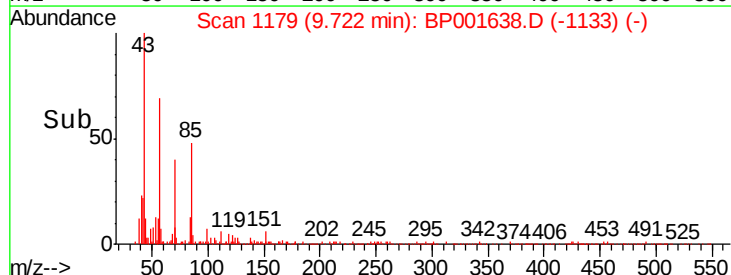
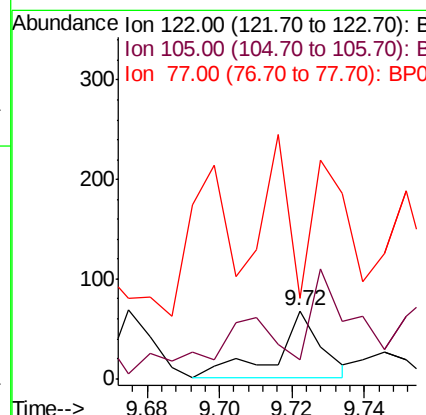
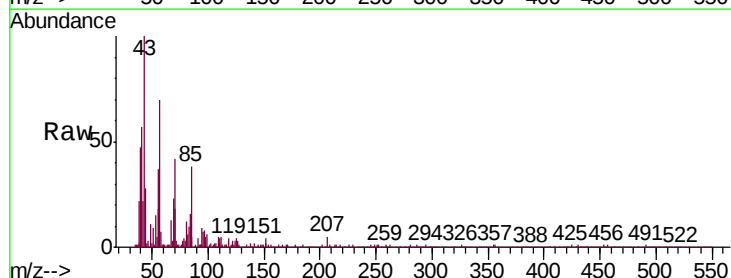
Instrument :
 BNA_P
 ClientSampleId :
 SB-10-(7-9)

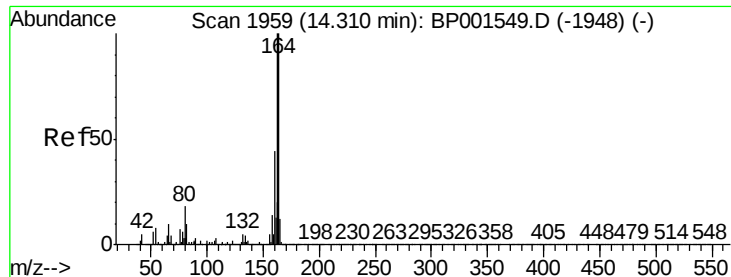
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.7	28.4	42.6
54	67.8	53.4	80.2



#32
 Benzoic acid
 Concen: 4.739 ng
 RT: 9.72 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BP001638.D
 Acq: 16 Jan 2020 20:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	27.9	119.5	159.5#
77	117.6	102.8	142.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.27 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BP001638.D

Acq: 16 Jan 2020 20:57

Instrument :

BNA_P

ClientSampleId :

SB-10-(7-9)

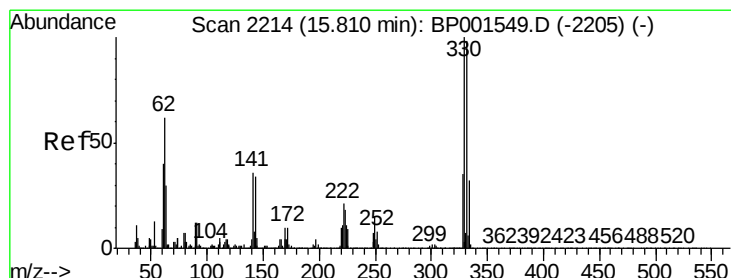
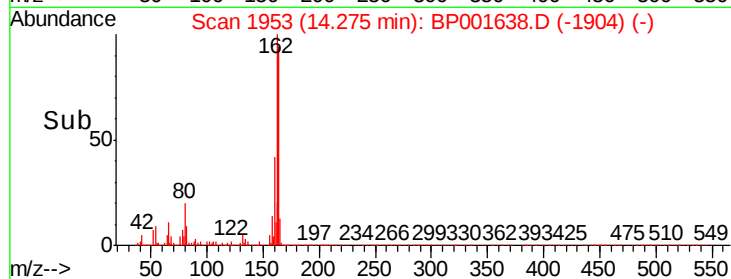
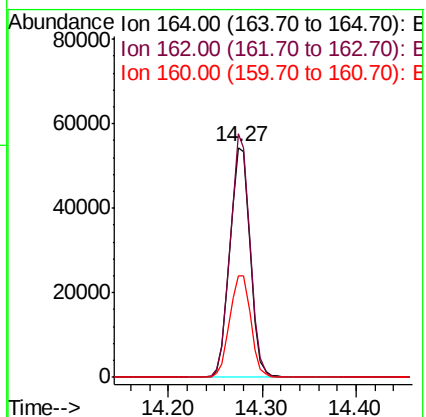
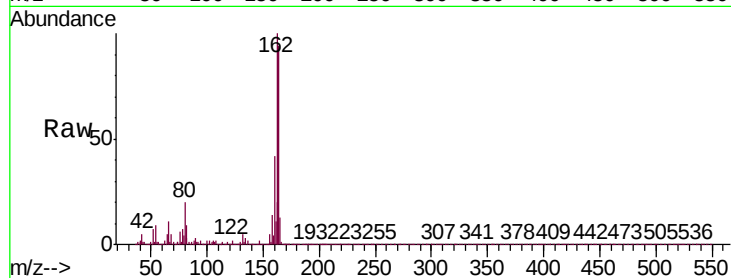
Tgt Ion:164 Resp: 81532

Ion Ratio Lower Upper

164 100

162 105.9 79.8 119.6

160 44.2 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 96.493 ng

RT: 15.78 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BP001638.D

Acq: 16 Jan 2020 20:57

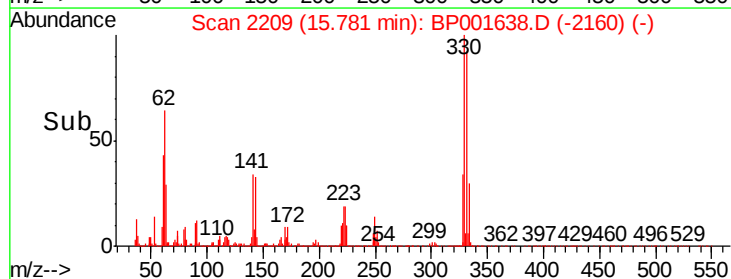
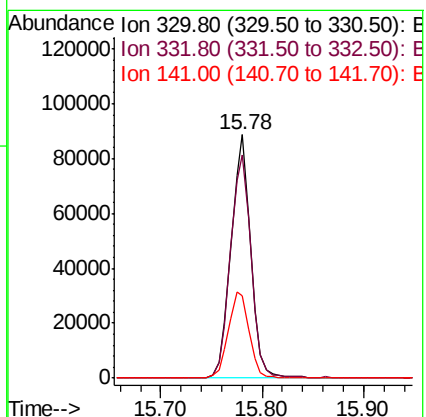
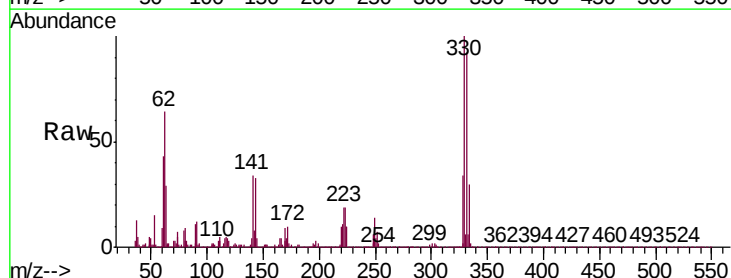
Tgt Ion:330 Resp: 119755

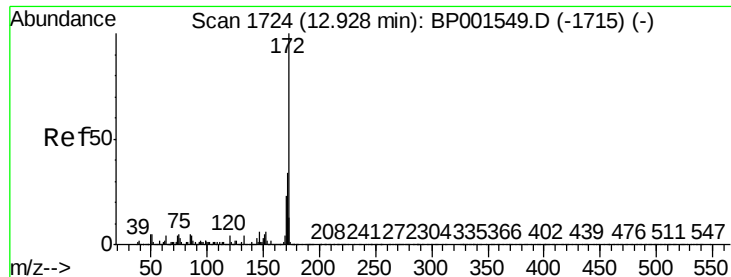
Ion Ratio Lower Upper

330 100

332 96.2 77.8 116.6

141 37.7 28.7 43.1

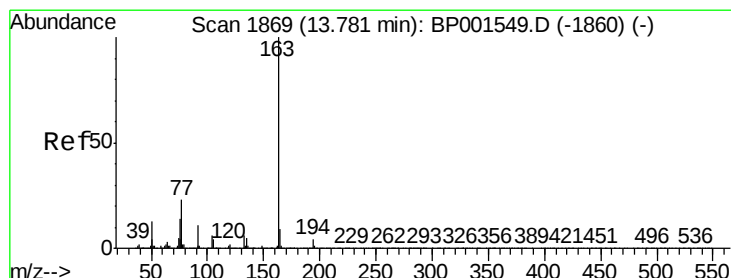
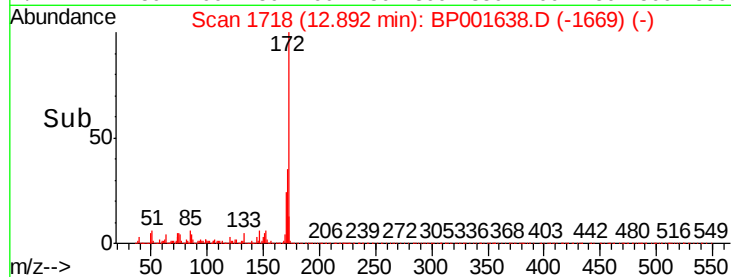
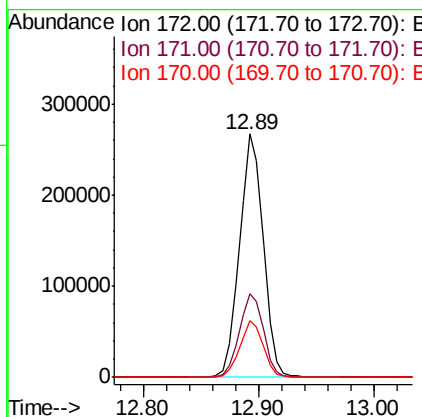
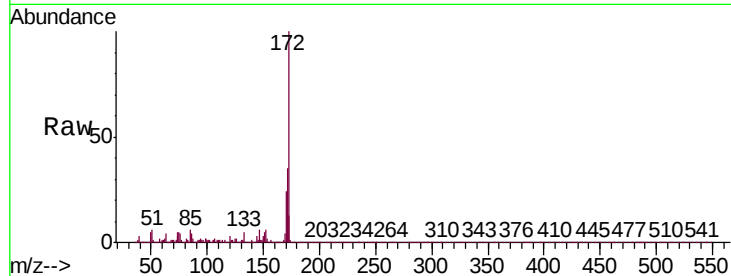




#45
2-Fluorobiphenyl
Concen: 68.572 ng
RT: 12.89 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

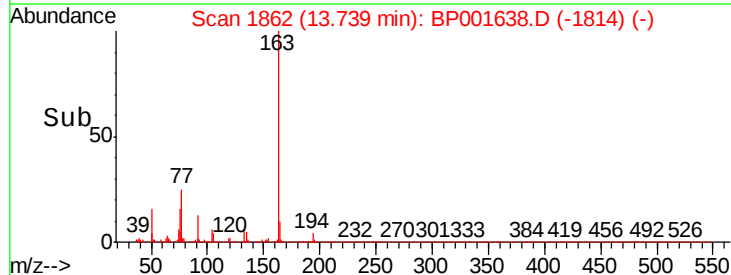
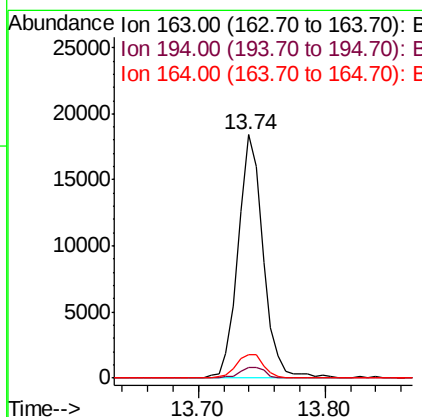
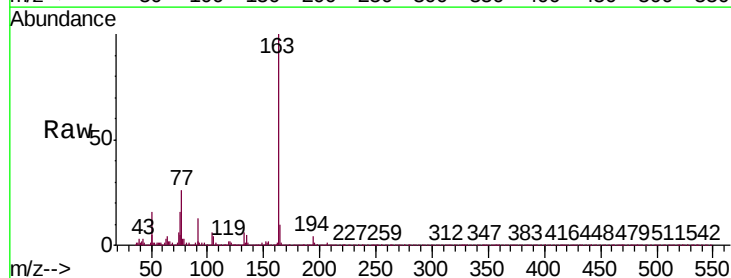
Instrument :
BNA_P
ClientSampleId :
SB-10-(7-9)

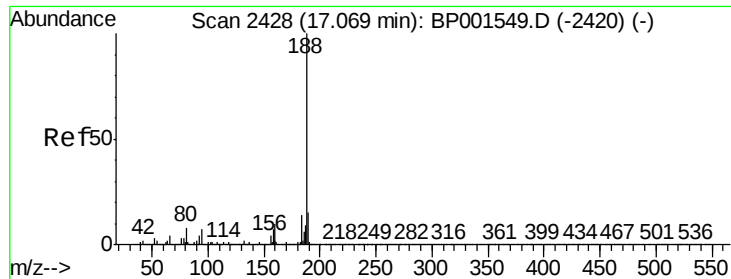
Tgt Ion:	172	Resp:	380256
Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.6	41.4
170	23.6	18.3	27.5



#50
Dimethylphthalate
Concen: 3.725 ng
RT: 13.74 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Tgt Ion:	163	Resp:	25012
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	9.7	7.5	11.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BP001638.D

Acq: 16 Jan 2020 20:57

Instrument :

BNA_P

ClientSampleId :

SB-10-(7-9)

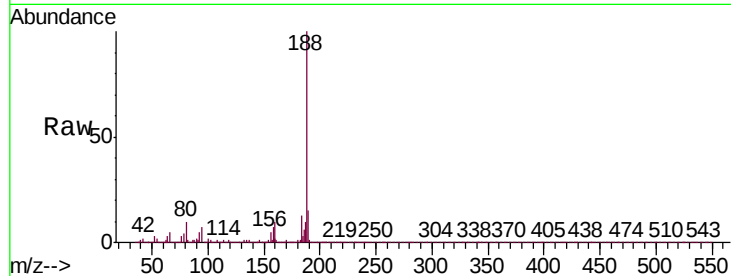
Tgt Ion:188 Resp: 191951

Ion Ratio Lower Upper

188 100

94 7.3 5.9 8.9

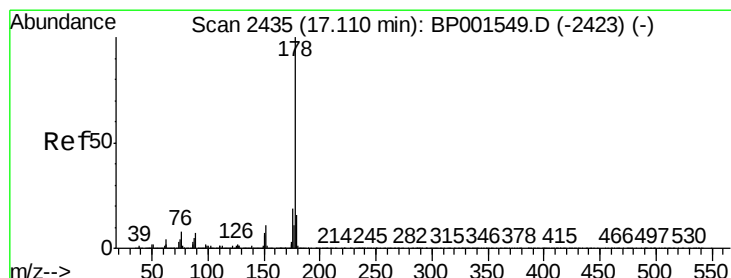
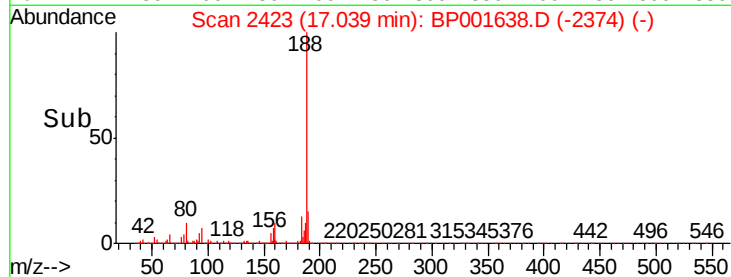
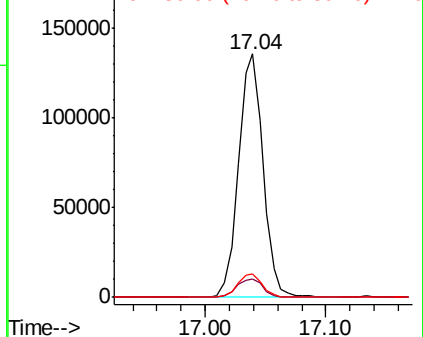
80 9.5 6.8 10.2



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



#71

Phenanthrene

Concen: 6.485 ng

RT: 17.08 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BP001638.D

Acq: 16 Jan 2020 20:57

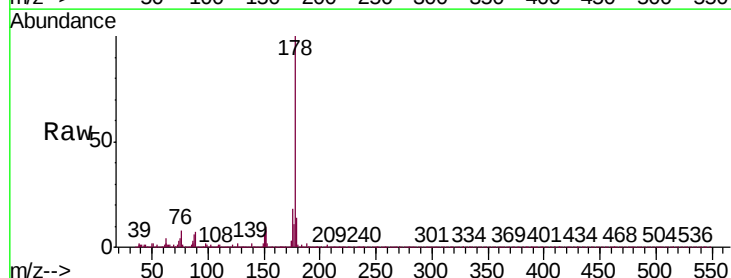
Tgt Ion:178 Resp: 67695

Ion Ratio Lower Upper

178 100

176 17.9 14.9 22.3

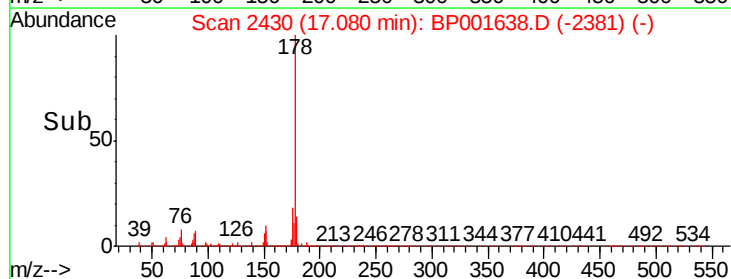
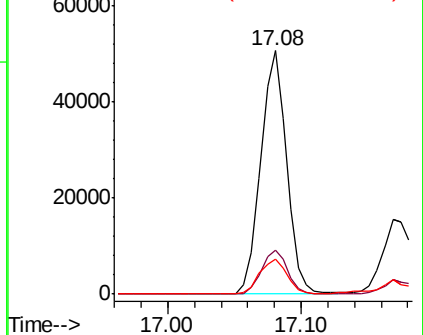
179 14.2 12.5 18.7

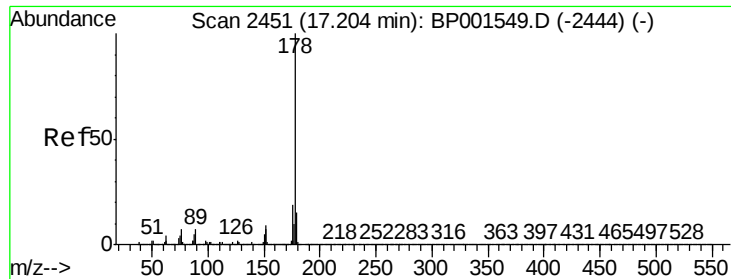


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

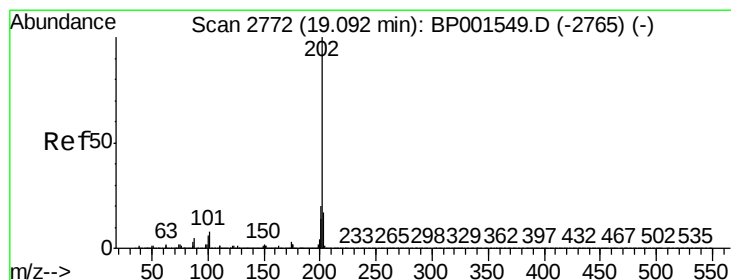
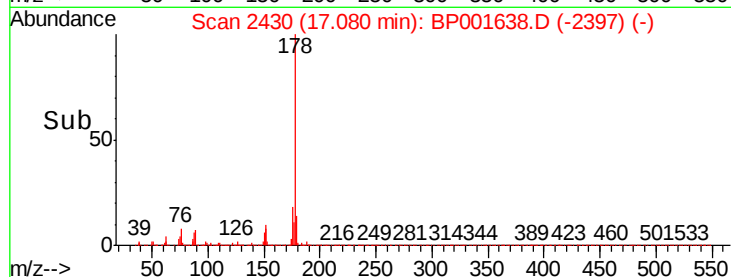
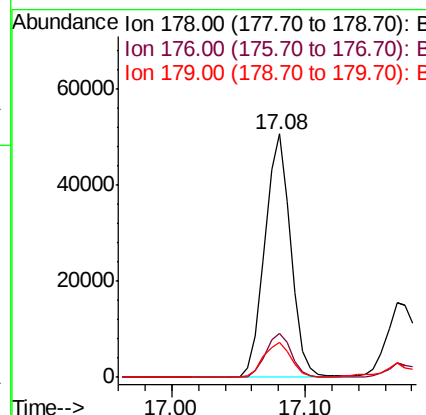
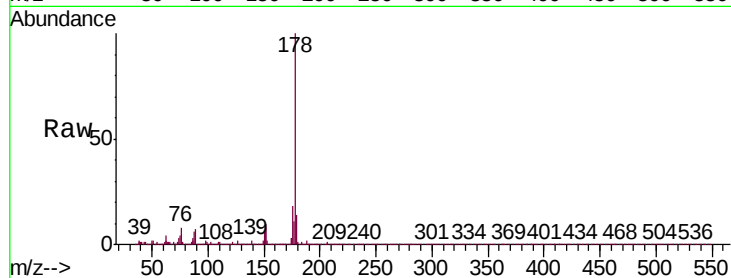




#72
 Anthracene
 Concen: 6.661 ng
 RT: 17.08 min Scan# 2430
 Delta R.T. -0.11 min
 Lab File: BP001638.D
 Acq: 16 Jan 2020 20:57

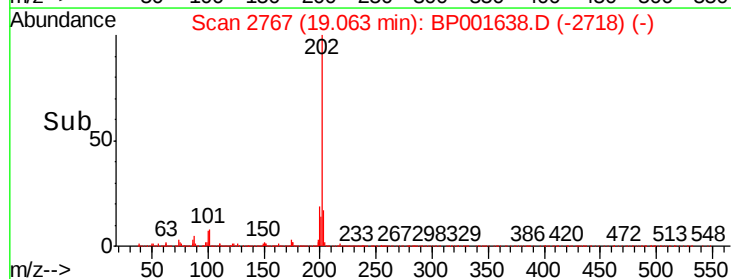
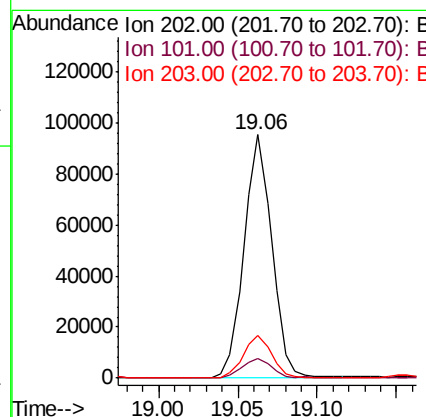
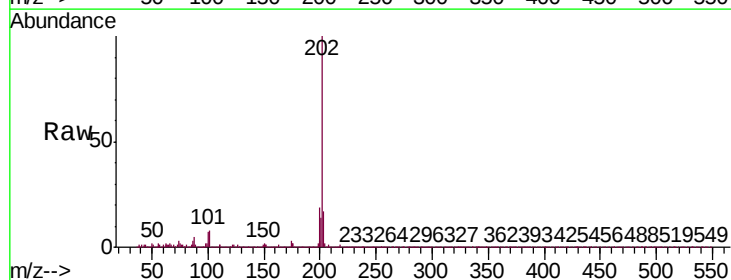
Instrument :
 BNA_P
 ClientSampleId :
 SB-10-(7-9)

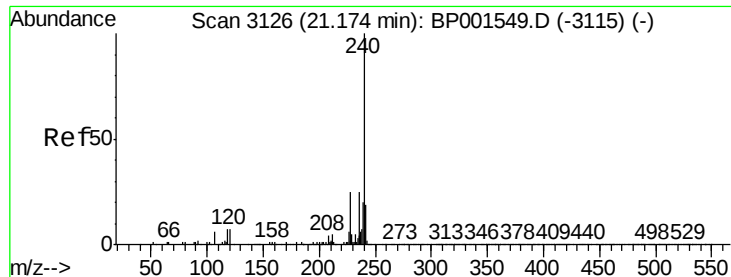
Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.0	22.6
179	14.2	11.8	17.8



#75
 Fluoranthene
 Concen: 8.476 ng
 RT: 19.06 min Scan# 2767
 Delta R.T. -0.01 min
 Lab File: BP001638.D
 Acq: 16 Jan 2020 20:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.4
203	17.5	0.0	37.4

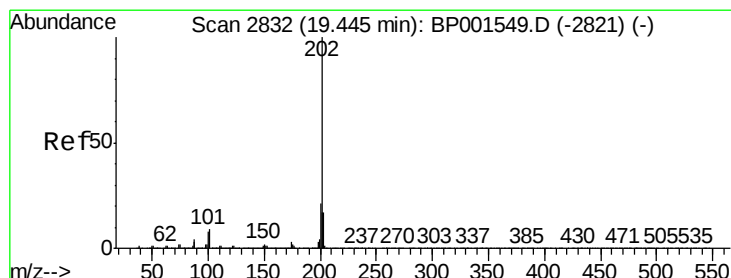
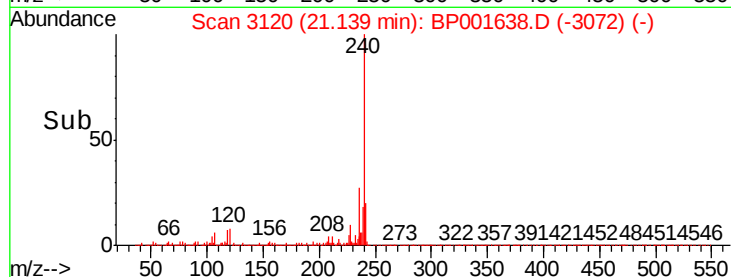
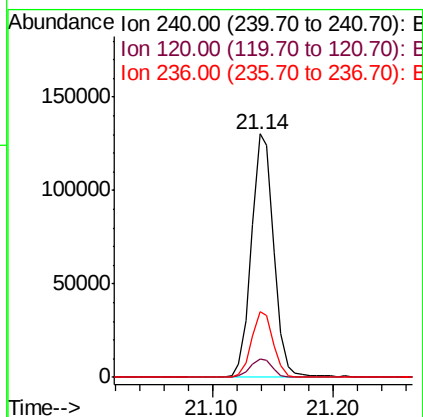
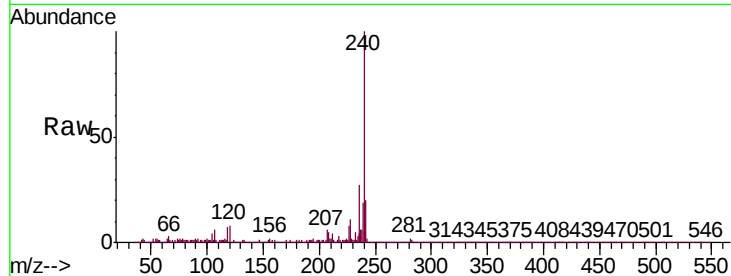




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

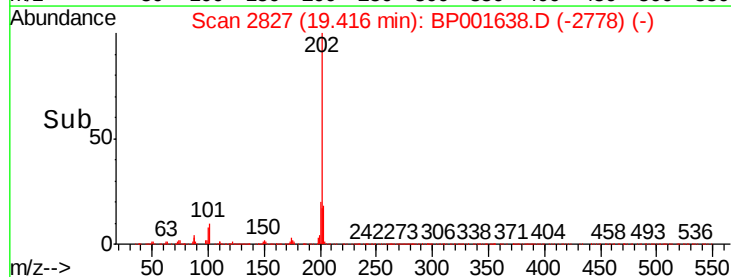
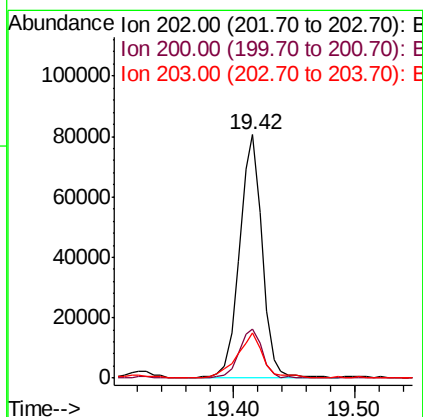
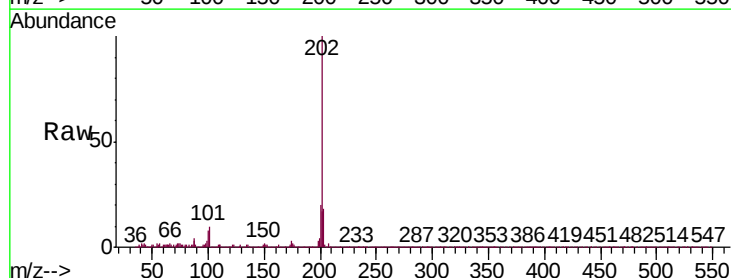
Instrument :
BNA_P
ClientSampleId :
SB-10-(7-9)

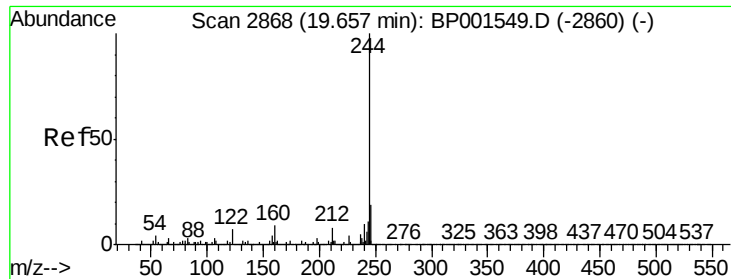
Tgt Ion:240 Resp: 168462
Ion Ratio Lower Upper
240 100
120 7.7 5.7 8.5
236 27.1 20.4 30.6



#78
Pyrene
Concen: 8.463 ng
RT: 19.42 min Scan# 2827
Delta R.T. -0.01 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Tgt Ion:202 Resp: 104728
Ion Ratio Lower Upper
202 100
200 20.3 17.0 25.6
203 18.5 13.7 20.5





#79

Terphenyl-d14

Concen: 67.240 ng

RT: 19.63 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BP001638.D

Acq: 16 Jan 2020 20:57

Instrument :

BNA_P

ClientSampleId :

SB-10-(7-9)

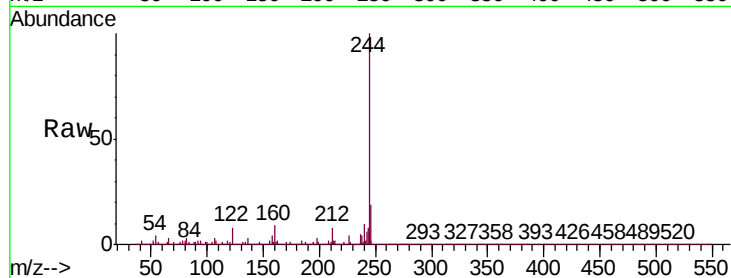
Tgt Ion:244 Resp: 619306

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

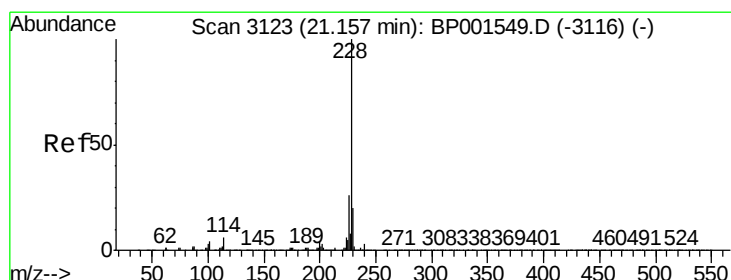
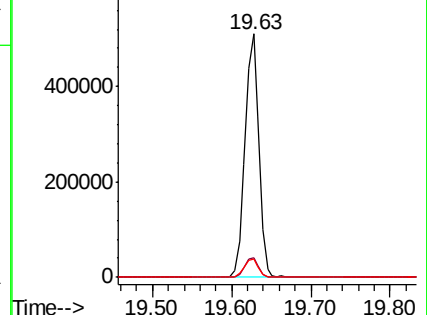
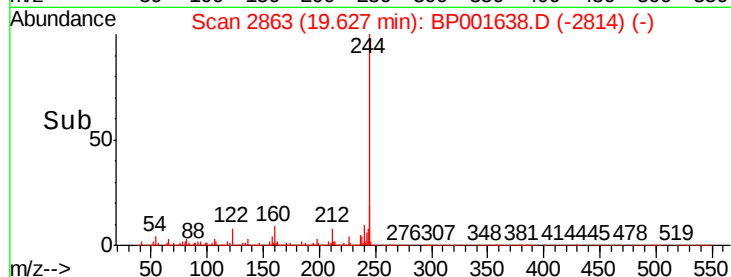
122 7.6 5.8 8.6



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: 4.380 ng

RT: 21.17 min Scan# 3126

Delta R.T. 0.04 min

Lab File: BP001638.D

Acq: 16 Jan 2020 20:57

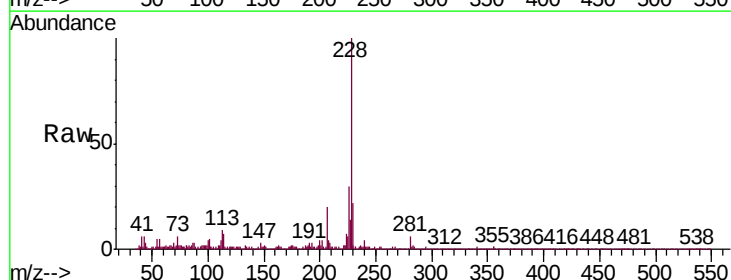
Tgt Ion:228 Resp: 51393

Ion Ratio Lower Upper

228 100

226 29.8 21.2 31.8

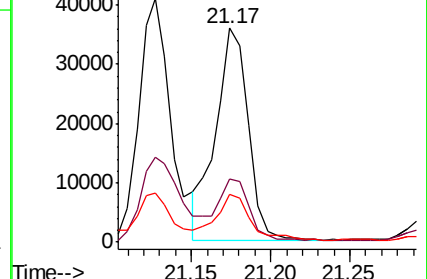
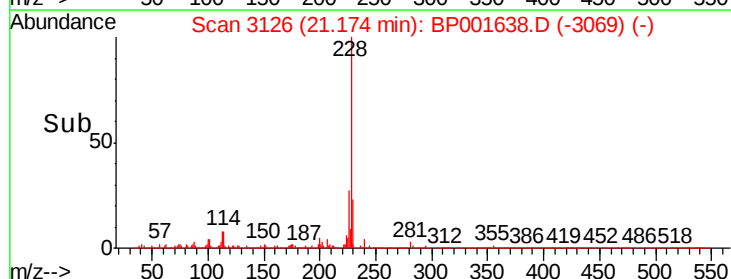
229 22.3 16.1 24.1

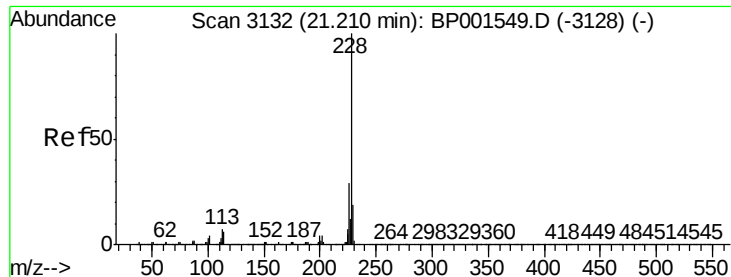


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 4.495 ng

RT: 21.17 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BP001638.D

Acq: 16 Jan 2020 20:57

Instrument :

BNA_P

ClientSampleId :

SB-10-(7-9)

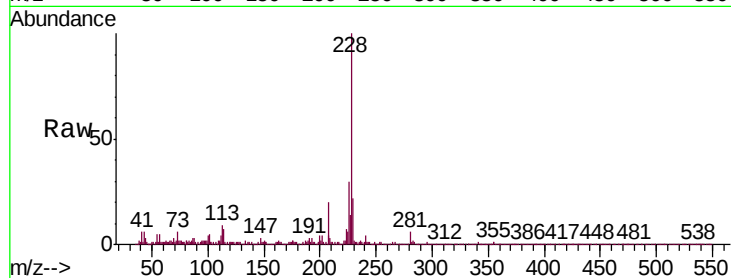
Tgt Ion:228 Resp: 51393

Ion Ratio Lower Upper

228 100

226 29.8 23.2 34.8

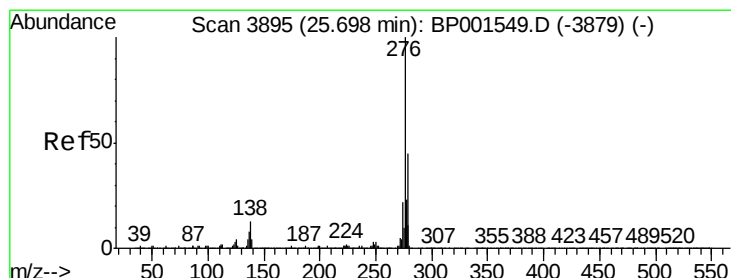
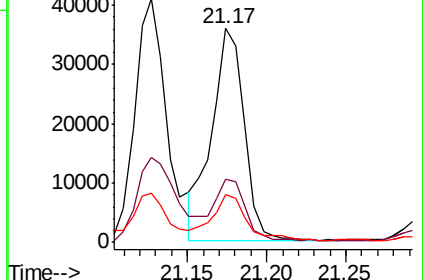
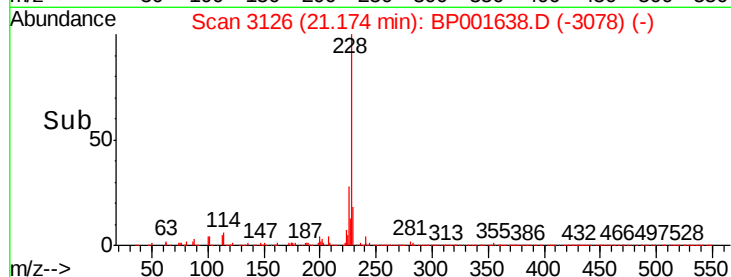
229 22.3 15.2 22.8



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.470 ng

RT: 25.61 min Scan# 3880

Delta R.T. -0.05 min

Lab File: BP001638.D

Acq: 16 Jan 2020 20:57

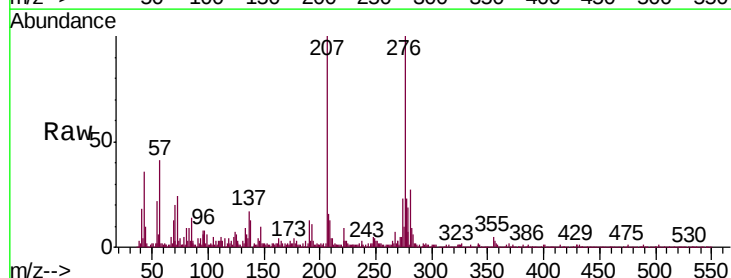
Tgt Ion:276 Resp: 33053

Ion Ratio Lower Upper

276 100

138 16.1 11.1 16.7

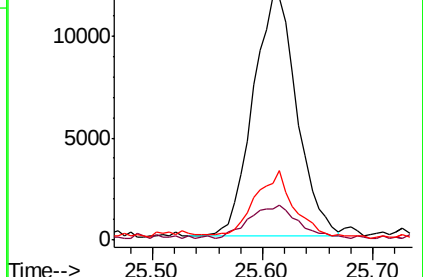
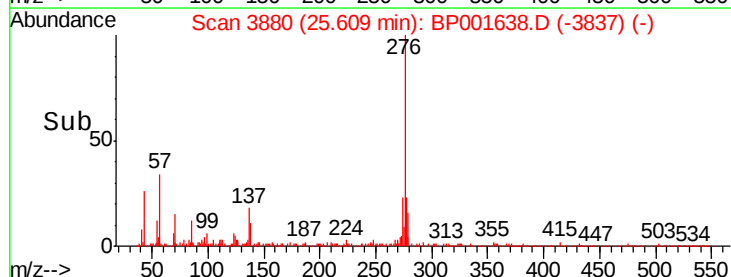
277 23.6 20.4 30.6

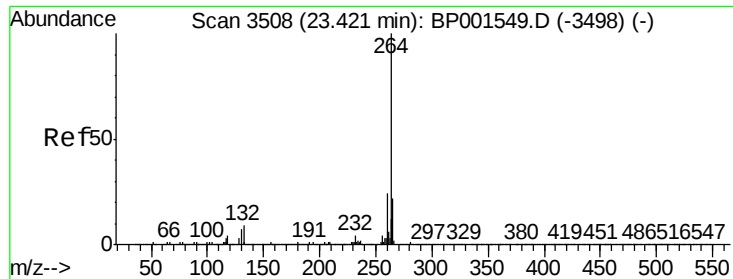


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3499

Delta R.T. -0.02 min

Lab File: BP001638.D

Acq: 16 Jan 2020 20:57

Instrument :

BNA_P

ClientSampleId :

SB-10-(7-9)

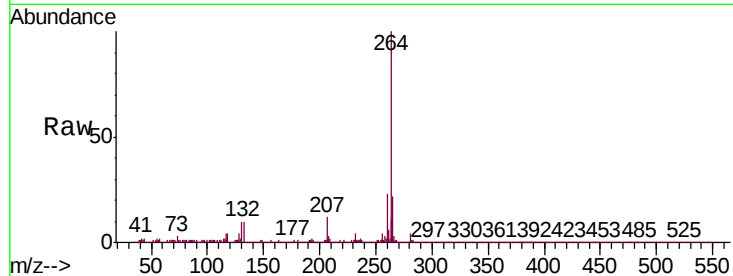
Tgt Ion:264 Resp: 175098

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 21.9 18.2 27.4

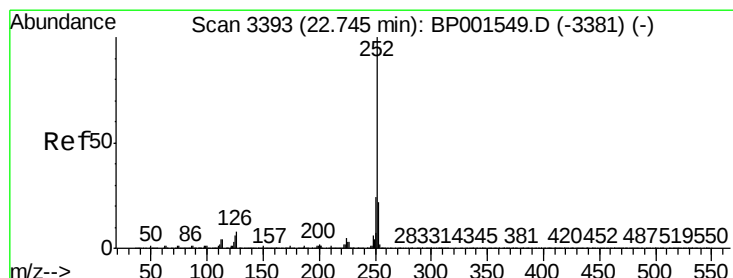
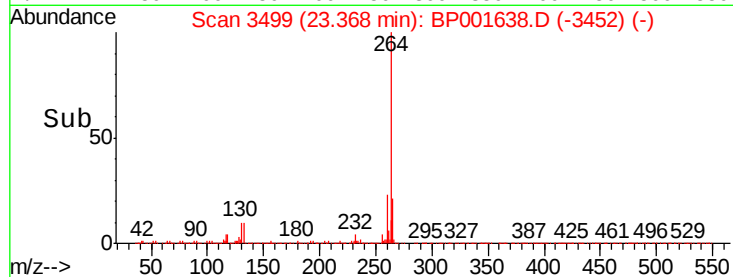
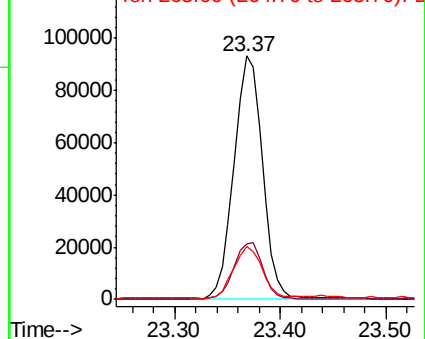


Abundance

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: 8.582 ng

RT: 22.70 min Scan# 3386

Delta R.T. -0.02 min

Lab File: BP001638.D

Acq: 16 Jan 2020 20:57

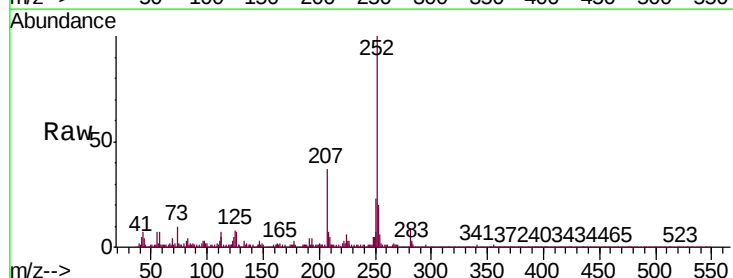
Tgt Ion:252 Resp: 94697

Ion Ratio Lower Upper

252 100

253 20.0 17.6 26.4

125 8.2 4.6 7.0#

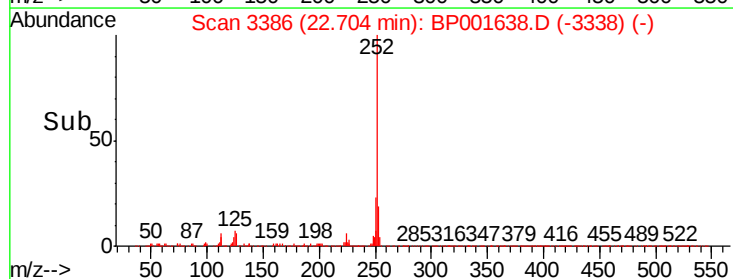
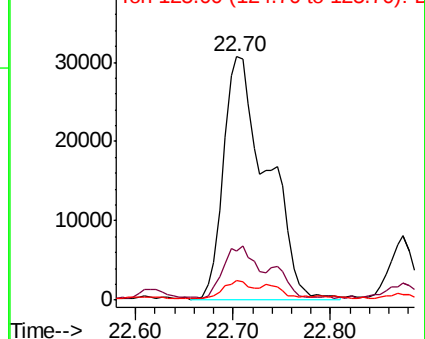


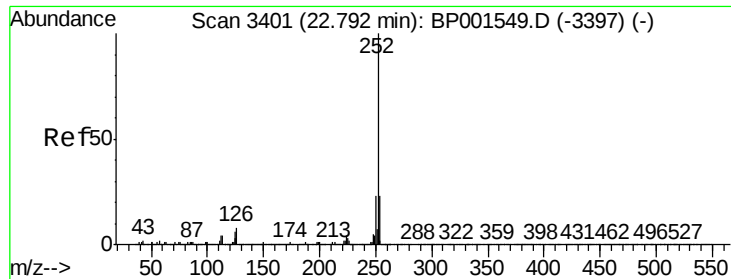
Abundance

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

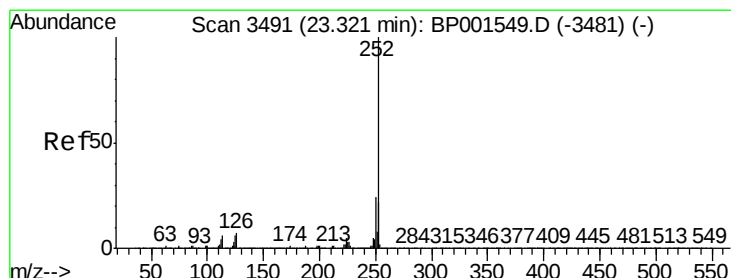
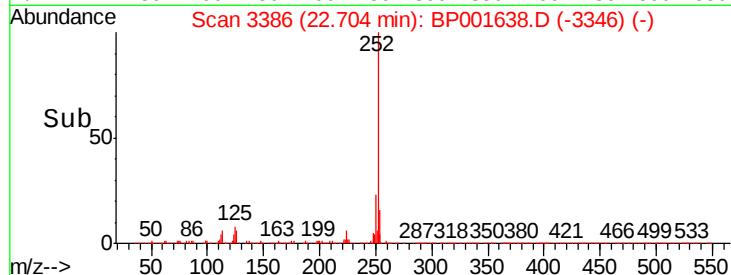
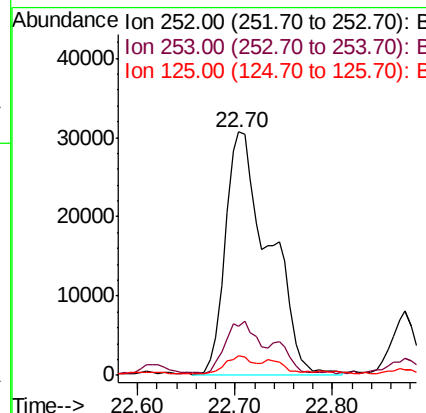
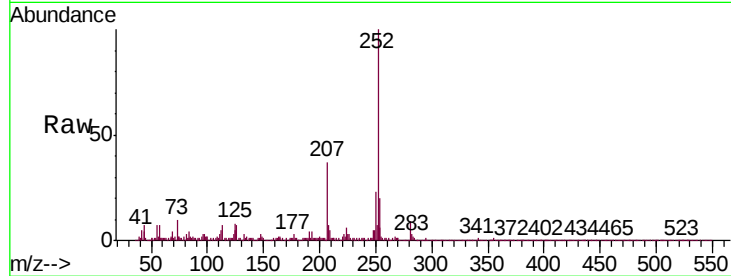




#89
Benzo(k)fluoranthene
Concen: 8.802 ng
RT: 22.70 min Scan# 3386
Delta R.T. -0.06 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

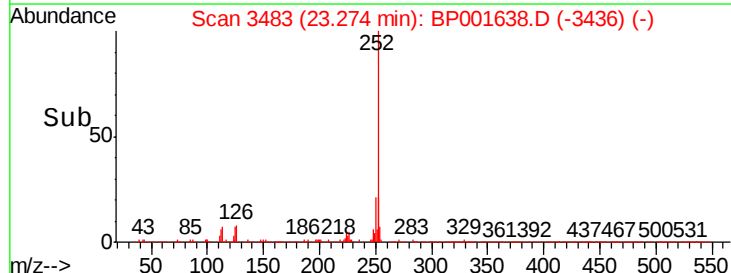
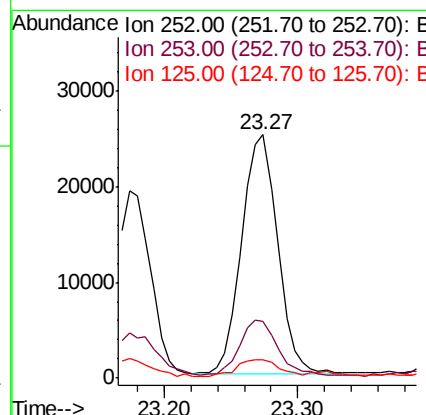
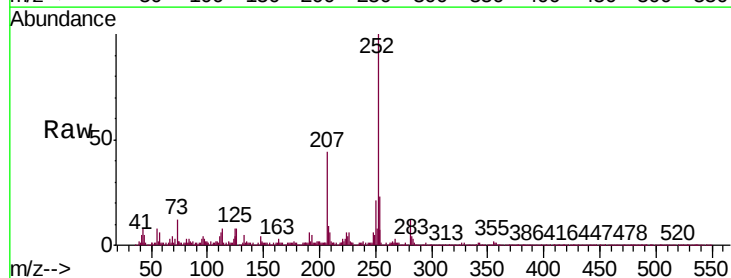
Instrument :
BNA_P
ClientSampleId :
SB-10-(7-9)

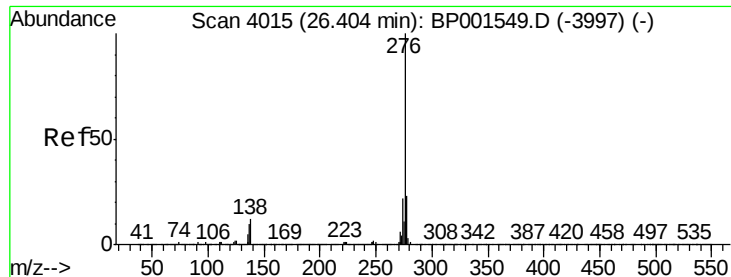
Tgt Ion:252 Resp: 94697
Ion Ratio Lower Upper
252 100
253 20.0 18.2 27.2
125 8.2 4.6 6.8#



#90
Benzo(a)pyrene
Concen: 4.465 ng
RT: 23.27 min Scan# 3483
Delta R.T. -0.02 min
Lab File: BP001638.D
Acq: 16 Jan 2020 20:57

Tgt Ion:252 Resp: 46781
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 7.7 5.0 7.4#





#92

Benzo(g,h,i)perylene

Concen: 3.381 ng

RT: 26.29 min Scan# 3996

Delta R.T. -0.05 min

Lab File: BP001638.D

Acq: 16 Jan 2020 20:57

Instrument :

BNA_P

ClientSampleId :

SB-10-(7-9)

Tgt Ion: 276 Resp: 36332

Ion Ratio Lower Upper

276 100

277 22.6 18.6 28.0

138 19.2 9.4 14.2#

