

Data File : BP001644.D
Acq On : 17 Jan 2020 00:19
Operator : JU
Sample : L1148-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13-(4-6)

Quant Time: Jan 17 04:36:29 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	38040	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	148956	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	101187	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	206161	20.00	ng	0.00
76) Chrysene-d12	21.16	240	175053	20.00	ng	0.00
87) Perylene-d12	23.39	264	181357	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	182336	93.90	ng	0.00
7) Phenol-d6	6.83	99	275068	88.63	ng	0.00
23) Nitrobenzene-d5	8.78	82	202794	59.49	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	109568	71.14	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	323206	46.96	ng	0.00
79) Terphenyl-d14	19.64	244	421653	44.06	ng	0.00

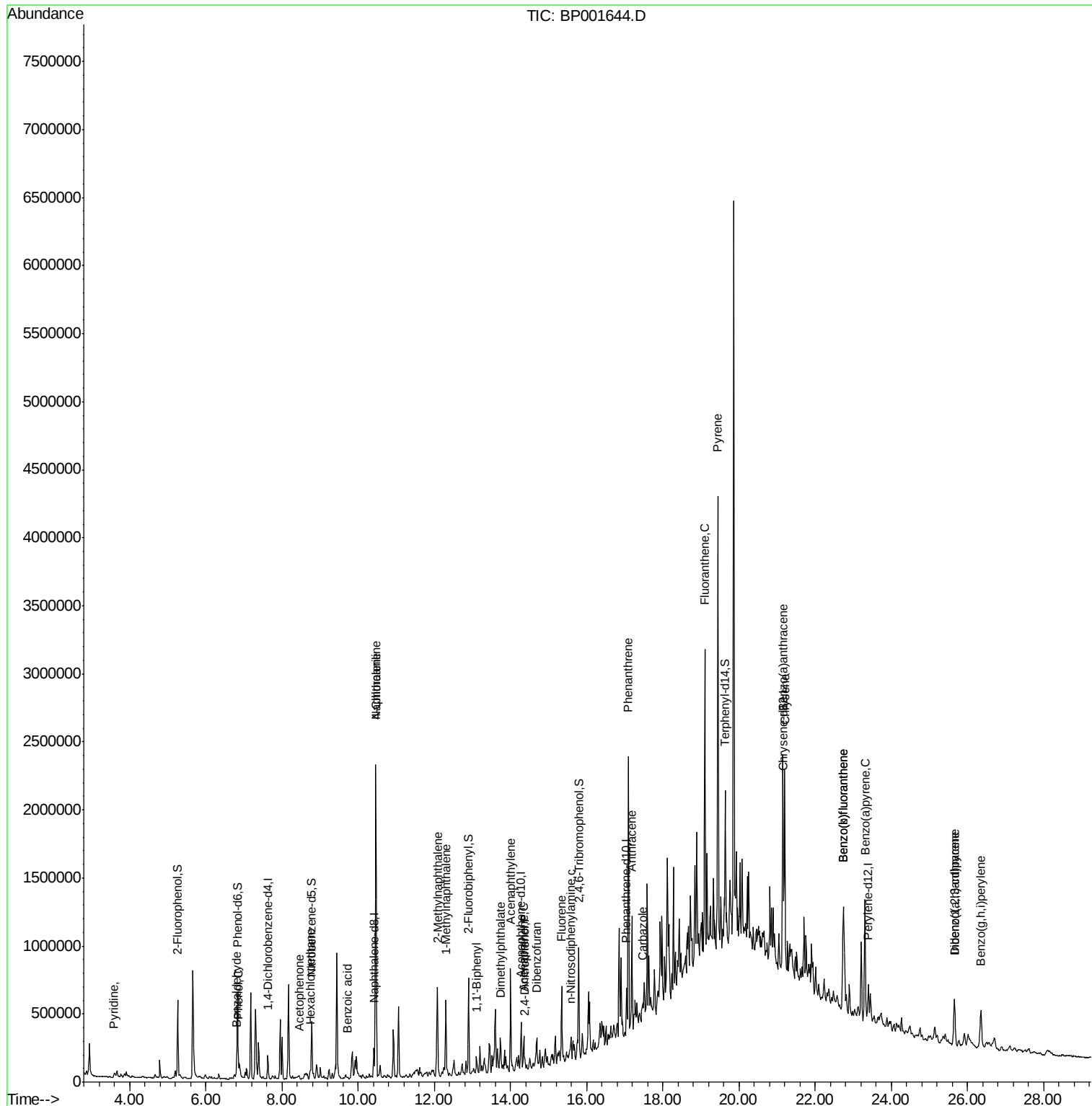
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.60	79	23937	10.689	ng	# 32
9) Benzaldehyde	6.79	77	5468	2.950	ng	# 1
10) Phenol	6.86	94	9593	2.988	ng	# 57
18) Hexachloroethane	8.73	117	14176	12.323	ng	# 30
22) Acetophenone	8.44	105	9934	2.379	ng	# 93
31) Naphthalene	10.46	128	1577137	200.618	ng	100
32) Benzoic acid	9.72	122	174	4.793	ng	# 1
33) 4-Chloroaniline	10.46	127	209402	57.852	ng	# 33
37) 2-Methylnaphthalene	12.08	142	238415	38.054	ng	93
38) 1-Methylnaphthalene	12.30	142	222756	36.947	ng	94
46) 1,1'-Biphenyl	13.10	154	56091	7.736	ng	98
49) Acenaphthylene	14.00	152	425997	45.836	ng	98
50) Dimethylphthalate	13.75	163	35948	4.313	ng	97
52) Acenaphthene	14.35	154	77544	13.472	ng	99
54) 2,4-Dinitrophenol	14.37	184	4401	4.429	ng	# 65
55) Dibenzofuran	14.68	168	95435	9.805	ng	# 96
58) Fluorene	15.34	166	224475	28.500	ng	96
66) n-Nitrosodiphenylamine	15.56	169	13011	2.382	ng	# 75
71) Phenanthrene	17.09	178	1110496	99.048	ng	99
72) Anthracene	17.18	178	460501	42.191	ng	100
73) Carbazole	17.46	167	43317	4.227	ng	# 88
75) Fluoranthene	19.10	202	1260134	85.418	ng	98
78) Pyrene	19.45	202	1745670	135.754	ng	99
81) Benzo(a)anthracene	21.14	228	803789	65.931	ng	96
83) Chrysene	21.20	228	762801	64.203	ng	95
86) Indeno(1,2,3-cd)pyrene	25.66	276	316570	22.762	ng	99
88) Benzo(b)fluoranthene	22.73	252	884455	77.392	ng	# 98
89) Benzo(k)fluoranthene	22.73	252	884455	79.376	ng	# 98
90) Benzo(a)pyrene	23.30	252	609535	56.174	ng	100
91) Dibenzo(a,h)anthracene	25.66	278	98945	8.838	ng	# 93
92) Benzo(g,h,i)perylene	26.35	276	337917	30.362	ng	98

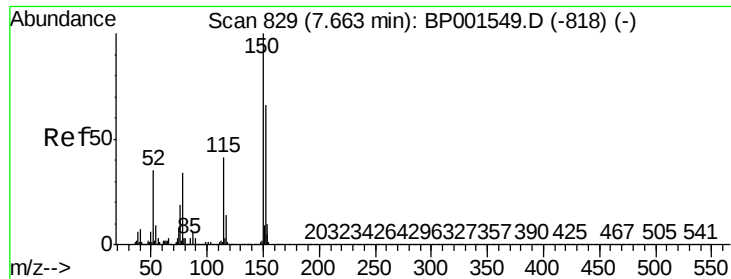
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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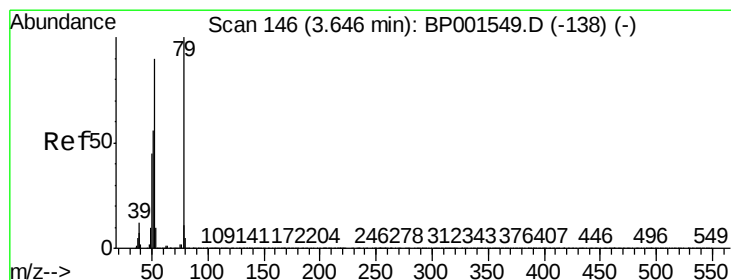
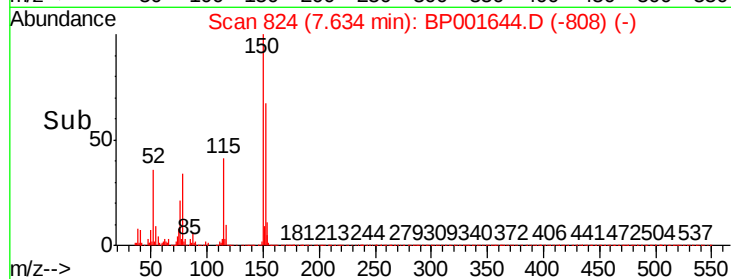
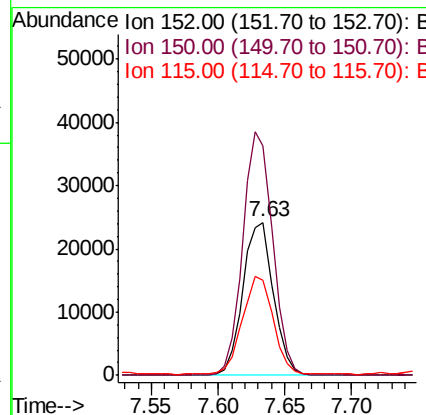
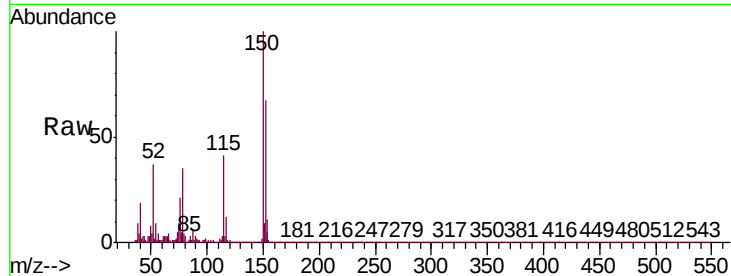


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

Instrument :
BNA_P
ClientSampleId :
SB-13-(4-6)

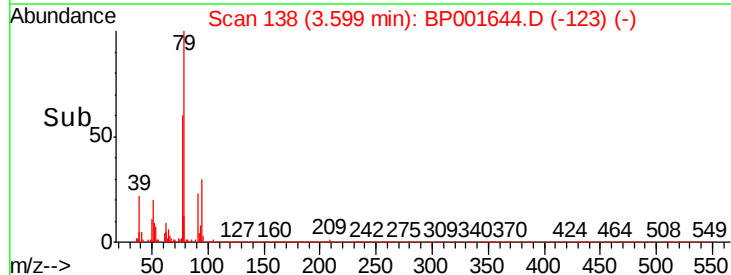
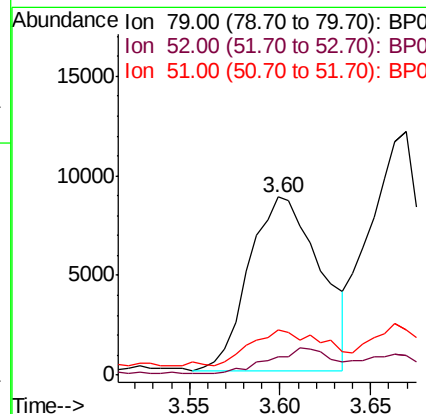
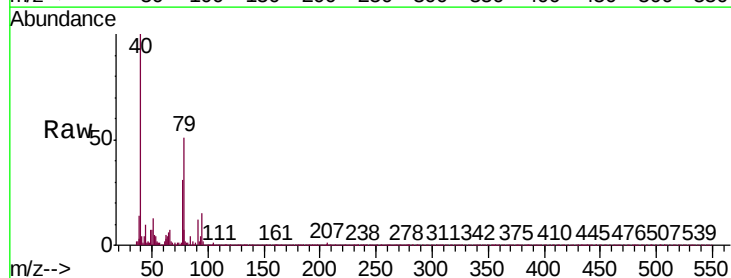
Tgt Ion: 152 Resp: 38040
Ion Ratio Lower Upper
152 100
150 150.2 122.0 183.0
115 62.3 50.7 76.1

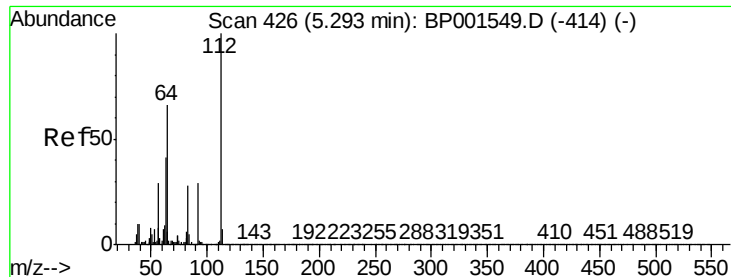


#3

Pyridine
Concen: 10.689 ng
RT: 3.60 min Scan# 138
Delta R.T. -0.01 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

Tgt Ion: 79 Resp: 23937
Ion Ratio Lower Upper
79 100
52 10.5 72.1 108.1#
51 25.3 44.8 67.2#





#5

2-Fluorophenol

Concen: 93.895 ng

RT: 5.26 min Scan# 420

Delta R.T. -0.01 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

Instrument :

BNA_P

ClientSampleId :

SB-13-(4-6)

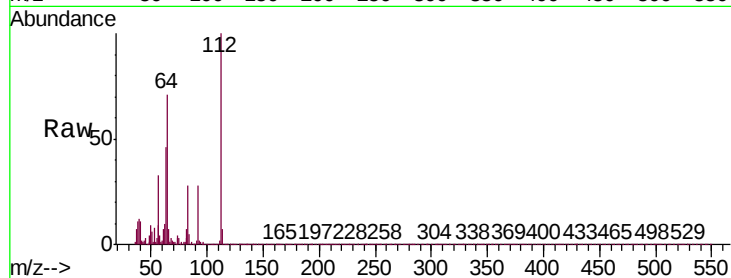
Tgt Ion: 112 Resp: 182336

Ion Ratio Lower Upper

112 100

64 71.4 52.8 79.2

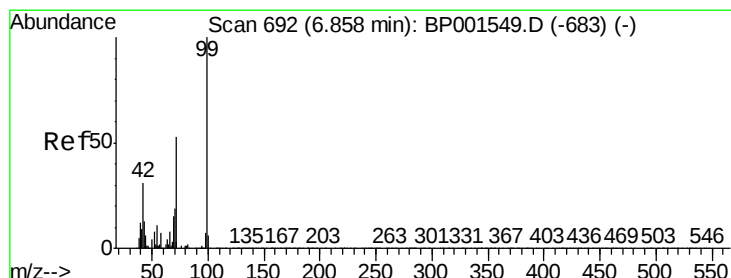
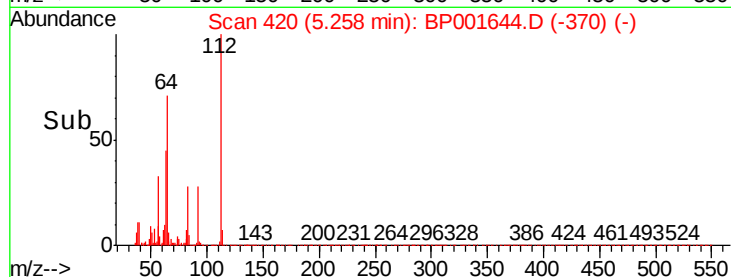
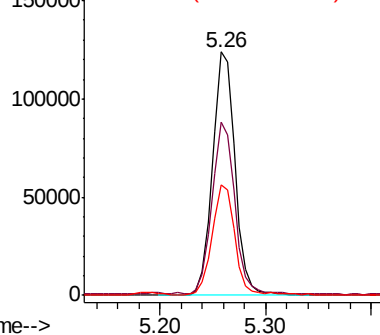
63 45.6 33.1 49.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 88.630 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.00 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

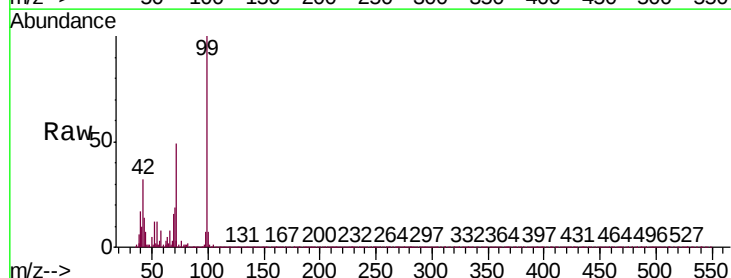
Tgt Ion: 99 Resp: 275068

Ion Ratio Lower Upper

99 100

42 32.2 24.5 36.7

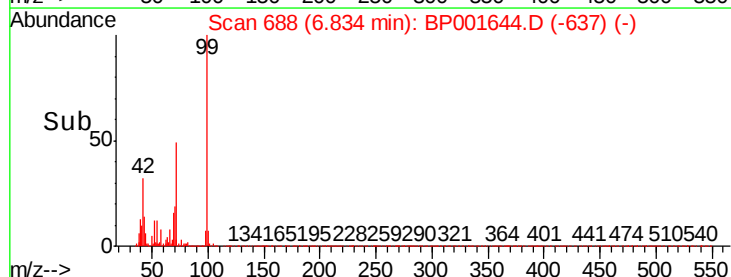
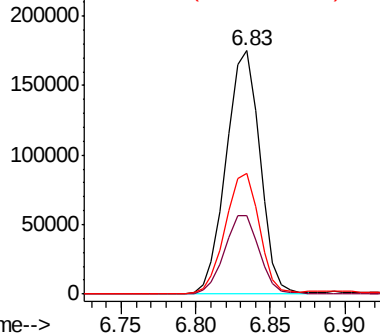
71 49.5 42.4 63.6

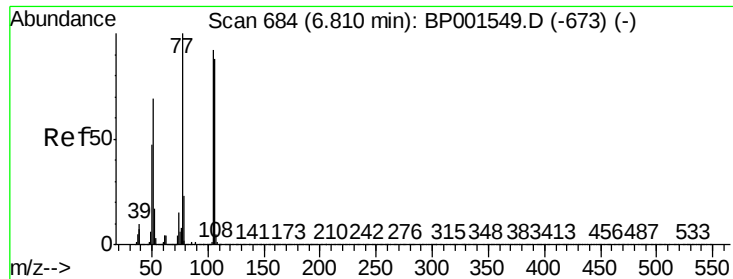


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0





#9

Benzaldehyde

Concen: 2.950 ng

RT: 6.79 min Scan# 681

Delta R.T. 0.01 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

Instrument :

BNA_P

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SB-13-(4-6)

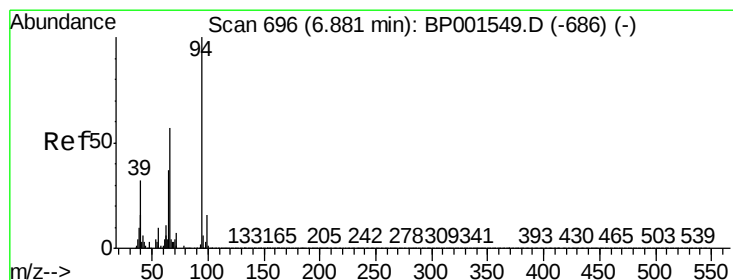
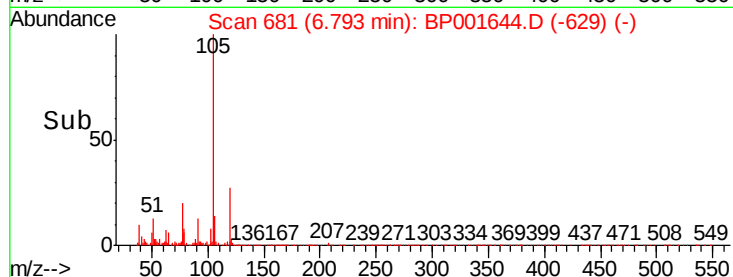
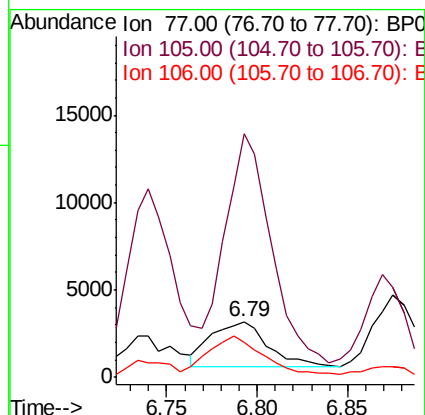
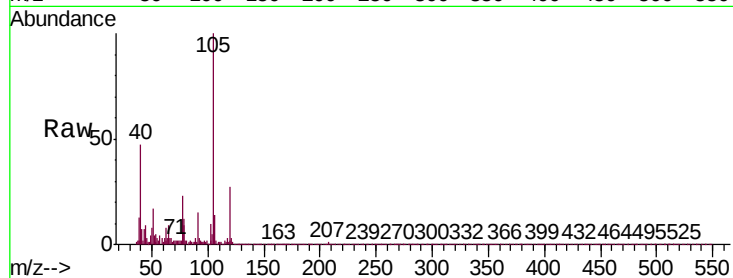
Tgt Ion: 77 Resp: 5468

Ion Ratio Lower Upper

77 100

105 436.4 71.6 111.6#

106 63.0 67.7 107.7#



#10

Phenol

Concen: 2.988 ng

RT: 6.86 min Scan# 692

Delta R.T. -0.00 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

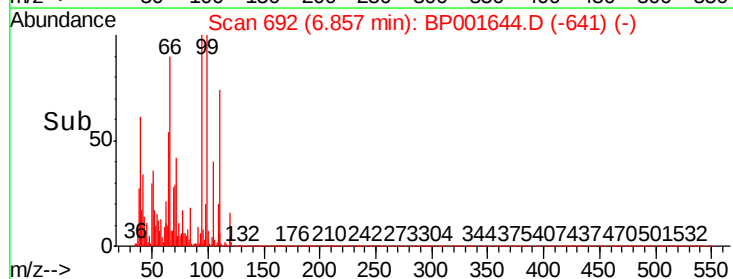
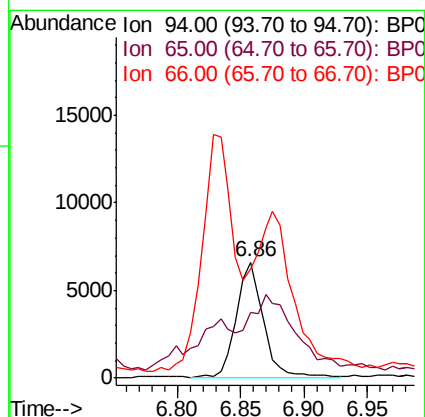
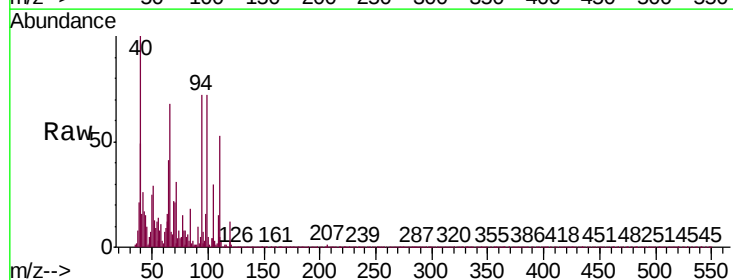
Tgt Ion: 94 Resp: 9593

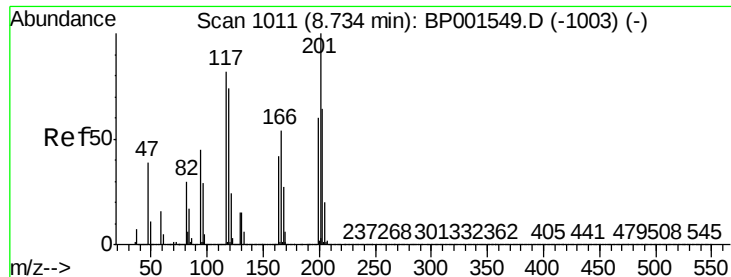
Ion Ratio Lower Upper

94 100

65 56.7 17.5 57.5

66 94.1 36.7 76.7#

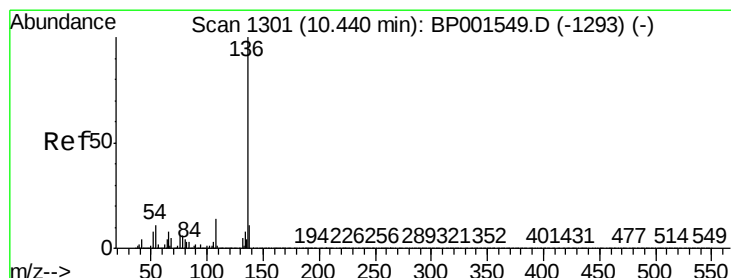
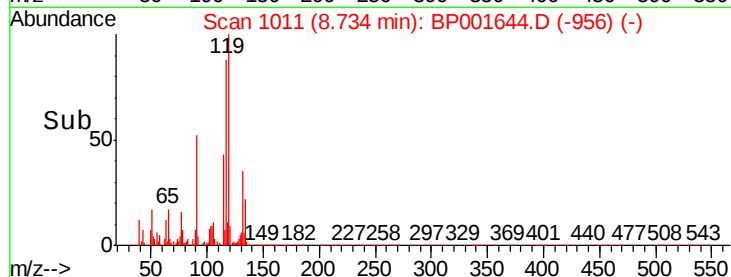
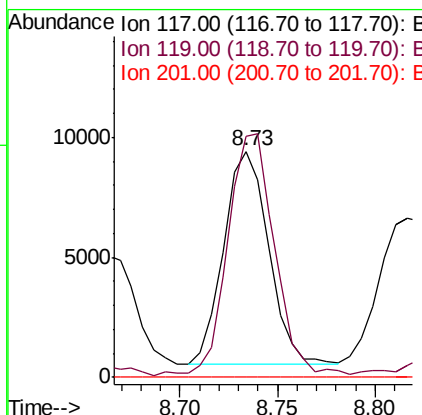
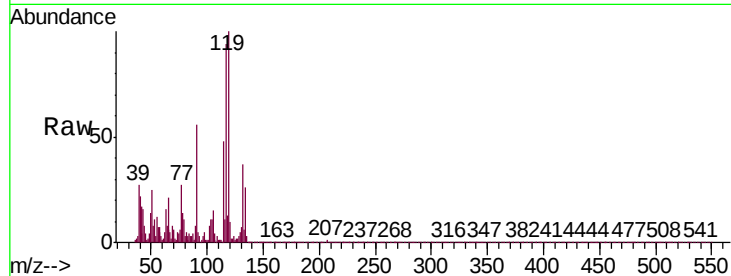




#18
Hexachloroethane
Concen: 12.323 ng
RT: 8.73 min Scan# 1011
Delta R.T. 0.02 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

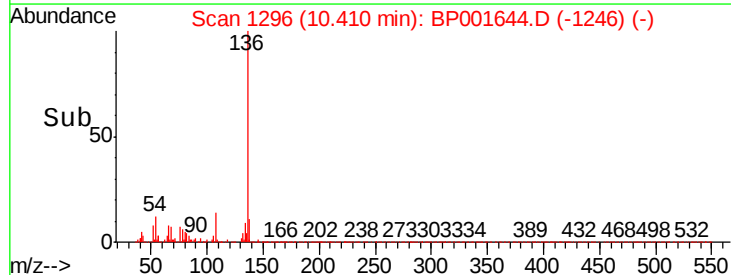
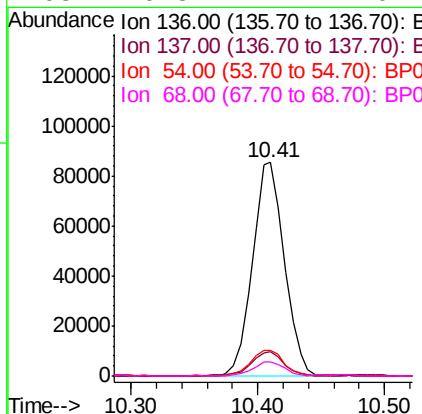
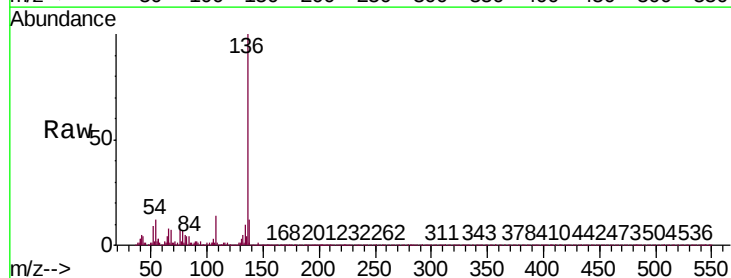
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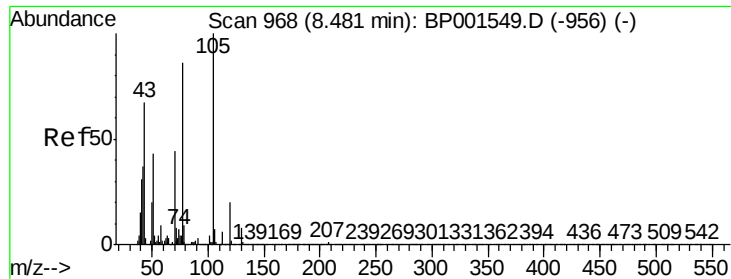
Tgt Ion:117 Resp: 14176
Ion Ratio Lower Upper
117 100
119 106.6 71.8 107.8
201 0.2 97.6 146.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

Tgt Ion:136 Resp: 148956
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 12.0 9.2 13.8
68 6.8 4.1 6.1#

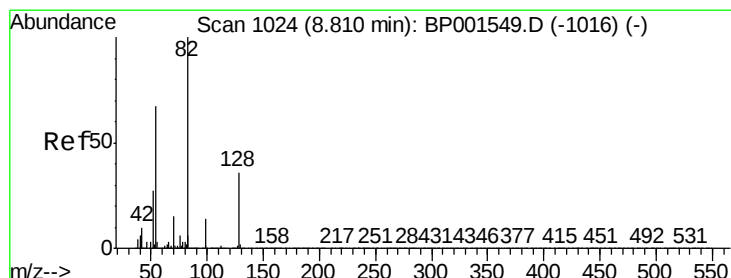
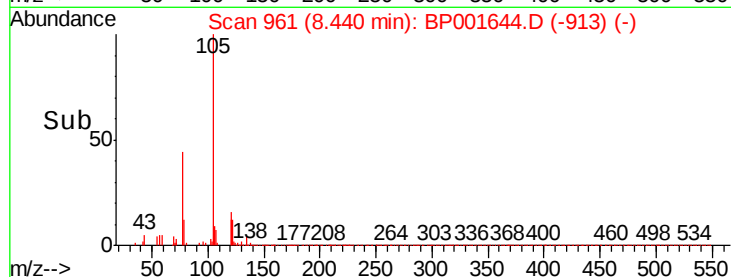
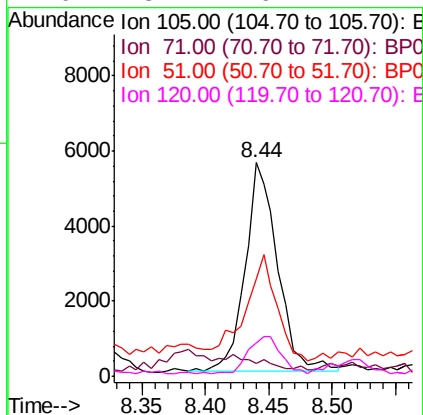
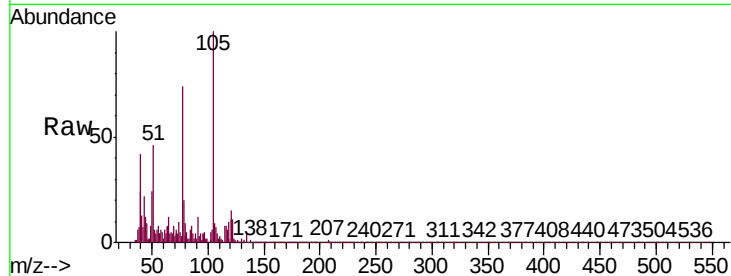




#22
Acetophenone
Concen: 2.379 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.02 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

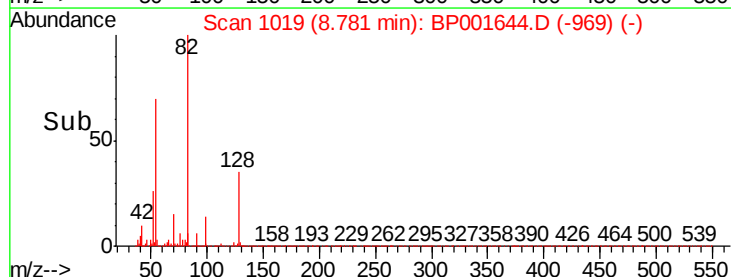
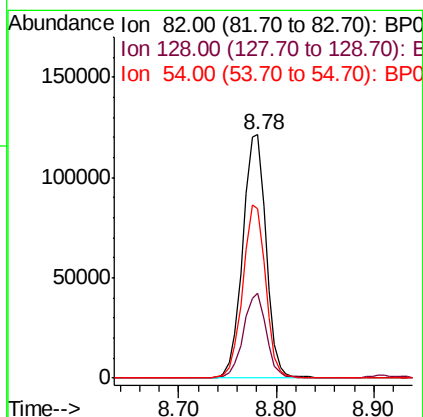
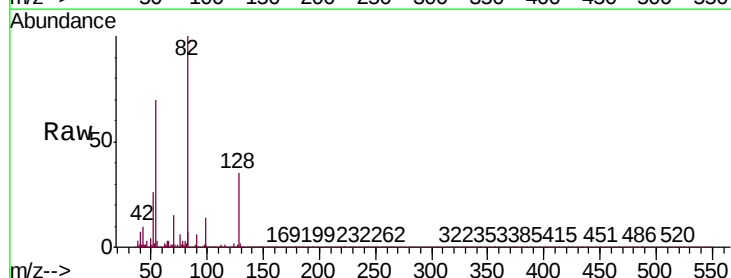
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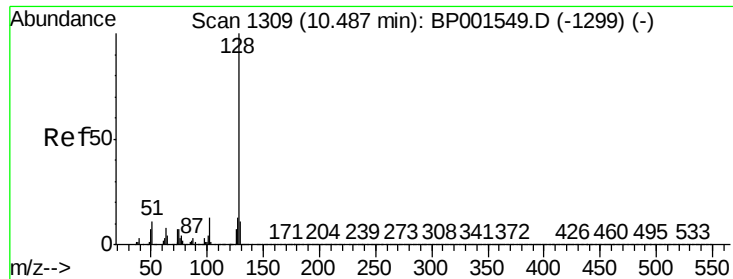
Tgt Ion:	105	Resp:	9934
Ion	Ratio	Lower	Upper
105	100		
71	6.1	6.6	10.0#
51	45.7	34.1	51.1
120	15.4	16.1	24.1#



#23
Nitrobenzene-d5
Concen: 59.491 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

Tgt Ion:	82	Resp:	202794
Ion	Ratio	Lower	Upper
82	100		
128	34.9	28.4	42.6
54	69.8	53.4	80.2

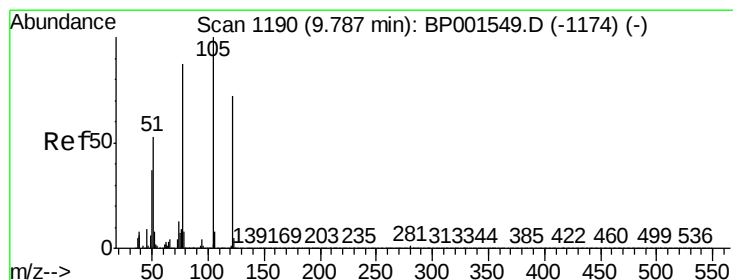
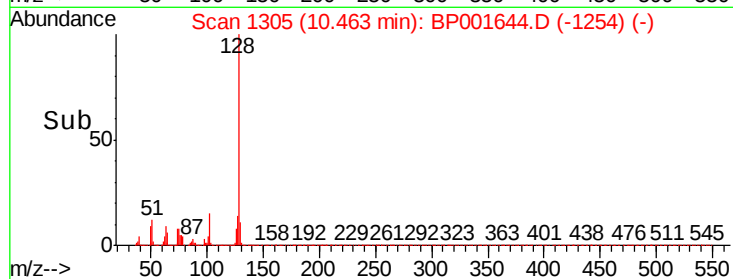
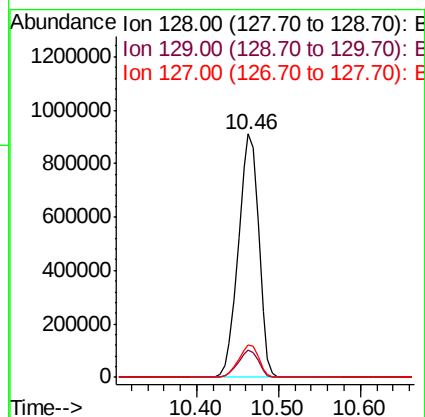
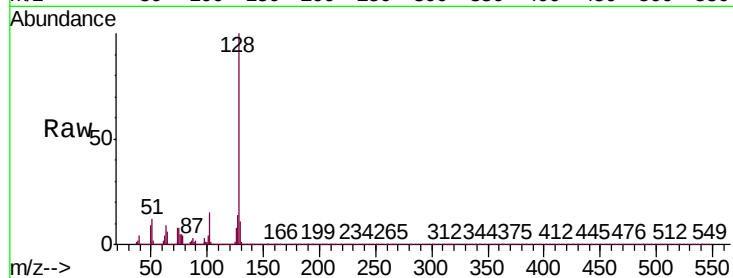




#31
Naphthalene
Concen: 200.618 ng
RT: 10.46 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

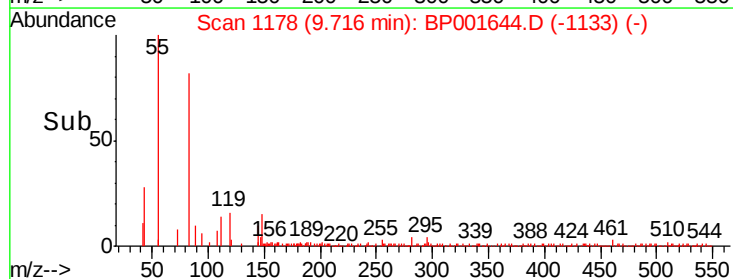
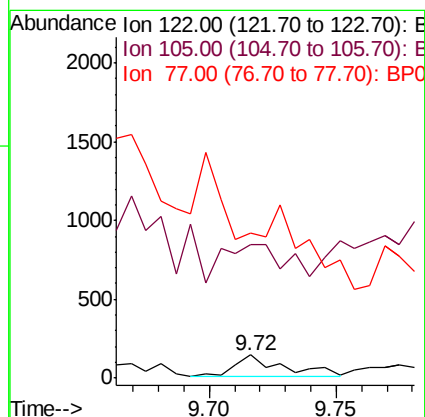
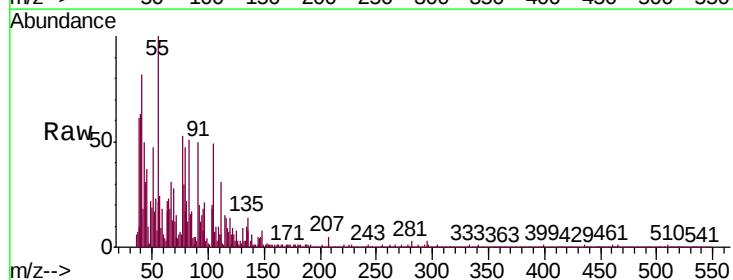
Instrument :
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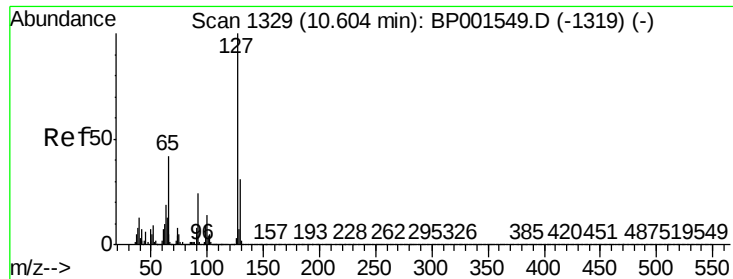
Tgt Ion:128 Resp: 1577137
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 4.793 ng
RT: 9.72 min Scan# 1178
Delta R.T. -0.04 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

Tgt Ion:122 Resp: 174
Ion Ratio Lower Upper
122 100
105 573.6 119.5 159.5#
77 620.3 102.8 142.8#

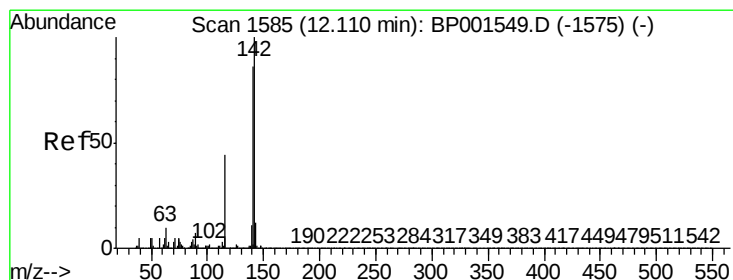
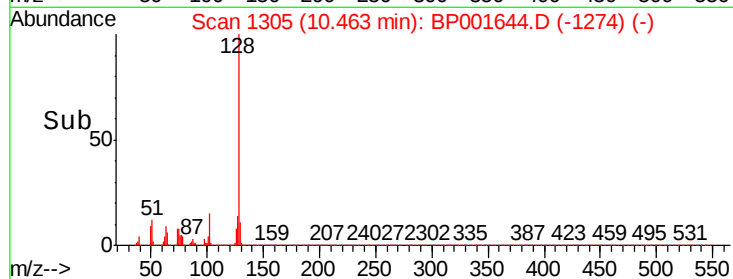
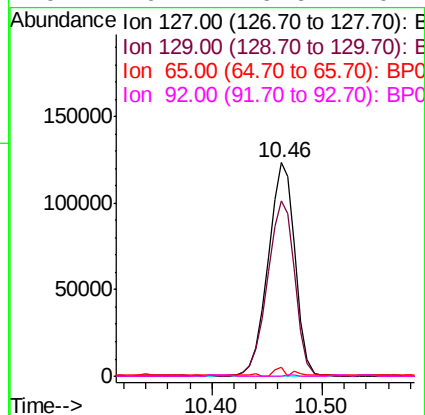
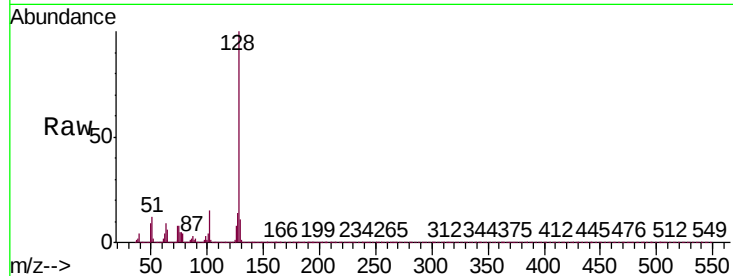




#33
4-Chloroaniline
Concen: 57.852 ng
RT: 10.46 min Scan# 1305
Delta R.T. -0.12 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

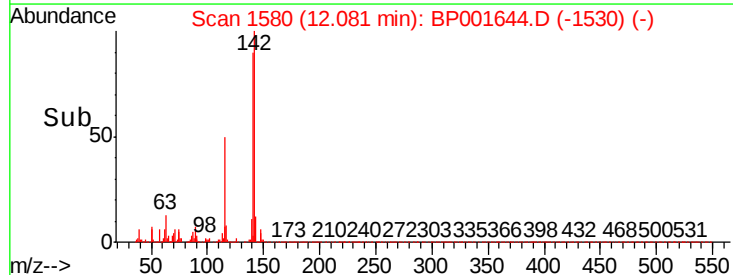
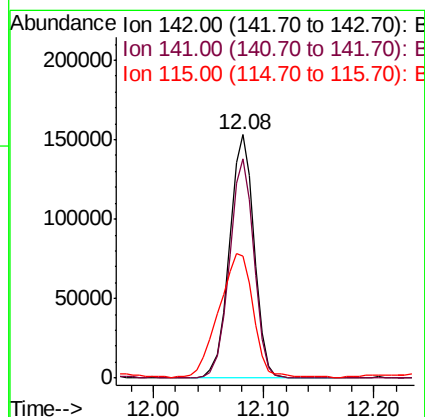
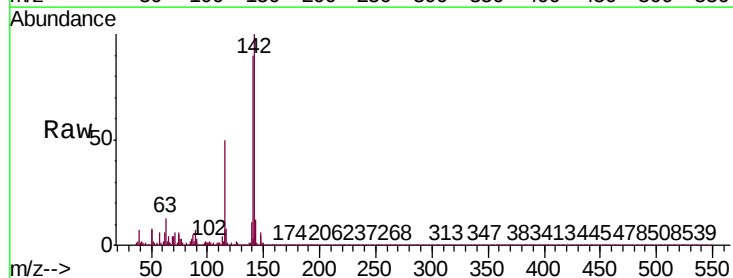
Instrument :
BNA_P
ClientSampleId :
SB-13-(4-6)

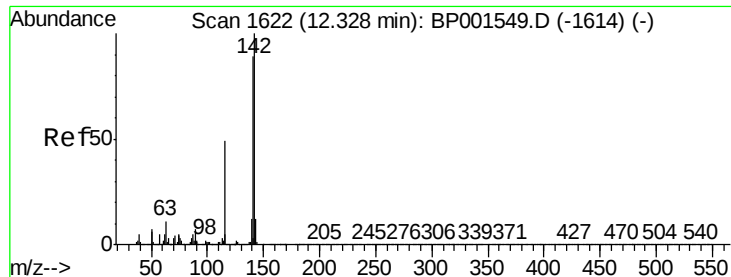
Tgt Ion:	127	Resp:	209402
Ion Ratio	Lower	Upper	
127	100		
129	82.0	24.9	37.3#
65	4.3	33.3	49.9#
92	0.2	19.6	29.4#



#37
2-Methylnaphthalene
Concen: 38.054 ng
RT: 12.08 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

Tgt Ion:	142	Resp:	238415
Ion Ratio	Lower	Upper	
142	100		
141	89.9	68.4	102.6
115	50.3	35.1	52.7





#38

1-Methylnaphthalene

Concen: 36.947 ng

RT: 12.30 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

Instrument :

BNA_P

ClientSampleId :

SB-13-(4-6)

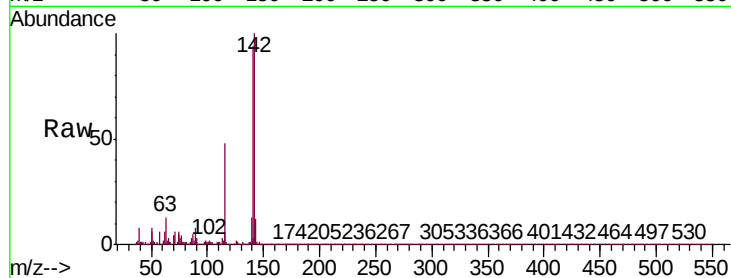
Tgt Ion:142 Resp: 222756

Ion Ratio Lower Upper

142 100

141 94.3 70.9 106.3

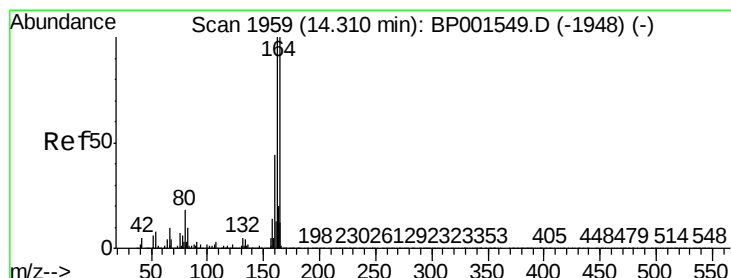
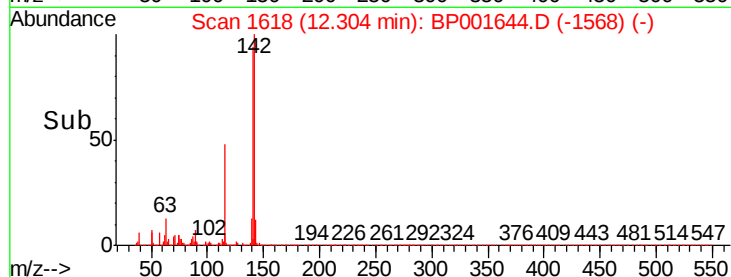
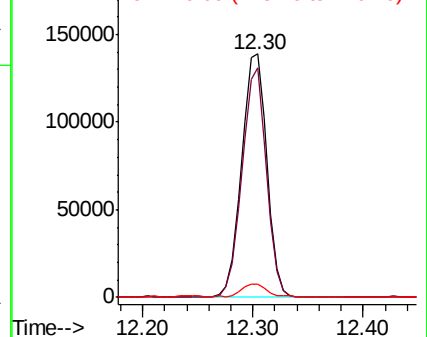
116 5.4 4.1 6.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.28 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

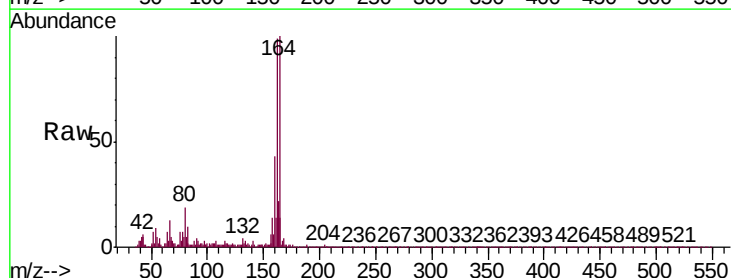
Tgt Ion:164 Resp: 101187

Ion Ratio Lower Upper

164 100

162 98.8 79.8 119.6

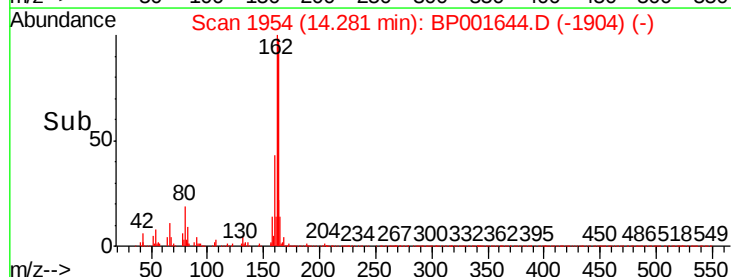
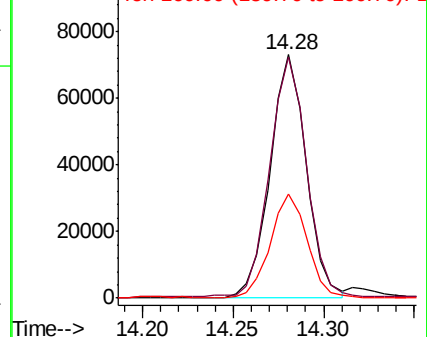
160 42.9 35.0 52.6

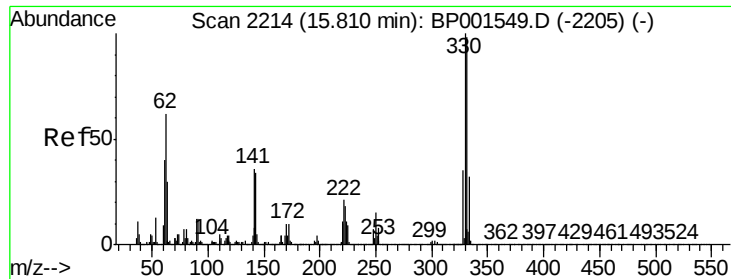


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

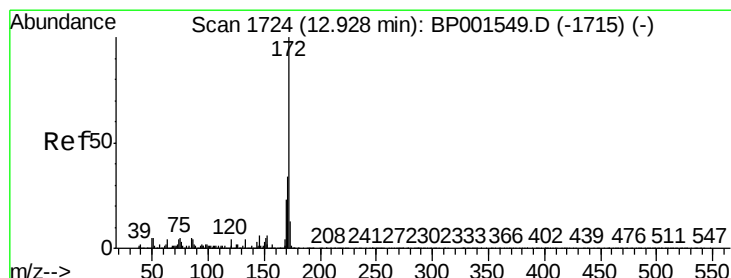
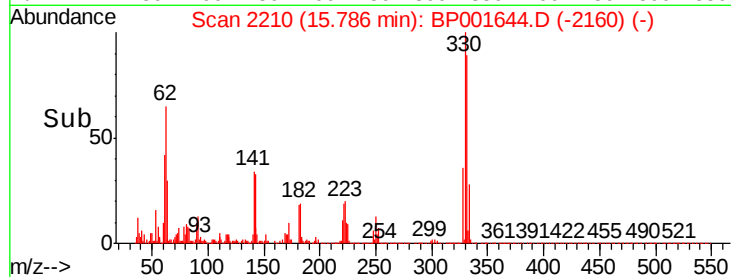
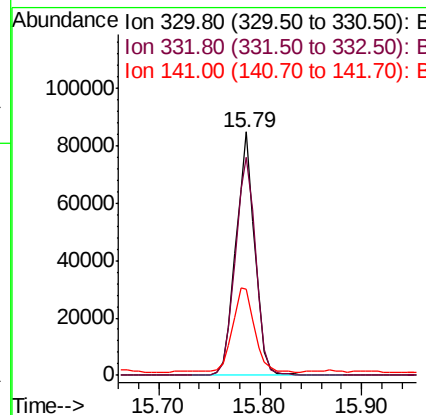
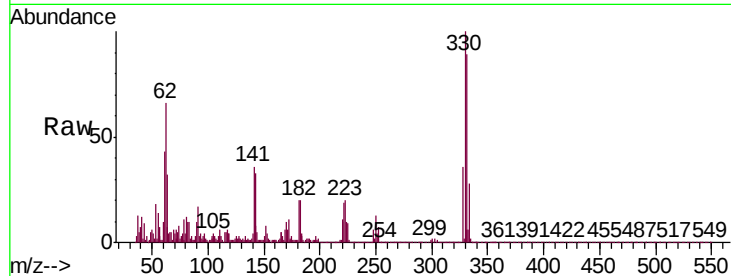




#42
 2,4,6-Tribromophenol
 Concen: 71.136 ng
 RT: 15.79 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BP001644.D
 Acq: 17 Jan 2020 00:19

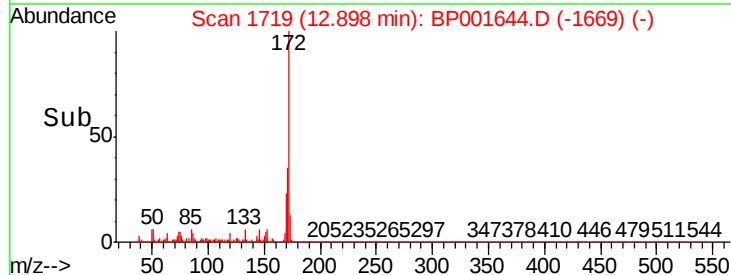
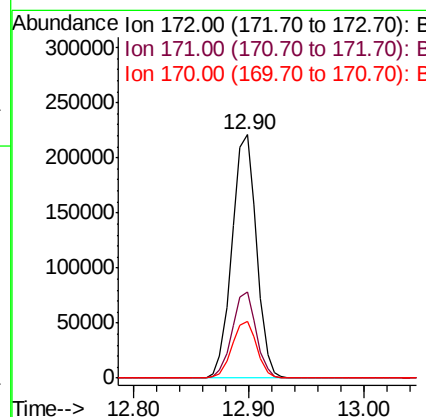
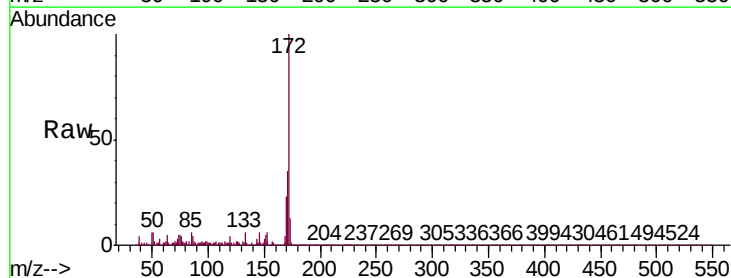
Instrument :
 BNA_P
 ClientSampled :
 SB-13-(4-6)

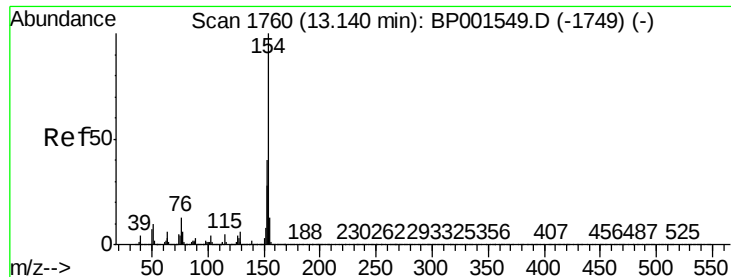
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.8	116.6
141	40.6	28.7	43.1



#45
 2-Fluorobiphenyl
 Concen: 46.963 ng
 RT: 12.90 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BP001644.D
 Acq: 17 Jan 2020 00:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.6	41.4
170	23.2	18.3	27.5

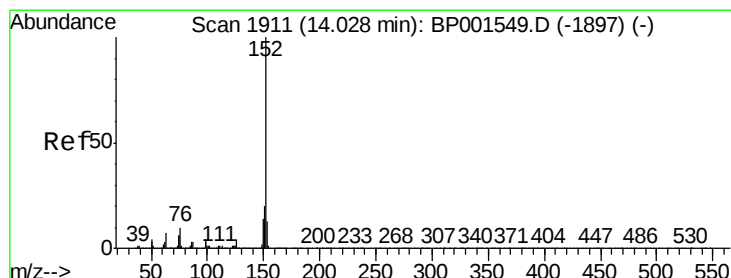
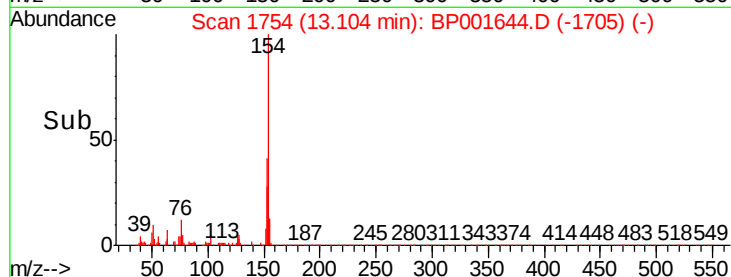
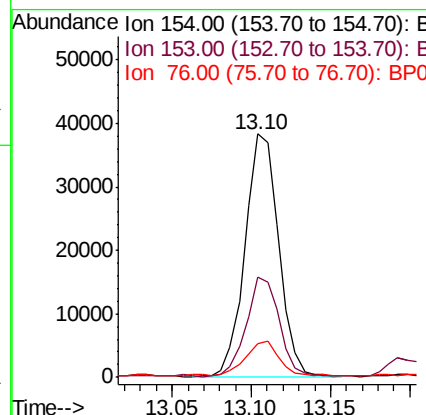
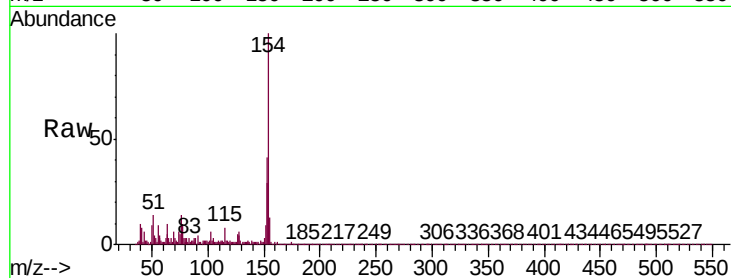




#46
1,1'-Biphenyl
Concen: 7.736 ng
RT: 13.10 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

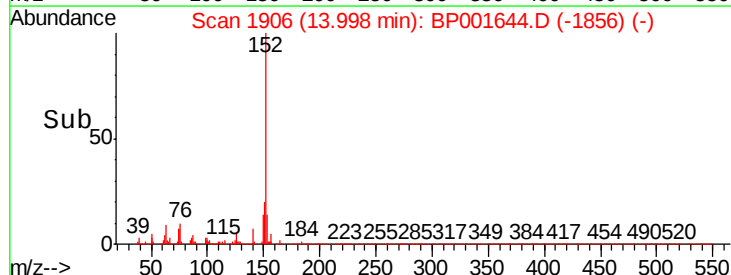
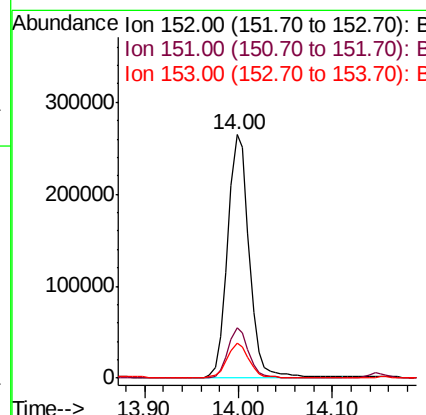
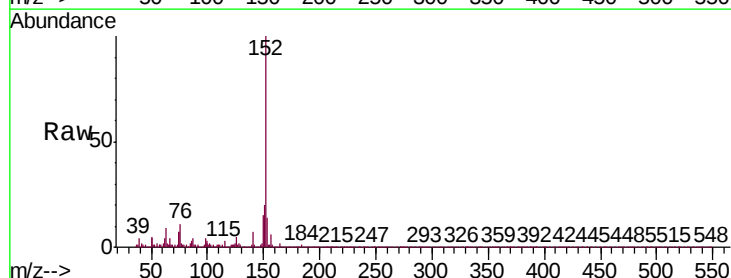
Instrument :
BNA_P
ClientSampleId :
SB-13-(4-6)

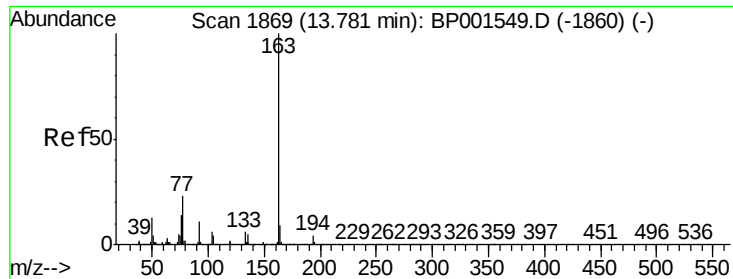
Tgt Ion:154 Resp: 56091
Ion Ratio Lower Upper
154 100
153 41.0 19.5 59.5
76 13.9 0.0 33.1



#49
Acenaphthylene
Concen: 45.836 ng
RT: 14.00 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

Tgt Ion:152 Resp: 425997
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 14.2 10.4 15.6

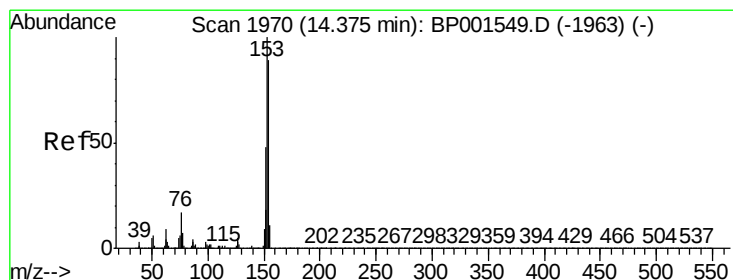
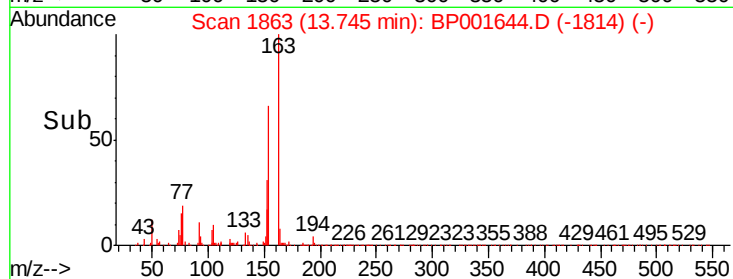
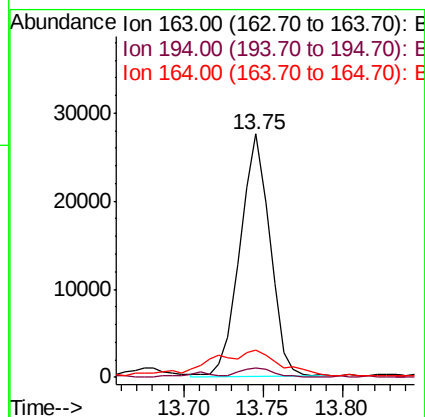
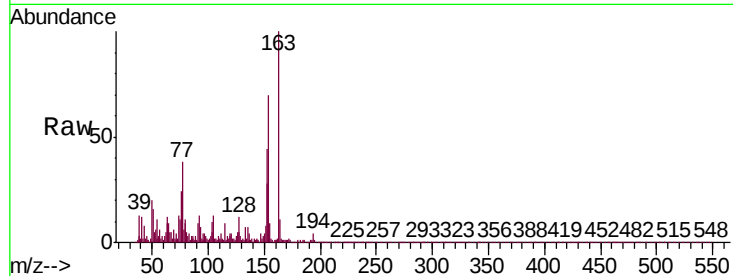




#50
Dimethylphthalate
Concen: 4.313 ng
RT: 13.75 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

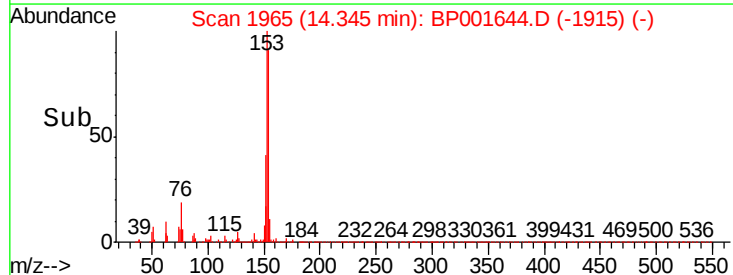
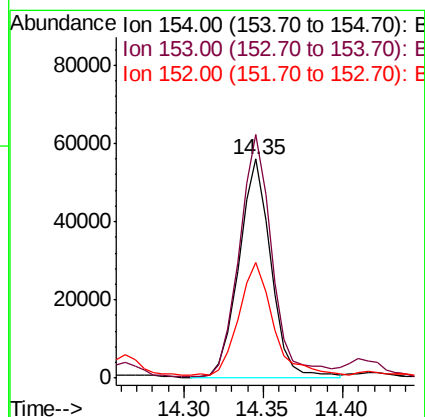
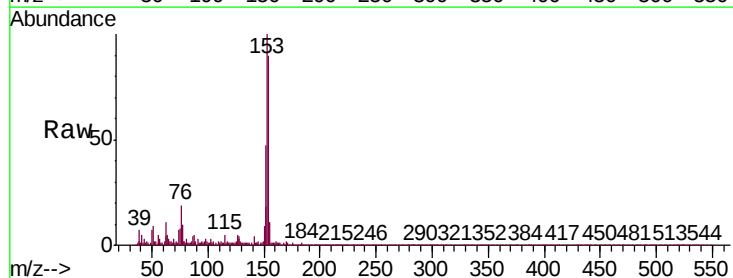
Instrument :
BNA_P
ClientSampleId :
SB-13-(4-6)

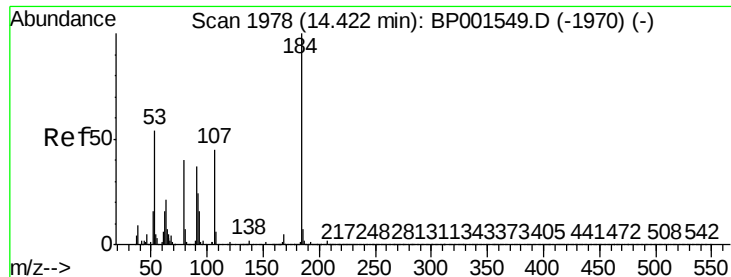
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	11.0	7.5	11.3



#52
Acenaphthene
Concen: 13.472 ng
RT: 14.35 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.4	134.2
152	52.4	42.6	64.0

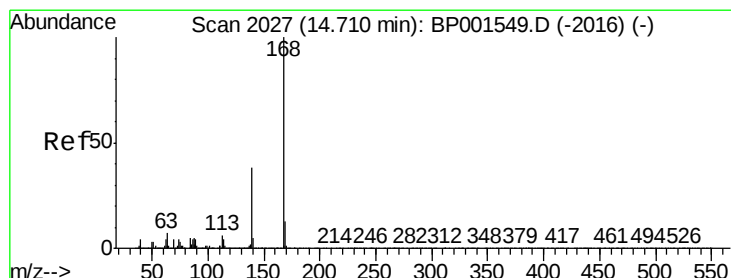
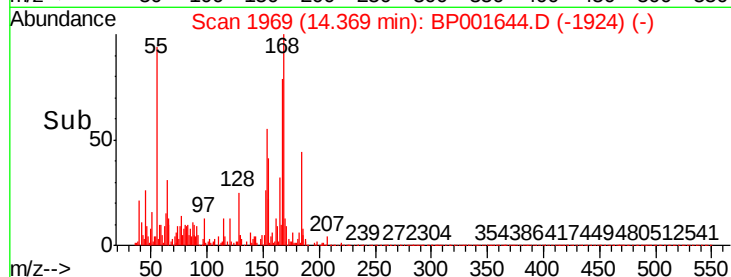
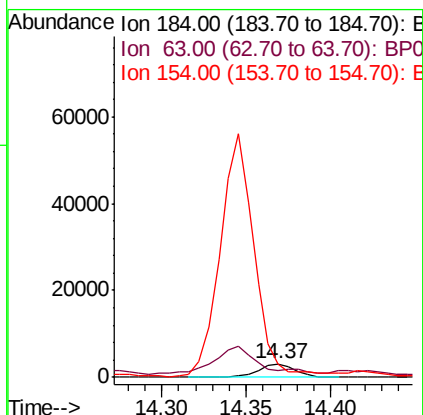
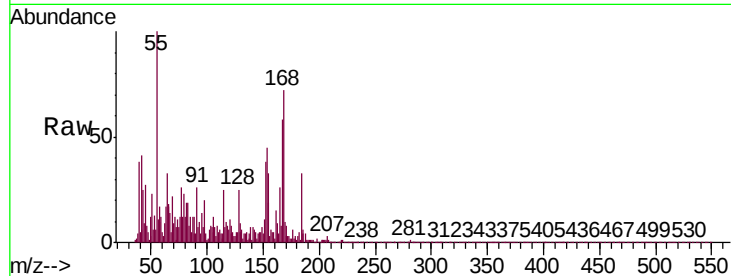




#54
2,4-Dinitrophenol
Concen: 4.429 ng
RT: 14.37 min Scan# 1969
Delta R.T. -0.04 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

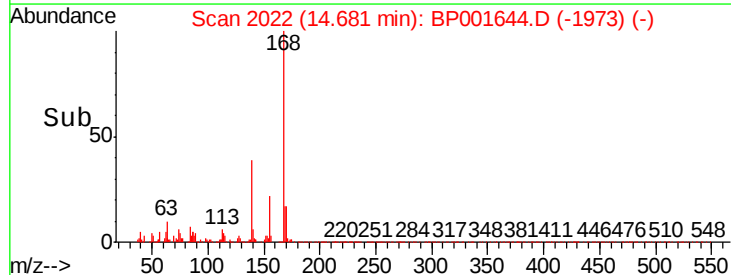
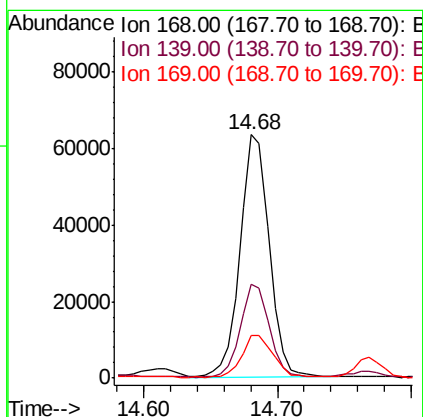
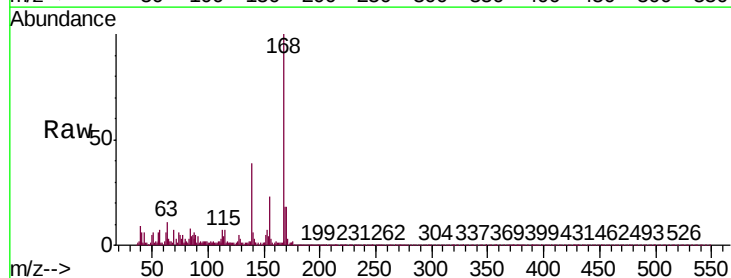
Instrument :
BNA_P
ClientSampleId :
SB-13-(4-6)

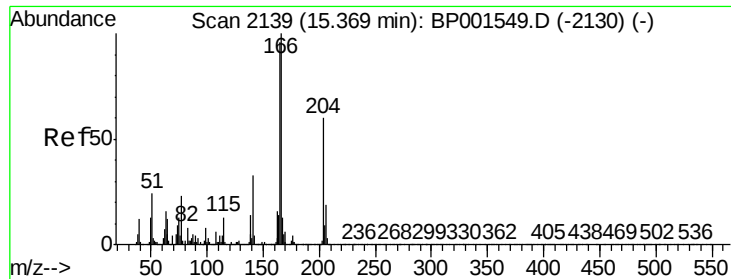
Tgt Ion:184 Resp: 4401
Ion Ratio Lower Upper
184 100
63 52.3 59.7 89.5#
154 102.6 53.9 80.9#



#55
Dibenzofuran
Concen: 9.805 ng
RT: 14.68 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

Tgt Ion:168 Resp: 95435
Ion Ratio Lower Upper
168 100
139 38.7 30.2 45.4
169 17.6 10.6 16.0#





#58

Fluorene

Concen: 28.500 ng

RT: 15.34 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

Instrument :

BNA_P

ClientSampleId :

SB-13-(4-6)

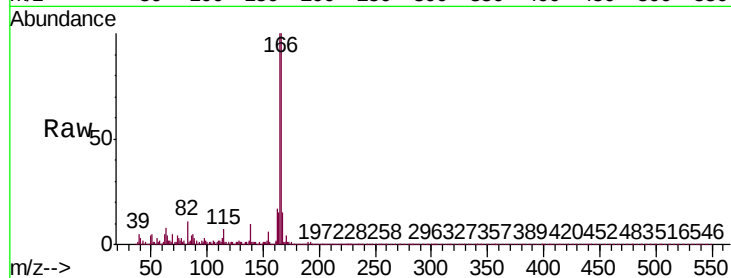
Tgt Ion:166 Resp: 224475

Ion Ratio Lower Upper

166 100

165 100.2 76.9 115.3

167 15.1 10.3 15.5



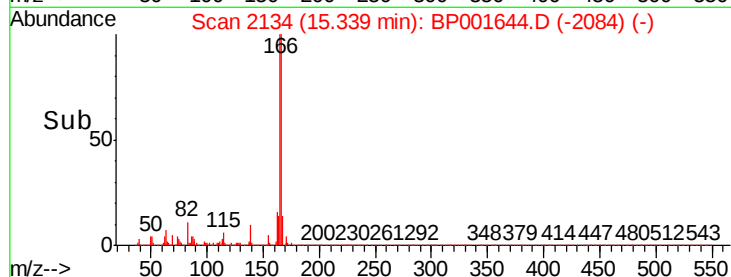
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

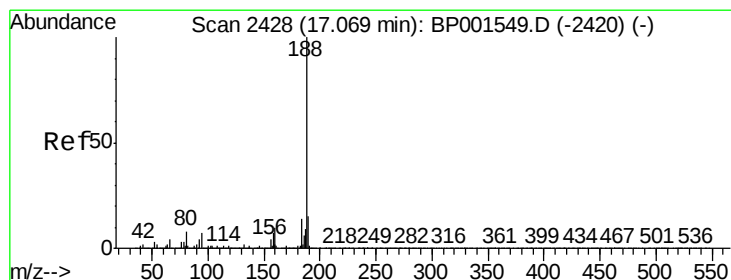
Ion 167.00 (166.70 to 167.70): E

15.34

15.30 15.35 15.40 15.45



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

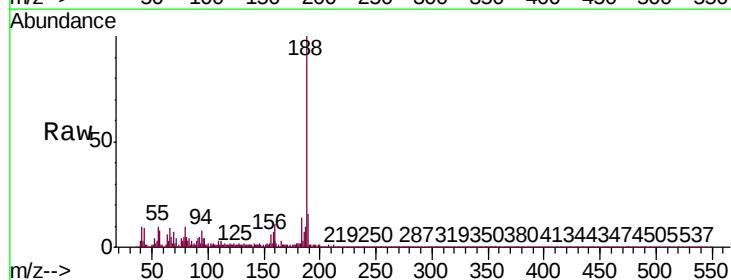
Tgt Ion:188 Resp: 206161

Ion Ratio Lower Upper

188 100

94 8.1 5.9 8.9

80 9.7 6.8 10.2



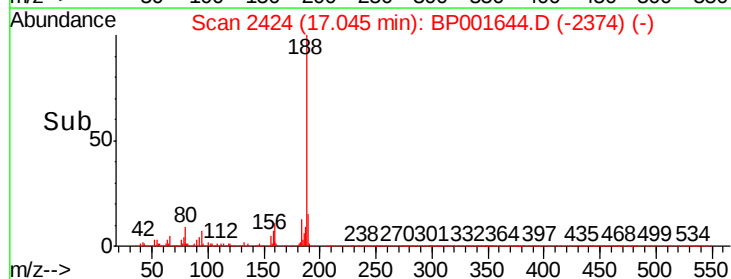
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

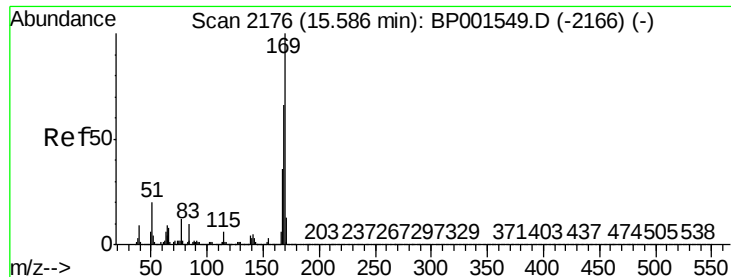
Ion 80.00 (79.70 to 80.70): BP0

17.05

16.95 17.00 17.05 17.10



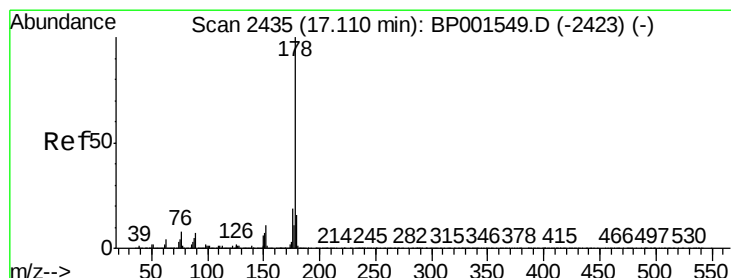
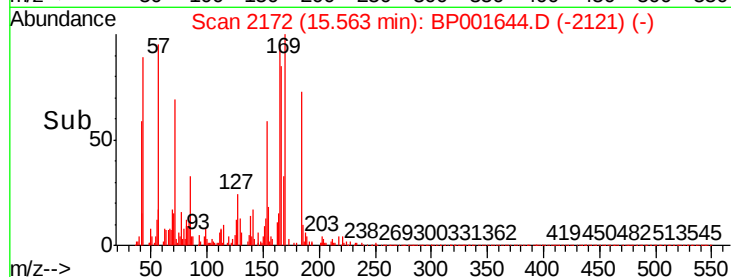
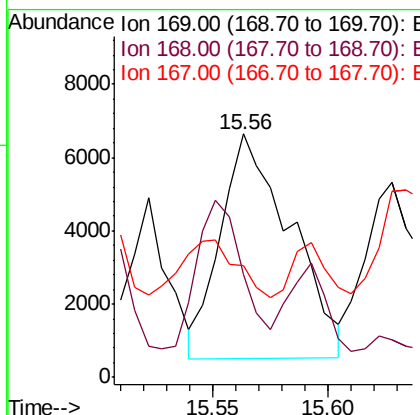
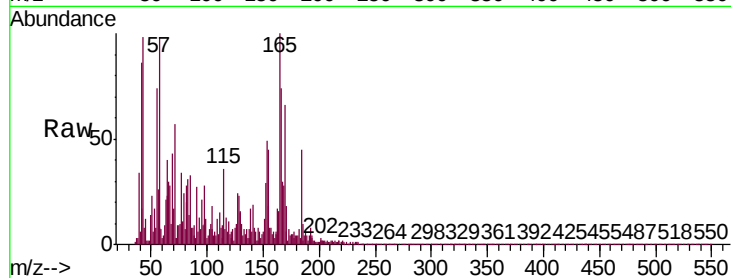
Time-->



#66
 n-Nitrosodiphenylamine
 Concen: 2.382 ng
 RT: 15.56 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BP001644.D
 Acq: 17 Jan 2020 00:19

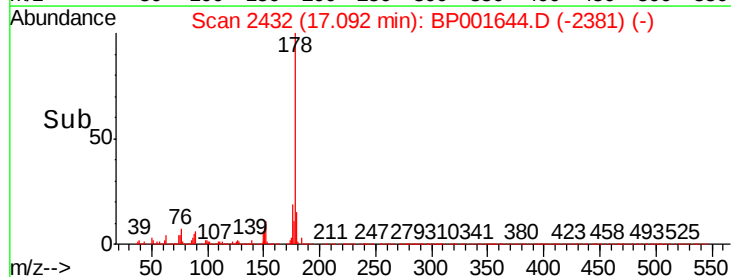
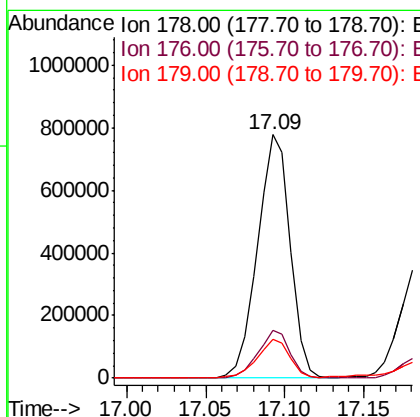
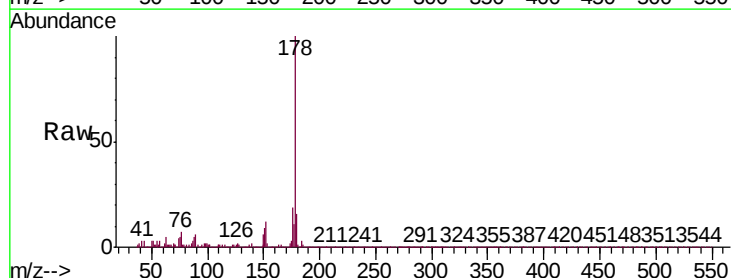
Instrument :
 BNA_P
 ClientSampleId :
 SB-13-(4-6)

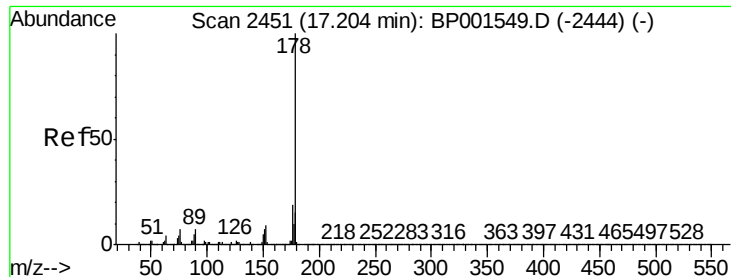
Tgt Ion:169 Resp: 13011
 Ion Ratio Lower Upper
 169 100
 168 42.3 53.1 79.7#
 167 45.9 28.9 43.3#



#71
 Phenanthrene
 Concen: 99.048 ng
 RT: 17.09 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BP001644.D
 Acq: 17 Jan 2020 00:19

Tgt Ion:178 Resp: 1110496
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.9 22.3
 179 15.8 12.5 18.7





#72

Anthracene

Concen: 42.191 ng

RT: 17.18 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

Instrument :

BNA_P

ClientSampleId :

SB-13-(4-6)

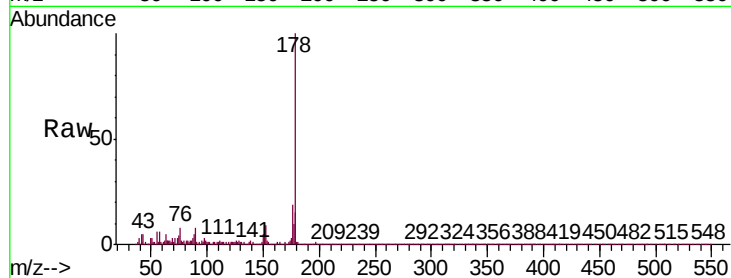
Tgt Ion:178 Resp: 460501

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

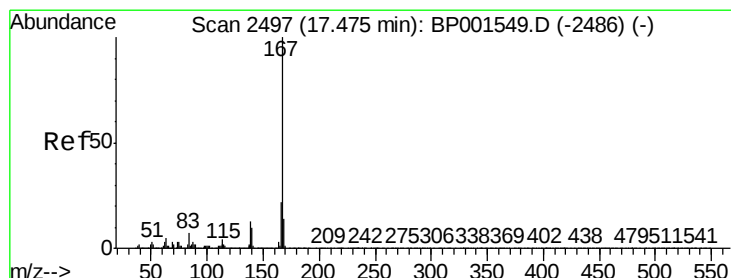
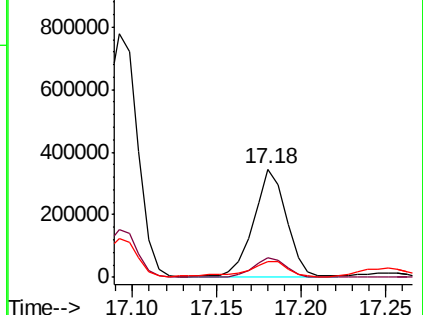
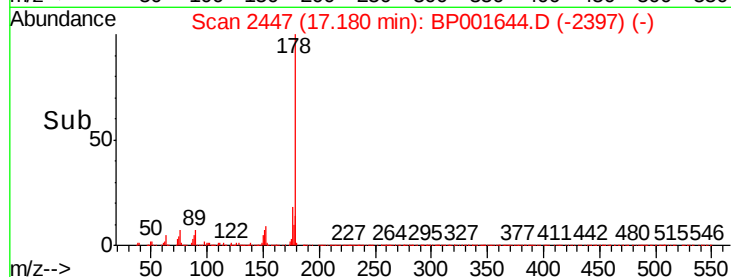
179 14.8 11.8 17.8



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



#73

Carbazole

Concen: 4.227 ng

RT: 17.46 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

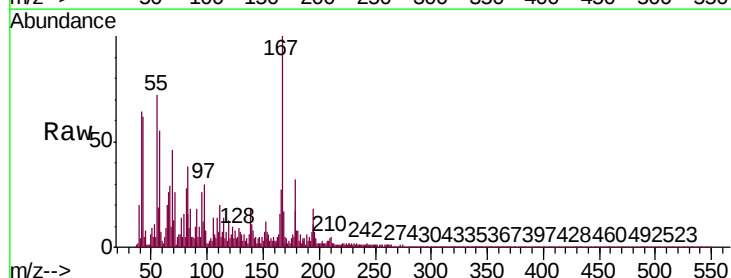
Tgt Ion:167 Resp: 43317

Ion Ratio Lower Upper

167 100

166 26.5 17.2 25.8#

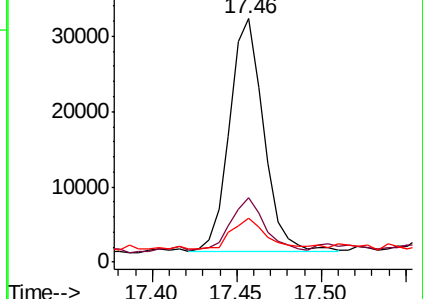
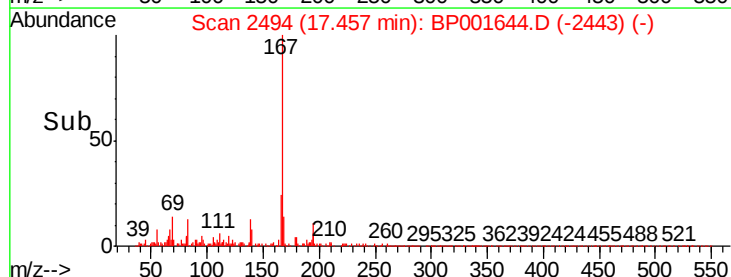
139 18.1 10.0 15.0#

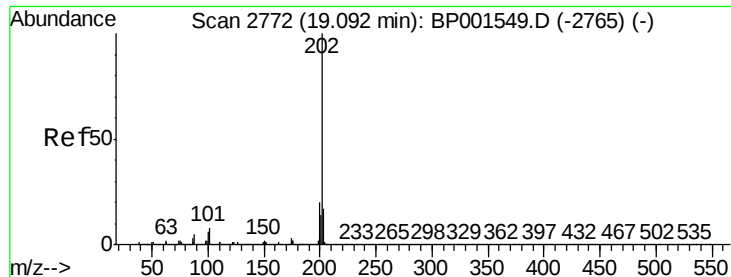


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 85.418 ng

RT: 19.10 min Scan# 2774

Delta R.T. 0.03 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

Instrument :

BNA_P

ClientSampleId :

SB-13-(4-6)

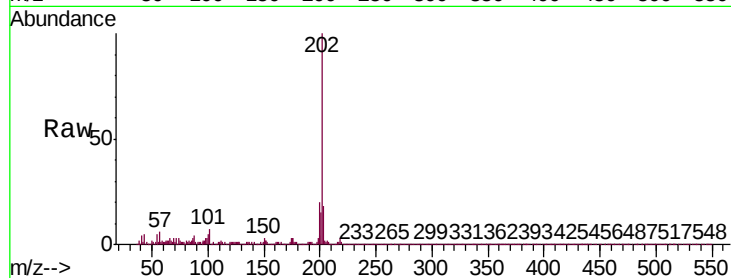
Tgt Ion:202 Resp: 1260134

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.4

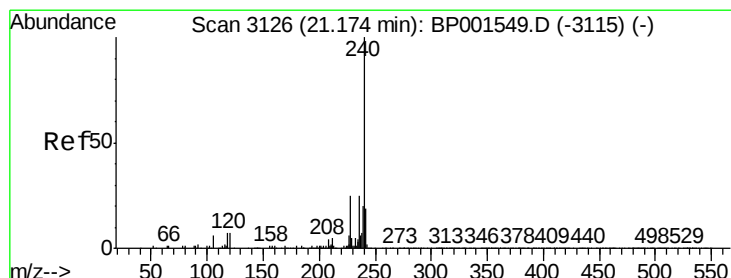
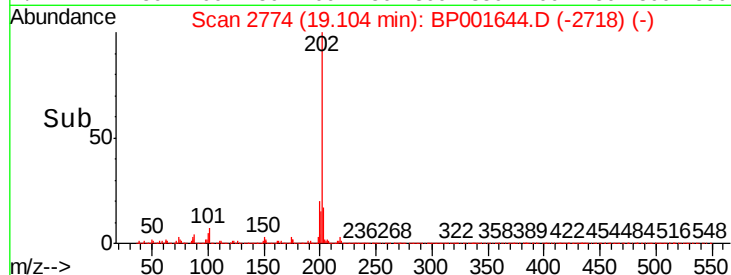
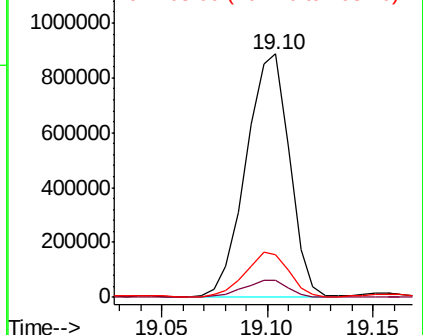
203 17.7 0.0 37.4



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: 21.16 min Scan# 3124

Delta R.T. 0.01 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

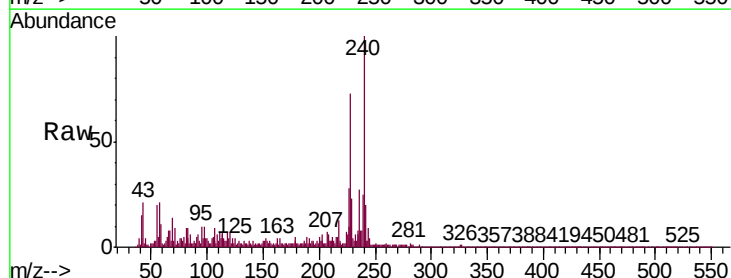
Tgt Ion:240 Resp: 175053

Ion Ratio Lower Upper

240 100

120 7.1 5.7 8.5

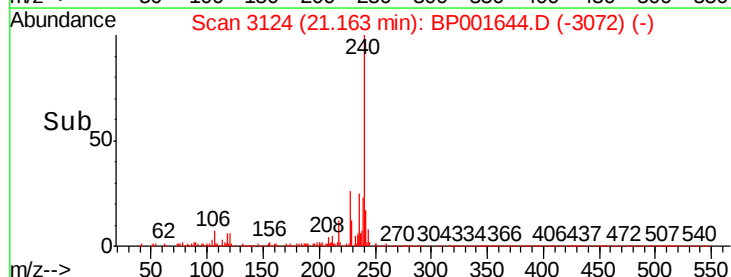
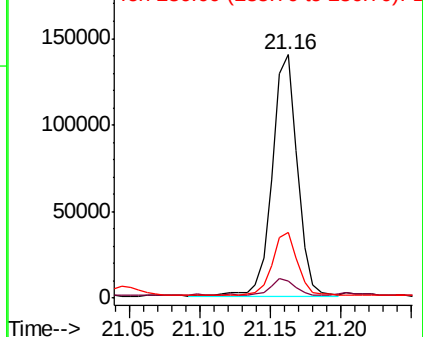
236 26.7 20.4 30.6

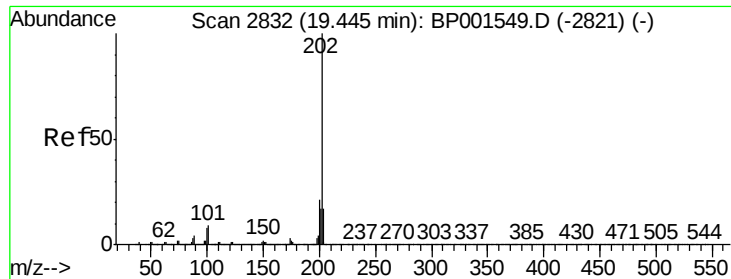


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 135.754 ng

RT: 19.45 min Scan# 2832

Delta R.T. 0.02 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

Instrument :

BNA_P

ClientSampleId :

SB-13-(4-6)

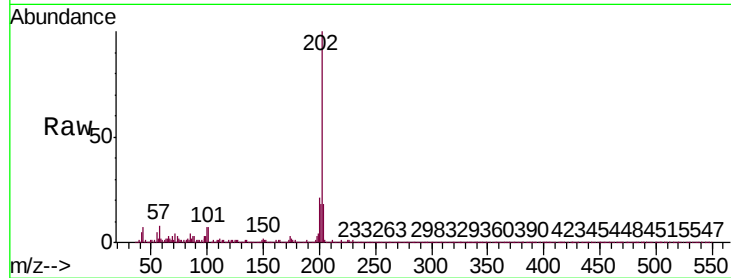
Tgt Ion:202 Resp: 1745670

Ion Ratio Lower Upper

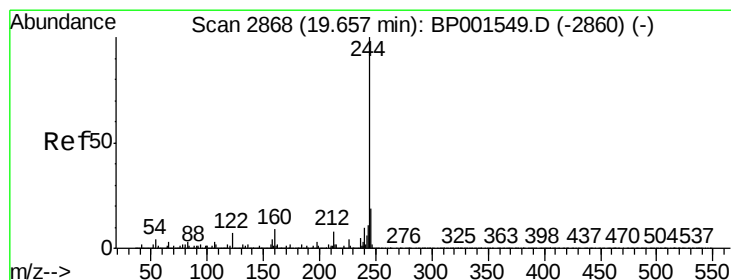
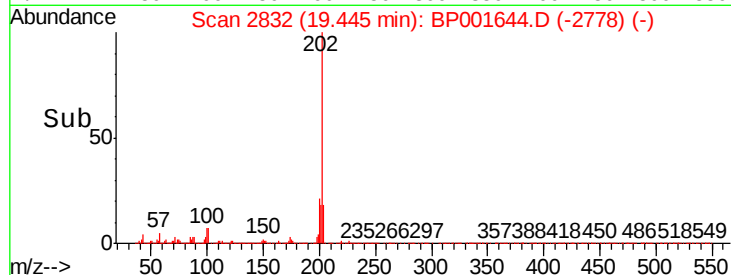
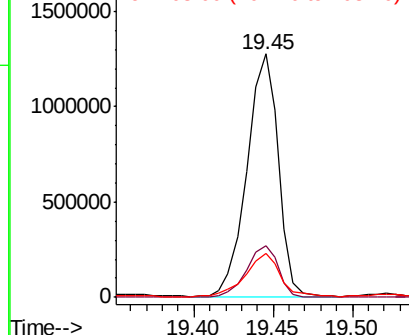
202 100

200 21.4 17.0 25.6

203 18.1 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 44.056 ng

RT: 19.64 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

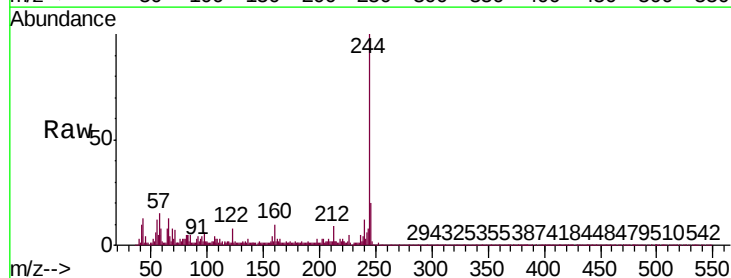
Tgt Ion:244 Resp: 421653

Ion Ratio Lower Upper

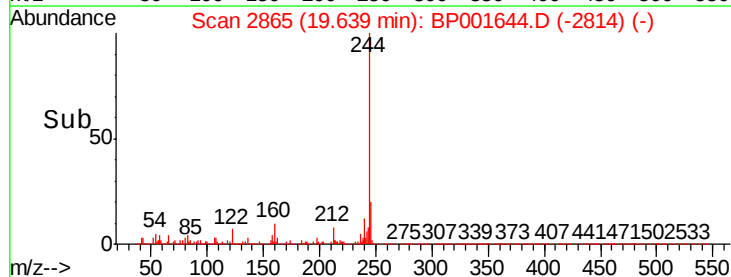
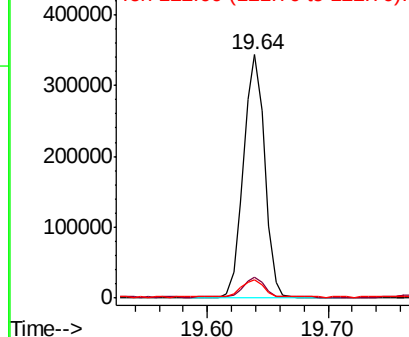
244 100

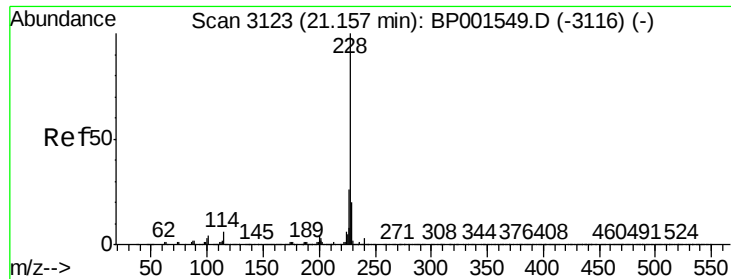
212 8.7 6.3 9.5

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

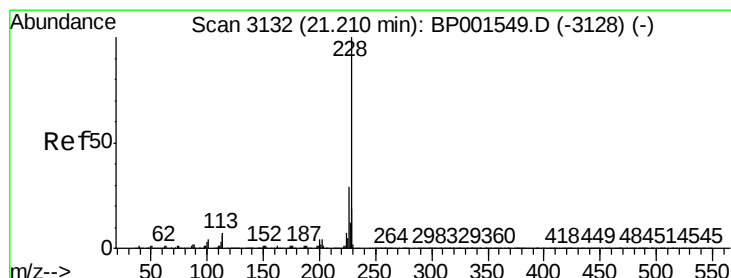
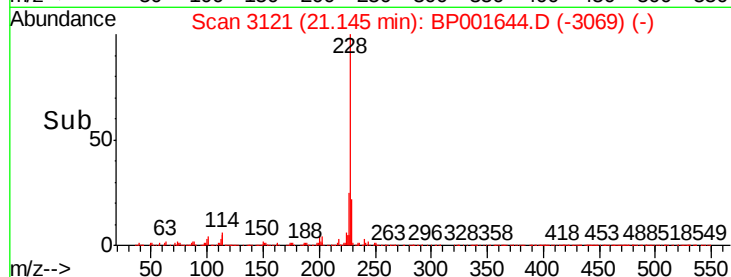
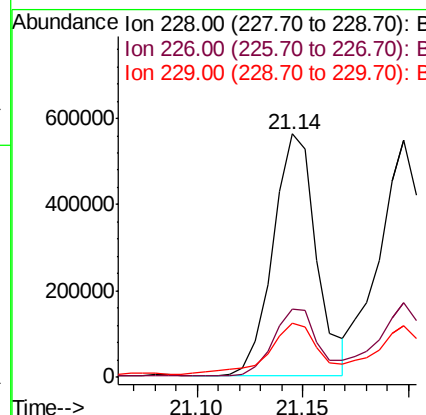
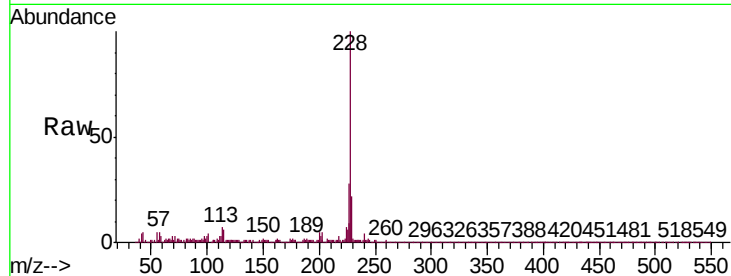




#81
Benzo(a)anthracene
Concen: 65.931 ng
RT: 21.14 min Scan# 3121
Delta R.T. 0.01 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

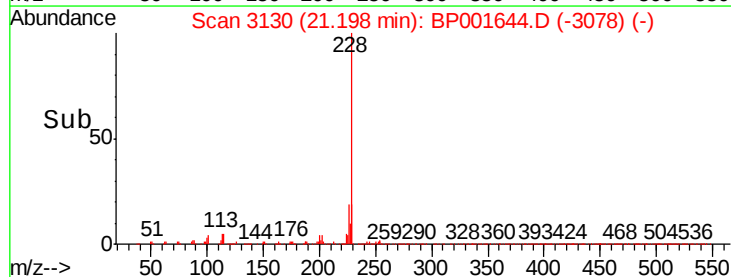
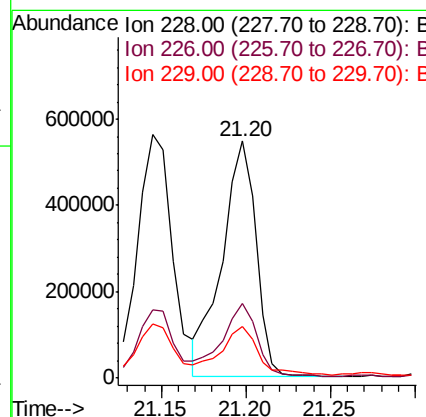
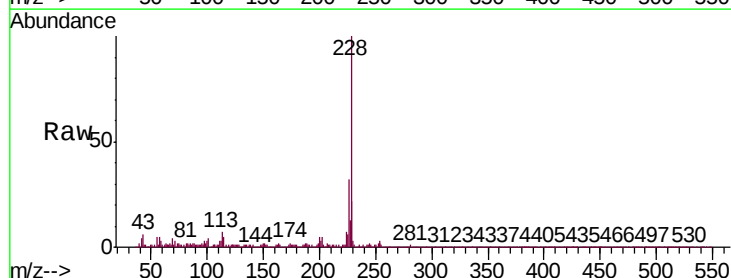
Instrument :
BNA_P
ClientSampleId :
SB-13-(4-6)

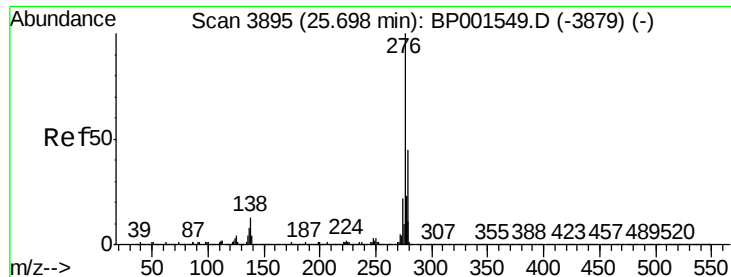
Tgt Ion:228 Resp: 803789
Ion Ratio Lower Upper
228 100
226 28.2 21.2 31.8
229 22.5 16.1 24.1



#83
Chrysene
Concen: 64.203 ng
RT: 21.20 min Scan# 3130
Delta R.T. 0.01 min
Lab File: BP001644.D
Acq: 17 Jan 2020 00:19

Tgt Ion:228 Resp: 762801
Ion Ratio Lower Upper
228 100
226 31.5 23.2 34.8
229 21.7 15.2 22.8





#86

Indeno(1,2,3-cd)pyrene

Concen: 22.762 ng

RT: 25.66 min Scan# 3888

Delta R.T. -0.00 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

Instrument :

BNA_P

ClientSampleId :

SB-13-(4-6)

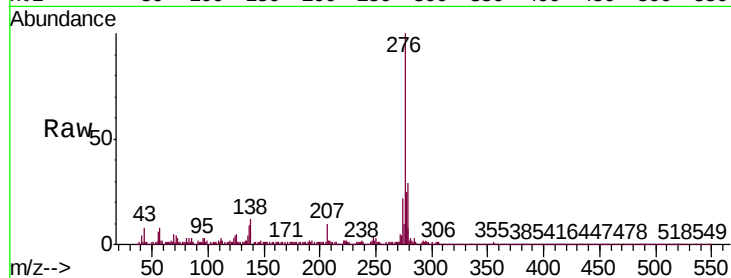
Tgt Ion:276 Resp: 316570

Ion Ratio Lower Upper

276 100

138 13.1 11.1 16.7

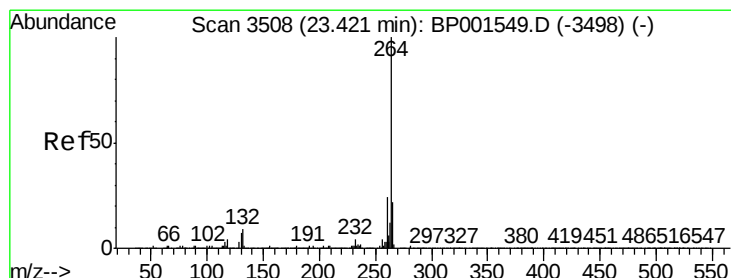
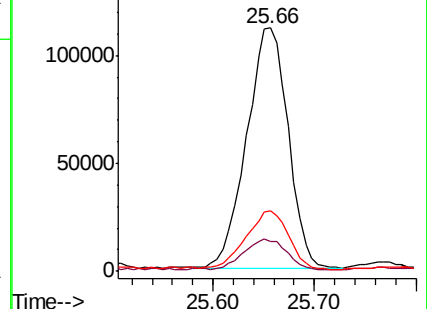
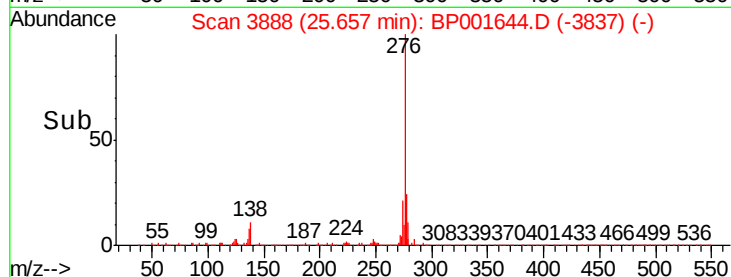
277 25.5 20.4 30.6



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: 23.39 min Scan# 3503

Delta R.T. -0.00 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

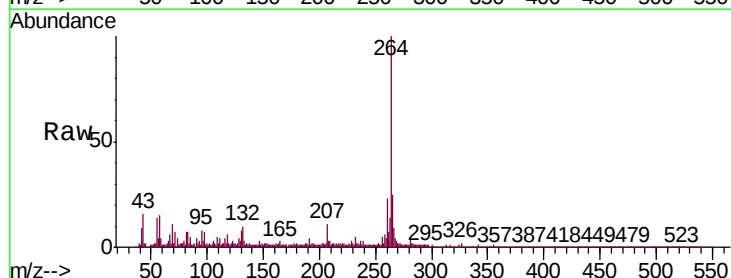
Tgt Ion:264 Resp: 181357

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

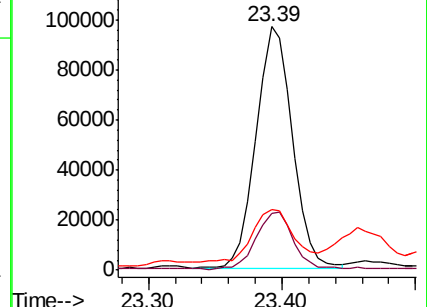
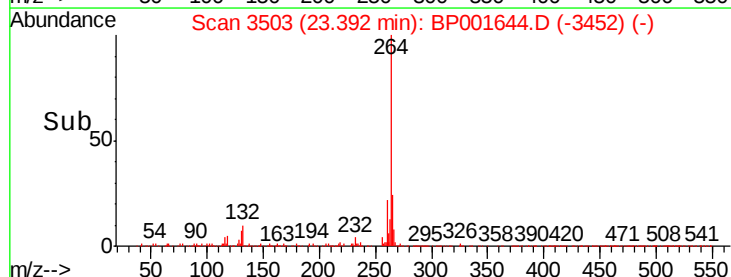
265 25.1 18.2 27.4

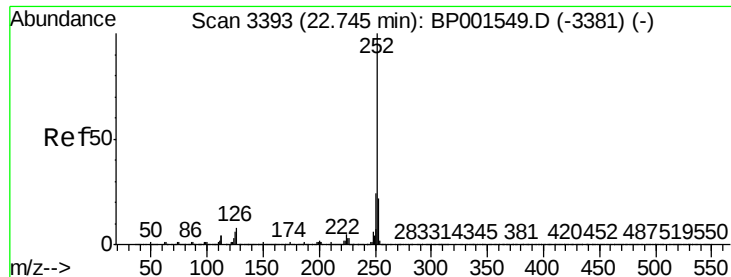


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 77.392 ng

RT: 22.73 min Scan# 3391

Delta R.T. 0.01 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

Instrument :

BNA_P

ClientSampleId :

SB-13-(4-6)

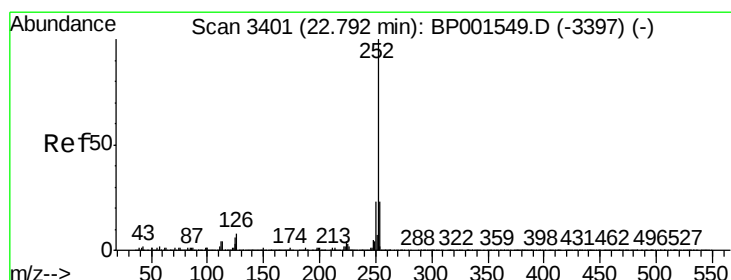
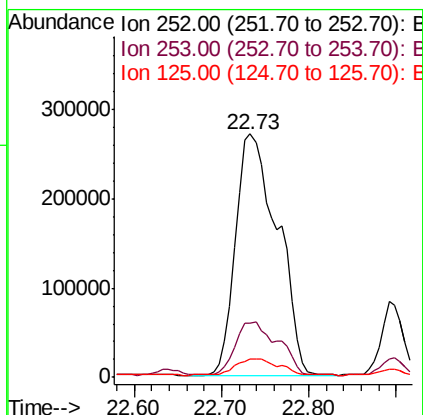
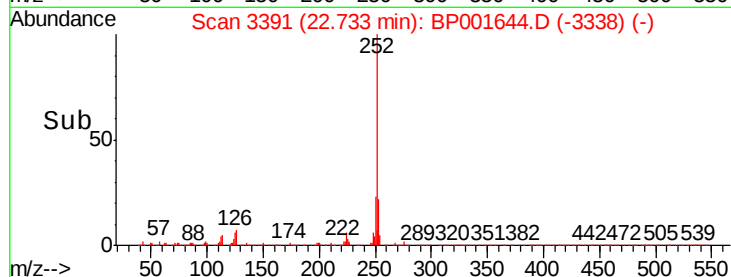
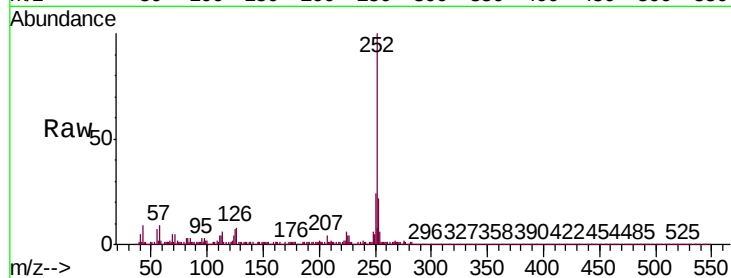
Tgt Ion:252 Resp: 884455

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 7.4 4.6 7.0#



#89

Benzo(k)fluoranthene

Concen: 79.376 ng

RT: 22.73 min Scan# 3391

Delta R.T. -0.04 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

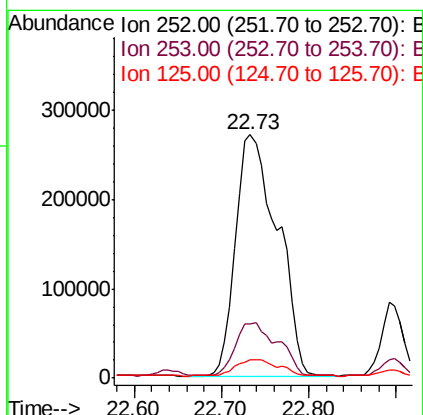
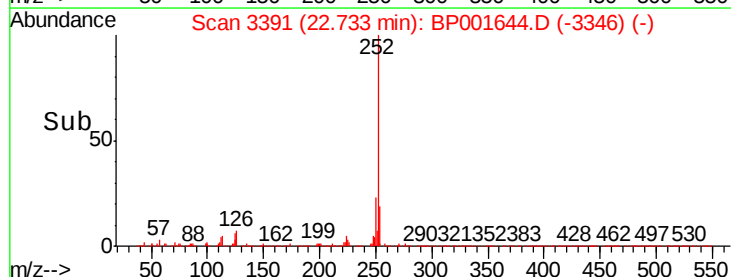
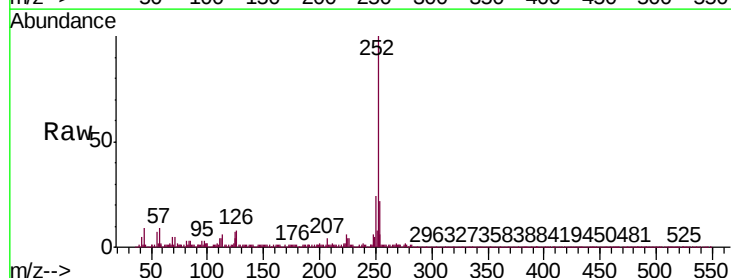
Tgt Ion:252 Resp: 884455

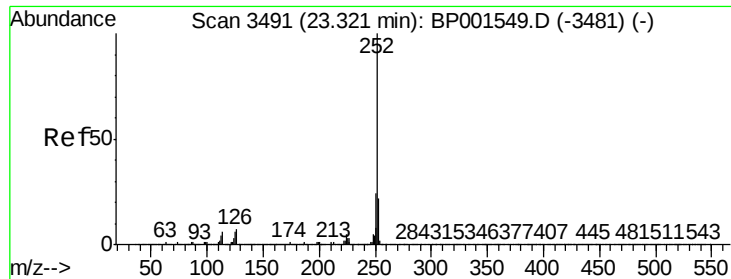
Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

125 7.4 4.6 6.8#





#90

Benzo(a)pyrene

Concen: 56.174 ng

RT: 23.30 min Scan# 3488

Delta R.T. 0.01 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

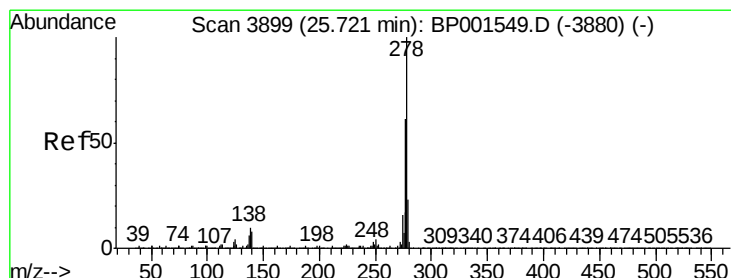
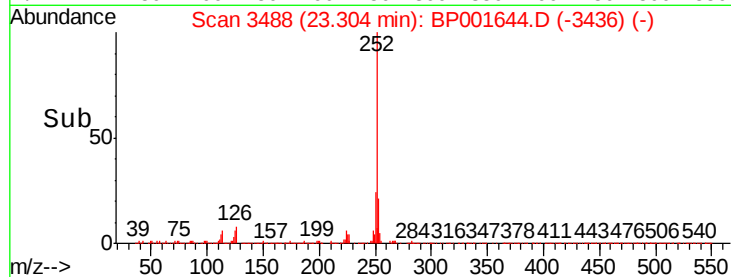
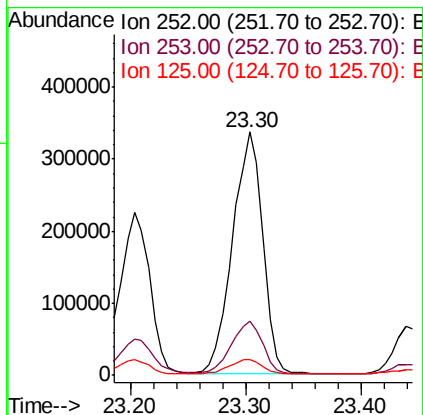
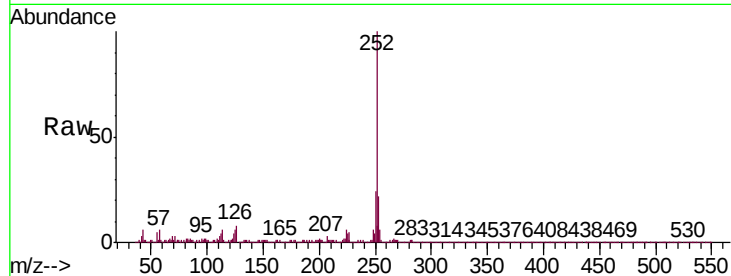
Instrument :

BNA_P

ClientSampleId :

SB-13-(4-6)

Tgt Ion:	252	Resp:	609535
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	6.5	5.0	7.4



#91

Dibenzo(a,h)anthracene

Concen: 8.838 ng

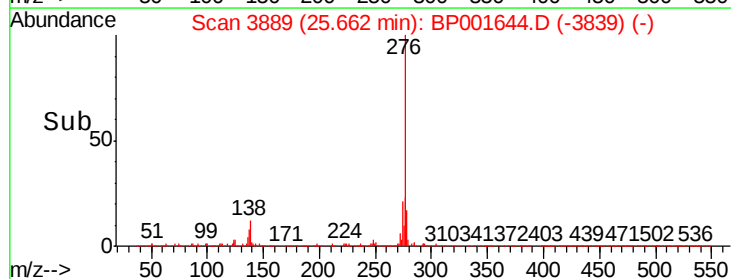
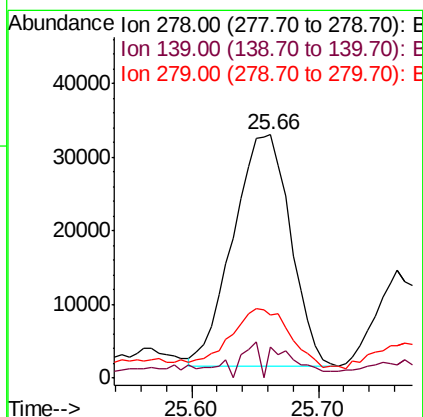
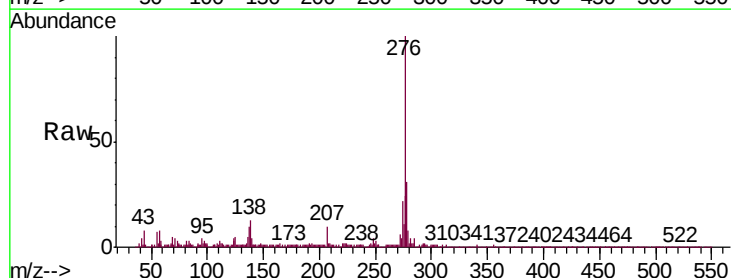
RT: 25.66 min Scan# 3889

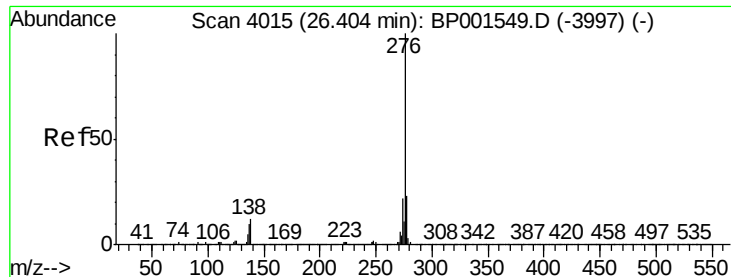
Delta R.T. -0.01 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

Tgt Ion:	278	Resp:	98945
Ion	Ratio	Lower	Upper
278	100		
139	13.1	6.7	10.1#
279	25.9	18.6	28.0





#92

Benzo(g,h,i)perylene

Concen: 30.362 ng

RT: 26.35 min Scan# 4006

Delta R.T. 0.01 min

Lab File: BP001644.D

Acq: 17 Jan 2020 00:19

Instrument :

BNA_P

ClientSampleId :

SB-13-(4-6)

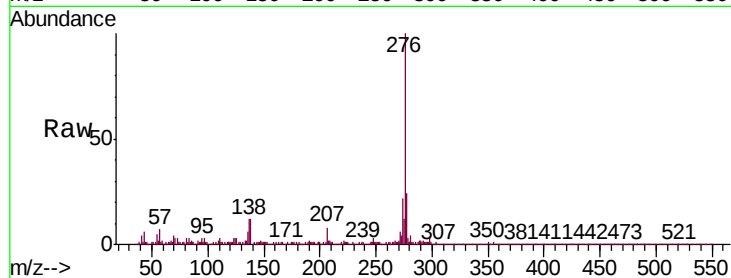
Tgt Ion:276 Resp: 337917

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 12.5 9.4 14.2



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

150000

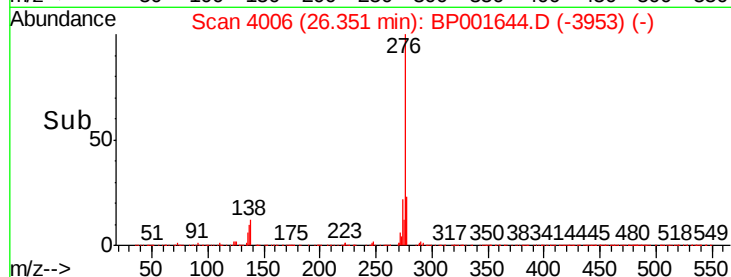
100000

50000

0

26.35

26.20 26.30 26.40 26.50



Time-->