

Data File : BP001586.D
Acq On : 09 Jan 2020 19:05
Operator : JU
Sample : L1060-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1MSD

Quant Time: Jan 10 05:08:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 15:02:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	43901	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	161770	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	111441	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	236287	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	163086	20.00	ng	0.00
87) Perylene-d12	23.46	264	173073	20.00	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	233510	104.19	ng	0.00
7) Phenol-d6	6.86	99	339646	94.83	ng	0.00
23) Nitrobenzene-d5	8.80	82	236214	63.81	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	138602	81.71	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	469345	61.92	ng	-0.01
79) Terphenyl-d14	19.65	244	544230	61.04	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.25	88	27440	38.366 ng	97
3) Pyridine	3.63	79	78985	30.561 ng	98
4) n-Nitrosodimethylamine	3.55	42	77740	42.440 ng	# 96
6) Aniline	6.99	93	78855	17.607 ng	99
8) 2-Chlorophenol	7.23	128	110546	42.251 ng	98
9) Benzaldehyde	6.80	77	75695	35.382 ng	98
10) Phenol	6.88	94	156360	42.201 ng	98
11) bis(2-Chloroethyl)ether	7.09	93	113656	39.113 ng	94
12) 1,3-Dichlorobenzene	7.55	146	130036	39.538 ng	98
13) 1,4-Dichlorobenzene	7.69	146	133333	39.207 ng	96
14) 1,2-Dichlorobenzene	8.00	146	126731	38.561 ng	98
15) Benzyl Alcohol	7.90	79	125515	37.211 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	201999	37.419 ng	98
17) 2-Methylphenol	8.11	107	99617	38.724 ng	98
18) Hexachloroethane	8.72	117	50713	38.199 ng	95
19) n-Nitroso-di-n-propylamine	8.46	70	98458	36.056 ng	95
20) 3+4-Methylphenols	8.44	107	132828	36.914 ng	99
22) Acetophenone	8.47	105	180109	39.717 ng	97
24) Nitrobenzene	8.85	77	152379	40.686 ng	99
25) Isophorone	9.38	82	260016	39.167 ng	99
26) 2-Nitrophenol	9.55	139	61621	43.537 ng	98
27) 2,4-Dimethylphenol	9.63	122	103006	48.714 ng	97
28) bis(2-Chloroethoxy)methane	9.86	93	146178	37.587 ng	99
29) 2,4-Dichlorophenol	10.09	162	117910	40.738 ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	138266	39.572 ng	99
31) Naphthalene	10.48	128	339816	39.802 ng	99
32) Benzoic acid	9.80	122	70556	38.147 ng	97
33) 4-Chloroaniline	10.59	127	20676	5.260 ng	96
34) Hexachlorobutadiene	10.78	225	99375	40.177 ng	97
35) Caprolactam	11.38	113	24659	23.462 ng	94
36) 4-Chloro-3-methylphenol	11.75	107	127337	36.659 ng	98
37) 2-Methylnaphthalene	12.10	142	255220	37.509 ng	95
38) 1-Methylnaphthalene	12.32	142	243707	37.220 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	167168	43.790 ng	98

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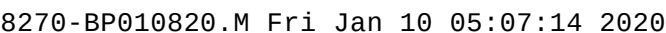
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

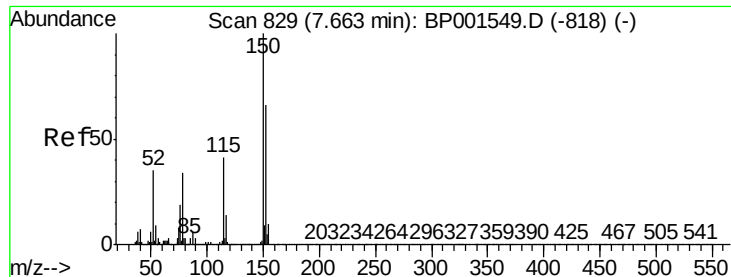
Quant Time: Jan 10 05:08:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	119845	61.890	ng	99
43) 2,4,6-Trichlorophenol	12.72	196	107202	43.542	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	112414	42.967	ng	97
46) 1,1'-Biphenyl	13.13	154	340524	42.642	ng	100
47) 2-Chloronaphthalene	13.16	162	270165	40.706	ng	99
48) 2-Nitroaniline	13.37	65	99667	38.222	ng	96
49) Acenaphthylene	14.02	152	421524	41.181	ng	99
50) Dimethylphthalate	13.78	163	375209	40.878	ng	99
51) 2,6-Dinitrotoluene	13.88	165	72744	37.372	ng	96
52) Acenaphthene	14.36	154	250079	39.449	ng	100
53) 3-Nitroaniline	14.20	138	22996	11.190	ng	99
54) 2,4-Dinitrophenol	14.42	184	64310	58.761	ng	# 86
55) Dibenzofuran	14.70	168	414491	38.665	ng	99
56) 4-Nitrophenol	14.55	139	119751	72.971	ng	89
57) 2,4-Dinitrotoluene	14.67	165	100628	35.333	ng	# 96
58) Fluorene	15.36	166	328850	37.910	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	104224	38.579	ng	99
60) Diethylphthalate	15.15	149	330694	35.029	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	184536	37.170	ng	96
62) 4-Nitroaniline	15.38	138	55242	23.577	ng	96
63) Azobenzene	15.65	77	364230	38.612	ng	96
65) 4,6-Dinitro-2-methylphenol	15.44	198	47660	37.308	ng	89
66) n-Nitrosodiphenylamine	15.57	169	285555	45.617	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	114680	43.022	ng	97
68) Hexachlorobenzene	16.37	284	126550	40.862	ng	98
69) Atrazine	16.55	200	114618	49.856	ng	98
70) Pentachlorophenol	16.72	266	152638	89.244	ng	100
71) Phenanthrene	17.10	178	591593	46.038	ng	99
72) Anthracene	17.19	178	543536	43.450	ng	100
73) Carbazole	17.47	167	437109	37.218	ng	100
74) Di-n-butylphthalate	18.05	149	518243	37.297	ng	99
75) Fluoranthene	19.09	202	678299	40.116	ng	99
77) Benzidine	19.27	184	255412	68.588	ng	99
78) Pyrene	19.43	202	639812	53.407	ng	99
80) Butylbenzylphthalate	20.33	149	188797	41.464	ng	98
81) Benzo(a)anthracene	21.16	228	513374	45.200	ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	136830	32.127	ng	100
83) Chrysene	21.21	228	489145	44.191	ng	99
84) Bis(2-ethylhexyl)phthalate	21.11	149	252297	40.420	ng	100
85) Di-n-octyl phthalate	22.00	149	391873	39.374	ng	98
86) Indeno(1,2,3-cd)pyrene	25.81	276	235015	18.138	ng	# 88
88) Benzo(b)fluoranthene	22.77	252	516231	47.334	ng	99
89) Benzo(k)fluoranthene	22.77	252	516231	48.547	ng	99
90) Benzo(a)pyrene	23.36	252	443213	42.801	ng	100
91) Dibenzo(a,h)anthracene	25.82	278	426439	39.914	ng	97
92) Benzo(g,h,i)perylene	26.58	276	440842	41.506	ng	98

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

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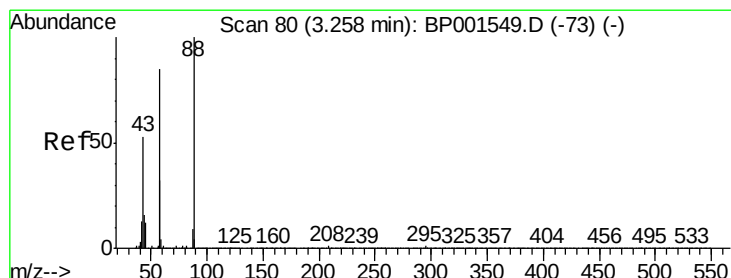
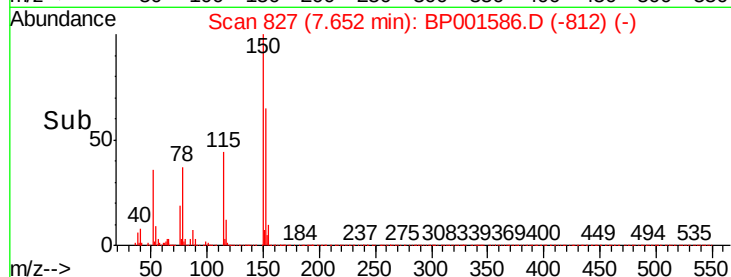
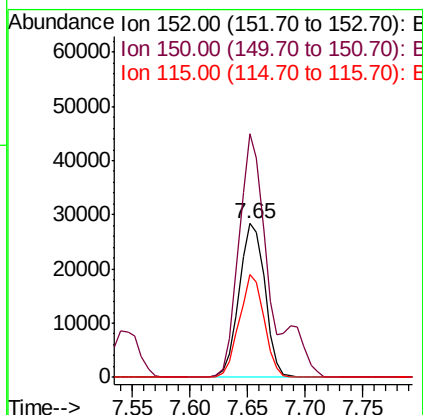
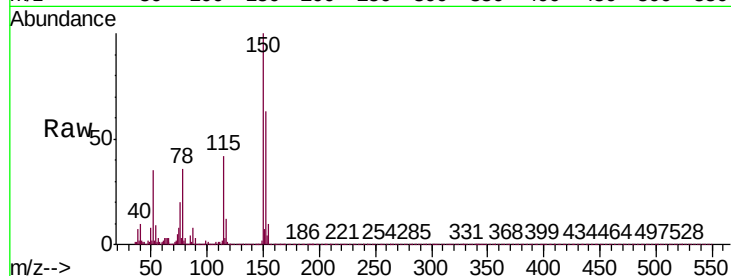


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 827
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

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TP-1MSD

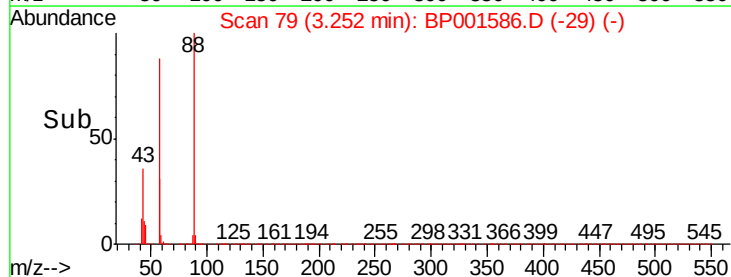
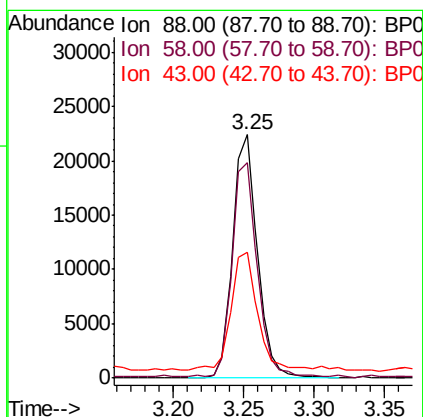
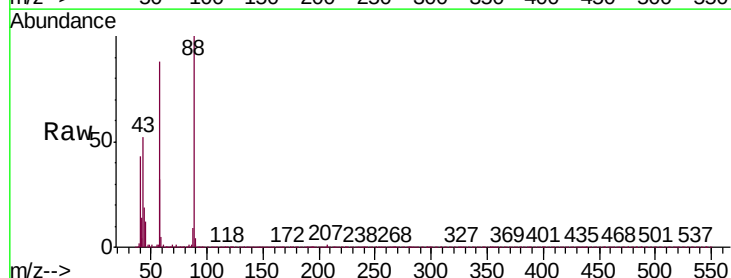
Tgt Ion:152 Resp: 43901
Ion Ratio Lower Upper
152 100
150 158.3 122.0 183.0
115 66.9 50.7 76.1

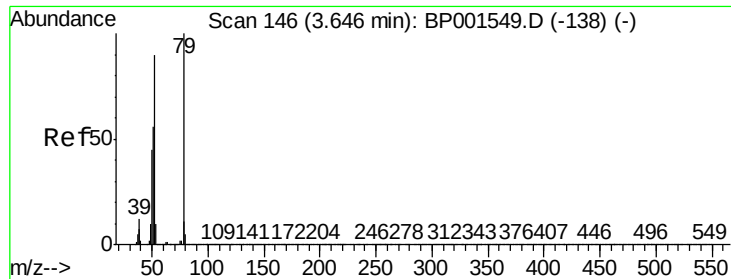


#2

1,4-Dioxane
Concen: 38.366 ng
RT: 3.25 min Scan# 79
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion: 88 Resp: 27440
Ion Ratio Lower Upper
88 100
58 90.5 69.5 104.3
43 51.0 40.3 60.5

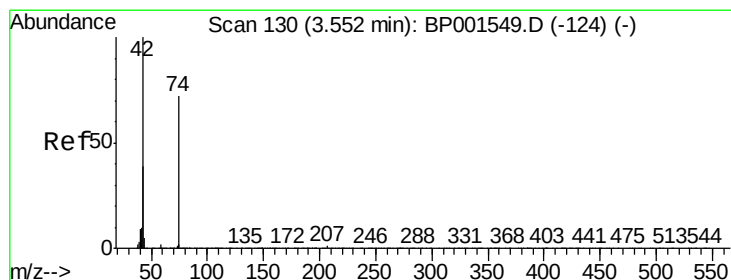
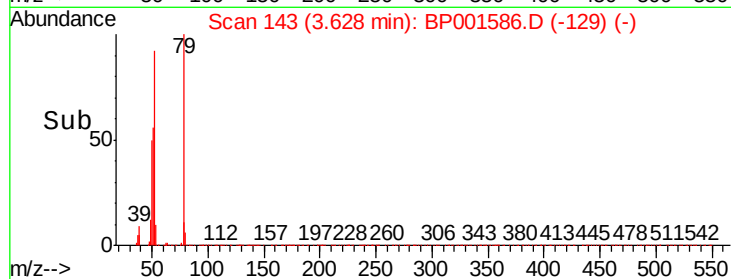
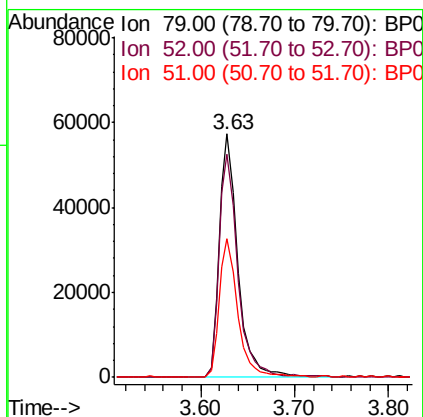
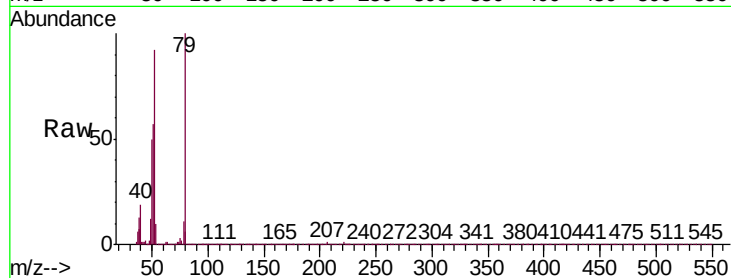




#3
 Pyridine
 Concen: 30.561 ng
 RT: 3.63 min Scan# 143
 Delta R.T. -0.02 min
 Lab File: BP001586.D
 Acq: 09 Jan 2020 19:05

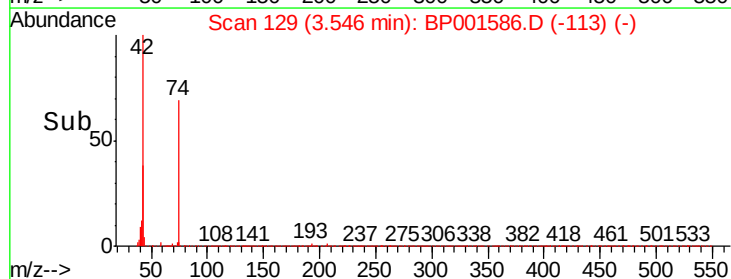
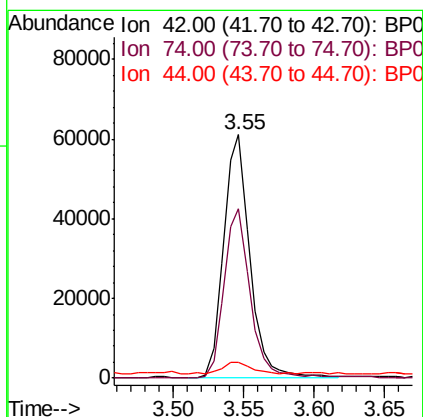
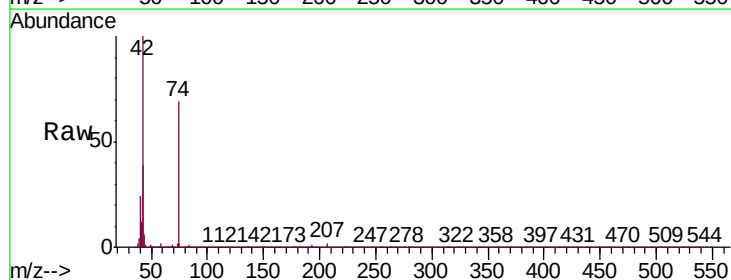
Instrument :
 BNA_P
 ClientSampleId :
 TP-1MSD

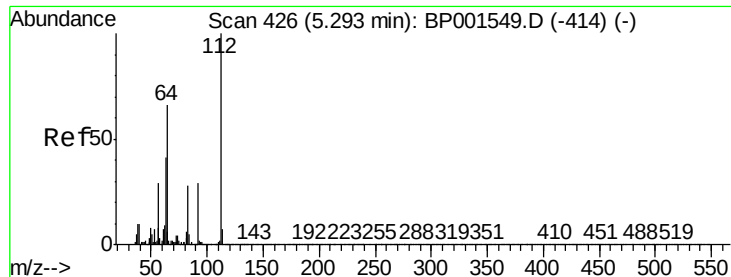
Tgt Ion: 79 Resp: 78985
 Ion Ratio Lower Upper
 79 100
 52 91.8 72.1 108.1
 51 56.8 44.8 67.2



#4
 n-Nitrosodimethylamine
 Concen: 42.440 ng
 RT: 3.55 min Scan# 129
 Delta R.T. -0.01 min
 Lab File: BP001586.D
 Acq: 09 Jan 2020 19:05

Tgt Ion: 42 Resp: 77740
 Ion Ratio Lower Upper
 42 100
 74 69.3 58.0 87.0
 44 6.5 6.7 10.1#





#5

2-Fluorophenol

Concen: 104.194 ng

RT: 5.29 min Scan# 425

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

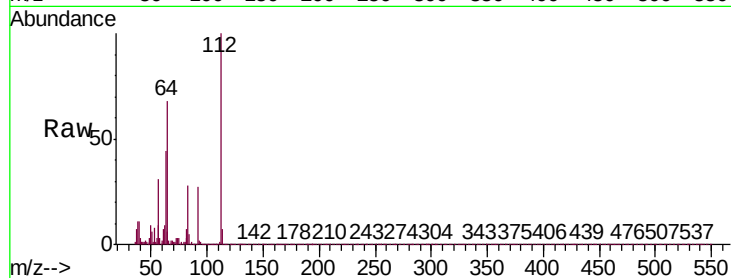
Tgt Ion: 112 Resp: 233510

Ion Ratio Lower Upper

112 100

64 68.1 52.8 79.2

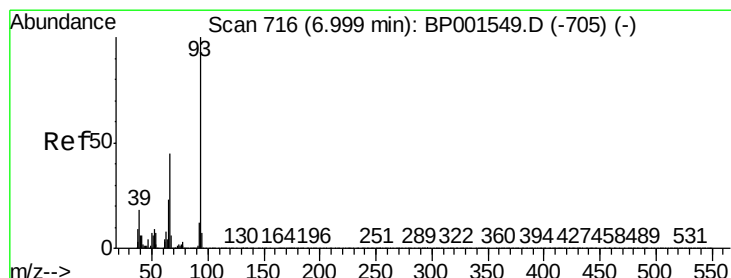
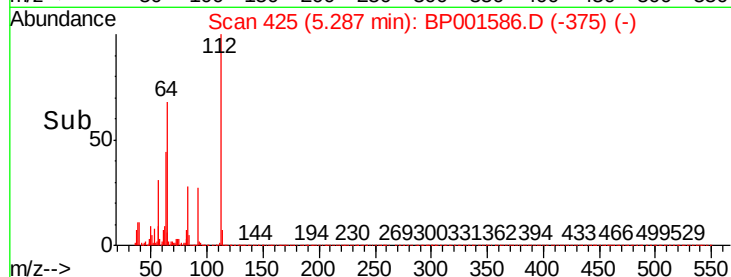
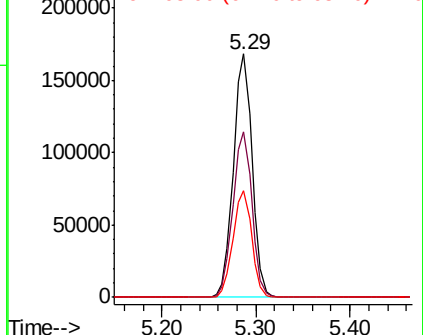
63 43.9 33.1 49.7



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



#6

Aniline

Concen: 17.607 ng

RT: 6.99 min Scan# 715

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

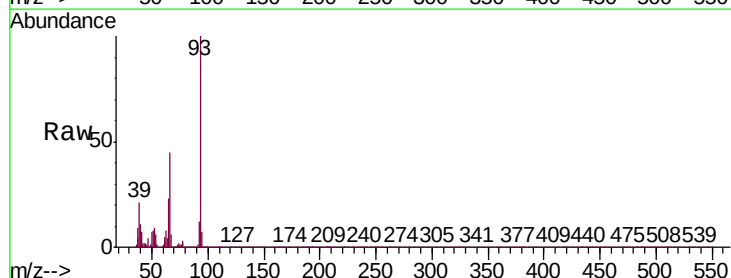
Tgt Ion: 93 Resp: 78855

Ion Ratio Lower Upper

93 100

66 44.5 36.4 54.6

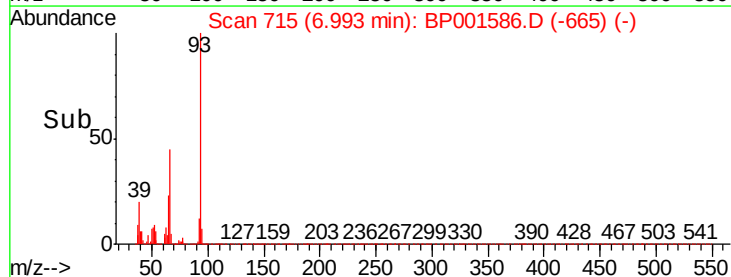
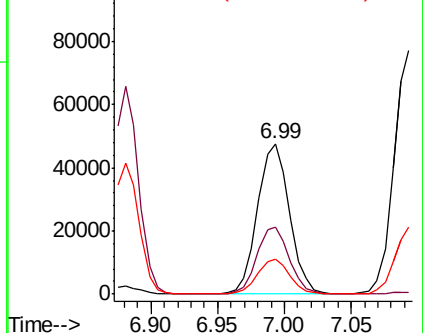
65 23.4 18.5 27.7

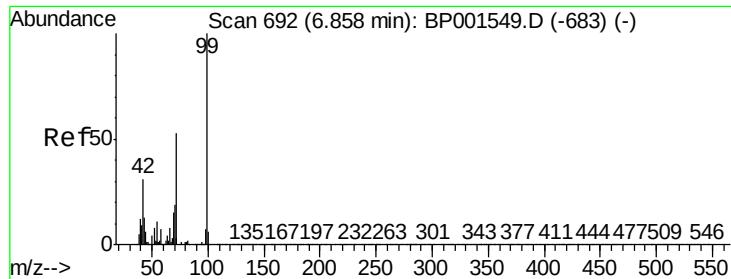


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 94.828 ng

RT: 6.86 min Scan# 692

Delta R.T. 0.00 min

Lab File: BP001586.D

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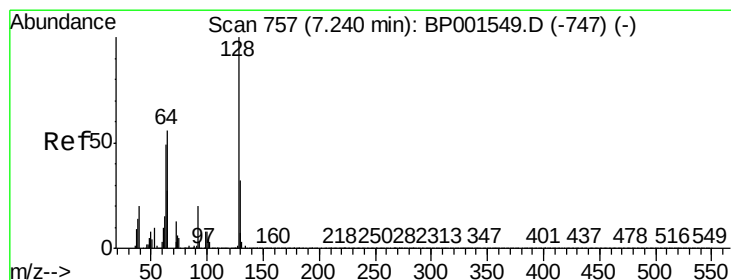
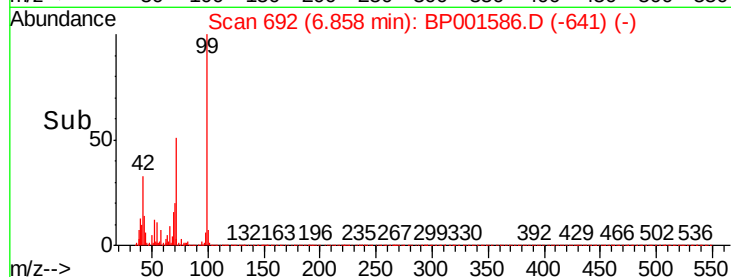
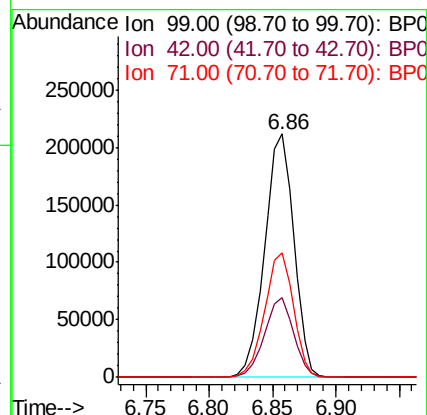
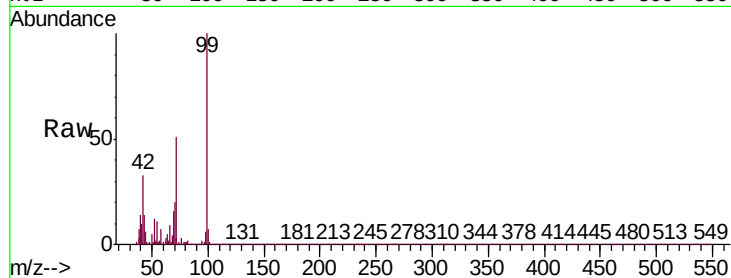
Tgt Ion: 99 Resp: 339646

Ion Ratio Lower Upper

99 100

42 32.7 24.5 36.7

71 51.2 42.4 63.6



#8

2-Chlorophenol

Concen: 42.251 ng

RT: 7.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

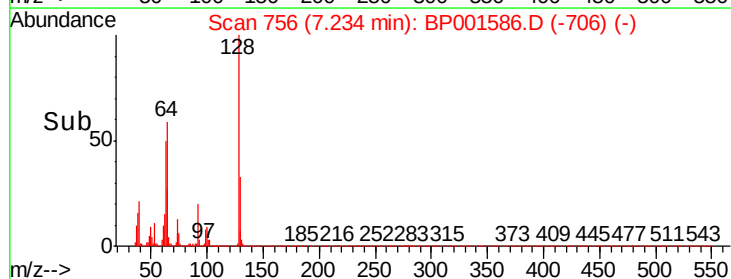
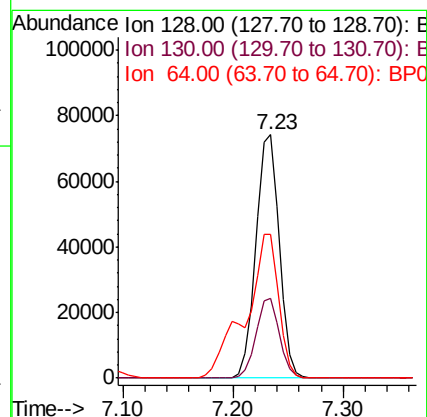
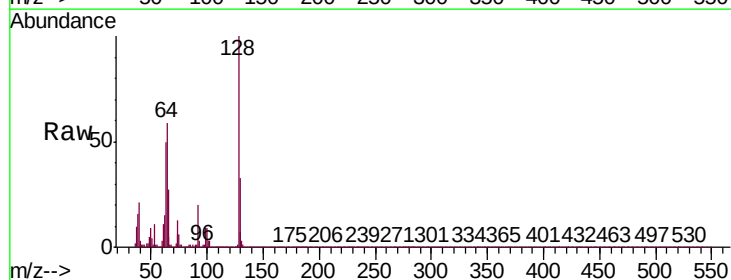
Tgt Ion: 128 Resp: 110546

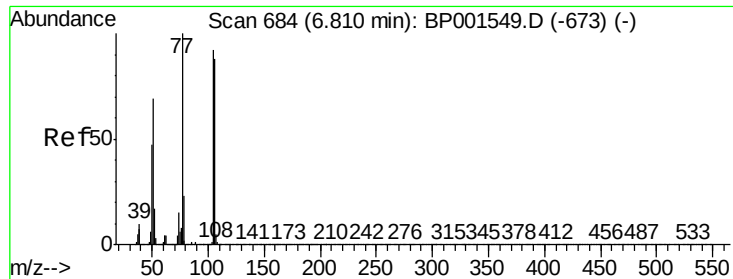
Ion Ratio Lower Upper

128 100

130 32.6 11.8 51.8

64 59.3 37.2 77.2





#9

Benzaldehyde

Concen: 35.382 ng

RT: 6.80 min Scan# 682

Delta R.T. -0.01 min

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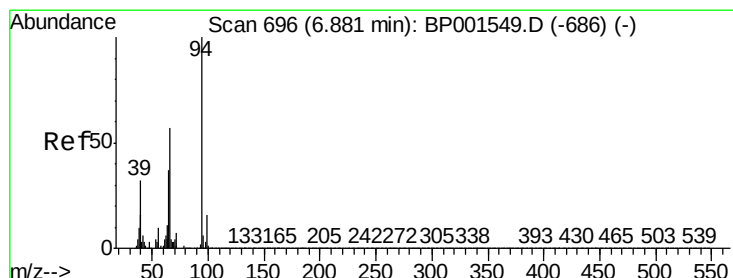
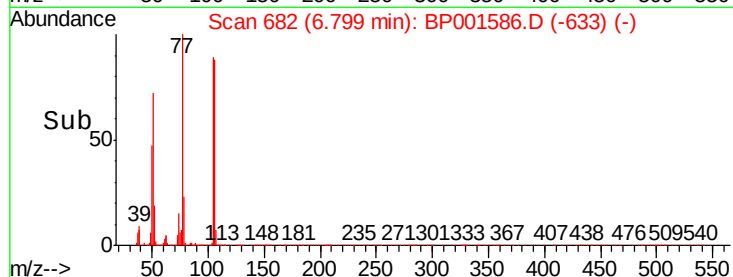
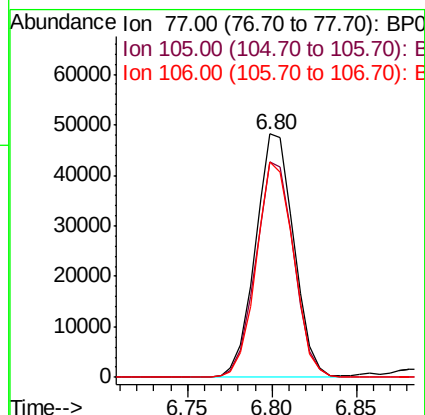
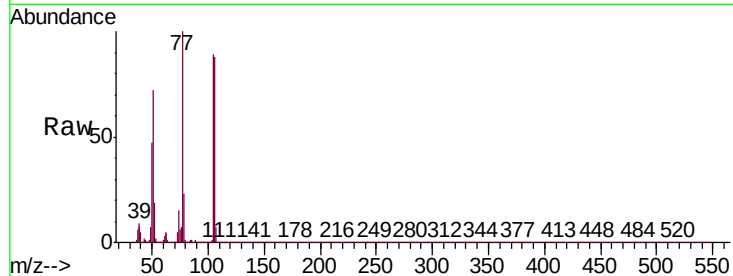
Tgt Ion: 77 Resp: 75695

Ion Ratio Lower Upper

77 100

105 88.6 71.6 111.6

106 88.4 67.7 107.7



#10

Phenol

Concen: 42.201 ng

RT: 6.88 min Scan# 696

Delta R.T. 0.00 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

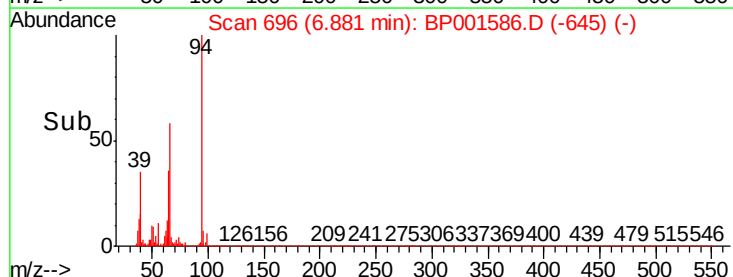
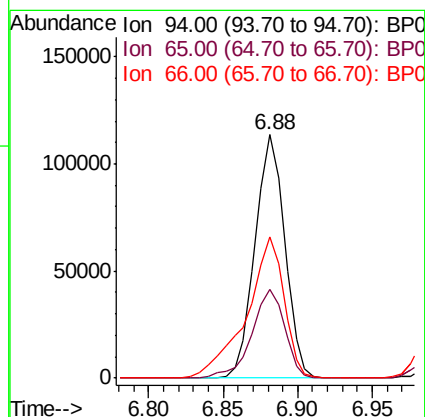
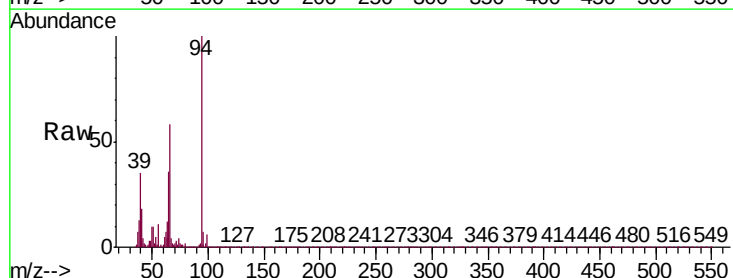
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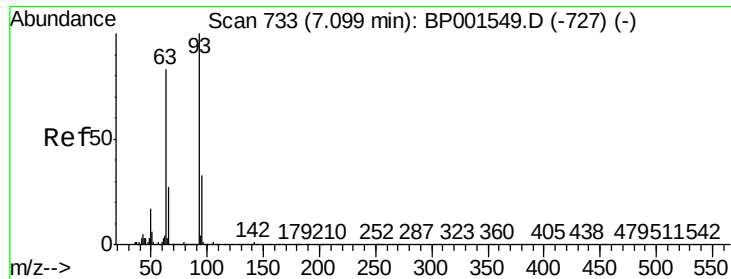
Ion Ratio Lower Upper

94 100

65 36.4 17.5 57.5

66 58.0 36.7 76.7

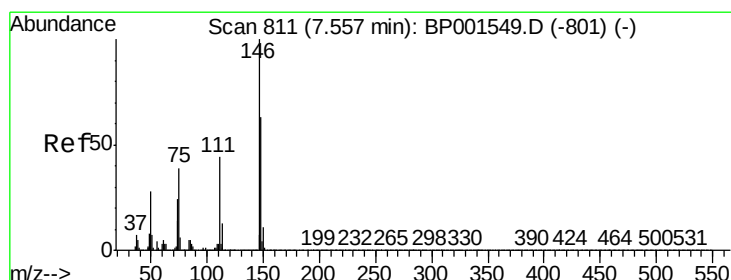
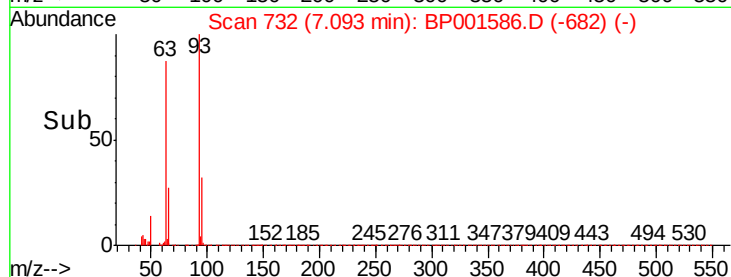
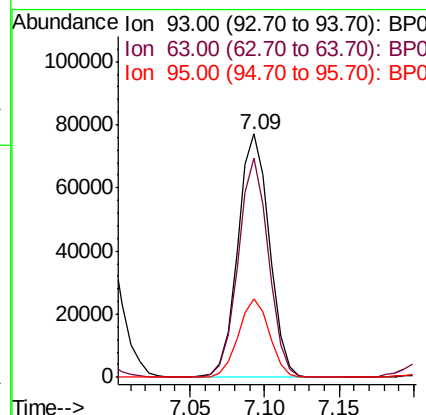
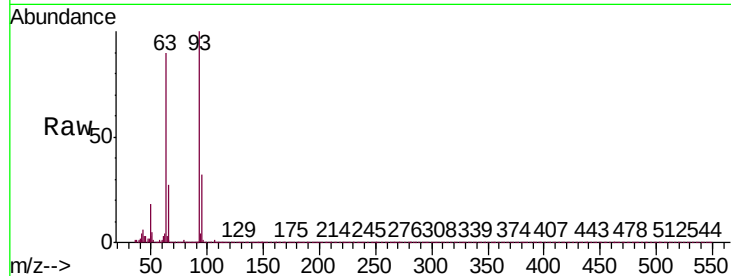




#11
bis(2-Chloroethyl)ether
Concen: 39.113 ng
RT: 7.09 min Scan# 732
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

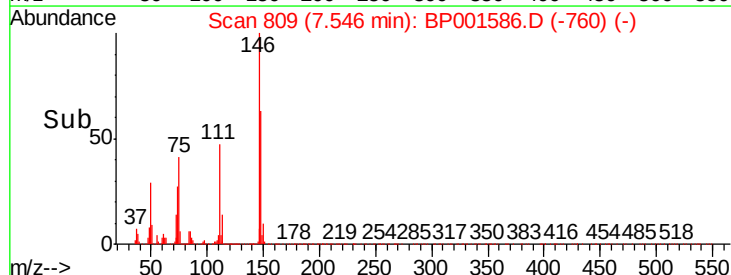
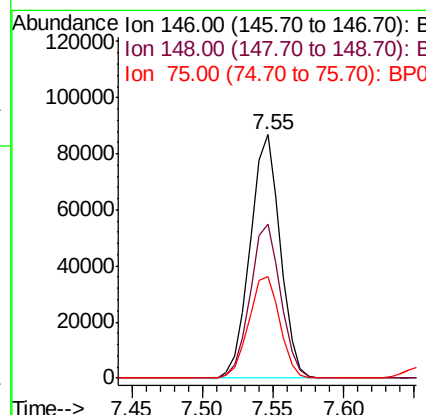
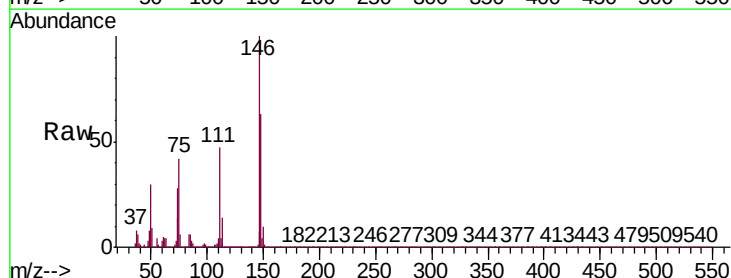
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

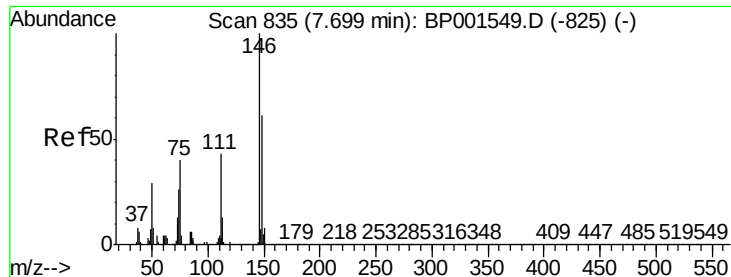
Tgt Ion	Ratio	Lower	Upper
93	100		
63	89.8	63.2	103.2
95	32.1	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 39.538 ng
RT: 7.55 min Scan# 809
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.2	75.2
75	41.7	31.1	46.7

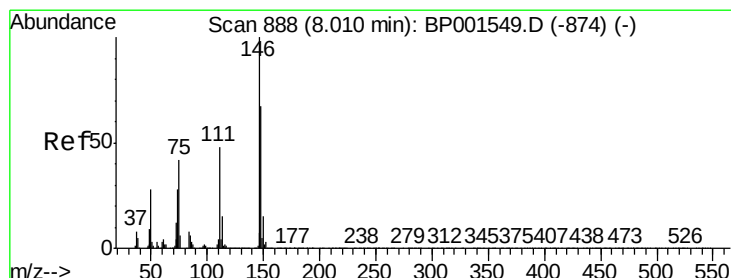
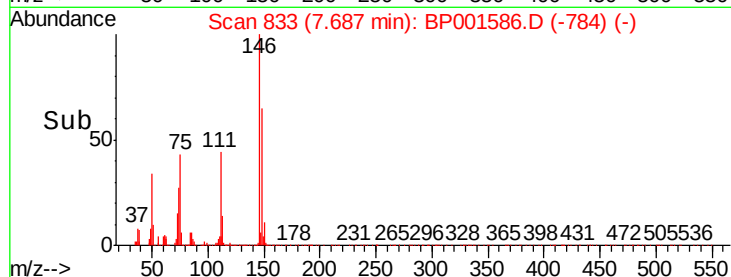
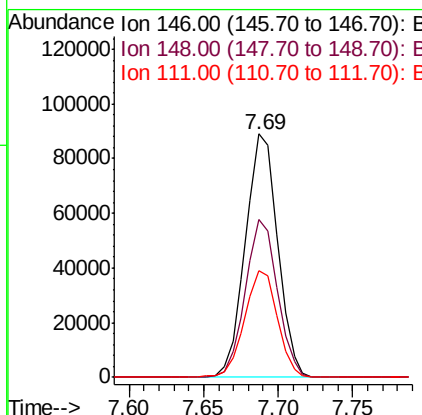
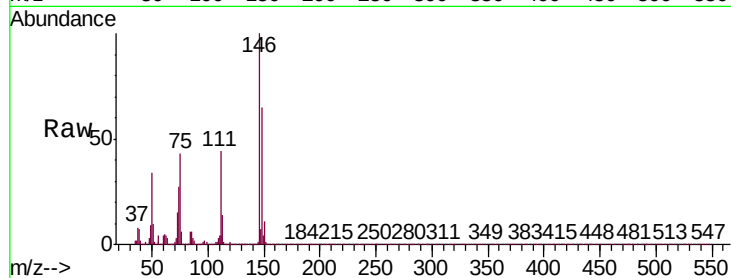




#13
 1,4-Dichlorobenzene
 Concen: 39.207 ng
 RT: 7.69 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BP001586.D
 Acq: 09 Jan 2020 19:05

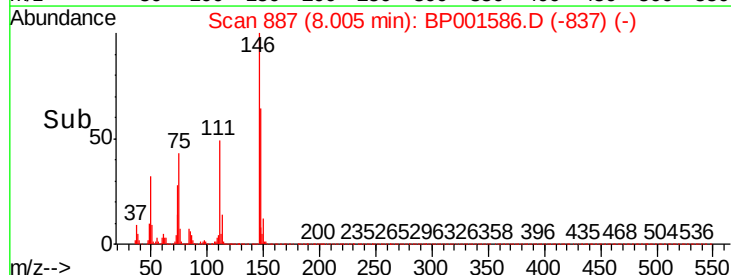
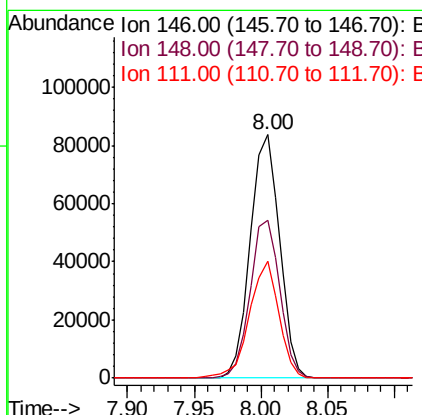
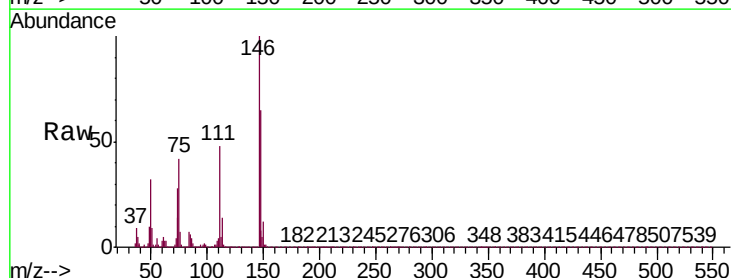
Instrument :
 BNA_P
 ClientSampleId :
 TP-1MSD

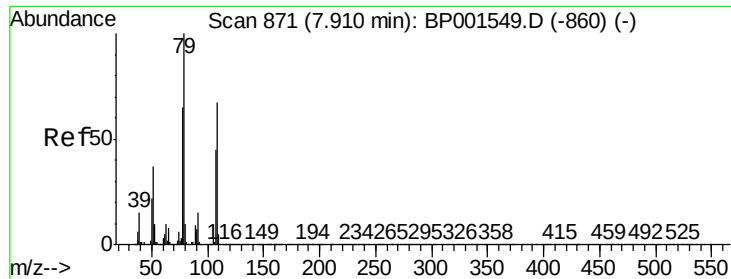
Tgt Ion:146 Resp: 133333
 Ion Ratio Lower Upper
 146 100
 148 64.8 48.6 73.0
 111 43.7 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 38.561 ng
 RT: 8.00 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BP001586.D
 Acq: 09 Jan 2020 19:05

Tgt Ion:146 Resp: 126731
 Ion Ratio Lower Upper
 146 100
 148 64.8 53.9 80.9
 111 47.9 38.2 57.4

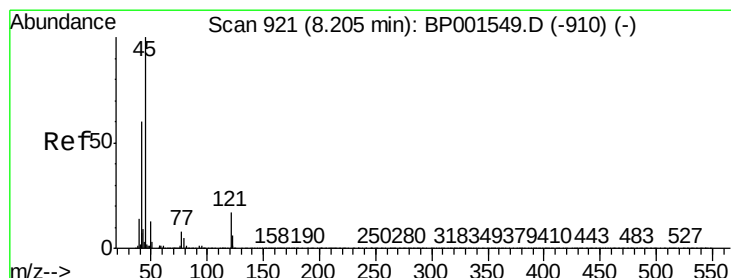
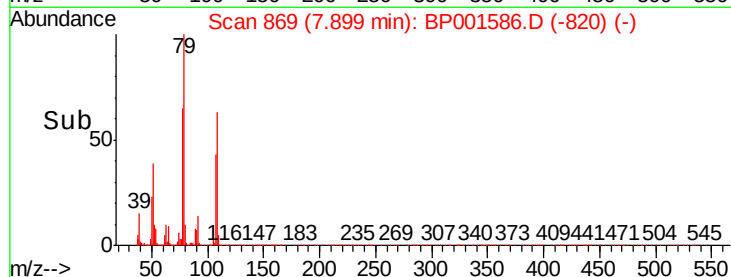
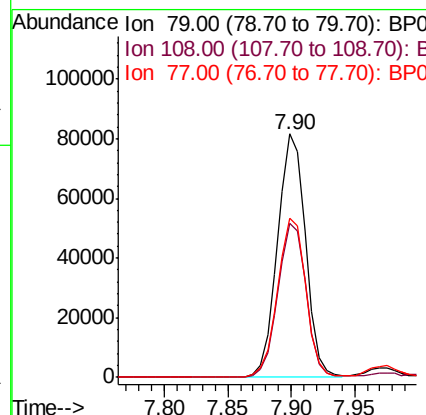
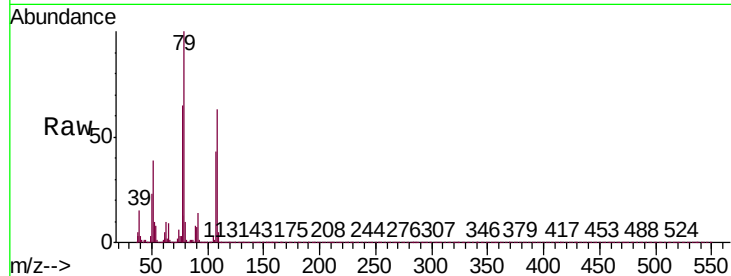




#15
Benzyl Alcohol
Concen: 37.211 ng
RT: 7.90 min Scan# 869
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

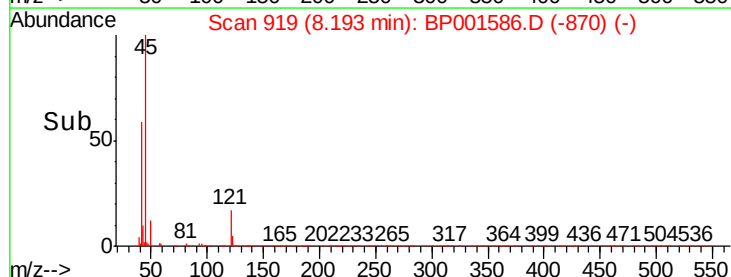
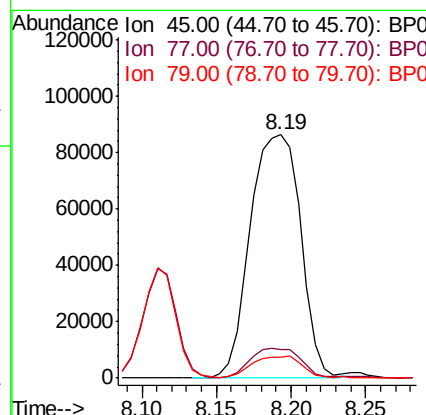
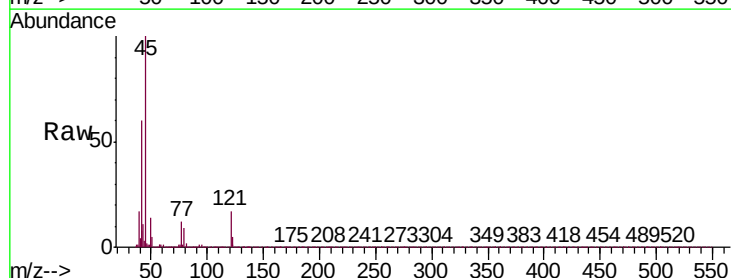
Instrument :
BNA_P
ClientSampled :
TP-1MSD

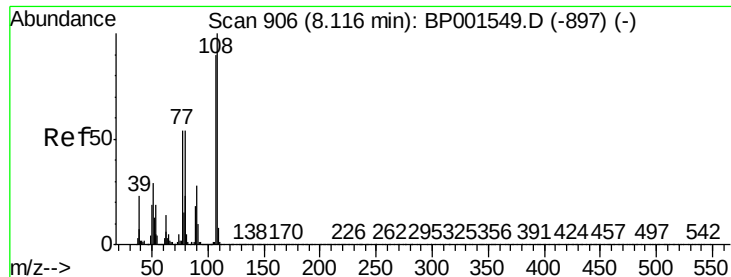
Tgt Ion	Ratio	Lower	Upper
79	100		
108	63.2	53.2	79.8
77	65.4	52.1	78.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.419 ng
RT: 8.19 min Scan# 919
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	32.6
79	8.8	0.0	29.3





#17

2-Methylphenol

Concen: 38.724 ng

RT: 8.11 min Scan# 905

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

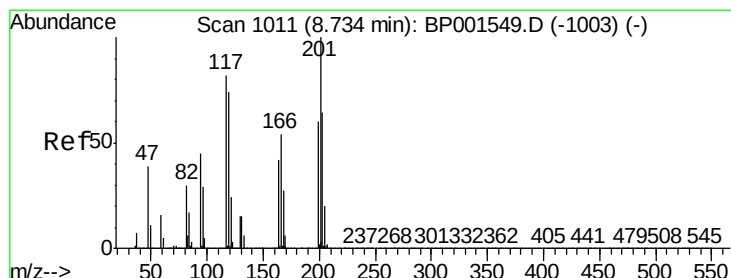
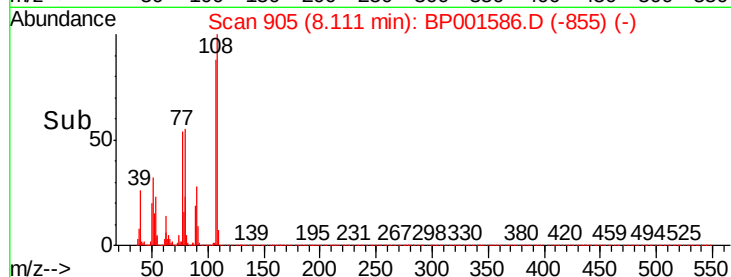
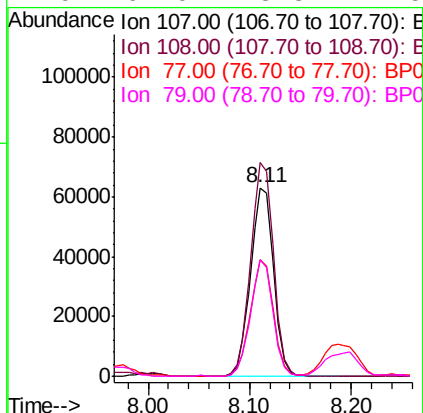
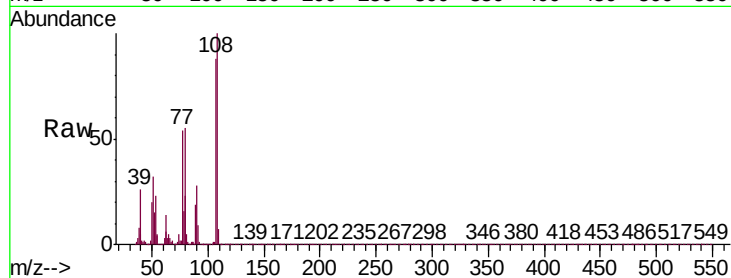
Instrument :

BNA_P

ClientSampleId :

TP-1MSD

Tgt Ion:	107	Resp:	99617
Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.2	133.8
77	61.6	47.9	71.9
79	62.0	48.3	72.5



#18

Hexachloroethane

Concen: 38.199 ng

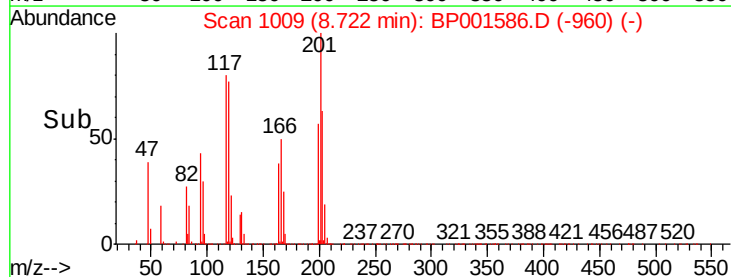
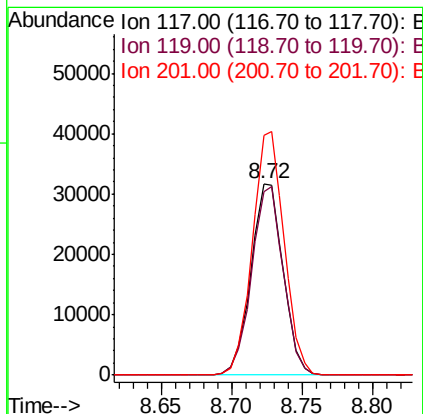
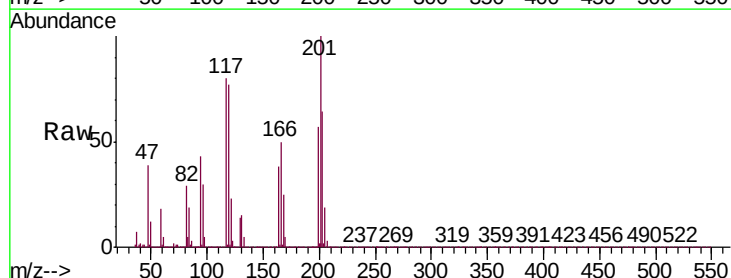
RT: 8.72 min Scan# 1009

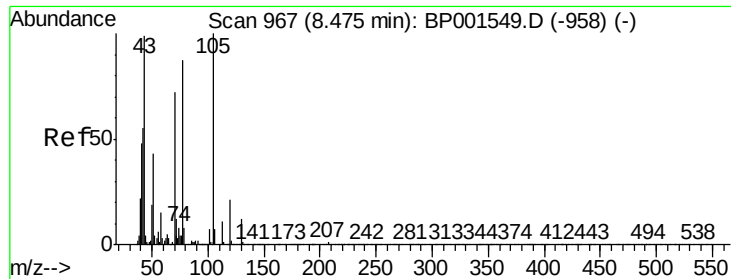
Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

Tgt Ion:	117	Resp:	50713
Ion	Ratio	Lower	Upper
117	100		
119	96.1	71.8	107.8
201	125.4	97.6	146.4

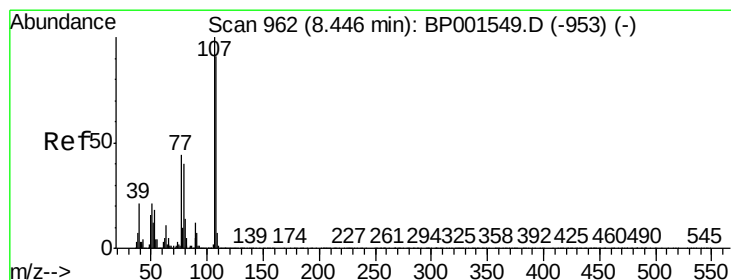
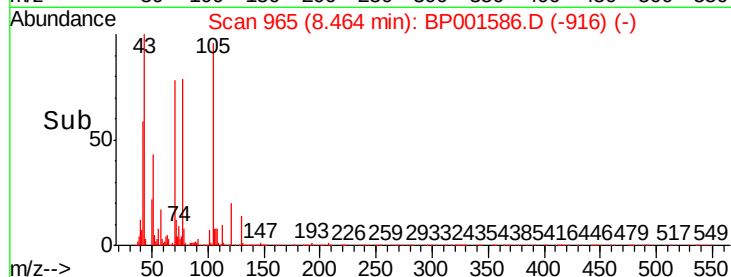
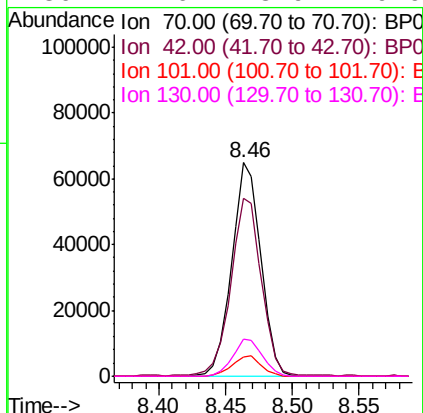
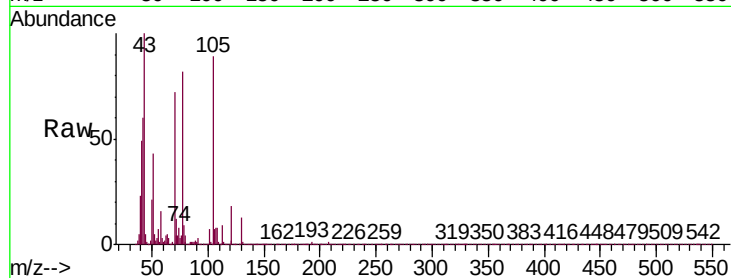




#19
n-Nitroso-di-n-propylamine
Concen: 36.056 ng
RT: 8.46 min Scan# 965
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

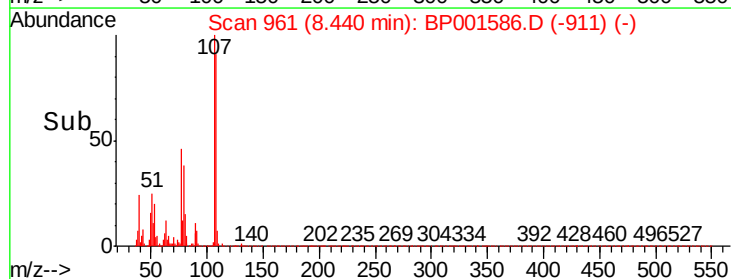
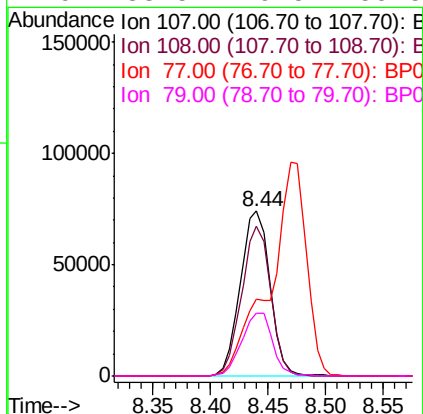
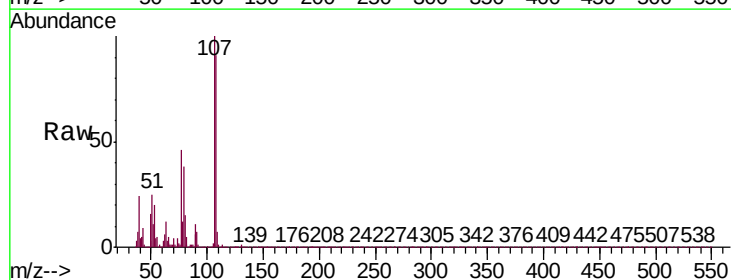
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

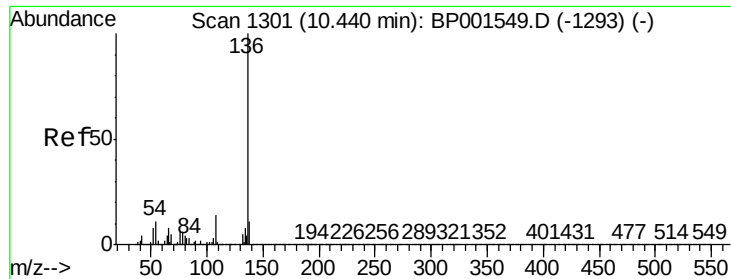
Tgt Ion:	70	Resp:	98458
Ion	Ratio	Lower	Upper
70	100		
42	83.1	62.3	93.5
101	9.1	7.3	10.9
130	17.6	13.9	20.9



#20
3+4-Methylphenols
Concen: 36.914 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion:	107	Resp:	132828
Ion	Ratio	Lower	Upper
107	100		
108	91.2	71.2	111.2
77	46.4	24.4	64.4
79	38.5	19.5	59.5

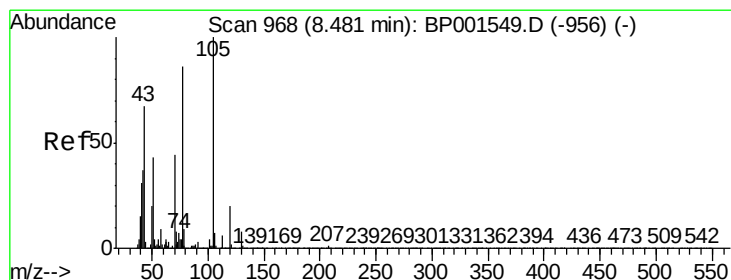
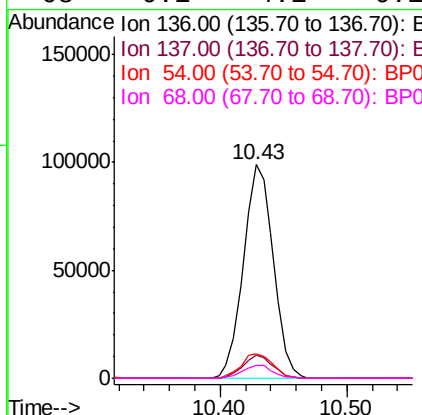
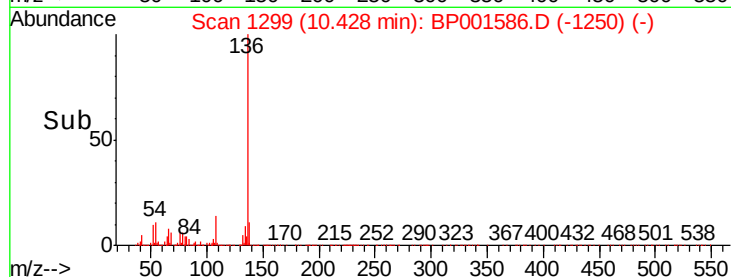
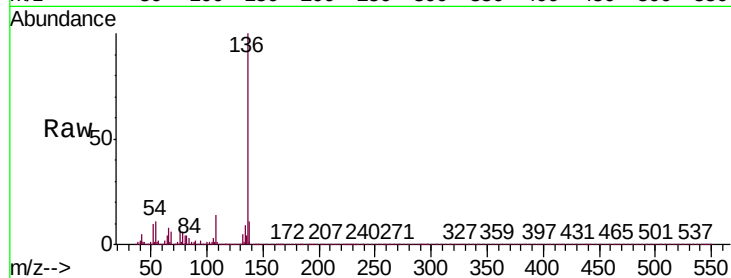




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

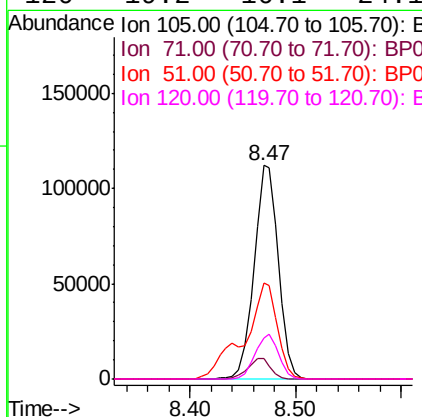
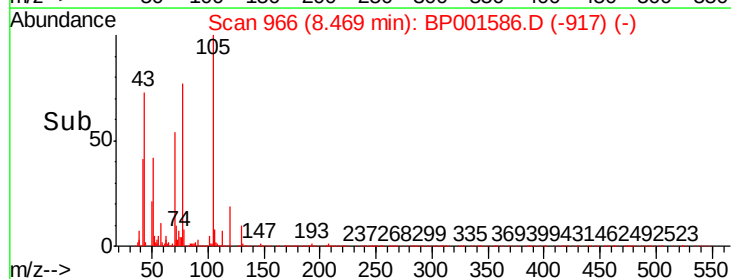
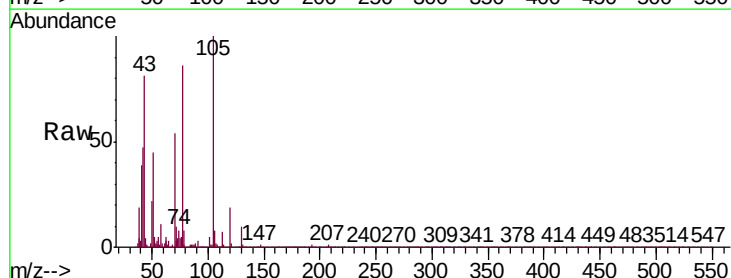
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

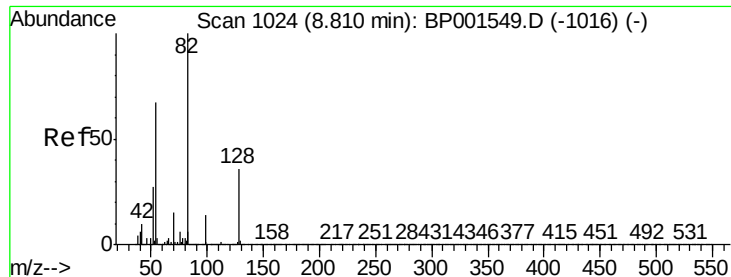
Tgt Ion:	136	Resp:	161770
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	11.2	9.2	13.8
68	6.1	4.1	6.1#



#22
Acetophenone
Concen: 39.717 ng
RT: 8.47 min Scan# 966
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion:	105	Resp:	180109
Ion	Ratio	Lower	Upper
105	100		
71	9.8	6.6	10.0
51	44.8	34.1	51.1
120	19.2	16.1	24.1

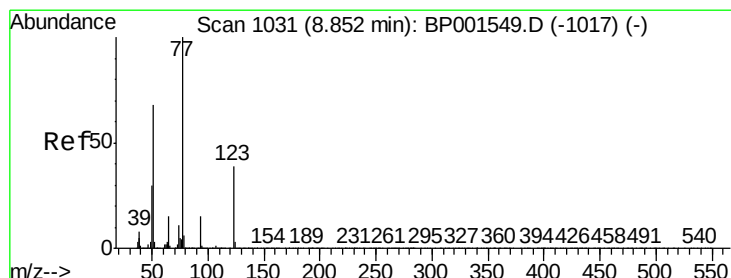
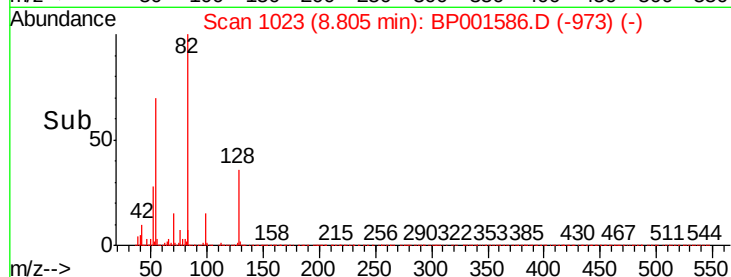
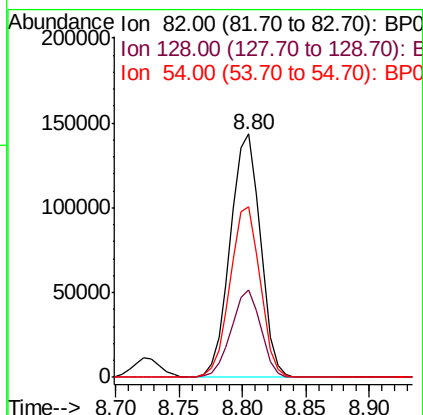
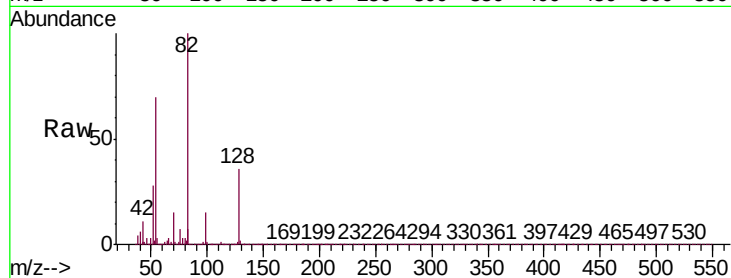




#23
 Nitrobenzene-d5
 Concen: 63.806 ng
 RT: 8.80 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BP001586.D
 Acq: 09 Jan 2020 19:05

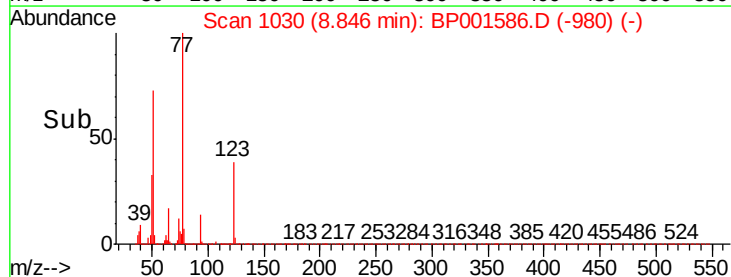
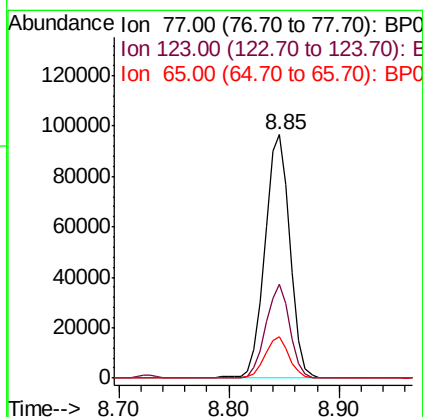
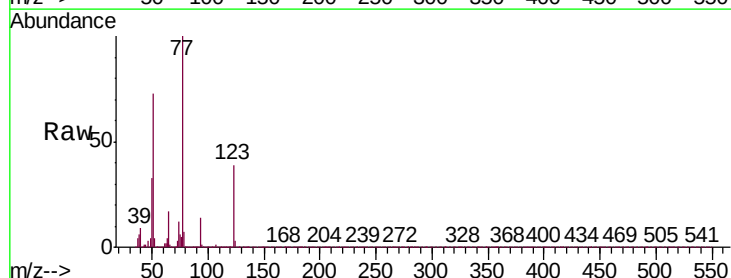
Instrument :
 BNA_P
 ClientSampleId :
 TP-1MSD

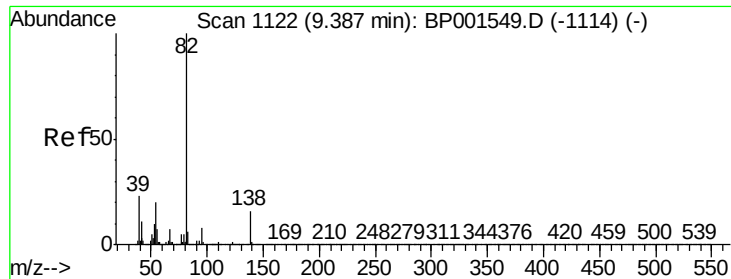
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.9	28.4	42.6
54	70.0	53.4	80.2



#24
 Nitrobenzene
 Concen: 40.686 ng
 RT: 8.85 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BP001586.D
 Acq: 09 Jan 2020 19:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.7	31.1	46.7
65	17.3	12.4	18.6

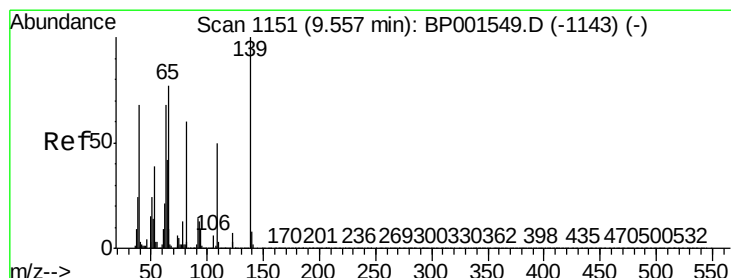
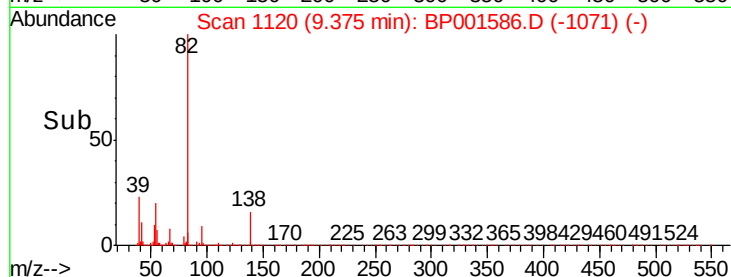
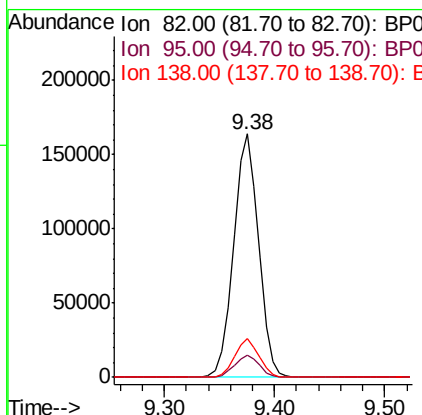
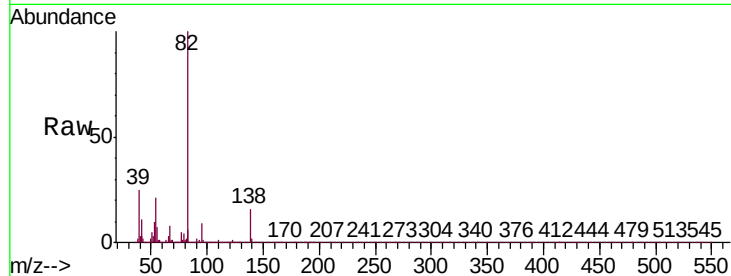




#25
Isophorone
Concen: 39.167 ng
RT: 9.38 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

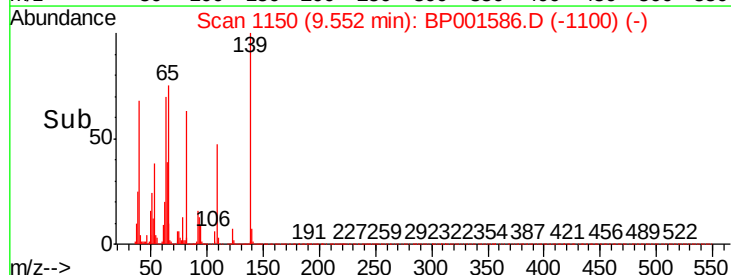
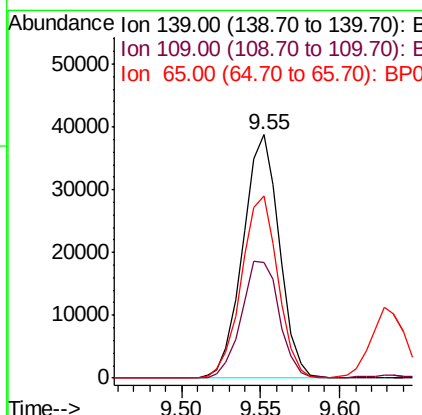
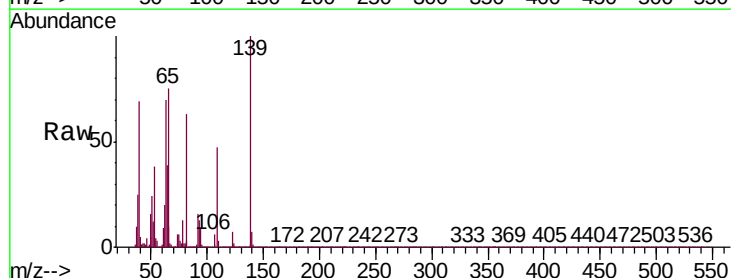
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

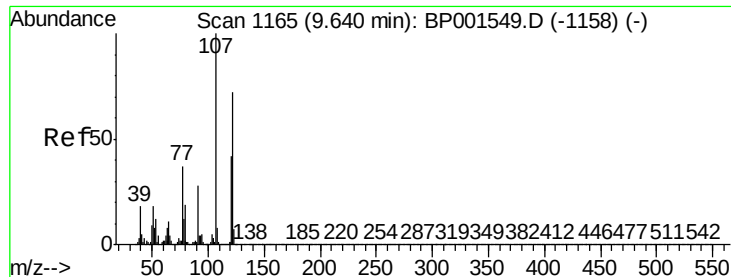
Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.0	6.7	10.1
138	15.9	12.5	18.7



#26
2-Nitrophenol
Concen: 43.537 ng
RT: 9.55 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	47.5	39.6	59.4
65	74.7	61.3	91.9

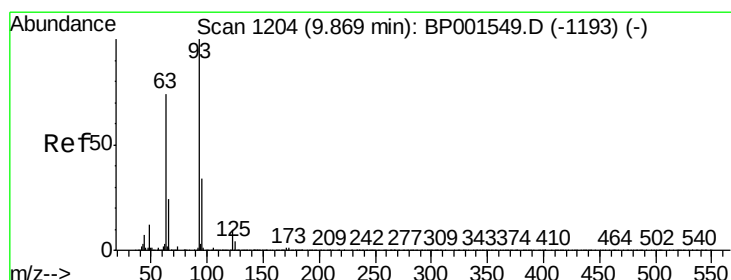
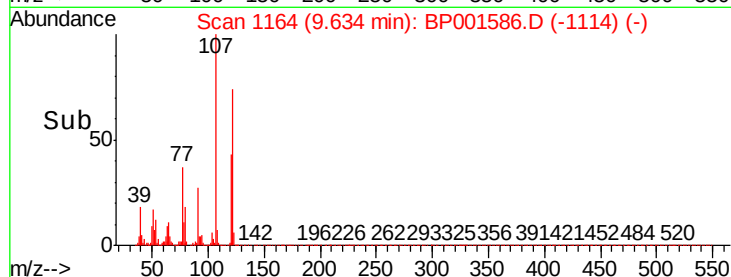
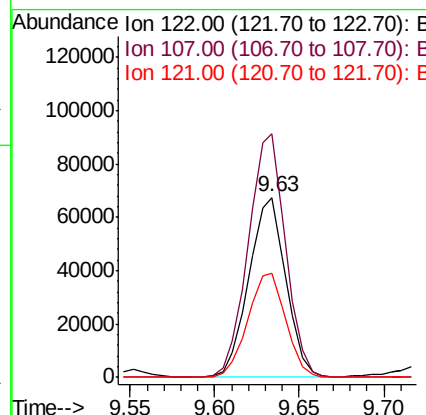
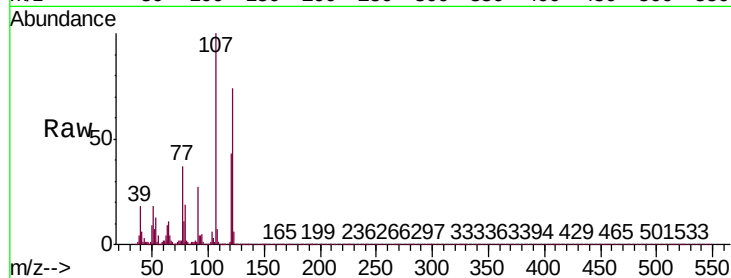




#27
2,4-Dimethylphenol
Concen: 48.714 ng
RT: 9.63 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

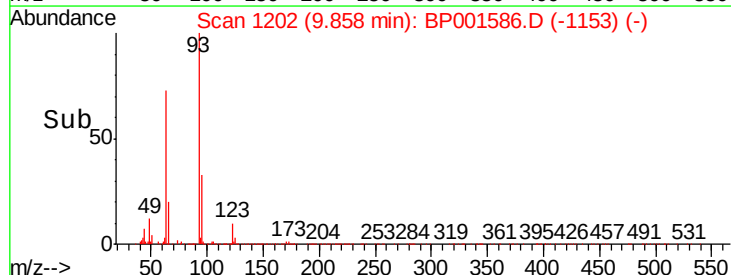
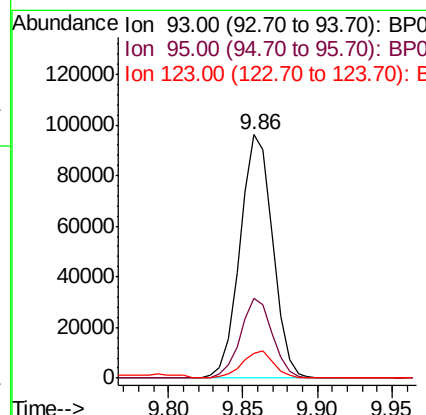
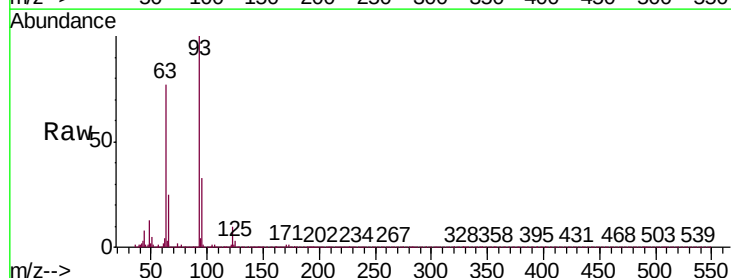
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

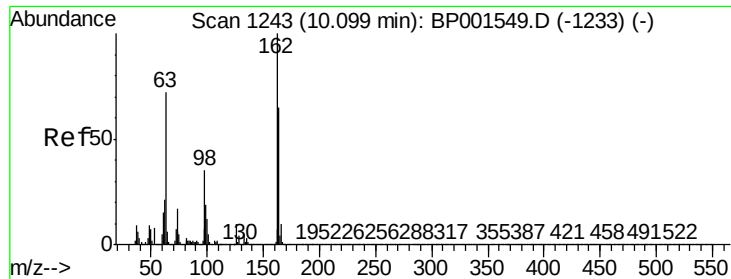
Tgt Ion	Ratio	Lower	Upper
122	100		
107	135.3	111.8	167.6
121	57.5	47.4	71.0



#28
bis(2-Chloroethoxy)methane
Concen: 37.587 ng
RT: 9.86 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.9	40.3
123	10.1	8.0	12.0

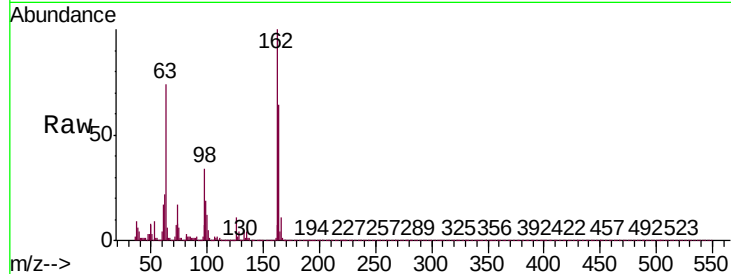




#29
2,4-Dichlorophenol
Concen: 40.738 ng
RT: 10.09 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Instrument :
BNA_P
ClientSampleId :
TP-1MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.9	84.9
98	33.5	14.9	54.9

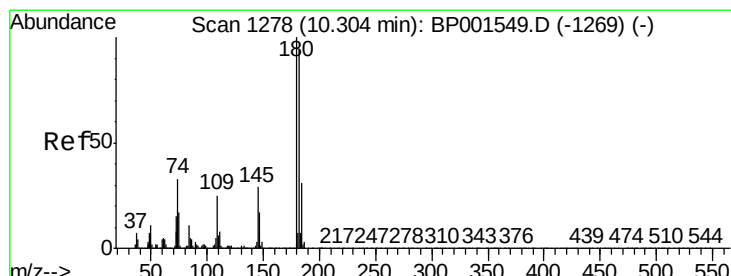
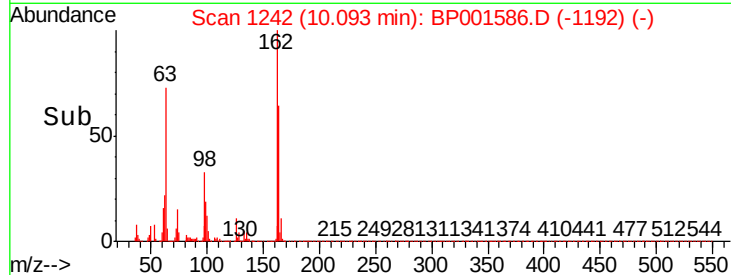
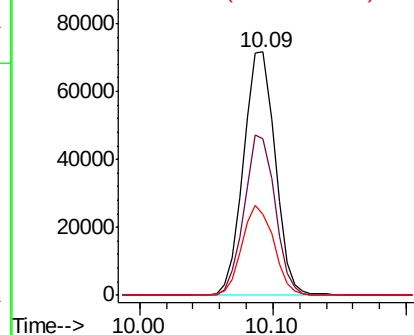


Abundance

Ion 162.00 (161.70 to 162.70): E

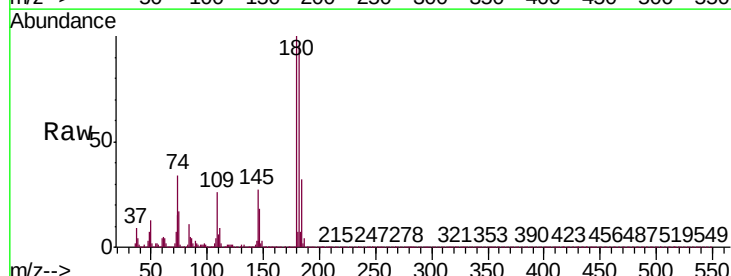
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30
1,2,4-Trichlorobenzene
Concen: 39.572 ng
RT: 10.30 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.2	112.8
145	27.0	22.9	34.3

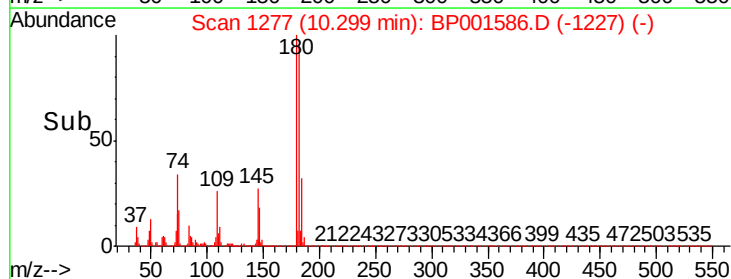
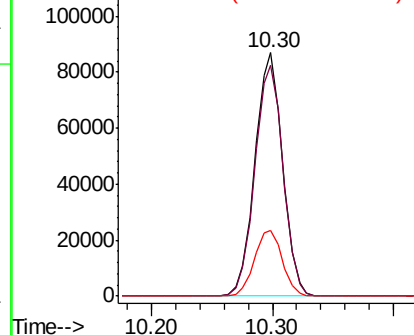


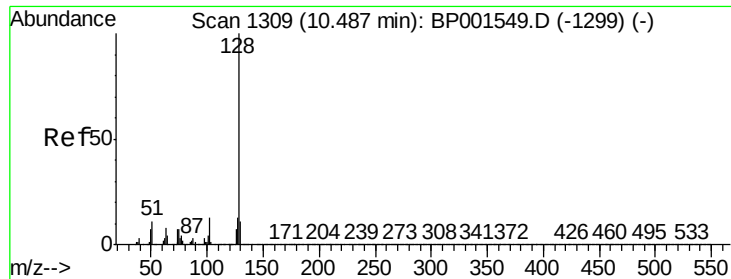
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

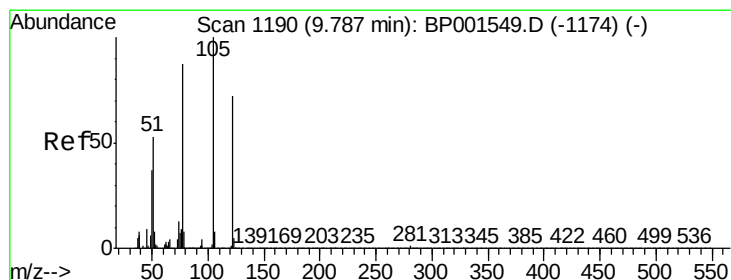
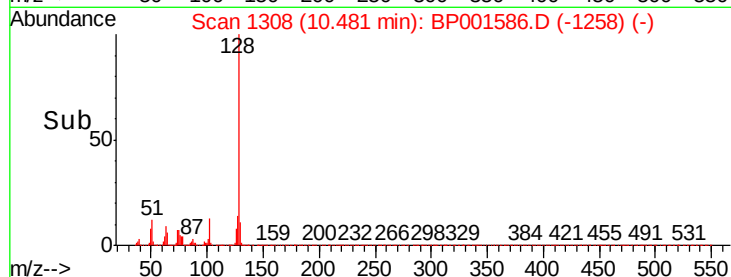
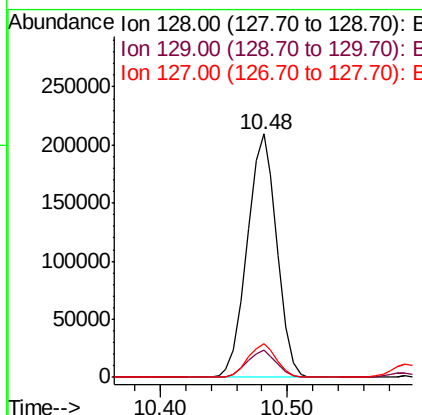
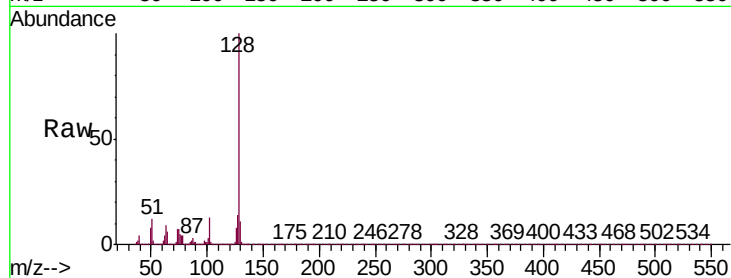




#31
Naphthalene
Concen: 39.802 ng
RT: 10.48 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

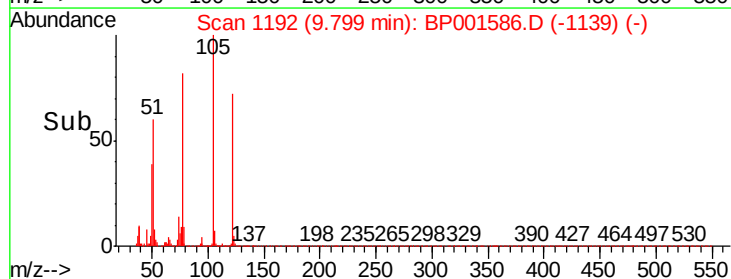
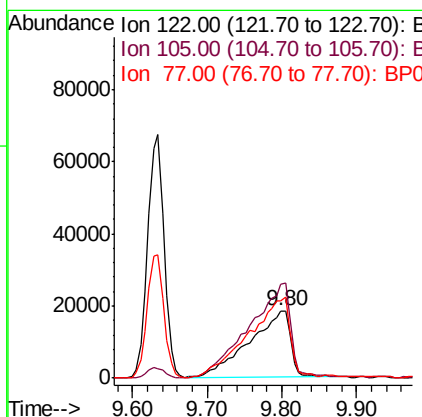
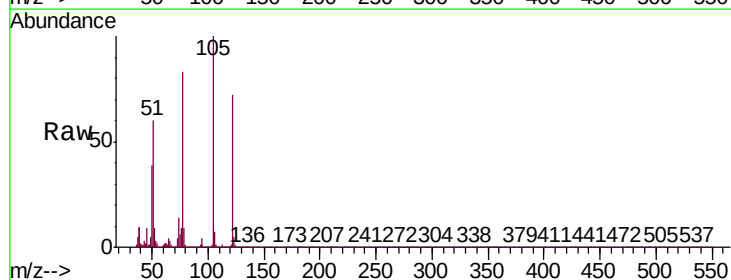
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

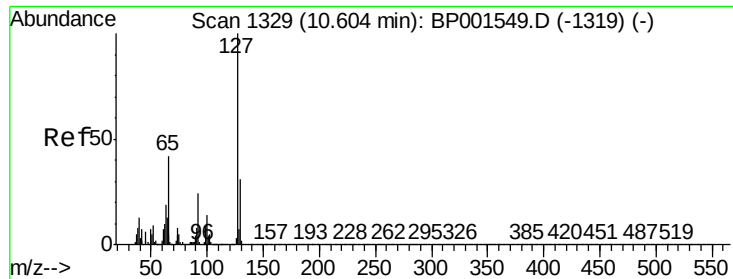
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.7	10.6	16.0



#32
Benzoic acid
Concen: 38.147 ng
RT: 9.80 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.4	119.5	159.5
77	115.1	102.8	142.8

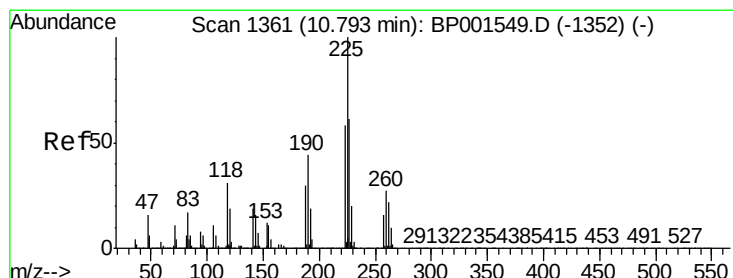
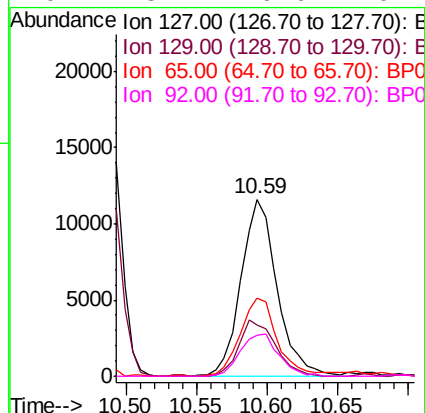
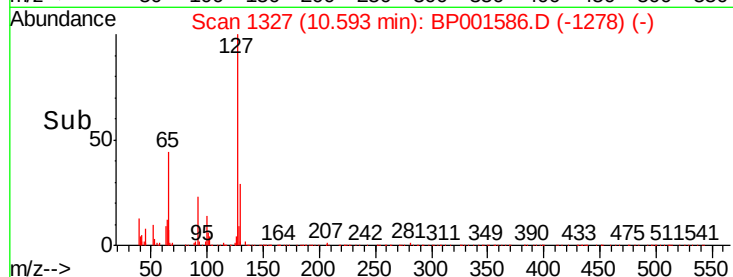
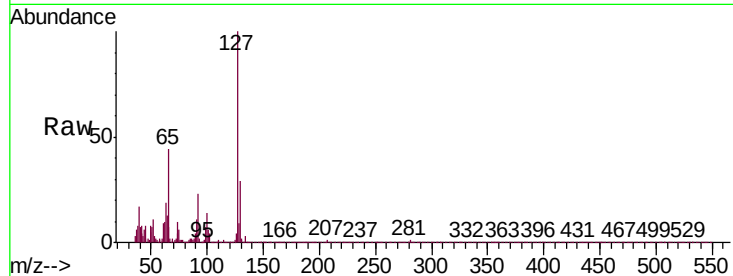




#33
4-Chloroaniline
Concen: 5.260 ng
RT: 10.59 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

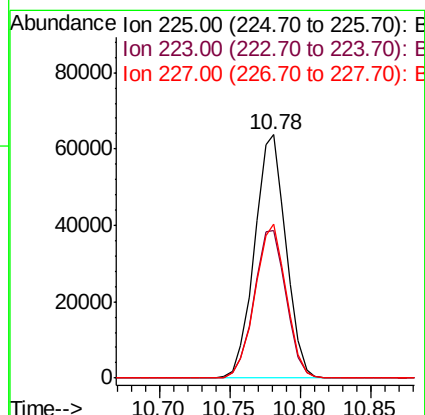
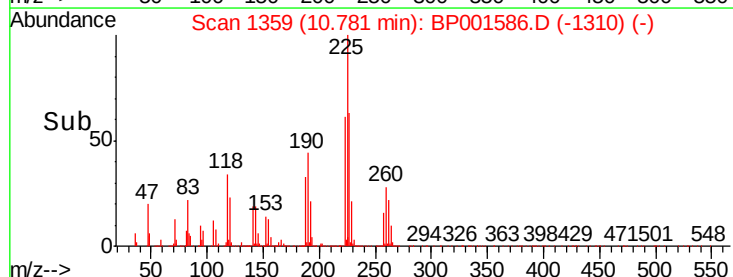
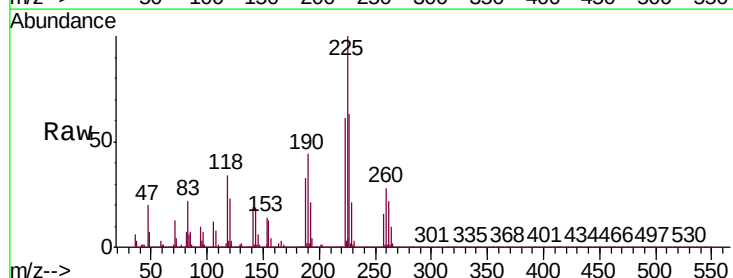
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

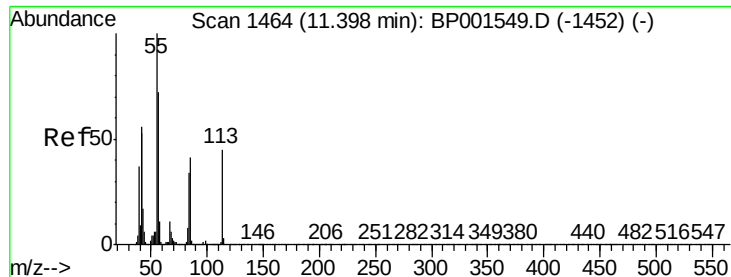
Tgt Ion:	127	Resp:	20676
Ion	Ratio	Lower	Upper
127	100		
129	29.1	24.9	37.3
65	44.1	33.3	49.9
92	23.1	19.6	29.4



#34
Hexachlorobutadiene
Concen: 40.177 ng
RT: 10.78 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion:	225	Resp:	99375
Ion	Ratio	Lower	Upper
225	100		
223	60.8	46.5	69.7
227	63.5	48.8	73.2

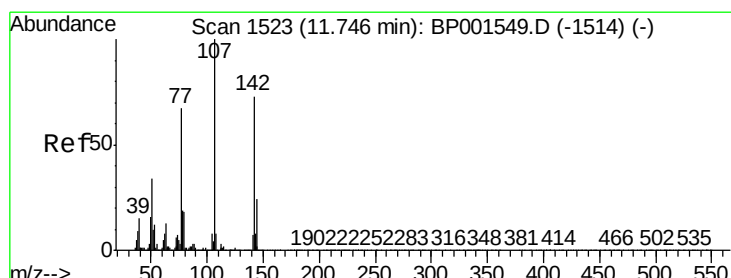
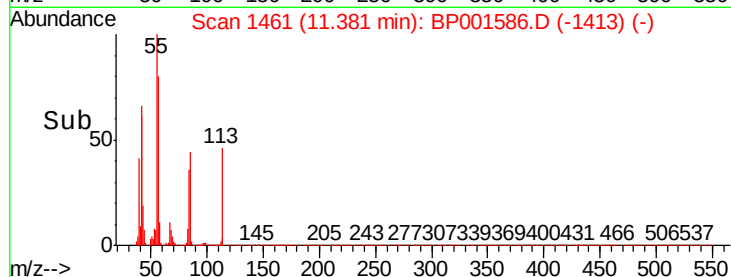
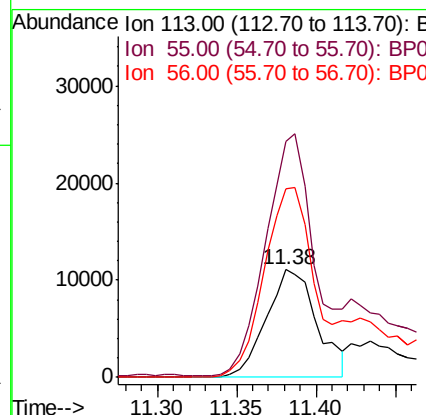
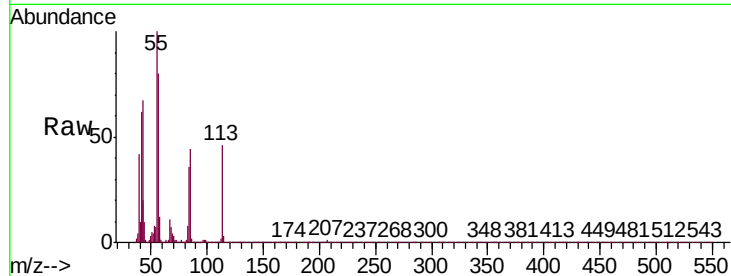




#35
 Caprolactam
 Concen: 23.462 ng
 RT: 11.38 min Scan# 1461
 Delta R.T. -0.02 min
 Lab File: BP001586.D
 Acq: 09 Jan 2020 19:05

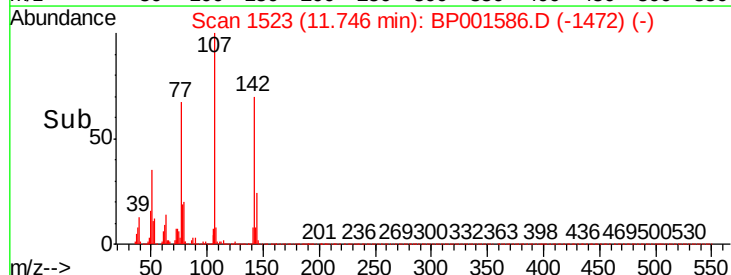
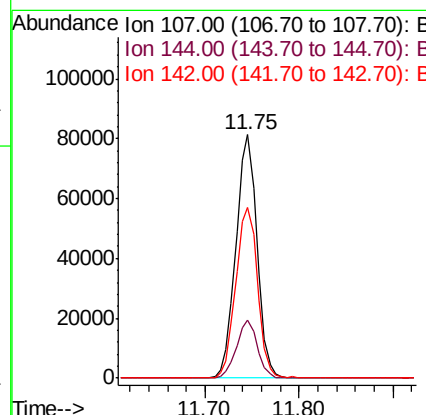
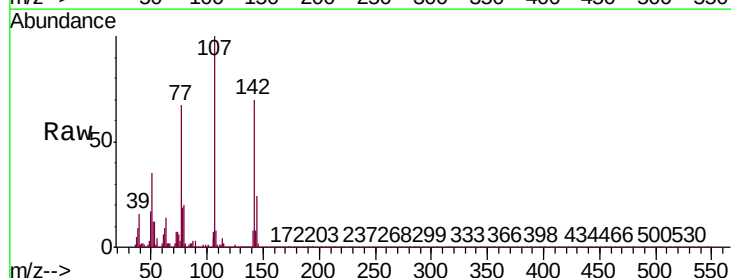
Instrument :
 BNA_P
 ClientSampleId :
 TP-1MSD

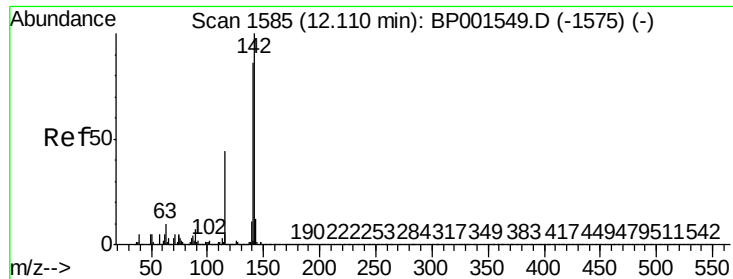
Tgt Ion:113 Resp: 24659
 Ion Ratio Lower Upper
 113 100
 55 218.5 202.7 242.7
 56 175.0 140.0 180.0



#36
 4-Chloro-3-methylphenol
 Concen: 36.659 ng
 RT: 11.75 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BP001586.D
 Acq: 09 Jan 2020 19:05

Tgt Ion:107 Resp: 127337
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.9 28.3
 142 70.3 58.0 87.0

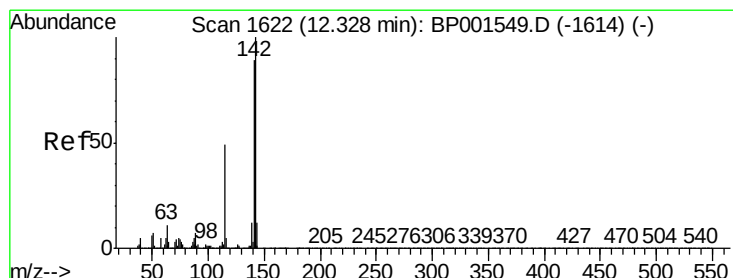
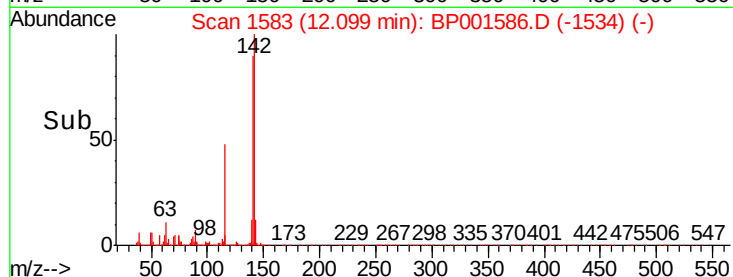
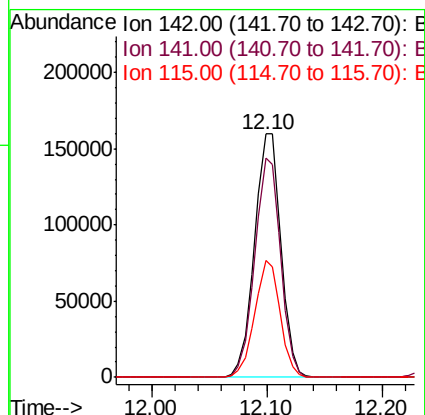
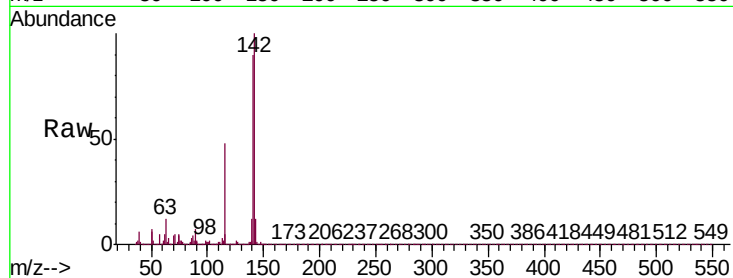




#37
2-Methylnaphthalene
Concen: 37.509 ng
RT: 12.10 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

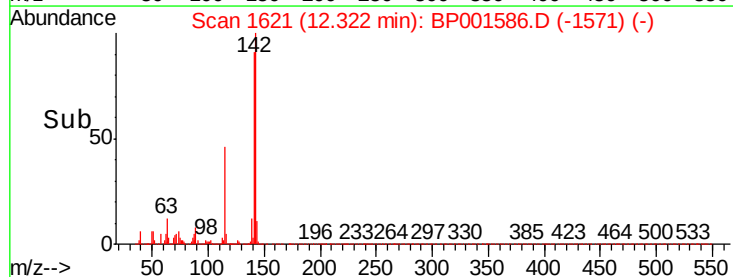
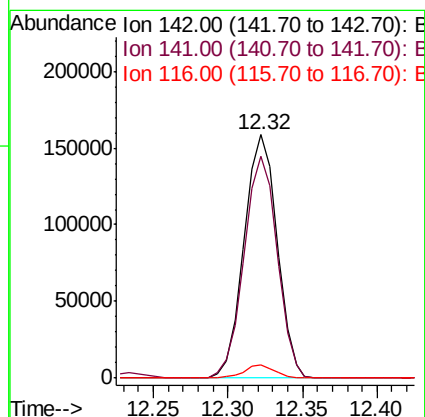
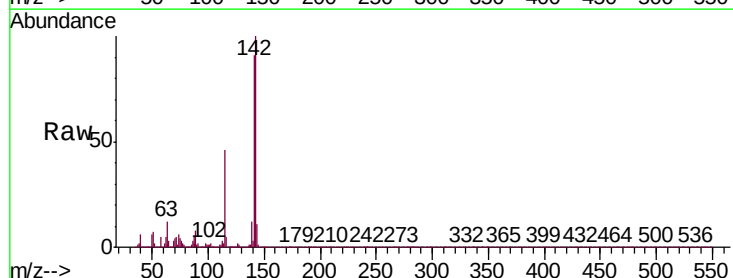
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

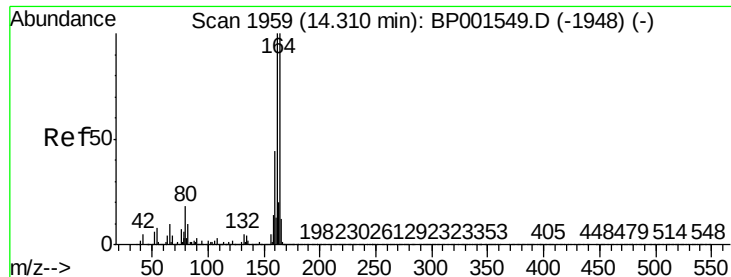
Tgt Ion:142 Resp: 255220
Ion Ratio Lower Upper
142 100
141 89.9 68.4 102.6
115 48.0 35.1 52.7



#38
1-Methylnaphthalene
Concen: 37.220 ng
RT: 12.32 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion:142 Resp: 243707
Ion Ratio Lower Upper
142 100
141 91.3 70.9 106.3
116 5.4 4.1 6.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

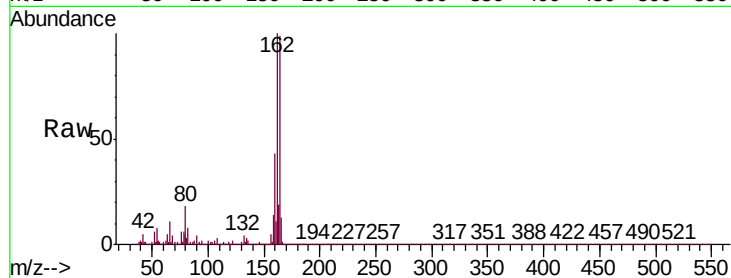
Tgt Ion:164 Resp: 111441

Ion Ratio Lower Upper

164 100

162 100.6 79.8 119.6

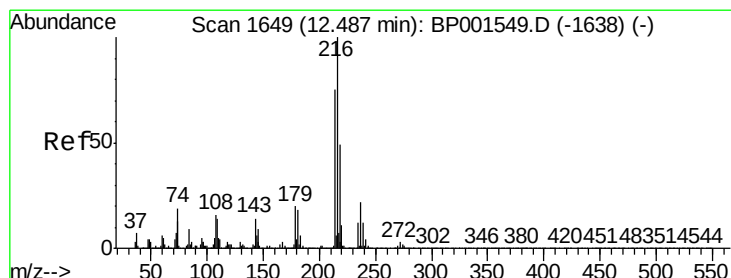
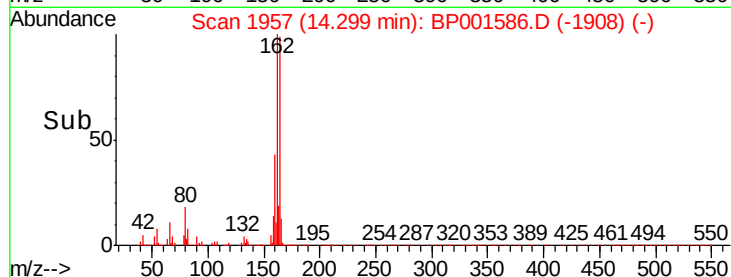
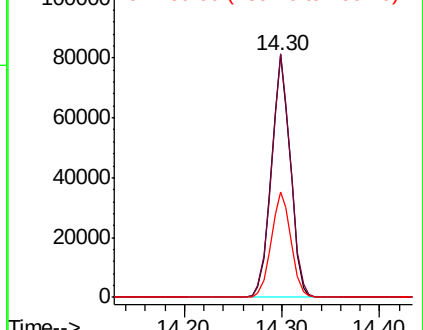
160 43.3 35.0 52.6



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.790 ng

RT: 12.48 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

Tgt Ion:216 Resp: 167168

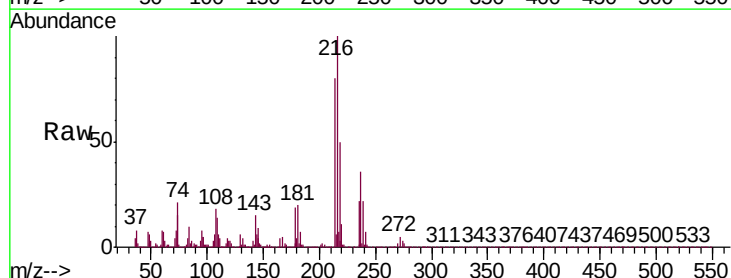
Ion Ratio Lower Upper

216 100

214 78.3 61.3 91.9

179 19.6 15.7 23.5

108 18.6 14.2 21.4

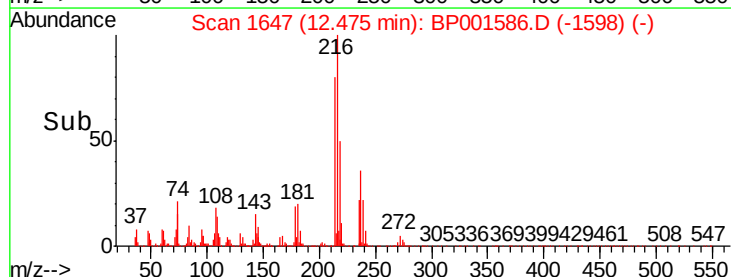
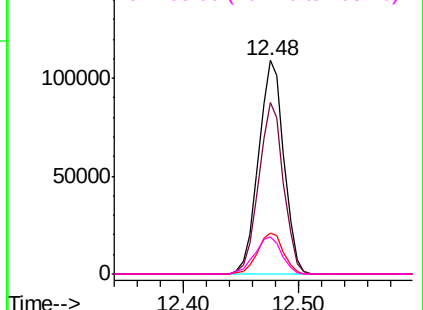


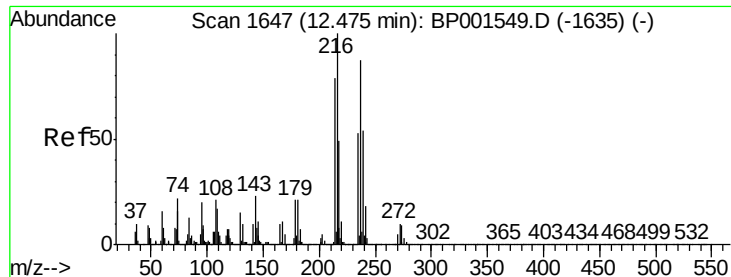
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 61.890 ng

RT: 12.46 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

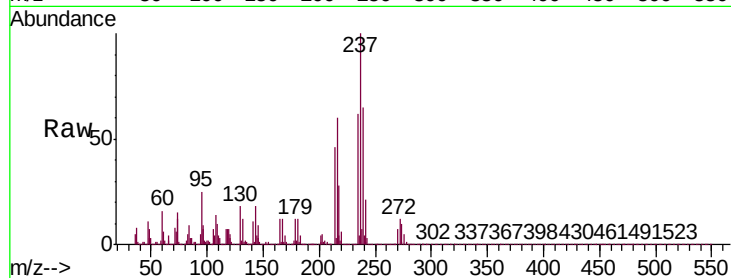
Tgt Ion: 237 Resp: 119845

Ion Ratio Lower Upper

237 100

235 62.4 41.6 81.6

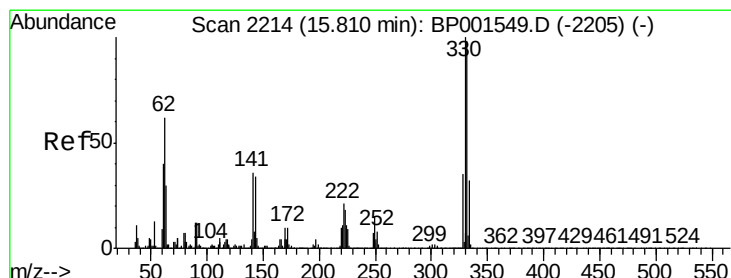
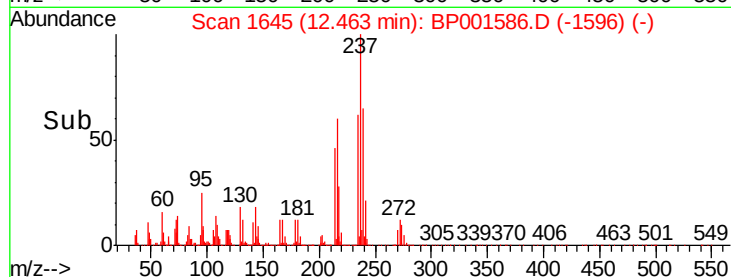
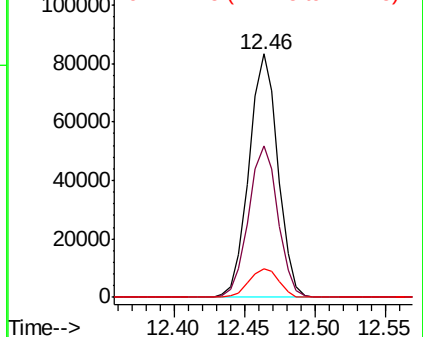
272 11.9 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 81.706 ng

RT: 15.80 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

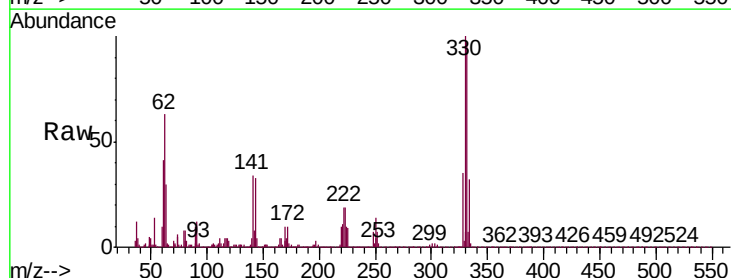
Tgt Ion: 330 Resp: 138602

Ion Ratio Lower Upper

330 100

332 98.2 77.8 116.6

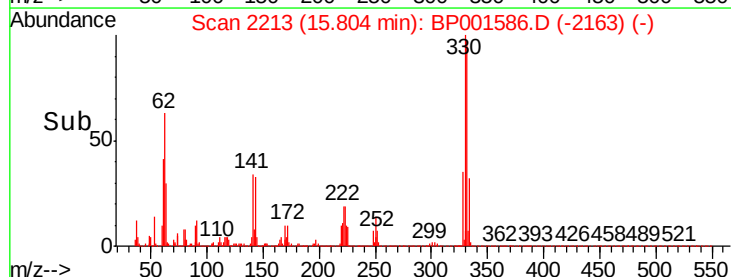
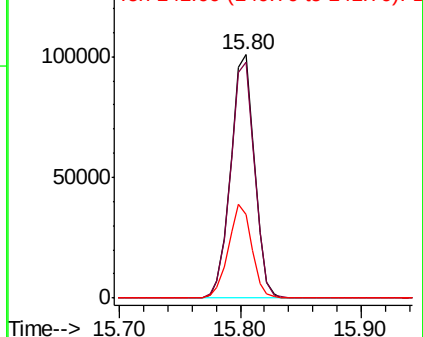
141 37.8 28.7 43.1

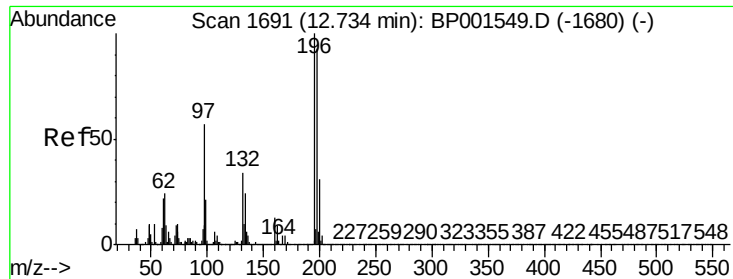


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

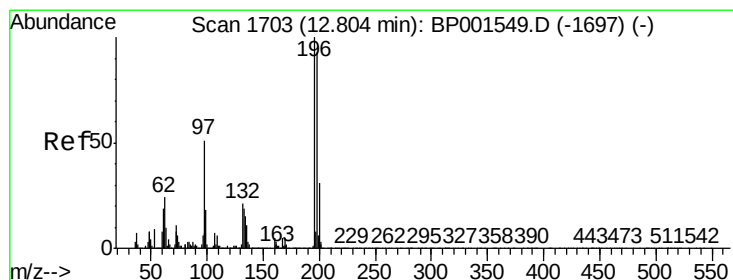
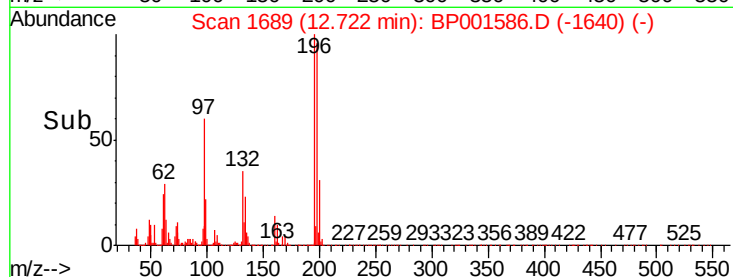
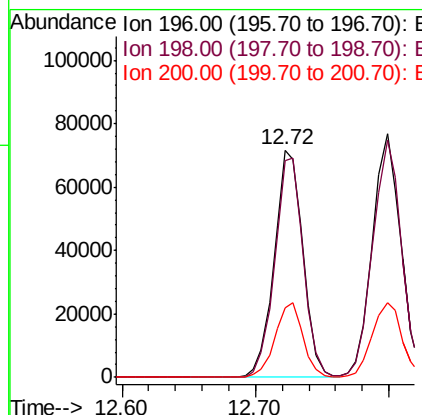
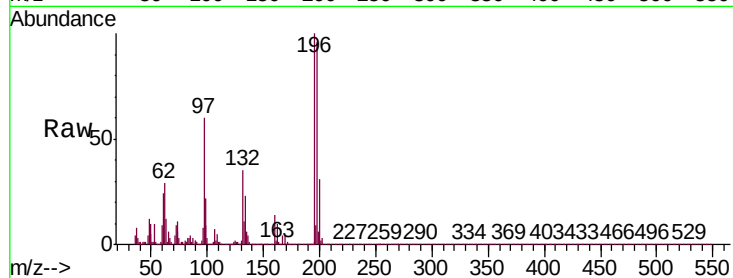




#43
 2,4,6-Trichlorophenol
 Concen: 43.542 ng
 RT: 12.72 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BP001586.D
 Acq: 09 Jan 2020 19:05

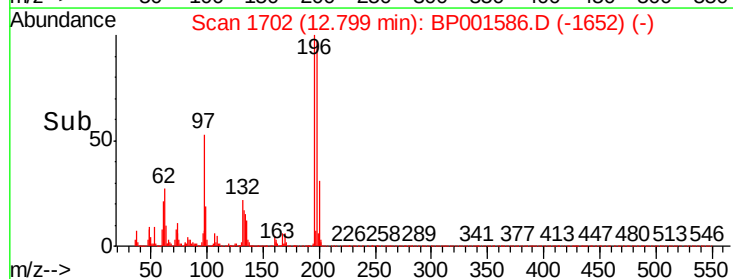
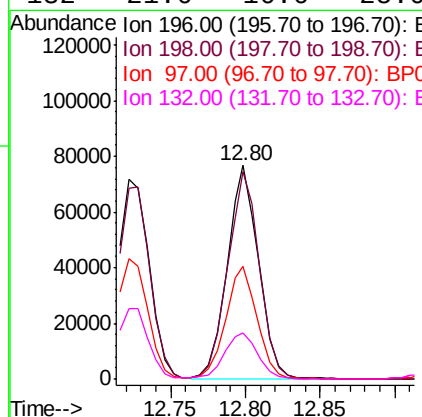
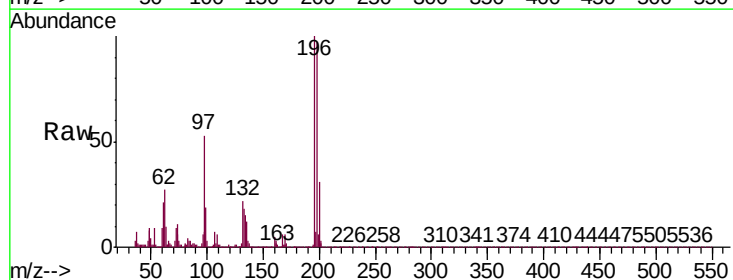
Instrument :
 BNA_P
 ClientSampleId :
 TP-1MSD

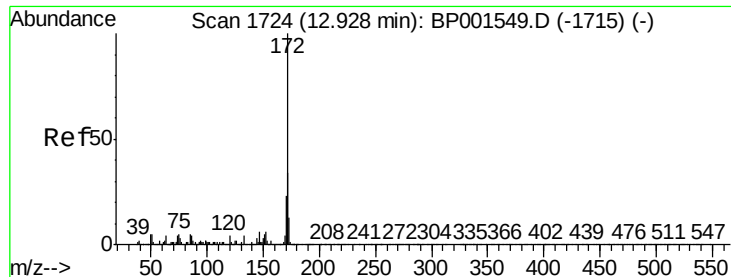
Tgt Ion:196 Resp: 107202
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.2 111.4
 200 30.6 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.967 ng
 RT: 12.80 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BP001586.D
 Acq: 09 Jan 2020 19:05

Tgt Ion:196 Resp: 112414
 Ion Ratio Lower Upper
 196 100
 198 97.3 74.6 111.8
 97 52.9 41.0 61.6
 132 21.6 16.6 25.0

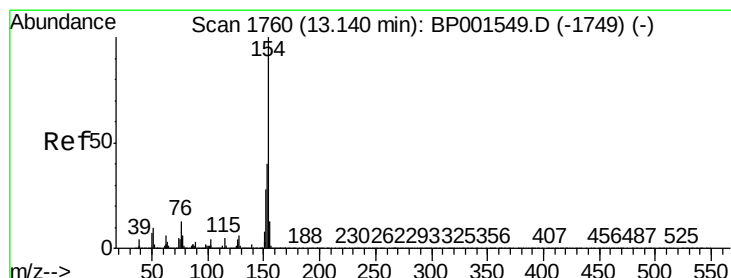
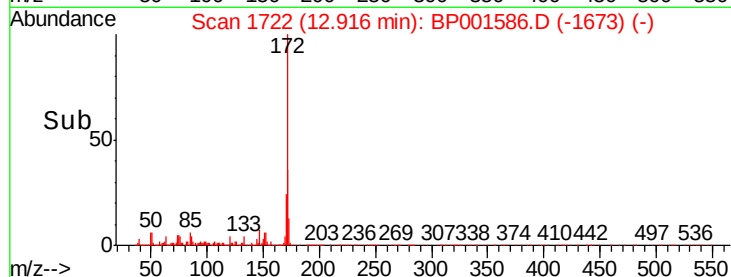
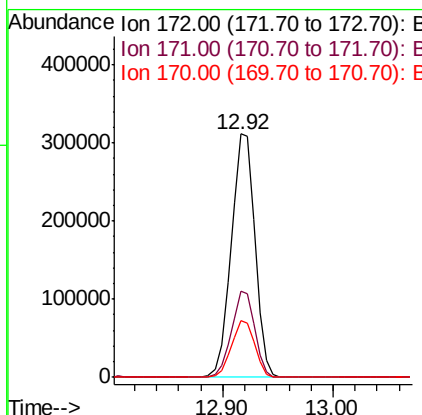
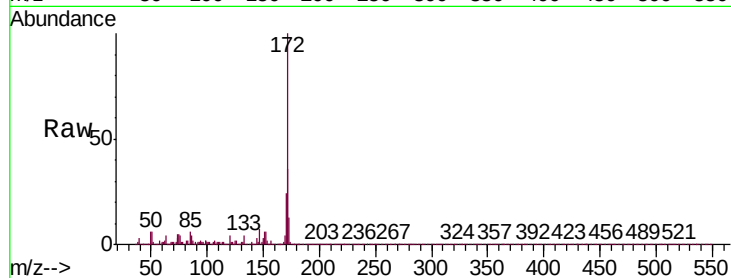




#45
2-Fluorobiphenyl
Concen: 61.922 ng
RT: 12.92 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

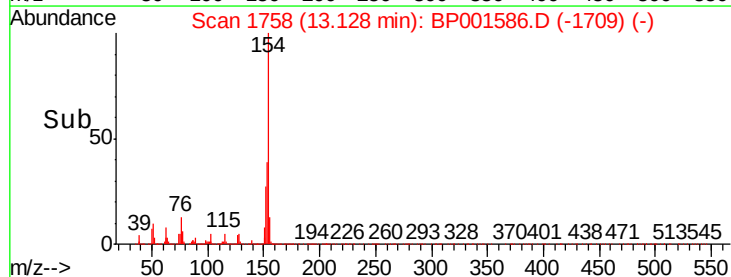
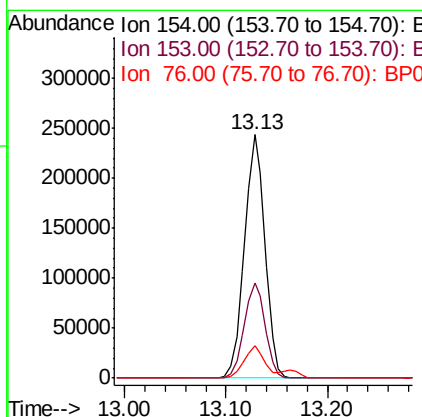
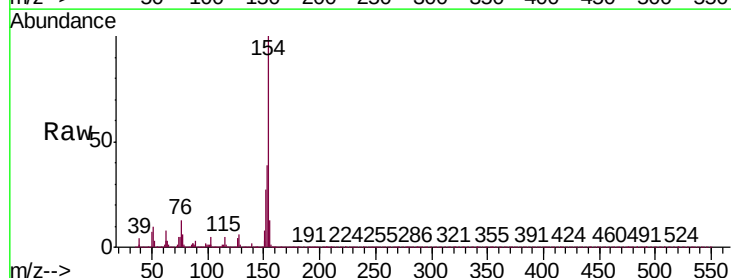
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

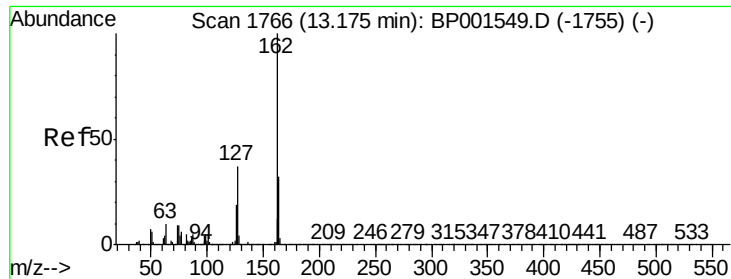
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.6	41.4
170	23.5	18.3	27.5



#46
1,1'-Biphenyl
Concen: 42.642 ng
RT: 13.13 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.1	19.5	59.5
76	13.1	0.0	33.1

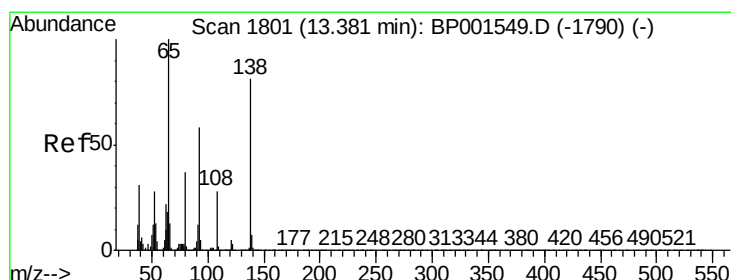
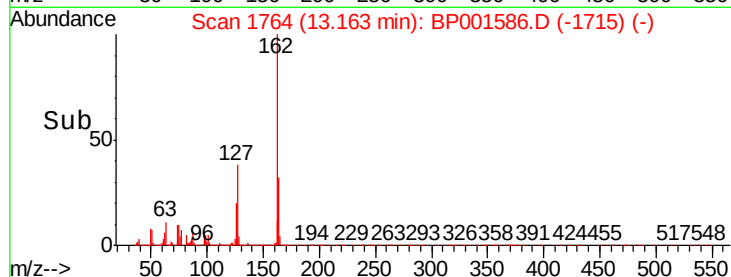
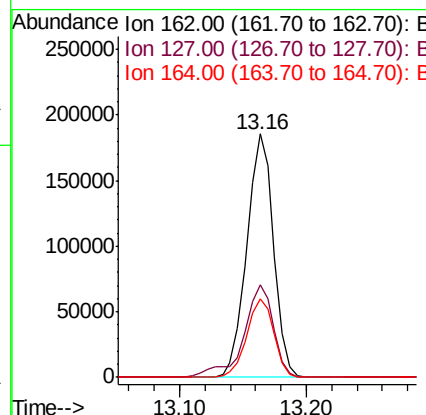
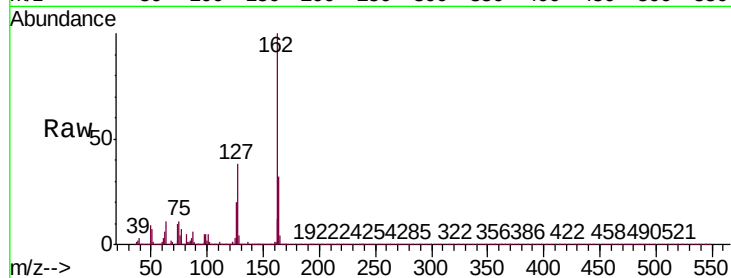




#47
 2-Chloronaphthalene
 Concen: 40.706 ng
 RT: 13.16 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BP001586.D
 Acq: 09 Jan 2020 19:05

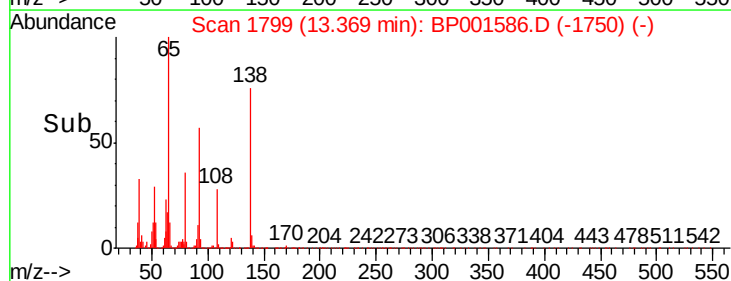
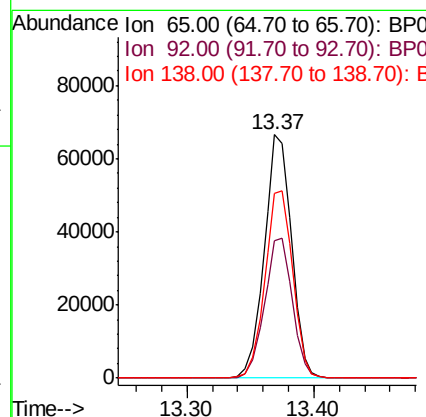
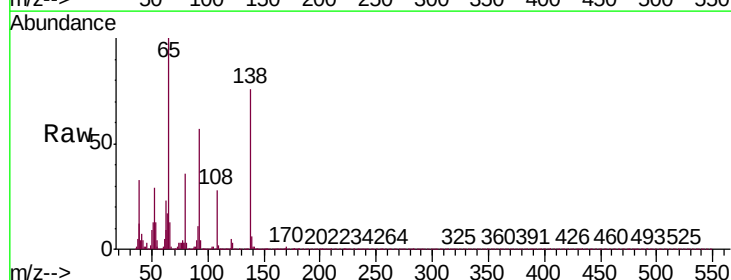
Instrument :
 BNA_P
 ClientSampleId :
 TP-1MSD

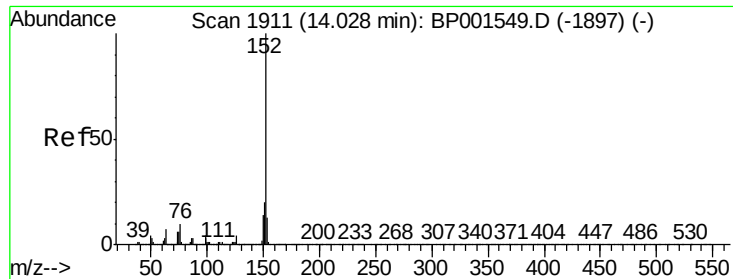
Tgt Ion:	162	Resp:	270165
Ion	Ratio	Lower	Upper
162	100		
127	38.2	29.9	44.9
164	32.2	26.0	39.0



#48
 2-Nitroaniline
 Concen: 38.222 ng
 RT: 13.37 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BP001586.D
 Acq: 09 Jan 2020 19:05

Tgt Ion:	65	Resp:	99667
Ion	Ratio	Lower	Upper
65	100		
92	56.5	46.2	69.2
138	76.0	64.7	97.1





#49

Acenaphthylene

Concen: 41.181 ng

RT: 14.02 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

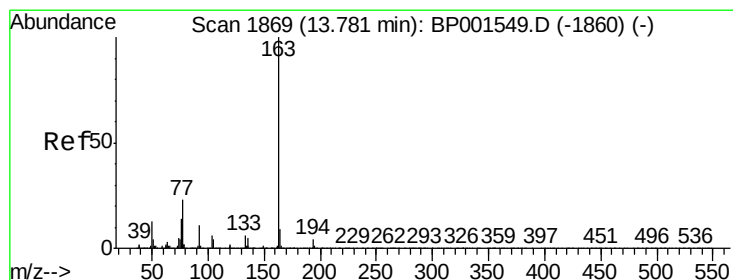
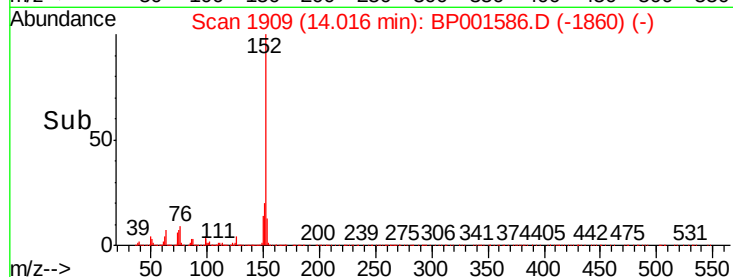
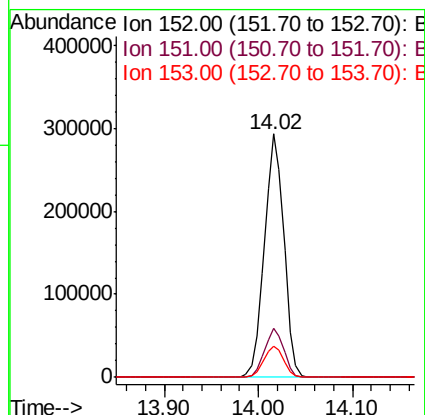
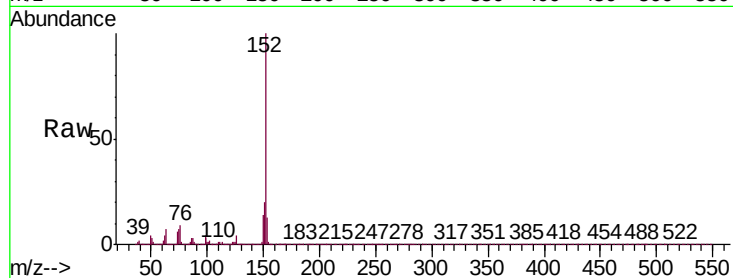
Instrument :

BNA_P

ClientSampleId :

TP-1MSD

Tgt Ion:	152	Resp:	421524
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.9	23.9
153	12.9	10.4	15.6



#50

Dimethylphthalate

Concen: 40.878 ng

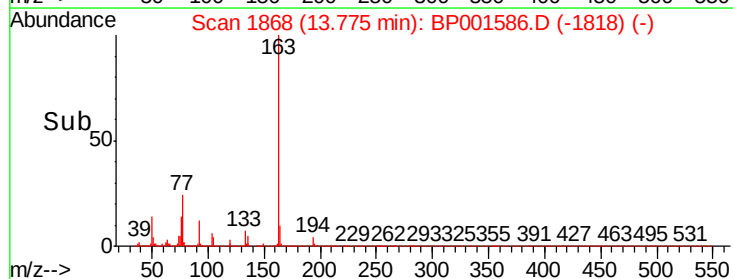
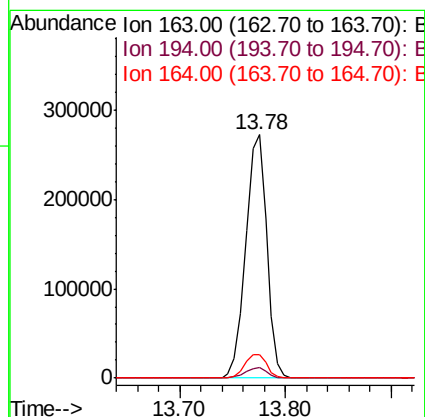
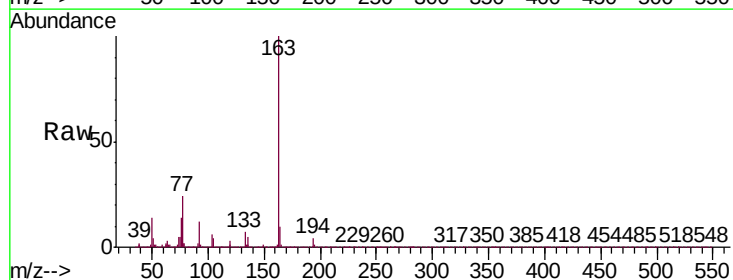
RT: 13.78 min Scan# 1868

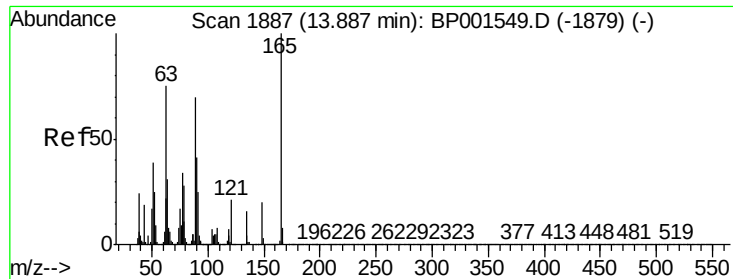
Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

Tgt Ion:	163	Resp:	375209
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	9.7	7.5	11.3

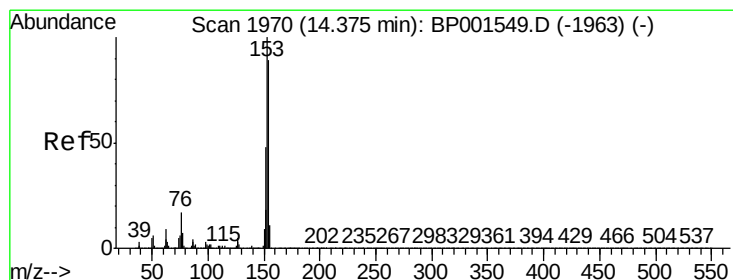
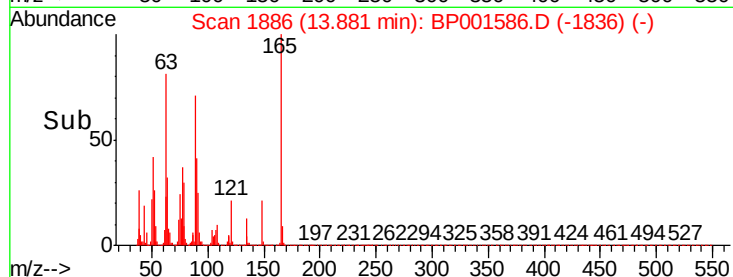
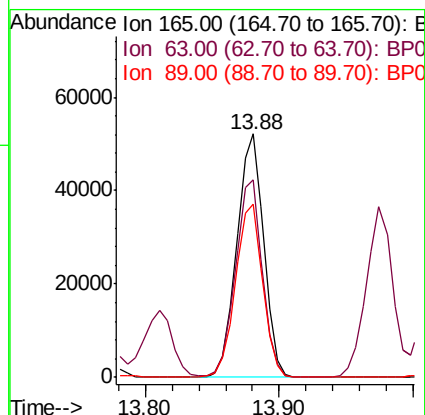
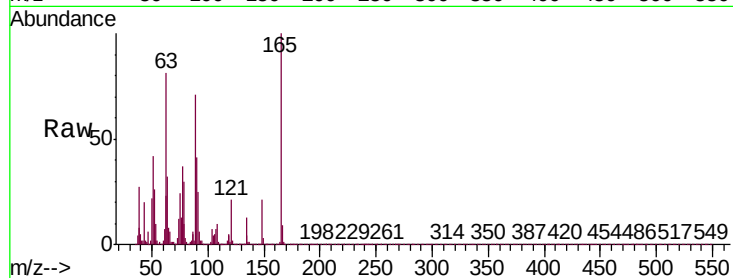




#51
2,6-Dinitrotoluene
Concen: 37.372 ng
RT: 13.88 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

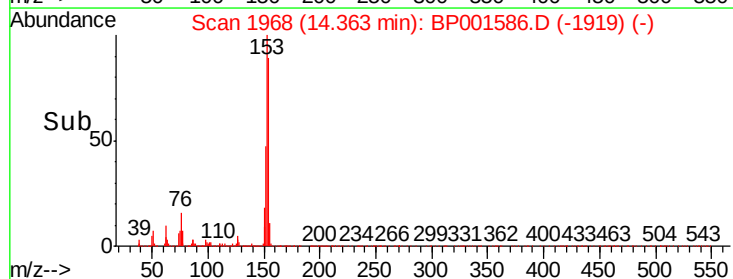
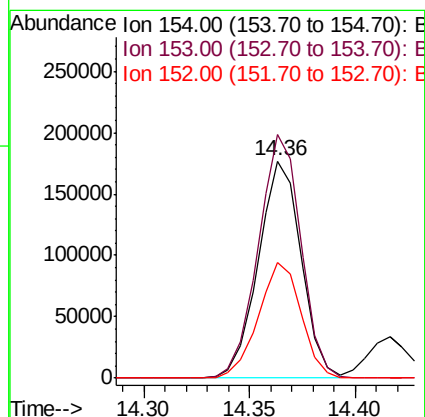
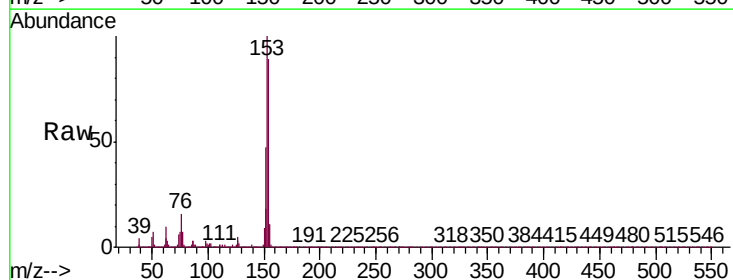
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

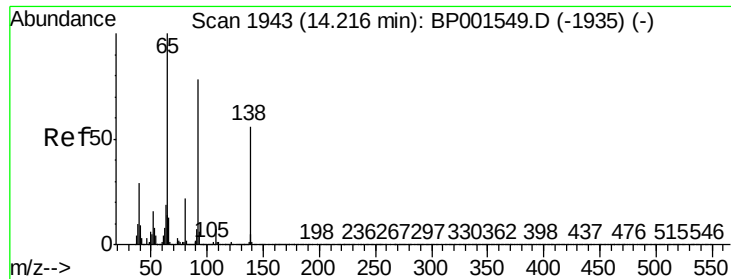
Tgt Ion:165 Resp: 72744
Ion Ratio Lower Upper
165 100
63 81.2 60.9 91.3
89 71.1 55.7 83.5



#52
Acenaphthene
Concen: 39.449 ng
RT: 14.36 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion:154 Resp: 250079
Ion Ratio Lower Upper
154 100
153 112.2 89.4 134.2
152 53.2 42.6 64.0

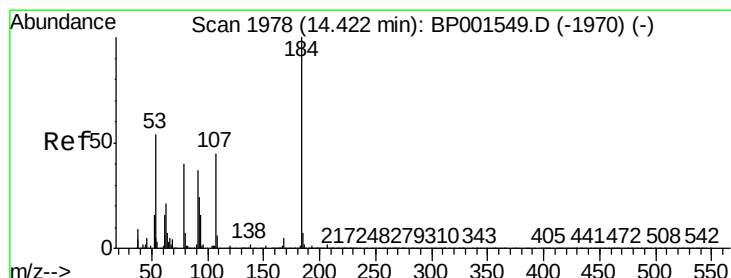
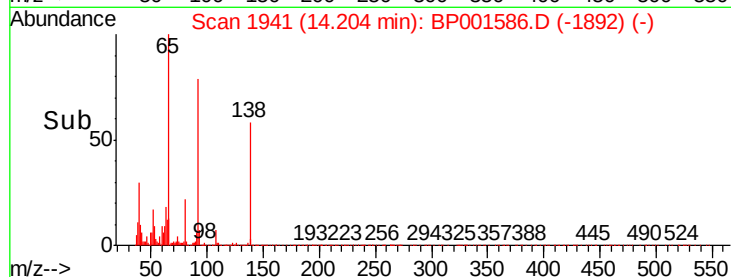
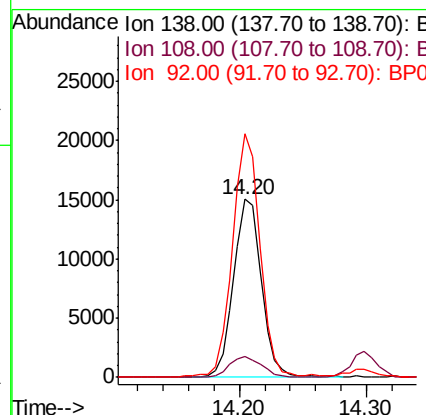
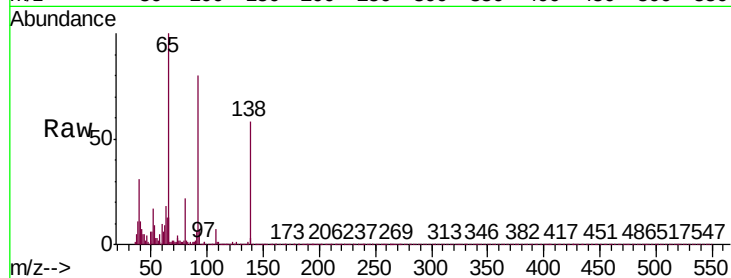




#53
3-Nitroaniline
Concen: 11.190 ng
RT: 14.20 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

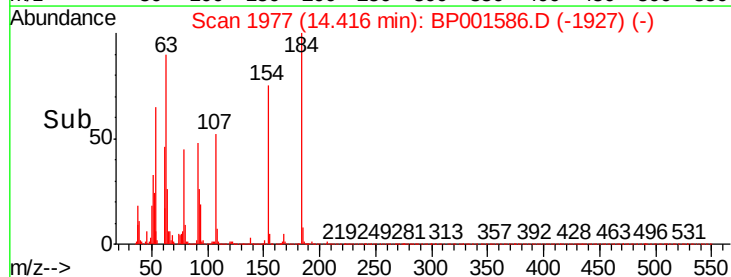
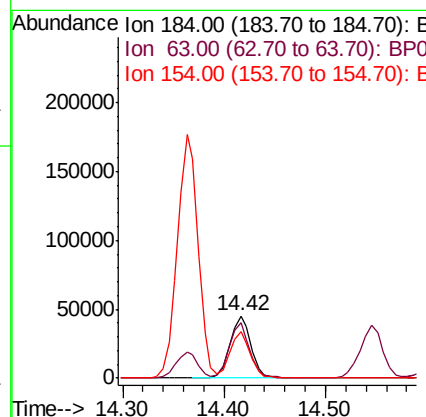
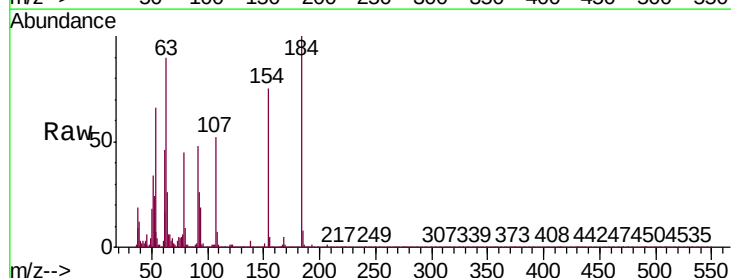
Instrument :
BNA_P
ClientSampled :
TP-1MSD

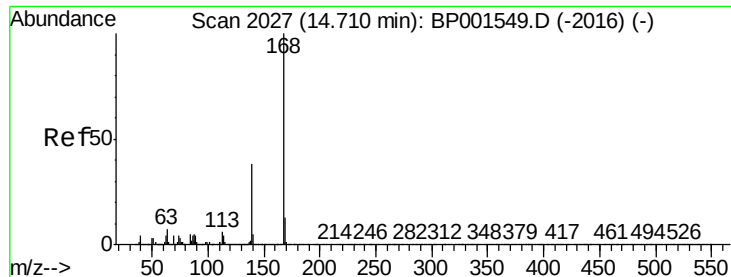
Tgt Ion:138 Resp: 22996
Ion Ratio Lower Upper
138 100
108 11.6 9.9 14.9
92 136.6 110.6 166.0



#54
2,4-Dinitrophenol
Concen: 58.761 ng
RT: 14.42 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion:184 Resp: 64310
Ion Ratio Lower Upper
184 100
63 89.6 59.7 89.5#
154 75.2 53.9 80.9





#55

Dibenzofuran

Concen: 38.665 ng

RT: 14.70 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

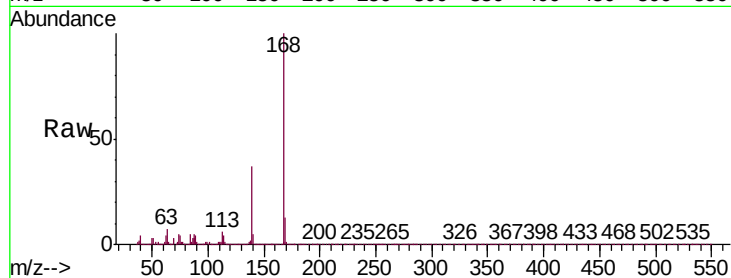
Tgt Ion:168 Resp: 414491

Ion Ratio Lower Upper

168 100

139 37.3 30.2 45.4

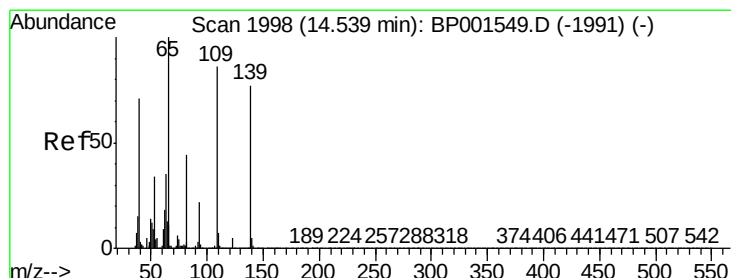
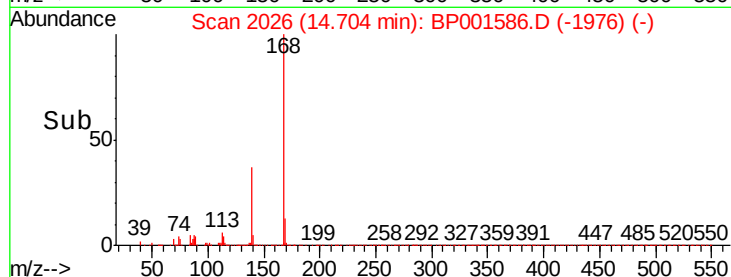
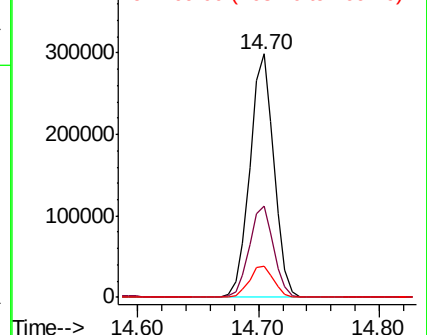
169 12.9 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 72.971 ng

RT: 14.55 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

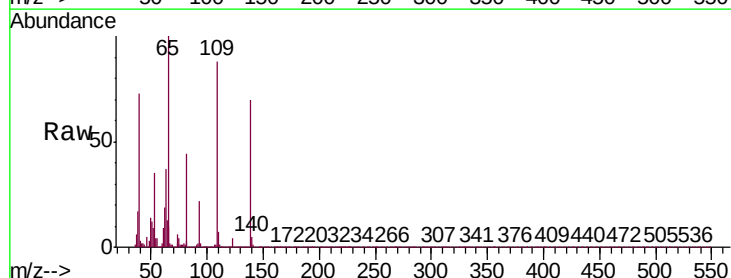
Tgt Ion:139 Resp: 119751

Ion Ratio Lower Upper

139 100

109 125.5 92.7 132.7

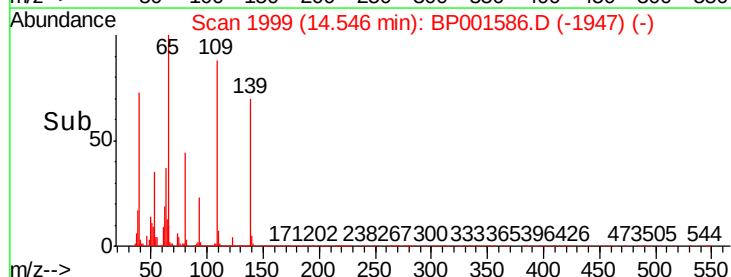
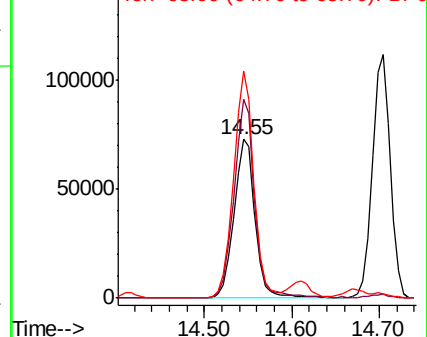
65 143.0 111.1 151.1

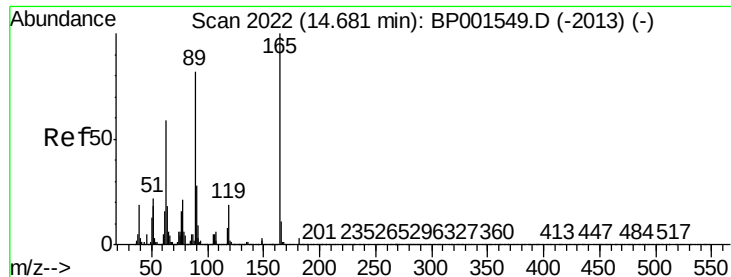


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

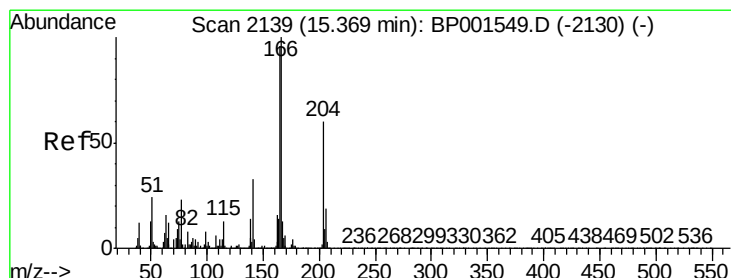
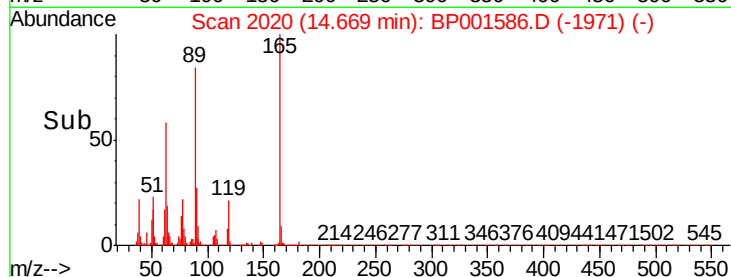
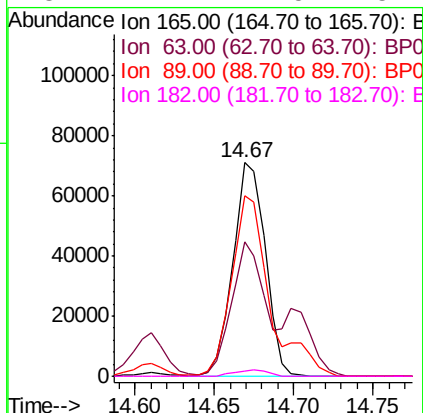
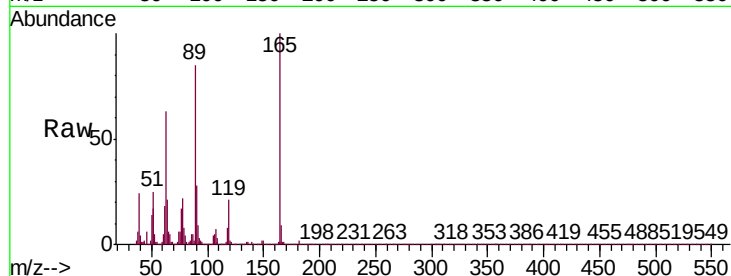




#57
2,4-Dinitrotoluene
Concen: 35.333 ng
RT: 14.67 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

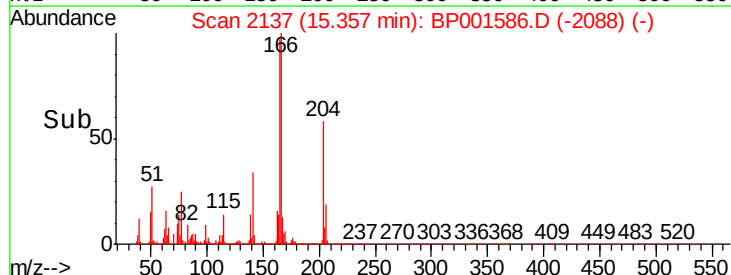
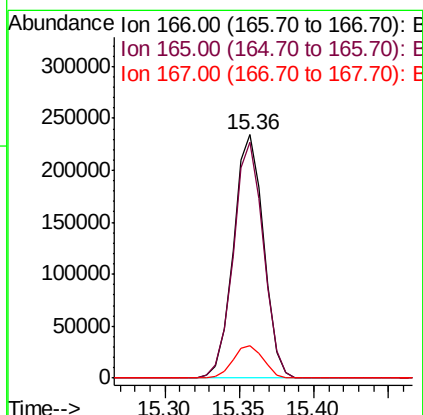
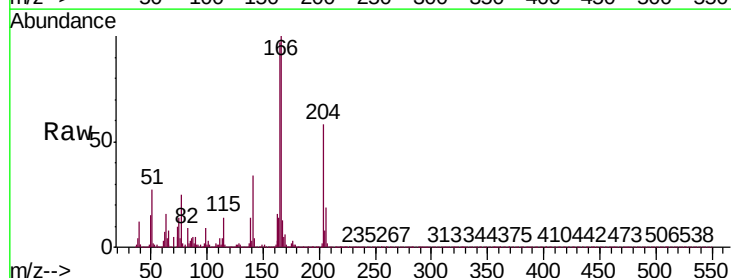
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

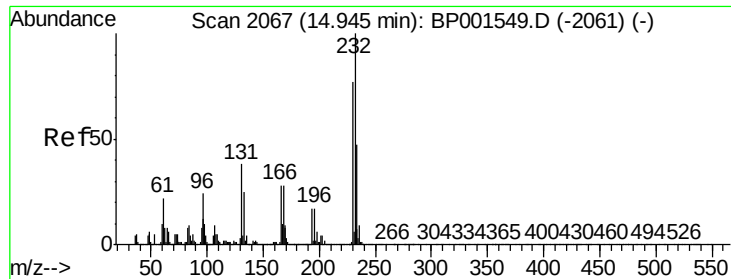
Tgt Ion:165 Resp: 100628
Ion Ratio Lower Upper
165 100
63 62.7 47.3 70.9
89 84.6 65.4 98.0
182 2.4 2.5 3.7#



#58
Fluorene
Concen: 37.910 ng
RT: 15.36 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion:166 Resp: 328850
Ion Ratio Lower Upper
166 100
165 97.1 76.9 115.3
167 13.4 10.3 15.5

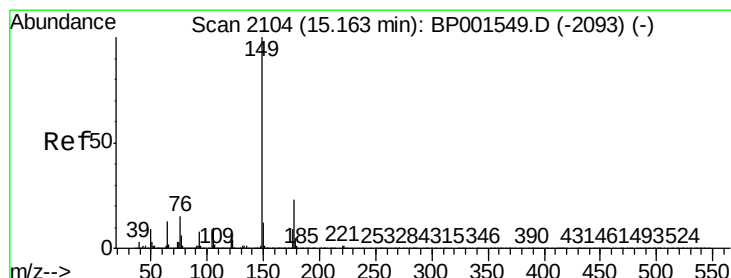
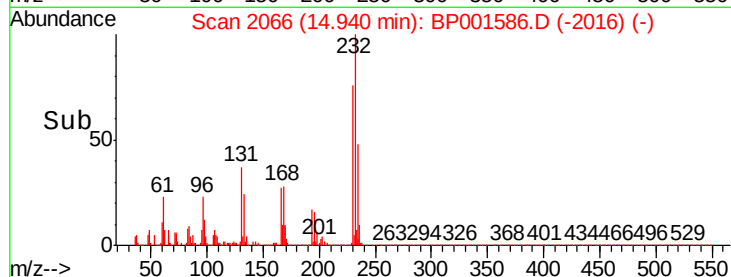
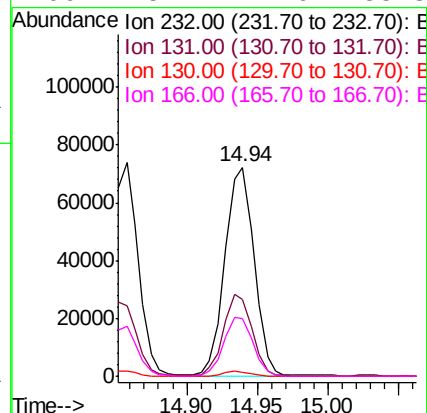
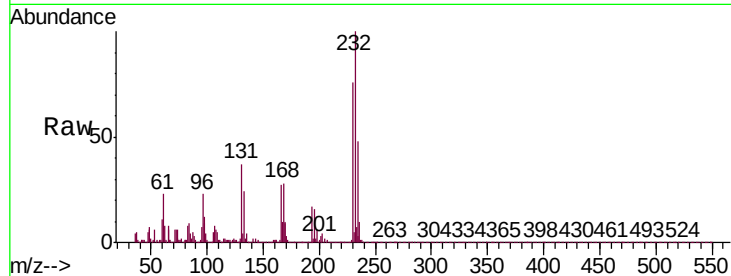




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.579 ng
RT: 14.94 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

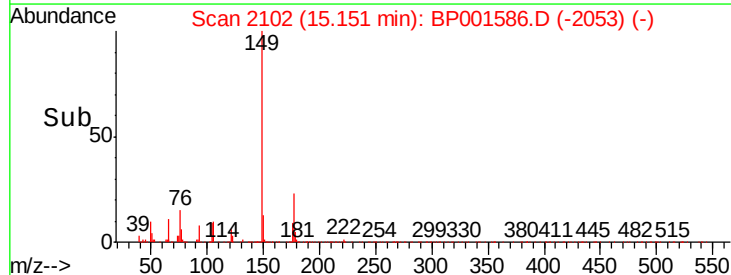
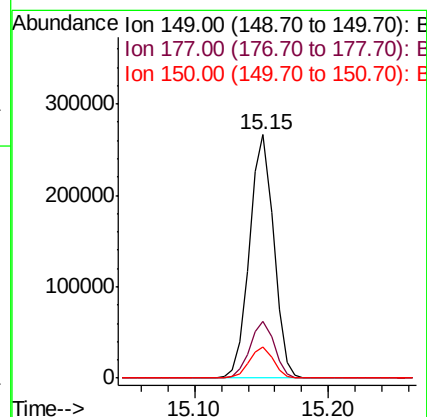
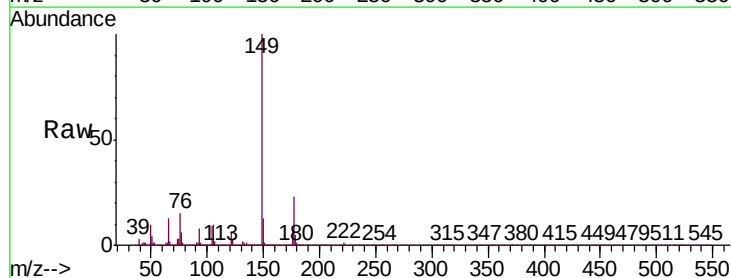
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

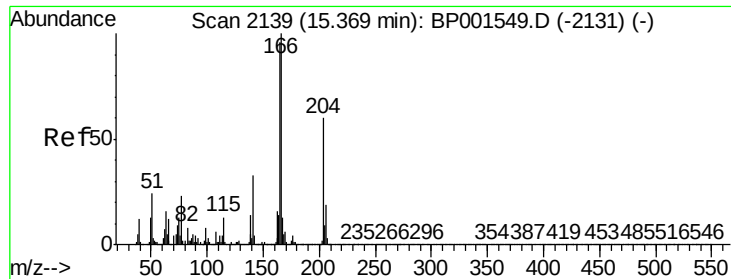
Tgt Ion:	232	Resp:	104224
Ion	Ratio	Lower	Upper
232	100		
131	38.4	31.3	46.9
130	2.5	2.0	3.0
166	28.2	22.6	33.8



#60
Diethylphthalate
Concen: 35.029 ng
RT: 15.15 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion:	149	Resp:	330694
Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.4	27.6
150	12.6	10.0	15.0

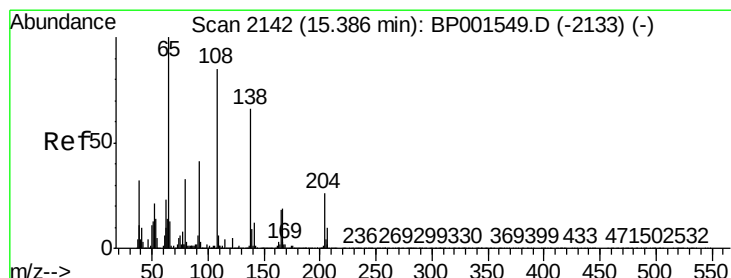
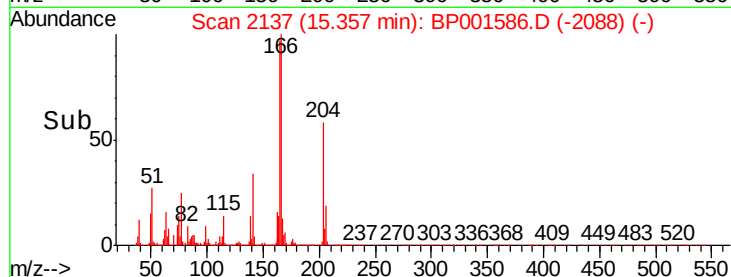
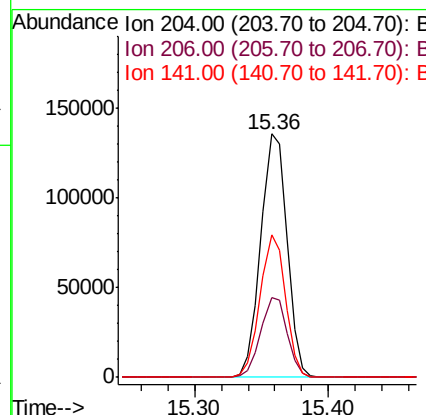
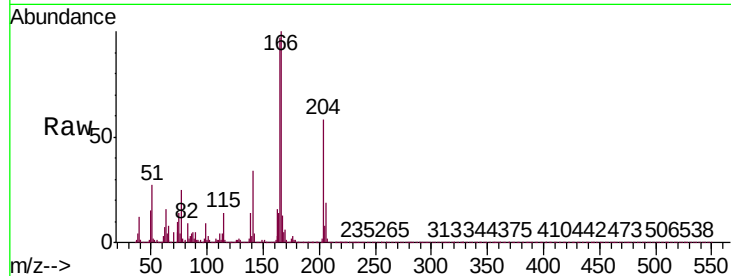




#61
4-Chlorophenyl-phenylether
Concen: 37.170 ng
RT: 15.36 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

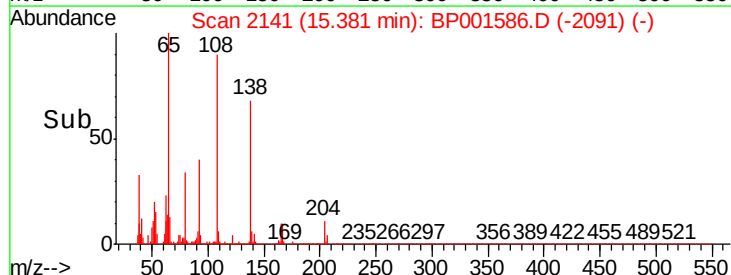
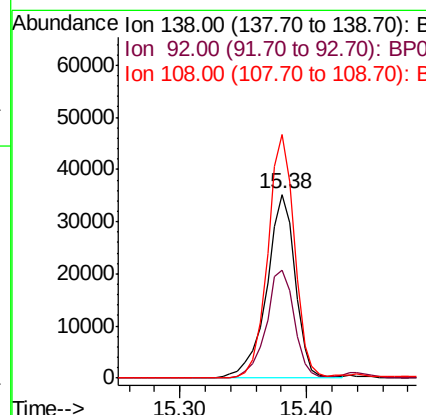
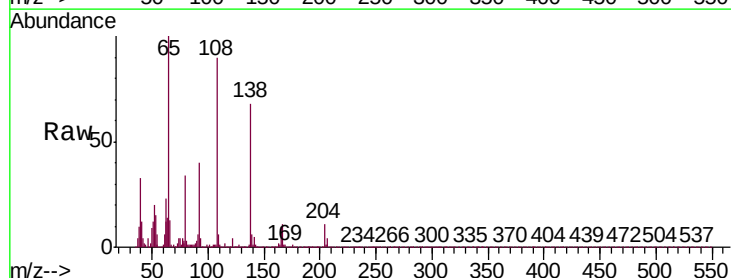
Instrument :
BNA_P
ClientSampled :
TP-1MSD

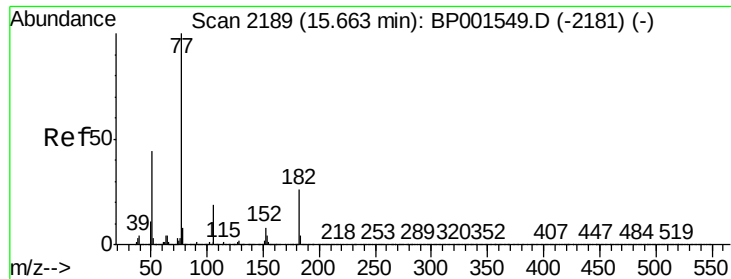
Tgt Ion: 204 Resp: 184536
Ion Ratio Lower Upper
204 100
206 32.8 25.4 38.0
141 58.4 43.8 65.6



#62
4-Nitroaniline
Concen: 23.577 ng
RT: 15.38 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion: 138 Resp: 55242
Ion Ratio Lower Upper
138 100
92 59.0 42.7 82.7
108 132.7 108.6 148.6

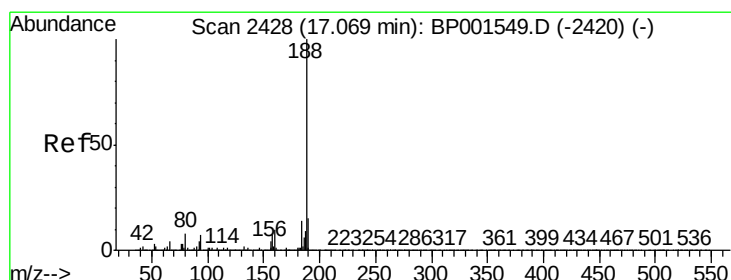
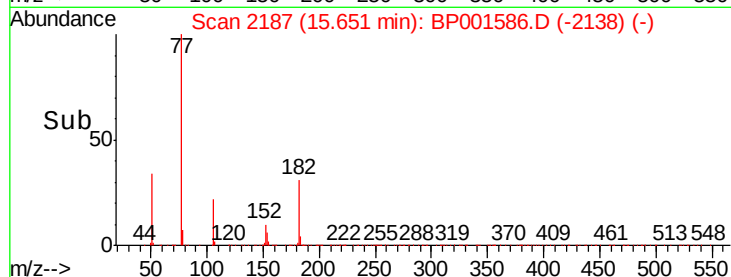
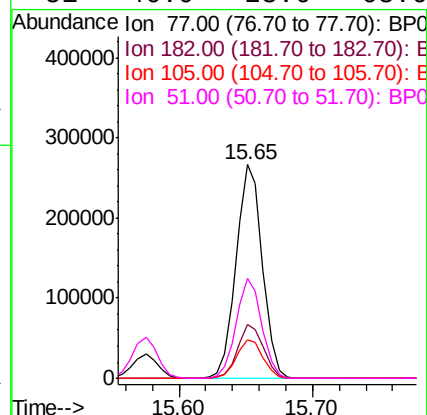
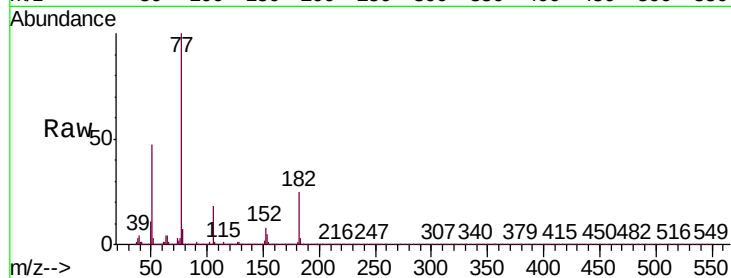




#63
Azobenzene
Concen: 38.612 ng
RT: 15.65 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

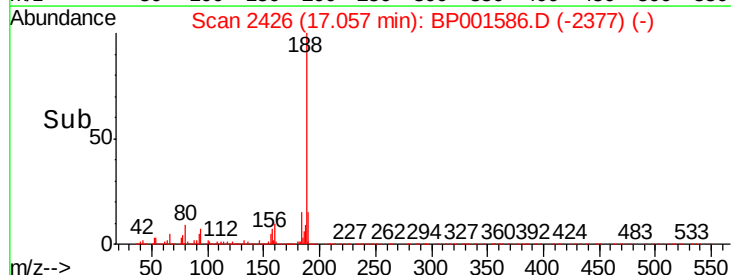
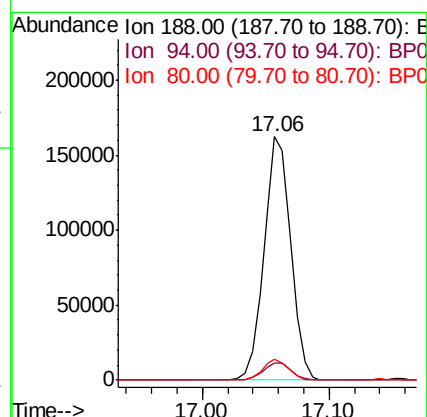
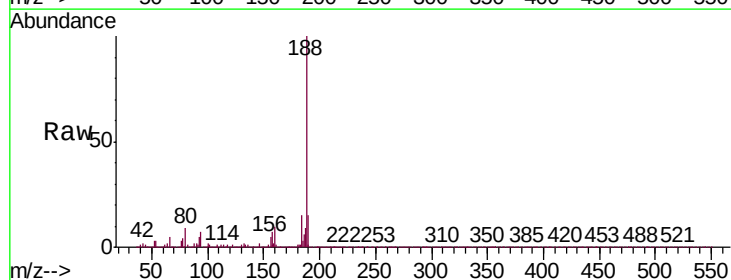
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

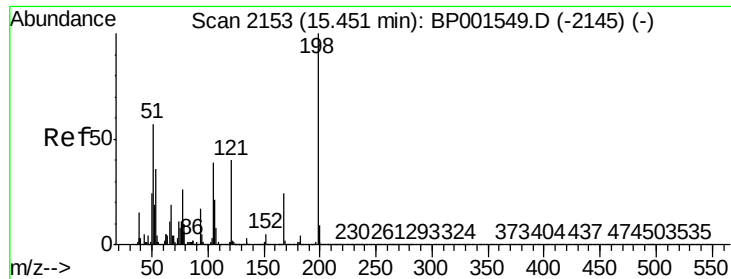
Tgt Ion:	77	Resp:	364230
Ion	Ratio	Lower	Upper
77	100		
182	25.0	5.8	45.8
105	17.7	0.0	39.3
51	46.9	23.6	63.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion:	188	Resp:	236287
Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.9	8.9
80	8.8	6.8	10.2

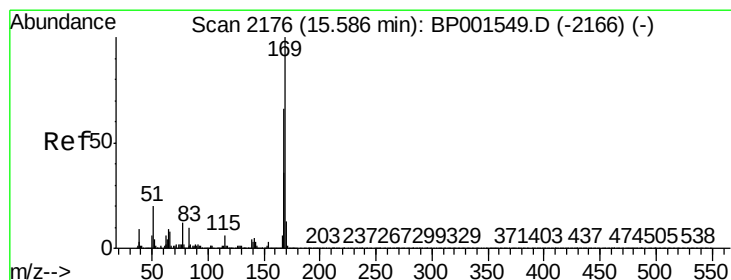
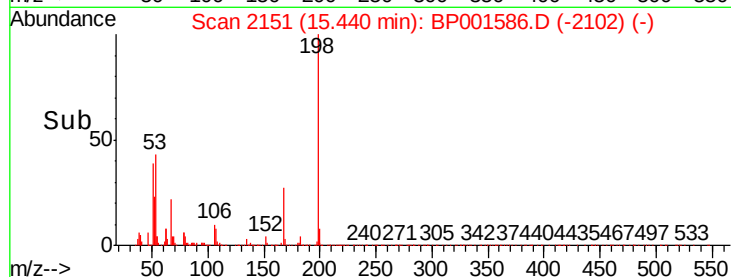
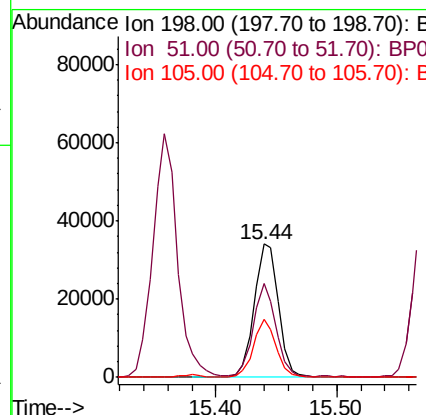
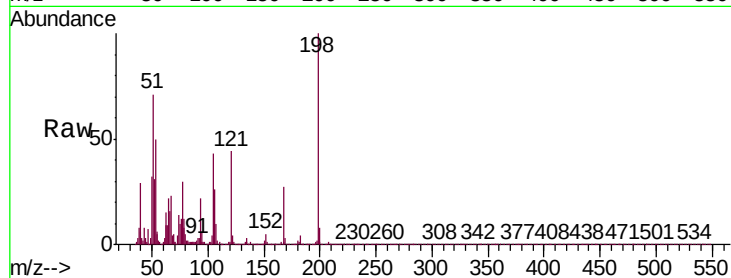




#65
4,6-Dinitro-2-methylphenol
Concen: 37.308 ng
RT: 15.44 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

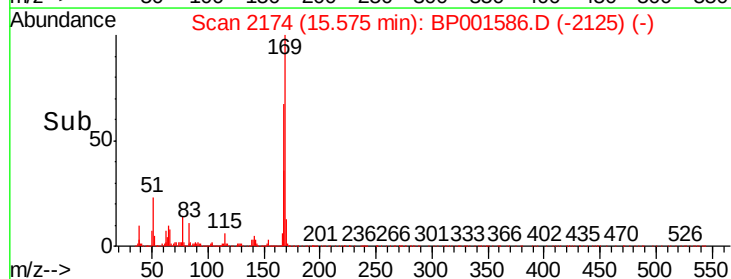
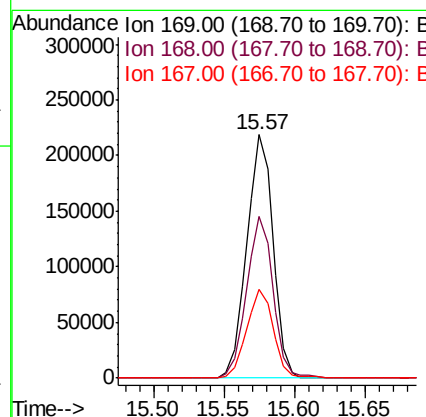
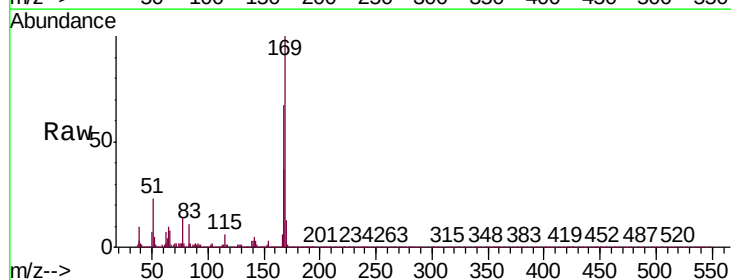
Instrument :
BNA_P
ClientSampled :
TP-1MSD

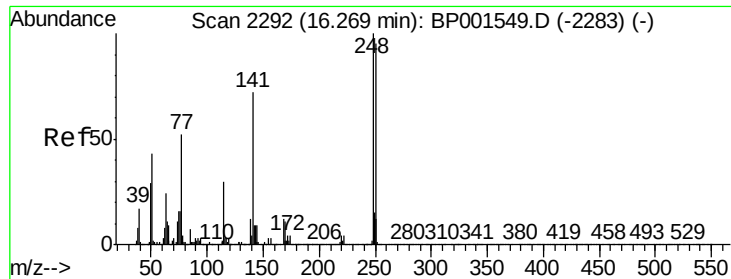
Tgt Ion:198 Resp: 47660
Ion Ratio Lower Upper
198 100
51 70.7 39.4 79.4
105 43.2 19.7 59.7



#66
n-Nitrosodiphenylamine
Concen: 45.617 ng
RT: 15.57 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion:169 Resp: 285555
Ion Ratio Lower Upper
169 100
168 66.6 53.1 79.7
167 36.5 28.9 43.3

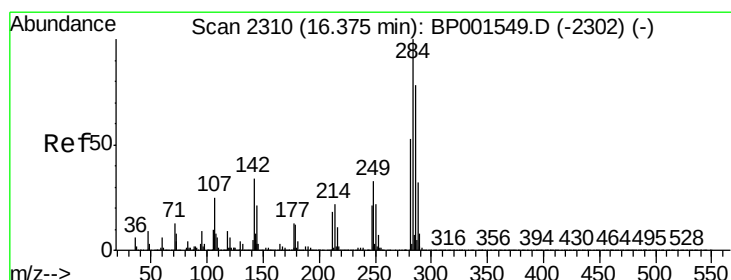
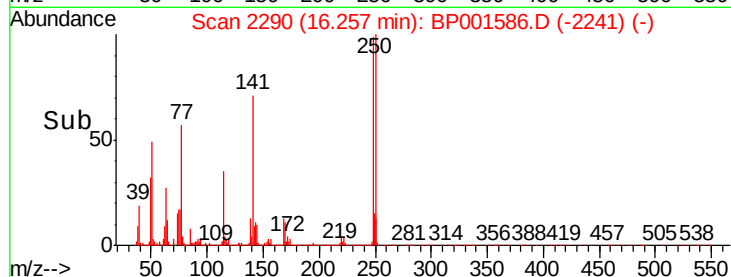
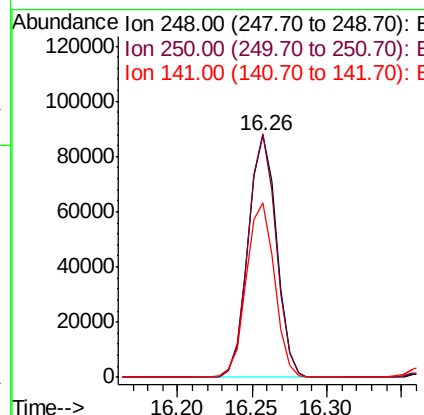
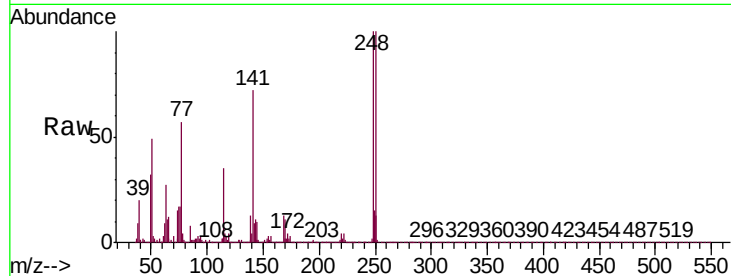




#67
4-Bromophenyl-phenylether
Concen: 43.022 ng
RT: 16.26 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

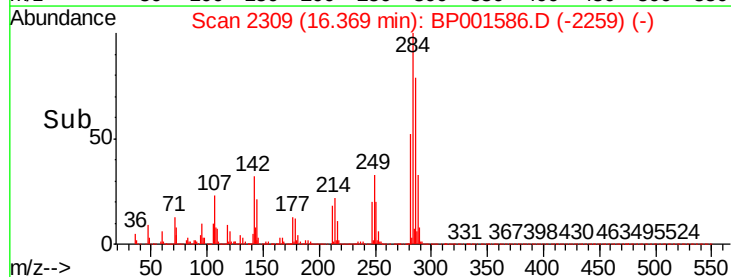
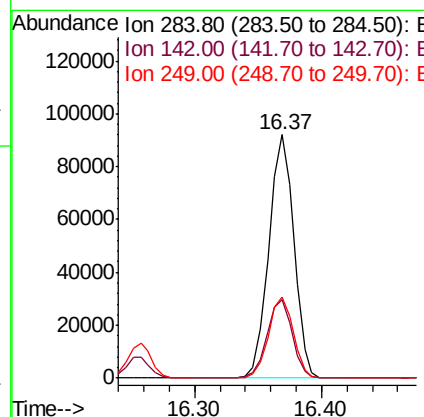
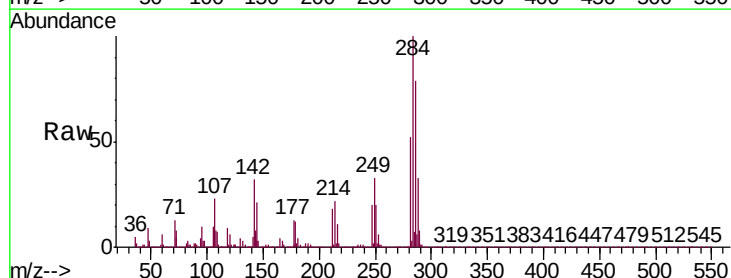
Instrument :
BNA_P
ClientSampleId :
TP-1MSD

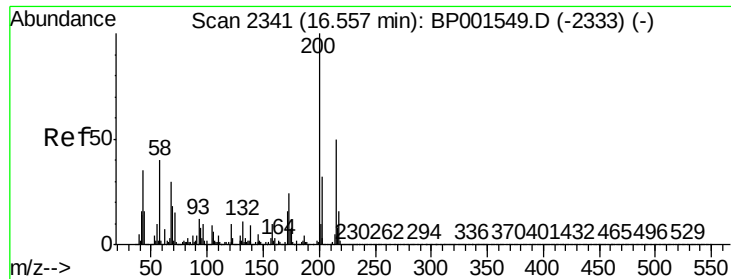
Tgt Ion:248 Resp: 114680
Ion Ratio Lower Upper
248 100
250 100.5 76.0 114.0
141 71.9 57.8 86.8



#68
Hexachlorobenzene
Concen: 40.862 ng
RT: 16.37 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion:284 Resp: 126550
Ion Ratio Lower Upper
284 100
142 32.3 27.4 41.2
249 33.1 26.8 40.2

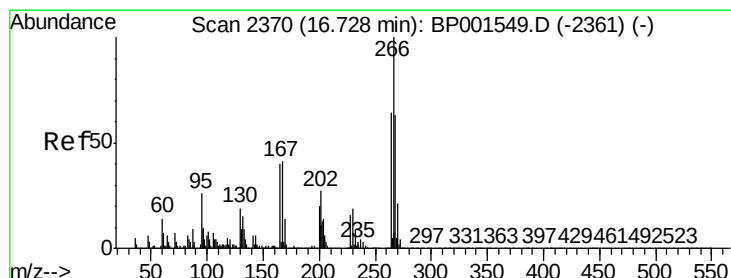
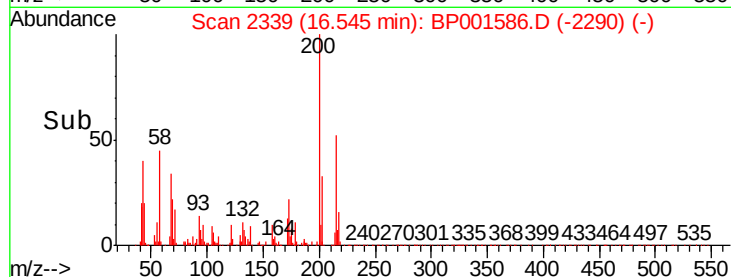
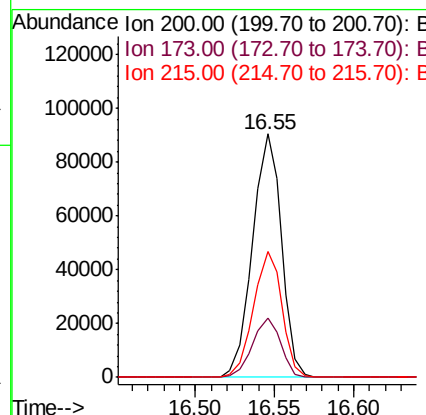
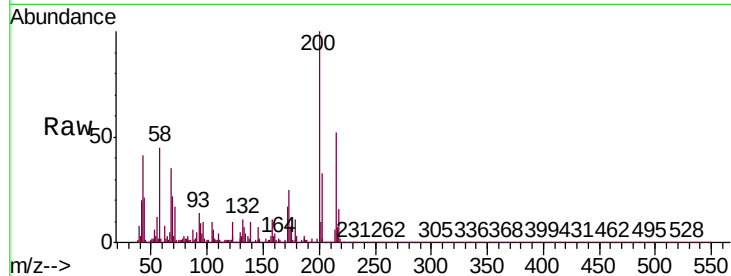




#69
 Atrazine
 Concen: 49.856 ng
 RT: 16.55 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BP001586.D
 Acq: 09 Jan 2020 19:05

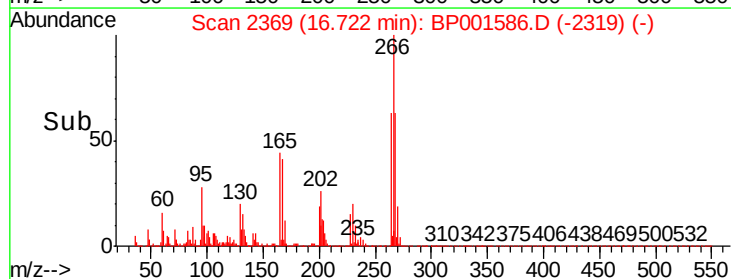
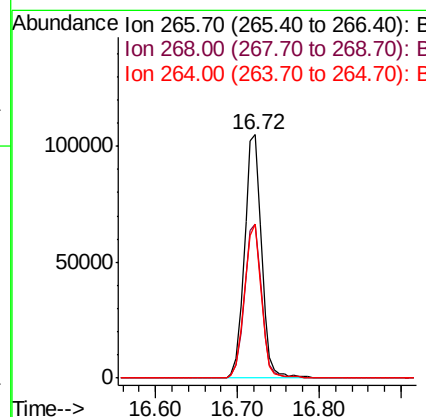
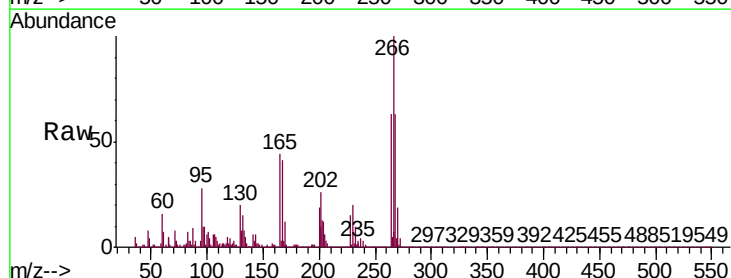
Instrument :
 BNA_P
 ClientSampleId :
 TP-1MSD

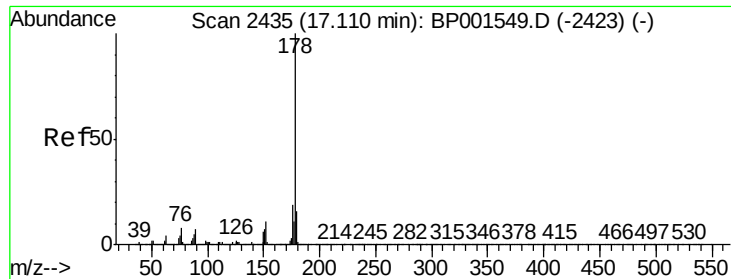
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.5	3.5	43.5
215	51.7	30.4	70.4



#70
 Pentachlorophenol
 Concen: 89.244 ng
 RT: 16.72 min Scan# 2369
 Delta R.T. -0.01 min
 Lab File: BP001586.D
 Acq: 09 Jan 2020 19:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.5	75.7
264	63.3	50.9	76.3





#71

Phenanthrene

Concen: 46.038 ng

RT: 17.10 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

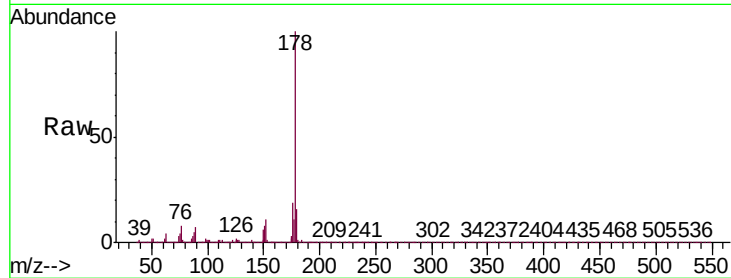
Tgt Ion:178 Resp: 591593

Ion Ratio Lower Upper

178 100

176 19.5 14.9 22.3

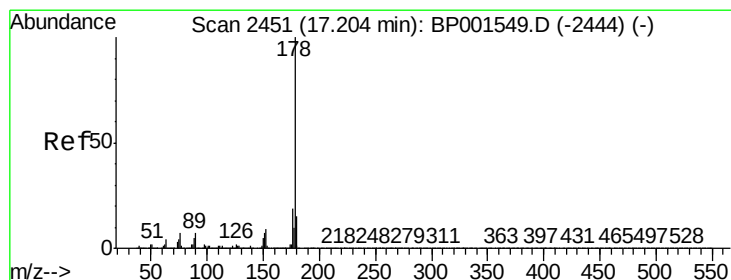
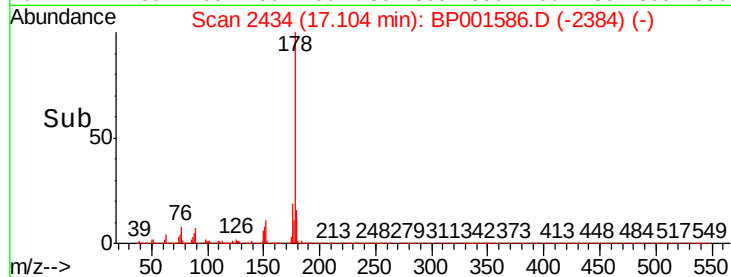
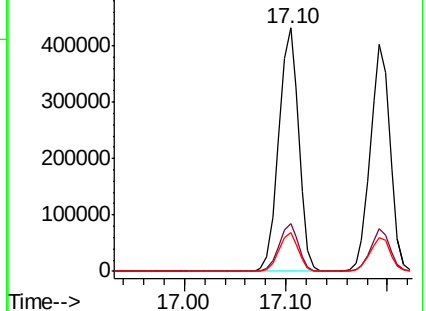
179 15.7 12.5 18.7



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: 43.450 ng

RT: 17.19 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

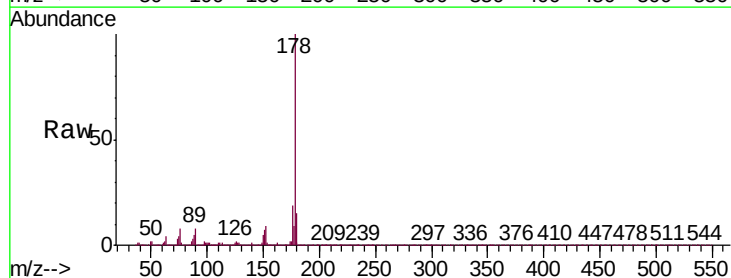
Tgt Ion:178 Resp: 543536

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

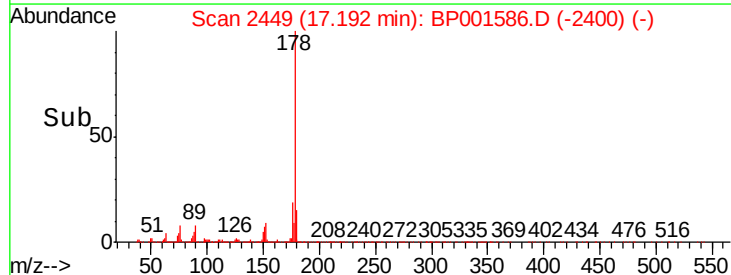
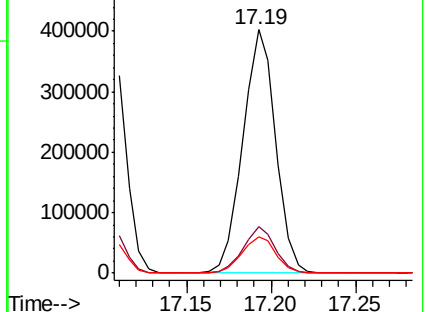
179 14.8 11.8 17.8

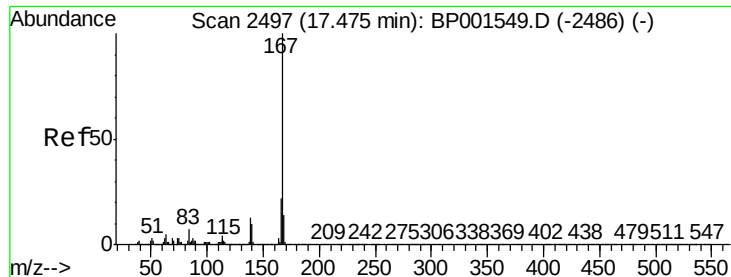


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

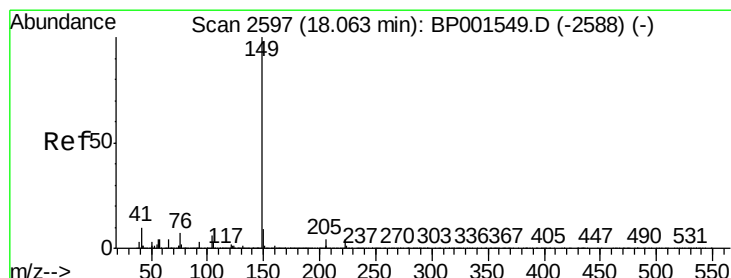
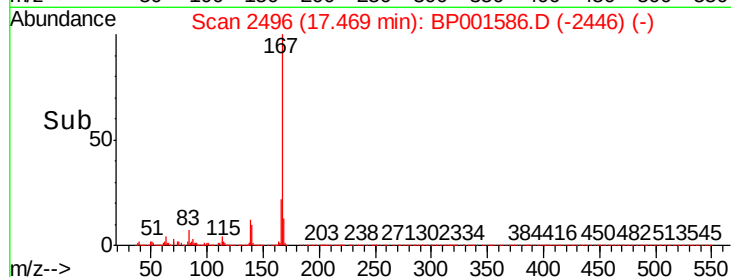
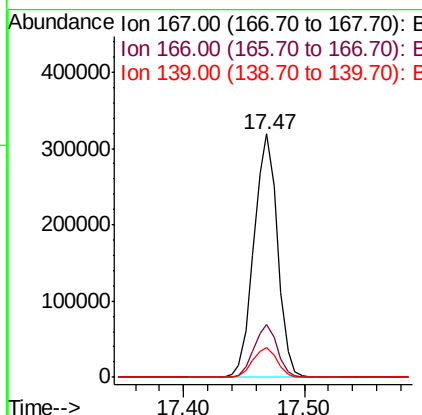
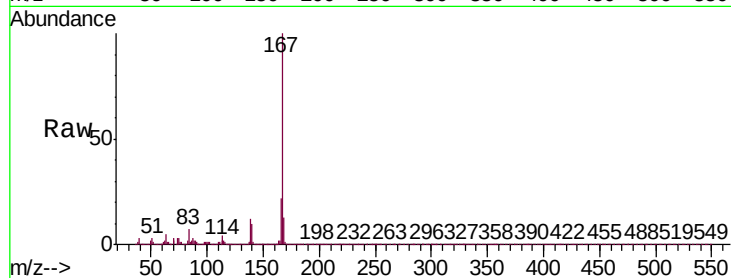




#73
 Carbazole
 Concen: 37.218 ng
 RT: 17.47 min Scan# 2496
 Delta R.T. -0.01 min
 Lab File: BP001586.D
 Acq: 09 Jan 2020 19:05

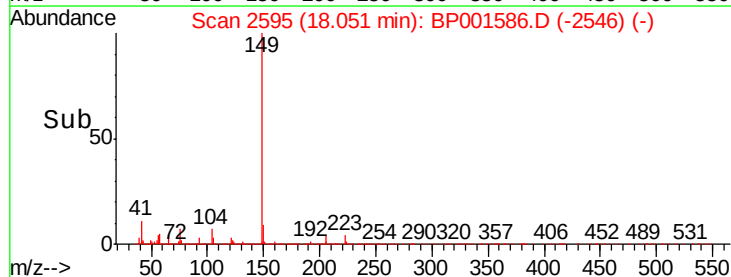
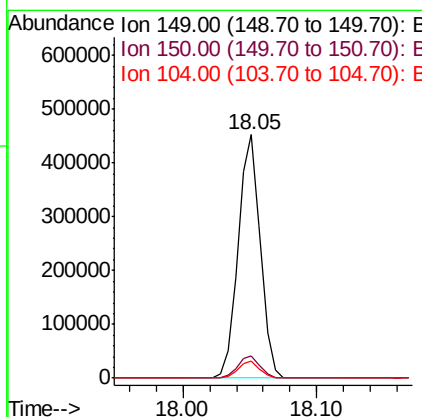
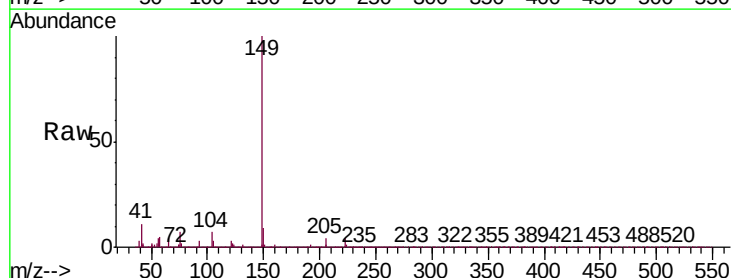
Instrument :
 BNA_P
 ClientSampleId :
 TP-1MSD

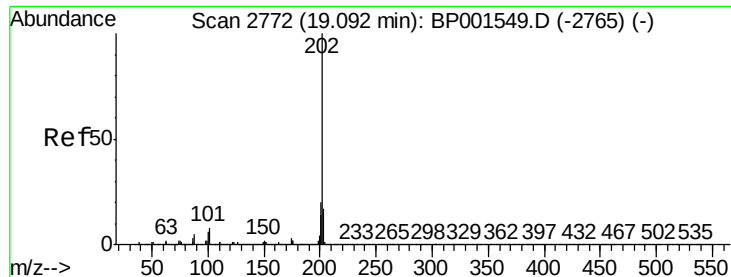
Tgt Ion:167 Resp: 437109
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.5 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 37.297 ng
 RT: 18.05 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BP001586.D
 Acq: 09 Jan 2020 19:05

Tgt Ion:149 Resp: 518243
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.0 10.6
 104 6.8 5.0 7.4





#75

Fluoranthene

Concen: 40.116 ng

RT: 19.09 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

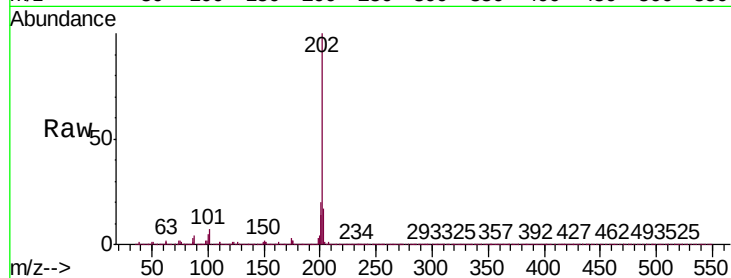
Tgt Ion: 202 Resp: 678299

Ion Ratio Lower Upper

202 100

101 7.2 0.0 28.4

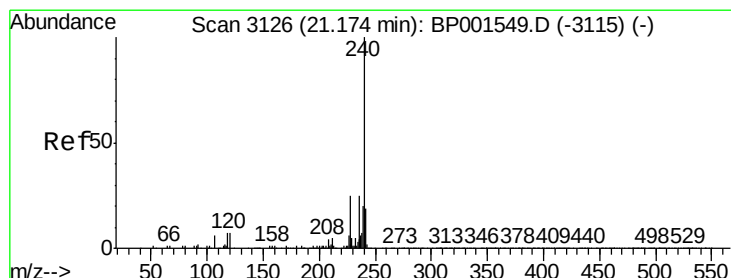
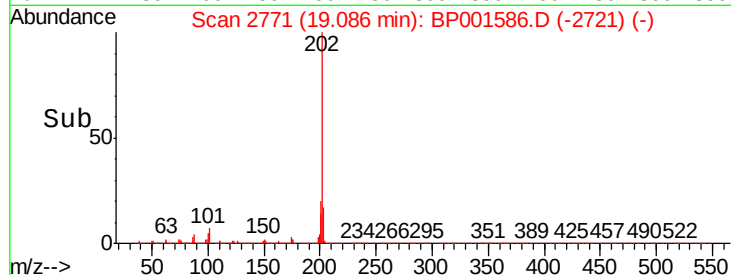
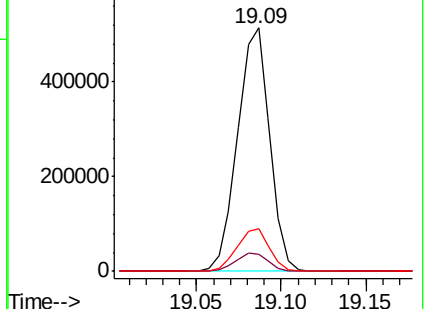
203 17.4 0.0 37.4



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: 21.17 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

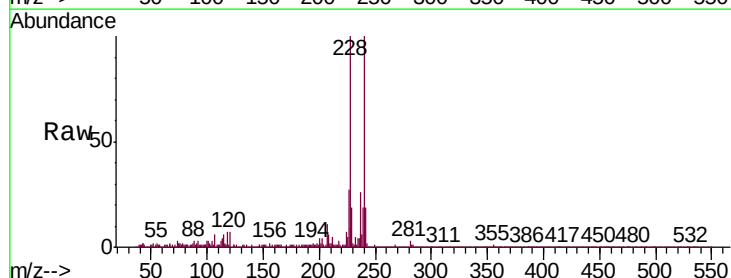
Tgt Ion: 240 Resp: 163086

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

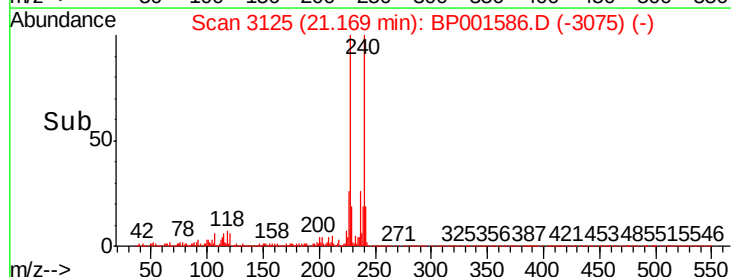
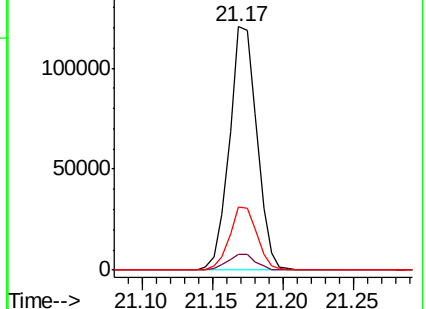
236 26.0 20.4 30.6

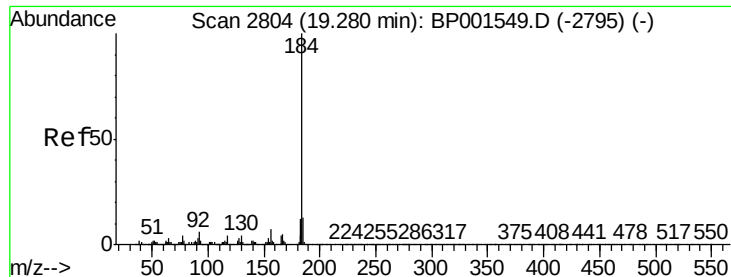


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 68.588 ng

RT: 19.27 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

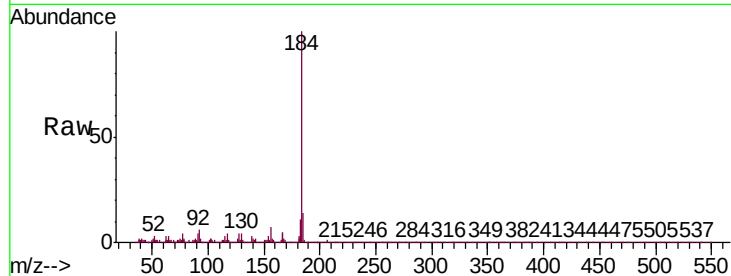
Tgt Ion:184 Resp: 255412

Ion Ratio Lower Upper

184 100

185 14.1 10.6 16.0

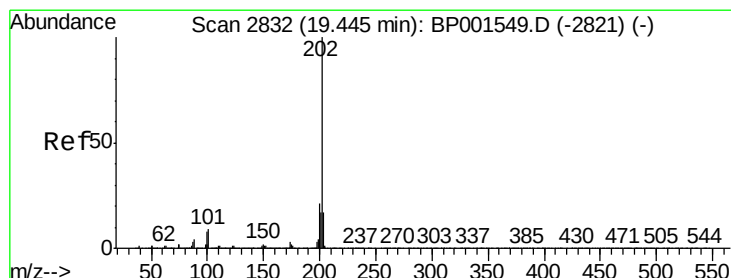
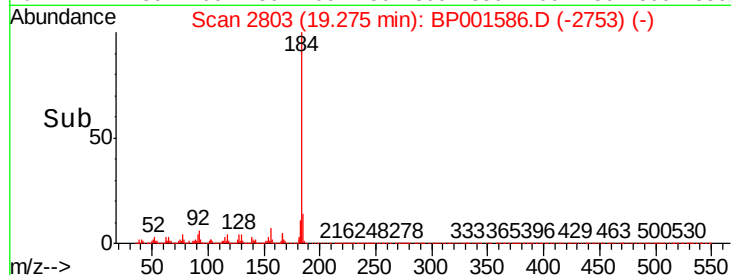
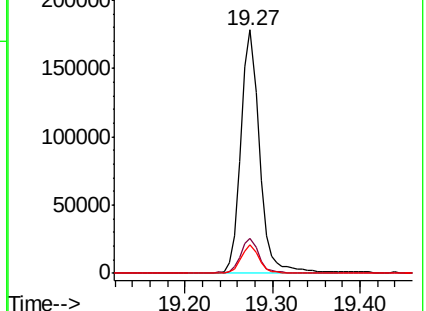
183 11.5 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.407 ng

RT: 19.43 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

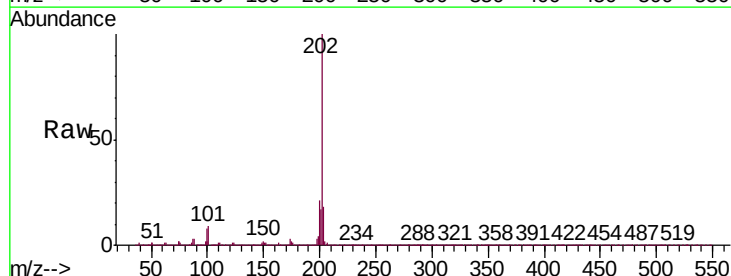
Tgt Ion:202 Resp: 639812

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

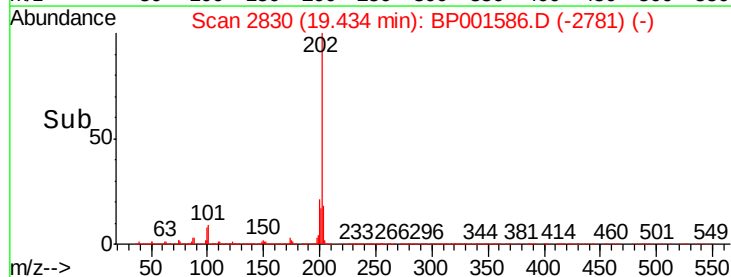
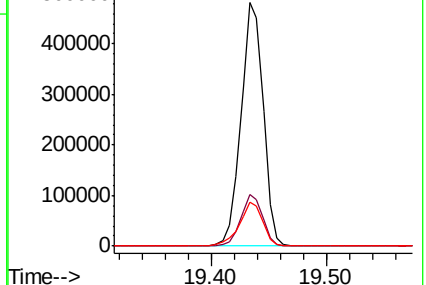
203 17.9 13.7 20.5

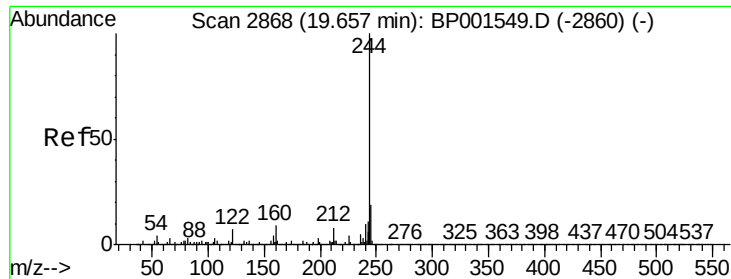


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.036 ng

RT: 19.65 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

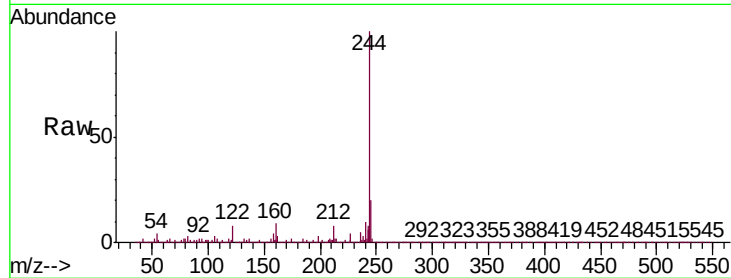
Tgt Ion:244 Resp: 544230

Ion Ratio Lower Upper

244 100

212 8.4 6.3 9.5

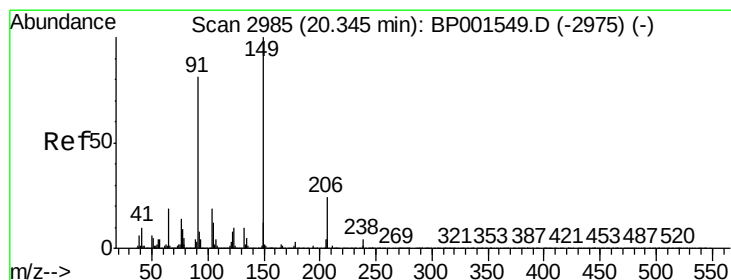
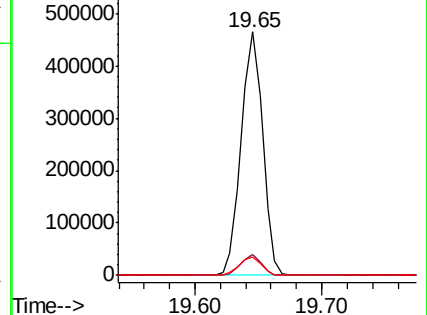
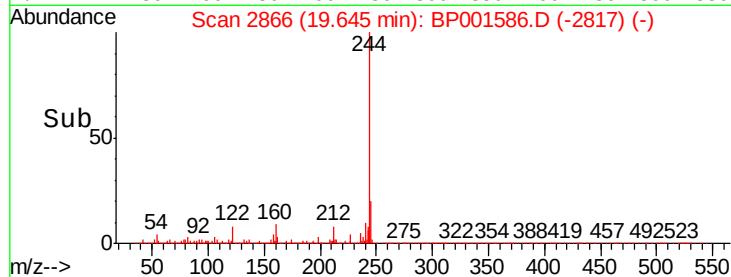
122 7.7 5.8 8.6



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



#80

Butylbenzylphthalate

Concen: 41.464 ng

RT: 20.33 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

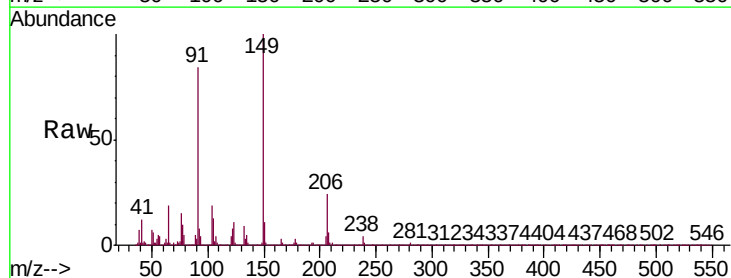
Tgt Ion:149 Resp: 188797

Ion Ratio Lower Upper

149 100

91 83.5 64.8 97.2

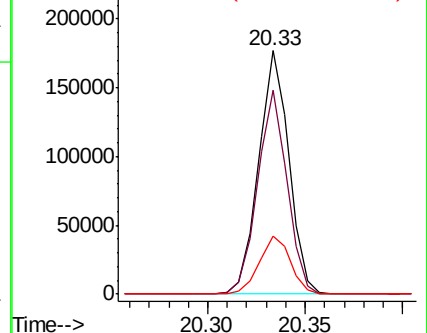
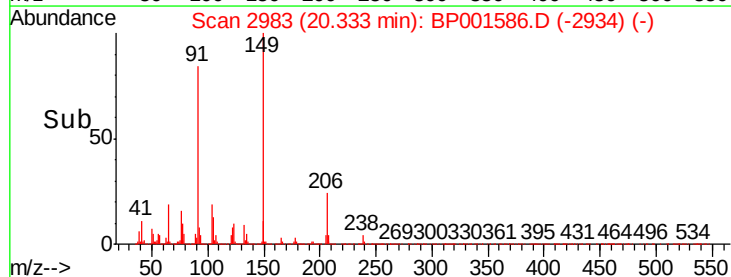
206 24.0 19.4 29.0

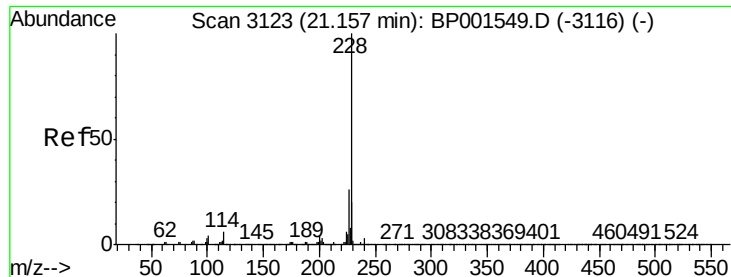


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.200 ng

RT: 21.16 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

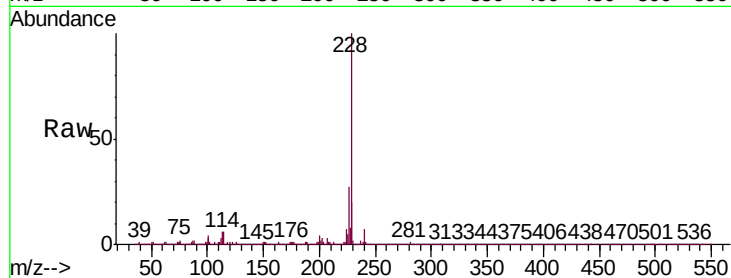
Tgt Ion: 228 Resp: 513374

Ion Ratio Lower Upper

228 100

226 26.8 21.2 31.8

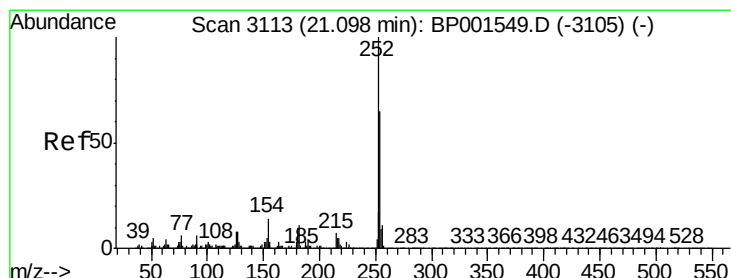
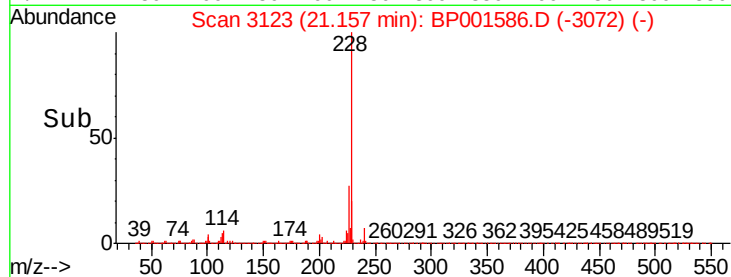
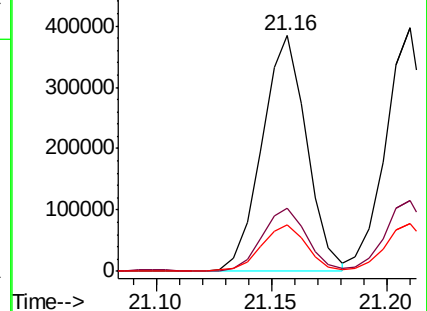
229 19.8 16.1 24.1



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



#82

3,3'-Dichlorobenzidine

Concen: 32.127 ng

RT: 21.10 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

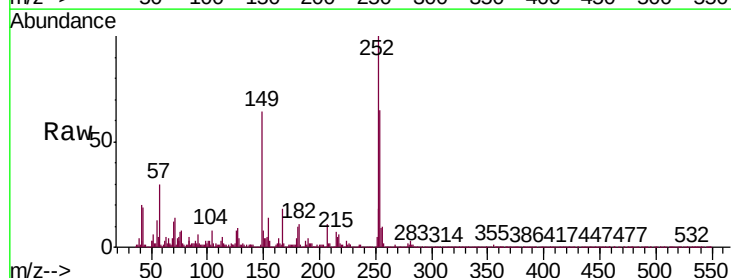
Tgt Ion: 252 Resp: 136830

Ion Ratio Lower Upper

252 100

254 64.9 52.2 78.2

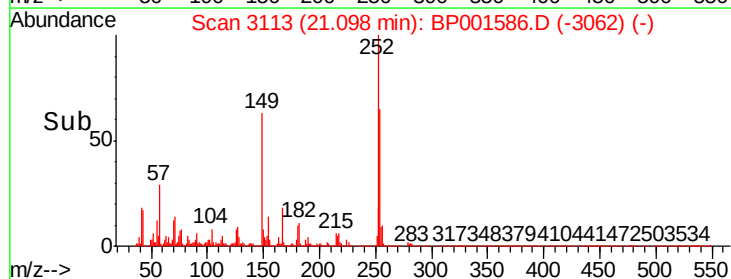
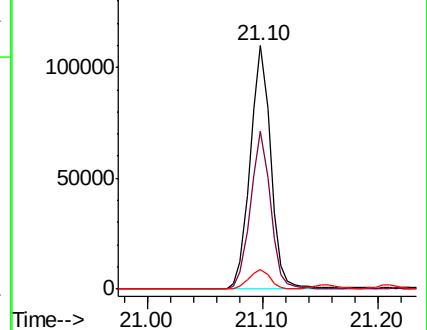
126 8.1 6.6 9.8

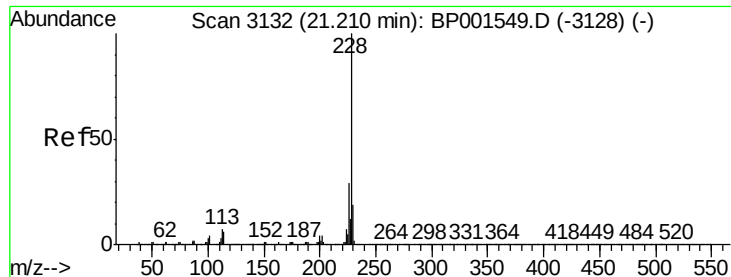


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.191 ng

RT: 21.21 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

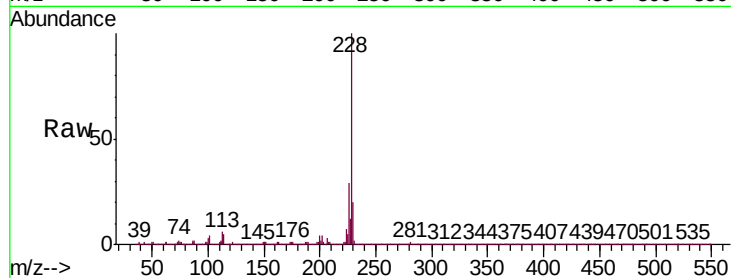
Tgt Ion:228 Resp: 489145

Ion Ratio Lower Upper

228 100

226 28.9 23.2 34.8

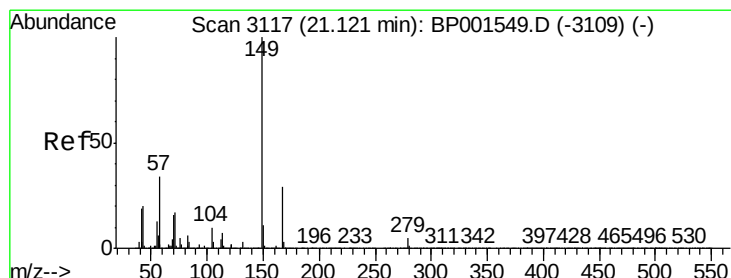
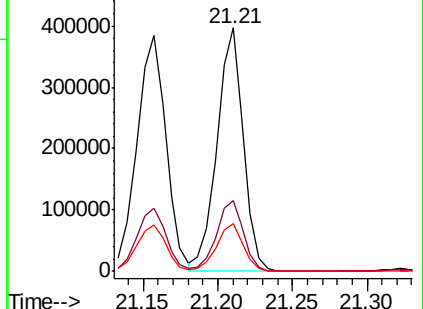
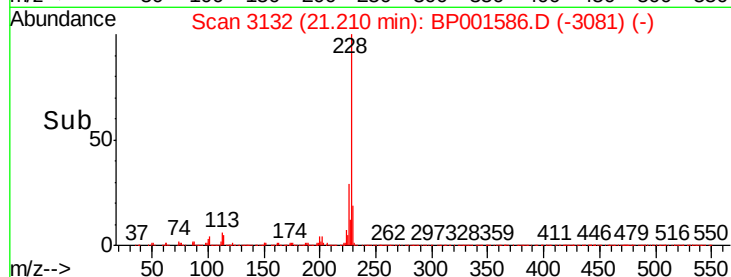
229 19.8 15.2 22.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.420 ng

RT: 21.11 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

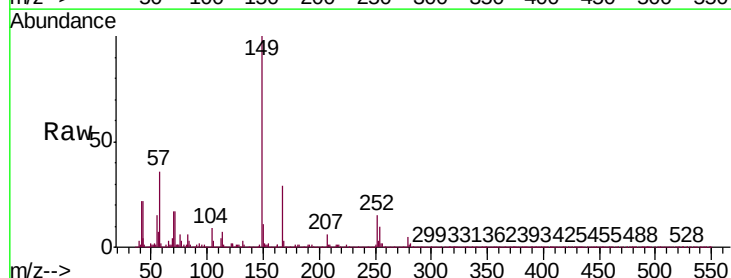
Tgt Ion:149 Resp: 252297

Ion Ratio Lower Upper

149 100

167 29.5 23.5 35.3

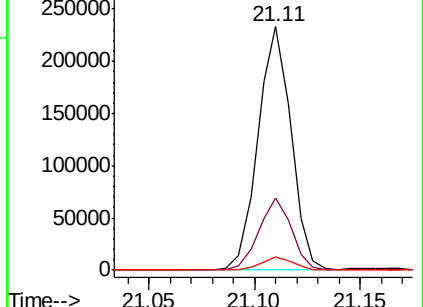
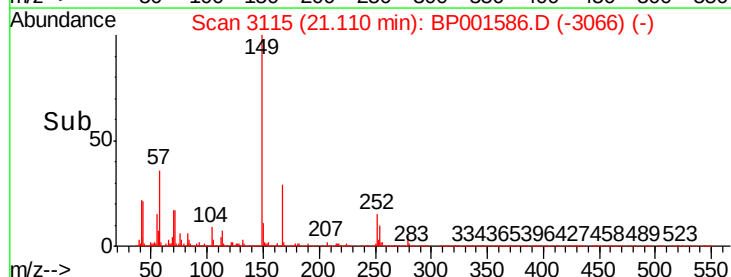
279 5.4 4.0 6.0

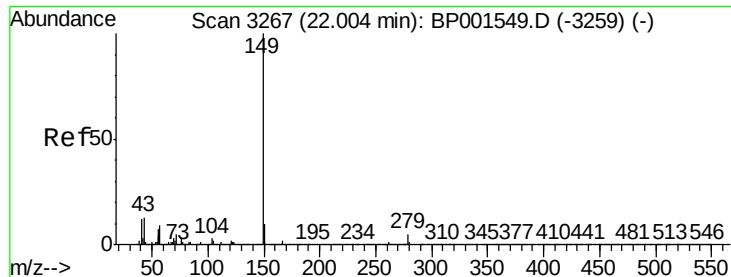


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.374 ng

RT: 22.00 min Scan# 3266

Delta R.T. -0.01 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

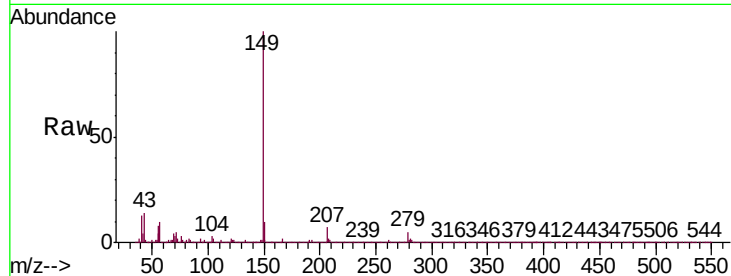
Tgt Ion:149 Resp: 391873

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

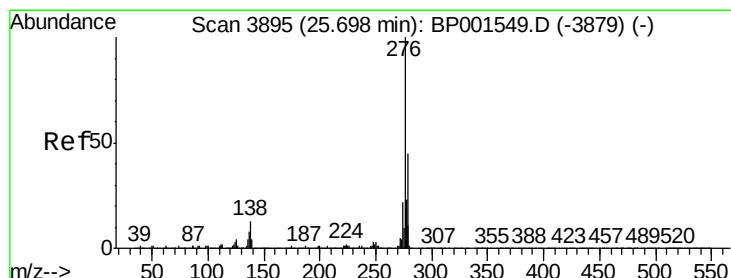
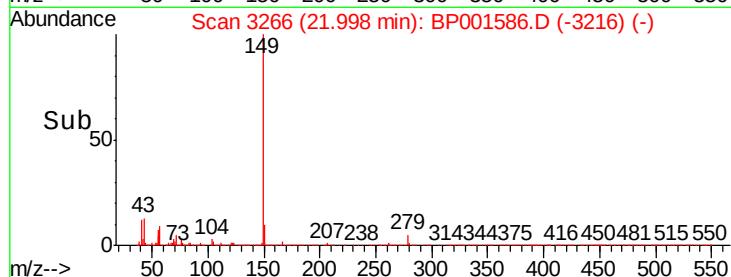
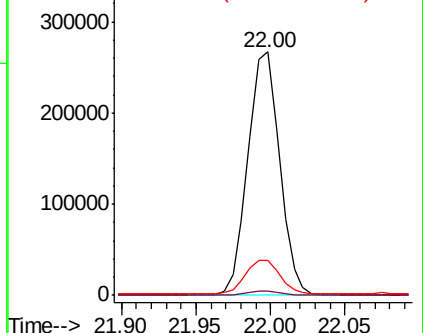
43 14.5 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 18.138 ng

RT: 25.81 min Scan# 3914

Delta R.T. 0.11 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

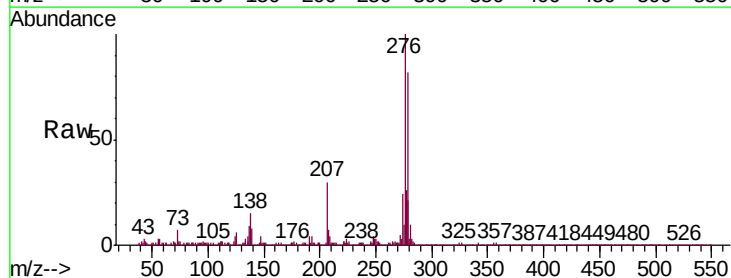
Tgt Ion:276 Resp: 235015

Ion Ratio Lower Upper

276 100

138 17.5 11.1 16.7#

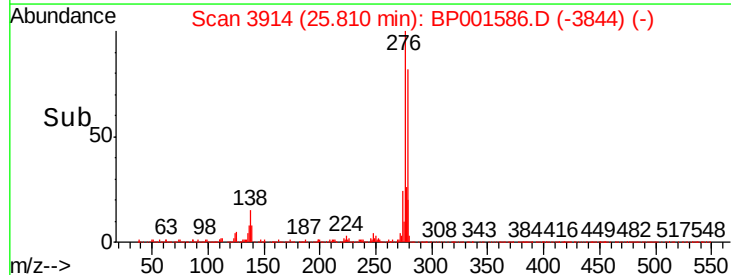
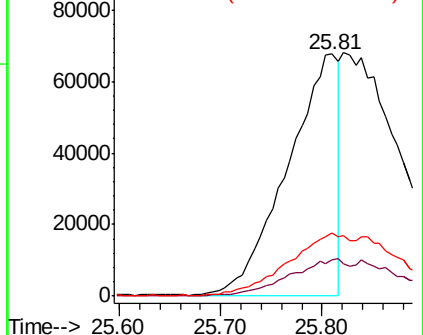
277 32.7 20.4 30.6#

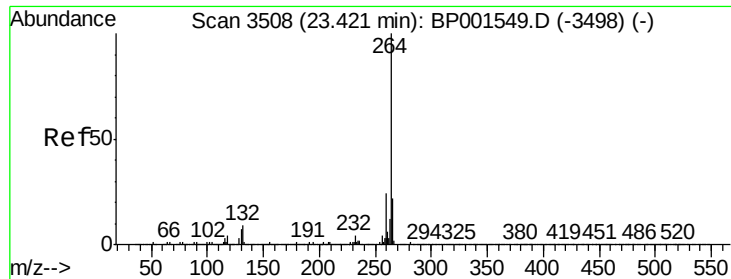


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



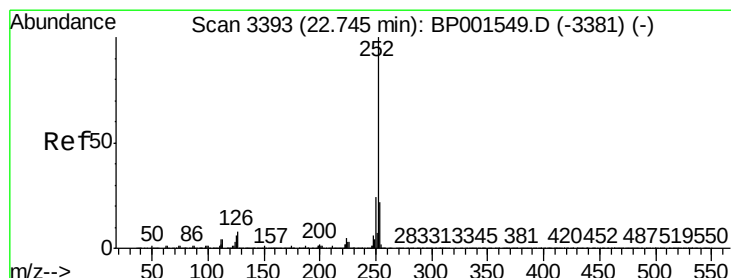
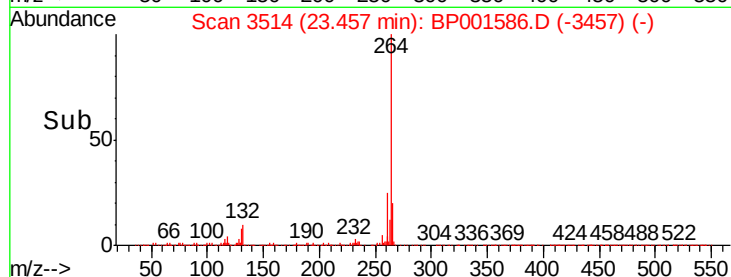
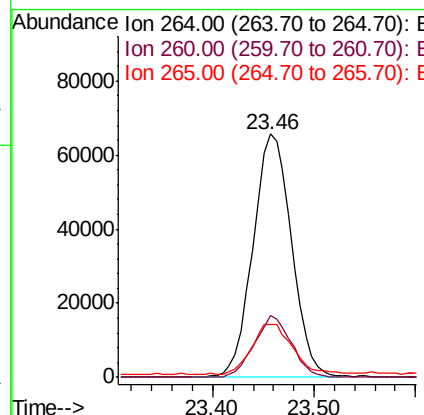
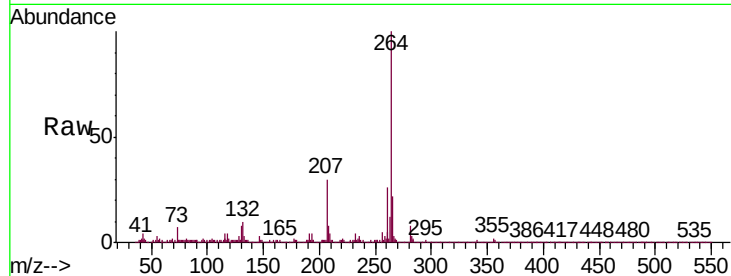


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3514
Delta R.T. 0.04 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Instrument :
BNA_P
ClientSampleId :
TP-1MSD

Tgt Ion: 264 Resp: 173073

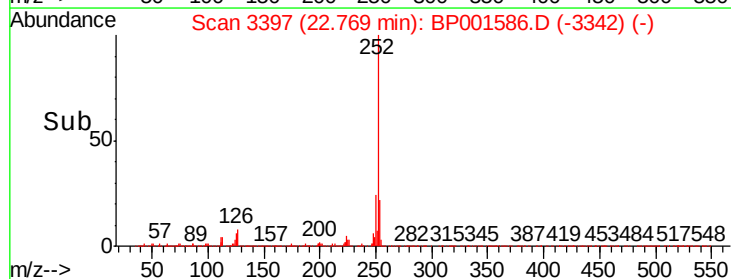
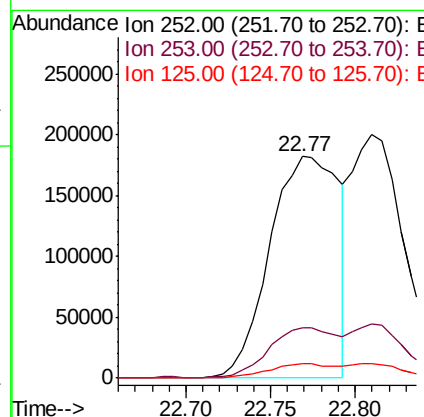
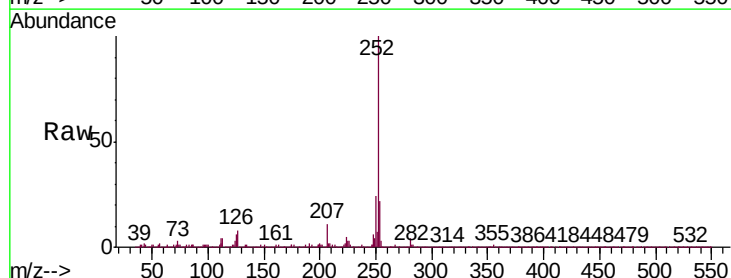
Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.0	28.6
265	21.5	18.2	27.4

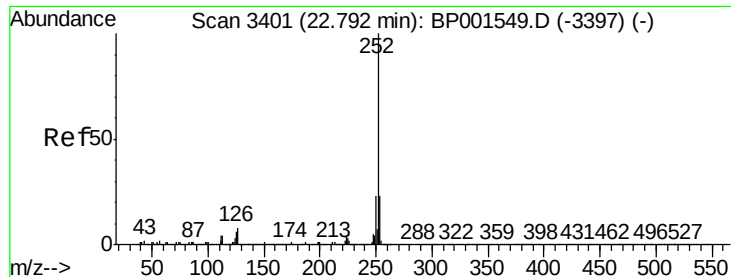


#88
Benzo(b)fluoranthene
Concen: 47.334 ng
RT: 22.77 min Scan# 3397
Delta R.T. 0.02 min
Lab File: BP001586.D
Acq: 09 Jan 2020 19:05

Tgt Ion: 252 Resp: 516231

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	6.4	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 48.547 ng

RT: 22.77 min Scan# 3397

Delta R.T. -0.02 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

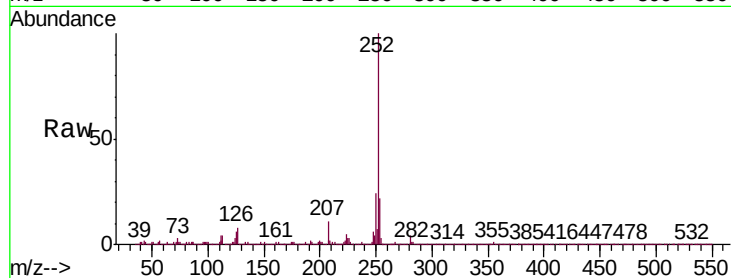
Tgt Ion:252 Resp: 516231

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

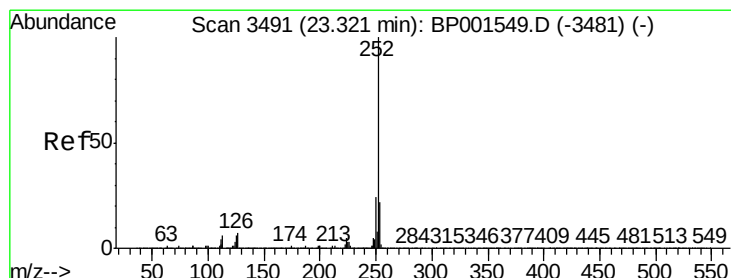
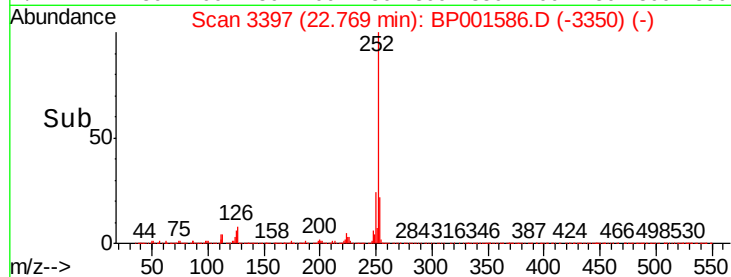
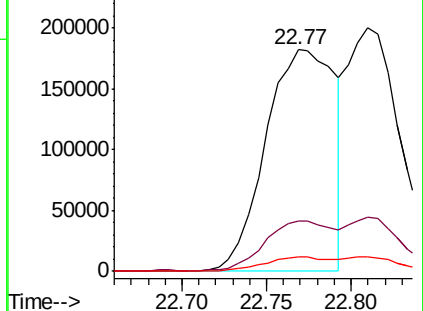
125 6.4 4.6 6.8



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



#90

Benzo(a)pyrene

Concen: 42.801 ng

RT: 23.36 min Scan# 3498

Delta R.T. 0.04 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

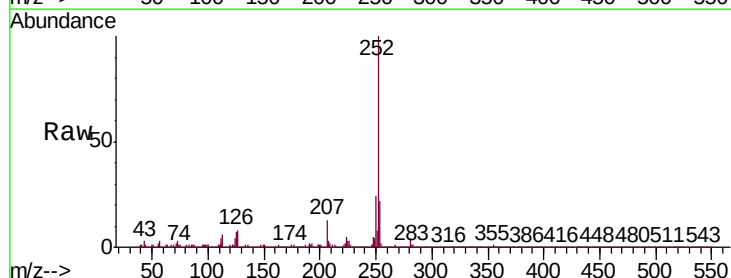
Tgt Ion:252 Resp: 443213

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

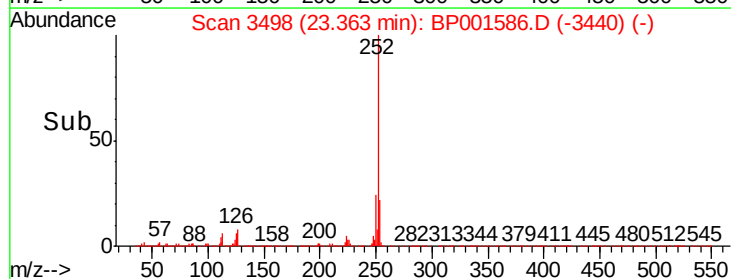
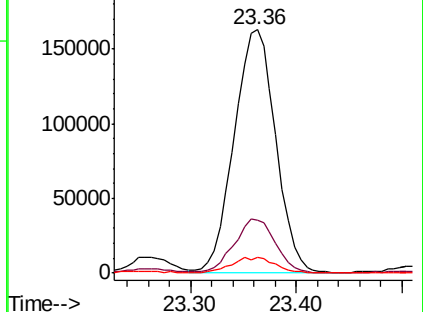
125 6.5 5.0 7.4

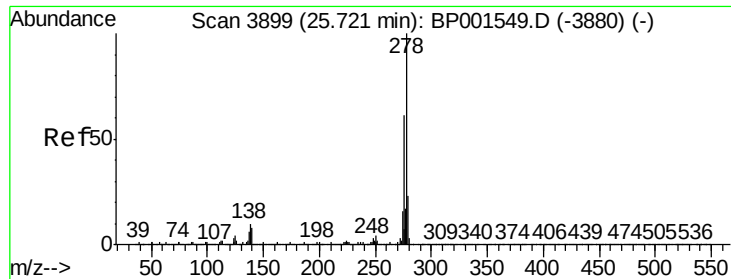


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.914 ng

RT: 25.82 min Scan# 3916

Delta R.T. 0.10 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

Instrument :

BNA_P

ClientSampleId :

TP-1MSD

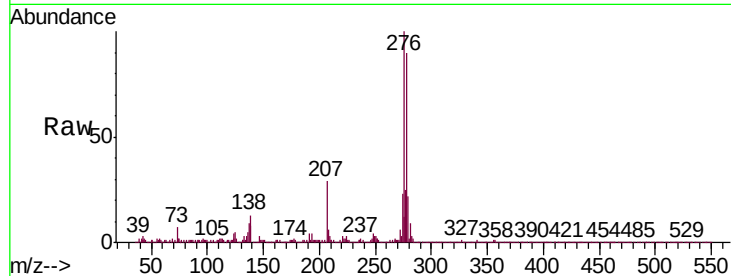
Tgt Ion:278 Resp: 426439

Ion Ratio Lower Upper

278 100

139 9.2 6.7 10.1

279 24.9 18.6 28.0

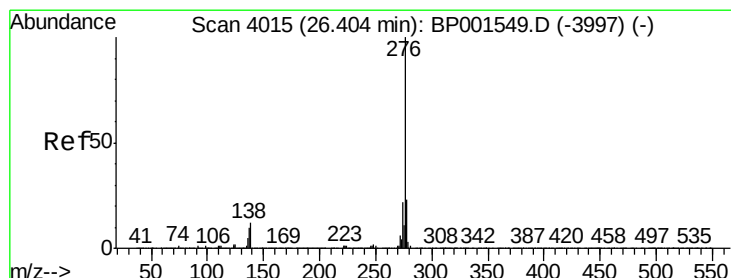
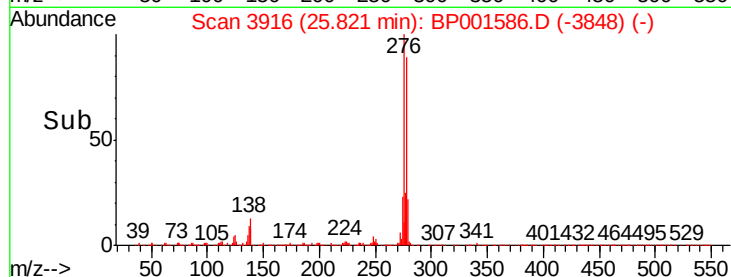
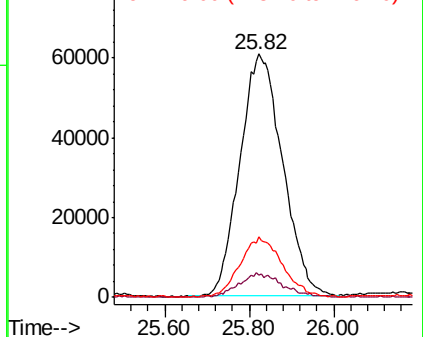


Abundance

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: 41.506 ng

RT: 26.58 min Scan# 4045

Delta R.T. 0.18 min

Lab File: BP001586.D

Acq: 09 Jan 2020 19:05

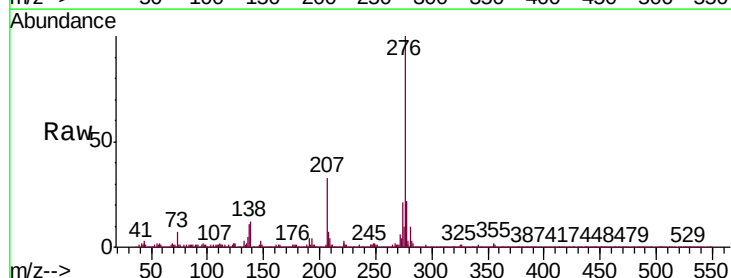
Tgt Ion:276 Resp: 440842

Ion Ratio Lower Upper

276 100

277 21.7 18.6 28.0

138 11.9 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

