

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
 Data File : BP002679.D
 Acq On : 08 Jul 2020 17:27
 Operator : CG/JU
 Sample : L3203-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-24MSD

Quant Time: Jul 08 18:05:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	125761	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	586254	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	406739	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	978762	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1053452	20.00	ng	0.00
86) Perylene-d12	23.29	264	1179186	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	993668	133.78	ng	0.00
7) Phenol-d6	6.77	99	1458503	140.68	ng	0.00
23) Nitrobenzene-d5	8.71	82	868707	76.35	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	570997	115.42	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	1966670	71.17	ng	0.00
79) Terphenyl-d14	19.57	244	3327962	68.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	107120	33.648	ng	99
3) Pyridine	3.52	79	394420	41.803	ng	98
4) n-Nitrosodimethylamine	3.43	42	168778	42.140	ng	92
6) Aniline	6.90	93	558656	42.895	ng	98
8) 2-Chlorophenol	7.14	128	463022	56.117	ng	97
9) Benzaldehyde	6.71	77	145177	24.573	ng	99
10) Phenol	6.80	94	649950	62.168	ng	94
11) bis(2-Chloroethyl)ether	7.00	93	416471	48.535	ng	97
12) 1,3-Dichlorobenzene	7.46	146	414479	43.533	ng	100
13) 1,4-Dichlorobenzene	7.60	146	422265	43.533	ng	99
14) 1,2-Dichlorobenzene	7.92	146	415913	44.545	ng	100
15) Benzyl Alcohol	7.81	79	408390	52.424	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	566134	47.354	ng	99
17) 2-Methylphenol	8.03	107	417150	53.307	ng	97
18) Hexachloroethane	8.63	117	145714	41.623	ng	99
19) n-Nitroso-di-n-propylamine	8.37	70	322906	47.471	ng	97
20) 3+4-Methylphenols	8.36	107	567279	53.769	ng	97
22) Acetophenone	8.38	105	638115	43.004	ng	98
24) Nitrobenzene	8.75	77	523648	43.481	ng	100
25) Isophorone	9.28	82	975242	42.765	ng	99
26) 2-Nitrophenol	9.46	139	249760	45.472	ng	97
27) 2,4-Dimethylphenol	9.55	122	442996	53.227	ng	97
28) bis(2-Chloroethoxy)methane	9.76	93	598992	45.726	ng	100
29) 2,4-Dichlorophenol	10.00	162	499703	52.097	ng	97
30) 1,2,4-Trichlorobenzene	10.21	180	440744	40.815	ng	100
31) Naphthalene	10.39	128	1358233	43.765	ng	100
32) Benzoic acid	9.72	122	350211	52.564	ng	99
33) 4-Chloroaniline	10.50	127	493069	36.322	ng	100
34) Hexachlorobutadiene	10.69	225	235953	35.698	ng	98
35) Caprolactam	11.28	113	196699	61.005	ng	96
36) 4-Chloro-3-methylphenol	11.66	107	575055	54.700	ng	98
37) 2-Methylnaphthalene	12.01	142	1027055	45.388	ng	97
38) 1-Methylnaphthalene	12.23	142	965413	45.300	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	512258	40.334	ng	99

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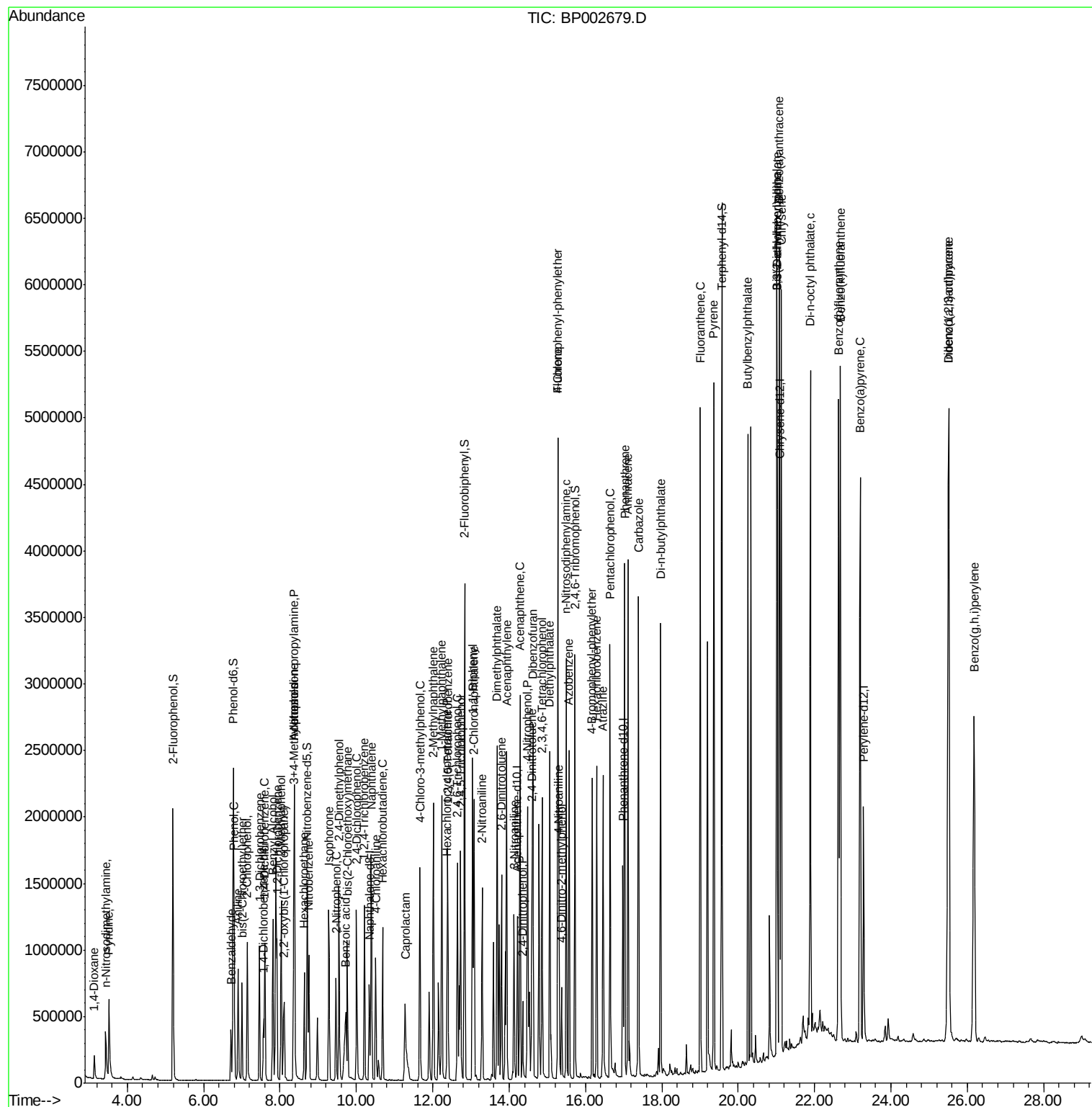
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	148196	25.510	ng	96
43) 2,4,6-Trichlorophenol	12.65	196	403019	46.898	ng	97
44) 2,4,5-Trichlorophenol	12.73	196	469635	47.474	ng	98
46) 1,1'-Biphenyl	13.05	154	1295211	42.097	ng	99
47) 2-Chloronaphthalene	13.08	162	1046834	41.798	ng	98
48) 2-Nitroaniline	13.29	65	393903	49.300	ng	94
49) Acenaphthylene	13.93	152	1764175	44.758	ng	99
50) Dimethylphthalate	13.69	163	1653002	51.744	ng	100
51) 2,6-Dinitrotoluene	13.80	165	316547	45.880	ng	97
52) Acenaphthene	14.28	154	1028440	44.224	ng	98
53) 3-Nitroaniline	14.13	138	314015	41.799	ng	98
54) 2,4-Dinitrophenol	14.35	184	150617	38.398	ng	92
55) Dibenzofuran	14.62	168	1669075	44.288	ng	98
56) 4-Nitrophenol	14.48	139	670985	112.134	ng	93
57) 2,4-Dinitrotoluene	14.60	165	447975	48.267	ng	98
58) Fluorene	15.27	166	1276460	44.473	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.86	232	413894	51.793	ng	99
60) Diethylphthalate	15.06	149	1338578	42.138	ng	100
61) 4-Chlorophenyl-phenylether	15.27	204	620326	40.301	ng	95
62) 4-Nitroaniline	15.30	138	384270	51.178	ng	90
63) Azobenzene	15.57	77	1441839	46.941	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	155961	26.069	ng	96
66) n-Nitrosodiphenylamine	15.49	169	1219625	42.685	ng	98
67) 4-Bromophenyl-phenylether	16.17	248	435689	39.612	ng	94
68) Hexachlorobenzene	16.29	284	483583	41.040	ng	100
69) Atrazine	16.46	200	409887	44.708	ng	98
70) Pentachlorophenol	16.65	266	634693	93.778	ng	99
71) Phenanthrene	17.02	178	2329637	44.238	ng	98
72) Anthracene	17.11	178	2381507	45.445	ng	99
73) Carbazole	17.39	167	2367505	46.747	ng	99
74) Di-n-butylphthalate	17.96	149	2508928	42.065	ng	99
75) Fluoranthene	19.01	202	3069582	48.155	ng	97
77) Benzidine	19.19	184	2056292	Below	Cal	99
78) Pyrene	19.36	202	3147555	43.896	ng	99
80) Butylbenzylphthalate	20.25	149	1312953	41.942	ng	100
81) Benzo(a)anthracene	21.07	228	3061364	44.451	ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	1115363	44.235	ng	98
83) Chrysene	21.13	228	2849050	43.140	ng	97
84) Bis(2-ethylhexyl)phthalate	21.02	149	1689057	37.575	ng	98
85) Di-n-octyl phthalate	21.89	149	3412693	42.983	ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	3542552	41.724	ng	97
88) Benzo(b)fluoranthene	22.63	252	3504948	46.582	ng	97
89) Benzo(k)fluoranthene	22.67	252	3261978	46.471	ng	99
90) Benzo(a)pyrene	23.19	252	3204512	46.410	ng	99
91) Dibenzo(a,h)anthracene	25.52	278	2869007	41.353	ng	98
92) Benzo(g,h,i)perylene	26.17	276	2950227	42.520	ng	97

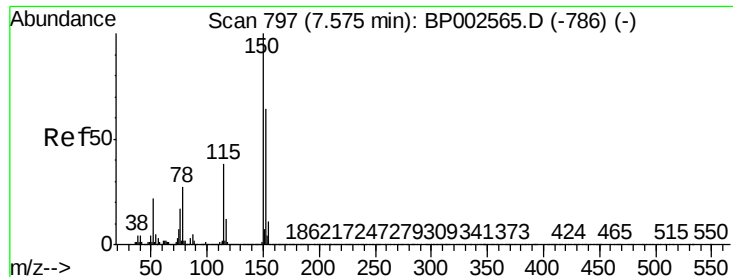
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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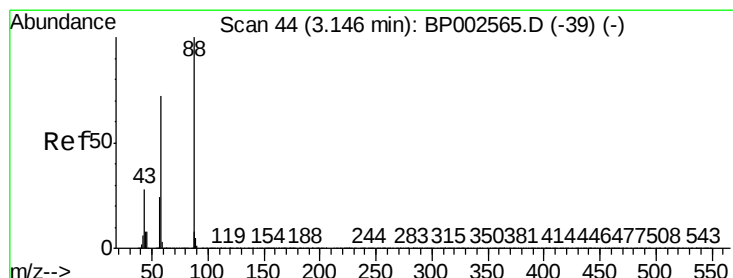
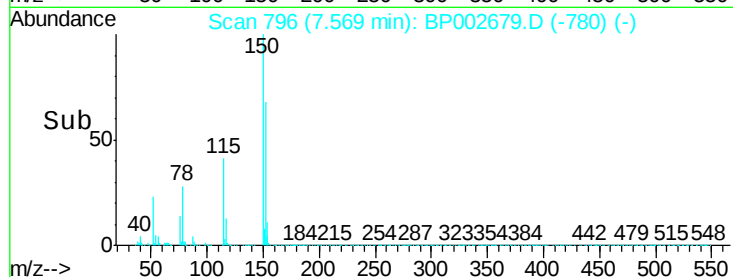
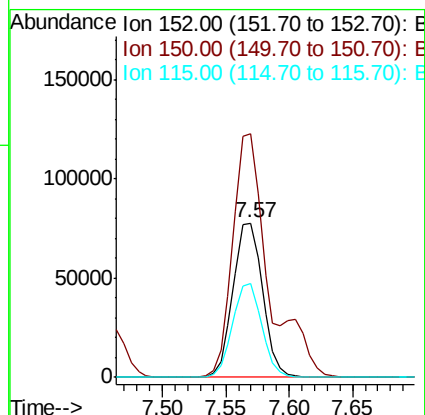
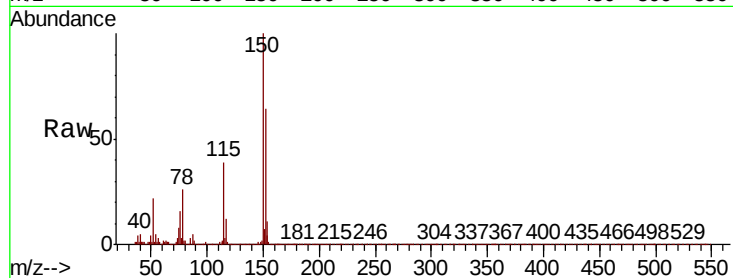


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Instrument :
BNA_P
ClientSampleId :
RO-24MSD

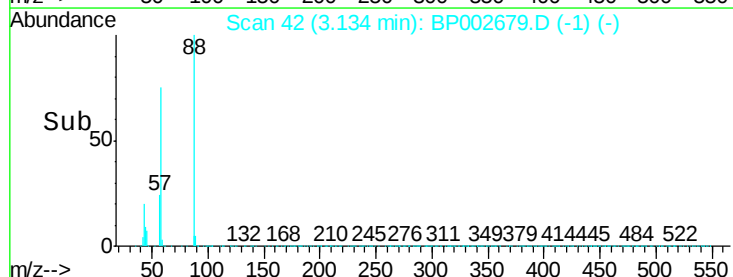
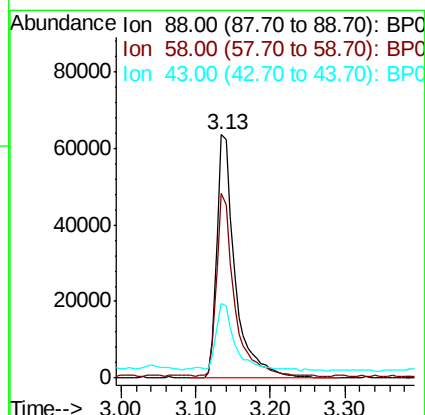
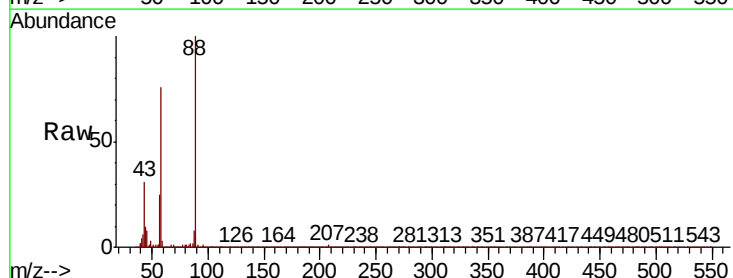
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.2	186.2
115	60.9	47.1	70.7

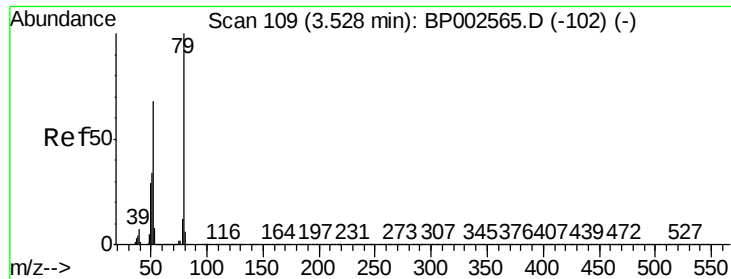


#2

1,4-Dioxane
Concen: 33.648 ng
RT: 3.13 min Scan# 42
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	58.1	87.1
43	30.2	23.2	34.8





#3

Pvridine

Concen: 41.803 ng

RT: 3.52 min Scan# 107

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :

BNA_P

ClientSampled :

RO-24MSD

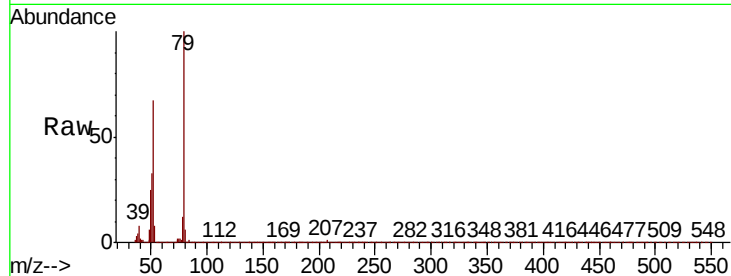
Tot Ion: 79 Resp: 394420

Ion Ratio Lower Upper

79 100

52 67.1 54.5 81.7

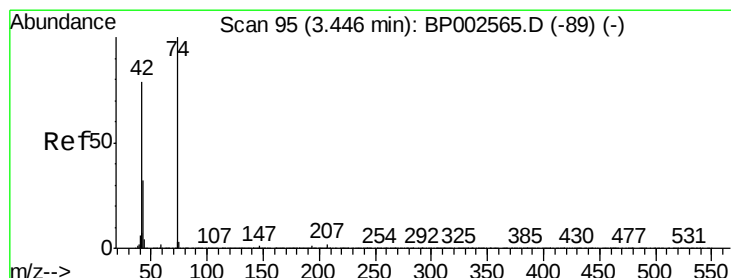
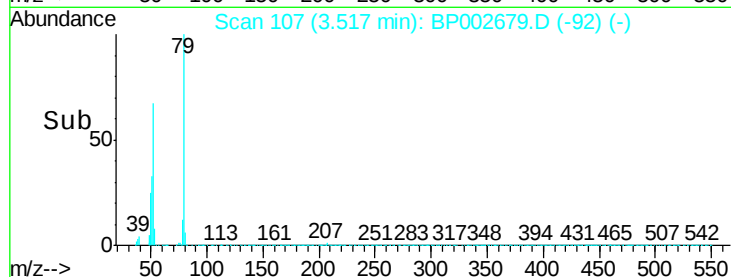
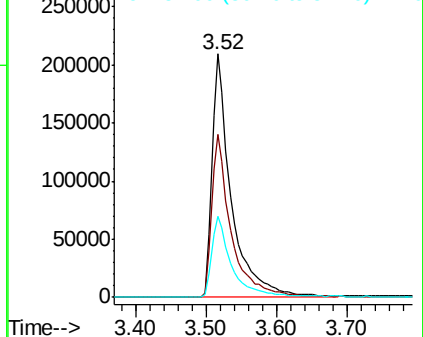
51 33.2 27.8 41.6



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 42.140 ng

RT: 3.43 min Scan# 93

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

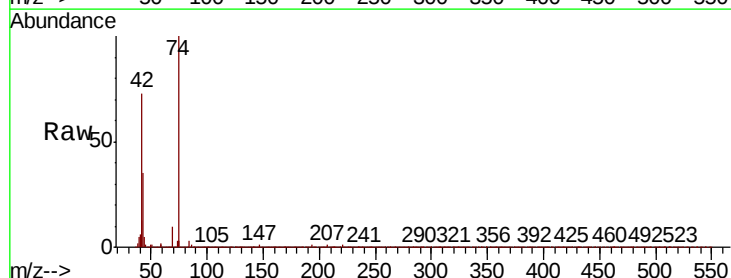
Tgt Ion: 42 Resp: 168778

Ion Ratio Lower Upper

42 100

74 136.6 101.7 152.5

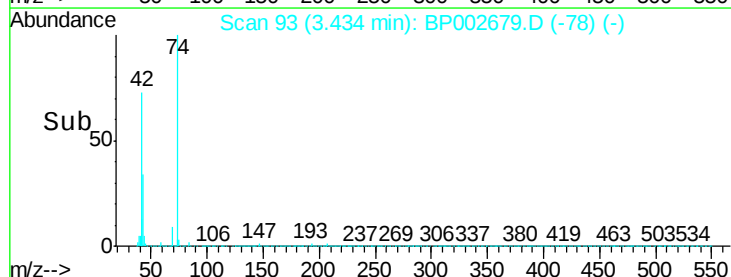
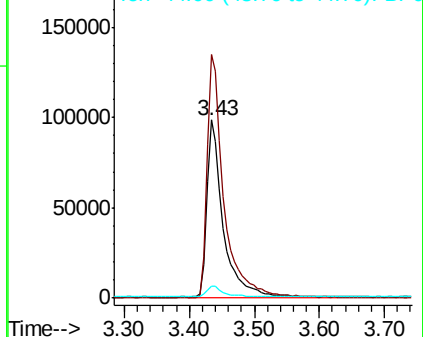
44 7.0 4.9 7.3

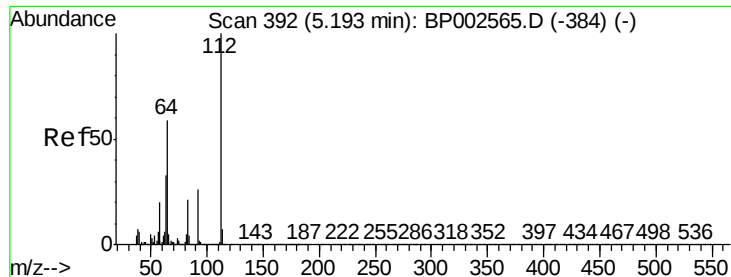


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 133.777 ng

RT: 5.20 min Scan# 393

Delta R.T. 0.01 min

Lab File: BP002679.D

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Instrument :

BNA_P

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RO-24MSD

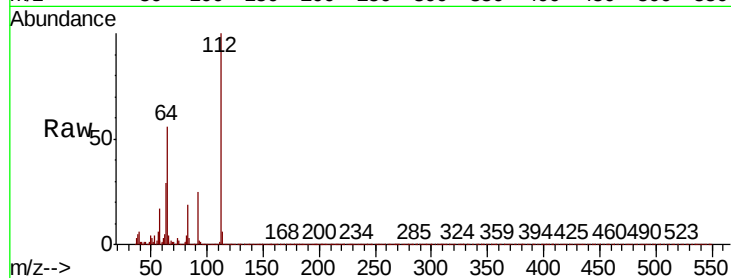
Tot Ion:112 Resp: 993668

Ion Ratio Lower Upper

112 100

64 56.3 47.0 70.6

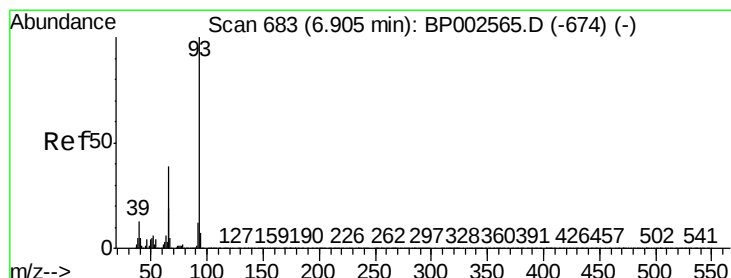
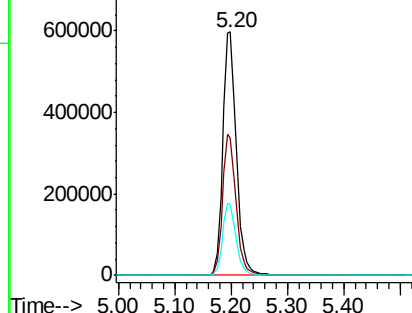
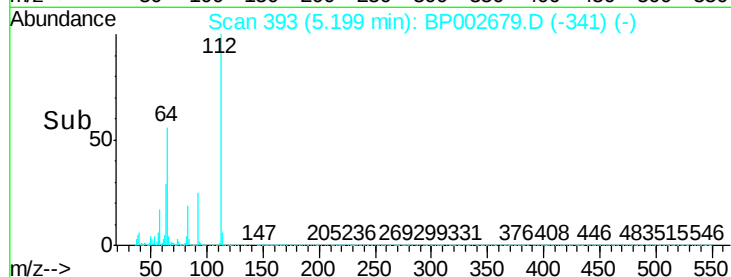
63 29.2 26.1 39.1



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: 42.895 ng

RT: 6.90 min Scan# 682

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

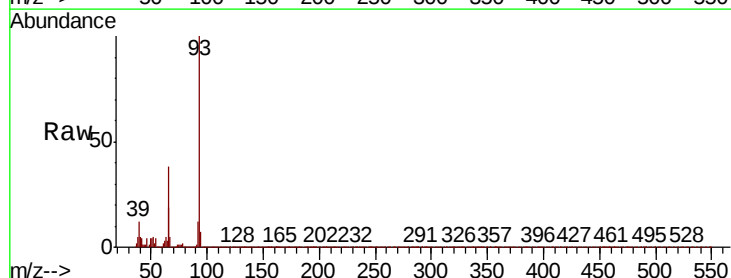
Tgt Ion: 93 Resp: 558656

Ion Ratio Lower Upper

93 100

66 37.6 31.6 47.4

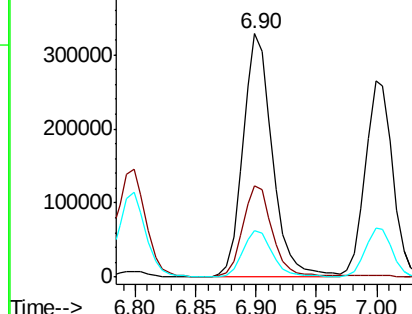
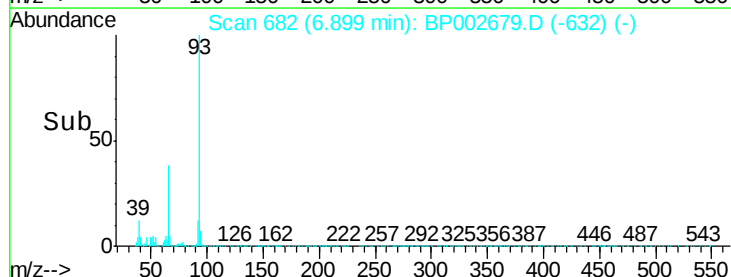
65 19.1 15.7 23.5

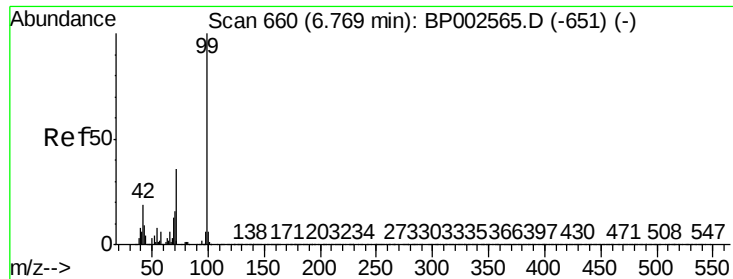


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 140.683 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.00 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :

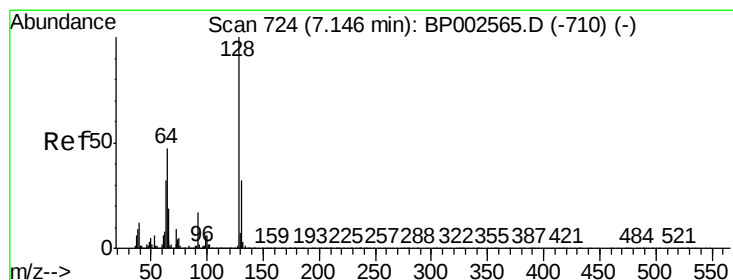
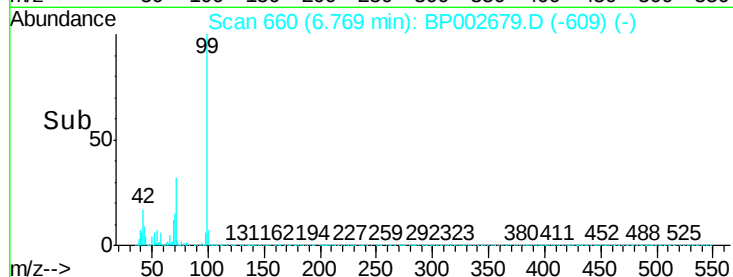
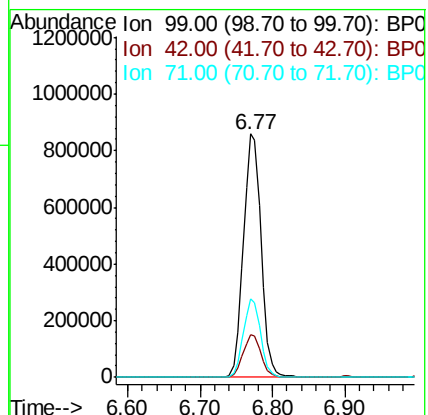
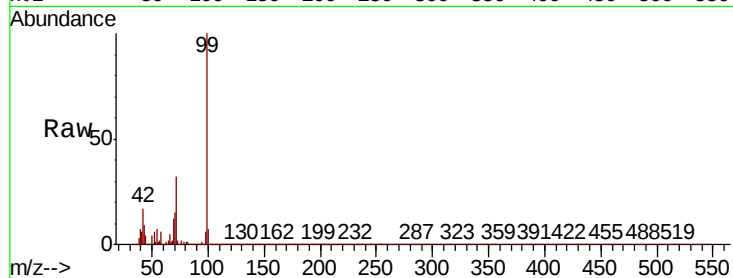
BNA_P

ClientSampleId :

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Tot Ion: 99 Resp: 1458503

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.5	23.3
71	32.1	28.9	43.3



#8

2-Chlorophenol

Concen: 56.117 ng

RT: 7.14 min Scan# 723

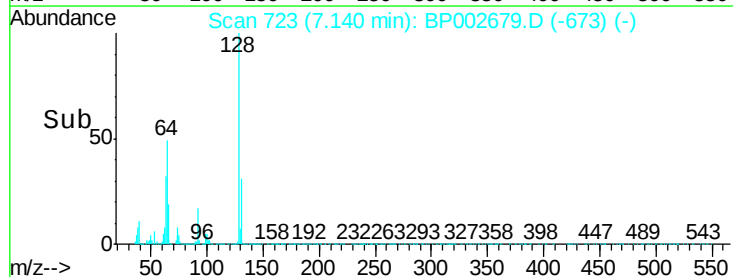
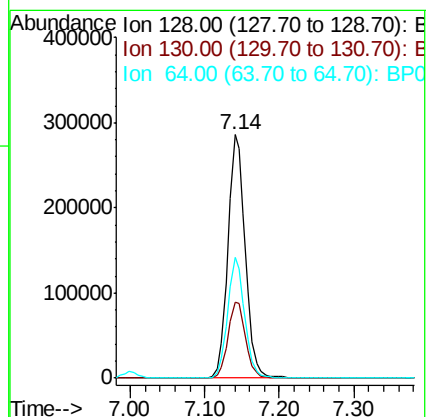
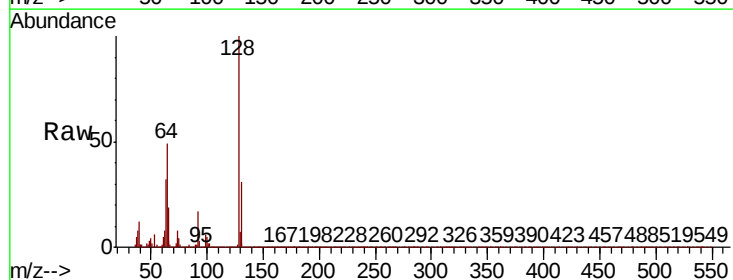
Delta R.T. -0.01 min

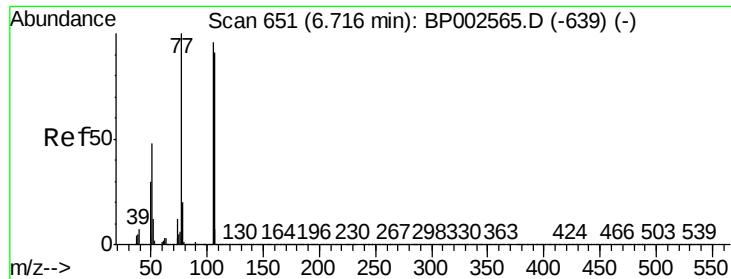
Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Tgt Ion: 128 Resp: 463022

Ion	Ratio	Lower	Upper
128	100		
130	31.3	11.8	51.8
64	49.4	26.9	66.9





#9

Benzaldehyde

Concen: 24.573 ng

RT: 6.71 min Scan# 650

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :

BNA_P

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RO-24MSD

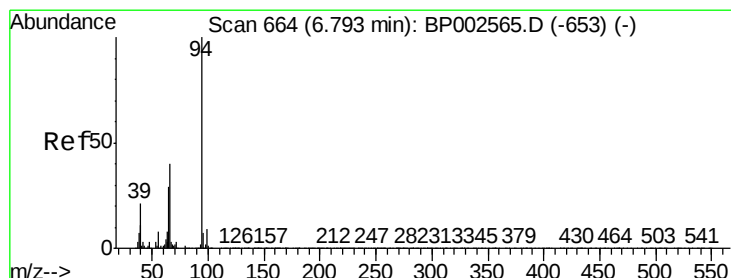
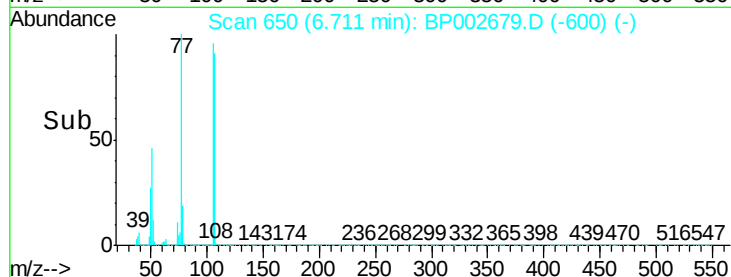
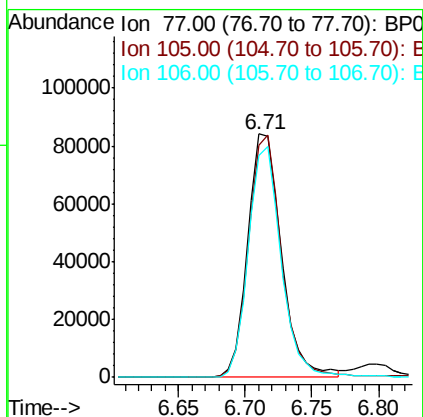
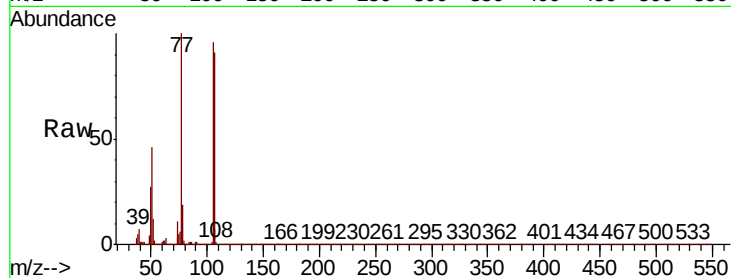
Tot Ion: 77 Resp: 145177

Ion Ratio Lower Upper

77 100

105 95.6 76.5 116.5

106 91.1 70.9 110.9



#10

Phenol

Concen: 62.168 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

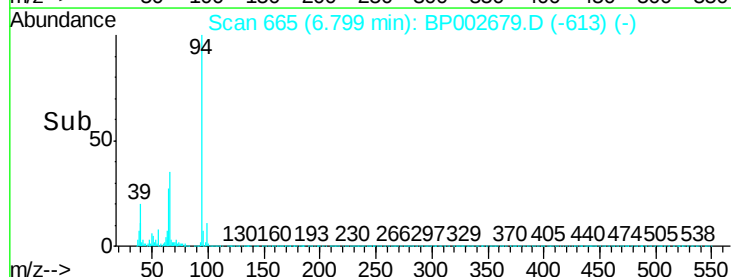
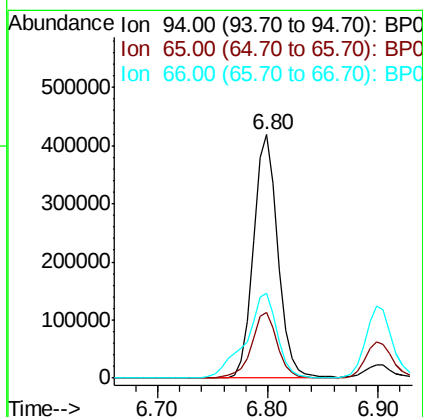
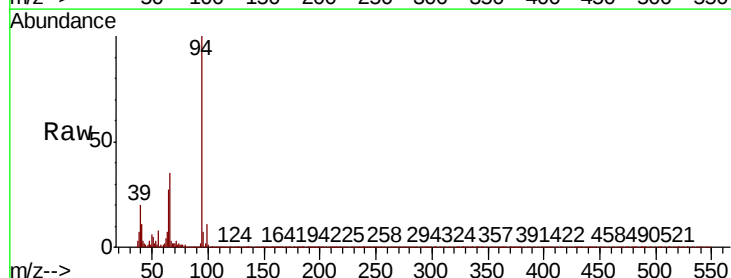
Tgt Ion: 94 Resp: 649950

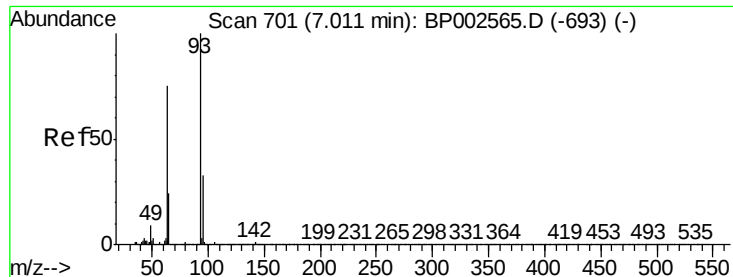
Ion Ratio Lower Upper

94 100

65 27.2 8.8 48.8

66 34.9 19.9 59.9

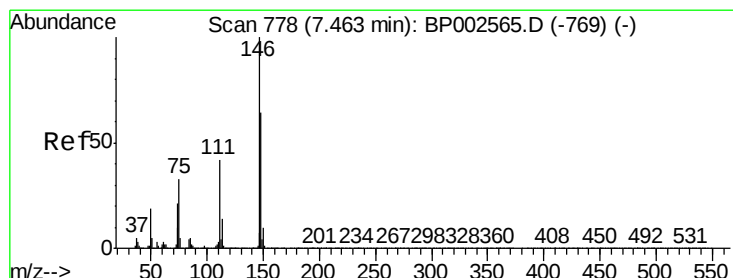
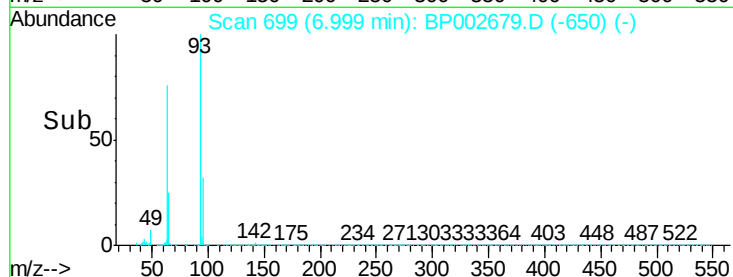
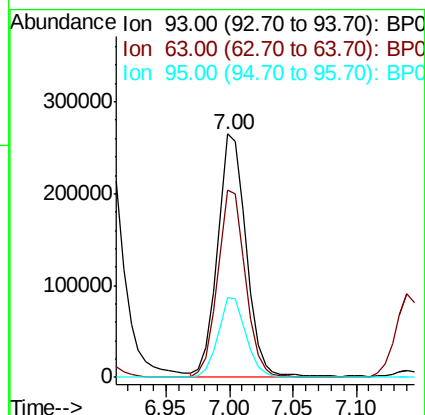
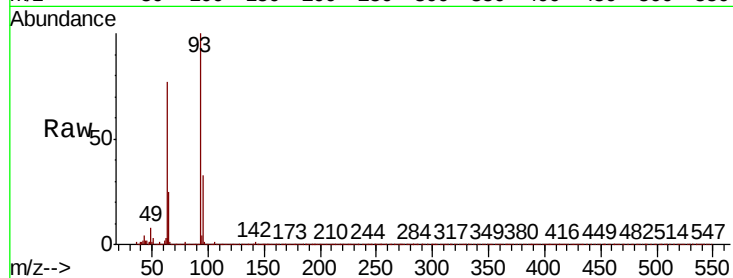




#11
bis(2-Chloroethyl)ether
Concen: 48.535 ng
RT: 7.00 min Scan# 699
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

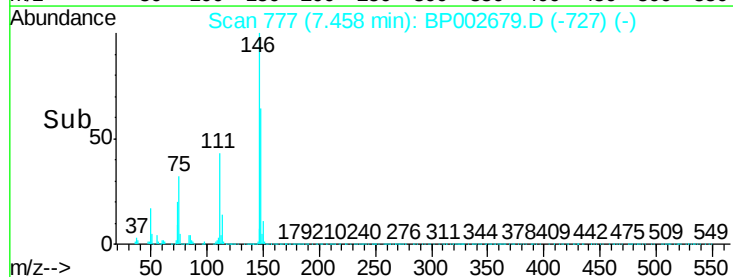
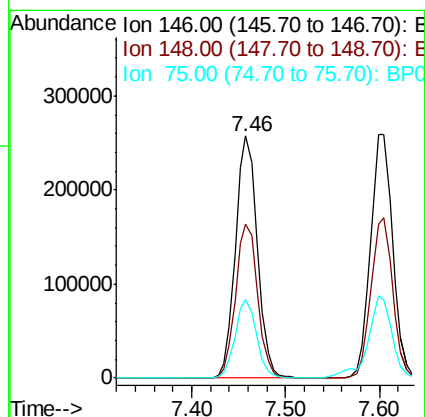
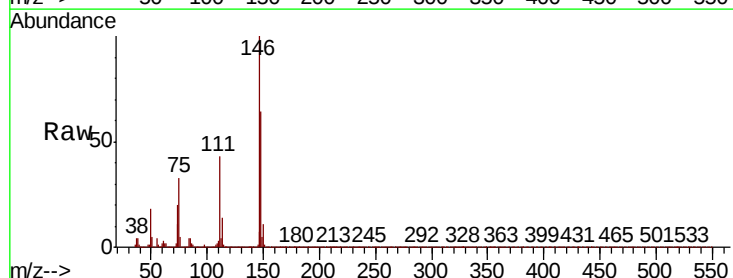
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

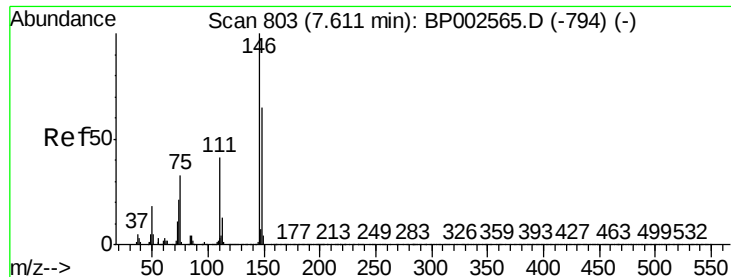
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.2	54.5	94.5
95	32.5	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 43.533 ng
RT: 7.46 min Scan# 777
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
75	32.5	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 43.533 ng

RT: 7.60 min Scan# 801

Delta R.T. -0.01 min

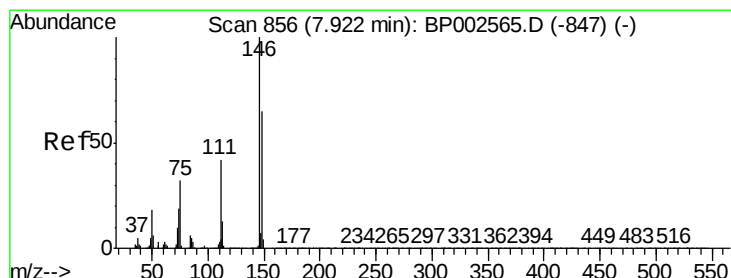
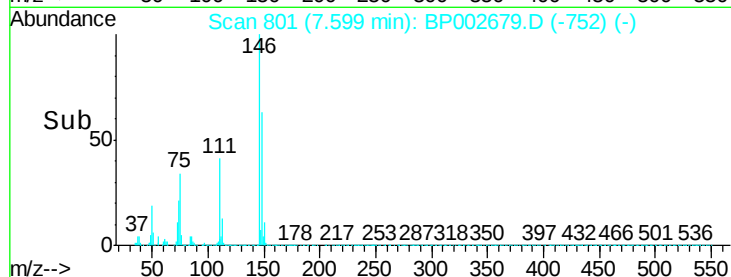
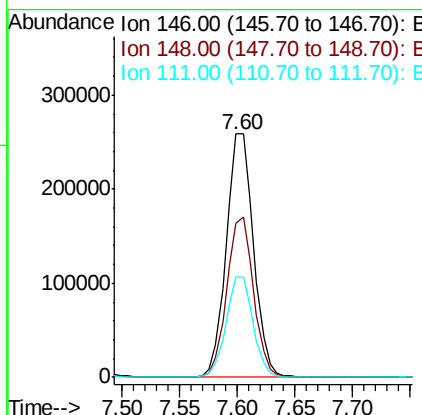
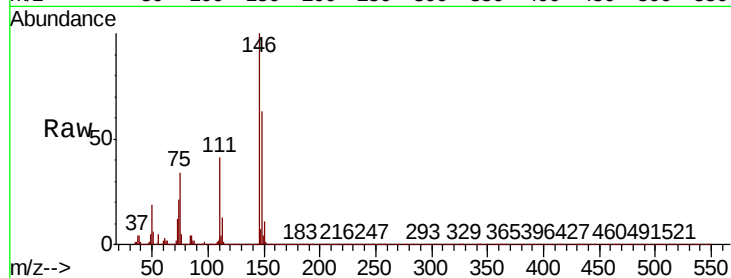
Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :
BNA_P
ClientSampleId :
RO-24MSD

Tot Ion:146 Resp: 422265

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.6
111	41.4	32.8	49.2



#14

1,2-Dichlorobenzene

Concen: 44.545 ng

RT: 7.92 min Scan# 855

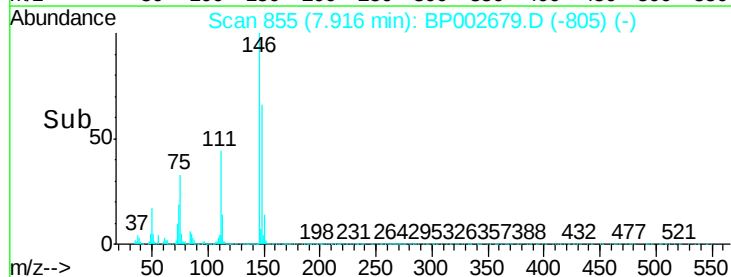
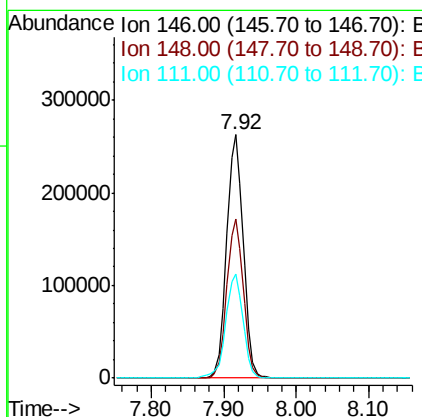
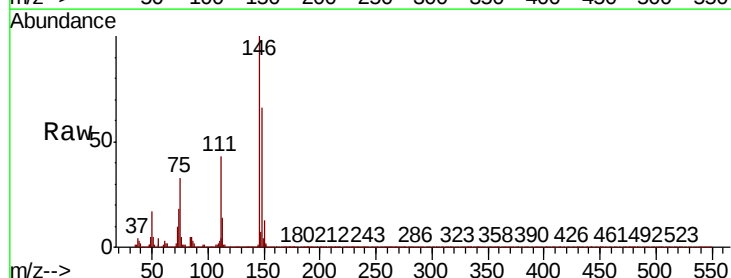
Delta R.T. -0.01 min

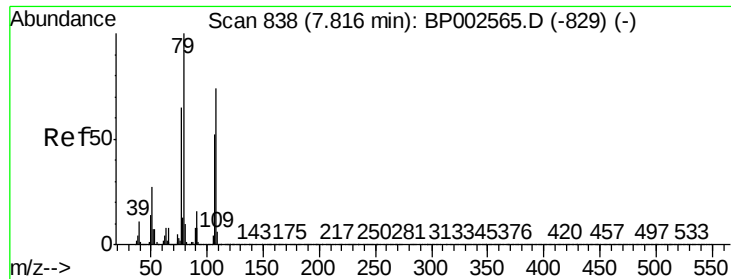
Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Tgt Ion:146 Resp: 415913

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.2
111	42.7	34.1	51.1

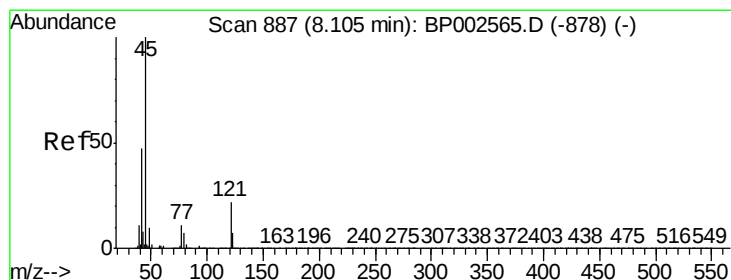
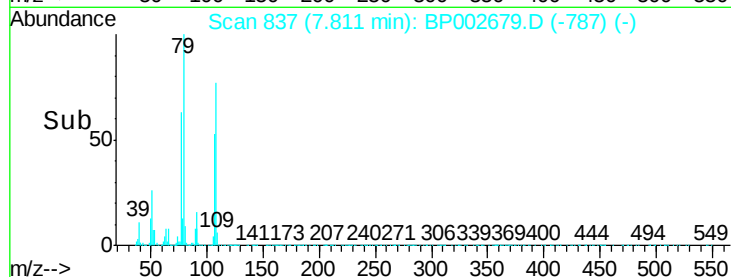
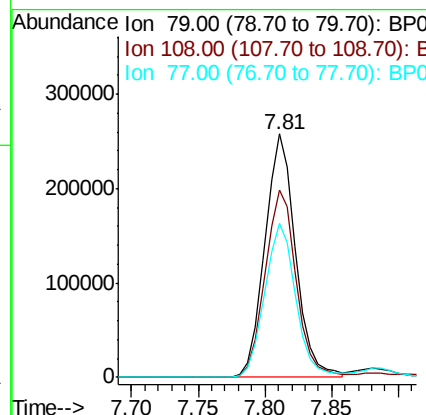
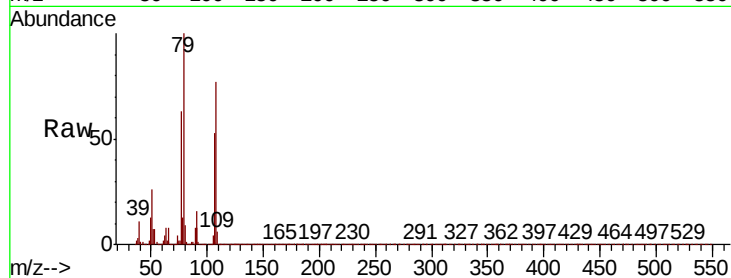




#15
Benzyl Alcohol
Concen: 52.424 ng
RT: 7.81 min Scan# 837
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

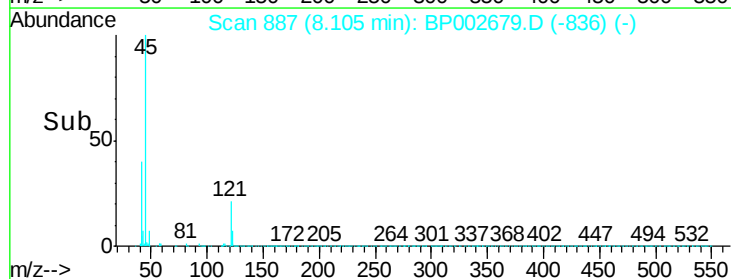
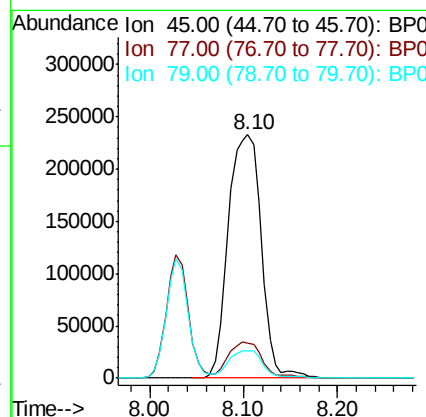
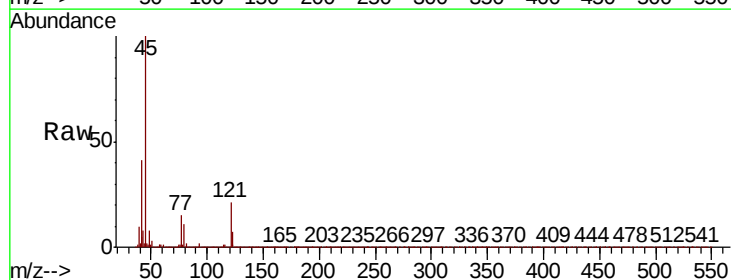
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

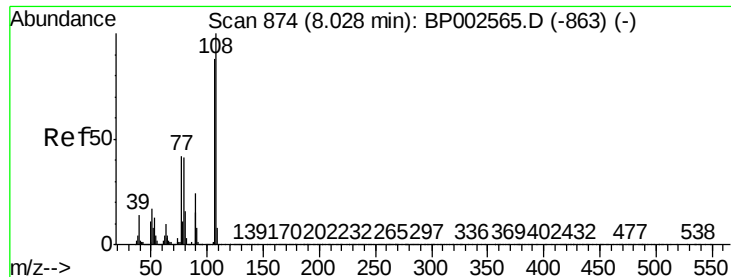
Tot Ion	Ratio	Lower	Upper
79	100		
108	77.0	59.4	89.2
77	63.3	51.9	77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.354 ng
RT: 8.10 min Scan# 887
Delta R.T. 0.00 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	35.0
79	11.2	0.0	31.1

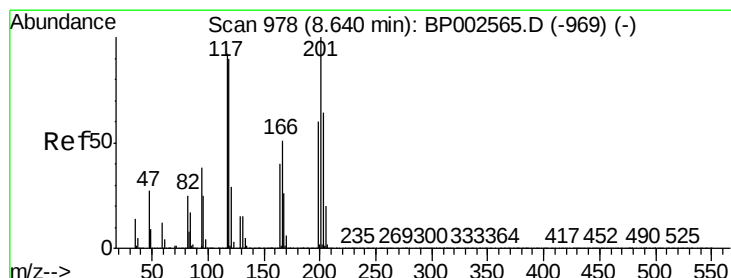
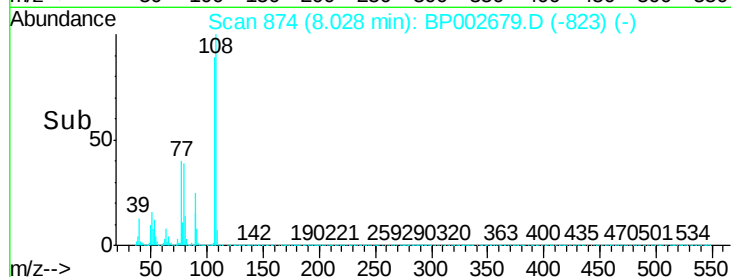
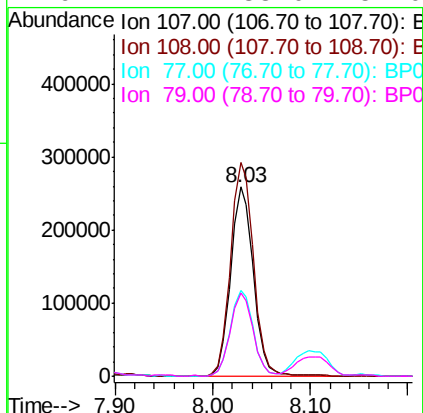
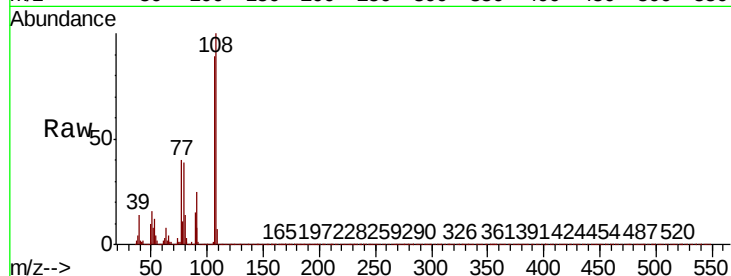




#17
2-Methylphenol
Concen: 53.307 ng
RT: 8.03 min Scan# 874
Delta R.T. 0.00 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

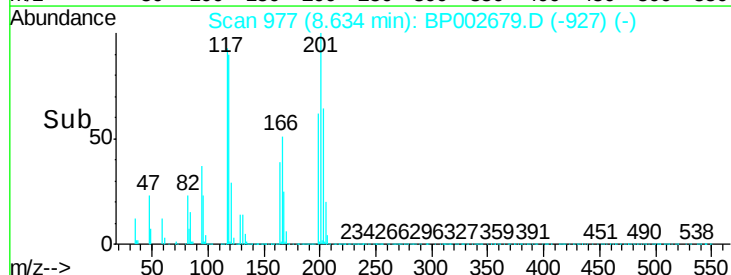
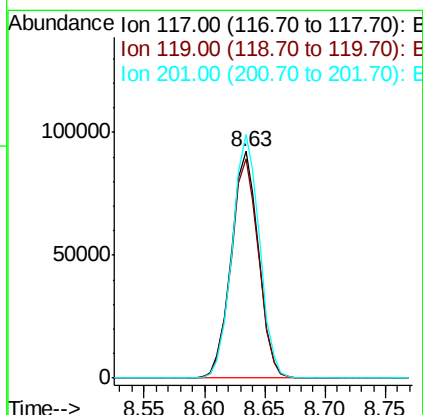
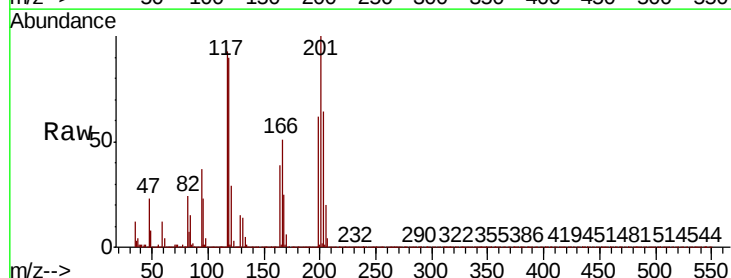
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

Tot Ion:	107	Resp:	417150
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.4	137.0
77	45.6	38.7	58.1
79	44.2	38.0	57.0



#18
Hexachloroethane
Concen: 41.623 ng
RT: 8.63 min Scan# 977
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion:	117	Resp:	145714
Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.2	117.4
201	107.5	87.0	130.6

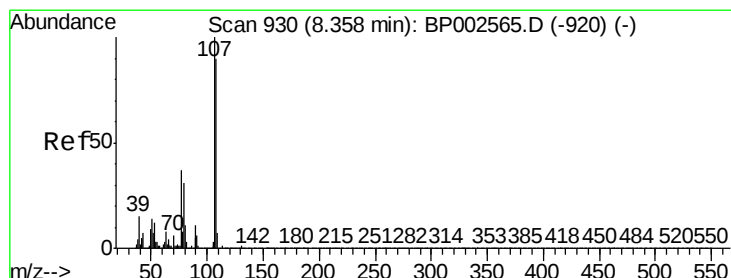
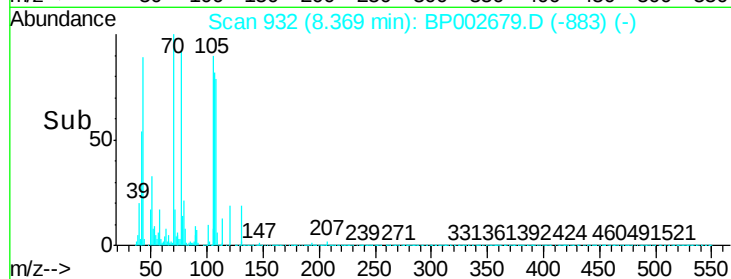
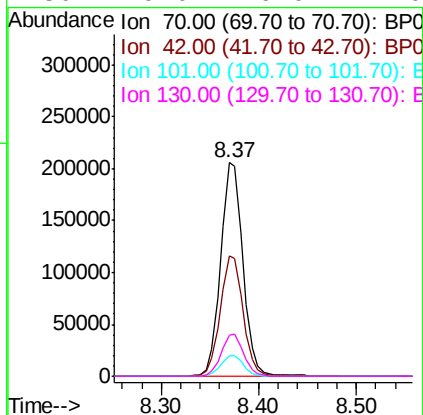
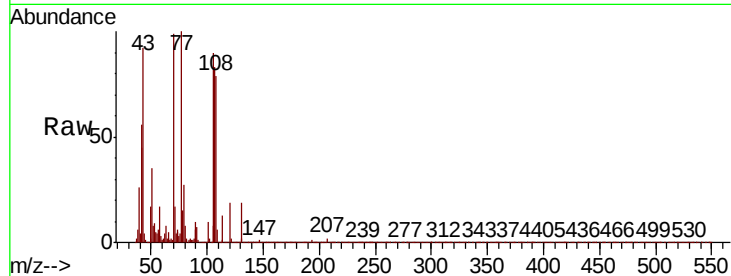




#19
n-Nitroso-di-n-propylamine
Concen: 47.471 ng
RT: 8.37 min Scan# 932
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

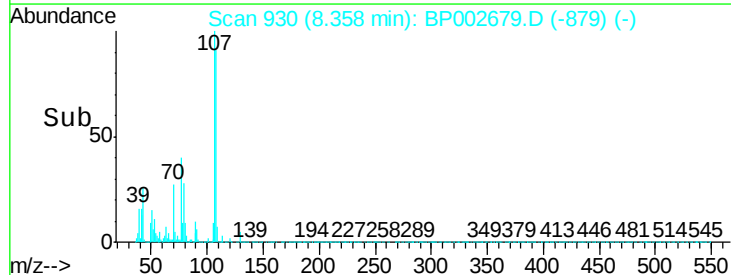
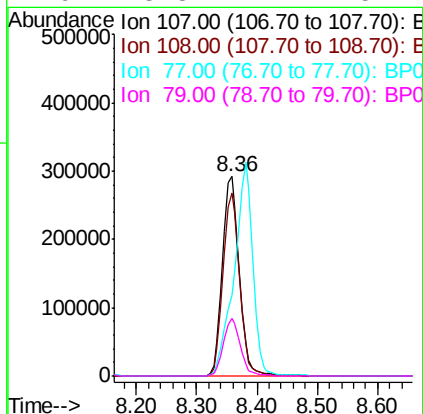
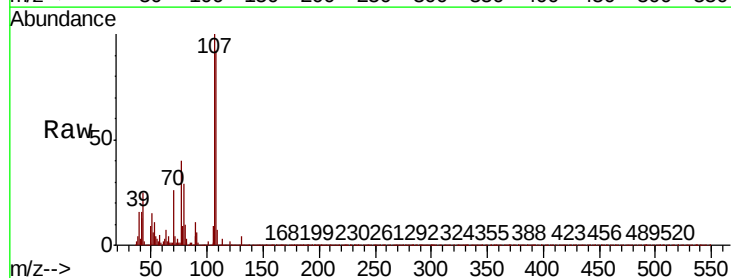
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

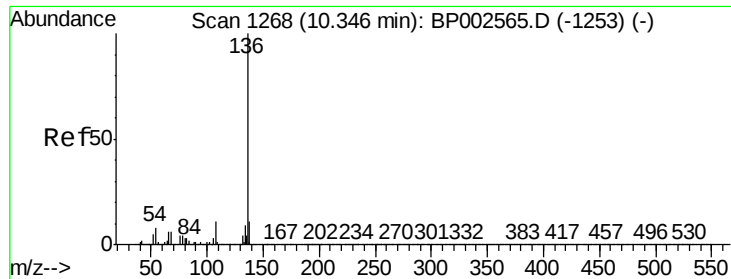
Tot Ion:	70	Resp:	322906
Ion	Ratio	Lower	Upper
70	100		
42	56.3	46.7	70.1
101	9.8	7.5	11.3
130	19.0	16.0	24.0



#20
3+4-Methylphenols
Concen: 53.769 ng
RT: 8.36 min Scan# 930
Delta R.T. 0.00 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion:	107	Resp:	567279
Ion	Ratio	Lower	Upper
107	100		
108	91.7	70.4	110.4
77	40.4	16.7	56.7
79	28.8	11.1	51.1

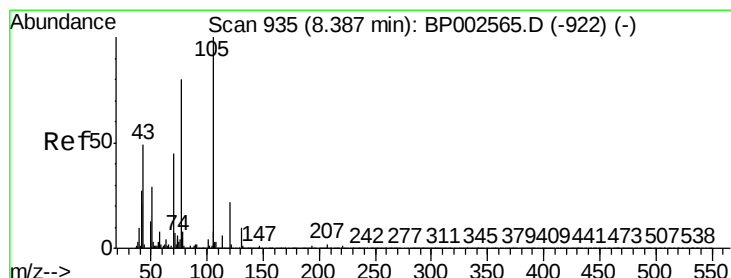
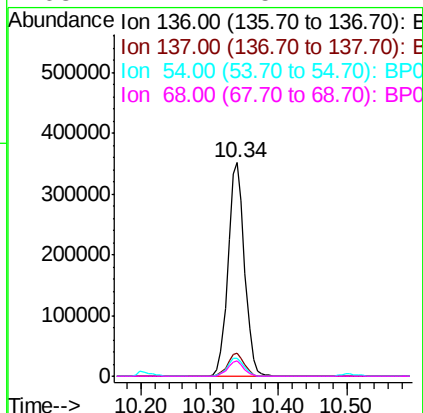
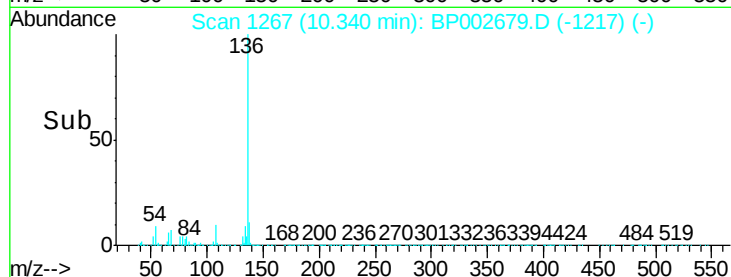
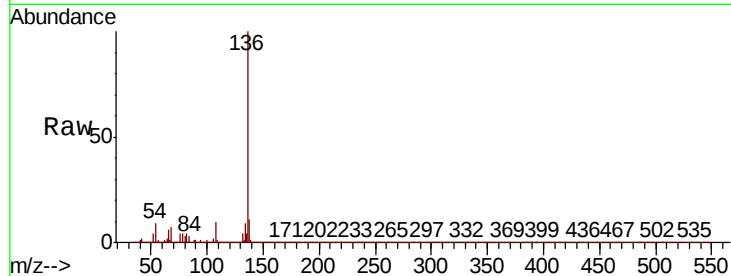




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

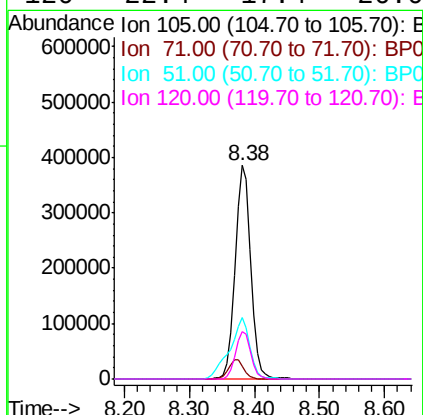
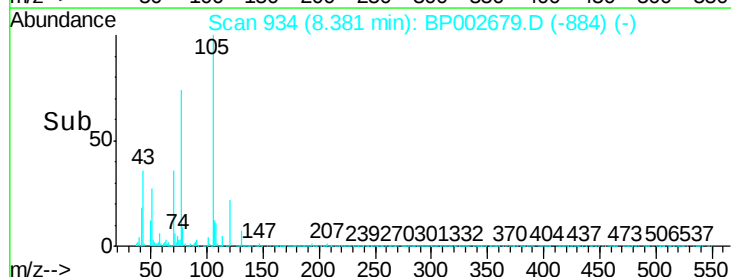
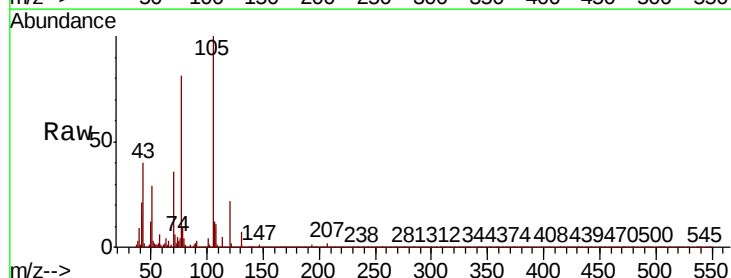
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

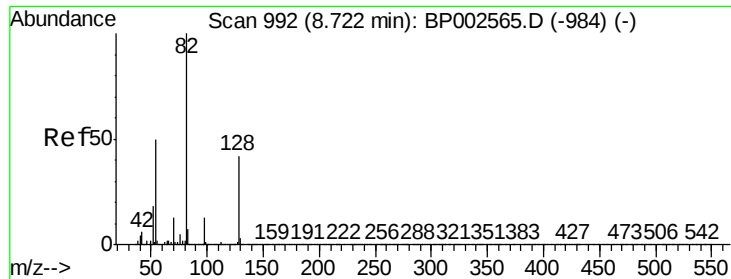
Tot Ion:136	Resp: 586254
Ion Ratio	Lower Upper
136 100	
137 10.6	8.8 13.2
54 8.7	6.4 9.6
68 7.1	5.1 7.7



#22
Acetophenone
Concen: 43.004 ng
RT: 8.38 min Scan# 934
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt	Ion:105	Resp:	638115
Ion	Ratio	Lower	Upper
105	100		
71	5.9	5.8	8.8
51	28.5	23.3	34.9
120	22.4	17.4	26.0

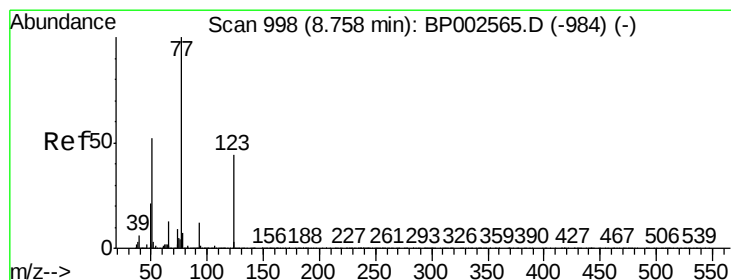
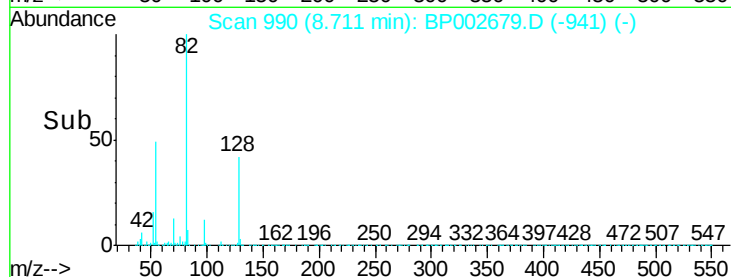
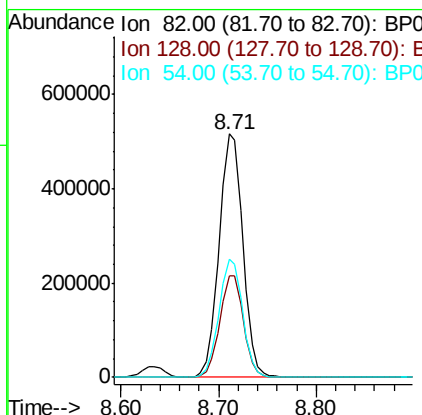
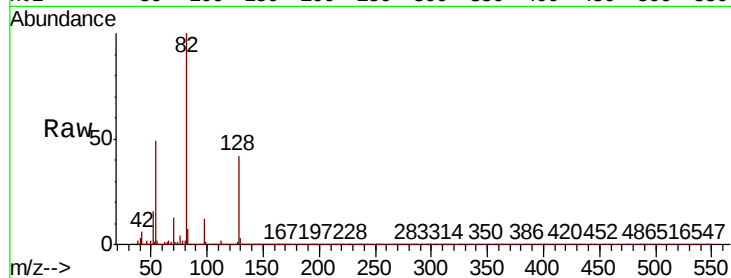




#23
 Nitrobenzene-d5
 Concen: 76.350 ng
 RT: 8.71 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BP002679.D
 Acq: 08 Jul 2020 17:27

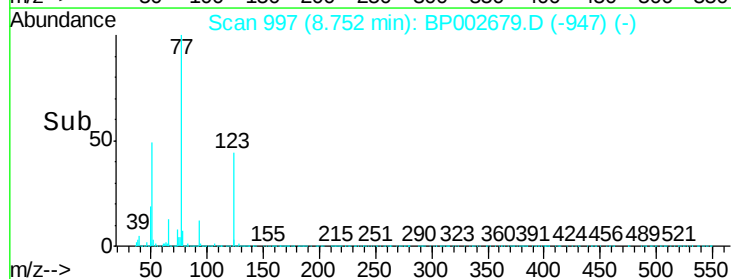
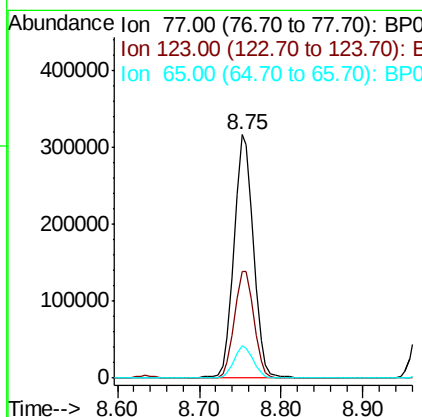
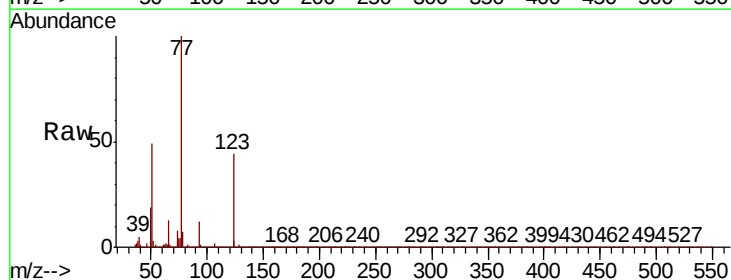
Instrument :
 BNA_P
 ClientSampleId :
 RO-24MSD

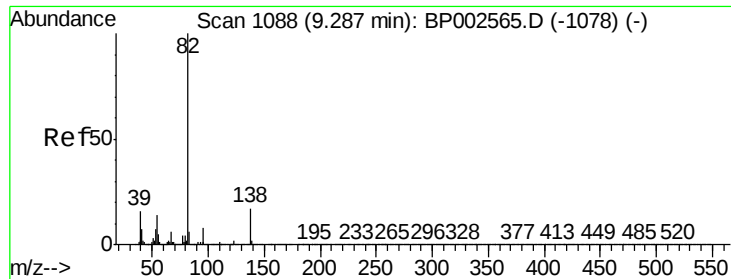
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.4	50.2
54	48.7	40.1	60.1



#24
 Nitrobenzene
 Concen: 43.481 ng
 RT: 8.75 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BP002679.D
 Acq: 08 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	35.3	52.9
65	13.3	10.6	16.0

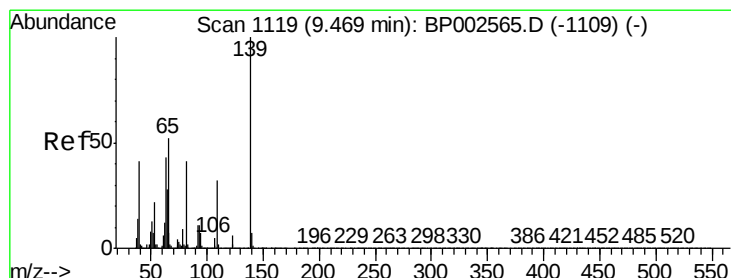
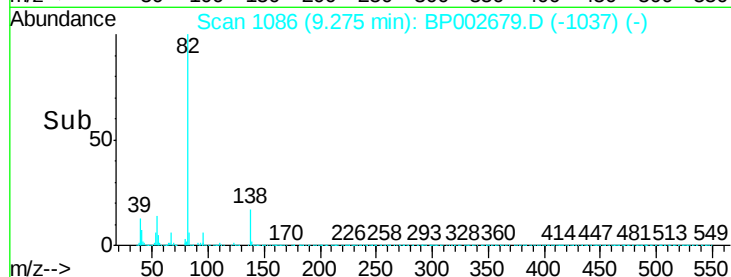
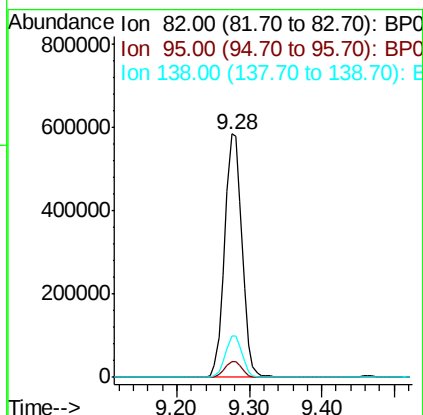
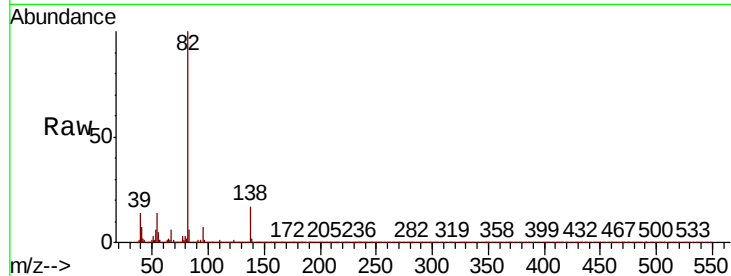




#25
Isophorone
Concen: 42.765 ng
RT: 9.28 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

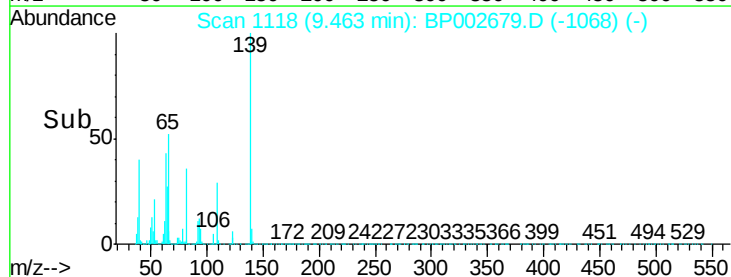
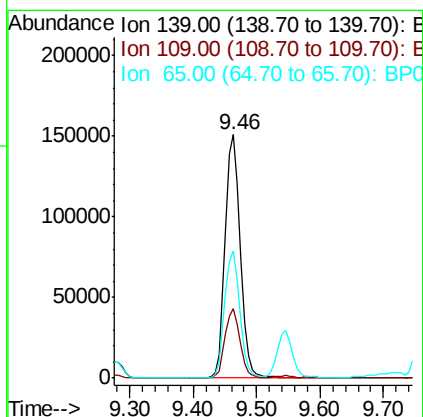
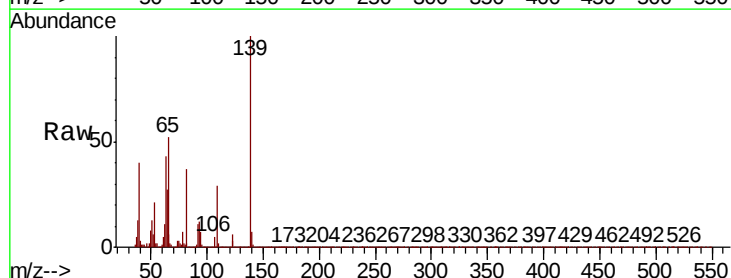
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

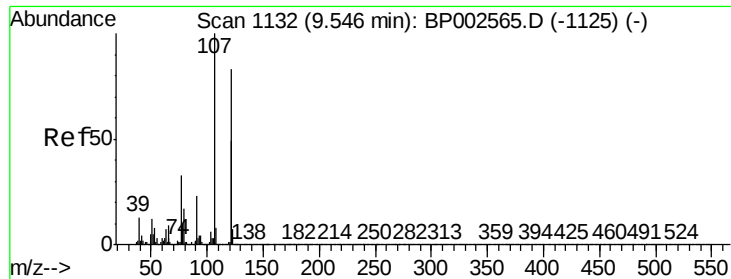
Tot Ion	82	Resp	975242
Ion Ratio	Lower	Upper	
82	100		
95	6.5	6.0	9.0
138	16.9	13.8	20.8



#26
2-Nitrophenol
Concen: 45.472 ng
RT: 9.46 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion	139	Resp	249760
Ion Ratio	Lower	Upper	
139	100		
109	28.6	26.0	39.0
65	52.1	41.9	62.9

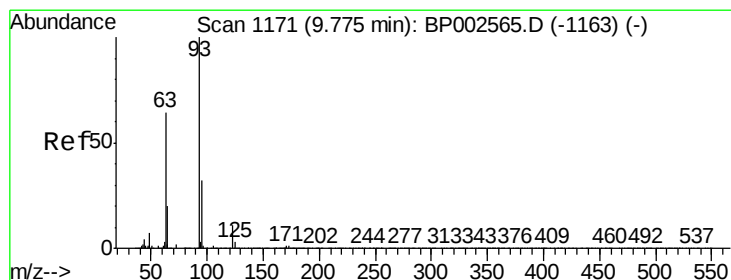
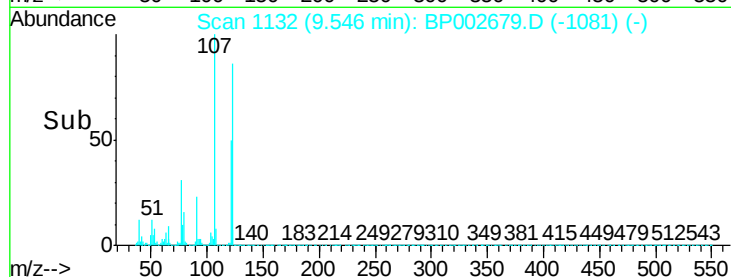
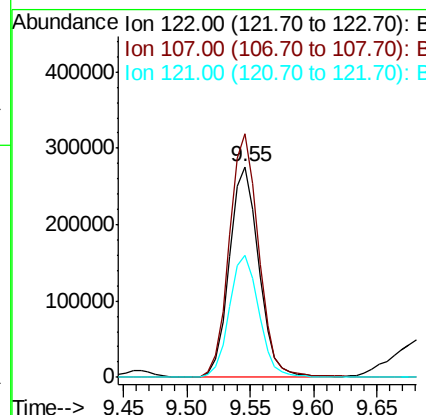
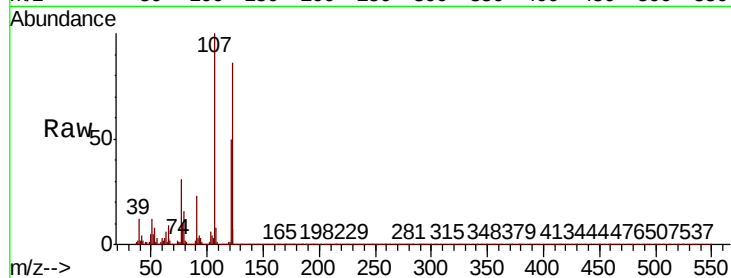




#27
2,4-Dimethylphenol
Concen: 53.227 ng
RT: 9.55 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

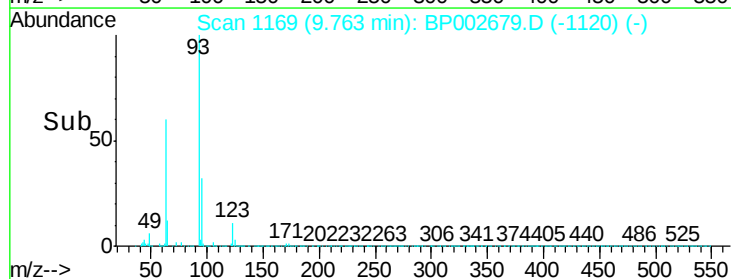
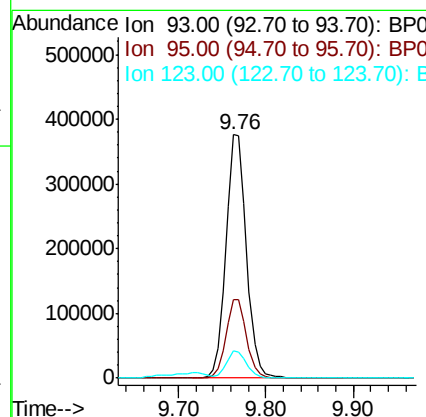
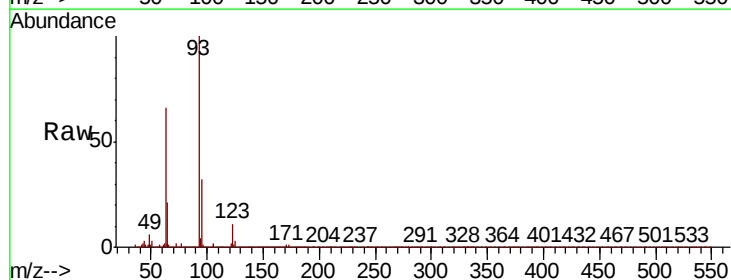
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

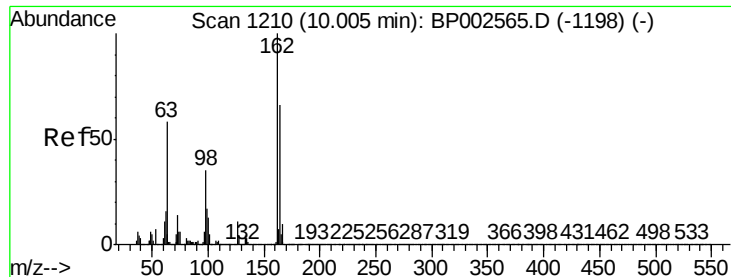
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.7	95.9	143.9
121	58.3	47.0	70.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.726 ng
RT: 9.76 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.5	38.3
123	11.2	8.7	13.1

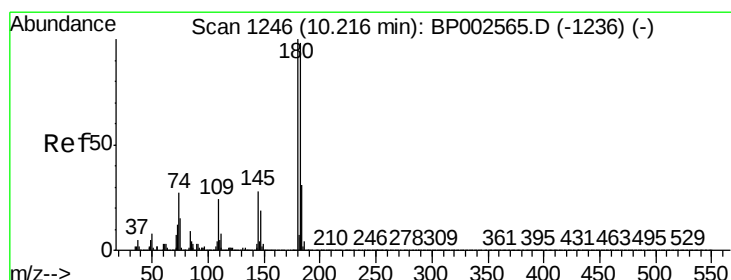
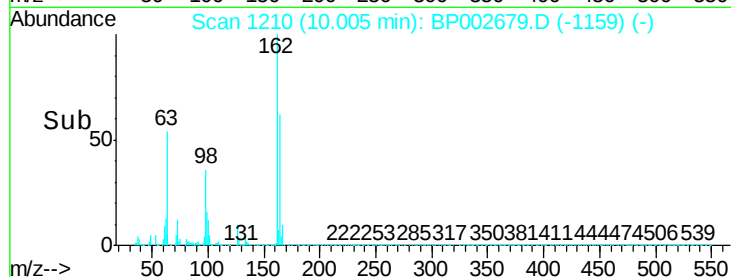
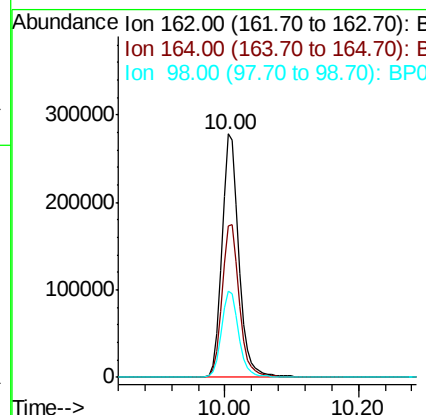
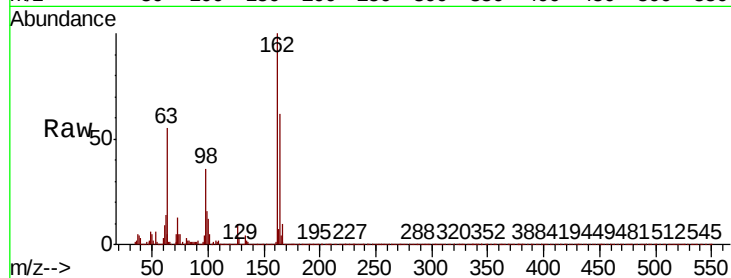




#29
2,4-Dichlorophenol
Concen: 52.097 ng
RT: 10.00 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

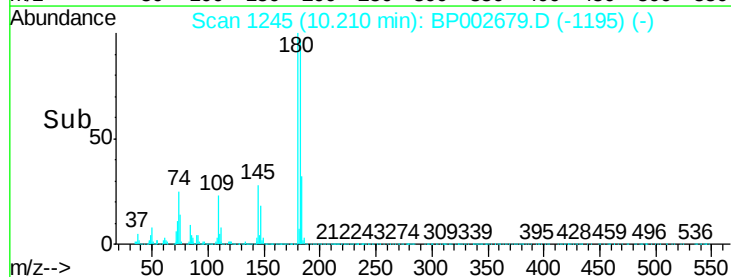
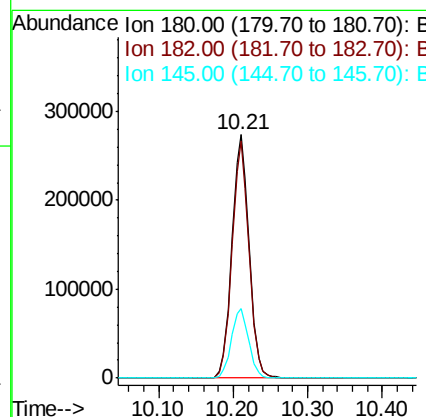
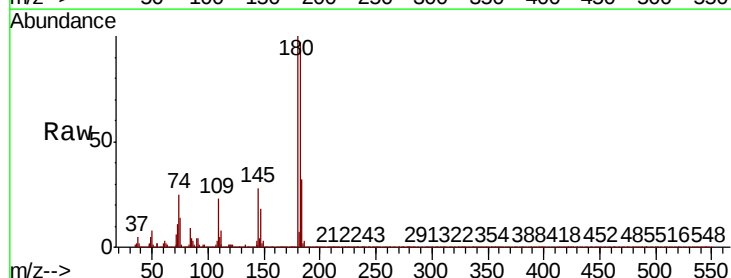
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

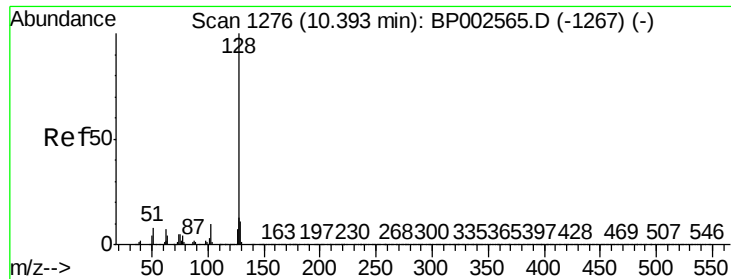
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	46.1	86.1
98	35.6	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 40.815 ng
RT: 10.21 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.2	117.2
145	28.5	22.6	34.0

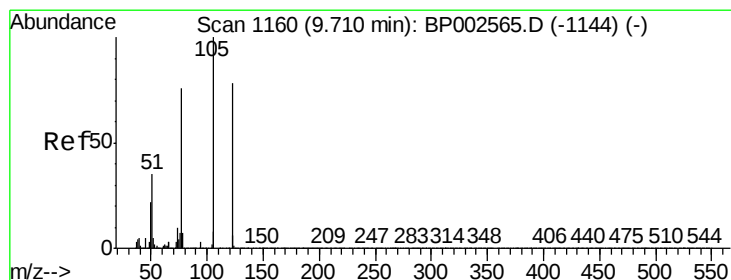
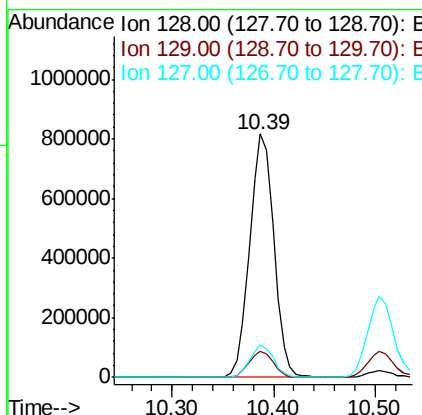
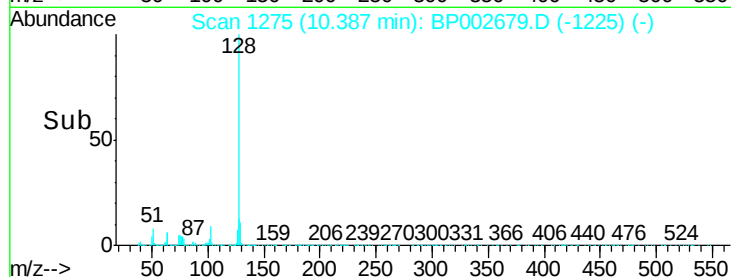
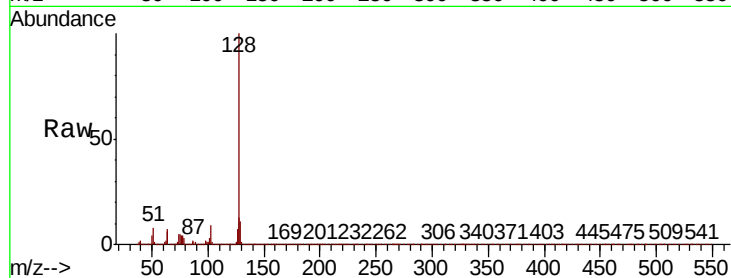




#31
Naphthalene
Concen: 43.765 ng
RT: 10.39 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

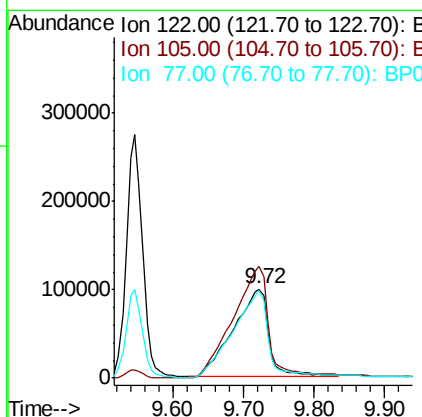
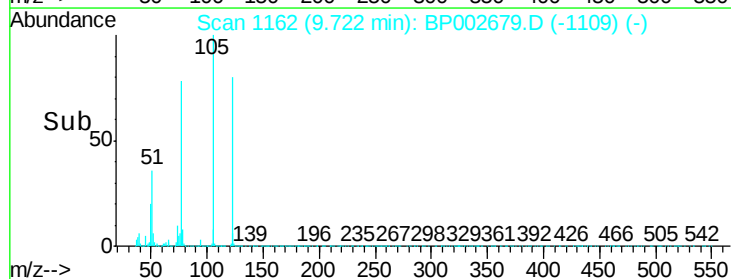
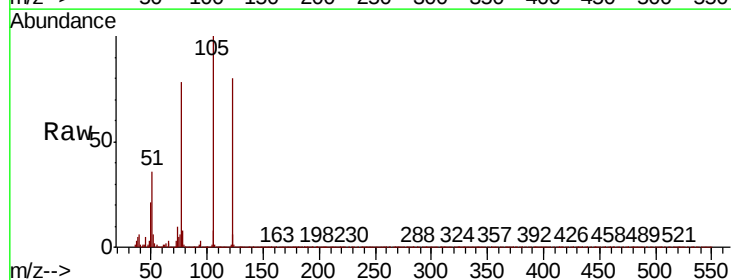
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

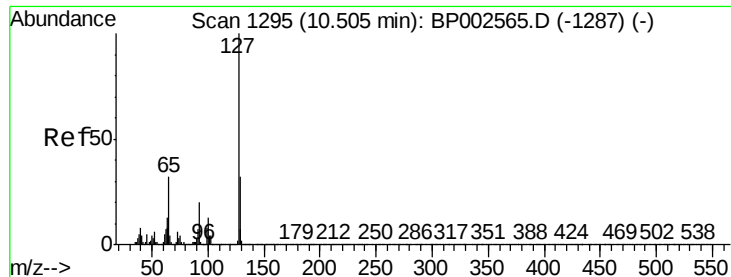
Tot Ion:128 Resp: 1358233
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 52.564 ng
RT: 9.72 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion:122 Resp: 350211
Ion Ratio Lower Upper
122 100
105 125.6 106.6 146.6
77 98.1 76.5 116.5

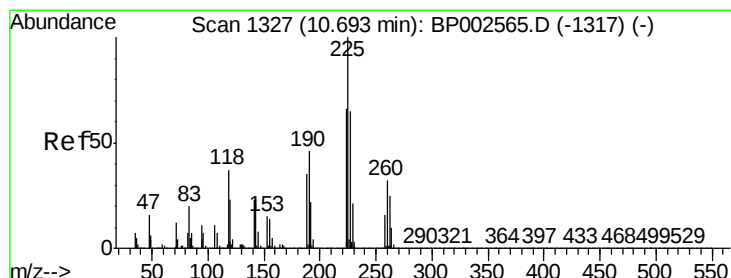
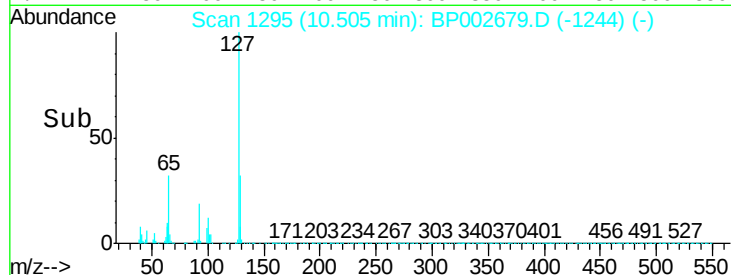
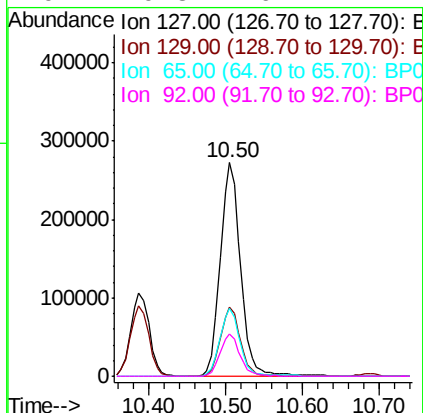
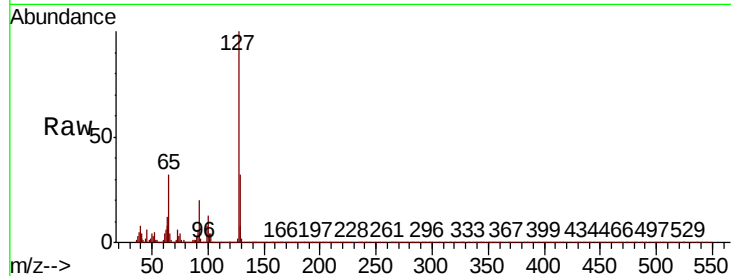




#33
4-Chloroaniline
Concen: 36.322 ng
RT: 10.50 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

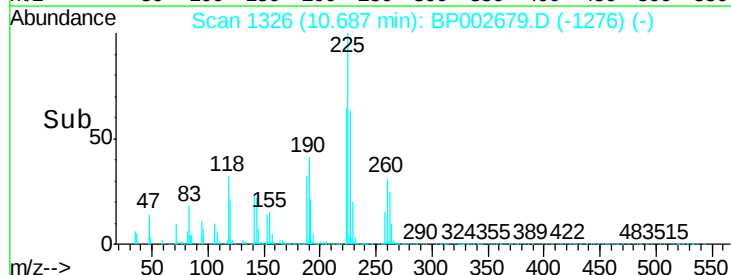
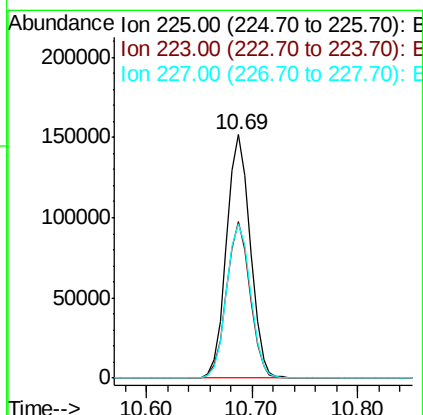
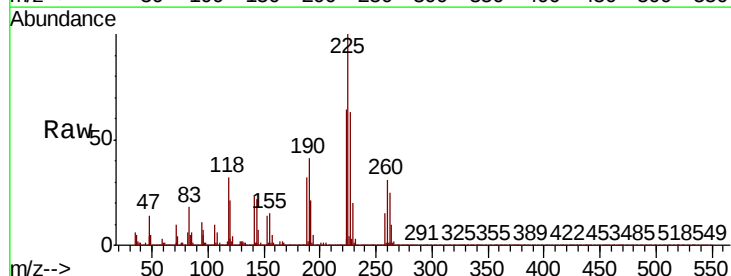
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

Tot Ion:	127	Resp:	493069
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	32.0	25.7	38.5
92	19.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 35.698 ng
RT: 10.69 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion:	225	Resp:	235953
Ion	Ratio	Lower	Upper
225	100		
223	64.1	52.6	78.8
227	63.1	52.1	78.1

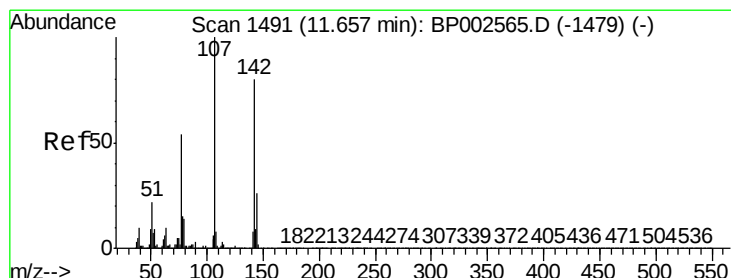
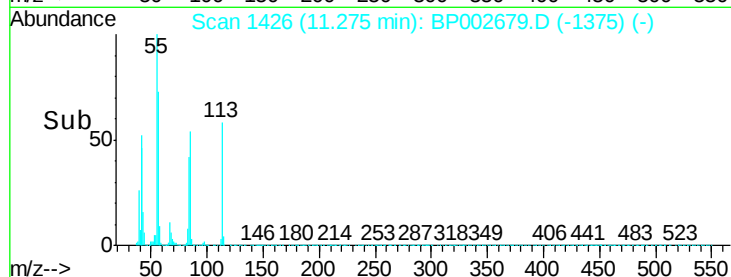
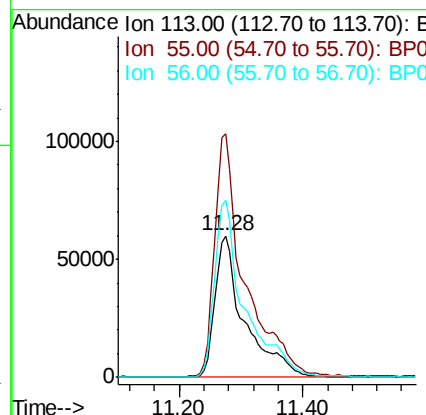
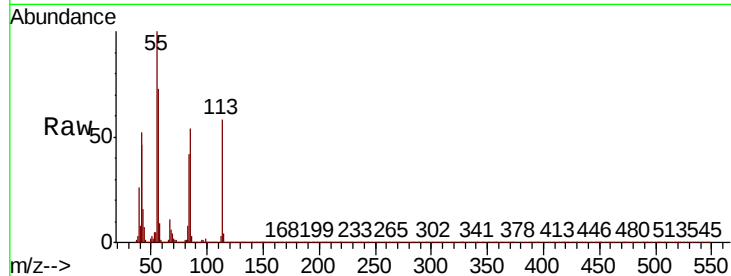




#35
Caprolactam
Concen: 61.005 ng
RT: 11.28 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

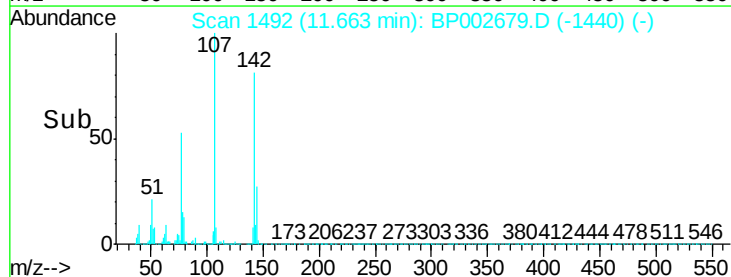
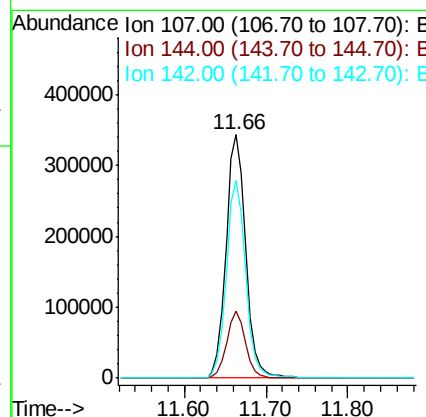
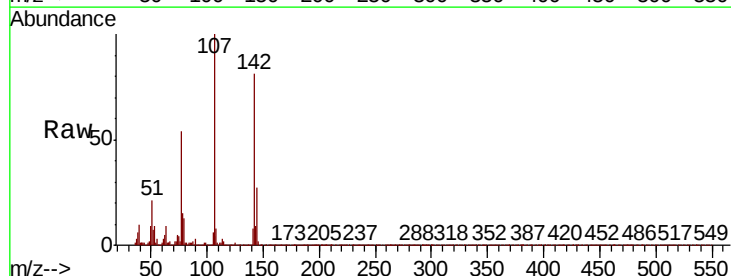
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

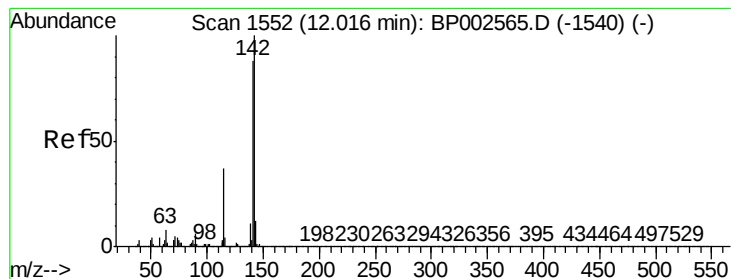
Tot Ion:113 Resp: 196699
Ion Ratio Lower Upper
113 100
55 171.7 143.7 183.7
56 124.7 105.2 145.2



#36
4-Chloro-3-methylphenol
Concen: 54.700 ng
RT: 11.66 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion:107 Resp: 575055
Ion Ratio Lower Upper
107 100
144 27.4 21.0 31.6
142 81.2 63.9 95.9





#37

2-Methylnaphthalene

Concen: 45.388 ng

RT: 12.01 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :

BNA_P

ClientSampleId :

RO-24MSD

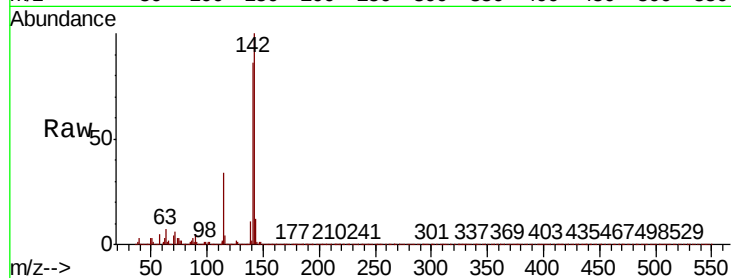
Tot Ion:142 Resp: 1027055

Ion Ratio Lower Upper

142 100

141 86.1 70.7 106.1

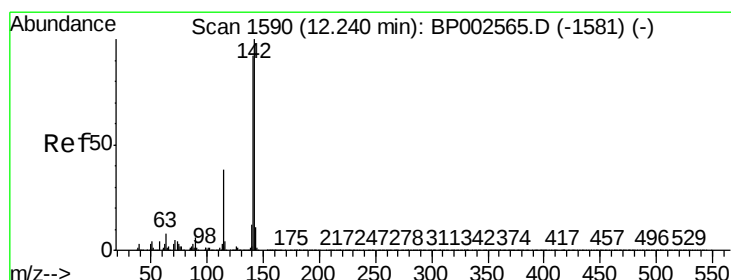
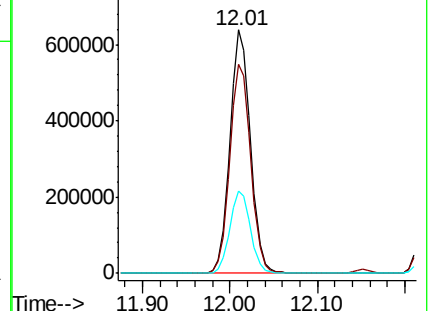
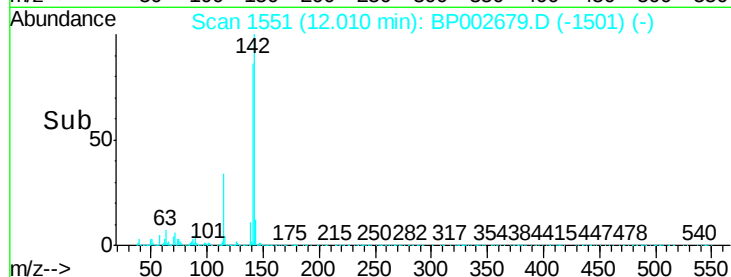
115 34.0 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.300 ng

RT: 12.23 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

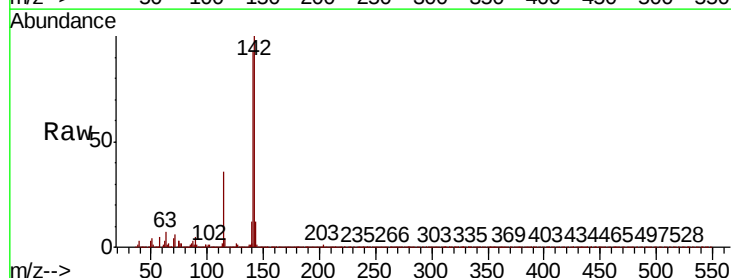
Tgt Ion:142 Resp: 965413

Ion Ratio Lower Upper

142 100

141 93.5 73.4 110.2

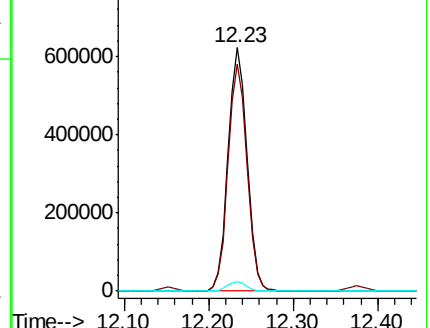
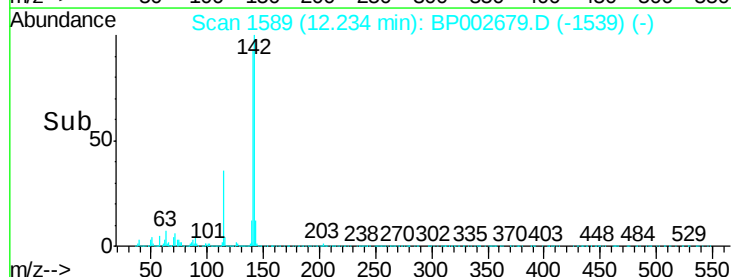
116 3.9 3.2 4.8

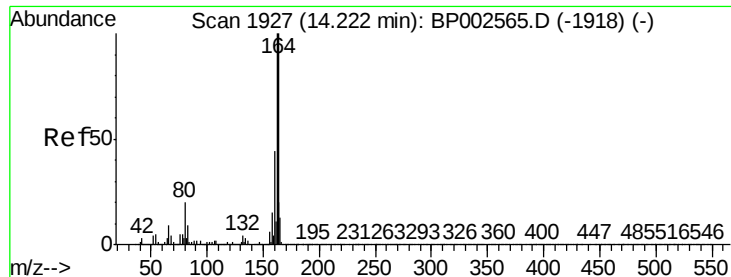


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :

BNA_P

ClientSampleId :

RO-24MSD

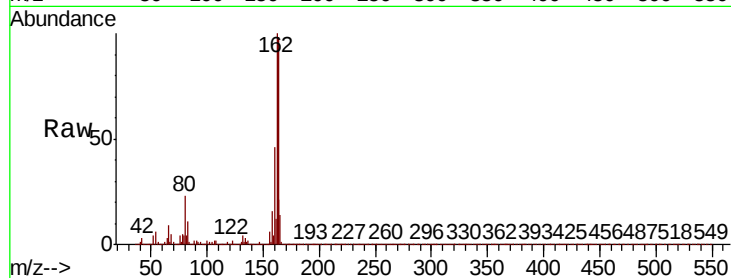
Tot Ion:164 Resp: 406739

Ion Ratio Lower Upper

164 100

162 102.5 80.3 120.5

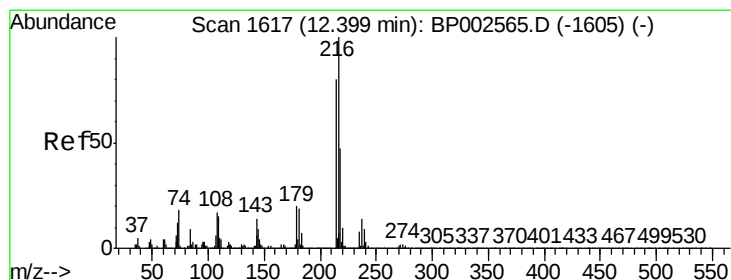
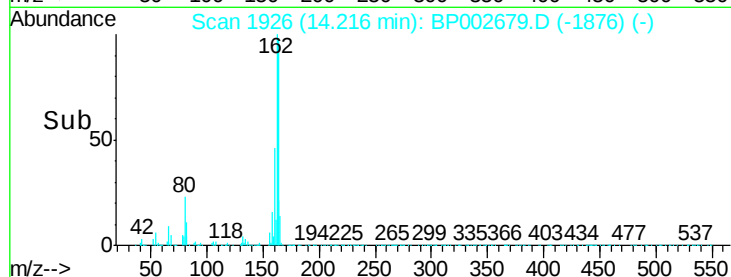
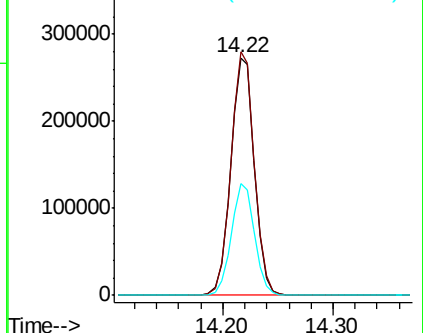
160 47.3 35.0 52.6



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: 40.334 ng

RT: 12.39 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Tgt Ion:216 Resp: 512258

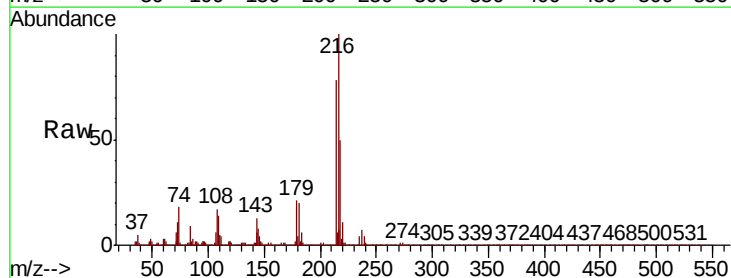
Ion Ratio Lower Upper

216 100

214 79.1 63.2 94.8

179 20.1 16.6 24.8

108 17.7 14.9 22.3

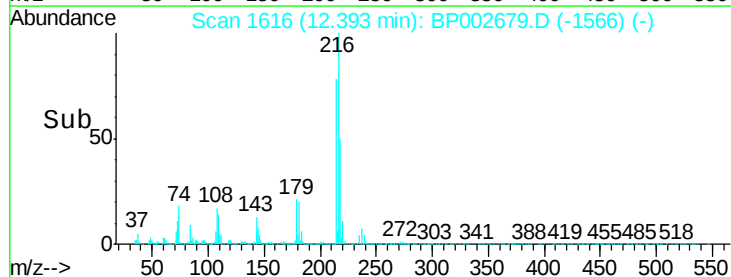
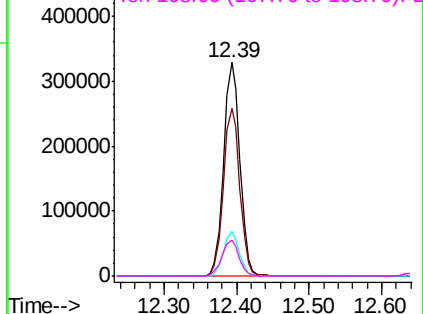


Abundance Ion 216.00 (215.70 to 216.70): E

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

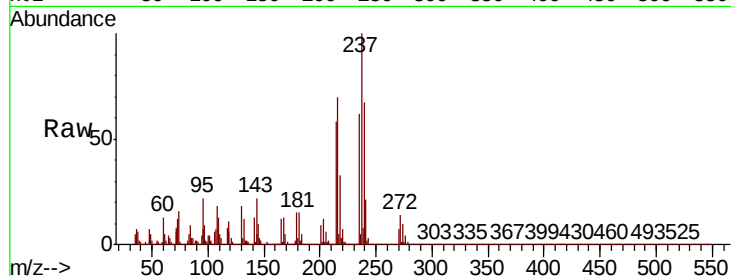




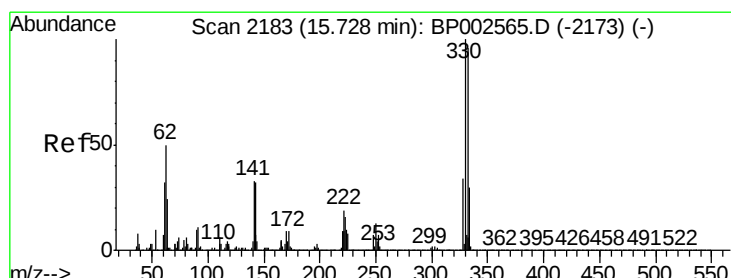
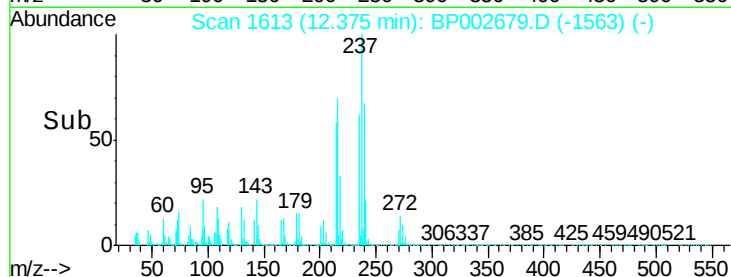
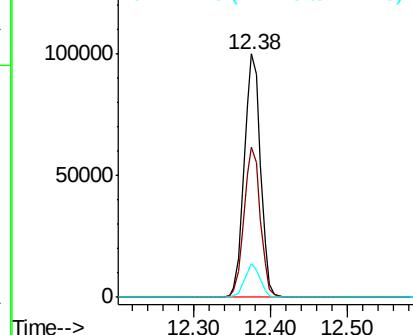
#41
Hexachlorocyclopentadiene
Concen: 25.510 ng
RT: 12.38 min Scan# 1613
Delta R.T. -0.00 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Instrument :
BNA_P
ClientSampleId :
RO-24MSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.7	45.4	85.4
272	13.7	0.0	32.6

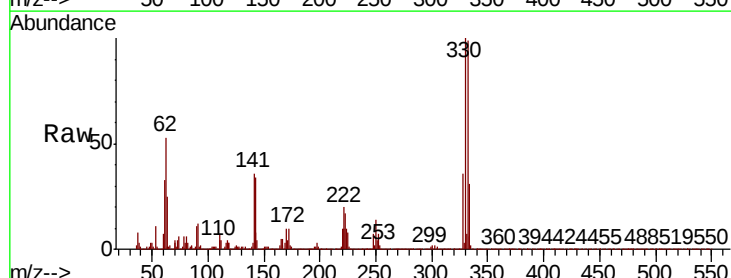


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

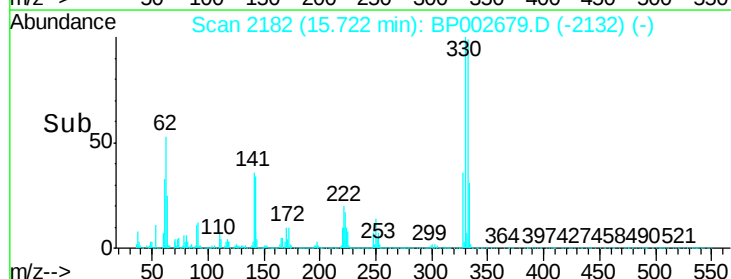
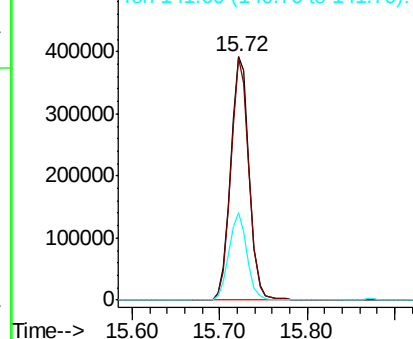


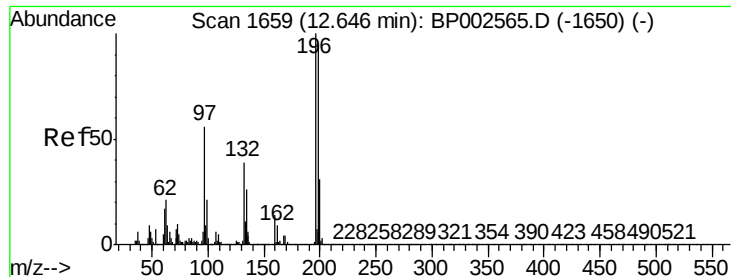
#42
2,4,6-Tribromophenol
Concen: 115.421 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	35.4	29.0	43.6



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: 46.898 ng

RT: 12.65 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :

BNA_P

ClientSampleId :

RO-24MSD

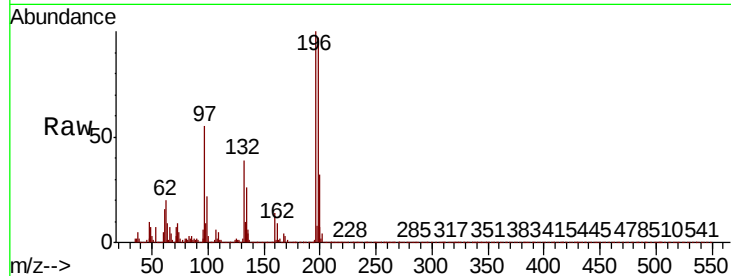
Tot Ion:196 Resp: 403019

Ion Ratio Lower Upper

196 100

198 97.0 75.3 112.9

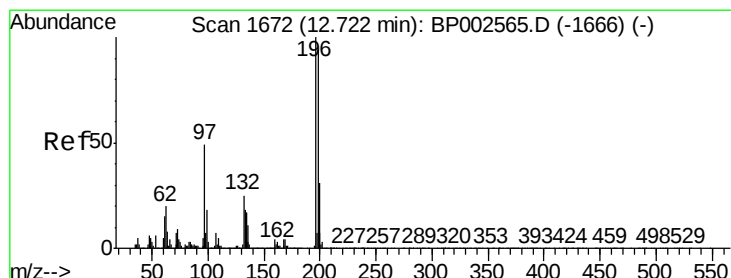
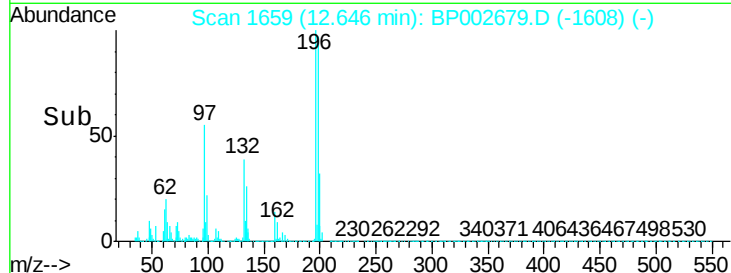
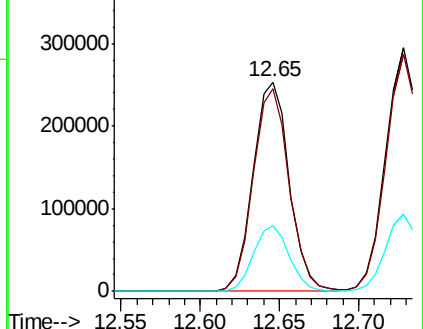
200 31.5 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 47.474 ng

RT: 12.73 min Scan# 1673

Delta R.T. 0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Tgt Ion:196 Resp: 469635

Ion Ratio Lower Upper

196 100

198 97.2 75.4 113.0

97 47.8 39.3 58.9

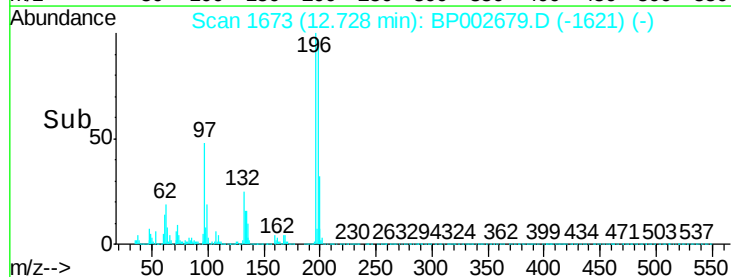
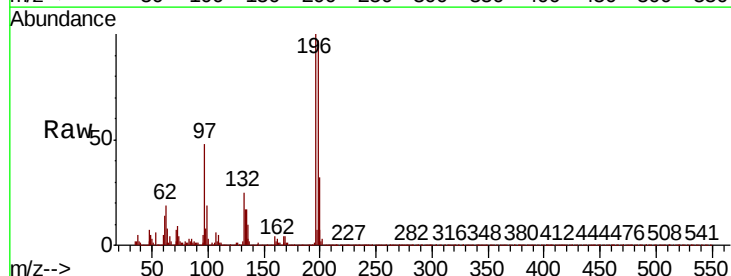
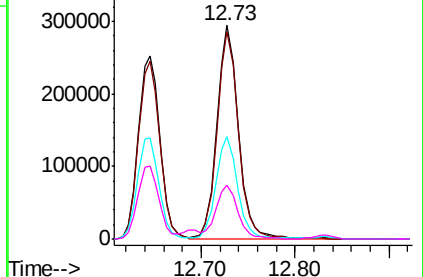
132 25.0 20.3 30.5

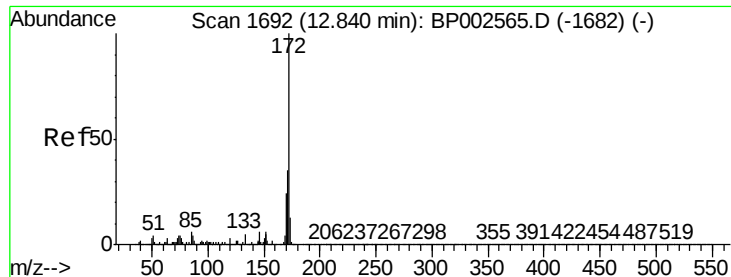
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BP0

Ion 132.00 (131.70 to 132.70): E

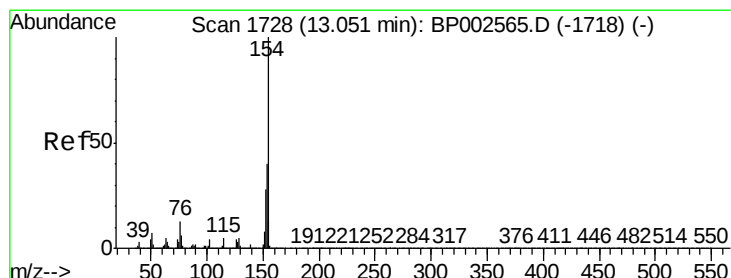
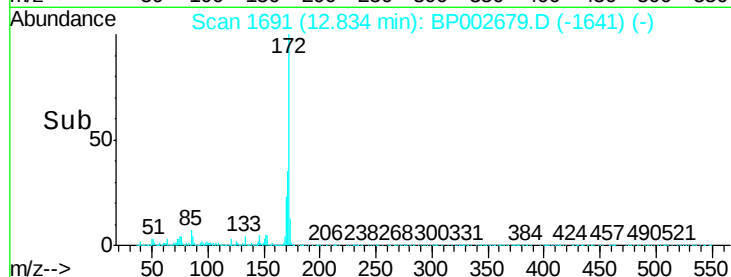
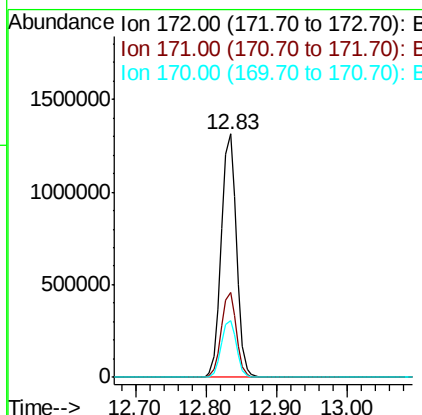
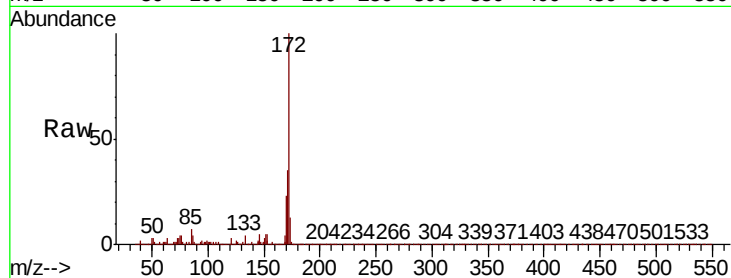




#45
2-Fluorobiphenyl
Concen: 71.166 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

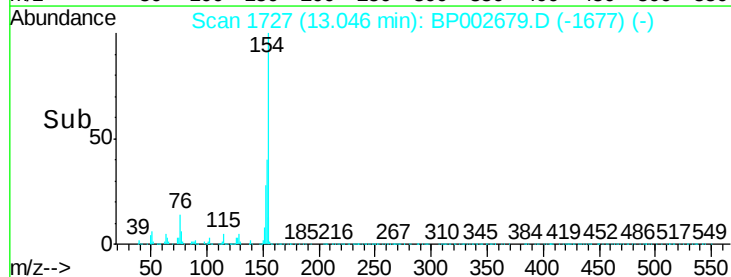
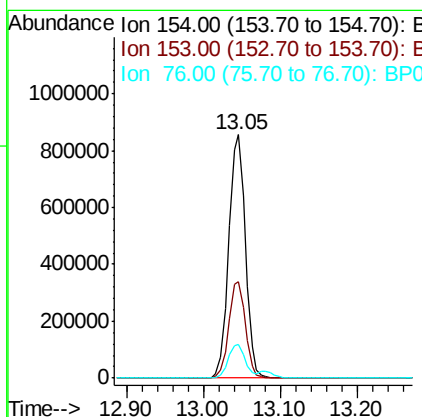
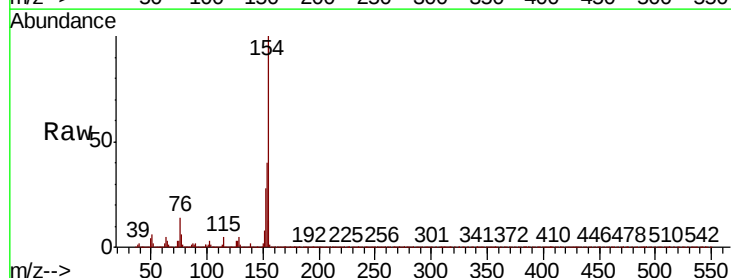
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

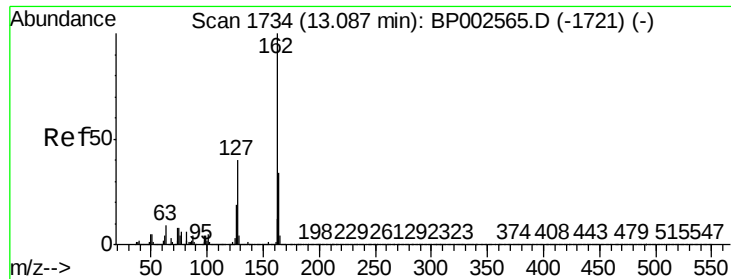
Tot Ion:172 Resp: 1966670
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 42.097 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion:154 Resp: 1295211
Ion Ratio Lower Upper
154 100
153 39.8 20.0 60.0
76 14.0 0.0 33.0

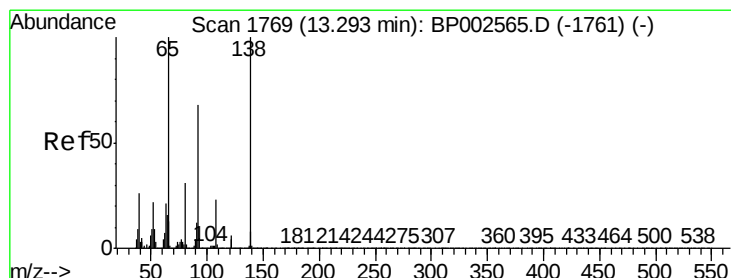
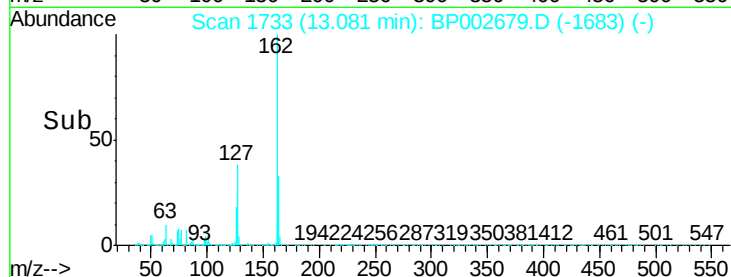
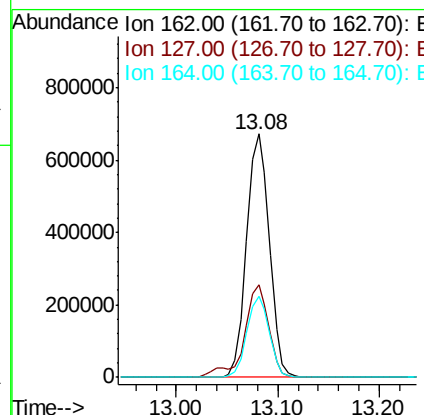
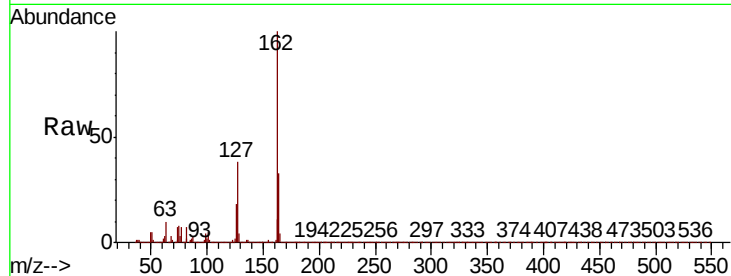




#47
2-Chloronaphthalene
Concen: 41.798 ng
RT: 13.08 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

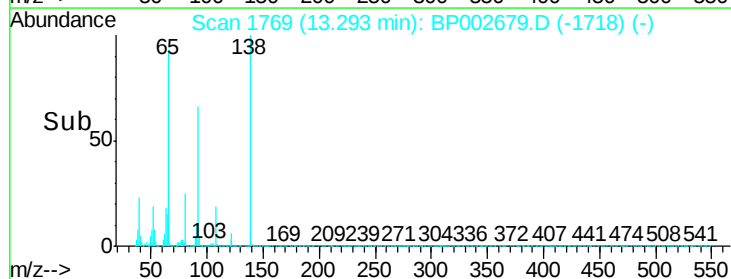
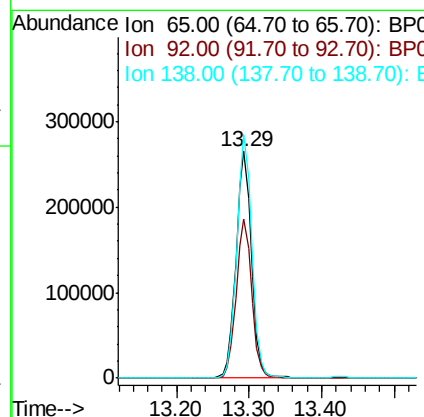
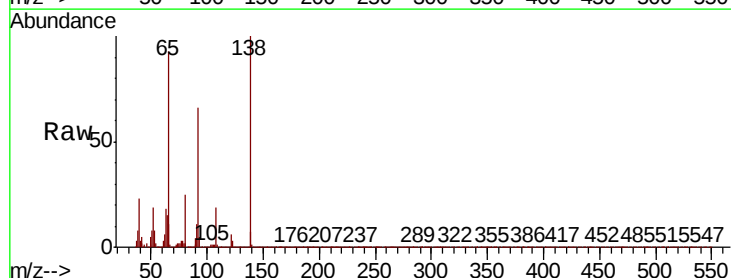
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

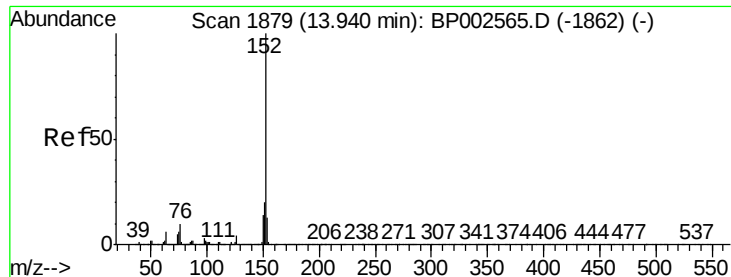
Tot Ion:162 Resp: 1046834
Ion Ratio Lower Upper
162 100
127 38.0 31.7 47.5
164 33.2 27.3 40.9



#48
2-Nitroaniline
Concen: 49.300 ng
RT: 13.29 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion: 65 Resp: 393903
Ion Ratio Lower Upper
65 100
92 70.5 54.2 81.4
138 107.5 79.8 119.8





#49

Acenaphthylene

Concen: 44.758 ng

RT: 13.93 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :

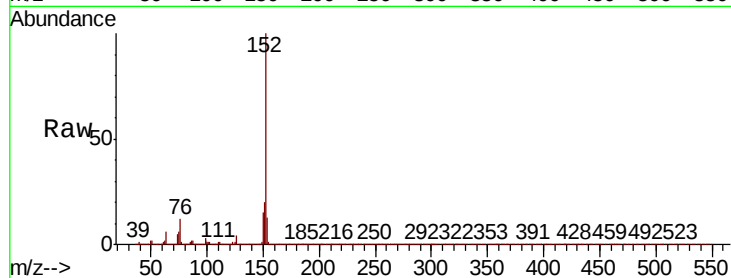
BNA_P

ClientSampleId :

RO-24MSD

Tot Ion:152 Resp: 1764175

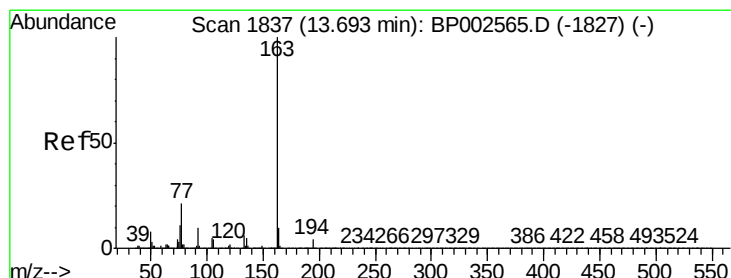
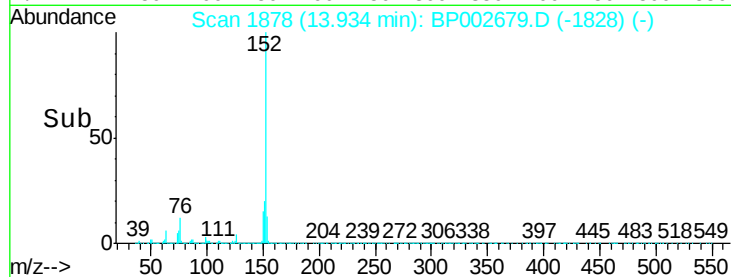
Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	13.3	10.2	15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.744 ng

RT: 13.69 min Scan# 1836

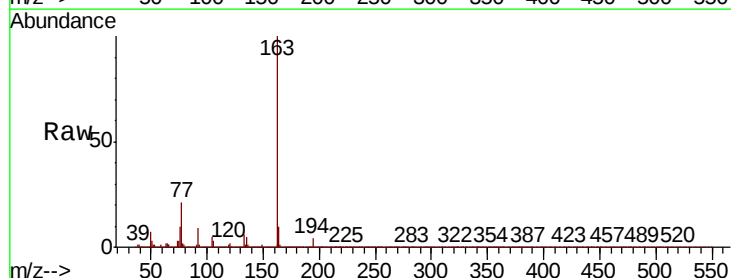
Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Tgt Ion:163 Resp: 1653002

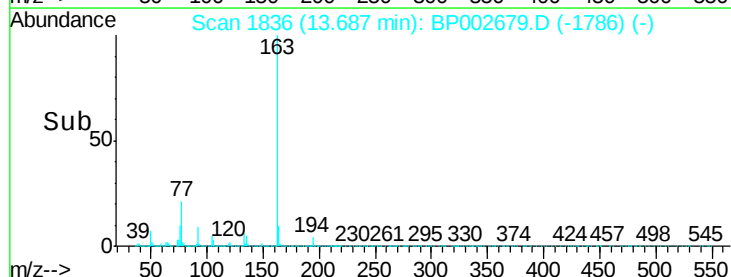
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.1	8.2	12.4

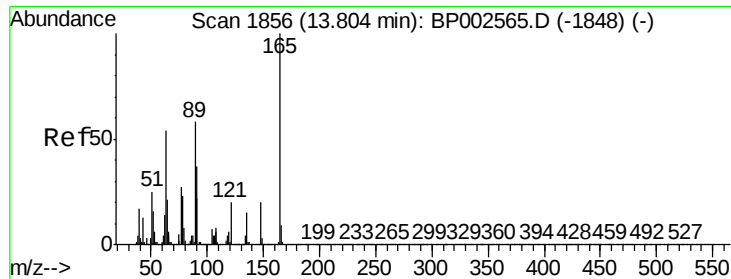


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

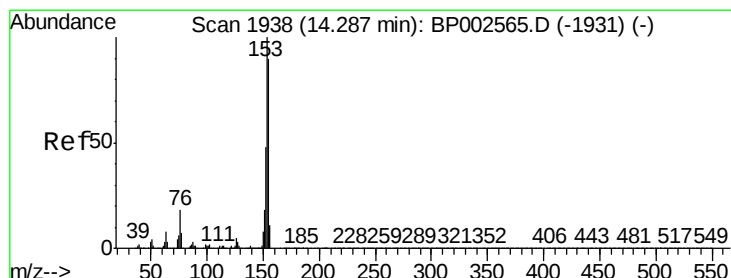
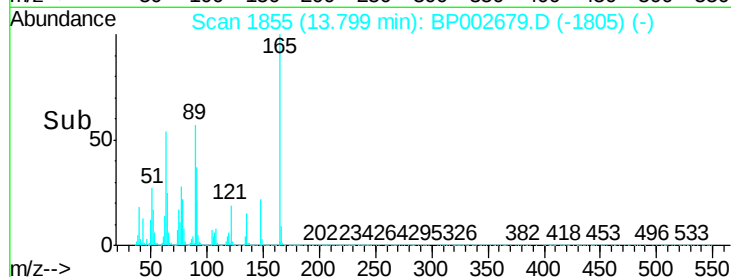
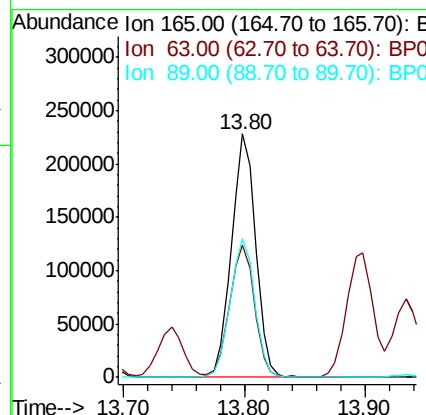
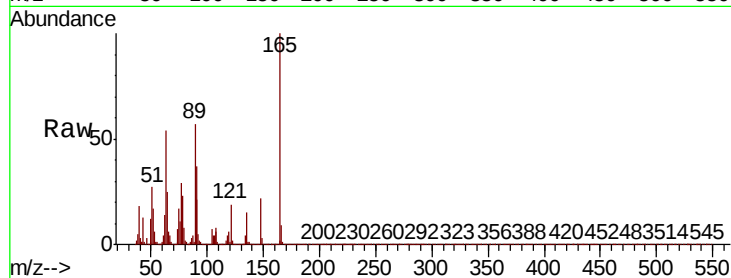




#51
2,6-Dinitrotoluene
Concen: 45.880 ng
RT: 13.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

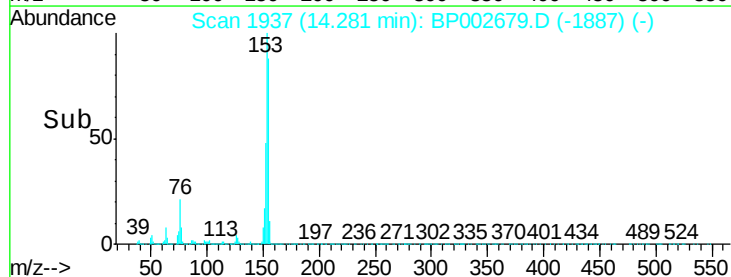
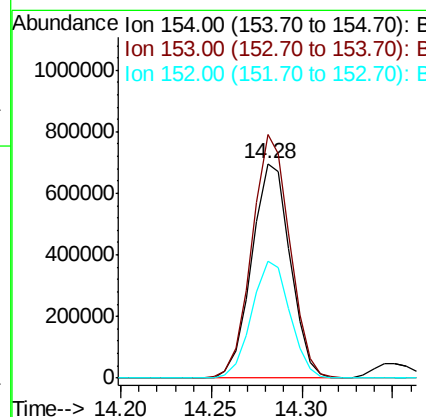
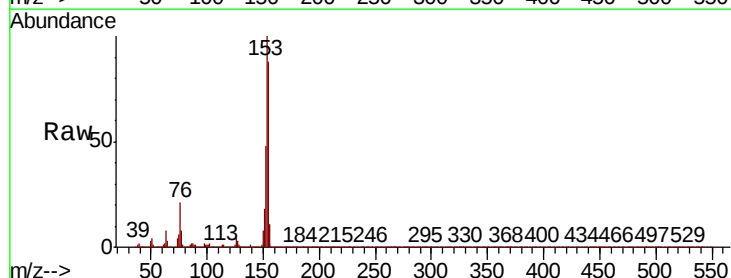
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

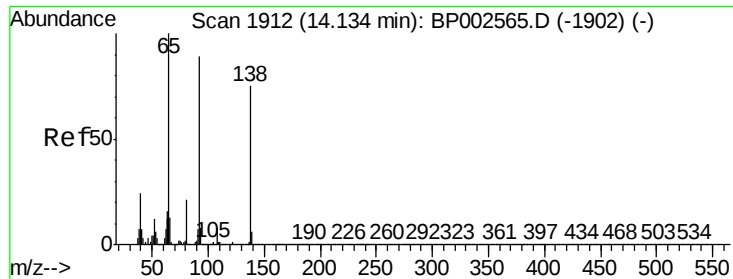
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.5	46.6	69.8
89	57.1	46.3	69.5



#52
Acenaphthene
Concen: 44.224 ng
RT: 14.28 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.1	133.7
152	54.4	43.2	64.8

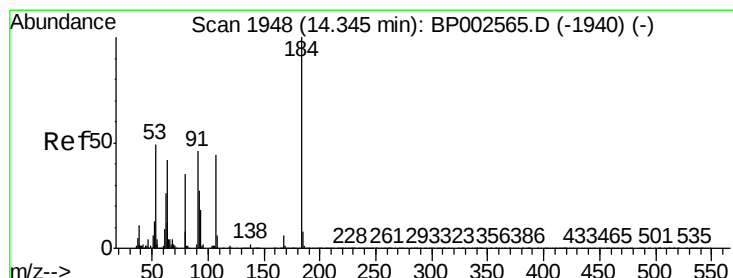
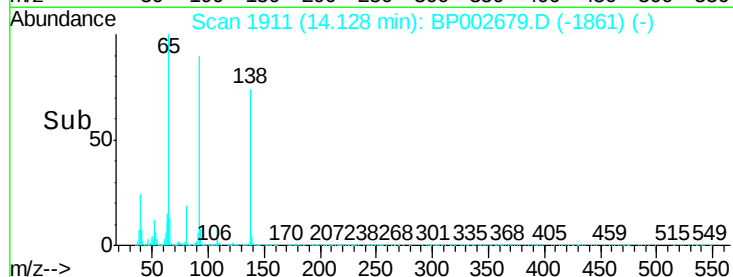
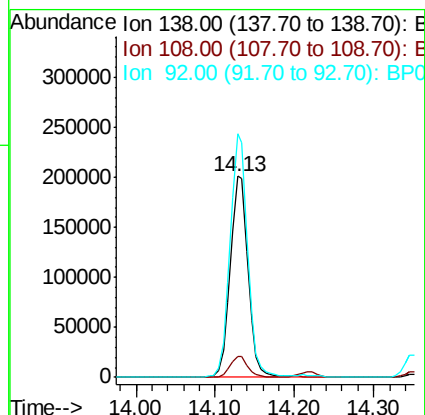
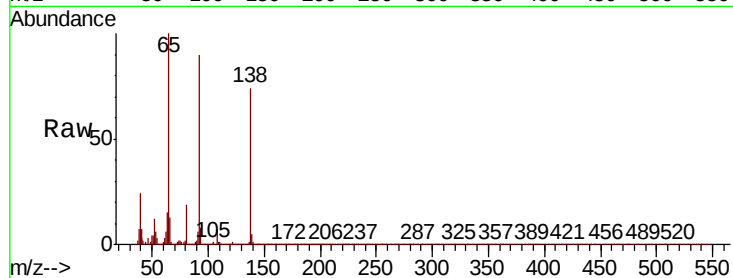




#53
3-Nitroaniline
Concen: 41.799 ng
RT: 14.13 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

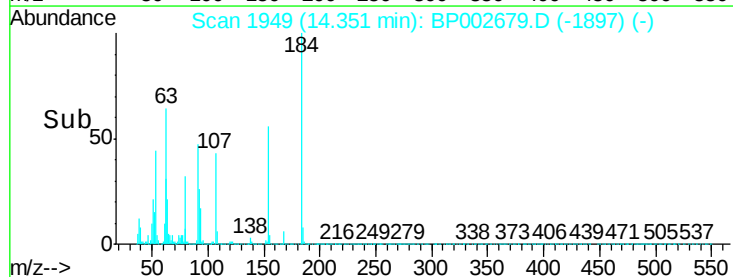
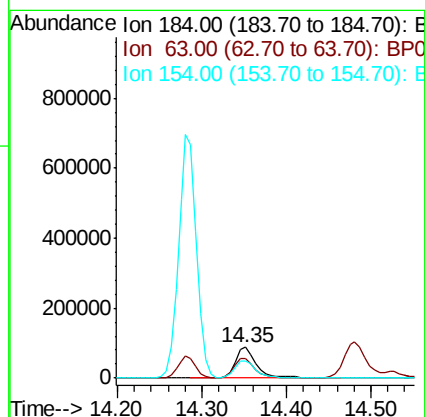
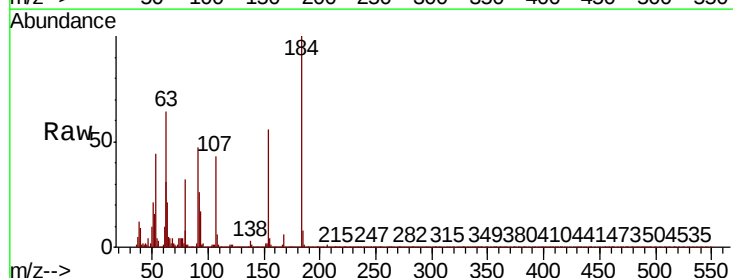
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

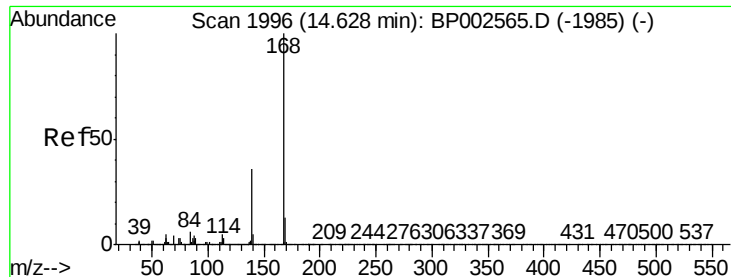
Tot Ion:138 Resp: 314015
Ion Ratio Lower Upper
138 100
108 10.1 8.6 12.8
92 121.0 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 38.398 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion:184 Resp: 150617
Ion Ratio Lower Upper
184 100
63 64.1 56.2 84.2
154 56.1 50.9 76.3





#55

Dibenzofuran

Concen: 44.288 ng

RT: 14.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :

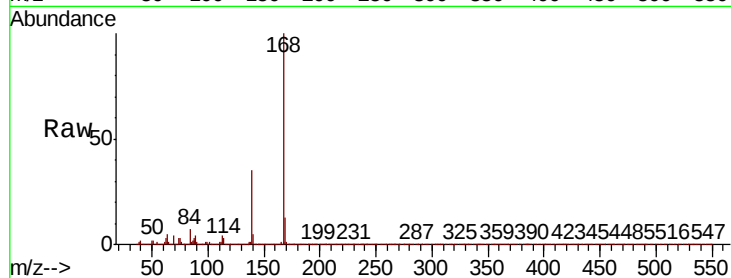
BNA_P

ClientSampleId :

RO-24MSD

Tot Ion:168 Resp: 1669075

Ion	Ratio	Lower	Upper
168	100		
139	35.1	29.3	43.9
169	13.0	10.6	15.8

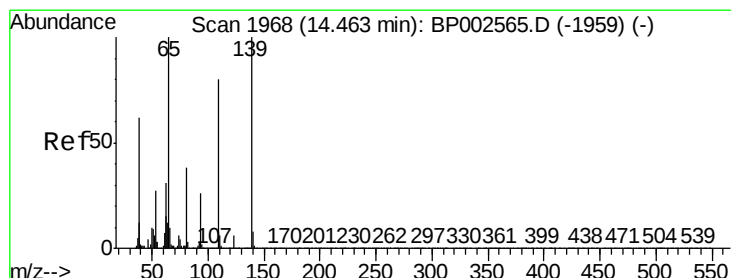
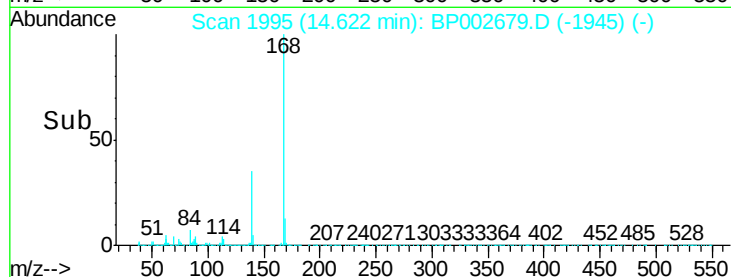
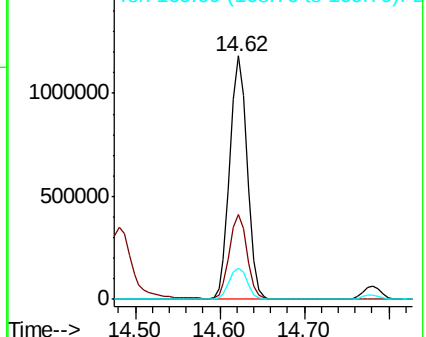


Abundance

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: 112.134 ng

RT: 14.48 min Scan# 1971

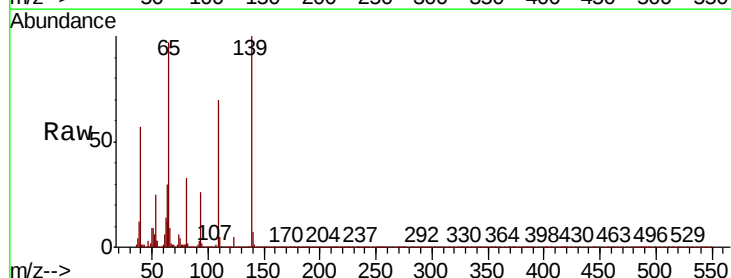
Delta R.T. 0.02 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Tgt Ion:139 Resp: 670985

Ion	Ratio	Lower	Upper
139	100		
109	70.1	60.1	100.1
65	97.4	80.3	120.3

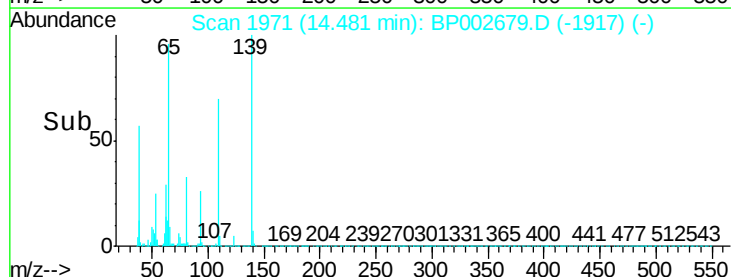
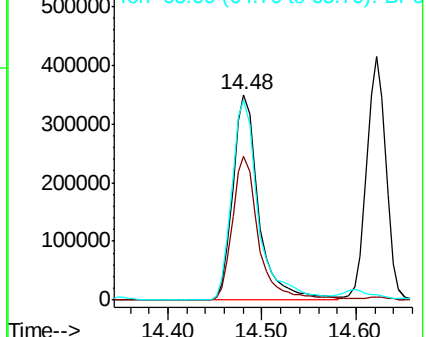


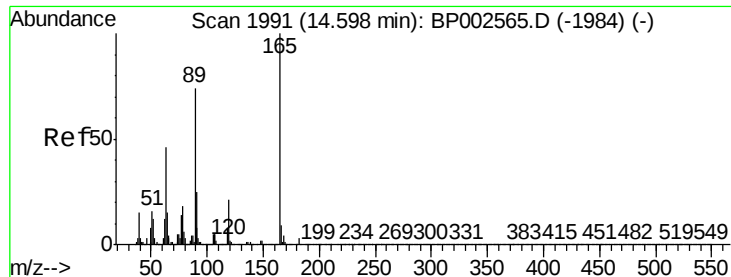
Abundance

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): BP0

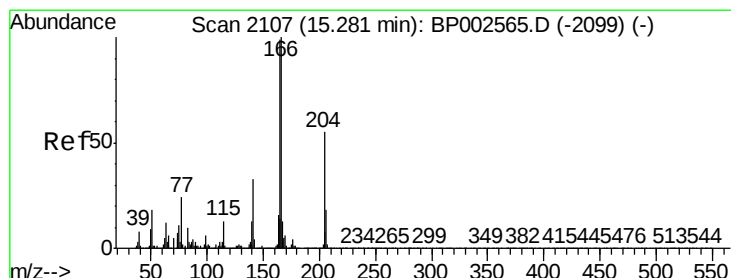
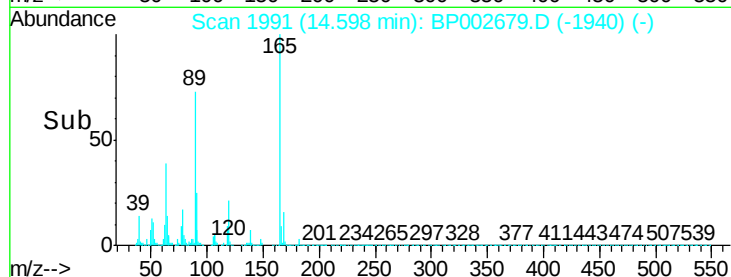
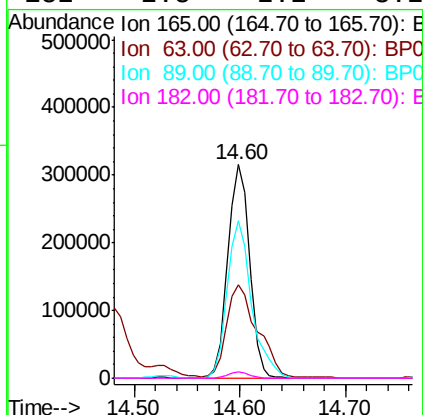
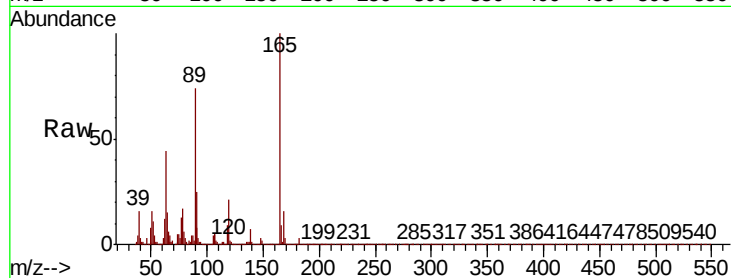




#57
2,4-Dinitrotoluene
Concen: 48.267 ng
RT: 14.60 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

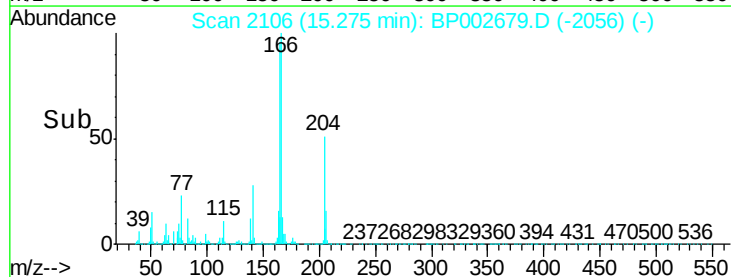
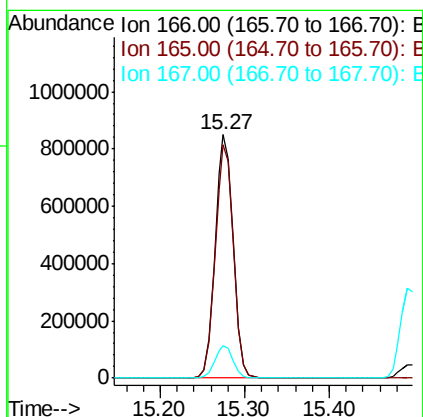
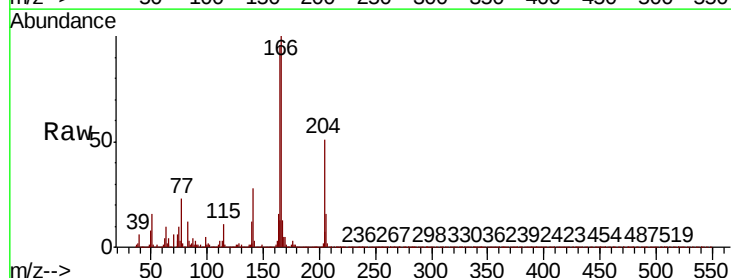
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

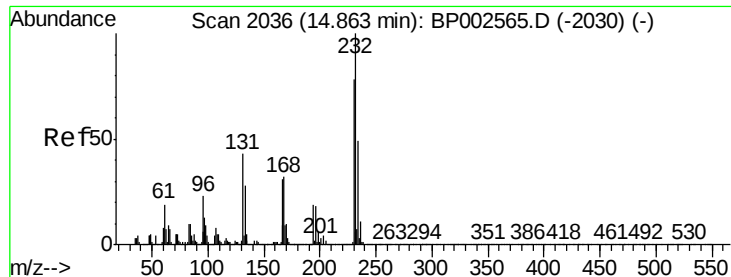
Tot Ion:165 Resp: 447975
Ion Ratio Lower Upper
165 100
63 43.8 37.3 55.9
89 73.7 59.4 89.0
182 2.8 2.2 3.2



#58
Fluorene
Concen: 44.473 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion:166 Resp: 1276460
Ion Ratio Lower Upper
166 100
165 95.6 79.1 118.7
167 13.2 10.8 16.2

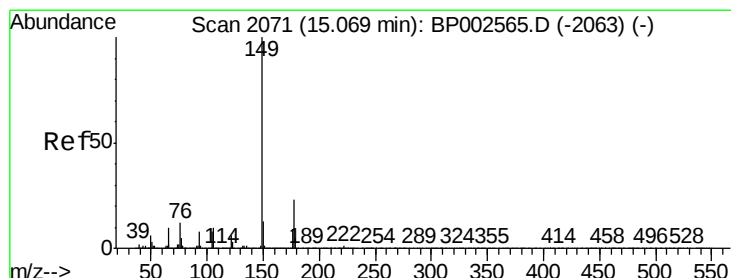
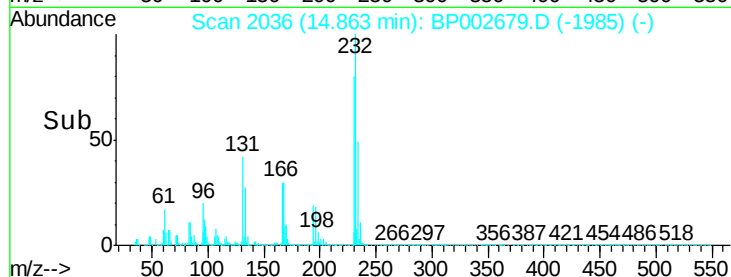
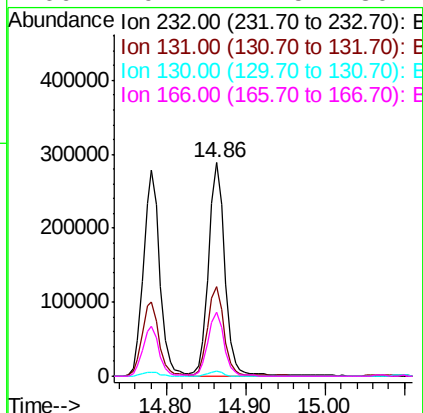
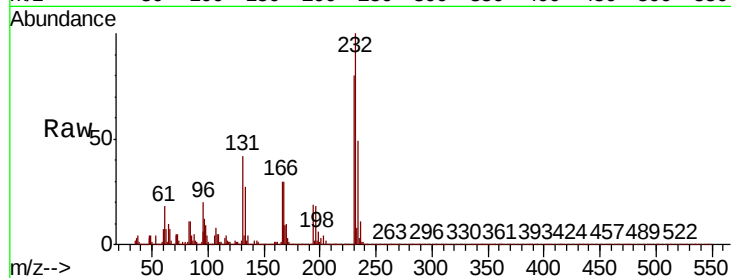




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.793 ng
 RT: 14.86 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BP002679.D
 Acq: 08 Jul 2020 17:27

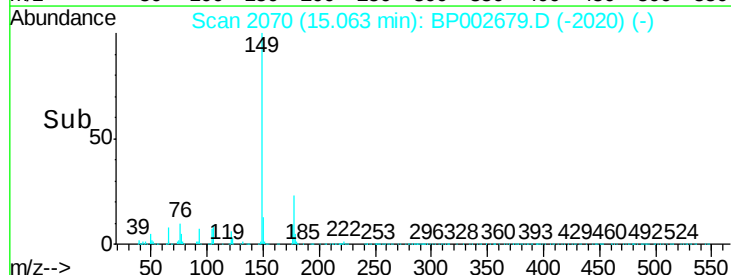
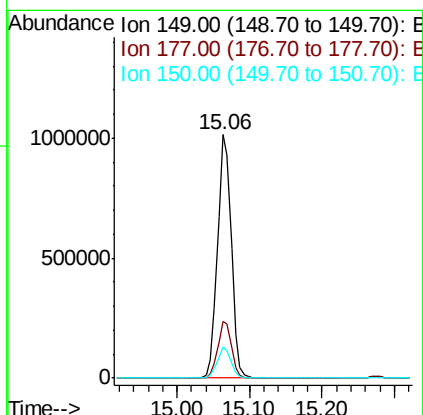
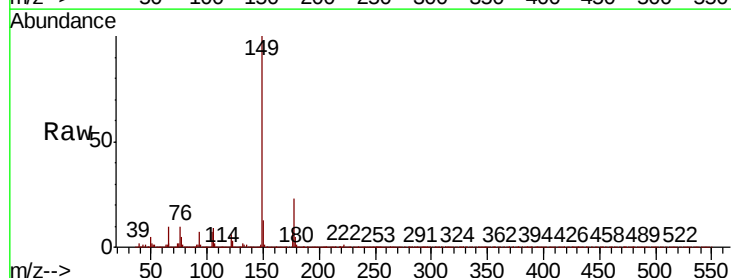
Instrument :
 BNA_P
 ClientSampleId :
 RO-24MSD

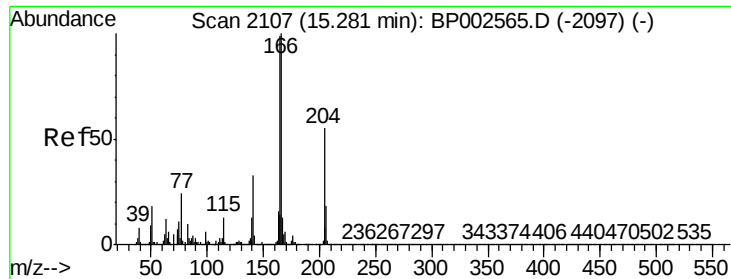
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.7	34.4	51.6
130	2.2	1.8	2.6
166	29.7	24.5	36.7



#60
 Diethylphthalate
 Concen: 42.138 ng
 RT: 15.06 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BP002679.D
 Acq: 08 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.6	27.8
150	12.5	10.2	15.2

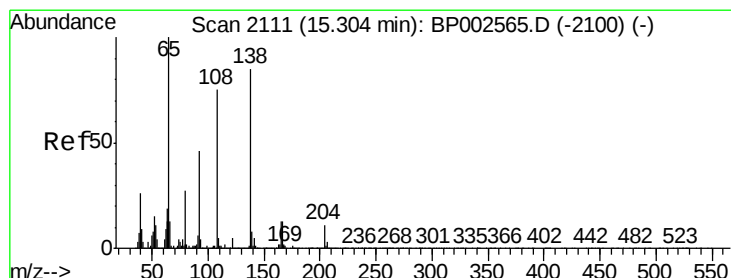
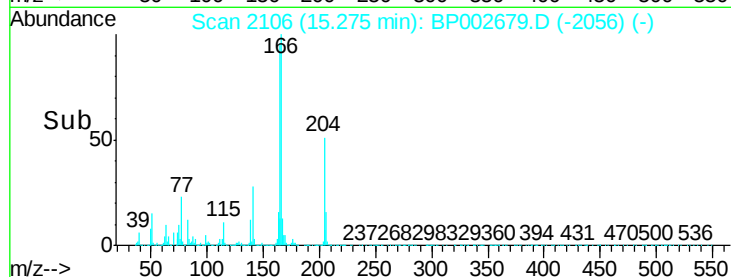
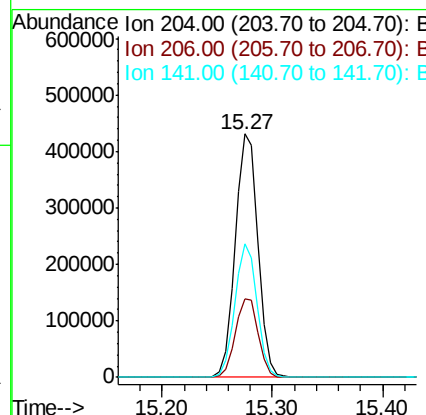
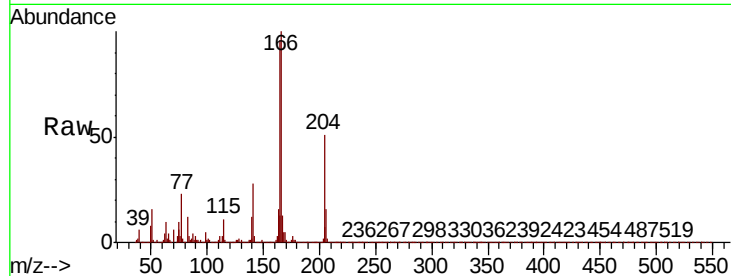




#61
4-Chlorophenyl-phenylether
Concen: 40.301 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

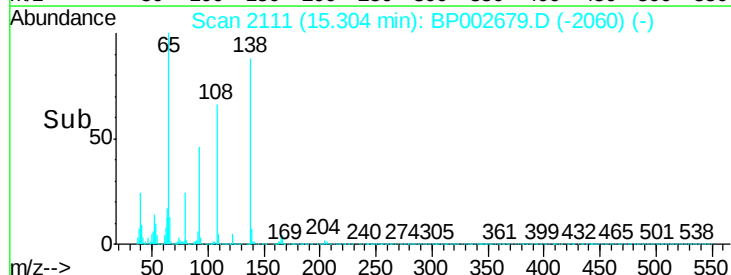
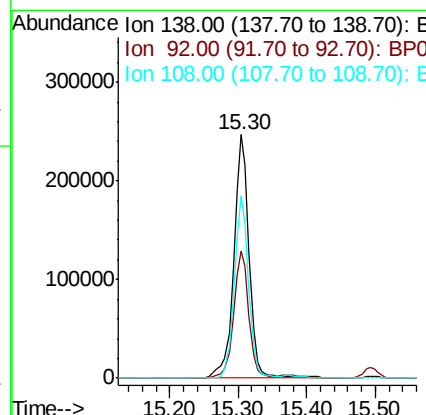
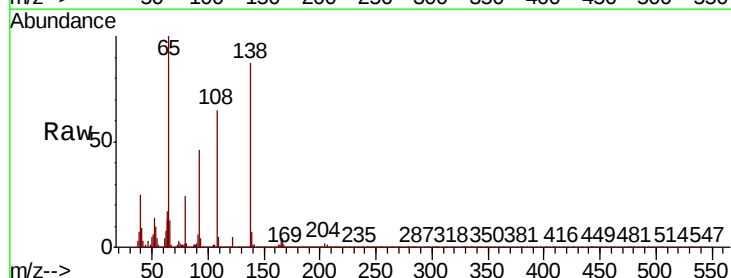
Instrument :
BNA_P
ClientSampled :
RO-24MSD

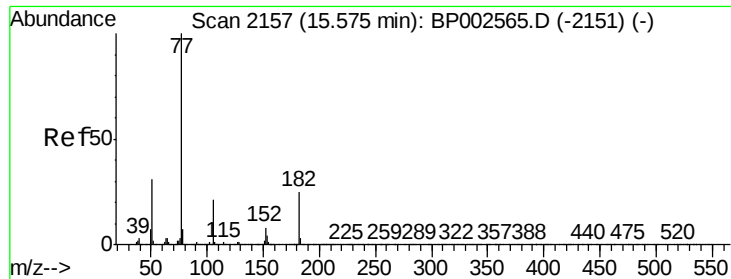
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	54.9	47.7	71.5



#62
4-Nitroaniline
Concen: 51.178 ng
RT: 15.30 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.3	33.9	73.9
108	74.9	67.8	107.8

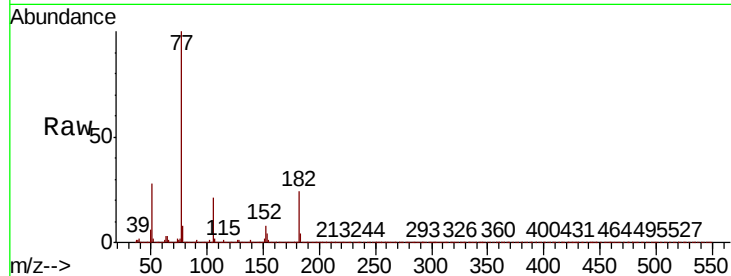




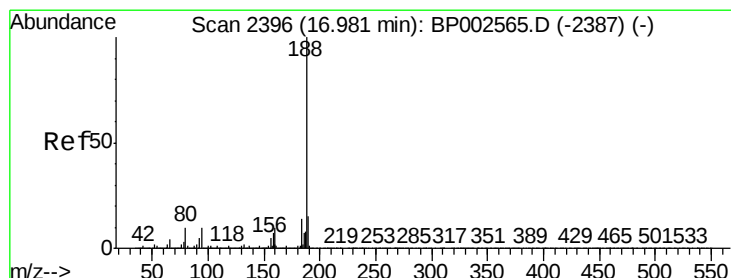
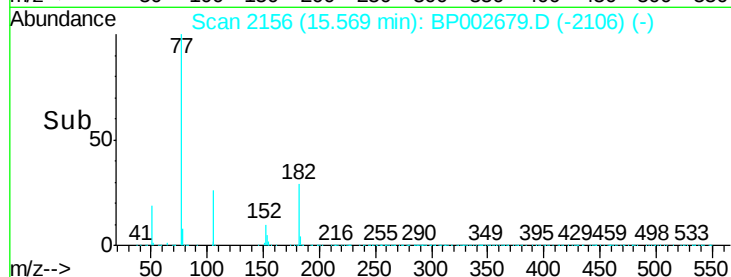
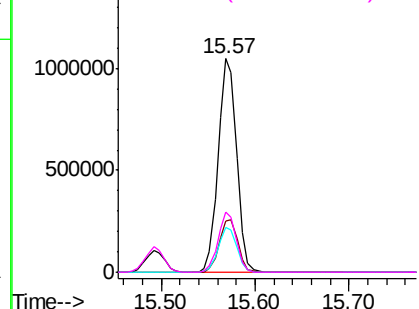
#63
Azobenzene
Concen: 46.941 ng
RT: 15.57 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Instrument :
BNA_P
ClientSampleId :
RO-24MSD

Tot Ion: 77 Resp: 1441839
Ion Ratio Lower Upper
77 100
182 23.8 4.7 44.7
105 20.9 0.6 40.6
51 28.1 11.2 51.2

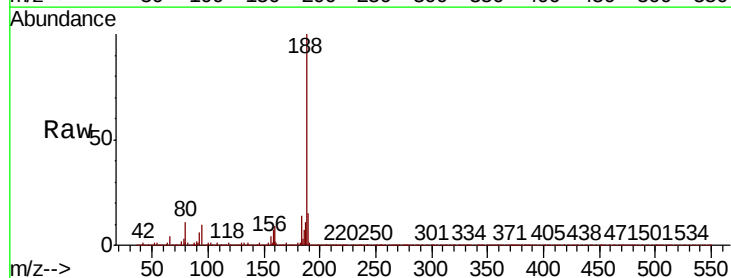


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

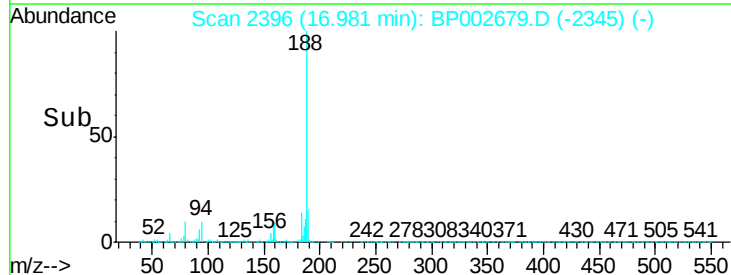
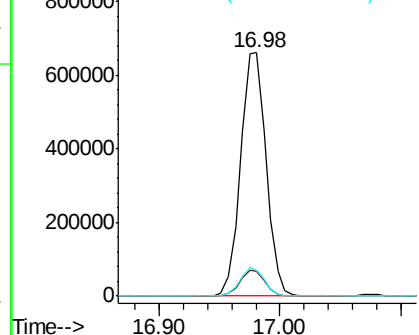


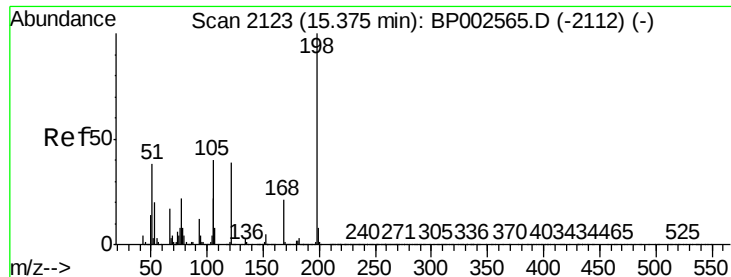
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion: 188 Resp: 978762
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.5 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

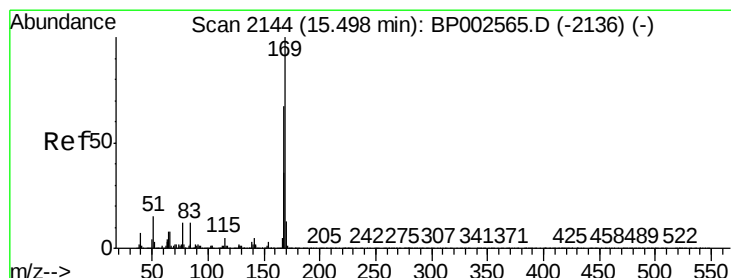
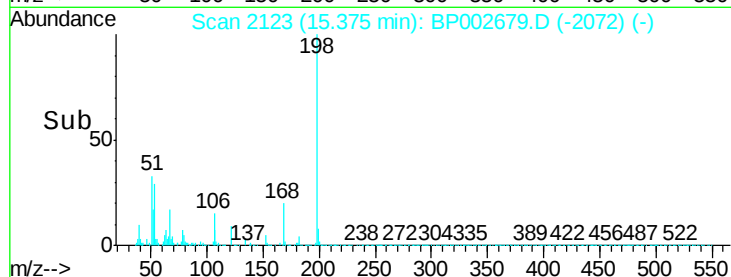
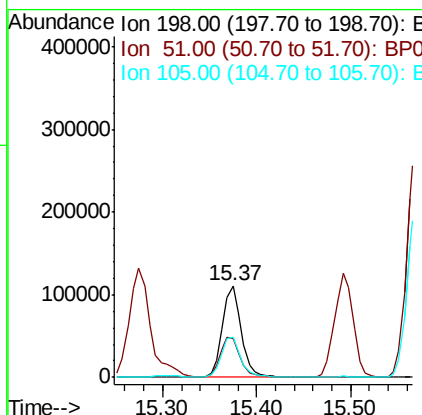
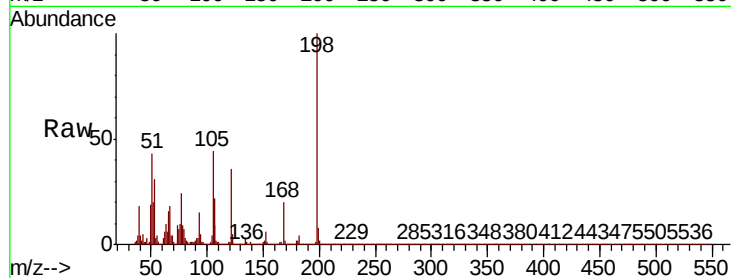




#65
4,6-Dinitro-2-methylphenol
Concen: 26.069 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

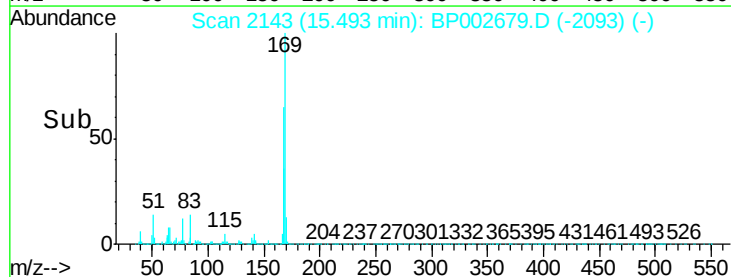
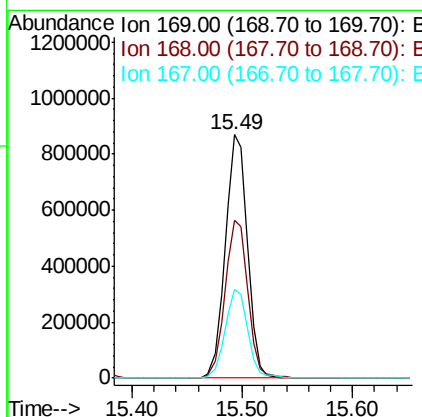
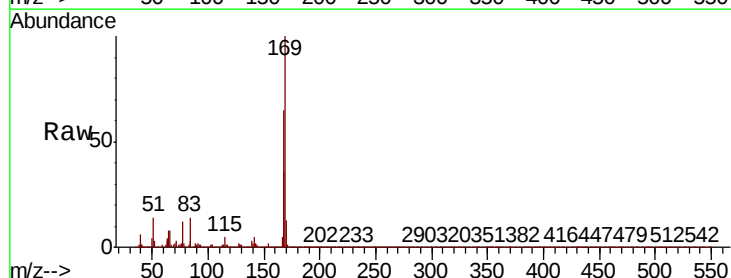
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

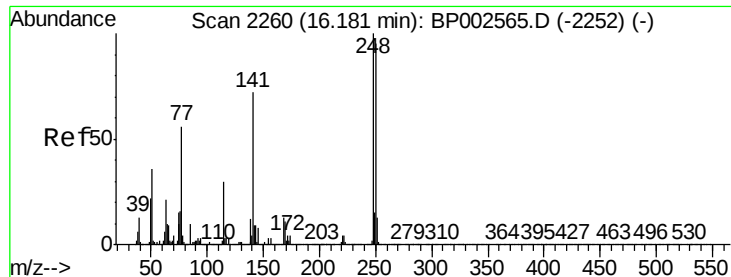
Tot Ion:198 Resp: 155961
Ion Ratio Lower Upper
198 100
51 43.2 24.2 64.2
105 44.5 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 42.685 ng
RT: 15.49 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion:169 Resp: 1219625
Ion Ratio Lower Upper
169 100
168 64.8 53.5 80.3
167 36.2 29.1 43.7

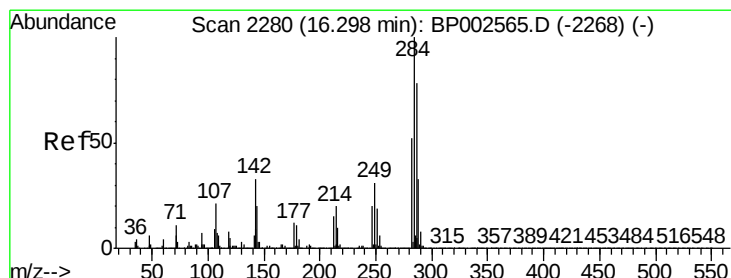
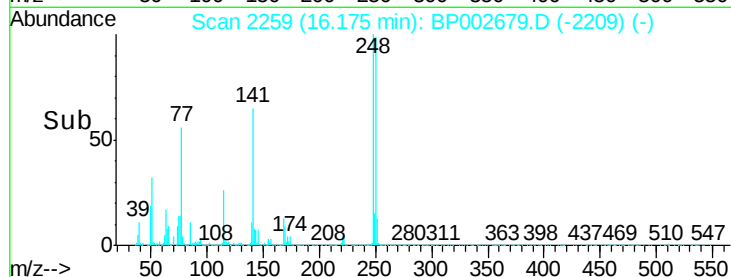
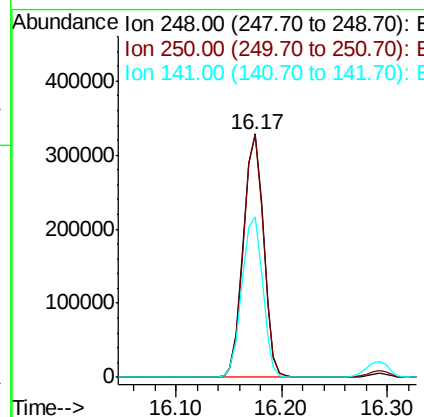
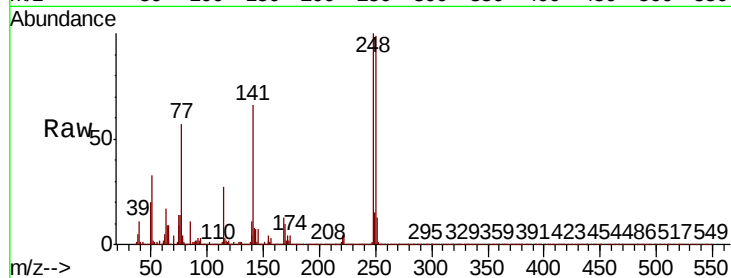




#67
4-Bromophenyl-phenylether
Concen: 39.612 ng
RT: 16.17 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

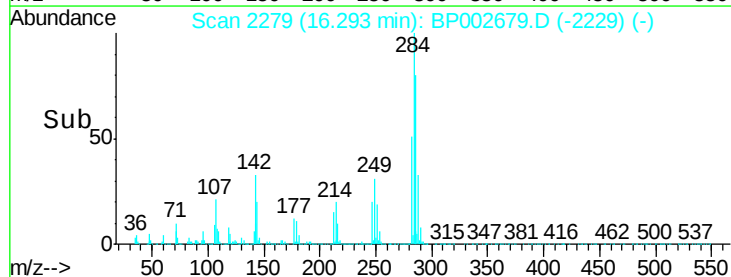
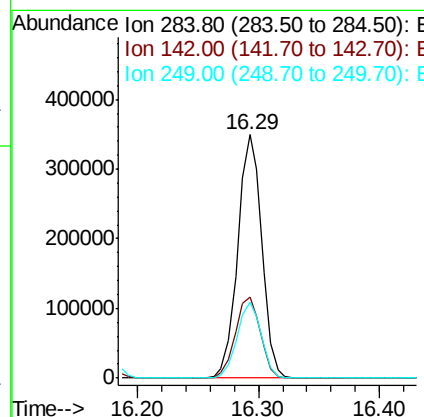
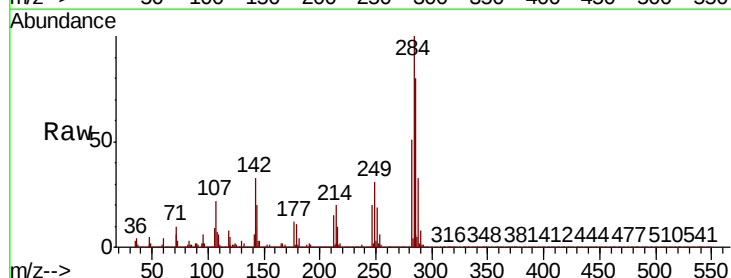
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

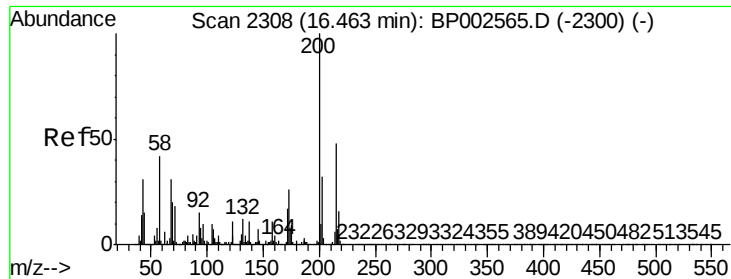
Tot Ion:248 Resp: 435689
Ion Ratio Lower Upper
248 100
250 99.4 76.1 114.1
141 65.7 57.8 86.6



#68
Hexachlorobenzene
Concen: 41.040 ng
RT: 16.29 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion:284 Resp: 483583
Ion Ratio Lower Upper
284 100
142 33.2 26.6 40.0
249 31.1 25.1 37.7





#69

Atrazine

Concen: 44.708 ng

RT: 16.46 min Scan# 2307

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :

BNA_P

ClientSampleId :

RO-24MSD

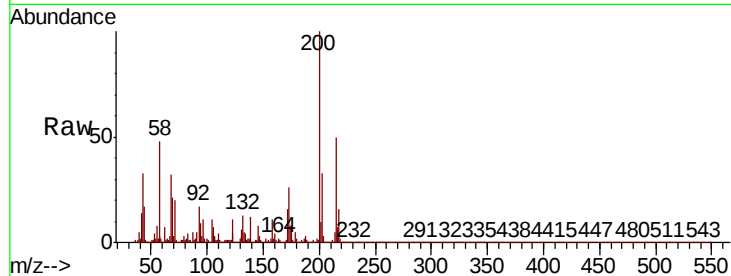
Tot Ion:200 Resp: 409887

Ion Ratio Lower Upper

200 100

173 26.1 6.3 46.3

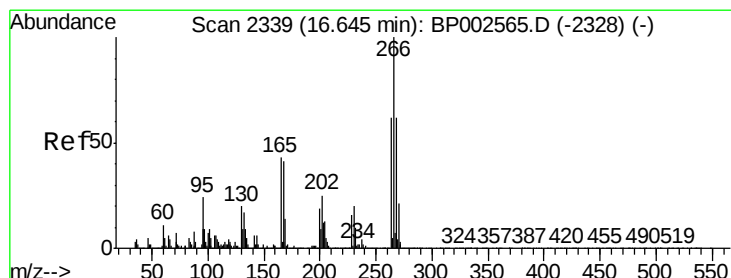
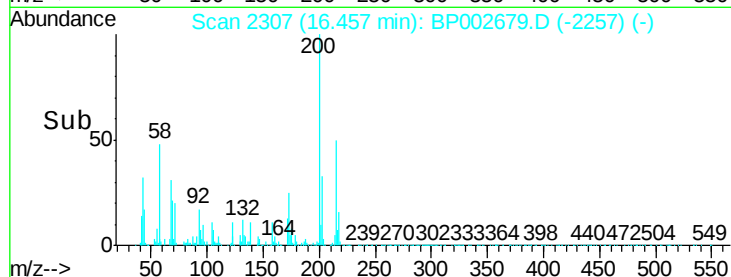
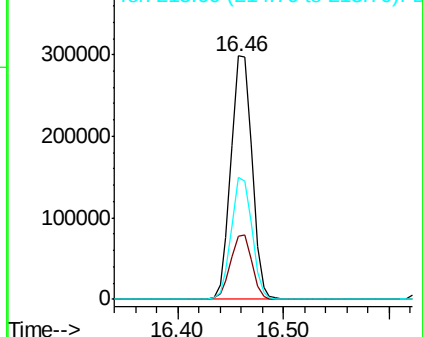
215 50.0 28.3 68.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 93.778 ng

RT: 16.65 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

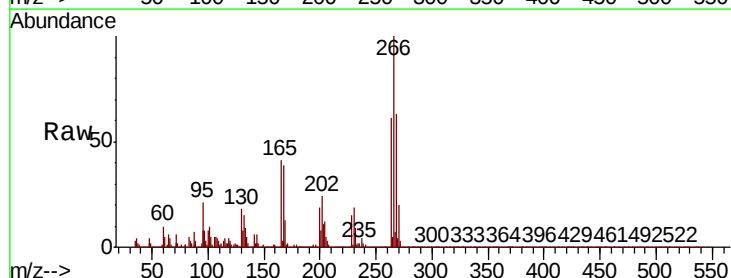
Tgt Ion:266 Resp: 634693

Ion Ratio Lower Upper

266 100

268 63.3 49.7 74.5

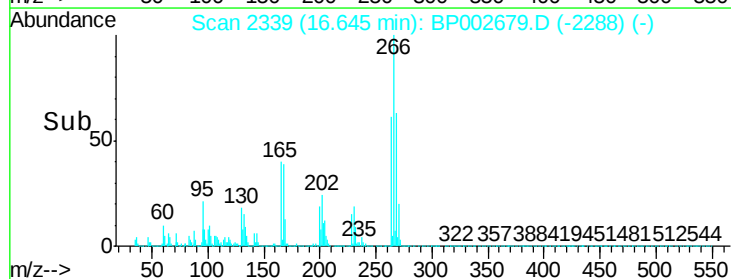
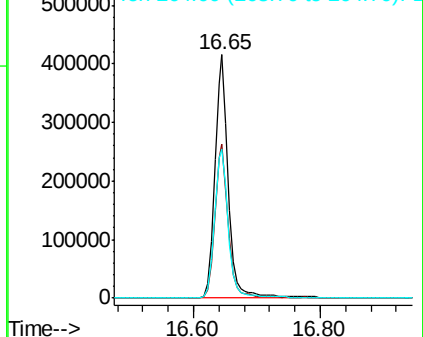
264 61.1 49.3 73.9

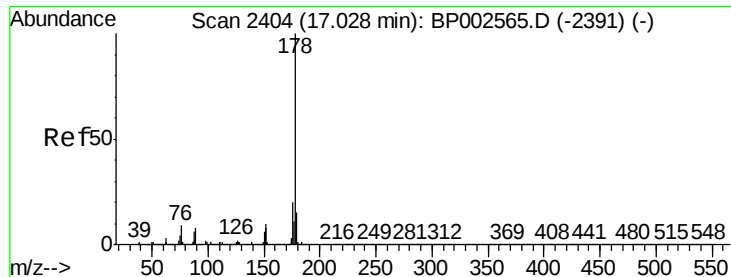


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.238 ng

RT: 17.02 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :

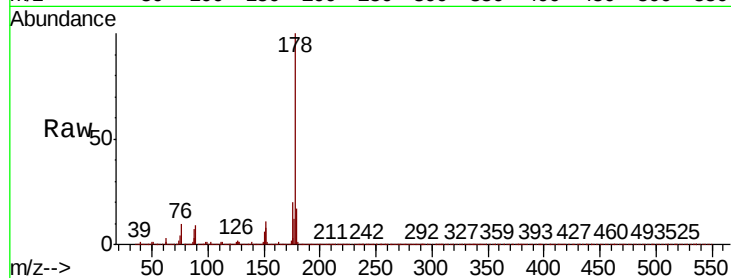
BNA_P

ClientSampleId :

RO-24MSD

Tot Ion:178 Resp: 2329637

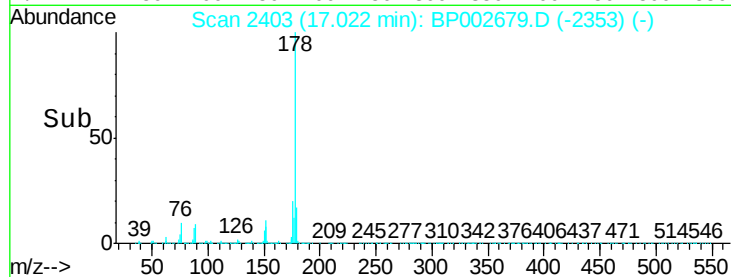
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	16.6	12.1	18.1



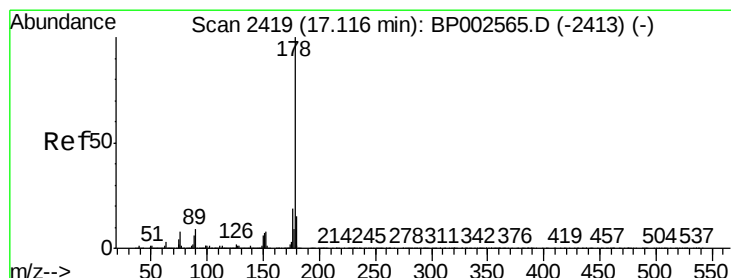
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 45.445 ng

RT: 17.11 min Scan# 2418

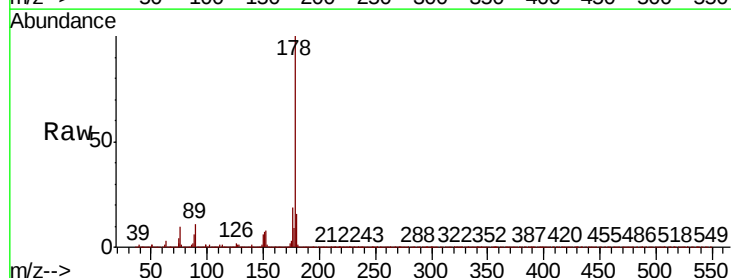
Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Tgt Ion:178 Resp: 2381507

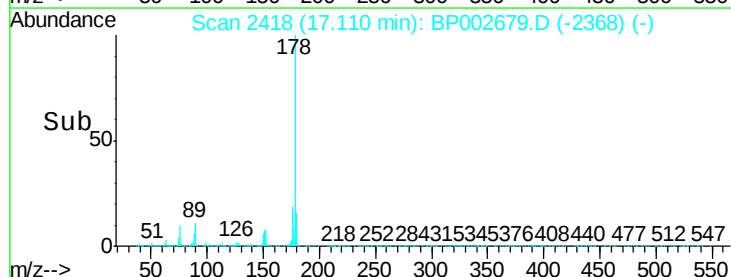
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.6	12.2	18.2



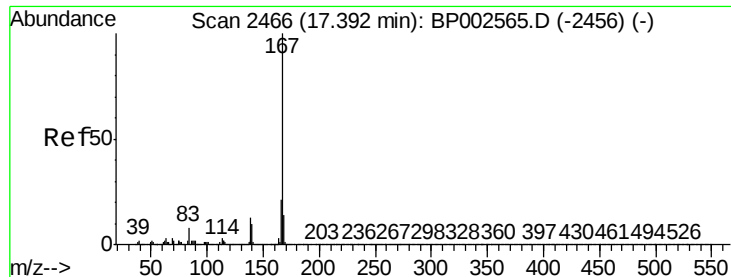
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#73

Carbazole

Concen: 46.747 ng

RT: 17.39 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :

BNA_P

ClientSampleId :

RO-24MSD

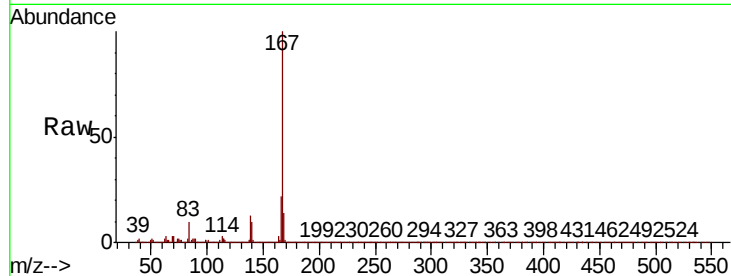
Tot Ion:167 Resp: 2367505

Ion Ratio Lower Upper

167 100

166 22.2 17.1 25.7

139 13.0 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.39

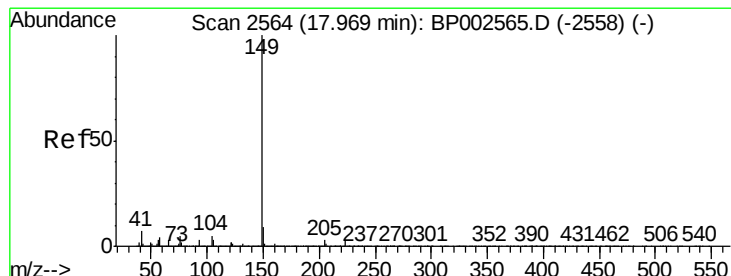
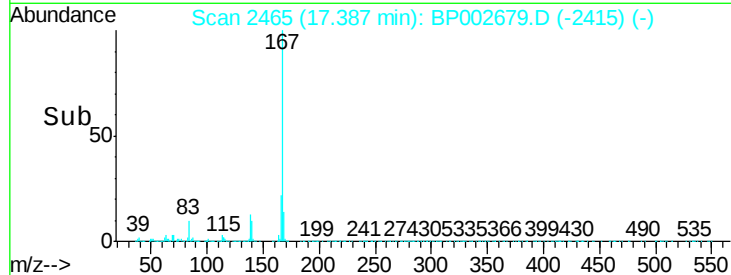
1500000

1000000

500000

0

Time--> 17.20 17.40 17.60



#74

Di-n-butylphthalate

Concen: 42.065 ng

RT: 17.96 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

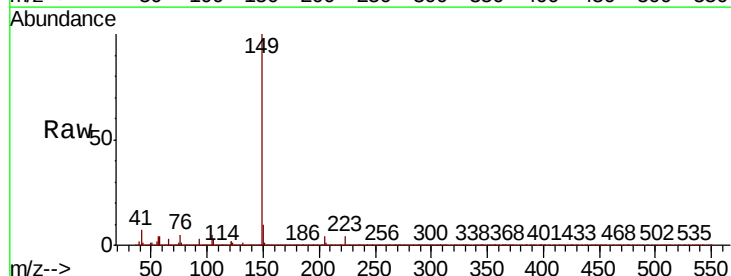
Tgt Ion:149 Resp: 2508928

Ion Ratio Lower Upper

149 100

150 9.7 7.3 10.9

104 5.1 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

17.96

2500000

2000000

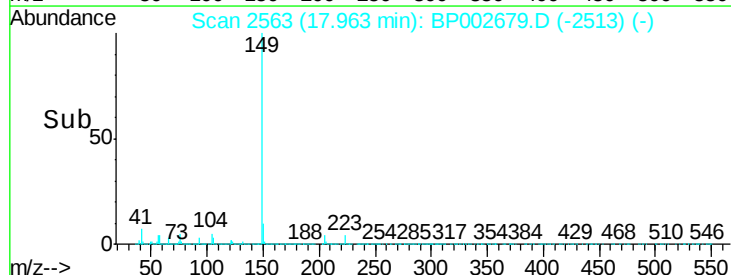
1500000

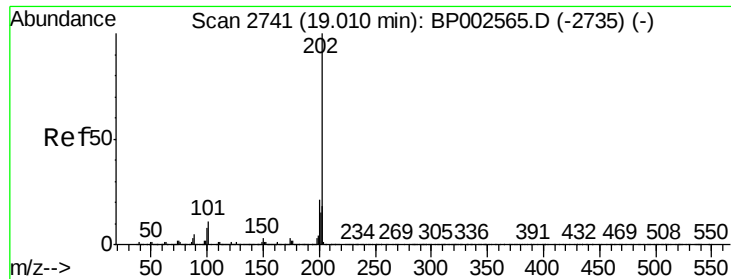
1000000

500000

0

Time--> 17.80 18.00 18.20





#75

Fluoranthene

Concen: 48.155 ng

RT: 19.01 min Scan# 2741

Delta R.T. 0.00 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :

BNA_P

ClientSampleId :

RO-24MSD

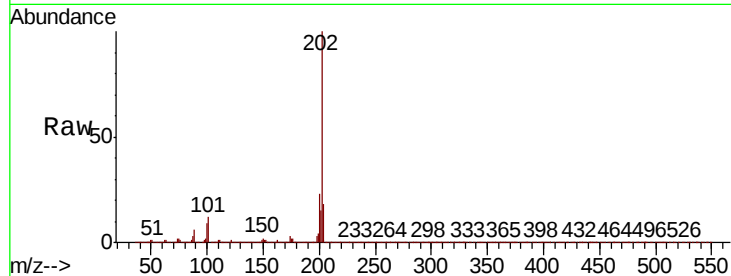
Tot Ion:202 Resp: 3069582

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.6
203	18.4	0.0	37.7

202 100

101 12.2 0.0 30.6

203 18.4 0.0 37.7

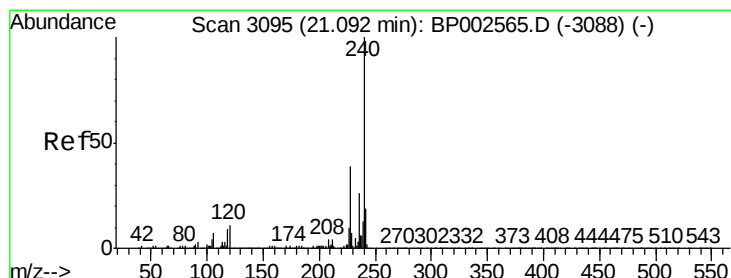
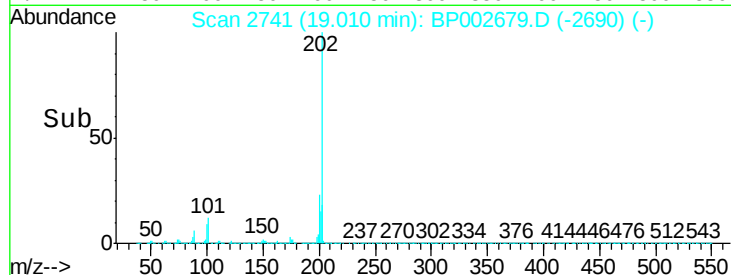
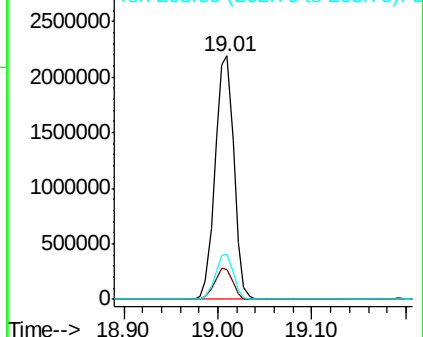


Abundance

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: 21.09 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

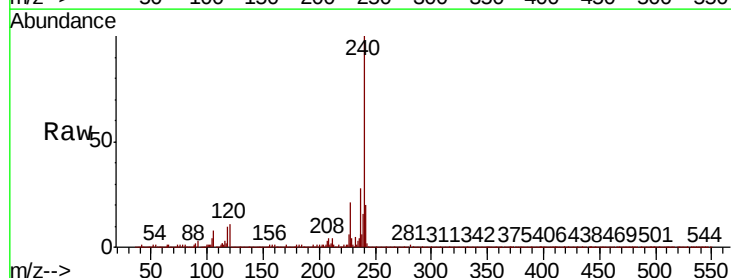
Tgt Ion:240 Resp: 1053452

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.6	13.0
236	27.8	20.8	31.2

240 100

120 11.4 8.6 13.0

236 27.8 20.8 31.2

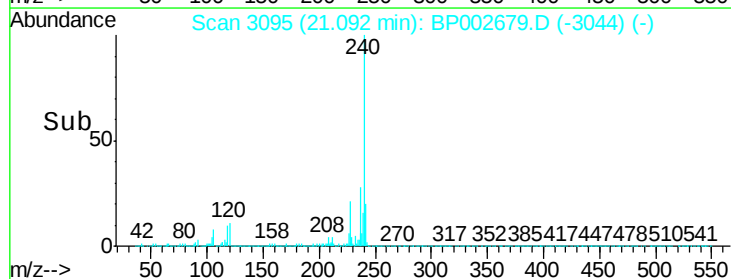
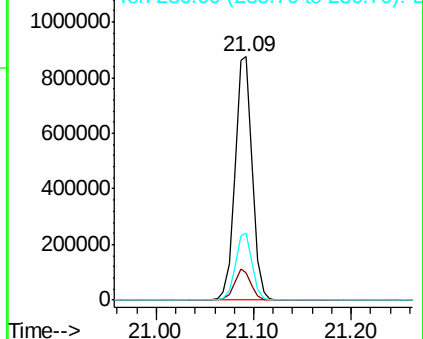


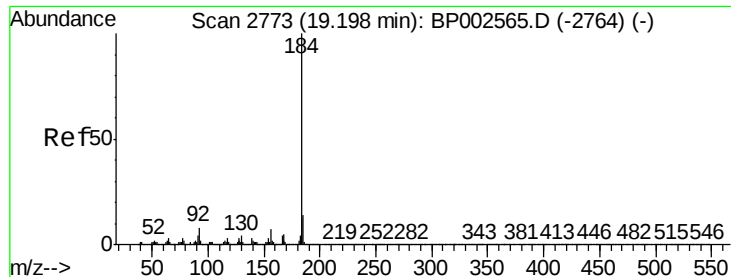
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 19.19 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :

BNA_P

ClientSampleId :

RO-24MSD

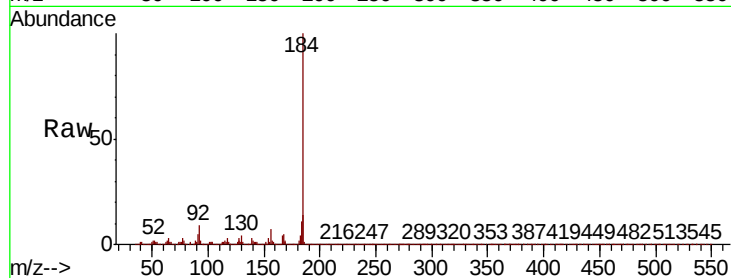
Tot Ion:184 Resp: 2056292

Ion Ratio Lower Upper

184 100

185 14.5 11.4 17.2

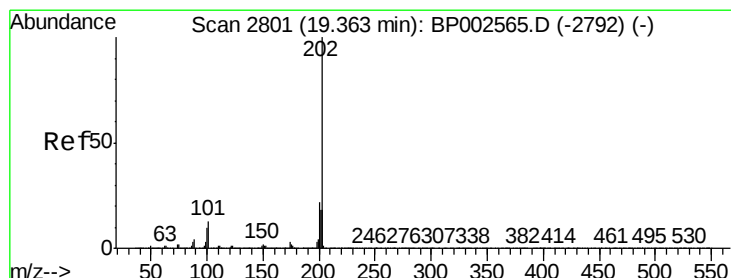
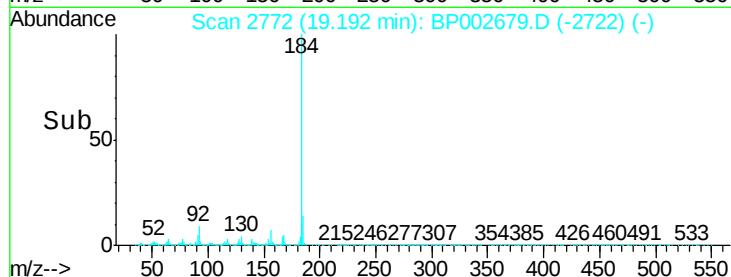
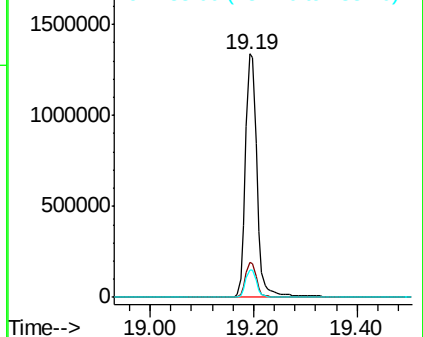
183 11.1 9.2 13.8



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: 43.896 ng

RT: 19.36 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

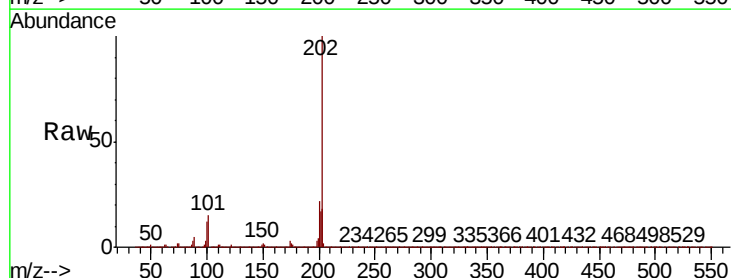
Tgt Ion:202 Resp: 3147555

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

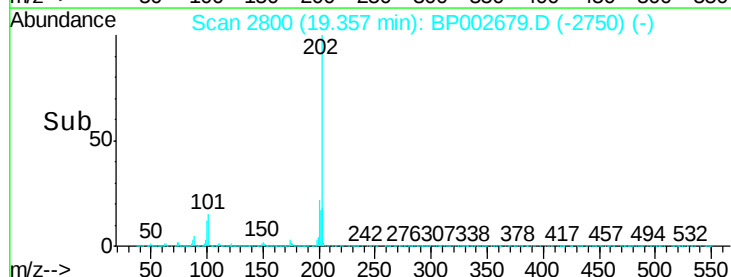
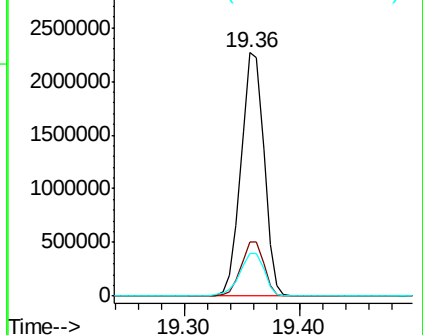
203 17.7 14.4 21.6

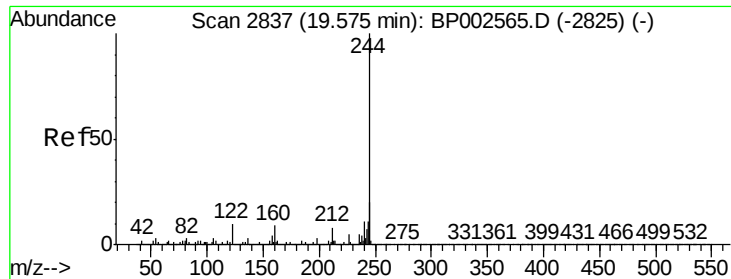


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.189 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :

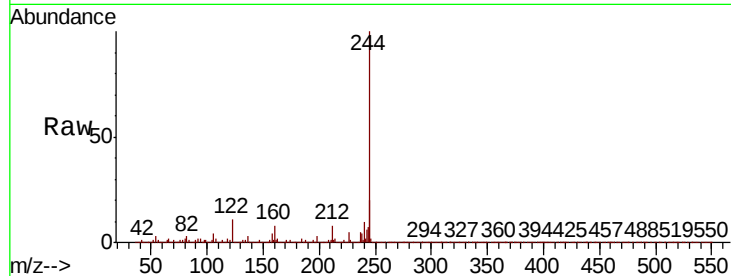
BNA_P

ClientSampleId :

RO-24MSD

Tot Ion:244 Resp: 3327962

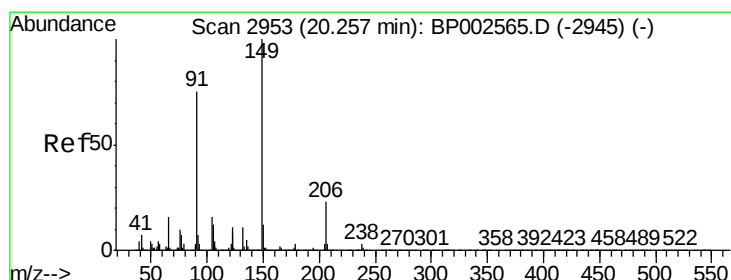
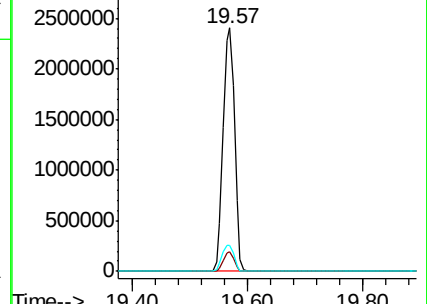
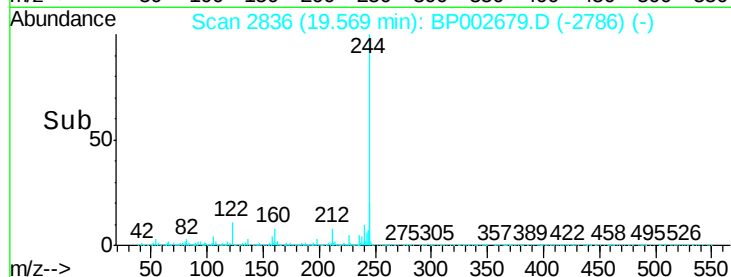
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.9	7.9	11.9



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: 41.942 ng

RT: 20.25 min Scan# 2952

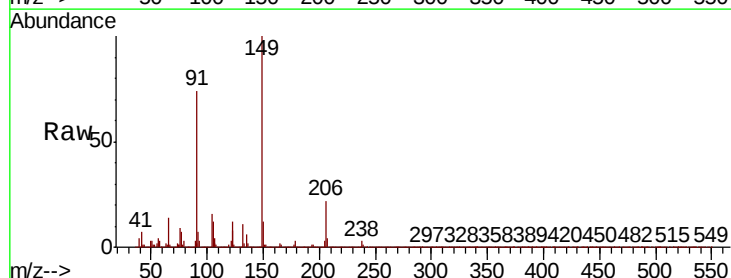
Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Tgt Ion:149 Resp: 1312953

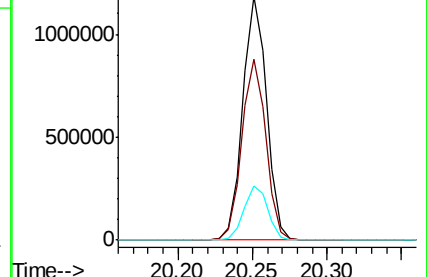
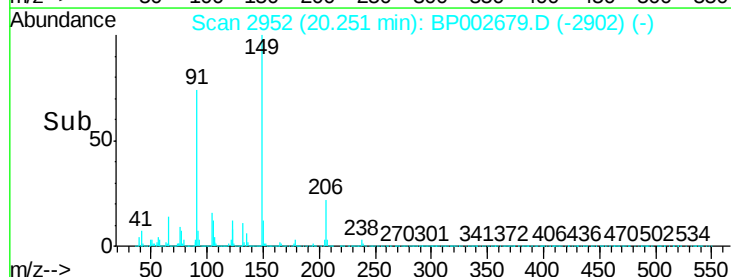
Ion	Ratio	Lower	Upper
149	100		
91	74.3	59.8	89.6
206	22.5	18.2	27.4

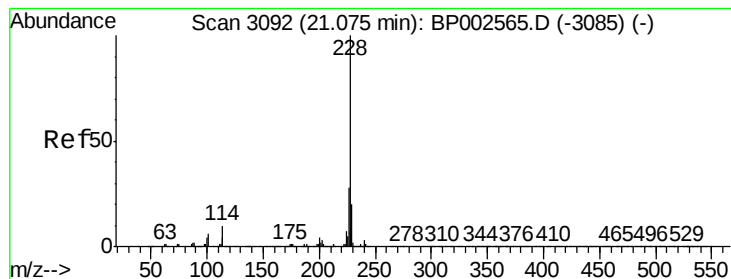


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.451 ng

RT: 21.07 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :

BNA_P

ClientSampleId :

RO-24MSD

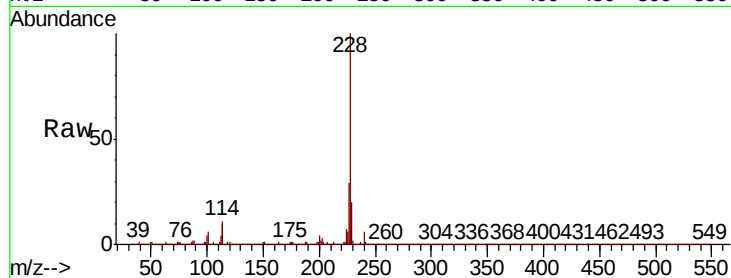
Tot Ion:228 Resp: 3061364

Ion Ratio Lower Upper

228 100

226 28.7 22.5 33.7

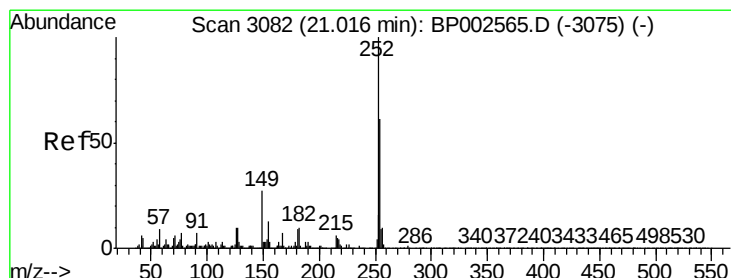
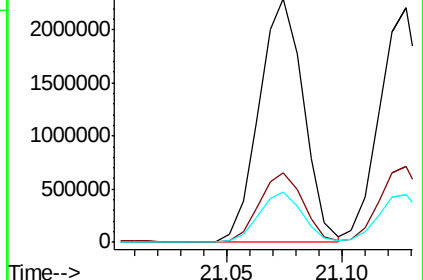
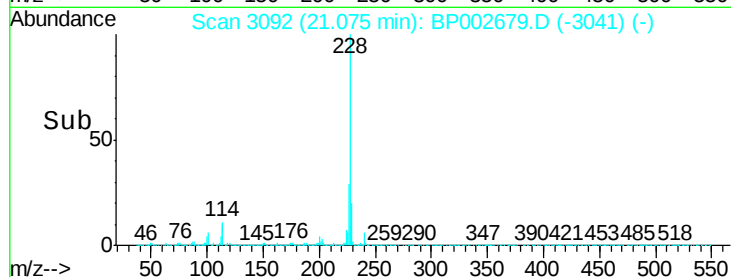
229 20.4 16.4 24.6



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: 44.235 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

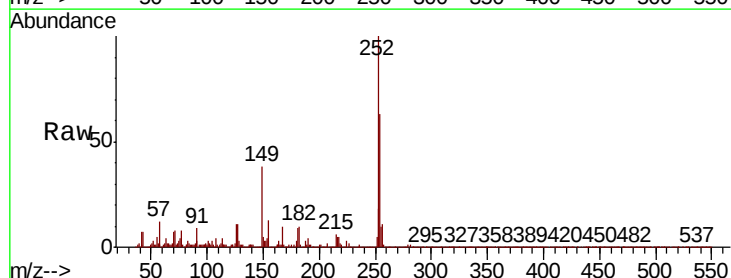
Tgt Ion:252 Resp: 1115363

Ion Ratio Lower Upper

252 100

254 62.9 49.0 73.6

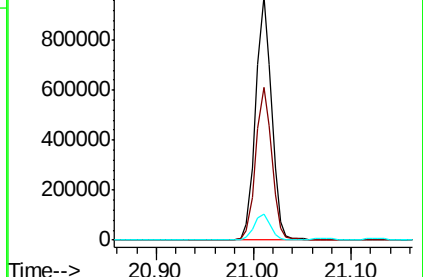
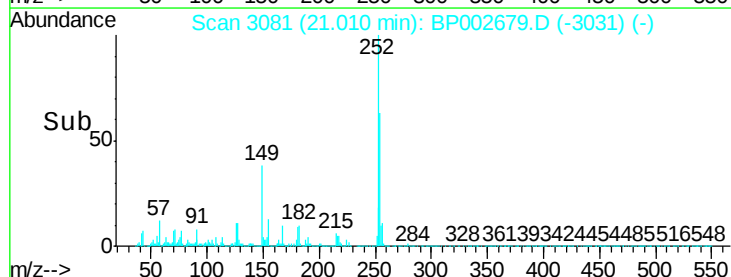
126 10.9 7.9 11.9

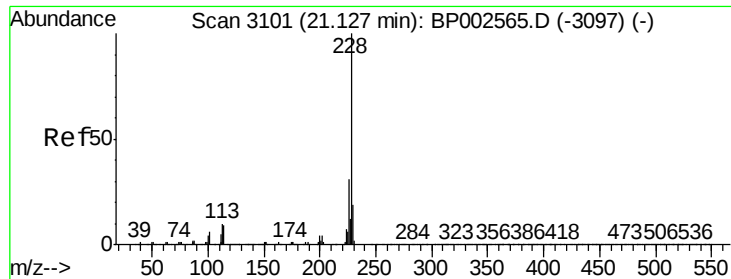


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

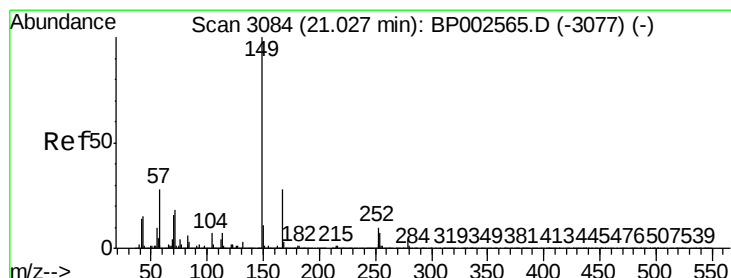
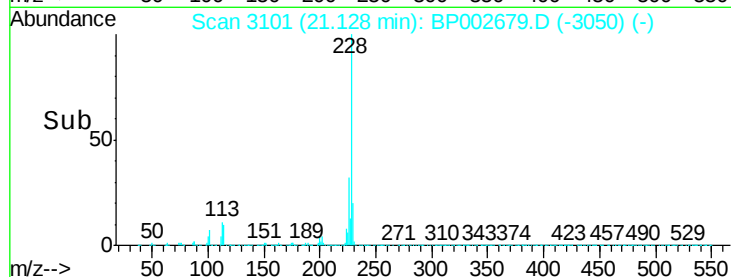
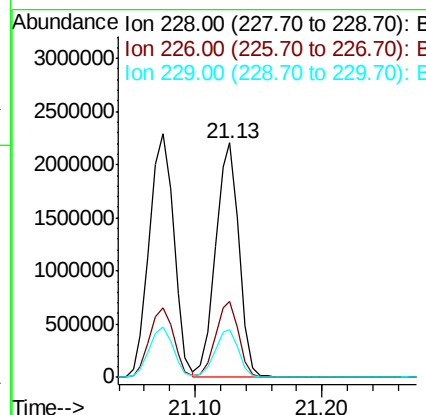
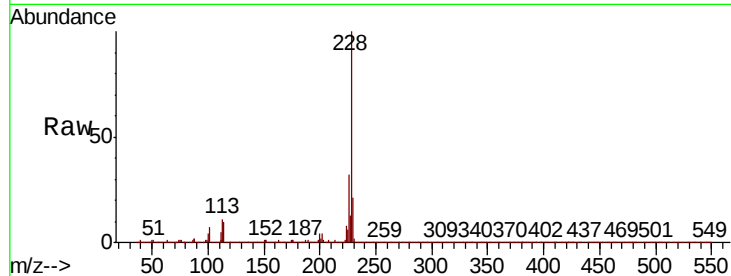




#83
Chrysene
Concen: 43.140 ng
RT: 21.13 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

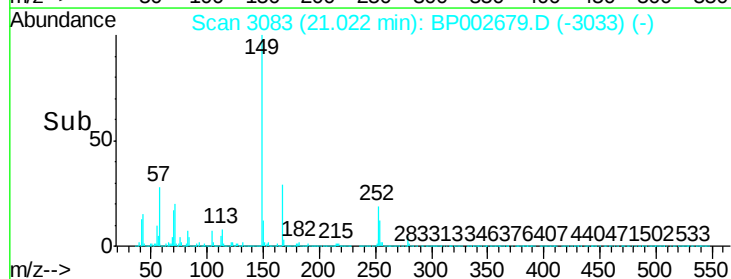
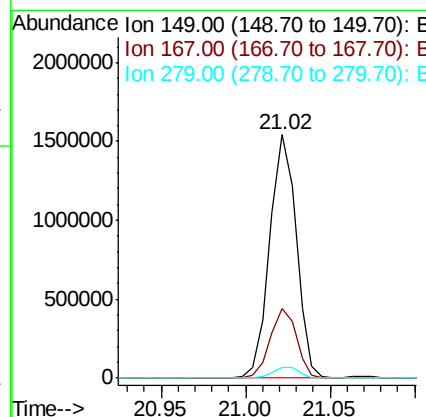
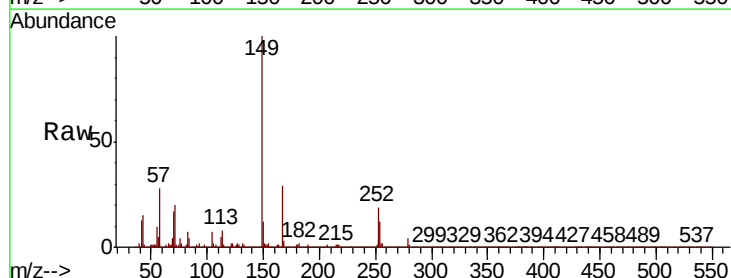
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

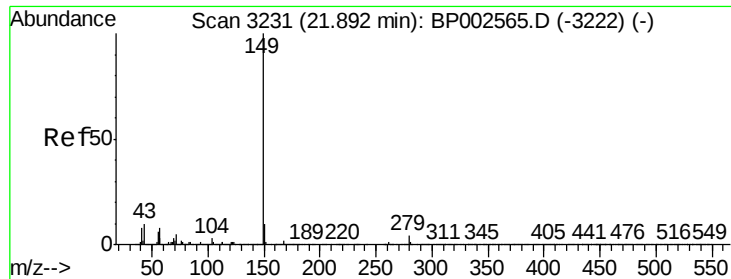
Tot Ion:228 Resp: 2849050
Ion Ratio Lower Upper
228 100
226 32.4 24.6 37.0
229 20.5 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.575 ng
RT: 21.02 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion:149 Resp: 1689057
Ion Ratio Lower Upper
149 100
167 28.5 22.1 33.1
279 4.4 3.4 5.0

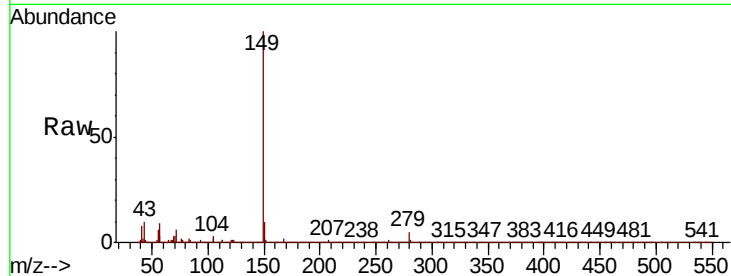




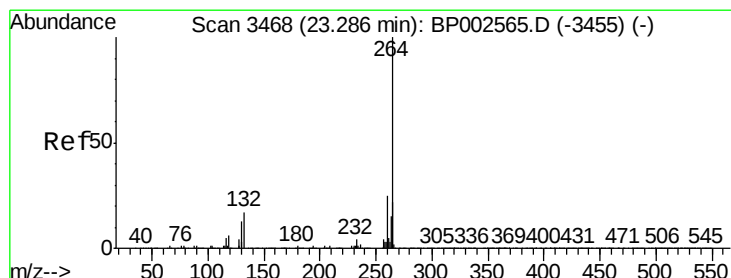
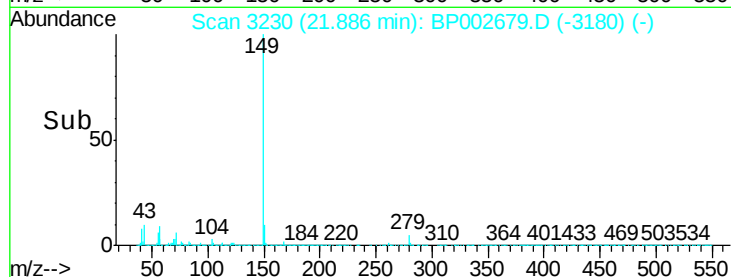
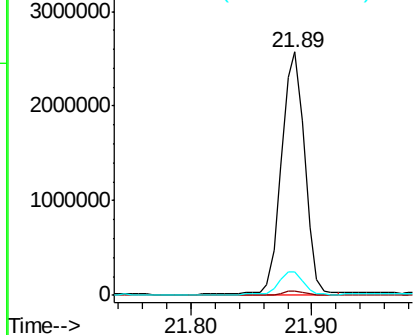
#85
Di-n-octyl phthalate
Concen: 42.983 ng
RT: 21.89 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Instrument :
BNA_P
ClientSampleId :
RO-24MSD

Tot Ion:149 Resp: 3412693
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.1 7.6 11.4

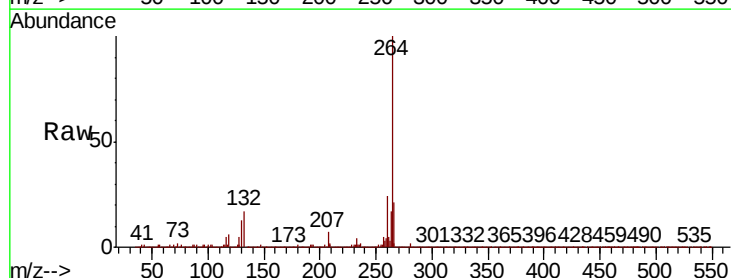


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BP0

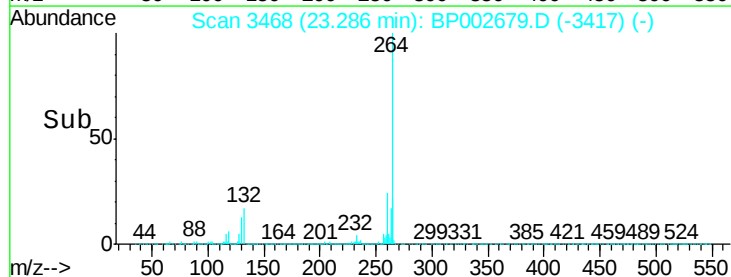
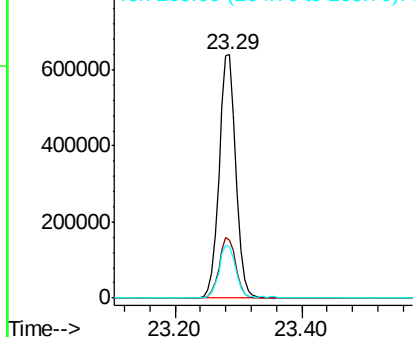


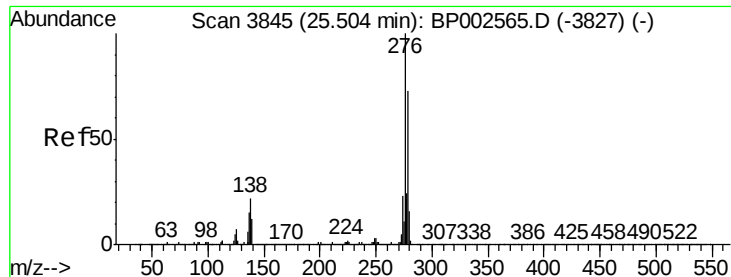
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. 0.00 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion:264 Resp: 1179186
Ion Ratio Lower Upper
264 100
260 24.1 19.7 29.5
265 21.1 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.724 ng

RT: 25.50 min Scan# 3845

Delta R.T. 0.00 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :

BNA_P

ClientSampleId :

RO-24MSD

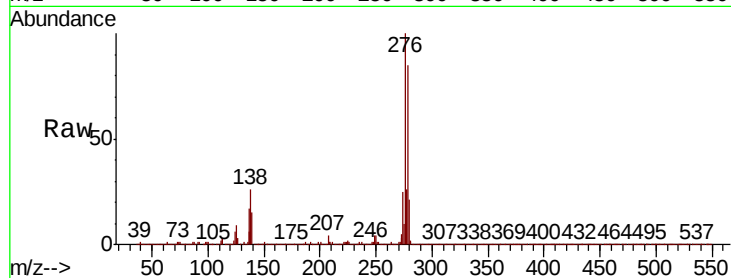
Tot Ion:276 Resp: 3542552

Ion Ratio Lower Upper

276 100

138 25.6 18.6 27.8

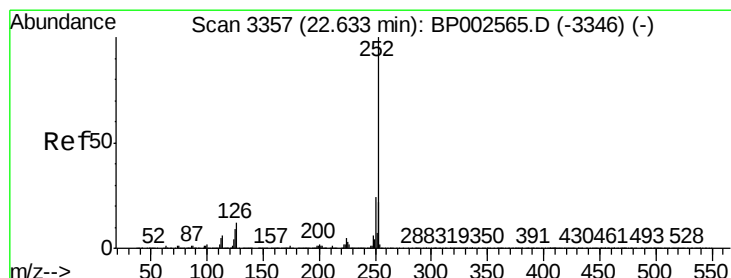
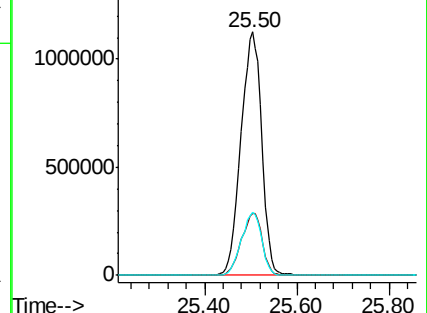
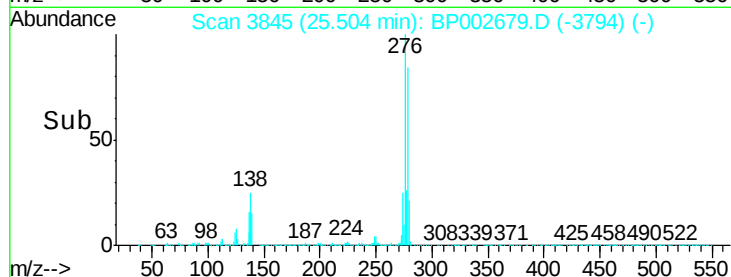
277 25.3 20.1 30.1



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



#88

Benzo(b)fluoranthene

Concen: 46.582 ng

RT: 22.63 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

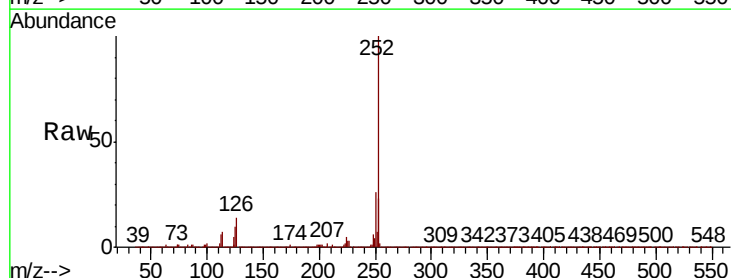
Tgt Ion:252 Resp: 3504948

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

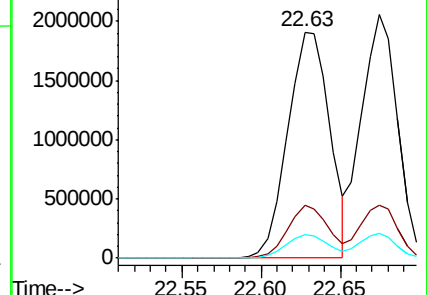
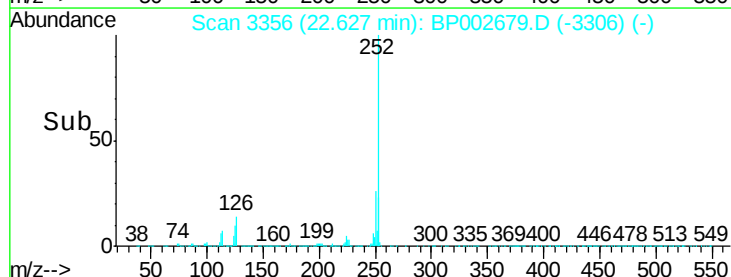
125 10.2 7.4 11.2

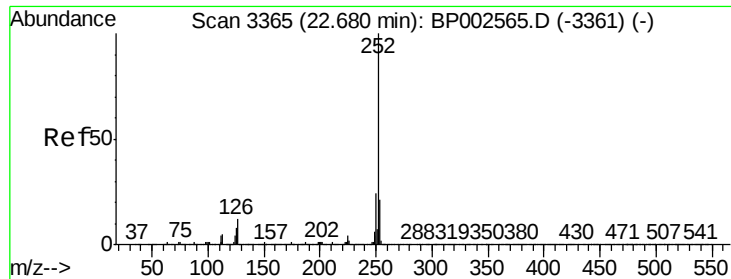


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

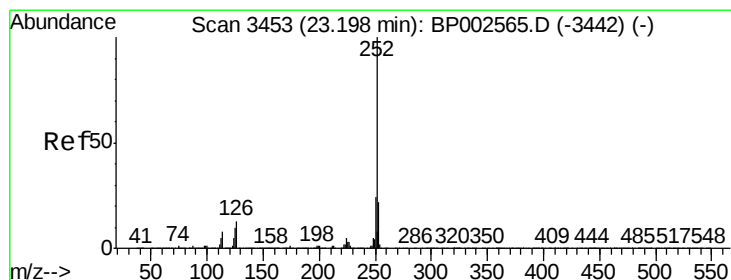
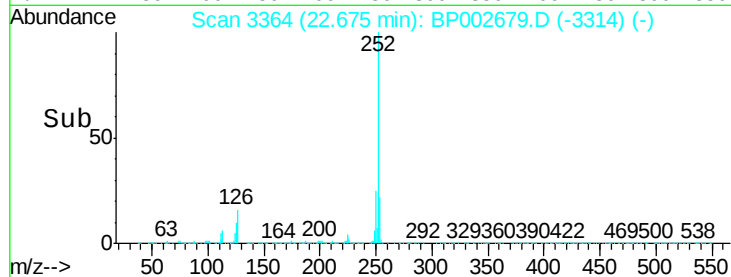
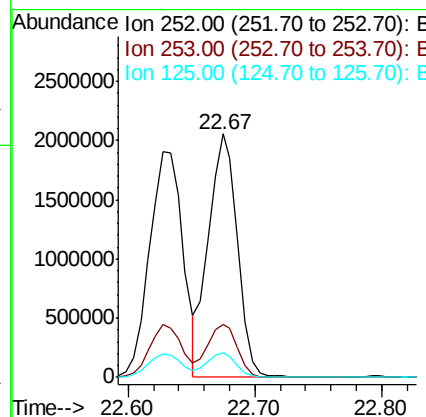
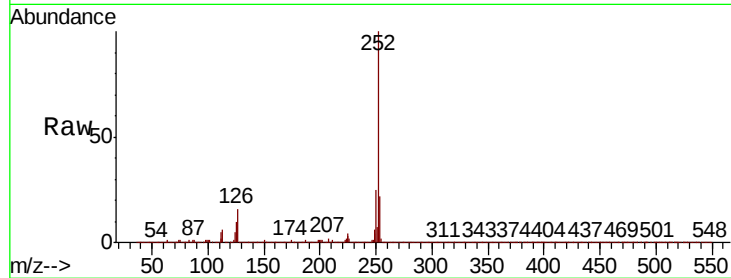




#89
Benzo(k)fluoranthene
Concen: 46.471 ng
RT: 22.67 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

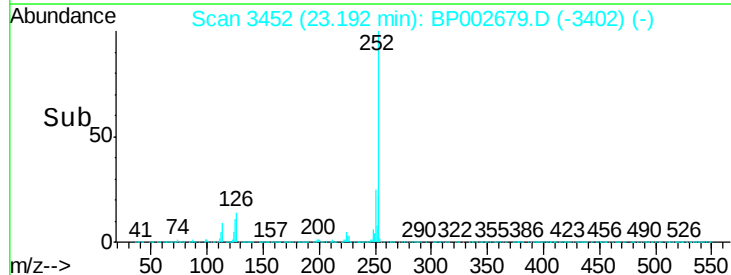
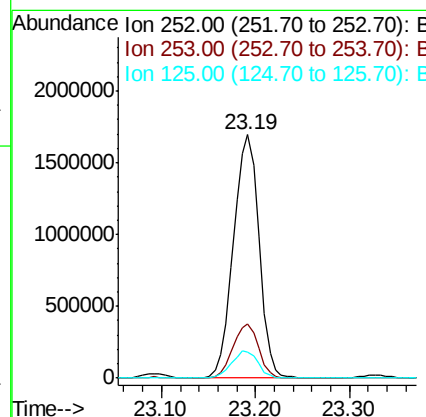
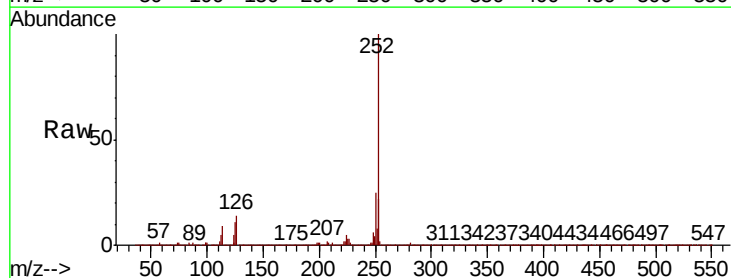
Instrument :
BNA_P
ClientSampleId :
RO-24MSD

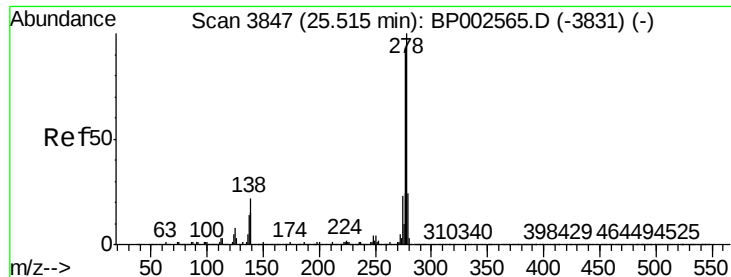
Tot Ion:252 Resp: 3261978
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.1 6.9 10.3



#90
Benzo(a)pyrene
Concen: 46.410 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BP002679.D
Acq: 08 Jul 2020 17:27

Tgt Ion:252 Resp: 3204512
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.9 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 41.353 ng

RT: 25.52 min Scan# 3847

Delta R.T. 0.00 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Instrument :

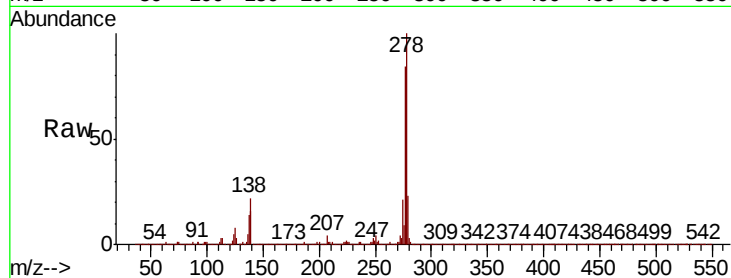
BNA_P

ClientSampleId :

RO-24MSD

Tot Ion:278 Resp: 2869007

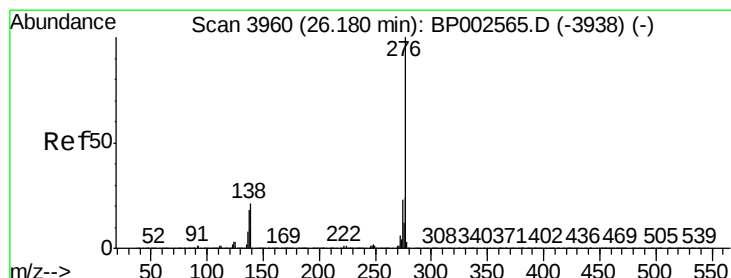
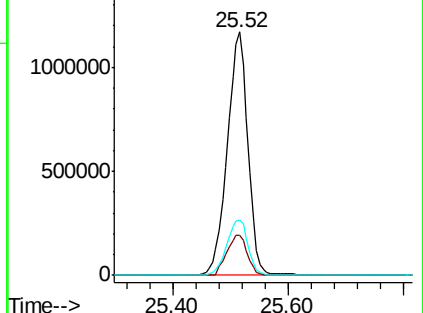
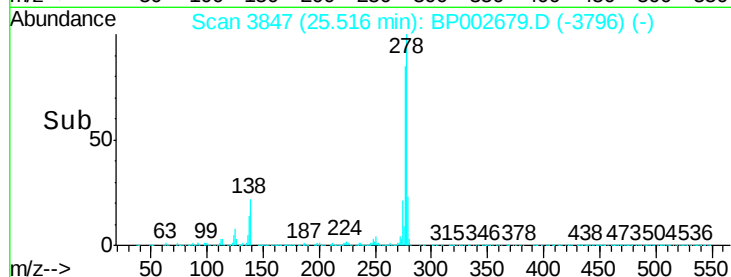
Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.2	18.2
279	22.7	19.0	28.6



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: 42.520 ng

RT: 26.17 min Scan# 3959

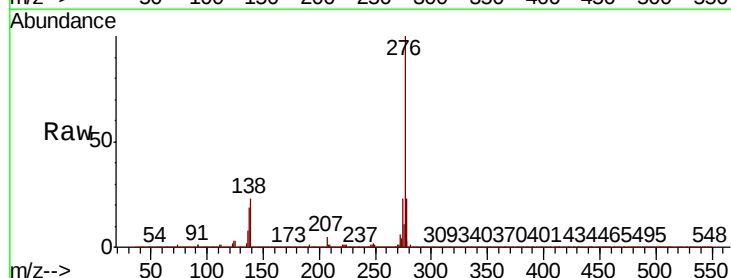
Delta R.T. -0.01 min

Lab File: BP002679.D

Acq: 08 Jul 2020 17:27

Tgt Ion:276 Resp: 2950227

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.3	28.9
138	22.8	16.9	25.3



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

