

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001590.D
 Acq On : 14 Jan 2020 16:35
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 14 21:47:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 15:02:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	25811	20.00	ng	-0.02
21) Naphthalene-d8	10.42	136	100002	20.00	ng	-0.02
39) Acenaphthene-d10	14.29	164	76414	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	188137	20.00	ng	-0.02
76) Chrysene-d12	21.16	240	179965	20.00	ng	-0.02
87) Perylene-d12	23.39	264	173274	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	107556	81.63	ng	-0.03
7) Phenol-d6	6.83	99	148886	70.70	ng	-0.02
23) Nitrobenzene-d5	8.79	82	179086	78.25	ng	-0.02
42) 2,4,6-Tribromophenol	15.79	330	80817	69.48	ng	-0.02
45) 2-Fluorobiphenyl	12.90	172	410114	78.91	ng	-0.02
79) Terphenyl-d14	19.64	244	751585	76.39	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	21993	52.301	ng	99
3) Pyridine	3.61	79	64273	42.299	ng	97
4) n-Nitrosodimethylamine	3.53	42	51385	47.713	ng	96
6) Aniline	6.98	93	95530	36.281	ng	97
8) 2-Chlorophenol	7.21	128	56685	36.849	ng	96
9) Benzaldehyde	6.79	77	42286	33.618	ng	94
10) Phenol	6.86	94	75762	34.779	ng	100
11) bis(2-Chloroethyl)ether	7.08	93	64304	37.639	ng	94
12) 1,3-Dichlorobenzene	7.53	146	76111	39.362	ng	94
13) 1,4-Dichlorobenzene	7.68	146	75580	37.800	ng	95
14) 1,2-Dichlorobenzene	7.99	146	71643	37.078	ng	98
15) Benzyl Alcohol	7.88	79	63583	32.062	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.18	45	124800	39.321	ng	96
17) 2-Methylphenol	8.09	107	52488	34.704	ng	99
18) Hexachloroethane	8.71	117	31373	40.193	ng	96
19) n-Nitroso-di-n-propylamine	8.45	70	55201	34.383	ng	95
20) 3+4-Methylphenols	8.42	107	71141	33.627	ng	97
22) Acetophenone	8.46	105	103693	36.990	ng	# 94
24) Nitrobenzene	8.83	77	87207	37.667	ng	95
25) Isophorone	9.36	82	145417	35.434	ng	99
26) 2-Nitrophenol	9.53	139	31480	35.979	ng	98
27) 2,4-Dimethylphenol	9.61	122	46031	35.215	ng	96
28) bis(2-Chloroethoxy)methane	9.85	93	87728	36.491	ng	97
29) 2,4-Dichlorophenol	10.07	162	63690	35.597	ng	96
30) 1,2,4-Trichlorobenzene	10.28	180	83690	38.746	ng	94
31) Naphthalene	10.46	128	195067	36.960	ng	99
32) Benzoic acid	9.75	122	27021	25.422	ng	92
33) 4-Chloroaniline	10.58	127	78610	32.349	ng	97
34) Hexachlorobutadiene	10.76	225	60892	39.825	ng	96
35) Caprolactam	11.36	113	18026	27.744	ng	93
36) 4-Chloro-3-methylphenol	11.72	107	69976	32.588	ng	98
37) 2-Methylnaphthalene	12.09	142	149102	35.448	ng	94
38) 1-Methylnaphthalene	12.31	142	141678	35.003	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	104122	39.778	ng	99

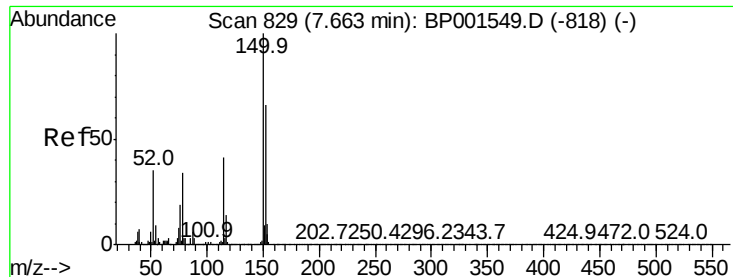
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001590.D
 Acq On : 14 Jan 2020 16:35
 Operator : JU
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Quant Time: Jan 14 21:47:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 15:02:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	56799	42.777	nq	99
43) 2,4,6-Trichlorophenol	12.71	196	61272	36.294	nq	95
44) 2,4,5-Trichlorophenol	12.78	196	65959	36.767	nq	94
46) 1,1'-Biphenyl	13.12	154	209288	38.221	nq	99
47) 2-Chloronaphthalene	13.15	162	175795	38.628	nq	98
48) 2-Nitroaniline	13.36	65	64472	36.059	nq	97
49) Acenaphthylene	14.00	152	262435	37.391	nq	99
50) Dimethylphthalate	13.76	163	220301	35.003	nq	98
51) 2,6-Dinitrotoluene	13.87	165	48275	36.170	nq	98
52) Acenaphthene	14.35	154	160649	36.958	nq	99
53) 3-Nitroaniline	14.20	138	45254	32.114	nq	92
54) 2,4-Dinitrophenol	14.40	184	20722	27.613	nq	# 79
55) Dibenzofuran	14.69	168	270427	36.789	nq	97
56) 4-Nitrophenol	14.52	139	32499	28.881	nq	97
57) 2,4-Dinitrotoluene	14.66	165	66776	34.194	nq	# 99
58) Fluorene	15.35	166	220424	37.058	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	63097	34.061	nq	99
60) Diethylphthalate	15.14	149	226239	34.949	nq	100
61) 4-Chlorophenyl-phenylether	15.35	204	127061	37.325	nq	98
62) 4-Nitroaniline	15.37	138	49912	31.066	nq	97
63) Azobenzene	15.65	77	248996	38.496	nq	97
65) 4,6-Dinitro-2-methylphenol	15.43	198	34507	33.925	nq	92
66) n-Nitrosodiphenylamine	15.56	169	188753	37.870	nq	99
67) 4-Bromophenyl-phenylether	16.25	248	81099	38.211	nq	96
68) Hexachlorobenzene	16.36	284	94827	38.455	nq	96
69) Atrazine	16.53	200	64657	35.322	nq	97
70) Pentachlorophenol	16.71	266	45835	33.657	nq	97
71) Phenanthrene	17.09	178	382414	37.376	nq	99
72) Anthracene	17.19	178	370139	37.161	nq	100
73) Carbazole	17.46	167	325672	34.827	nq	99
74) Di-n-butylphthalate	18.05	149	402699	36.399	nq	100
75) Fluoranthene	19.07	202	478935	35.575	nq	100
77) Benzidine	19.26	184	144701	35.214	nq	96
78) Pyrene	19.43	202	493117	37.301	nq	99
80) Butylbenzylphthalate	20.33	149	184830	36.786	nq	98
81) Benzo(a)anthracene	21.14	228	457762	36.523	nq	99
82) 3,3'-Dichlorobenzidine	21.08	252	159225	33.878	nq	97
83) Chrysene	21.19	228	453213	37.105	nq	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	262114	38.054	nq	97
85) Di-n-octyl phthalate	21.98	149	409139	37.253	nq	96
86) Indeno(1,2,3-cd)pyrene	25.66	276	436596	30.536	nq	98
88) Benzo(b)fluoranthene	22.72	252	431291	39.500	nq	99
89) Benzo(k)fluoranthene	22.77	252	433033	40.676	nq	99
90) Benzo(a)pyrene	23.30	252	393853	37.990	nq	98
91) Dibenzo(a,h)anthracene	25.67	278	364373	34.065	nq	# 97
92) Benzo(g,h,i)perylene	26.34	276	363511	34.185	nq	98

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

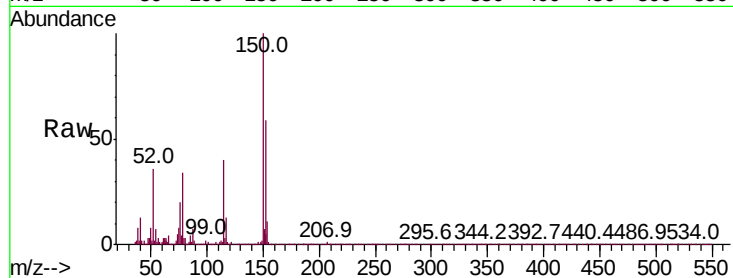


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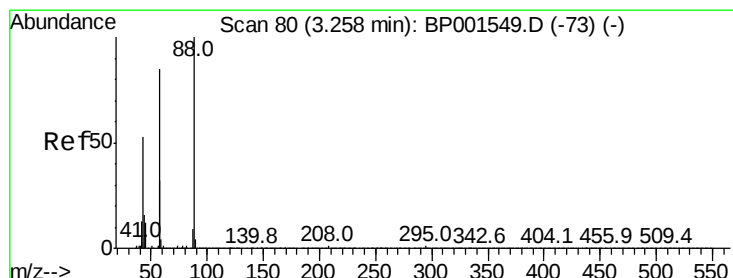
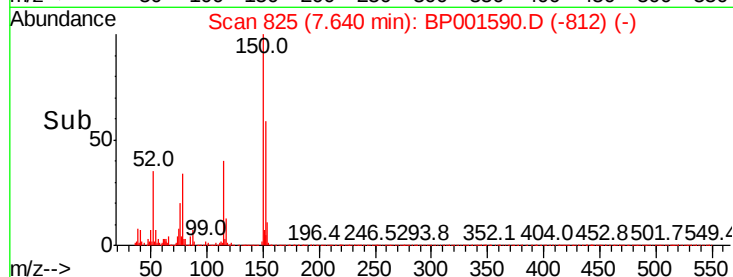
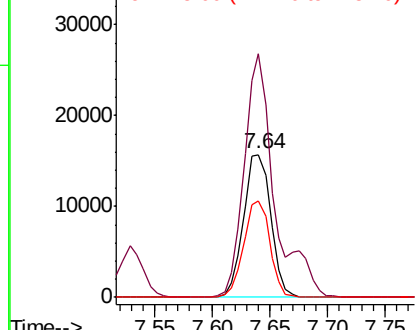
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 825
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	170.6	122.0	183.0
115	67.4	50.7	76.1



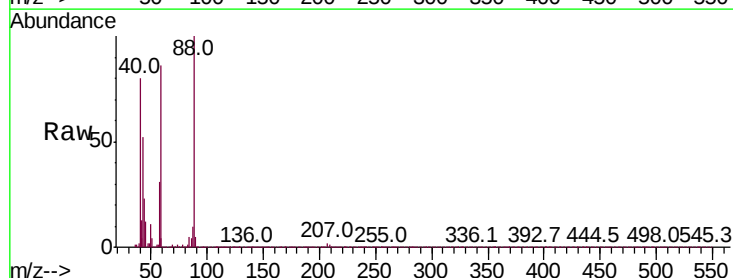
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



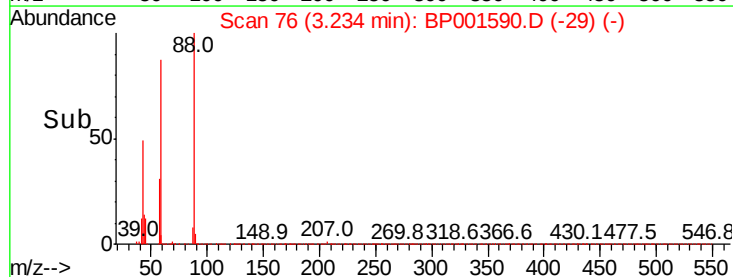
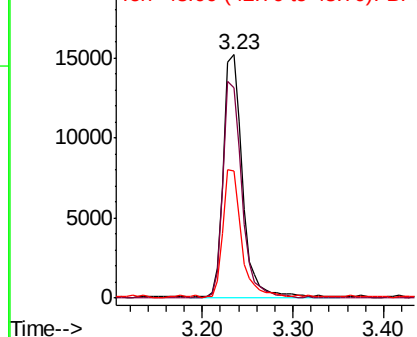
#2

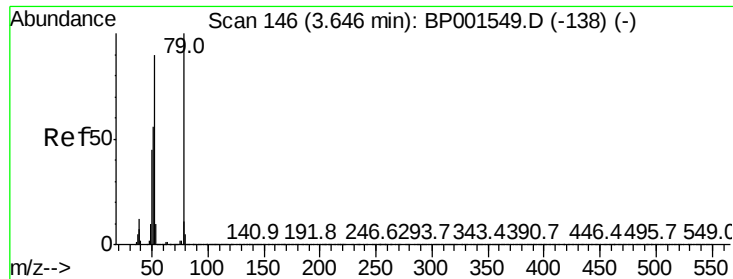
1,4-Dioxane
Concen: 52.301 ng
RT: 3.23 min Scan# 76
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	69.5	104.3
43	50.9	40.3	60.5



Abundance Ion 88.00 (87.70 to 88.70): BP0
Ion 58.00 (57.70 to 58.70): BP0
Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 42.299 ng

RT: 3.61 min Scan# 140

Delta R.T. -0.04 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Instrument :

BNA_P

ClientSampled :

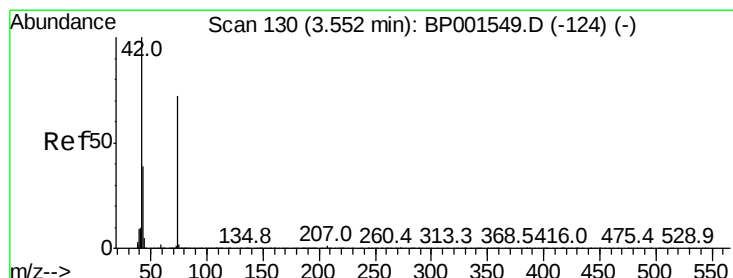
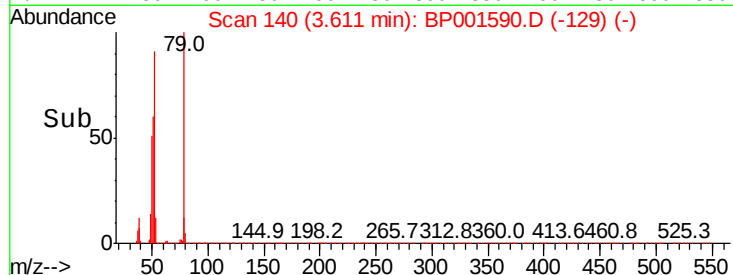
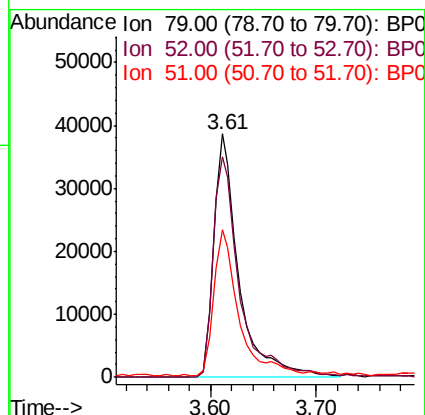
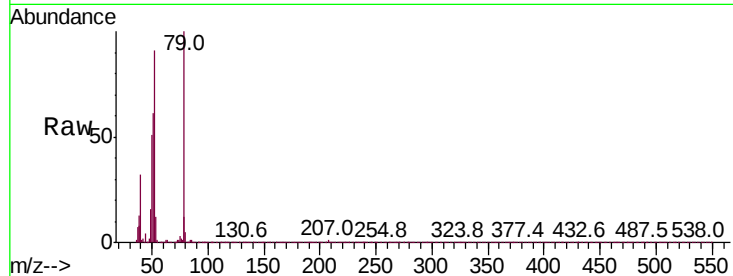
Tot Ion: 79 Resp: 64273

Ion Ratio Lower Upper

79 100

52 90.6 72.1 108.1

51 60.8 44.8 67.2



#4

n-Nitrosodimethylamine

Concen: 47.713 ng

RT: 3.53 min Scan# 126

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

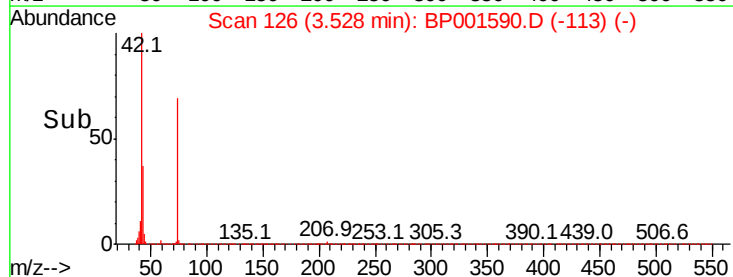
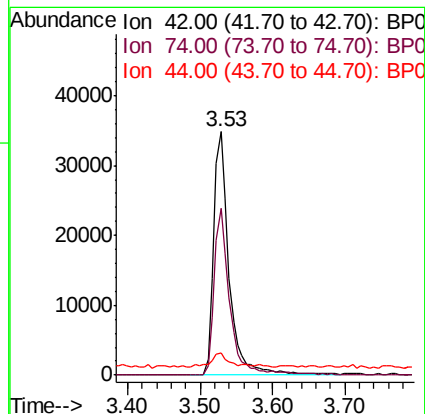
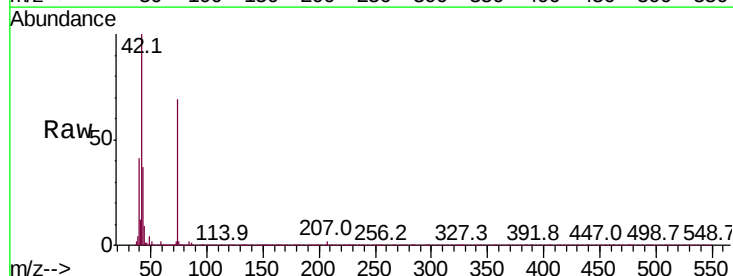
Tgt Ion: 42 Resp: 51385

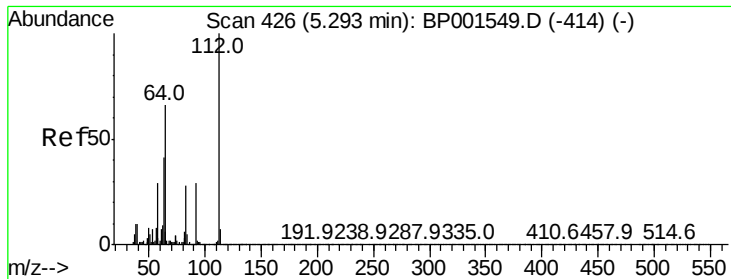
Ion Ratio Lower Upper

42 100

74 68.7 58.0 87.0

44 8.9 6.7 10.1





#5

2-Fluorophenol

Concen: 81.629 ng

RT: 5.26 min Scan# 421

Delta R.T. -0.03 min

Lab File: BP001590.D

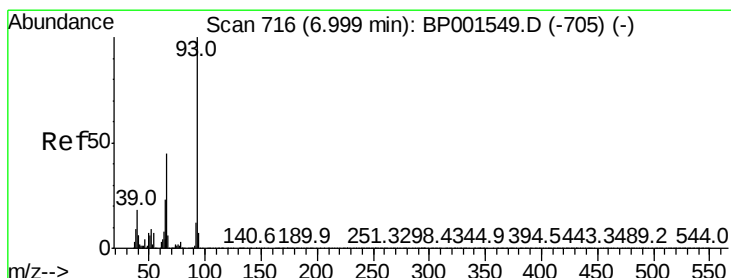
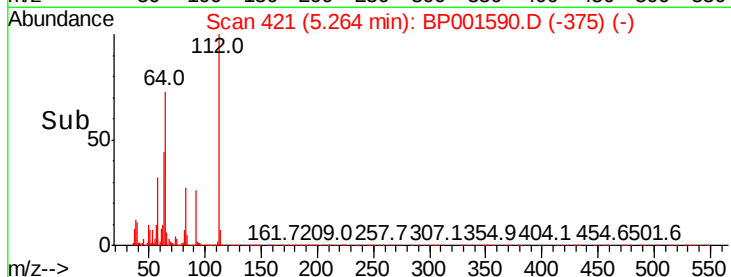
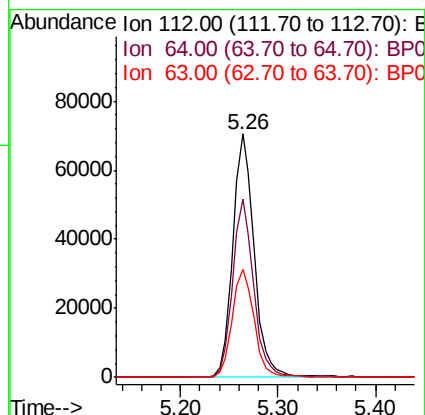
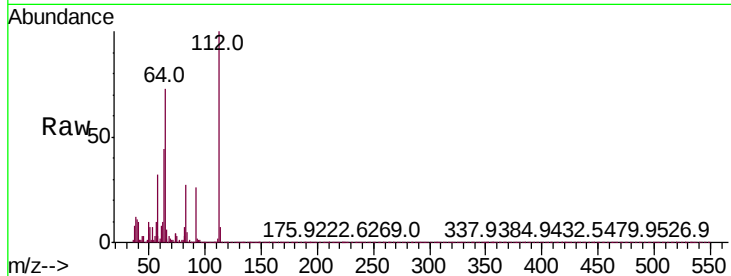
Acq: 14 Jan 2020 16:35

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	112	Resp:	107556
Ion	Ratio	Lower	Upper
112	100		
64	73.3	52.8	79.2
63	44.1	33.1	49.7



#6

Aniline

Concen: 36.281 ng

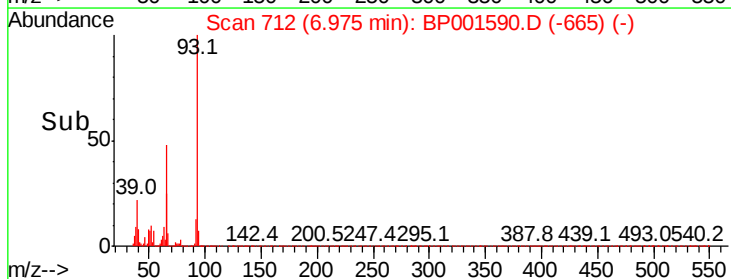
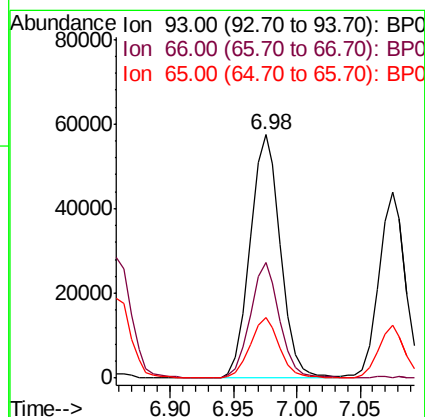
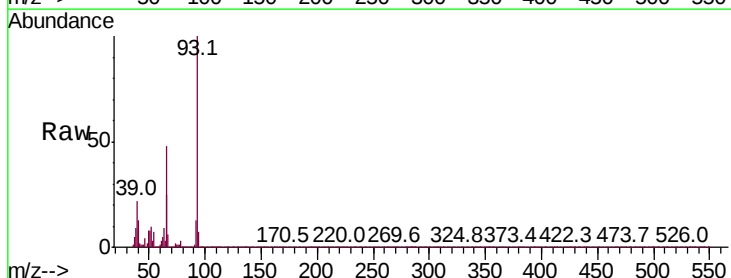
RT: 6.98 min Scan# 712

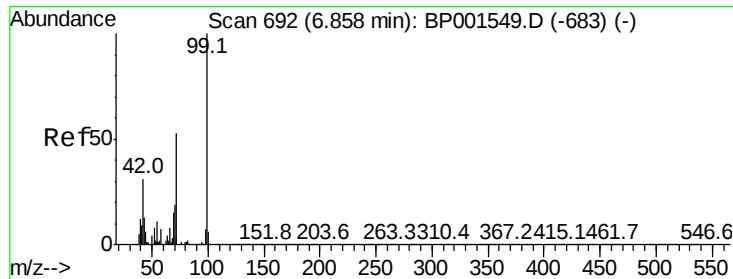
Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Tgt Ion:	93	Resp:	95530
Ion	Ratio	Lower	Upper
93	100		
66	47.5	36.4	54.6
65	25.0	18.5	27.7





#7

Phenol-d6

Concen: 70.702 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Instrument :

BNA_P

ClientSampleId :

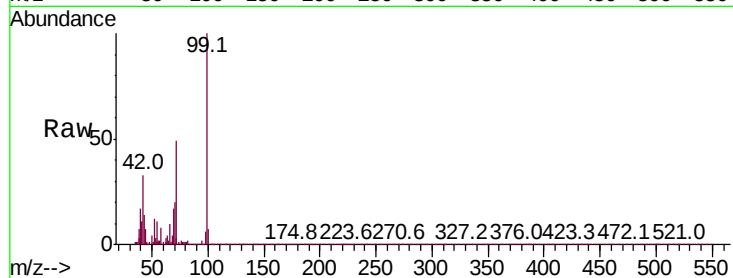
Tot Ion: 99 Resp: 148886

Ion Ratio Lower Upper

99 100

42 33.1 24.5 36.7

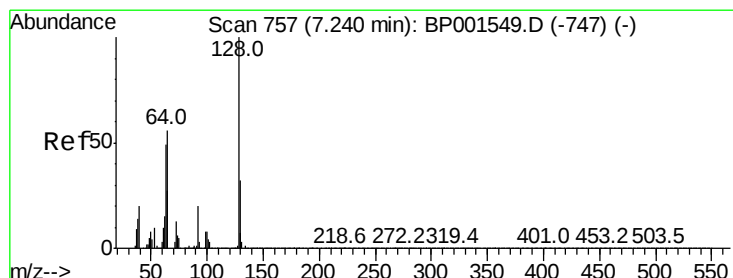
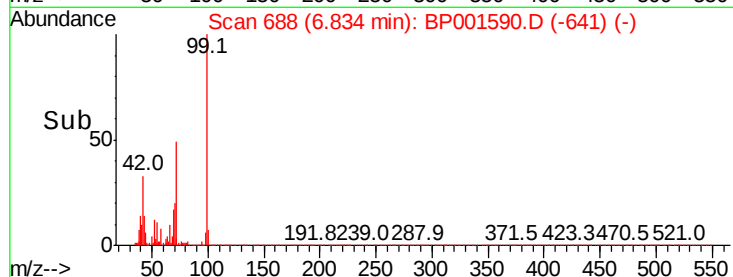
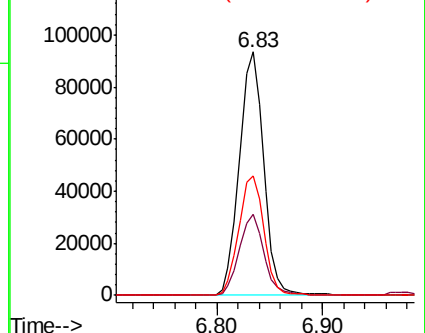
71 48.9 42.4 63.6



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 36.849 ng

RT: 7.21 min Scan# 752

Delta R.T. -0.03 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

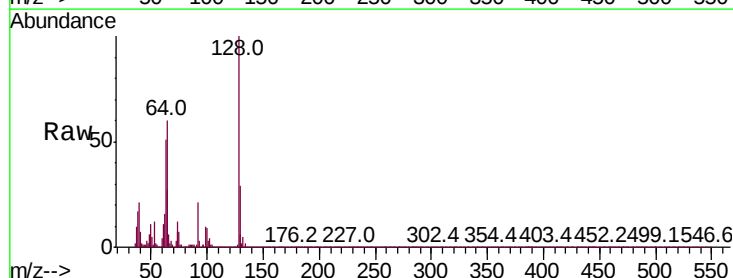
Tgt Ion: 128 Resp: 56685

Ion Ratio Lower Upper

128 100

130 29.3 11.8 51.8

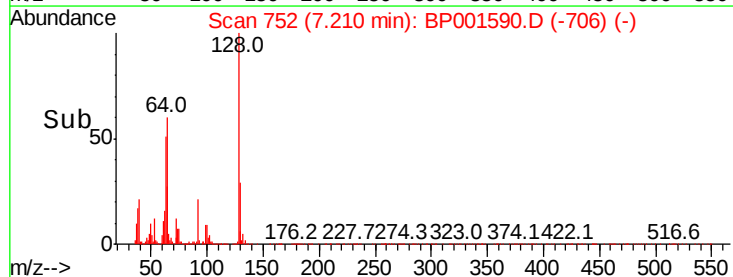
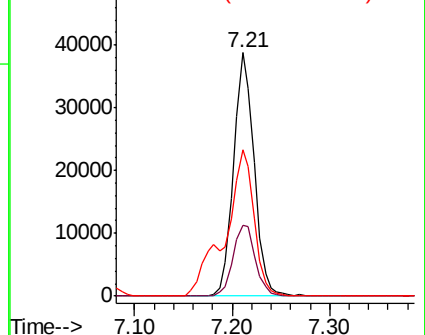
64 59.9 37.2 77.2

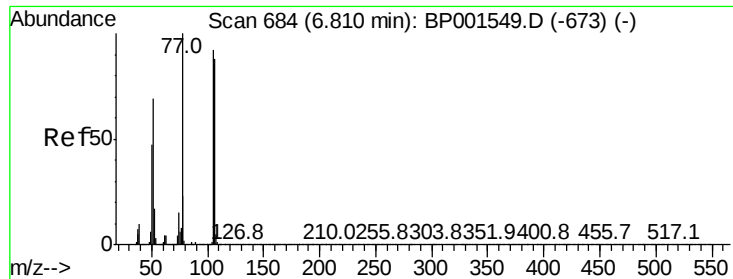


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 33.618 ng

RT: 6.79 min Scan# 680

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Instrument :

BNA_P

ClientSampleId :

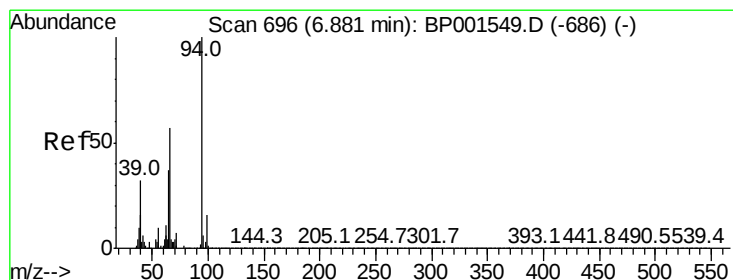
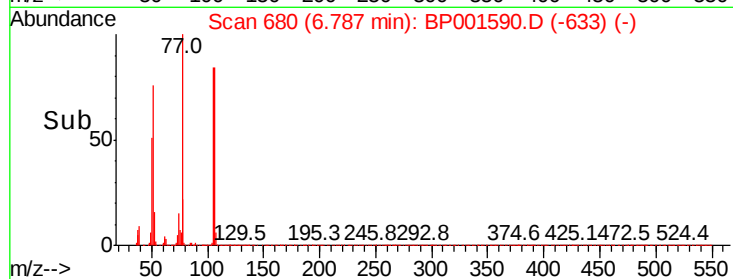
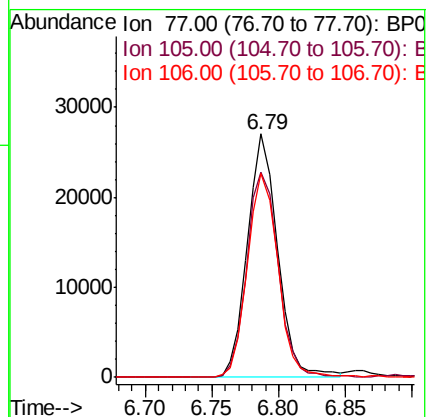
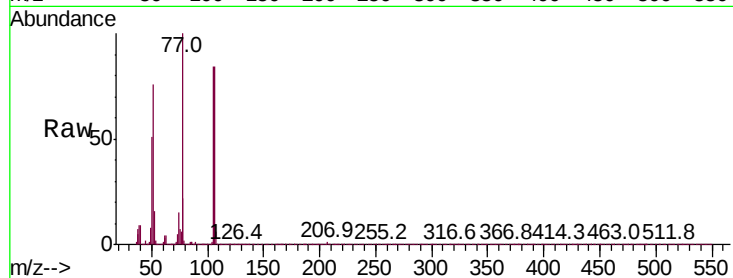
Tot Ion: 77 Resp: 42286

Ion Ratio Lower Upper

77 100

105 84.5 71.6 111.6

106 83.6 67.7 107.7



#10

Phenol

Concen: 34.779 ng

RT: 6.86 min Scan# 692

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

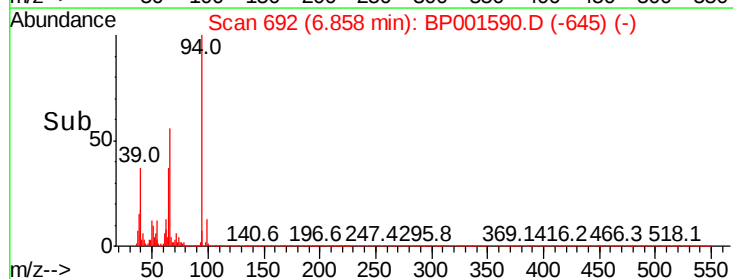
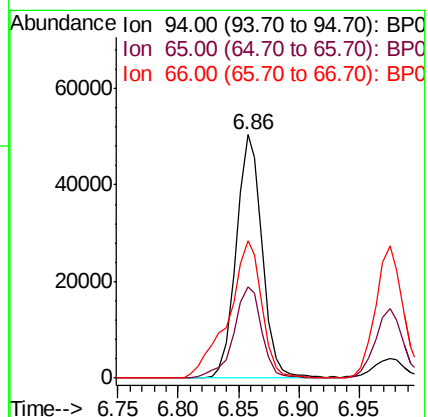
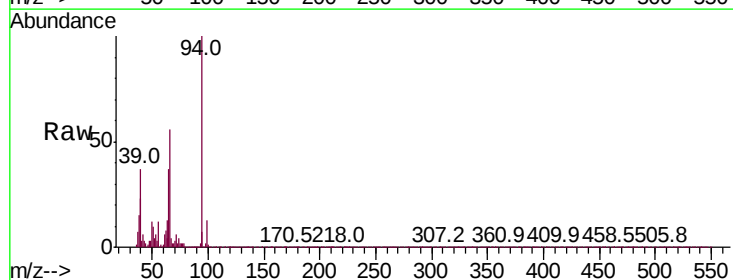
Tgt Ion: 94 Resp: 75762

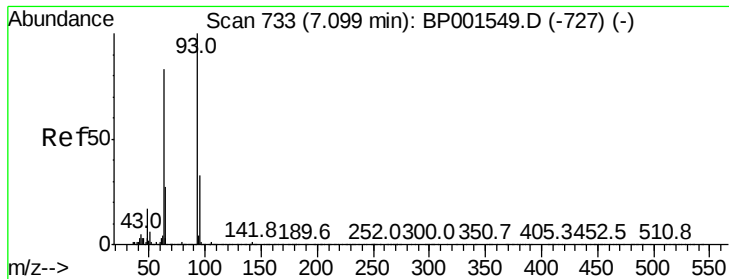
Ion Ratio Lower Upper

94 100

65 37.4 17.5 57.5

66 56.3 36.7 76.7





#11

bis(2-Chloroethyl)ether

Concen: 37.639 ng

RT: 7.08 min Scan# 729

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Instrument :

BNA_P

ClientSampleId :

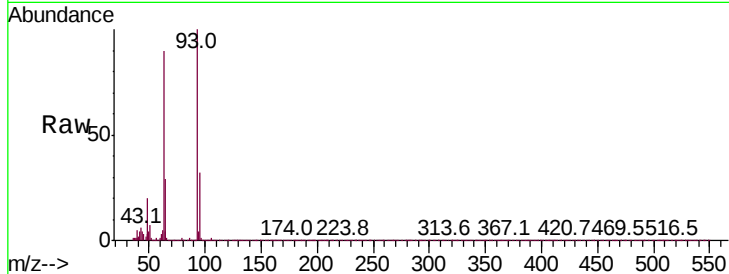
Tot Ion: 93 Resp: 64304

Ion Ratio Lower Upper

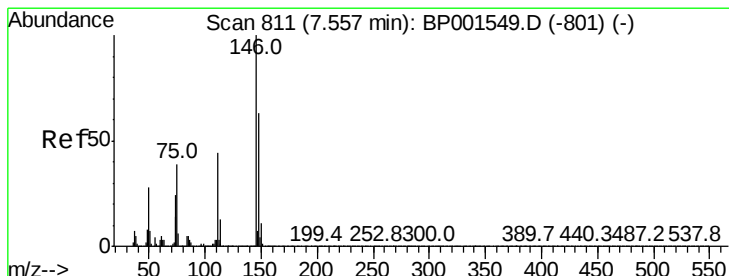
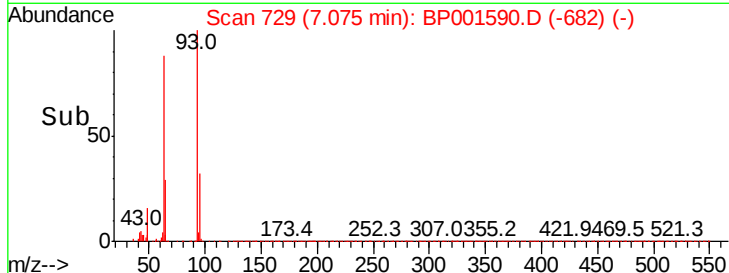
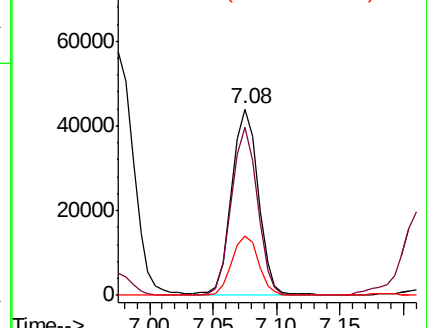
93 100

63 89.9 63.2 103.2

95 32.0 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BP0
Ion 63.00 (62.70 to 63.70): BP0
Ion 95.00 (94.70 to 95.70): BP0



#12

1,3-Dichlorobenzene

Concen: 39.362 ng

RT: 7.53 min Scan# 806

Delta R.T. -0.03 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

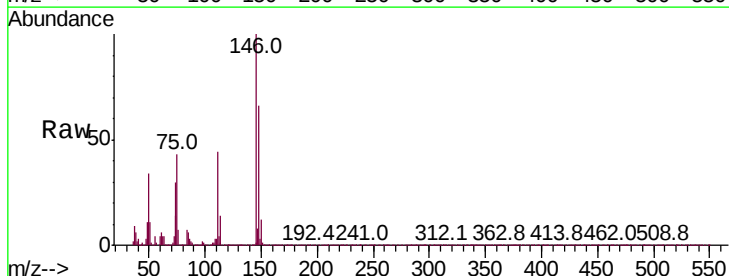
Tgt Ion: 146 Resp: 76111

Ion Ratio Lower Upper

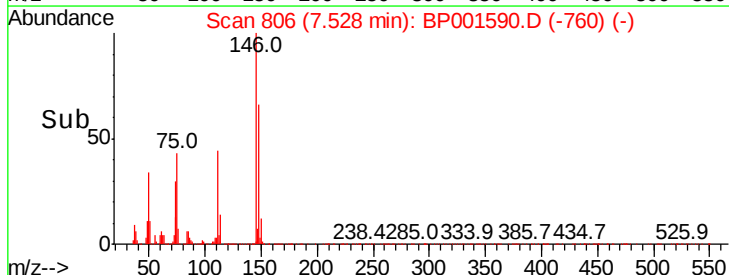
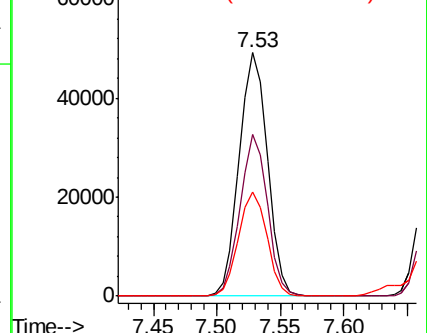
146 100

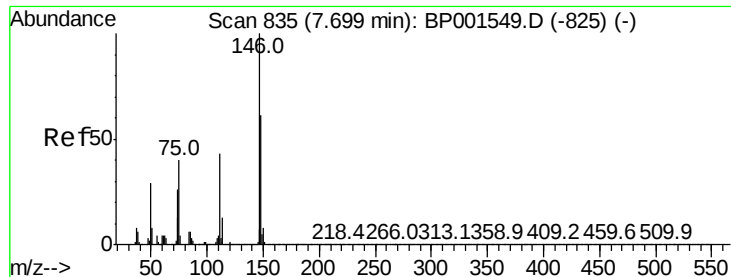
148 66.4 50.2 75.2

75 43.0 31.1 46.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BP0





#13

1,4-Dichlorobenzene

Concen: 37.800 ng

RT: 7.68 min Scan# 831

Delta R.T. -0.02 min

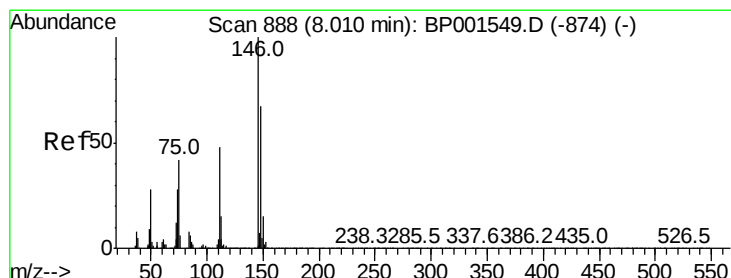
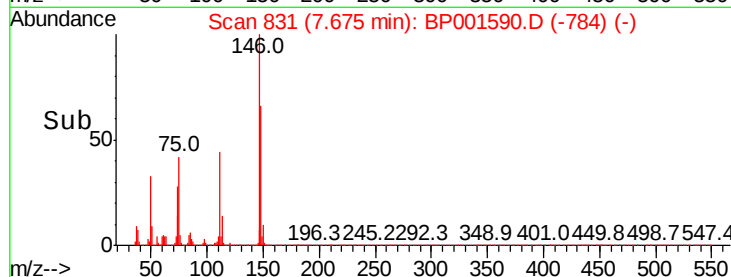
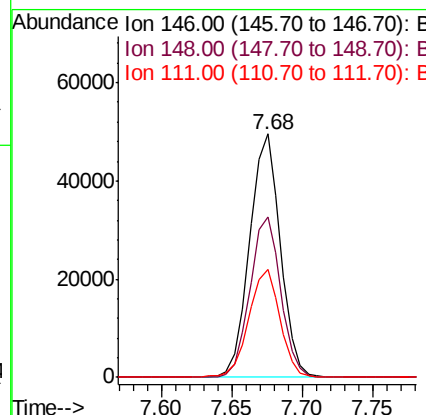
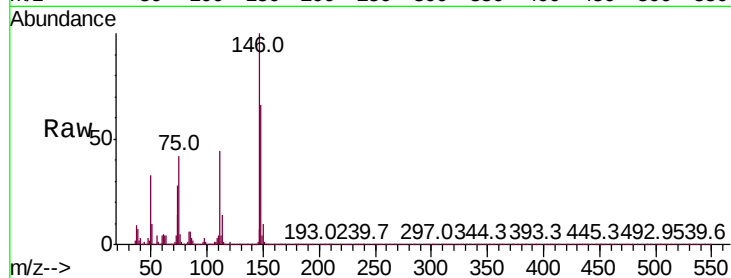
Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Instrument :
BNA_P
ClientSampleId :

Tot Ion:146 Resp: 75580

Ion	Ratio	Lower	Upper
146	100		
148	65.8	48.6	73.0
111	44.2	34.3	51.5



#14

1,2-Dichlorobenzene

Concen: 37.078 ng

RT: 7.99 min Scan# 884

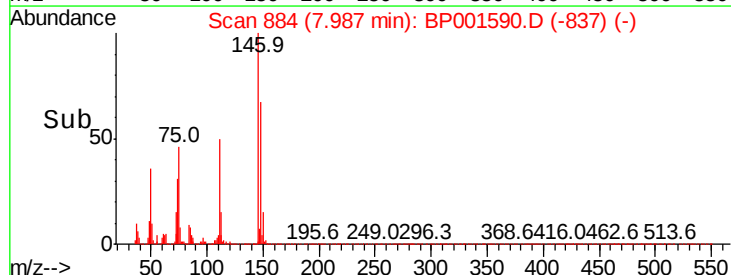
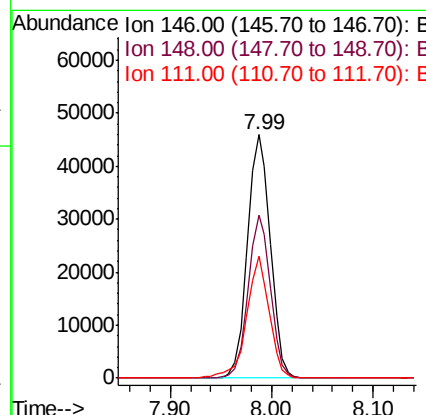
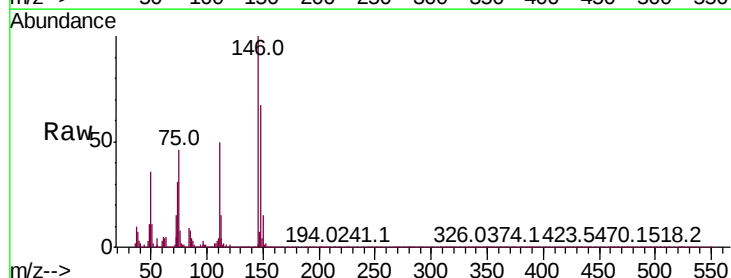
Delta R.T. -0.02 min

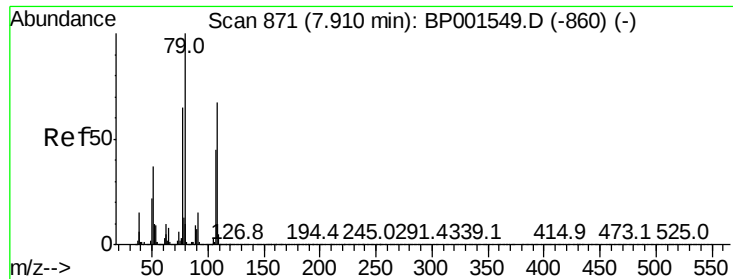
Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Tgt Ion:146 Resp: 71643

Ion	Ratio	Lower	Upper
146	100		
148	67.0	53.9	80.9
111	50.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 32.062 ng

RT: 7.88 min Scan# 866

Delta R.T. -0.03 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Instrument :

BNA_P

ClientSampled :

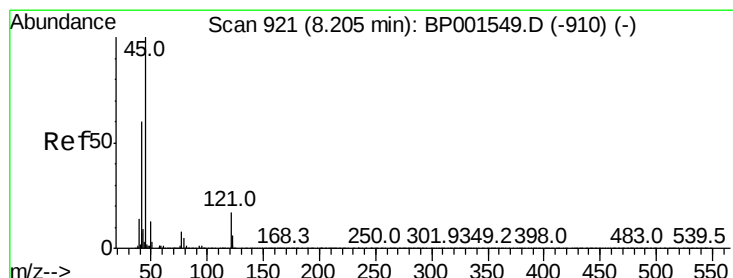
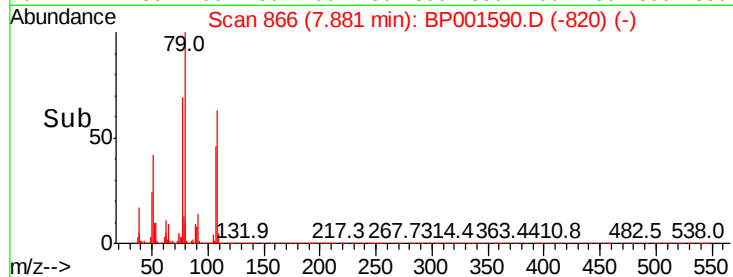
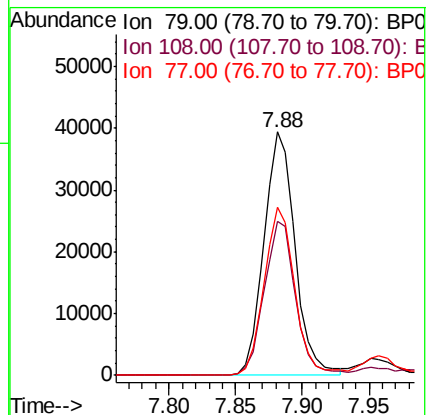
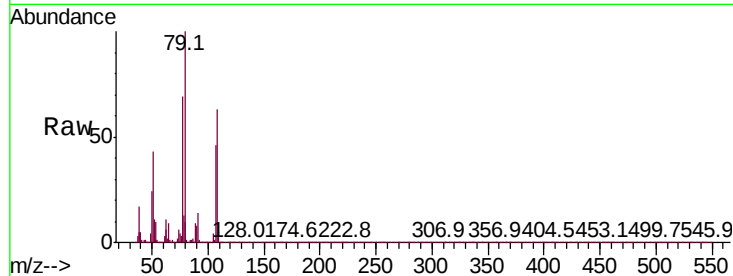
Tot Ion: 79 Resp: 63583

Ion Ratio Lower Upper

79 100

108 63.4 53.2 79.8

77 68.9 52.1 78.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.321 ng

RT: 8.18 min Scan# 917

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

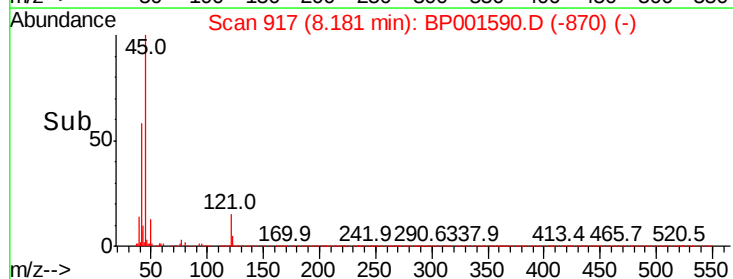
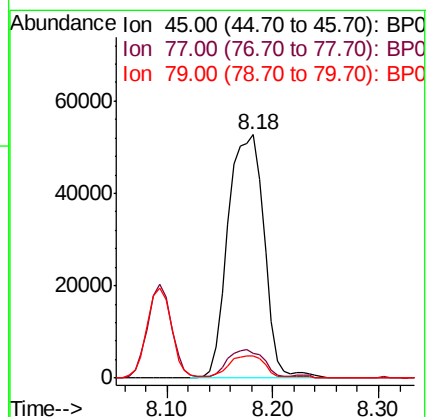
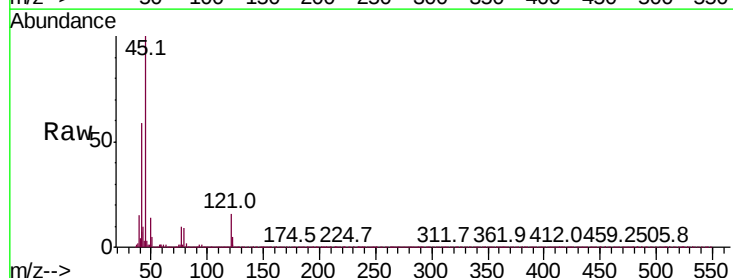
Tgt Ion: 45 Resp: 124800

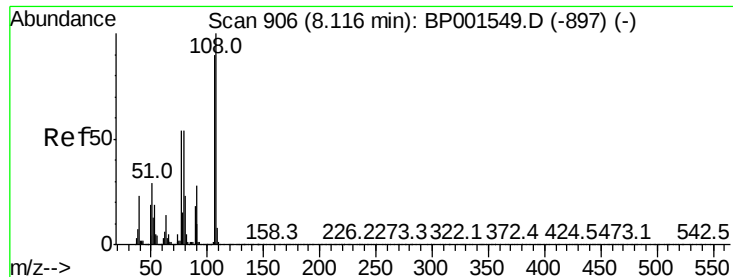
Ion Ratio Lower Upper

45 100

77 10.3 0.0 32.6

79 8.9 0.0 29.3

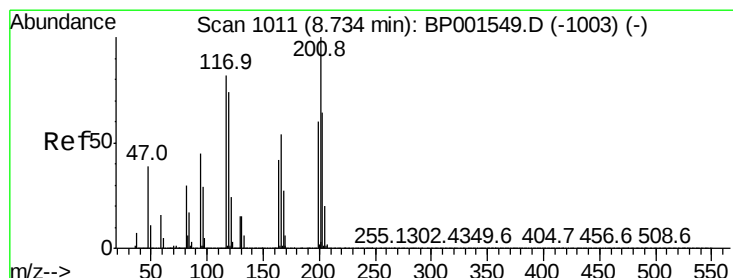
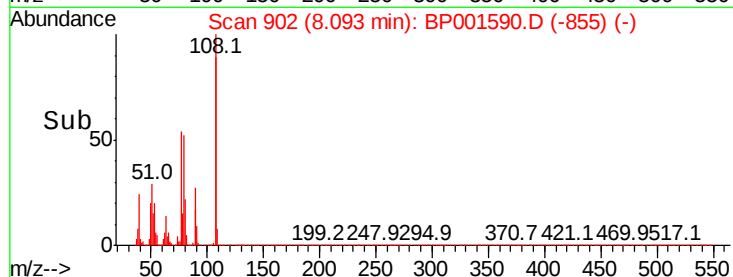
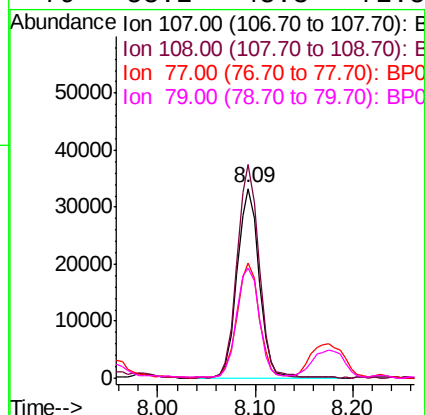
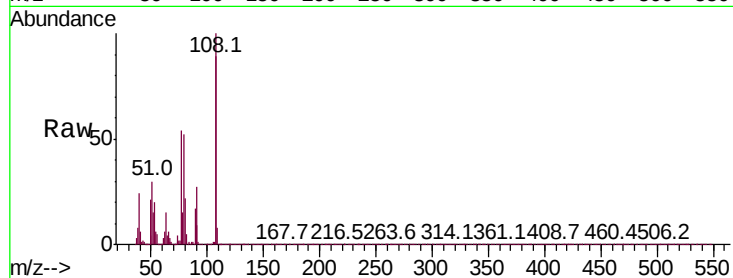




#17
2-Methylphenol
Concen: 34.704 ng
RT: 8.09 min Scan# 902
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

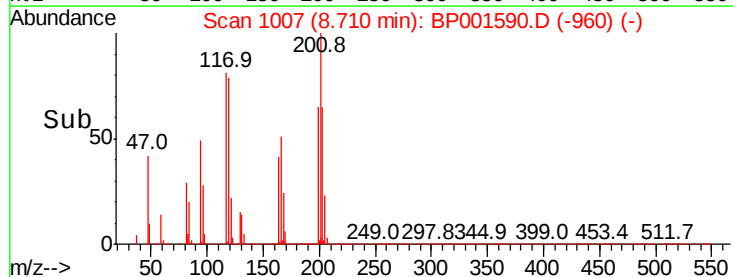
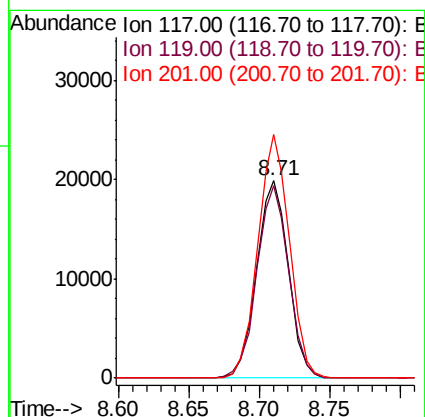
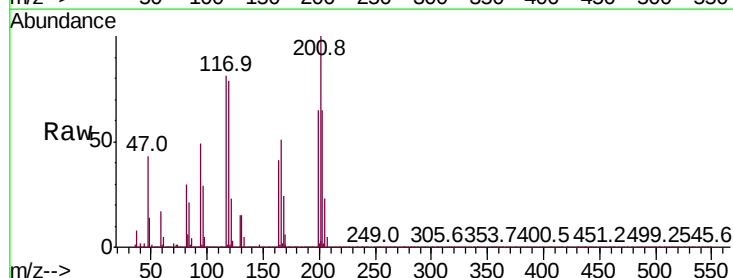
Instrument :
BNA_P
ClientSampleId :

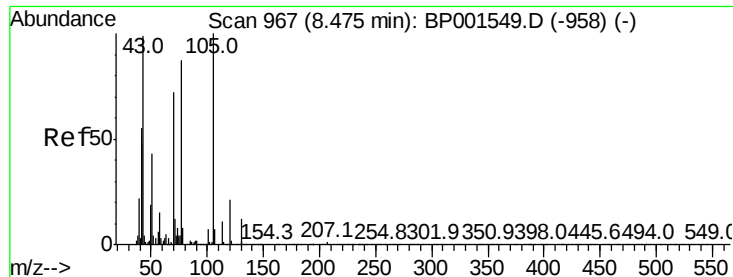
Tot Ion:107 Resp: 52488
Ion Ratio Lower Upper
107 100
108 112.4 89.2 133.8
77 60.7 47.9 71.9
79 58.2 48.3 72.5



#18
Hexachloroethane
Concen: 40.193 ng
RT: 8.71 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion:117 Resp: 31373
Ion Ratio Lower Upper
117 100
119 97.5 71.8 107.8
201 123.4 97.6 146.4

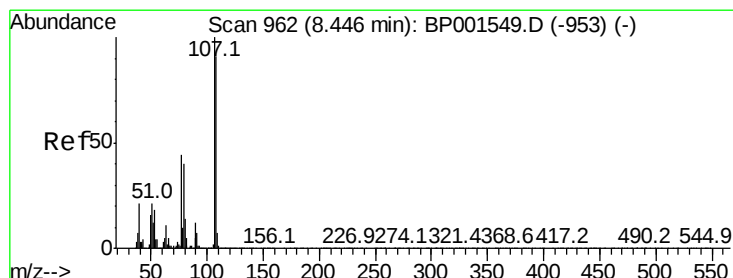
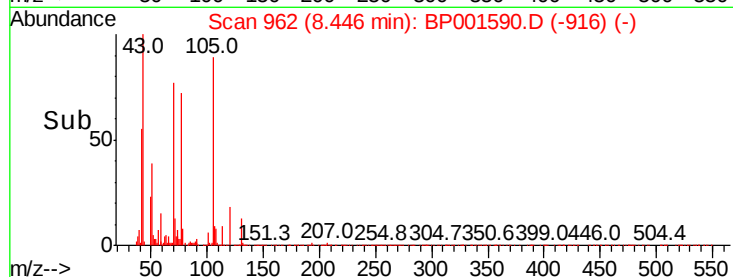
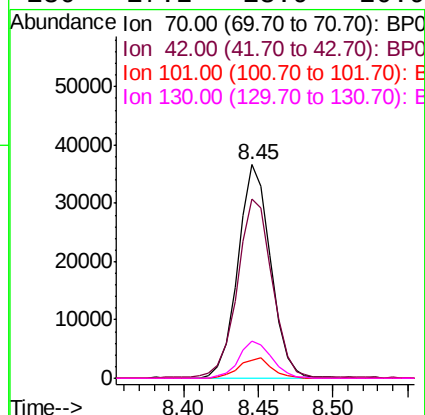
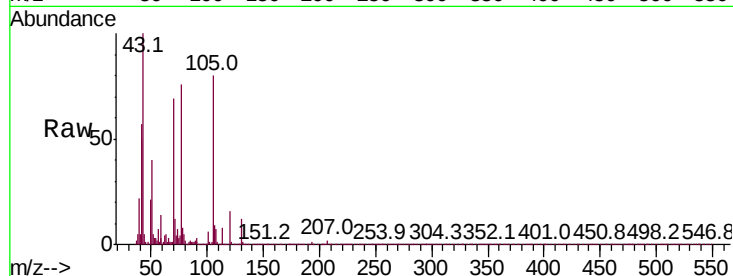




#19
n-Nitroso-di-n-propylamine
Concen: 34.383 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.03 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

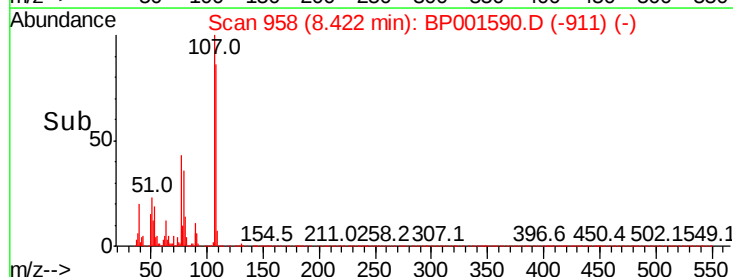
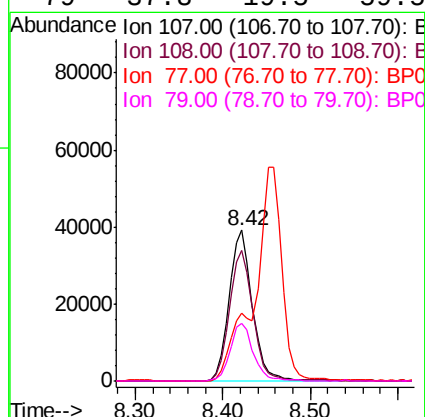
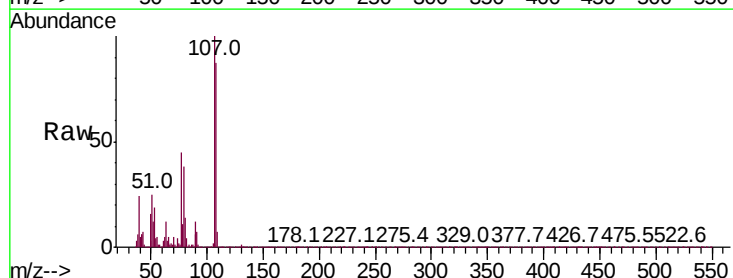
Instrument :
BNA_P
ClientSampled :

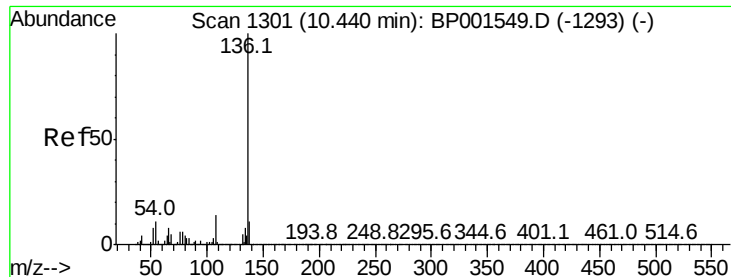
Tot Ion:	70	Resp:	55201
Ion	Ratio	Lower	Upper
70	100		
42	83.6	62.3	93.5
101	8.4	7.3	10.9
130	17.2	13.9	20.9



#20
3+4-Methylphenols
Concen: 33.627 ng
RT: 8.42 min Scan# 958
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion:	107	Resp:	71141
Ion	Ratio	Lower	Upper
107	100		
108	86.6	71.2	111.2
77	45.1	24.4	64.4
79	37.8	19.5	59.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1297

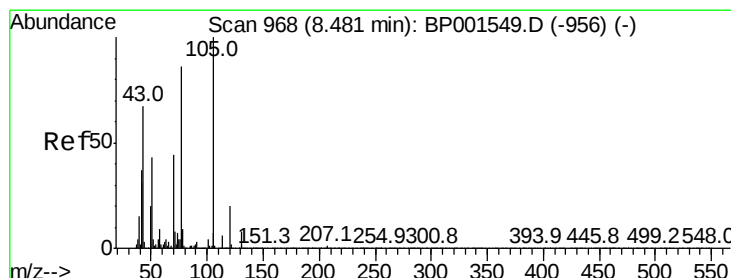
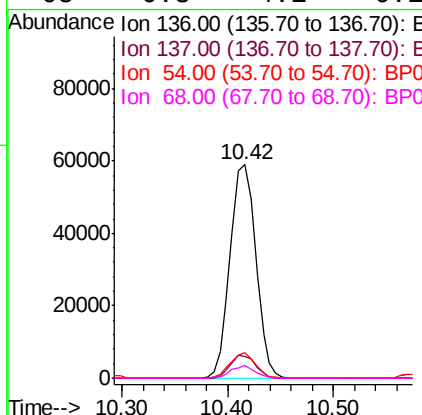
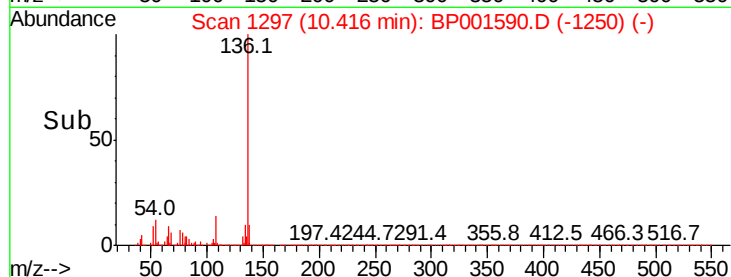
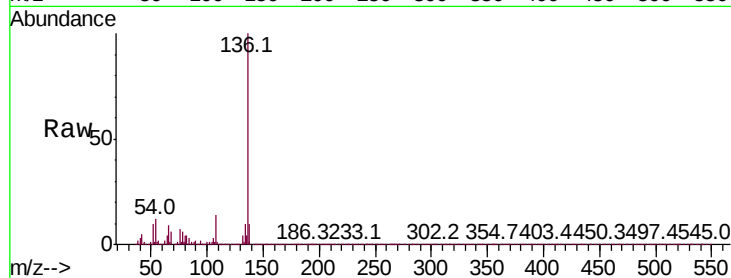
Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	136	Resp:	100002
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	12.2	9.2	13.8
68	6.3	4.1	6.1#



#22

Acetophenone

Concen: 36.990 ng

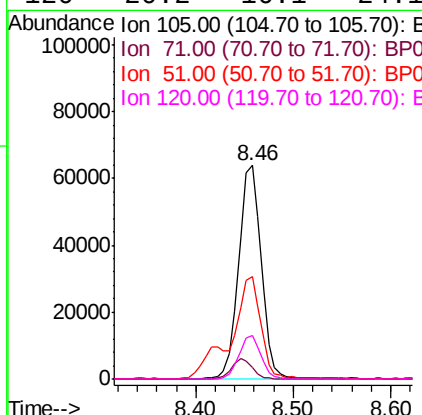
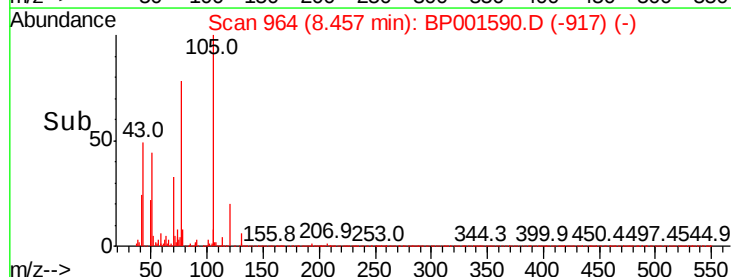
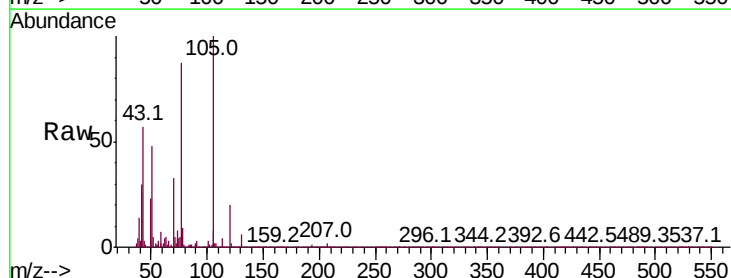
RT: 8.46 min Scan# 964

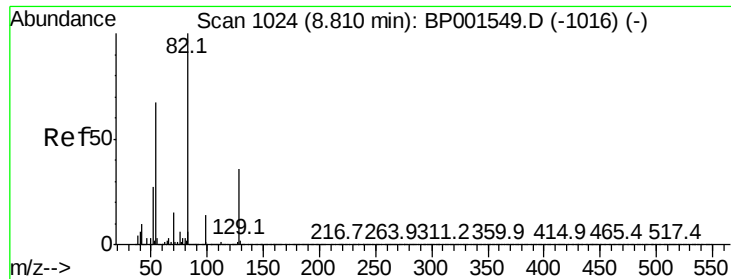
Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Tgt Ion:	105	Resp:	103693
Ion	Ratio	Lower	Upper
105	100		
71	5.4	6.6	10.0#
51	47.8	34.1	51.1
120	20.2	16.1	24.1

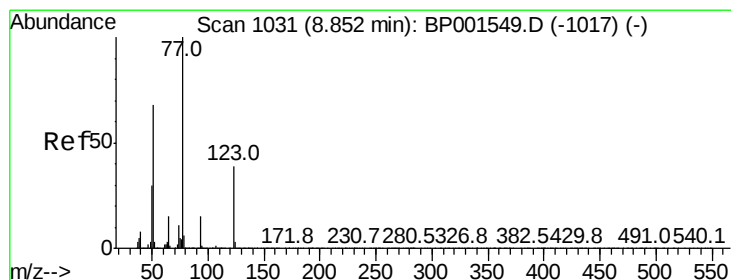
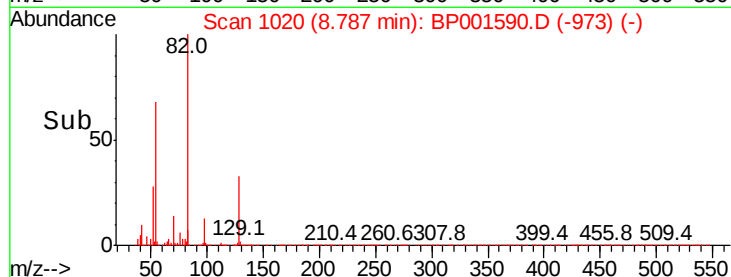
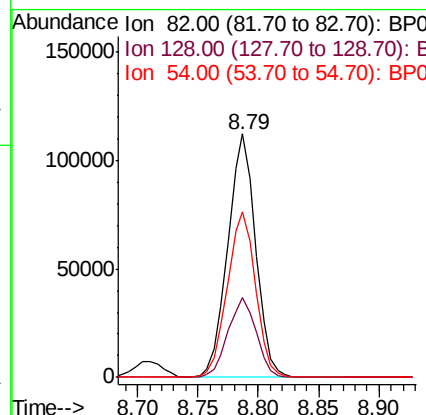
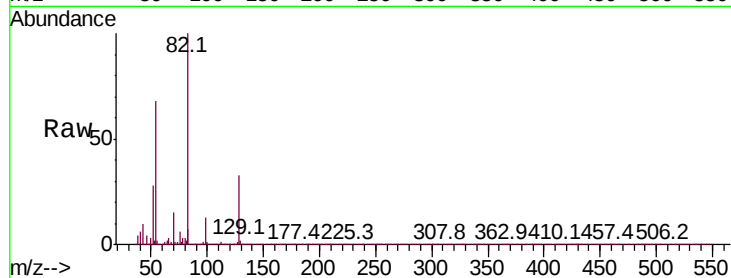




#23
 Nitrobenzene-d5
 Concen: 78.255 ng
 RT: 8.79 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BP001590.D
 Acq: 14 Jan 2020 16:35

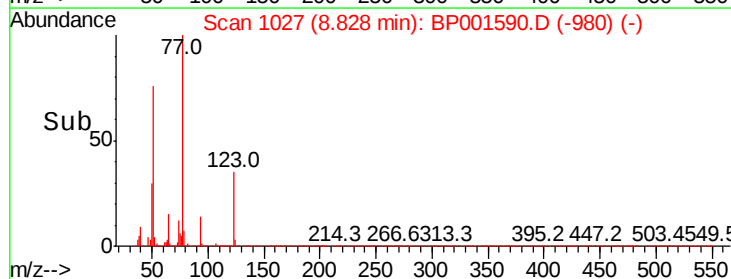
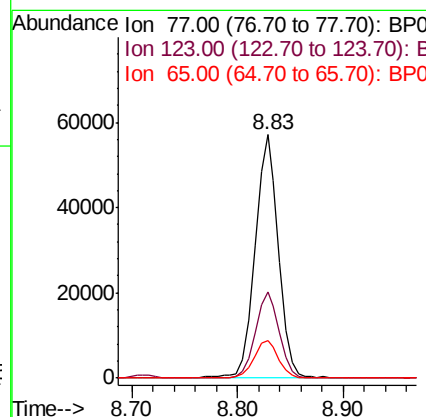
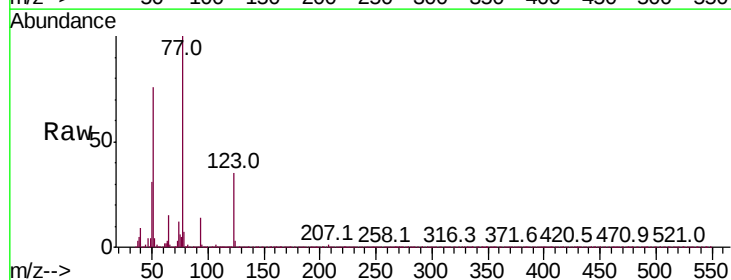
Instrument :
 BNA_P
 ClientSampleId :

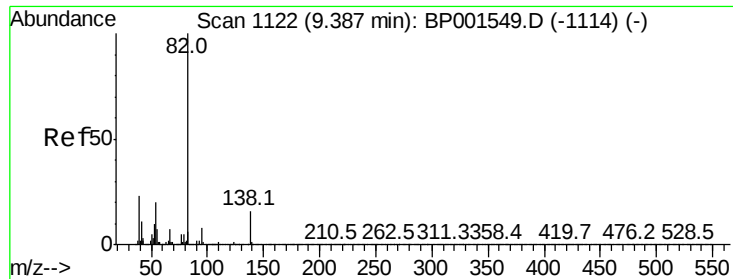
Tot Ion	82	Resp	179086
Ion Ratio	100	Lower	Upper
128	32.7	28.4	42.6
54	68.0	53.4	80.2



#24
 Nitrobenzene
 Concen: 37.667 ng
 RT: 8.83 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BP001590.D
 Acq: 14 Jan 2020 16:35

Tgt Ion	77	Resp	87207
Ion Ratio	100	Lower	Upper
123	35.2	31.1	46.7
65	15.3	12.4	18.6

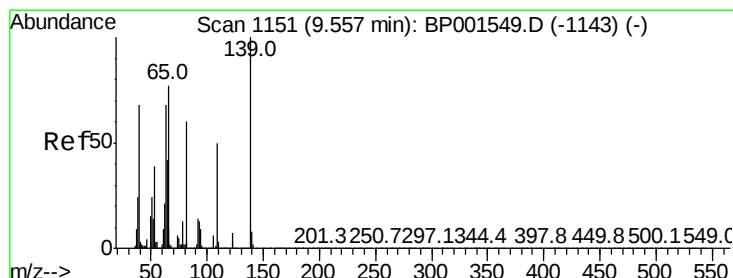
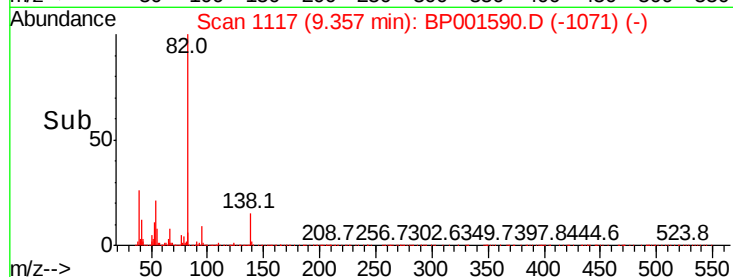
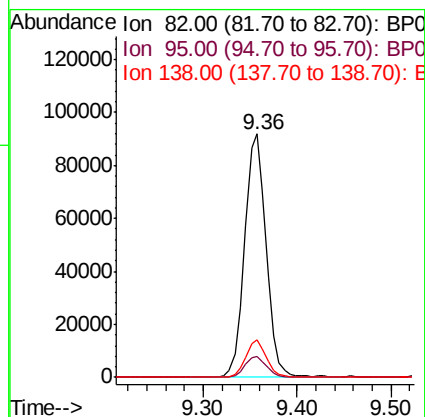
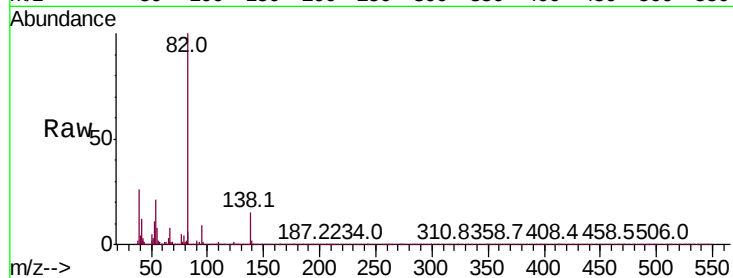




#25
Isophorone
Concen: 35.434 ng
RT: 9.36 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

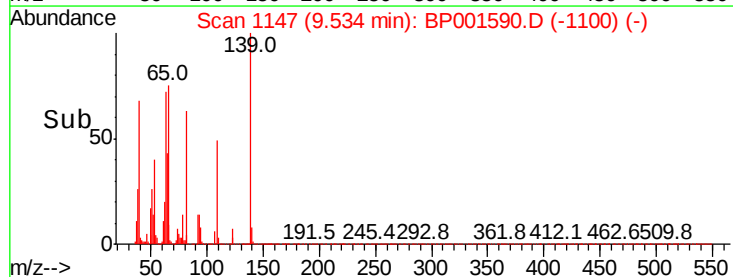
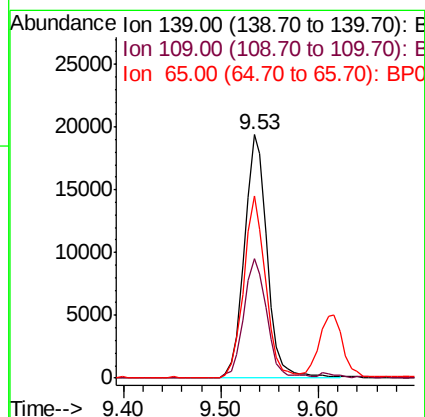
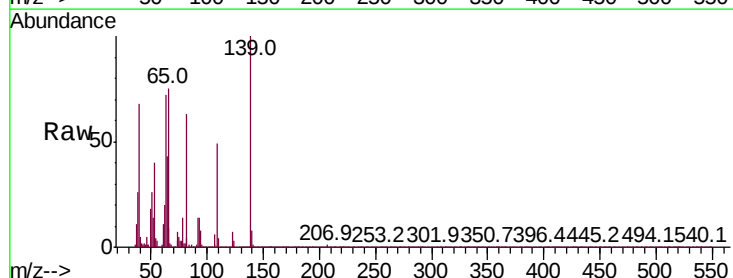
Instrument :
BNA_P
ClientSampleId :

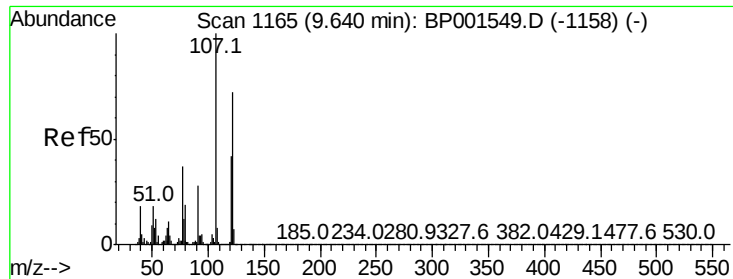
Tot Ion: 82 Resp: 145417
Ion Ratio Lower Upper
82 100
95 8.7 6.7 10.1
138 15.3 12.5 18.7



#26
2-Nitrophenol
Concen: 35.979 ng
RT: 9.53 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion: 139 Resp: 31480
Ion Ratio Lower Upper
139 100
109 48.8 39.6 59.4
65 74.9 61.3 91.9





#27

2,4-Dimethylphenol

Concen: 35.215 ng

RT: 9.61 min Scan# 1160

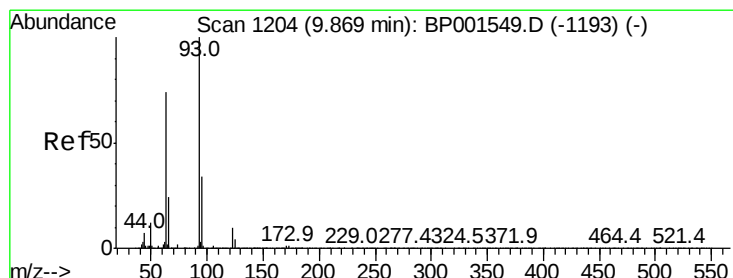
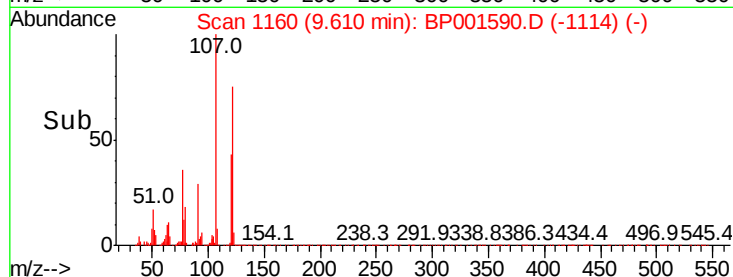
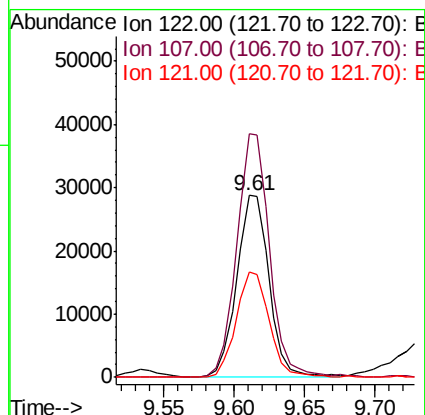
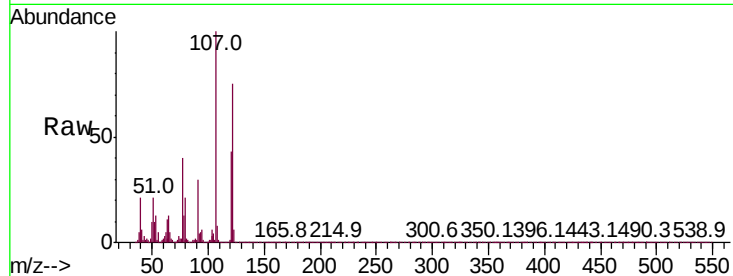
Delta R.T. -0.03 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.1	111.8	167.6
121	57.9	47.4	71.0



#28

bis(2-Chloroethoxy)methane

Concen: 36.491 ng

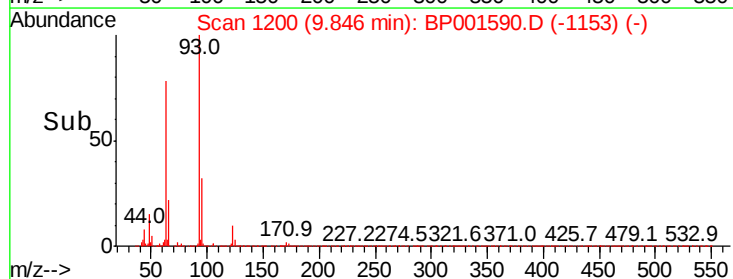
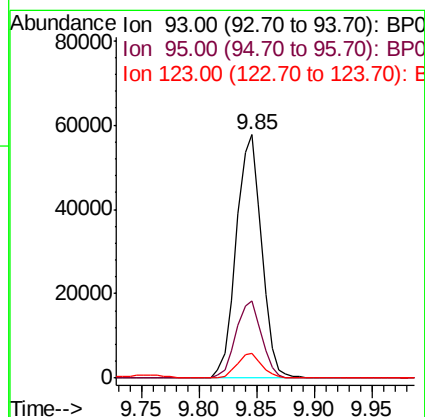
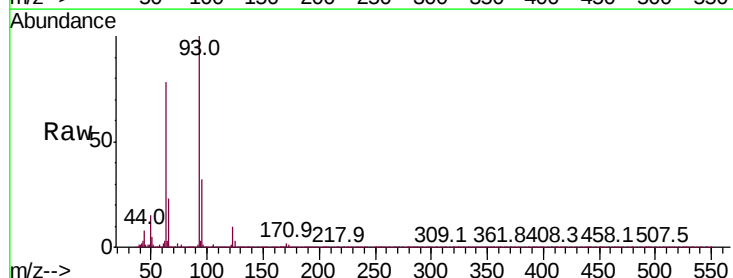
RT: 9.85 min Scan# 1200

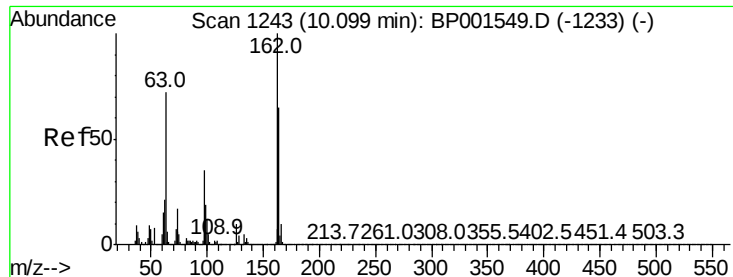
Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.9	40.3
123	9.9	8.0	12.0

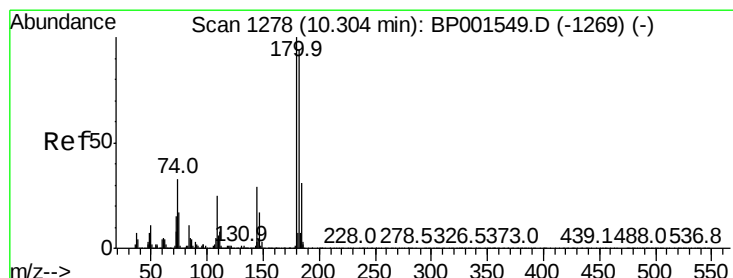
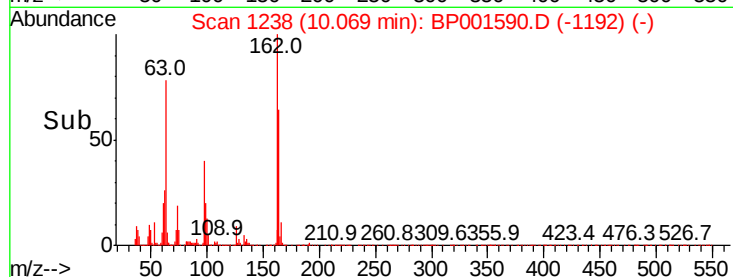
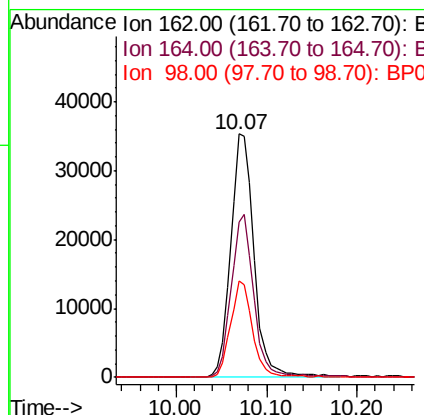
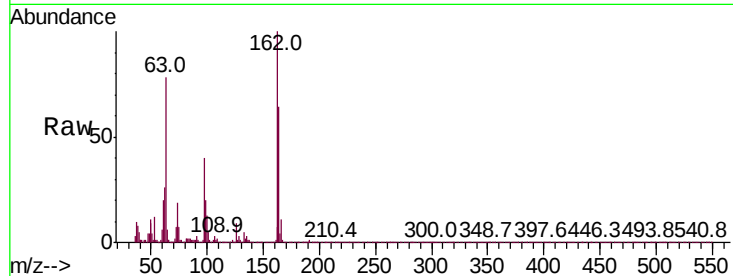




#29
2,4-Dichlorophenol
Concen: 35.597 ng
RT: 10.07 min Scan# 1238
Delta R.T. -0.03 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

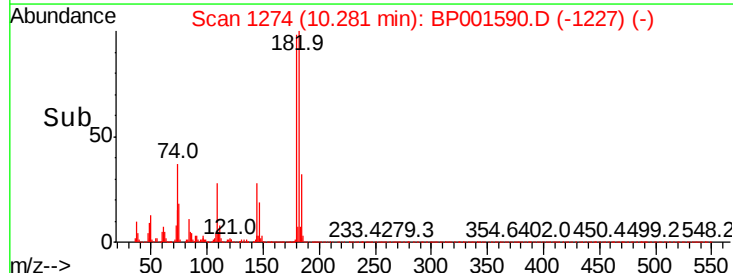
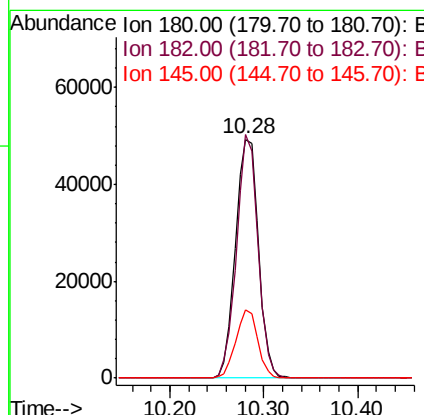
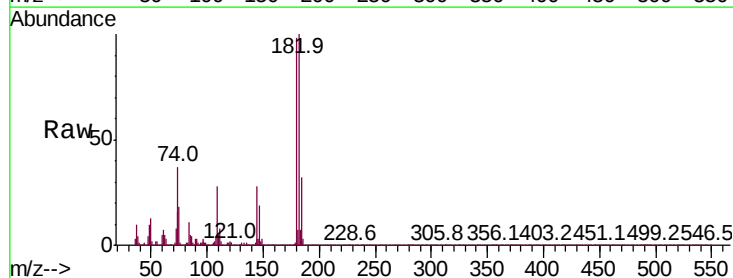
Instrument :
BNA_P
ClientSampleId :

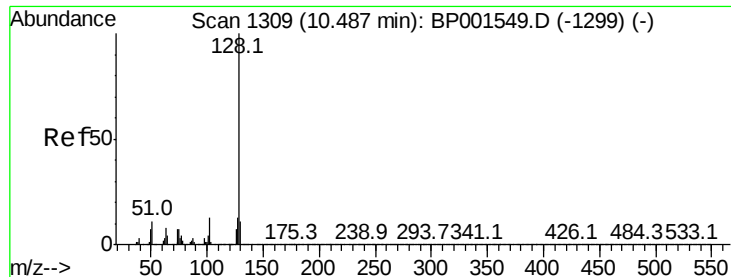
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.9	84.9
98	39.6	14.9	54.9



#30
1,2,4-Trichlorobenzene
Concen: 38.746 ng
RT: 10.28 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.9	75.2	112.8
145	28.6	22.9	34.3

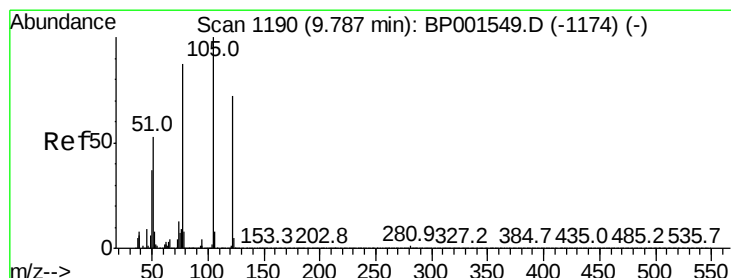
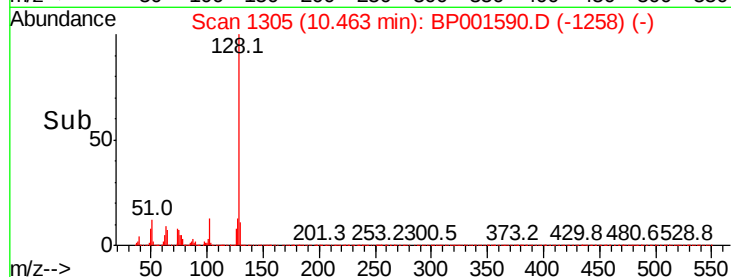
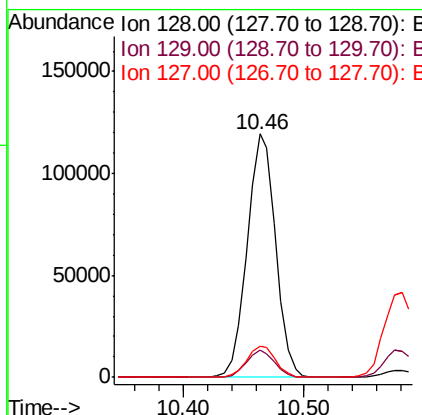
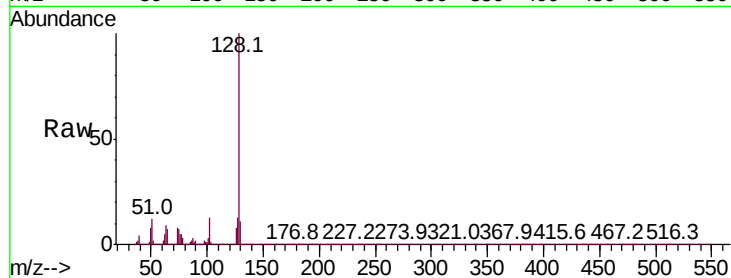




#31
Naphthalene
Concen: 36.960 ng
RT: 10.46 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

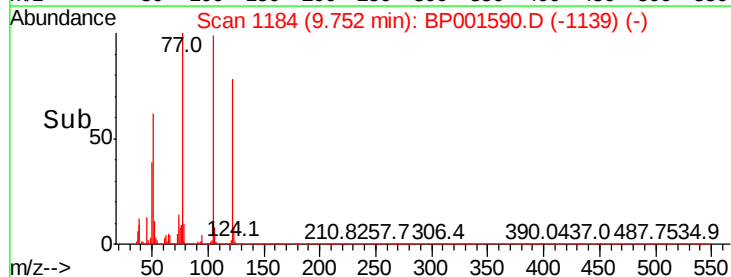
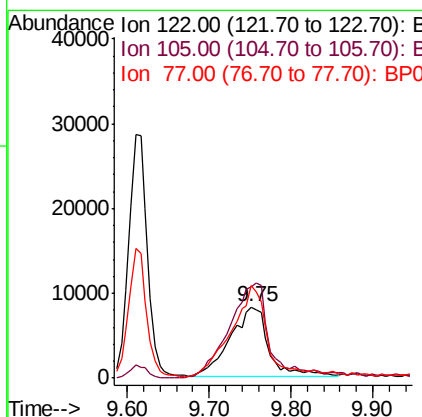
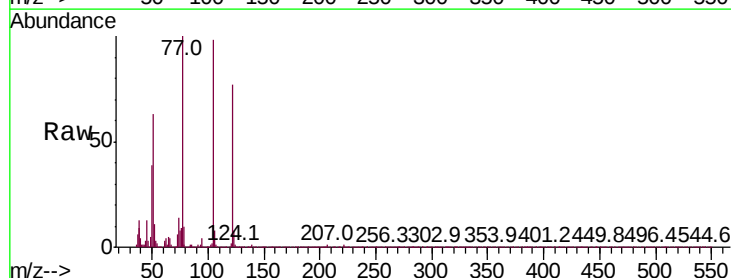
Instrument :
BNA_P
ClientSampleId :

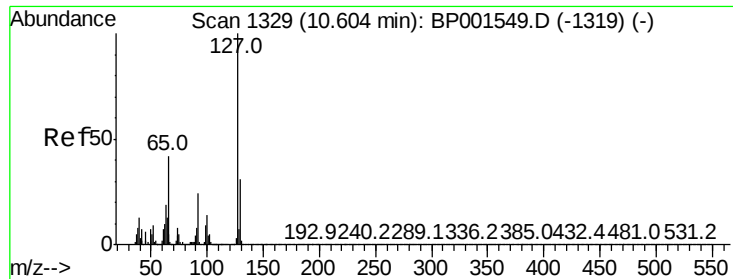
Tot Ion:128 Resp: 195067
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.9 10.6 16.0



#32
Benzoic acid
Concen: 25.422 ng
RT: 9.75 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion:122 Resp: 27021
Ion Ratio Lower Upper
122 100
105 127.7 119.5 159.5
77 130.0 102.8 142.8

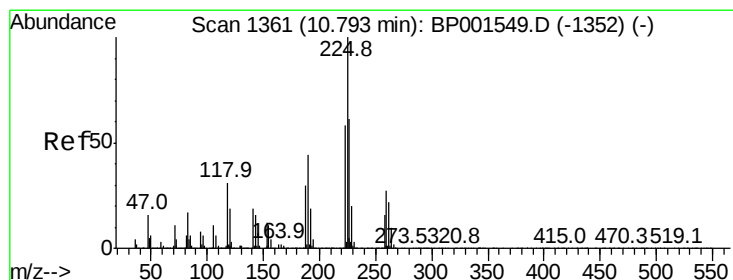
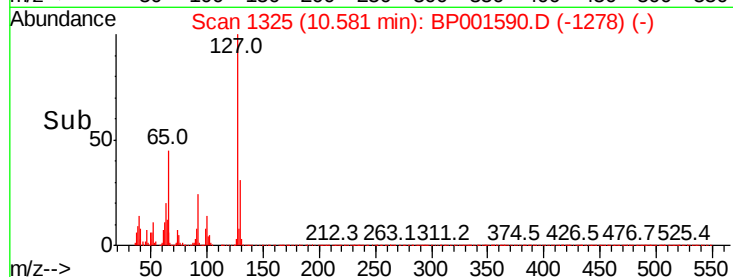
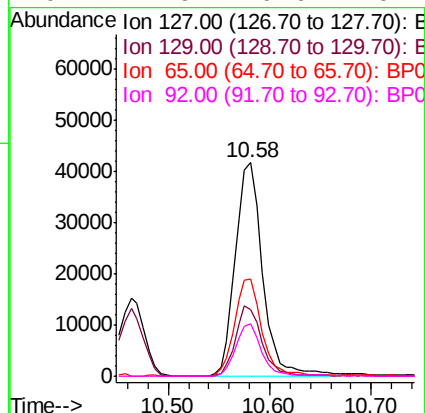
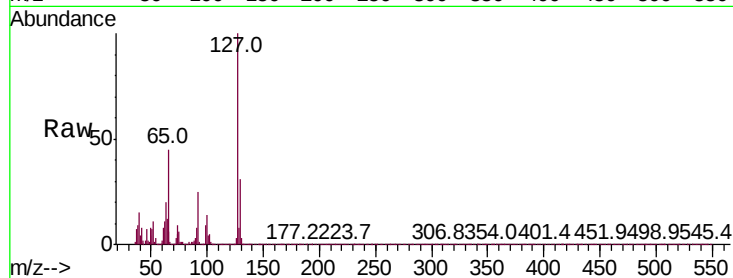




#33
4-Chloroaniline
Concen: 32.349 ng
RT: 10.58 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

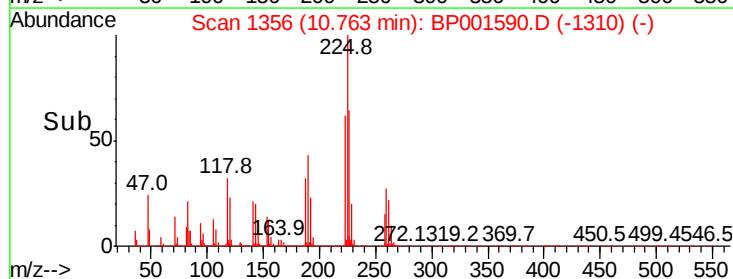
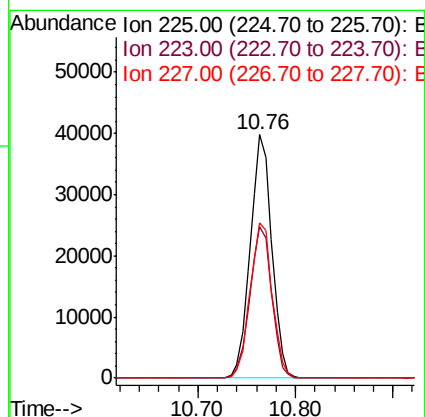
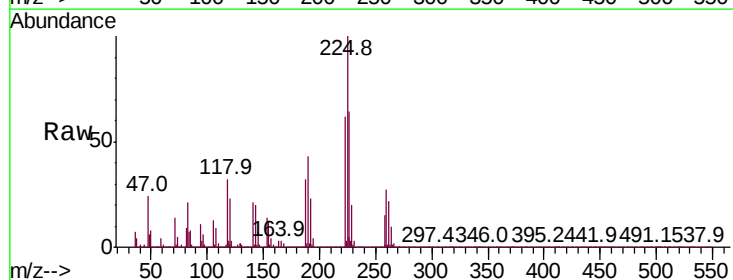
Instrument :
BNA_P
ClientSampleId :

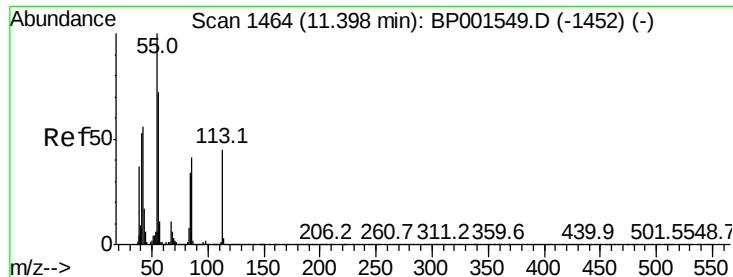
Tot Ion:	127	Resp:	78610
Ion	Ratio	Lower	Upper
127	100		
129	31.1	24.9	37.3
65	45.4	33.3	49.9
92	24.6	19.6	29.4



#34
Hexachlorobutadiene
Concen: 39.825 ng
RT: 10.76 min Scan# 1356
Delta R.T. -0.03 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion:	225	Resp:	60892
Ion	Ratio	Lower	Upper
225	100		
223	62.1	46.5	69.7
227	63.6	48.8	73.2

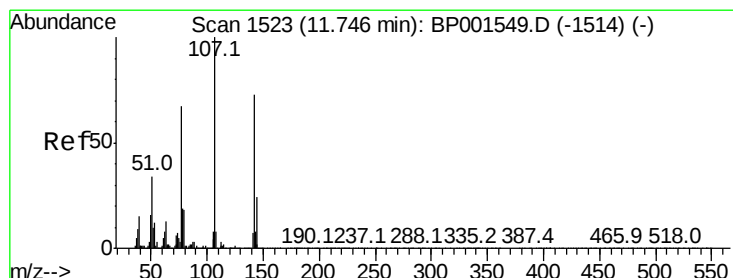
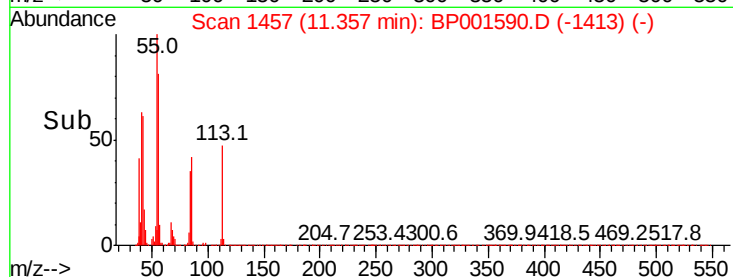
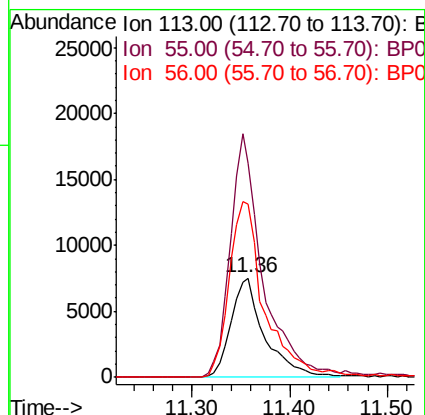
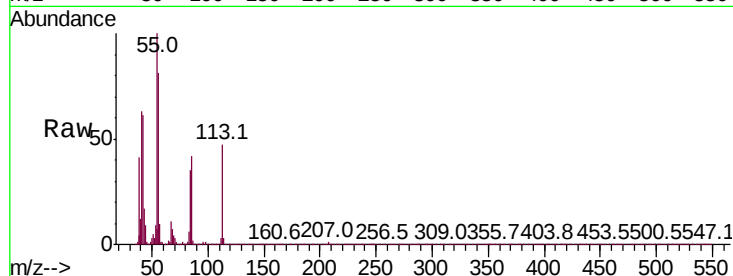




#35
 Caprolactam
 Concen: 27.744 ng
 RT: 11.36 min Scan# 1457
 Delta R.T. -0.04 min
 Lab File: BP001590.D
 Acq: 14 Jan 2020 16:35

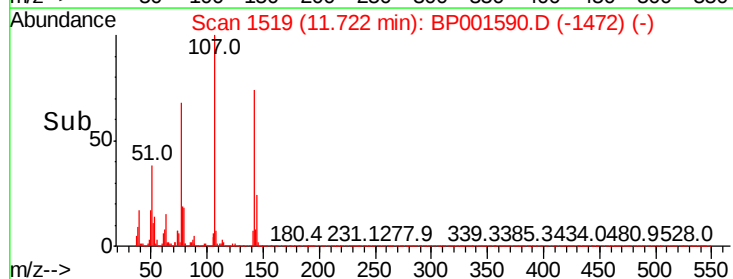
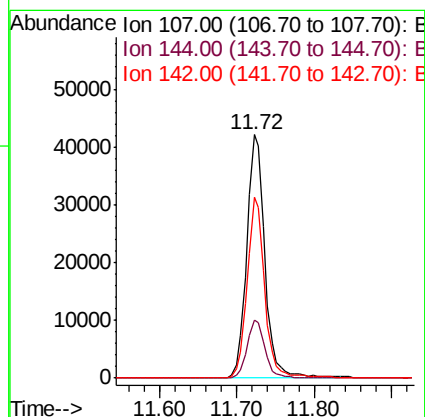
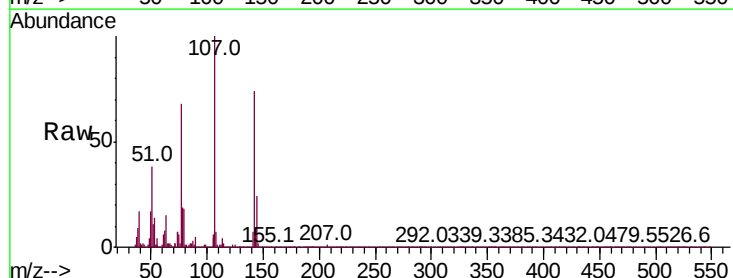
Instrument :
 BNA_P
 ClientSampleId :

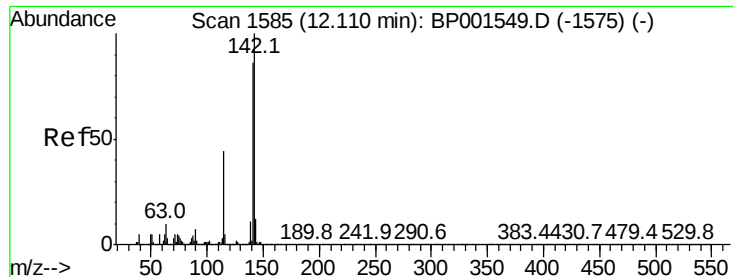
Tot Ion:113 Resp: 18026
 Ion Ratio Lower Upper
 113 100
 55 215.0 202.7 242.7
 56 173.6 140.0 180.0



#36
 4-Chloro-3-methylphenol
 Concen: 32.588 ng
 RT: 11.72 min Scan# 1519
 Delta R.T. -0.02 min
 Lab File: BP001590.D
 Acq: 14 Jan 2020 16:35

Tgt Ion:107 Resp: 69976
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.9 28.3
 142 74.3 58.0 87.0

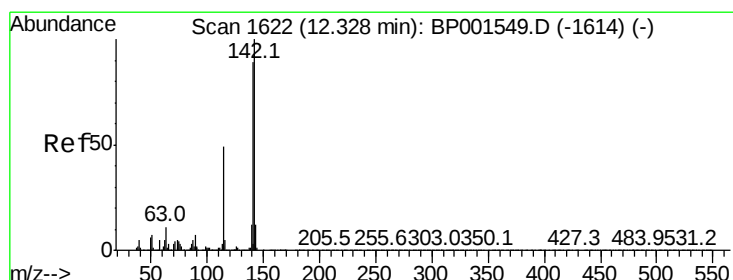
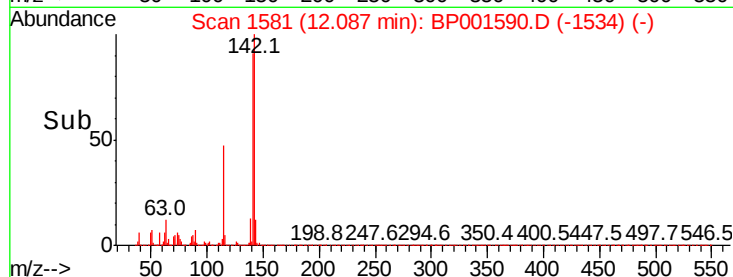
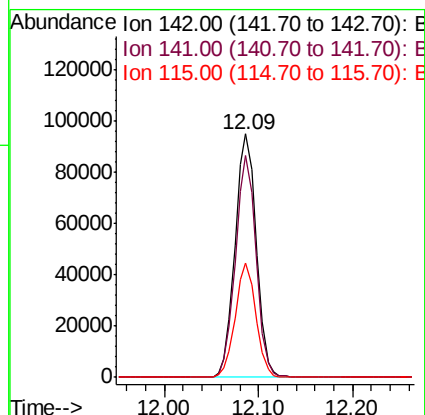
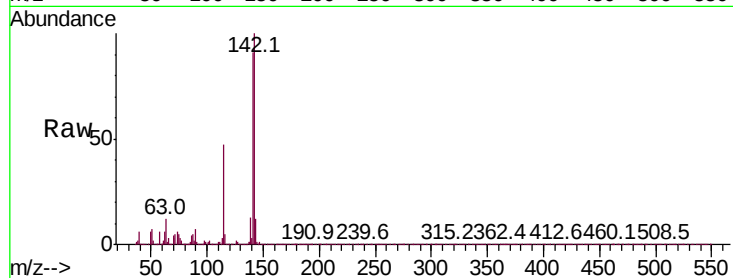




#37
2-Methylnaphthalene
Concen: 35.448 ng
RT: 12.09 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

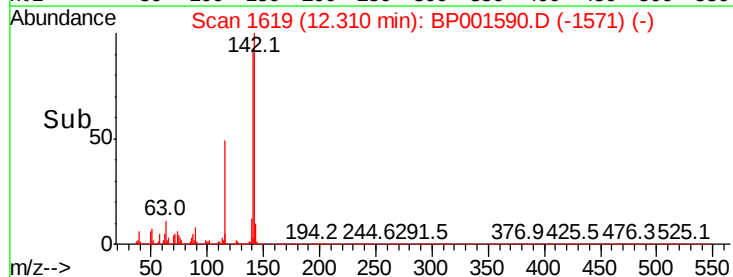
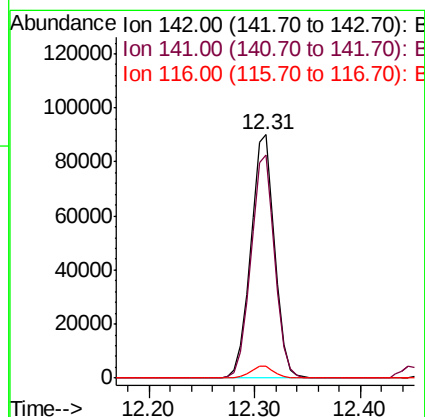
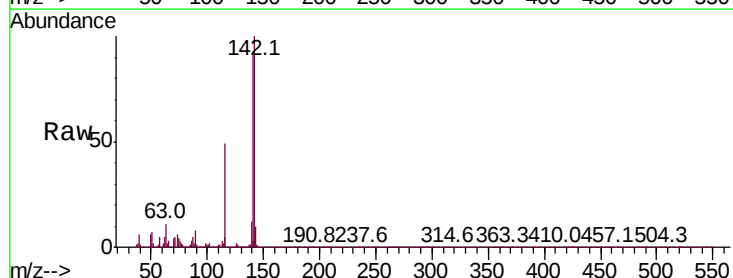
Instrument :
BNA_P
ClientSampleId :

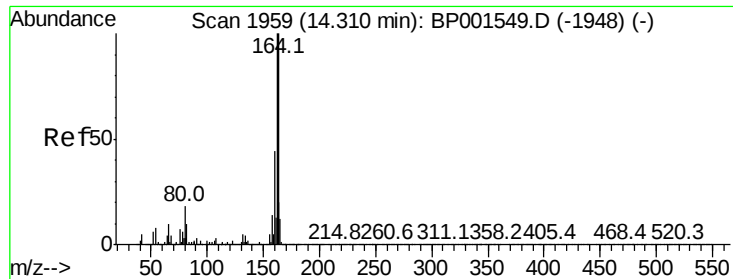
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	68.4	102.6
115	47.2	35.1	52.7



#38
1-Methylnaphthalene
Concen: 35.003 ng
RT: 12.31 min Scan# 1619
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.9	106.3
116	4.8	4.1	6.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Instrument :

BNA_P

ClientSampleId :

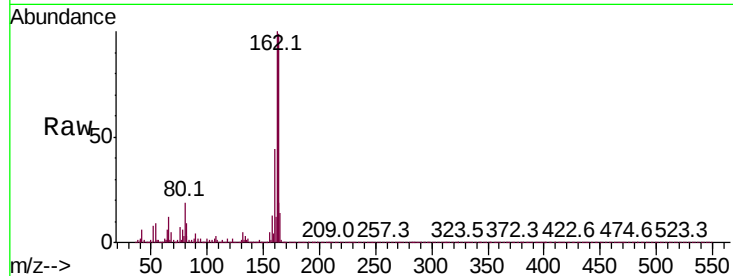
Tot Ion:164 Resp: 76414

Ion Ratio Lower Upper

164 100

162 100.6 79.8 119.6

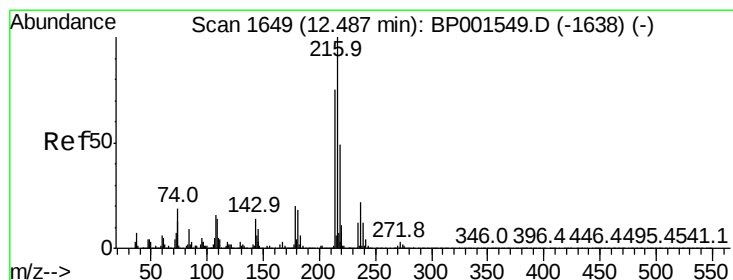
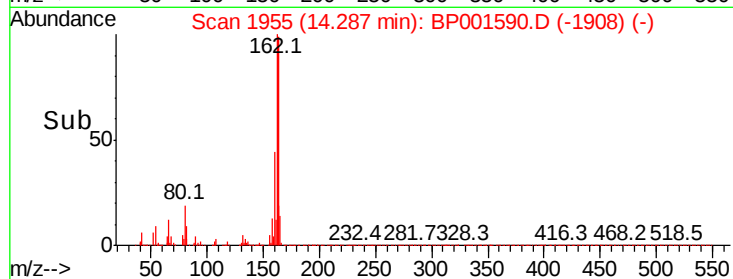
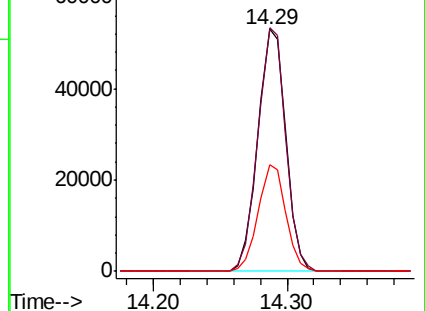
160 44.2 35.0 52.6



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: 39.778 ng

RT: 12.46 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Tgt Ion:216 Resp: 104122

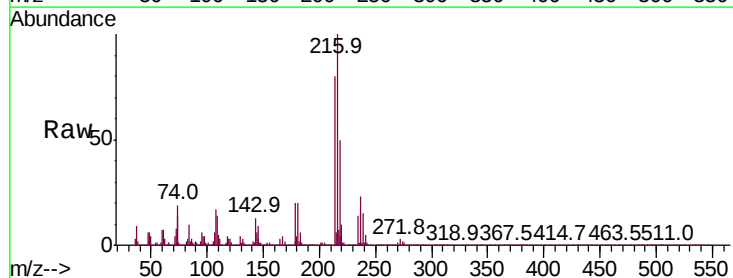
Ion Ratio Lower Upper

216 100

214 77.8 61.3 91.9

179 19.8 15.7 23.5

108 18.4 14.2 21.4

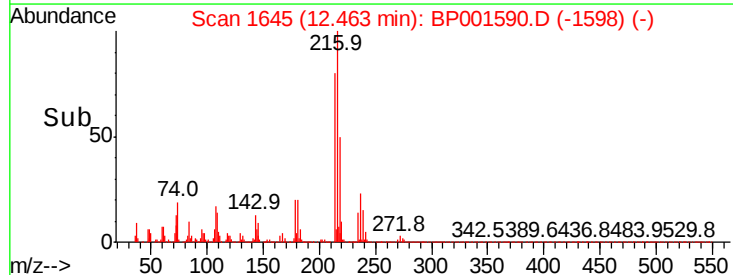
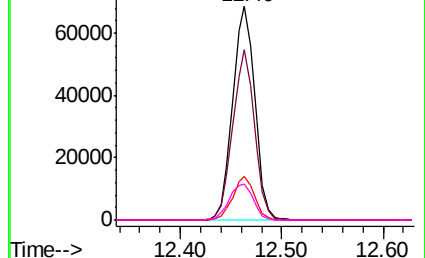


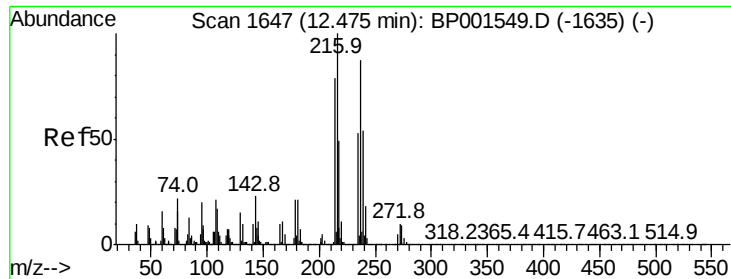
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

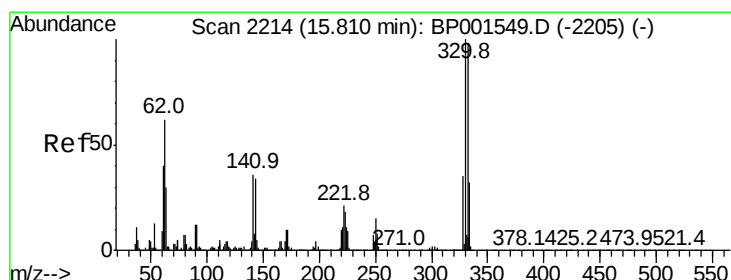
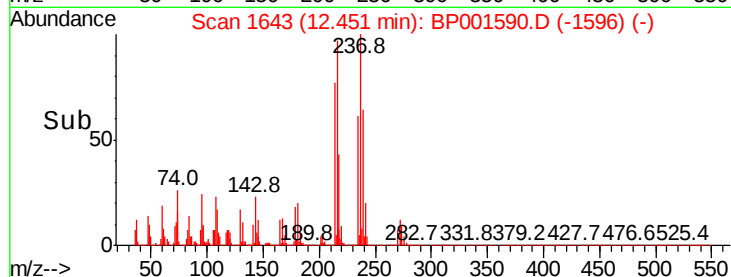
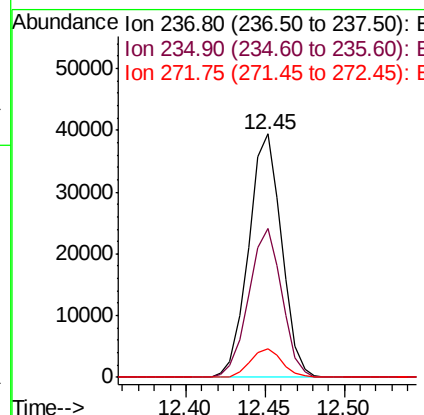
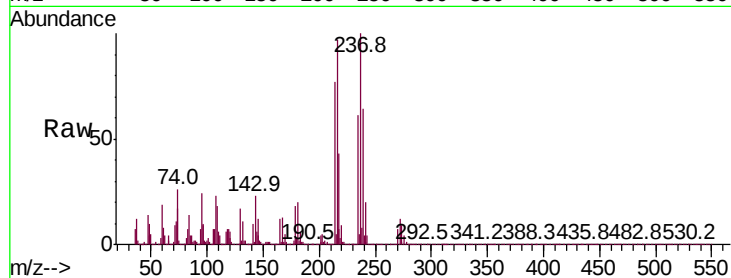




#41
Hexachlorocyclopentadiene
Concen: 42.777 ng
RT: 12.45 min Scan# 1643
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

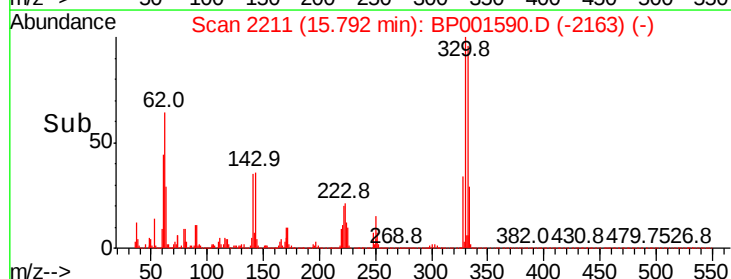
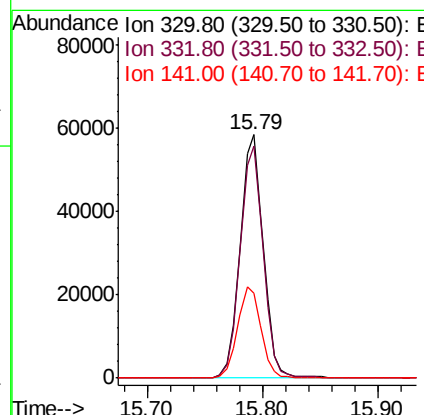
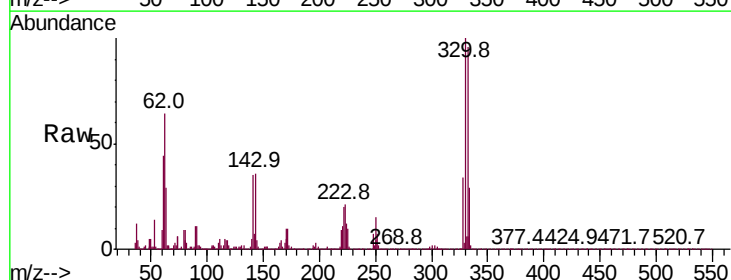
Instrument :
BNA_P
ClientSampleId :

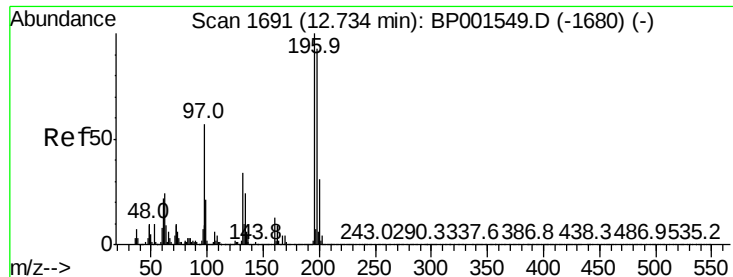
Tot Ion	Ratio	Lower	Upper
237	100		
235	61.2	41.6	81.6
272	11.6	0.0	31.2



#42
2,4,6-Tribromophenol
Concen: 69.480 ng
RT: 15.79 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.8	116.6
141	38.1	28.7	43.1





#43

2,4,6-Trichlorophenol

Concen: 36.294 ng

RT: 12.71 min Scan# 1687

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Instrument :

BNA_P

ClientSampled :

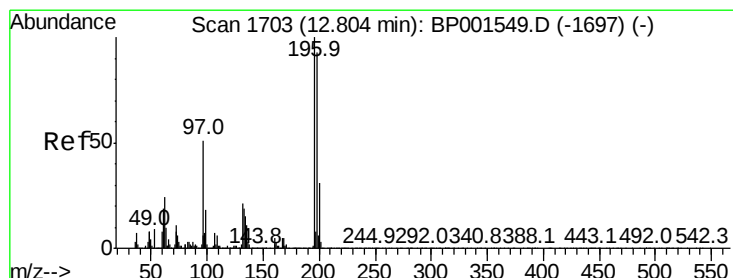
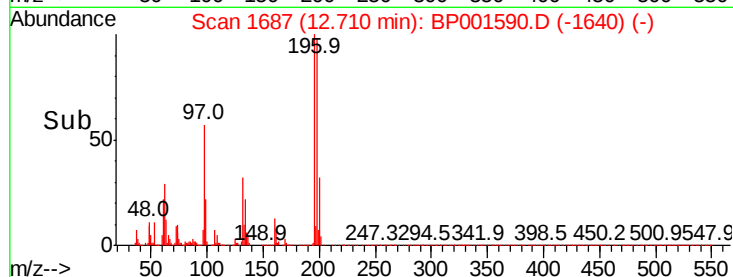
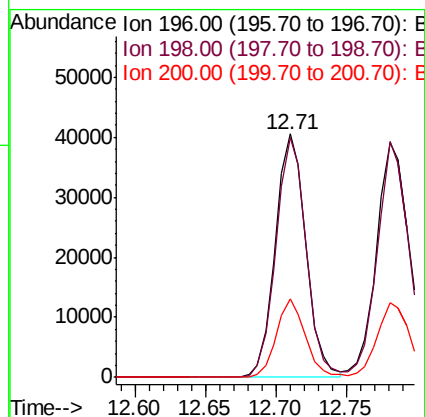
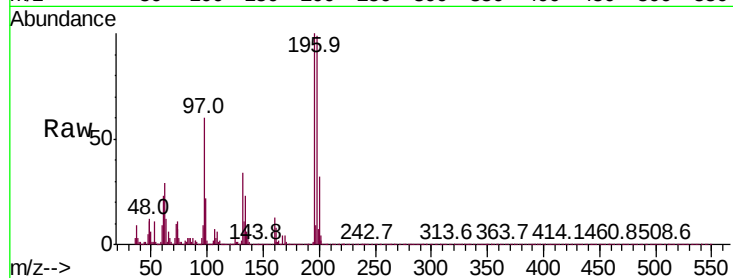
Tot Ion:196 Resp: 61272

Ion Ratio Lower Upper

196 100

198 98.5 74.2 111.4

200 32.1 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 36.767 ng

RT: 12.78 min Scan# 1699

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Tgt Ion:196 Resp: 65959

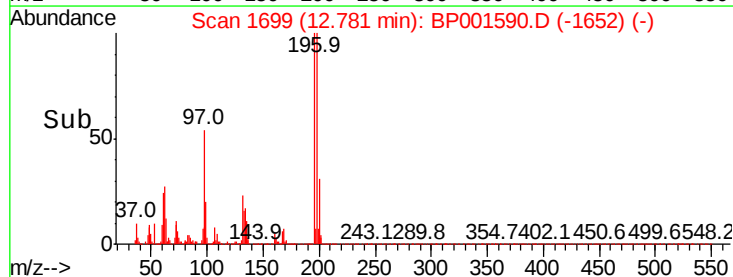
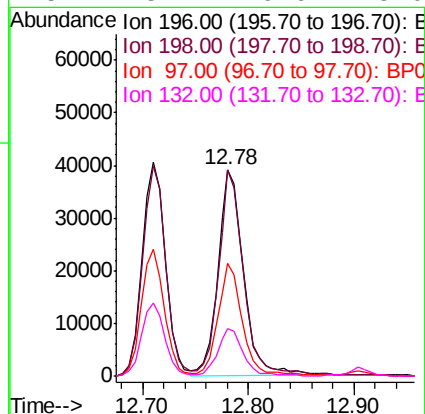
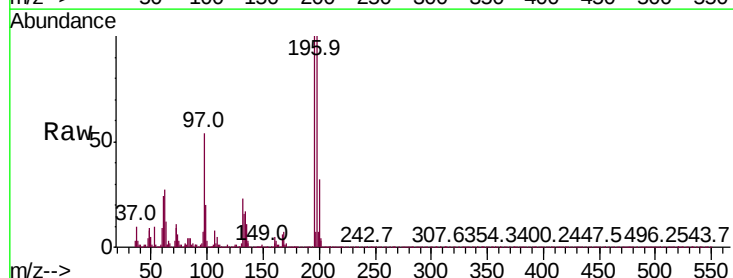
Ion Ratio Lower Upper

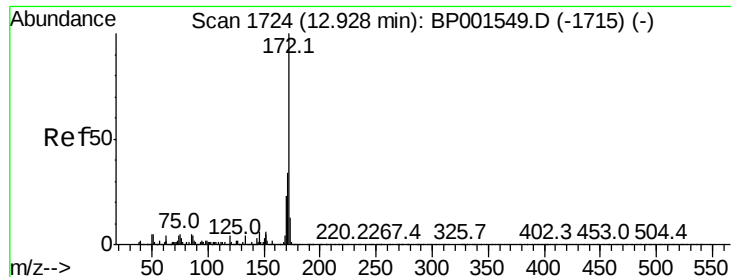
196 100

198 100.2 74.6 111.8

97 54.5 41.0 61.6

132 23.1 16.6 25.0

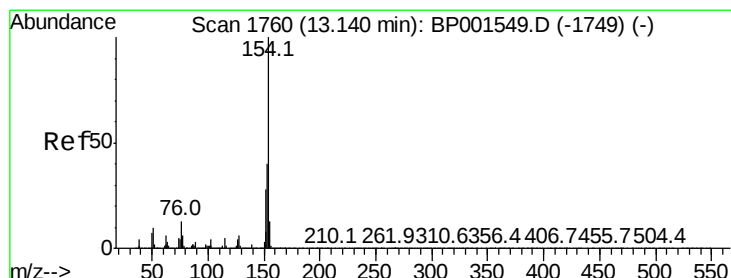
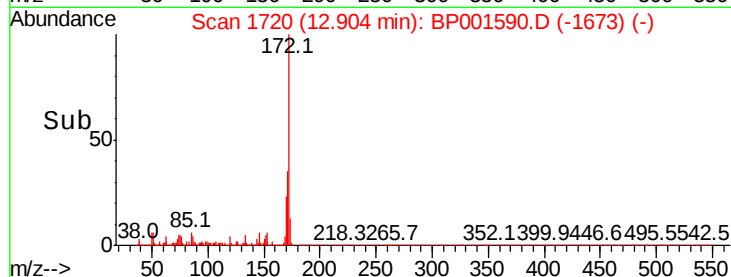
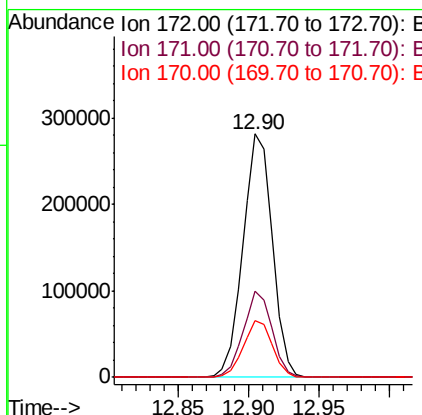
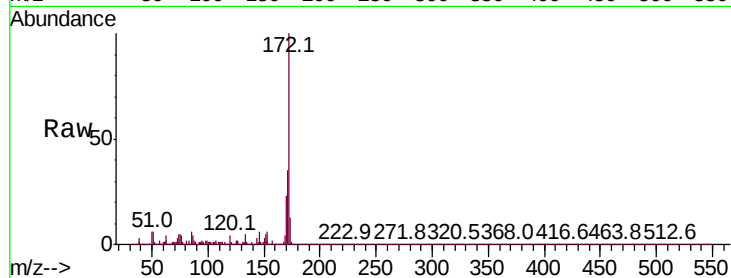




#45
2-Fluorobiphenyl
Concen: 78.910 ng
RT: 12.90 min Scan# 1720
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

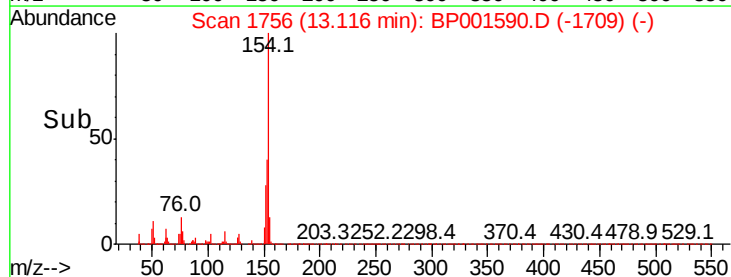
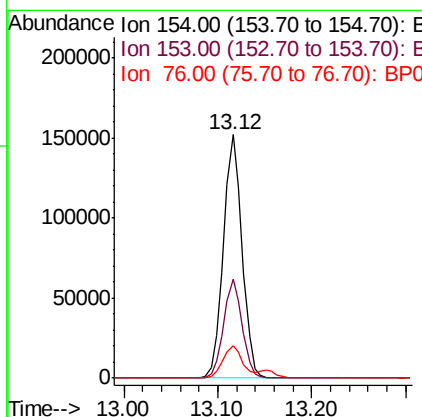
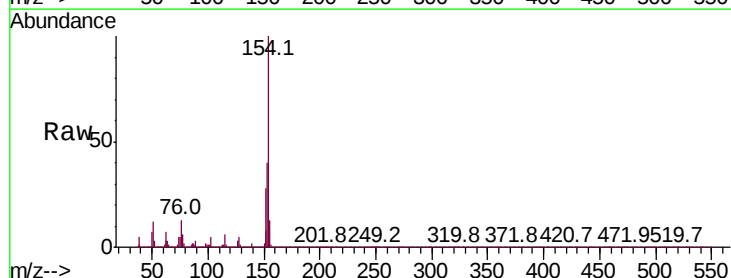
Instrument :
BNA_P
ClientSampleId :

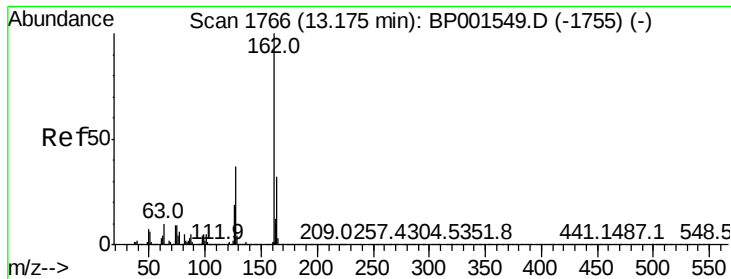
Tot Ion:172 Resp: 410114
Ion Ratio Lower Upper
172 100
171 35.5 27.6 41.4
170 23.4 18.3 27.5



#46
1,1'-Biphenyl
Concen: 38.221 ng
RT: 13.12 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion:154 Resp: 209288
Ion Ratio Lower Upper
154 100
153 40.4 19.5 59.5
76 13.1 0.0 33.1

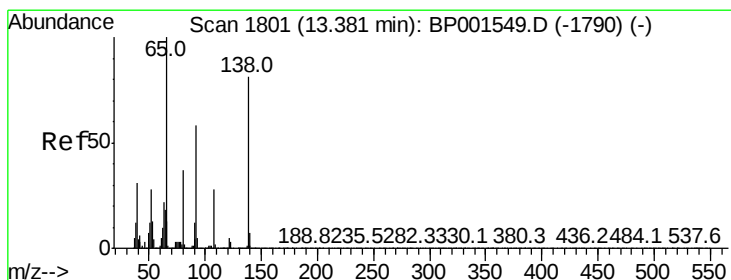
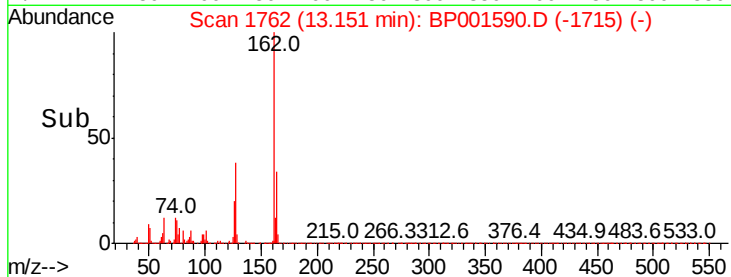
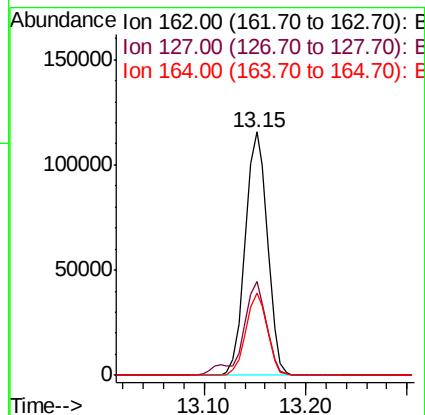
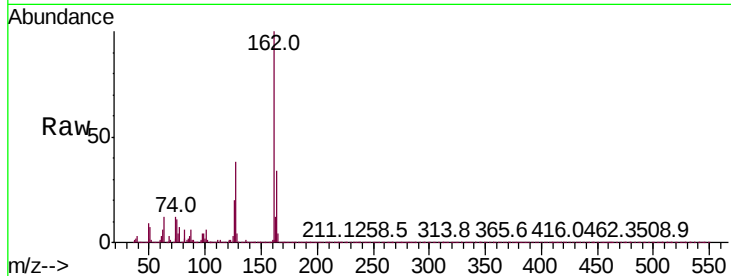




#47
2-Chloronaphthalene
Concen: 38.628 ng
RT: 13.15 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

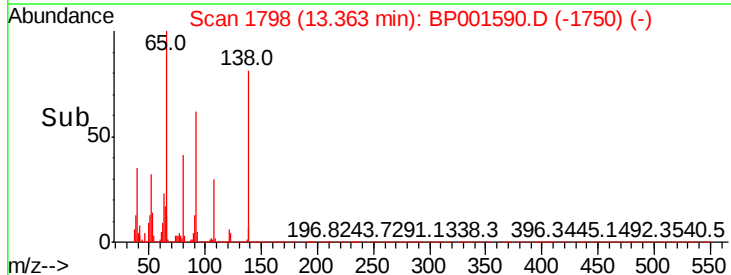
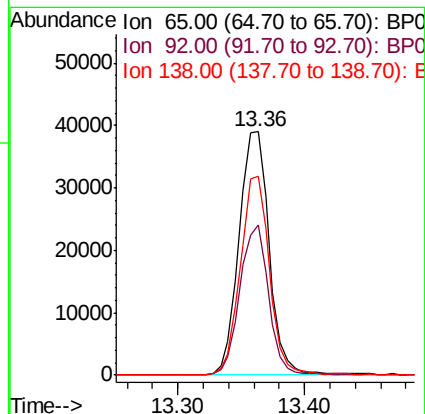
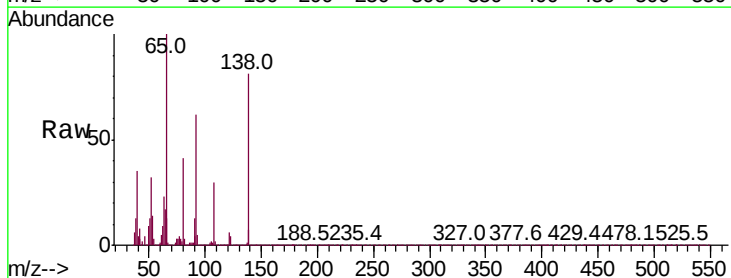
Instrument :
BNA_P
ClientSampleId :

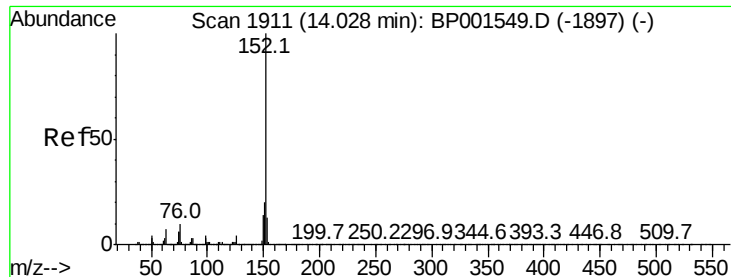
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	29.9	44.9
164	33.6	26.0	39.0



#48
2-Nitroaniline
Concen: 36.059 ng
RT: 13.36 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.5	46.2	69.2
138	81.5	64.7	97.1





#49

Acenaphthylene

Concen: 37.391 ng

RT: 14.00 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BP001590.D

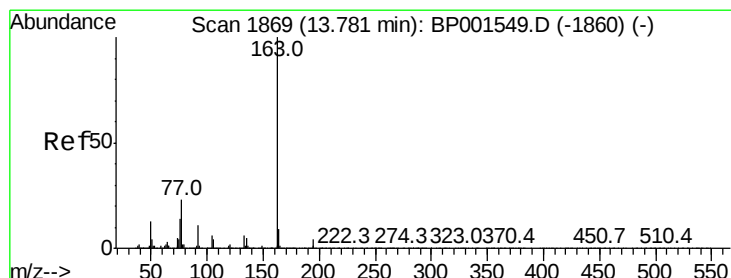
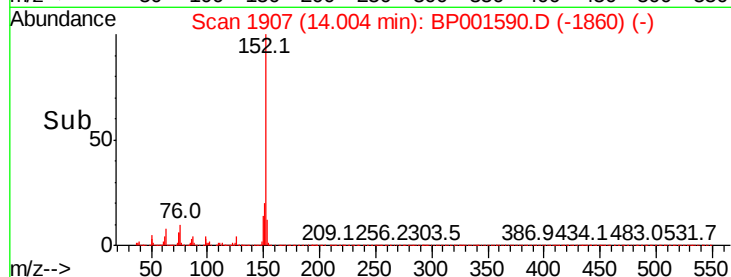
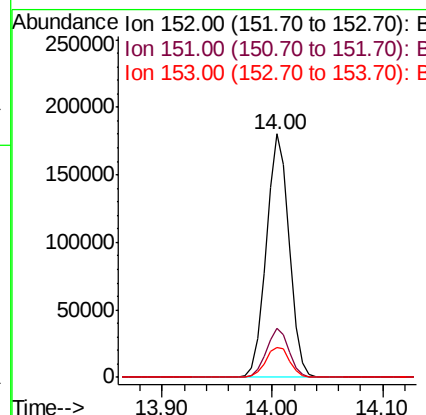
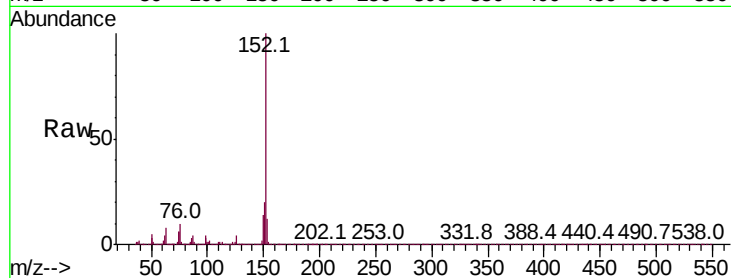
Acq: 14 Jan 2020 16:35

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	152	Resp:	262435
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.9	23.9
153	12.4	10.4	15.6



#50

Dimethylphthalate

Concen: 35.003 ng

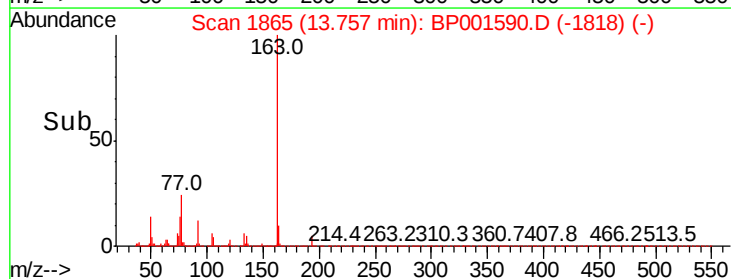
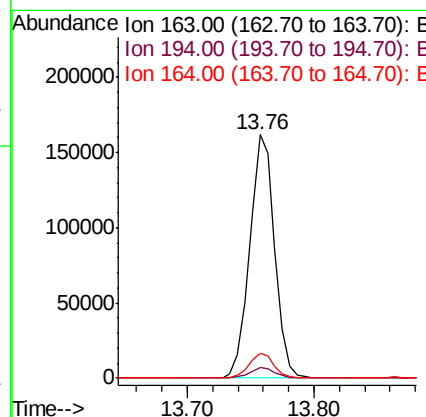
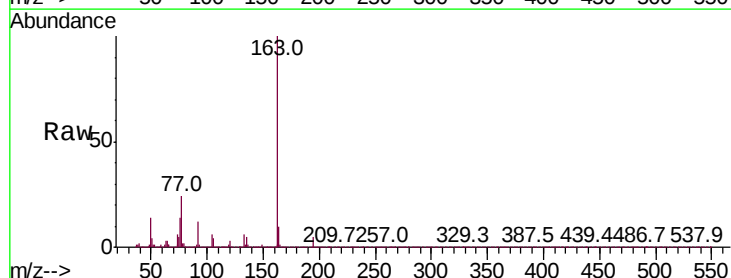
RT: 13.76 min Scan# 1865

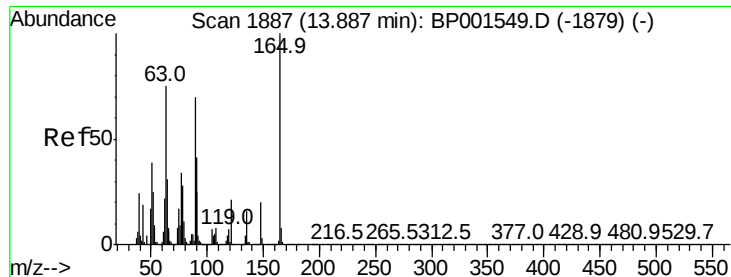
Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Tgt Ion:	163	Resp:	220301
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.3	7.5	11.3

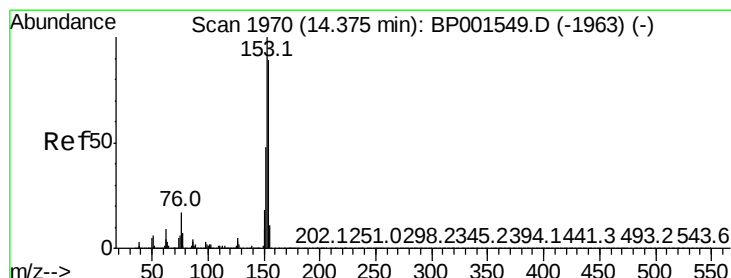
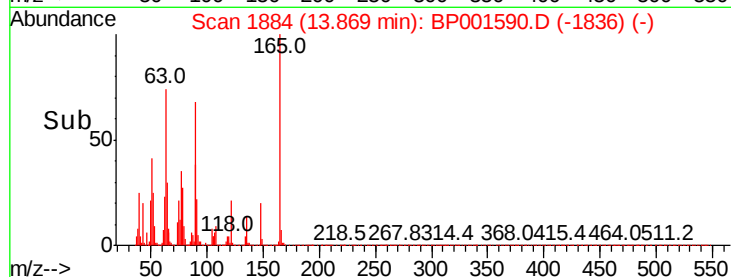
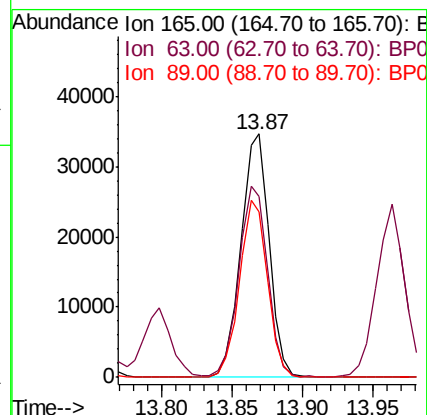
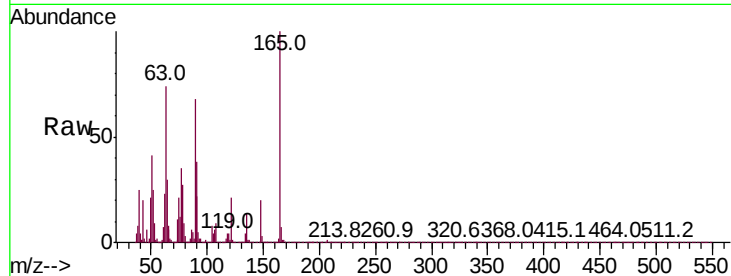




#51
2,6-Dinitrotoluene
Concen: 36.170 ng
RT: 13.87 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

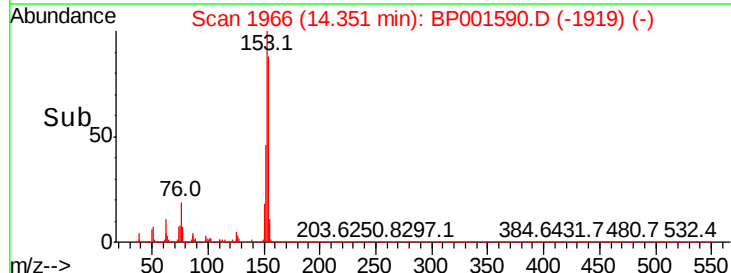
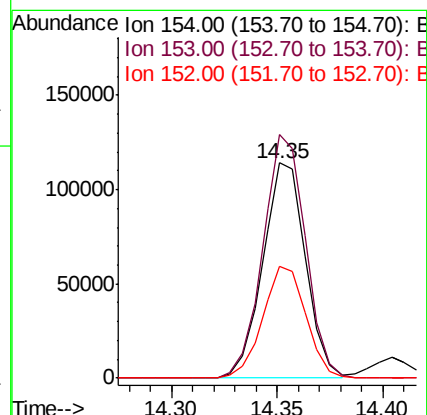
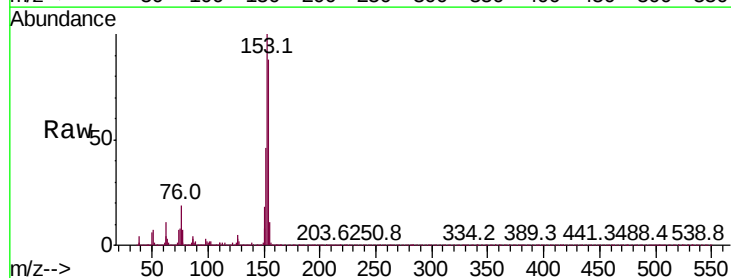
Instrument :
BNA_P
ClientSampled :

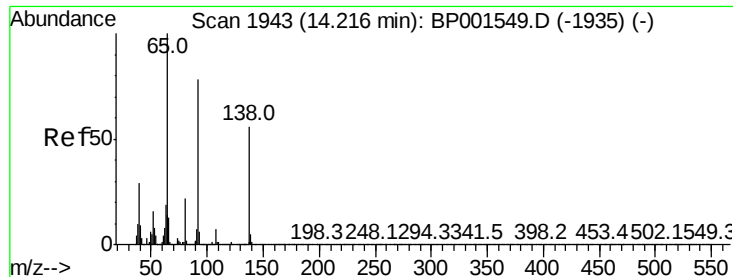
Tot Ion:165 Resp: 48275
Ion Ratio Lower Upper
165 100
63 74.1 60.9 91.3
89 67.8 55.7 83.5



#52
Acenaphthene
Concen: 36.958 ng
RT: 14.35 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion:154 Resp: 160649
Ion Ratio Lower Upper
154 100
153 113.1 89.4 134.2
152 52.2 42.6 64.0

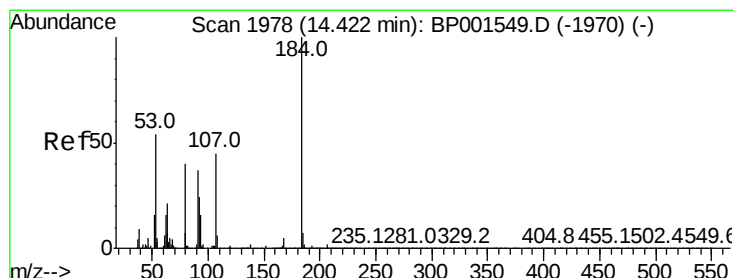
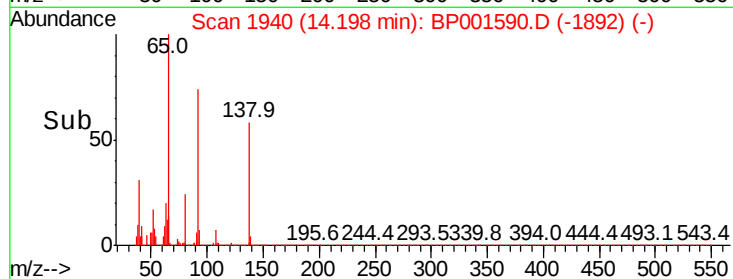
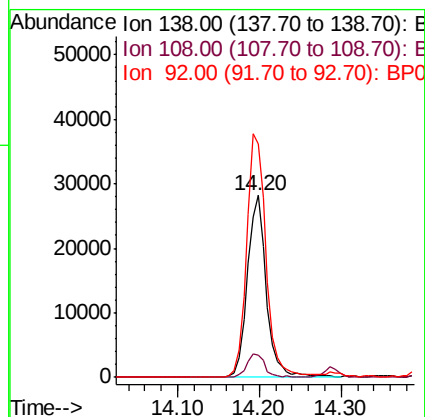
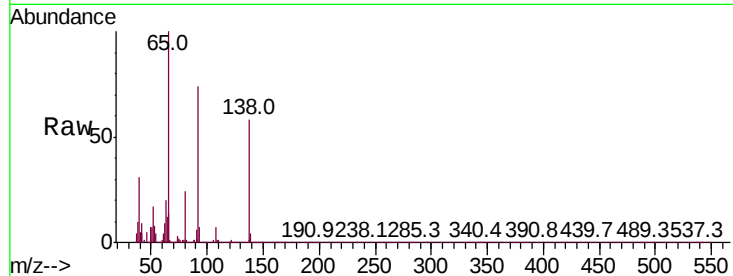




#53
3-Nitroaniline
Concen: 32.114 ng
RT: 14.20 min Scan# 1940
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

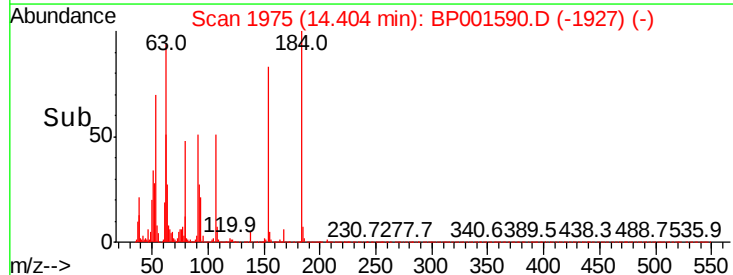
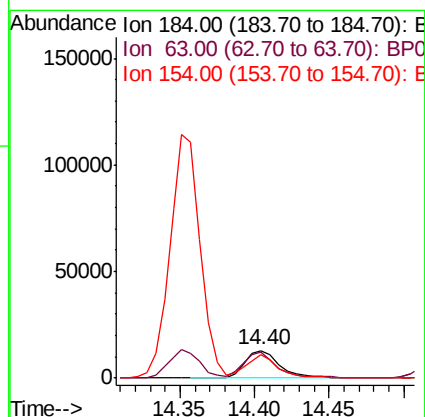
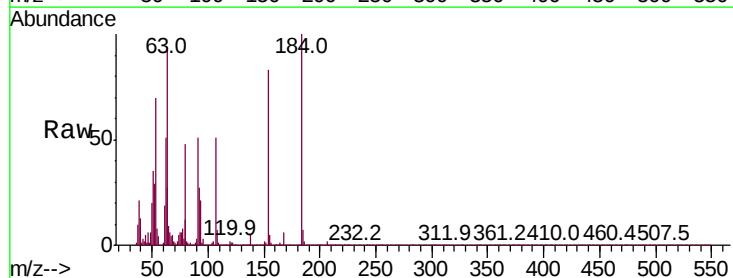
Instrument :
BNA_P
ClientSampleId :

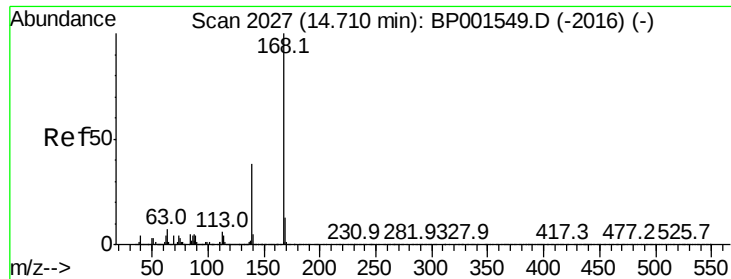
Tot Ion:138 Resp: 45254
Ion Ratio Lower Upper
138 100
108 11.9 9.9 14.9
92 128.1 110.6 166.0



#54
2,4-Dinitrophenol
Concen: 27.613 ng
RT: 14.40 min Scan# 1975
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion:184 Resp: 20722
Ion Ratio Lower Upper
184 100
63 94.3 59.7 89.5#
154 82.7 53.9 80.9#

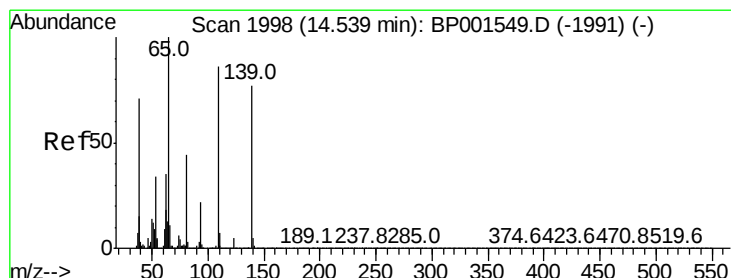
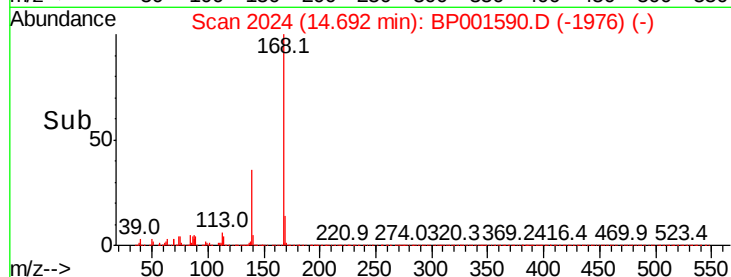
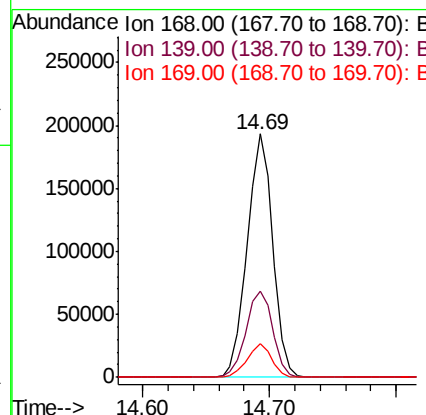
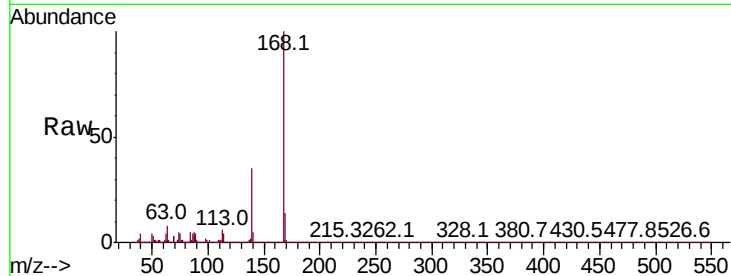




#55
Dibenzofuran
Concen: 36.789 ng
RT: 14.69 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

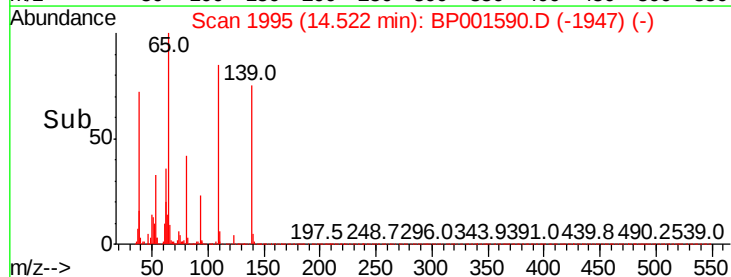
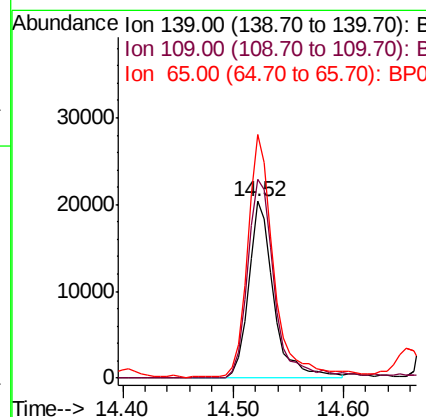
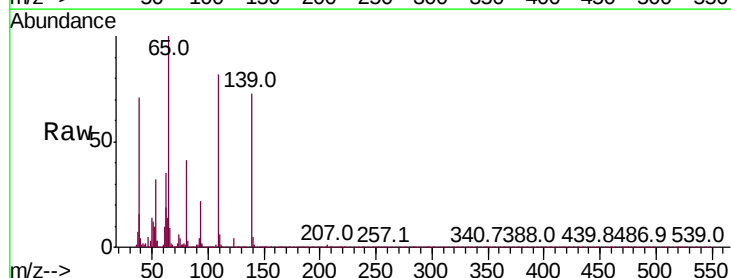
Instrument :
BNA_P
ClientSampled :

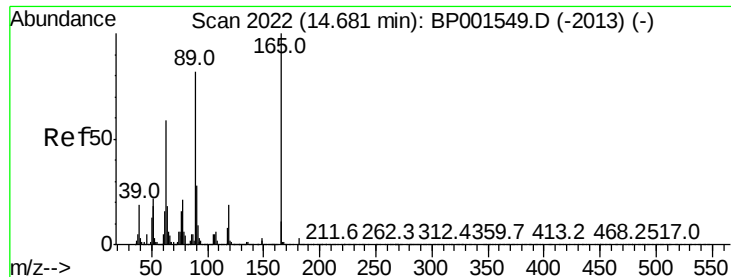
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.4	30.2	45.4
169	13.8	10.6	16.0



#56
4-Nitrophenol
Concen: 28.881 ng
RT: 14.52 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	112.4	92.7	132.7
65	137.8	111.1	151.1

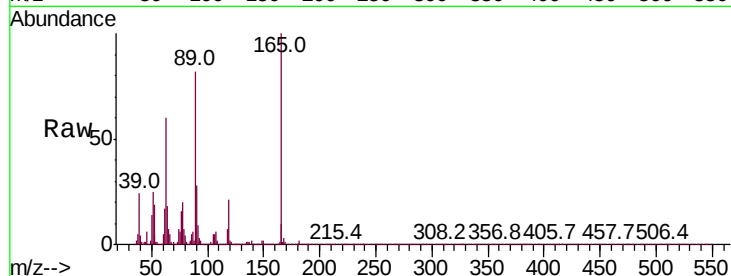




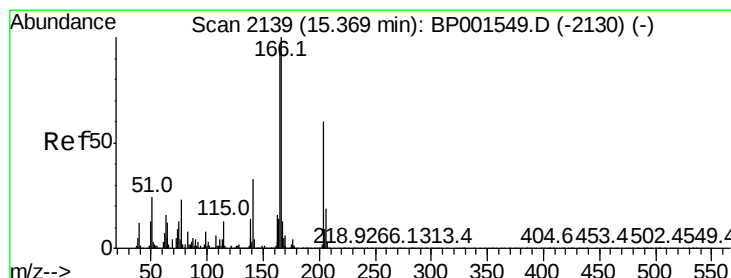
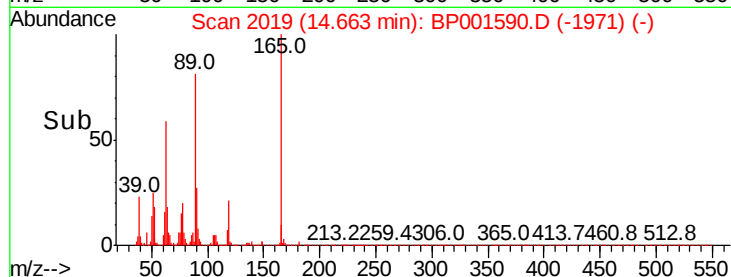
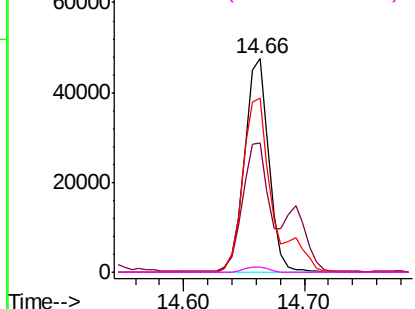
#57
2,4-Dinitrotoluene
Concen: 34.194 ng
RT: 14.66 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.3	47.3	70.9
89	81.6	65.4	98.0
182	2.4	2.5	3.7#

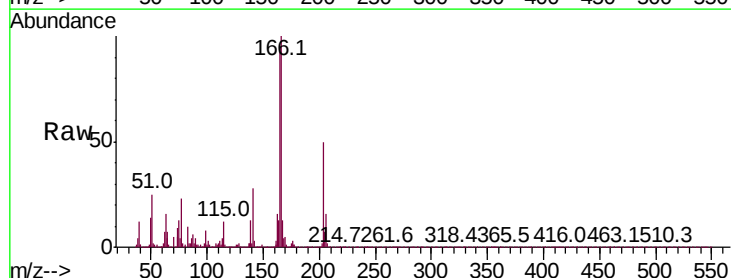


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

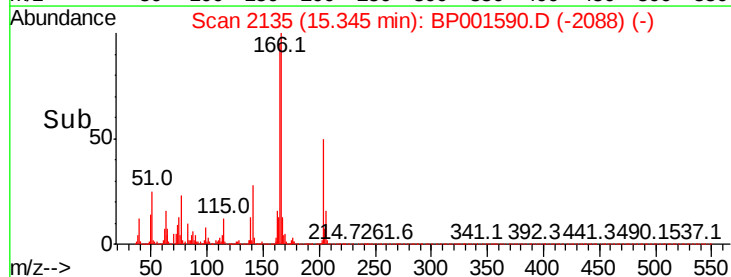
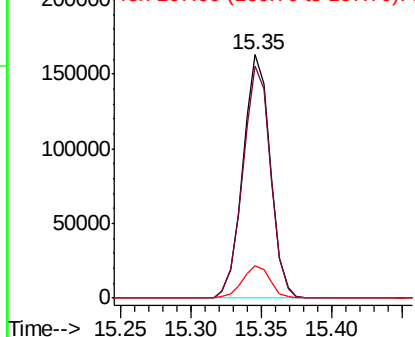


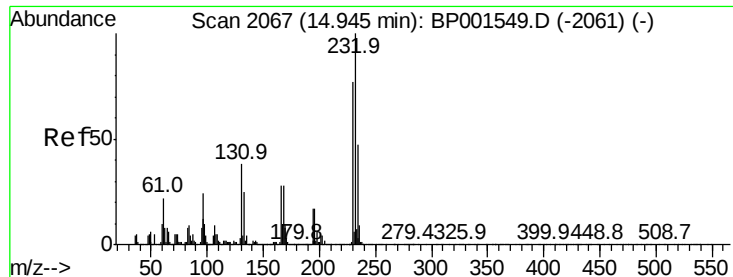
#58
Fluorene
Concen: 37.058 ng
RT: 15.35 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.2	76.9	115.3
167	13.2	10.3	15.5



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

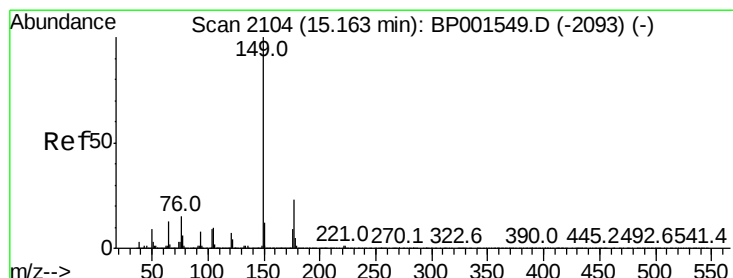
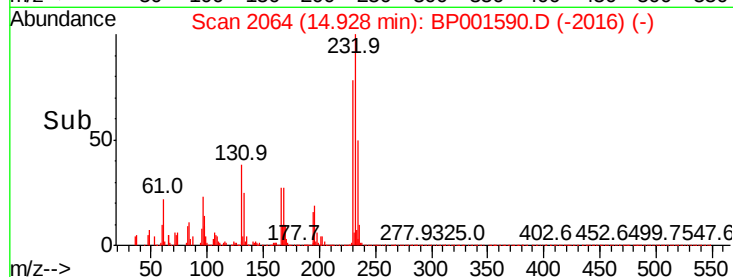
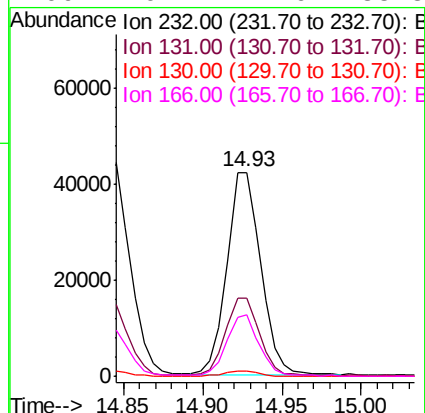
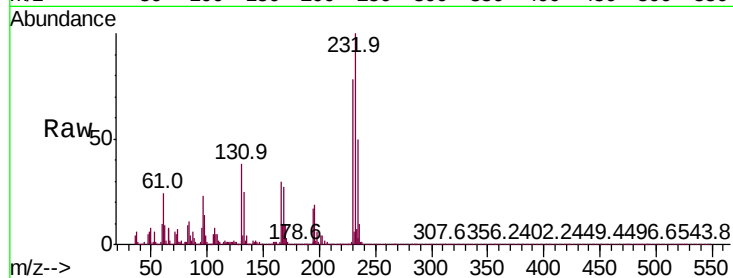




#59
2,3,4,6-Tetrachlorophenol
Concen: 34.061 ng
RT: 14.93 min Scan# 2064
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

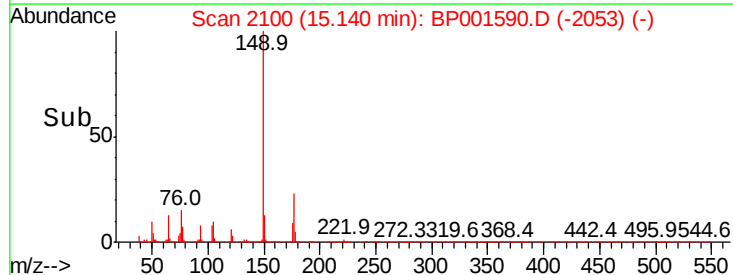
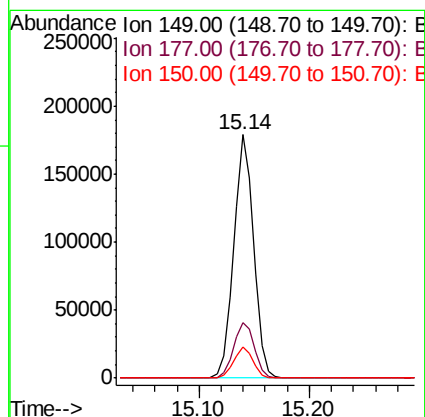
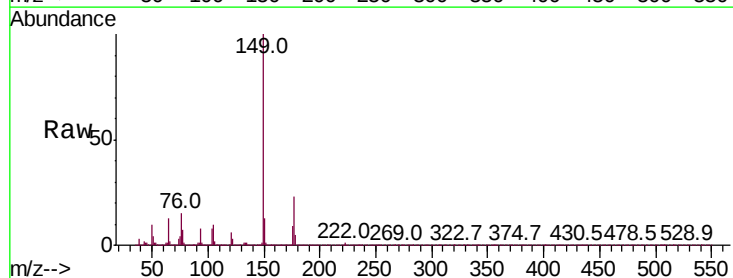
Instrument :
BNA_P
ClientSampleId :

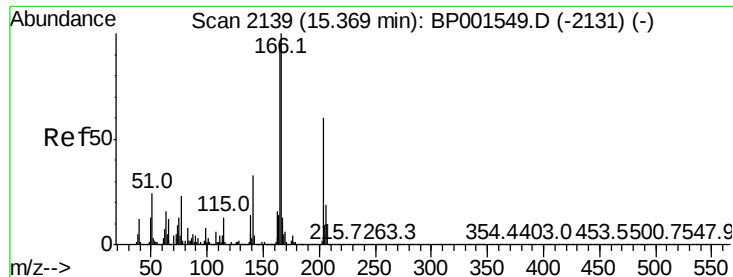
Tot Ion:	232	Resp:	63097
Ion	Ratio	Lower	Upper
232	100		
131	38.9	31.3	46.9
130	2.6	2.0	3.0
166	29.2	22.6	33.8



#60
Diethylphthalate
Concen: 34.949 ng
RT: 15.14 min Scan# 2100
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion:	149	Resp:	226239
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.4	27.6
150	12.7	10.0	15.0

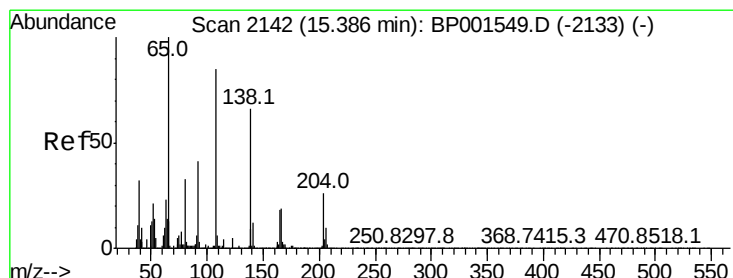
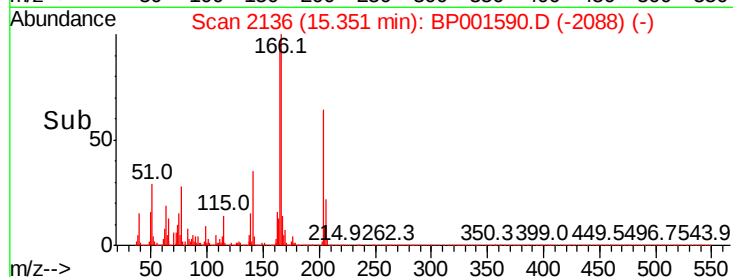
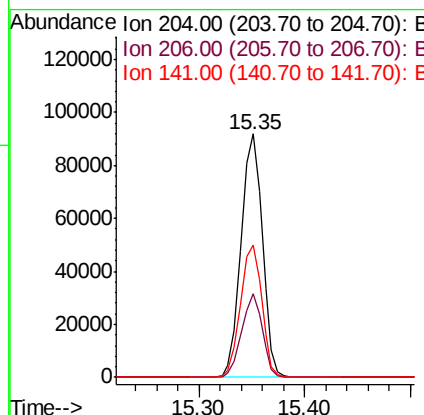
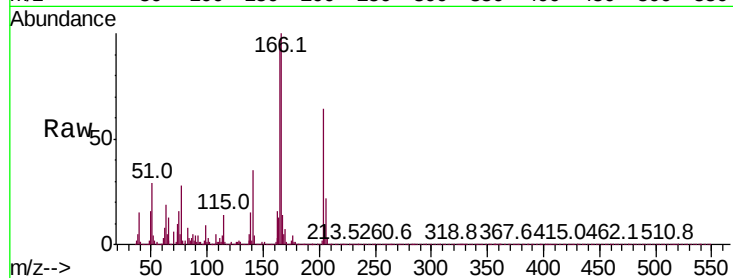




#61
4-Chlorophenyl-phenylether
Concen: 37.325 ng
RT: 15.35 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

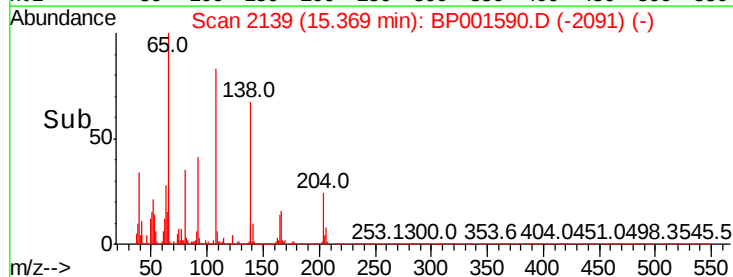
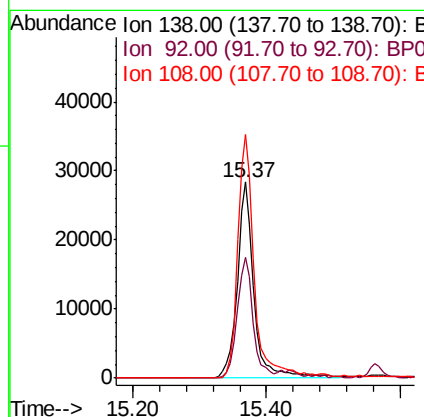
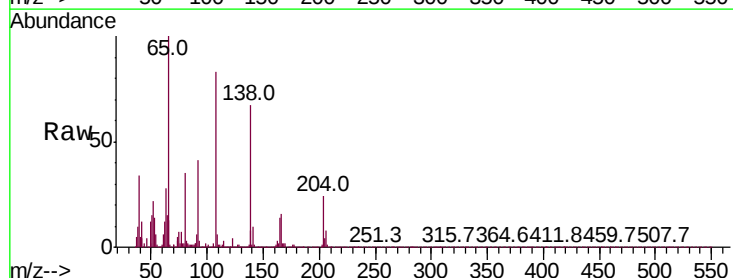
Instrument :
BNA_P
ClientSampleId :

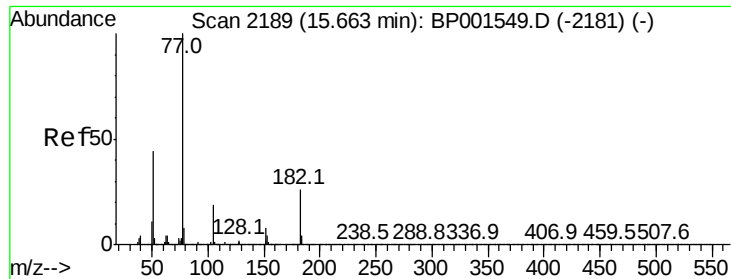
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	25.4	38.0
141	54.4	43.8	65.6



#62
4-Nitroaniline
Concen: 31.066 ng
RT: 15.37 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.5	42.7	82.7
108	124.1	108.6	148.6

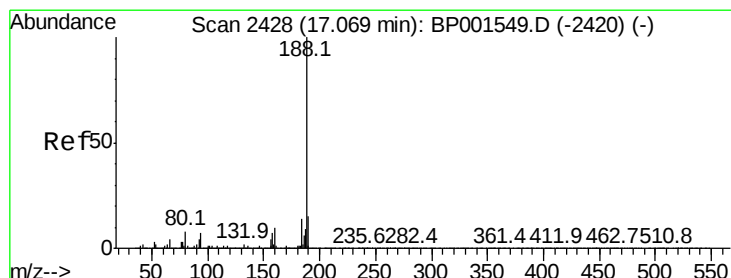
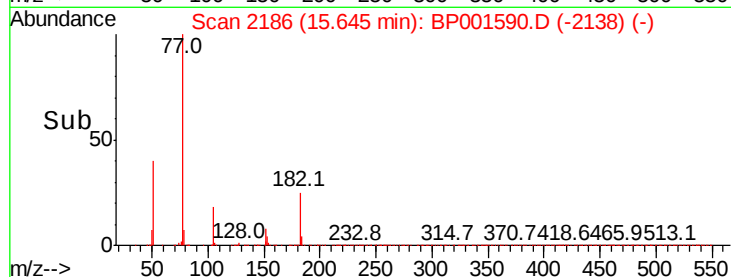
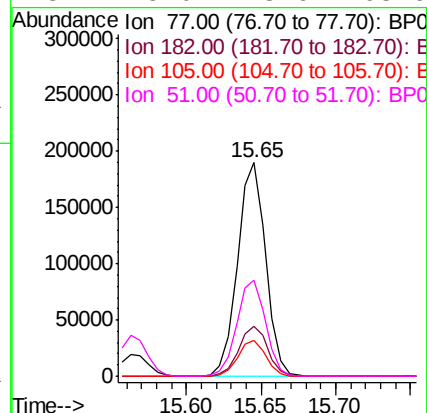
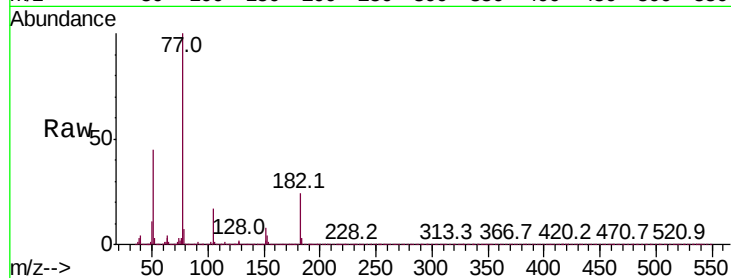




#63
Azobenzene
Concen: 38.496 ng
RT: 15.65 min Scan# 2186
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

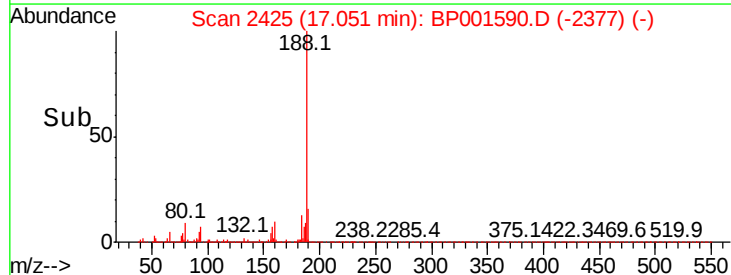
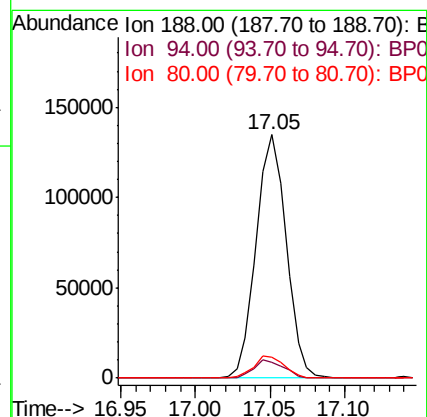
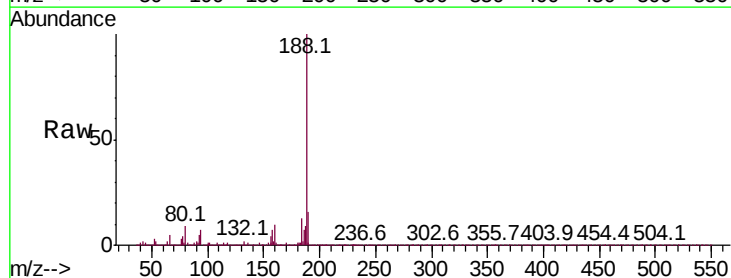
Instrument :
BNA_P
ClientSampleId :

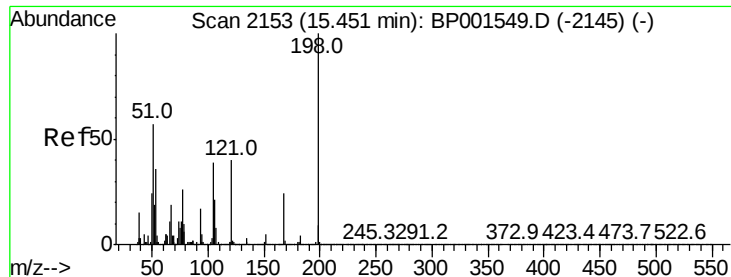
Tot Ion:	77	Resp:	248996
Ion	Ratio	Lower	Upper
77	100		
182	23.6	5.8	45.8
105	17.0	0.0	39.3
51	45.0	23.6	63.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2425
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion:	188	Resp:	188137
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.9	8.9
80	8.7	6.8	10.2





#65

4,6-Dinitro-2-methylphenol

Concen: 33.925 ng

RT: 15.43 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Instrument :

BNA_P

ClientSampleId :

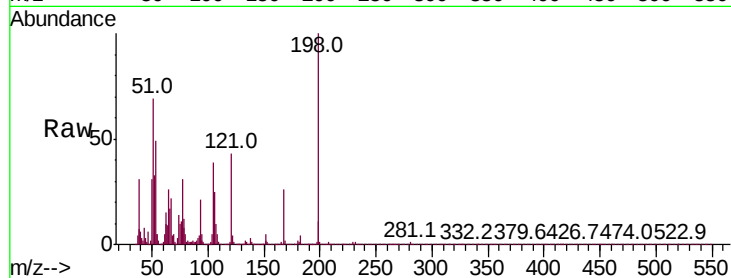
Tot Ion:198 Resp: 34507

Ion Ratio Lower Upper

198 100

51 69.3 39.4 79.4

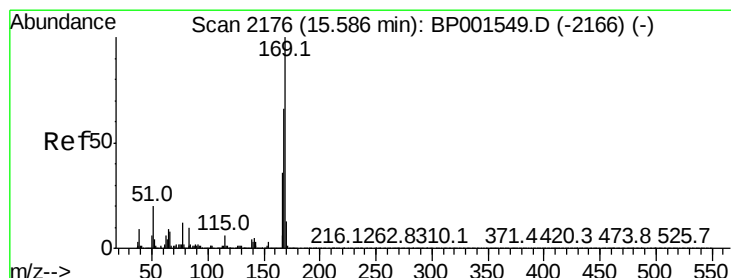
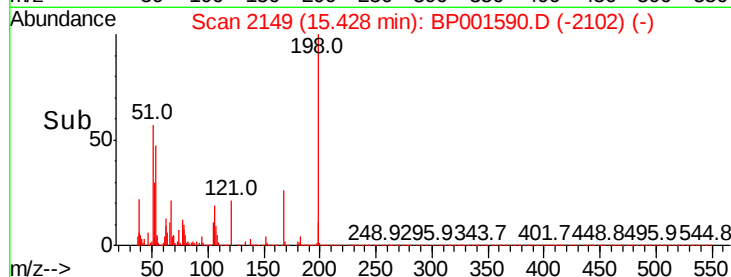
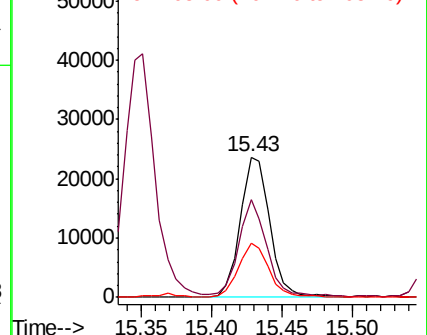
105 39.0 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.870 ng

RT: 15.56 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

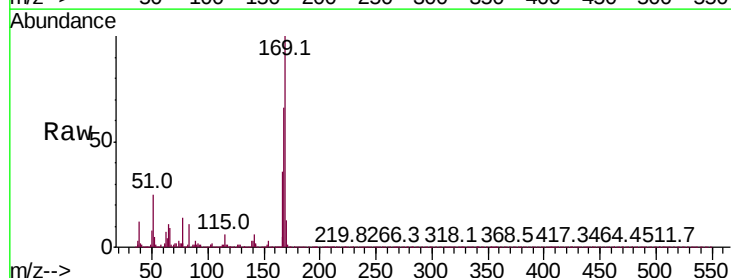
Tgt Ion:169 Resp: 188753

Ion Ratio Lower Upper

169 100

168 65.7 53.1 79.7

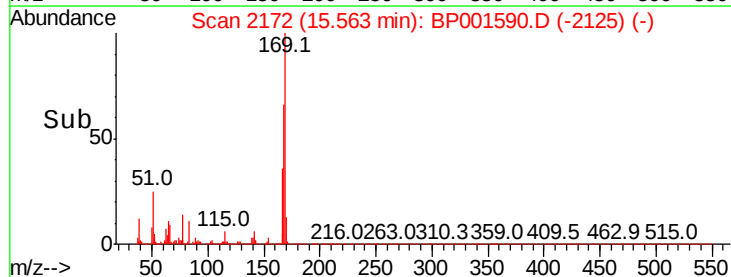
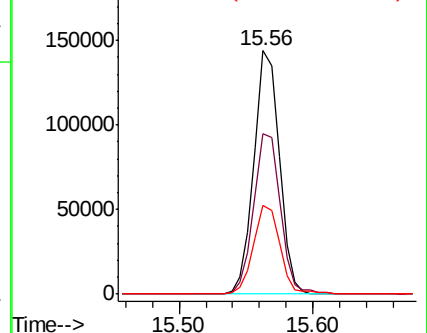
167 36.5 28.9 43.3

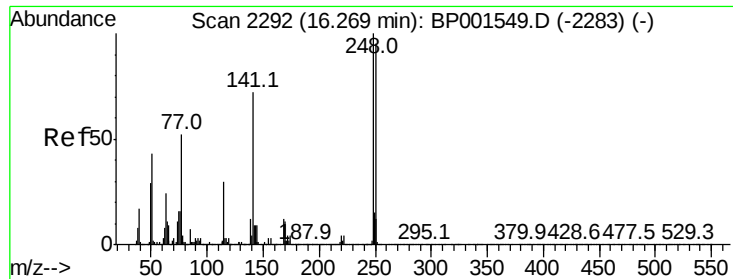


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

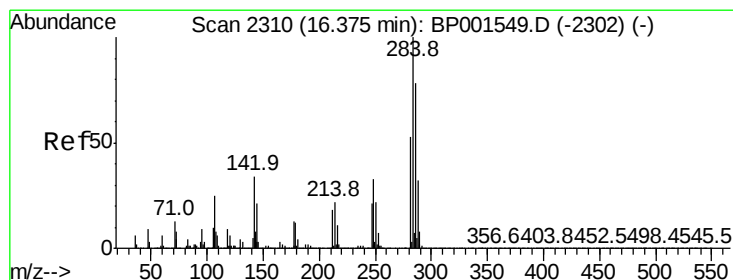
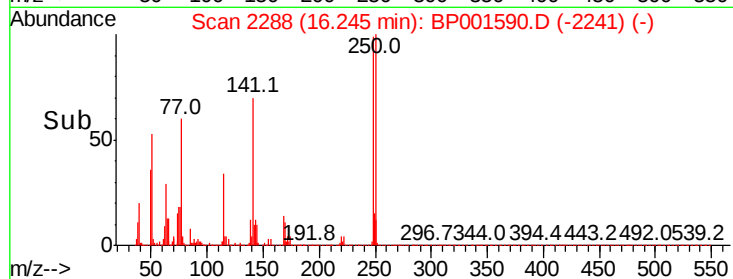
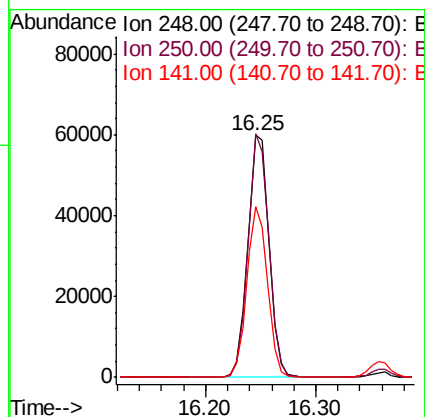
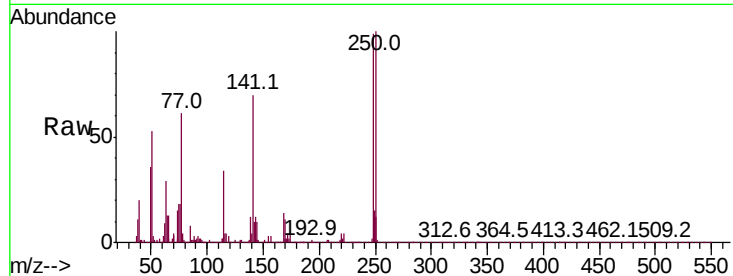




#67
4-Bromophenyl-phenylether
Concen: 38.211 ng
RT: 16.25 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

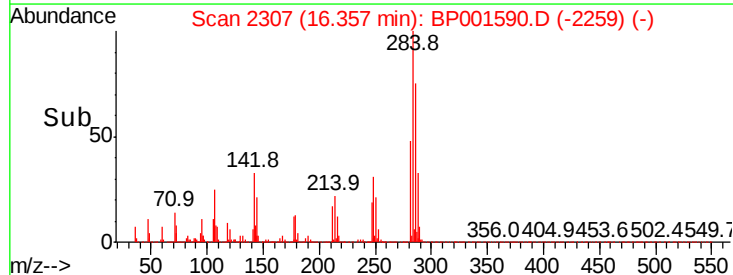
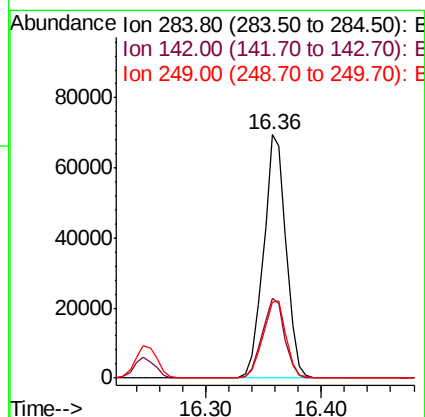
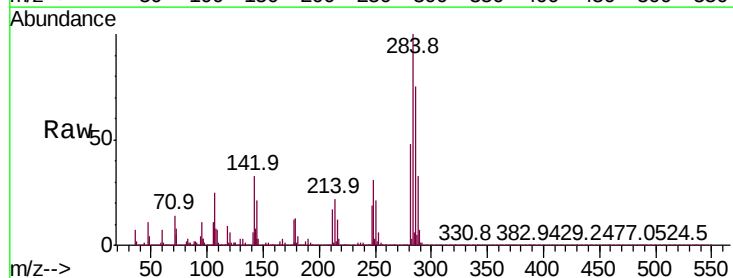
Instrument :
BNA_P
ClientSampleId :

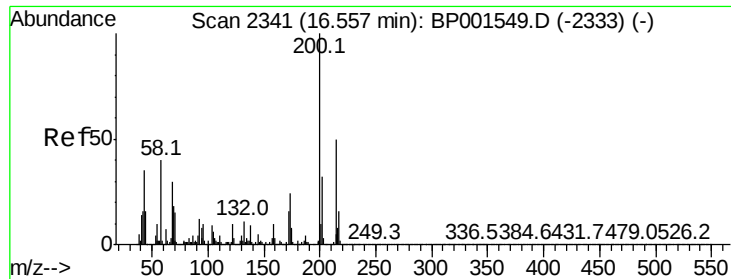
Tot Ion:248 Resp: 81099
Ion Ratio Lower Upper
248 100
250 100.6 76.0 114.0
141 70.7 57.8 86.8



#68
Hexachlorobenzene
Concen: 38.455 ng
RT: 16.36 min Scan# 2307
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion:284 Resp: 94827
Ion Ratio Lower Upper
284 100
142 32.6 27.4 41.2
249 31.1 26.8 40.2





#69

Atrazine

Concen: 35.322 ng

RT: 16.53 min Scan# 2337

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Instrument :

BNA_P

ClientSampleId :

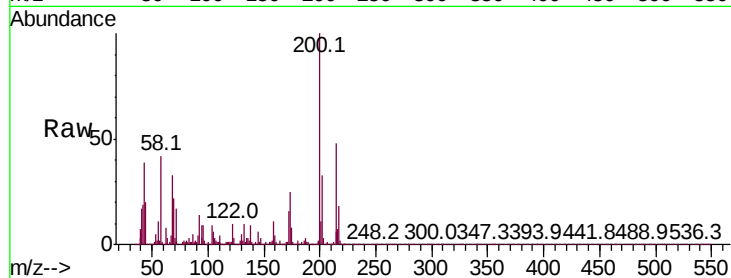
Tot Ion:200 Resp: 64657

Ion Ratio Lower Upper

200 100

173 24.5 3.5 43.5

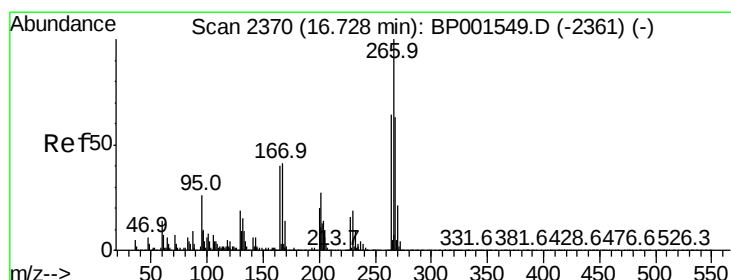
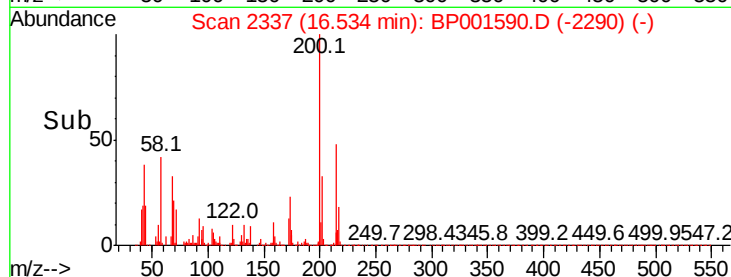
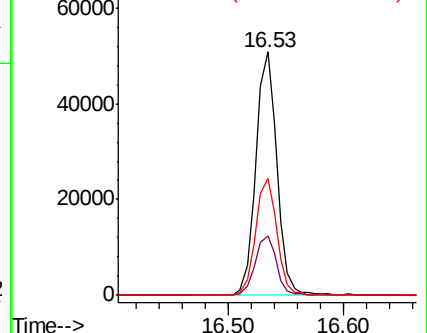
215 47.9 30.4 70.4



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: 33.657 ng

RT: 16.71 min Scan# 2367

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

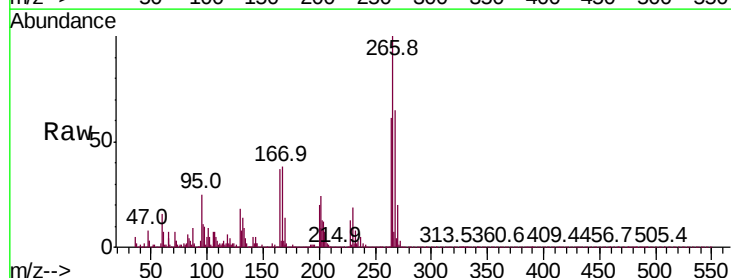
Tgt Ion:266 Resp: 45835

Ion Ratio Lower Upper

266 100

268 65.0 50.5 75.7

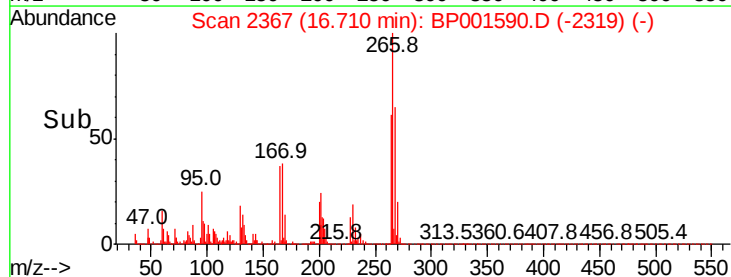
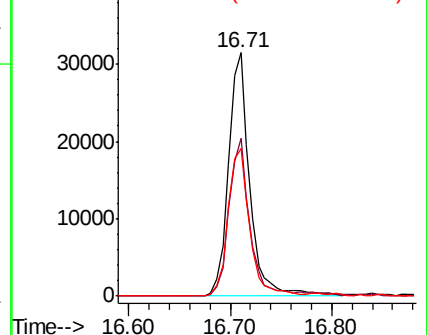
264 60.8 50.9 76.3

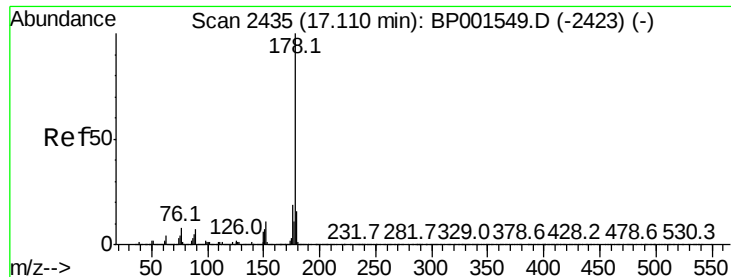


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

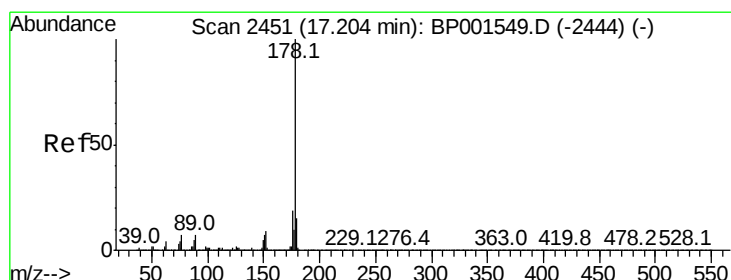
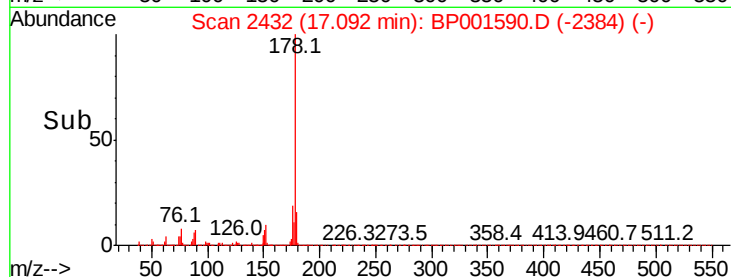
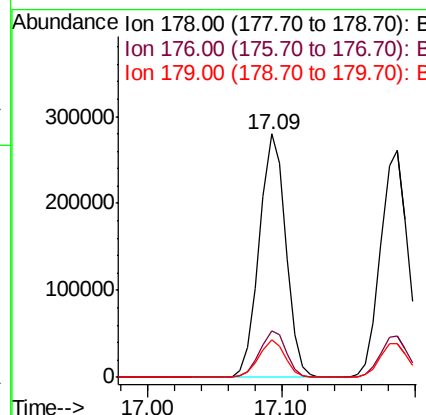
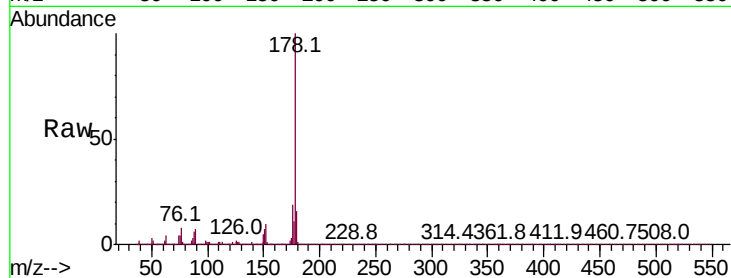




#71
Phenanthrene
Concen: 37.376 ng
RT: 17.09 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

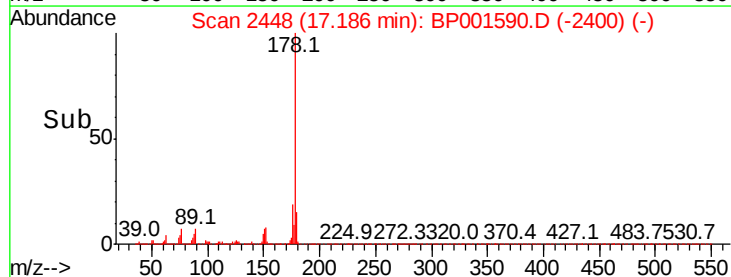
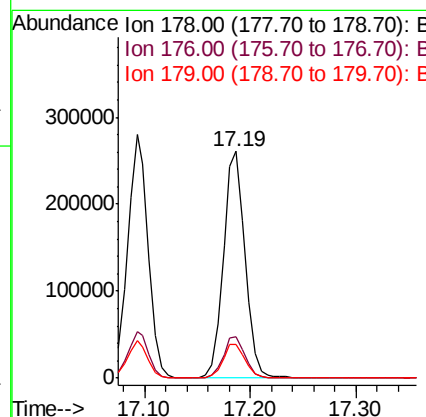
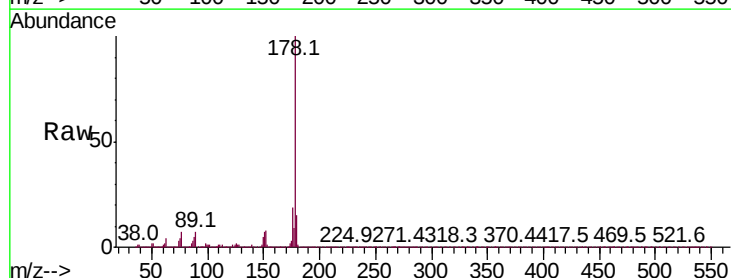
Instrument :
BNA_P
ClientSampleId :

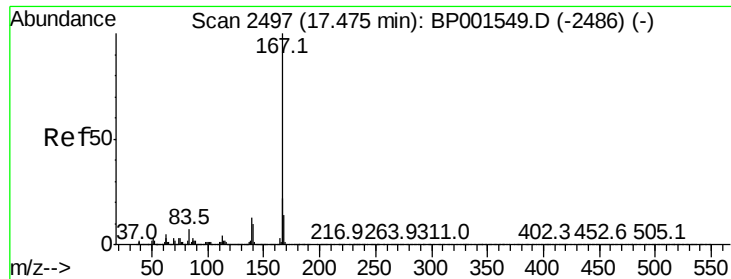
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	15.6	12.5	18.7



#72
Anthracene
Concen: 37.161 ng
RT: 17.19 min Scan# 2448
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	14.8	11.8	17.8





#73

Carbazole

Concen: 34.827 ng

RT: 17.46 min Scan# 2494

Delta R.T. -0.02 min

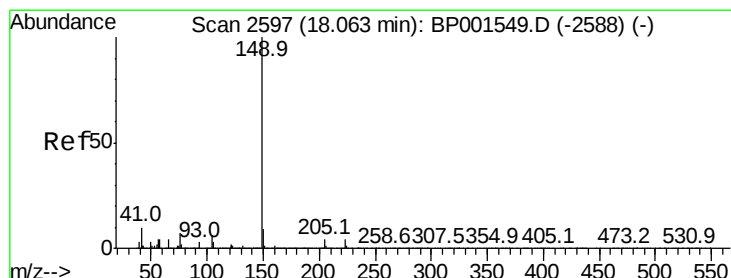
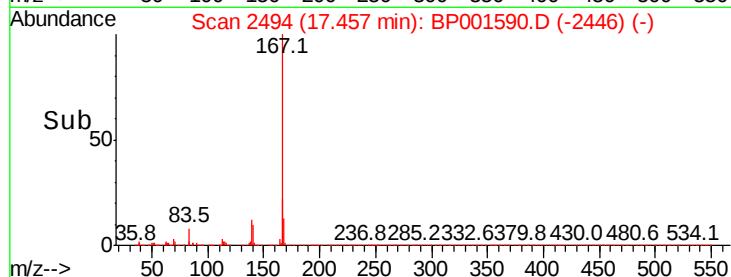
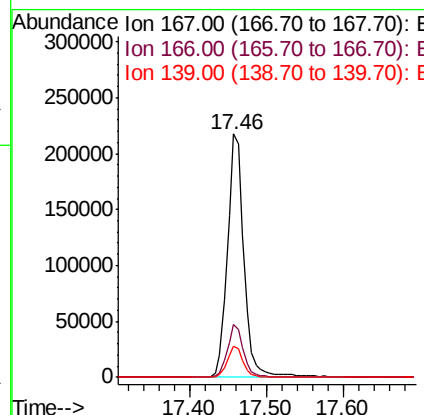
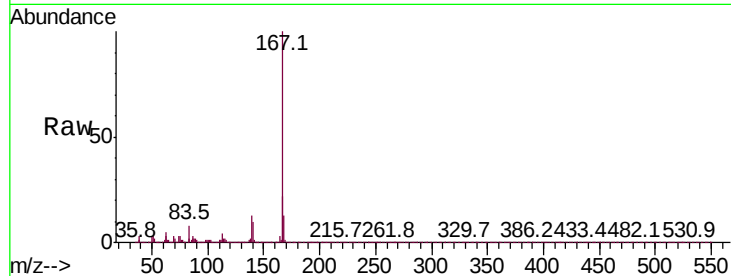
Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Instrument :
BNA_P
ClientSampleId :

Tot Ion:167 Resp: 325672

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.9	10.0	15.0



#74

Di-n-butylphthalate

Concen: 36.399 ng

RT: 18.05 min Scan# 2594

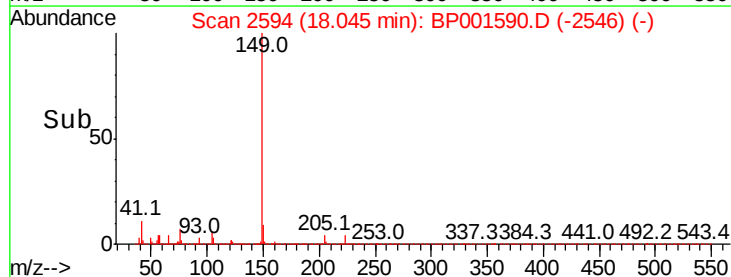
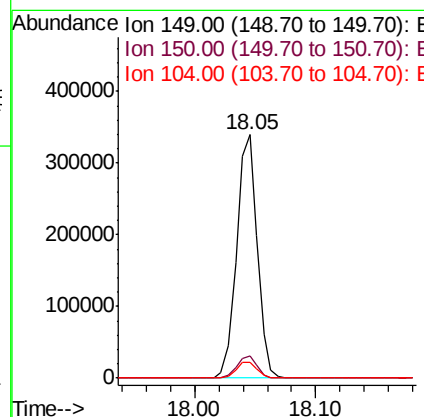
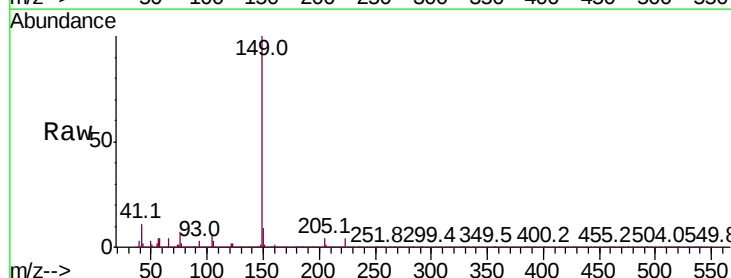
Delta R.T. -0.02 min

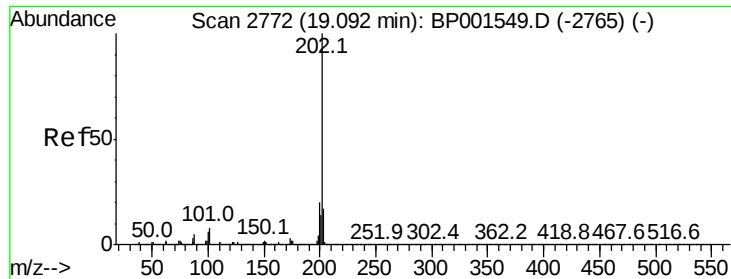
Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Tgt Ion:149 Resp: 402699

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	6.5	5.0	7.4

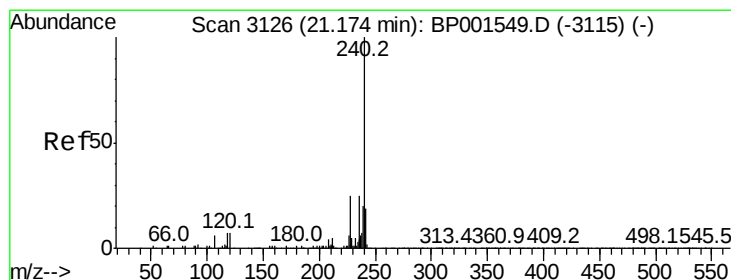
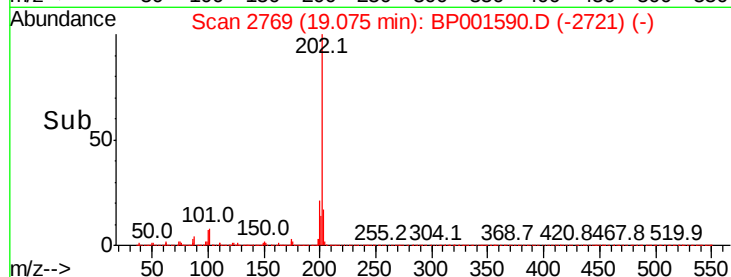
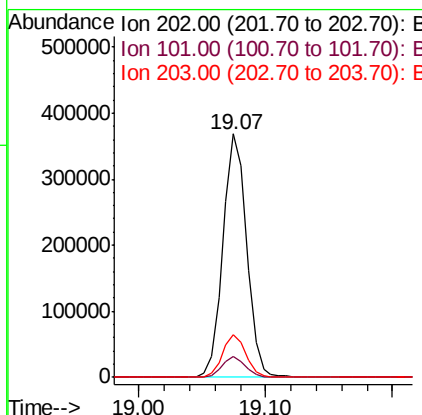
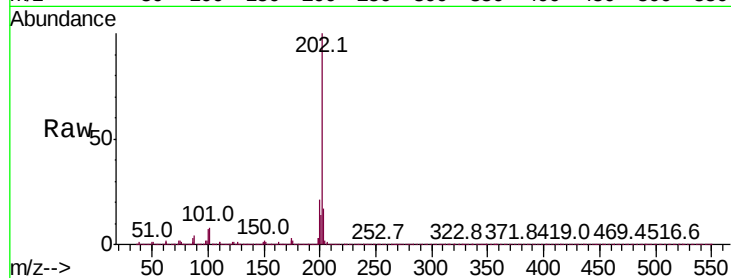




#75
Fluoranthene
Concen: 35.575 ng
RT: 19.07 min Scan# 2769
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

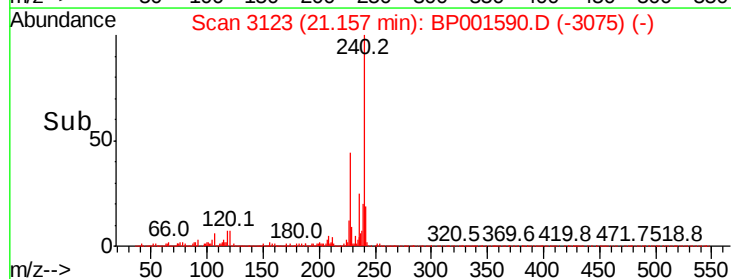
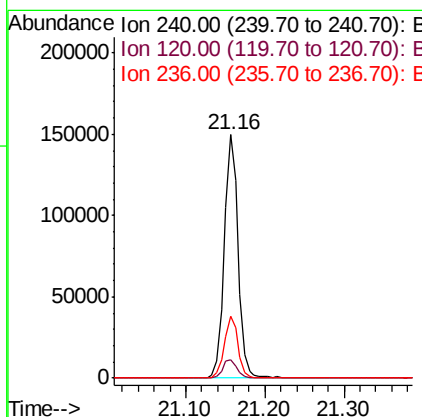
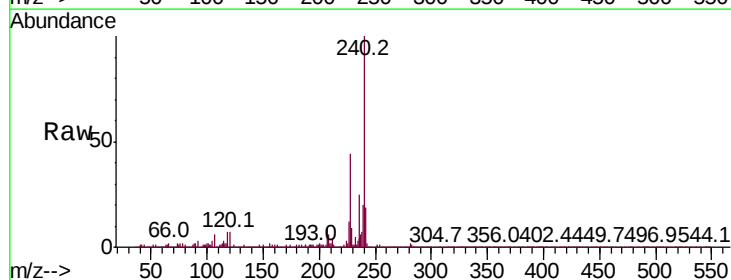
Instrument :
BNA_P
ClientSampleId :

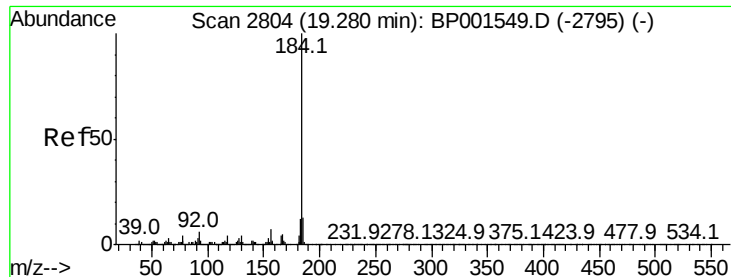
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	28.4
203	17.4	0.0	37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3123
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.7	8.5
236	25.3	20.4	30.6





#77

Benzidine

Concen: 35.214 ng

RT: 19.26 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Instrument :

BNA_P

ClientSampleId :

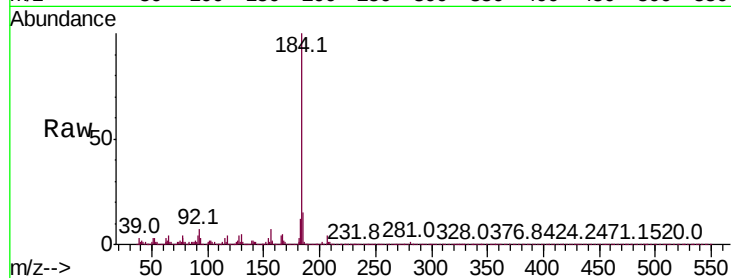
Tot Ion:184 Resp: 144701

Ion Ratio Lower Upper

184 100

185 15.4 10.6 16.0

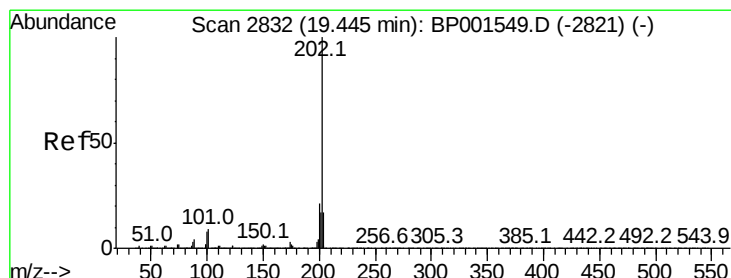
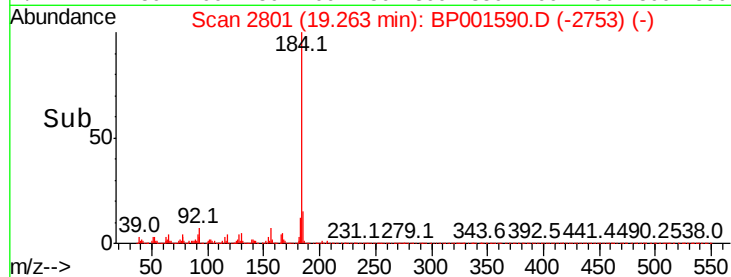
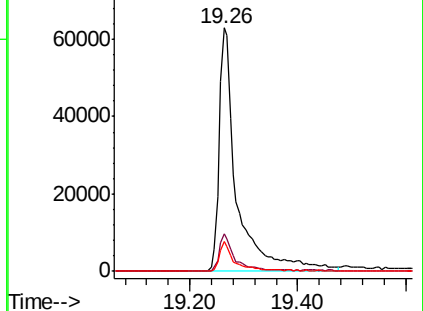
183 12.4 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.301 ng

RT: 19.43 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

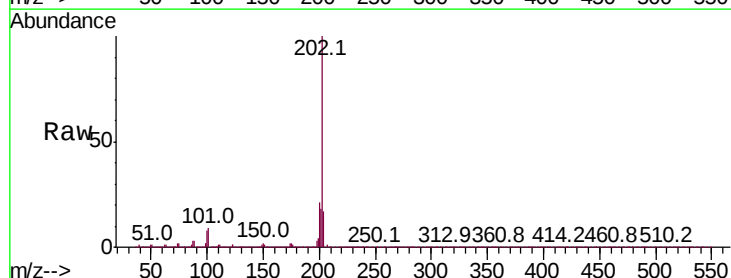
Tgt Ion:202 Resp: 493117

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

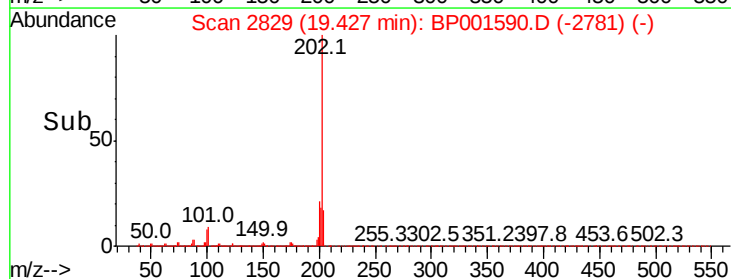
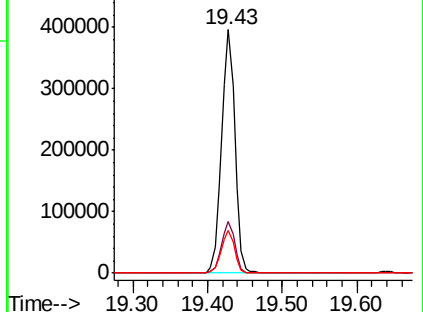
203 17.5 13.7 20.5

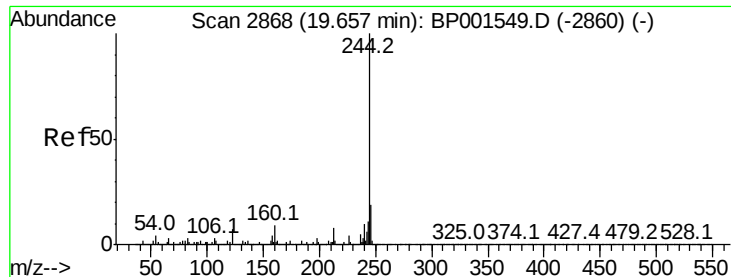


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

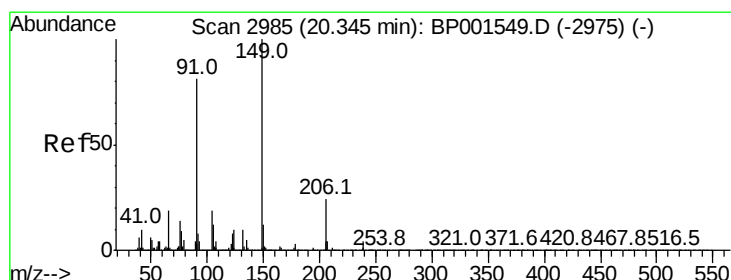
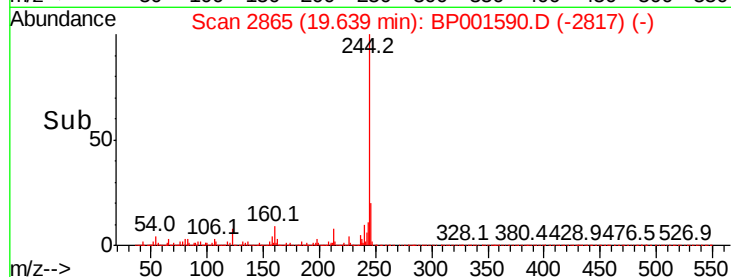
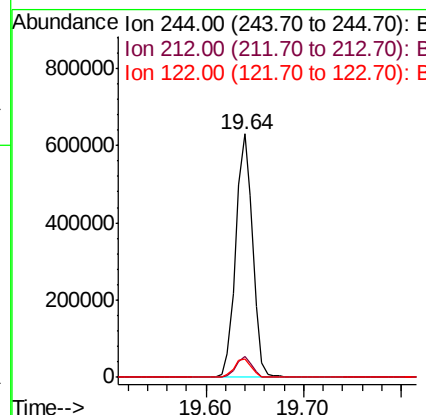
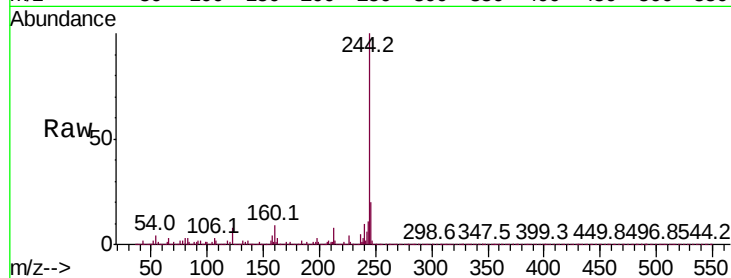




#79
 Terphenyl-d14
 Concen: 76.386 ng
 RT: 19.64 min Scan# 2865
 Delta R.T. -0.02 min
 Lab File: BP001590.D
 Acq: 14 Jan 2020 16:35

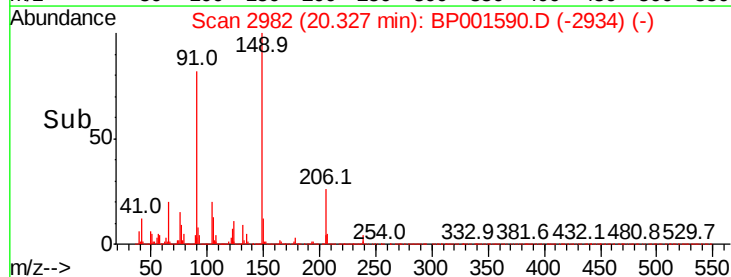
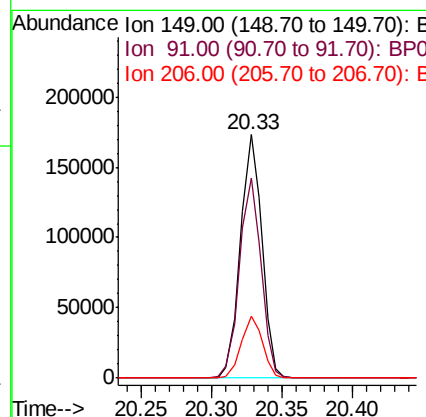
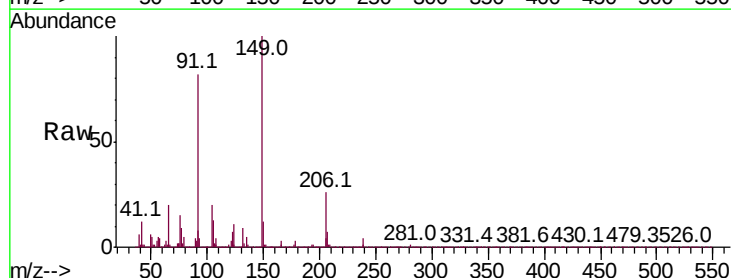
Instrument :
 BNA_P
 ClientSampleId :

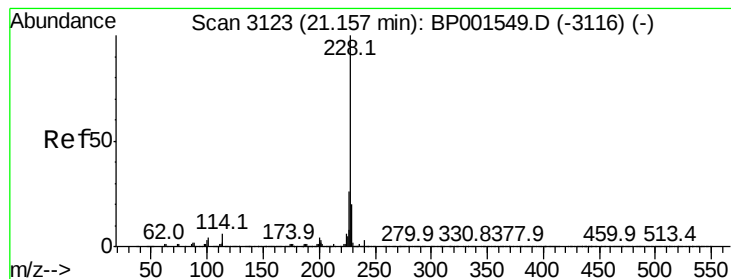
Tot Ion:	244	Resp:	751585
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.3	9.5
122	7.5	5.8	8.6



#80
 Butylbenzylphthalate
 Concen: 36.786 ng
 RT: 20.33 min Scan# 2982
 Delta R.T. -0.02 min
 Lab File: BP001590.D
 Acq: 14 Jan 2020 16:35

Tgt Ion:	149	Resp:	184830
Ion	Ratio	Lower	Upper
149	100		
91	82.3	64.8	97.2
206	25.6	19.4	29.0





#81

Benzo(a)anthracene

Concen: 36.523 ng

RT: 21.14 min Scan# 3120

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Instrument :

BNA_P

ClientSampled :

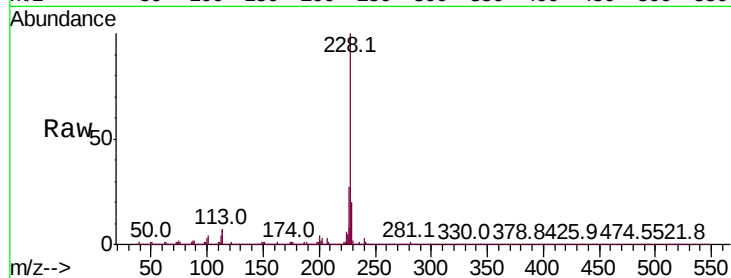
Tot Ion:228 Resp: 457762

Ion Ratio Lower Upper

228 100

226 26.7 21.2 31.8

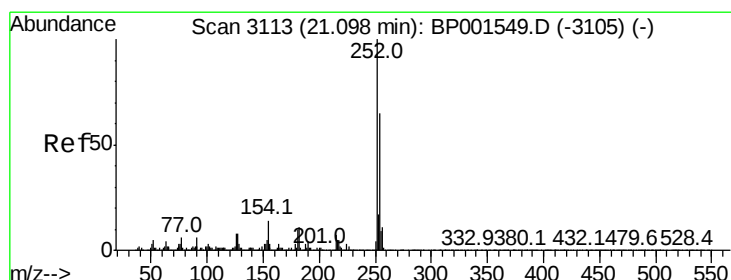
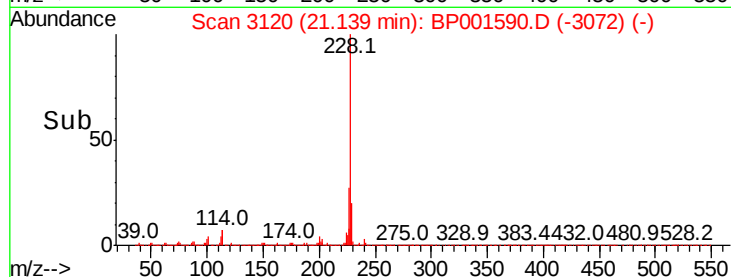
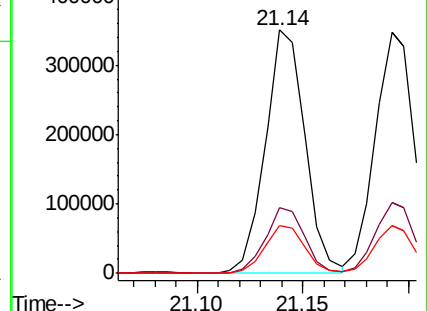
229 19.7 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.878 ng

RT: 21.08 min Scan# 3110

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

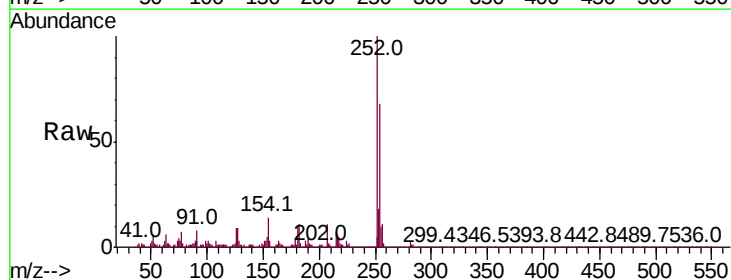
Tgt Ion:252 Resp: 159225

Ion Ratio Lower Upper

252 100

254 67.7 52.2 78.2

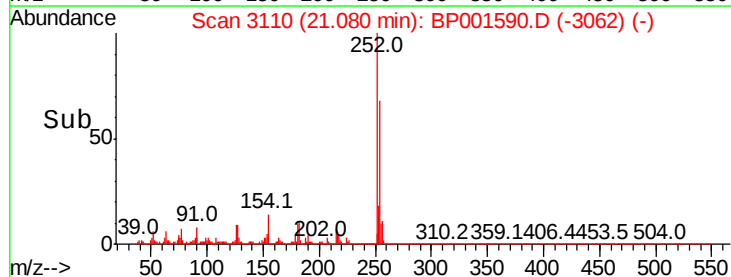
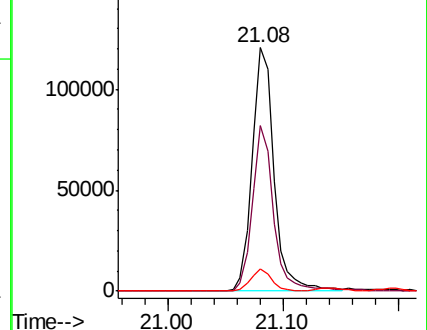
126 9.2 6.6 9.8

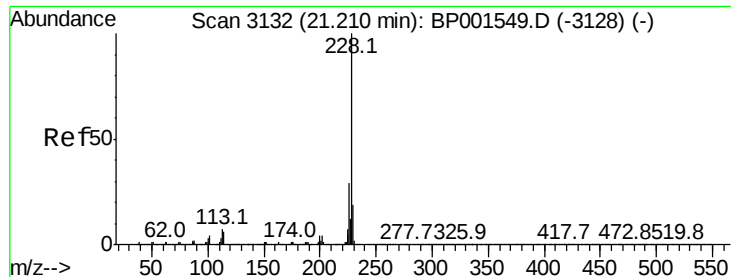


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.105 ng

RT: 21.19 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Instrument :

BNA_P

ClientSampleId :

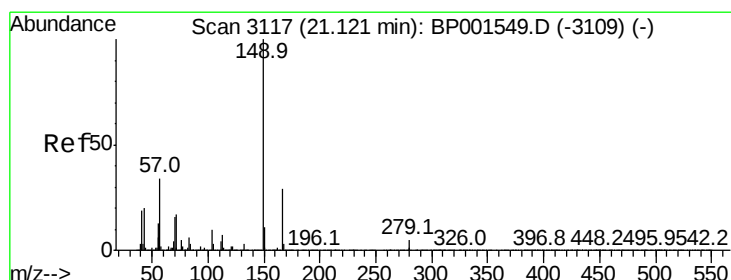
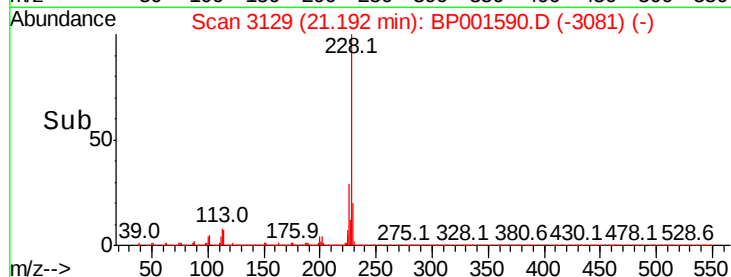
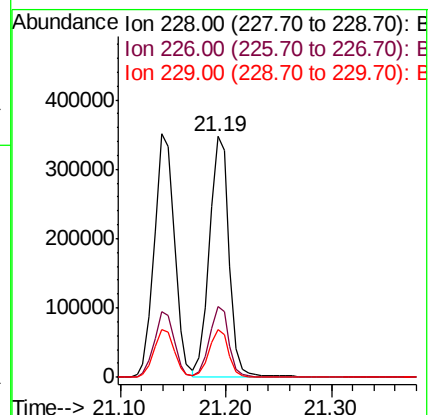
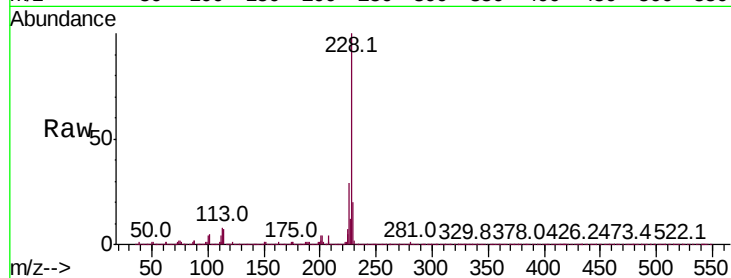
Tot Ion:228 Resp: 453213

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	19.8	15.2	22.8

228 100

226 29.4 23.2 34.8

229 19.8 15.2 22.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.054 ng

RT: 21.10 min Scan# 3114

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

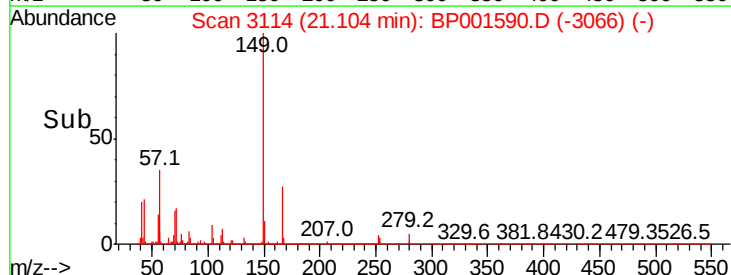
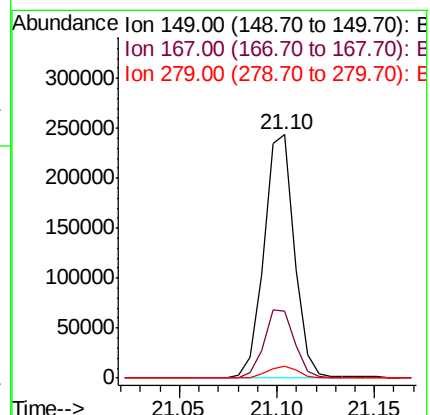
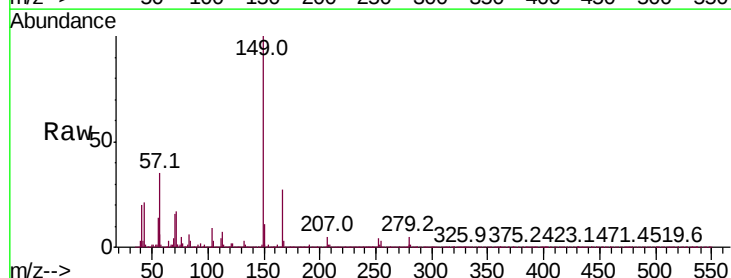
Tgt Ion:149 Resp: 262114

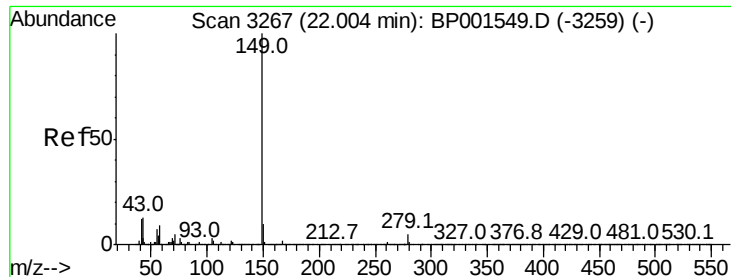
Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.5	35.3
279	4.7	4.0	6.0

149 100

167 27.5 23.5 35.3

279 4.7 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 37.253 ng

RT: 21.98 min Scan# 3263

Delta R.T. -0.02 min

Lab File: BP001590.D

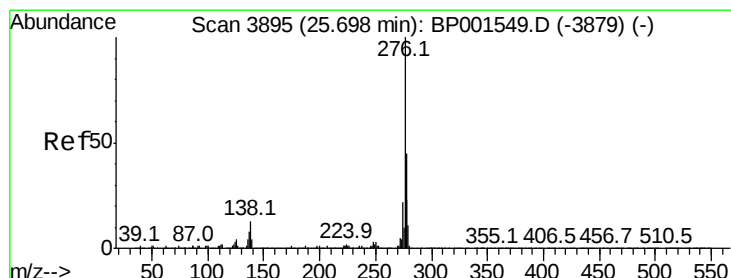
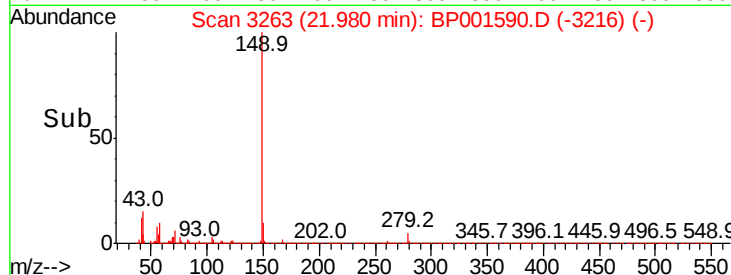
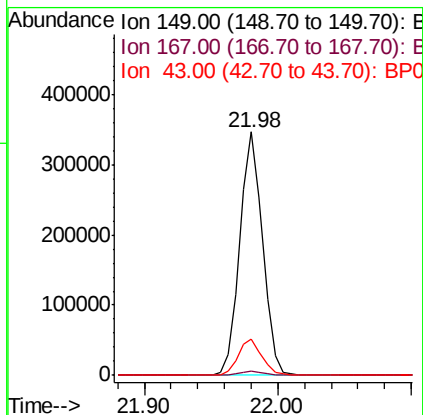
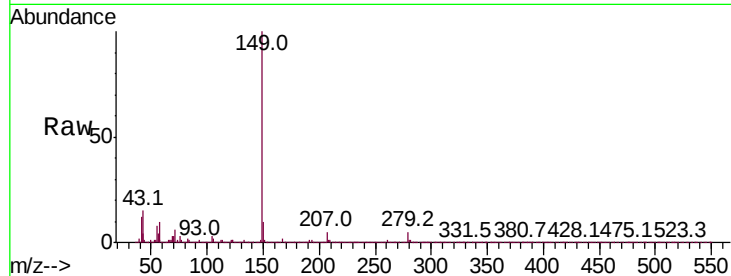
Acq: 14 Jan 2020 16:35

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	149	Resp:	409139
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	15.0	10.7	16.1



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.536 ng

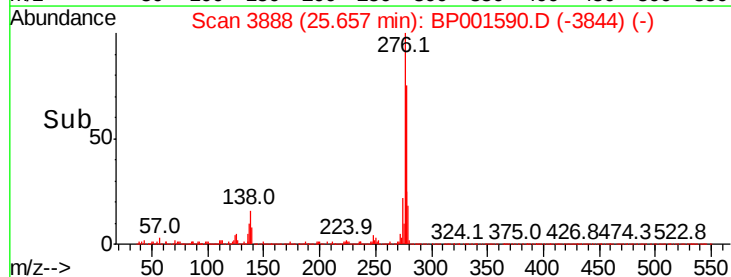
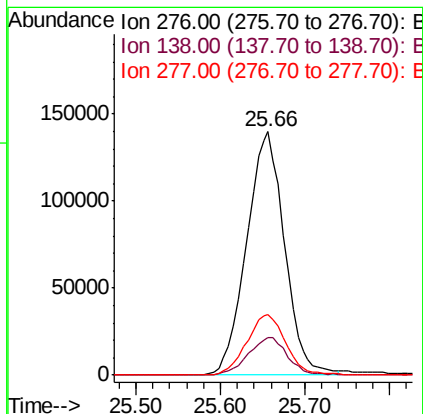
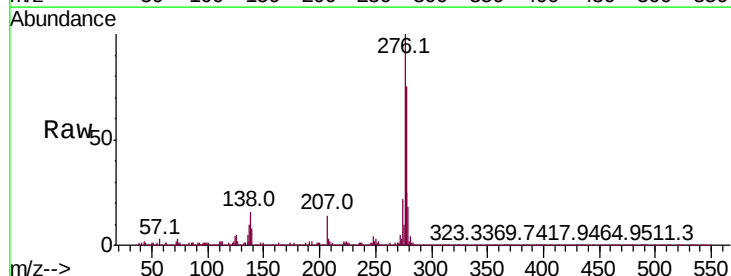
RT: 25.66 min Scan# 3888

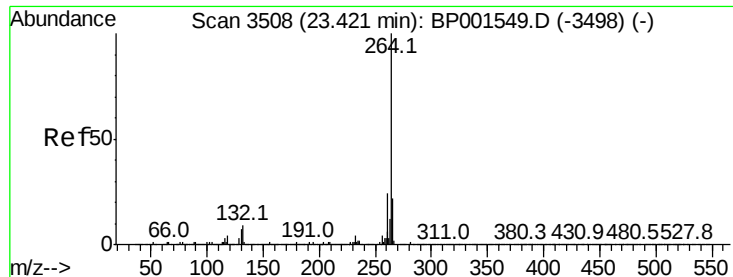
Delta R.T. -0.04 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Tgt Ion:	276	Resp:	436596
Ion	Ratio	Lower	Upper
276	100		
138	16.1	11.1	16.7
277	25.9	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.39 min Scan# 3503

Delta R.T. -0.03 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

Instrument :

BNA_P

ClientSampleId :

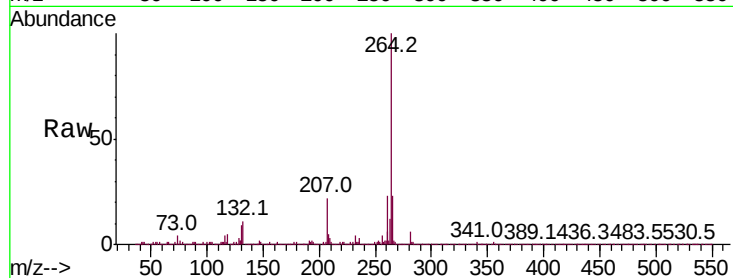
Tot Ion:264 Resp: 173274

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.8	18.2	27.4

264 100

260 23.4 19.0 28.6

265 22.8 18.2 27.4

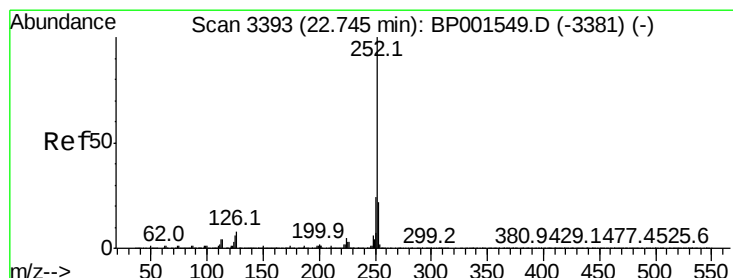
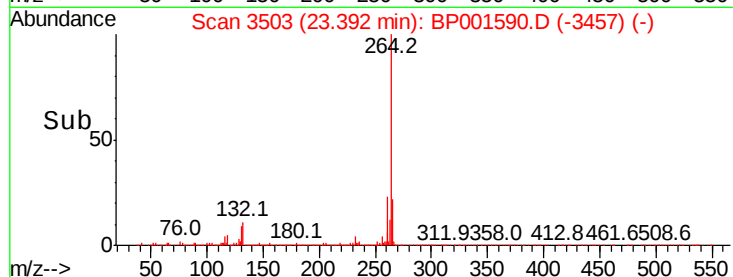
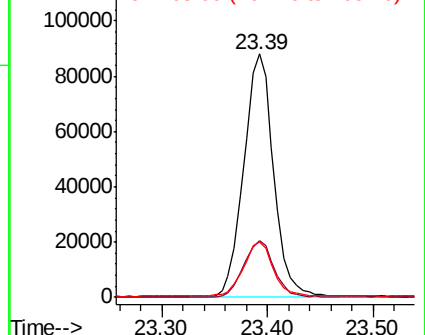


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.500 ng

RT: 22.72 min Scan# 3389

Delta R.T. -0.02 min

Lab File: BP001590.D

Acq: 14 Jan 2020 16:35

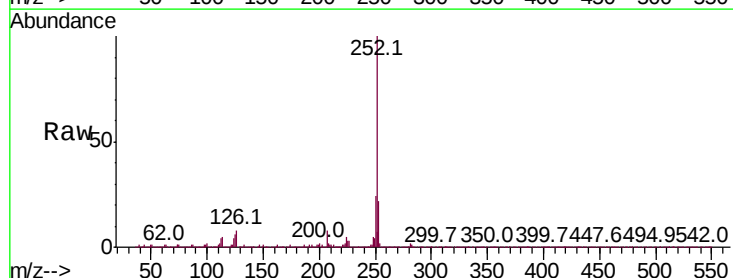
Tgt Ion:252 Resp: 431291

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	6.1	4.6	7.0

252 100

253 21.7 17.6 26.4

125 6.1 4.6 7.0

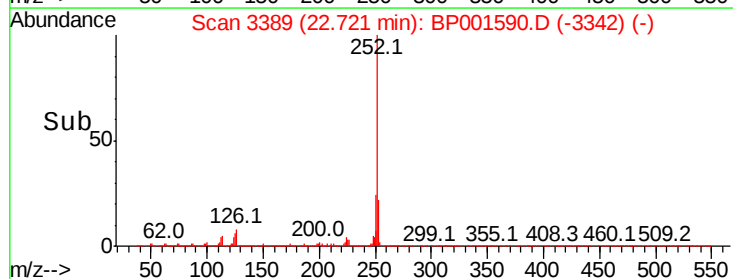
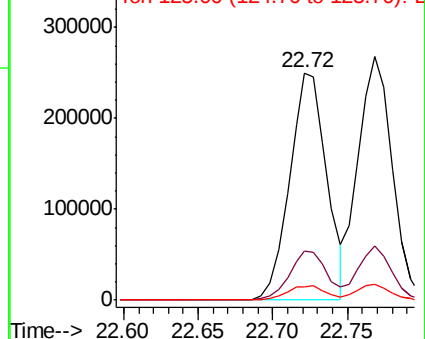


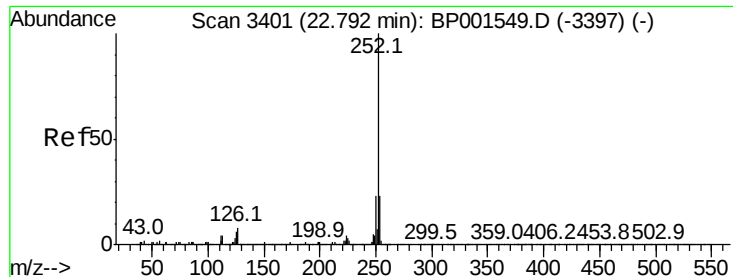
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

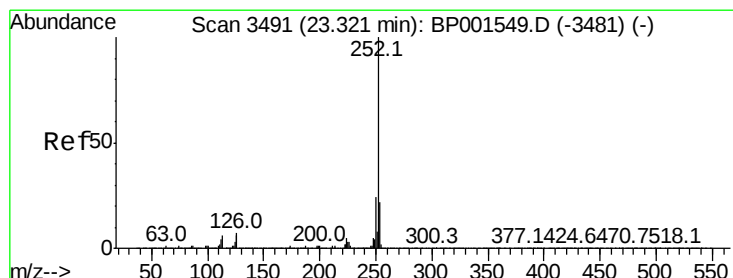
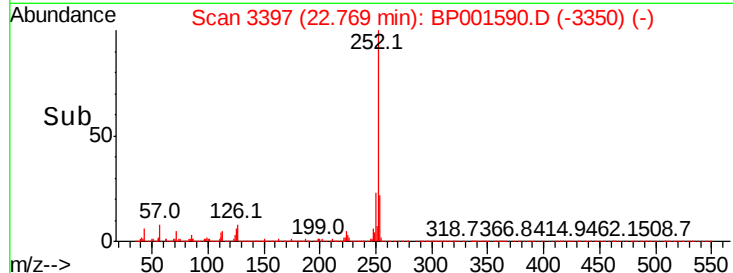
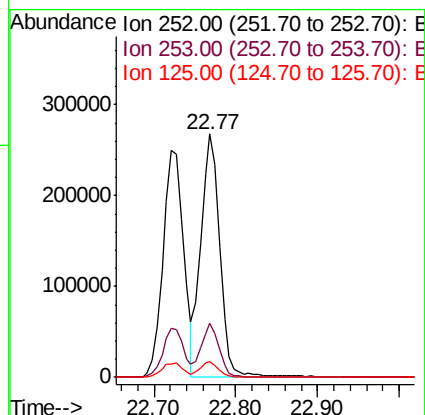
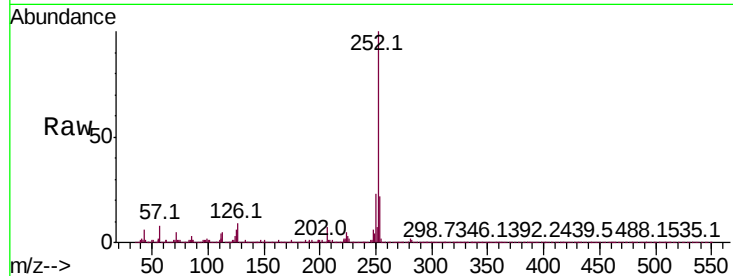




#89
Benzo(k)fluoranthene
Concen: 40.676 ng
RT: 22.77 min Scan# 3397
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

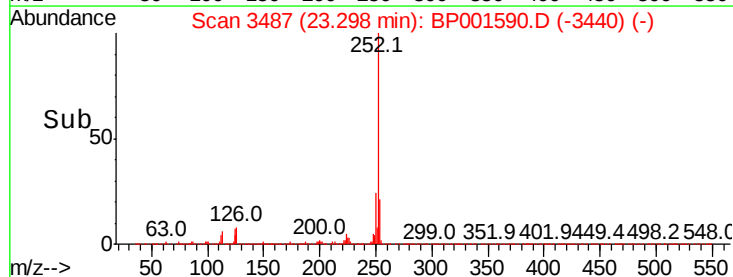
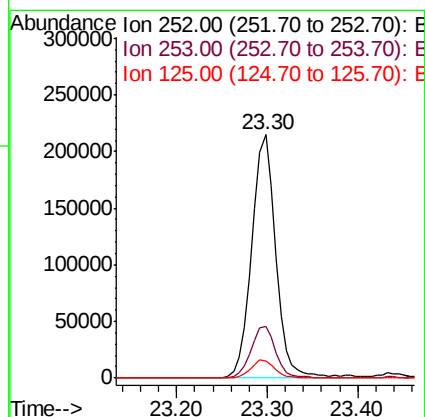
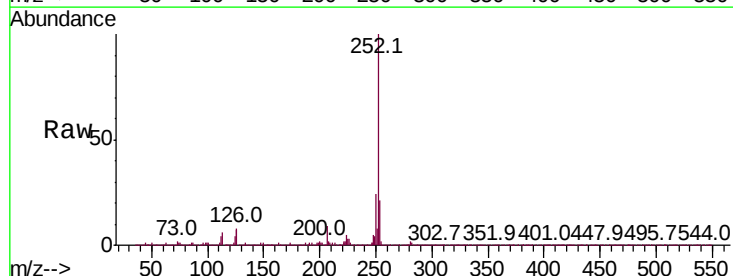
Instrument :
BNA_P
ClientSampleId :

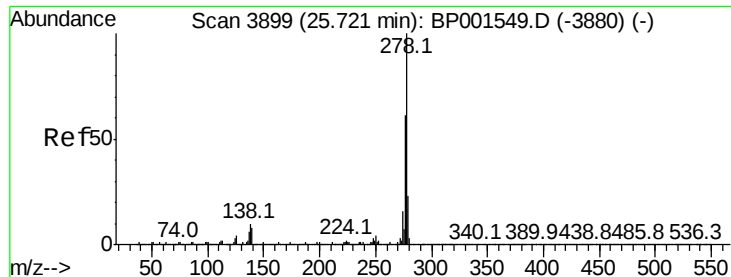
Tot Ion:252 Resp: 433033
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 6.4 4.6 6.8



#90
Benzo(a)pyrene
Concen: 37.990 ng
RT: 23.30 min Scan# 3487
Delta R.T. -0.02 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion:252 Resp: 393853
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 7.0 5.0 7.4

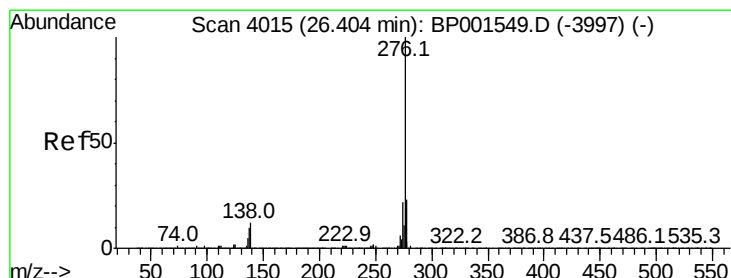
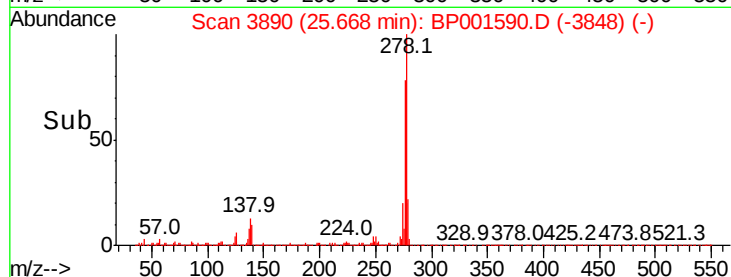
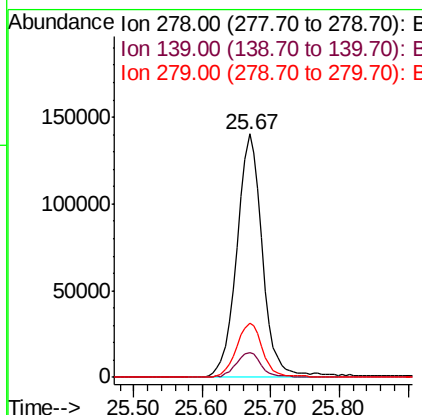
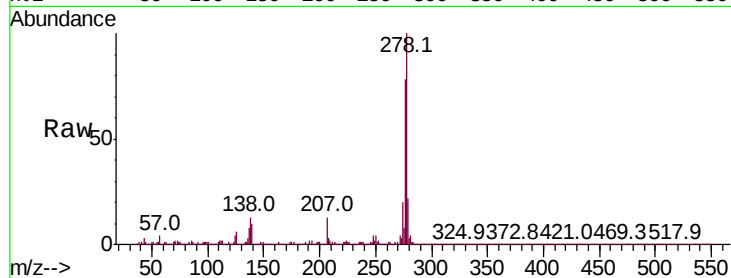




#91
Dibenzo(a,h)anthracene
Concen: 34.065 ng
RT: 25.67 min Scan# 3890
Delta R.T. -0.05 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.4	6.7	10.1#
279	22.3	18.6	28.0



#92
Benzo(g,h,i)perylene
Concen: 34.185 ng
RT: 26.34 min Scan# 4004
Delta R.T. -0.06 min
Lab File: BP001590.D
Acq: 14 Jan 2020 16:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	13.8	9.4	14.2

