

Data File : BP001643.D
Acq On : 16 Jan 2020 23:45
Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-33-(5-7)

Quant Time: Jan 17 04:35:56 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	40023	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	144278	20.00	ng	-0.01
39) Acenaphthene-d10	14.27	164	95873	20.00	ng	-0.01
64) Phenanthrene-d10	17.04	188	201222	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	147541	20.00	ng	0.01
87) Perylene-d12	23.42	264	168637	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	261192	127.84	ng	0.00
7) Phenol-d6	6.83	99	382390	117.11	ng	0.00
23) Nitrobenzene-d5	8.77	82	265835	80.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	148510	101.76	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	474120	72.71	ng	0.00
79) Terphenyl-d14	19.64	244	598638	74.21	ng	0.00

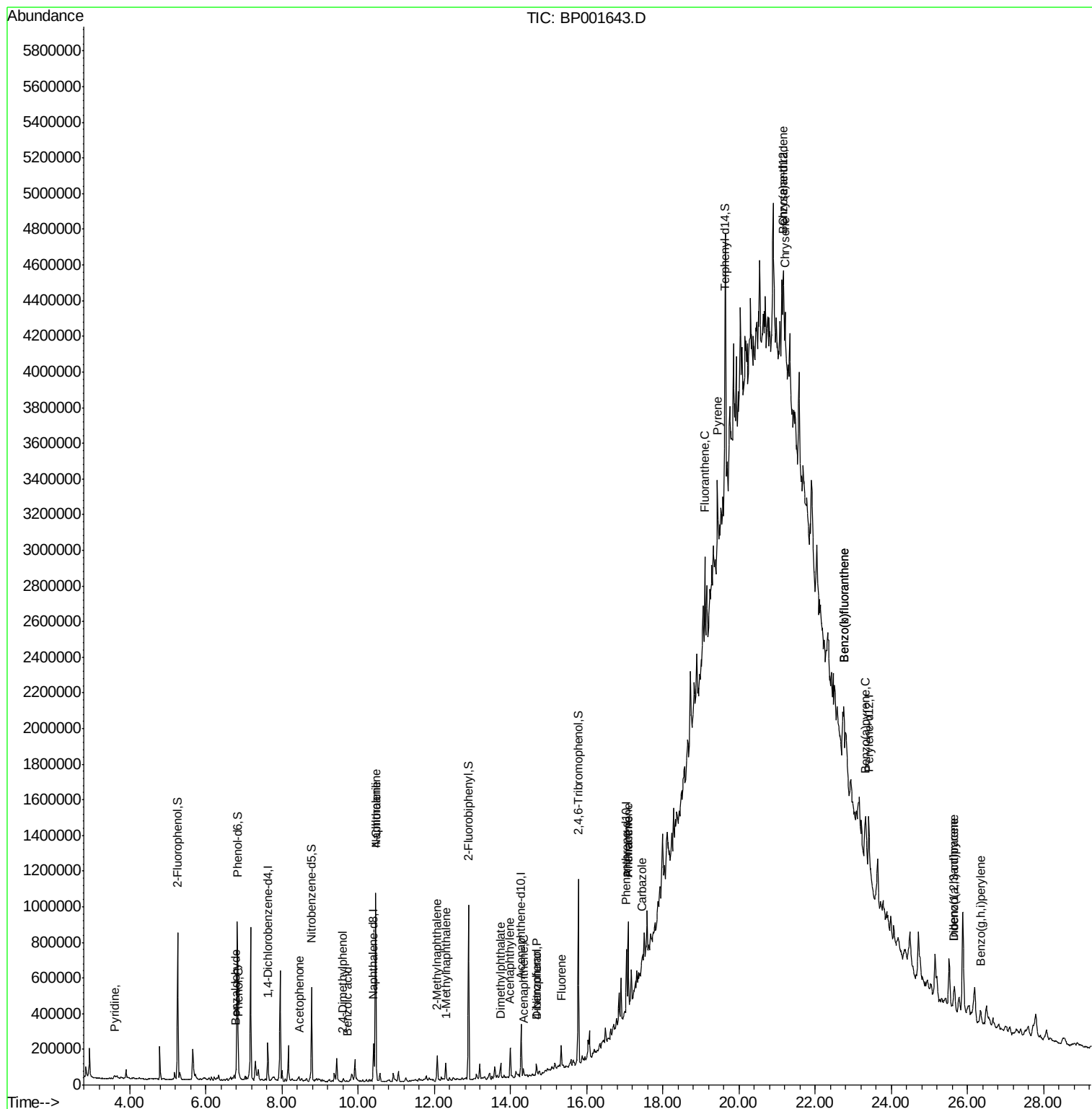
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.60	79	11789	5.003	ng	# 55
9) Benzaldehyde	6.78	77	7738	3.967	ng	# 74
10) Phenol	6.86	94	7529	2.229	ng	# 89
22) Acetophenone	8.45	105	9144	2.261	ng	# 92
27) 2,4-Dimethylphenol	9.60	122	6026	3.195	ng	# 96
31) Naphthalene	10.46	128	696203	91.431	ng	# 99
32) Benzoic acid	9.72	122	1890	5.707	ng	# 84
33) 4-Chloroaniline	10.46	127	91301	26.042	ng	# 30
37) 2-Methylnaphthalene	12.07	142	55508	9.147	ng	# 96
38) 1-Methylnaphthalene	12.30	142	36314	6.218	ng	# 97
49) Acenaphthylene	13.99	152	104627	11.881	ng	# 97
50) Dimethylphthalate	13.74	163	32995	4.178	ng	# 96
52) Acenaphthene	14.34	154	13847	2.539	ng	# 96
55) Dibenzofuran	14.68	168	36376	3.944	ng	# 99
56) 4-Nitrophenol	14.68	139	13686	9.694	ng	# 1
58) Fluorene	15.33	166	47070	6.307	ng	# 98
71) Phenanthrene	17.09	178	257800	23.558	ng	# 98
72) Anthracene	17.09	178	257800	24.200	ng	# 97
73) Carbazole	17.45	167	29259	2.925	ng	# 85
75) Fluoranthene	19.10	202	280298	19.466	ng	# 94
78) Pyrene	19.43	202	280488	25.880	ng	# 94
81) Benzo(a)anthracene	21.15	228	123008	11.971	ng	# 81
83) Chrysene	21.20	228	152630	15.242	ng	# 82
86) Indeno(1,2,3-cd)pyrene	25.66	276	80262	6.847	ng	# 98
88) Benzo(b)fluoranthene	22.74	252	228550	21.507	ng	# 79
89) Benzo(k)fluoranthene	22.74	252	228550	22.059	ng	# 80
90) Benzo(a)pyrene	23.31	252	107912	10.695	ng	# 86
91) Dibenzo(a,h)anthracene	25.66	278	22524	2.164	ng	# 72
92) Benzo(g,h,i)perylene	26.34	276	83604	8.078	ng	# 98

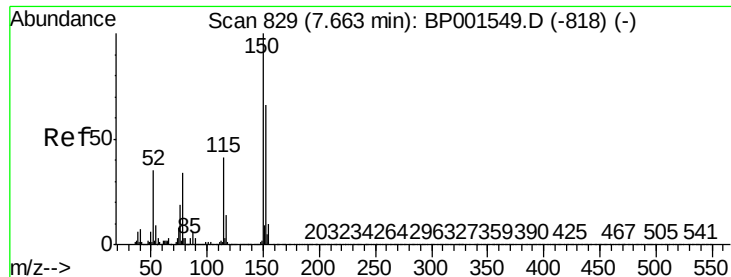
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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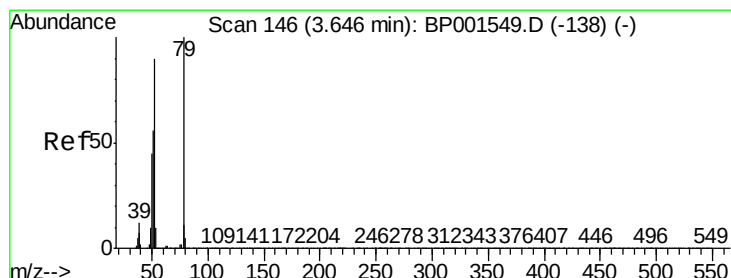
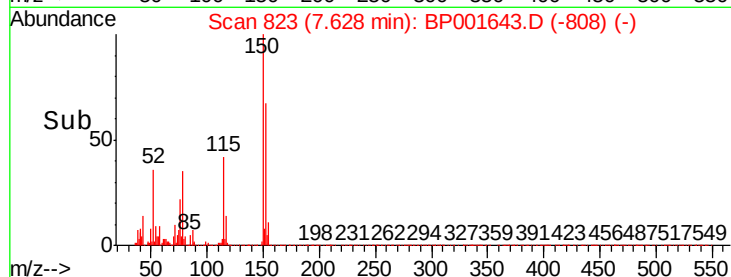
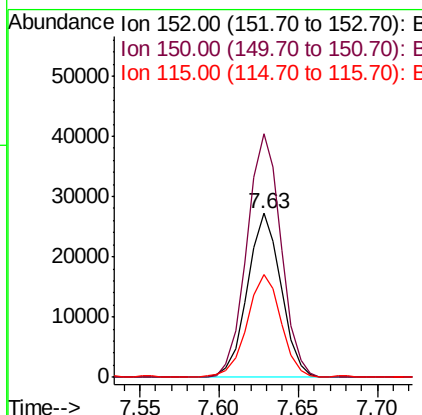
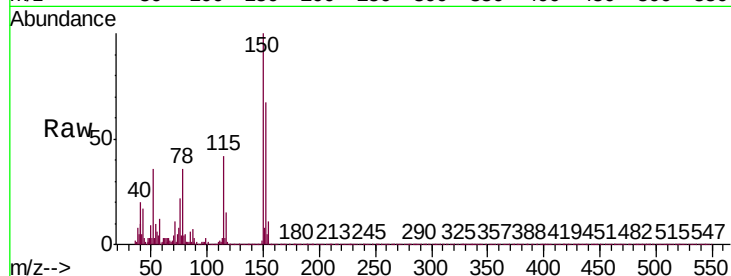


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 823
Delta R.T. -0.01 min
Lab File: BP001643.D
Acq: 16 Jan 2020 23:45

Instrument :
BNA_P
ClientSampled :
SB-33-(5-7)

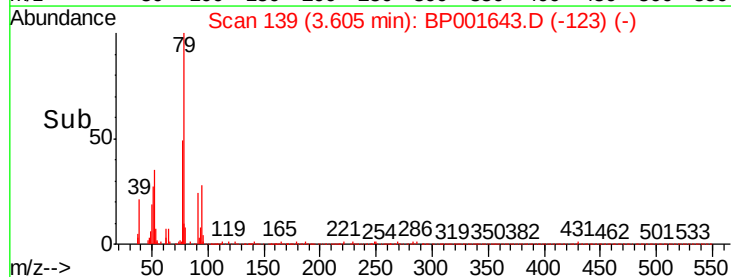
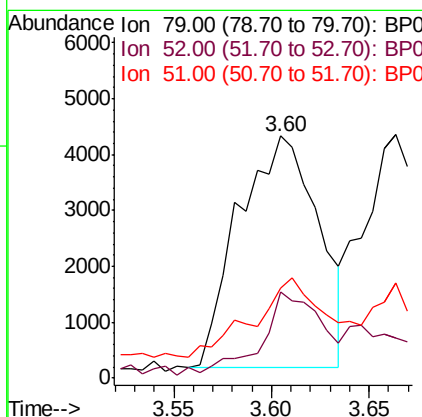
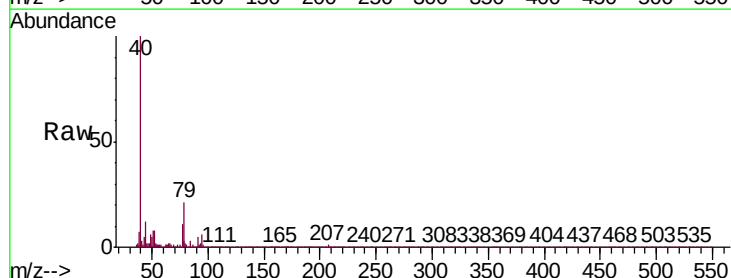
Tgt Ion:152 Resp: 40023
Ion Ratio Lower Upper
152 100
150 148.7 122.0 183.0
115 62.7 50.7 76.1

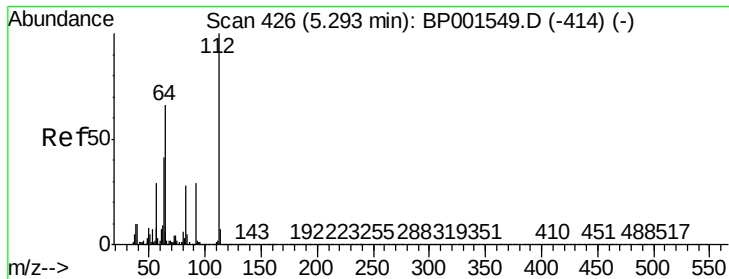


#3

Pyridine
Concen: 5.003 ng
RT: 3.60 min Scan# 139
Delta R.T. -0.01 min
Lab File: BP001643.D
Acq: 16 Jan 2020 23:45

Tgt Ion: 79 Resp: 11789
Ion Ratio Lower Upper
79 100
52 35.9 72.1 108.1#
51 37.2 44.8 67.2#





#5

2-Fluorophenol

Concen: 127.839 ng

RT: 5.26 min Scan# 420

Delta R.T. -0.01 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

Instrument :

BNA_P

ClientSampleId :

SB-33-(5-7)

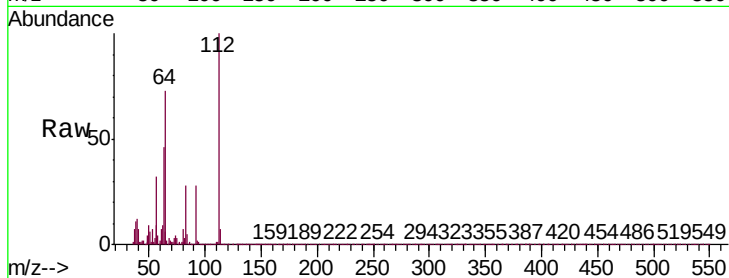
Tgt Ion: 112 Resp: 261192

Ion Ratio Lower Upper

112 100

64 73.2 52.8 79.2

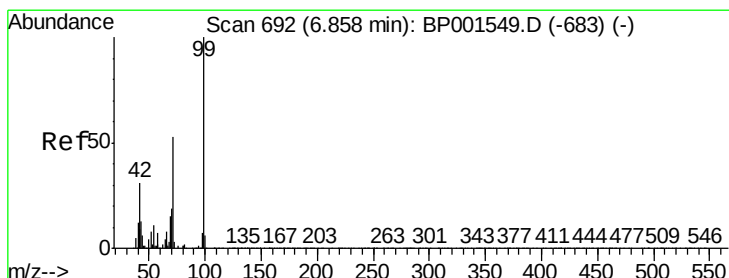
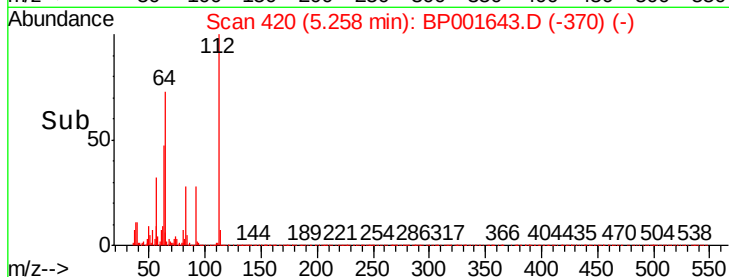
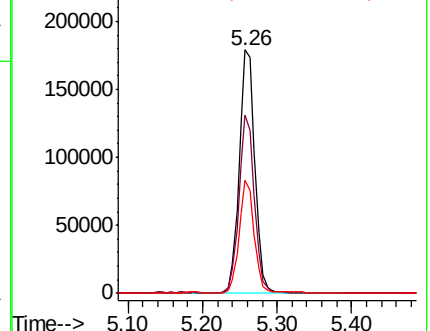
63 46.5 33.1 49.7



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: 117.106 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.00 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

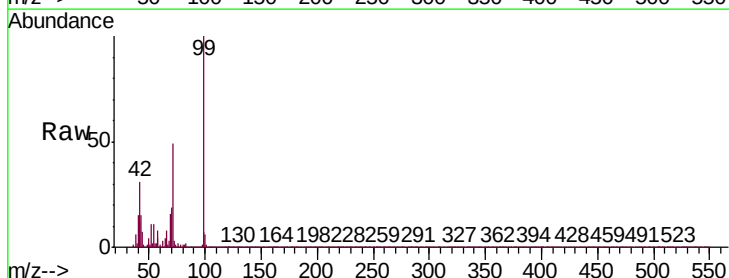
Tgt Ion: 99 Resp: 382390

Ion Ratio Lower Upper

99 100

42 31.3 24.5 36.7

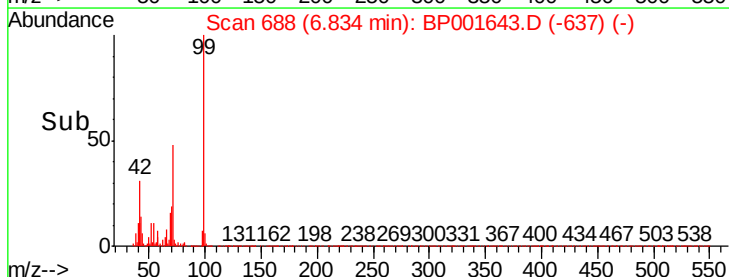
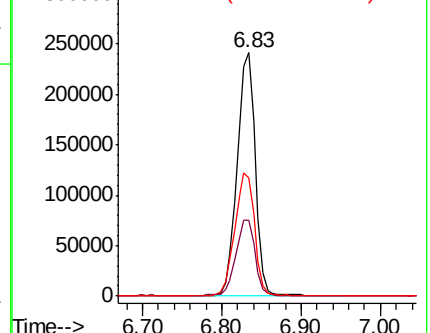
71 48.6 42.4 63.6

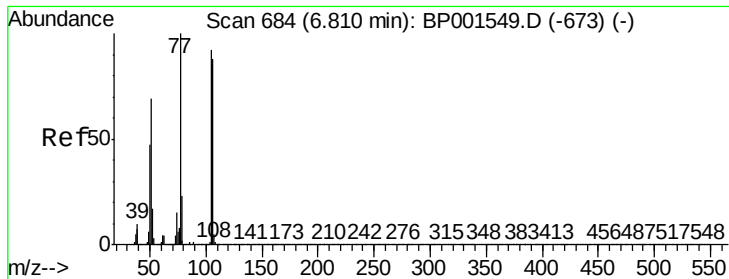


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0





#9

Benzaldehyde

Concen: 3.967 ng

RT: 6.78 min Scan# 679

Delta R.T. -0.01 min

Lab File: BP001643.D

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Instrument :

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ClientSampleId :

SB-33-(5-7)

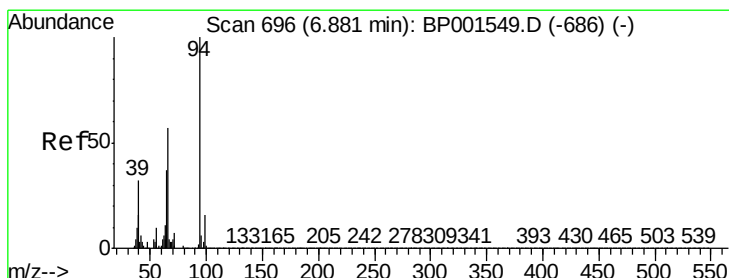
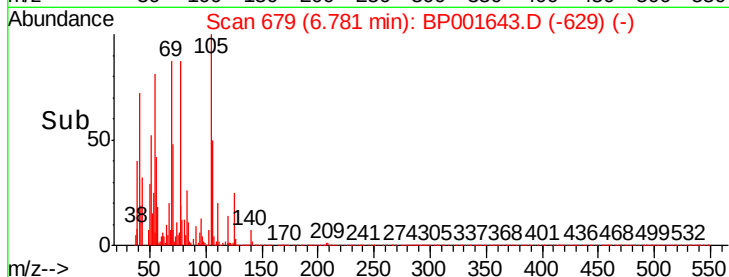
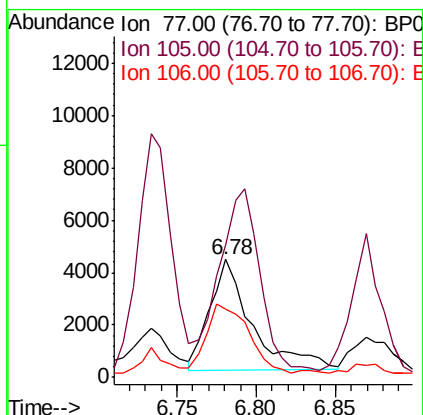
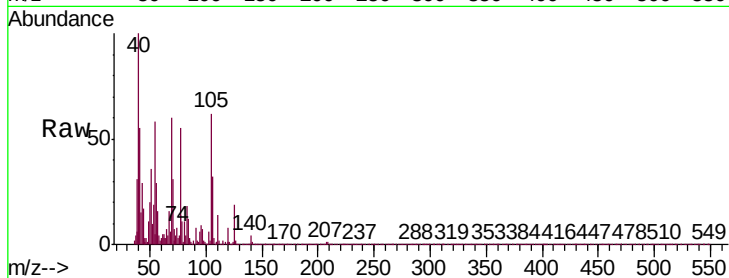
Tgt Ion: 77 Resp: 7738

Ion Ratio Lower Upper

77 100

105 111.8 71.6 111.6#

106 58.0 67.7 107.7#



#10

Phenol

Concen: 2.229 ng

RT: 6.86 min Scan# 692

Delta R.T. -0.00 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

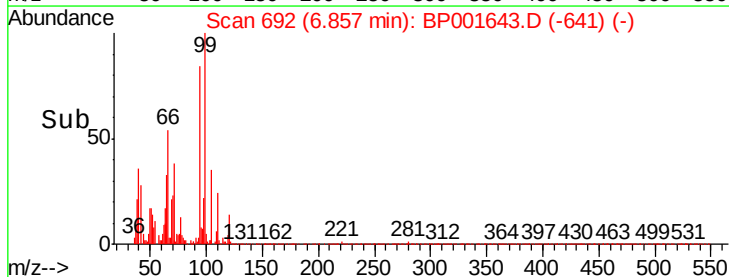
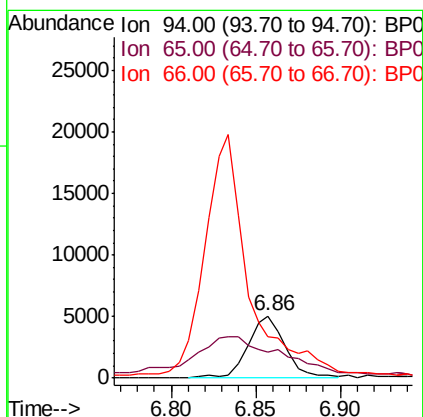
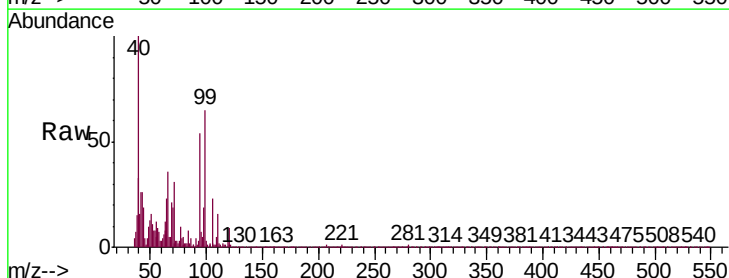
Tgt Ion: 94 Resp: 7529

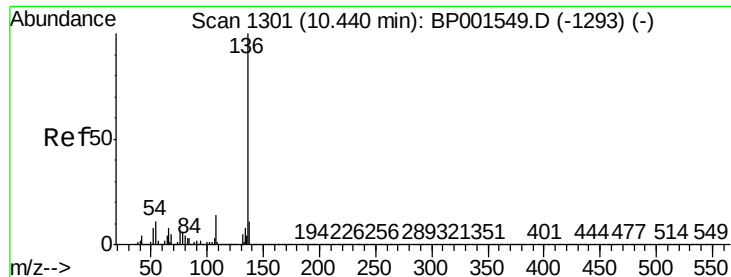
Ion Ratio Lower Upper

94 100

65 42.1 17.5 57.5

66 66.6 36.7 76.7

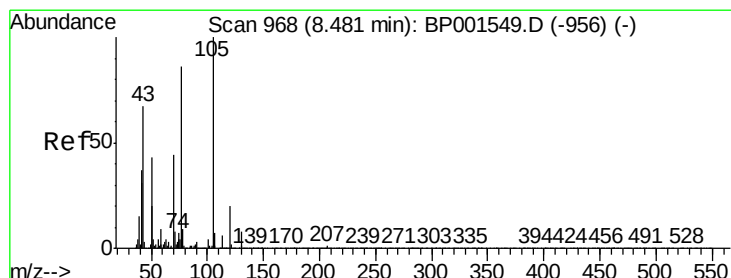
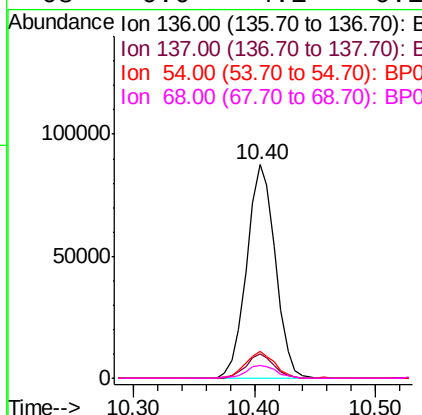
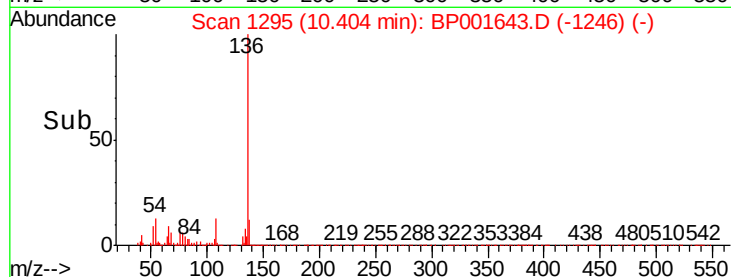
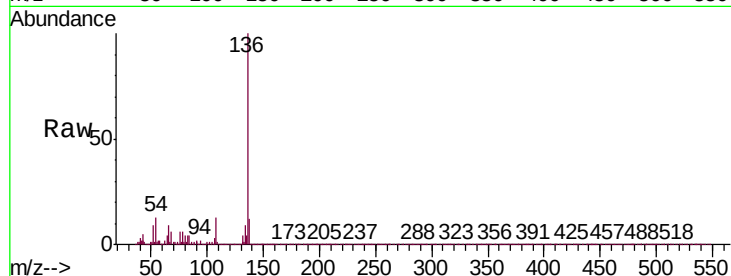




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP001643.D
Acq: 16 Jan 2020 23:45

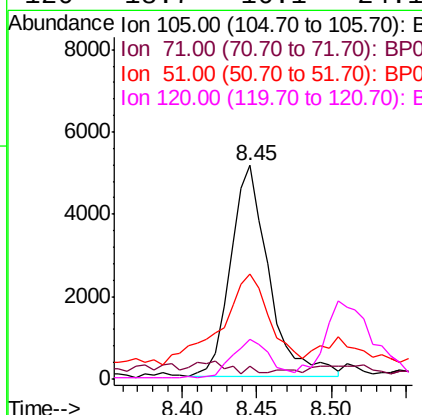
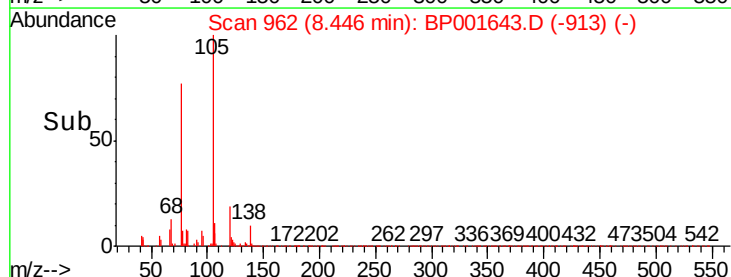
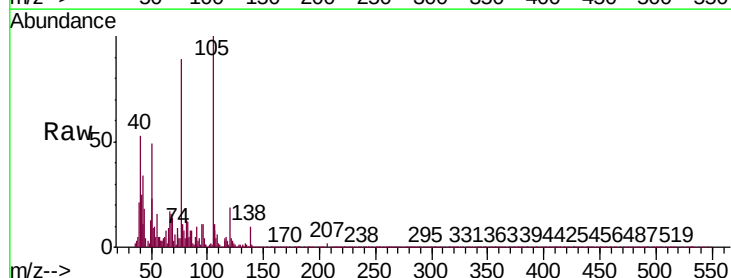
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BNA_P
ClientSampleId :
SB-33-(5-7)

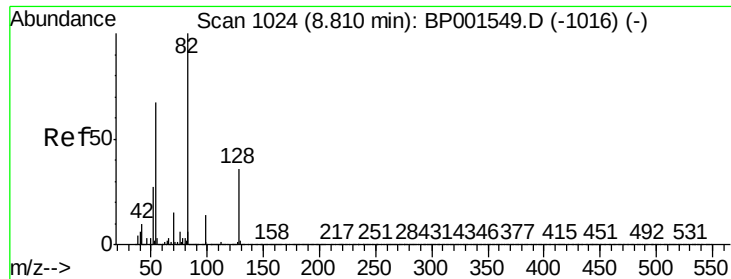
Tgt Ion:	136	Resp:	144278
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	12.8
54	12.8	9.2	13.8
68	6.0	4.1	6.1



#22
Acetophenone
Concen: 2.261 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.01 min
Lab File: BP001643.D
Acq: 16 Jan 2020 23:45

Tgt Ion:	105	Resp:	9144
Ion	Ratio	Lower	Upper
105	100		
71	6.0	6.6	10.0#
51	49.3	34.1	51.1
120	18.7	16.1	24.1

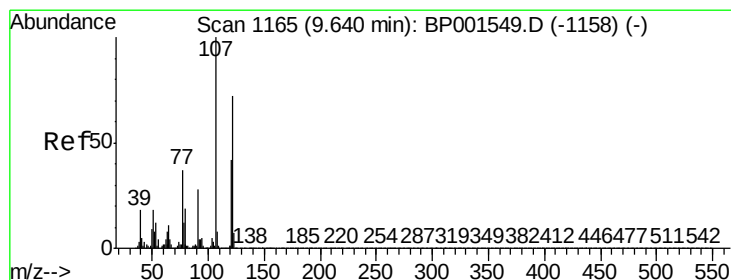
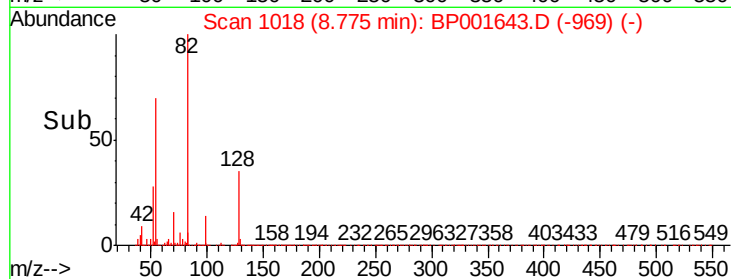
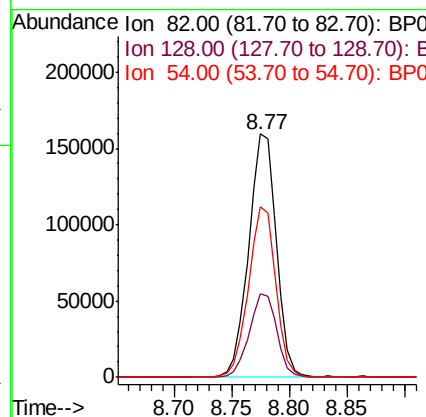
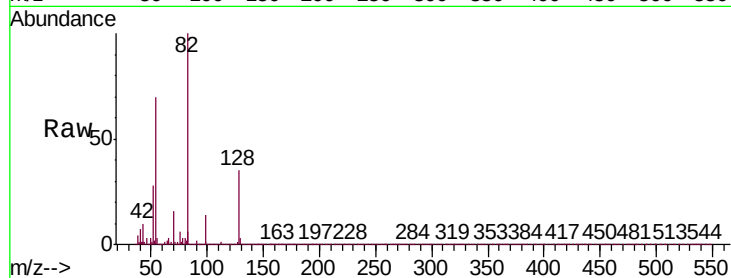




#23
 Nitrobenzene-d5
 Concen: 80.514 ng
 RT: 8.77 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BP001643.D
 Acq: 16 Jan 2020 23:45

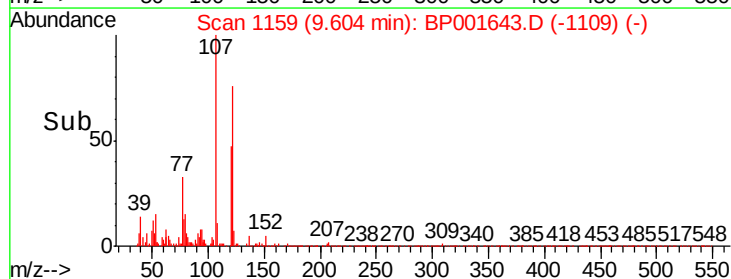
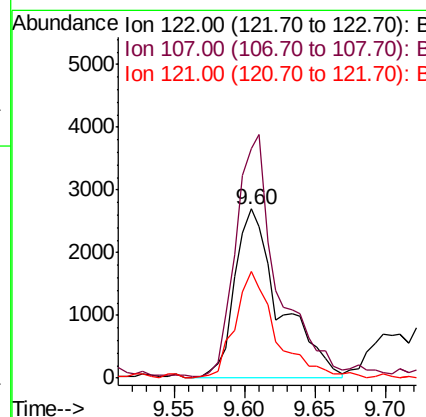
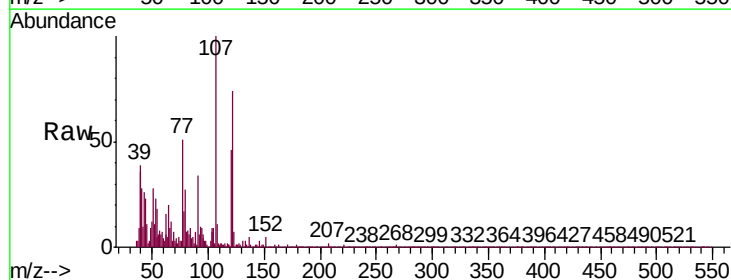
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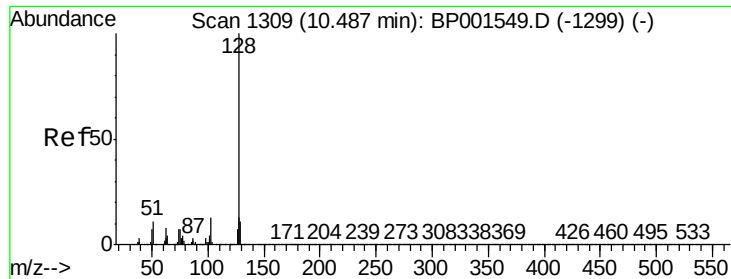
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.6	28.4	42.6
54	70.3	53.4	80.2



#27
 2,4-Dimethylphenol
 Concen: 3.195 ng
 RT: 9.60 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BP001643.D
 Acq: 16 Jan 2020 23:45

Tgt Ion	Ratio	Lower	Upper
122	100		
107	135.7	111.8	167.6
121	63.0	47.4	71.0

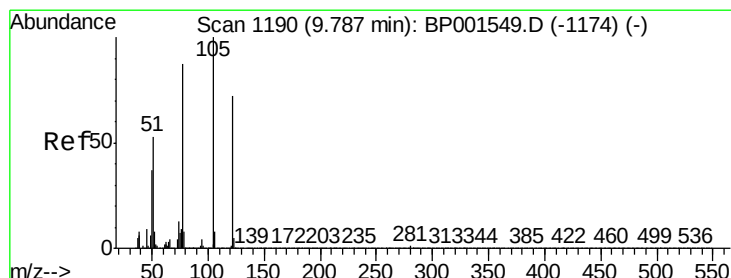
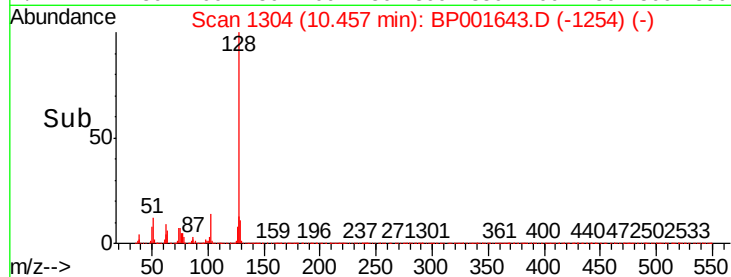
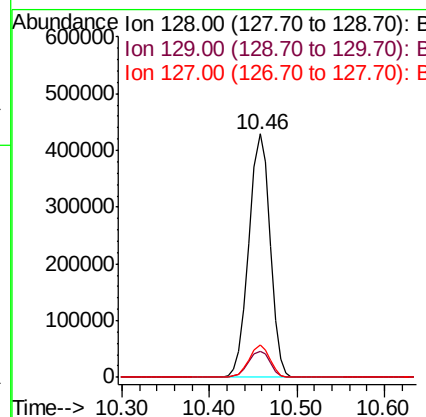
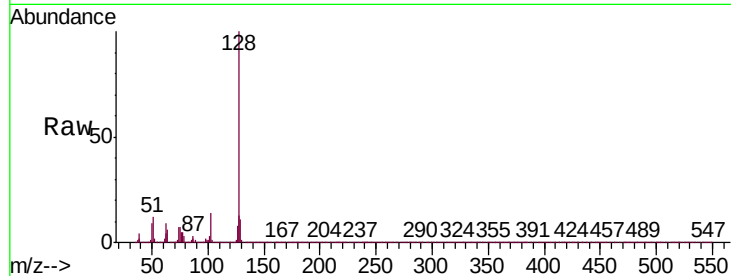




#31
Naphthalene
Concen: 91.431 ng
RT: 10.46 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BP001643.D
Acq: 16 Jan 2020 23:45

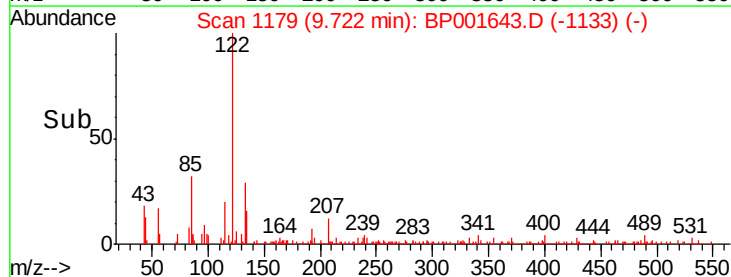
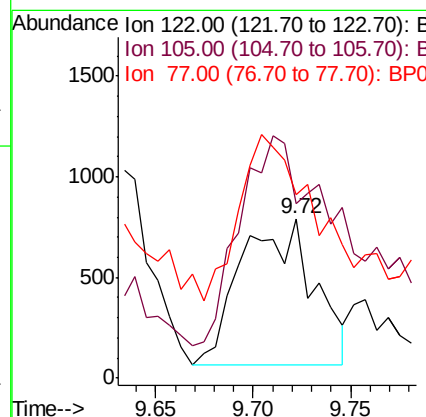
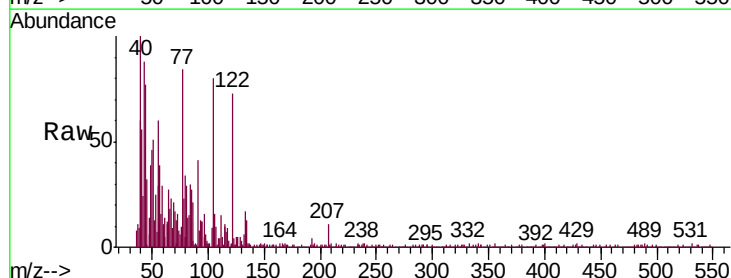
Instrument :
BNA_P
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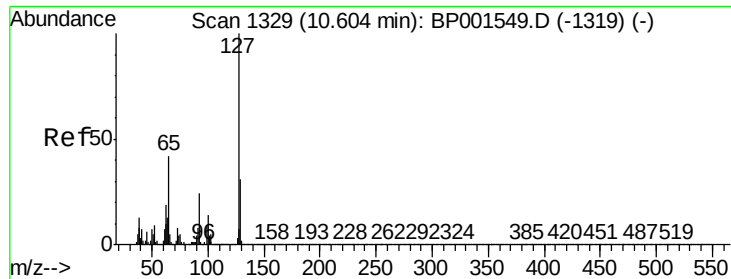
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	13.1	10.6	16.0



#32
Benzoic acid
Concen: 5.707 ng
RT: 9.72 min Scan# 1179
Delta R.T. -0.03 min
Lab File: BP001643.D
Acq: 16 Jan 2020 23:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	109.5	119.5	159.5#
77	115.1	102.8	142.8

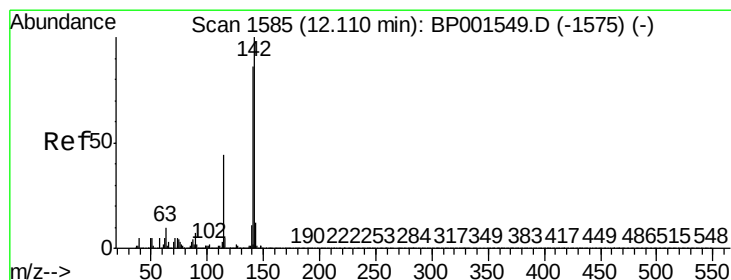
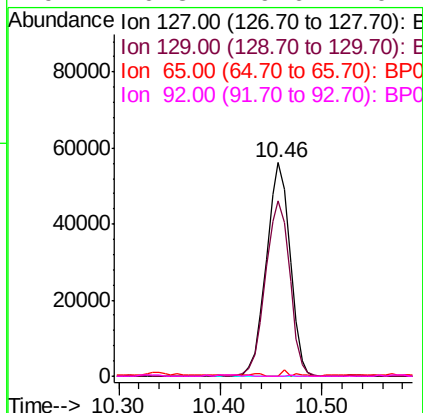
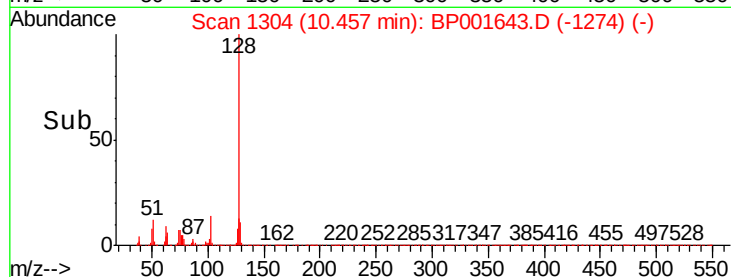
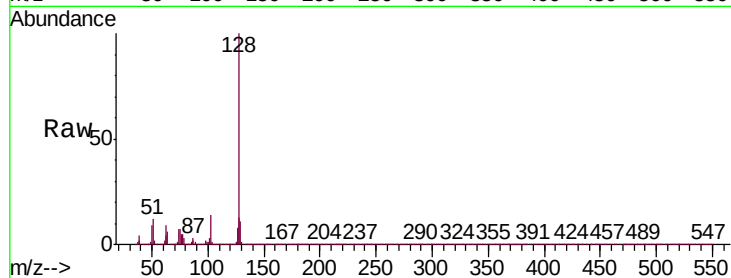




#33
4-Chloroaniline
Concen: 26.042 ng
RT: 10.46 min Scan# 1304
Delta R.T. -0.12 min
Lab File: BP001643.D
Acq: 16 Jan 2020 23:45

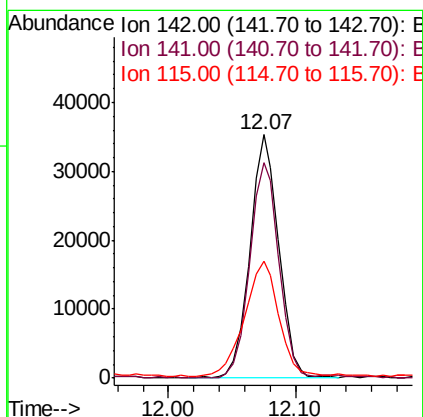
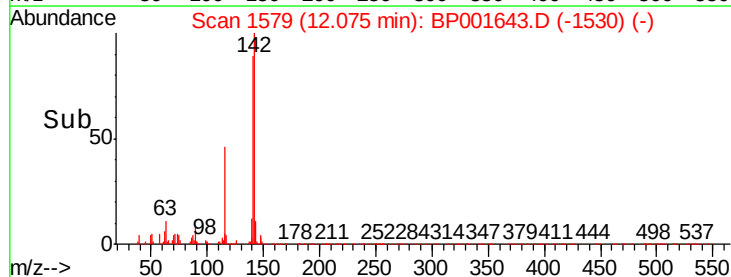
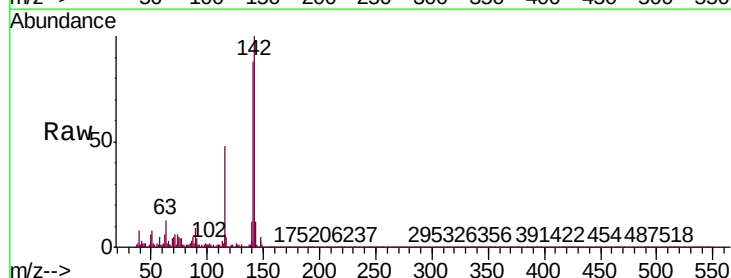
Instrument :
BNA_P
ClientSampleId :
SB-33-(5-7)

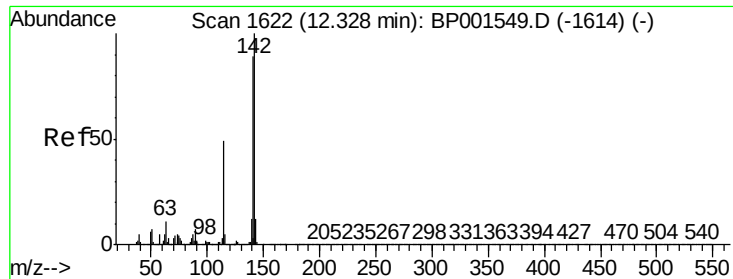
Tgt Ion:	127	Resp:	91301
Ion	Ratio	Lower	Upper
127	100		
129	81.9	24.9	37.3#
65	0.0	33.3	49.9#
92	0.3	19.6	29.4#



#37
2-Methylnaphthalene
Concen: 9.147 ng
RT: 12.07 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BP001643.D
Acq: 16 Jan 2020 23:45

Tgt Ion:	142	Resp:	55508
Ion	Ratio	Lower	Upper
142	100		
141	88.4	68.4	102.6
115	47.9	35.1	52.7





#38

1-Methylnaphthalene

Concen: 6.218 ng

RT: 12.30 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

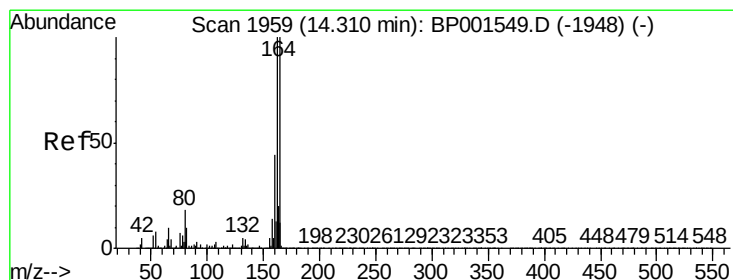
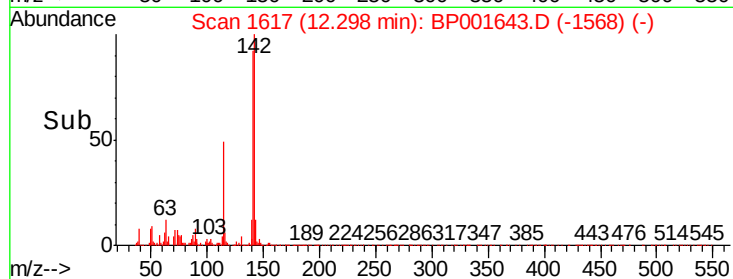
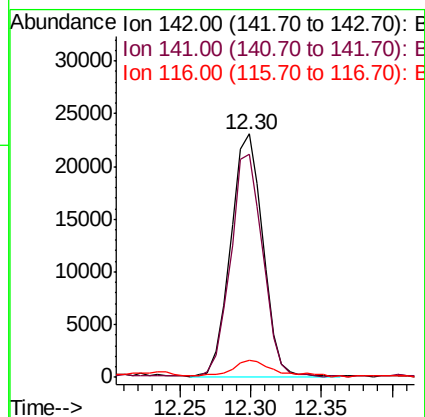
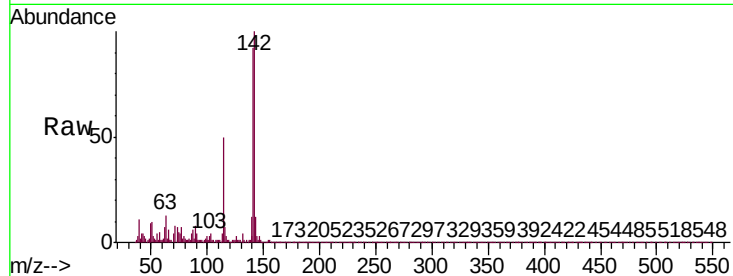
Instrument :

BNA_P

ClientSampleId :

SB-33-(5-7)

Tgt Ion:	142	Resp:	36314
Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.9	106.3
116	6.9	4.1	6.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

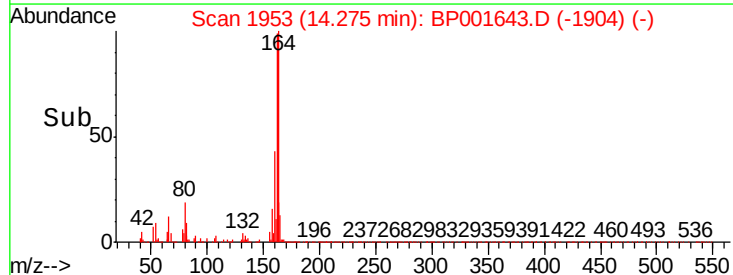
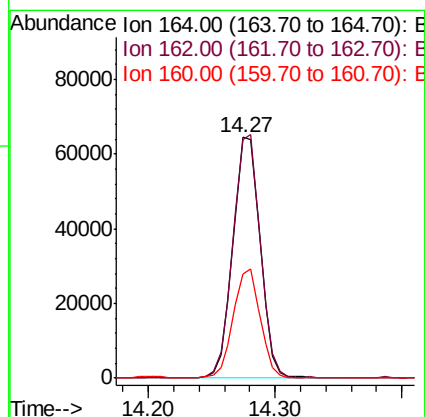
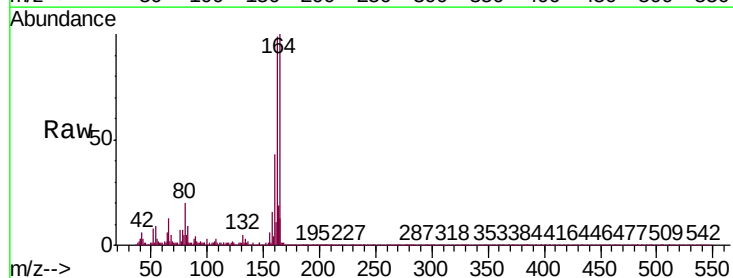
RT: 14.27 min Scan# 1953

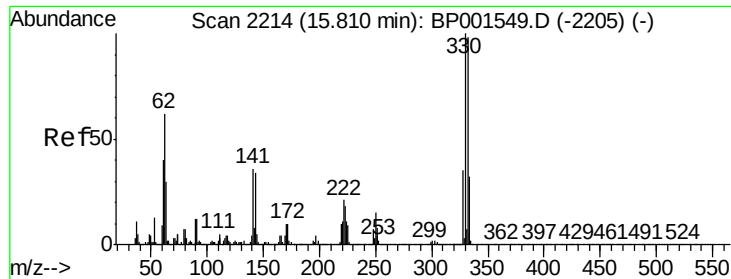
Delta R.T. -0.01 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

Tgt Ion:	164	Resp:	95873
Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.8	119.6
160	43.0	35.0	52.6

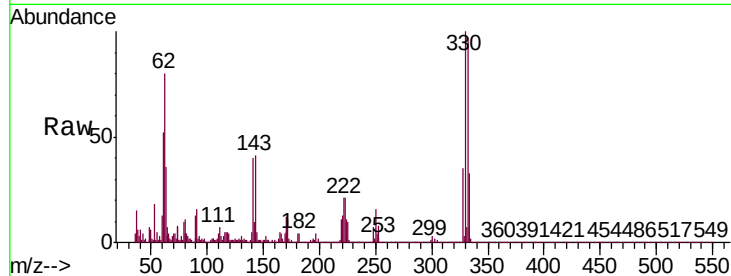




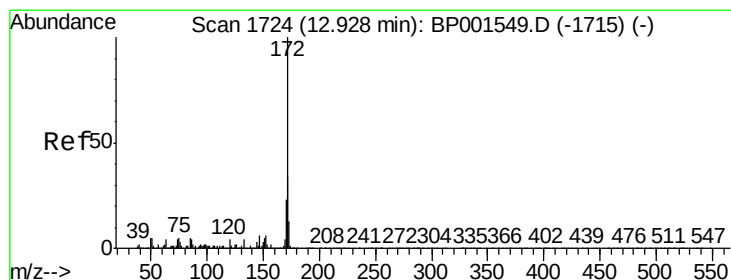
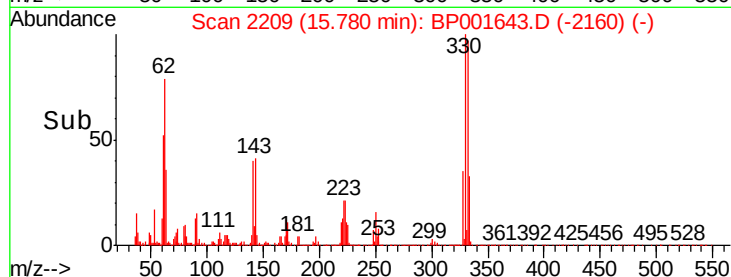
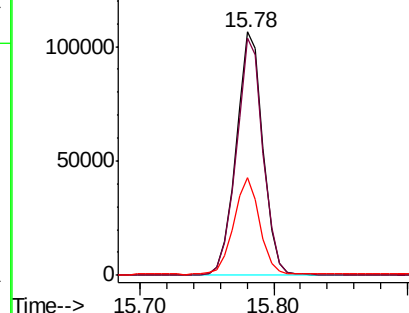
#42
 2,4,6-Tribromophenol
 Concen: 101.763 ng
 RT: 15.78 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BP001643.D
 Acq: 16 Jan 2020 23:45

Instrument :
 BNA_P
 ClientSampleId :
 SB-33-(5-7)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.8	116.6
141	38.8	28.7	43.1

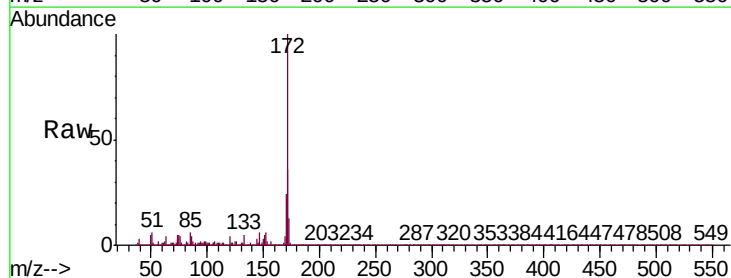


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

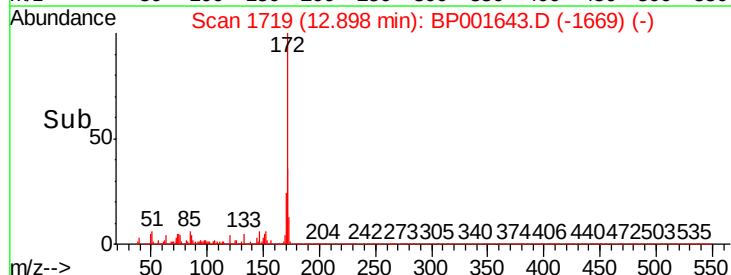
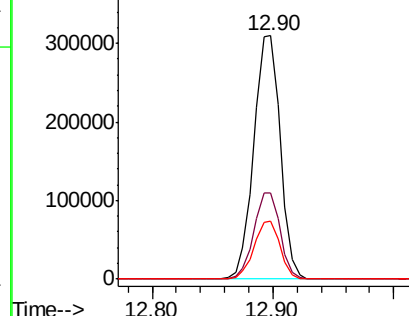


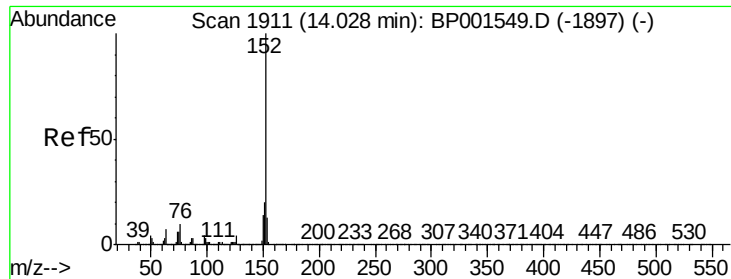
#45
 2-Fluorobiphenyl
 Concen: 72.709 ng
 RT: 12.90 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BP001643.D
 Acq: 16 Jan 2020 23:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.6	41.4
170	23.9	18.3	27.5



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





#49

Acenaphthylene

Concen: 11.881 ng

RT: 13.99 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

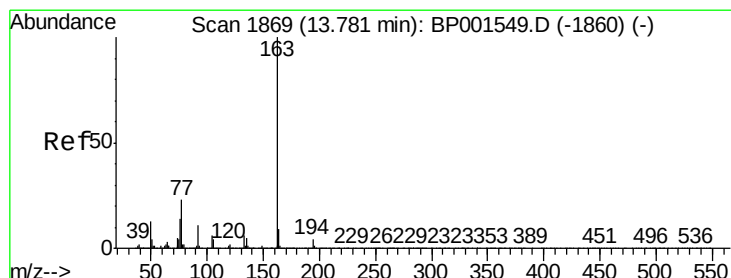
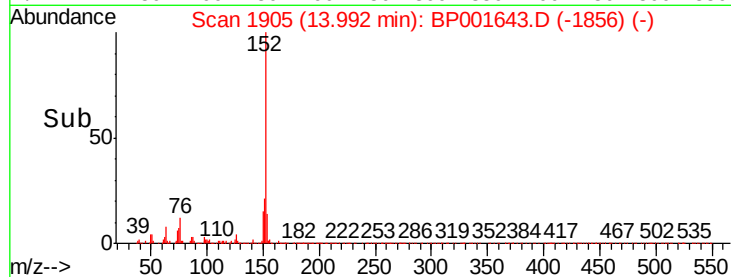
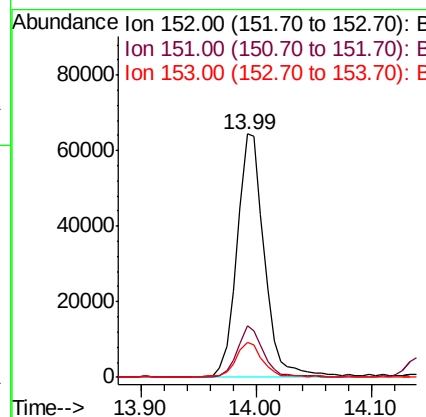
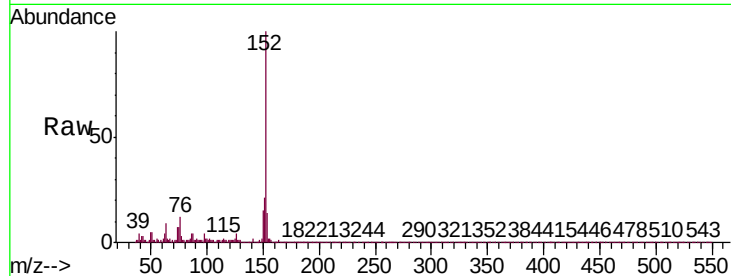
Instrument :

BNA_P

ClientSampleId :

SB-33-(5-7)

Tgt Ion:	152	Resp:	104627
Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.9	23.9
153	14.3	10.4	15.6



#50

Dimethylphthalate

Concen: 4.178 ng

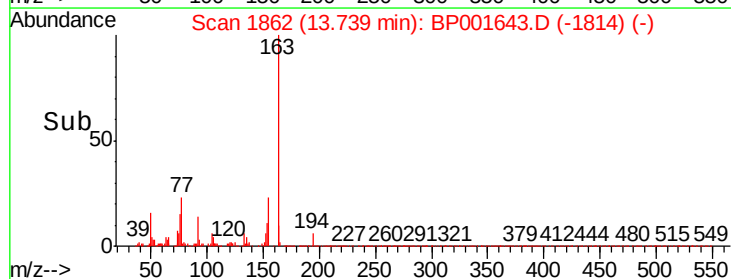
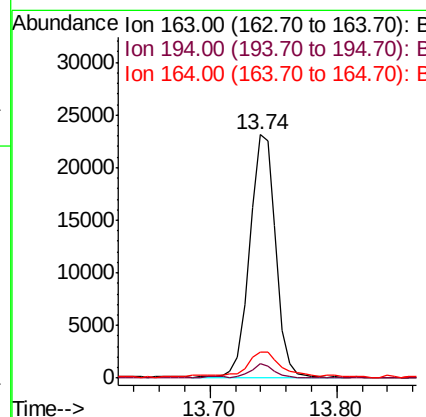
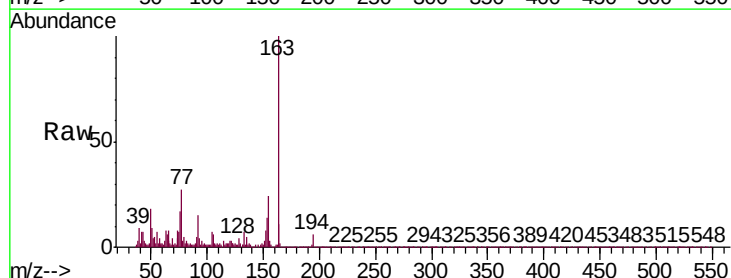
RT: 13.74 min Scan# 1862

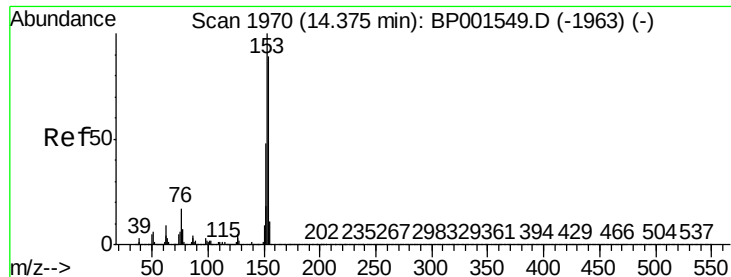
Delta R.T. -0.02 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

Tgt Ion:	163	Resp:	32995
Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.6	5.4#
164	10.8	7.5	11.3





#52

Acenaphthene

Concen: 2.539 ng

RT: 14.34 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

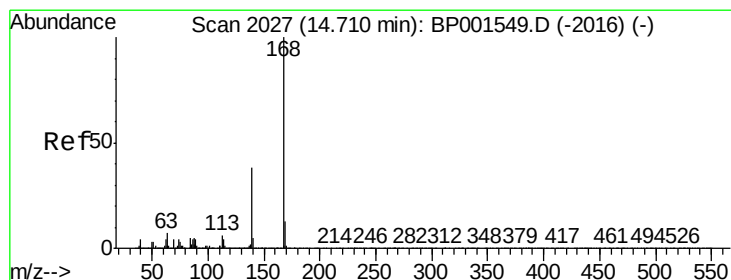
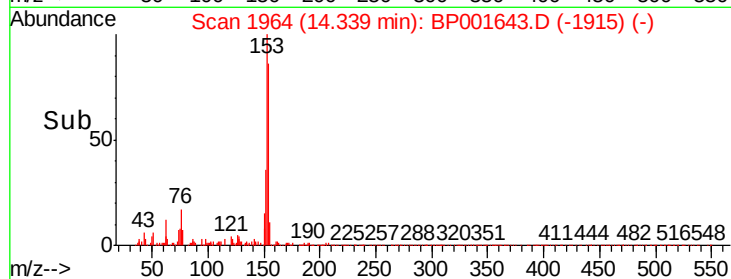
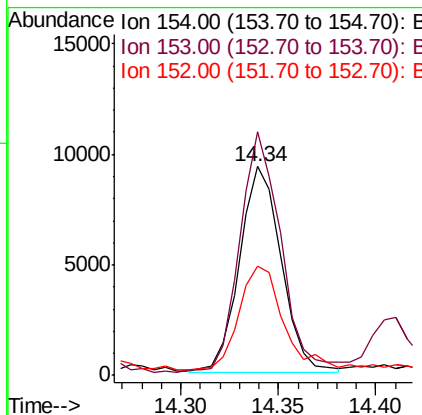
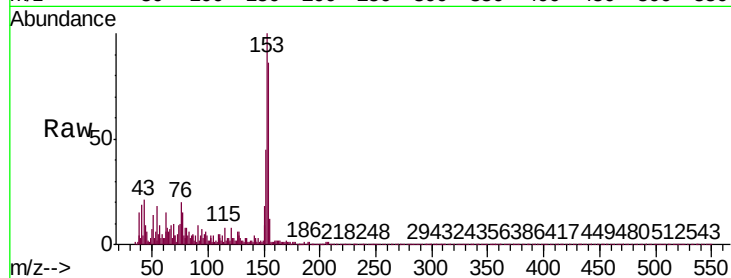
Instrument :

BNA_P

ClientSampled :

SB-33-(5-7)

Tgt Ion:	154	Resp:	13847
Ion	Ratio	Lower	Upper
154	100		
153	116.8	89.4	134.2
152	52.5	42.6	64.0



#55

Dibenzofuran

Concen: 3.944 ng

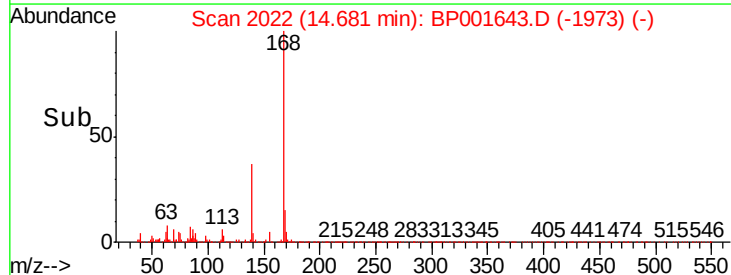
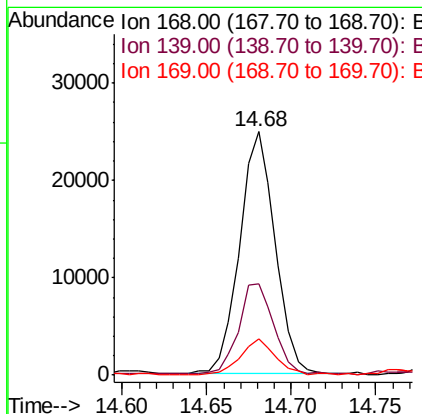
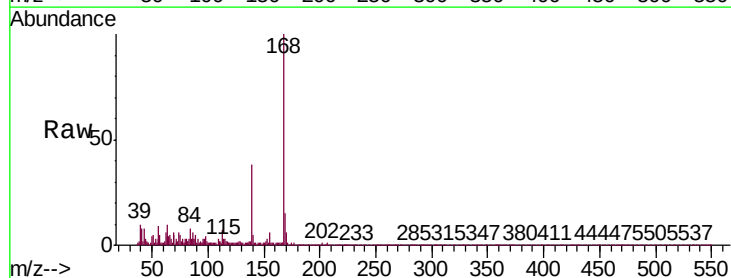
RT: 14.68 min Scan# 2022

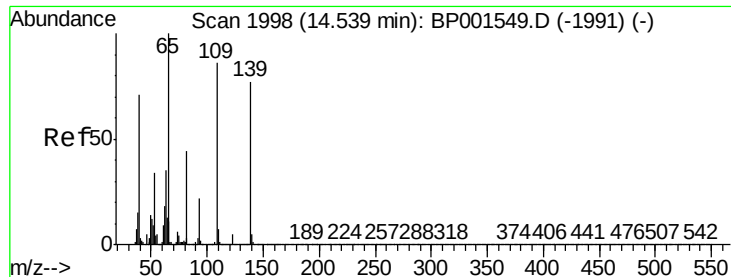
Delta R.T. -0.01 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

Tgt Ion:	168	Resp:	36376
Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.2	45.4
169	15.0	10.6	16.0

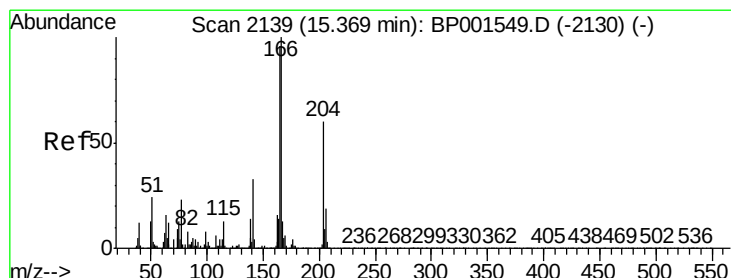
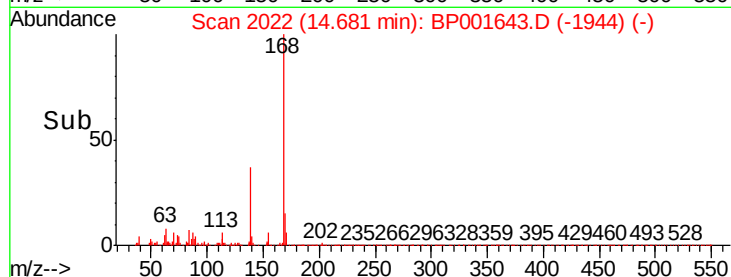
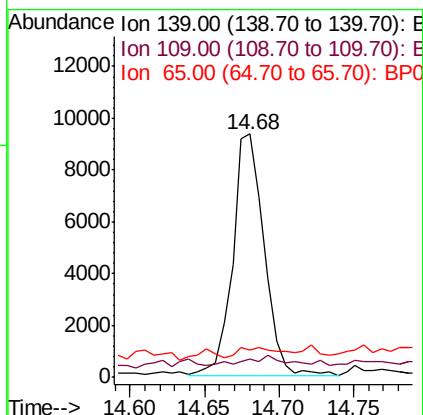
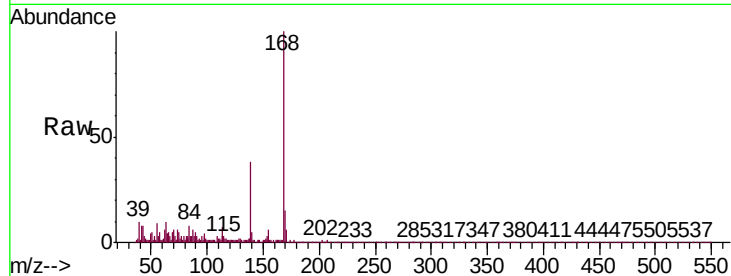




#56
4-Nitrophenol
Concen: 9.694 ng
RT: 14.68 min Scan# 2022
Delta R.T. 0.16 min
Lab File: BP001643.D
Acq: 16 Jan 2020 23:45

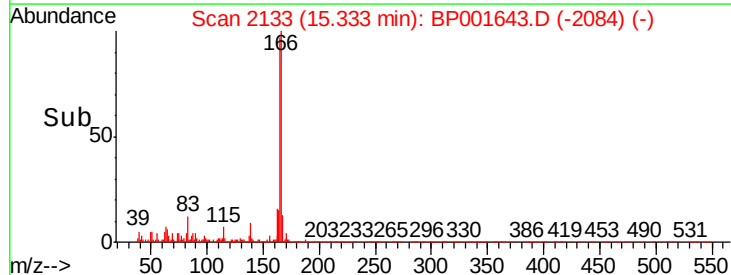
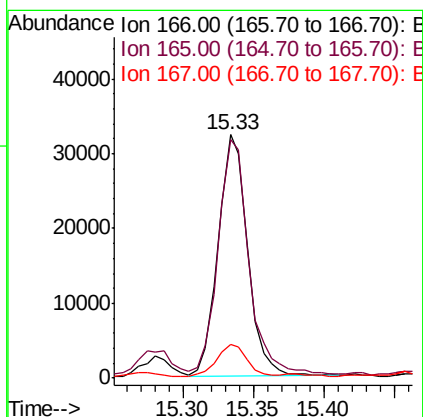
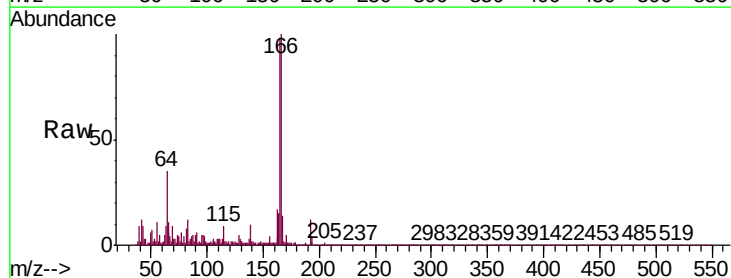
Instrument :
BNA_P
ClientSampleId :
SB-33-(5-7)

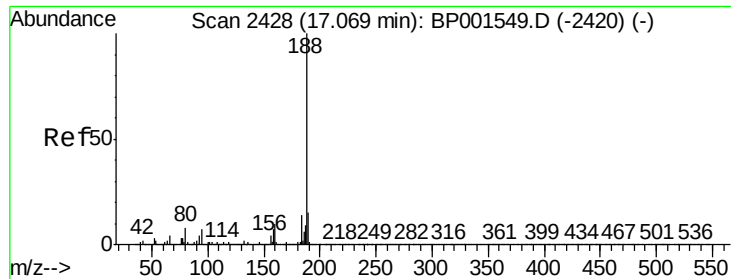
Tgt Ion:139 Resp: 13686
Ion Ratio Lower Upper
139 100
109 7.3 92.7 132.7#
65 11.1 111.1 151.1#



#58
Fluorene
Concen: 6.307 ng
RT: 15.33 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BP001643.D
Acq: 16 Jan 2020 23:45

Tgt Ion:166 Resp: 47070
Ion Ratio Lower Upper
166 100
165 98.2 76.9 115.3
167 14.0 10.3 15.5

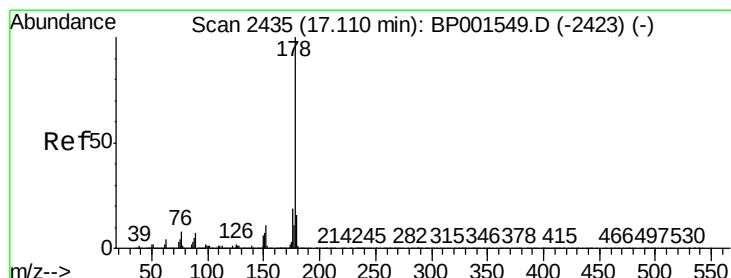
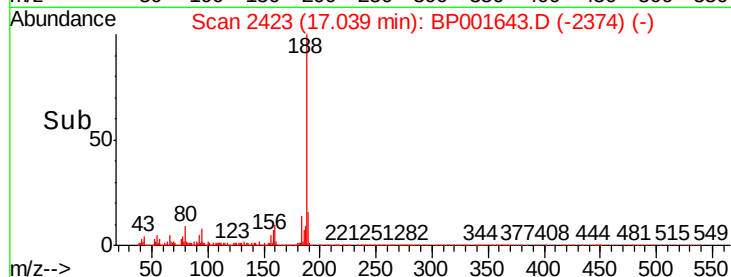
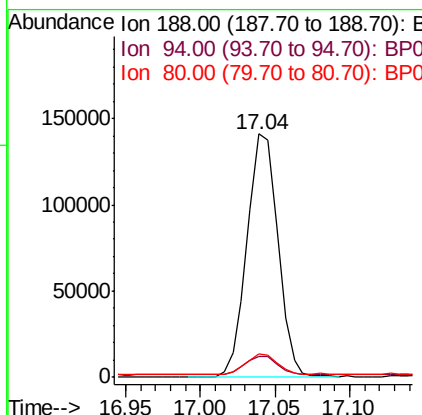
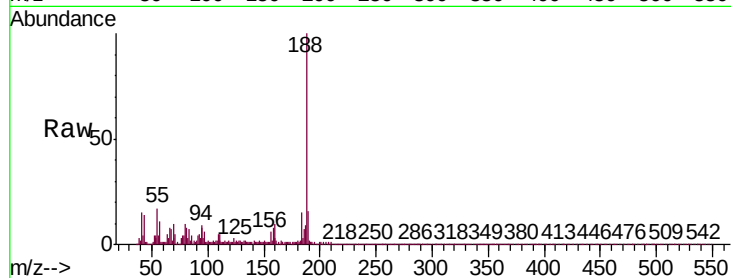




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP001643.D
Acq: 16 Jan 2020 23:45

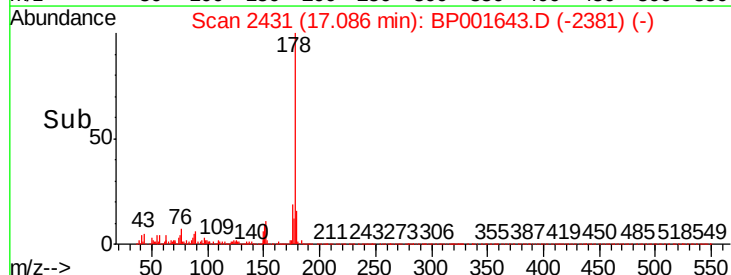
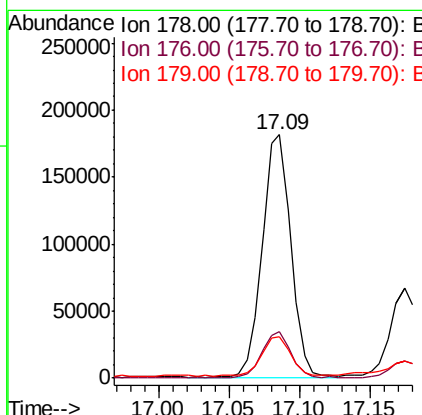
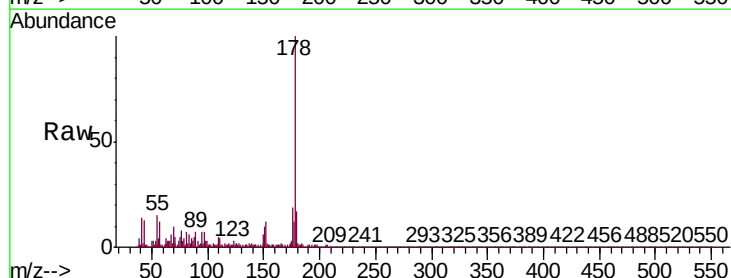
Instrument :
BNA_P
ClientSampleId :
SB-33-(5-7)

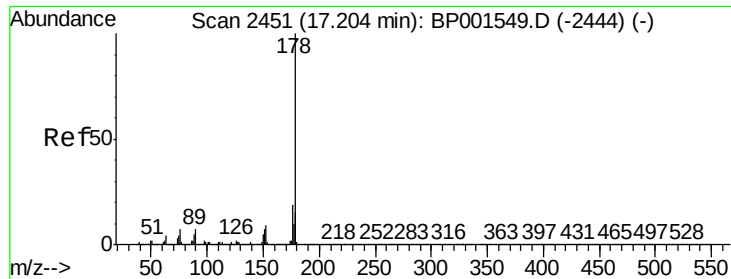
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	5.9	8.9
80	9.9	6.8	10.2



#71
Phenanthrene
Concen: 23.558 ng
RT: 17.09 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BP001643.D
Acq: 16 Jan 2020 23:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.9	22.3
179	16.9	12.5	18.7

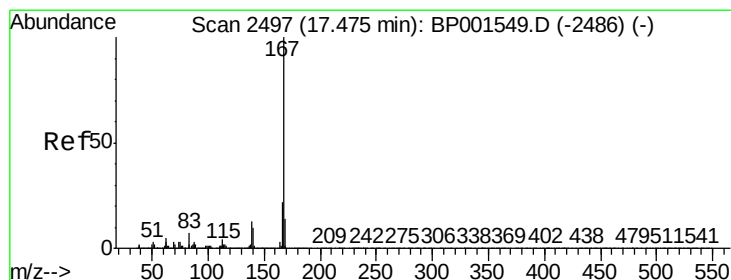
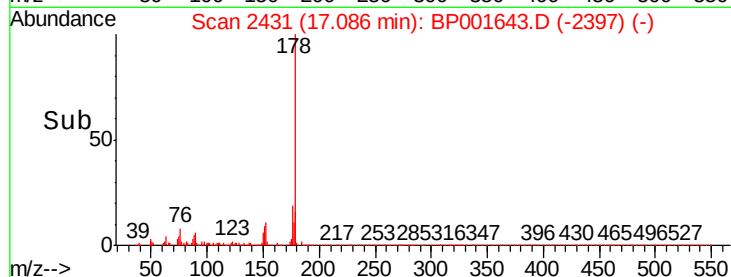
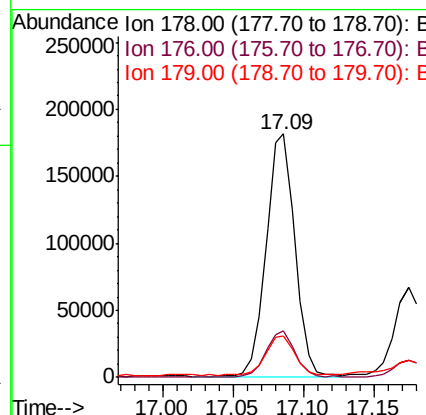
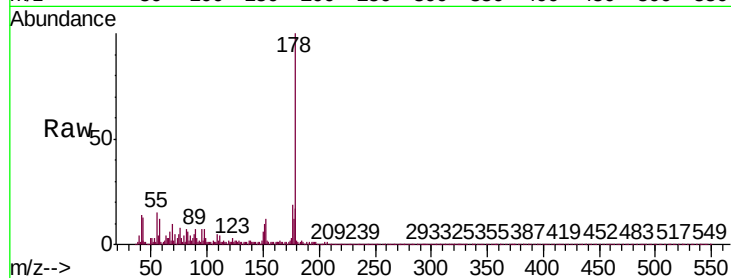




#72
 Anthracene
 Concen: 24.200 ng
 RT: 17.09 min Scan# 2431
 Delta R.T. -0.10 min
 Lab File: BP001643.D
 Acq: 16 Jan 2020 23:45

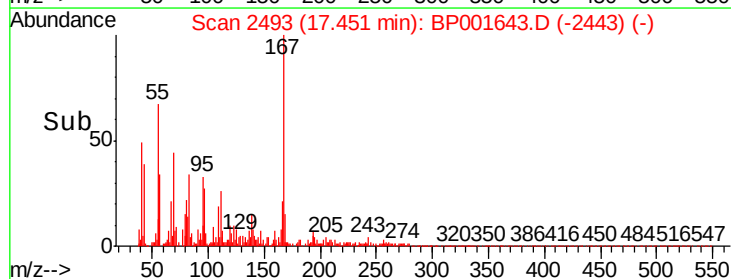
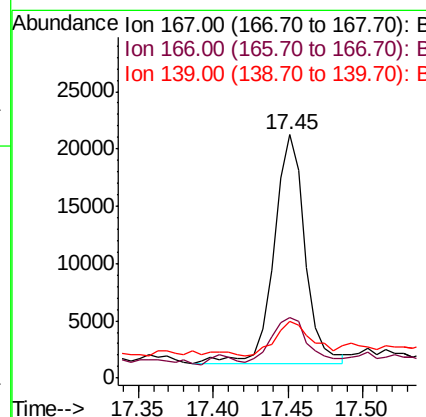
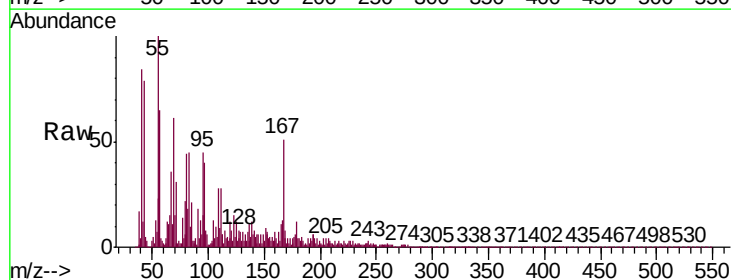
Instrument :
 BNA_P
 ClientSampleId :
 SB-33-(5-7)

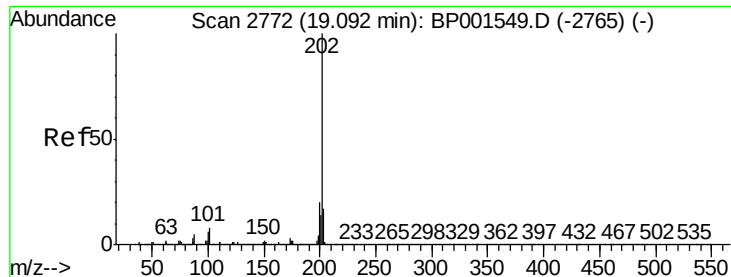
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.6
179	16.9	11.8	17.8



#73
 Carbazole
 Concen: 2.925 ng
 RT: 17.45 min Scan# 2493
 Delta R.T. -0.01 min
 Lab File: BP001643.D
 Acq: 16 Jan 2020 23:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.9	17.2	25.8
139	23.1	10.0	15.0#





#75

Fluoranthene

Concen: 19.466 ng

RT: 19.10 min Scan# 2773

Delta R.T. 0.02 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

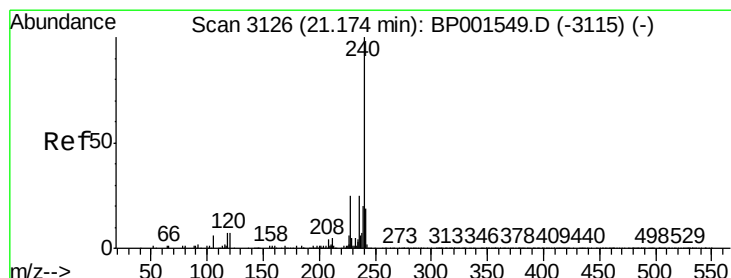
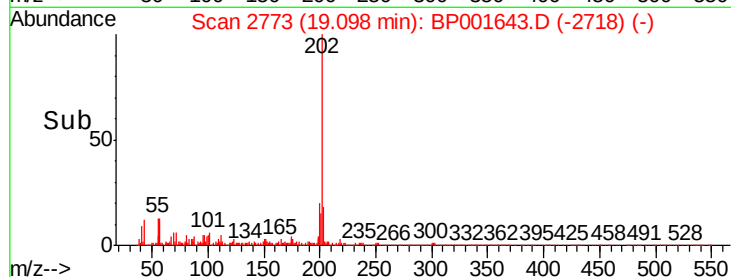
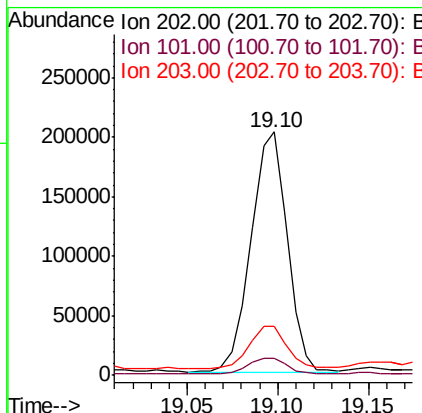
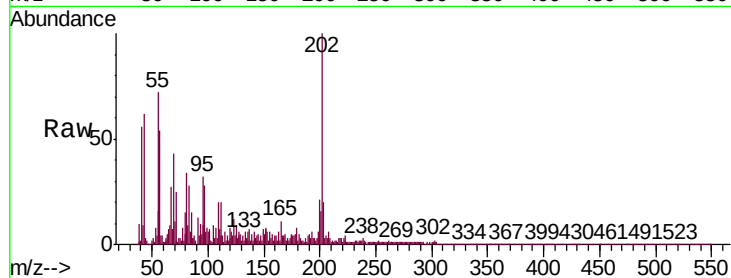
Instrument :

BNA_P

ClientSampleId :

SB-33-(5-7)

Tgt Ion:	202	Resp:	280298
Ion Ratio		Lower	Upper
202	100		
101	6.8	0.0	28.4
203	20.0	0.0	37.4



#76

Chrysene-d12

Concen: 20.000 ng

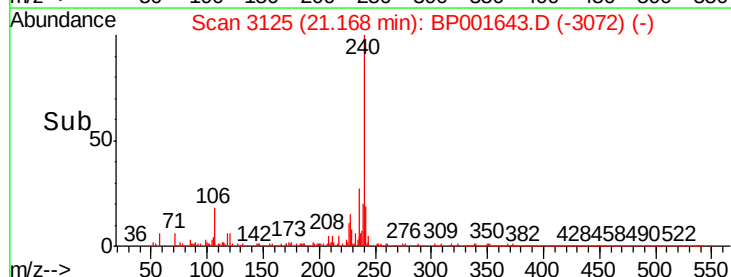
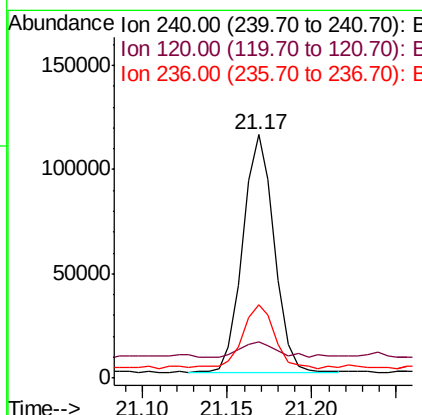
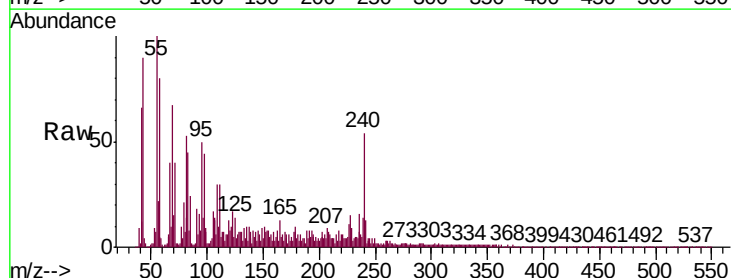
RT: 21.17 min Scan# 3125

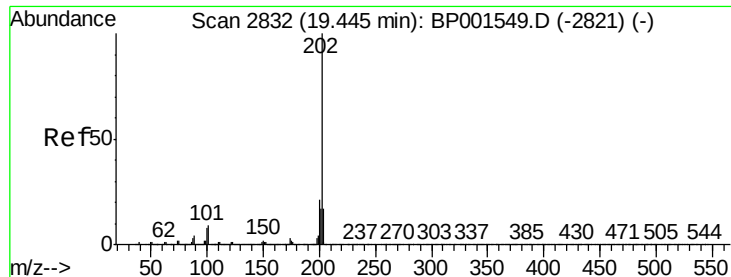
Delta R.T. 0.01 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

Tgt Ion:	240	Resp:	147541
Ion Ratio		Lower	Upper
240	100		
120	15.1	5.7	8.5#
236	30.2	20.4	30.6





#78

Pyrene

Concen: 25.880 ng

RT: 19.43 min Scan# 2830

Delta R.T. 0.01 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

Instrument :

BNA_P

ClientSampleId :

SB-33-(5-7)

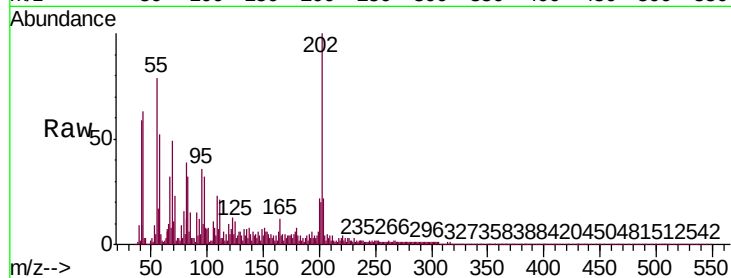
Tgt Ion:202 Resp: 280488

Ion Ratio Lower Upper

202 100

200 22.1 17.0 25.6

203 21.5 13.7 20.5#

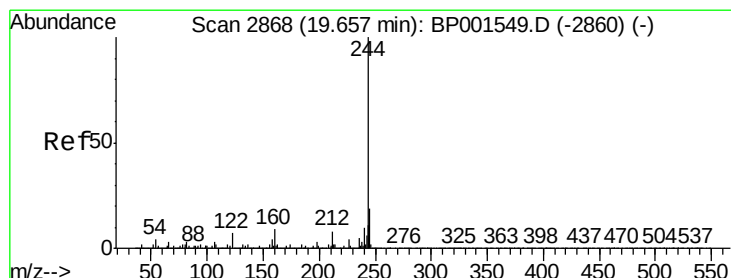
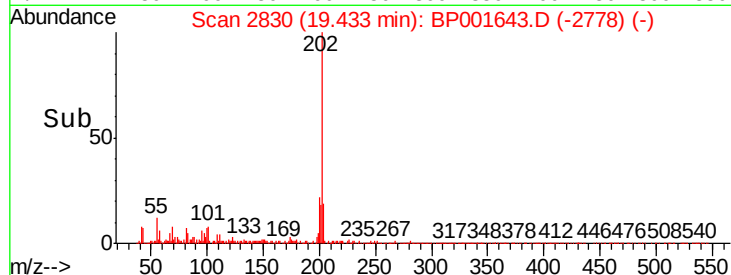
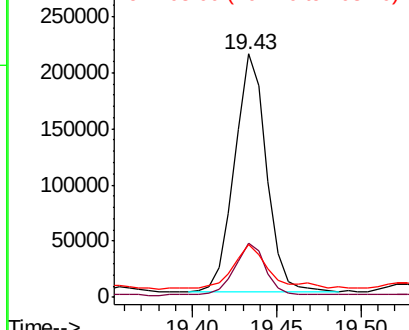


Abundance

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: 74.212 ng

RT: 19.64 min Scan# 2866

Delta R.T. 0.01 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

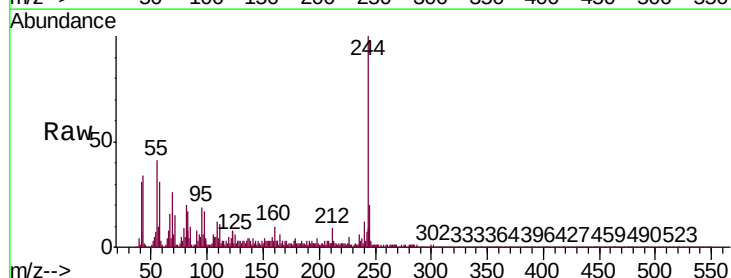
Tgt Ion:244 Resp: 598638

Ion Ratio Lower Upper

244 100

212 9.0 6.3 9.5

122 8.5 5.8 8.6

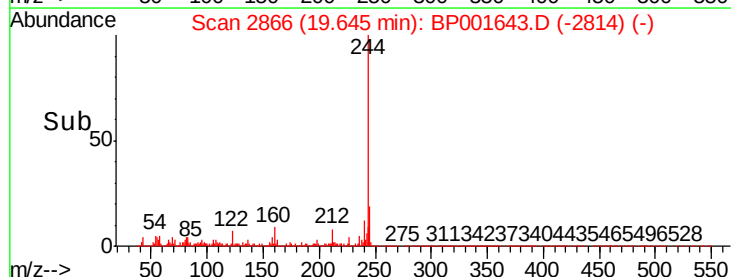
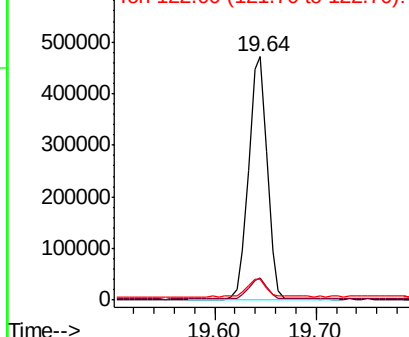


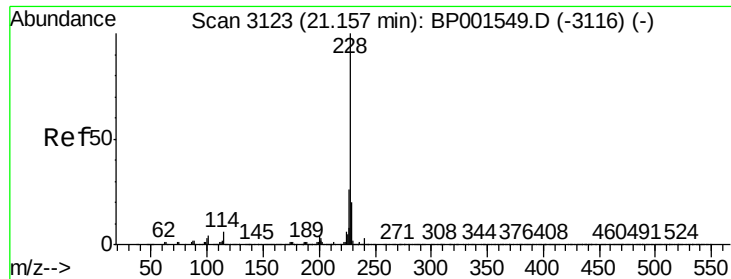
Abundance

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

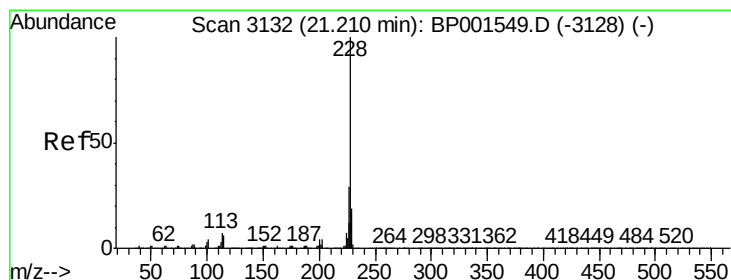
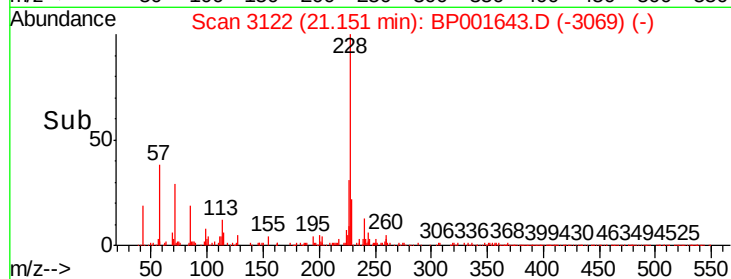
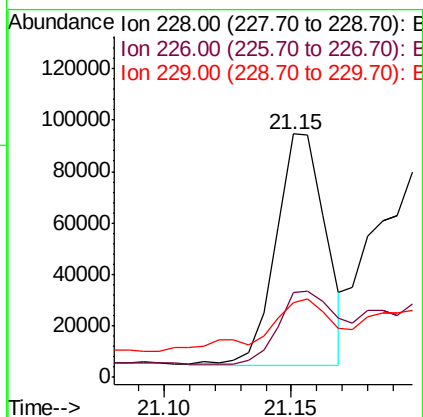
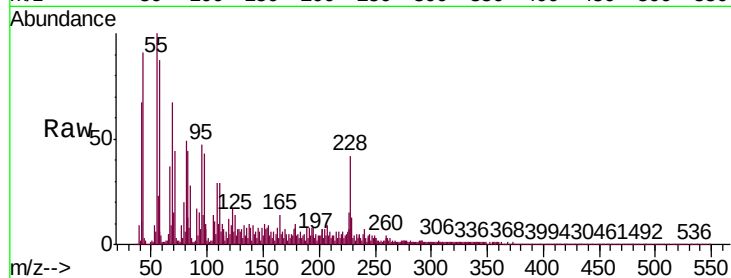




#81
Benzo(a)anthracene
Concen: 11.971 ng
RT: 21.15 min Scan# 3122
Delta R.T. 0.01 min
Lab File: BP001643.D
Acq: 16 Jan 2020 23:45

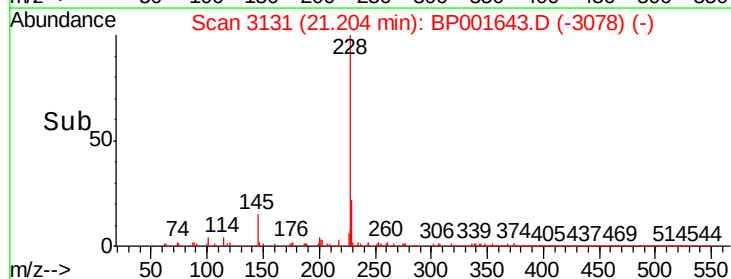
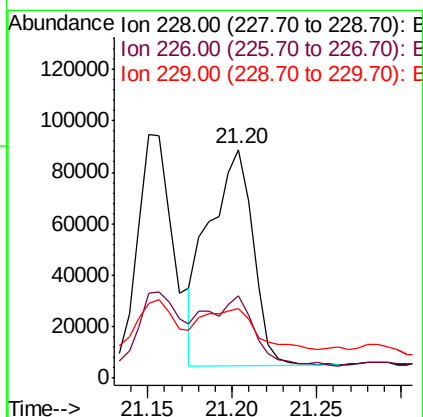
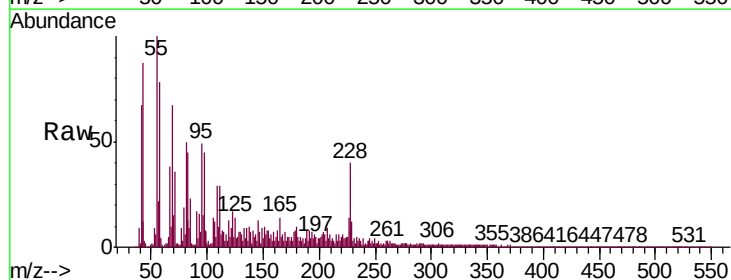
Instrument :
BNA_P
ClientSampleId :
SB-33-(5-7)

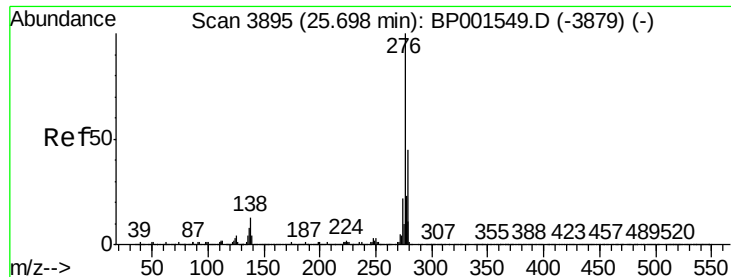
Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.8	21.2	31.8#
229	30.9	16.1	24.1#



#83
Chrysene
Concen: 15.242 ng
RT: 21.20 min Scan# 3131
Delta R.T. 0.01 min
Lab File: BP001643.D
Acq: 16 Jan 2020 23:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.8	23.2	34.8#
229	30.3	15.2	22.8#





#86

Indeno(1,2,3-cd)pyrene

Concen: 6.847 ng

RT: 25.66 min Scan# 3888

Delta R.T. -0.00 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

Instrument :

BNA_P

ClientSampleId :

SB-33-(5-7)

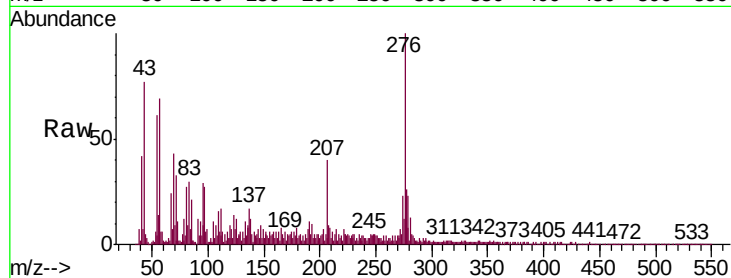
Tgt Ion:276 Resp: 80262

Ion Ratio Lower Upper

276 100

138 13.8 11.1 16.7

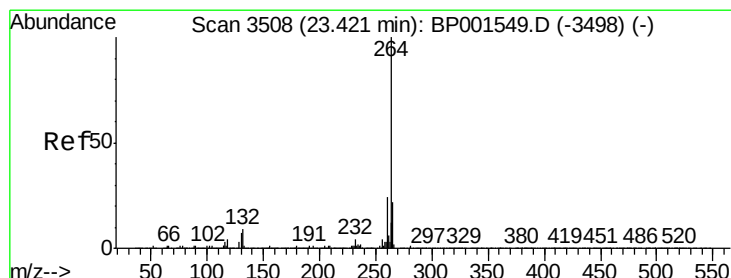
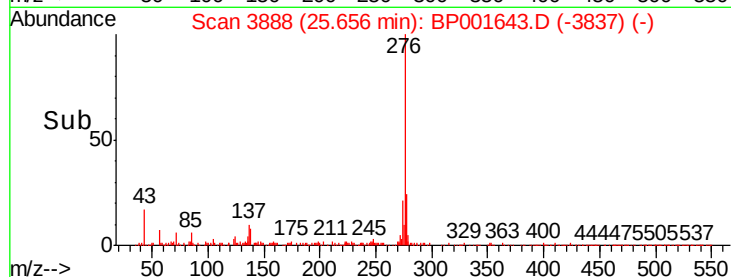
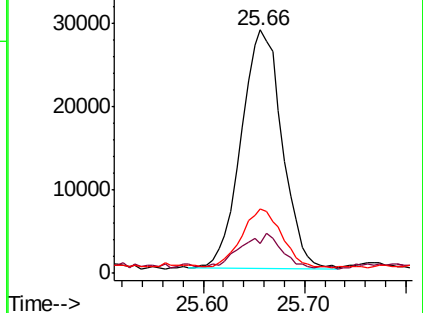
277 24.3 20.4 30.6



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: 23.42 min Scan# 3507

Delta R.T. 0.02 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

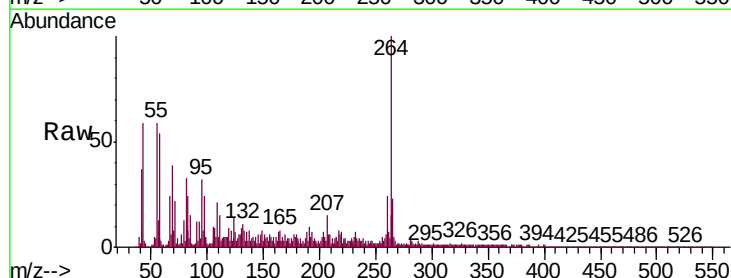
Tgt Ion:264 Resp: 168637

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

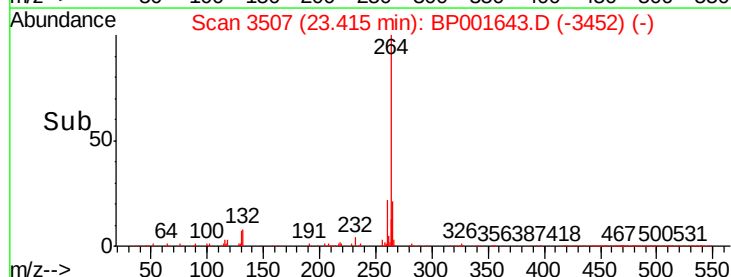
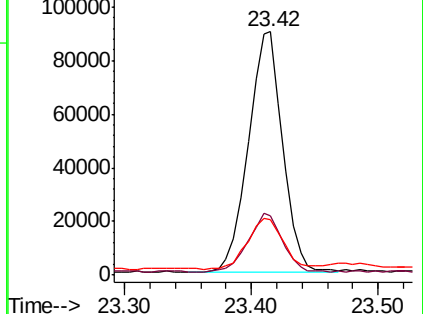
265 22.7 18.2 27.4

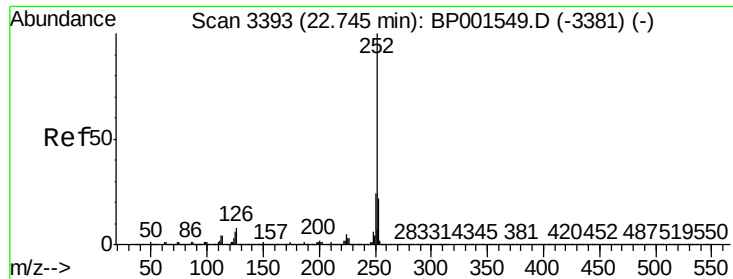


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 21.507 ng

RT: 22.74 min Scan# 3393

Delta R.T. 0.02 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

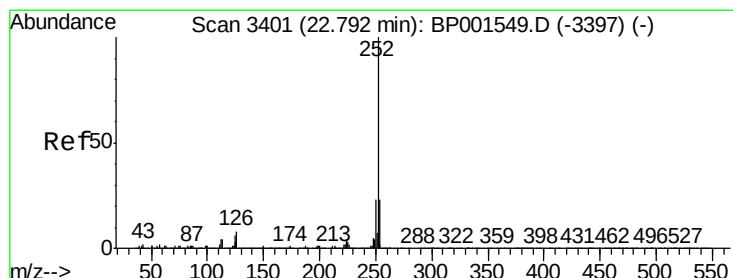
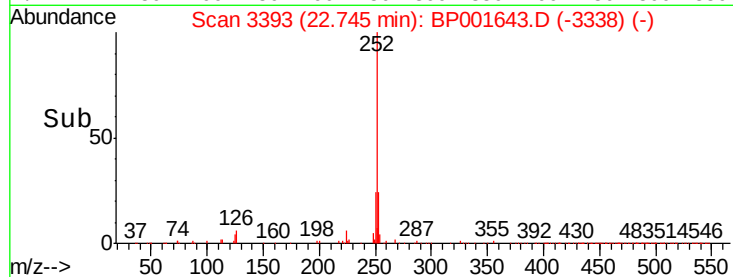
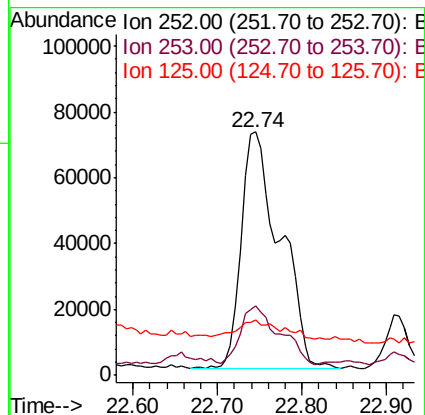
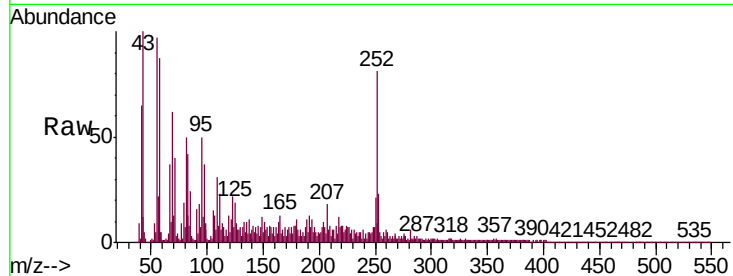
Instrument :

BNA_P

ClientSampleId :

SB-33-(5-7)

Tgt Ion:	252	Resp:	228550
Ion Ratio	Lower	Upper	
252	100		
253	28.4	17.6	26.4#
125	22.9	4.6	7.0#



#89

Benzo(k)fluoranthene

Concen: 22.059 ng

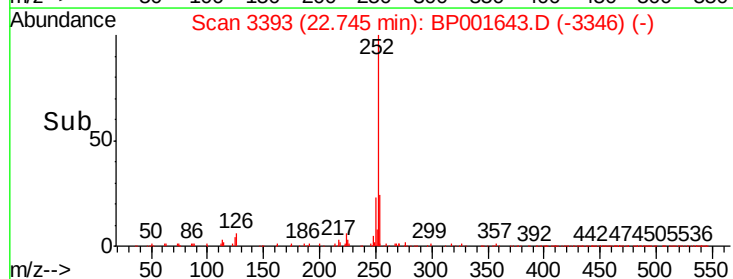
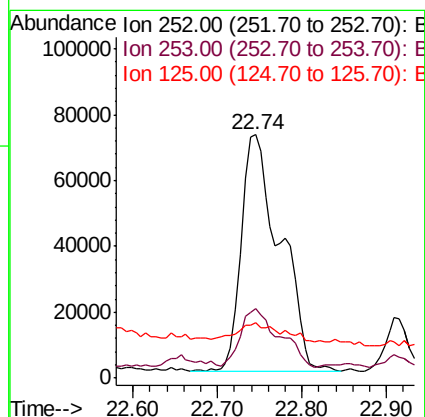
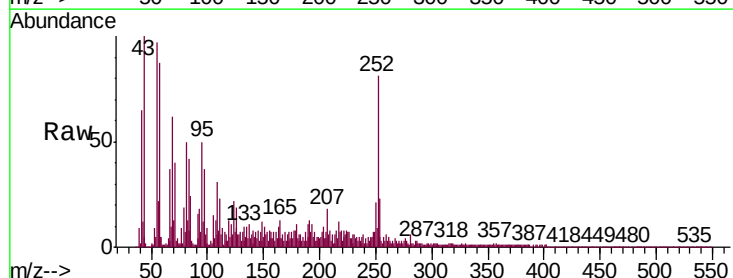
RT: 22.74 min Scan# 3393

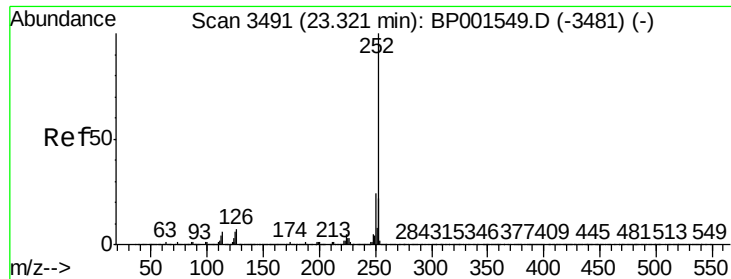
Delta R.T. -0.02 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

Tgt Ion:	252	Resp:	228550
Ion Ratio	Lower	Upper	
252	100		
253	28.4	18.2	27.2#
125	22.9	4.6	6.8#





#90

Benzo(a)pyrene

Concen: 10.695 ng

RT: 23.31 min Scan# 3489

Delta R.T. 0.01 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

Instrument :

BNA_P

ClientSampleId :

SB-33-(5-7)

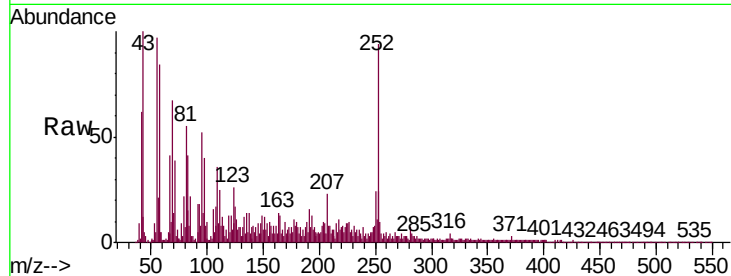
Tgt Ion:252 Resp: 107912

Ion Ratio Lower Upper

252 100

253 25.5 17.6 26.4

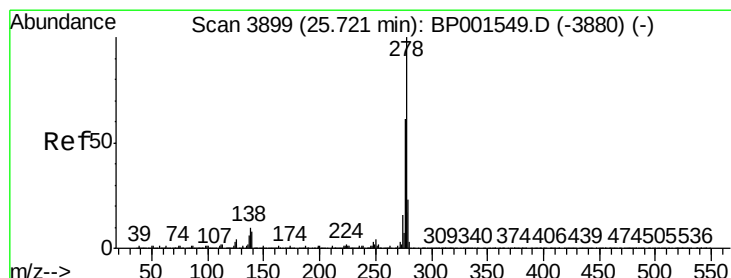
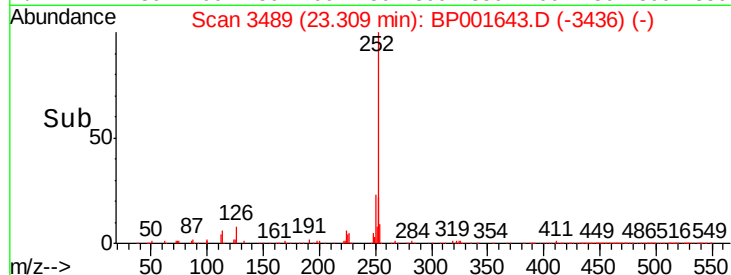
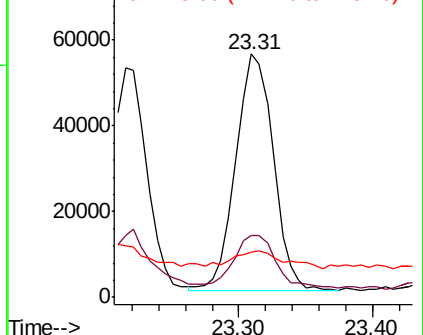
125 18.5 5.0 7.4#



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



#91

Dibenzo(a,h)anthracene

Concen: 2.164 ng

RT: 25.66 min Scan# 3889

Delta R.T. -0.01 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

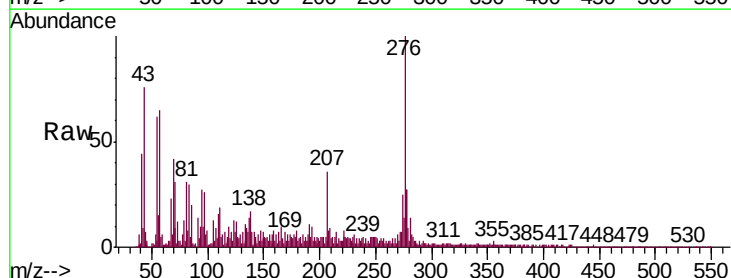
Tgt Ion:278 Resp: 22524

Ion Ratio Lower Upper

278 100

139 27.7 6.7 10.1#

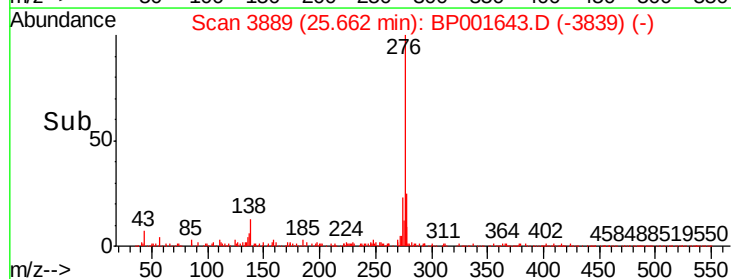
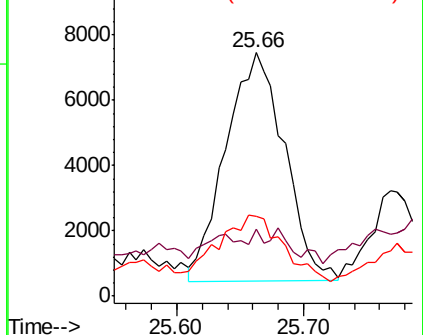
279 32.7 18.6 28.0#

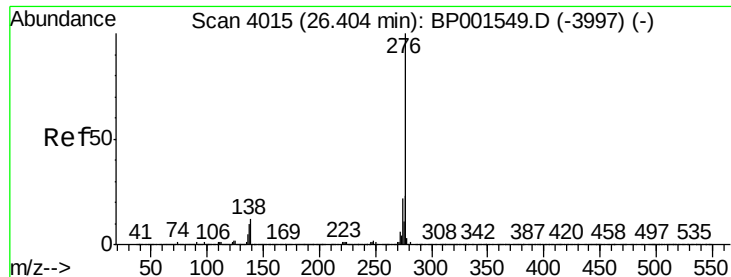


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 8.078 ng

RT: 26.34 min Scan# 4005

Delta R.T. 0.01 min

Lab File: BP001643.D

Acq: 16 Jan 2020 23:45

Instrument :

BNA_P

ClientSampleId :

SB-33-(5-7)

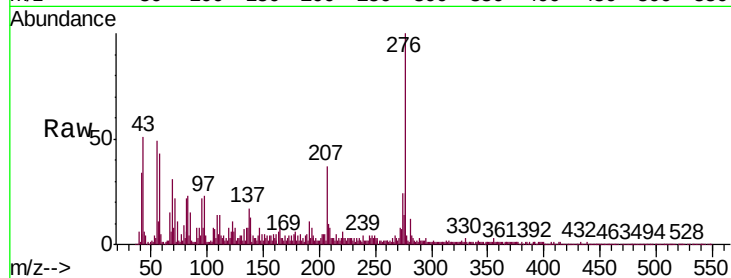
Tgt Ion:276 Resp: 83604

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 12.8 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

