

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
 Data File : BP000023.D
 Acq On : 31 Aug 2019 00:52
 Operator : HP/JU
 Sample : MDL-W--01
 Misc : 4PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 31 03:06:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	574772	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	2262016	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	1239330	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	2193579	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1596161	20.00	ng	0.00
87) Perylene-d12	15.63	264	1500056	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	3273938	90.83	ng	0.00
7) Phenol-d6	6.52	99	4020957	88.37	ng	0.00
23) Nitrobenzene-d5	7.45	82	2320545	62.95	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1006592	96.36	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4535945	61.12	ng	0.00
79) Terphenyl-d14	13.04	244	4821225	65.84	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.68	88	64961	3.918	ng	99
3) Pyridine	3.49	79	140748	3.151	ng	97
4) n-Nitrosodimethylamine	3.39	42	48702	3.377	ng	# 92
6) Aniline	6.55	93	250945	3.811	ng	99
8) 2-Chlorophenol	6.68	128	152787	4.099	ng	96
9) Benzaldehyde	6.44	77	141520	5.044	ng	95
10) Phenol	6.52	94	192340	3.805	ng	79
11) bis(2-Chloroethyl)ether	6.62	93	154043	3.857	ng	98
12) 1,3-Dichlorobenzene	6.84	146	171285	3.940	ng	98
13) 1,4-Dichlorobenzene	6.91	146	171726	3.967	ng	99
14) 1,2-Dichlorobenzene	7.07	146	161735	4.066	ng	98
15) Benzyl Alcohol	7.02	79	116562	3.494	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	164891	3.839	ng	99
17) 2-Methylphenol	7.13	107	125142	3.910	ng	98
18) Hexachloroethane	7.41	117	58930	3.670	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	102892	3.973	ng	92
20) 3+4-Methylphenols	7.28	107	163474	4.095	ng	98
22) Acetophenone	7.29	105	245517	4.531	ng	99
24) Nitrobenzene	7.47	77	163287	4.089	ng	93
25) Isophorone	7.70	82	300414	3.857	ng	100
26) 2-Nitrophenol	7.79	139	41490	2.668	ng	95
27) 2,4-Dimethylphenol	7.82	122	133661	4.259	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	197032	3.890	ng	99
29) 2,4-Dichlorophenol	8.02	162	121131	3.754	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	144722	3.934	ng	97
31) Naphthalene	8.20	128	476400	4.590	ng	98
32) Benzoic acid	7.85	122	32453	9.347	ng	98
33) 4-Chloroaniline	8.24	127	191656	3.915	ng	95
34) Hexachlorobutadiene	8.32	225	79845	3.852	ng	99
35) Caprolactam	8.56	113	36256	3.159	ng	95
36) 4-Chloro-3-methylphenol	8.71	107	128142	3.639	ng	95
37) 2-Methylnaphthalene	8.89	142	320770	4.423	ng	98
38) 1-Methylnaphthalene	8.99	142	297648	4.356	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	154497	4.404	ng	99

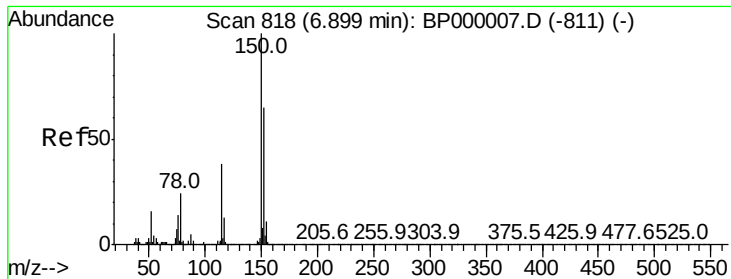
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
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 Acq On : 31 Aug 2019 00:52
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	68126	3.527	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	77403	3.200	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	88442	3.494	ng	97
46) 1,1'-Biphenyl	9.36	154	420613	4.807	ng	98
47) 2-Chloronaphthalene	9.38	162	296986	4.089	ng	97
48) 2-Nitroaniline	9.46	65	45557	2.322	ng	98
49) Acenaphthylene	9.80	152	469222	4.354	ng	97
50) Dimethylphthalate	9.65	163	334571	3.962	ng	100
51) 2,6-Dinitrotoluene	9.70	165	54103	3.018	ng #	82
52) Acenaphthene	9.97	154	283384	4.191	ng	99
53) 3-Nitroaniline	9.87	138	59464	2.777	ng #	93
54) 2,4-Dinitrophenol	9.97	184	11424	10.165	ng #	1
55) Dibenzofuran	10.15	168	428711	4.465	ng	97
56) 4-Nitrophenol	10.02	139	37690	2.462	ng	93
57) 2,4-Dinitrotoluene	10.11	165	58754	2.567	ng	93
58) Fluorene	10.49	166	342982	4.746	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	65880	3.438	ng	99
60) Diethylphthalate	10.36	149	324814	3.842	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	160859	4.282	ng	98
62) 4-Nitroaniline	10.48	138	60029	2.939	ng	86
63) Azobenzene	10.65	77	331381	4.094	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	17695	9.483	ng	94
66) n-Nitrosodiphenylamine	10.60	169	290239	4.454	ng	97
67) 4-Bromophenyl-phenylether	10.97	248	85573	3.839	ng	90
68) Hexachlorobenzene	11.05	284	95836	3.945	ng	97
69) Atrazine	11.12	200	72906	Below Cal		96
70) Pentachlorophenol	11.23	266	39710	3.017	ng	98
71) Phenanthrene	11.46	178	497500	4.550	ng	96
72) Anthracene	11.51	178	480936	4.453	ng	97
73) Carbazole	11.66	167	435297	4.270	ng	97
74) Di-n-butylphthalate	12.00	149	438275	3.546	ng	98
75) Fluoranthene	12.66	202	479513	4.036	ng	96
77) Benzidine	12.77	184	180011	3.269	ng	96
78) Pyrene	12.89	202	514118	4.378	ng	96
80) Butylbenzylphthalate	13.52	149	105011	2.007	ng	92
81) Benzo(a)anthracene	14.09	228	401794	3.885	ng	98
82) 3,3'-Dichlorobenzidine	14.05	252	111716	2.928	ng	99
83) Chrysene	14.13	228	394533	4.033	ng	96
84) Bis(2-ethylhexyl)phthalate	14.09	149	174500	2.563	ng	98
85) Di-n-octyl phthalate	14.72	149	216043	1.801	ng	97
86) Indeno(1,2,3-cd)pyrene	17.16	276	315420	2.573	ng	98
88) Benzo(b)fluoranthene	15.17	252	322676	3.522	ng	99
89) Benzo(k)fluoranthene	15.20	252	339310	4.047	ng	97
90) Benzo(a)pyrene	15.56	252	294369	3.559	ng	99
91) Dibenzo(a,h)anthracene	17.19	278	270081	3.265	ng	99
92) Benzo(g,h,i)perylene	17.62	276	266919	3.260	ng	99

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

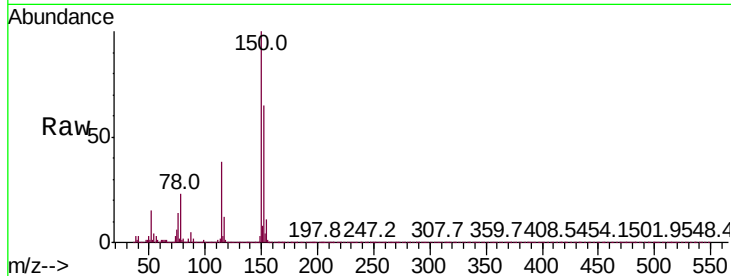


#1

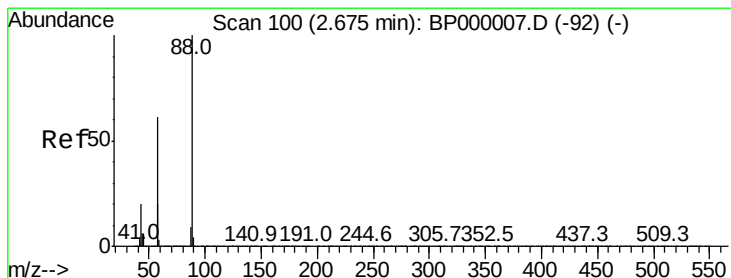
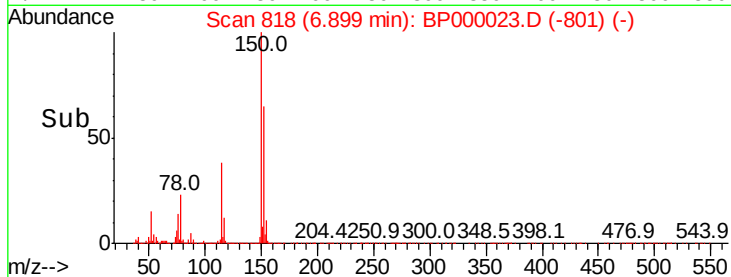
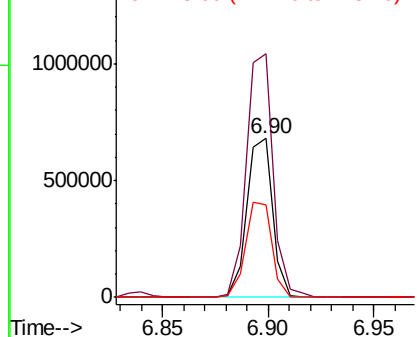
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Instrument :
BNA_P
ClientSampled :

Tot Ion:152 Resp: 574772
Ion Ratio Lower Upper
152 100
150 153.4 123.0 184.6
115 58.1 46.7 70.1



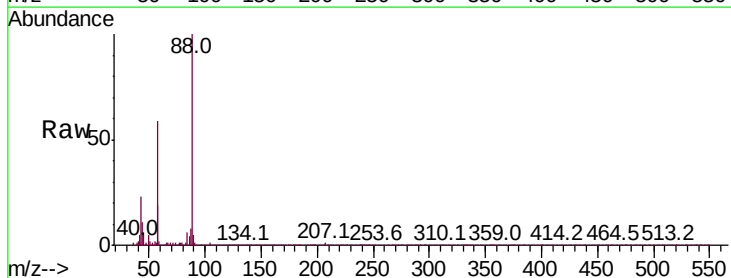
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



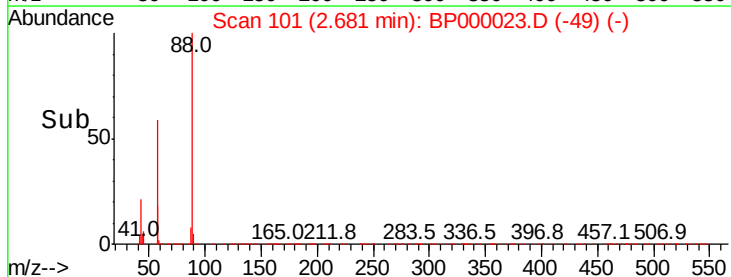
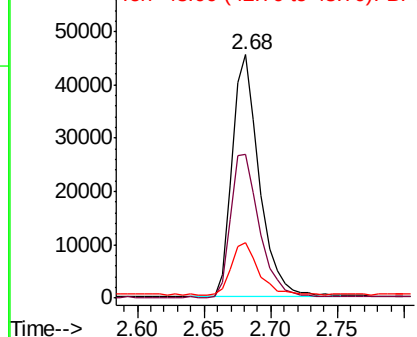
#2

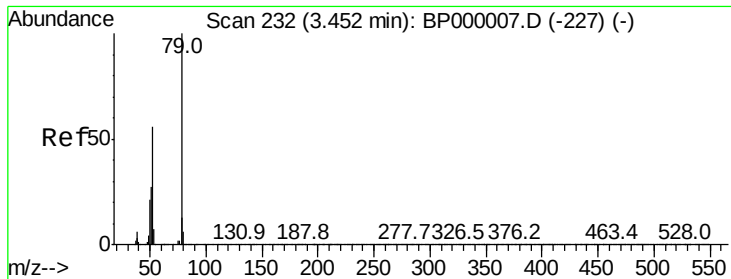
1,4-Dioxane
Concen: 3.918 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Tgt Ion: 88 Resp: 64961
Ion Ratio Lower Upper
88 100
58 63.0 49.8 74.8
43 21.3 16.9 25.3



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: 3.151 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.04 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :

BNA_P

ClientSampleId :

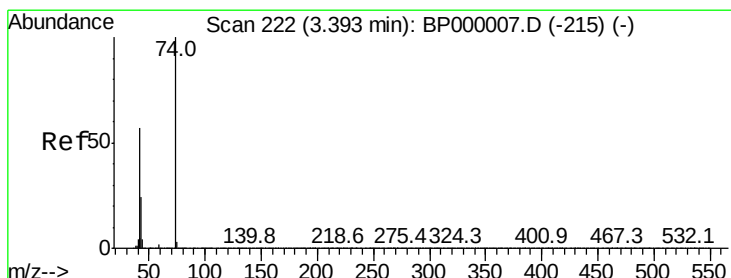
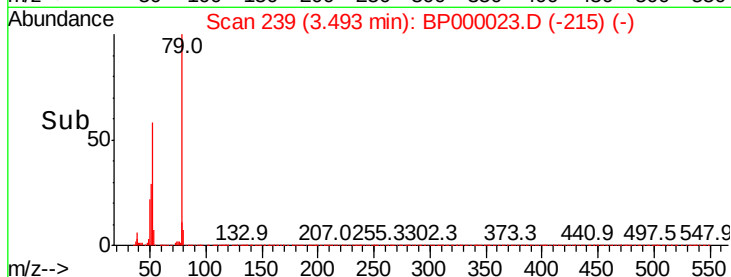
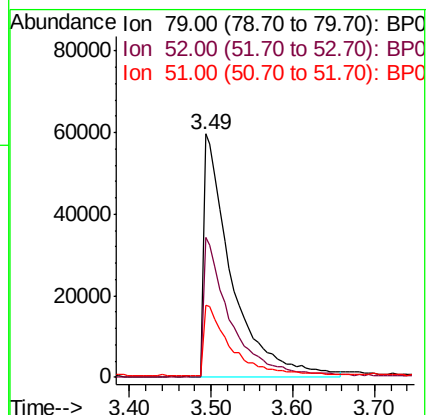
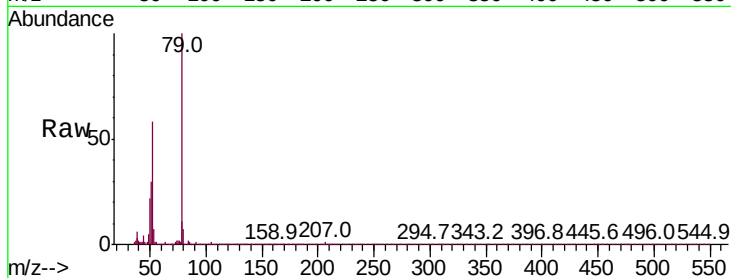
Tot Ion: 79 Resp: 140748

Ion Ratio Lower Upper

79 100

52 57.6 44.5 66.7

51 29.6 21.8 32.6



#4

n-Nitrosodimethylamine

Concen: 3.377 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

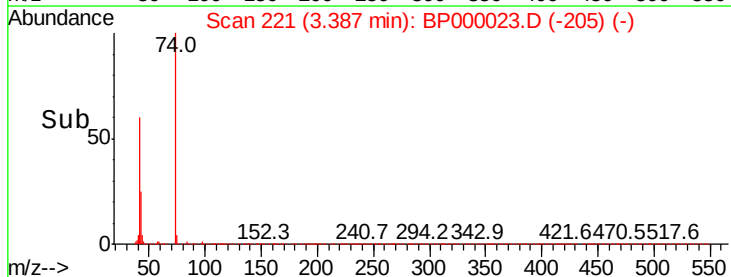
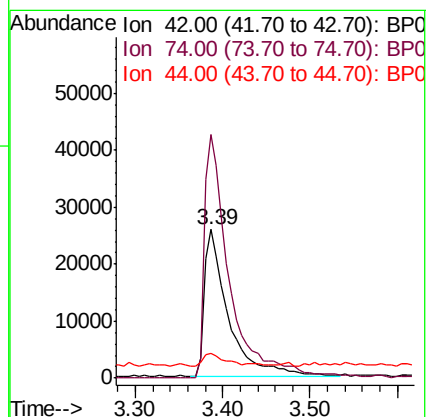
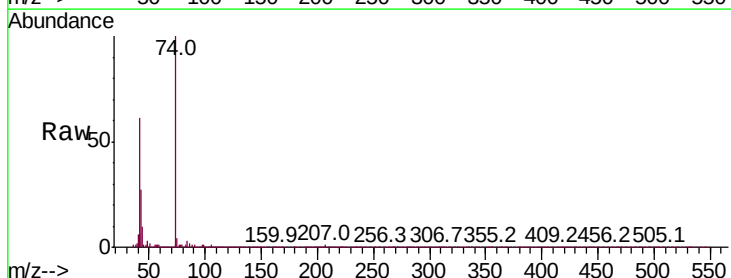
Tgt Ion: 42 Resp: 48702

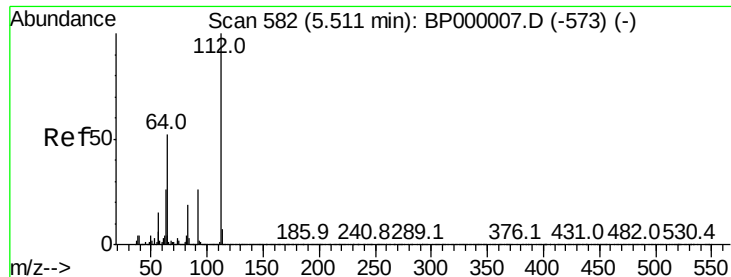
Ion Ratio Lower Upper

42 100

74 164.2 139.9 209.9

44 16.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 90.831 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :

BNA_P

ClientSampleId :

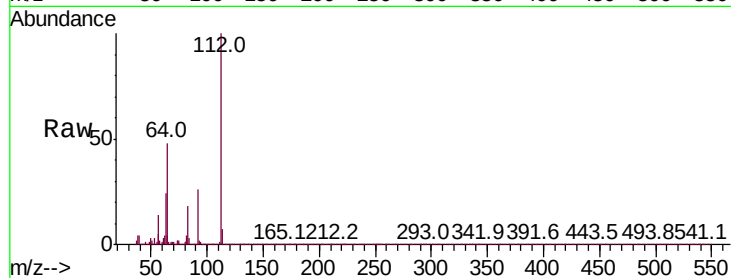
Tot Ion:112 Resp: 3273938

Ion Ratio Lower Upper

112 100

64 48.1 41.8 62.8

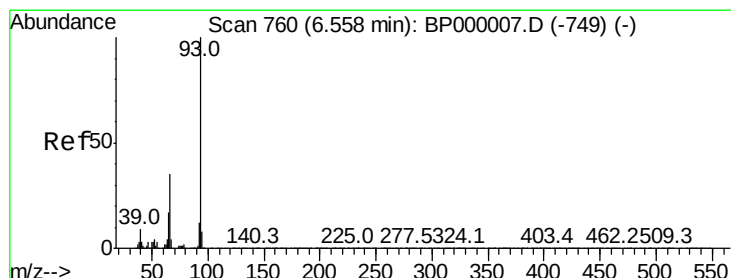
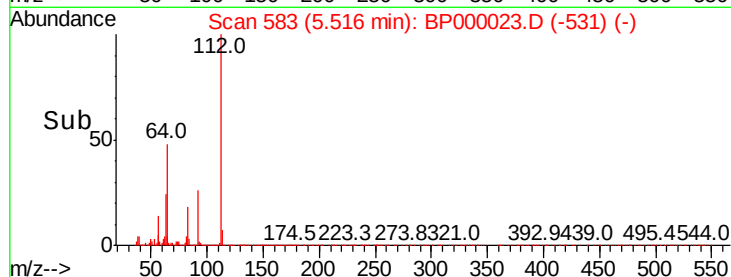
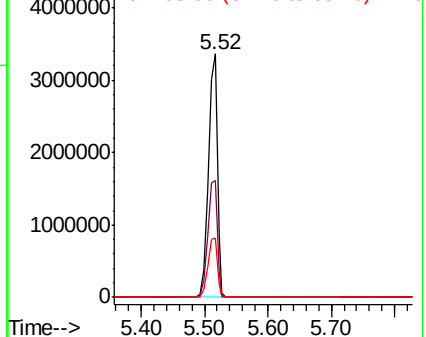
63 24.2 21.0 31.4



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: 3.811 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

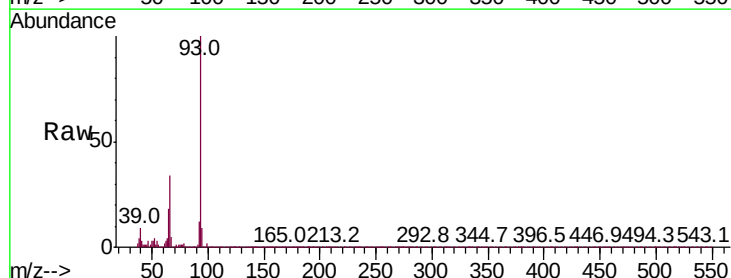
Tgt Ion: 93 Resp: 250945

Ion Ratio Lower Upper

93 100

66 34.4 27.8 41.8

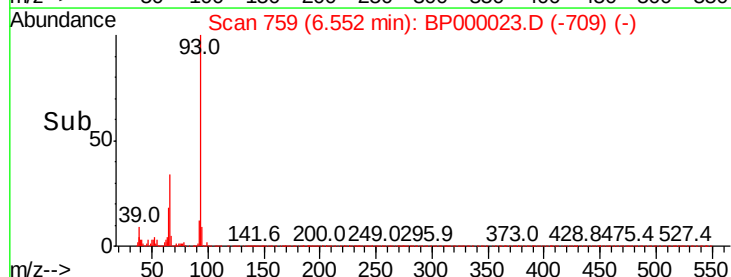
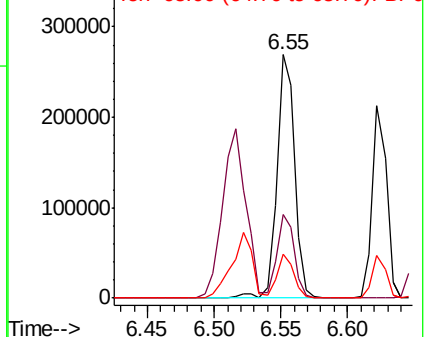
65 18.0 13.9 20.9

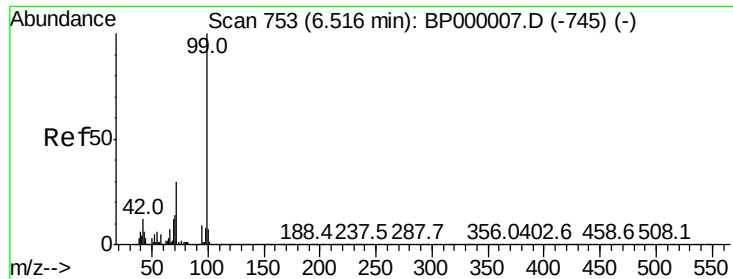


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 88.367 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

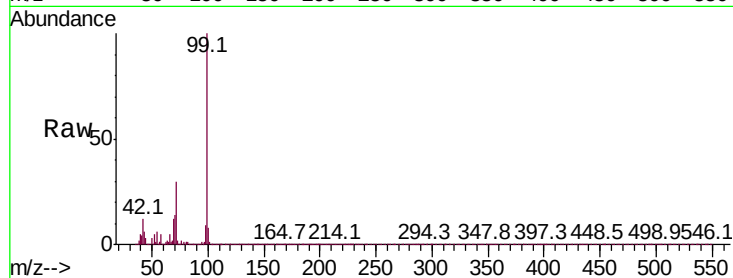
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 4020957

Ion	Ratio	Lower	Upper
99	100		
42	12.3	9.8	14.8
71	30.3	23.8	35.8

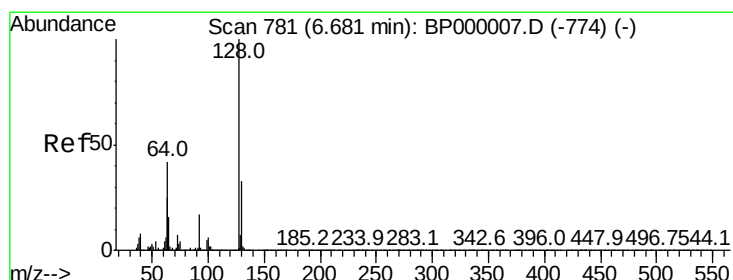
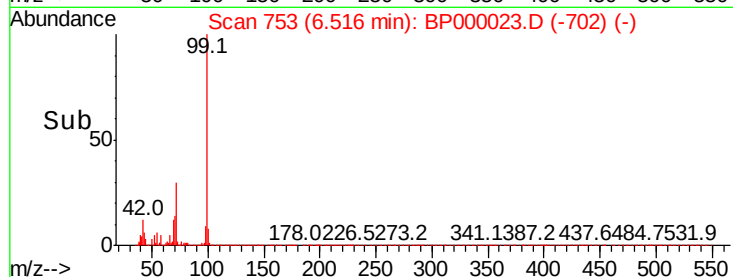
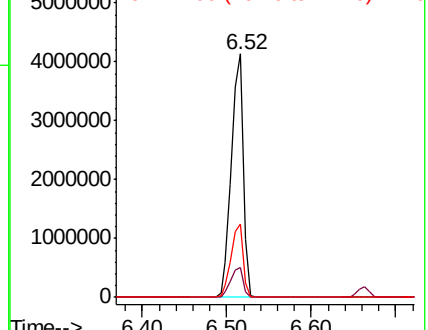


Abundance

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: 4.099 ng

RT: 6.68 min Scan# 781

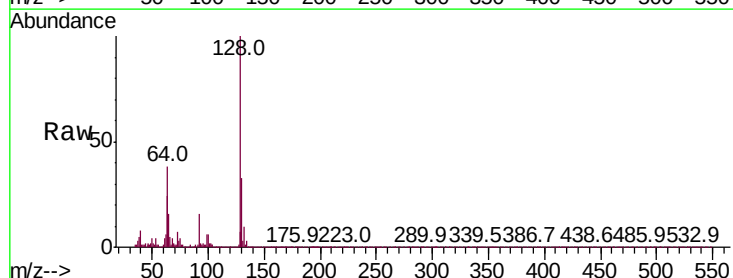
Delta R.T. -0.00 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Tgt Ion: 128 Resp: 152787

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	38.1	22.0	62.0

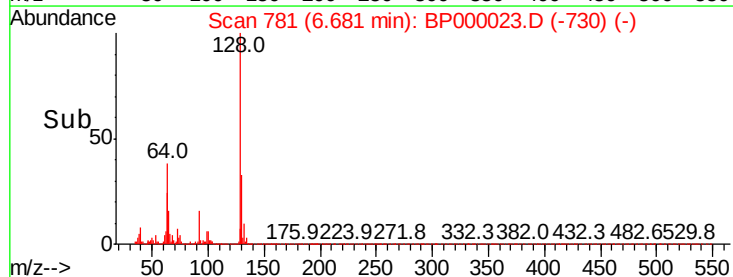
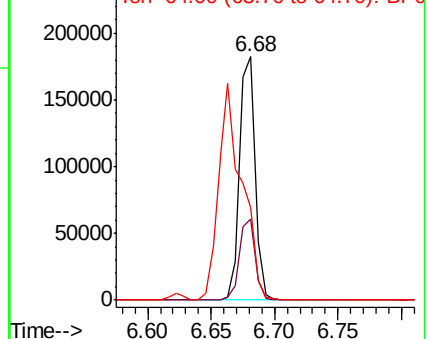


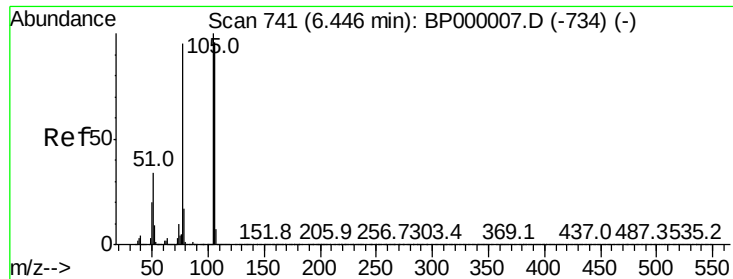
Abundance

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: 5.044 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :

BNA_P

ClientSampleId :

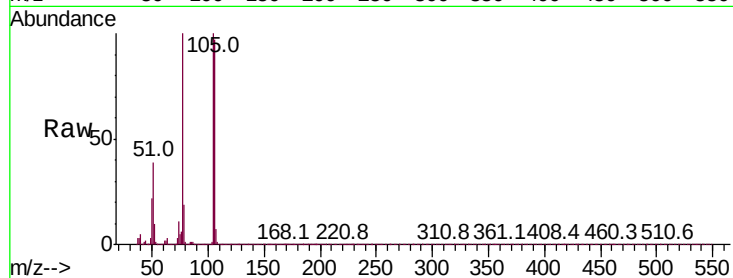
Tot Ion: 77 Resp: 141520

Ion Ratio Lower Upper

77 100

105 99.7 85.1 125.1

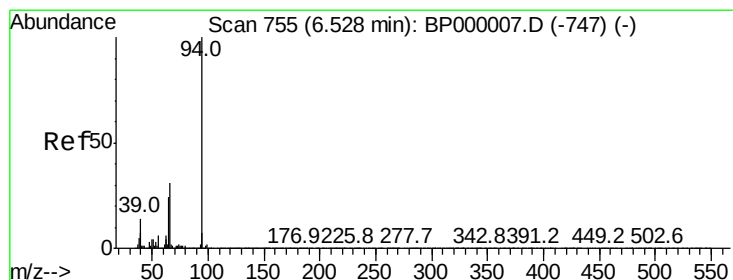
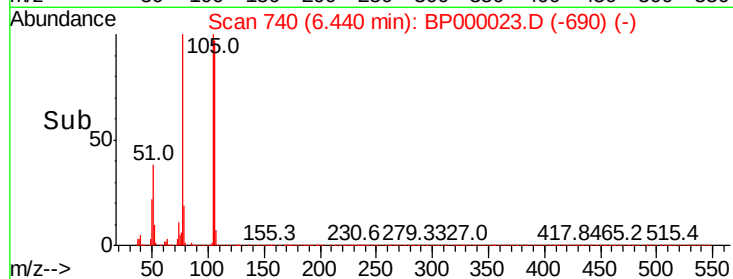
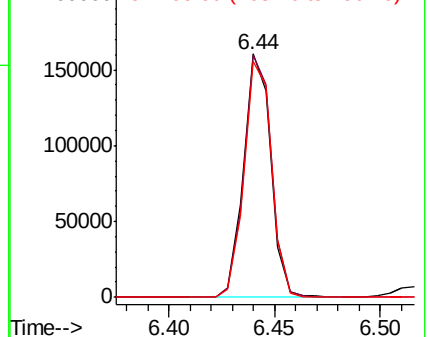
106 96.7 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 3.805 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

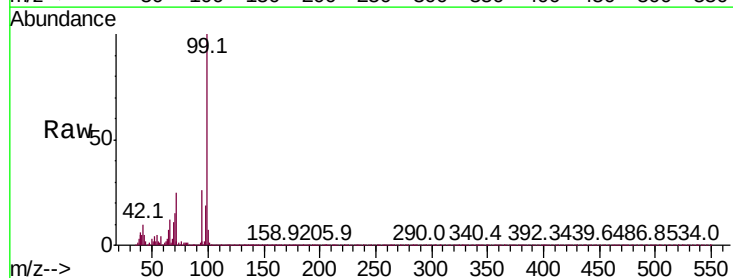
Tgt Ion: 94 Resp: 192340

Ion Ratio Lower Upper

94 100

65 28.7 4.1 44.1

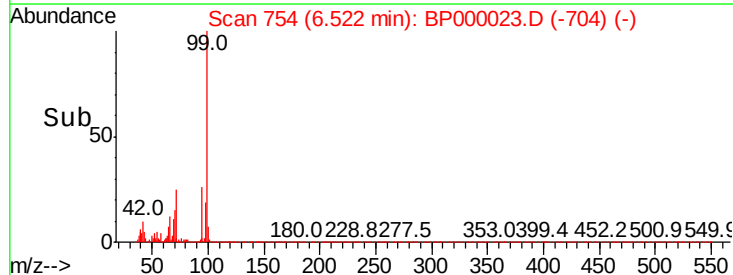
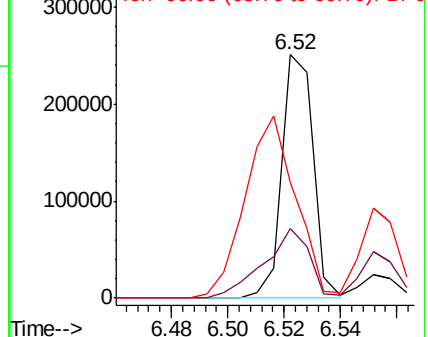
66 47.6 11.4 51.4

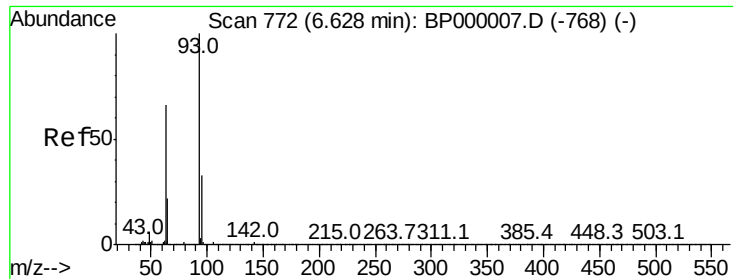


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#11

bis(2-Chloroethyl)ether

Concen: 3.857 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :

BNA_P

ClientSampled :

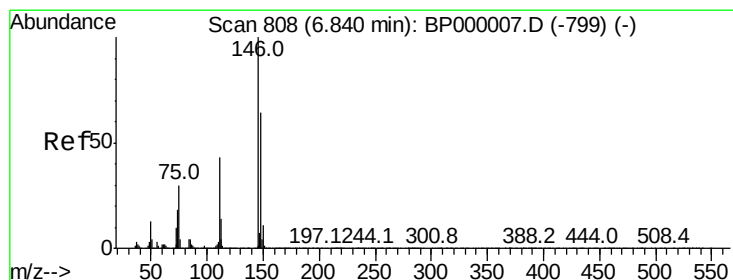
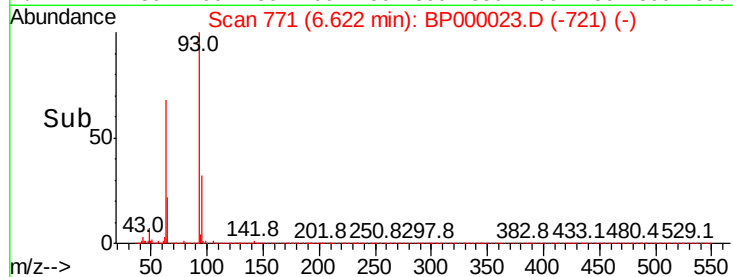
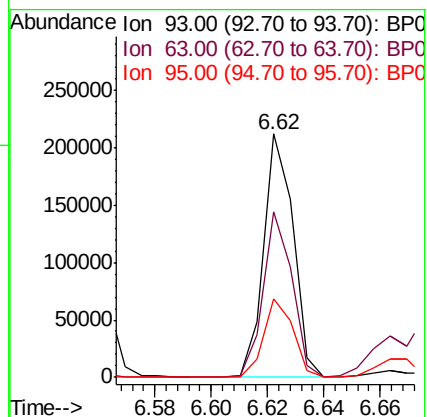
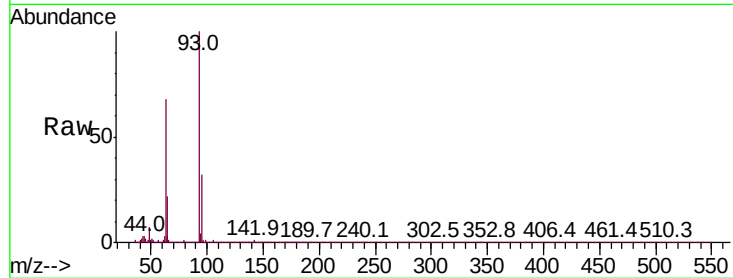
Tot Ion: 93 Resp: 154043

Ion Ratio Lower Upper

93 100

63 67.9 46.0 86.0

95 32.1 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 3.940 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

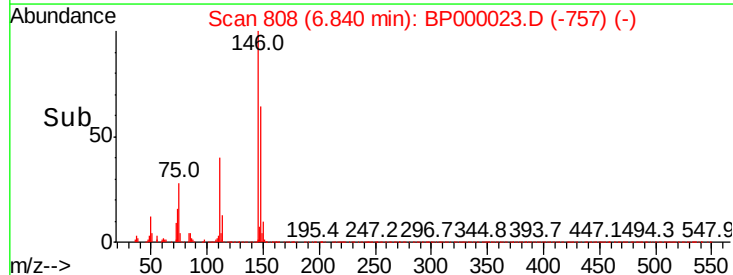
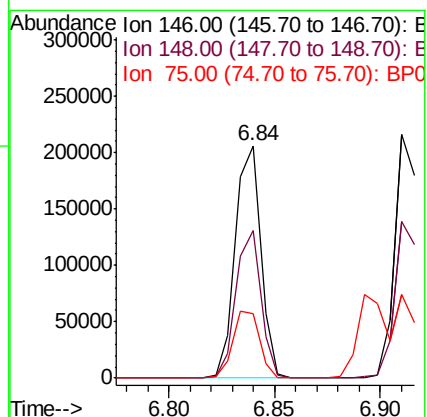
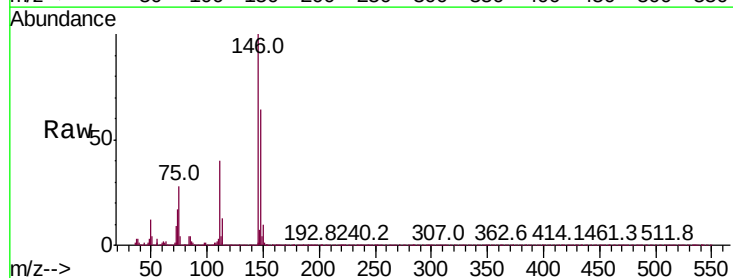
Tgt Ion: 146 Resp: 171285

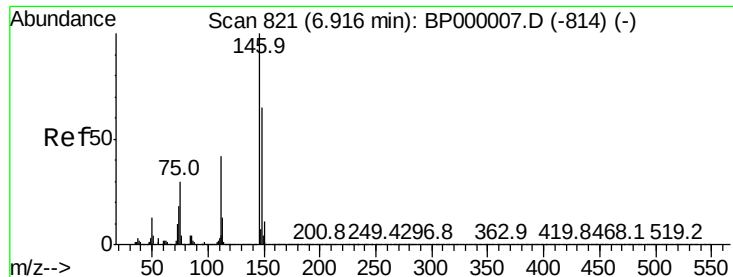
Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.2

75 28.0 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 3.967 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

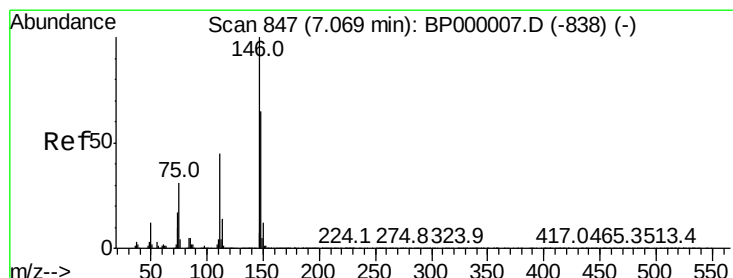
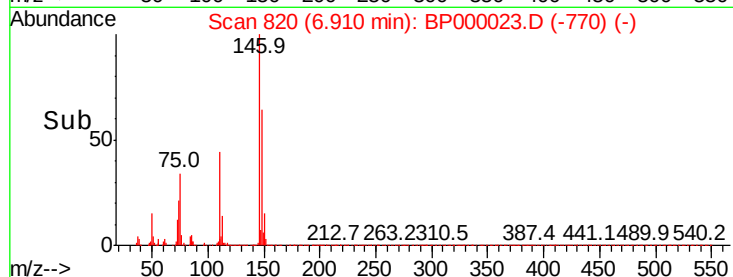
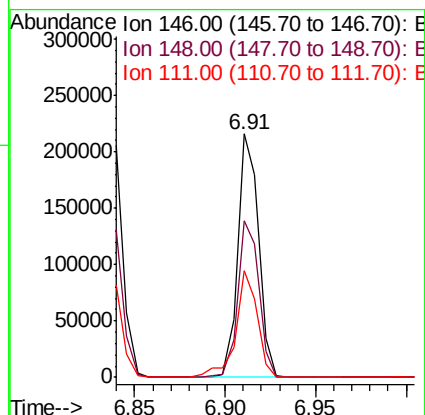
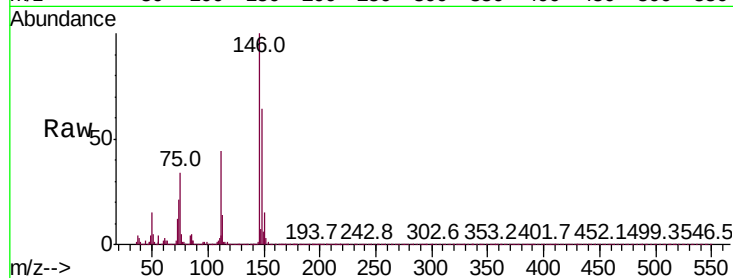
Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :
BNA_P
ClientSampleId :

Tot Ion:146 Resp: 171726

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.6	77.4
111	43.5	33.4	50.0



#14

1,2-Dichlorobenzene

Concen: 4.066 ng

RT: 7.07 min Scan# 847

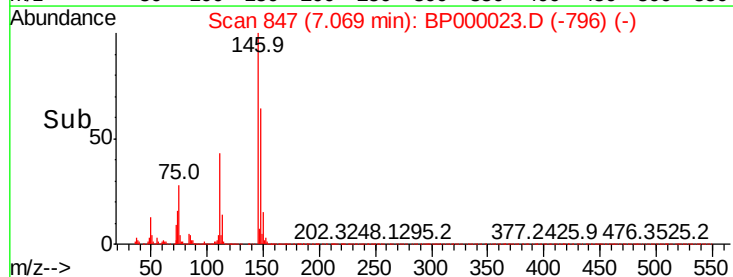
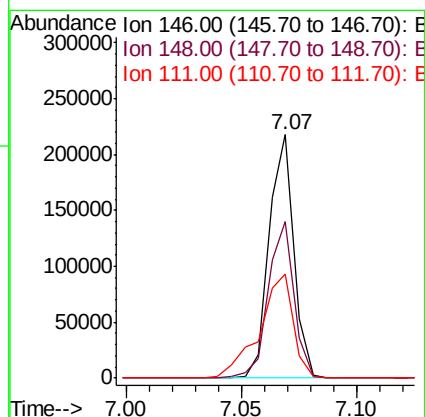
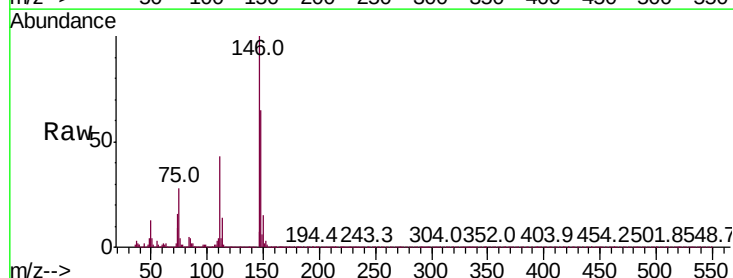
Delta R.T. -0.00 min

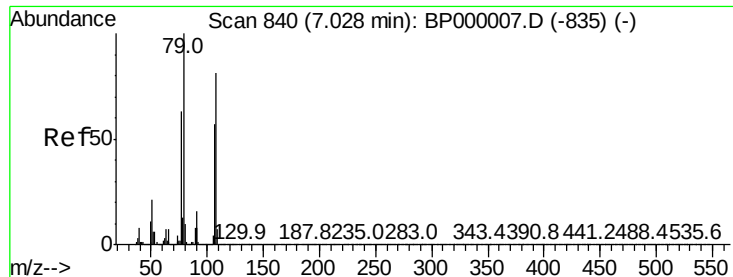
Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Tgt Ion:146 Resp: 161735

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
111	42.6	36.4	54.6





#15

Benzyl Alcohol

Concen: 3.494 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :

BNA_P

ClientSampleId :

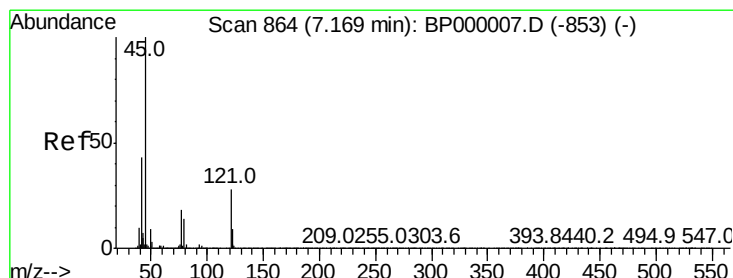
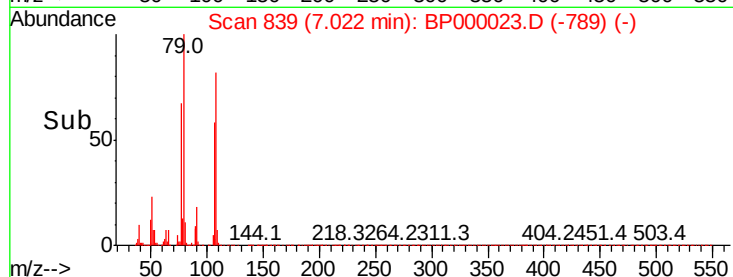
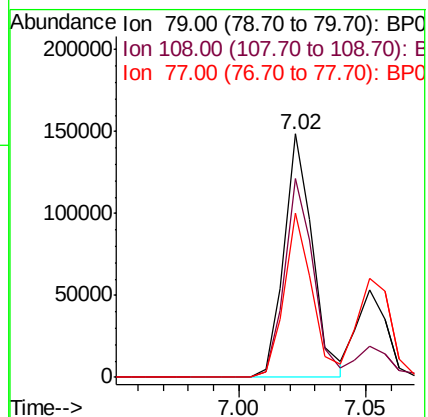
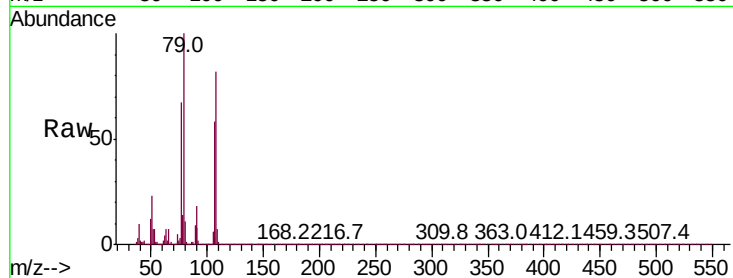
Tot Ion: 79 Resp: 116562

Ion Ratio Lower Upper

79 100

108 81.7 64.5 96.7

77 67.4 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.839 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

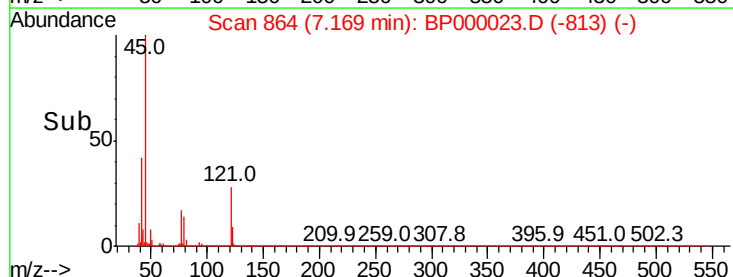
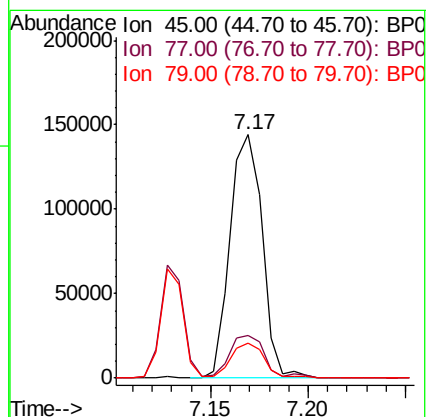
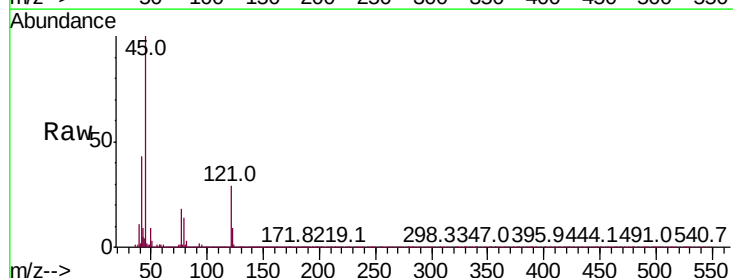
Tgt Ion: 45 Resp: 164891

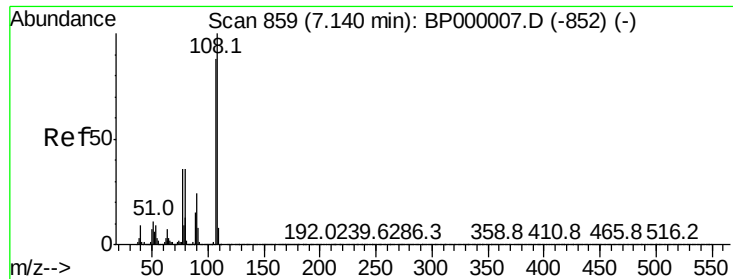
Ion Ratio Lower Upper

45 100

77 17.6 0.0 38.0

79 14.2 0.0 33.9





#17

2-Methylphenol

Concen: 3.910 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :

BNA_P

ClientSampled :

Tot Ion:107 Resp: 125142

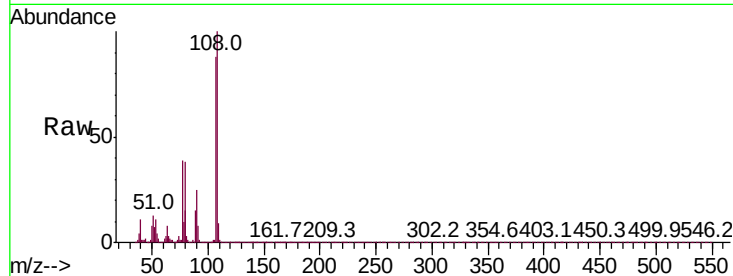
Ion Ratio Lower Upper

107 100

108 113.2 90.9 136.3

77 44.6 33.2 49.8

79 43.3 32.8 49.2

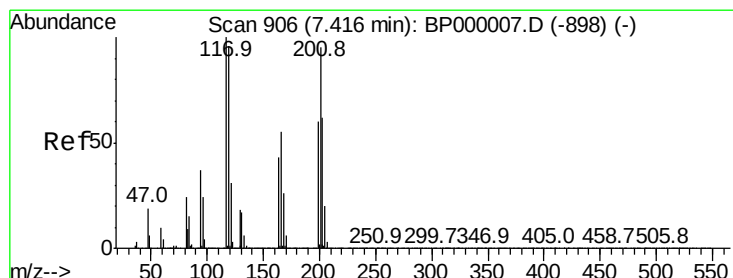
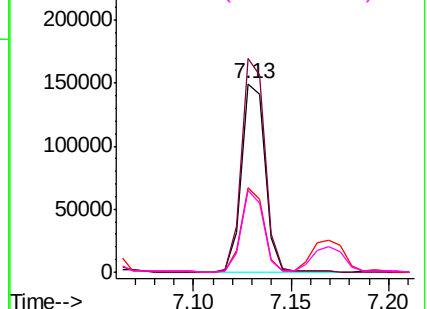
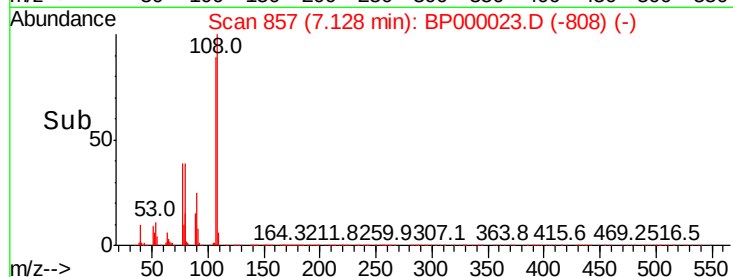


Abundance Ion 107.00 (106.70 to 107.70): E

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: 3.670 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

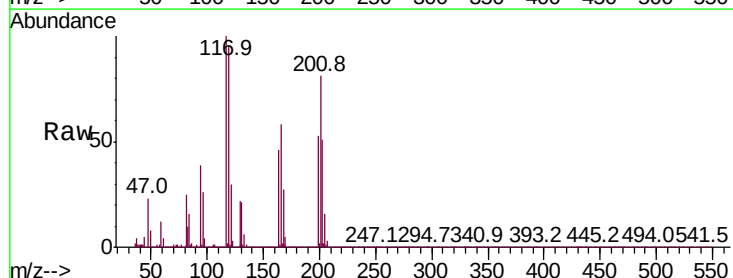
Tgt Ion:117 Resp: 58930

Ion Ratio Lower Upper

117 100

119 95.1 77.0 115.6

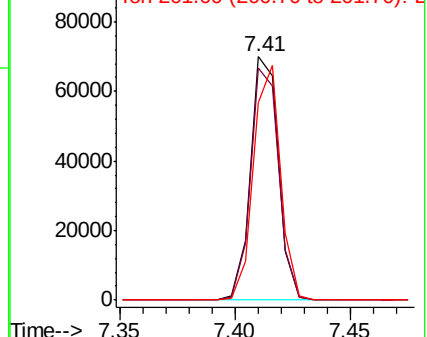
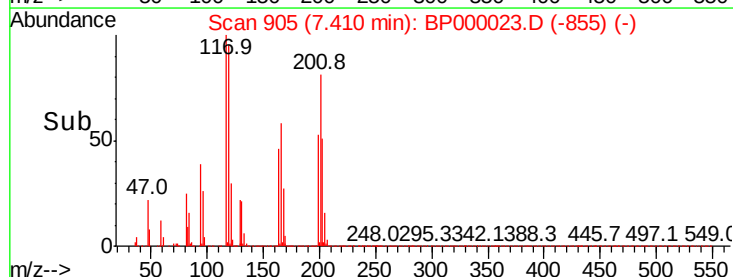
201 81.2 76.2 114.4

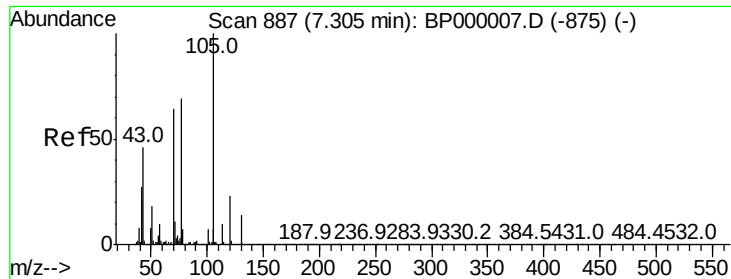


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

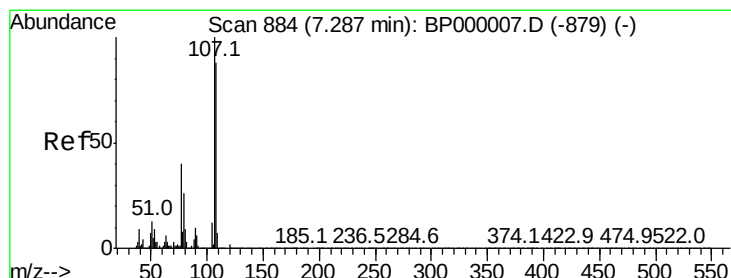
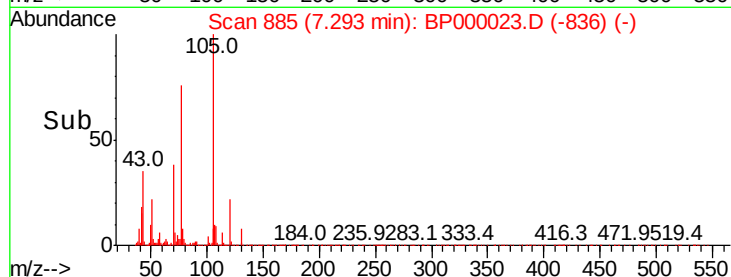
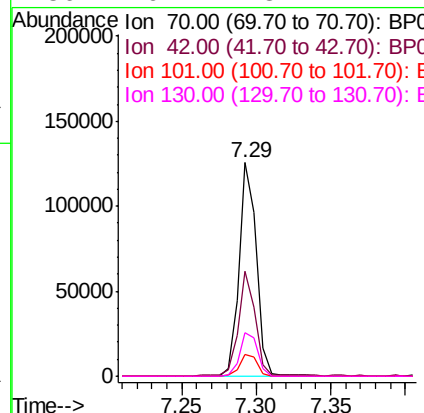
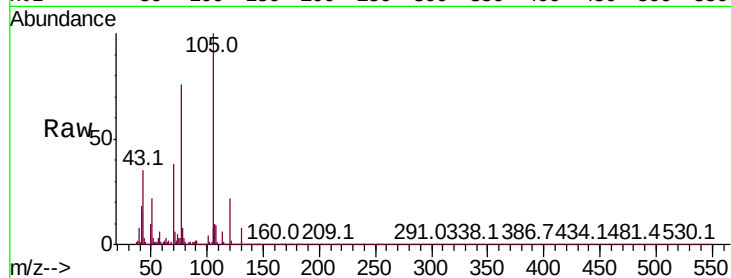




#19
n-Nitroso-di-n-propylamine
Concen: 3.973 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

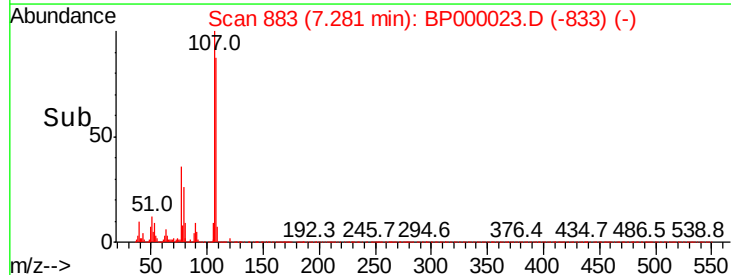
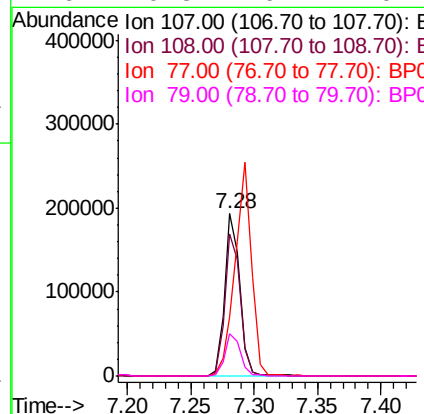
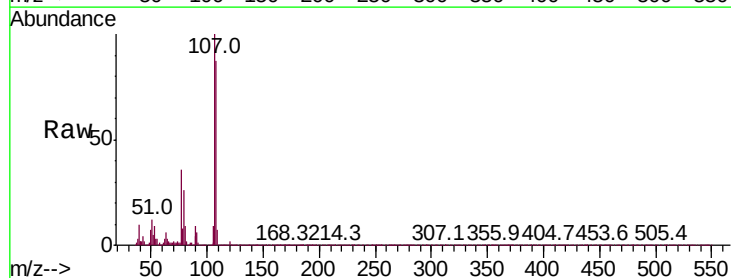
Instrument :
BNA_P
ClientSampleId :

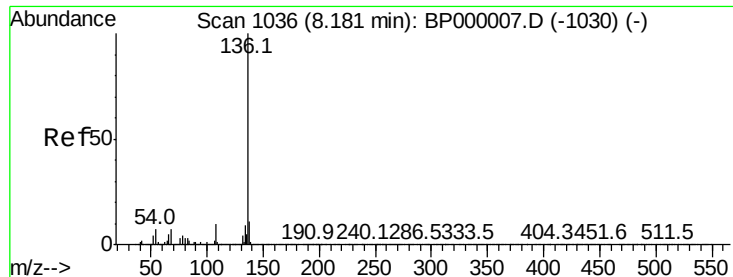
Tot Ion:	70	Resp:	102892
Ion	Ratio	Lower	Upper
70	100		
42	49.1	33.8	50.6
101	10.3	8.7	13.1
130	20.4	18.1	27.1



#20
3+4-Methylphenols
Concen: 4.095 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Tgt Ion:	107	Resp:	163474
Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.1	108.1
77	36.2	19.8	59.8
79	26.3	6.1	46.1

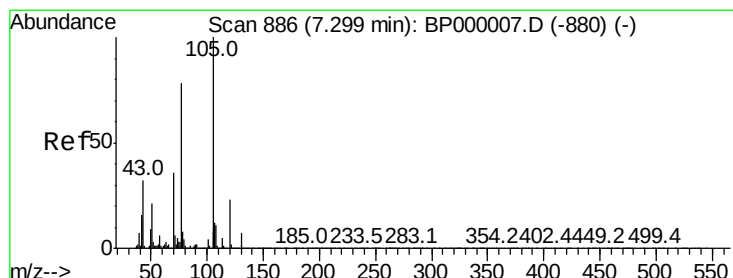
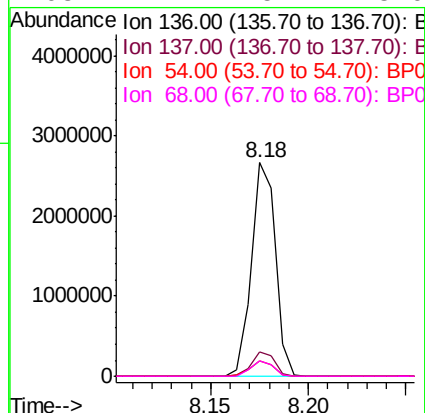
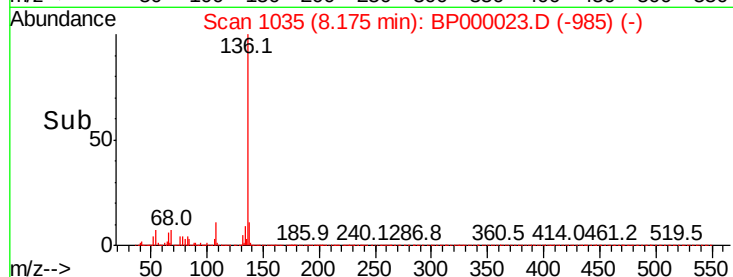
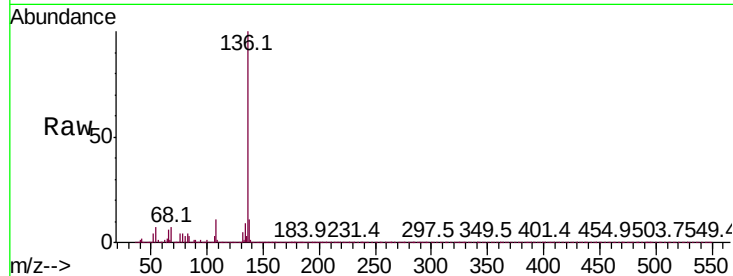




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

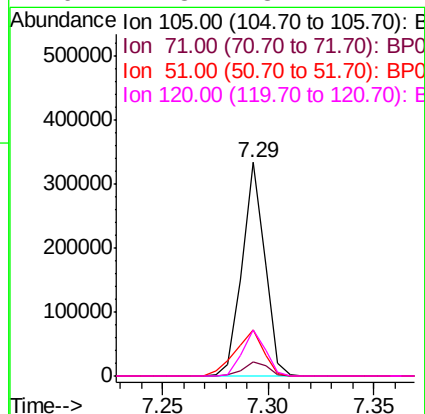
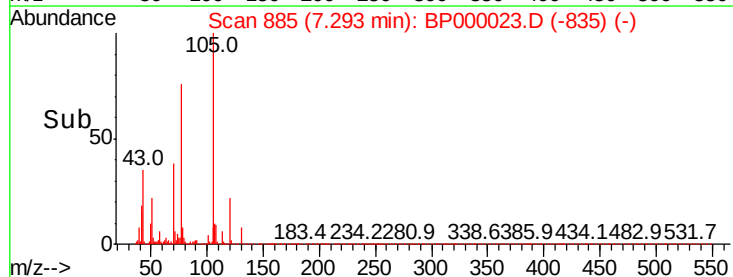
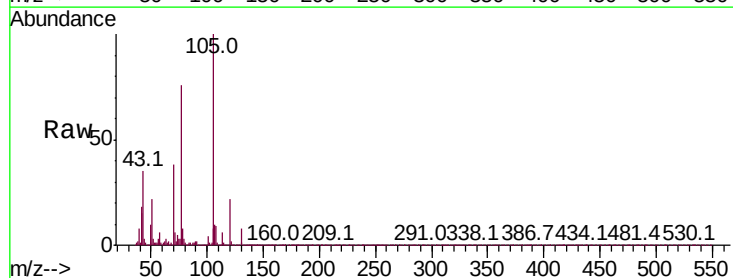
Instrument :
BNA_P
ClientSampleId :

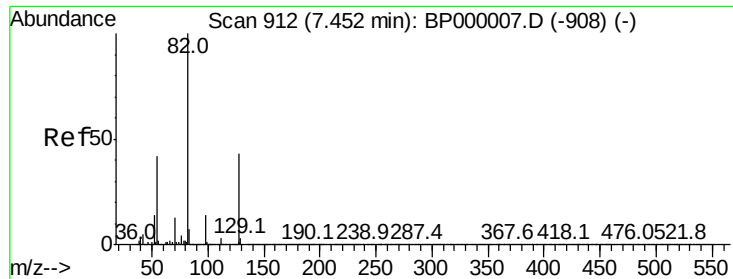
Tot Ion:136	Resp: 2262016
Ion Ratio	Lower Upper
136 100	
137 11.5	8.6 13.0
54 7.4	5.4 8.2
68 7.1	5.4 8.0



#22
Acetophenone
Concen: 4.531 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Tgt	Ion:105	Resp:	245517
Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.8	7.2
51	21.8	17.0	25.4
120	21.8	18.1	27.1

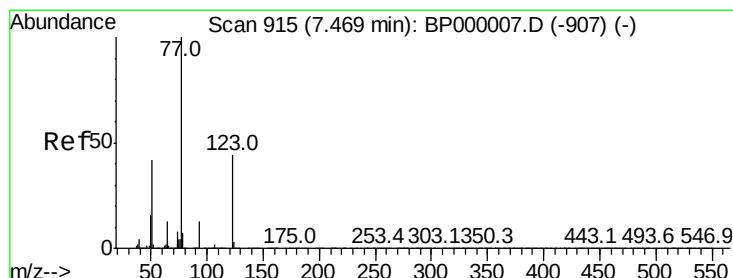
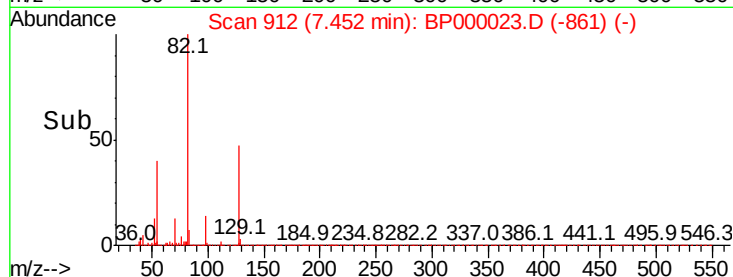
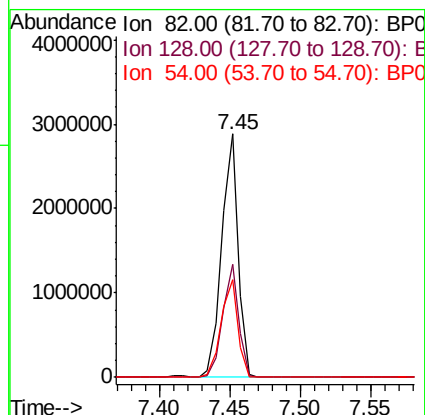
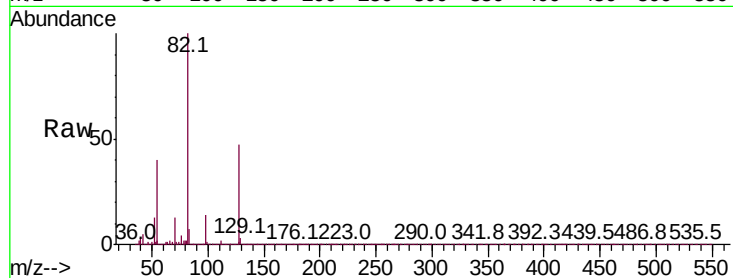




#23
Nitrobenzene-d5
Concen: 62.948 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

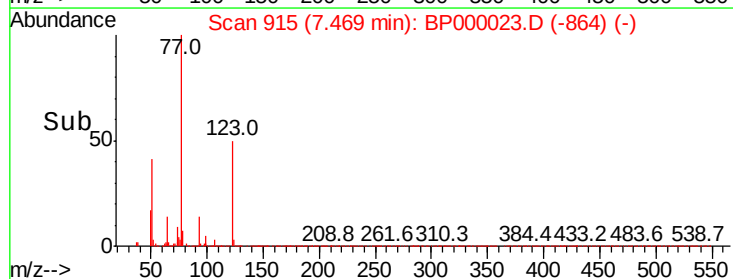
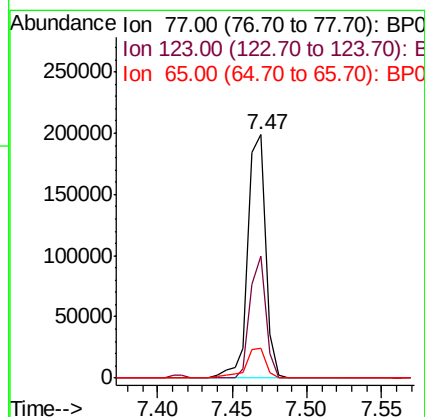
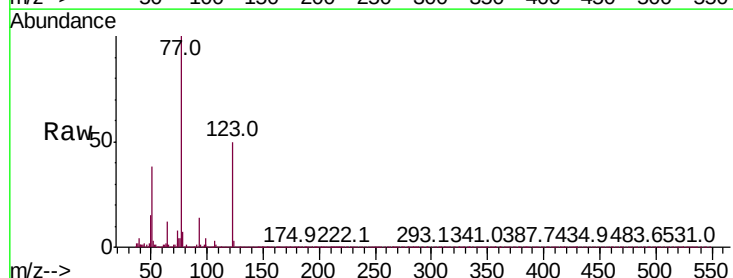
Instrument :
BNA_P
ClientSampleId :

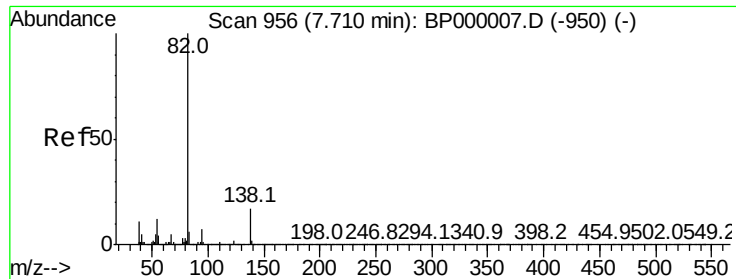
Tot Ion: 82 Resp: 2320545
Ion Ratio Lower Upper
82 100
128 46.6 34.5 51.7
54 40.0 33.2 49.8



#24
Nitrobenzene
Concen: 4.089 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Tgt Ion: 77 Resp: 163287
Ion Ratio Lower Upper
77 100
123 50.2 35.8 53.8
65 12.2 10.1 15.1





#25

Isophorone

Concen: 3.857 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :

BNA_P

ClientSampleId :

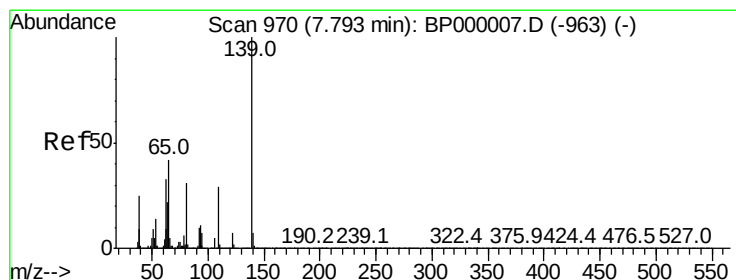
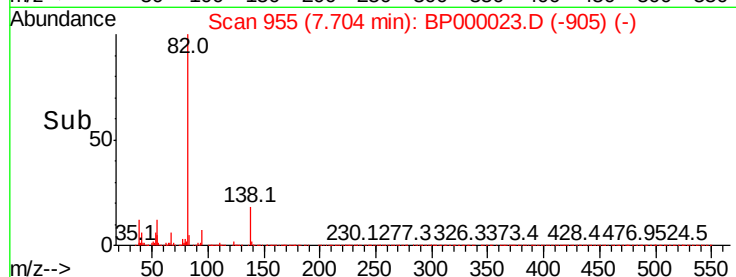
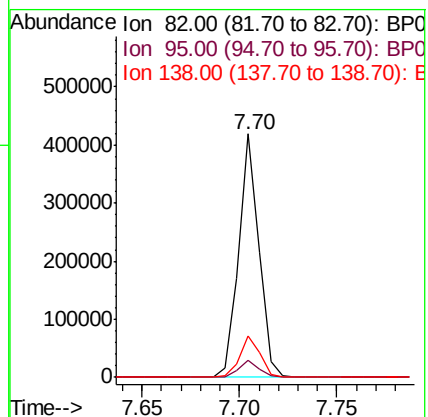
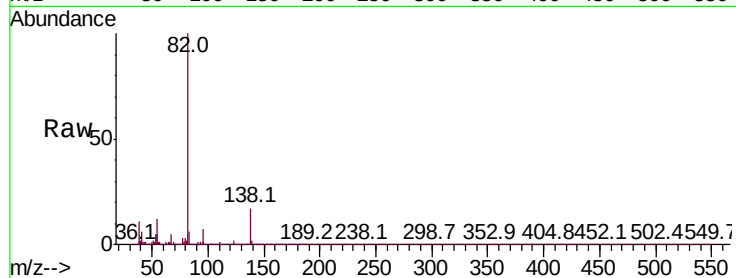
Tot Ion: 82 Resp: 300414

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 17.2 13.8 20.6



#26

2-Nitrophenol

Concen: 2.668 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

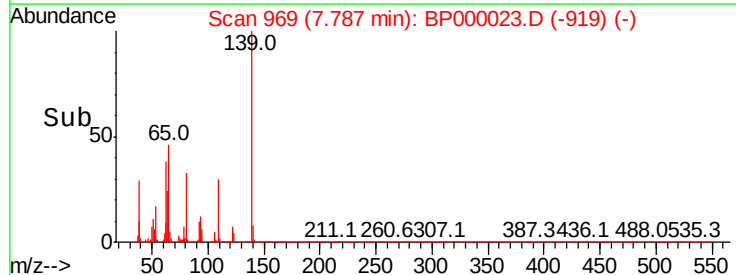
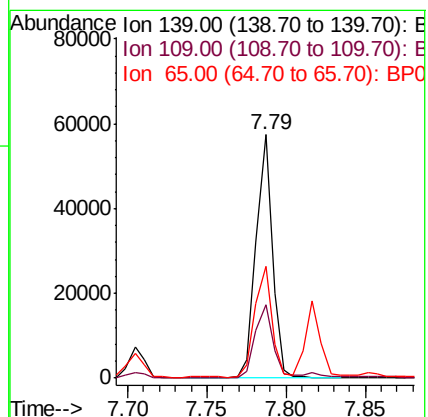
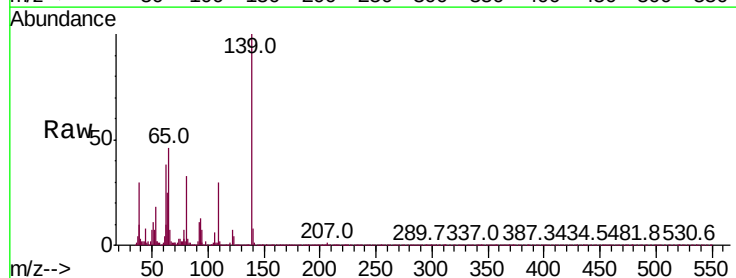
Tgt Ion: 139 Resp: 41490

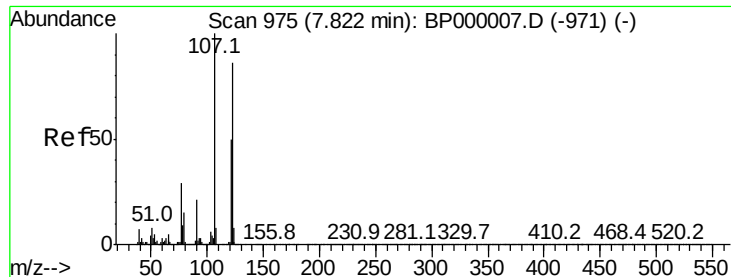
Ion Ratio Lower Upper

139 100

109 30.0 23.4 35.0

65 46.0 33.4 50.0

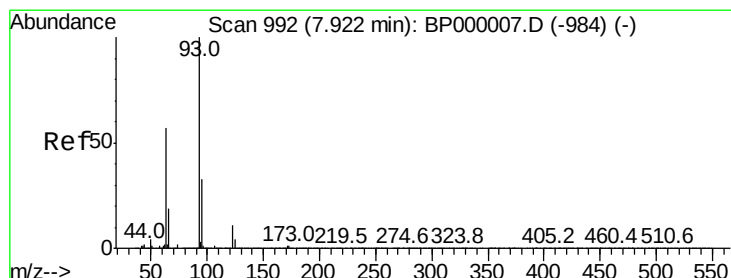
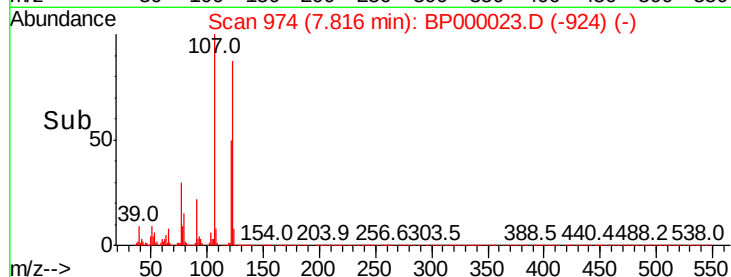
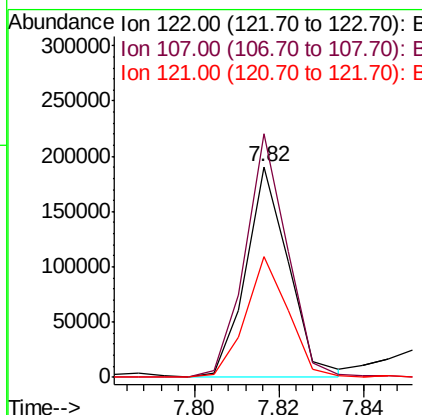
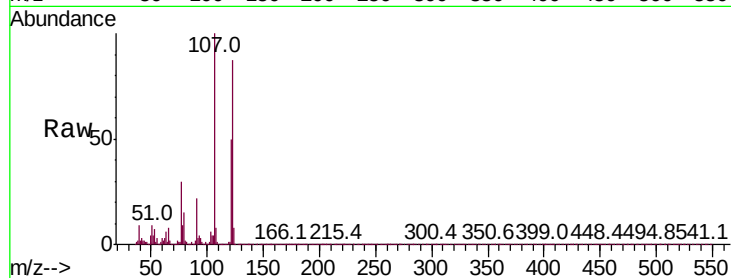




#27
2,4-Dimethylphenol
Concen: 4.259 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

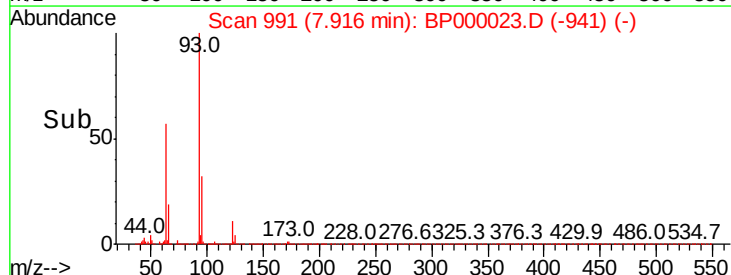
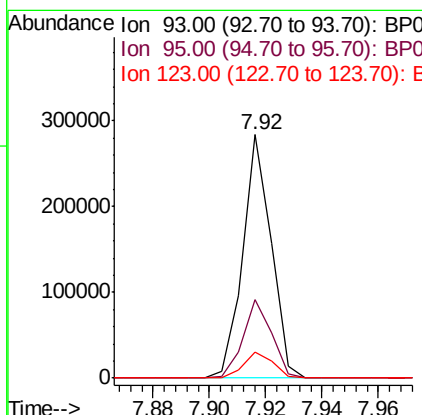
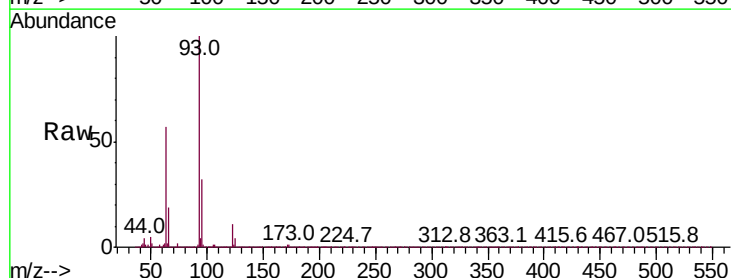
Instrument :
BNA_P
ClientSampled :

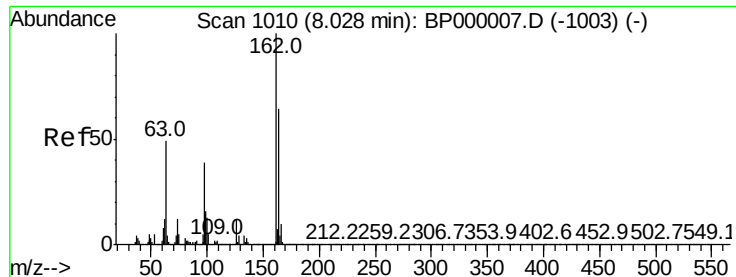
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	92.9	139.3
121	57.3	46.8	70.2



#28
bis(2-Chloroethoxy)methane
Concen: 3.890 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.1	39.1
123	10.8	9.0	13.4

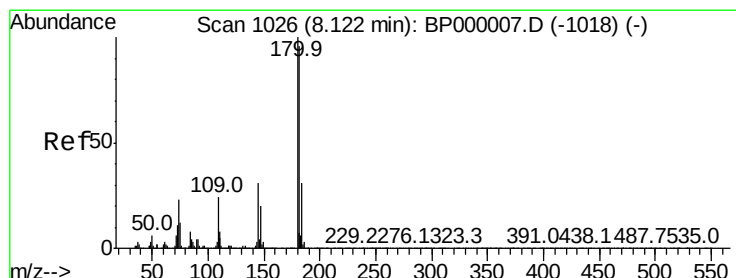
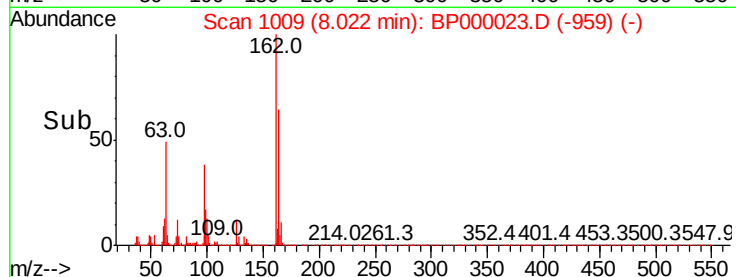
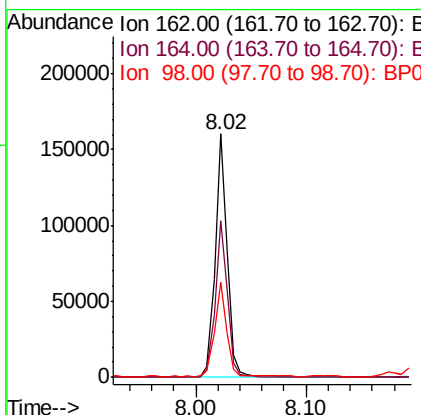
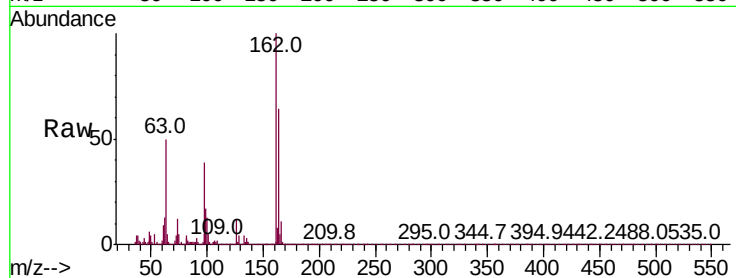




#29
2,4-Dichlorophenol
Concen: 3.754 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

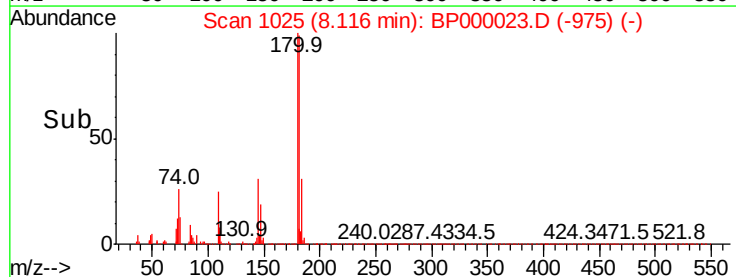
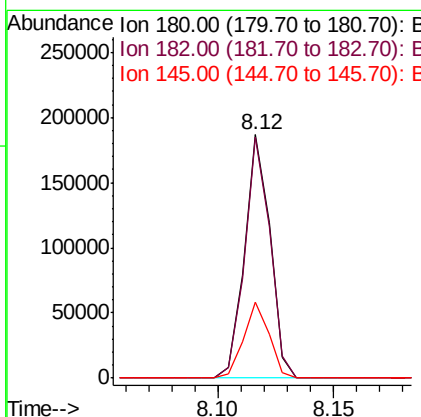
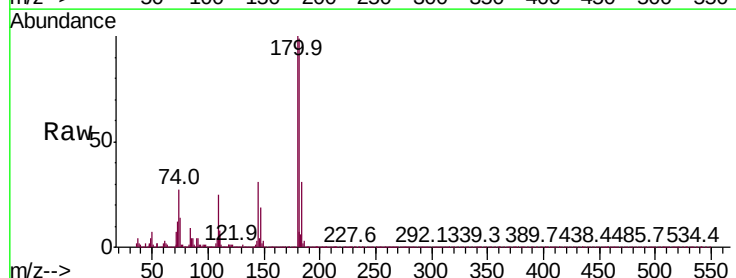
Instrument :
BNA_P
ClientSampleId :

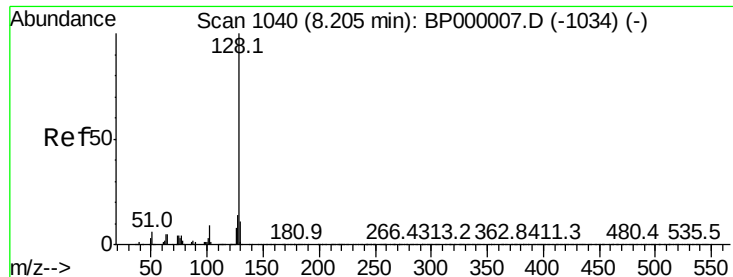
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.2	84.2
98	39.0	18.7	58.7



#30
1,2,4-Trichlorobenzene
Concen: 3.934 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	76.7	115.1
145	31.4	24.8	37.2

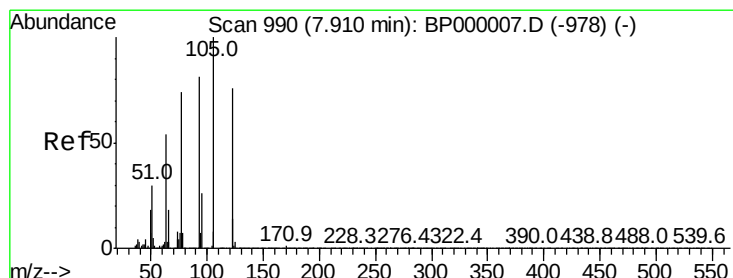
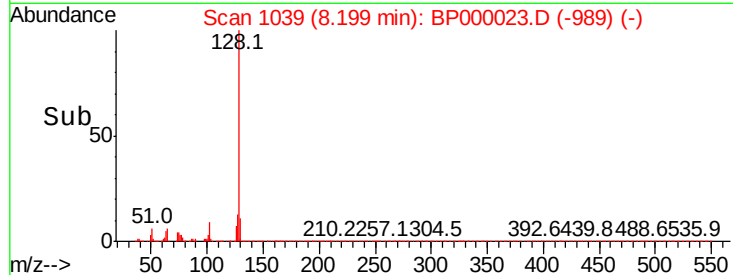
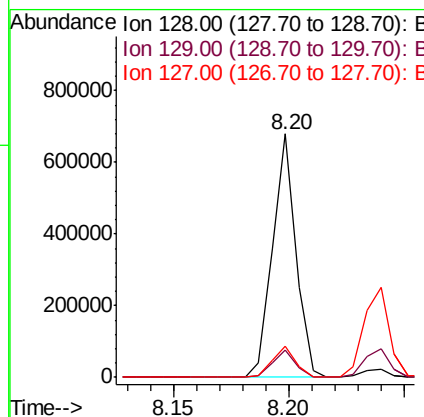
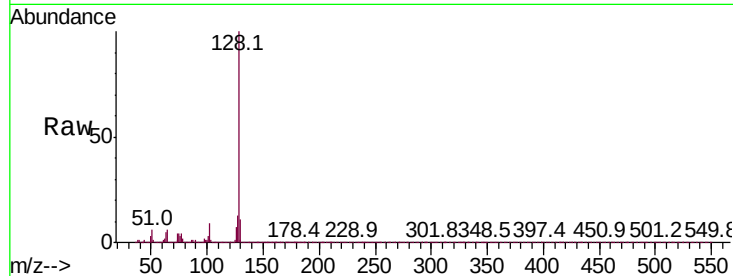




#31
Naphthalene
Concen: 4.590 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

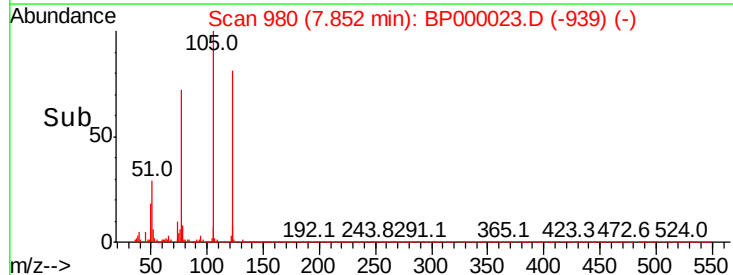
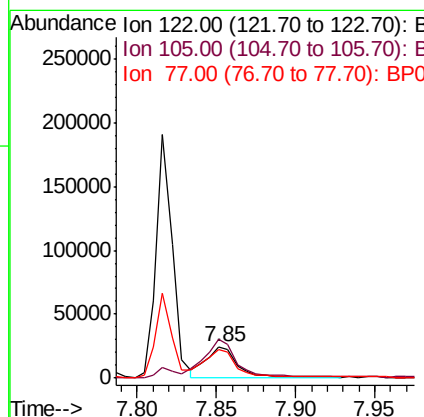
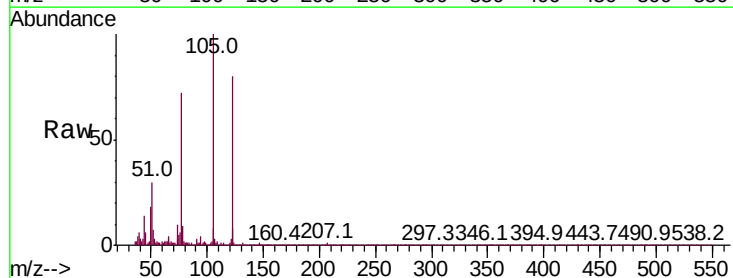
Instrument :
BNA_P
ClientSampled :

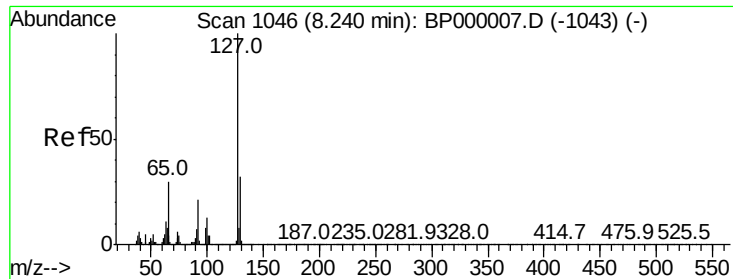
Tot Ion:128 Resp: 476400
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.9 11.0 16.6



#32
Benzoic acid
Concen: 9.347 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.06 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Tgt Ion:122 Resp: 32453
Ion Ratio Lower Upper
122 100
105 125.4 104.6 144.6
77 90.5 74.1 114.1

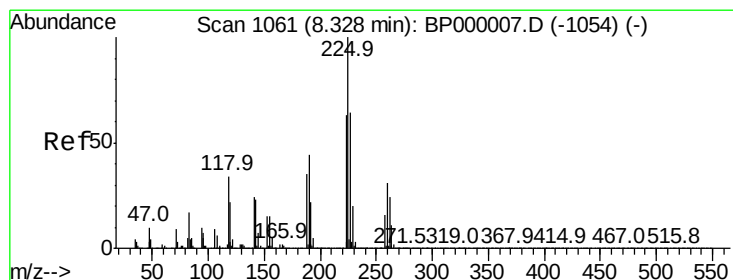
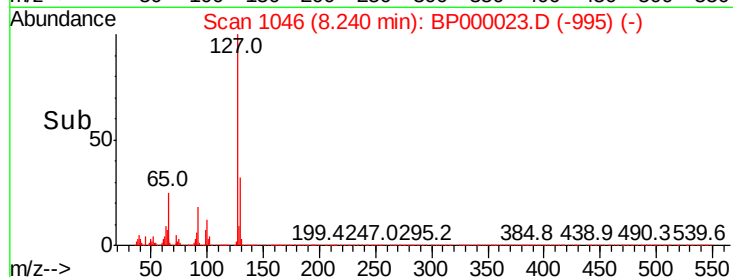
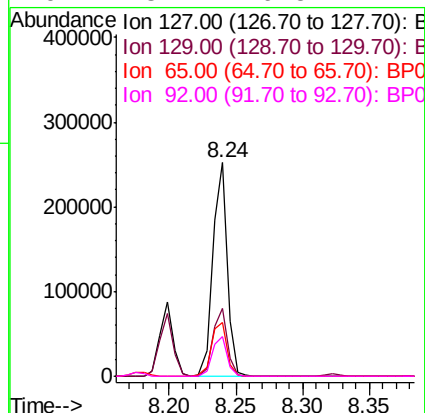
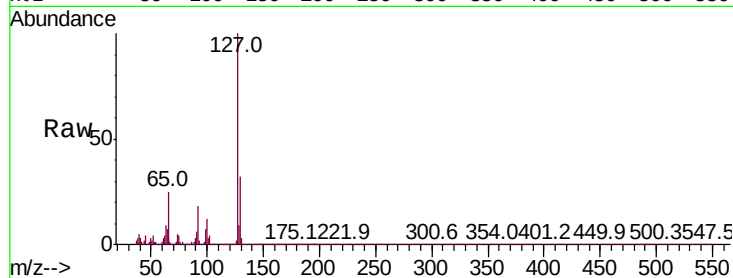




#33
4-Chloroaniline
Concen: 3.915 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

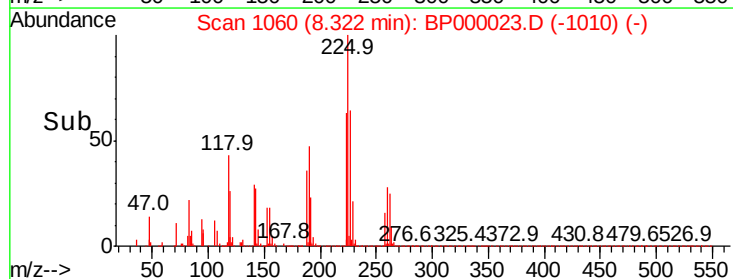
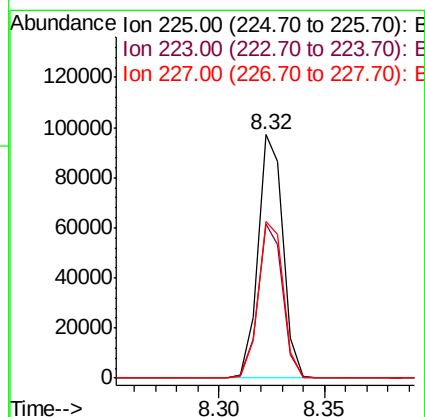
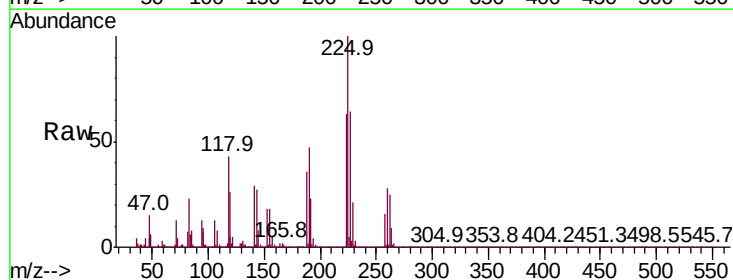
Instrument :
BNA_P
ClientSampleId :

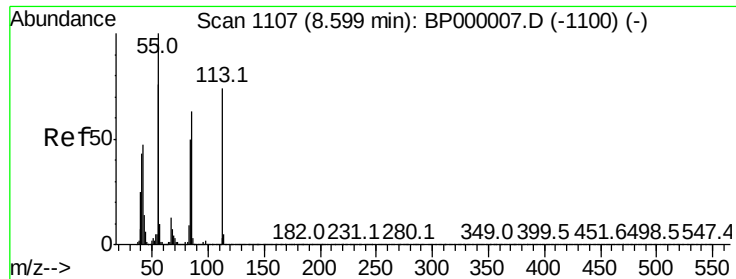
Tot Ion:	127	Resp:	191656
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	25.2	24.2	36.2
92	18.4	16.5	24.7



#34
Hexachlorobutadiene
Concen: 3.852 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Tgt Ion:	225	Resp:	79845
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	64.4	51.0	76.4

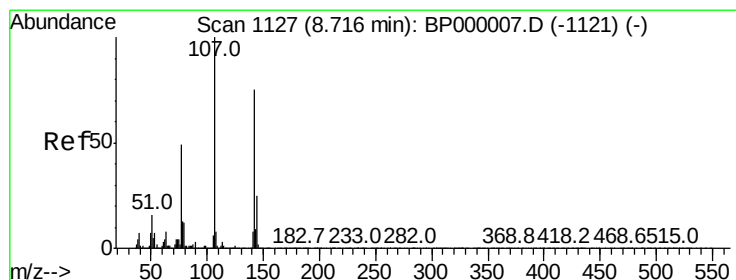
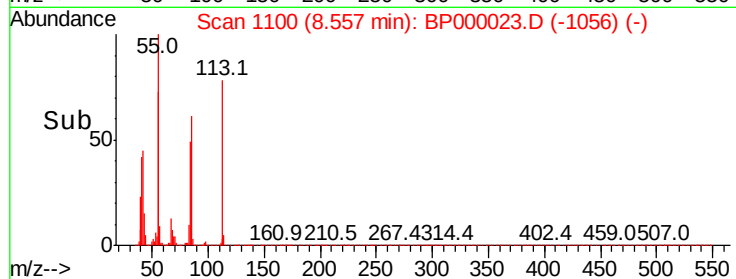
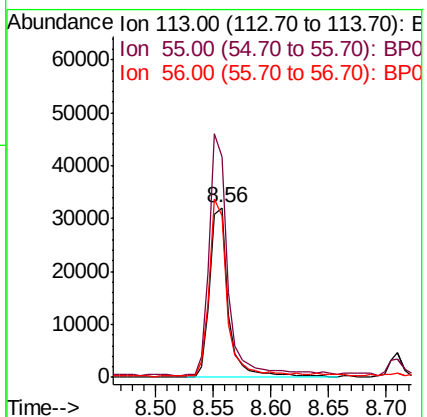
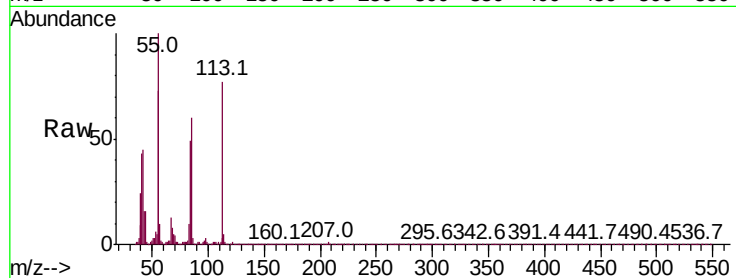




#35
 Caprolactam
 Concen: 3.159 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.04 min
 Lab File: BP000023.D
 Acq: 31 Aug 2019 00:52

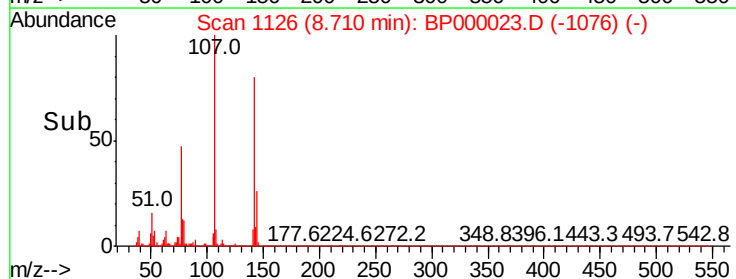
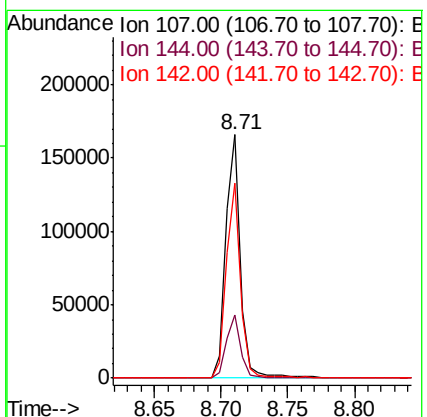
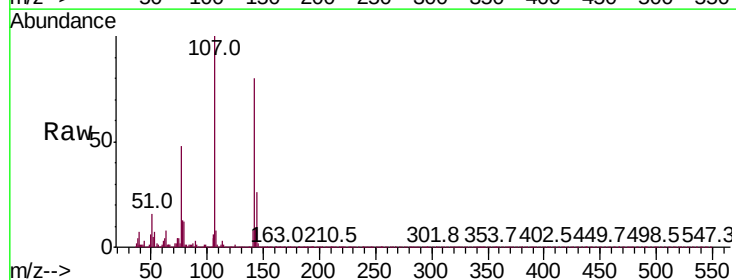
Instrument :
 BNA_P
 ClientSampleId :

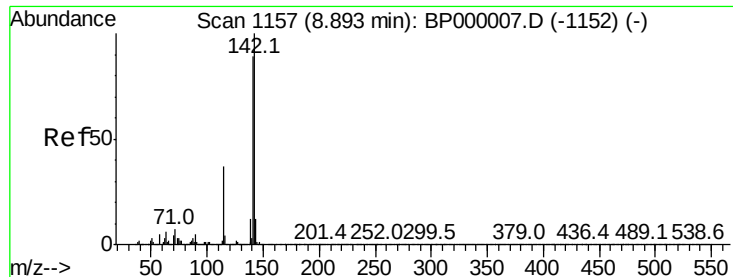
Tot Ion:113 Resp: 36256
 Ion Ratio Lower Upper
 113 100
 55 129.9 114.6 154.6
 56 95.2 82.1 122.1



#36
 4-Chloro-3-methylphenol
 Concen: 3.639 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BP000023.D
 Acq: 31 Aug 2019 00:52

Tgt Ion:107 Resp: 128142
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.8 29.6
 142 80.0 60.4 90.6

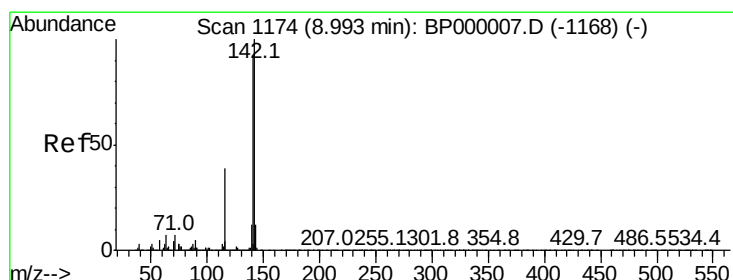
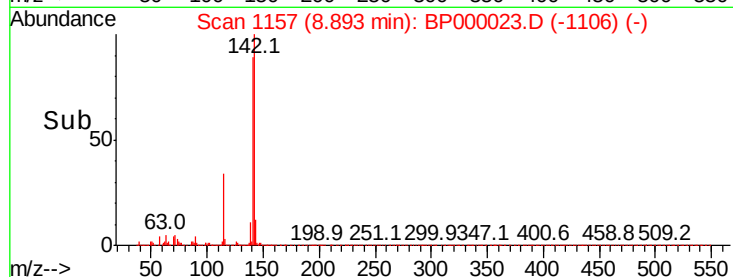
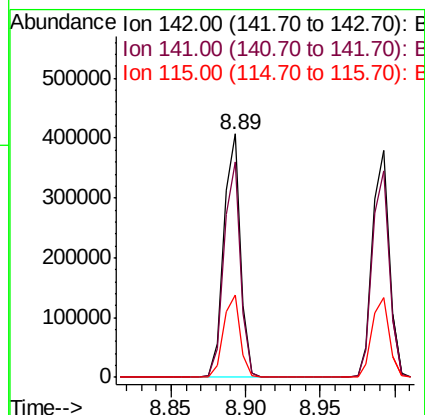
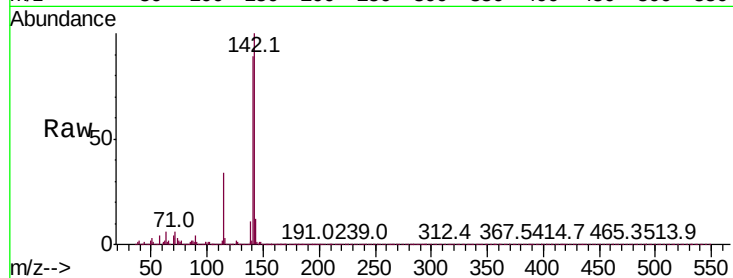




#37
 2-Methylnaphthalene
 Concen: 4.423 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BP000023.D
 Acq: 31 Aug 2019 00:52

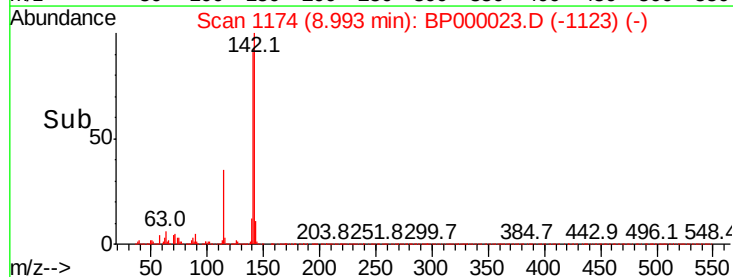
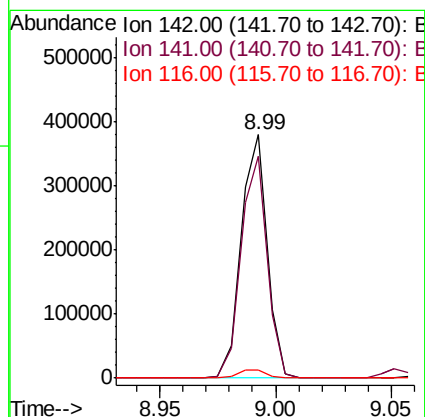
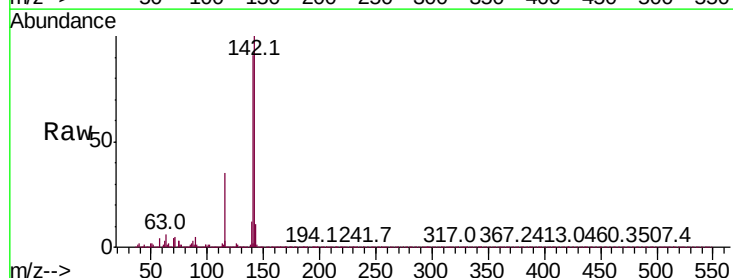
Instrument :
 BNA_P
 ClientSampled :

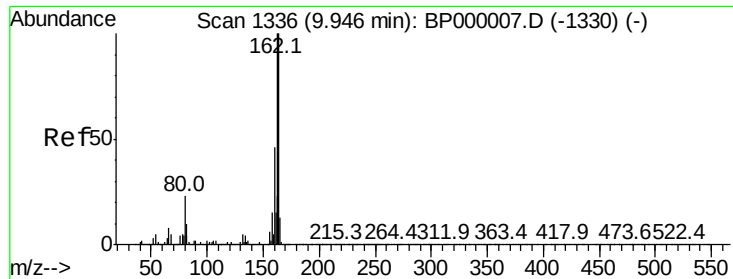
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.4
115	33.8	29.4	44.2



#38
 1-Methylnaphthalene
 Concen: 4.356 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BP000023.D
 Acq: 31 Aug 2019 00:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.6	110.4
116	3.4	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

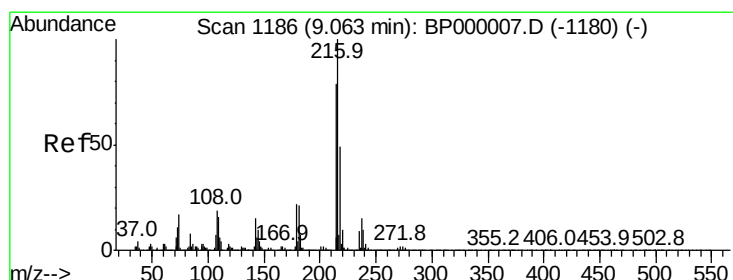
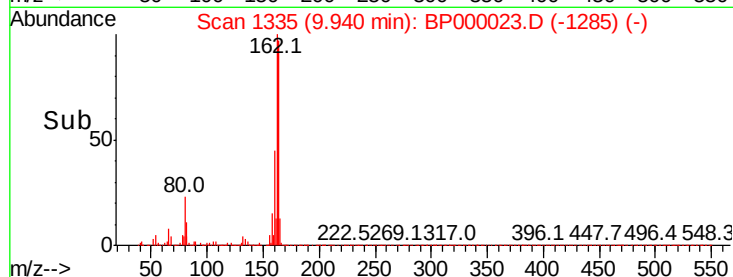
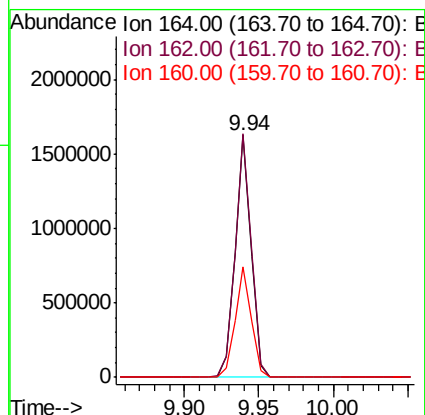
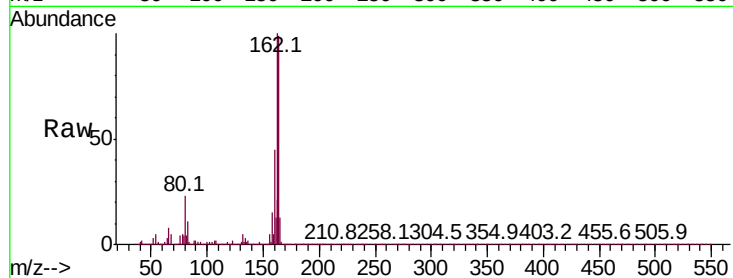
Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :
BNA_P
ClientSampleId :

Tot Ion:164 Resp: 1239330

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.4
160	45.4	36.6	55.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.404 ng

RT: 9.06 min Scan# 1185

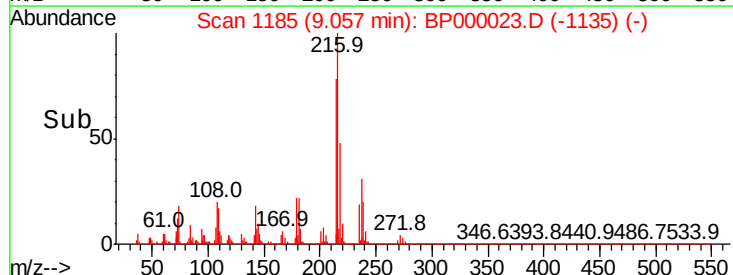
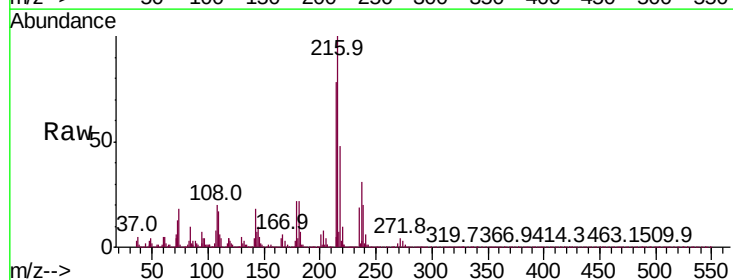
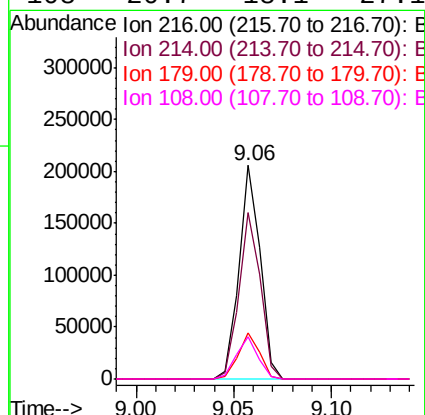
Delta R.T. -0.01 min

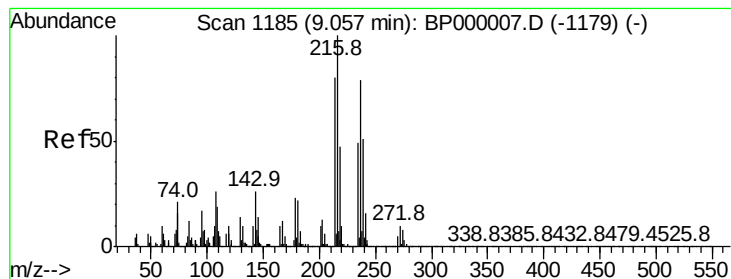
Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Tgt Ion:216 Resp: 154497

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.2
179	21.9	17.8	26.6
108	20.7	18.1	27.1





#41

Hexachlorocyclopentadiene

Concen: 3.527 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :

BNA_P

ClientSampled :

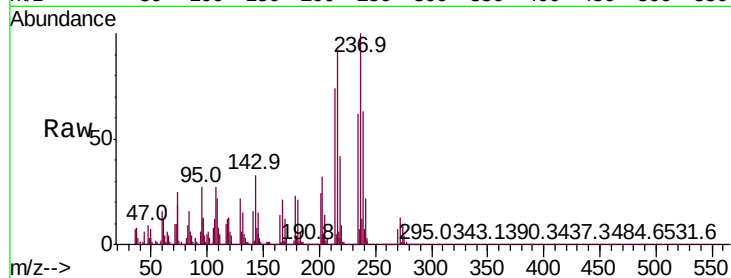
Tot Ion:237 Resp: 68126

Ion Ratio Lower Upper

237 100

235 62.5 42.0 82.0

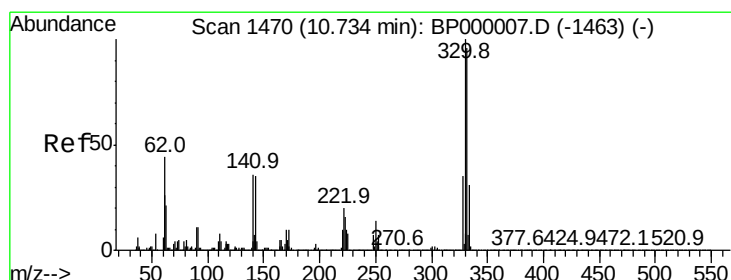
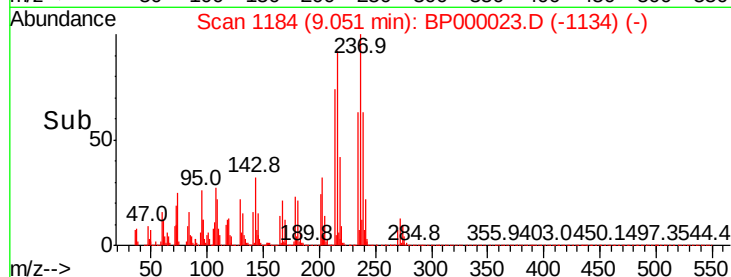
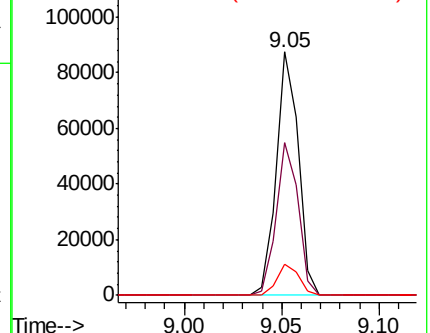
272 12.7 0.0 33.1



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: 96.359 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

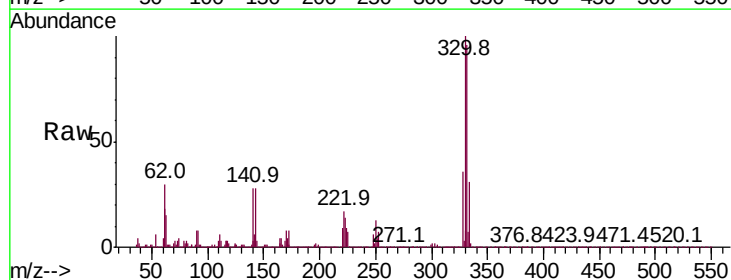
Tgt Ion:330 Resp: 1006592

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

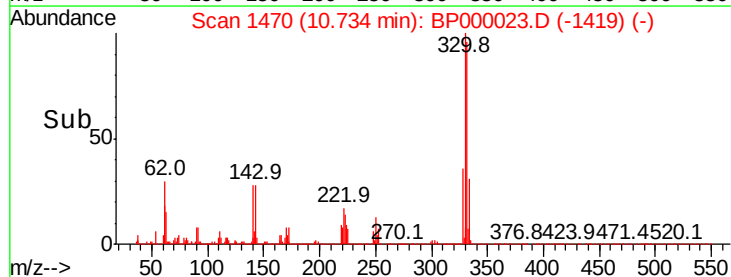
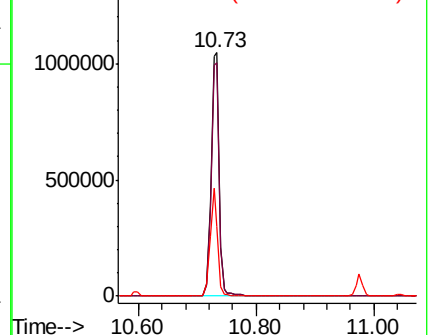
141 40.0 33.6 50.4

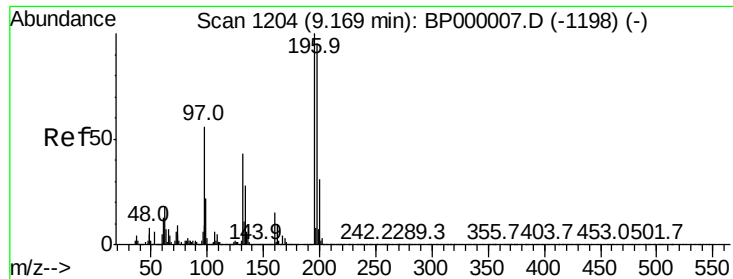


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

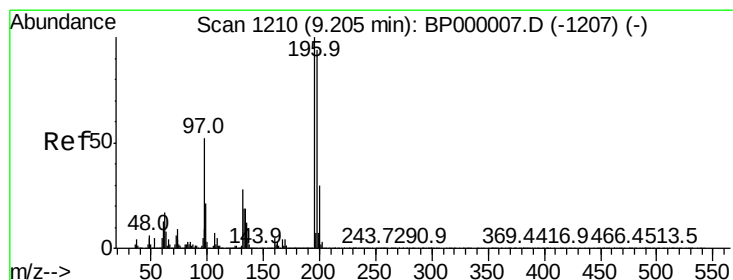
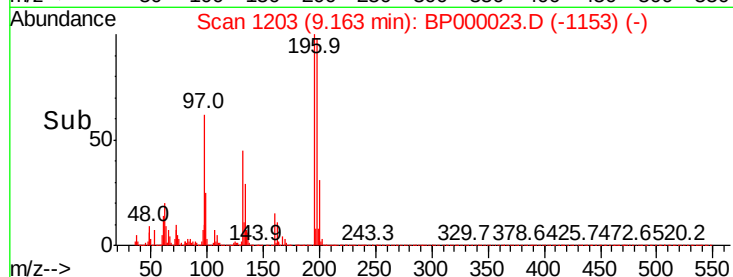
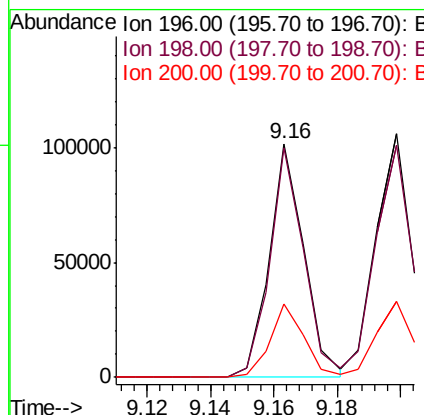
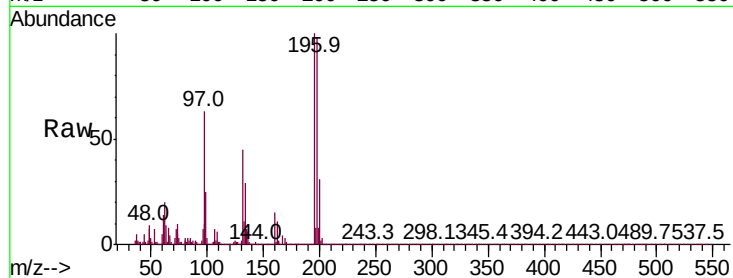




#43
 2,4,6-Trichlorophenol
 Concen: 3.200 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BP000023.D
 Acq: 31 Aug 2019 00:52

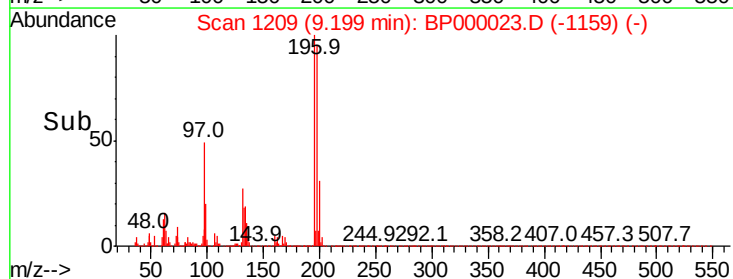
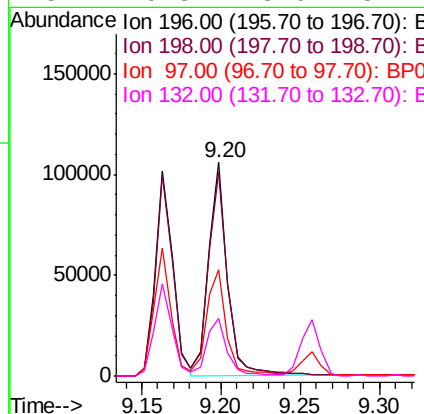
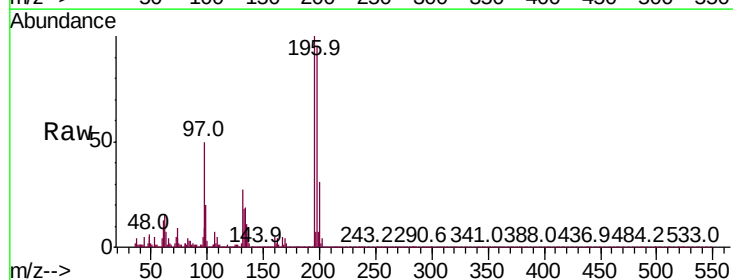
Instrument :
 BNA_P
 ClientSampleId :

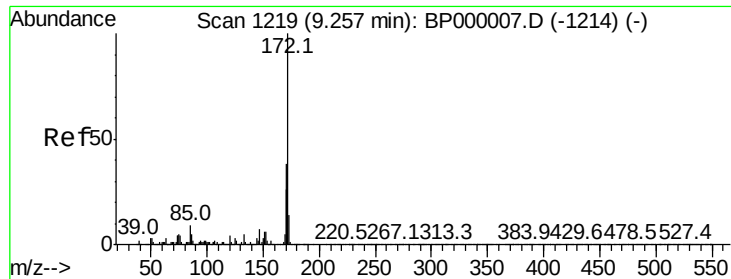
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	76.2	114.2
200	31.2	25.0	37.4



#44
 2,4,5-Trichlorophenol
 Concen: 3.494 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BP000023.D
 Acq: 31 Aug 2019 00:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	74.9	112.3
97	49.5	42.2	63.2
132	26.8	23.0	34.4

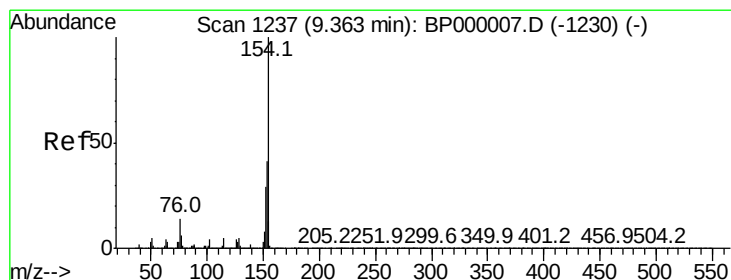
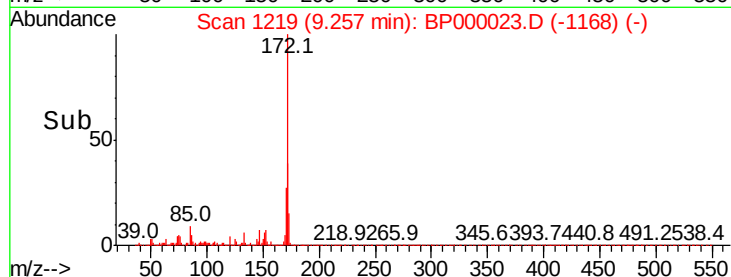
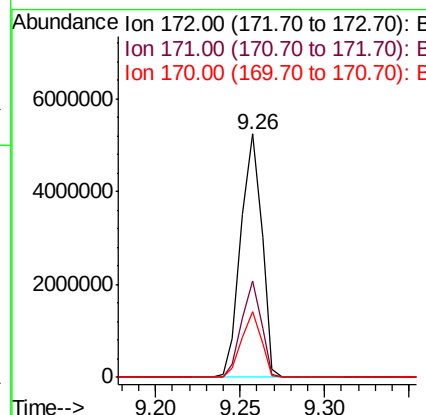
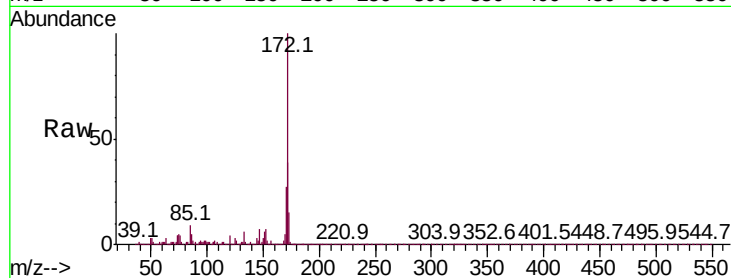




#45
2-Fluorobiphenyl
Concen: 61.122 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

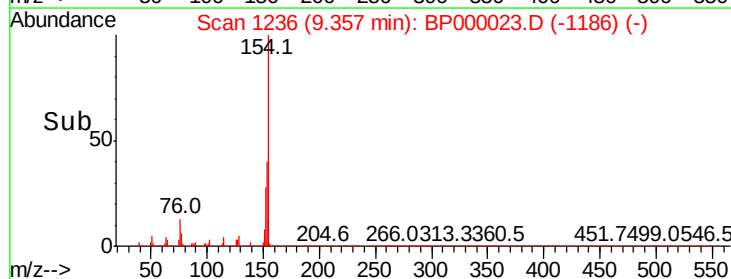
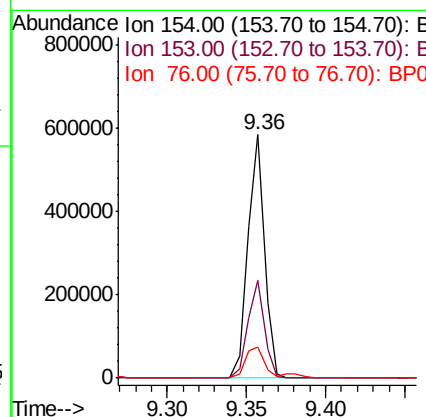
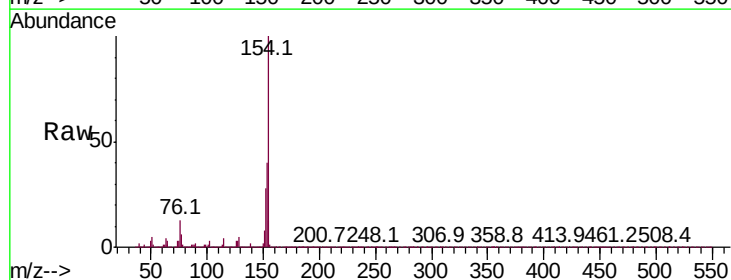
Instrument :
BNA_P
ClientSampleId :

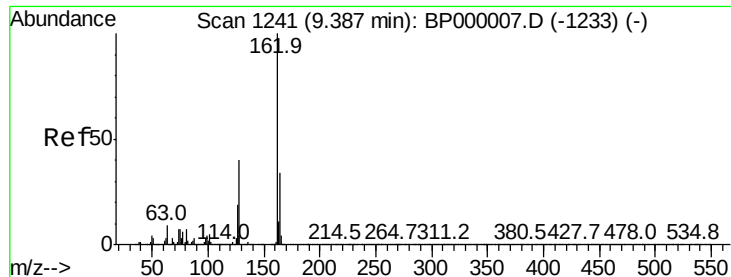
Tot Ion:172 Resp: 4535945
Ion Ratio Lower Upper
172 100
171 39.4 30.7 46.1
170 26.8 20.7 31.1



#46
1,1'-Biphenyl
Concen: 4.807 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Tgt Ion:154 Resp: 420613
Ion Ratio Lower Upper
154 100
153 40.0 21.1 61.1
76 13.0 0.0 33.7

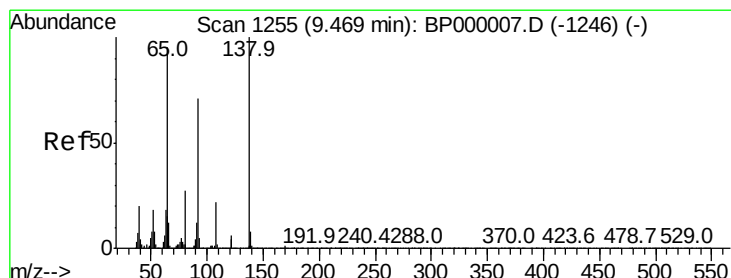
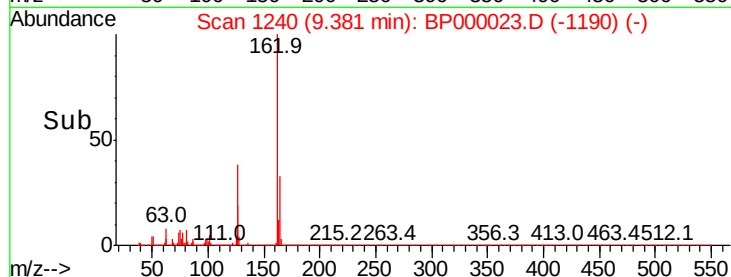
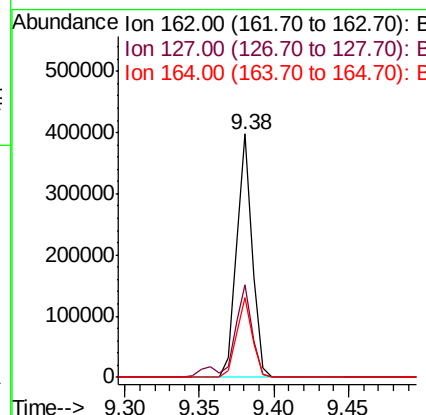
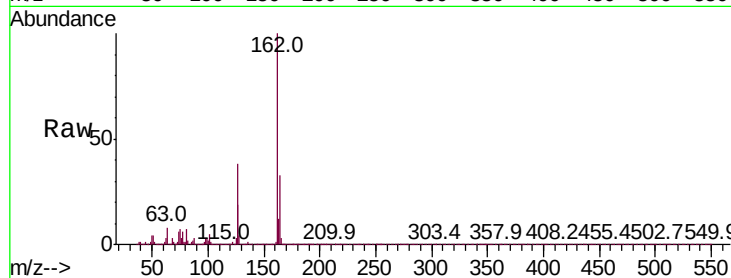




#47
2-Chloronaphthalene
Concen: 4.089 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

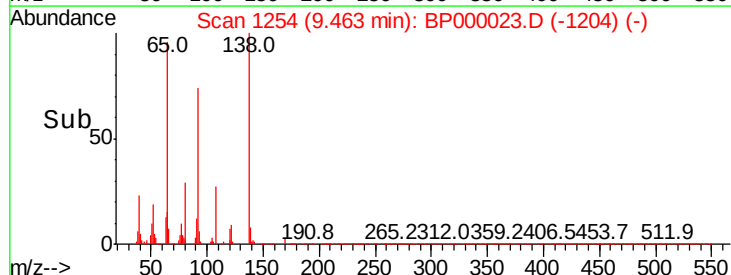
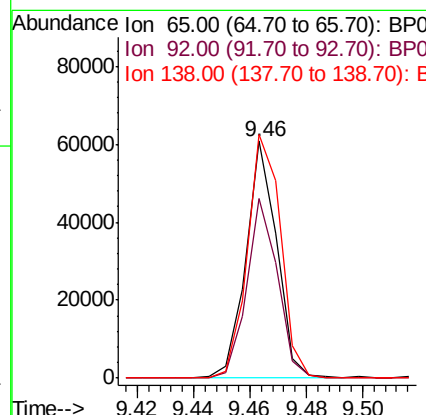
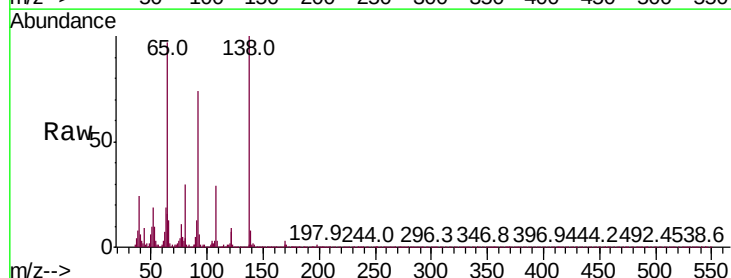
Instrument :
BNA_P
ClientSampled :

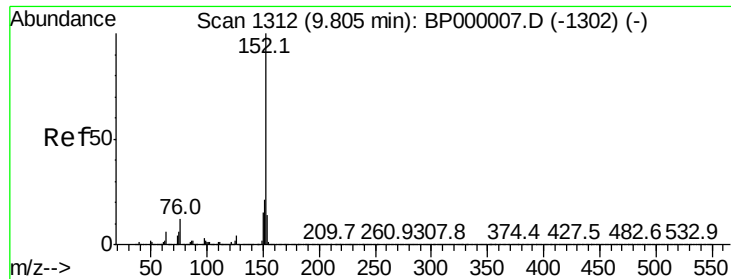
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	32.2	48.4
164	32.6	26.9	40.3



#48
2-Nitroaniline
Concen: 2.322 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.9	60.3	90.5
138	102.8	84.5	126.7





#49

Acenaphthylene

Concen: 4.354 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :

BNA_P

ClientSampleId :

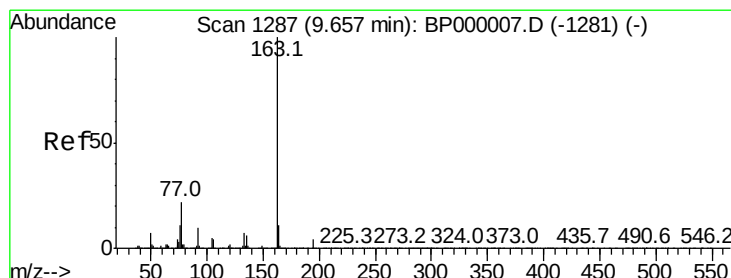
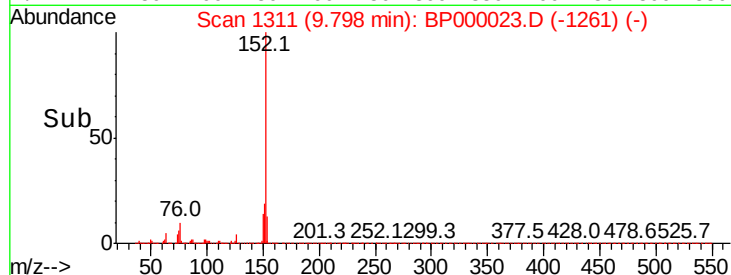
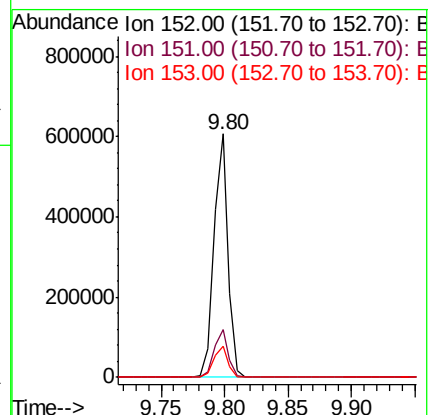
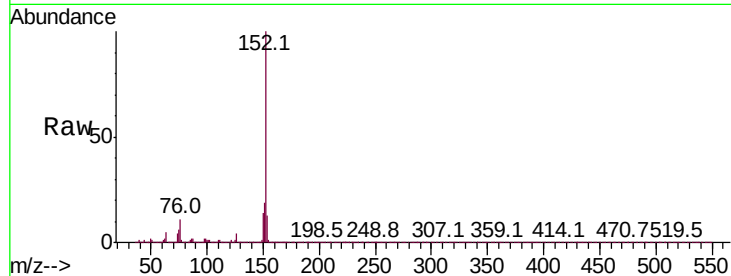
Tot Ion:152 Resp: 469222

Ion Ratio Lower Upper

152 100

151 19.5 17.0 25.6

153 13.0 11.0 16.6



#50

Dimethylphthalate

Concen: 3.962 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

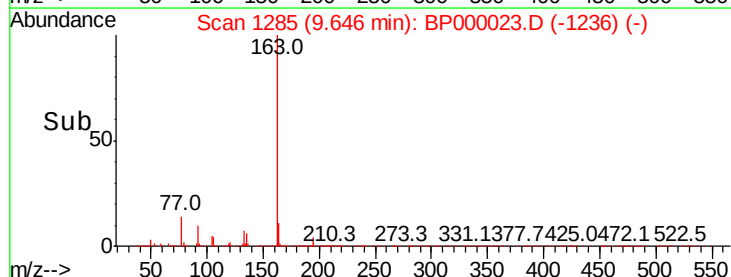
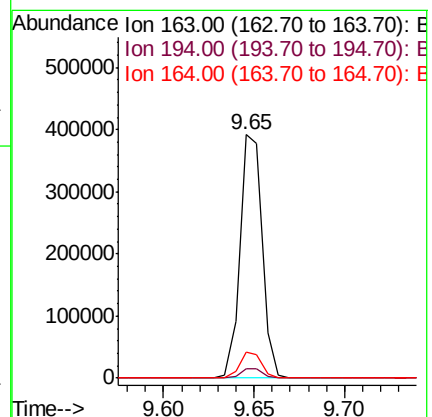
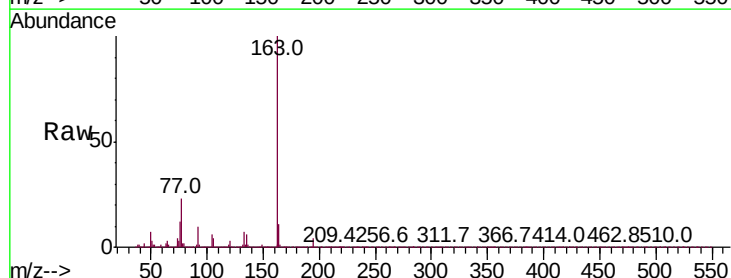
Tgt Ion:163 Resp: 334571

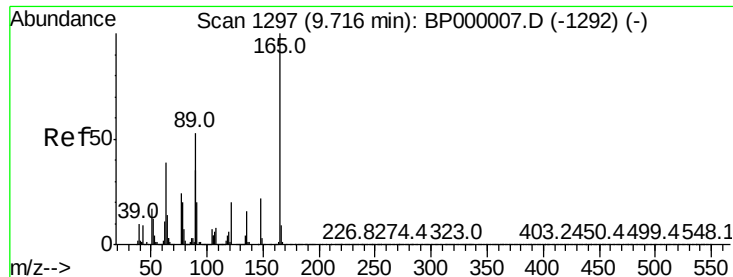
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.6 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 3.018 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :

BNA_P

ClientSampleId :

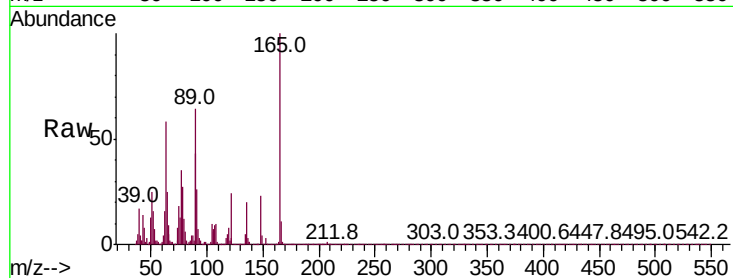
Tot Ion:165 Resp: 54103

Ion Ratio Lower Upper

165 100

63 58.4 35.8 53.6#

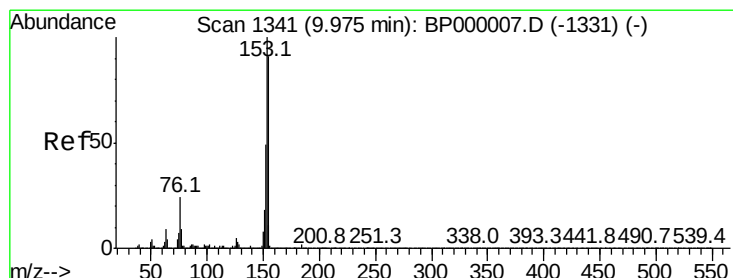
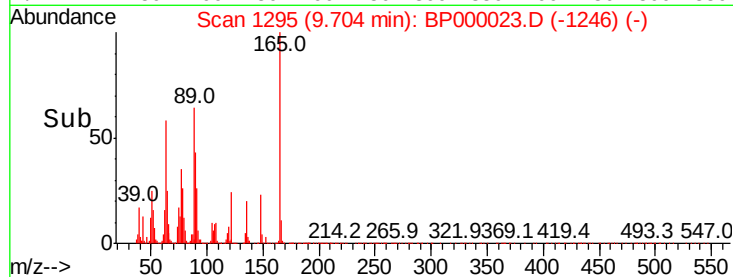
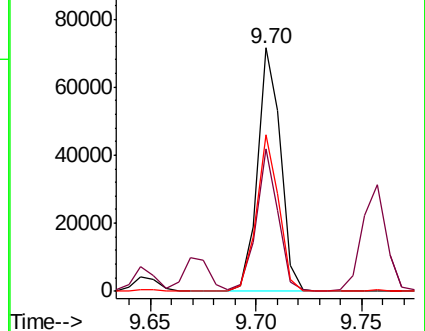
89 64.3 42.2 63.4#



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: 4.191 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

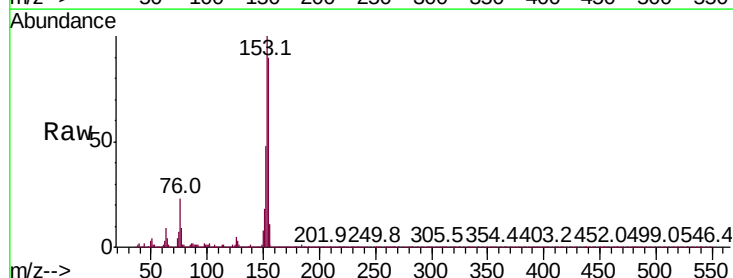
Tgt Ion:154 Resp: 283384

Ion Ratio Lower Upper

154 100

153 111.6 88.2 132.2

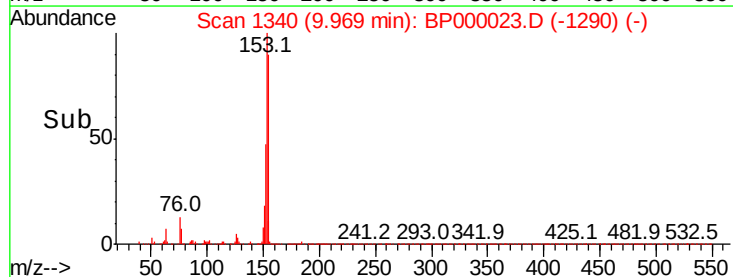
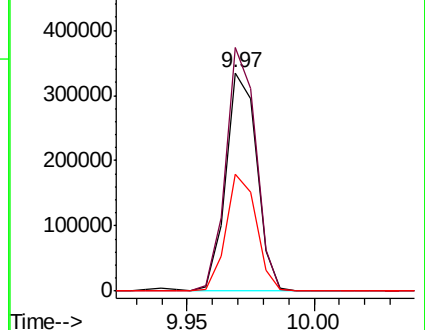
152 53.7 42.9 64.3

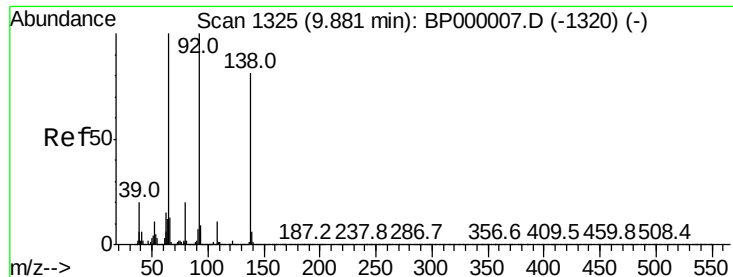


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

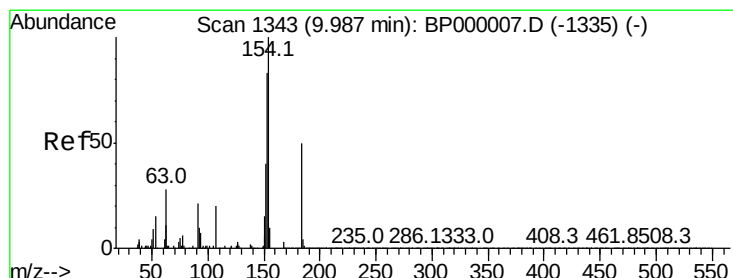
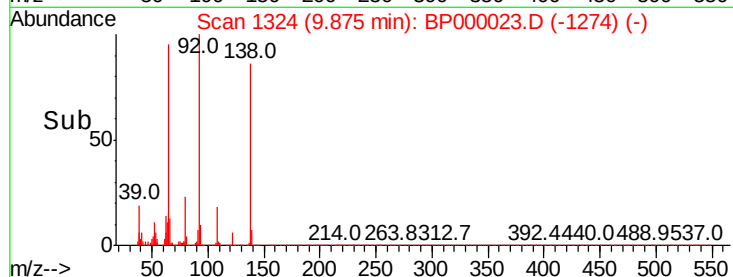
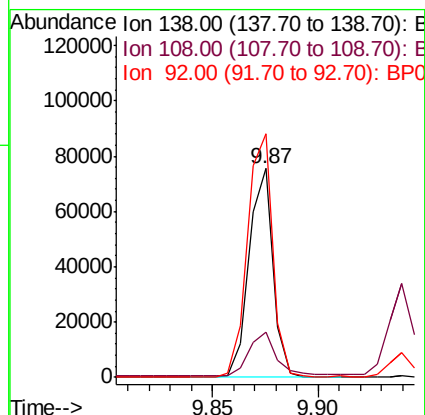
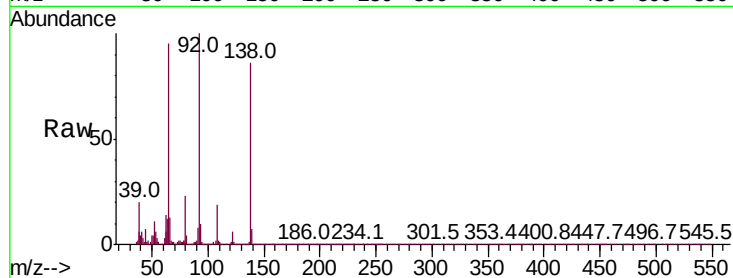




#53
3-Nitroaniline
Concen: 2.777 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

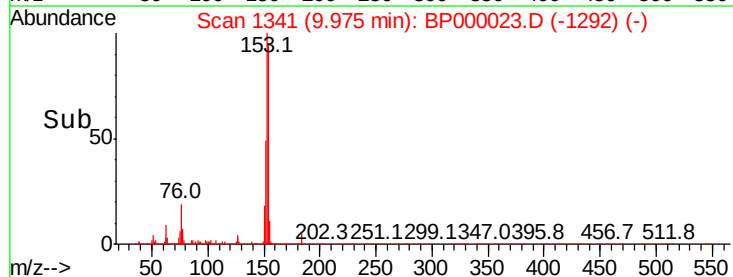
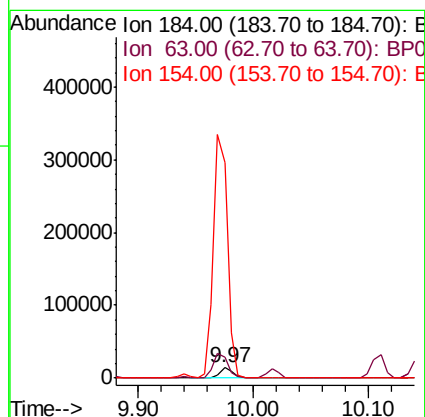
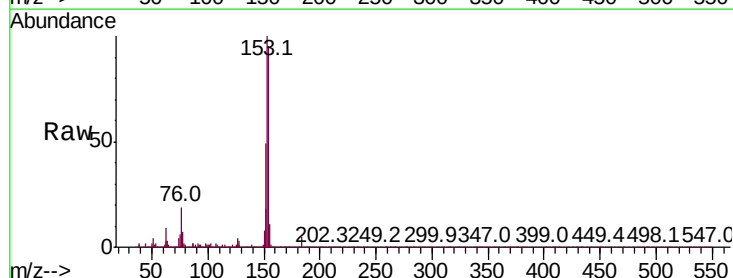
Instrument :
BNA_P
ClientSampled :

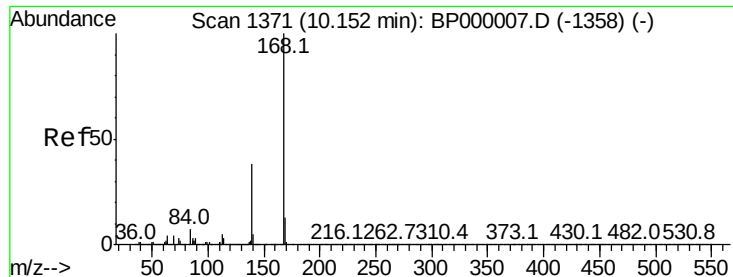
Tot Ion:138 Resp: 59464
Ion Ratio Lower Upper
138 100
108 21.9 11.0 16.4#
92 116.5 98.2 147.4



#54
2,4-Dinitrophenol
Concen: 10.165 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Tgt Ion:184 Resp: 11424
Ion Ratio Lower Upper
184 100
63 197.7 46.0 69.0#
154 2095.5 161.9 242.9#





#55

Dibenzofuran

Concen: 4.465 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :

BNA_P

ClientSampleId :

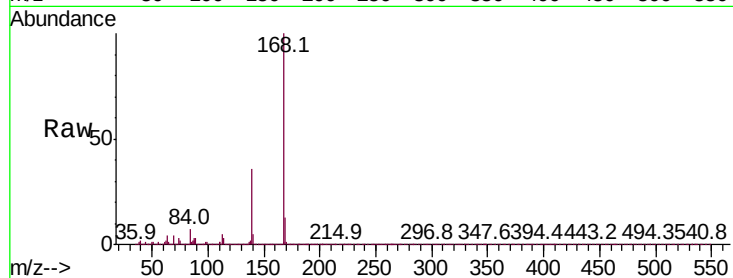
Tot Ion:168 Resp: 428711

Ion	Ratio	Lower	Upper
168	100		
139	35.6	30.2	45.2
169	12.9	10.7	16.1

168 100

139 35.6 30.2 45.2

169 12.9 10.7 16.1

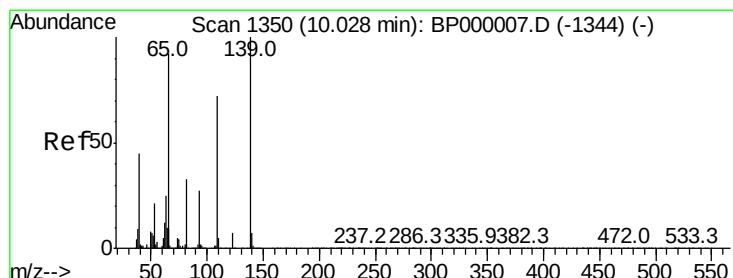
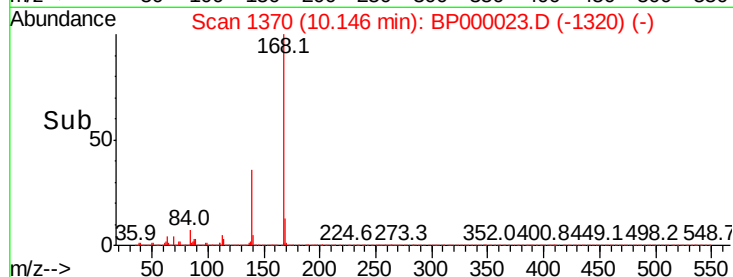
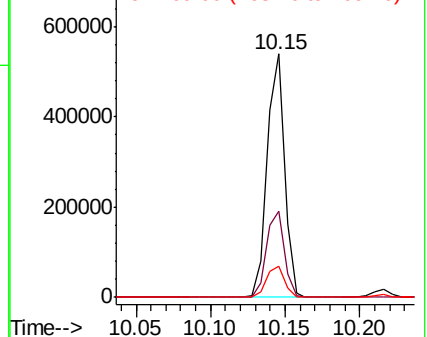


Abundance

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: 2.462 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

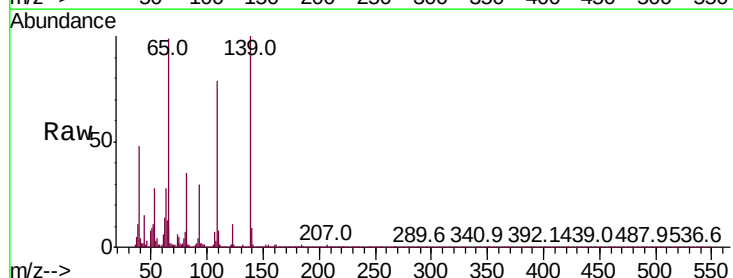
Tgt Ion:139 Resp: 37690

Ion	Ratio	Lower	Upper
139	100		
109	78.6	52.4	92.4
65	99.1	72.2	112.2

139 100

109 78.6 52.4 92.4

65 99.1 72.2 112.2

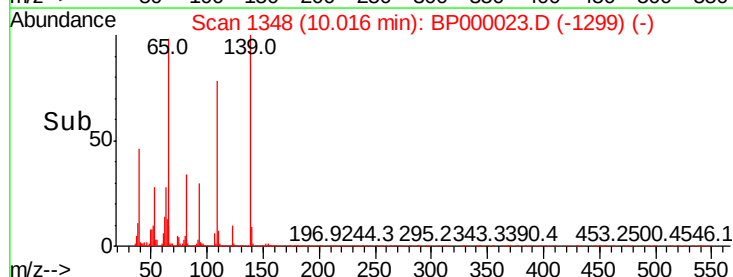
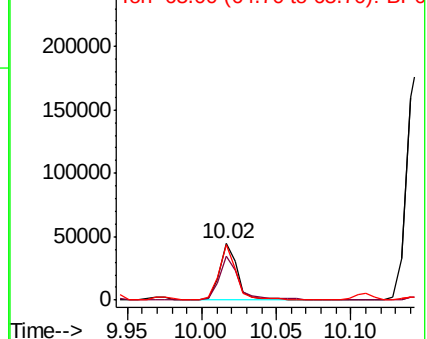


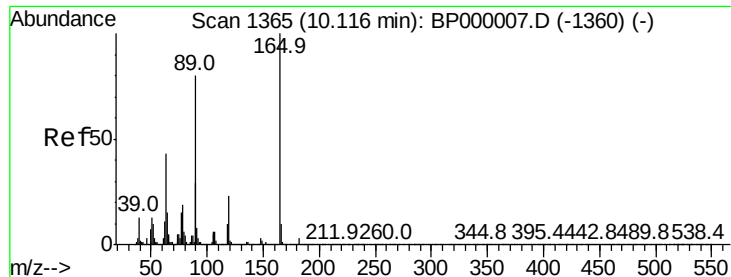
Abundance

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

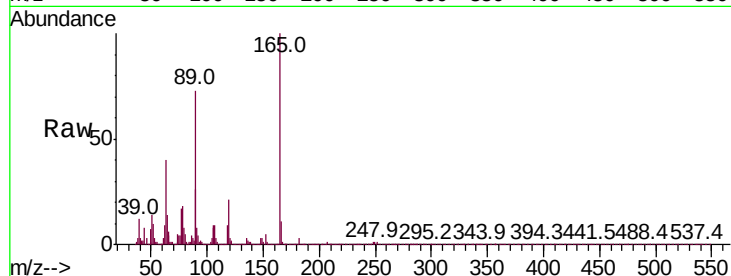




#57
 2,4-Dinitrotoluene
 Concen: 2.567 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BP000023.D
 Acq: 31 Aug 2019 00:52

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:	165	Resp:	58754
Ion	Ratio	Lower	Upper
165	100		
63	40.1	34.4	51.6
89	73.1	64.3	96.5
182	3.1	2.2	3.4



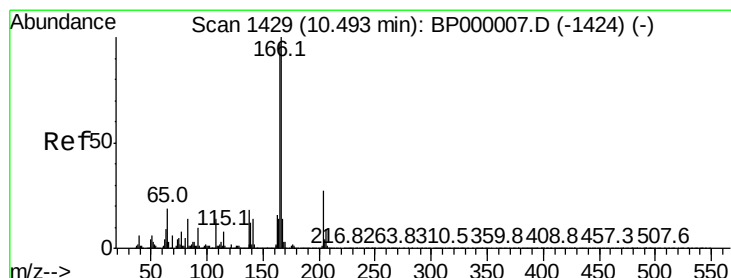
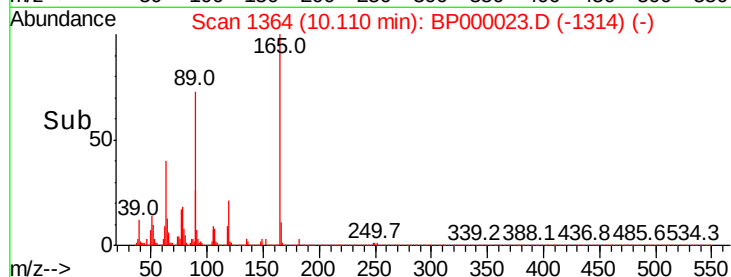
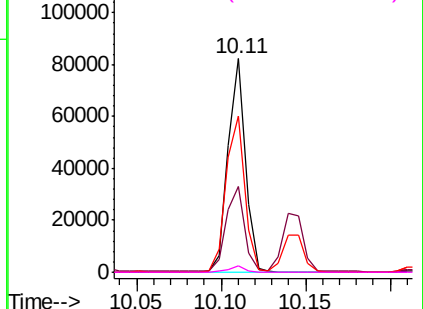
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

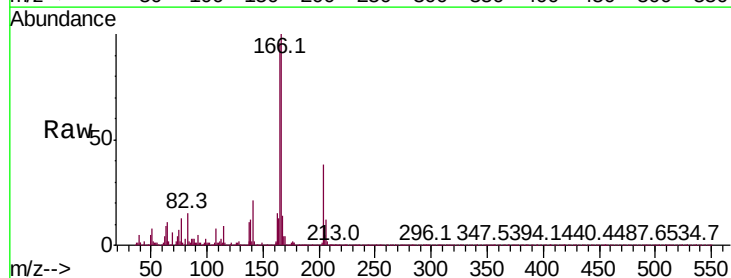
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 4.746 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BP000023.D
 Acq: 31 Aug 2019 00:52

Tgt Ion:	166	Resp:	342982
Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.3	115.9
167	13.7	11.0	16.6

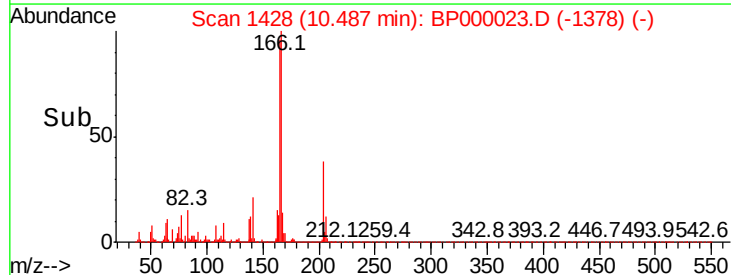
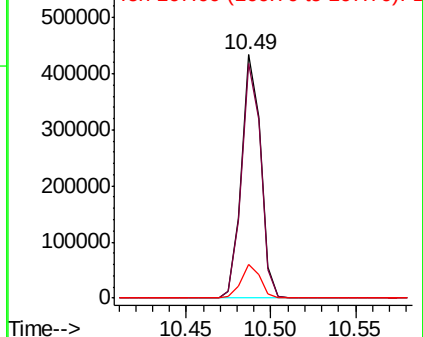


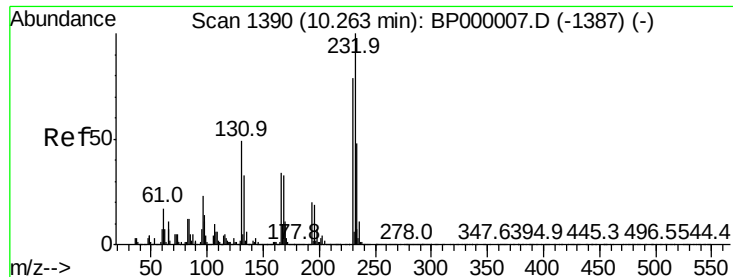
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.438 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

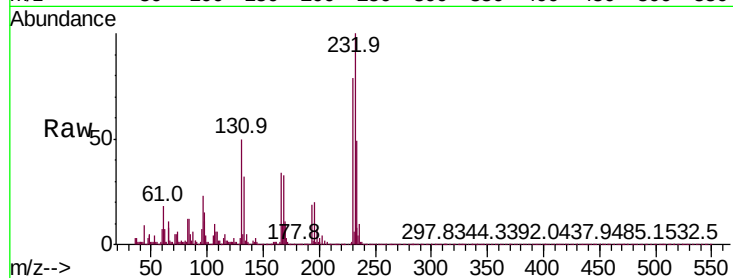
Instrument :

BNA_P

ClientSampled :

Tot Ion:232 Resp: 65880

Ion	Ratio	Lower	Upper
232	100		
131	50.4	39.3	58.9
130	2.7	2.1	3.1
166	33.4	26.5	39.7



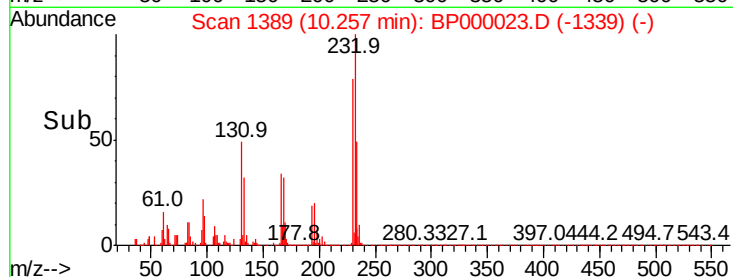
Abundance

Ion 232.00 (231.70 to 232.70): E

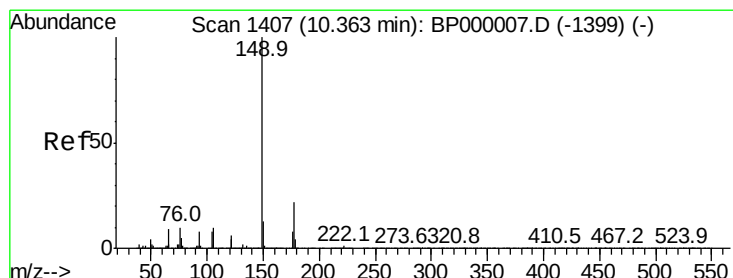
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 3.842 ng

RT: 10.36 min Scan# 1406

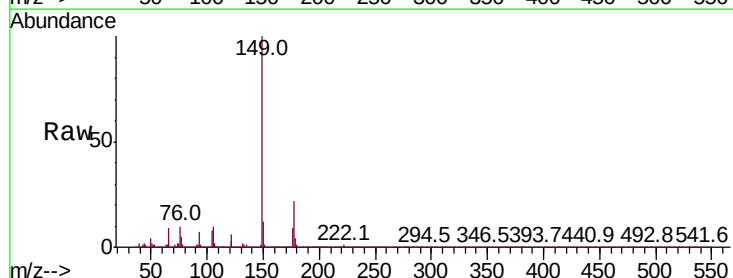
Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Tgt Ion:149 Resp: 324814

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.3	25.9
150	12.2	10.3	15.5

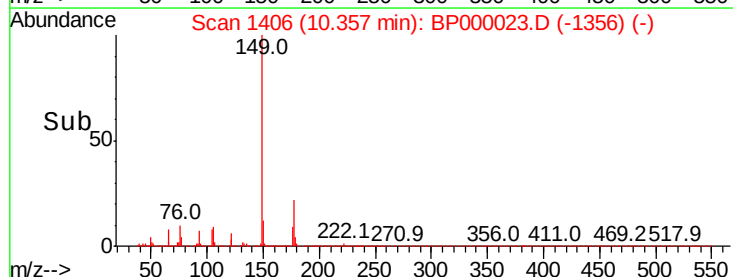


Abundance

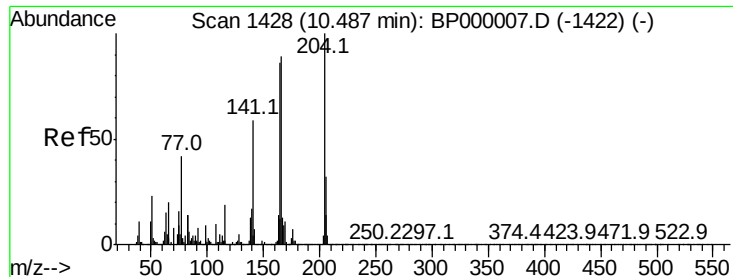
Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



#61

4-Chlorophenyl-phenylether

Concen: 4.282 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :

BNA_P

ClientSampleId :

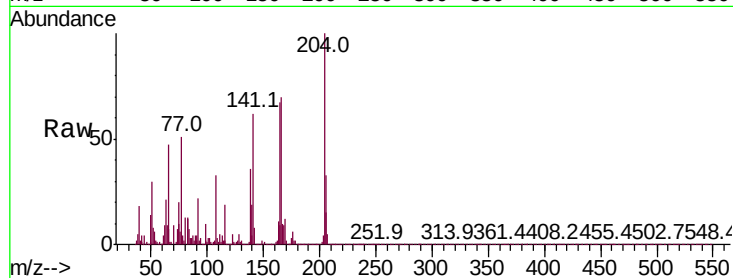
Tot Ion:204 Resp: 160859

Ion Ratio Lower Upper

204 100

206 32.8 26.0 39.0

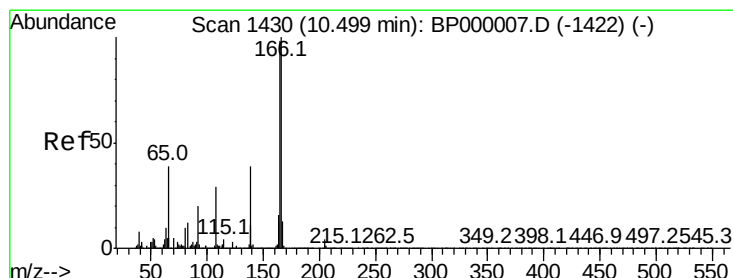
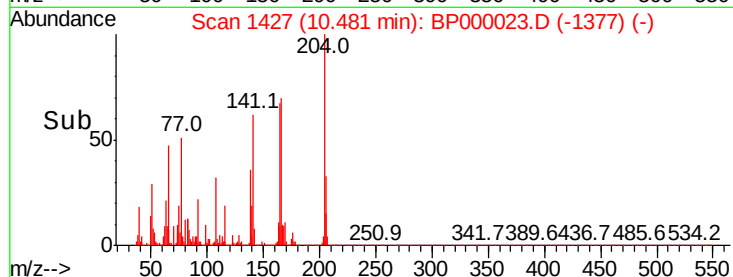
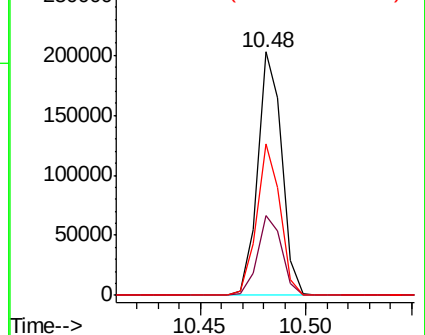
141 62.1 47.6 71.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 2.939 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

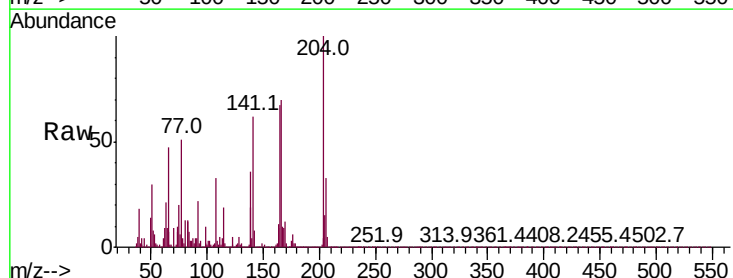
Tgt Ion:138 Resp: 60029

Ion Ratio Lower Upper

138 100

92 60.3 32.8 72.8

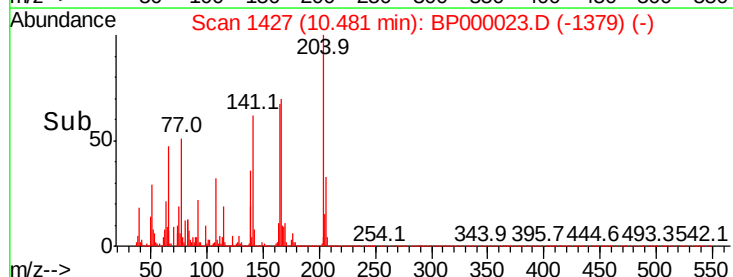
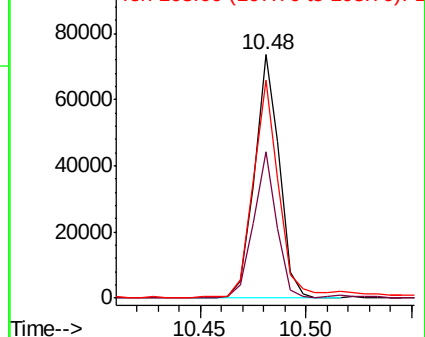
108 89.8 55.7 95.7

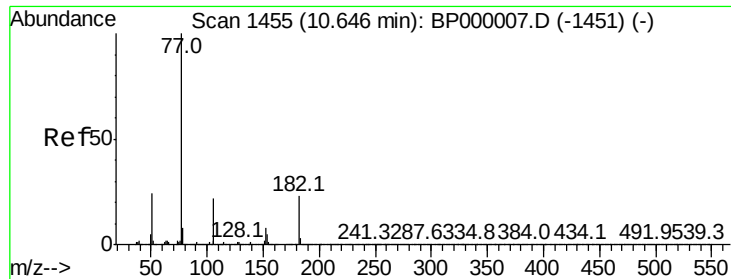


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

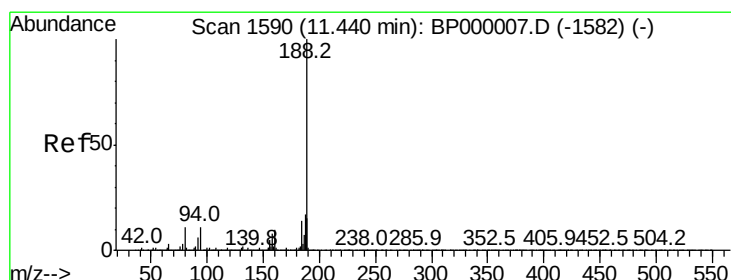
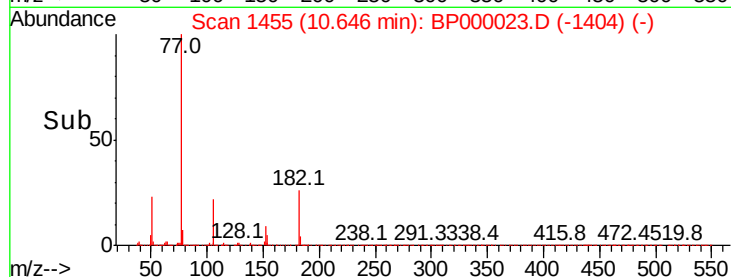
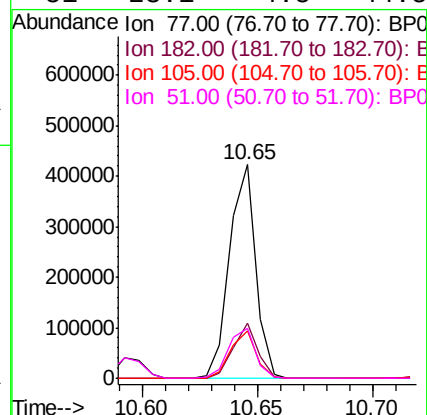
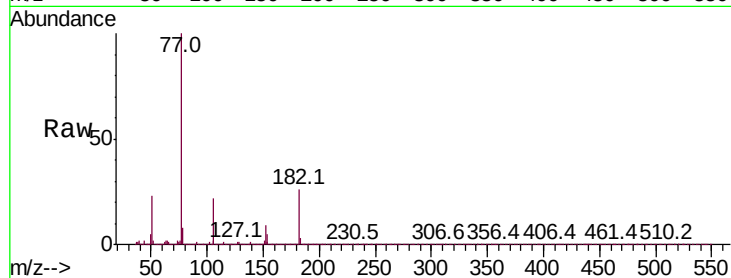




#63
Azobenzene
Concen: 4.094 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

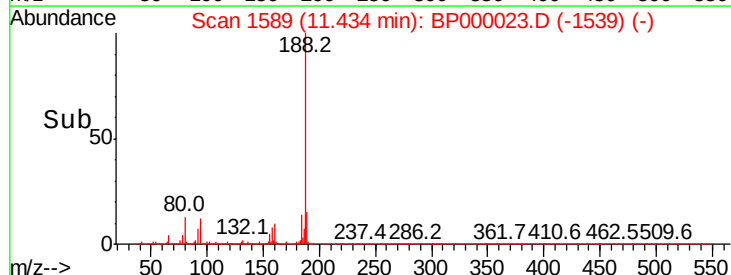
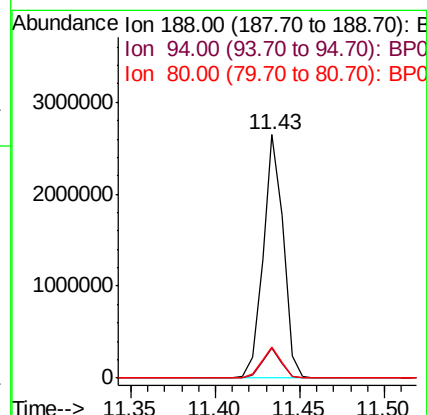
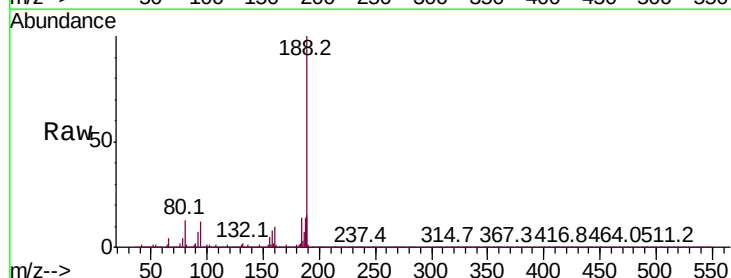
Instrument :
BNA_P
ClientSampleId :

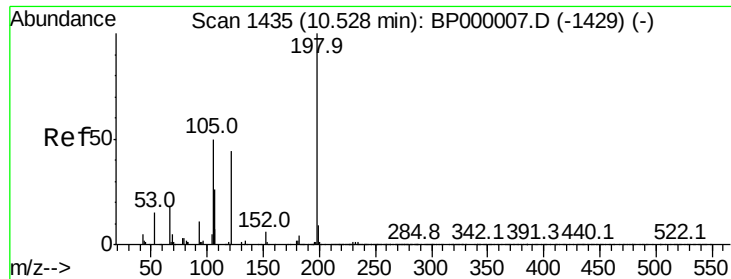
Tot Ion:	77	Resp:	331381
Ion	Ratio	Lower	Upper
77	100		
182	26.0	2.6	42.6
105	22.2	2.3	42.3
51	23.1	4.5	44.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Tgt Ion:	188	Resp:	2193579
Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.8	13.2
80	12.6	9.0	13.6

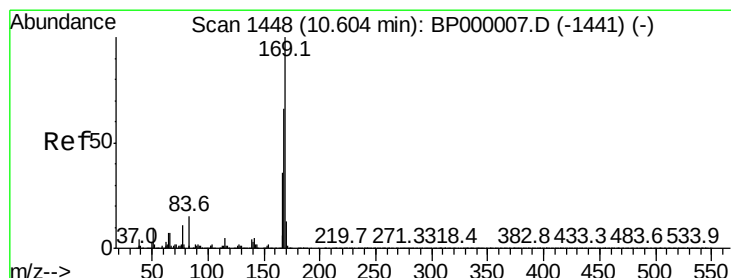
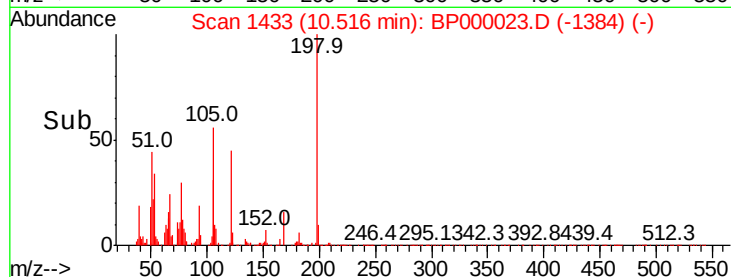
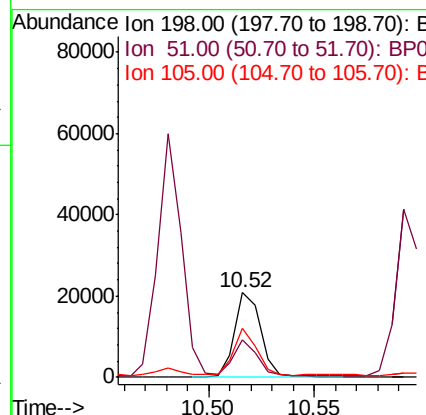
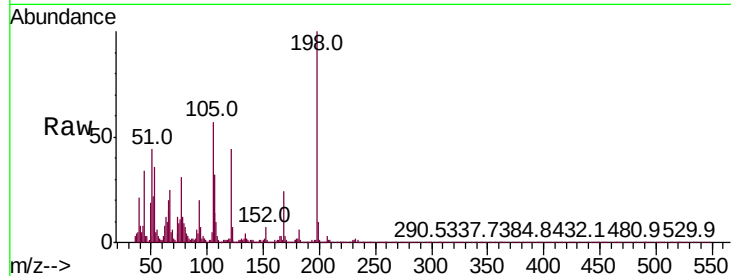




#65
 4,6-Dinitro-2-methylphenol
 Concen: 9.483 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BP000023.D
 Acq: 31 Aug 2019 00:52

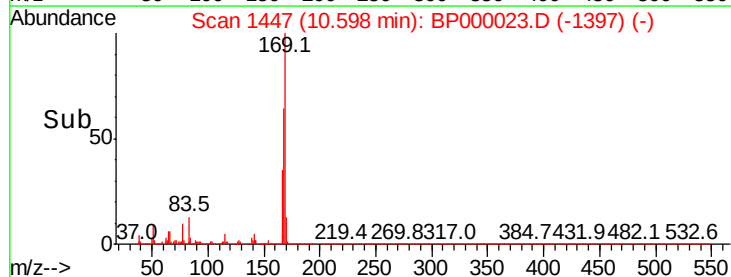
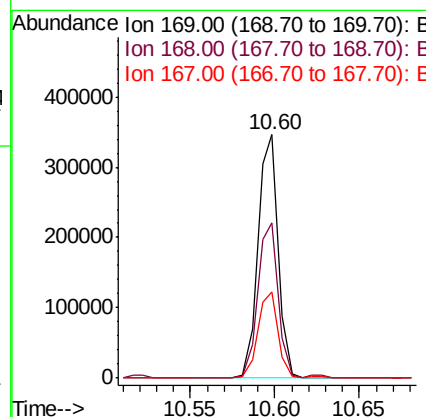
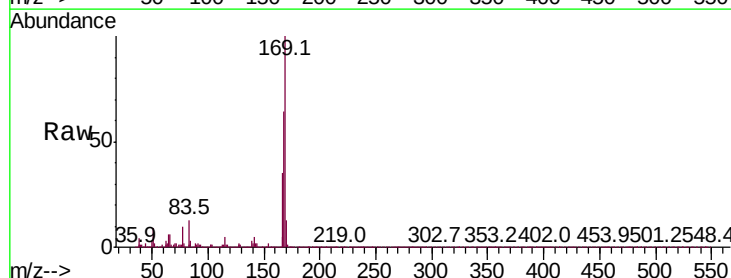
Instrument :
 BNA_P
 ClientSampleId :

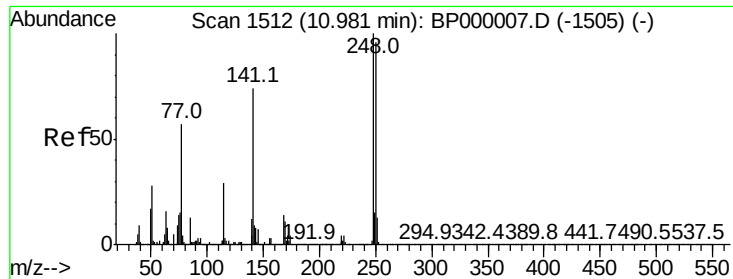
Tot Ion	Ratio	Lower	Upper
198	100		
51	44.0	22.1	62.1
105	57.5	32.0	72.0



#66
 n-Nitrosodiphenylamine
 Concen: 4.454 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BP000023.D
 Acq: 31 Aug 2019 00:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.5	52.9	79.3
167	35.2	29.2	43.8

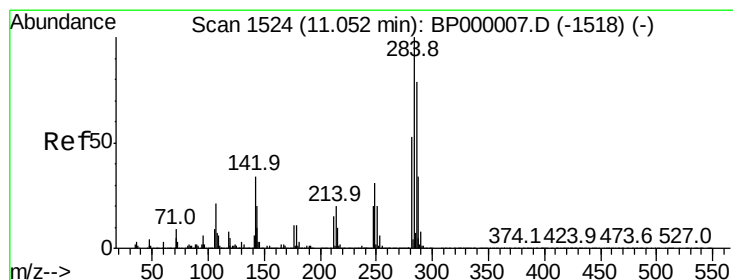
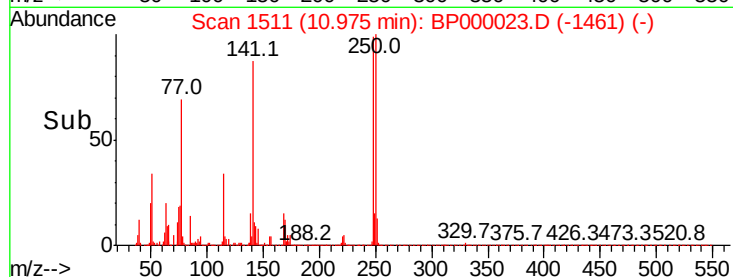
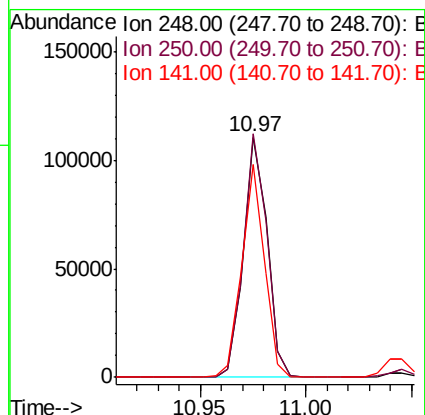
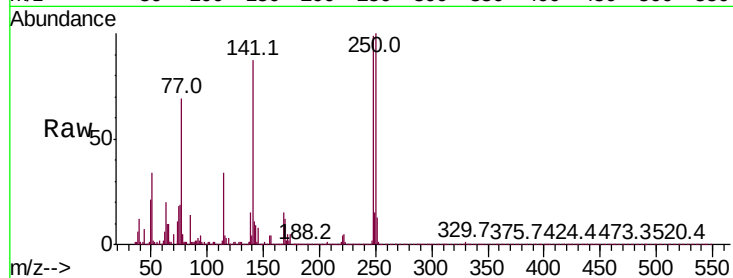




#67
4-Bromophenyl-phenylether
Concen: 3.839 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

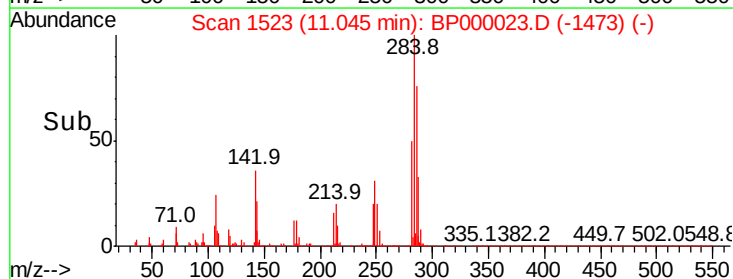
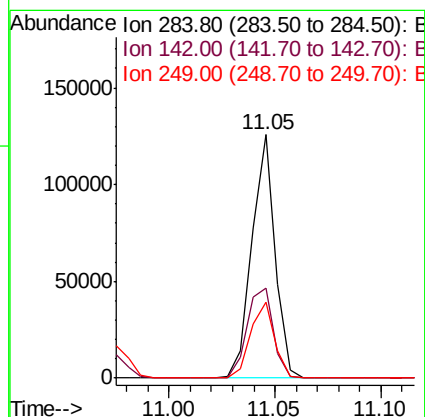
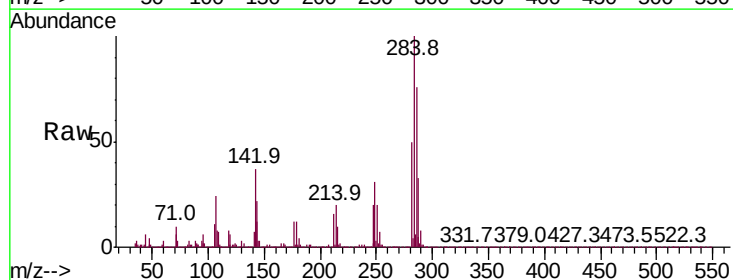
Instrument :
BNA_P
ClientSampled :

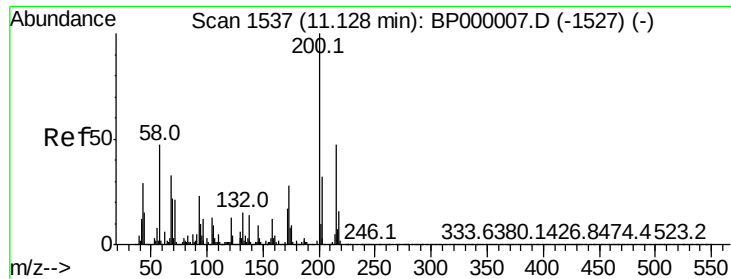
Tot Ion:248 Resp: 85573
Ion Ratio Lower Upper
248 100
250 101.5 77.1 115.7
141 88.6 59.5 89.3



#68
Hexachlorobenzene
Concen: 3.945 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Tgt Ion:284 Resp: 95836
Ion Ratio Lower Upper
284 100
142 37.2 27.0 40.4
249 31.3 24.9 37.3





#69

Atrazine

Concen: Below Cal

RT: 11.12 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :

BNA_P

ClientSampled :

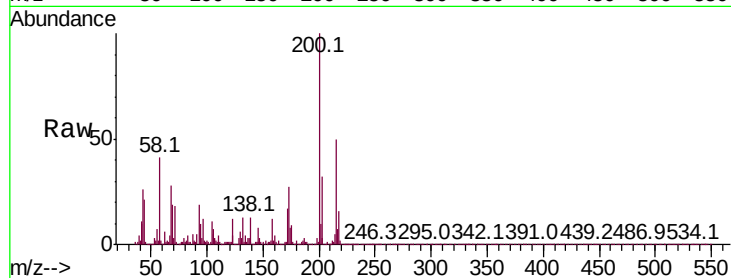
Tot Ion:200 Resp: 72906

Ion Ratio Lower Upper

200 100

173 27.0 8.1 48.1

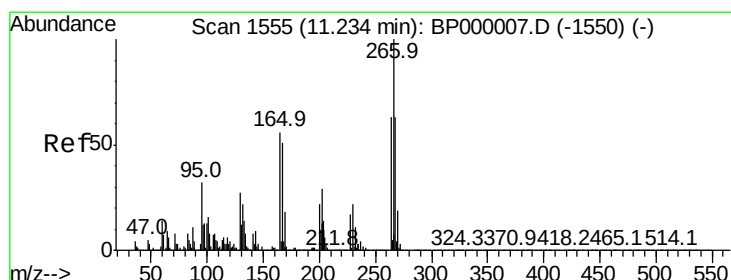
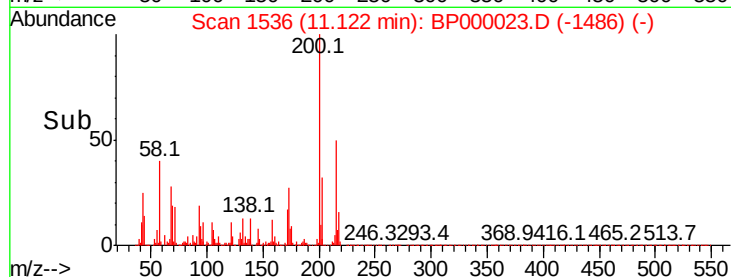
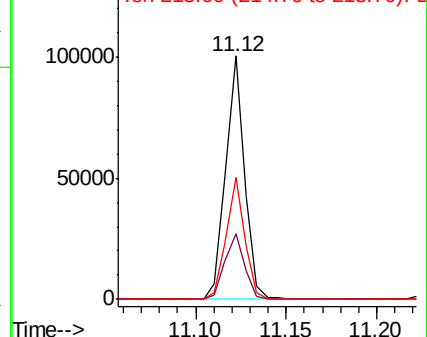
215 50.0 26.7 66.7



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: 3.017 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

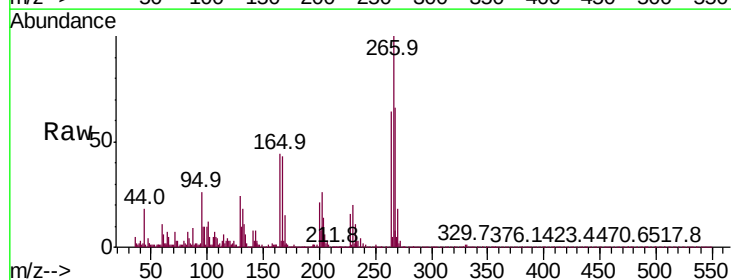
Tgt Ion:266 Resp: 39710

Ion Ratio Lower Upper

266 100

268 65.8 50.1 75.1

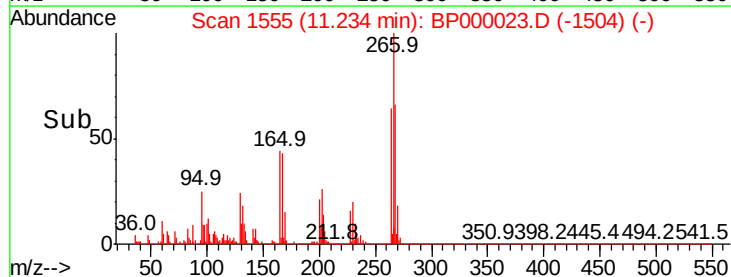
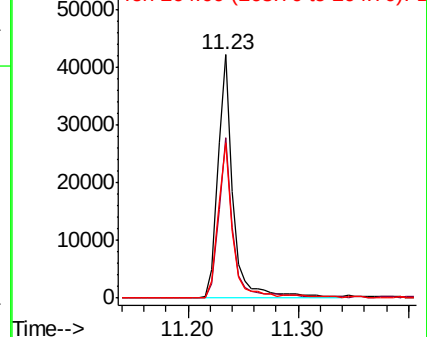
264 63.6 50.6 76.0

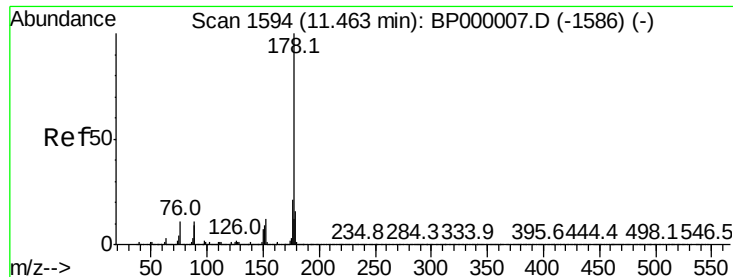


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

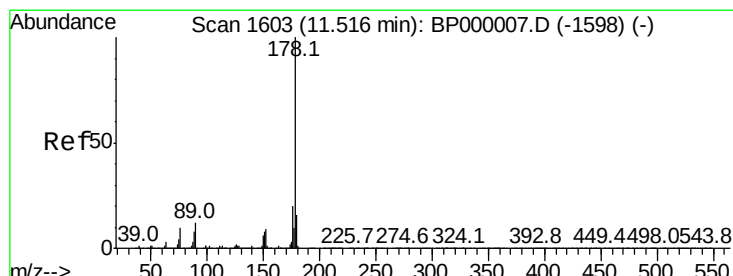
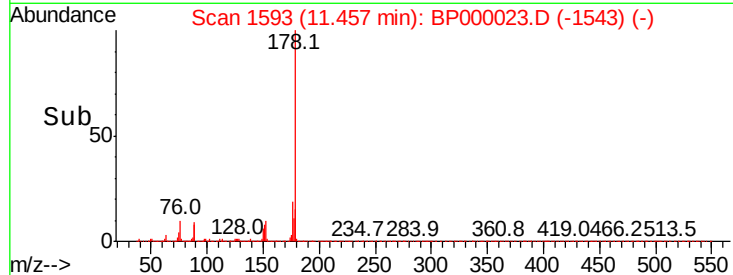
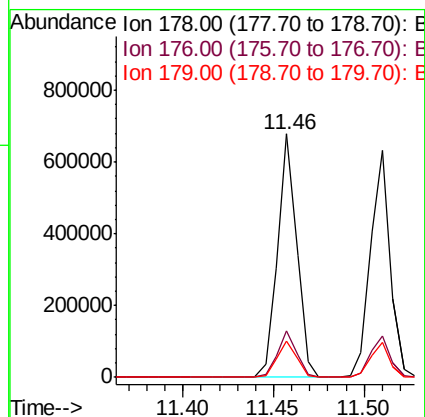
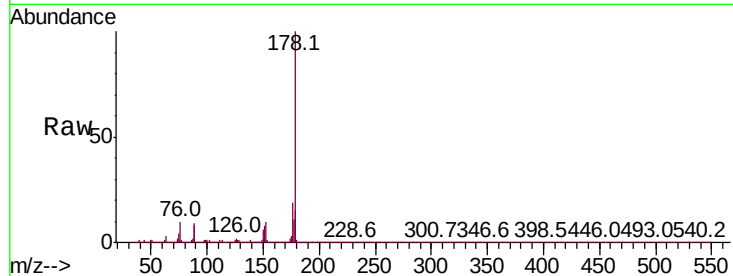




#71
Phenanthrene
Concen: 4.550 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

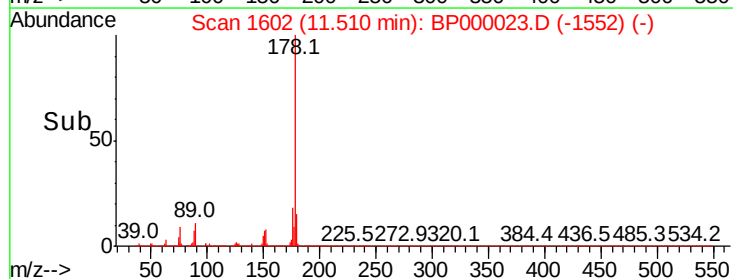
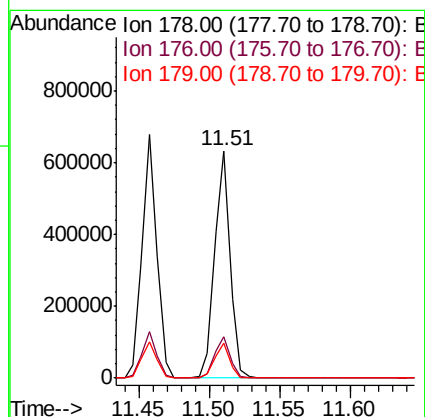
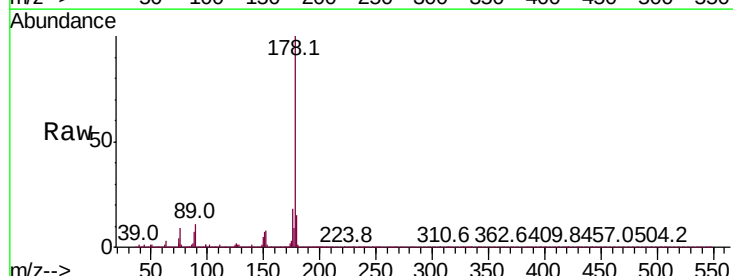
Instrument :
BNA_P
ClientSampleId :

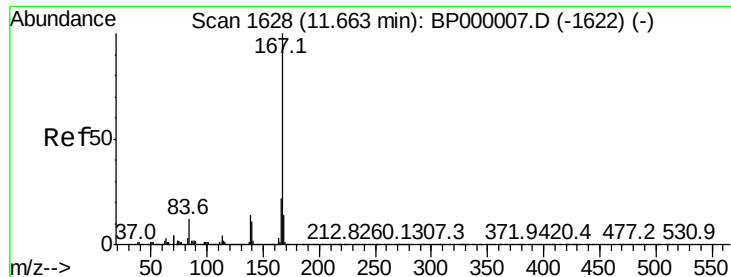
Tot Ion:178 Resp: 497500
Ion Ratio Lower Upper
178 100
176 19.1 16.7 25.1
179 15.1 13.1 19.7



#72
Anthracene
Concen: 4.453 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Tgt Ion:178 Resp: 480936
Ion Ratio Lower Upper
178 100
176 18.4 15.9 23.9
179 15.4 13.0 19.6





#73

Carbazole

Concen: 4.270 ng

RT: 11.66 min Scan# 1627

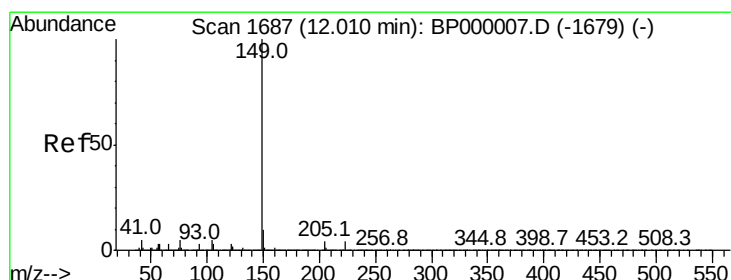
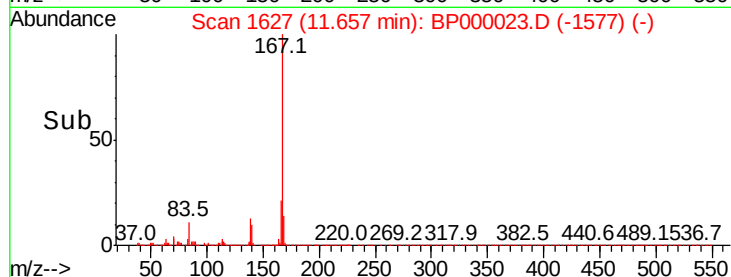
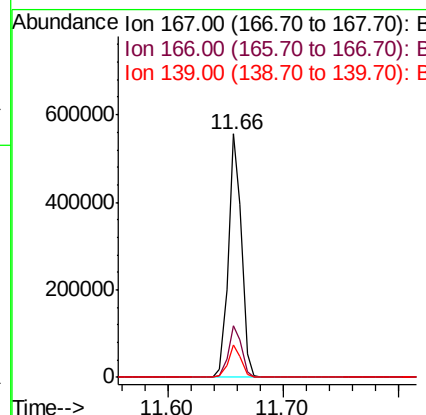
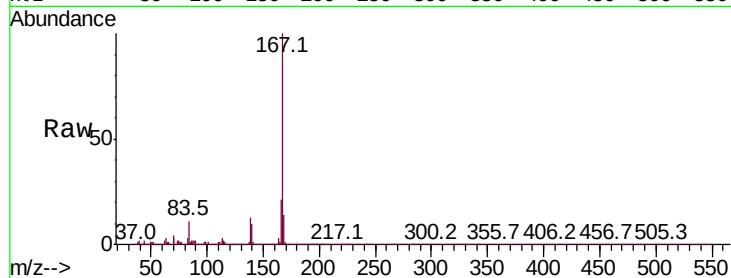
Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.9	26.9
139	13.3	11.4	17.2



#74

Di-n-butylphthalate

Concen: 3.546 ng

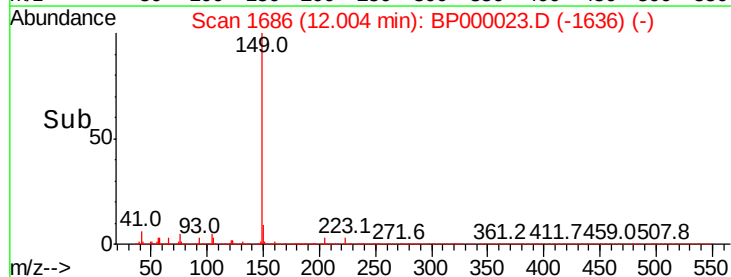
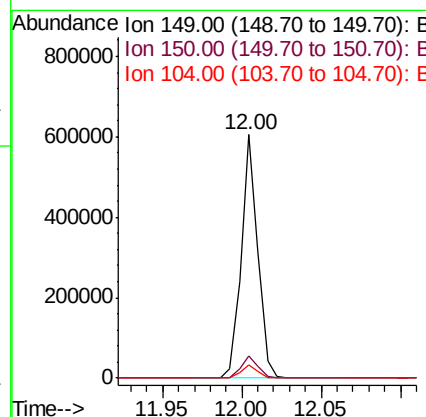
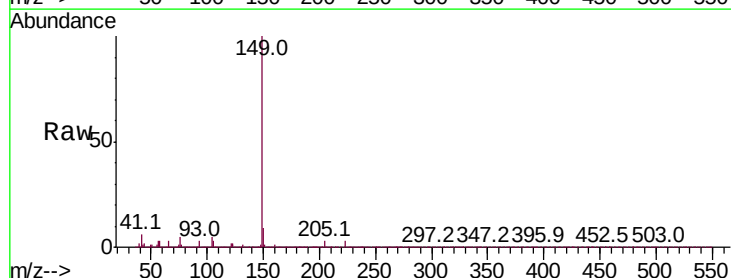
RT: 12.00 min Scan# 1686

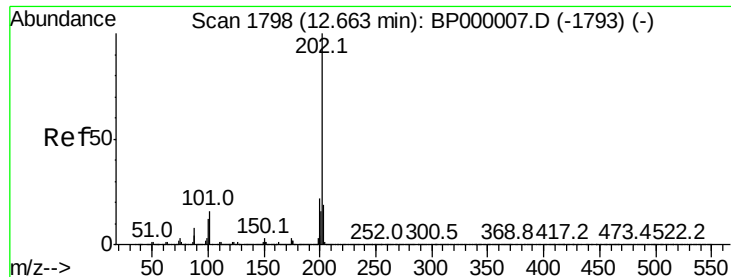
Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.0	12.0
104	5.4	4.4	6.6





#75

Fluoranthene

Concen: 4.036 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :

BNA_P

ClientSampleId :

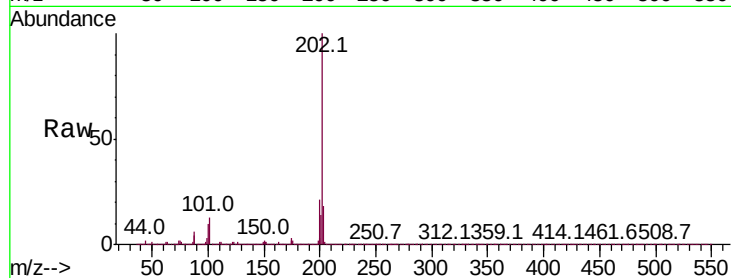
Tot Ion:202 Resp: 479513

Ion Ratio Lower Upper

202 100

101 13.4 0.0 36.4

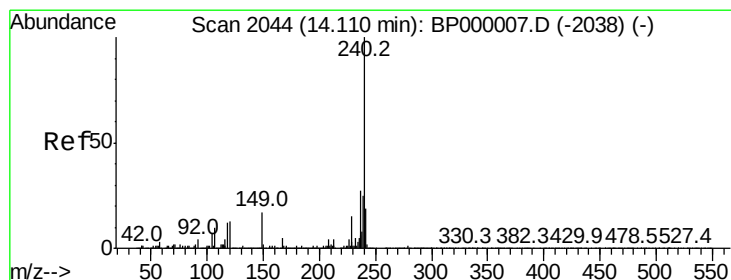
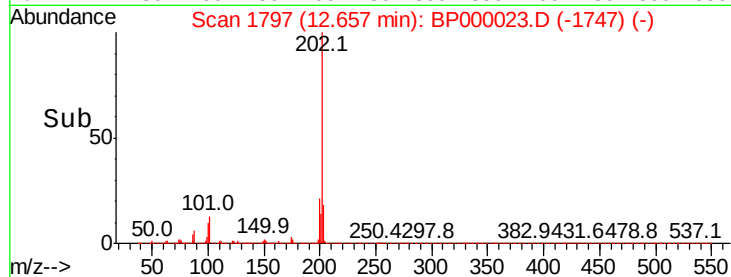
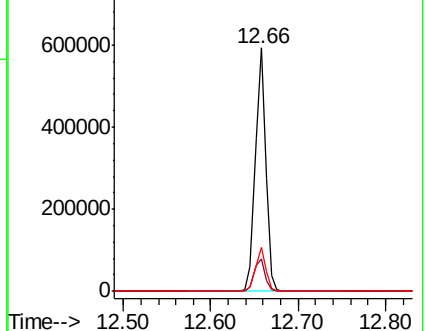
203 17.8 0.0 38.7



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: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

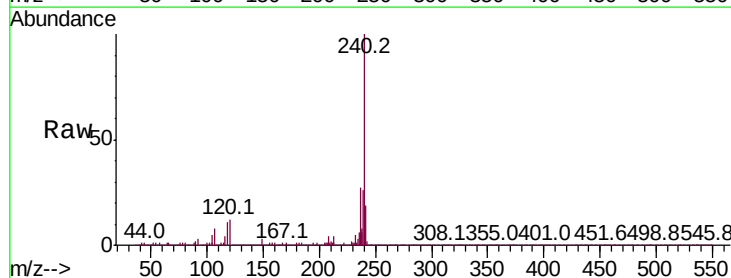
Tgt Ion:240 Resp: 1596161

Ion Ratio Lower Upper

240 100

120 12.1 10.5 15.7

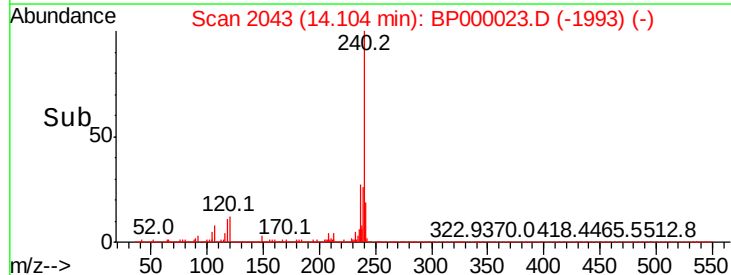
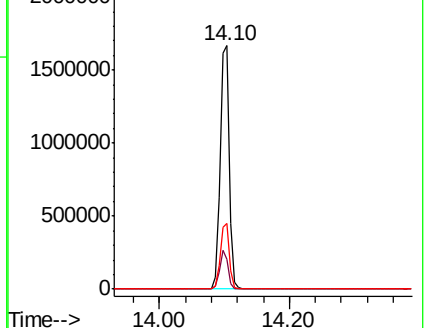
236 26.9 21.5 32.3

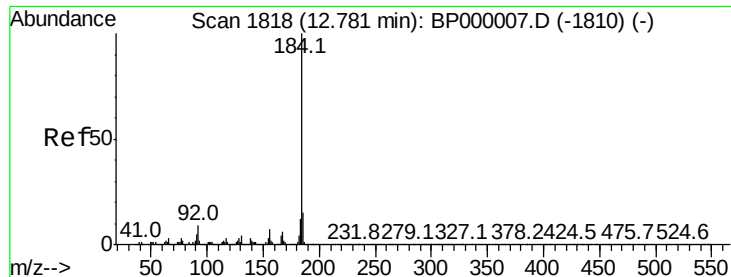


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.269 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :

BNA_P

ClientSampled :

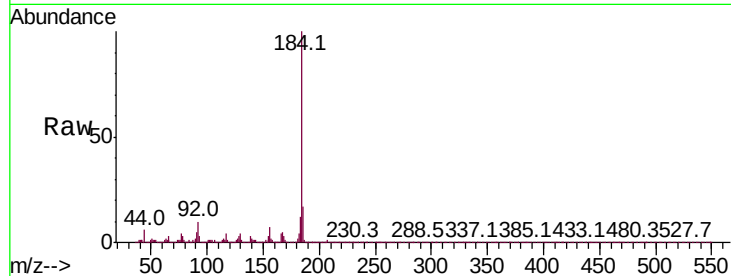
Tot Ion:184 Resp: 180011

Ion Ratio Lower Upper

184 100

185 17.3 11.8 17.8

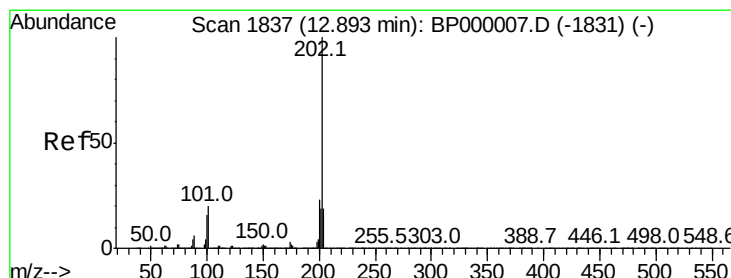
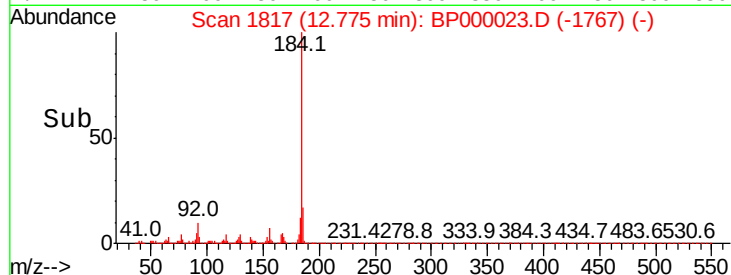
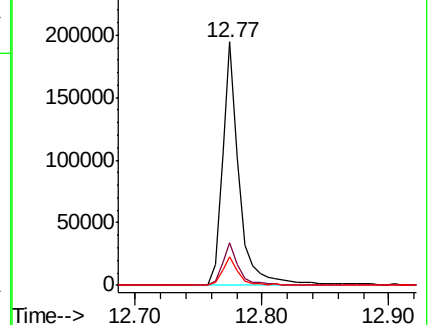
183 11.6 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 4.378 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

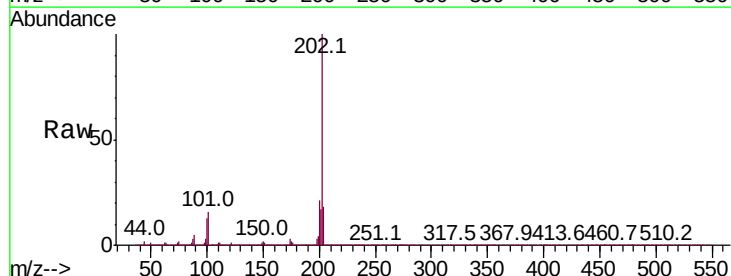
Tgt Ion:202 Resp: 514118

Ion Ratio Lower Upper

202 100

200 21.0 18.5 27.7

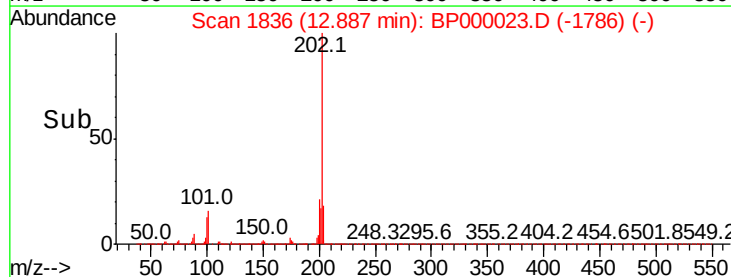
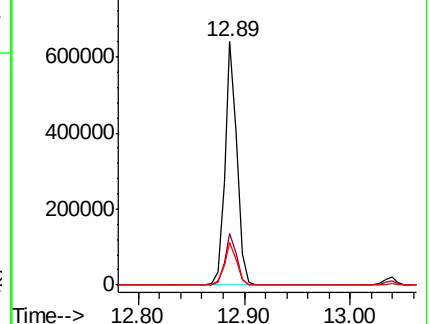
203 17.8 15.1 22.7

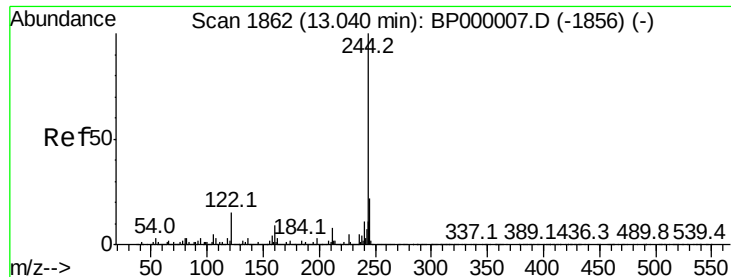


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.835 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :

BNA_P

ClientSampleId :

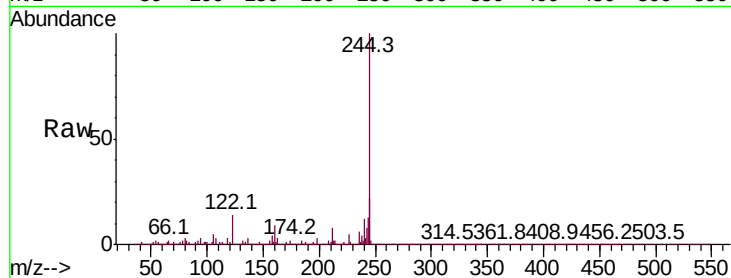
Tot Ion:244 Resp: 4821225

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

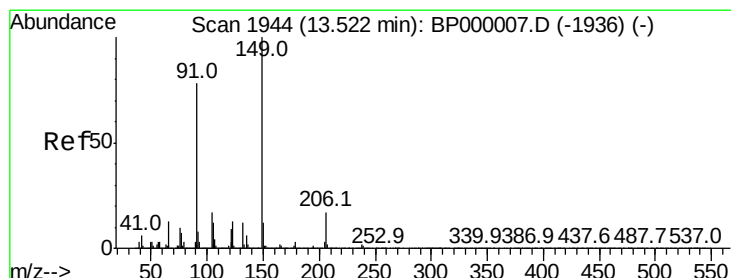
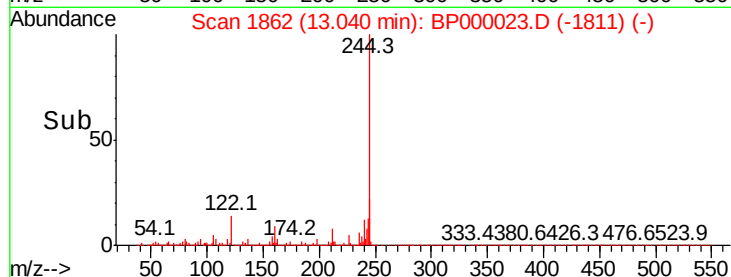
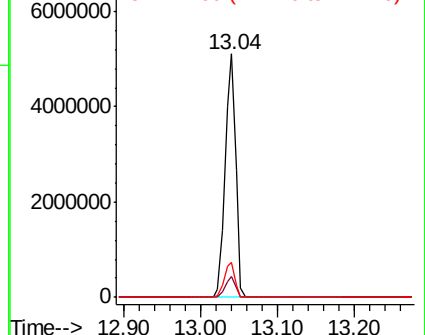
122 14.3 12.3 18.5



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: 2.007 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

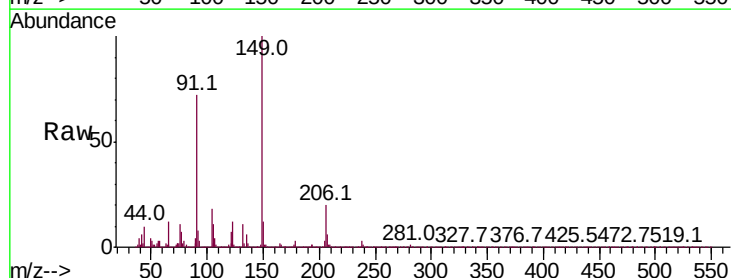
Tgt Ion:149 Resp: 105011

Ion Ratio Lower Upper

149 100

91 71.5 62.7 94.1

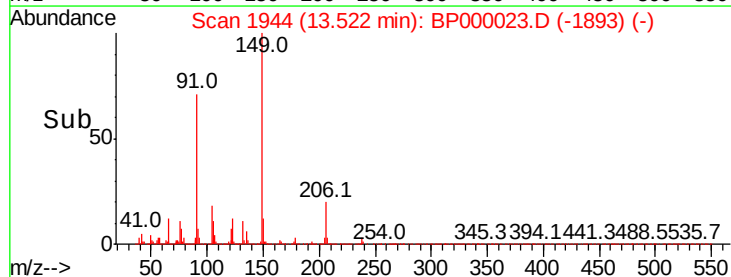
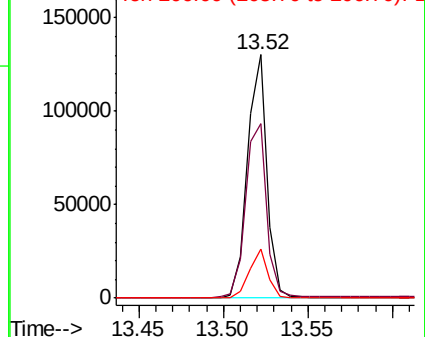
206 20.4 13.8 20.6

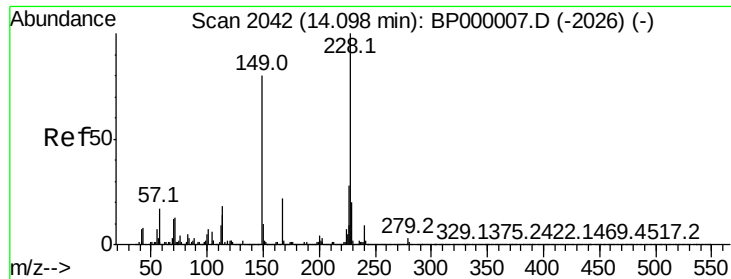


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

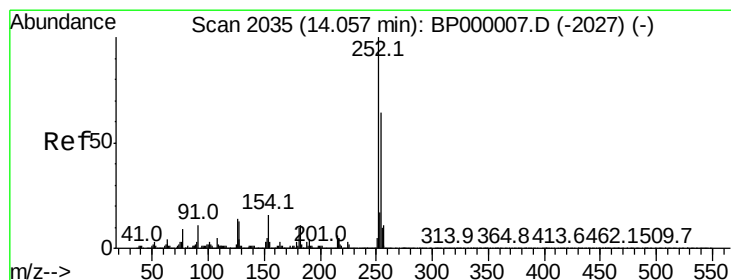
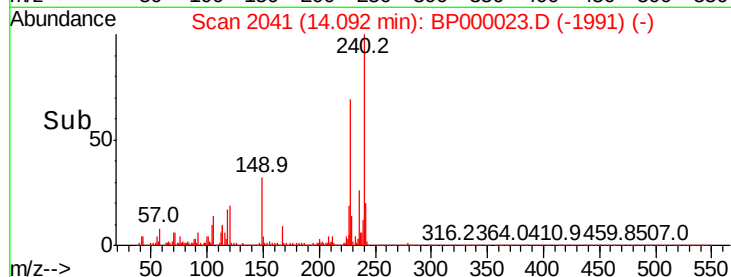
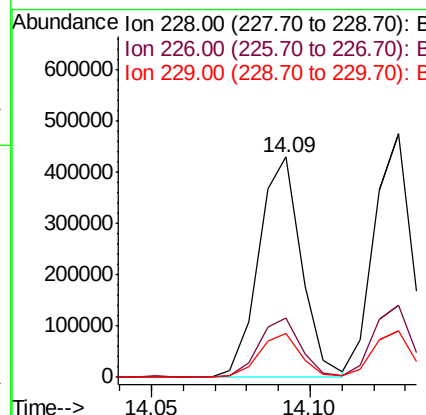
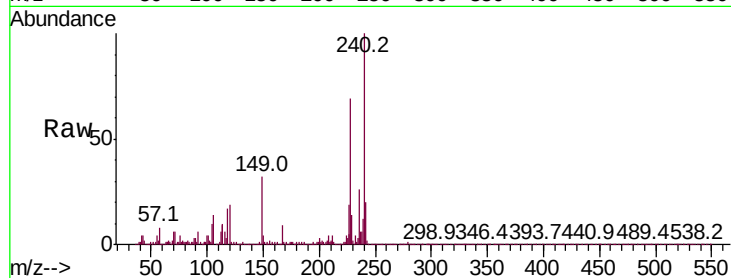




#81
Benzo(a)anthracene
Concen: 3.885 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

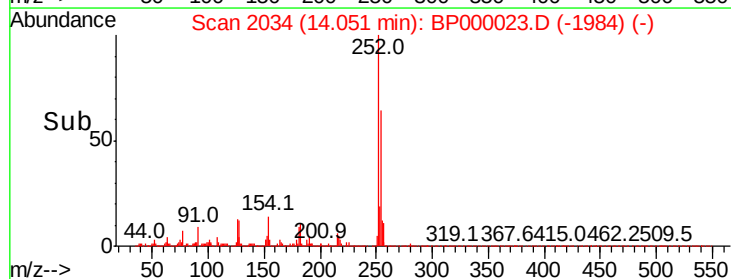
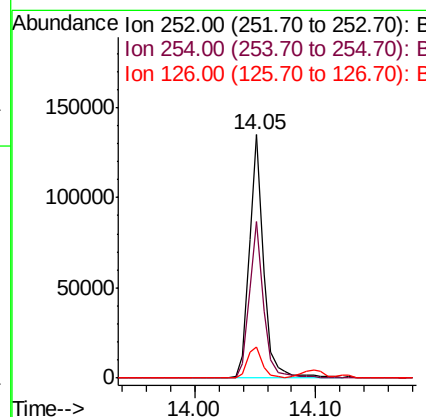
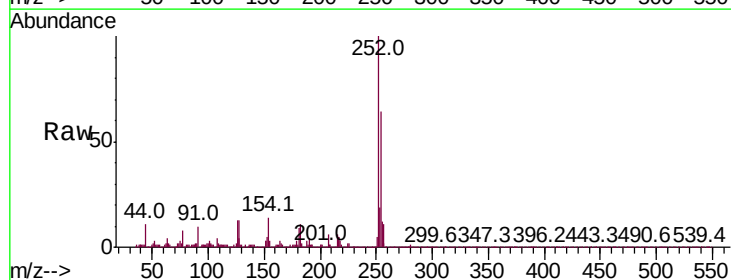
Instrument :
BNA_P
ClientSampleId :

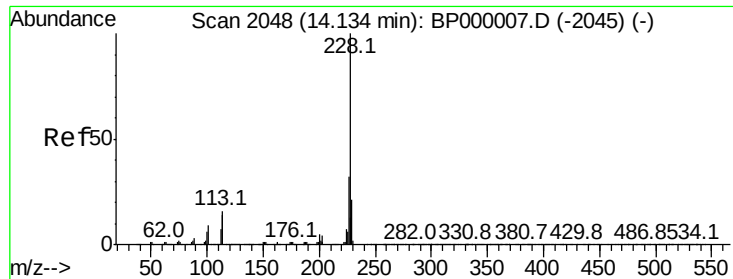
Tot Ion:228 Resp: 401794
Ion Ratio Lower Upper
228 100
226 27.1 22.5 33.7
229 19.7 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 2.928 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Tgt Ion:252 Resp: 111716
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.0
126 13.0 11.1 16.7

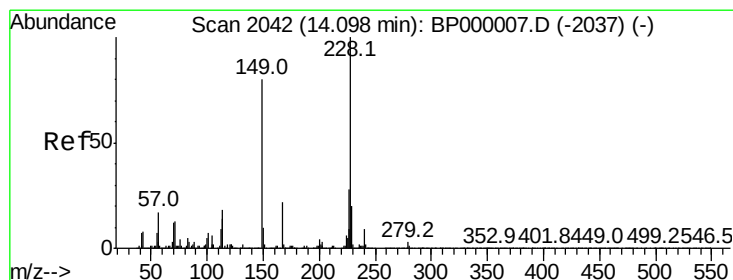
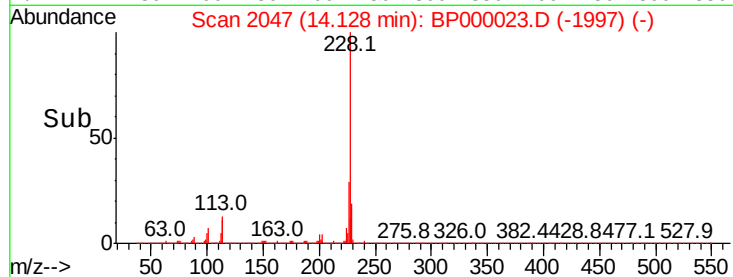
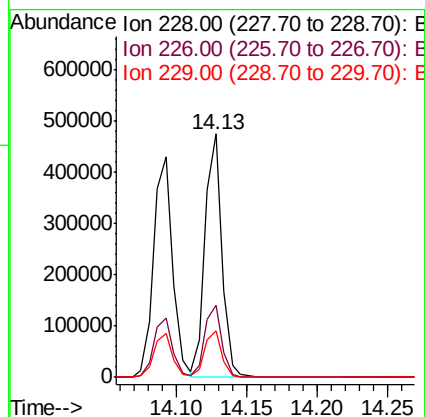
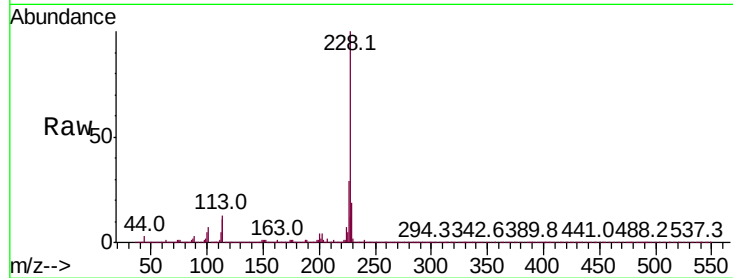




#83
 Chrysene
 Concen: 4.033 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BP000023.D
 Acq: 31 Aug 2019 00:52

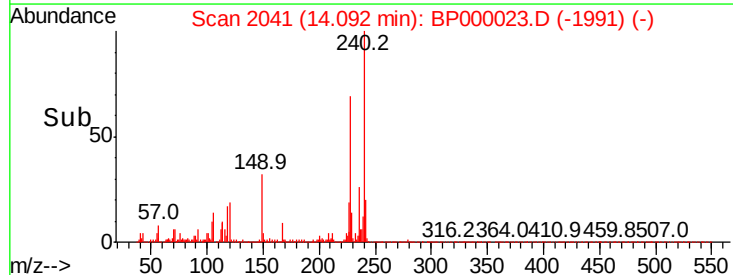
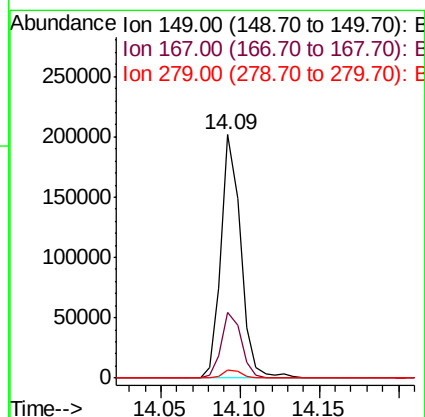
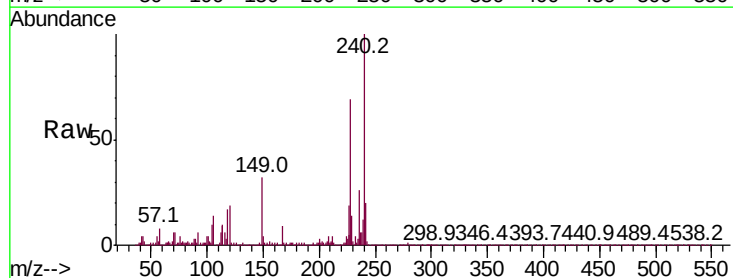
Instrument :
 BNA_P
 ClientSampleId :

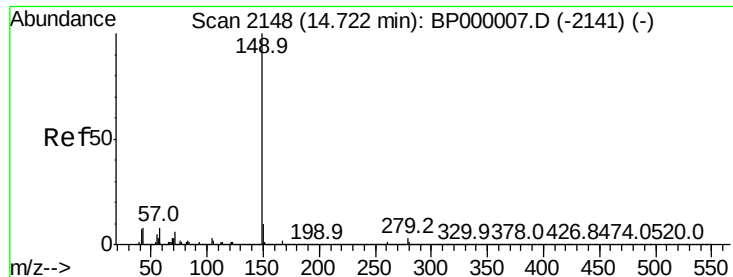
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.5	38.3
229	19.3	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.563 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BP000023.D
 Acq: 31 Aug 2019 00:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.4	33.6
279	3.2	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 1.801 ng

RT: 14.72 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Instrument :

BNA_P

ClientSampled :

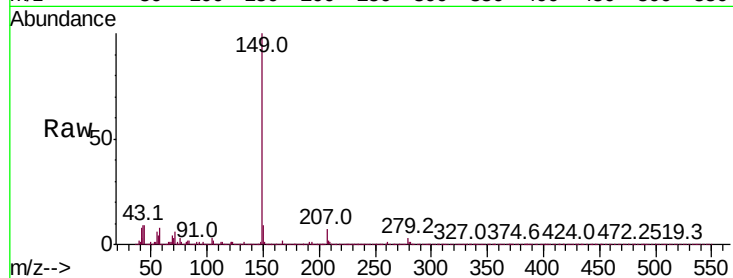
Tot Ion:149 Resp: 216043

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

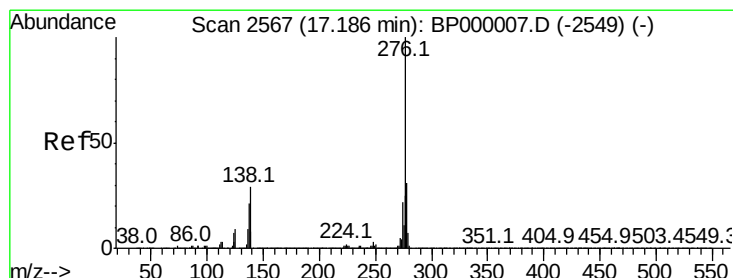
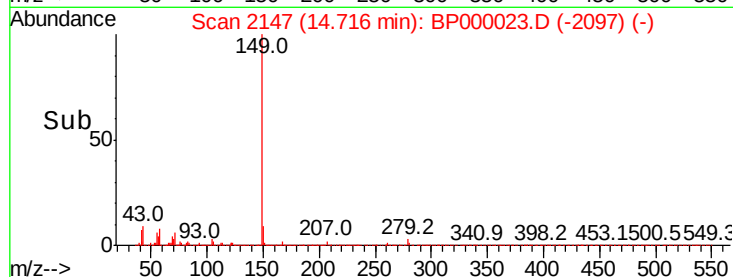
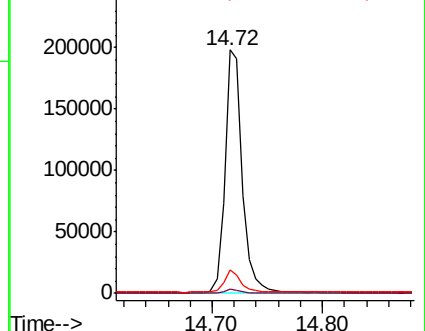
43 9.4 6.5 9.7



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): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.573 ng

RT: 17.16 min Scan# 2563

Delta R.T. -0.02 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

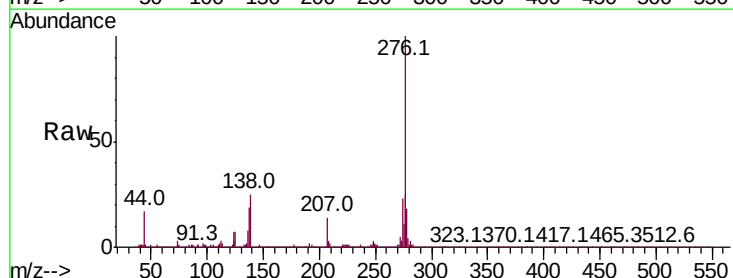
Tgt Ion:276 Resp: 315420

Ion Ratio Lower Upper

276 100

138 31.6 26.5 39.7

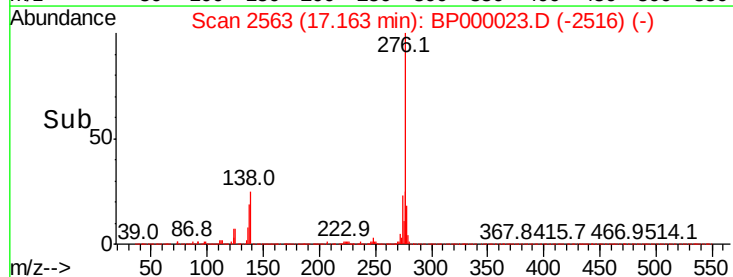
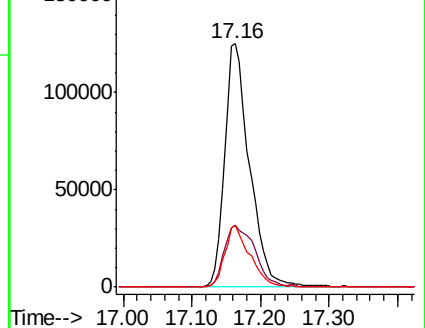
277 25.5 20.3 30.5

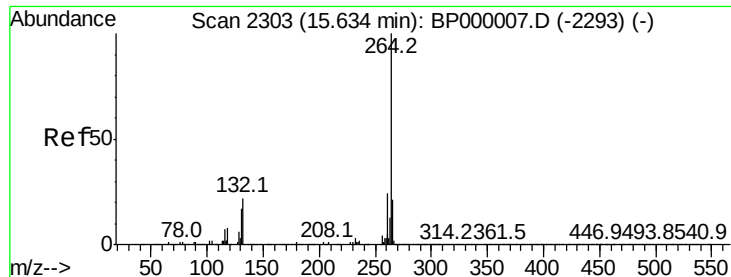


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.63 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

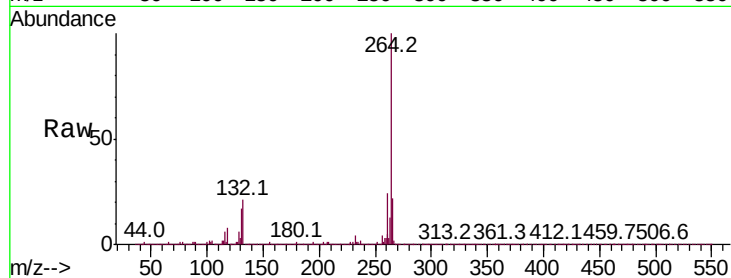
Instrument :

BNA_P

ClientSampleId :

Tot Ion:264 Resp: 1500056

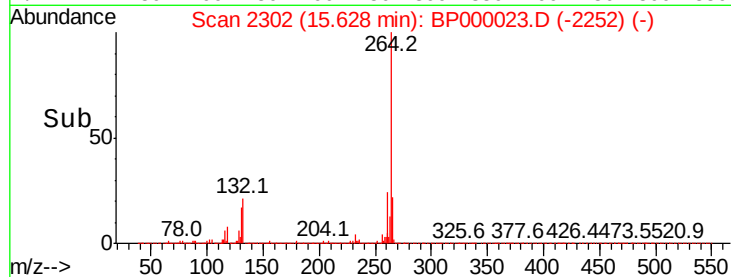
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	21.7	17.1	25.7



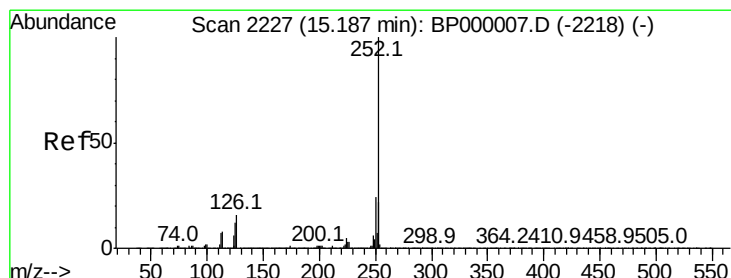
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 3.522 ng

RT: 15.17 min Scan# 2224

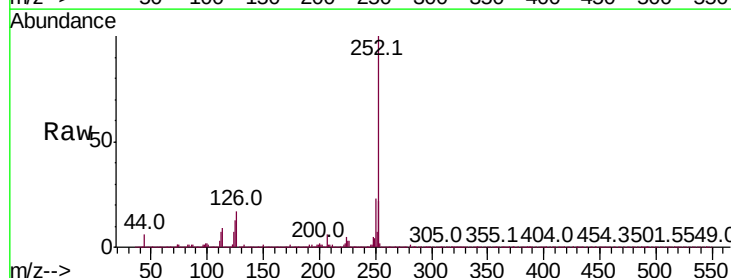
Delta R.T. -0.02 min

Lab File: BP000023.D

Acq: 31 Aug 2019 00:52

Tgt Ion:252 Resp: 322676

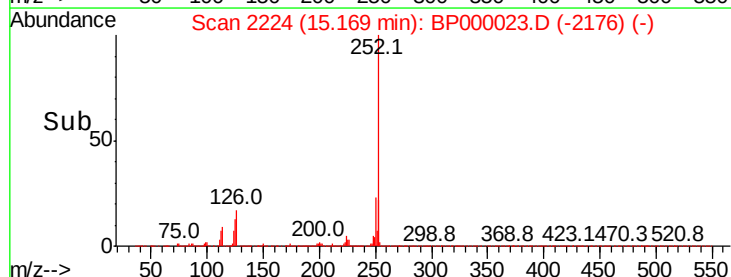
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	12.8	9.4	14.2



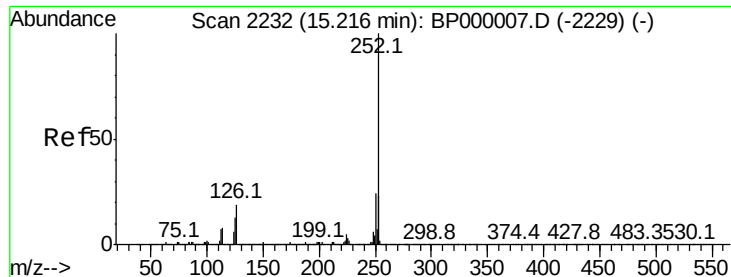
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



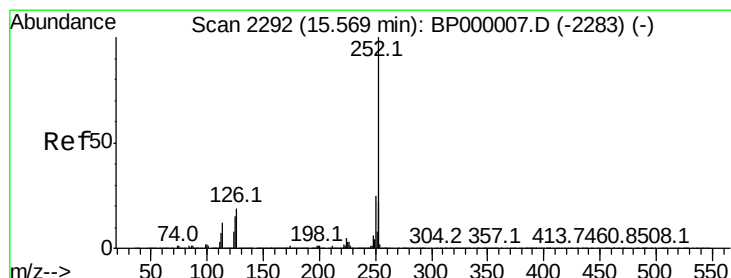
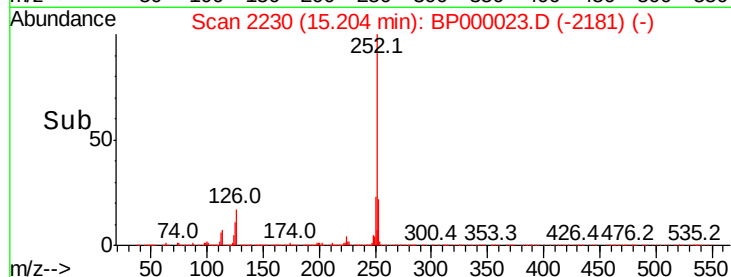
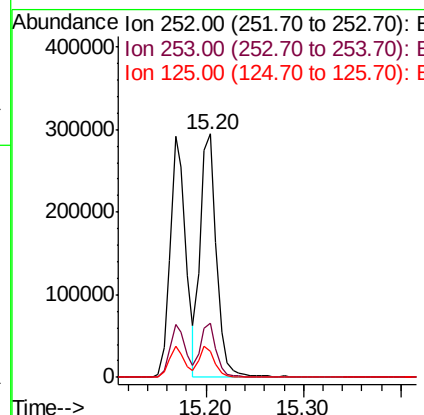
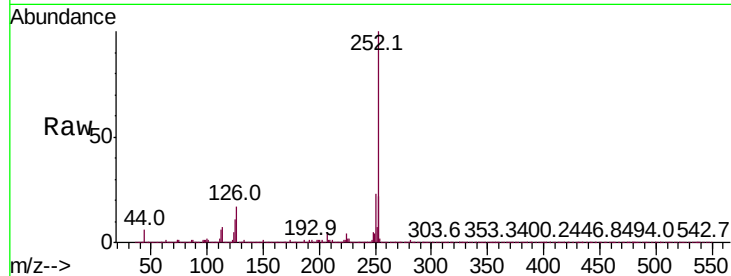
Time-->



#89
Benzo(k)fluoranthene
Concen: 4.047 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

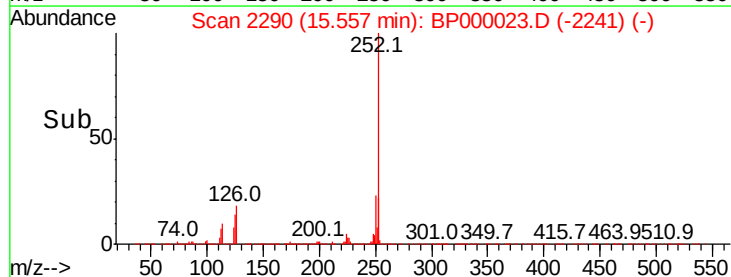
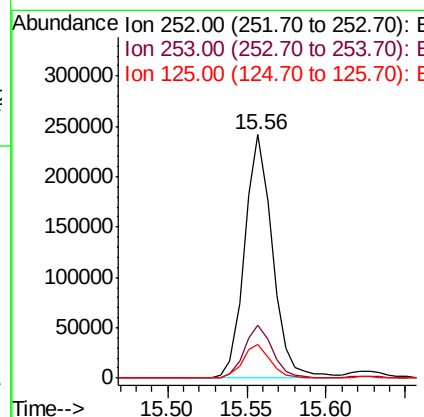
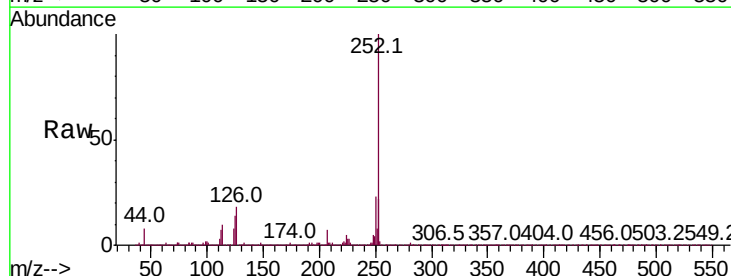
Instrument :
BNA_P
ClientSampleId :

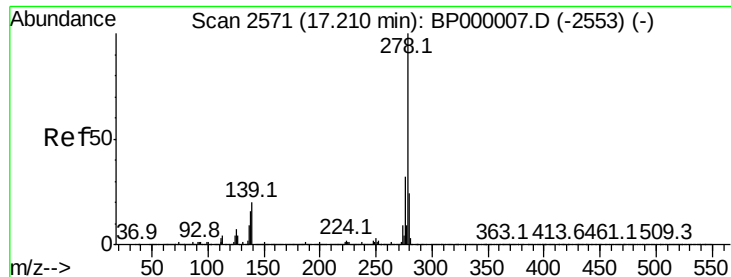
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.6	10.3	15.5



#90
Benzo(a)pyrene
Concen: 3.559 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	14.0	11.7	17.5

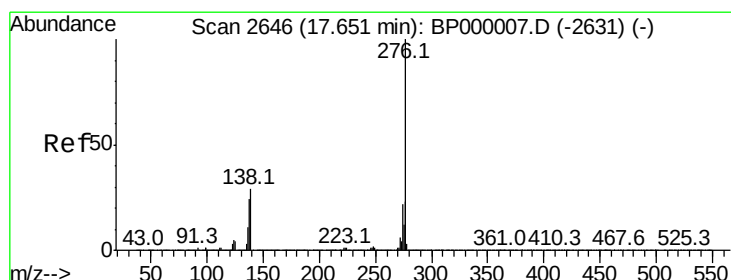
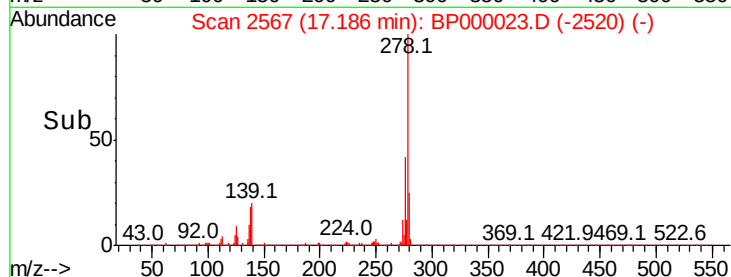
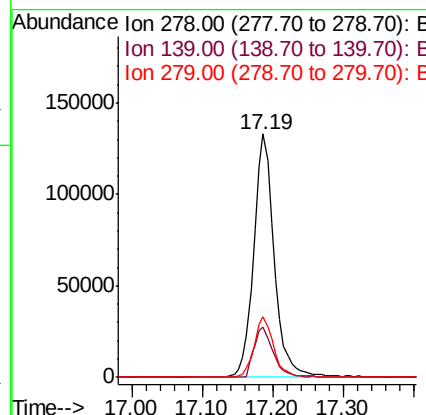
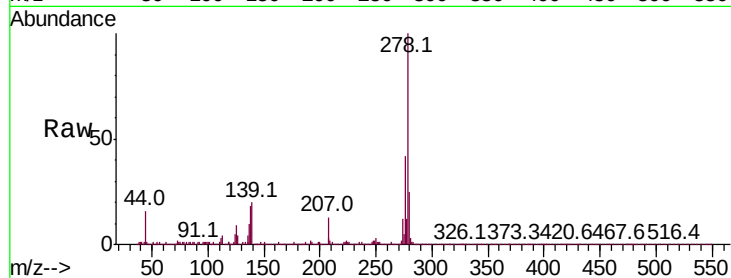




#91
Dibenzo(a,h)anthracene
Concen: 3.265 ng
RT: 17.19 min Scan# 2567
Delta R.T. -0.02 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.5	16.4	24.6
279	24.8	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 3.260 ng
RT: 17.62 min Scan# 2641
Delta R.T. -0.03 min
Lab File: BP000023.D
Acq: 31 Aug 2019 00:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	28.3	23.0	34.4

