

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
 Data File : BP001509.D
 Acq On : 03 Jan 2020 15:55
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP010320

Quant Time: Jan 03 16:26:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 15:57:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	65886	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	245766	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	158395	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	348066	20.00	ng	0.00
76) Chrysene-d12	21.21	240	339398	20.00	ng	0.00
87) Perylene-d12	23.47	264	401486	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	313441	79.92	ng	0.00
7) Phenol-d6	6.88	99	417175	78.98	ng	0.00
23) Nitrobenzene-d5	8.85	82	412254	82.85	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	145109	80.95	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	853851	79.26	ng	0.00
79) Terphenyl-d14	19.69	244	1303547	76.54	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	67245	40.785	ng	# 69
3) Pyridine	3.66	79	198994	39.706	ng	96
4) n-Nitrosodimethylamine	3.58	42	84746	39.996	ng	96
6) Aniline	7.03	93	269795	39.656	ng	100
8) 2-Chlorophenol	7.27	128	162665	40.013	ng	98
9) Benzaldehyde	6.85	77	110816	38.078	ng	99
10) Phenol	6.90	94	218654	39.349	ng	99
11) bis(2-Chloroethyl)ether	7.14	93	173577	39.672	ng	96
12) 1,3-Dichlorobenzene	7.60	146	200463	40.257	ng	99
13) 1,4-Dichlorobenzene	7.74	146	200843	40.137	ng	99
14) 1,2-Dichlorobenzene	8.06	146	189902	39.597	ng	99
15) Benzyl Alcohol	7.94	79	165496	38.979	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.25	45	234904	38.365	ng	97
17) 2-Methylphenol	8.15	107	143350	39.469	ng	97
18) Hexachloroethane	8.79	117	76643	40.292	ng	99
19) n-Nitroso-di-n-propylamine	8.52	70	134241	39.001	ng	98
20) 3+4-Methylphenols	8.47	107	193103	39.476	ng	98
22) Acetophenone	8.52	105	272247	39.380	ng	98
24) Nitrobenzene	8.89	77	203951	39.796	ng	95
25) Isophorone	9.42	82	366387	38.564	ng	99
26) 2-Nitrophenol	9.60	139	78324	42.820	ng	97
27) 2,4-Dimethylphenol	9.67	122	129883	39.219	ng	99
28) bis(2-Chloroethoxy)methane	9.91	93	231173	38.796	ng	99
29) 2,4-Dichlorophenol	10.13	162	158545	39.076	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	191850	39.711	ng	99
31) Naphthalene	10.53	128	501685	38.809	ng	99
32) Benzoic acid	9.80	122	87445	39.695	ng	96
33) 4-Chloroaniline	10.64	127	220771	39.247	ng	98
34) Hexachlorobutadiene	10.85	225	128494	40.195	ng	96
35) Caprolactam	11.40	113	51603	38.137	ng	98
36) 4-Chloro-3-methylphenol	11.77	107	174987	39.344	ng	99
37) 2-Methylnaphthalene	12.16	142	360105	39.082	ng	100
38) 1-Methylnaphthalene	12.38	142	340062	39.016	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	206434	39.038	ng	98

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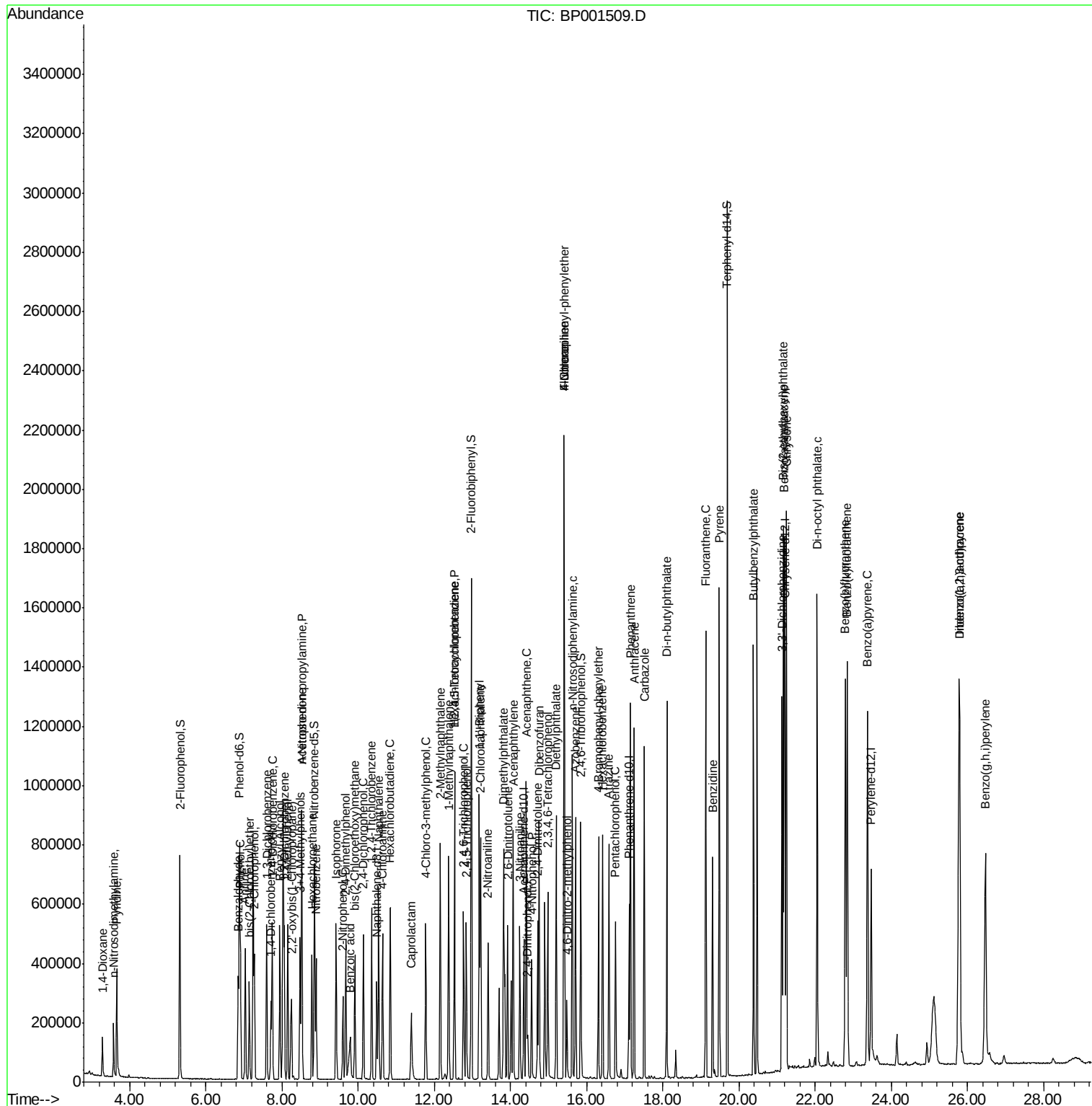
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	109435	40.088	nq	100
43) 2,4,6-Trichlorophenol	12.77	196	130624	39.457	nq	99
44) 2,4,5-Trichlorophenol	12.84	196	135720	39.414	nq	96
46) 1,1'-Biphenyl	13.18	154	468689	39.150	nq	100
47) 2-Chloronaphthalene	13.22	162	381748	38.826	nq	98
48) 2-Nitroaniline	13.41	65	120919	42.099	nq	98
49) Acenaphthylene	14.07	152	579782	38.879	nq	99
50) Dimethylphthalate	13.82	163	477936	38.601	nq	100
51) 2,6-Dinitrotoluene	13.92	165	97922	40.214	nq	100
52) Acenaphthene	14.42	154	371279	39.672	nq	99
53) 3-Nitroaniline	14.25	138	108890	39.650	nq	96
54) 2,4-Dinitrophenol	14.45	184	38393	41.431	nq	96
55) Dibenzofuran	14.76	168	563388	39.300	nq	99
56) 4-Nitrophenol	14.56	139	83476	40.646	nq	98
57) 2,4-Dinitrotoluene	14.71	165	138018	42.042	nq	98
58) Fluorene	15.40	166	424344	38.861	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.98	232	119991	39.925	nq	99
60) Diethylphthalate	15.20	149	489752	39.296	nq	99
61) 4-Chlorophenyl-phenylether	15.41	204	231873	39.369	nq	96
62) 4-Nitroaniline	15.42	138	111257	40.358	nq	92
63) Azobenzene	15.70	77	466354	38.733	nq	99
65) 4,6-Dinitro-2-methylphenol	15.48	198	53840	41.288	nq	98
66) n-Nitrosodiphenylamine	15.62	169	391535	38.816	nq	99
67) 4-Bromophenyl-phenylether	16.31	248	150584	39.063	nq	97
68) Hexachlorobenzene	16.42	284	168383	38.829	nq	97
69) Atrazine	16.59	200	141226	39.508	nq	100
70) Pentachlorophenol	16.76	266	90154	40.408	nq	97
71) Phenanthrene	17.15	178	736348	39.005	nq	99
72) Anthracene	17.25	178	724529	38.723	nq	98
73) Carbazole	17.51	167	679399	39.242	nq	99
74) Di-n-butylphthalate	18.10	149	855859	38.948	nq	99
75) Fluoranthene	19.13	202	910018	39.820	nq	99
77) Benzidine	19.31	184	387457	49.927	nq	97
78) Pyrene	19.48	202	932961	37.881	nq	99
80) Butylbenzylphthalate	20.38	149	408078	38.513	nq	94
81) Benzo(a)anthracene	21.19	228	924280	38.812	nq	100
82) 3,3'-Dichlorobenzidine	21.13	252	340496	40.280	nq	96
83) Chrysene	21.24	228	889217	38.943	nq	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	606417	39.055	nq	99
85) Di-n-octyl phthalate	22.05	149	1050483	38.900	nq	100
86) Indeno(1,2,3-cd)pyrene	25.78	276	1094849	39.397	nq	99
88) Benzo(b)fluoranthene	22.80	252	955488	38.436	nq	99
89) Benzo(k)fluoranthene	22.84	252	942652	39.587	nq	100
90) Benzo(a)pyrene	23.37	252	900929	38.716	nq	99
91) Dibenzo(a,h)anthracene	25.80	278	905234	39.141	nq	98
92) Benzo(g,h,i)perylene	26.47	276	899200	38.982	nq	100

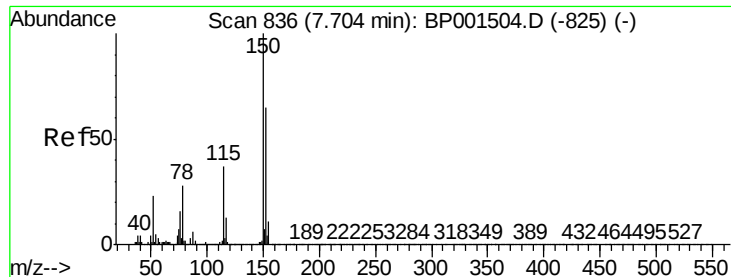
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.70 min Scan# 836

Delta R.T. 0.00 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampleId :

ICVBP010320

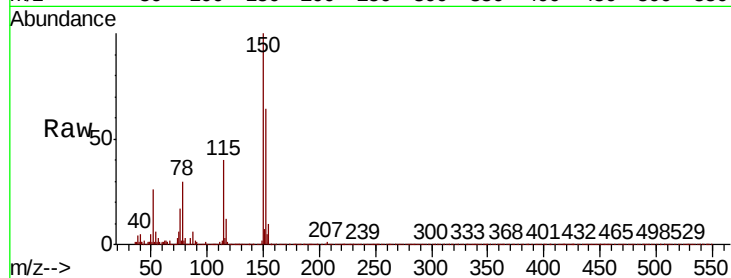
Tot Ion:152 Resp: 65886

Ion Ratio Lower Upper

152 100

150 157.3 123.6 185.4

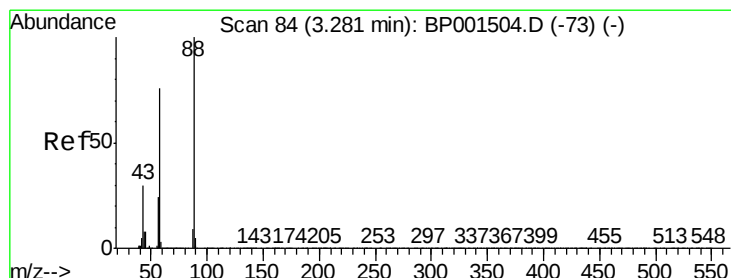
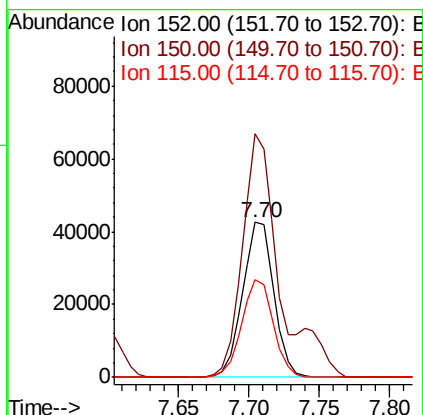
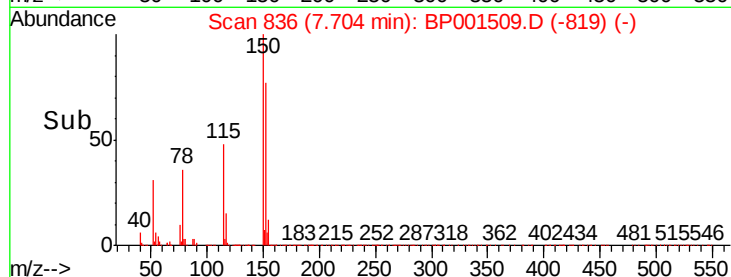
115 62.9 45.8 68.6



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: 40.785 ng

RT: 3.28 min Scan# 84

Delta R.T. 0.00 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

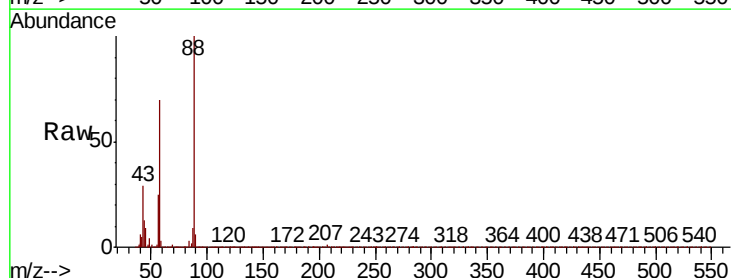
Tgt Ion: 88 Resp: 67245

Ion Ratio Lower Upper

88 100

58 72.3 0.1 0.1#

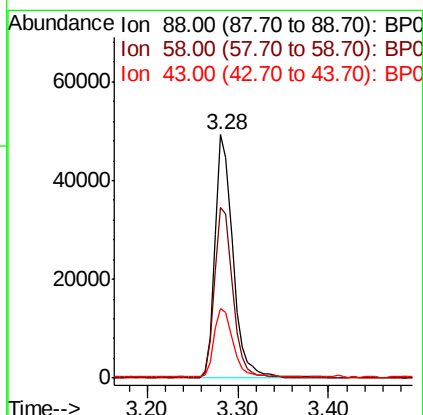
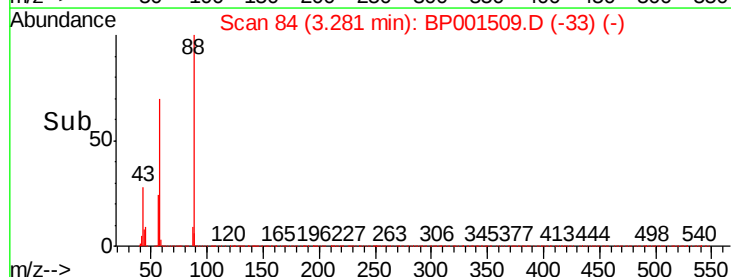
43 30.6 0.0 0.0#

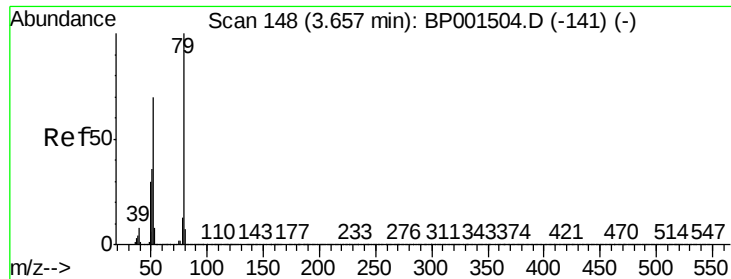


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

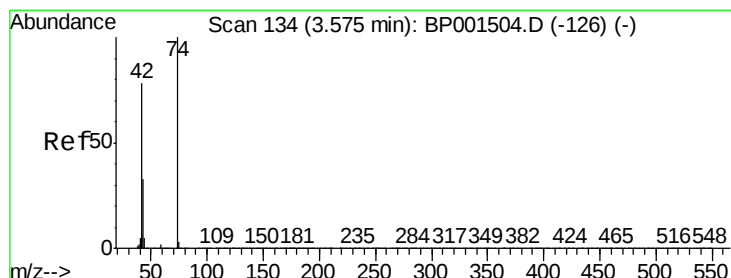
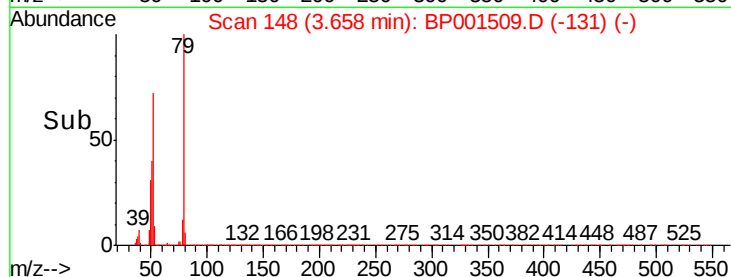
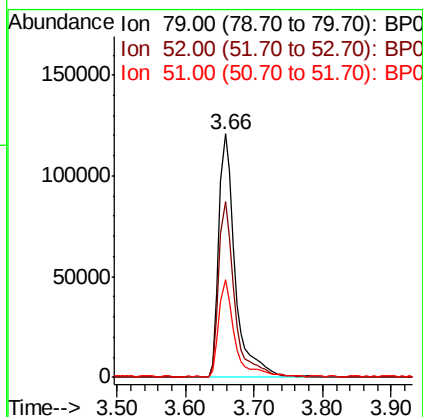
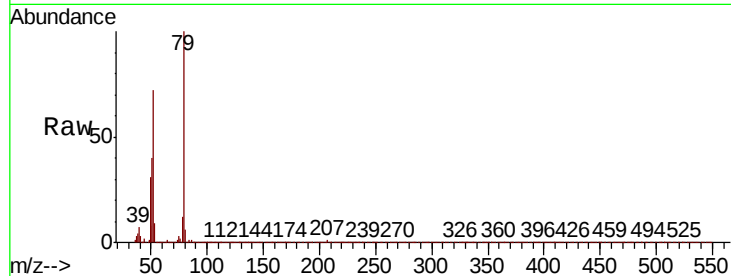




#3
 Pvridine
 Concen: 39.706 ng
 RT: 3.66 min Scan# 148
 Delta R.T. 0.00 min
 Lab File: BP001509.D
 Acq: 03 Jan 2020 15:55

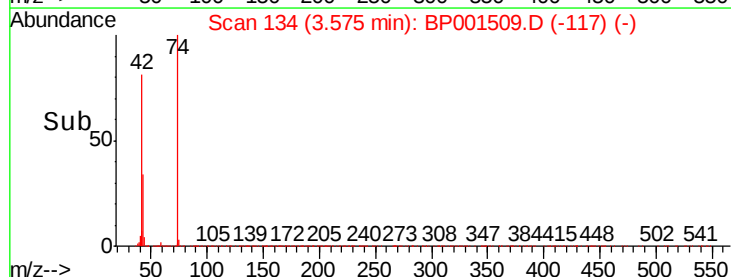
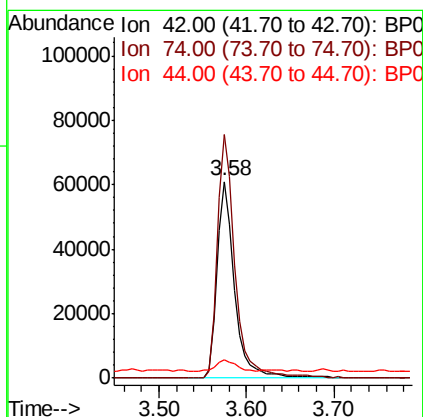
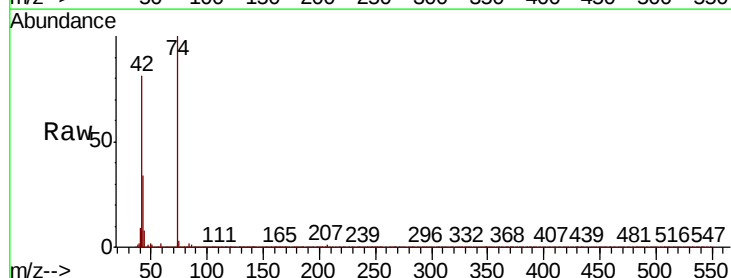
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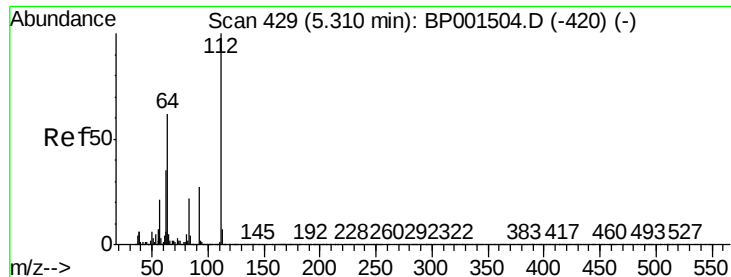
Tot Ion: 79 Resp: 198994
 Ion Ratio Lower Upper
 79 100
 52 72.4 55.6 83.4
 51 40.0 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 39.996 ng
 RT: 3.58 min Scan# 134
 Delta R.T. 0.00 min
 Lab File: BP001509.D
 Acq: 03 Jan 2020 15:55

Tgt Ion: 42 Resp: 84746
 Ion Ratio Lower Upper
 42 100
 74 123.7 102.6 153.8
 44 9.4 7.5 11.3





#5

2-Fluorophenol

Concen: 79.923 ng

RT: 5.32 min Scan# 430

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampleId :

ICVBP010320

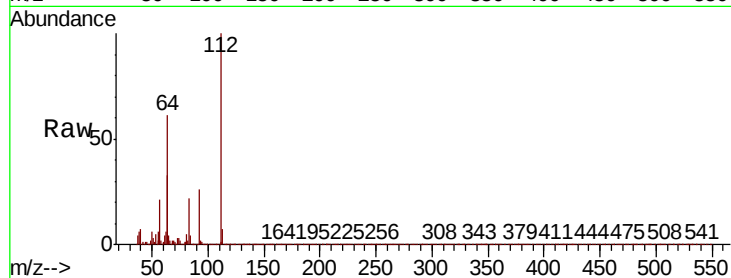
Tot Ion:112 Resp: 313441

Ion Ratio Lower Upper

112 100

64 60.5 49.7 74.5

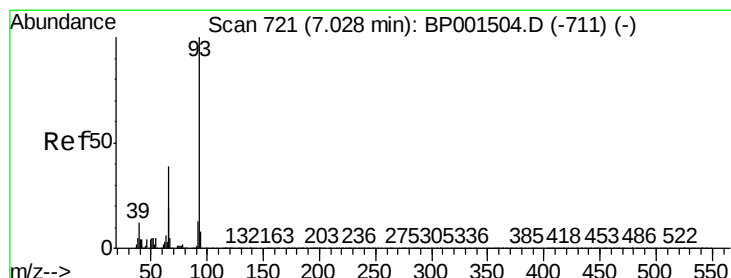
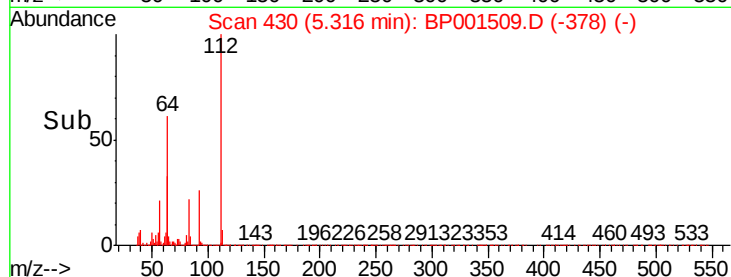
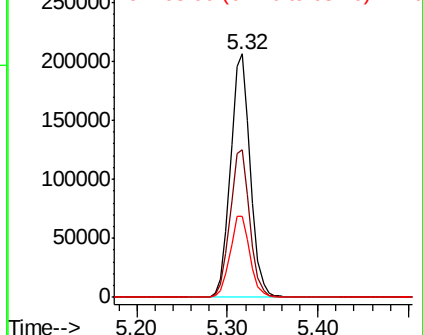
63 33.2 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 39.656 ng

RT: 7.03 min Scan# 722

Delta R.T. 0.01 min

Lab File: BP001509.D

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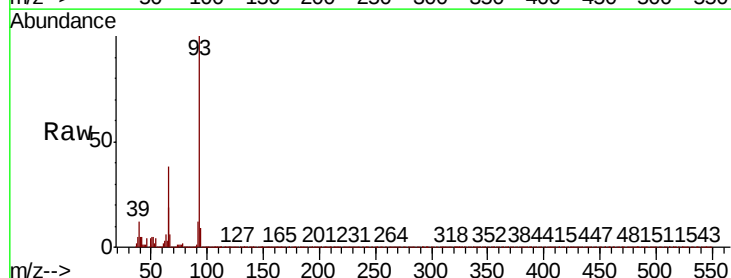
Tgt Ion: 93 Resp: 269795

Ion Ratio Lower Upper

93 100

66 38.5 31.0 46.4

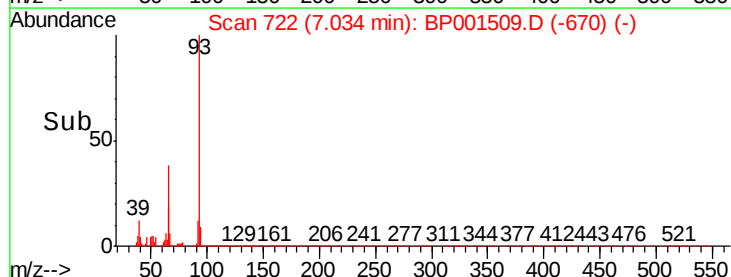
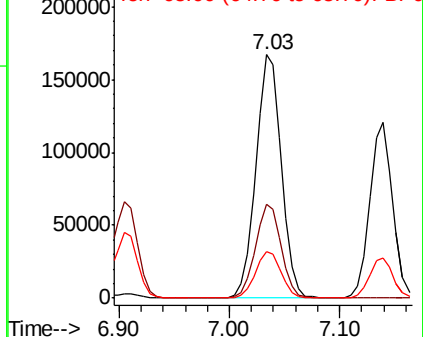
65 19.3 15.3 22.9

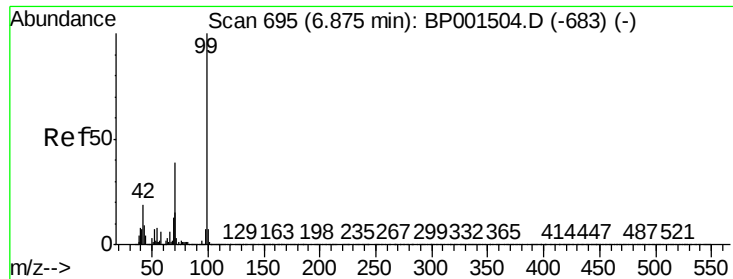


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 78.976 ng

RT: 6.88 min Scan# 696

Delta R.T. 0.01 min

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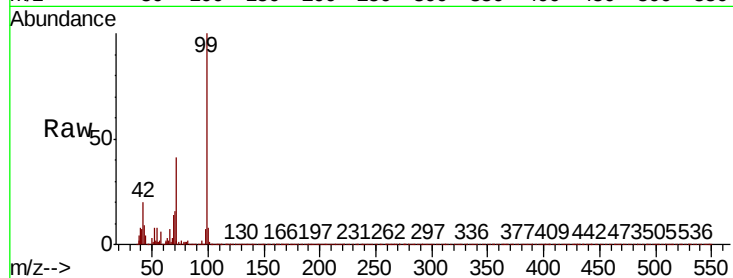
Tot Ion: 99 Resp: 417175

Ion Ratio Lower Upper

99 100

42 20.2 15.3 22.9

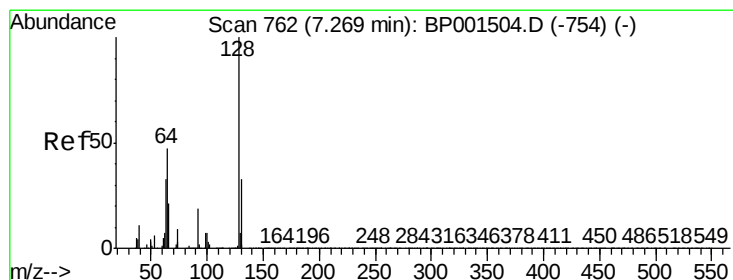
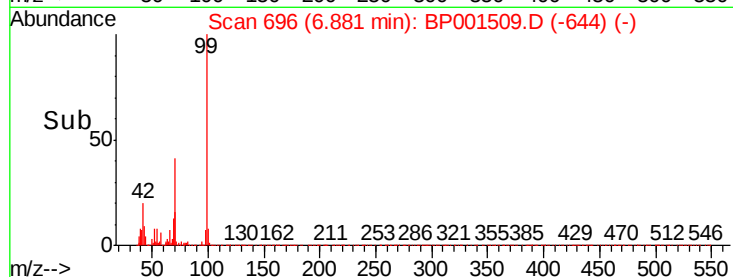
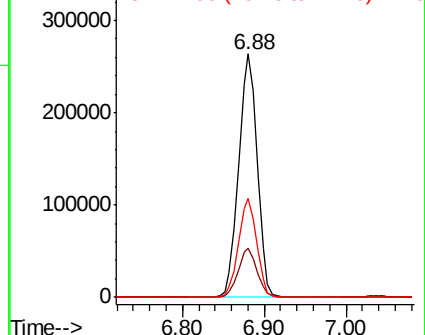
71 40.9 30.9 46.3



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: 40.013 ng

RT: 7.27 min Scan# 763

Delta R.T. 0.01 min

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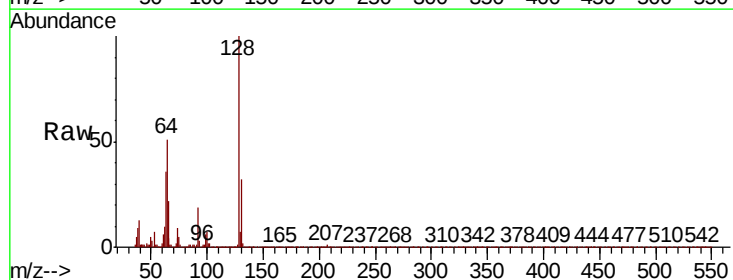
Tgt Ion: 128 Resp: 162665

Ion Ratio Lower Upper

128 100

130 32.3 13.2 53.2

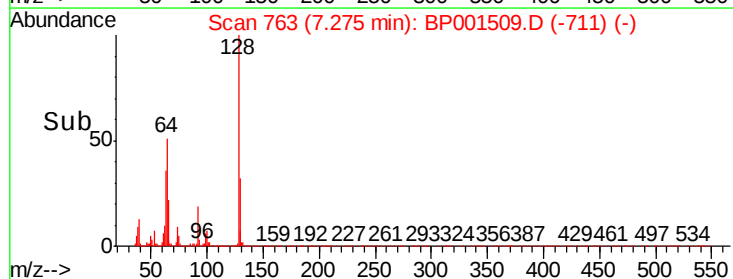
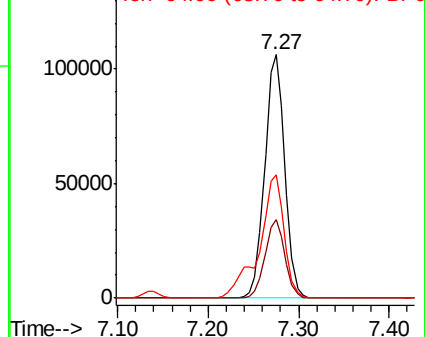
64 50.5 31.9 71.9

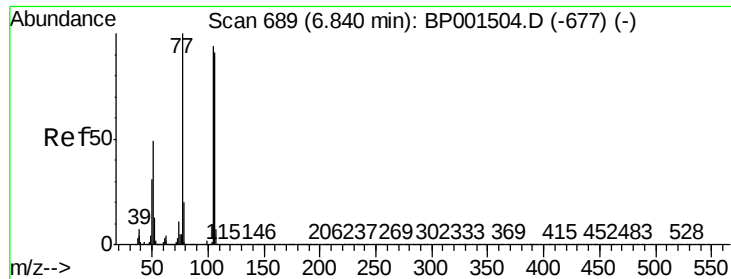


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0

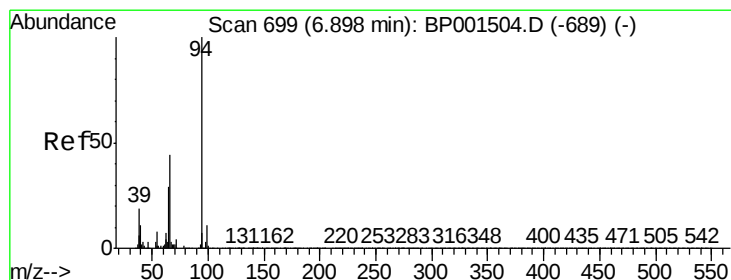
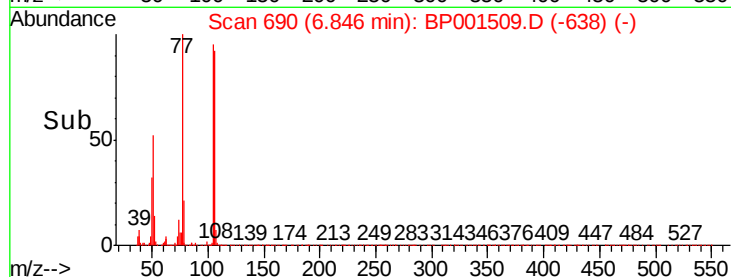
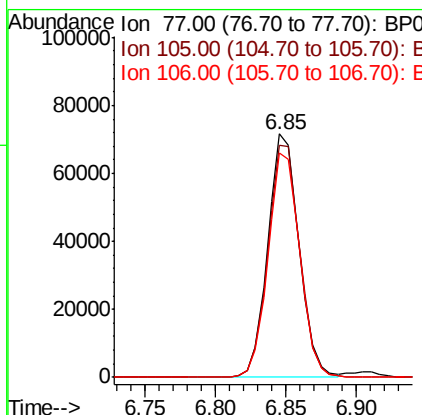
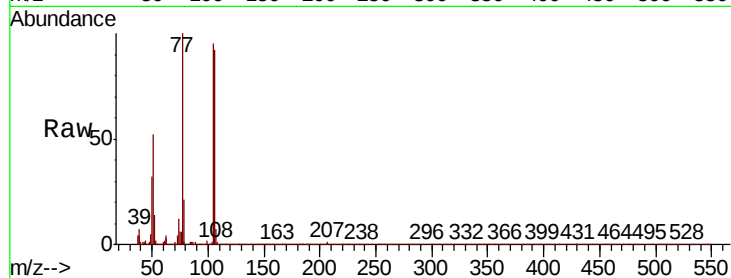




#9
Benzaldehyde
Concen: 38.078 ng
RT: 6.85 min Scan# 690
Delta R.T. 0.01 min
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Acq: 03 Jan 2020 15:55

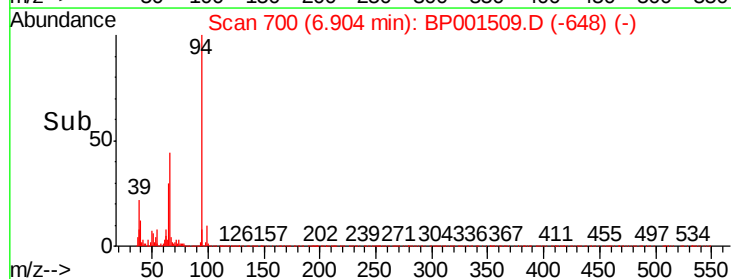
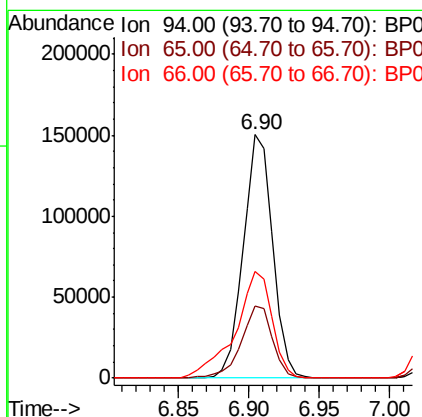
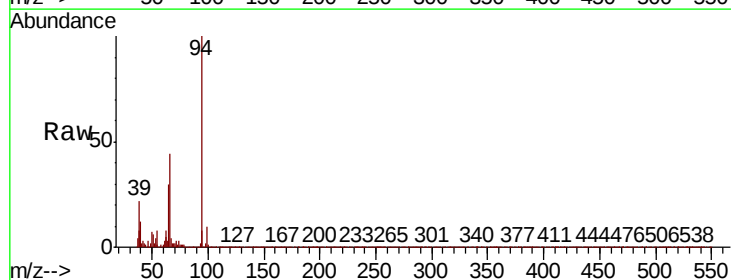
Instrument :
BNA_P
ClientSampleId :
ICVBP010320

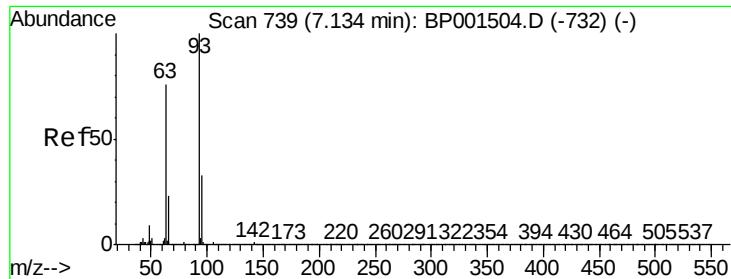
Tot Ion: 77 Resp: 110816
Ion Ratio Lower Upper
77 100
105 95.1 74.0 114.0
106 91.9 70.9 110.9



#10
Phenol
Concen: 39.349 ng
RT: 6.90 min Scan# 700
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion: 94 Resp: 218654
Ion Ratio Lower Upper
94 100
65 29.8 9.2 49.2
66 43.9 23.8 63.8

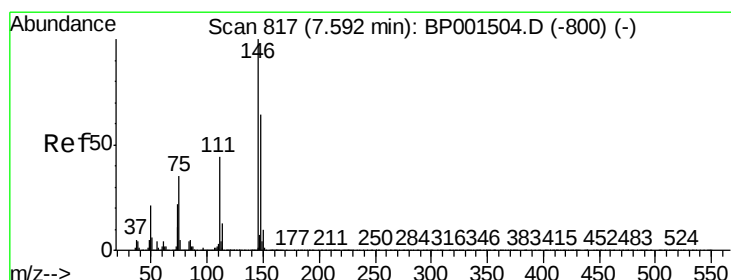
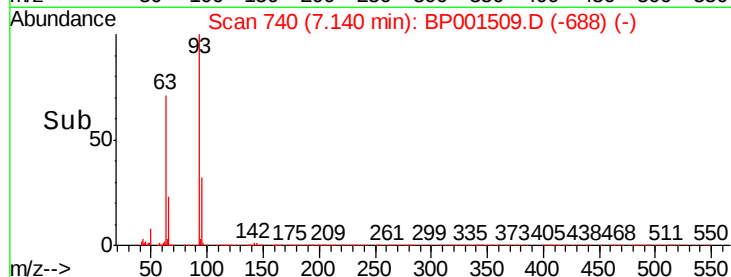
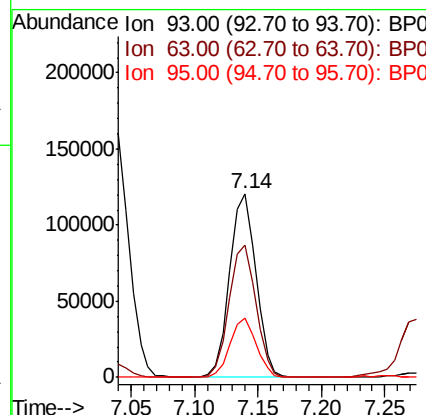
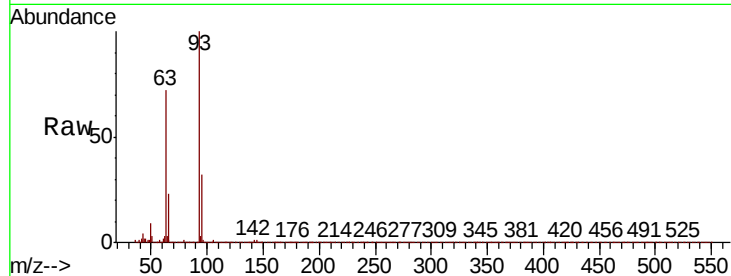




#11
bis(2-Chloroethyl)ether
Concen: 39.672 ng
RT: 7.14 min Scan# 740
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

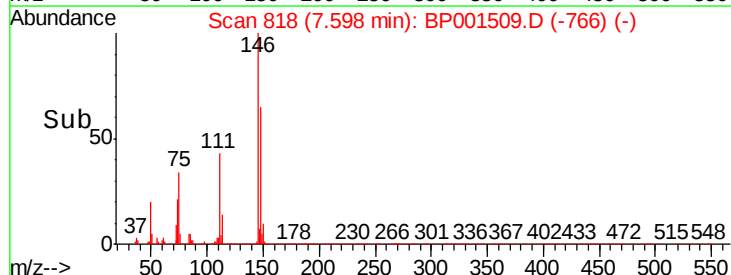
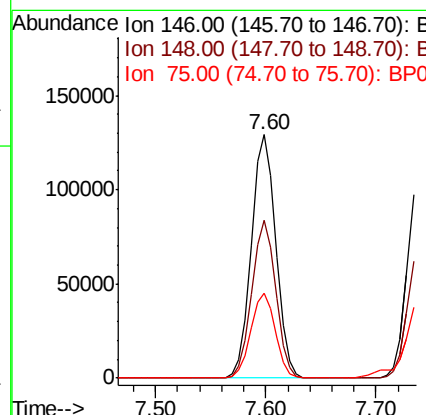
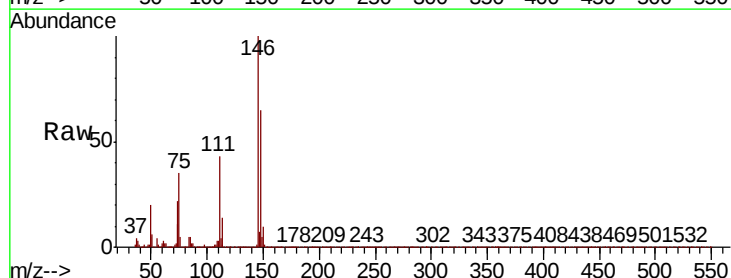
Instrument :
BNA_P
ClientSampleId :
ICVBP010320

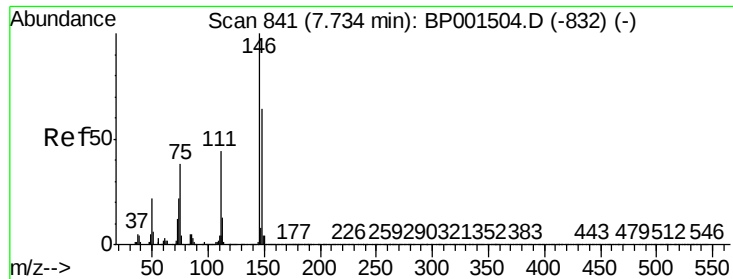
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.9	56.1	96.1
95	32.3	13.2	53.2



#12
1,3-Dichlorobenzene
Concen: 40.257 ng
RT: 7.60 min Scan# 818
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.6
75	35.1	28.2	42.2

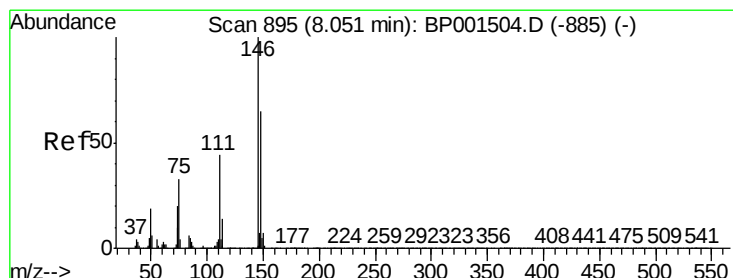
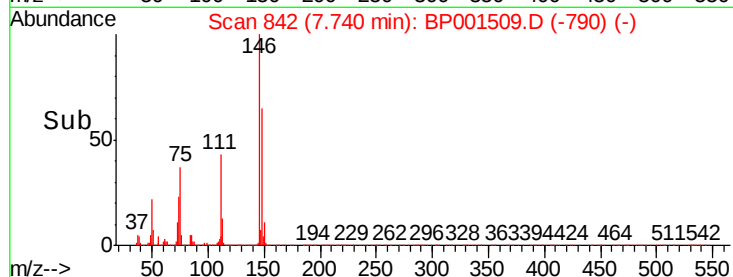
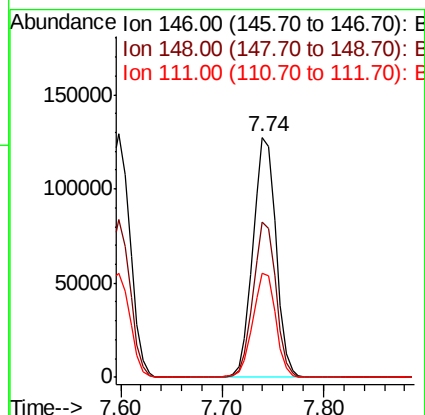
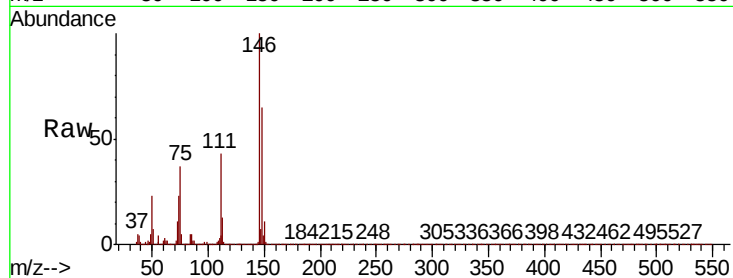




#13
1,4-Dichlorobenzene
Concen: 40.137 ng
RT: 7.74 min Scan# 842
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

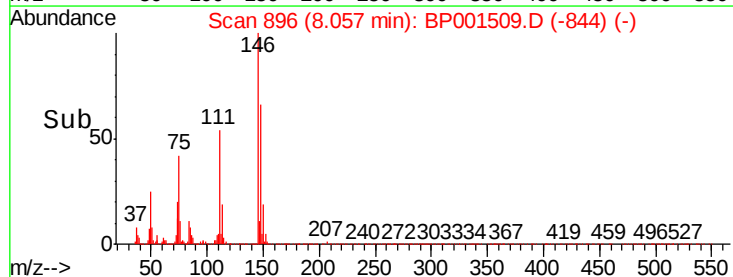
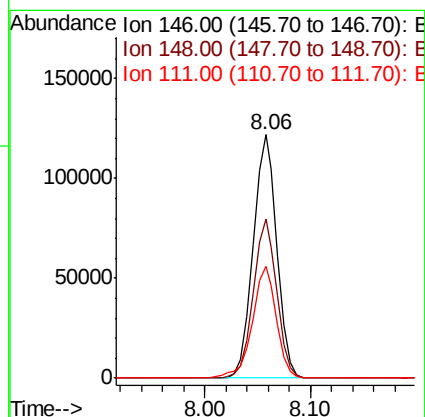
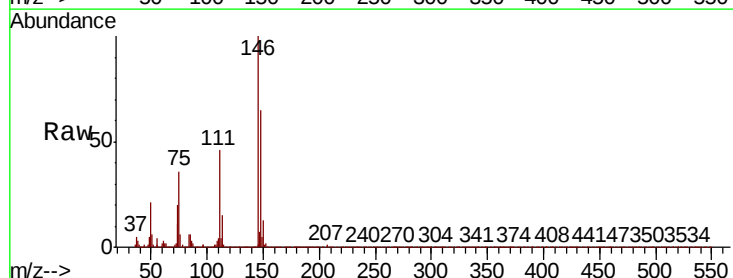
Instrument :
BNA_P
ClientSampleId :
ICVBP010320

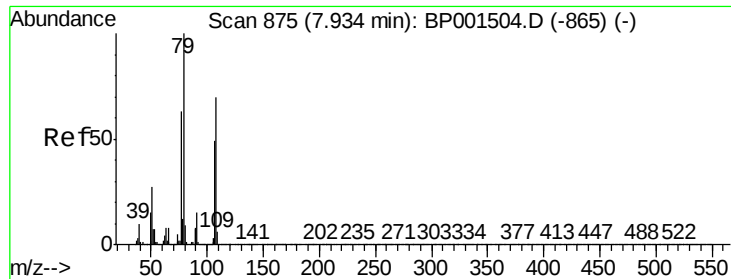
Tot Ion:146 Resp: 200843
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.2
111 43.5 35.4 53.0



#14
1,2-Dichlorobenzene
Concen: 39.597 ng
RT: 8.06 min Scan# 896
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion:146 Resp: 189902
Ion Ratio Lower Upper
146 100
148 65.2 52.0 78.0
111 45.9 35.3 52.9

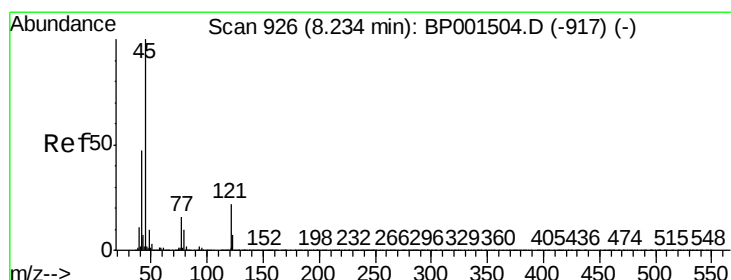
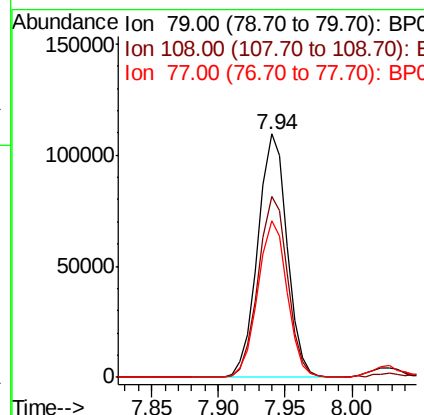
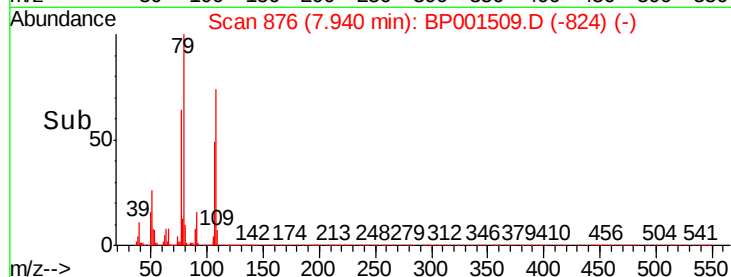
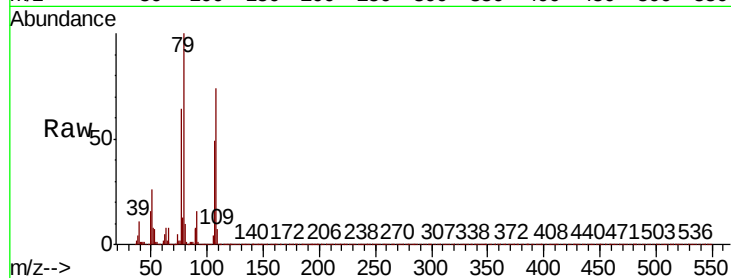




#15
Benzyl Alcohol
Concen: 38.979 ng
RT: 7.94 min Scan# 876
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

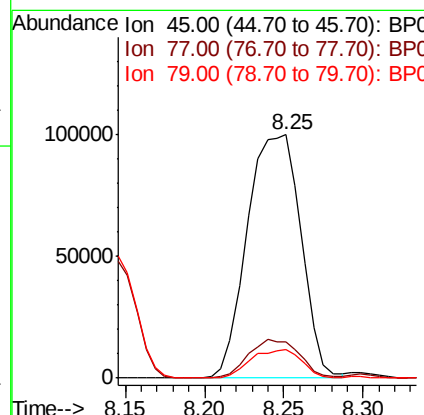
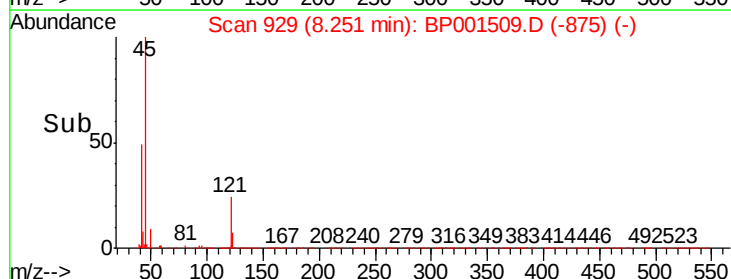
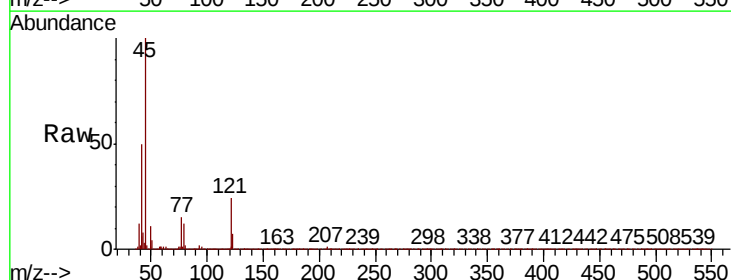
Instrument :
BNA_P
ClientSampleId :
ICVBP010320

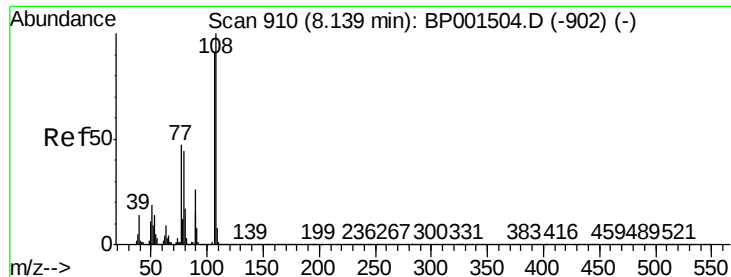
Tot Ion	Ratio	Lower	Upper
79	100		
108	74.5	56.2	84.2
77	64.5	50.4	75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.365 ng
RT: 8.25 min Scan# 929
Delta R.T. 0.02 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	35.7
79	11.8	0.0	30.6

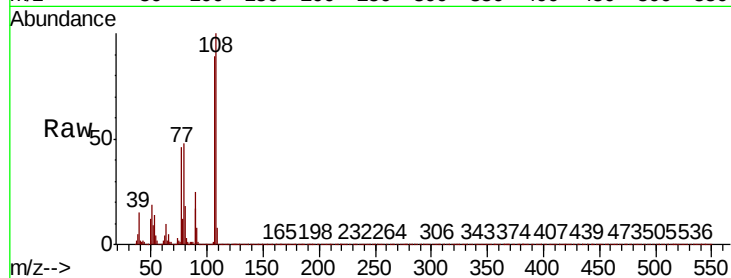




#17
2-Methylphenol
Concen: 39.469 ng
RT: 8.15 min Scan# 911
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Instrument :
BNA_P
ClientSampleId :
ICVBP010320

Tot Ion:	107	Resp:	143350
Ion	Ratio	Lower	Upper
107	100		
108	112.9	88.2	132.2
77	52.1	41.5	62.3
79	54.0	39.2	58.8



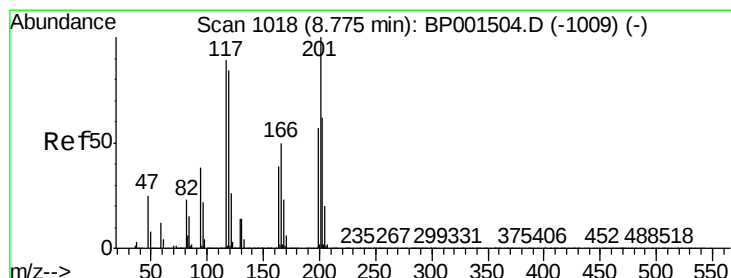
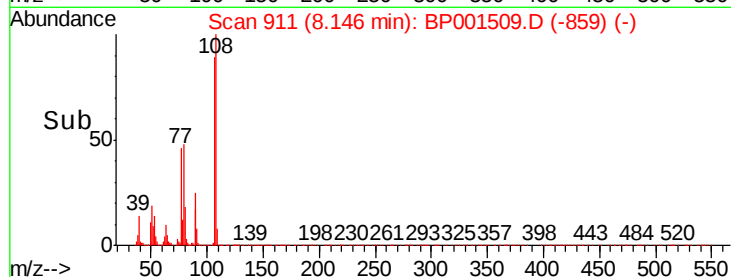
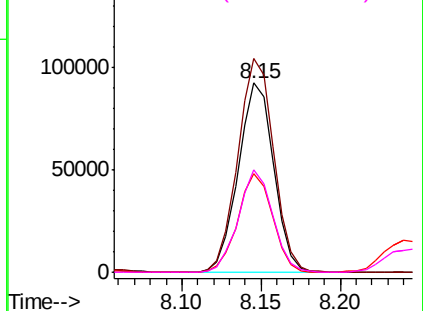
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

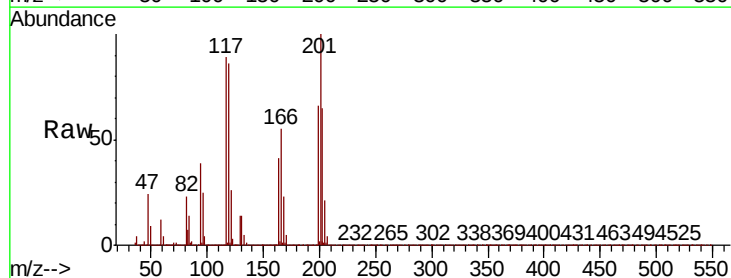
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18
Hexachloroethane
Concen: 40.292 ng
RT: 8.79 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion:	117	Resp:	76643
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.0	114.0
201	111.9	90.2	135.4

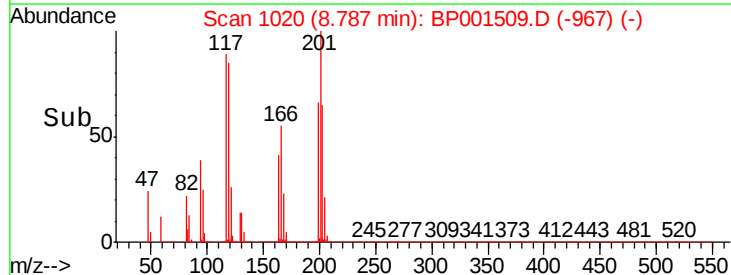
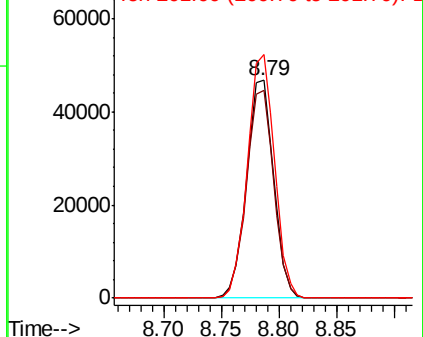


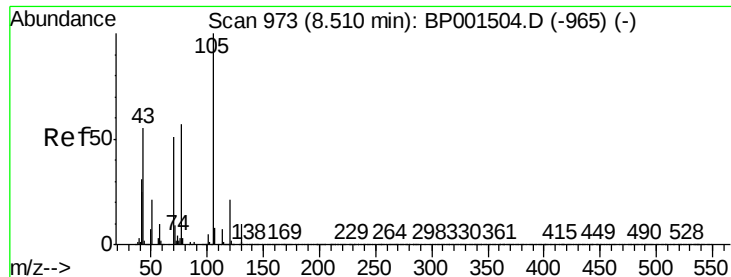
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

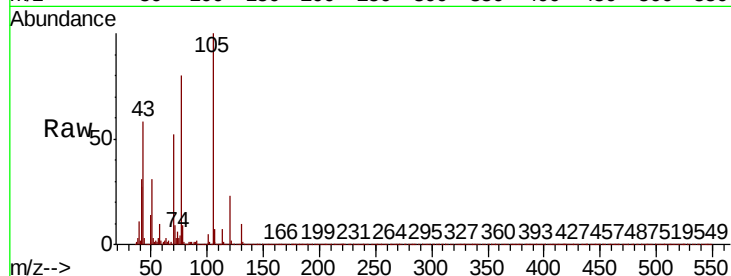




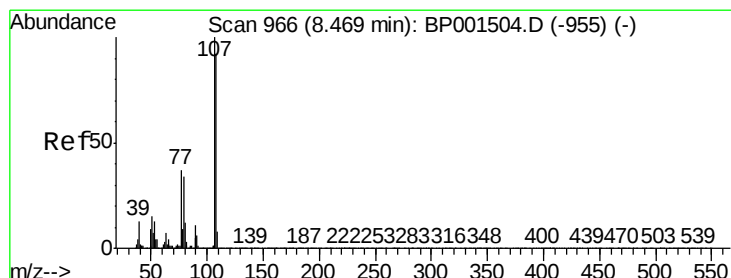
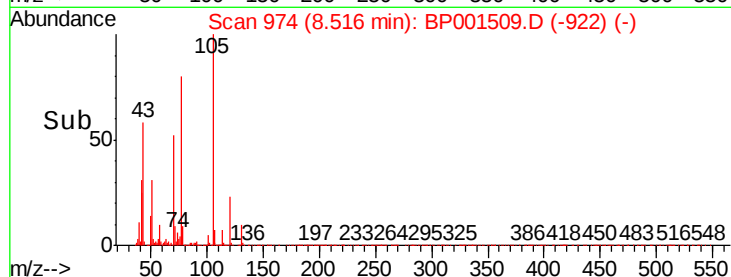
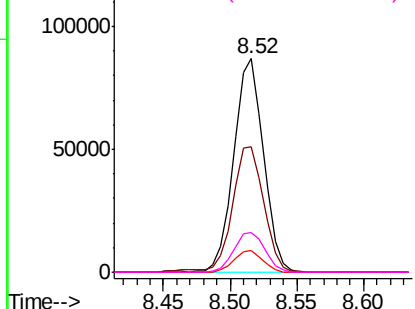
#19
n-Nitroso-di-n-propylamine
Concen: 39.001 ng
RT: 8.52 min Scan# 974
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Instrument :
BNA_P
ClientSampleId :
ICVBP010320

Tot Ion:	70	Resp:	134241
Ion	Ratio	Lower	Upper
70	100		
42	58.8	48.8	73.2
101	10.4	8.1	12.1
130	18.7	15.4	23.2

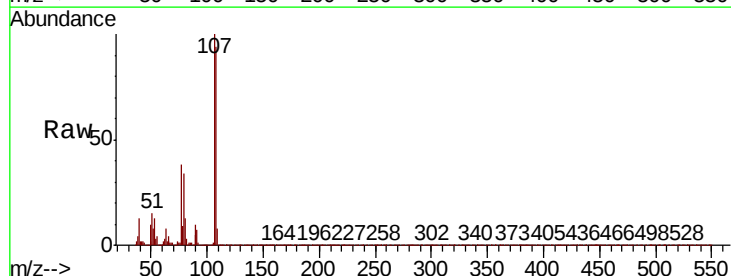


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

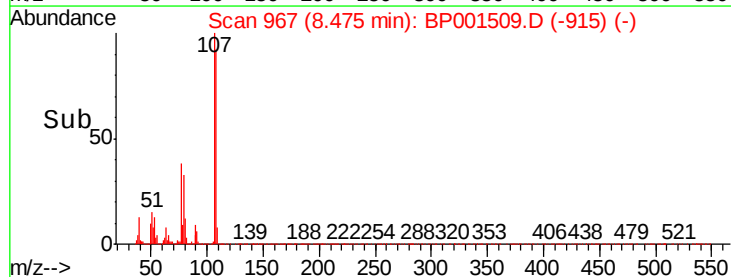
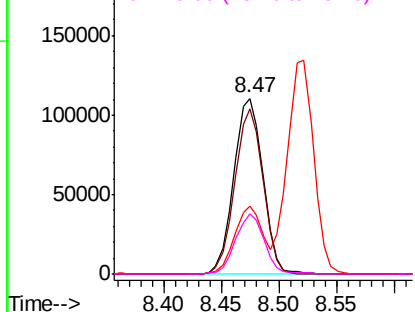


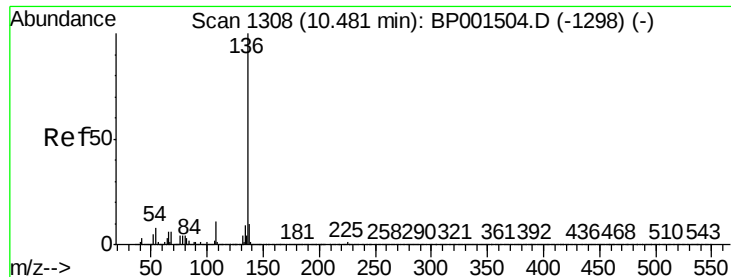
#20
3+4-Methylphenols
Concen: 39.476 ng
RT: 8.47 min Scan# 967
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion:	107	Resp:	193103
Ion	Ratio	Lower	Upper
107	100		
108	94.3	71.8	111.8
77	38.5	17.5	57.5
79	34.5	14.0	54.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

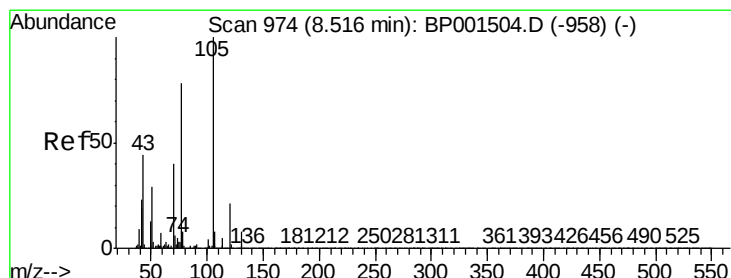
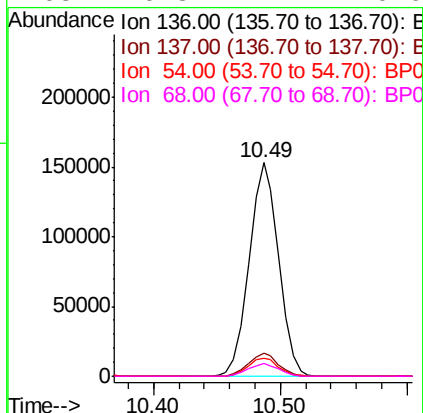
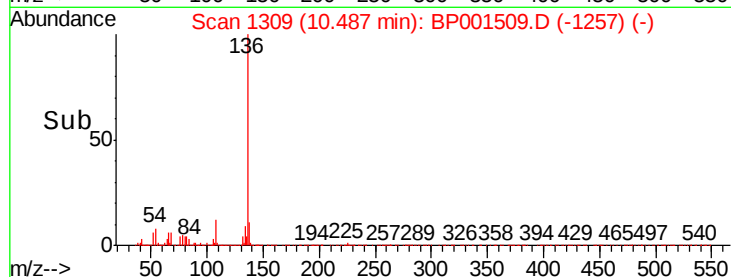
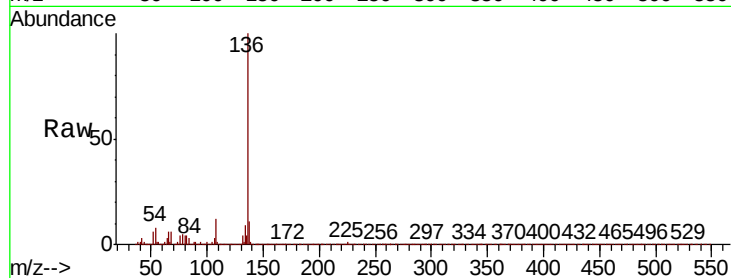




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

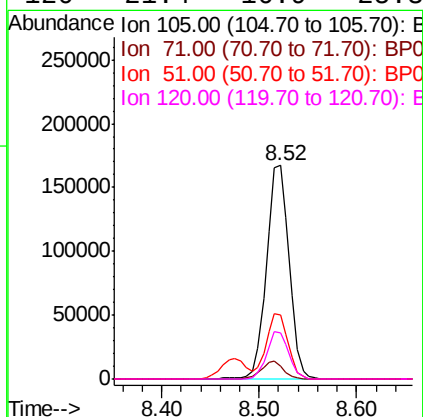
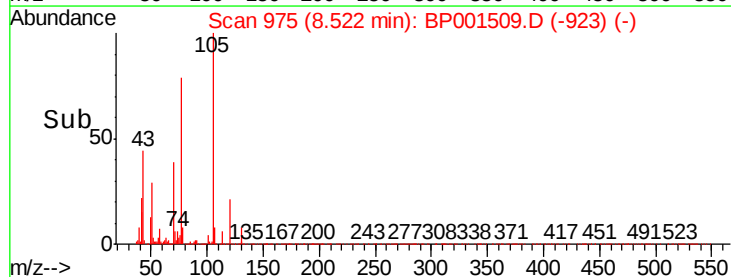
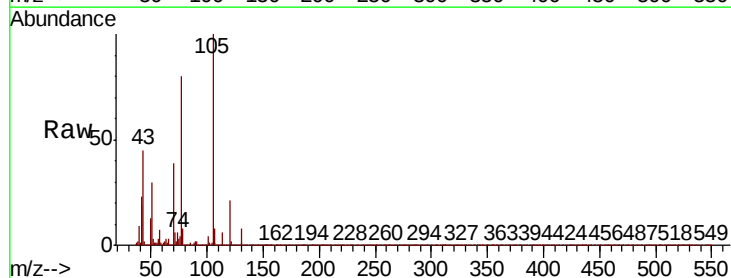
Instrument :
BNA_P
ClientSampleId :
ICVBP010320

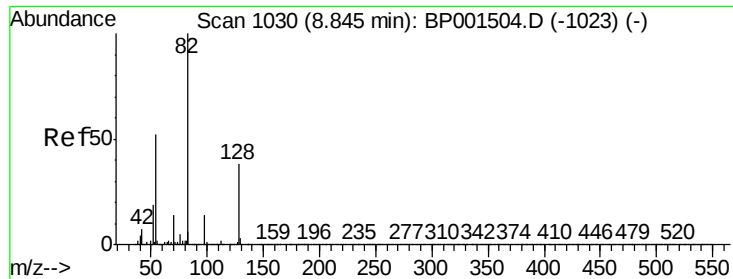
Tot Ion:136	Resp: 245766
Ion Ratio	Lower Upper
136 100	
137 10.9	8.3 12.5
54 8.4	6.7 10.1
68 6.3	4.4 6.6



#22
Acetophenone
Concen: 39.380 ng
RT: 8.52 min Scan# 975
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt	Ion:105	Resp:	272247
Ion	Ratio	Lower	Upper
105	100		
71	5.7	5.1	7.7
51	29.7	22.9	34.3
120	21.4	16.9	25.3

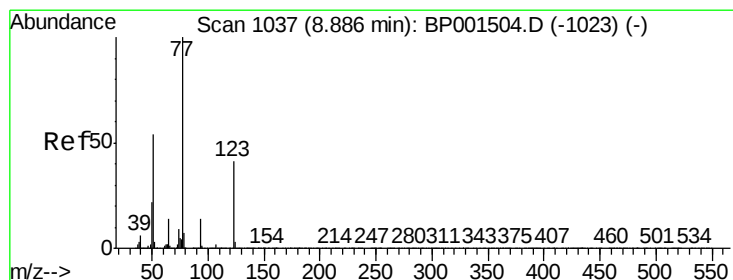
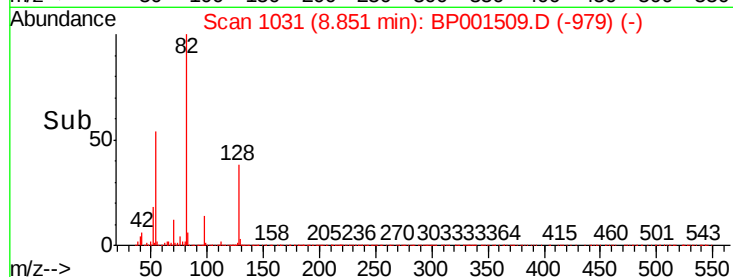
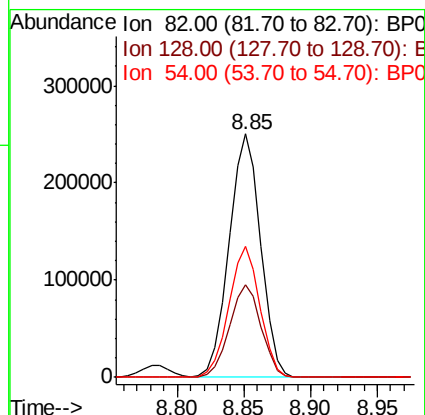
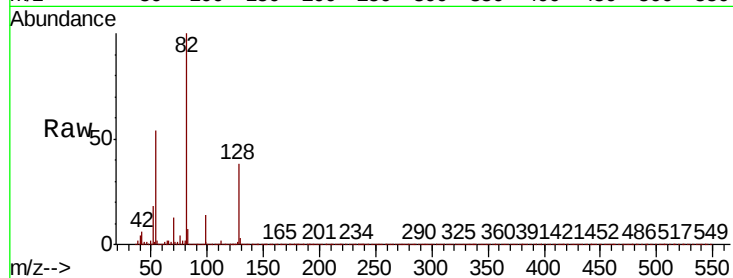




#23
Nitrobenzene-d5
Concen: 82.851 ng
RT: 8.85 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

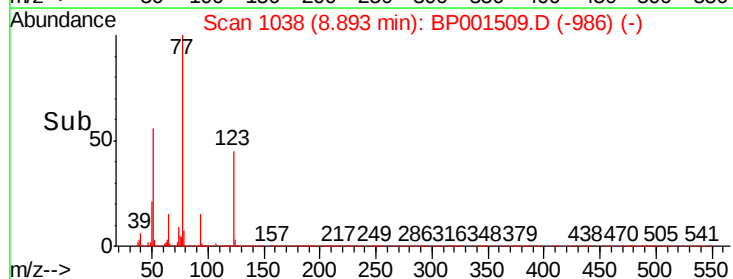
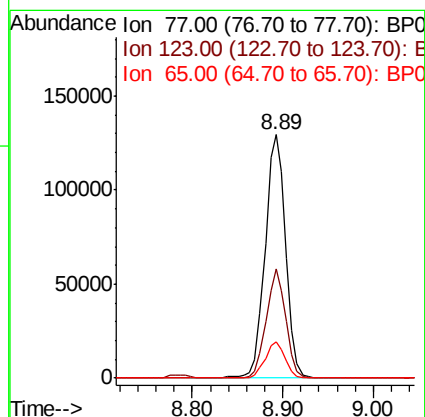
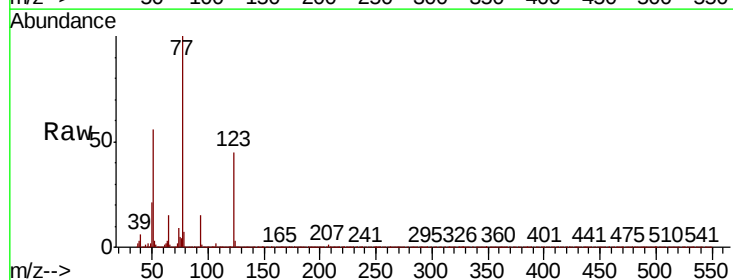
Instrument :
BNA_P
ClientSampleId :
ICVBP010320

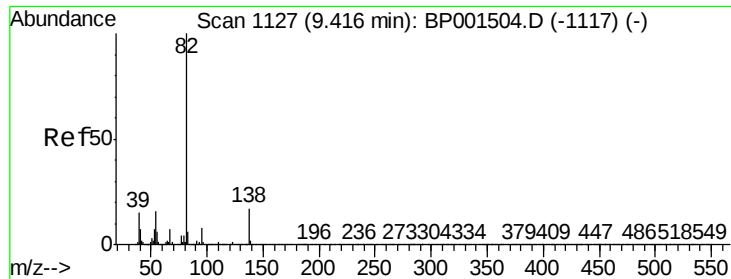
Tot Ion	82.00	Resp	412254
Ion Ratio	Lower	Upper	
82	100		
128	38.0	30.1	45.1
54	53.6	41.8	62.6



#24
Nitrobenzene
Concen: 39.796 ng
RT: 8.89 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion	77.00	Resp	203951
Ion Ratio	Lower	Upper	
77	100		
123	44.6	32.7	49.1
65	15.1	11.3	16.9





#25

Isophorone

Concen: 38.564 ng

RT: 9.42 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampleId :

ICVBP010320

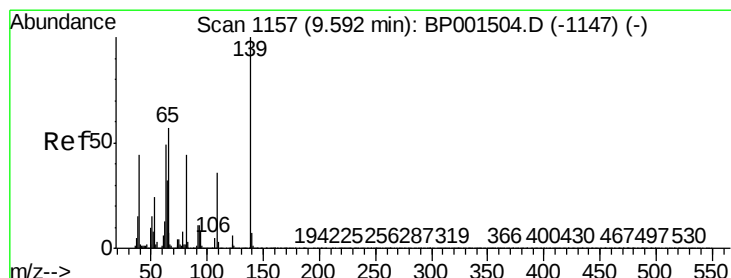
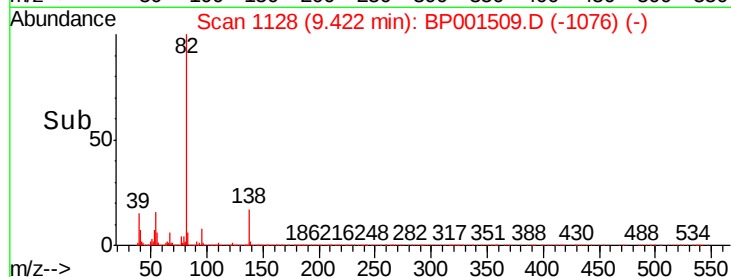
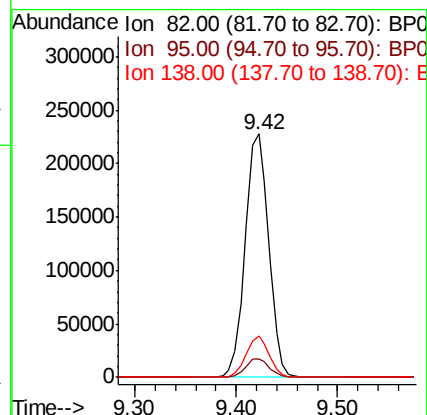
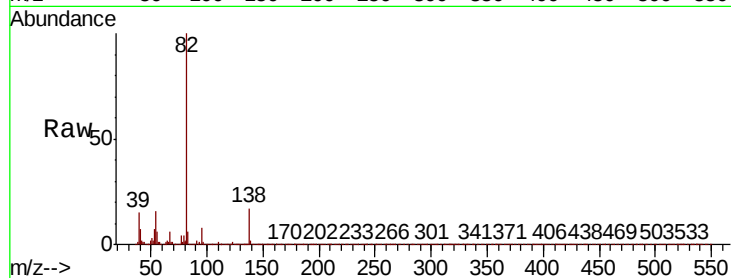
Tot Ion: 82 Resp: 366387

Ion Ratio Lower Upper

82 100

95 7.7 6.2 9.4

138 17.2 13.4 20.2



#26

2-Nitrophenol

Concen: 42.820 ng

RT: 9.60 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

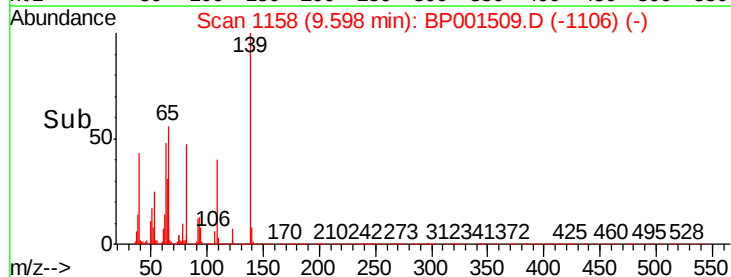
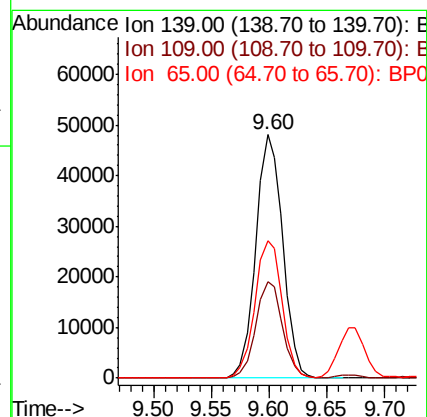
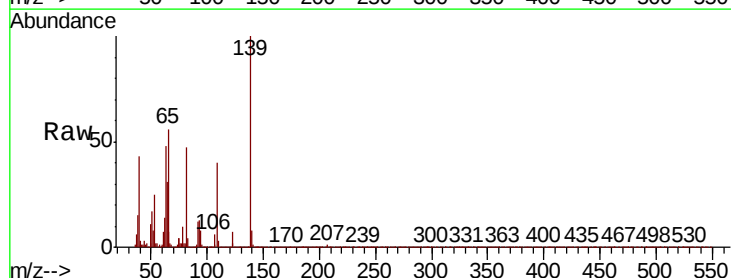
Tgt Ion: 139 Resp: 78324

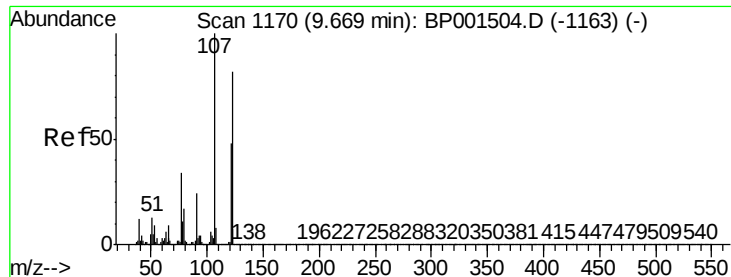
Ion Ratio Lower Upper

139 100

109 39.5 29.0 43.4

65 56.3 45.6 68.4





#27

2,4-Dimethylphenol

Concen: 39.219 ng

RT: 9.67 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampleId :

ICVBP010320

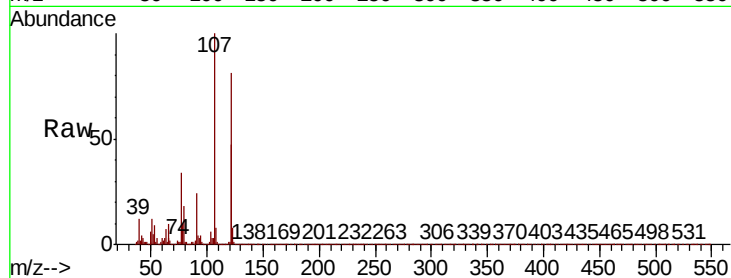
Tot Ion:122 Resp: 129883

Ion Ratio Lower Upper

122 100

107 124.2 98.2 147.2

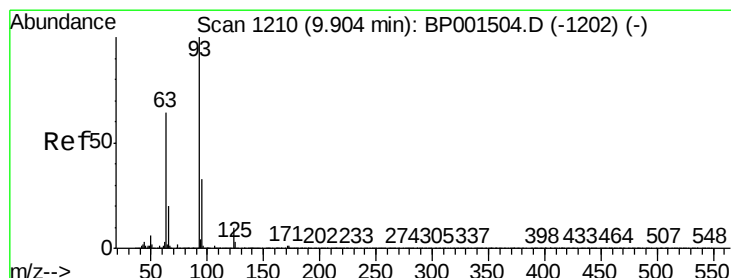
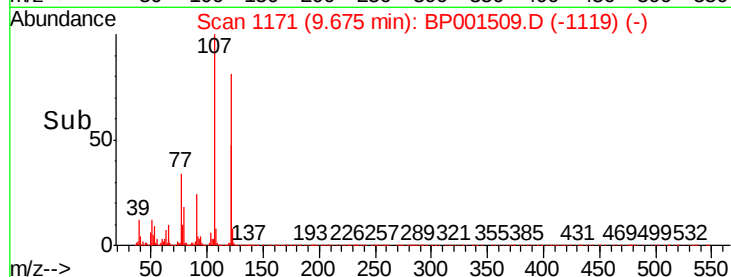
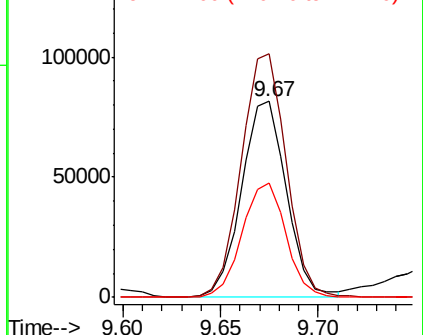
121 58.1 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.796 ng

RT: 9.91 min Scan# 1211

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

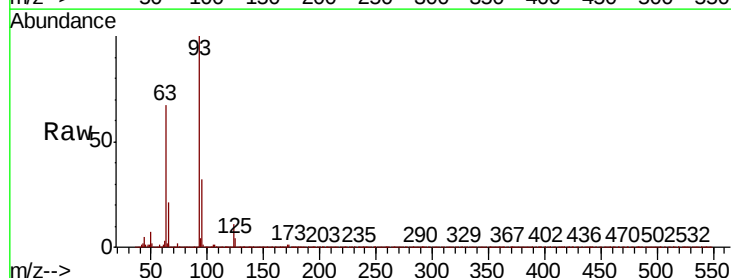
Tgt Ion: 93 Resp: 231173

Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

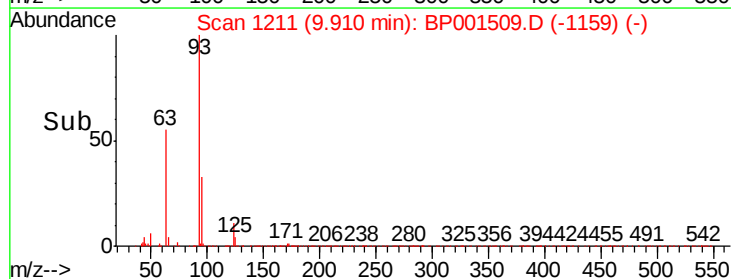
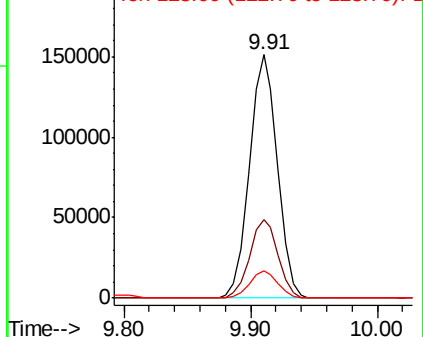
123 11.0 8.2 12.4

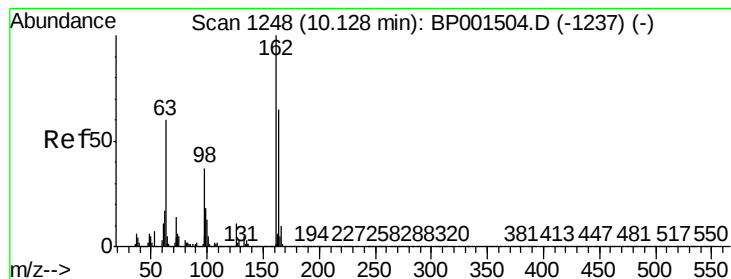


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.076 ng

RT: 10.13 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampleId :

ICVBP010320

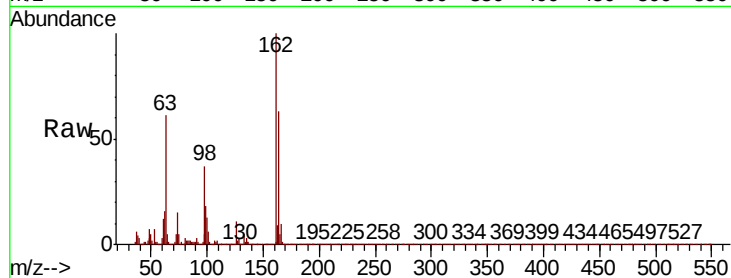
Tot Ion:162 Resp: 158545

Ion Ratio Lower Upper

162 100

164 62.9 44.6 84.6

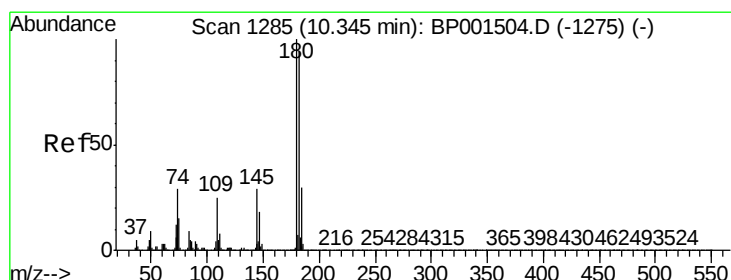
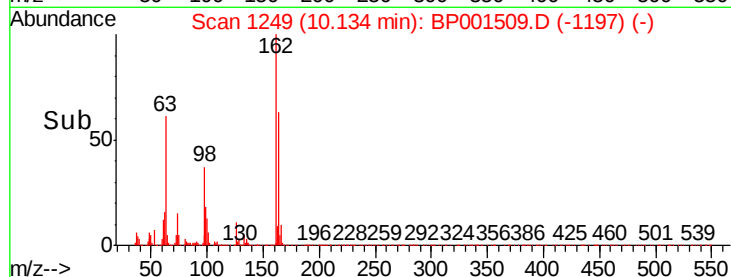
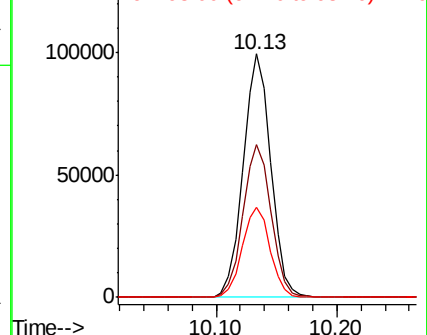
98 37.1 17.3 57.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP



#30

1,2,4-Trichlorobenzene

Concen: 39.711 ng

RT: 10.35 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

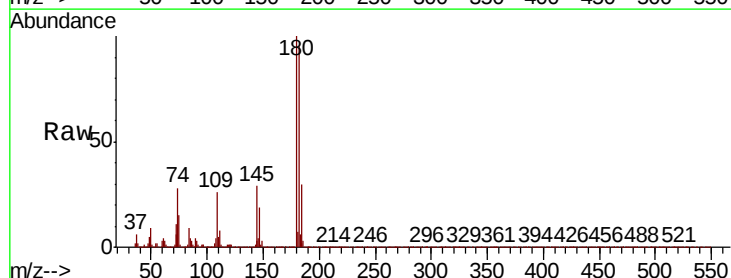
Tgt Ion:180 Resp: 191850

Ion Ratio Lower Upper

180 100

182 94.9 75.0 112.4

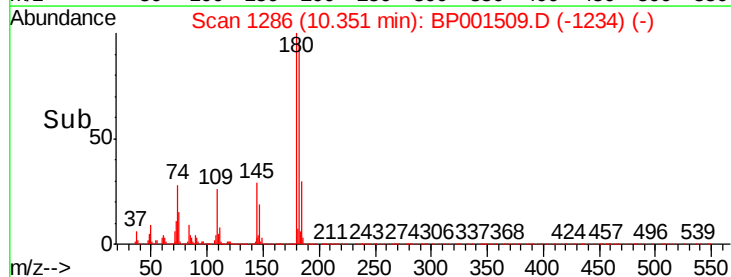
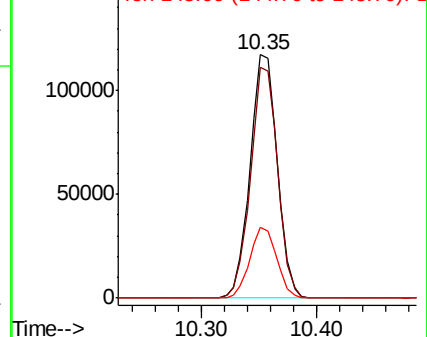
145 28.9 23.5 35.3

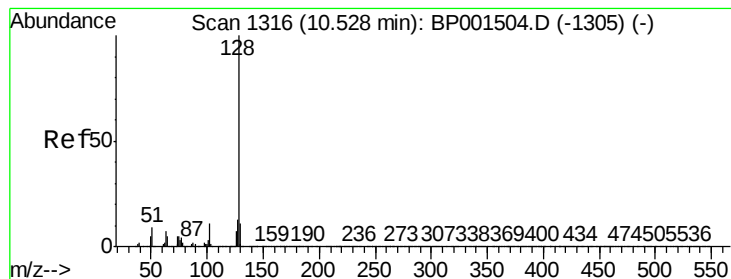


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

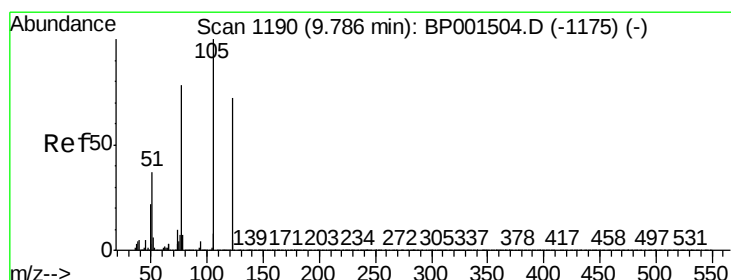
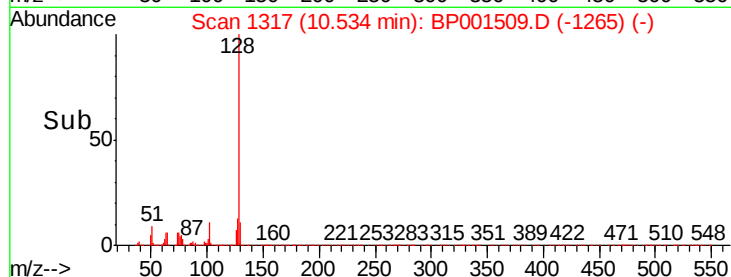
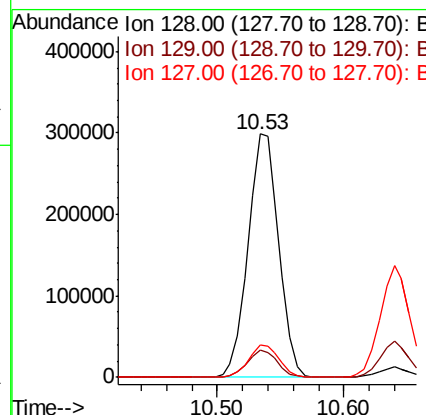
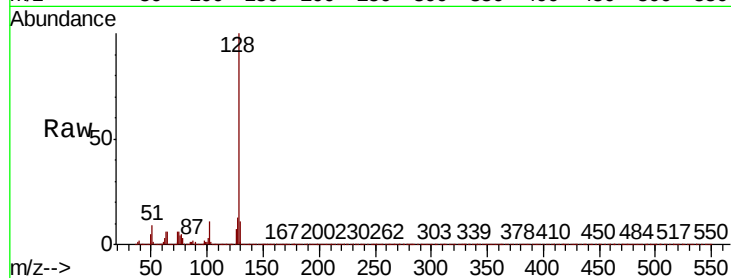




#31
Naphthalene
Concen: 38.809 ng
RT: 10.53 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

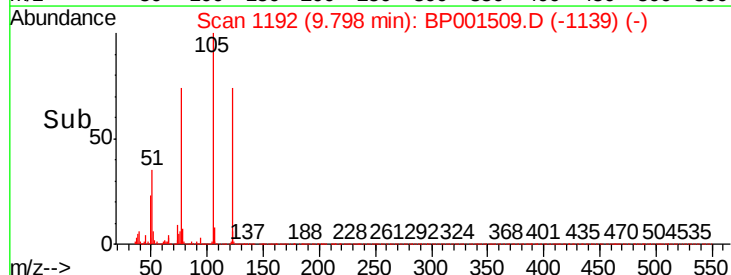
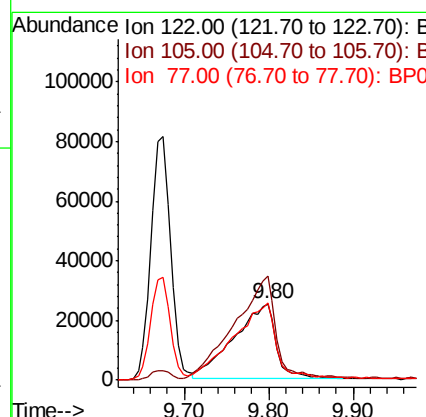
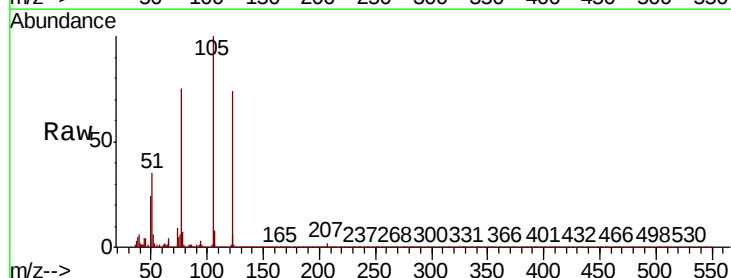
Instrument :
BNA_P
ClientSampleId :
ICVBP010320

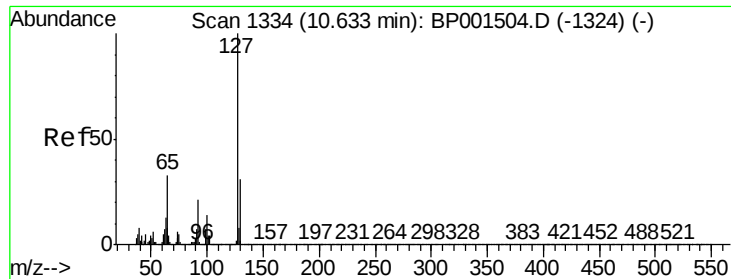
Tot Ion:128	Resp:	501685
Ion	Ratio	Lower Upper
128	100	
129	11.2	8.7 13.1
127	13.4	10.5 15.7



#32
Benzoic acid
Concen: 39.695 ng
RT: 9.80 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion:122	Resp:	87445
Ion	Ratio	Lower Upper
122	100	
105	136.0	111.1 151.1
77	101.5	85.9 125.9

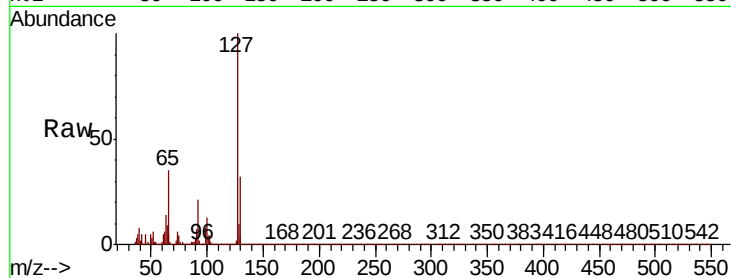




#33
4-Chloroaniline
Concen: 39.247 ng
RT: 10.64 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Instrument :
BNA_P
ClientSampleId :
ICVBP010320

Tot Ion:	127	Resp:	220771
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.2	37.8
65	34.7	26.6	39.8
92	20.5	17.2	25.8



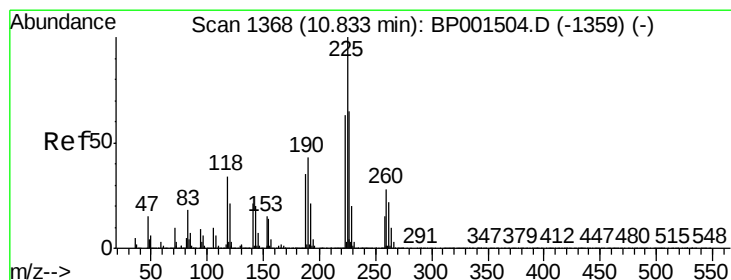
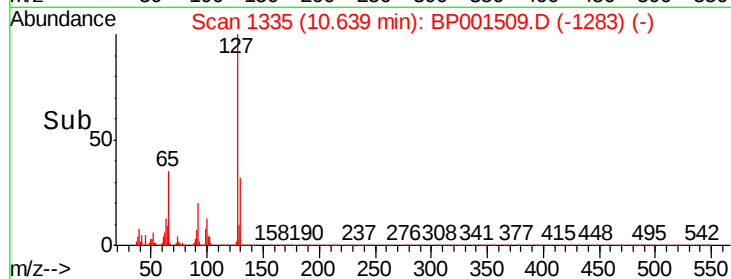
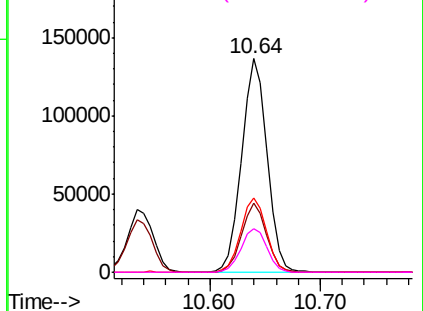
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

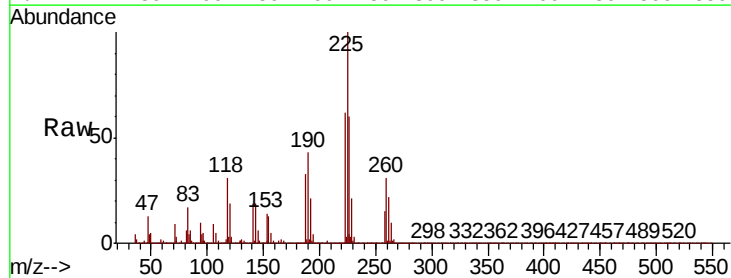
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 40.195 ng
RT: 10.85 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion:	225	Resp:	128494
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.2	75.4
227	59.9	52.0	78.0

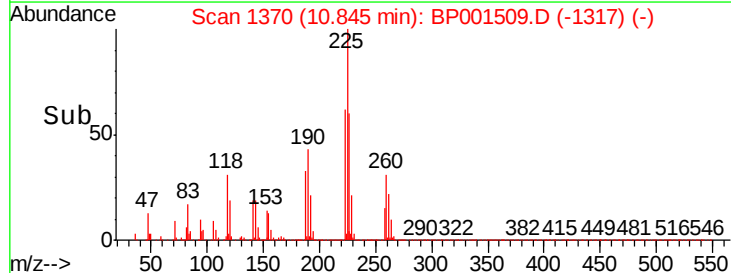
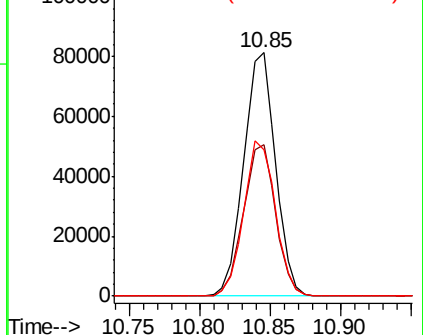


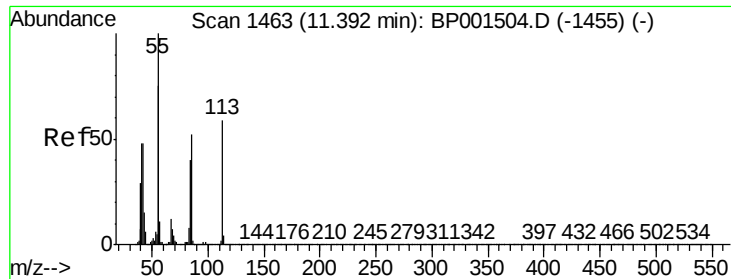
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

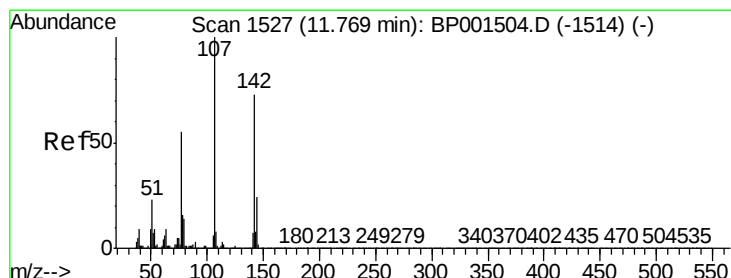
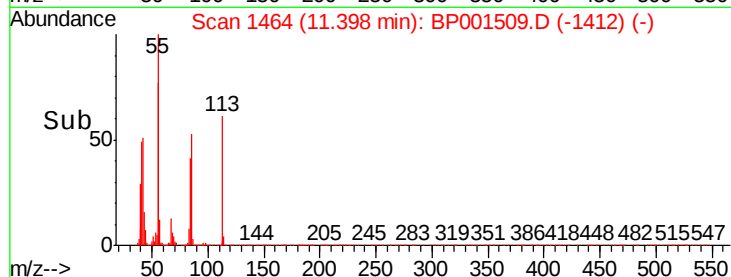
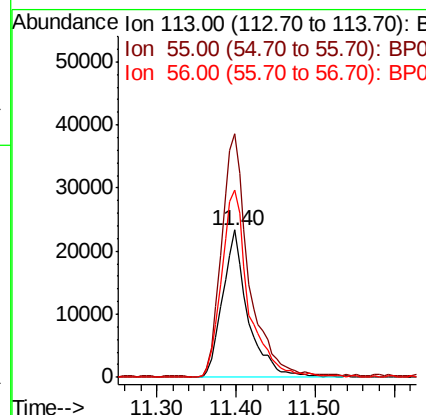
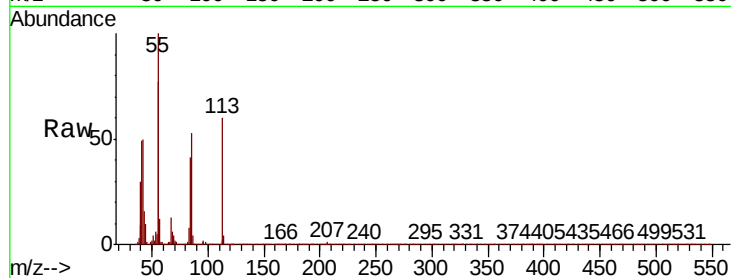




#35
Caprolactam
Concen: 38.137 ng
RT: 11.40 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

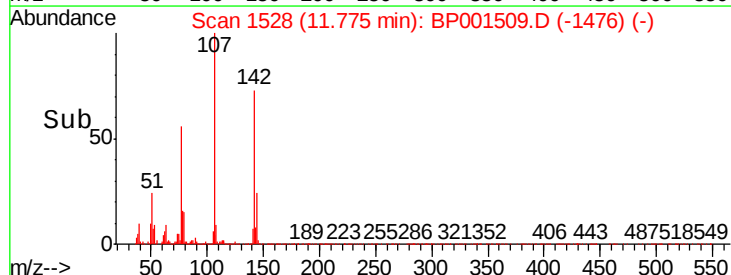
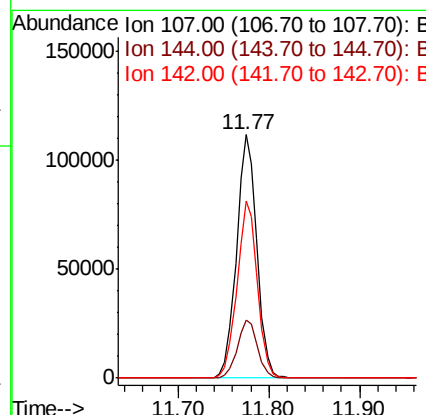
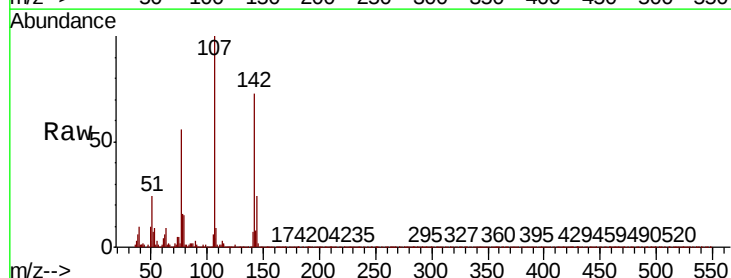
Instrument :
BNA_P
ClientSampleId :
ICVBP010320

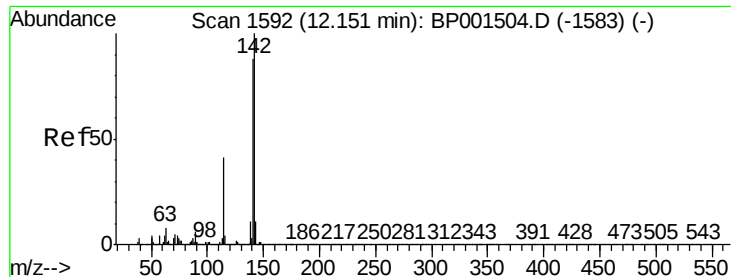
Tot Ion:113 Resp: 51603
Ion Ratio Lower Upper
113 100
55 165.3 150.8 190.8
56 127.5 107.7 147.7



#36
4-Chloro-3-methylphenol
Concen: 39.344 ng
RT: 11.77 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion:107 Resp: 174987
Ion Ratio Lower Upper
107 100
144 23.7 19.2 28.8
142 72.5 58.4 87.6

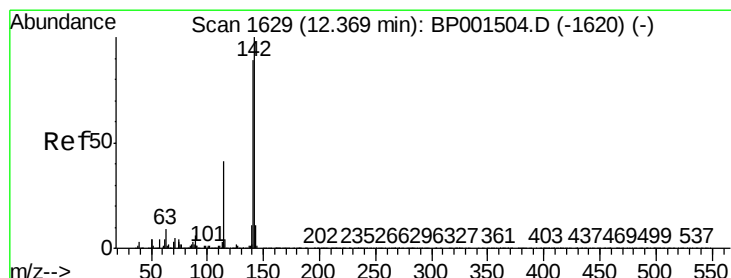
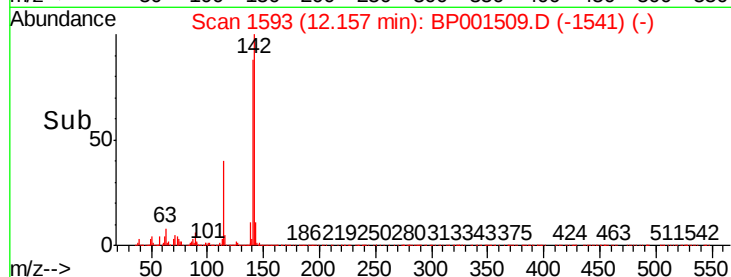
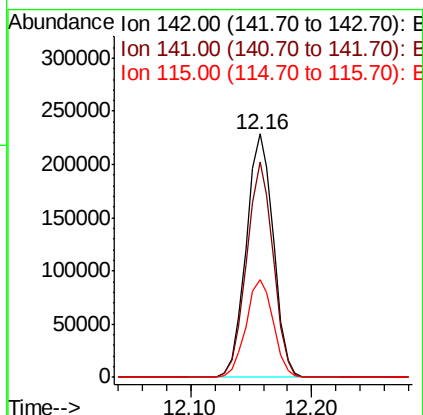
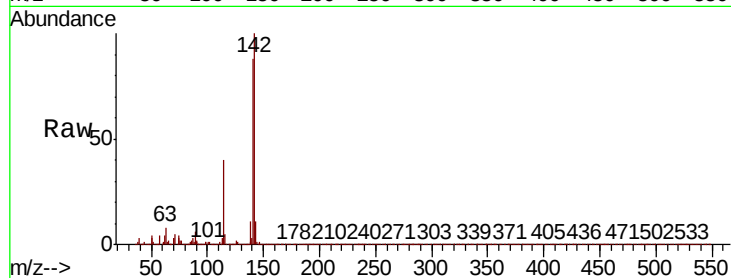




#37
2-Methylnaphthalene
Concen: 39.082 ng
RT: 12.16 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

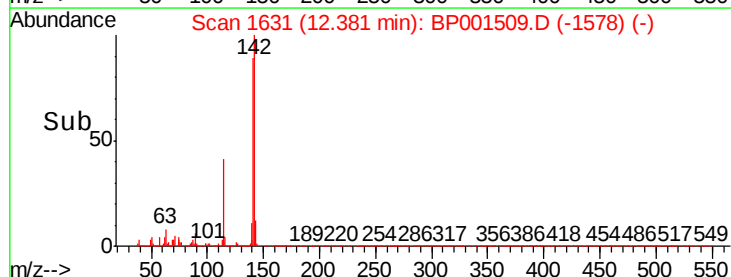
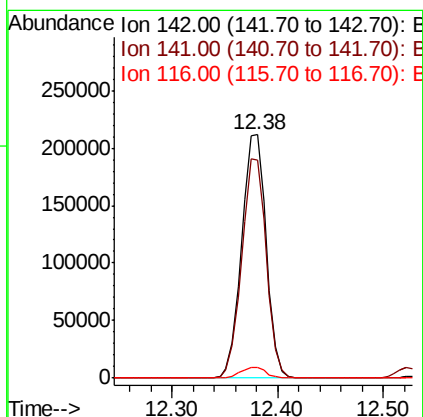
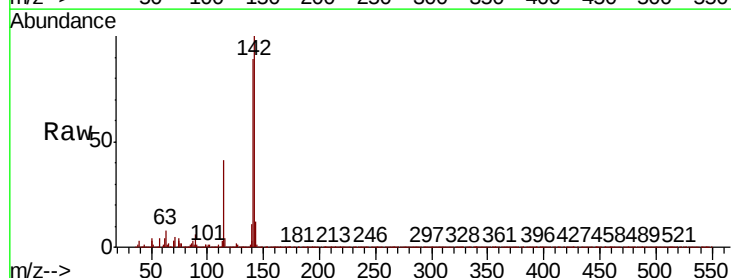
Instrument :
BNA_P
ClientSampleId :
ICVBP010320

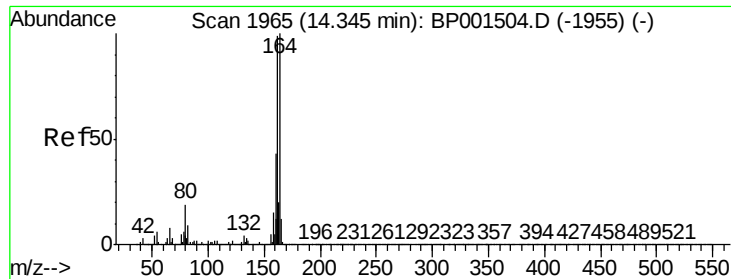
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.7	106.1
115	40.1	32.4	48.6



#38
1-Methylnaphthalene
Concen: 39.016 ng
RT: 12.38 min Scan# 1631
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.0
116	4.2	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

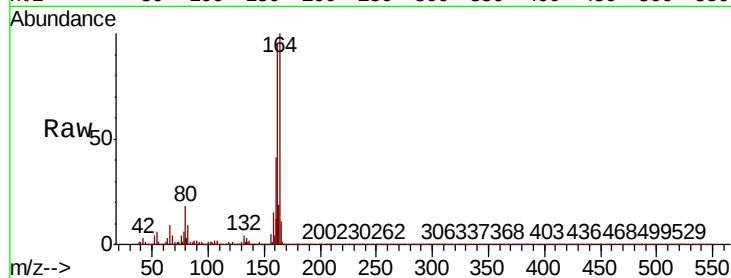
BNA_P

ClientSampleId :

ICVBP010320

Tot Ion:164 Resp: 158395

Ion	Ratio	Lower	Upper
164	100		
162	95.2	79.2	118.8
160	41.3	34.6	52.0

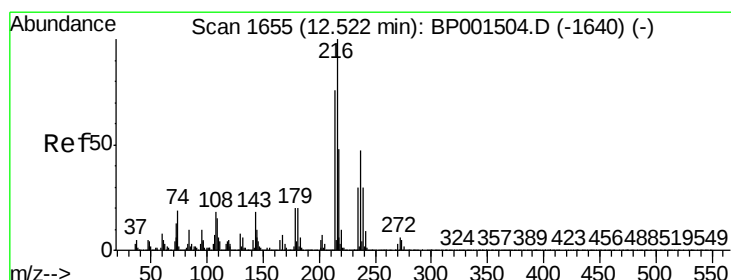
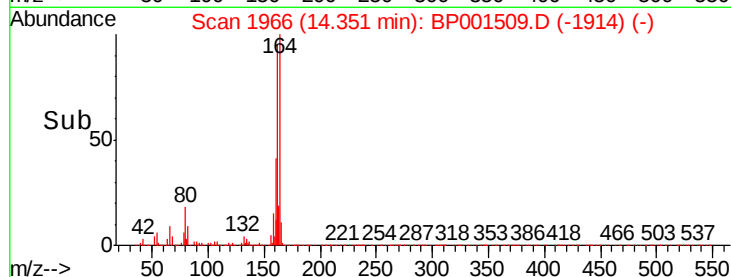
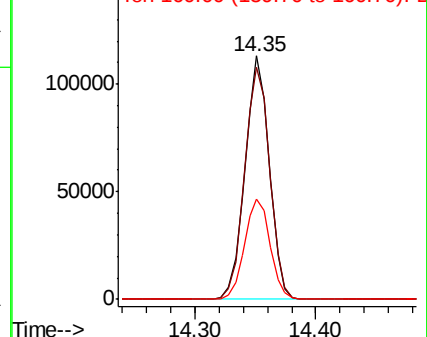


Abundance

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: 39.038 ng

RT: 12.53 min Scan# 1657

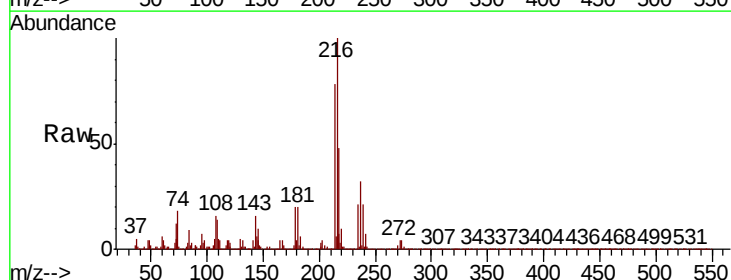
Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Tgt Ion:216 Resp: 206434

Ion	Ratio	Lower	Upper
216	100		
214	79.1	61.5	92.3
179	21.1	16.6	24.8
108	18.7	14.6	22.0



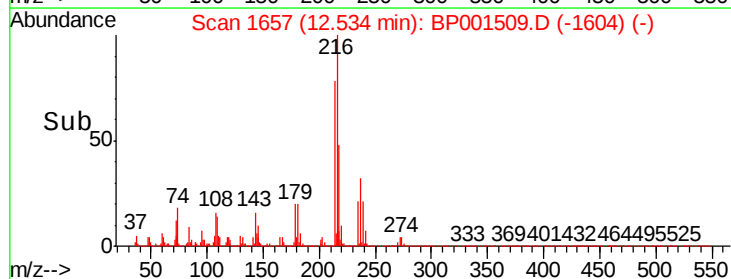
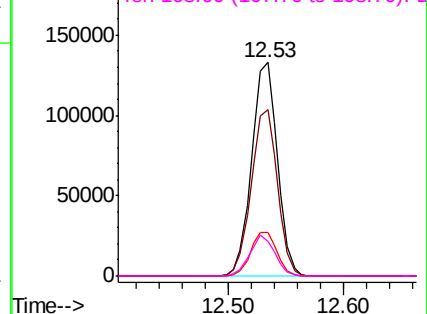
Abundance

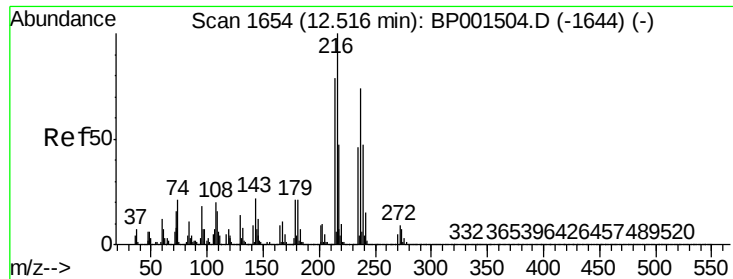
Ion 216.00 (215.70 to 216.70): E

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: 40.088 ng

RT: 12.52 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampleId :

ICVBP010320

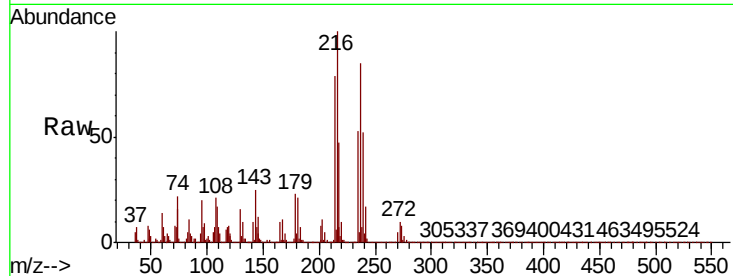
Tot Ion:237 Resp: 109435

Ion Ratio Lower Upper

237 100

235 62.7 42.6 82.6

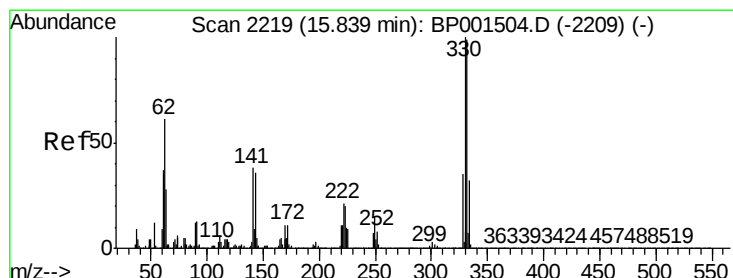
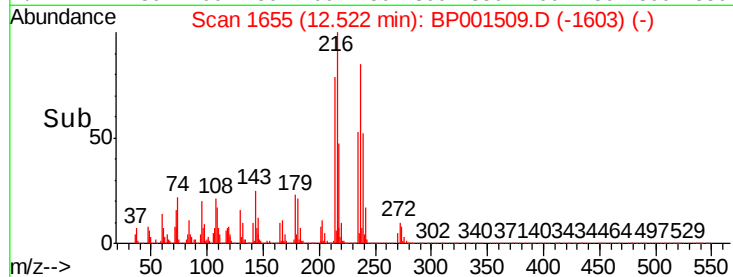
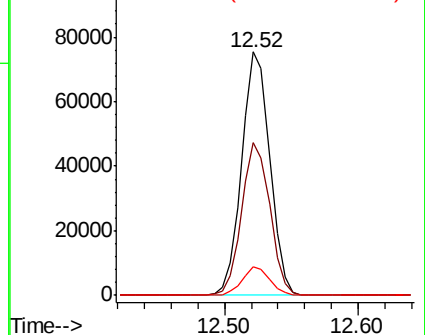
272 11.9 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.946 ng

RT: 15.85 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

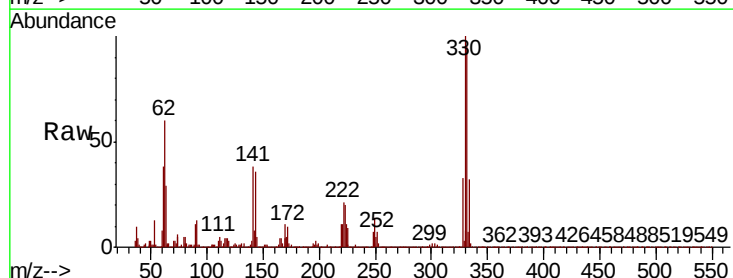
Tgt Ion:330 Resp: 145109

Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.2

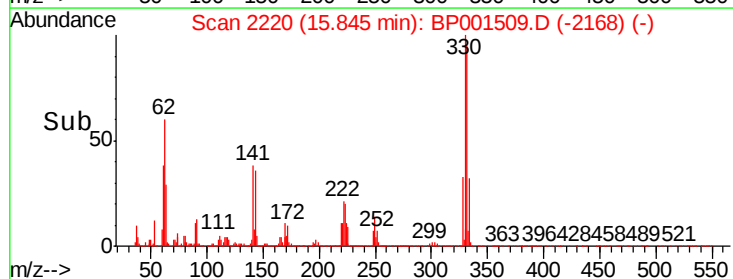
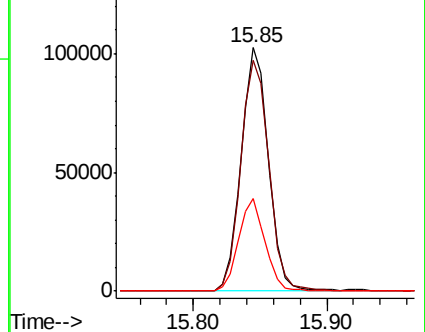
141 36.9 30.3 45.5

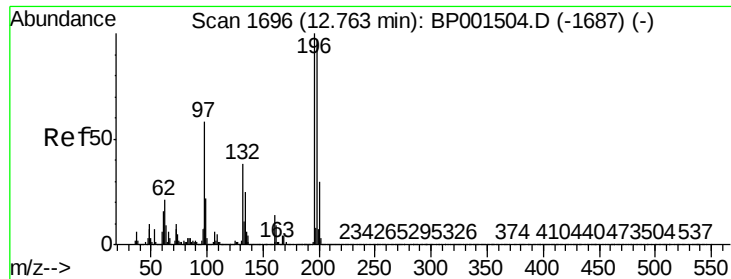


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 39.457 ng

RT: 12.77 min Scan# 1697

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampleId :

ICVBP010320

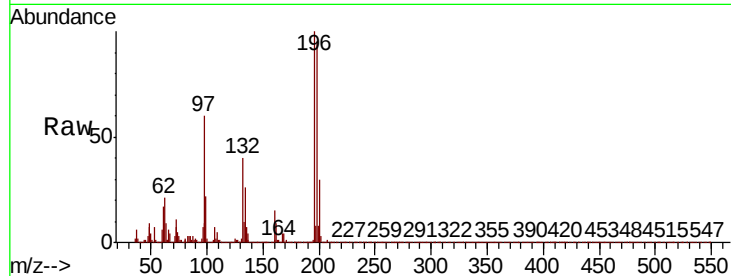
Tot Ion:196 Resp: 130624

Ion Ratio Lower Upper

196 100

198 95.0 77.4 116.2

200 30.1 24.2 36.2

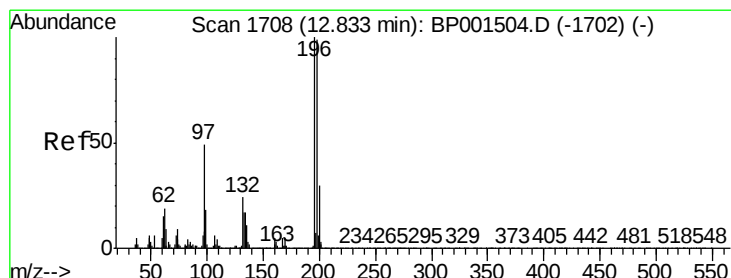
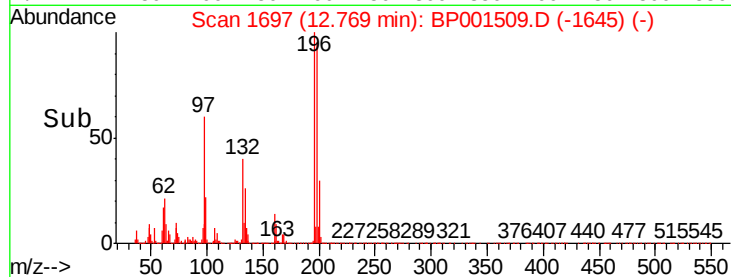
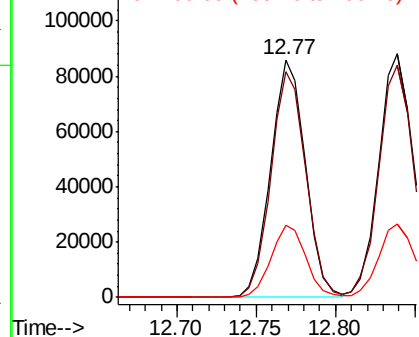


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.414 ng

RT: 12.84 min Scan# 1709

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Tgt Ion:196 Resp: 135720

Ion Ratio Lower Upper

196 100

198 95.3 79.5 119.3

97 52.4 39.3 58.9

132 25.1 19.2 28.8

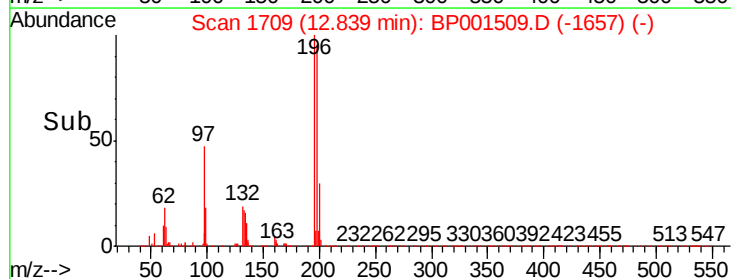
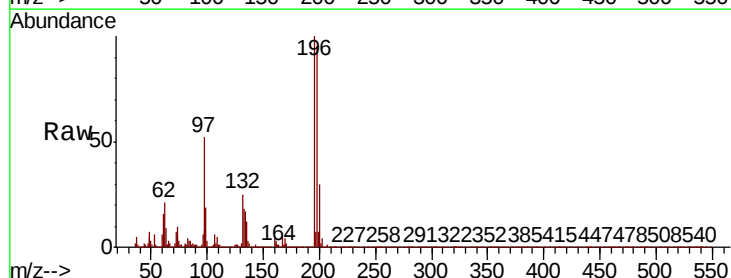
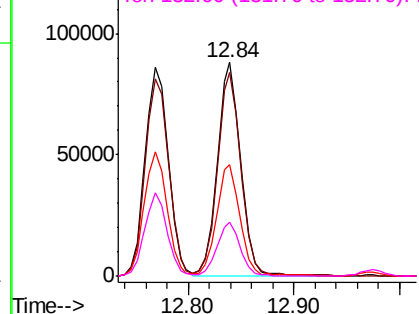
Abundance

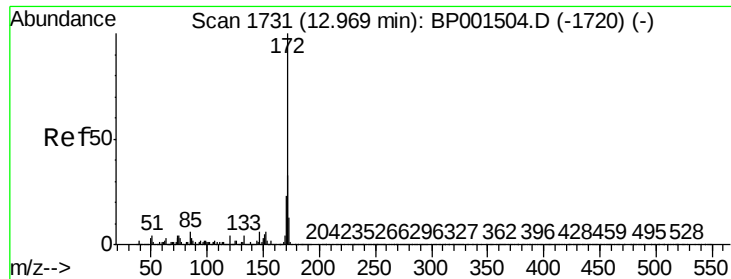
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BPO

Ion 132.00 (131.70 to 132.70): E

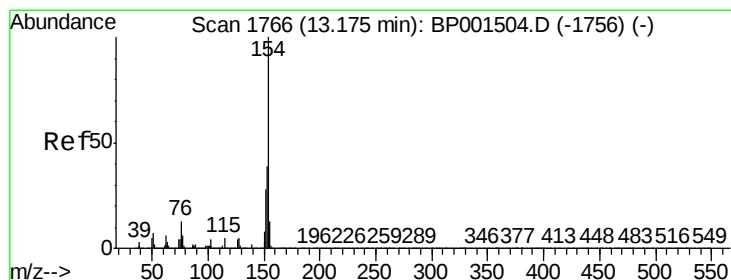
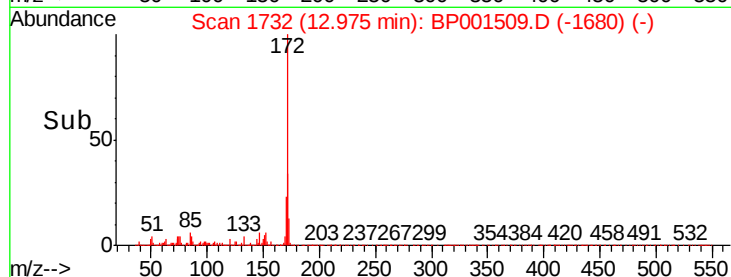
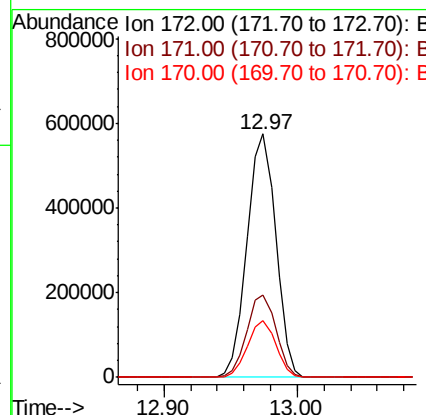
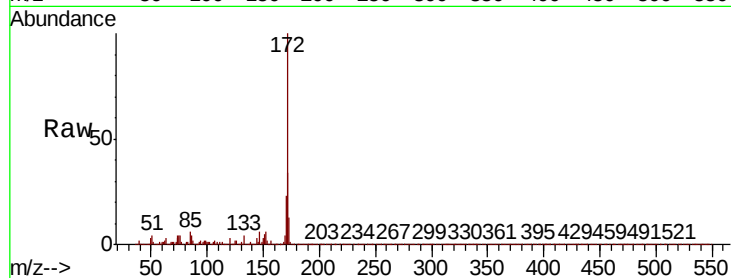




#45
2-Fluorobiphenyl
Concen: 79.264 ng
RT: 12.97 min Scan# 1732
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

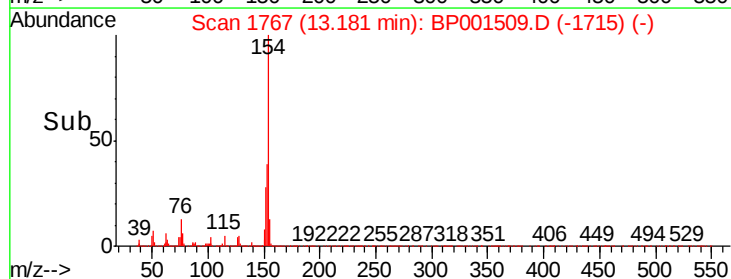
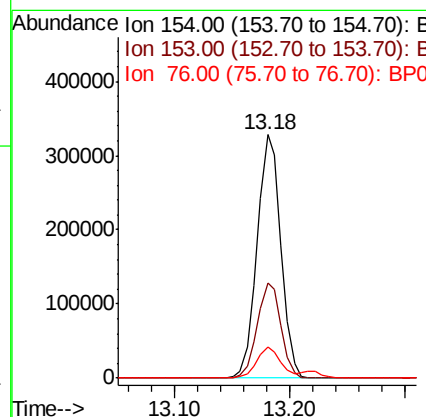
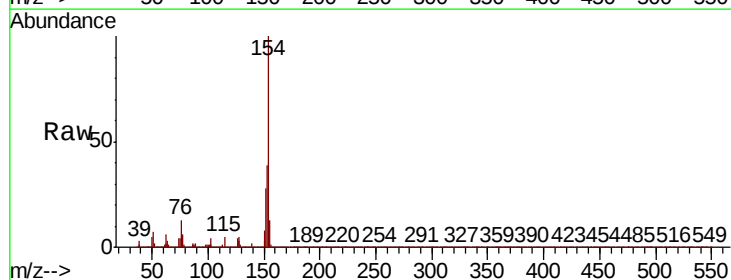
Instrument :
BNA_P
ClientSampleId :
ICVBP010320

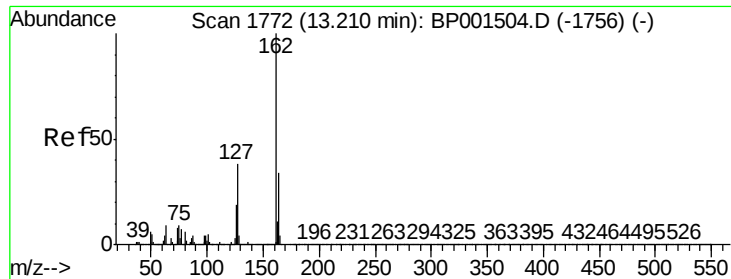
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	26.7	40.1
170	23.1	18.7	28.1



#46
1,1'-Biphenyl
Concen: 39.150 ng
RT: 13.18 min Scan# 1767
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.9	19.1	59.1
76	12.9	0.0	33.0

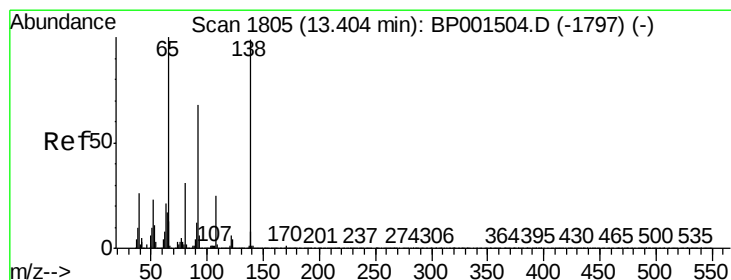
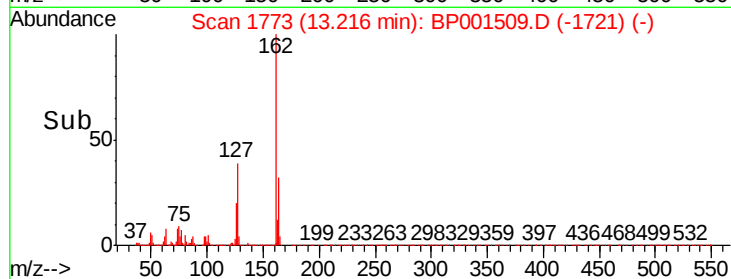
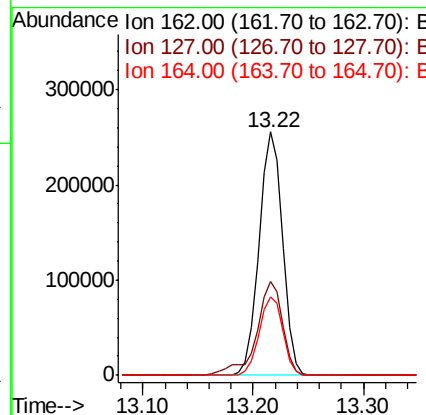
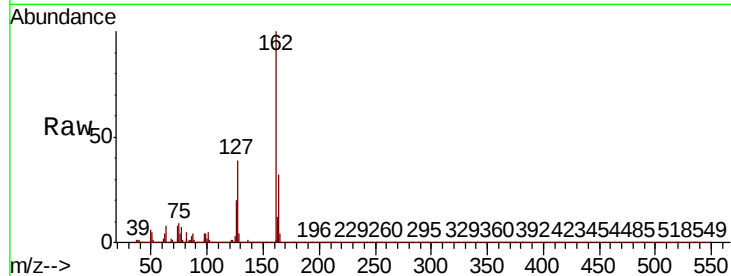




#47
2-Chloronaphthalene
Concen: 38.826 ng
RT: 13.22 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

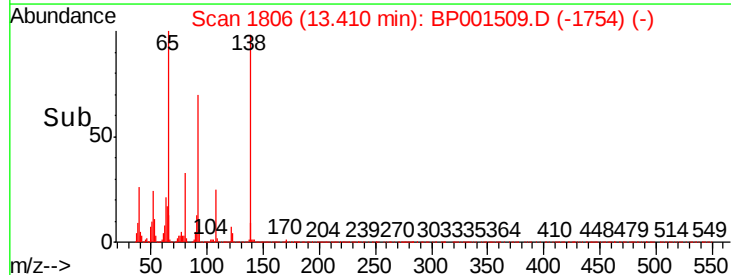
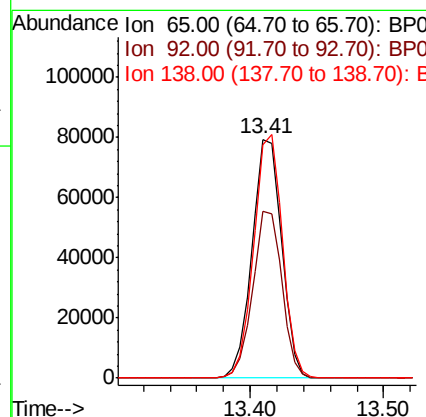
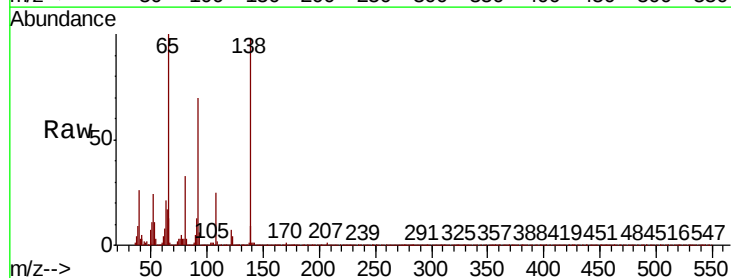
Instrument :
BNA_P
ClientSampleId :
ICVBP010320

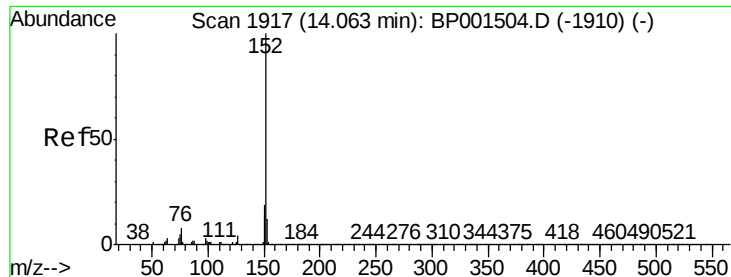
Tot Ion: 162 Resp: 381748
Ion Ratio Lower Upper
162 100
127 38.6 30.2 45.2
164 32.0 26.8 40.2



#48
2-Nitroaniline
Concen: 42.099 ng
RT: 13.41 min Scan# 1806
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion: 65 Resp: 120919
Ion Ratio Lower Upper
65 100
92 69.8 54.2 81.4
138 97.8 79.0 118.4





#49

Acenaphthylene

Concen: 38.879 ng

RT: 14.07 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

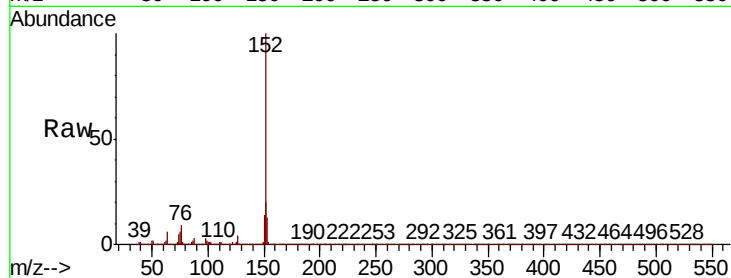
BNA_P

ClientSampleId :

ICVBP010320

Tot Ion:152 Resp: 579782

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.2	22.8
153	12.8	9.9	14.9

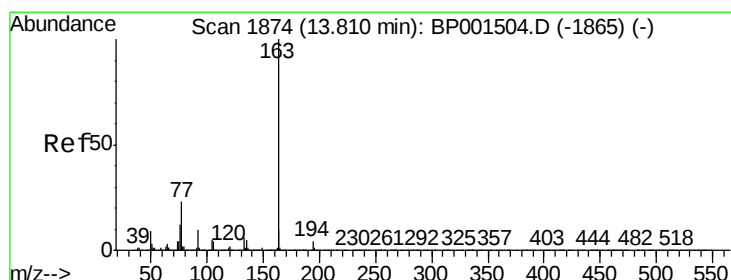
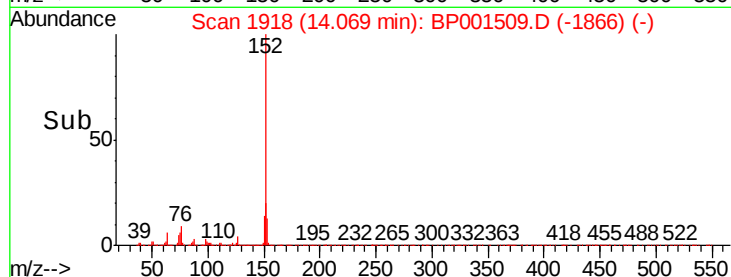
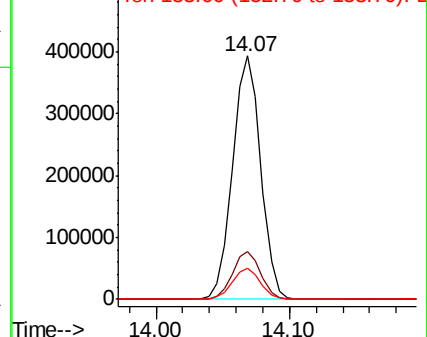


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.601 ng

RT: 13.82 min Scan# 1875

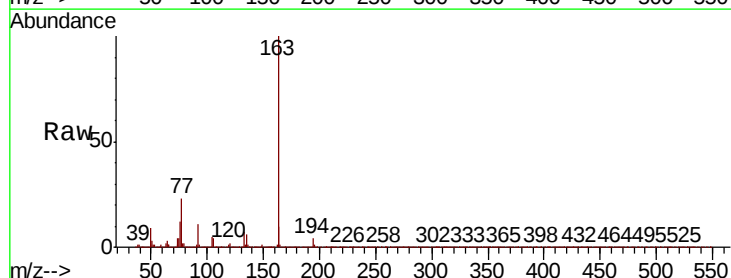
Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Tgt Ion:163 Resp: 477936

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.2	8.1	12.1

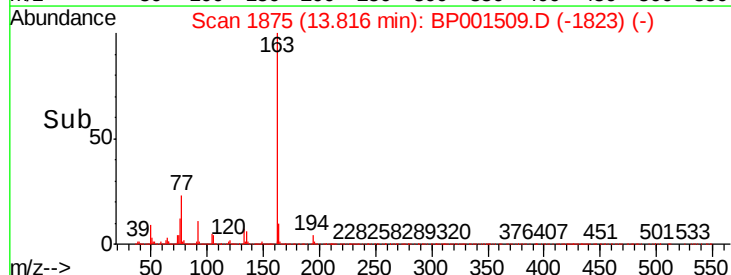
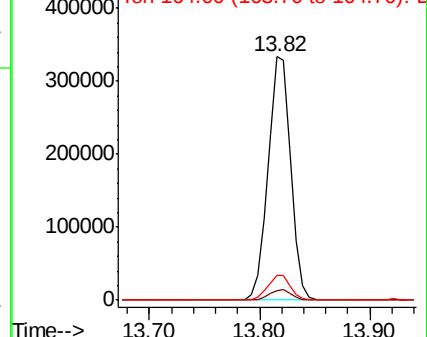


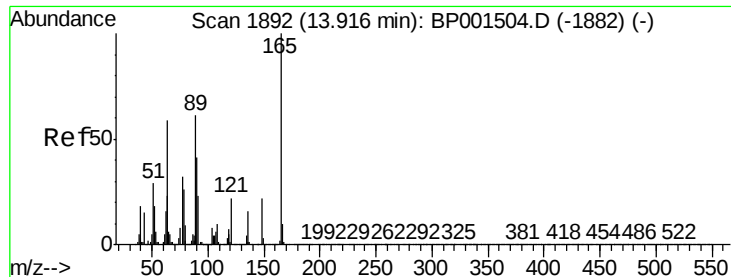
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.214 ng

RT: 13.92 min Scan# 1893

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampleId :

ICVBP010320

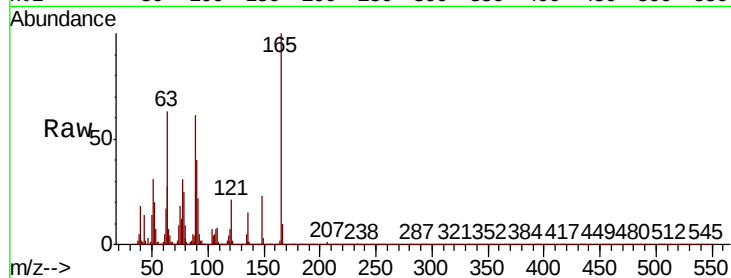
Tot Ion:165 Resp: 97922

Ion Ratio Lower Upper

165 100

63 63.1 50.0 75.0

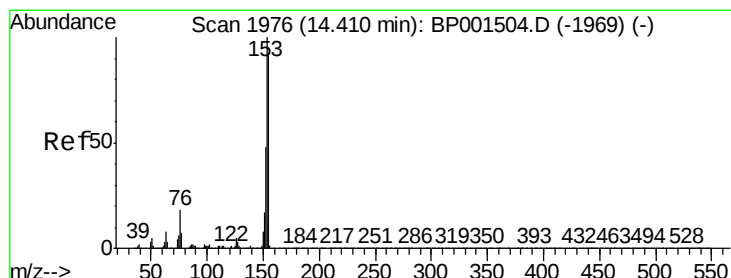
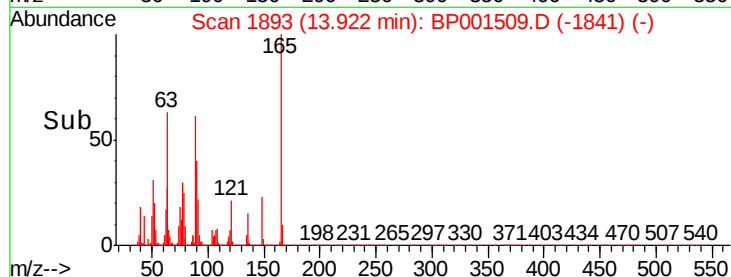
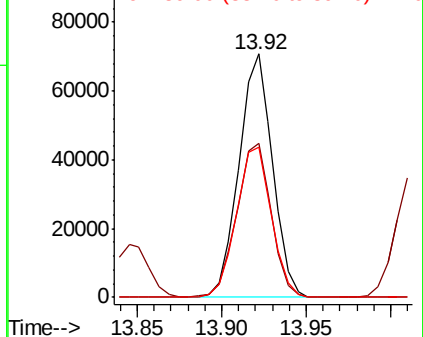
89 61.5 49.2 73.8



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



#52

Acenaphthene

Concen: 39.672 ng

RT: 14.42 min Scan# 1977

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

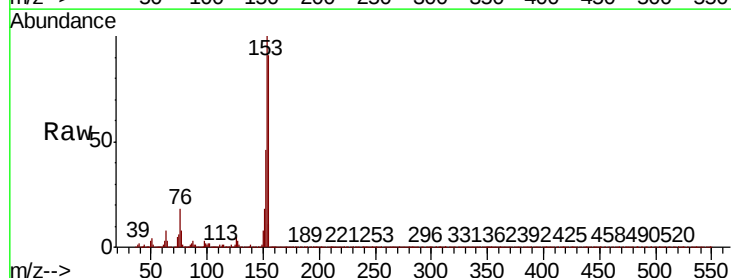
Tgt Ion:154 Resp: 371279

Ion Ratio Lower Upper

154 100

153 109.4 87.3 130.9

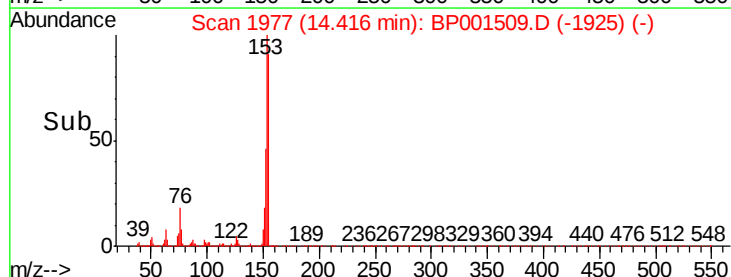
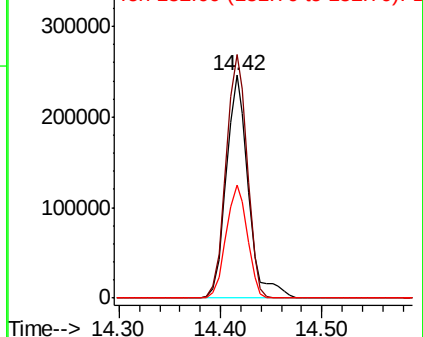
152 50.7 41.5 62.3

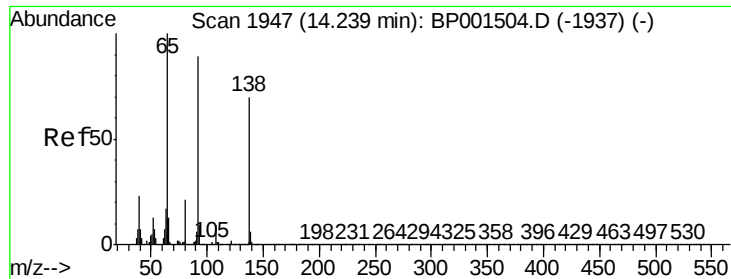


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

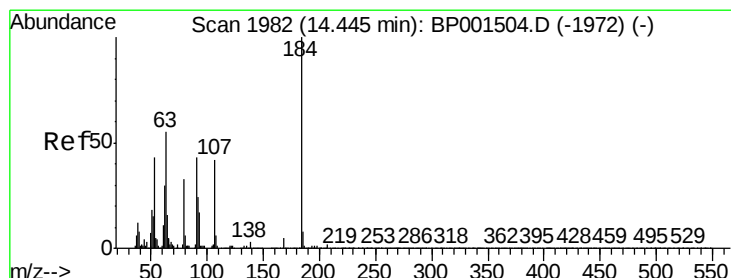
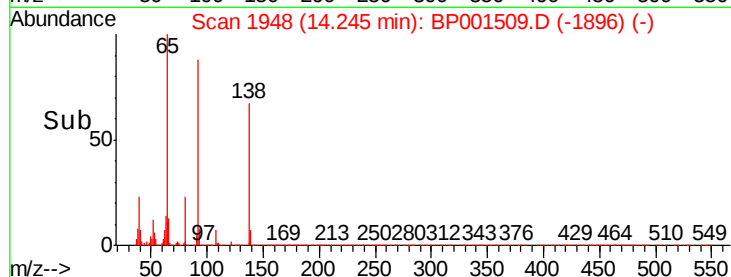
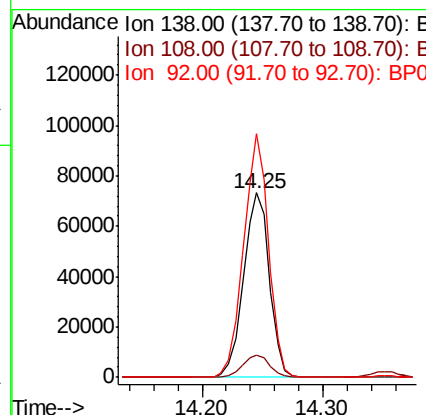
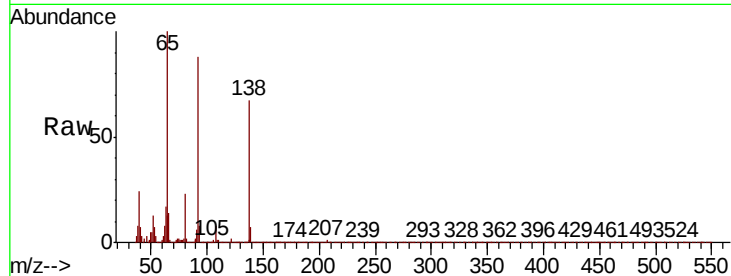




#53
3-Nitroaniline
Concen: 39.650 ng
RT: 14.25 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

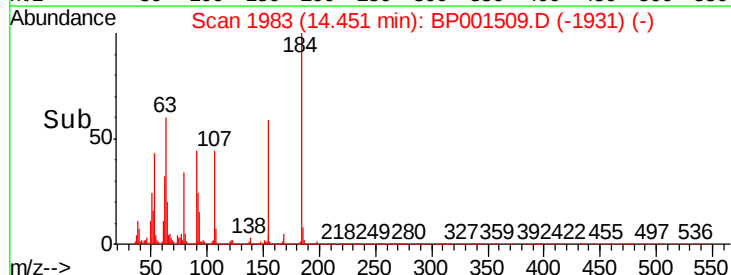
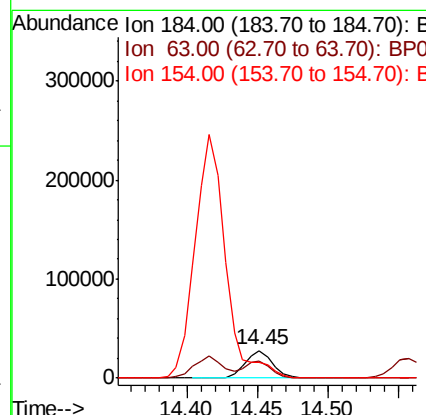
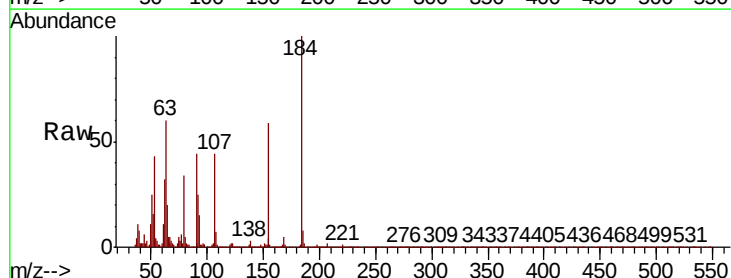
Instrument :
BNA_P
ClientSampleId :
ICVBP010320

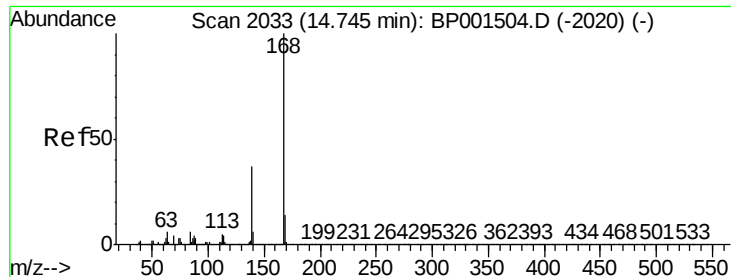
Tot Ion:138 Resp: 108890
Ion Ratio Lower Upper
138 100
108 12.0 10.8 16.2
92 131.9 102.3 153.5



#54
2,4-Dinitrophenol
Concen: 41.431 ng
RT: 14.45 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion:184 Resp: 38393
Ion Ratio Lower Upper
184 100
63 60.0 50.0 75.0
154 58.6 49.2 73.8





#55

Dibenzofuran

Concen: 39.300 ng

RT: 14.76 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampleId :

ICVBP010320

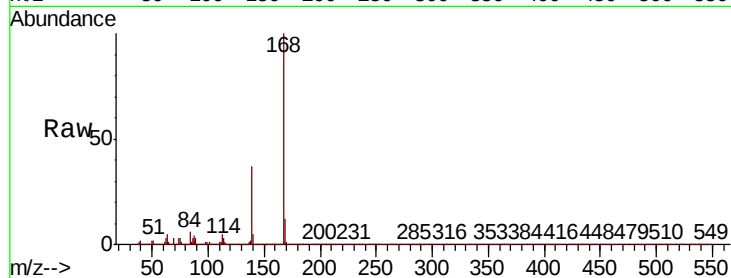
Tot Ion:168 Resp: 563388

Ion Ratio Lower Upper

168 100

139 36.8 29.8 44.6

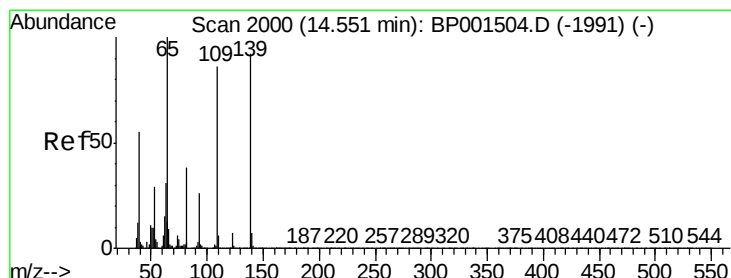
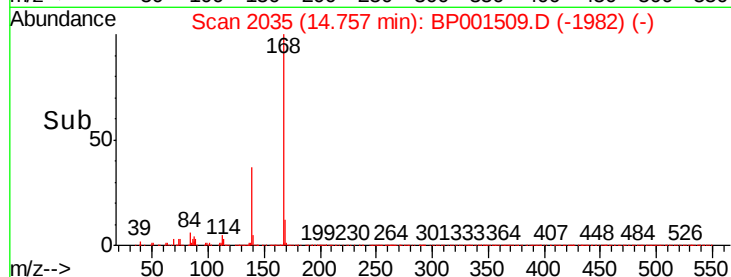
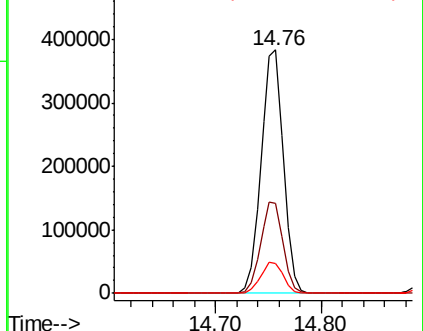
169 12.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.646 ng

RT: 14.56 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

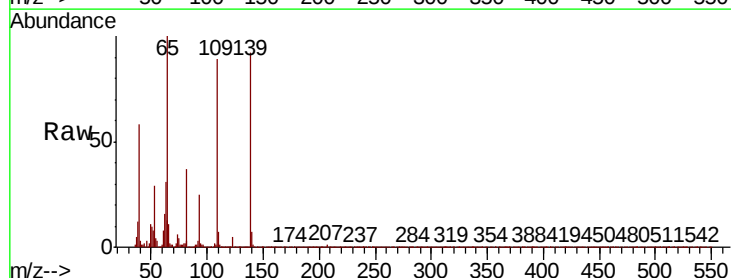
Tgt Ion:139 Resp: 83476

Ion Ratio Lower Upper

139 100

109 97.0 72.8 112.8

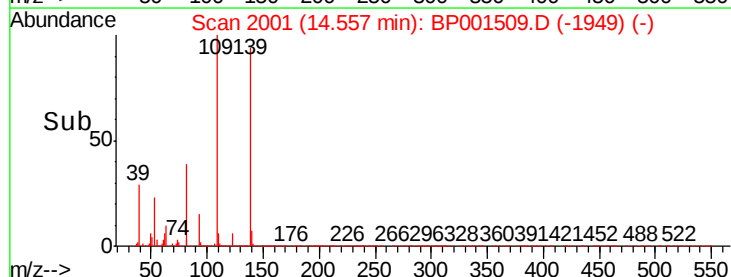
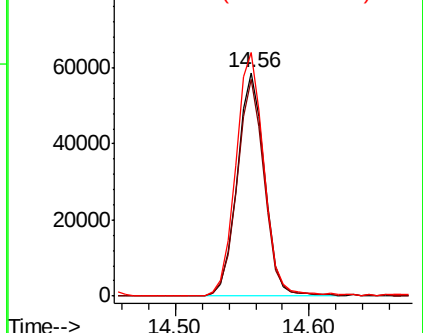
65 108.8 88.5 128.5

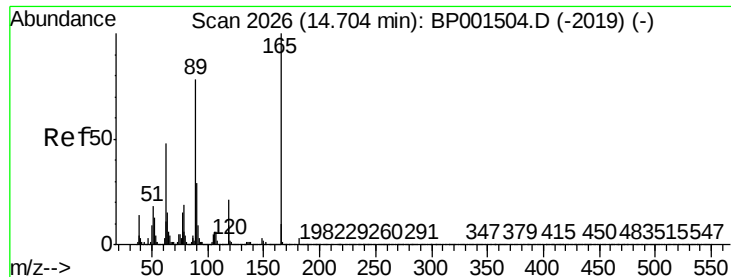


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

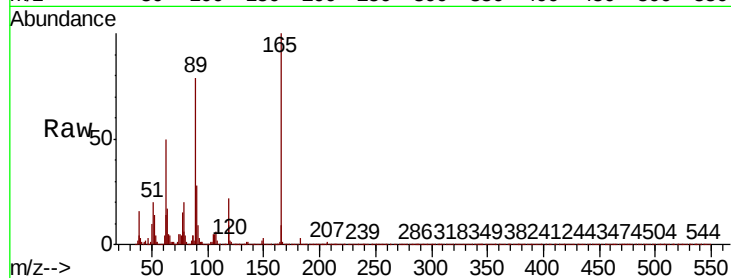




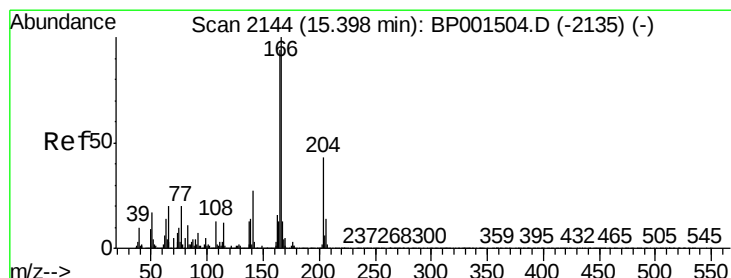
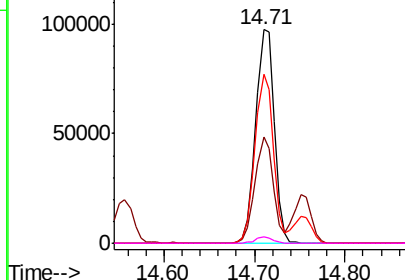
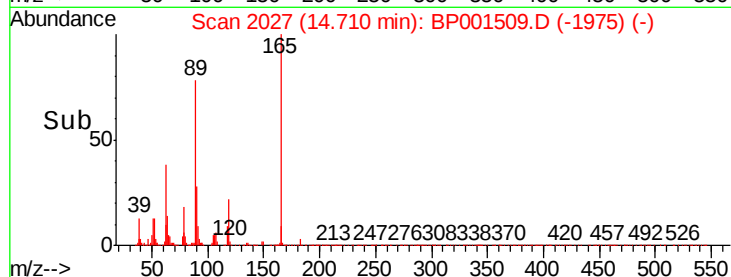
#57
2,4-Dinitrotoluene
Concen: 42.042 ng
RT: 14.71 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Instrument :
BNA_P
ClientSampleId :
ICVBP010320

Tot Ion:165 Resp: 138018
Ion Ratio Lower Upper
165 100
63 50.0 38.9 58.3
89 79.1 62.2 93.2
182 2.9 2.2 3.2

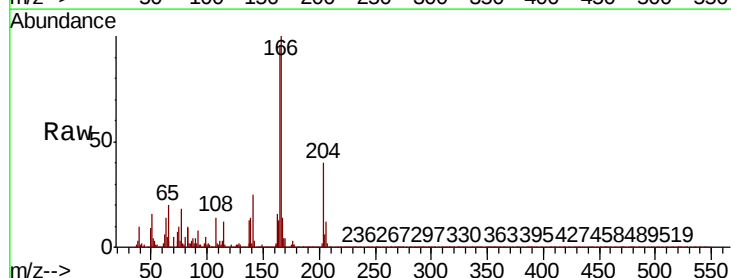


Abundance Ion 165.00 (164.70 to 165.70): E
150000
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

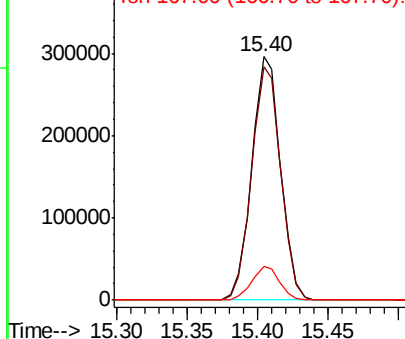
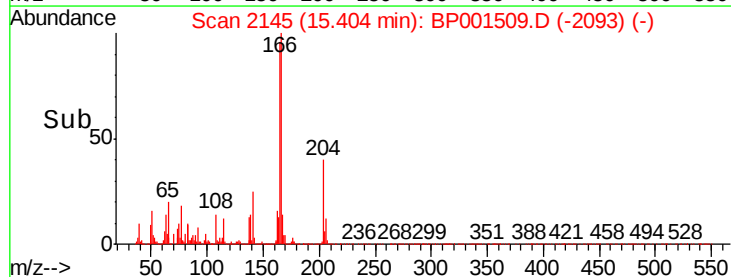


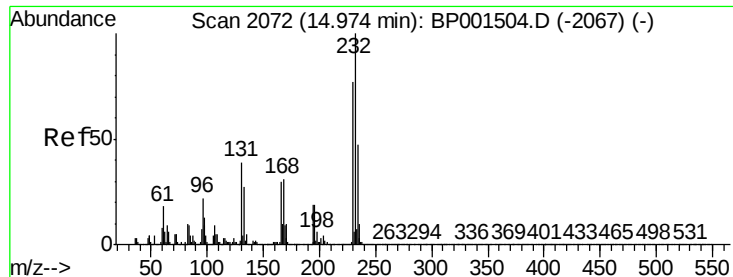
#58
Fluorene
Concen: 38.861 ng
RT: 15.40 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion:166 Resp: 424344
Ion Ratio Lower Upper
166 100
165 95.8 75.3 112.9
167 13.6 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
400000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

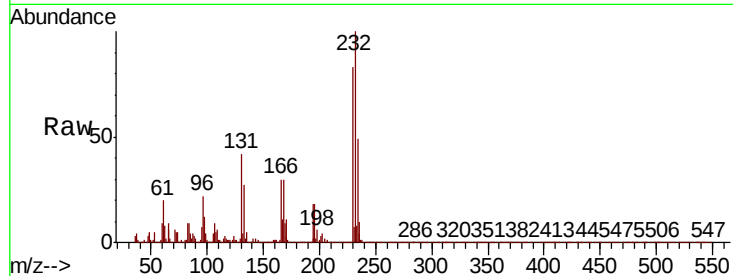




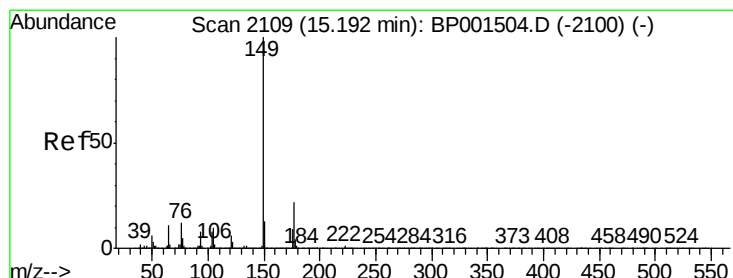
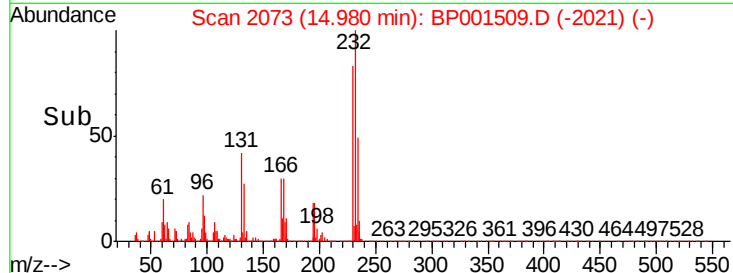
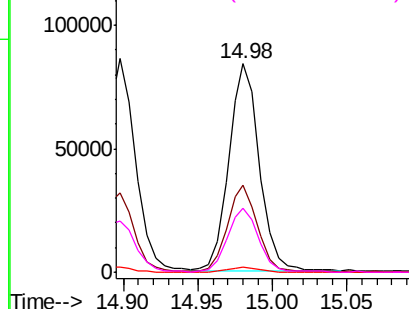
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.925 ng
RT: 14.98 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Instrument :
BNA_P
ClientSampleId :
ICVBP010320

Tot Ion:	232	Resp:	119991
Ion	Ratio	Lower	Upper
232	100		
131	41.7	33.5	50.3
130	2.4	1.9	2.9
166	31.4	24.6	37.0

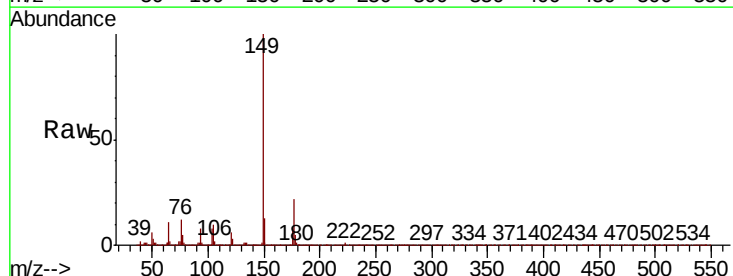


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

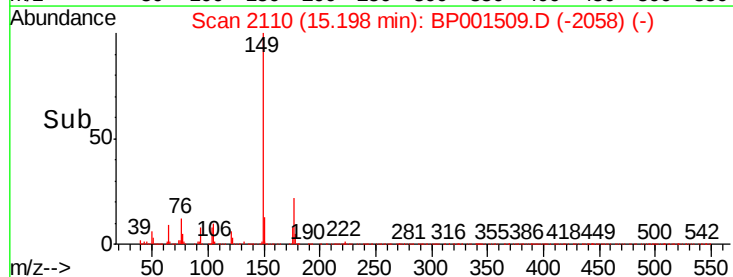
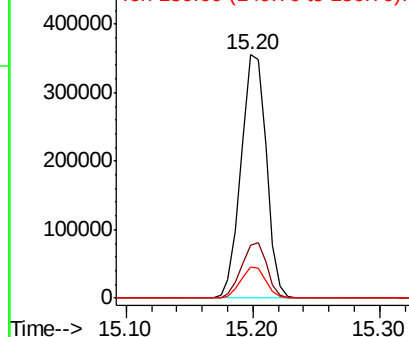


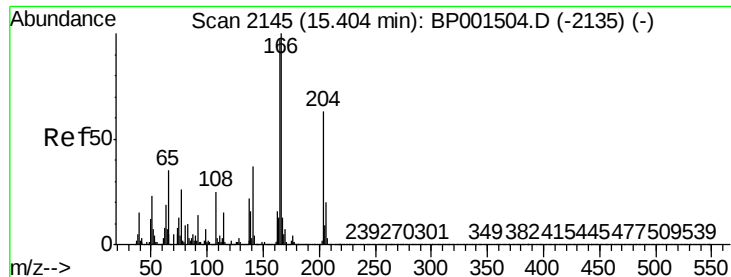
#60
Diethylphthalate
Concen: 39.296 ng
RT: 15.20 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion:	149	Resp:	489752
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.7	26.5
150	12.6	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

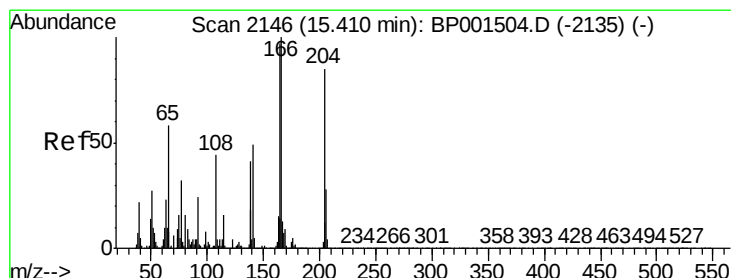
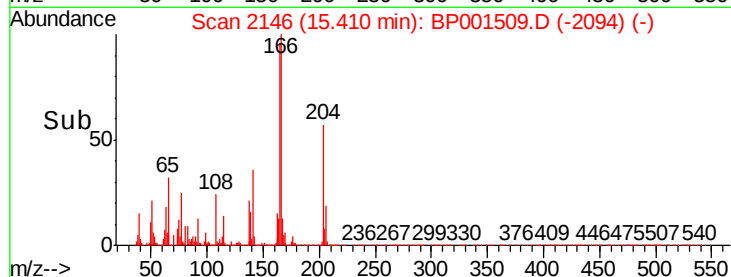
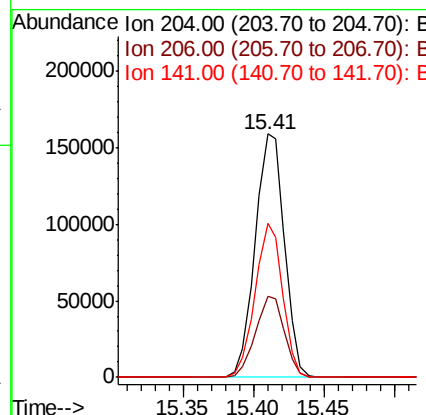
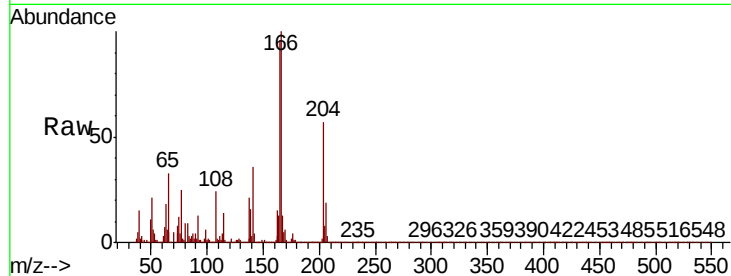




#61
4-Chlorophenyl-phenylether
Concen: 39.369 ng
RT: 15.41 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

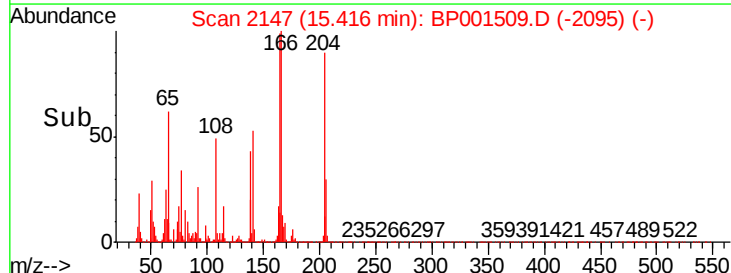
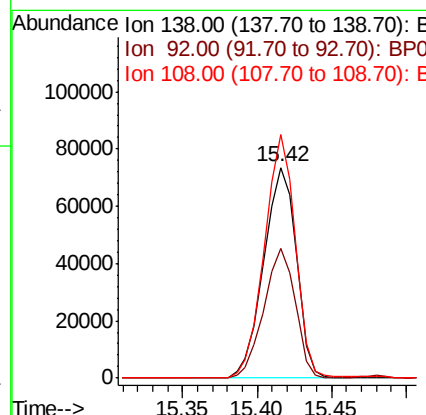
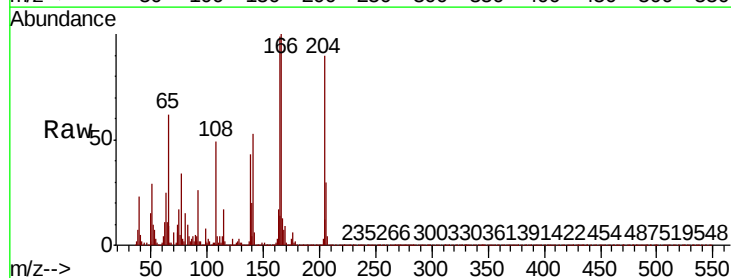
Instrument :
BNA_P
ClientSampleId :
ICVBP010320

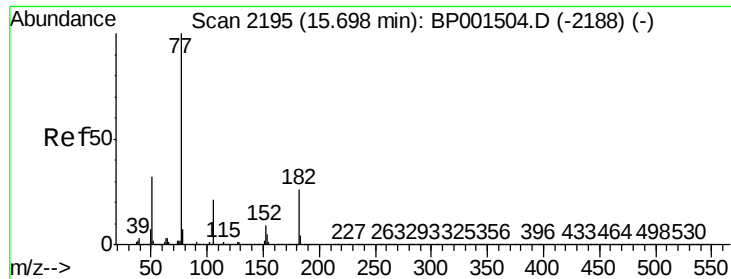
Tot Ion:204 Resp: 231873
Ion Ratio Lower Upper
204 100
206 33.4 26.1 39.1
141 63.5 47.7 71.5



#62
4-Nitroaniline
Concen: 40.358 ng
RT: 15.42 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion:138 Resp: 111257
Ion Ratio Lower Upper
138 100
92 61.4 37.5 77.5
108 115.5 86.4 126.4





#63

Azobenzene

Concen: 38.733 ng

RT: 15.70 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampleId :

ICVBP010320

Tot Ion: 77 Resp: 466354

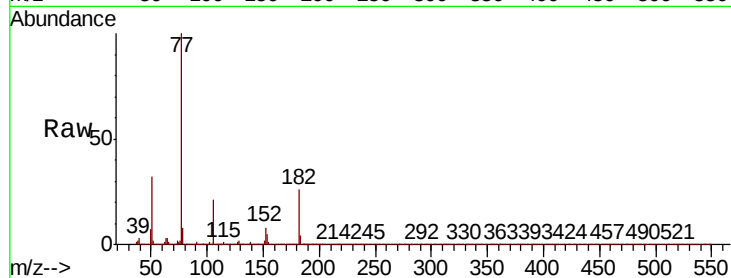
Ion Ratio Lower Upper

77 100

182 25.7 6.1 46.1

105 21.0 0.6 40.6

51 32.3 11.9 51.9

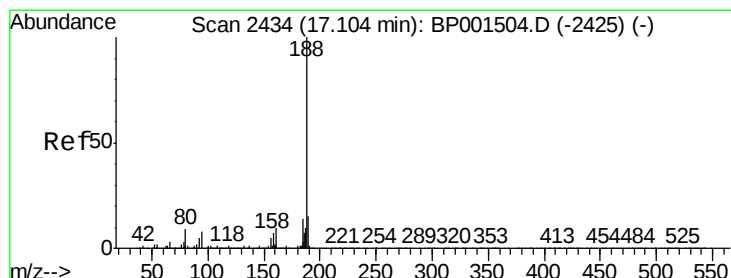
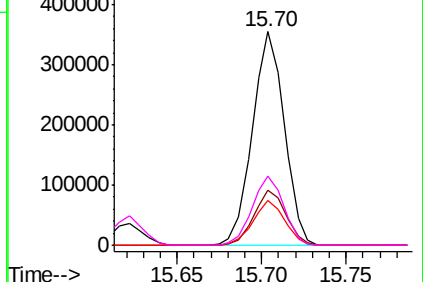
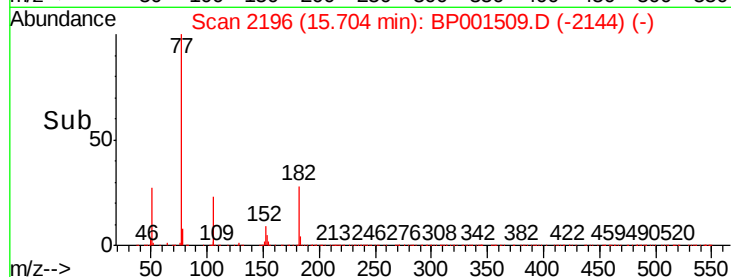


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.11 min Scan# 2435

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

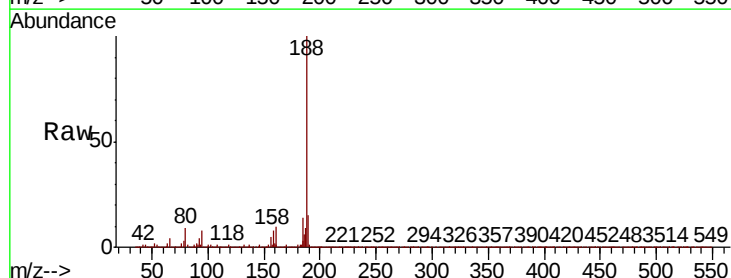
Tgt Ion: 188 Resp: 348066

Ion Ratio Lower Upper

188 100

94 7.5 6.5 9.7

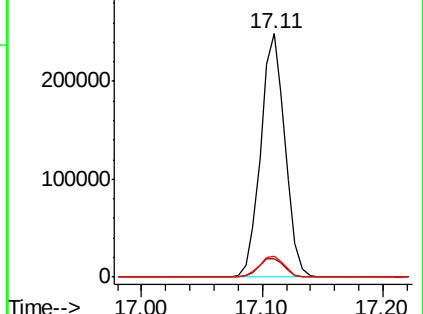
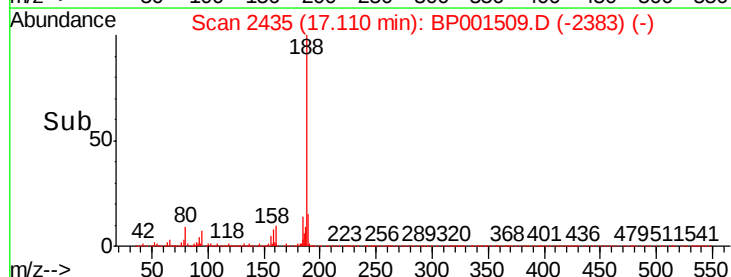
80 8.6 7.3 10.9

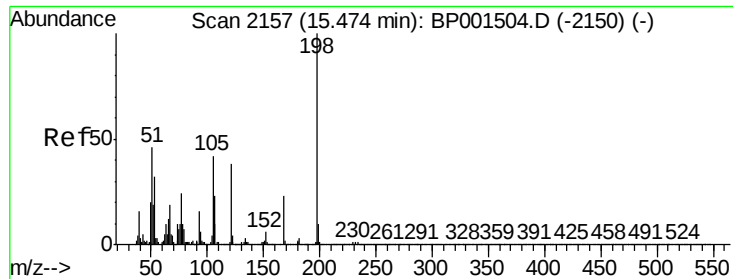


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 41.288 ng

RT: 15.48 min Scan# 2158

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampleId :

ICVBP010320

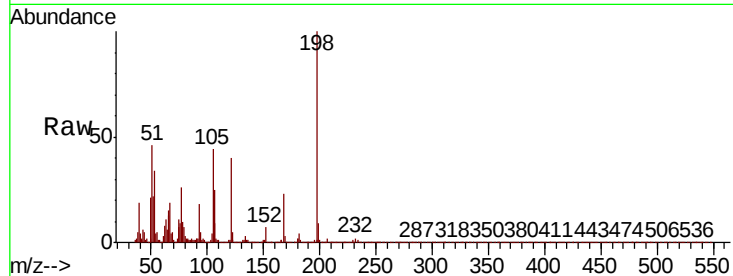
Tot Ion:198 Resp: 53840

Ion Ratio Lower Upper

198 100

51 46.3 26.9 66.9

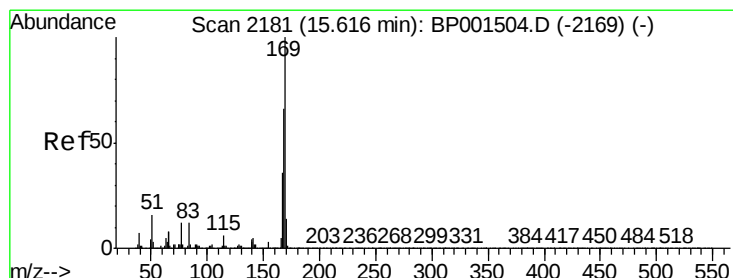
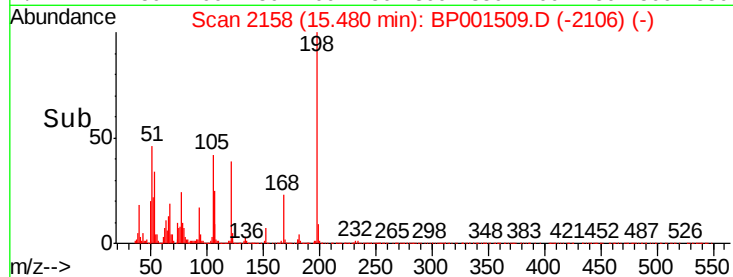
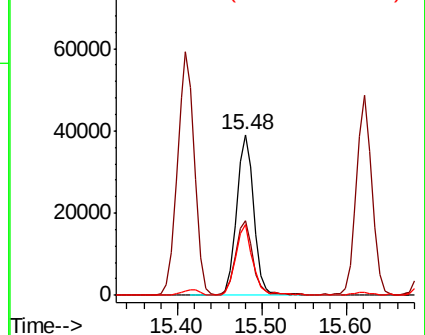
105 44.5 22.5 62.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.816 ng

RT: 15.62 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

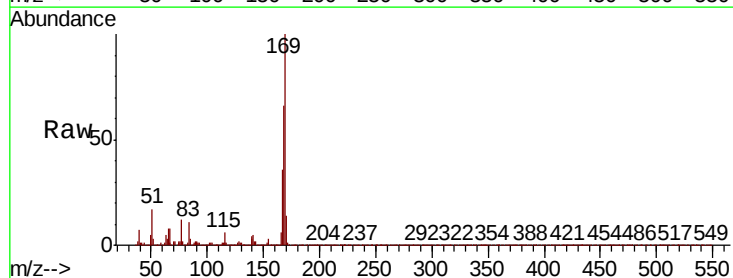
Tgt Ion:169 Resp: 391535

Ion Ratio Lower Upper

169 100

168 66.3 52.7 79.1

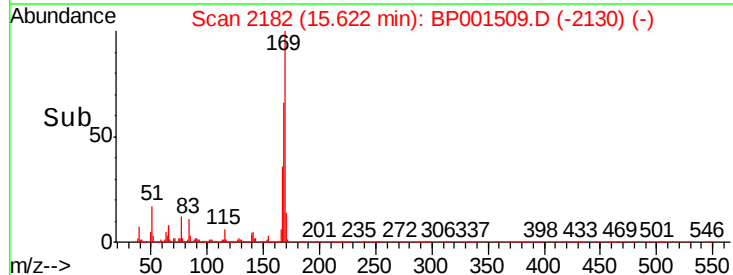
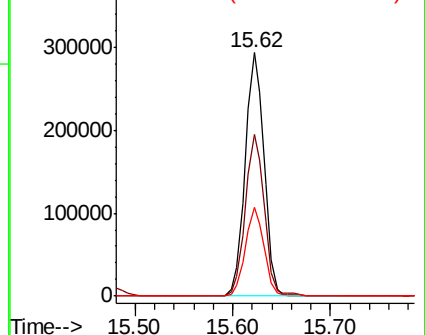
167 36.4 28.5 42.7

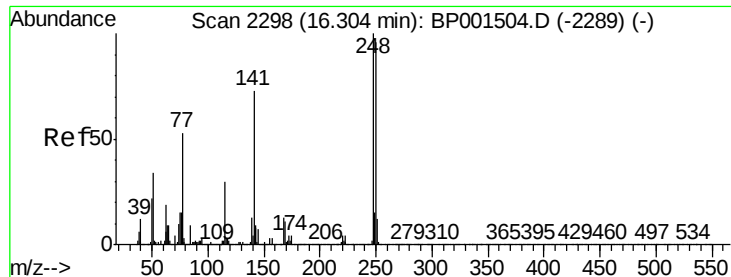


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

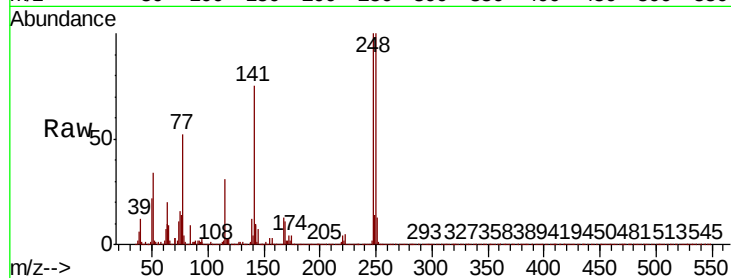




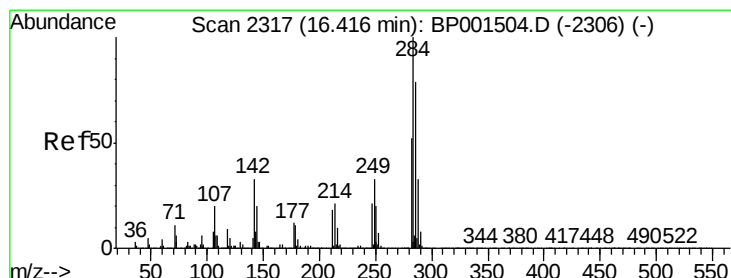
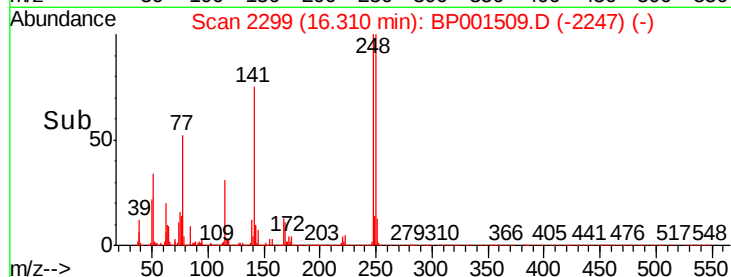
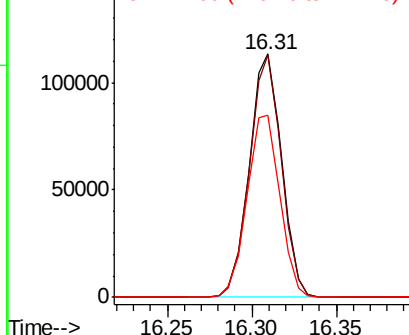
#67
4-Bromophenyl-phenylether
Concen: 39.063 ng
RT: 16.31 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Instrument :
BNA_P
ClientSampleId :
ICVBP010320

Tot Ion:248 Resp: 150584
Ion Ratio Lower Upper
248 100
250 99.6 76.7 115.1
141 74.7 58.5 87.7

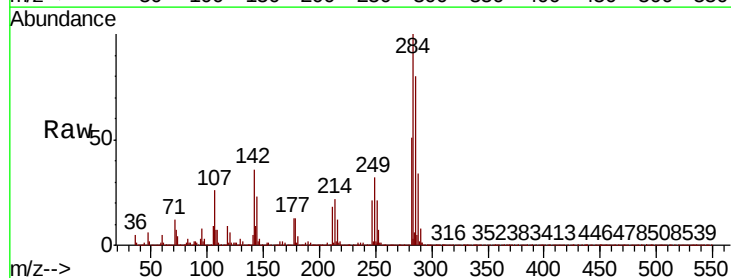


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

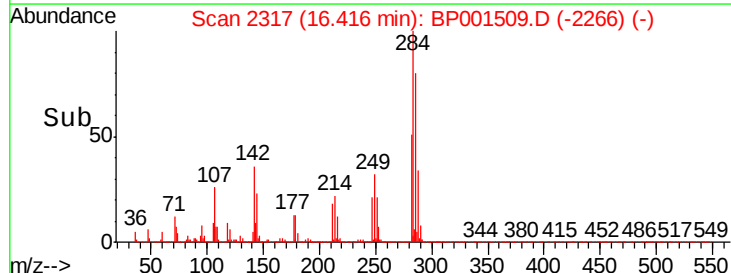
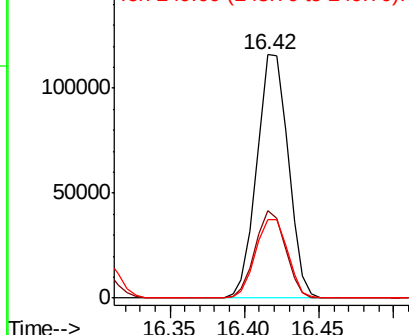


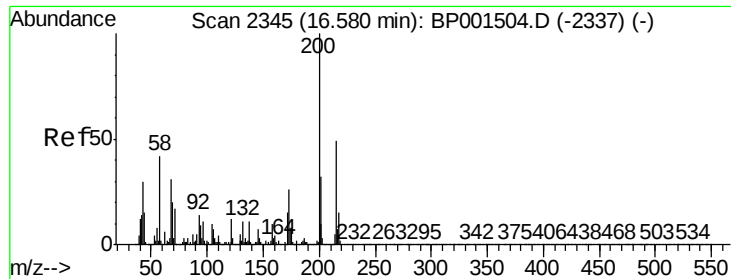
#68
Hexachlorobenzene
Concen: 38.829 ng
RT: 16.42 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion:284 Resp: 168383
Ion Ratio Lower Upper
284 100
142 35.8 26.2 39.2
249 32.3 26.0 39.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.508 ng

RT: 16.59 min Scan# 2346

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampled :

ICVBP010320

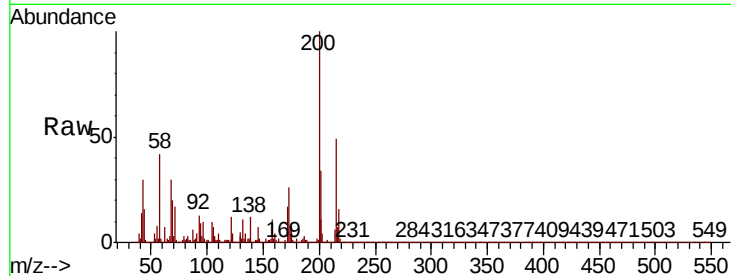
Tot Ion:200 Resp: 141226

Ion Ratio Lower Upper

200 100

173 25.7 5.8 45.8

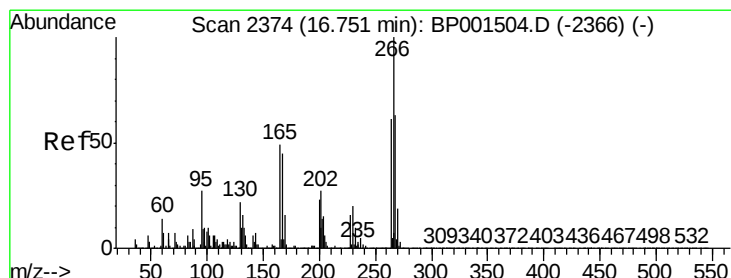
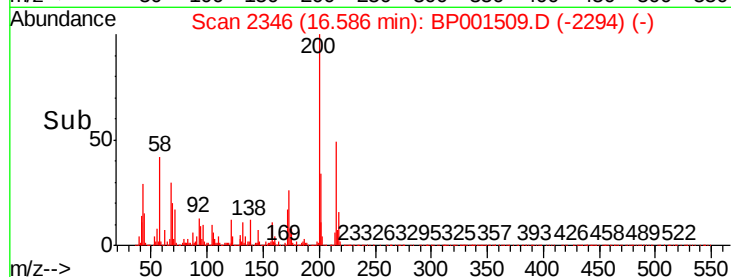
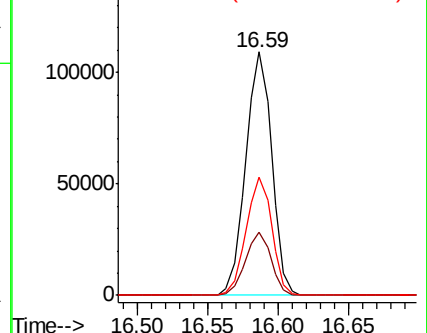
215 48.5 28.6 68.6



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: 40.408 ng

RT: 16.76 min Scan# 2375

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

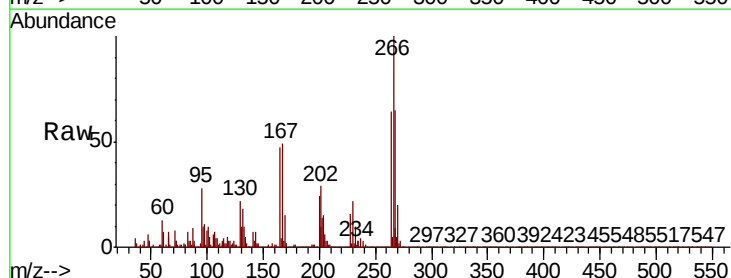
Tgt Ion:266 Resp: 90154

Ion Ratio Lower Upper

266 100

268 65.0 50.3 75.5

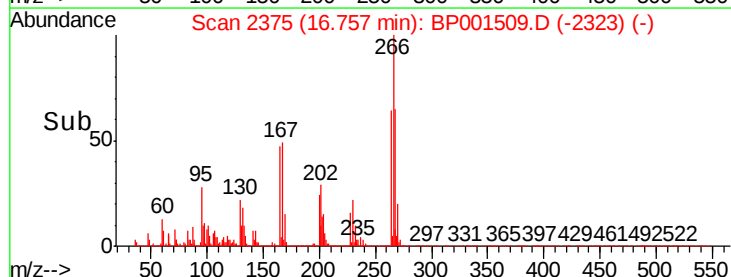
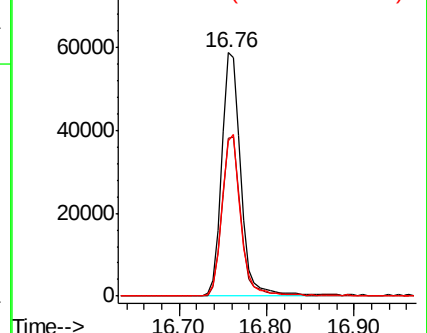
264 63.7 49.2 73.8

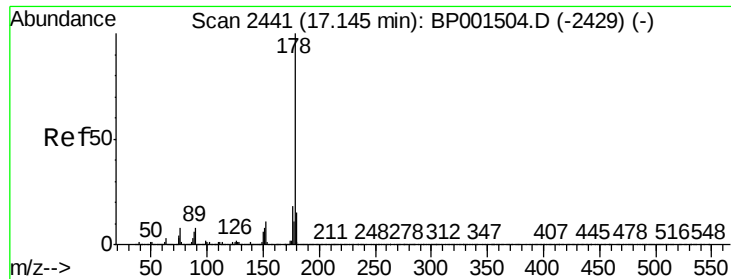


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

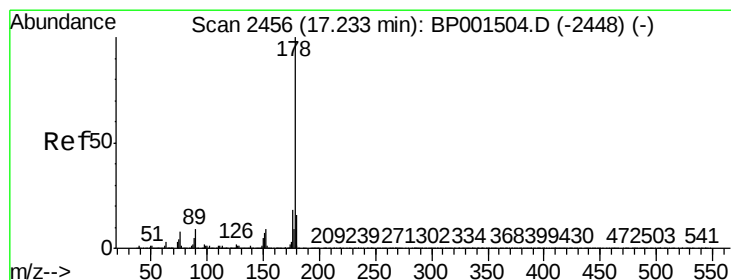
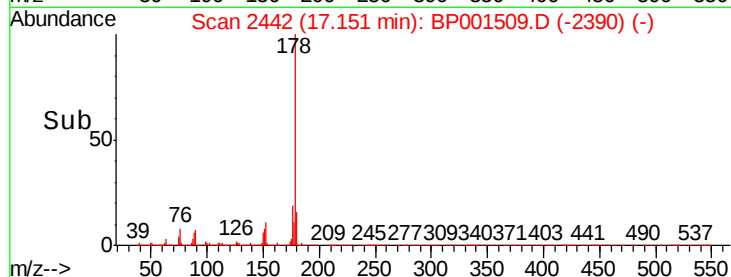
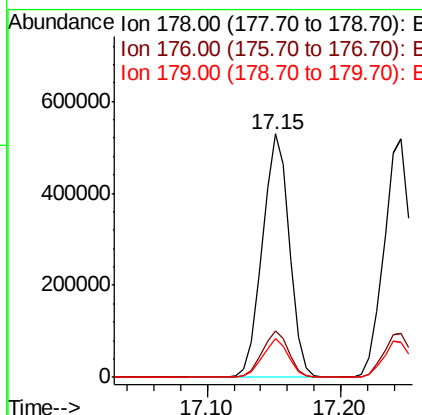
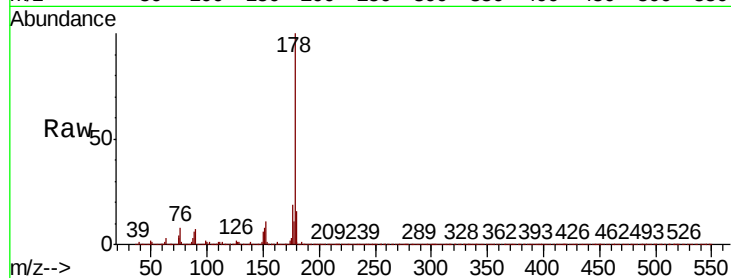




#71
Phenanthrene
Concen: 39.005 ng
RT: 17.15 min Scan# 2442
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

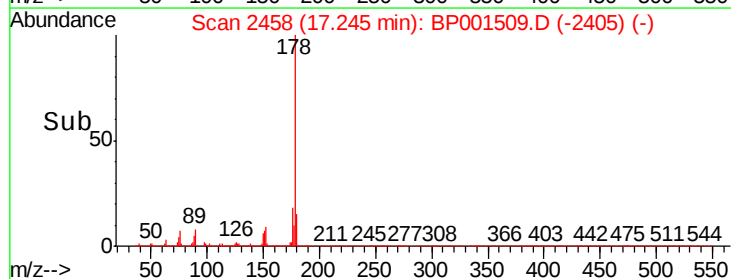
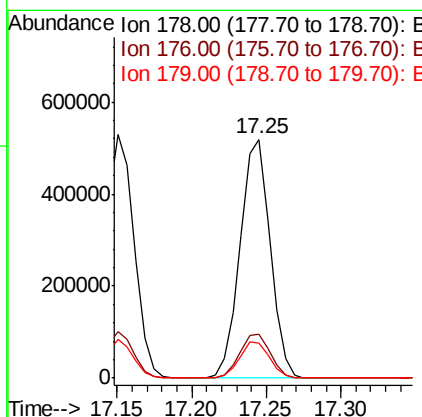
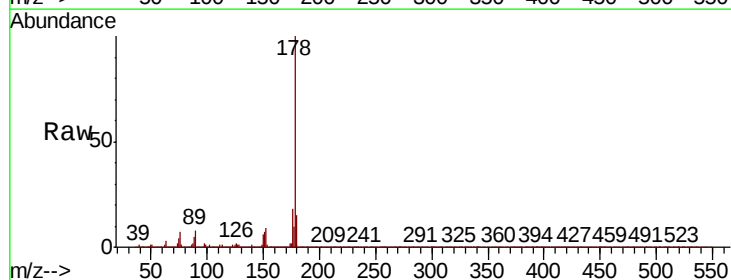
Instrument :
BNA_P
ClientSampleId :
ICVBP010320

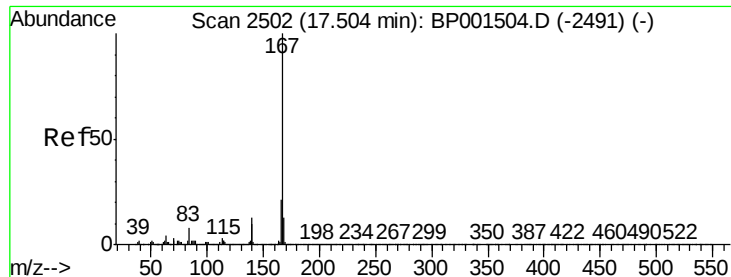
Tot Ion:178 Resp: 736348
Ion Ratio Lower Upper
178 100
176 19.2 14.6 22.0
179 15.8 12.3 18.5



#72
Anthracene
Concen: 38.723 ng
RT: 17.25 min Scan# 2458
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion:178 Resp: 724529
Ion Ratio Lower Upper
178 100
176 18.4 14.4 21.6
179 14.6 12.5 18.7





#73

Carbazole

Concen: 39.242 ng

RT: 17.51 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampleId :

ICVBP010320

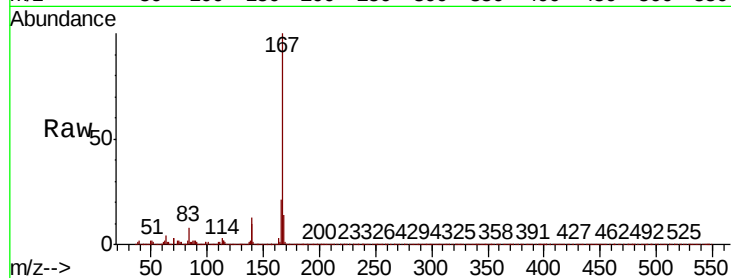
Tot Ion:167 Resp: 679399

Ion Ratio Lower Upper

167 100

166 20.8 17.0 25.6

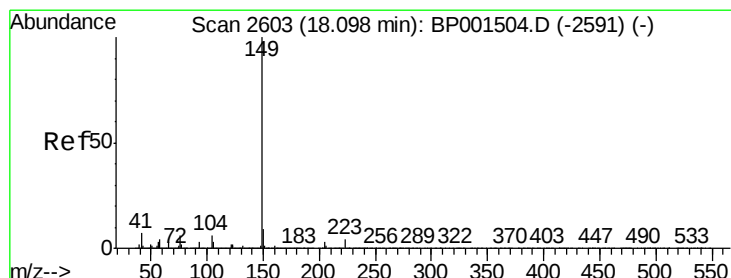
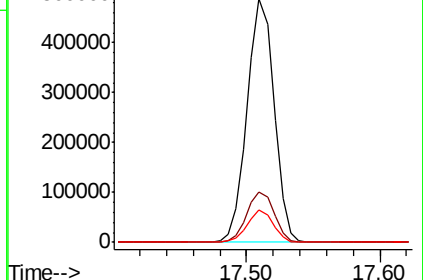
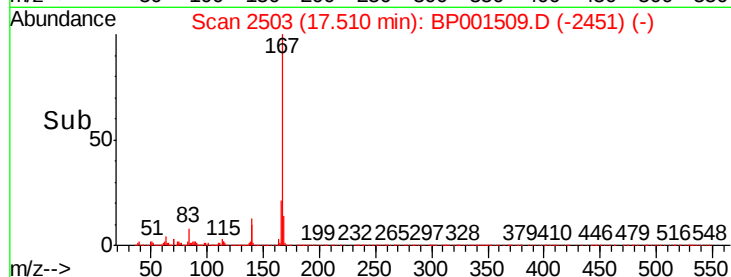
139 13.2 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.948 ng

RT: 18.10 min Scan# 2604

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

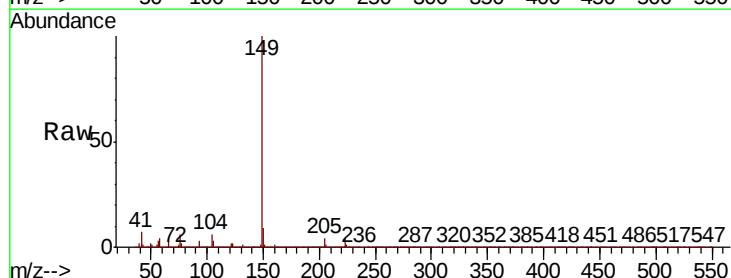
Tgt Ion:149 Resp: 855859

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

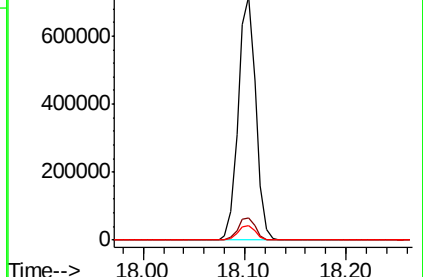
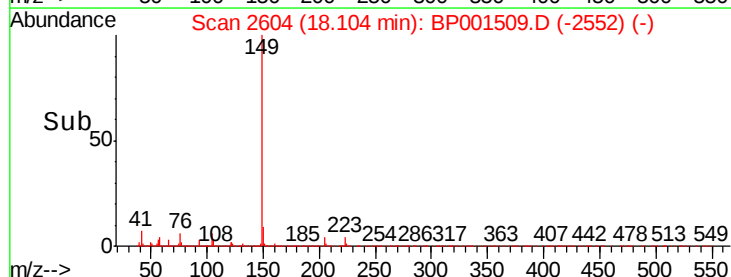
104 5.8 4.6 6.8

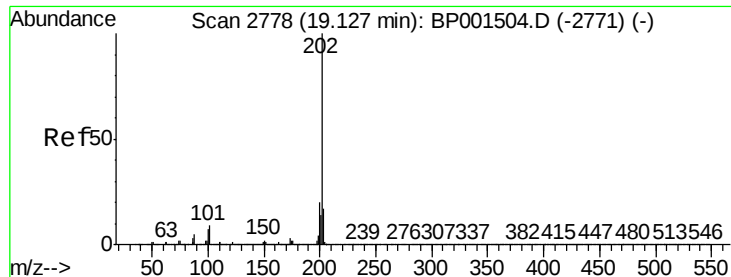


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.820 ng

RT: 19.13 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampleId :

ICVBP010320

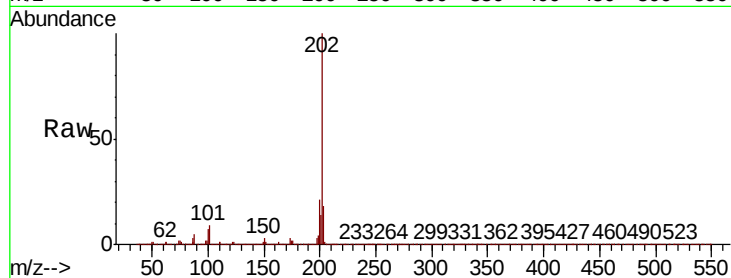
Tot Ion:202 Resp: 910018

Ion Ratio Lower Upper

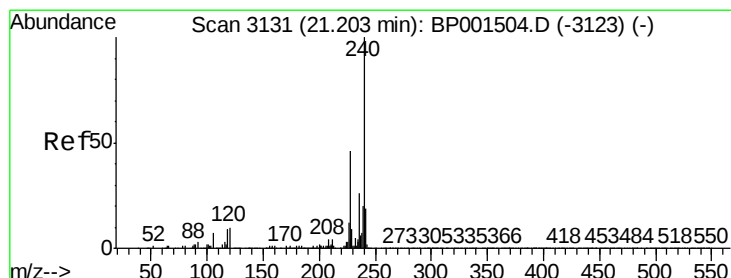
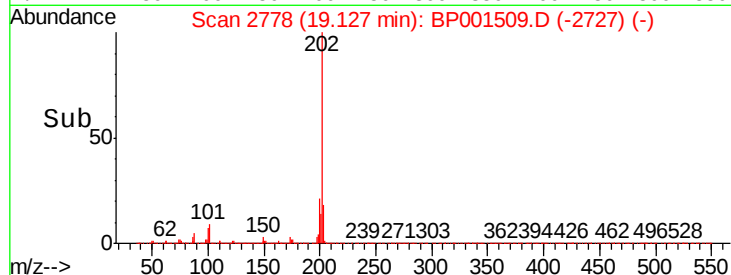
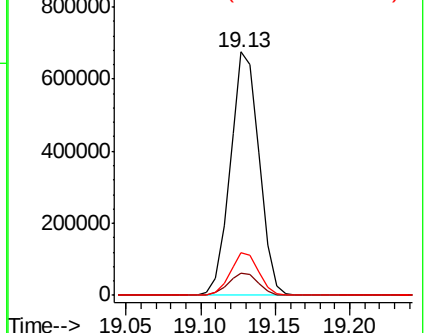
202 100

101 9.3 0.0 29.3

203 17.6 0.0 36.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.21 min Scan# 3132

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

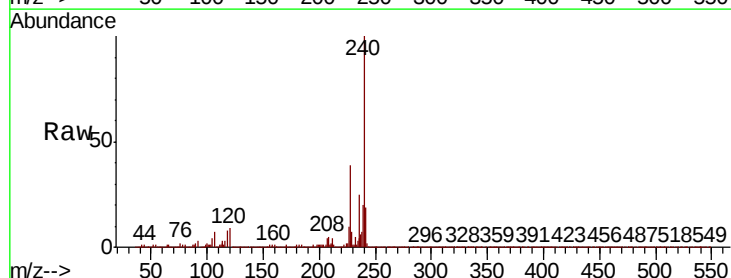
Tgt Ion:240 Resp: 339398

Ion Ratio Lower Upper

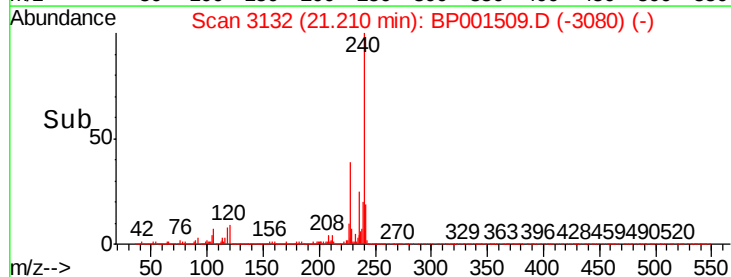
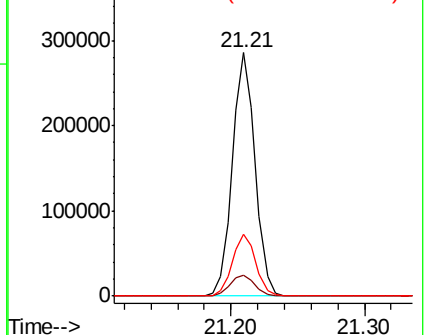
240 100

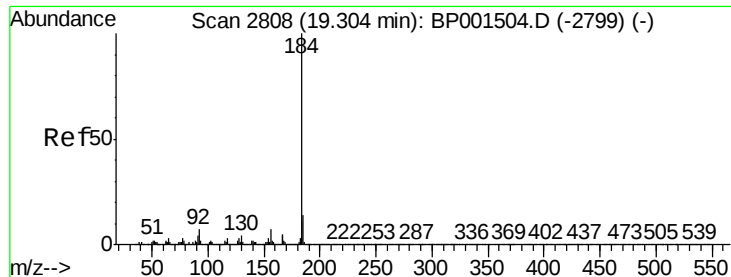
120 8.7 8.1 12.1

236 25.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.927 ng

RT: 19.31 min Scan# 2809

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampleId :

ICVBP010320

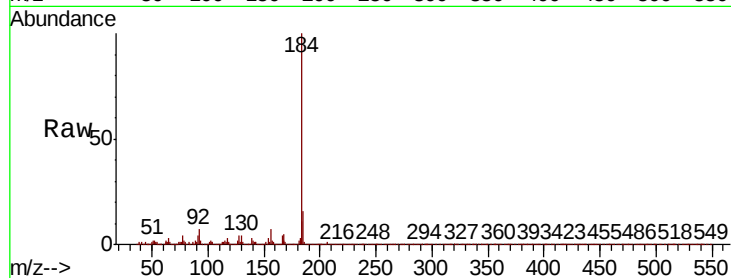
Tot Ion:184 Resp: 387457

Ion Ratio Lower Upper

184 100

185 16.4 11.5 17.3

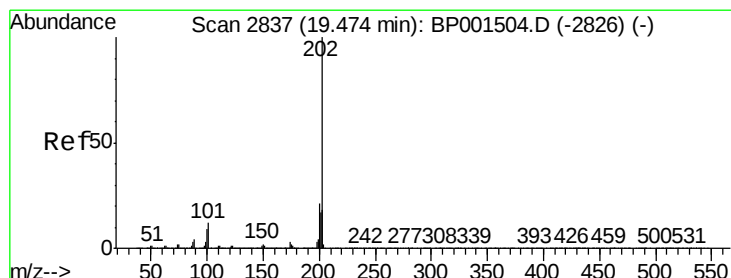
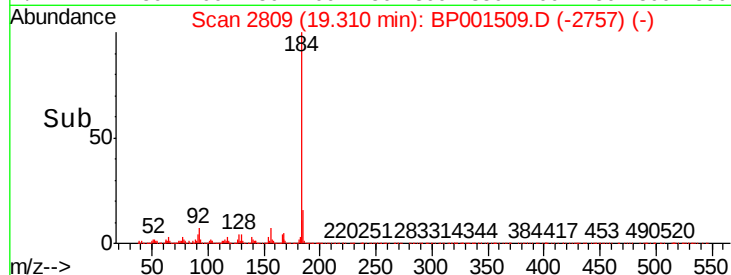
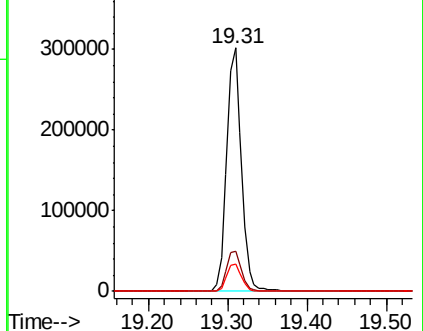
183 11.4 8.7 13.1



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: 37.881 ng

RT: 19.48 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

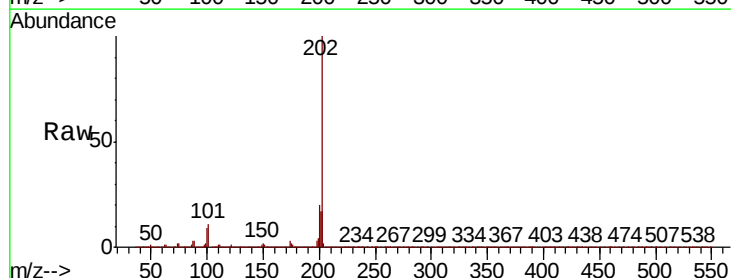
Tgt Ion:202 Resp: 932961

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

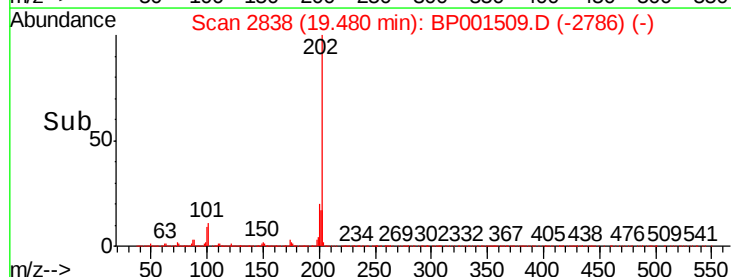
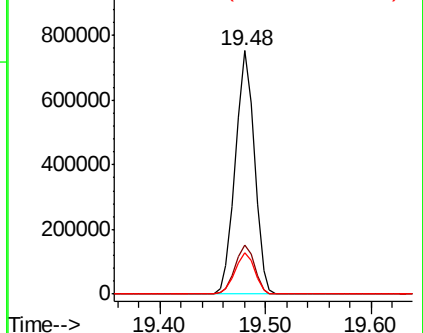
203 17.2 14.2 21.2

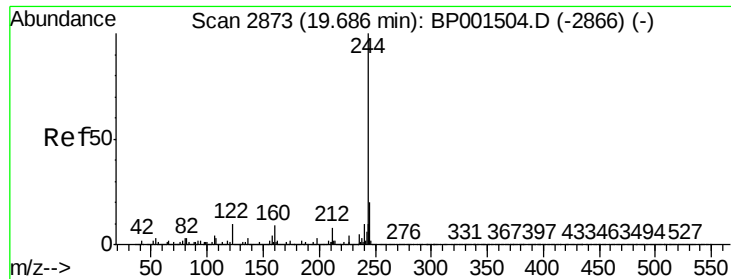


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.542 ng

RT: 19.69 min Scan# 2874

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampleId :

ICVBP010320

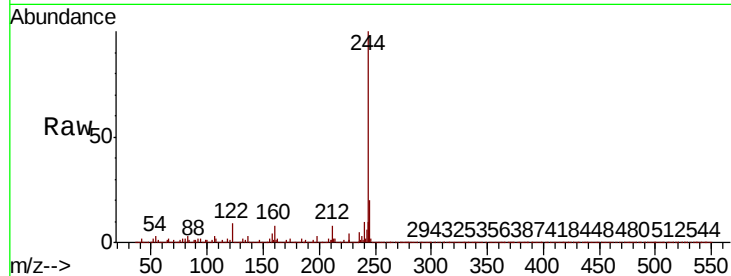
Tot Ion:244 Resp: 1303547

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

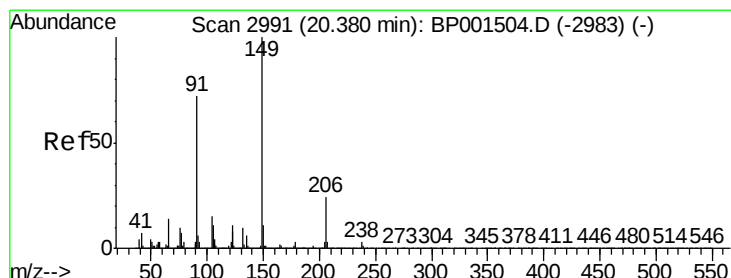
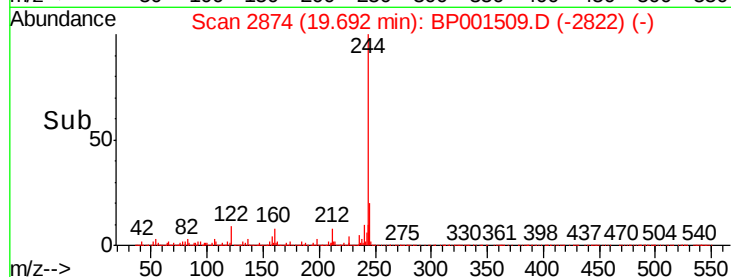
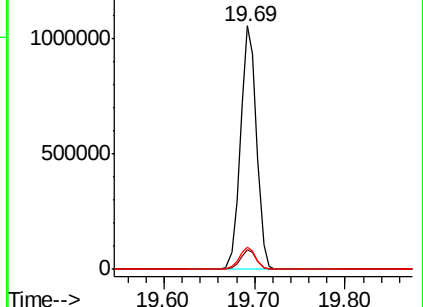
122 8.9 7.8 11.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.513 ng

RT: 20.38 min Scan# 2991

Delta R.T. 0.00 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

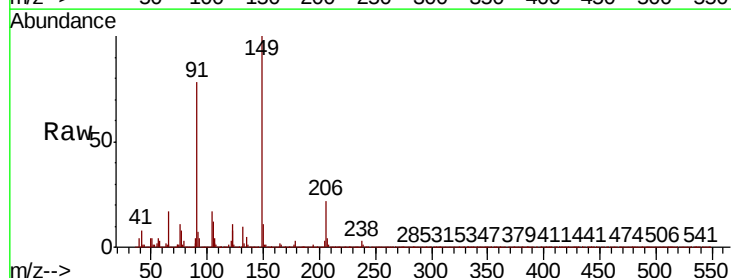
Tgt Ion:149 Resp: 408078

Ion Ratio Lower Upper

149 100

91 77.7 57.9 86.9

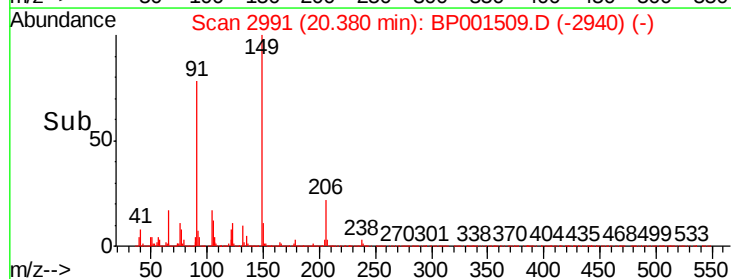
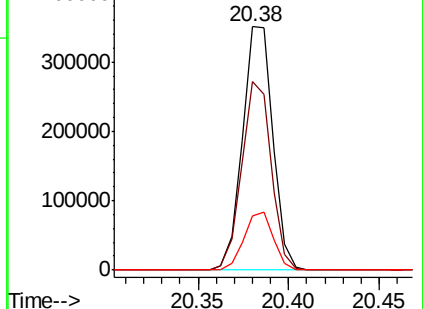
206 22.0 19.0 28.4

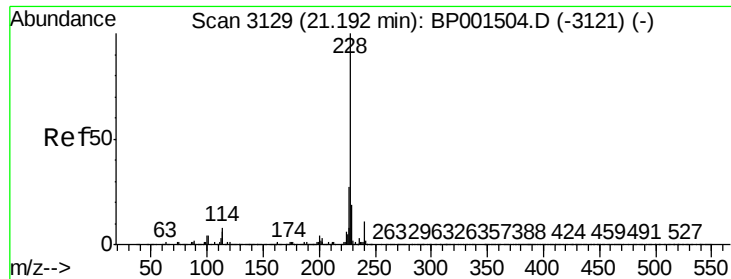


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.812 ng

RT: 21.19 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

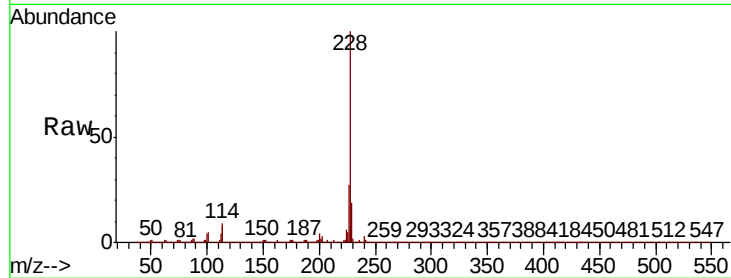
BNA_P

ClientSampleId :

ICVBP010320

Tot Ion:228 Resp: 924280

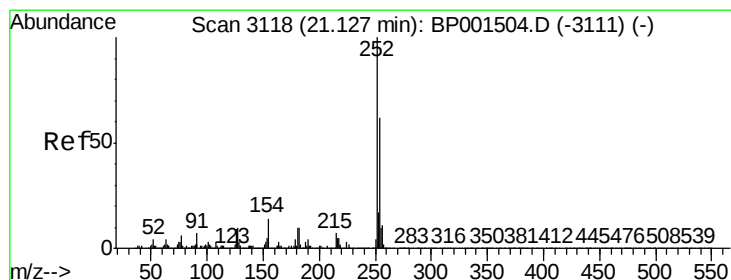
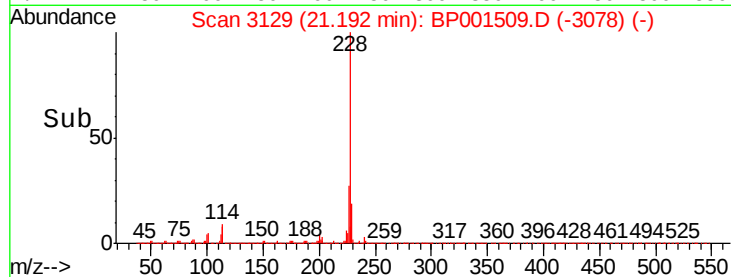
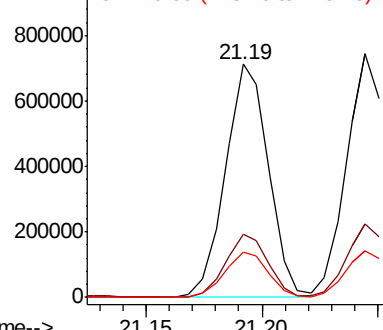
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	19.5	15.4	23.2



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: 40.280 ng

RT: 21.13 min Scan# 3118

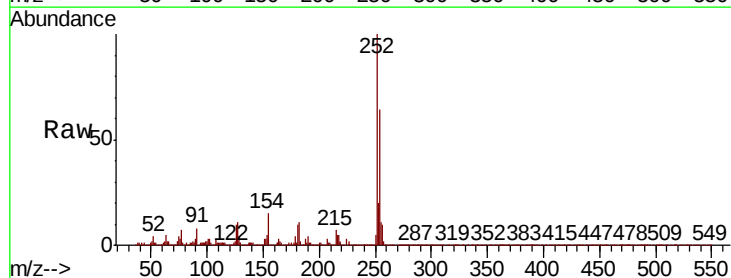
Delta R.T. 0.00 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Tgt Ion:252 Resp: 340496

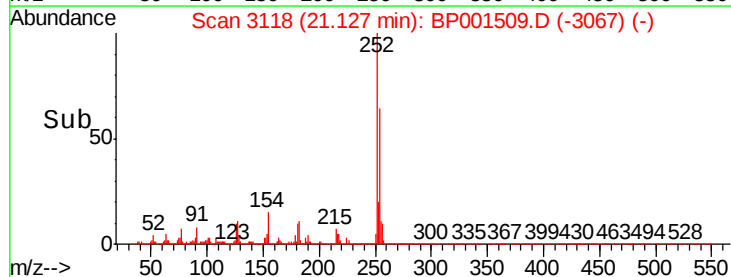
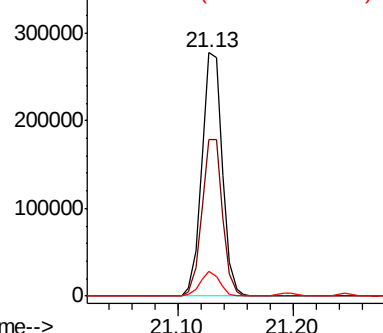
Ion	Ratio	Lower	Upper
252	100		
254	64.4	49.3	73.9
126	10.2	7.4	11.0

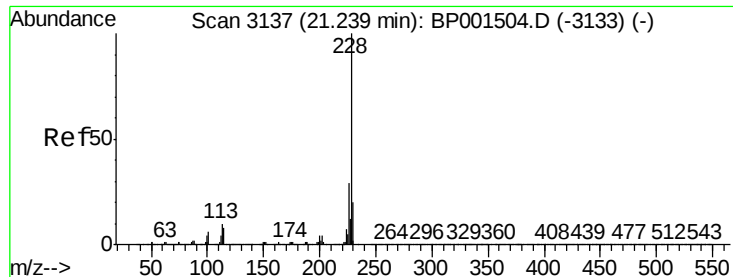


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.943 ng

RT: 21.24 min Scan# 3138

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

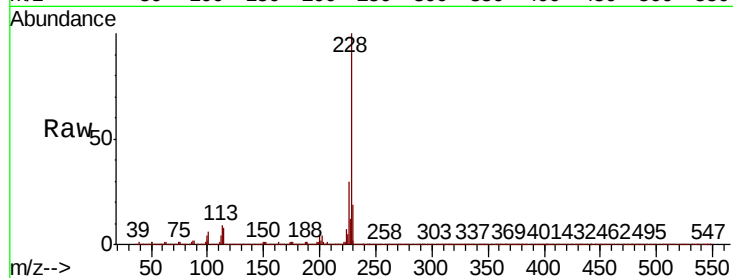
BNA_P

ClientSampleId :

ICVBP010320

Tot Ion:228 Resp: 889217

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.0	34.6
229	19.2	15.7	23.5

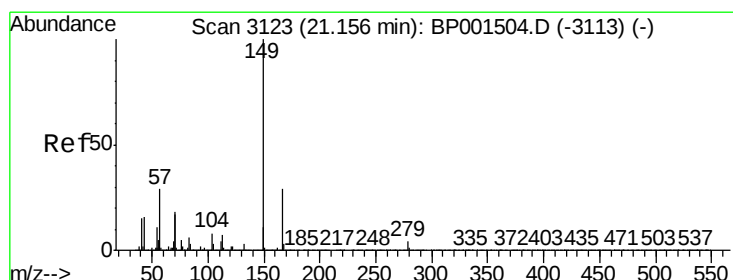
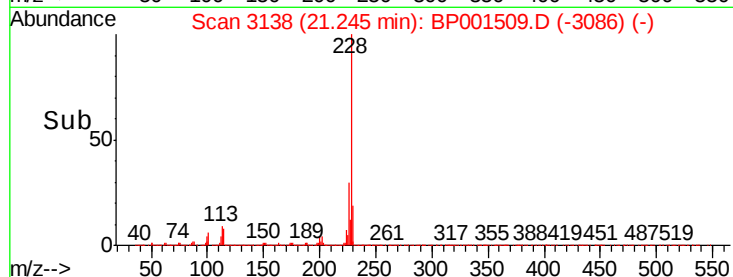
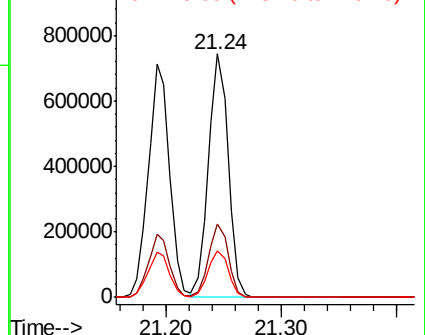


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.055 ng

RT: 21.16 min Scan# 3124

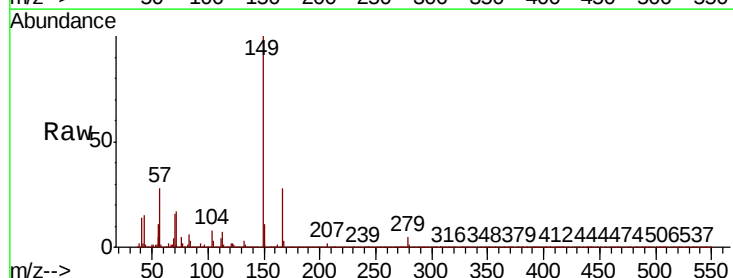
Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Tgt Ion:149 Resp: 606417

Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.1	34.7
279	4.6	3.4	5.2

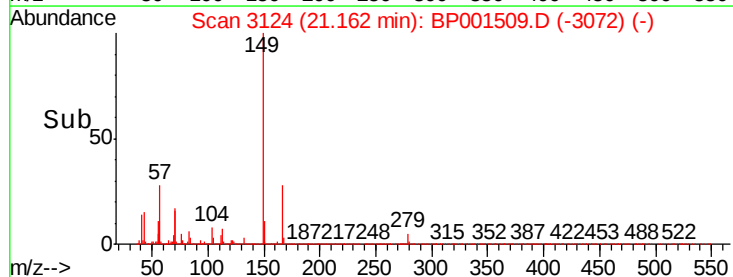
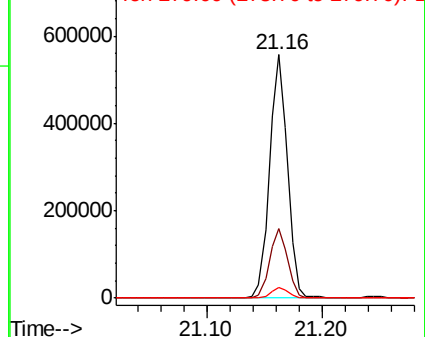


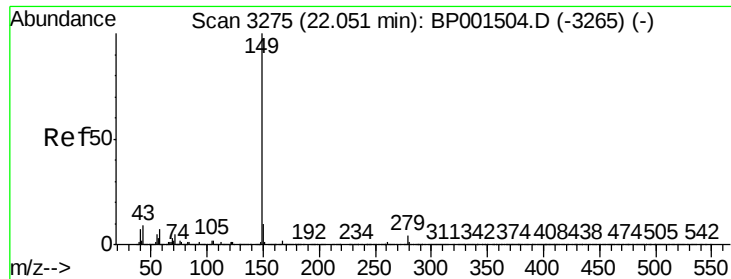
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.900 ng

RT: 22.05 min Scan# 3275

Delta R.T. 0.00 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampled :

ICVBP010320

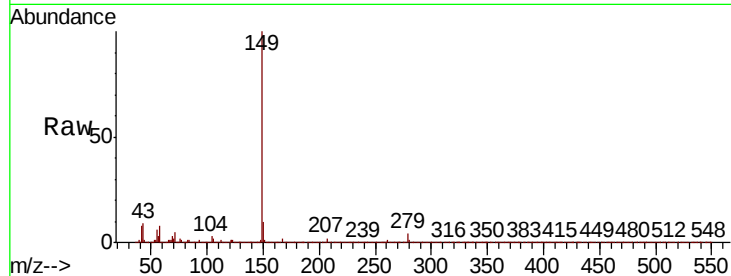
Tot Ion:149 Resp: 1050483

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

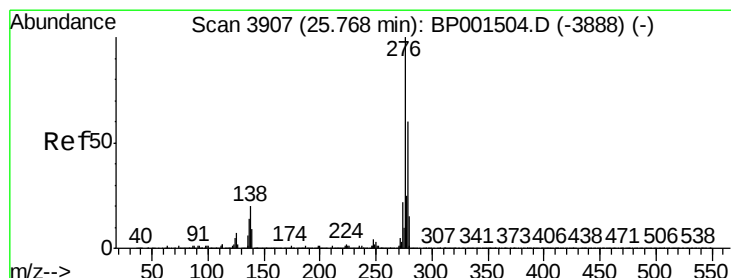
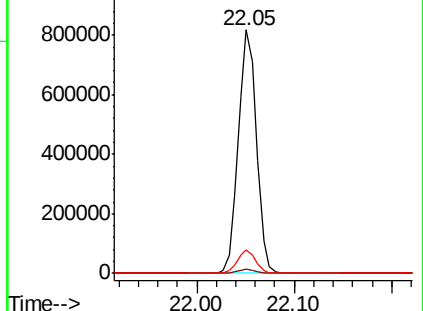
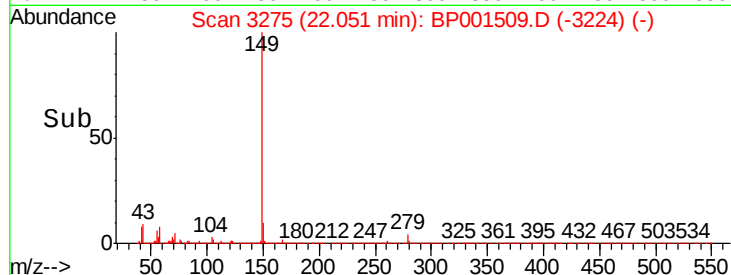
43 9.3 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.397 ng

RT: 25.78 min Scan# 3909

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

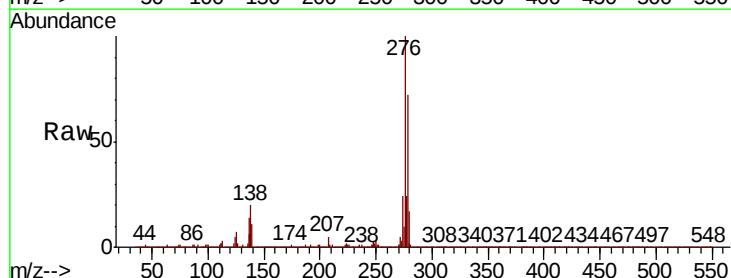
Tgt Ion:276 Resp: 1094849

Ion Ratio Lower Upper

276 100

138 21.5 17.8 26.8

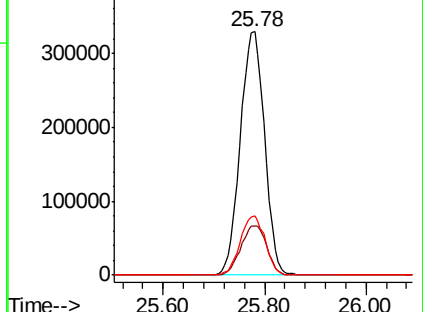
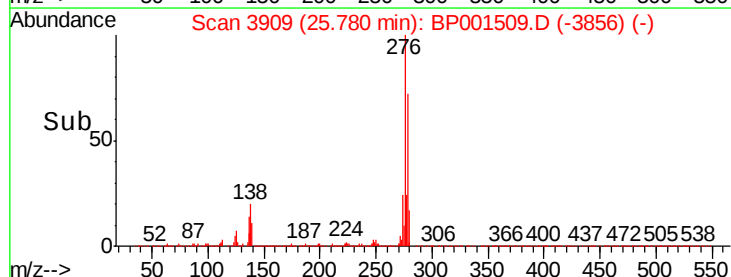
277 24.8 20.0 30.0

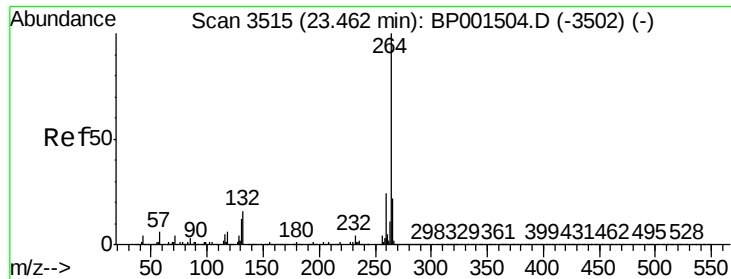


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.47 min Scan# 3517

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

Instrument :

BNA_P

ClientSampleId :

ICVBP010320

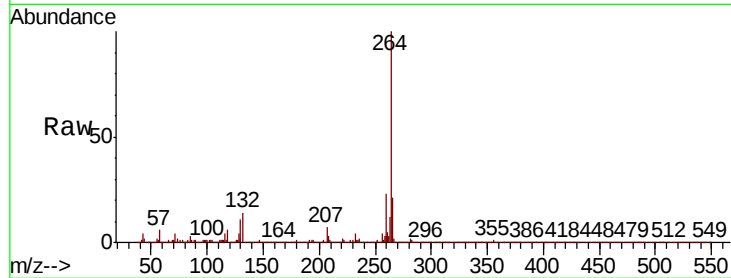
Tot Ion:264 Resp: 401486

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

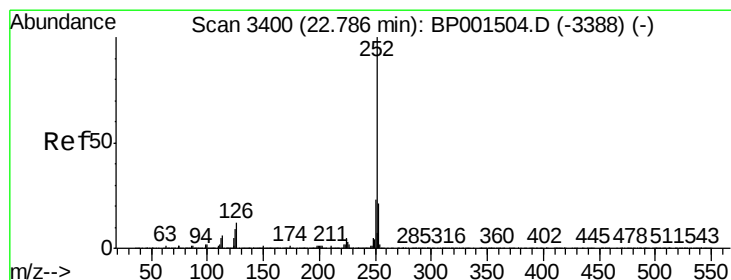
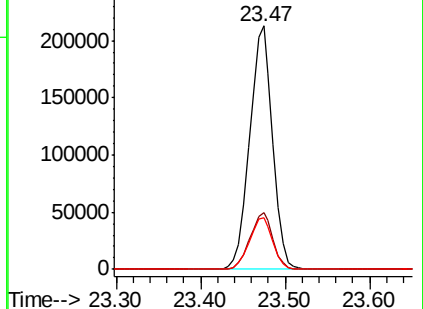
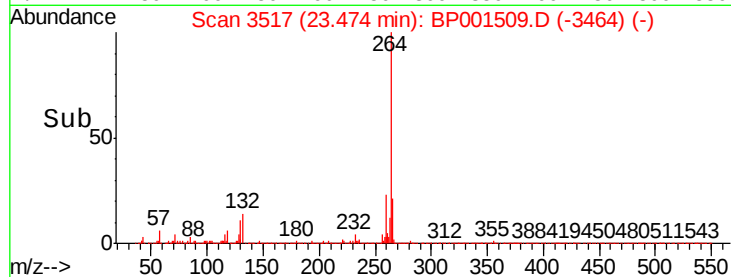
265 21.1 17.2 25.8



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: 38.436 ng

RT: 22.80 min Scan# 3402

Delta R.T. 0.01 min

Lab File: BP001509.D

Acq: 03 Jan 2020 15:55

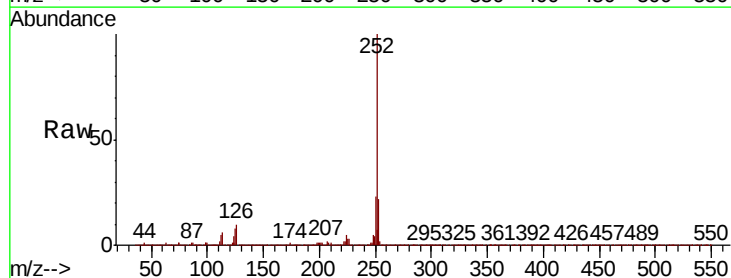
Tgt Ion:252 Resp: 955488

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

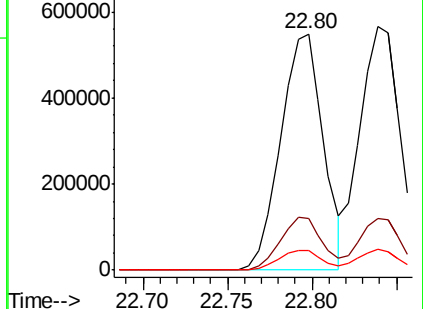
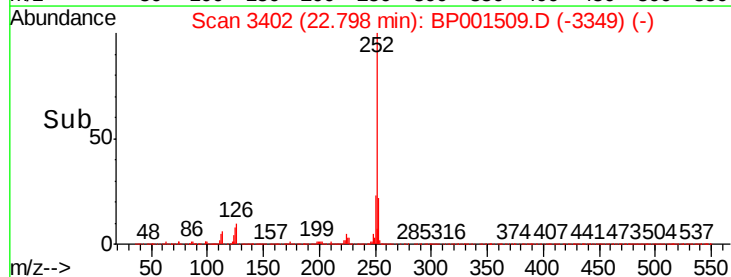
125 8.1 7.2 10.8

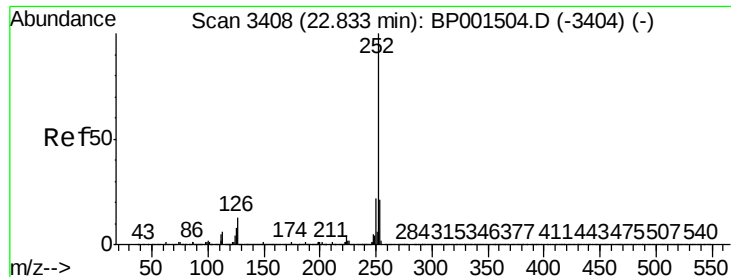


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

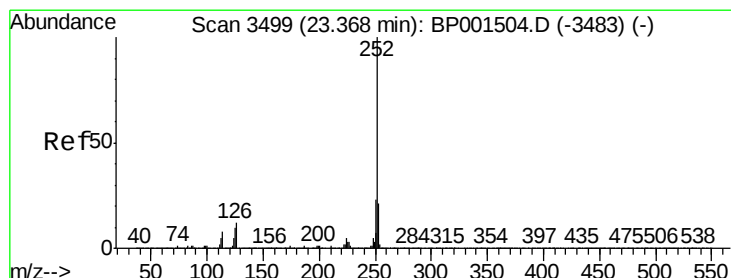
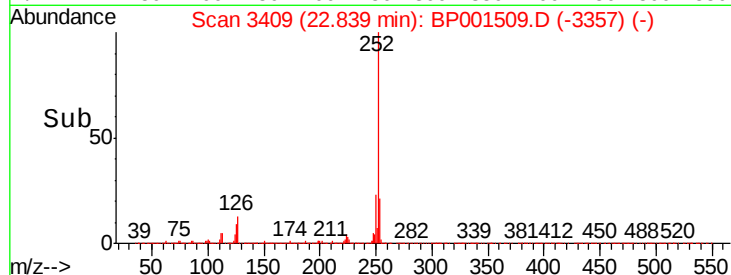
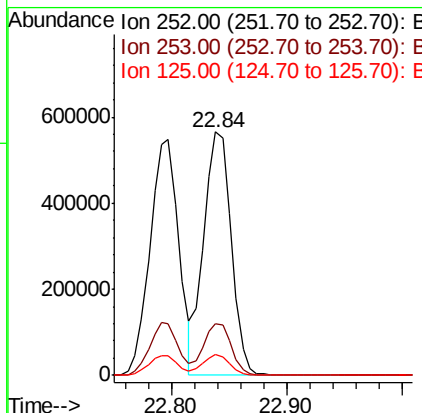
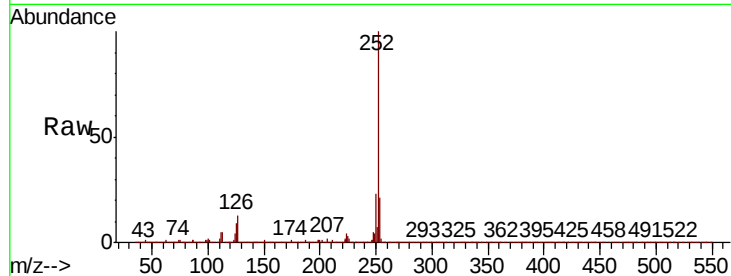




#89
Benzo(k)fluoranthene
Concen: 39.587 ng
RT: 22.84 min Scan# 3409
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

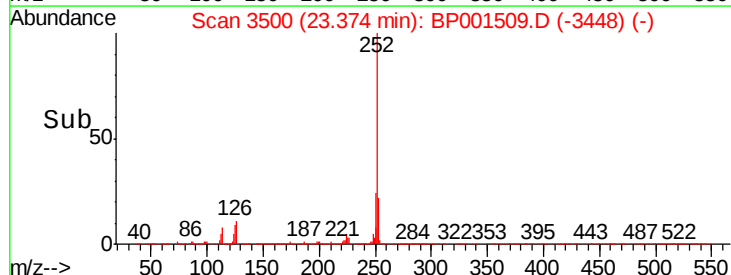
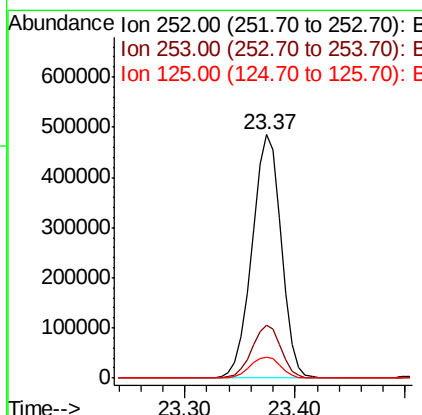
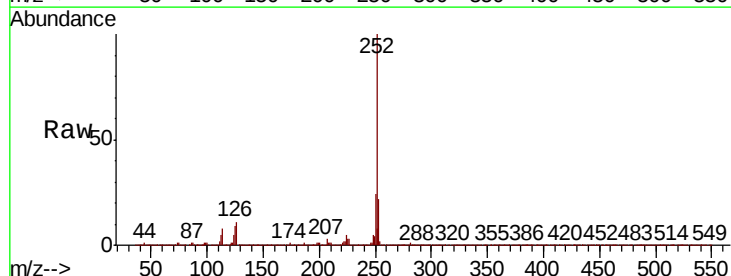
Instrument :
BNA_P
ClientSampleId :
ICVBP010320

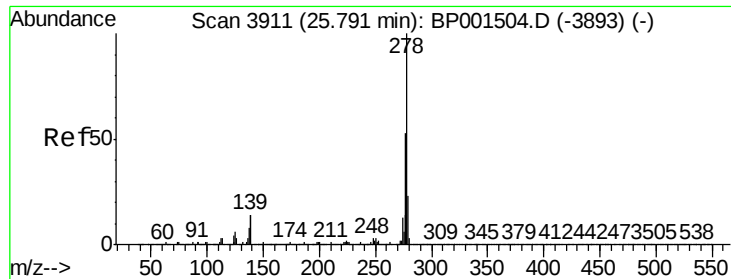
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	8.5	6.6	10.0



#90
Benzo(a)pyrene
Concen: 38.716 ng
RT: 23.37 min Scan# 3500
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	8.7	7.7	11.5

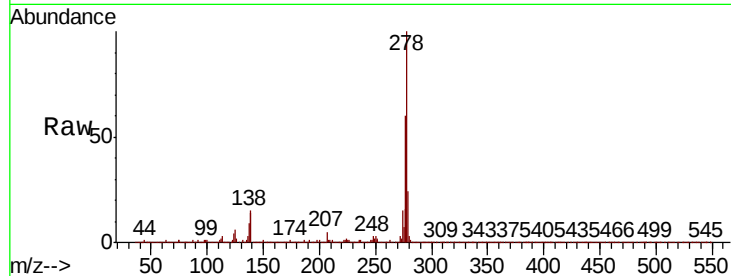




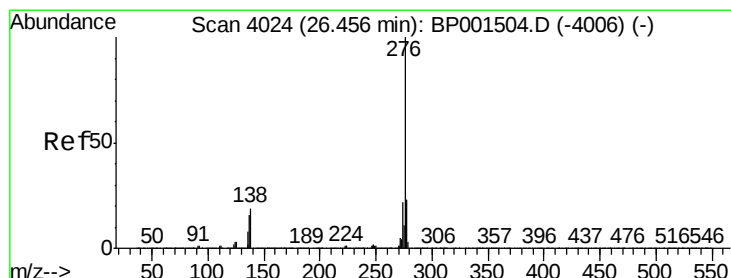
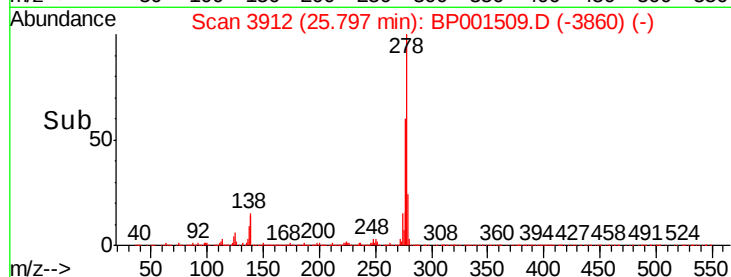
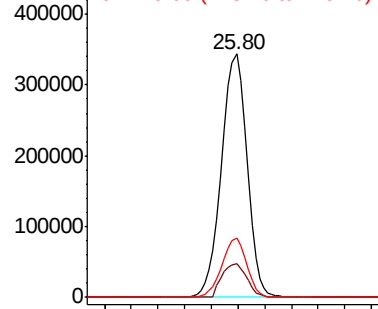
#91
Dibenzo(a,h)anthracene
Concen: 39.141 ng
RT: 25.80 min Scan# 3912
Delta R.T. 0.01 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Instrument :
BNA_P
ClientSampleId :
ICVBP010320

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.3	16.9
279	24.1	18.2	27.2

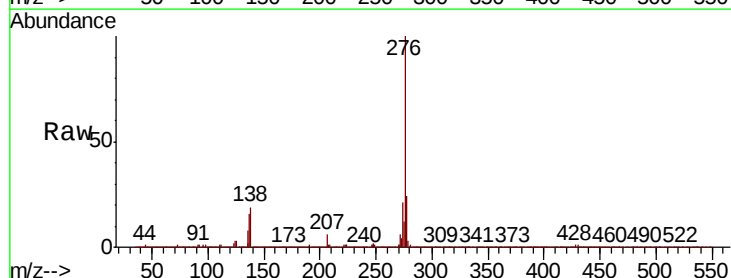


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.982 ng
RT: 26.47 min Scan# 4027
Delta R.T. 0.02 min
Lab File: BP001509.D
Acq: 03 Jan 2020 15:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	18.5	15.0	22.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

