

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
 Data File : BP010009.D
 Acq On : 21 Apr 2022 11:38
 Operator : CG/JU
 Sample : SSTD01024
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010624

Quant Time: Apr 21 14:01:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 13:57:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	133358	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	597441	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	439195	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	994012	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.404	240	1041263	20.000	ng/ul	# 0.00
88) Perylene-d12	23.857	264	920779	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	12352	4.134	ng/uL	0.00
4) Pyridine-d5	3.787	84	80300	9.747	ng/ul	0.00
7) Phenol-d5	7.099	99	109950	9.391	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	71428	10.248	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	85903	9.727	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	92188	9.432	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	46249	10.735	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	48165	10.197	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	98313	9.947	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	133330	9.471	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	337153	9.773	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	404311	9.892	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	53610	8.568	ng/ul	0.00
60) Fluorene-d10	15.563	176	294978	10.164	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	49694	8.439	ng/ul	0.00
73) Anthracene-d10	17.422	188	472085	9.919	ng/ul	0.00
81) Pyrene-d10	19.651	212	587030	10.323	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.698	264	470263	9.807	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	13092	4.298	ng/ul#	10
5) Pyridine	3.811	79	83712	9.739	ng/ul#	38
6) Benzaldehyde	7.075	77	75083	10.457	ng/ul	98
8) Phenol	7.128	94	111202	9.489	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.358	93	90342	9.896	ng/ul#	77
12) 2-Chlorophenol	7.505	128	87010	9.772	ng/ul	91
13) 2-Methylphenol	8.381	108	86247	9.438	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	139881	10.366	ng/ul#	84
16) Acetophenone	8.763	105	152387	9.896	ng/ul#	82
17) N-Nitroso-di-n-propyla...	8.746	70	81221	10.174	ng/ul#	74
18) 4-Methylphenol	8.710	108	97160	9.818	ng/ul	94
19) Hexachloroethane	9.028	117	37243	9.907	ng/ul	86
22) Nitrobenzene	9.140	77	114722	10.374	ng/ul#	81
23) Isophorone	9.669	82	223217	9.796	ng/ul	96
25) 2-Nitrophenol	9.857	139	52280	10.378	ng/ul#	86
26) 2,4-Dimethylphenol	9.916	107	116709	9.762	ng/ul#	76
29) 2,4-Dichlorophenol	10.393	162	96761	10.098	ng/ul#	83
30) Naphthalene	10.799	128	310577	10.108	ng/ul	96
32) 4-Chloroaniline	10.899	127	129766	9.315	ng/ul	98
33) Hexachlorobutadiene	11.093	225	69539	10.076	ng/ul	95
34) Caprolactam	11.669	113	32824	10.358	ng/ul#	17
35) 4-Chloro-3-methylphenol	12.022	107	113279	9.756	ng/ul#	70
36) 2-Methylnaphthalene	12.404	142	226096	10.072	ng/ul	91
37) 1-Methylnaphthalene	12.622	142	229304	10.117	ng/ul#	94

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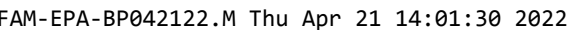
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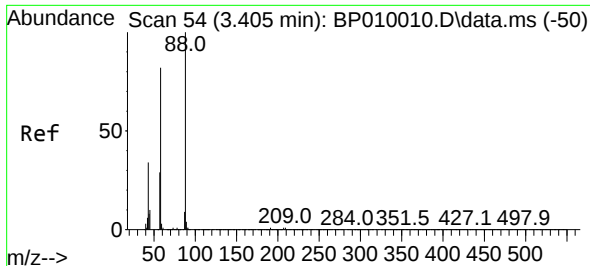
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.775	216	135681	10.097	ng/ul#	94
40) Hexachlorocyclopentadiene	12.757	237	60834	6.524	ng/ul	97
41) 2,4,6-Trichlorophenol	13.010	196	83644	9.747	ng/ul#	80
42) 2,4,5-Trichlorophenol	13.081	196	89645	9.667	ng/ul#	81
43) 1,1'-Biphenyl	13.410	154	321466	10.032	ng/ul	96
44) 2-Chloronaphthalene	13.451	162	249845	10.143	ng/ul	92
45) 2-Nitroaniline	13.646	65	78287	10.845	ng/ul#	75
47) Dimethylphthalate	14.022	163	332891	10.025	ng/ul#	93
48) 2,6-Dinitrotoluene	14.140	165	64178	10.508	ng/ul	99
50) Acenaphthylene	14.293	152	408829	10.136	ng/ul	96
51) 3-Nitroaniline	14.469	138	66033	10.400	ng/ul#	85
52) Acenaphthene	14.634	153	263683	9.985	ng/ul	94
53) 2,4-Dinitrophenol	14.675	184	24317	6.587	ng/ul#	72
55) 4-Nitrophenol	14.769	109	49172	8.538	ng/ul#	46
56) Dibenzofuran	14.969	168	396485	10.201	ng/ul	98
57) 2,4-Dinitrotoluene	14.928	165	96017	10.706	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.198	232	82364	9.741	ng/ul#	86
59) Diethylphthalate	15.387	149	337669	9.826	ng/ul	94
61) Fluorene	15.622	166	324944	10.150	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.616	204	169888	9.980	ng/ul	98
63) 4-Nitroaniline	15.628	138	68401	10.755	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.692	198	49917	8.528	ng/ul#	90
67) N-Nitrosodiphenylamine	15.828	169	283227	9.954	ng/ul	97
68) 4-Bromophenyl-phenylether	16.510	248	103000	9.573	ng/ul	97
69) Hexachlorobenzene	16.634	284	121048	9.784	ng/ul#	91
70) Atrazine	16.781	200	110349	9.395	ng/ul#	89
71) Pentachlorophenol	16.975	266	66758	7.971	ng/ul	85
72) Phenanthrene	17.363	178	538669	10.152	ng/ul	99
74) Anthracene	17.457	178	544715	10.126	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	141756	9.864	ng/ul#	84
76) Pentachlorobenzene	14.893	250	141554	10.105	ng/ul	92
77) Carbazole	17.722	167	469617	9.660	ng/ul#	96
78) Di-n-butylphthalate	18.275	149	582540	9.745	ng/ul#	93
80) Fluoranthene	19.328	202	656592	10.031	ng/ul	97
82) Pyrene	19.680	202	683689	10.302	ng/ul#	93
83) Butylbenzylphthalate	20.551	149	265072	9.736	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.316	252	205680	9.270	ng/ul#	97
85) Benzo(a)anthracene	21.392	228	642199	9.729	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.316	149	404560	9.879	ng/ul#	83
87) Chrysene	21.445	228	645135	10.129	ng/ul	100
89) Di-n-octyl phthalate	22.257	149	684277	10.607	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	611717	9.999	ng/ul	100
91) Benzo(k)fluoranthene	23.157	252	570263	10.215	ng/ul#	98
93) Benzo(a)pyrene	23.745	252	562367	9.917	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.415	276	540328	9.112	ng/ul	97
95) Dibenzo(a,h)anthracene	26.439	278	464050	9.025	ng/ul#	97
96) Benzo(g,h,i)perylene	27.204	276	466142	9.534	ng/ul	95

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

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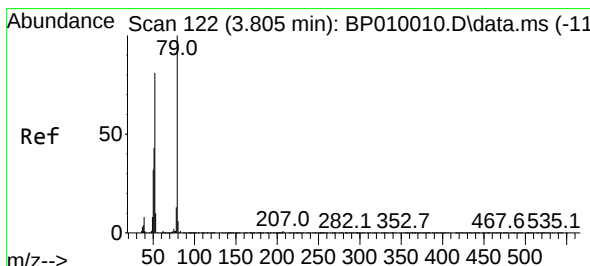
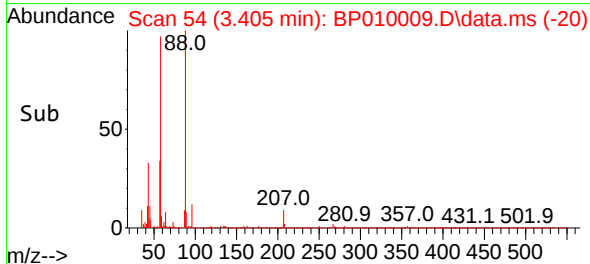
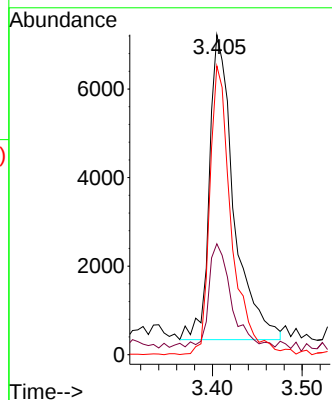
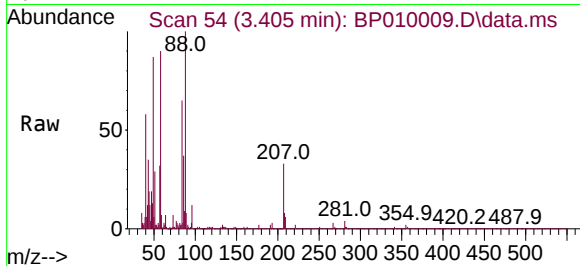




#2
1,4-Dioxane
Concen: 4.298 ng/uL
RT: 3.405 min Scan# 54
Delta R.T. 0.000 min
Lab File: BP010009.D
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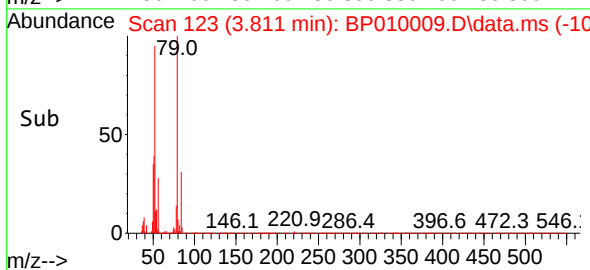
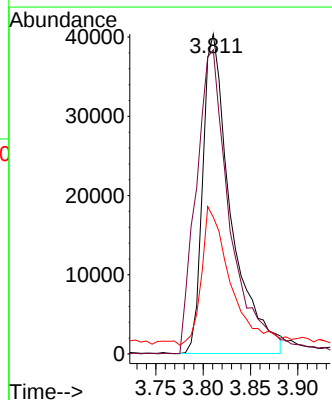
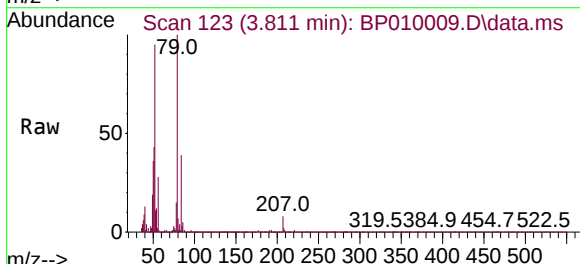
Instrument :
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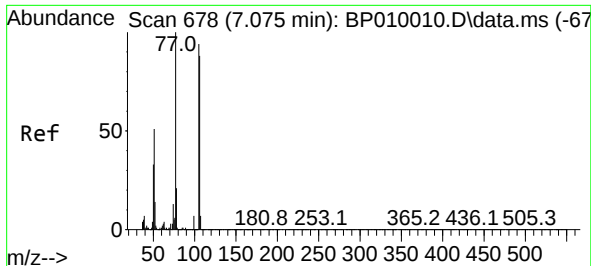
Tgt Ion: 88 Resp: 13092
Ion Ratio Lower Upper
88 100
43 34.6 6.8 10.2#
58 90.2 28.4 42.6#



#5
Pyridine
Concen: 9.739 ng/uL
RT: 3.811 min Scan# 123
Delta R.T. 0.006 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion: 79 Resp: 83712
Ion Ratio Lower Upper
79 100
52 95.0 35.5 53.3#
51 42.7 20.2 30.4#

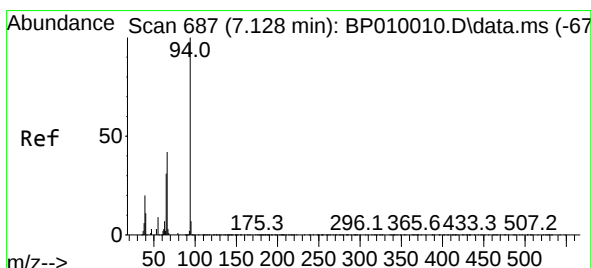
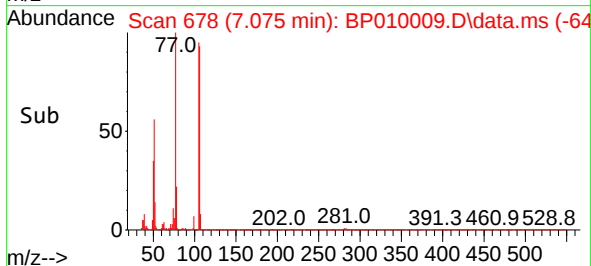
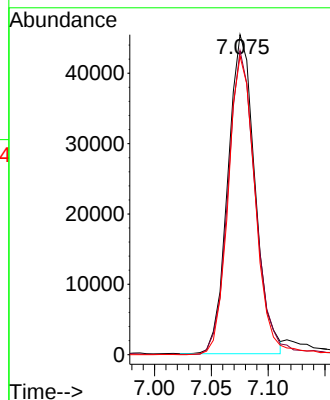
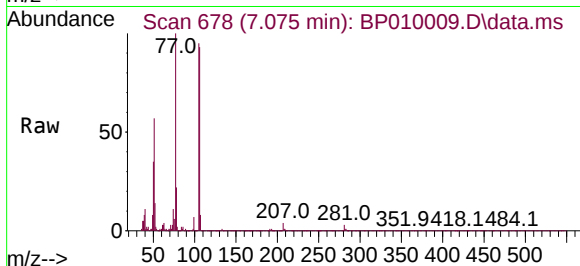




#6
Benzaldehyde
Concen: 10.457 ng/ul
RT: 7.075 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

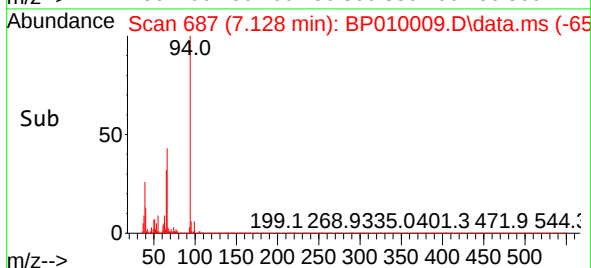
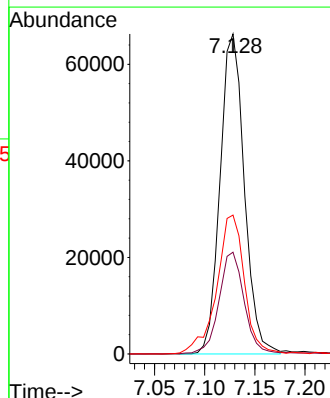
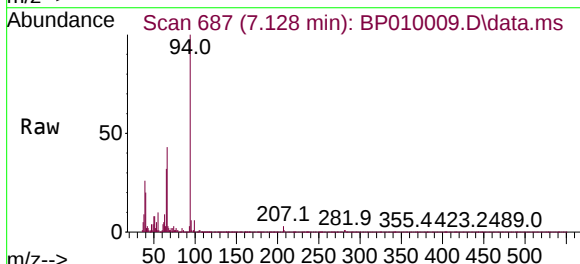
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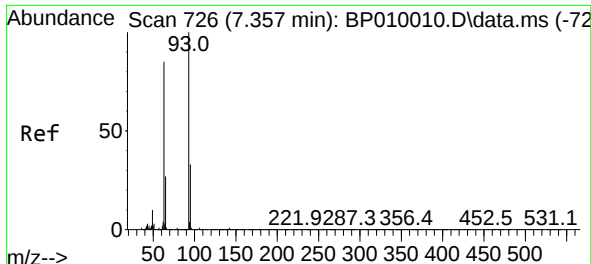
Tgt Ion: 77 Resp: 75083
Ion Ratio Lower Upper
77 100
105 95.0 77.0 115.4
106 93.2 77.0 115.4



#8
Phenol
Concen: 9.489 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion: 94 Resp: 111202
Ion Ratio Lower Upper
94 100
65 31.8 19.0 28.6#
66 43.4 34.6 51.8

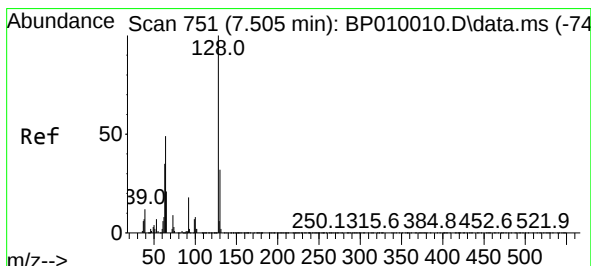
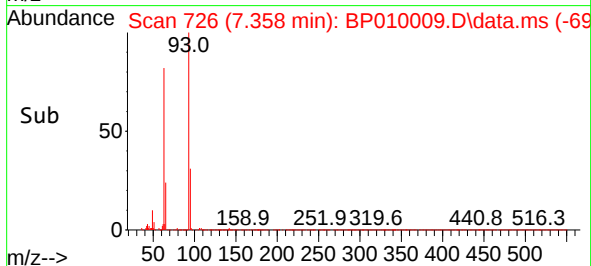
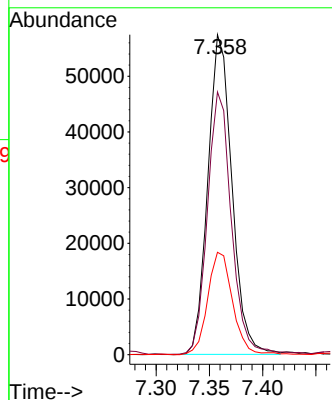
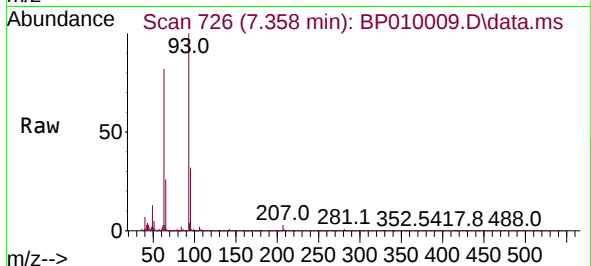




#10
Bis(2-Chloroethyl)ether
Concen: 9.896 ng/ul
RT: 7.358 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

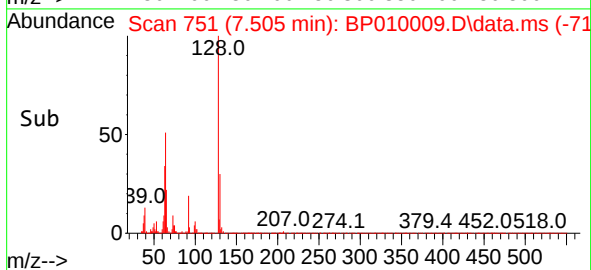
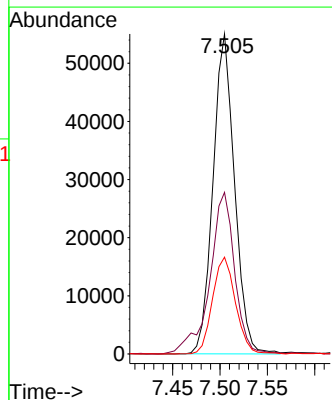
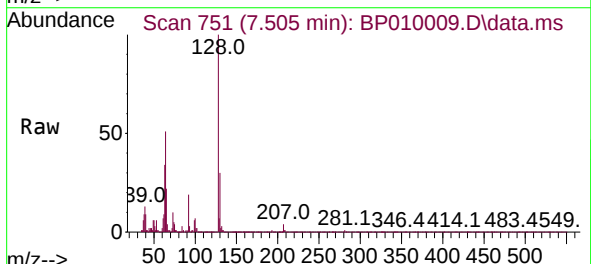
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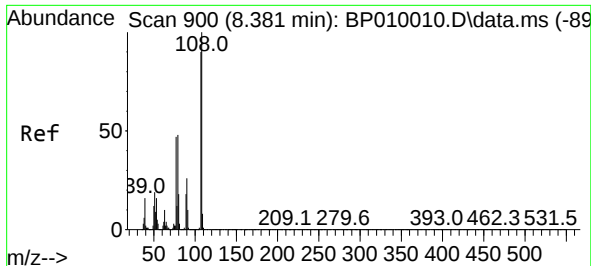
Tgt Ion: 93 Resp: 90342
Ion Ratio Lower Upper
93 100
63 82.1 45.0 67.4#
95 32.0 26.3 39.5



#12
2-Chlorophenol
Concen: 9.772 ng/ul
RT: 7.505 min Scan# 751
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:128 Resp: 87010
Ion Ratio Lower Upper
128 100
64 50.5 45.3 67.9
130 30.3 29.0 43.6

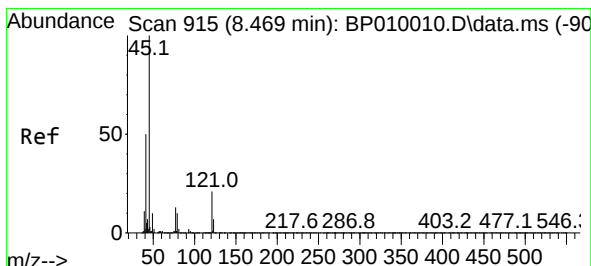
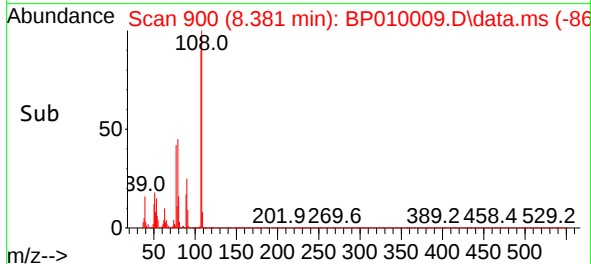
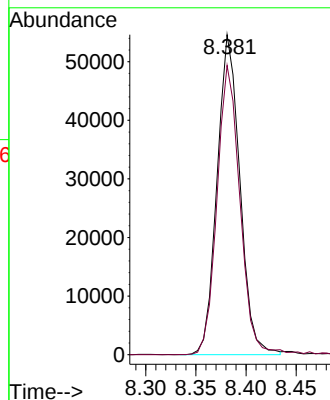
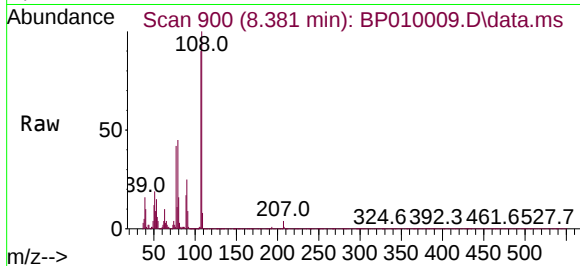




#13
2-Methylphenol
Concen: 9.438 ng/ul
RT: 8.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

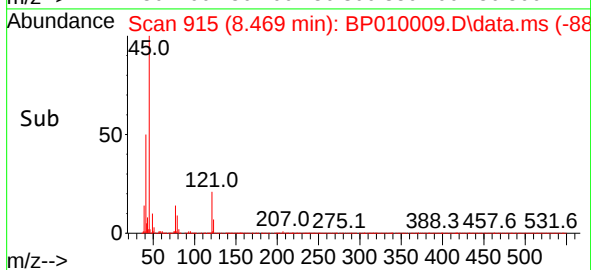
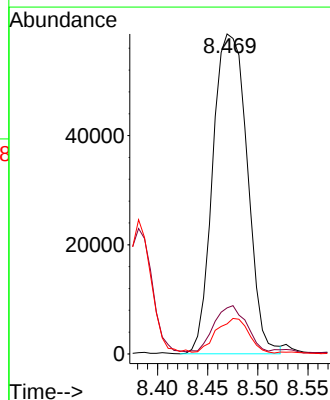
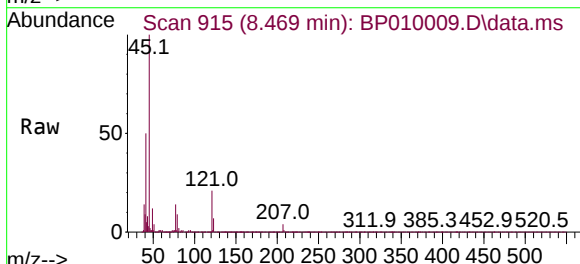
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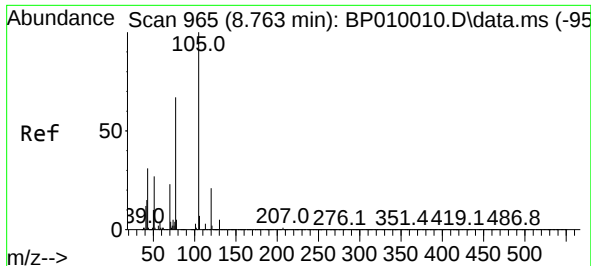
Tgt Ion: 108 Resp: 86247
Ion Ratio Lower Upper
108 100
107 90.4 70.8 106.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 10.366 ng/ul
RT: 8.469 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion: 45 Resp: 139881
Ion Ratio Lower Upper
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77 14.4 17.1 25.7#
79 9.4 13.2 19.8#

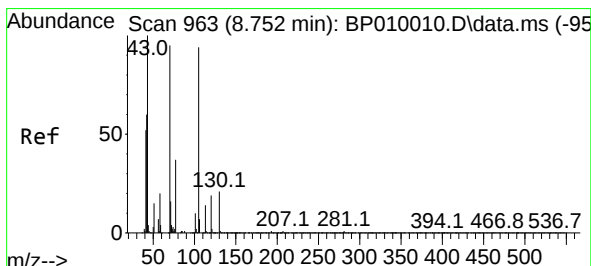
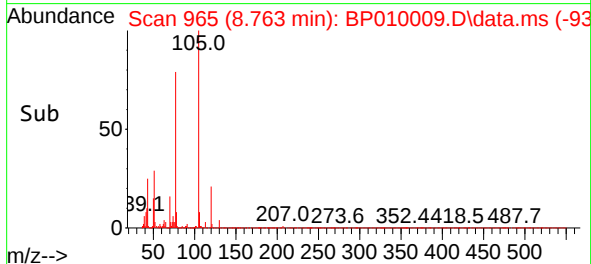
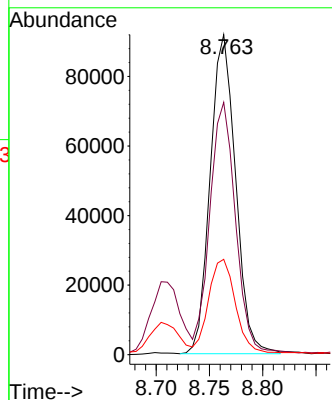
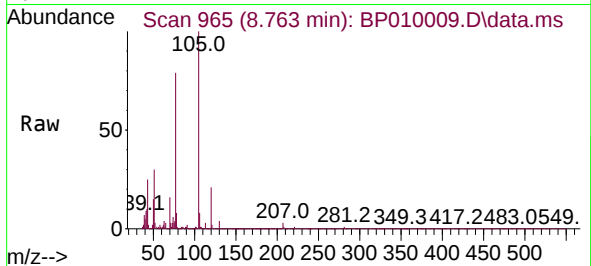




#16
Acetophenone
Concen: 9.896 ng/ul
RT: 8.763 min Scan# 90
Delta R.T. 0.000 min
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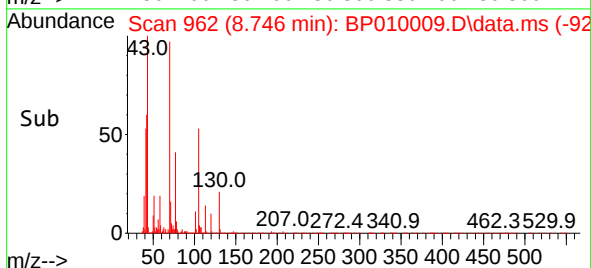
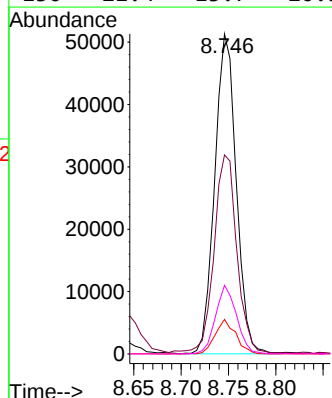
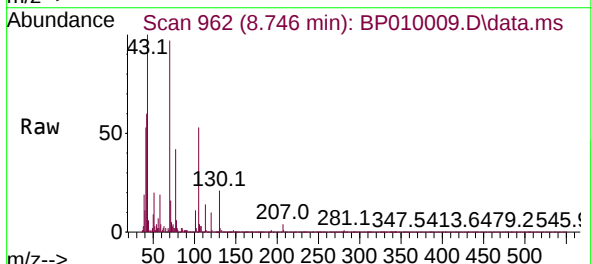
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BNA_P
ClientSampleId :
SSTD010624

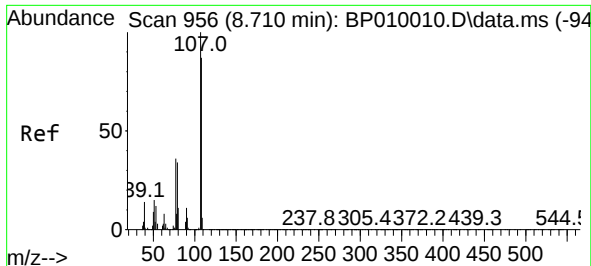
Tgt Ion:105 Resp: 152387
Ion Ratio Lower Upper
105 100
77 78.9 53.4 80.2
51 29.8 13.8 20.8#



#17
N-Nitroso-di-n-propylamine
Concen: 10.174 ng/ul
RT: 8.746 min Scan# 962
Delta R.T. -0.006 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion: 70 Resp: 81221
Ion Ratio Lower Upper
70 100
42 62.2 31.8 47.8#
101 10.8 15.6 23.4#
130 21.4 13.7 20.5#

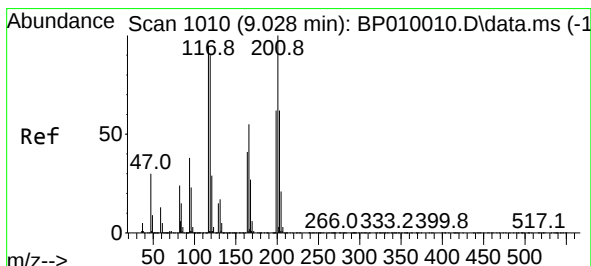
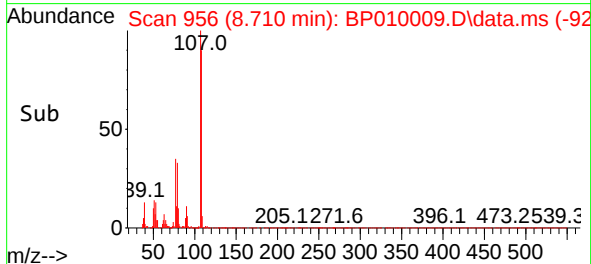
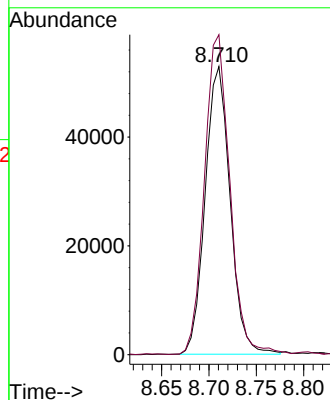
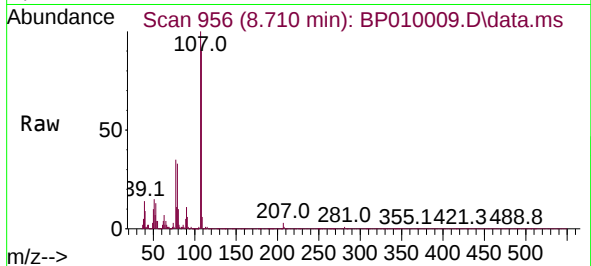




#18
4-Methylphenol
Concen: 9.818 ng/ul
RT: 8.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

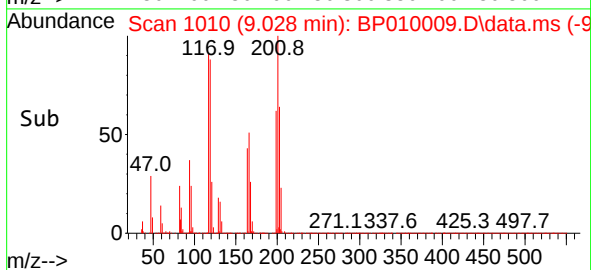
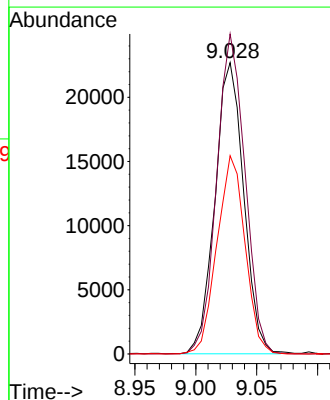
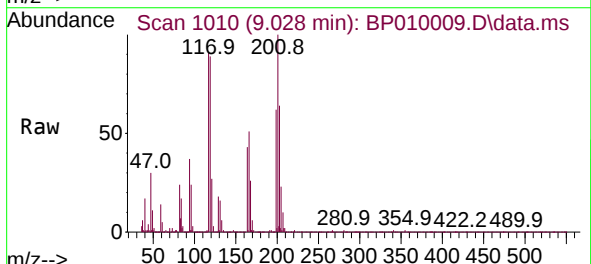
Instrument :
BNA_P
ClientSampleId :
SSTD010624

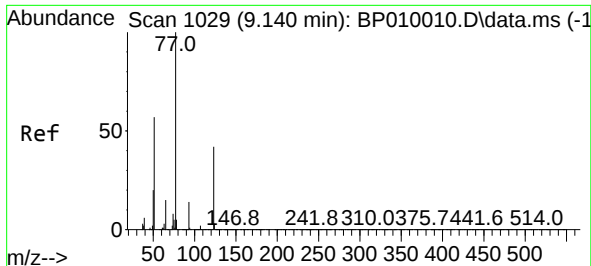
Tgt Ion:108 Resp: 97160
Ion Ratio Lower Upper
108 100
107 111.0 83.6 125.4



#19
Hexachloroethane
Concen: 9.907 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:117 Resp: 37243
Ion Ratio Lower Upper
117 100
201 109.8 106.5 159.7
199 70.0 59.0 88.6

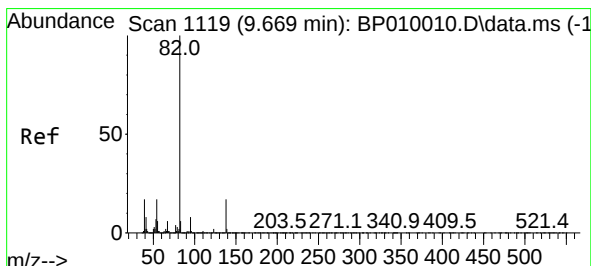
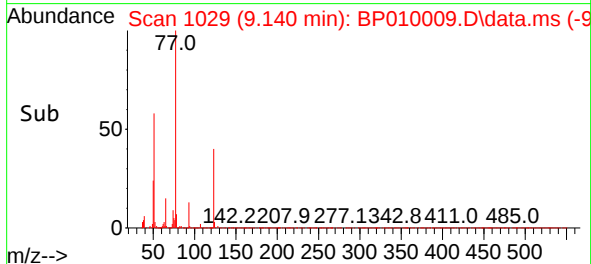
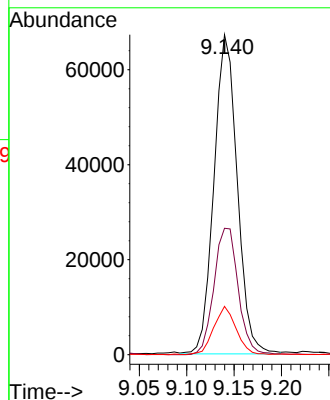
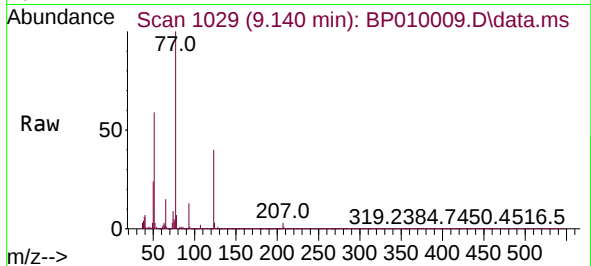




#22
Nitrobenzene
Concen: 10.374 ng/ul
RT: 9.140 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

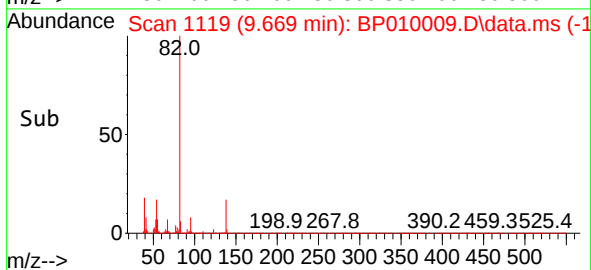
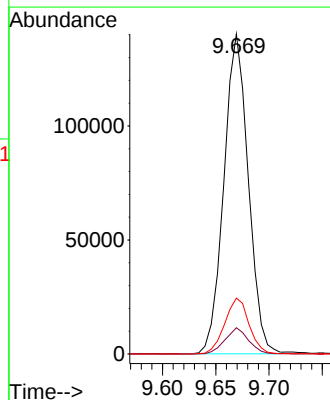
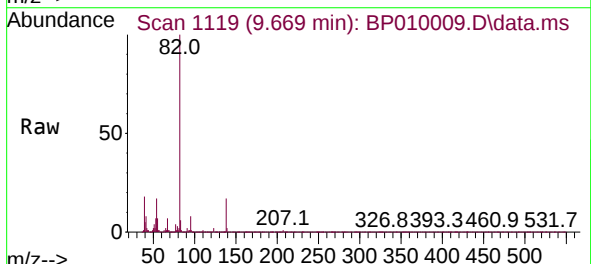
Instrument :
BNA_P
ClientSampleId :
SSTD010624

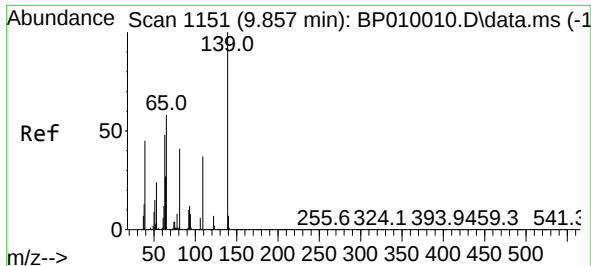
Tgt Ion: 77 Resp: 114722
Ion Ratio Lower Upper
77 100
123 39.5 42.3 63.5#
65 15.1 5.8 8.8#



#23
Isophorone
Concen: 9.796 ng/ul
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion: 82 Resp: 223217
Ion Ratio Lower Upper
82 100
95 8.2 7.8 11.8
138 17.5 12.9 19.3

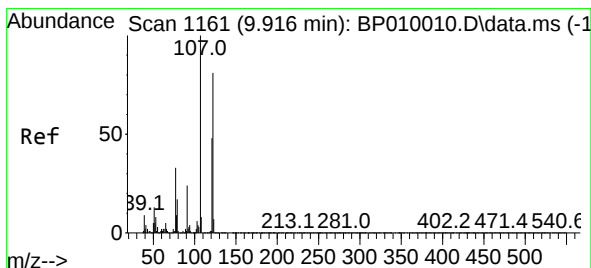
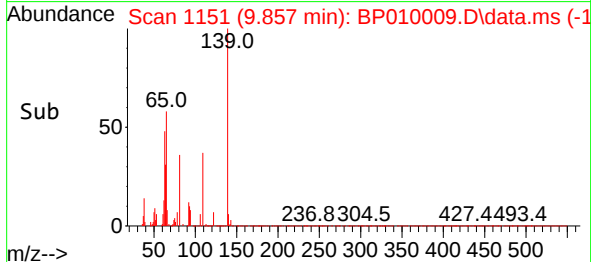
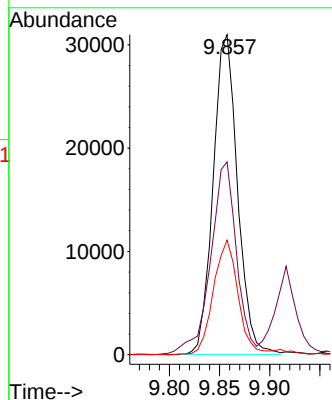
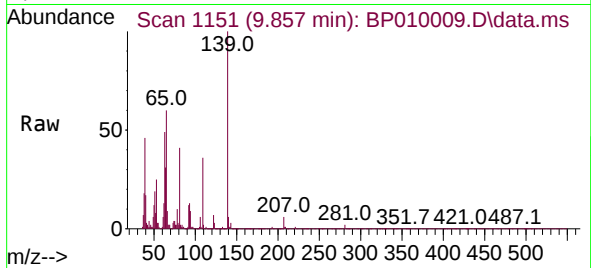




#25
2-Nitrophenol
Concen: 10.378 ng/ul
RT: 9.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

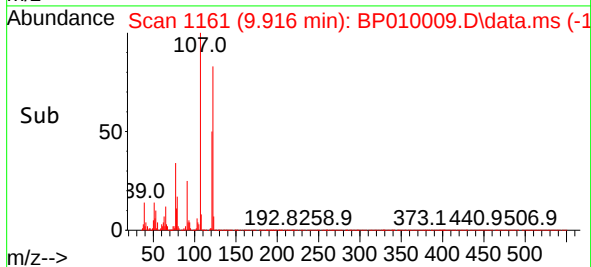
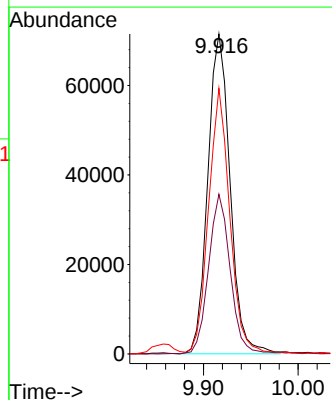
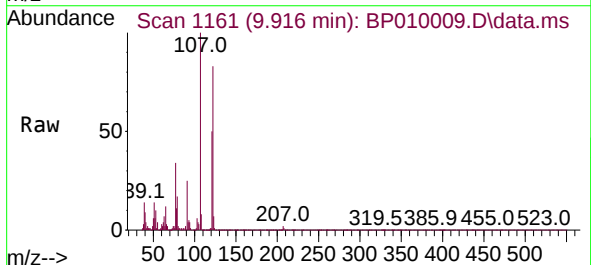
Instrument :
BNA_P
ClientSampleId :
SSTD010624

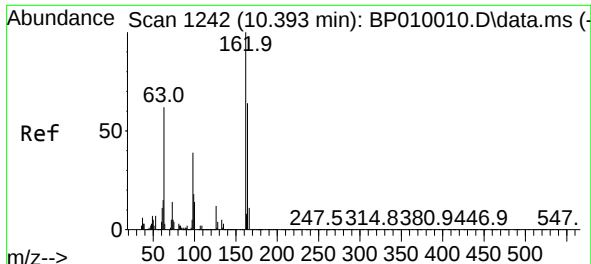
Tgt Ion:139	Resp:	52280
Ion Ratio	Lower	Upper
139	100	
65	60.2	49.4 74.2
109	35.8	44.7 67.1#



#26
2,4-Dimethylphenol
Concen: 9.762 ng/ul
RT: 9.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:107	Resp:	116709
Ion Ratio	Lower	Upper
107	100	
121	49.9	34.1 51.1
122	83.0	46.3 69.5#





#29

2,4-Dichlorophenol

Concen: 10.098 ng/ul

RT: 10.393 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BP010009.D

Acq: 21 Apr 2022 11:38

Instrument :

BNA_P

ClientSampleId :

SSTD010624

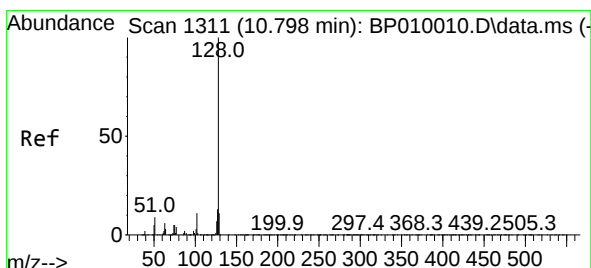
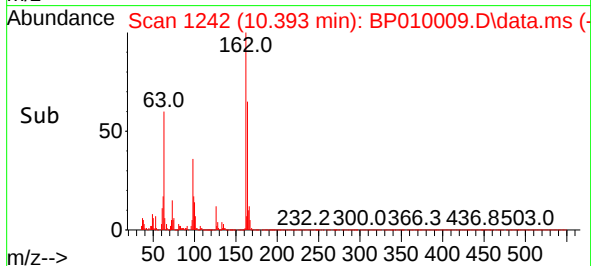
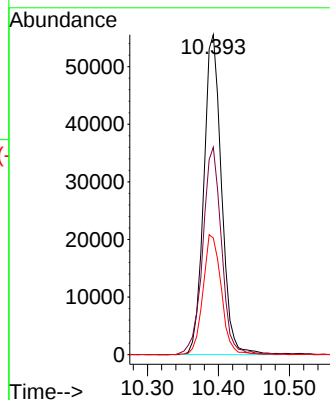
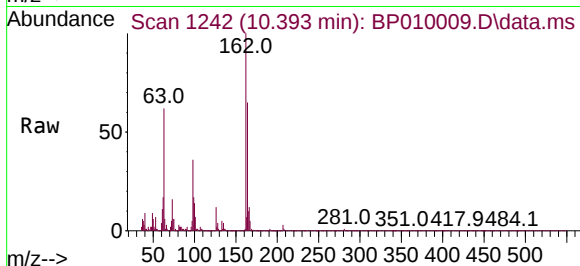
Tgt Ion:162 Resp: 96761

Ion Ratio Lower Upper

162 100

164 64.9 37.0 55.6#

98 36.5 31.0 46.6



#30

Naphthalene

Concen: 10.108 ng/ul

RT: 10.799 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BP010009.D

Acq: 21 Apr 2022 11:38

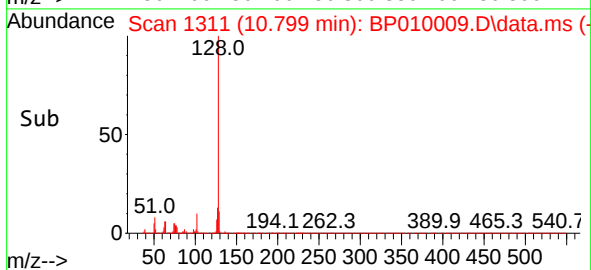
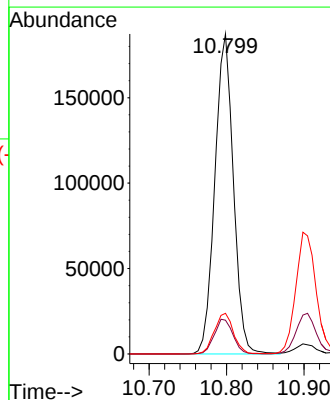
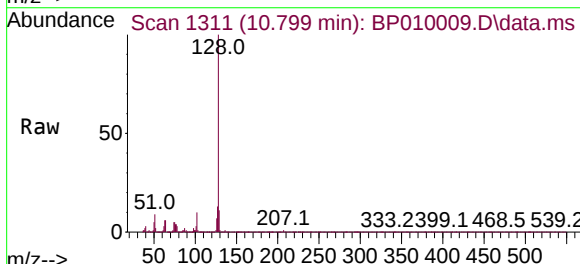
Tgt Ion:128 Resp: 310577

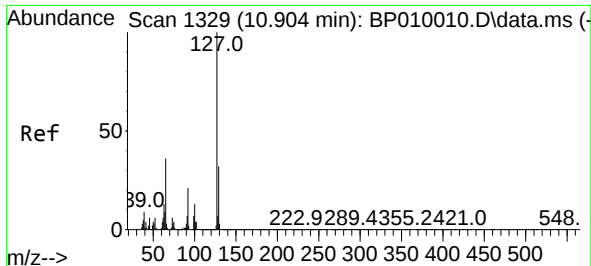
Ion Ratio Lower Upper

128 100

129 10.5 8.6 13.0

127 12.7 12.2 18.4

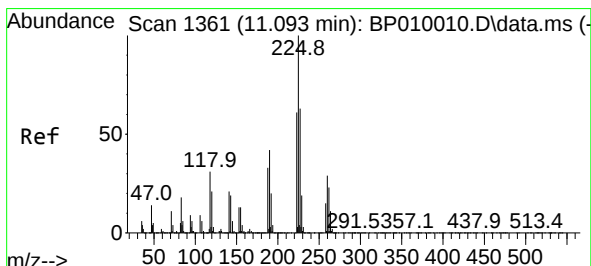
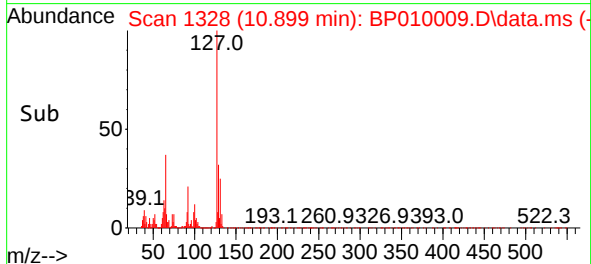
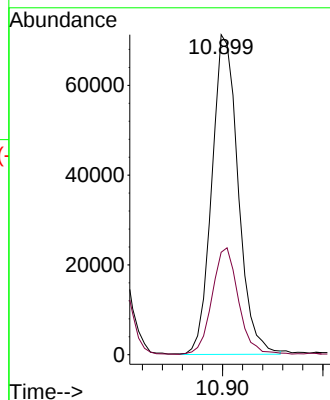
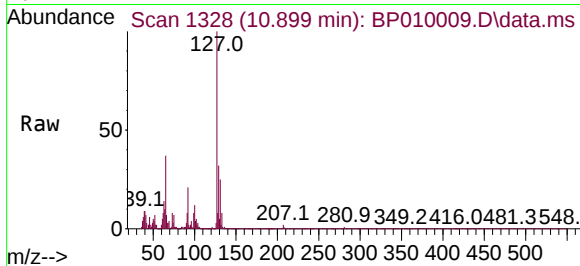




#32
4-Chloroaniline
Concen: 9.315 ng/ul
RT: 10.899 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

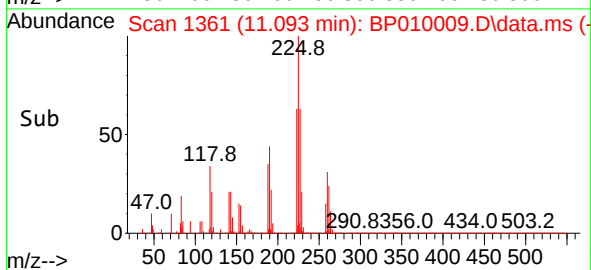
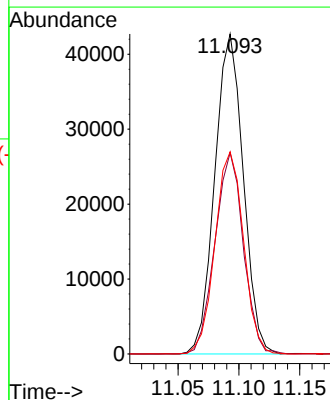
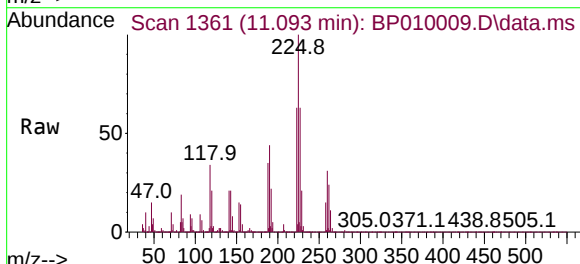
Instrument :
BNA_P
ClientSampleId :
SSTD010624

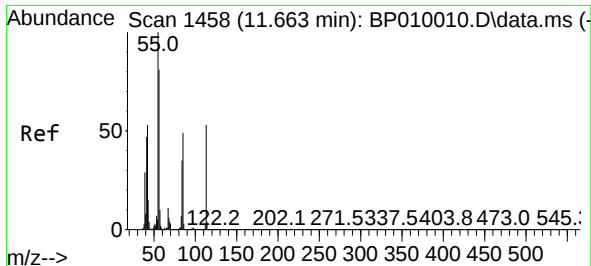
Tgt Ion:127 Resp: 129766
Ion Ratio Lower Upper
127 100
129 32.0 24.6 37.0



#33
Hexachlorobutadiene
Concen: 10.076 ng/ul
RT: 11.093 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:225 Resp: 69539
Ion Ratio Lower Upper
225 100
223 62.9 53.4 80.0
227 63.1 53.8 80.8

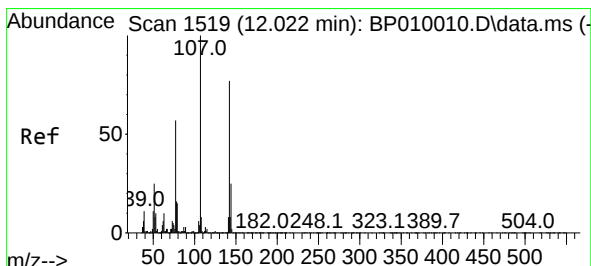
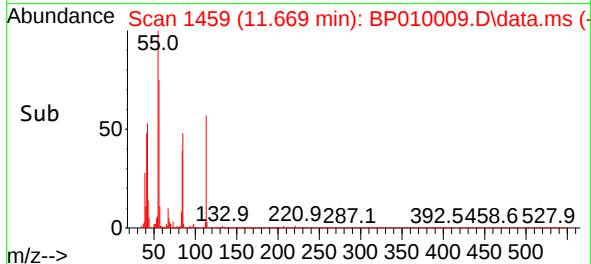
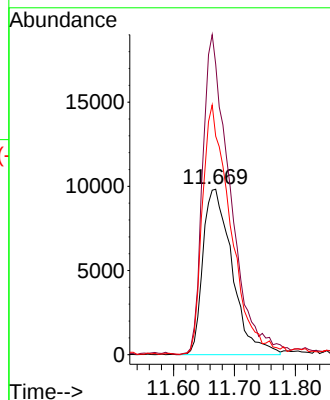
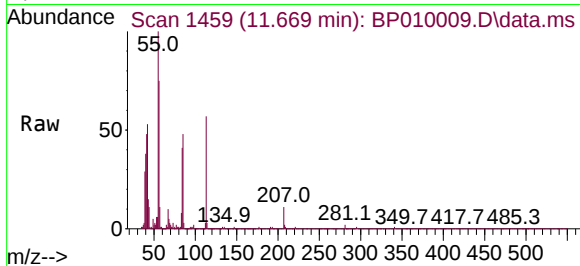




#34
Caprolactam
Concen: 10.358 ng/ul
RT: 11.669 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

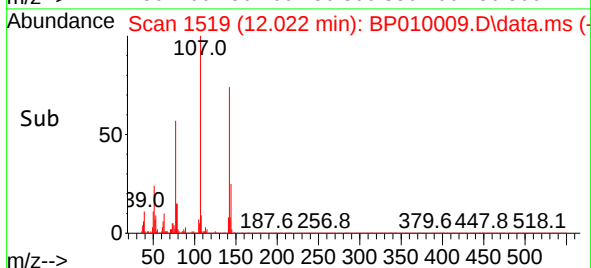
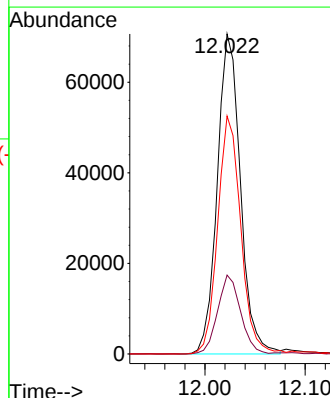
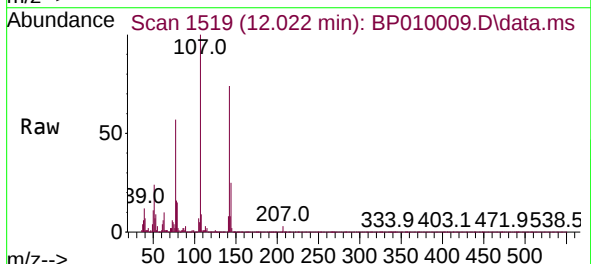
Instrument :
BNA_P
ClientSampleId :
SSTD010624

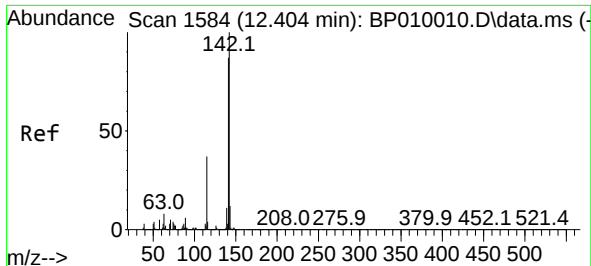
Tgt Ion:113 Resp: 32824
Ion Ratio Lower Upper
113 100
55 175.3 58.2 87.2#
56 131.9 68.6 103.0#



#35
4-Chloro-3-methylphenol
Concen: 9.756 ng/ul
RT: 12.022 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:107 Resp: 113279
Ion Ratio Lower Upper
107 100
144 24.6 15.8 23.8#
142 74.4 38.9 58.3#

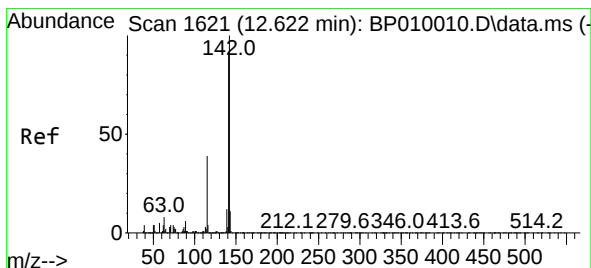
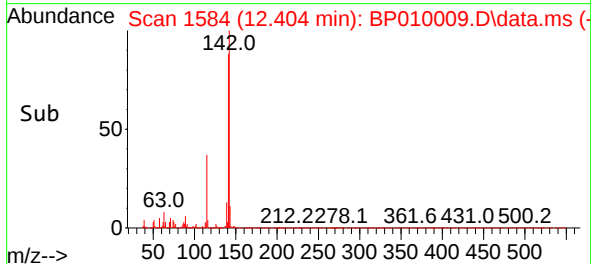
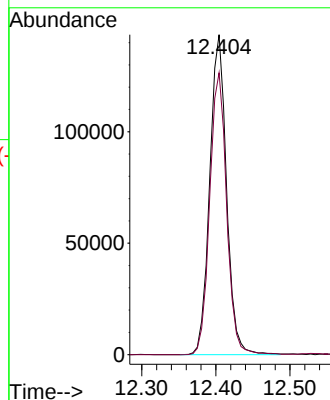
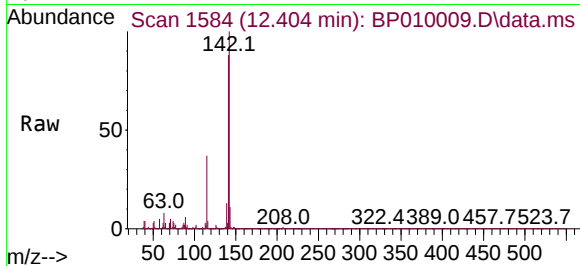




#36
2-Methylnaphthalene
Concen: 10.072 ng/ul
RT: 12.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

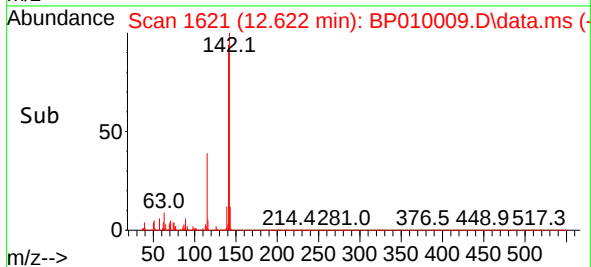
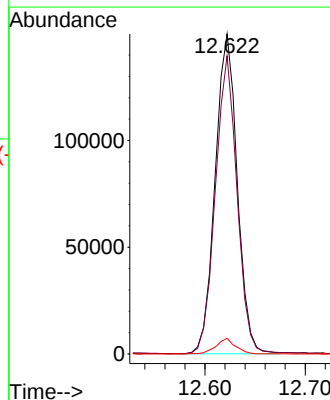
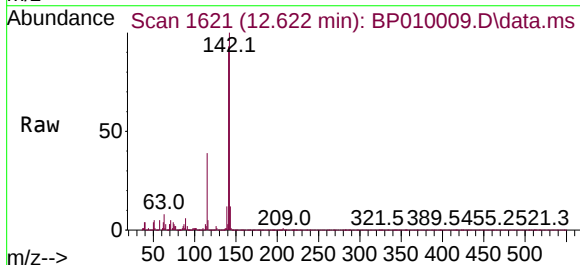
Instrument :
BNA_P
ClientSampleId :
SSTD010624

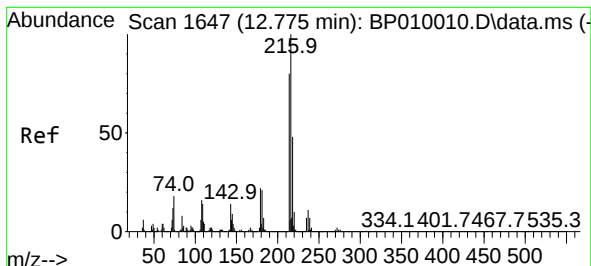
Tgt Ion:142 Resp: 226096
Ion Ratio Lower Upper
142 100
141 88.1 64.3 96.5



#37
1-Methylnaphthalene
Concen: 10.117 ng/ul
RT: 12.622 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:142 Resp: 229304
Ion Ratio Lower Upper
142 100
141 93.2 69.8 104.8
116 4.9 5.6 8.4#

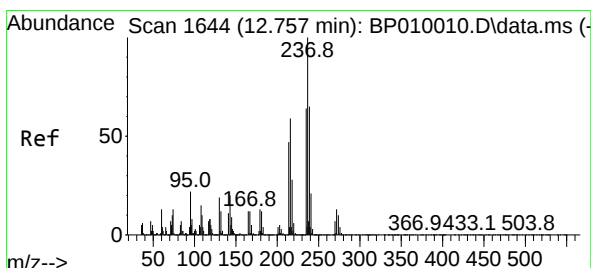
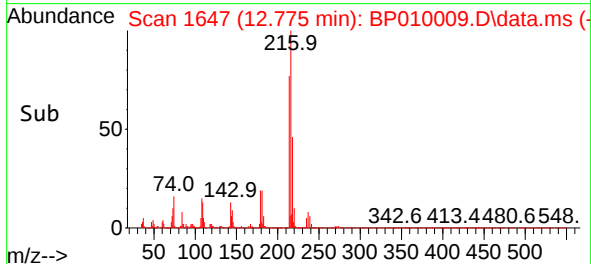
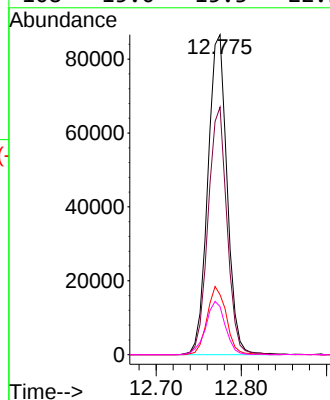
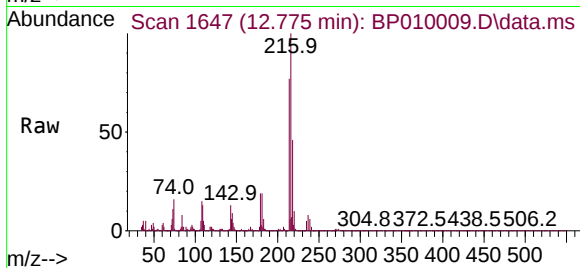




#39
1,2,4,5-Tetrachlorobenzene
Concen: 10.097 ng/ul
RT: 12.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

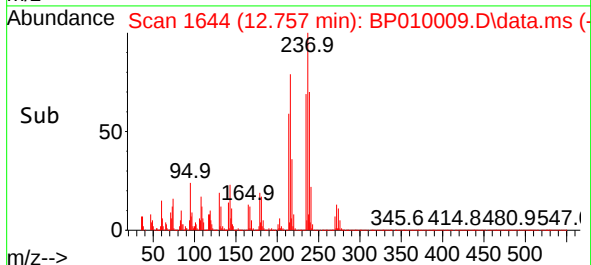
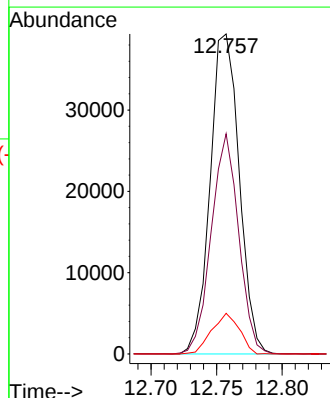
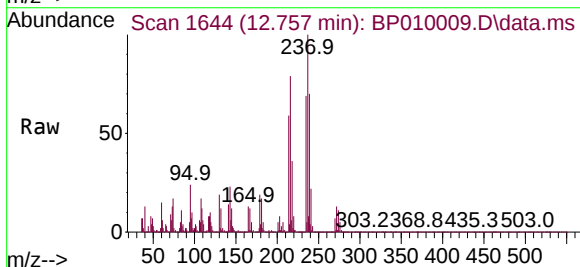
Instrument :
BNA_P
ClientSampleId :
SSTD010624

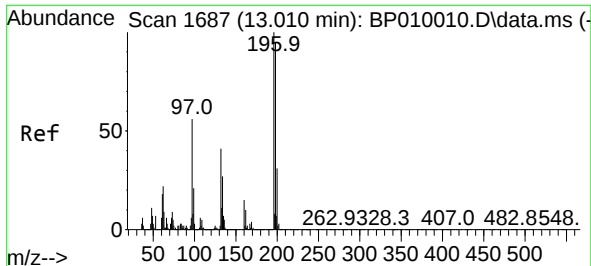
Tgt Ion:216 Resp: 135681
Ion Ratio Lower Upper
216 100
214 77.3 58.2 87.2
179 18.8 14.2 21.2
108 15.0 15.3 22.9#



#40
Hexachlorocyclopentadiene
Concen: 6.524 ng/ul
RT: 12.757 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:237 Resp: 60834
Ion Ratio Lower Upper
237 100
235 68.8 53.2 79.8
272 12.7 10.8 16.2

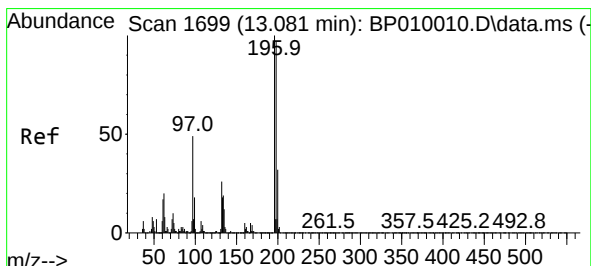
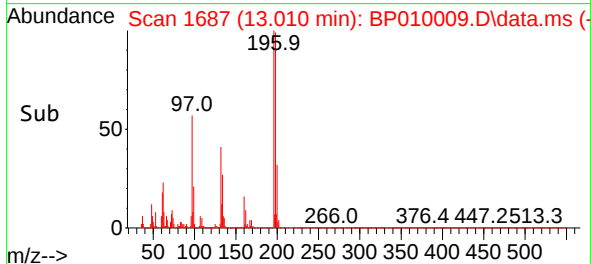
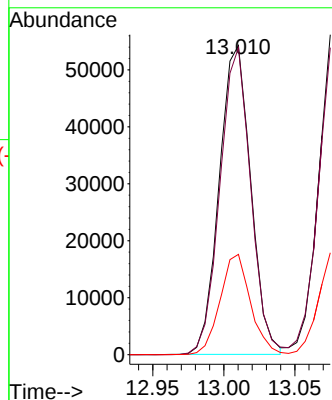
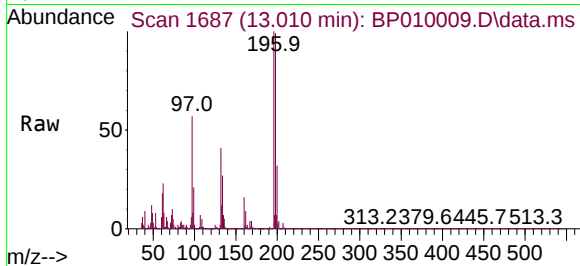




#41
2,4,6-Trichlorophenol
Concen: 9.747 ng/ul
RT: 13.010 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

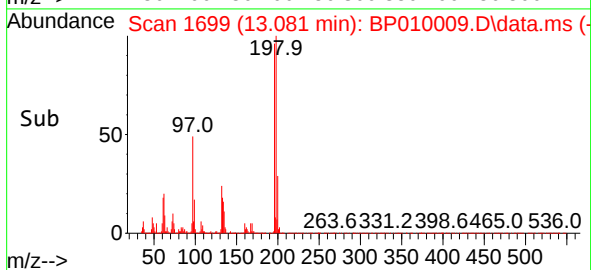
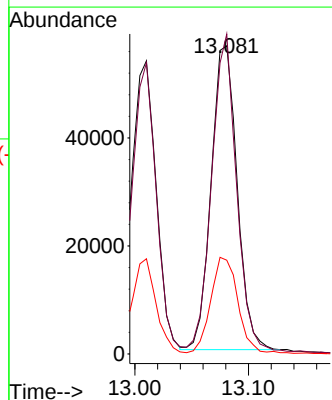
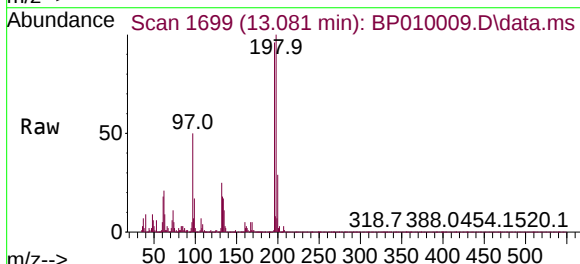
Instrument :
BNA_P
ClientSampleId :
SSTD010624

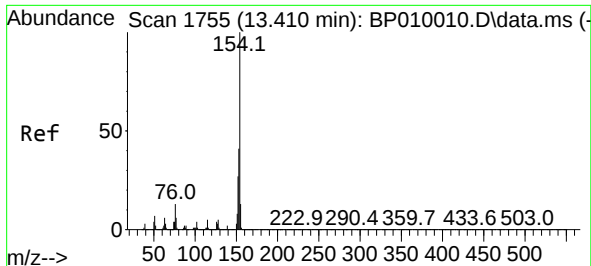
Tgt Ion:196 Resp: 83644
Ion Ratio Lower Upper
196 100
198 99.4 64.1 96.1#
200 32.5 19.9 29.9#



#42
2,4,5-Trichlorophenol
Concen: 9.667 ng/ul
RT: 13.081 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:196 Resp: 89645
Ion Ratio Lower Upper
196 100
198 103.8 68.6 103.0#
200 30.4 32.8 49.2#

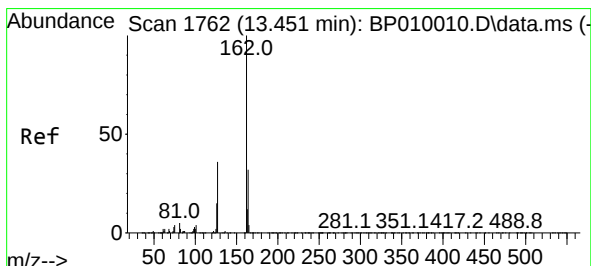
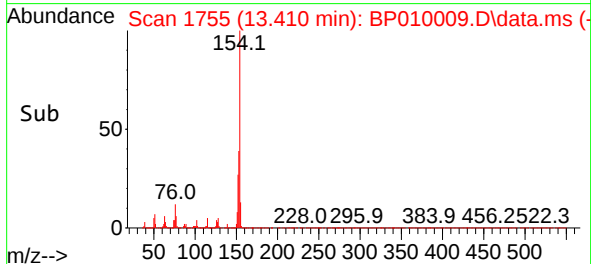
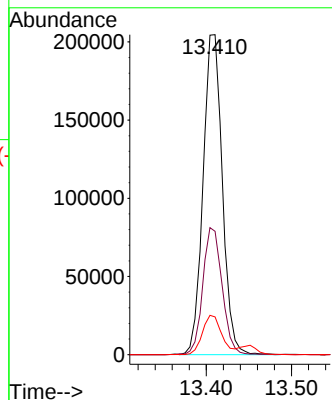
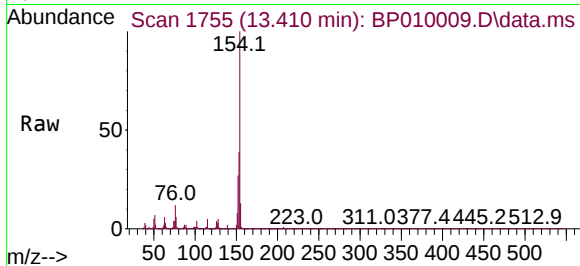




#43
1,1'-Biphenyl
Concen: 10.032 ng/ul
RT: 13.410 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

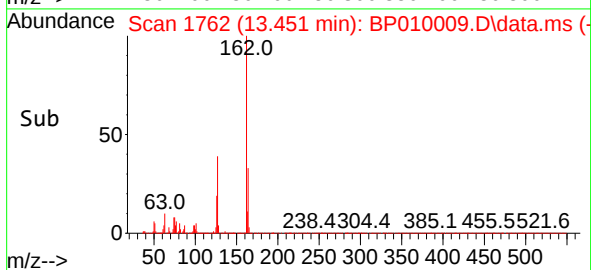
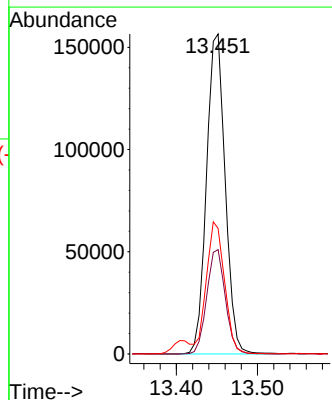
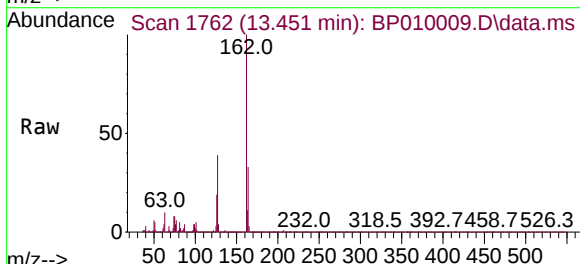
Instrument :
BNA_P
ClientSampleId :
SSTD010624

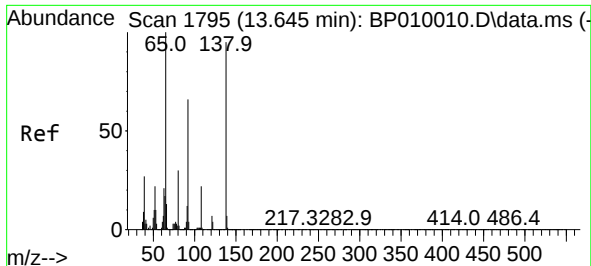
Tgt Ion:154 Resp: 321466
Ion Ratio Lower Upper
154 100
153 38.5 28.6 43.0
76 11.8 8.5 12.7



#44
2-Chloronaphthalene
Concen: 10.143 ng/ul
RT: 13.451 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:162 Resp: 249845
Ion Ratio Lower Upper
162 100
164 32.6 27.5 41.3
127 39.2 37.1 55.7

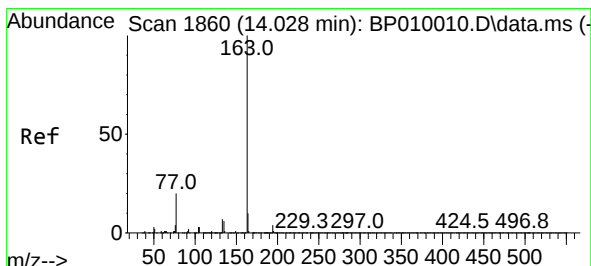
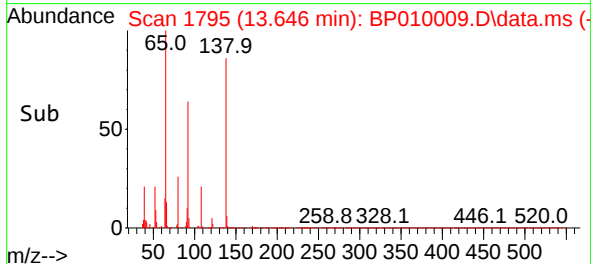
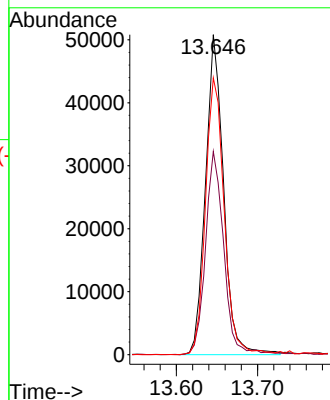
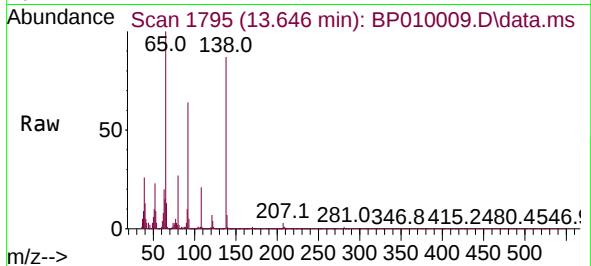




#45
2-Nitroaniline
Concen: 10.845 ng/ul
RT: 13.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

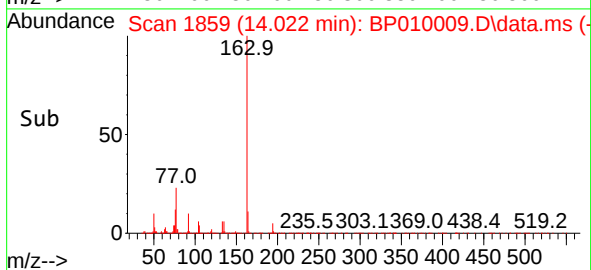
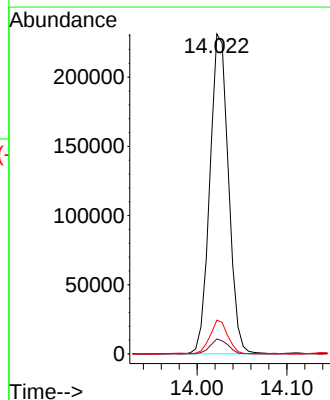
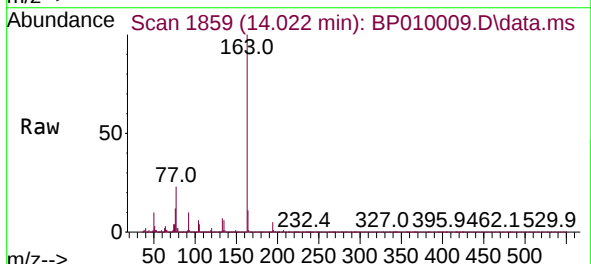
Instrument :
BNA_P
ClientSampleId :
SSTD010624

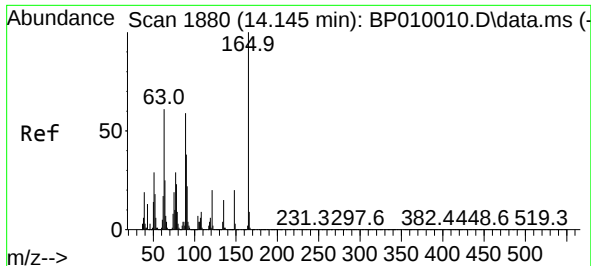
Tgt Ion: 65 Resp: 78287
Ion Ratio Lower Upper
65 100
92 63.5 77.9 116.9#
138 86.5 81.5 122.3



#47
Dimethylphthalate
Concen: 10.025 ng/ul
RT: 14.022 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:163 Resp: 332891
Ion Ratio Lower Upper
163 100
194 4.7 4.1 6.1
164 10.6 11.3 16.9#

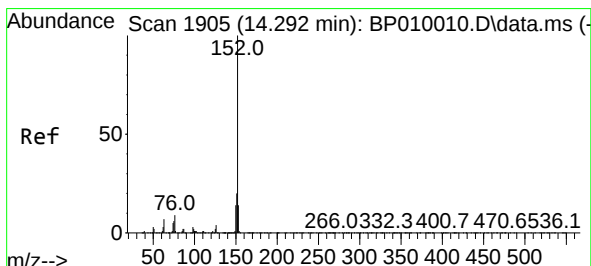
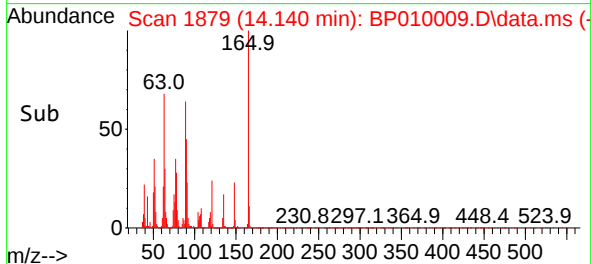
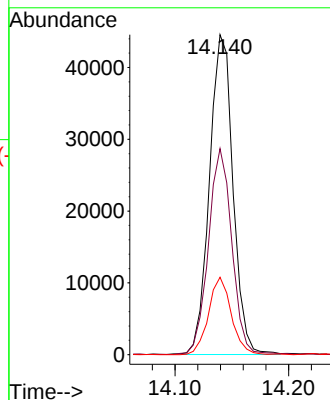
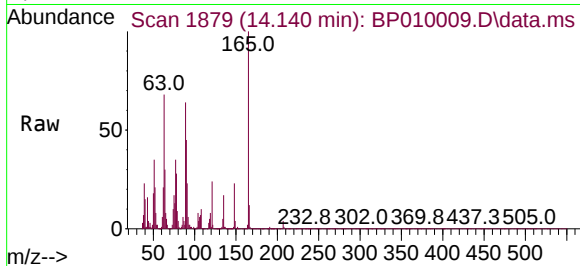




#48
2,6-Dinitrotoluene
Concen: 10.508 ng/ul
RT: 14.140 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

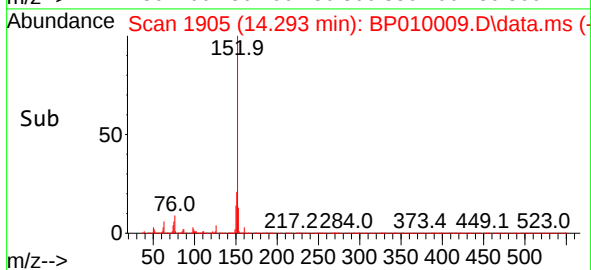
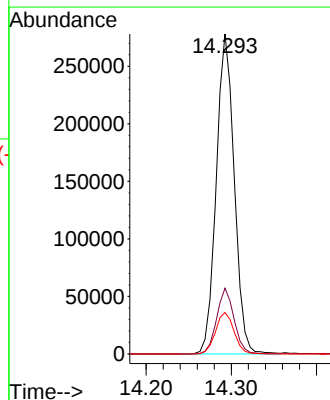
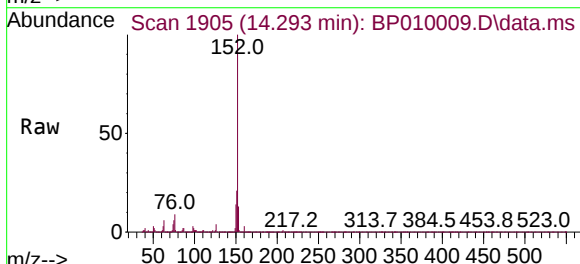
Instrument :
BNA_P
ClientSampleId :
SSTD010624

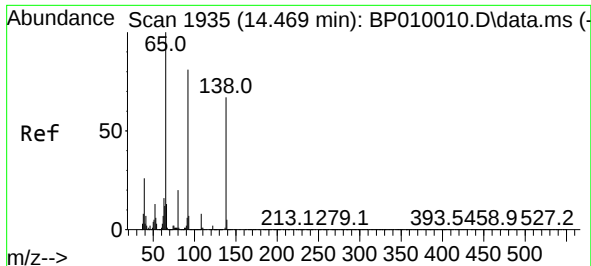
Tgt Ion:165 Resp: 64178
Ion Ratio Lower Upper
165 100
89 64.4 51.7 77.5
121 24.2 18.3 27.5



#50
Acenaphthylene
Concen: 10.136 ng/ul
RT: 14.293 min Scan# 1905
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:152 Resp: 408829
Ion Ratio Lower Upper
152 100
151 20.5 18.3 27.5
153 13.0 11.0 16.6

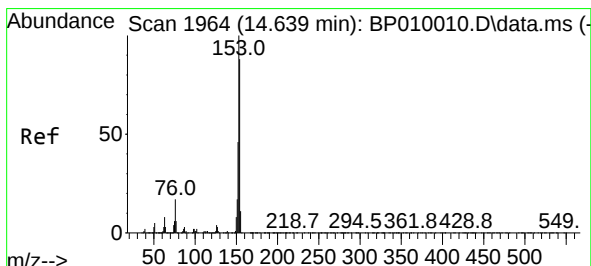
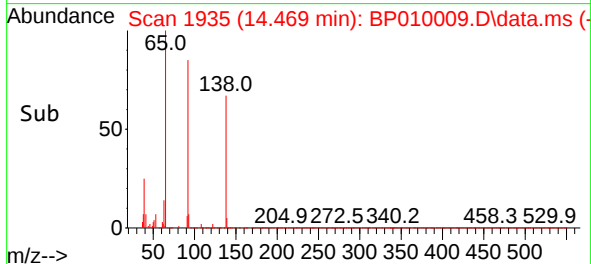
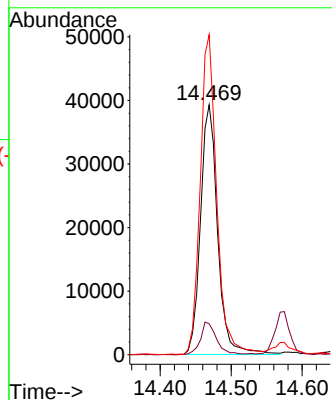
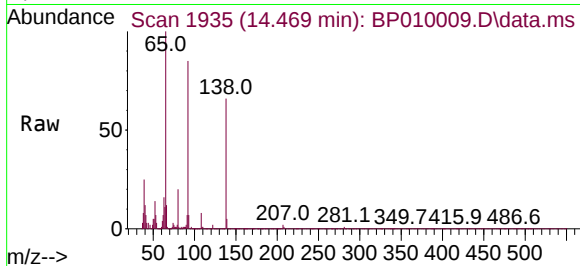




#51
3-Nitroaniline
Concen: 10.400 ng/ul
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

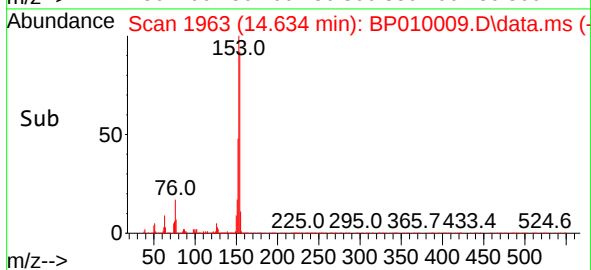
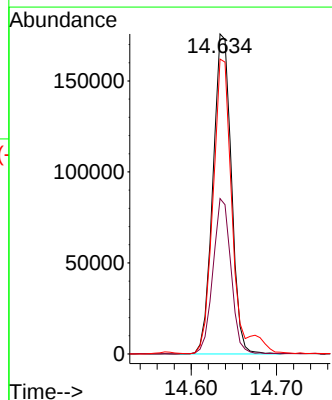
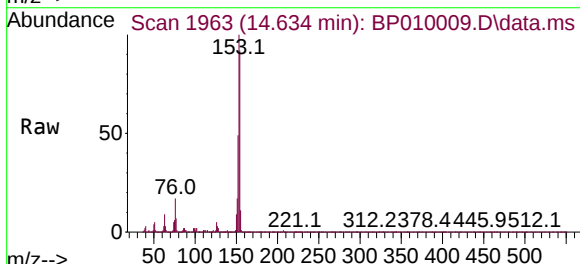
Instrument :
BNA_P
ClientSampleId :
SSTD010624

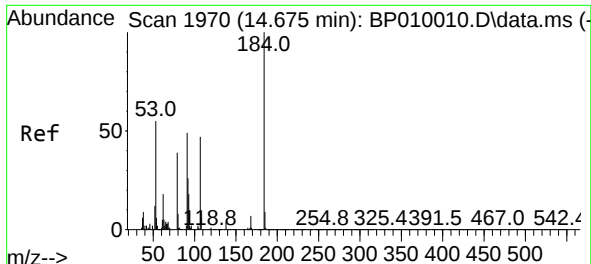
Tgt Ion:138 Resp: 66033
Ion Ratio Lower Upper
138 100
108 12.4 15.8 23.8#
92 128.0 117.1 175.7



#52
Acenaphthene
Concen: 9.985 ng/ul
RT: 14.634 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:153 Resp: 263683
Ion Ratio Lower Upper
153 100
152 48.5 34.3 51.5
154 92.2 70.0 105.0

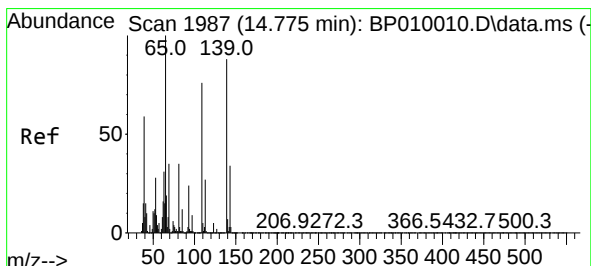
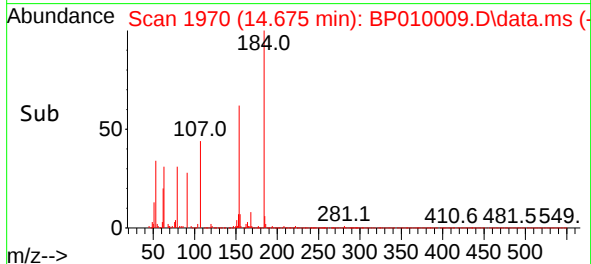
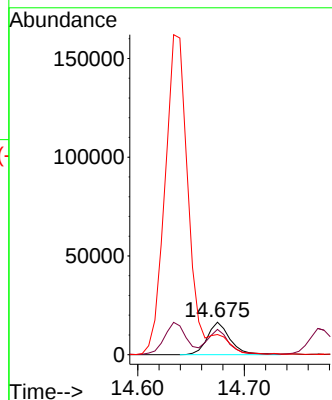
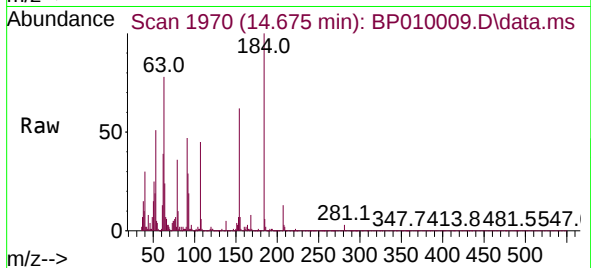




#53
2,4-Dinitrophenol
Concen: 6.587 ng/ul
RT: 14.675 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

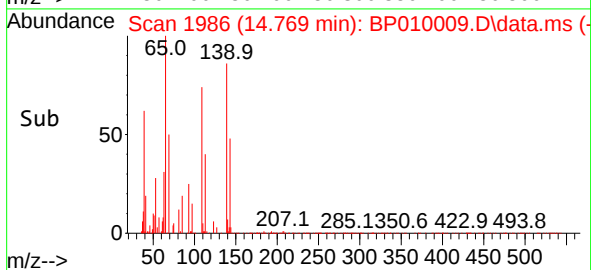
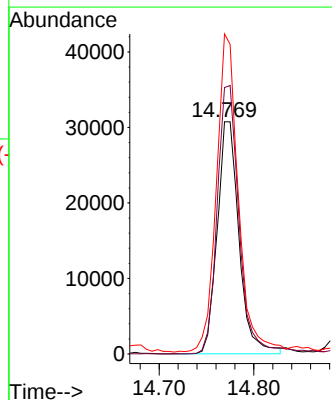
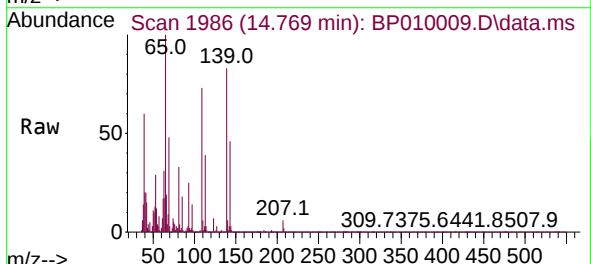
Instrument :
BNA_P
ClientSampleId :
SSTD010624

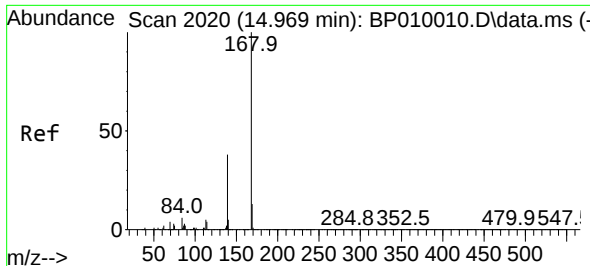
Tgt Ion:184 Resp: 24317
Ion Ratio Lower Upper
184 100
63 77.8 34.6 52.0#
154 62.3 57.7 86.5



#55
4-Nitrophenol
Concen: 8.538 ng/ul
RT: 14.769 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:109 Resp: 49172
Ion Ratio Lower Upper
109 100
139 114.7 61.4 92.2#
65 137.8 65.3 97.9#

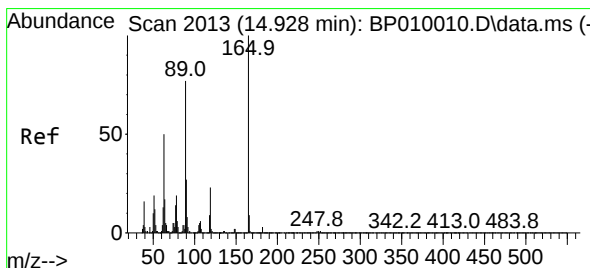
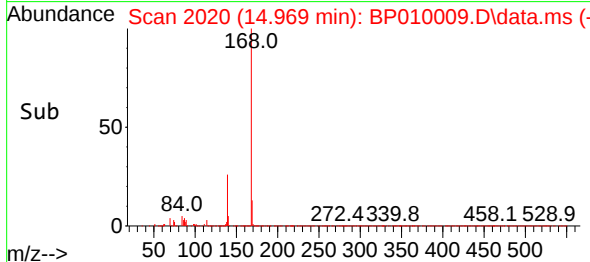
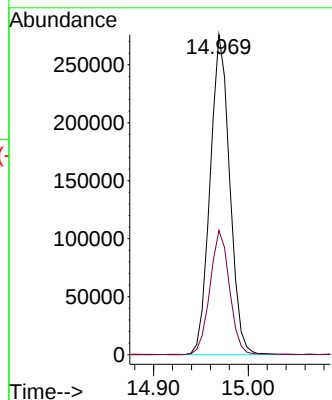
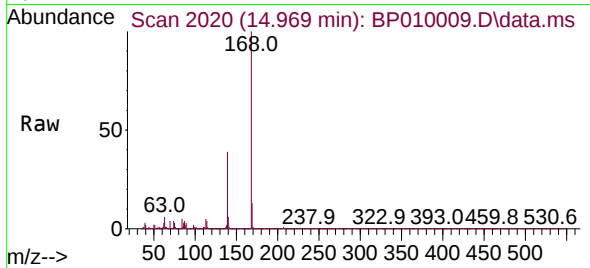




#56
Dibenzofuran
Concen: 10.201 ng/ul
RT: 14.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

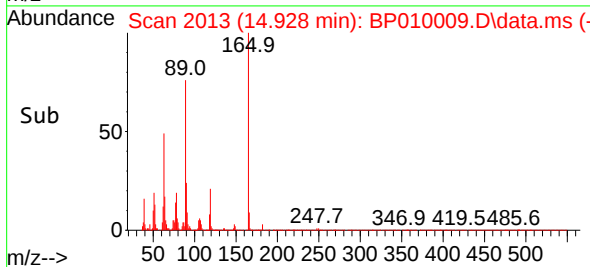
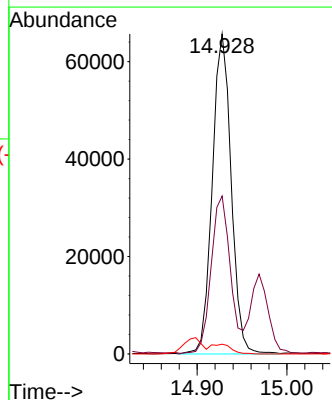
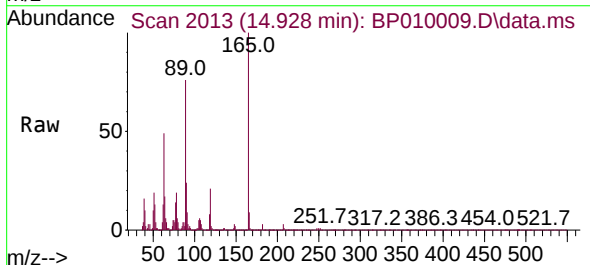
Instrument :
BNA_P
ClientSampleId :
SSTD010624

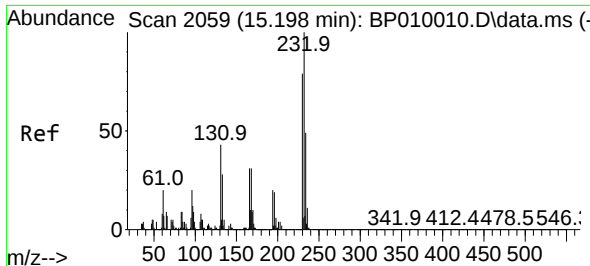
Tgt Ion:168 Resp: 396485
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1



#57
2,4-Dinitrotoluene
Concen: 10.706 ng/ul
RT: 14.928 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:165 Resp: 96017
Ion Ratio Lower Upper
165 100
63 49.3 29.5 44.3#
182 3.1 2.8 4.2

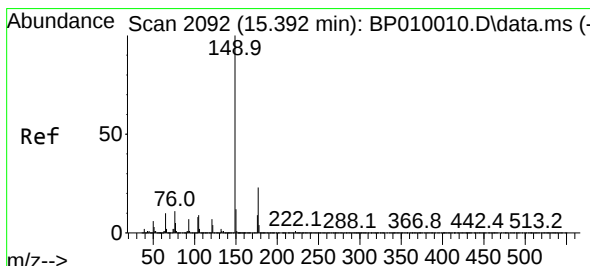
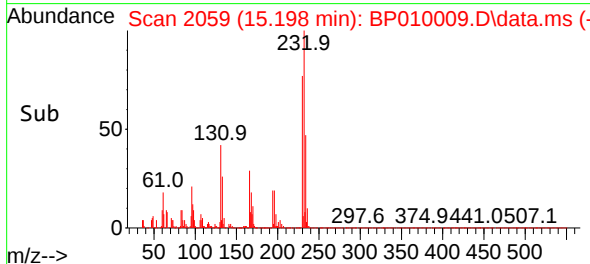
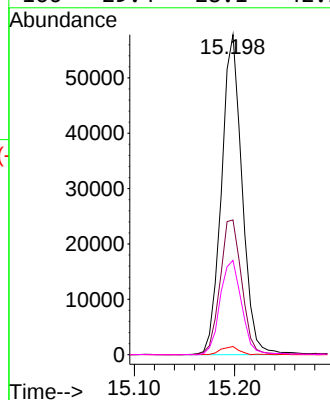
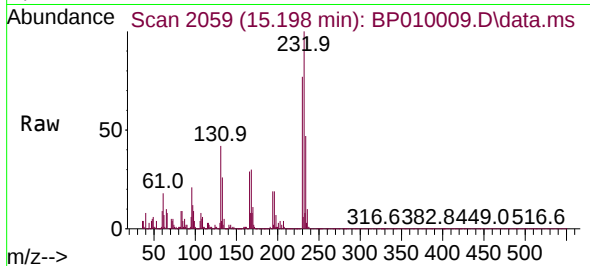




#58
2,3,4,6-Tetrachlorophenol
Concen: 9.741 ng/ul
RT: 15.198 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

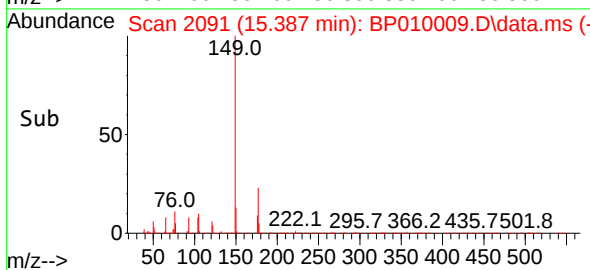
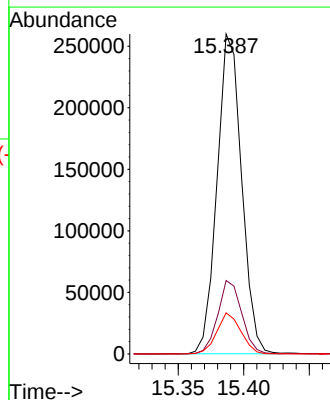
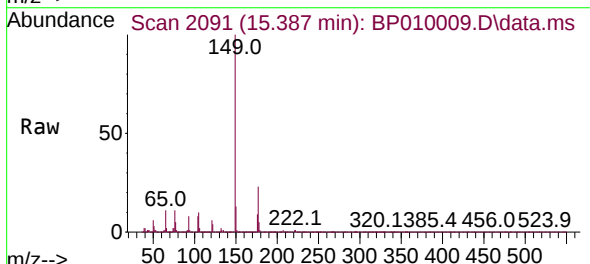
Instrument :
BNA_P
ClientSampleId :
SSTD010624

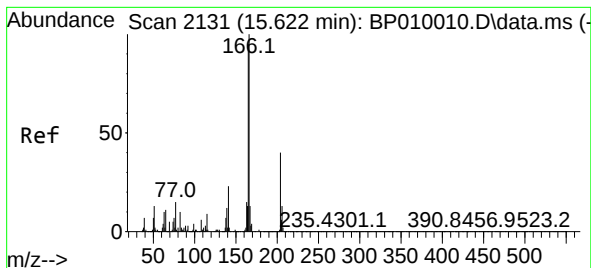
Tgt Ion:	232	Resp:	82364
Ion Ratio	Lower	Upper	
232	100		
131	42.1	25.4	38.2#
130	2.6	4.2	6.2#
166	29.4	28.1	42.1



#59
Diethylphthalate
Concen: 9.826 ng/ul
RT: 15.387 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:	149	Resp:	337669
Ion Ratio	Lower	Upper	
149	100		
177	22.9	22.0	33.0
150	12.9	10.2	15.2





#61

Fluorene

Concen: 10.150 ng/ul

RT: 15.622 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BP010009.D

Acq: 21 Apr 2022 11:38

Instrument :

BNA_P

ClientSampleId :

SSTD010624

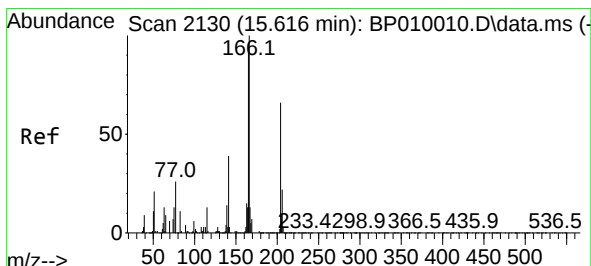
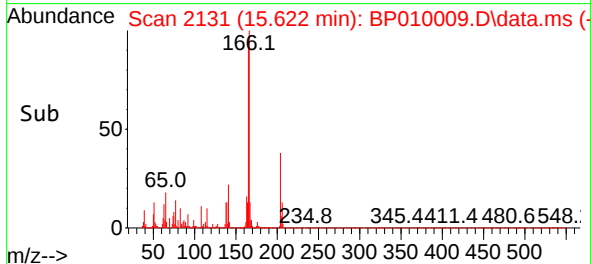
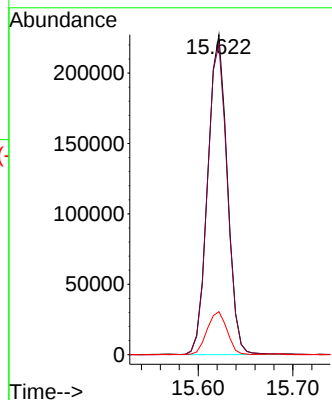
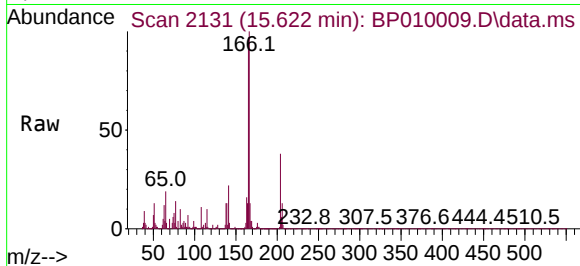
Tgt Ion:166 Resp: 324944

Ion Ratio Lower Upper

166 100

165 97.1 70.3 105.5

167 13.4 9.5 14.3



#62

4-Chlorophenyl-phenylether

Concen: 9.980 ng/ul

RT: 15.616 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BP010009.D

Acq: 21 Apr 2022 11:38

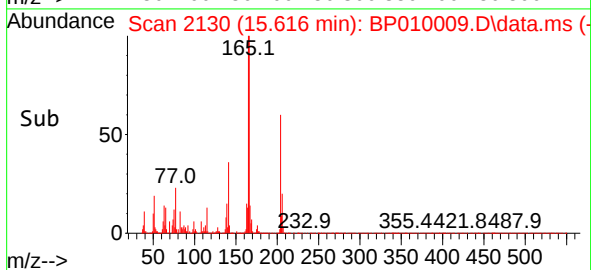
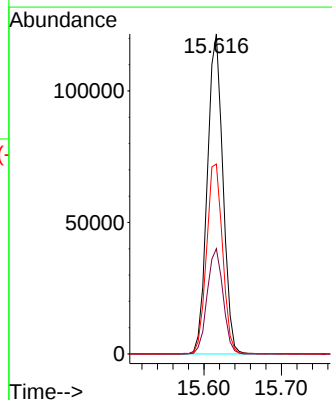
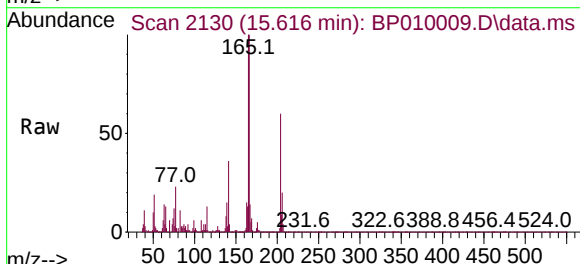
Tgt Ion:204 Resp: 169888

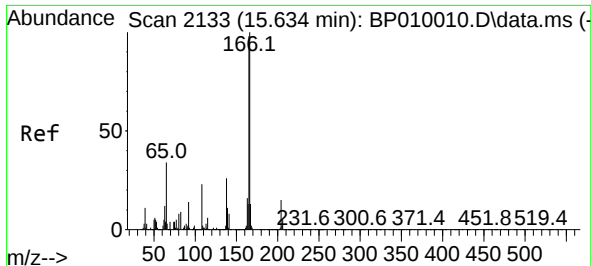
Ion Ratio Lower Upper

204 100

206 32.9 27.6 41.4

141 59.4 46.6 69.8

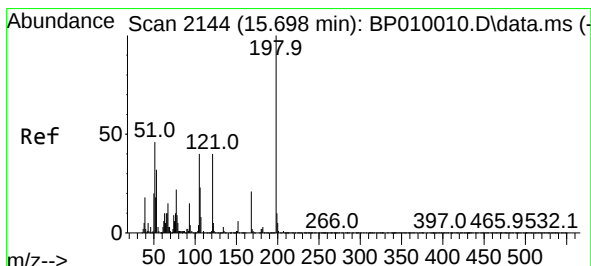
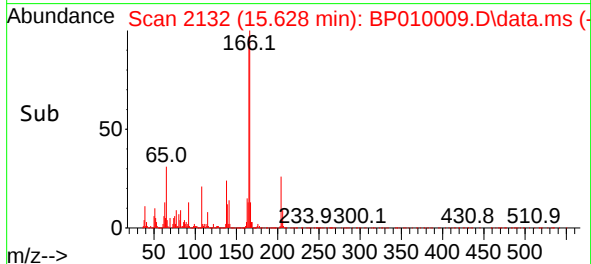
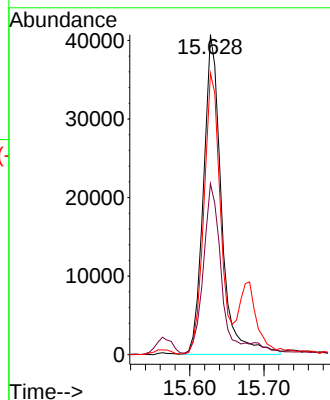
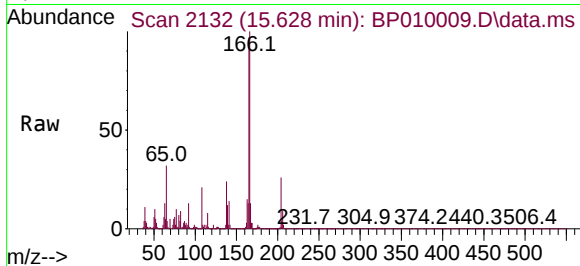




#63
4-Nitroaniline
Concen: 10.755 ng/ul
RT: 15.628 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

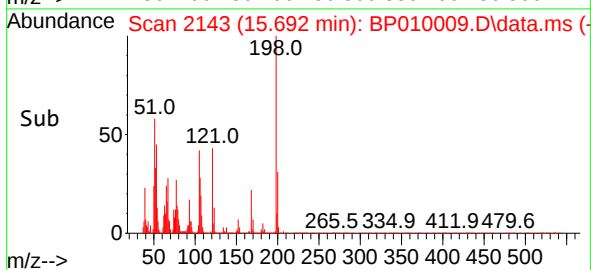
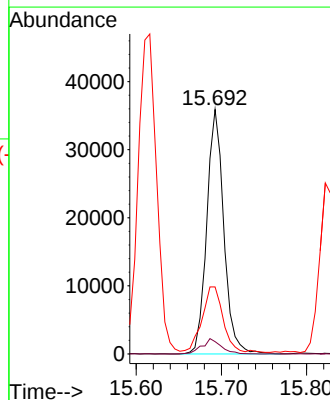
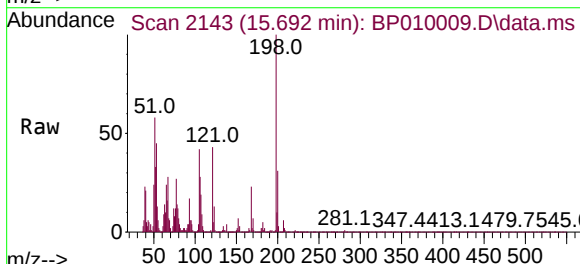
Instrument :
BNA_P
ClientSampleId :
SSTD010624

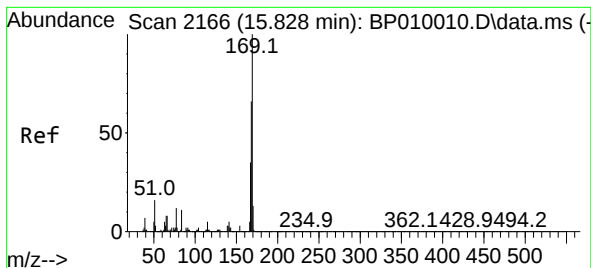
Tgt Ion:138 Resp: 68401
Ion Ratio Lower Upper
138 100
92 53.4 41.6 62.4
108 88.0 97.6 146.4#



#66
4,6-Dinitro-2-methylphenol
Concen: 8.528 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:198 Resp: 49917
Ion Ratio Lower Upper
198 100
182 5.0 6.0 9.0#
77 27.4 17.7 26.5#

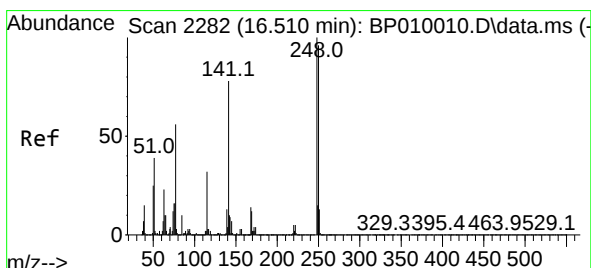
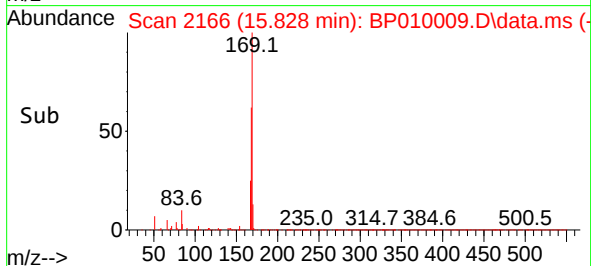
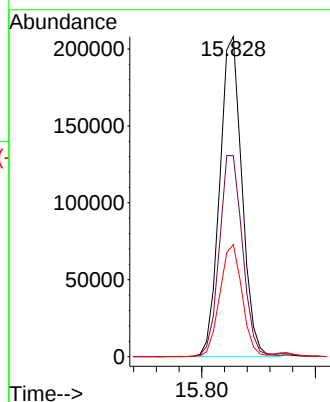
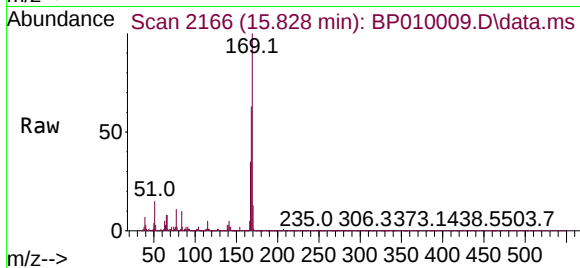




#67
N-Nitrosodiphenylamine
Concen: 9.954 ng/ul
RT: 15.828 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

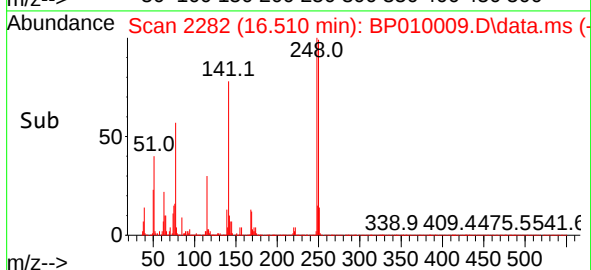
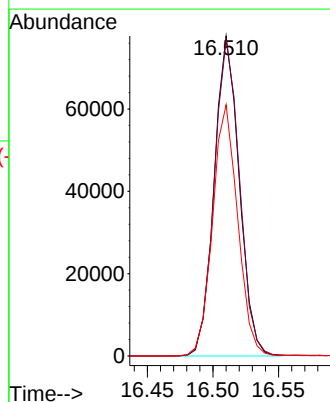
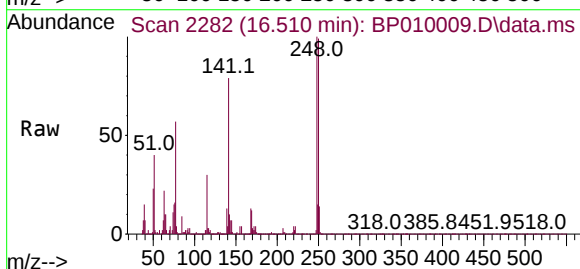
Instrument :
BNA_P
ClientSampleId :
SSTD010624

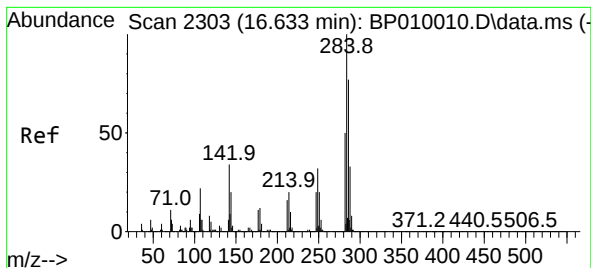
Tgt Ion:169 Resp: 283227
Ion Ratio Lower Upper
169 100
168 62.8 48.3 72.5
167 35.0 29.6 44.4



#68
4-Bromophenyl-phenylether
Concen: 9.573 ng/ul
RT: 16.510 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:248 Resp: 103000
Ion Ratio Lower Upper
248 100
250 98.7 79.4 119.0
141 78.5 67.2 100.8





#69

Hexachlorobenzene

Concen: 9.784 ng/ul

RT: 16.634 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP010009.D

Acq: 21 Apr 2022 11:38

Instrument :

BNA_P

ClientSampleId :

SSTD010624

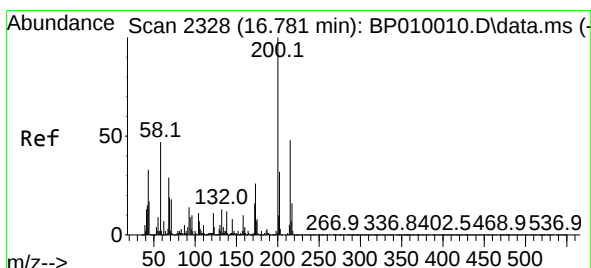
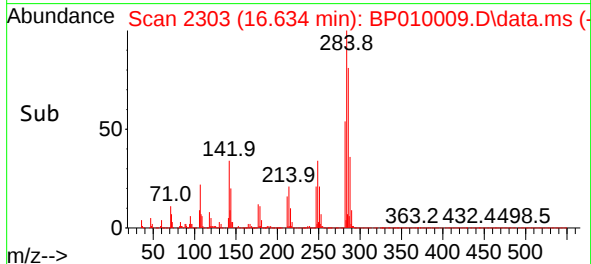
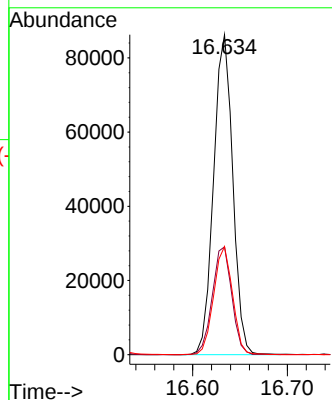
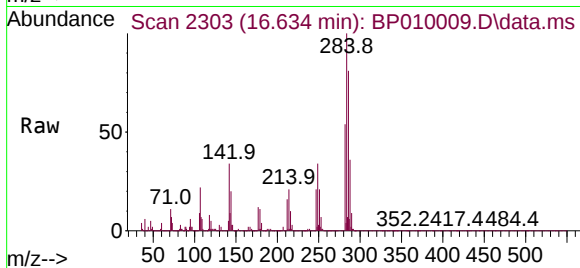
Tgt Ion:284 Resp: 121048

Ion Ratio Lower Upper

284 100

142 33.7 19.2 28.8#

249 33.8 27.4 41.2



#70

Atrazine

Concen: 9.395 ng/ul

RT: 16.781 min Scan# 2328

Delta R.T. 0.000 min

Lab File: BP010009.D

Acq: 21 Apr 2022 11:38

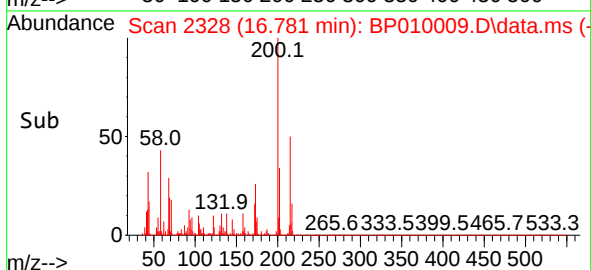
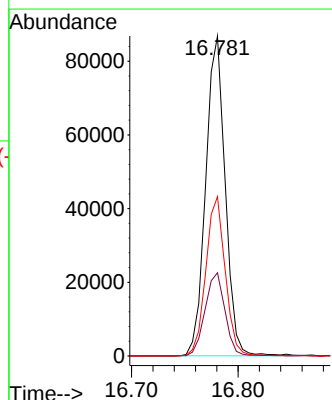
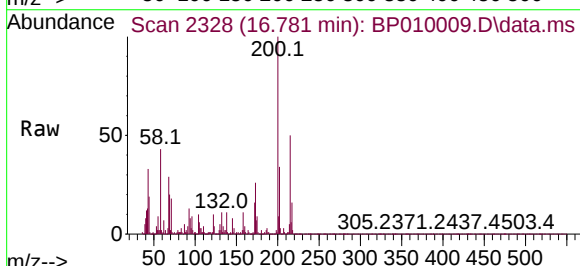
Tgt Ion:200 Resp: 110349

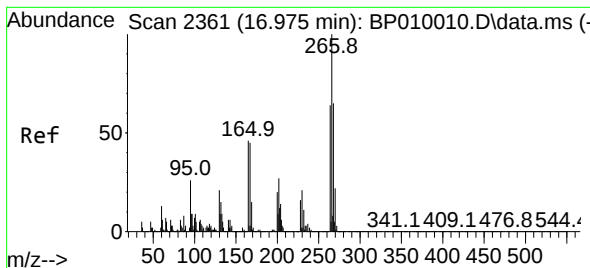
Ion Ratio Lower Upper

200 100

173 26.0 19.2 28.8

215 49.8 32.2 48.4#

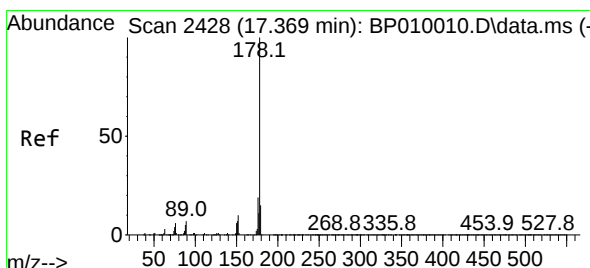
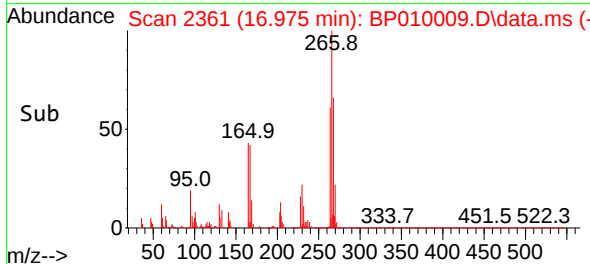
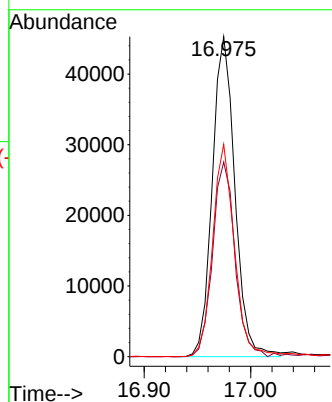
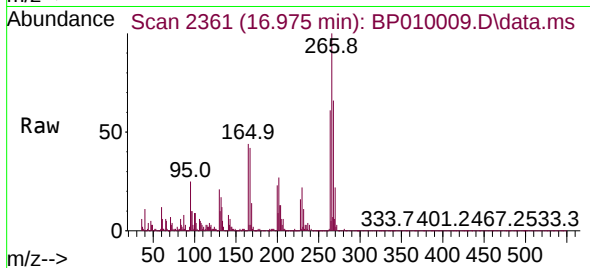




#71
 Pentachlorophenol
 Concen: 7.971 ng/ul
 RT: 16.975 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP010009.D
 Acq: 21 Apr 2022 11:38

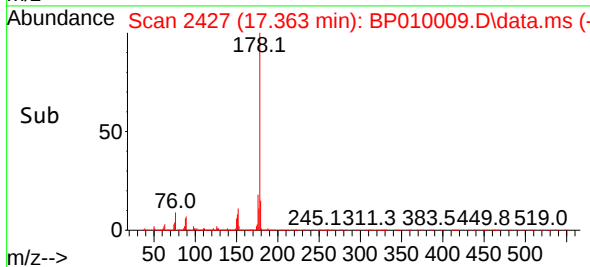
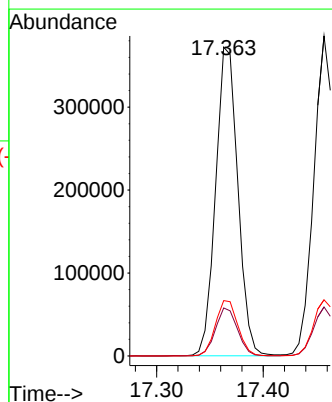
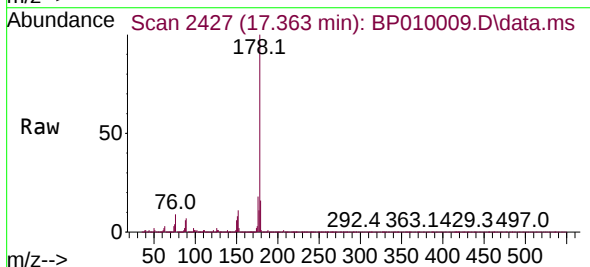
Instrument :
 BNA_P
 ClientSampleId :
 SST010624

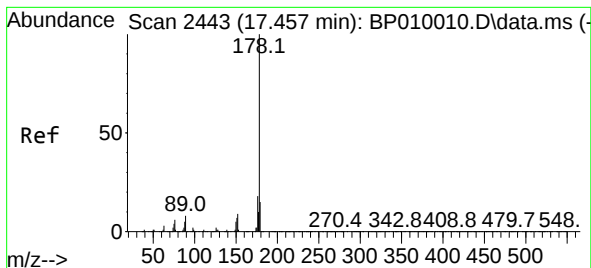
Tgt Ion:266 Resp: 66758
 Ion Ratio Lower Upper
 266 100
 264 60.8 57.3 85.9
 268 66.3 65.7 98.5



#72
 Phenanthrene
 Concen: 10.152 ng/ul
 RT: 17.363 min Scan# 2427
 Delta R.T. -0.006 min
 Lab File: BP010009.D
 Acq: 21 Apr 2022 11:38

Tgt Ion:178 Resp: 538669
 Ion Ratio Lower Upper
 178 100
 179 15.5 11.7 17.5
 176 17.9 14.5 21.7





#74

Anthracene

Concen: 10.126 ng/uI

RT: 17.457 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BP010009.D

Acq: 21 Apr 2022 11:38

Instrument :

BNA_P

ClientSampleId :

SSTD010624

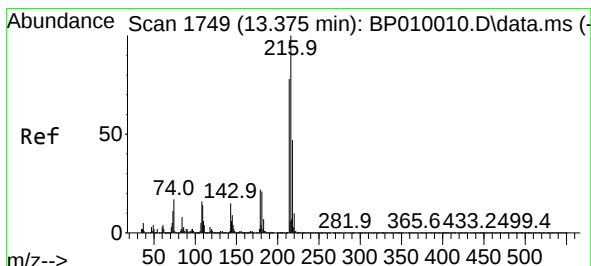
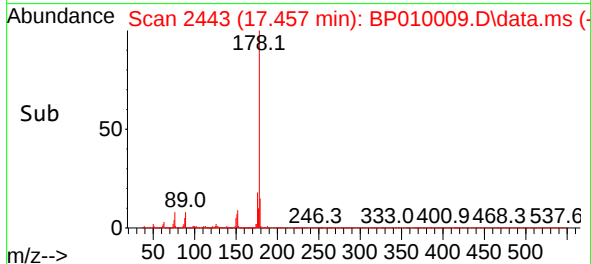
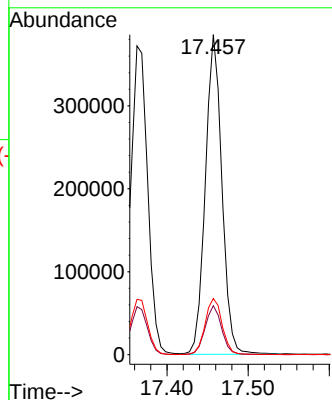
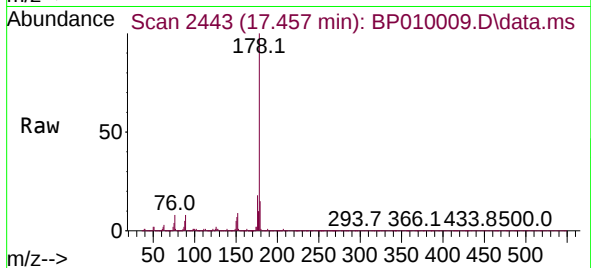
Tgt Ion:178 Resp: 544715

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 17.6 13.4 20.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 9.864 ng/uI

RT: 13.375 min Scan# 1749

Delta R.T. 0.000 min

Lab File: BP010009.D

Acq: 21 Apr 2022 11:38

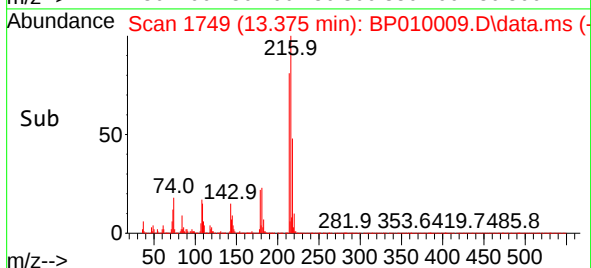
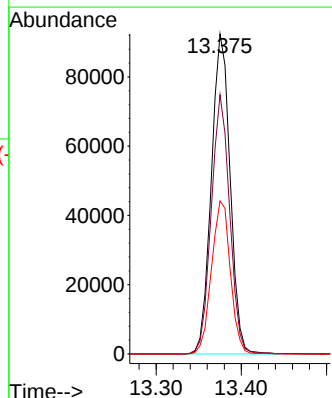
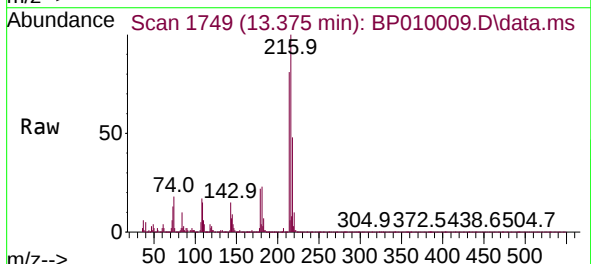
Tgt Ion:216 Resp: 141756

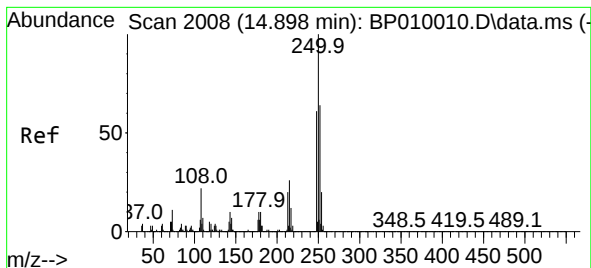
Ion Ratio Lower Upper

216 100

214 81.0 50.4 75.6#

218 47.8 35.2 52.8





#76

Pentachlorobenzene

Concen: 10.105 ng/uL

RT: 14.893 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BP010009.D

Acq: 21 Apr 2022 11:38

Instrument :

BNA_P

ClientSampleId :

SSTD010624

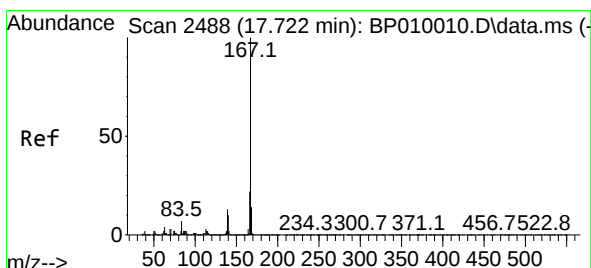
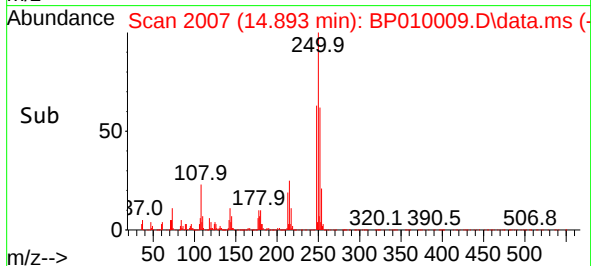
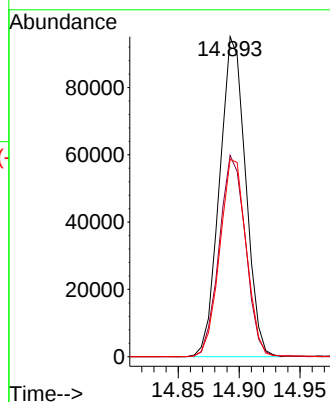
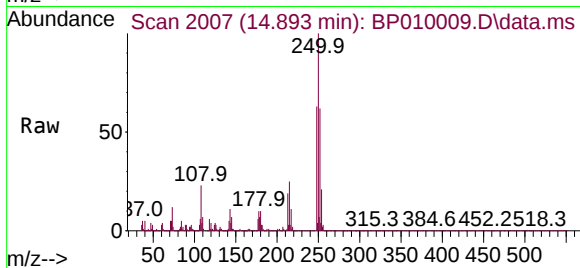
Tgt Ion:250 Resp: 141554

Ion Ratio Lower Upper

250 100

248 62.9 43.5 65.3

252 61.6 46.5 69.7



#77

Carbazole

Concen: 9.660 ng/uL

RT: 17.722 min Scan# 2488

Delta R.T. 0.000 min

Lab File: BP010009.D

Acq: 21 Apr 2022 11:38

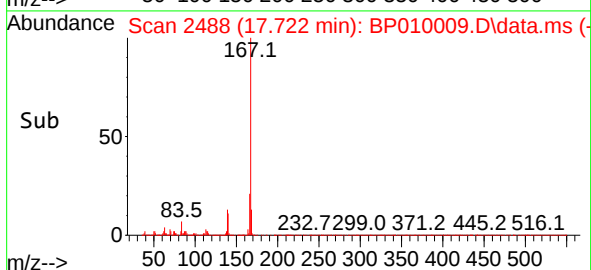
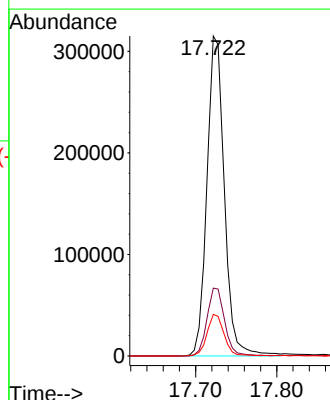
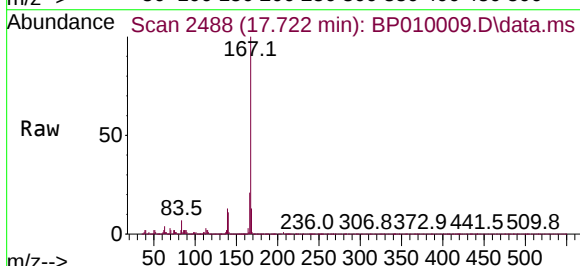
Tgt Ion:167 Resp: 469617

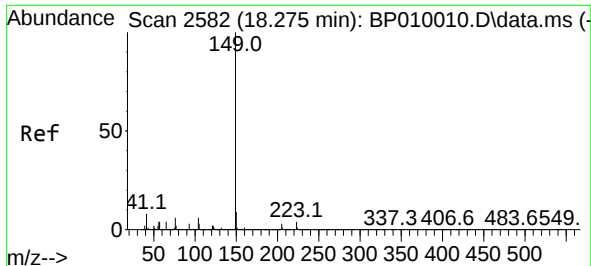
Ion Ratio Lower Upper

167 100

166 21.2 15.8 23.8

139 13.0 8.3 12.5

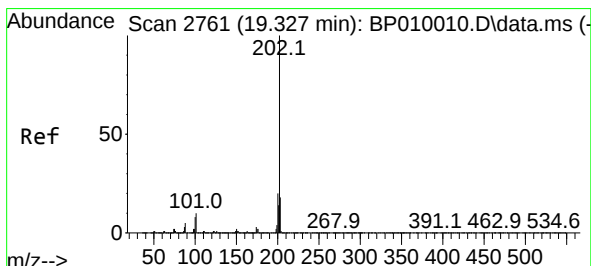
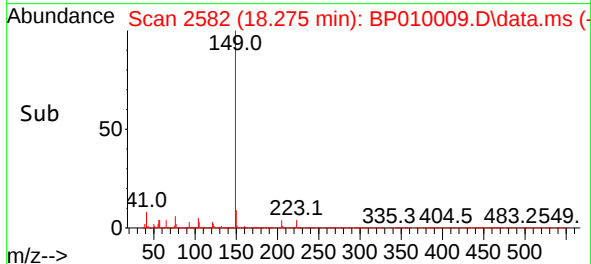
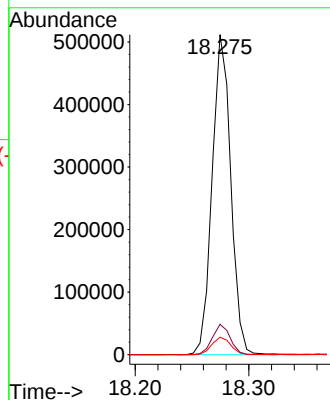
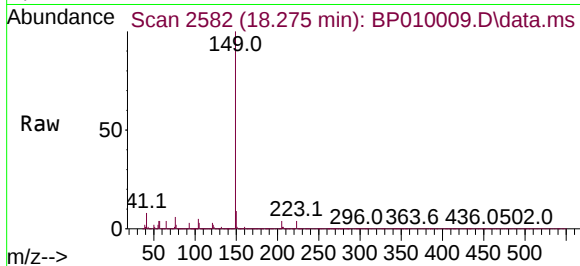




#78
Di-n-butylphthalate
Concen: 9.745 ng/ul
RT: 18.275 min Scan# 2582
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

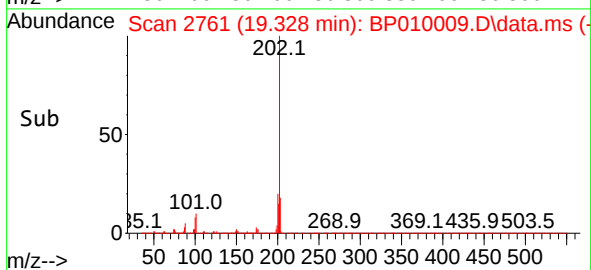
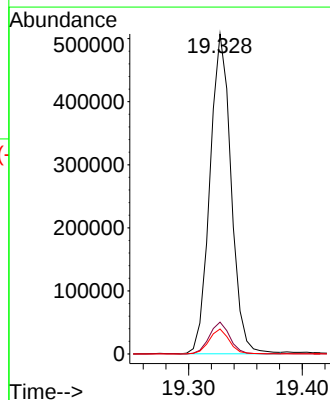
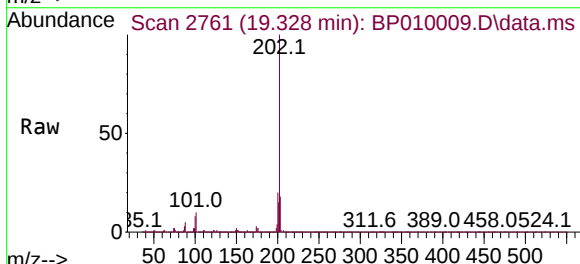
Instrument :
BNA_P
ClientSampleId :
SSTD010624

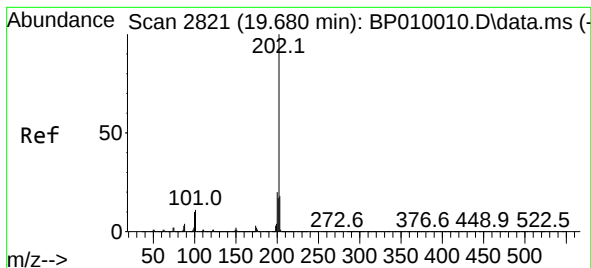
Tgt Ion:149 Resp: 582540
Ion Ratio Lower Upper
149 100
150 9.5 9.6 14.4#
104 5.4 6.2 9.4#



#80
Fluoranthene
Concen: 10.031 ng/ul
RT: 19.328 min Scan# 2761
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:202 Resp: 656592
Ion Ratio Lower Upper
202 100
101 10.0 9.6 14.4
100 7.8 6.3 9.5





#82

Pyrene

Concen: 10.302 ng/ul

RT: 19.680 min Scan# 2821

Delta R.T. 0.000 min

Lab File: BP010009.D

Acq: 21 Apr 2022 11:38

Instrument :

BNA_P

ClientSampleId :

SSTD010624

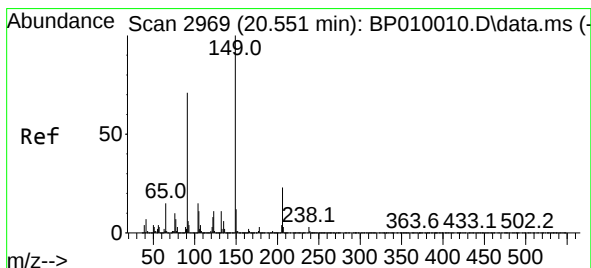
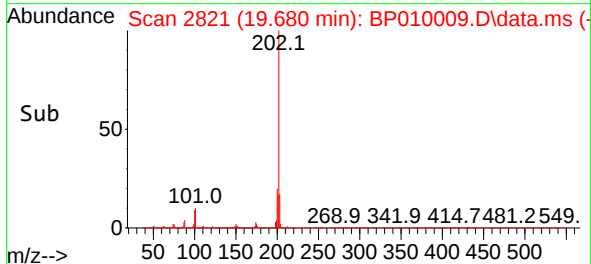
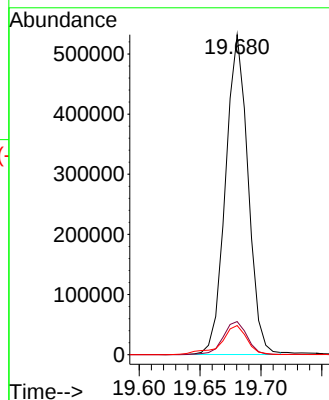
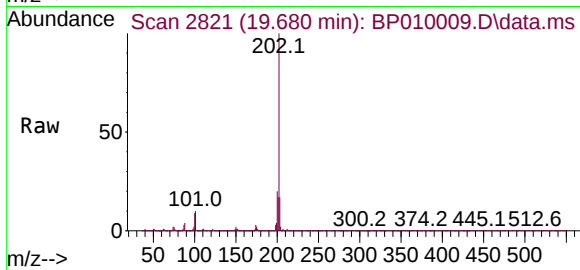
Tgt Ion:202 Resp: 683689

Ion Ratio Lower Upper

202 100

101 10.4 10.6 15.8#

100 9.1 9.8 14.6#



#83

Butylbenzylphthalate

Concen: 9.736 ng/ul

RT: 20.551 min Scan# 2969

Delta R.T. 0.000 min

Lab File: BP010009.D

Acq: 21 Apr 2022 11:38

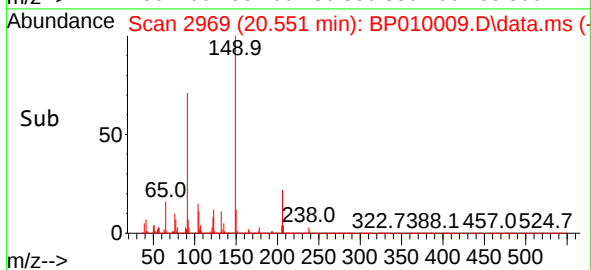
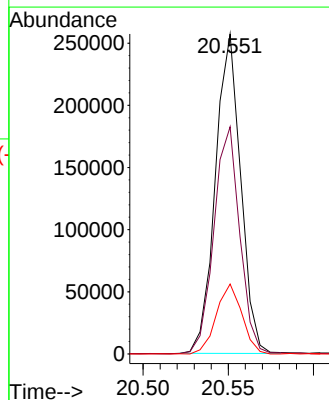
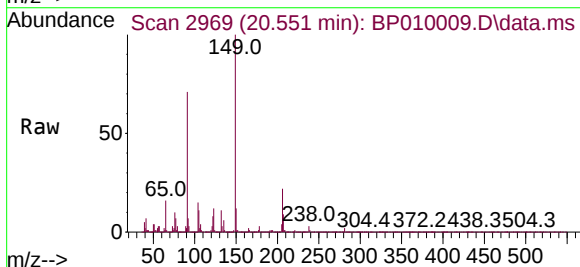
Tgt Ion:149 Resp: 265072

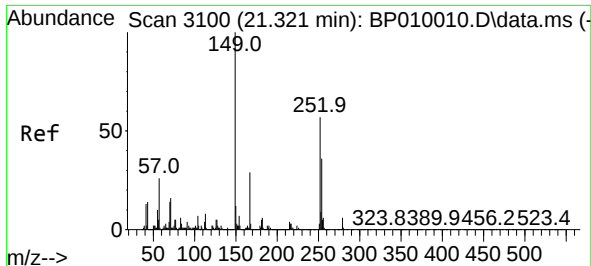
Ion Ratio Lower Upper

149 100

91 71.0 71.1 106.7#

206 21.8 28.8 43.2#

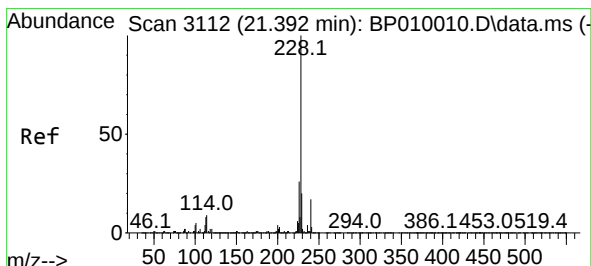
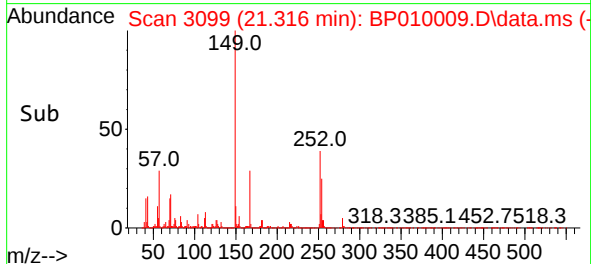
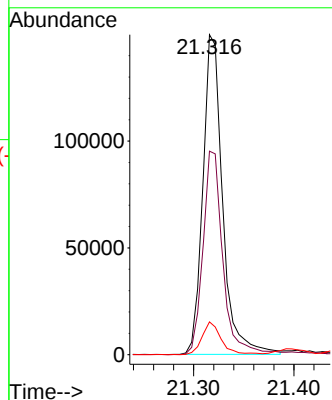
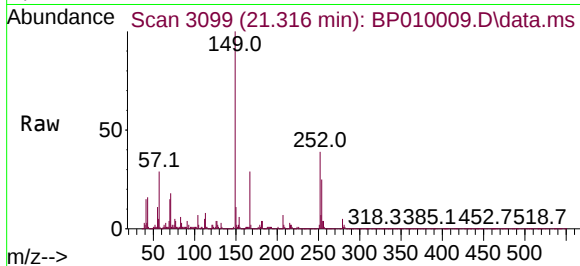




#84
3,3'-Dichlorobenzidine
Concen: 9.270 ng/ul
RT: 21.316 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

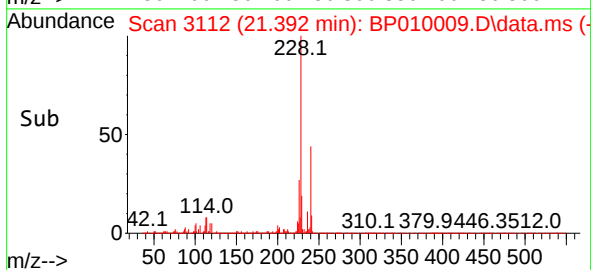
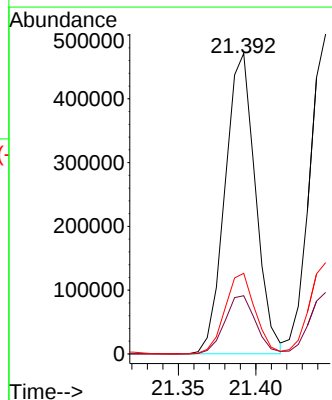
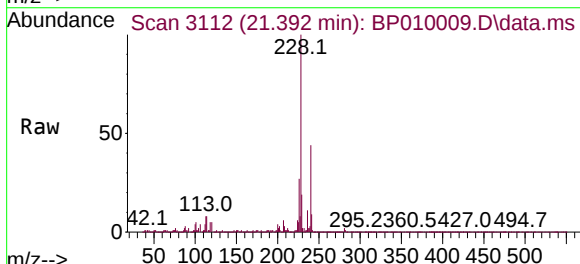
Instrument :
BNA_P
ClientSampleId :
SSTD010624

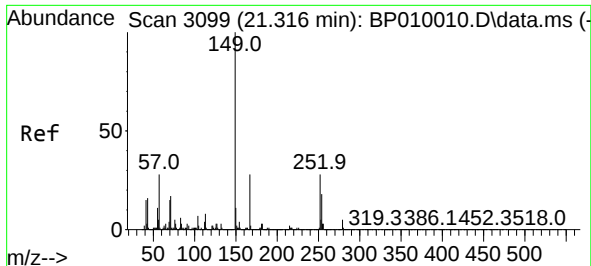
Tgt Ion:252 Resp: 205680
Ion Ratio Lower Upper
252 100
254 63.6 49.8 74.6
126 10.3 4.3 6.5#



#85
Benzo(a)anthracene
Concen: 9.729 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:228 Resp: 642199
Ion Ratio Lower Upper
228 100
229 19.4 18.2 27.2
226 26.8 22.8 34.2

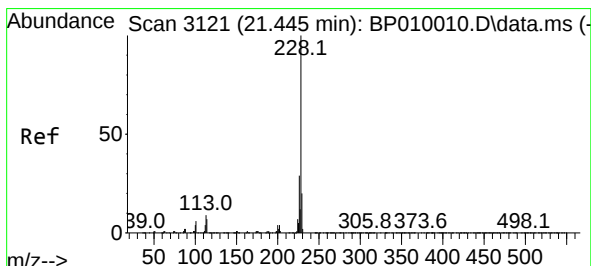
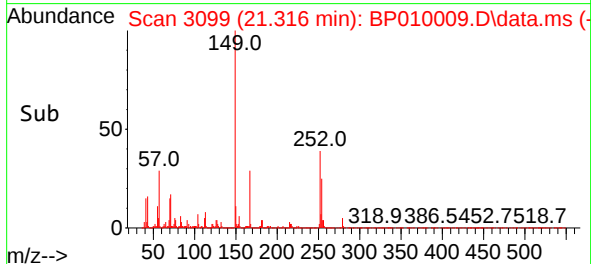
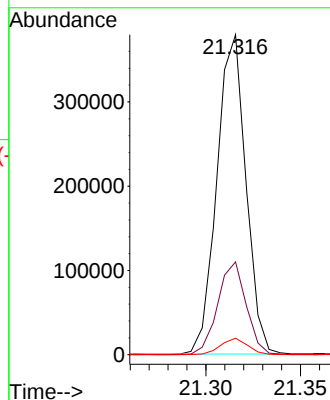
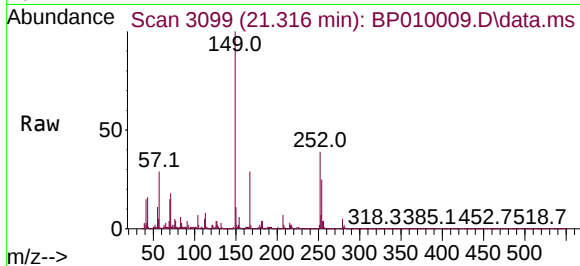




#86
Bis(2-ethylhexyl)phthalate
Concen: 9.879 ng/ul
RT: 21.316 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

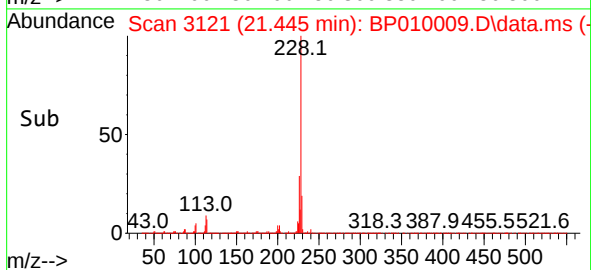
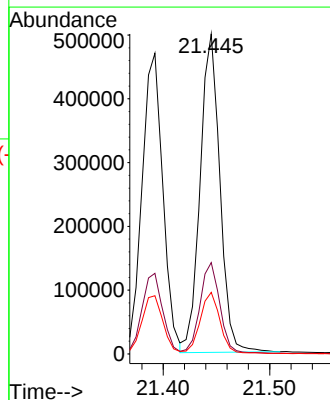
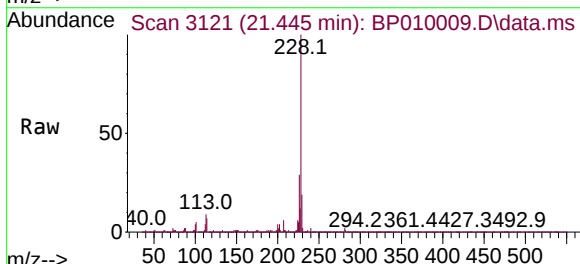
Instrument :
BNA_P
ClientSampleId :
SSTD010624

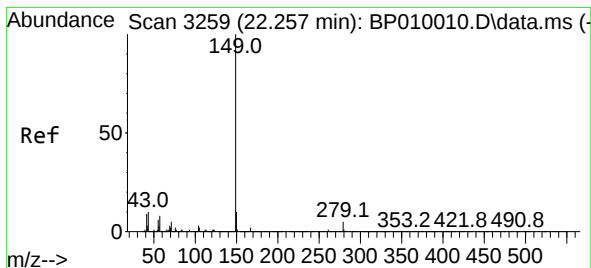
Tgt Ion:149 Resp: 404560
Ion Ratio Lower Upper
149 100
167 29.0 32.8 49.2#
279 5.1 5.6 8.4#



#87
Chrysene
Concen: 10.129 ng/ul
RT: 21.445 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:228 Resp: 645135
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 19.3 15.2 22.8





#89

Di-n-octyl phthalate

Concen: 10.607 ng/ul

RT: 22.257 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP010009.D

Acq: 21 Apr 2022 11:38

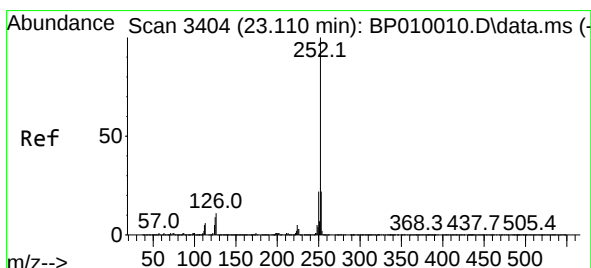
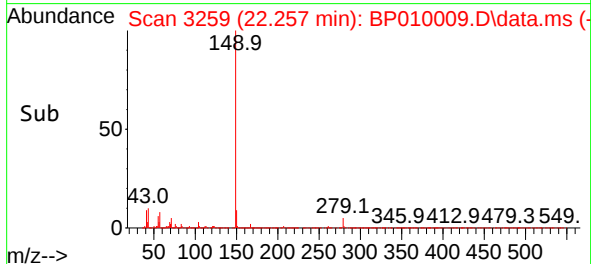
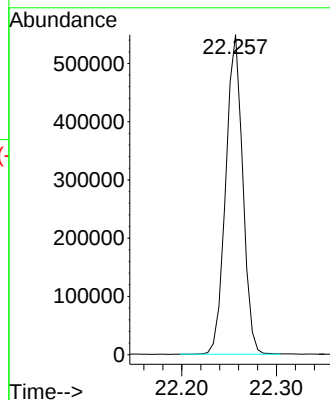
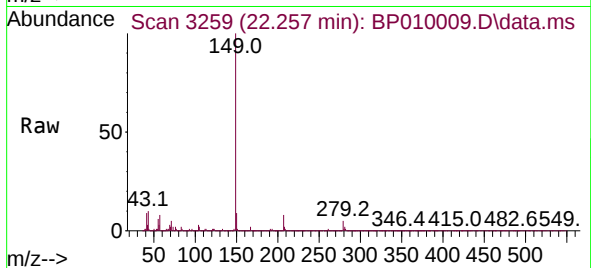
Instrument :

BNA_P

ClientSampleId :

SSTD010624

Tgt Ion:149 Resp: 684277



#90

Benzo(b)fluoranthene

Concen: 9.999 ng/ul

RT: 23.110 min Scan# 3404

Delta R.T. 0.000 min

Lab File: BP010009.D

Acq: 21 Apr 2022 11:38

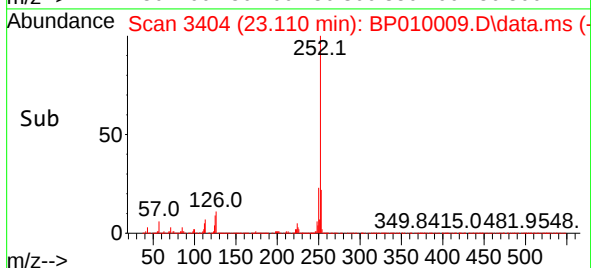
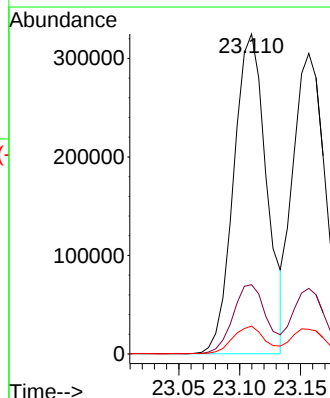
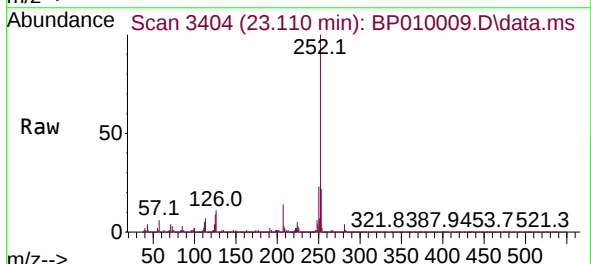
Tgt Ion:252 Resp: 611717

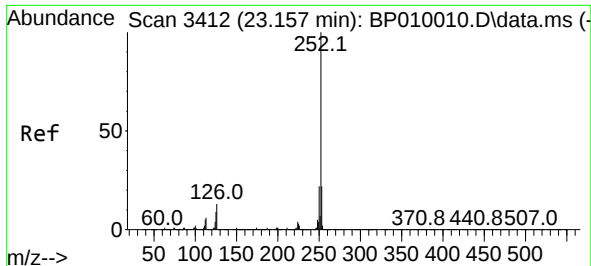
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 8.7 7.3 10.9

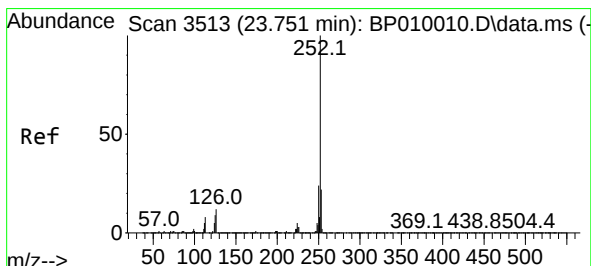
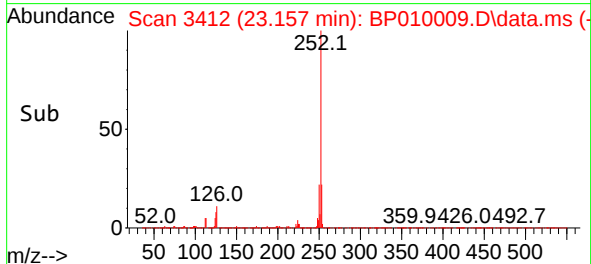
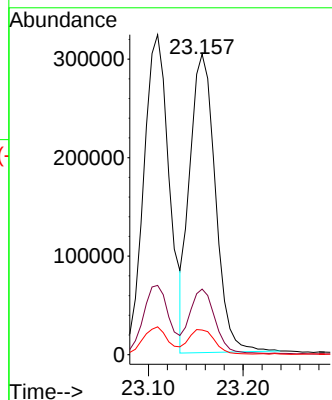
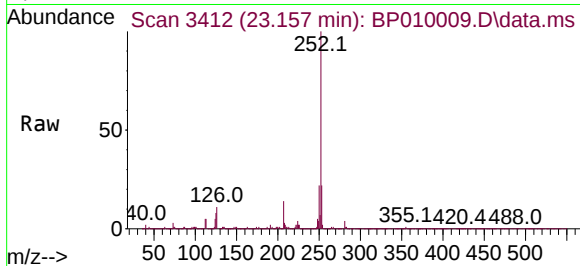




#91
Benzo(k)fluoranthene
Concen: 10.215 ng/ul
RT: 23.157 min Scan# 3412
Delta R.T. 0.000 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

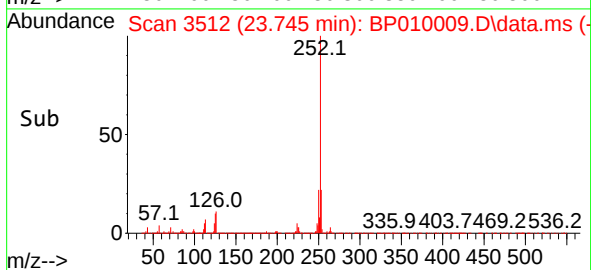
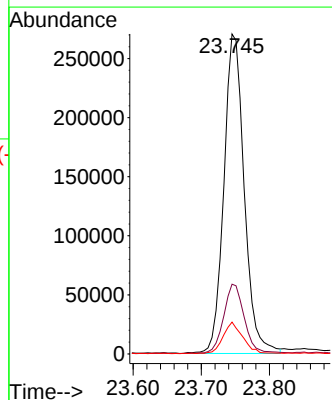
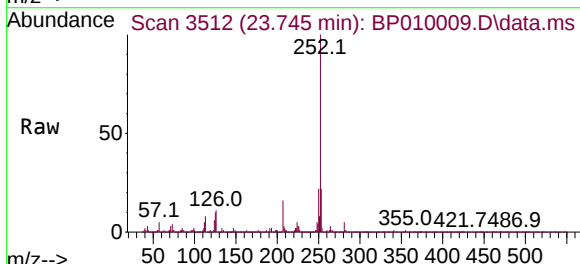
Instrument :
BNA_P
ClientSampleId :
SSTD010624

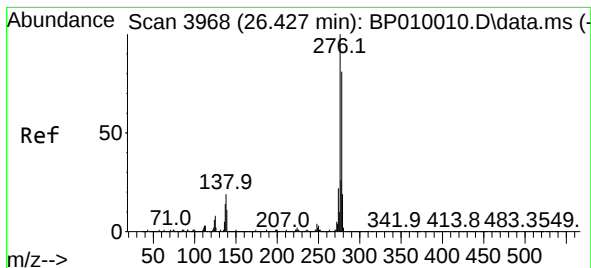
Tgt Ion:252 Resp: 570263
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 8.2 5.1 7.7#



#93
Benzo(a)pyrene
Concen: 9.917 ng/ul
RT: 23.745 min Scan# 3512
Delta R.T. -0.006 min
Lab File: BP010009.D
Acq: 21 Apr 2022 11:38

Tgt Ion:252 Resp: 562367
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.9 6.4 9.6#





#94

Indeno(1,2,3-cd)pyrene

Concen: 9.112 ng/ul

RT: 26.415 min Scan# 3966

Delta R.T. -0.012 min

Lab File: BP010009.D

Acq: 21 Apr 2022 11:38

Instrument :

BNA_P

ClientSampleId :

SSTD010624

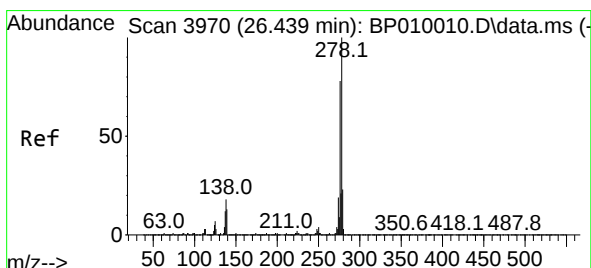
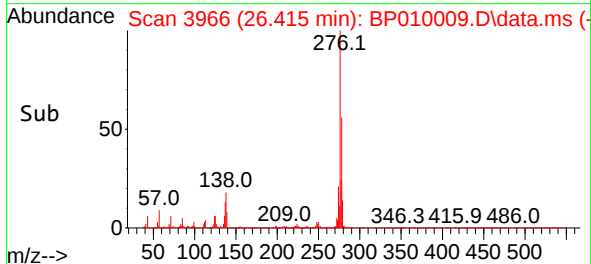
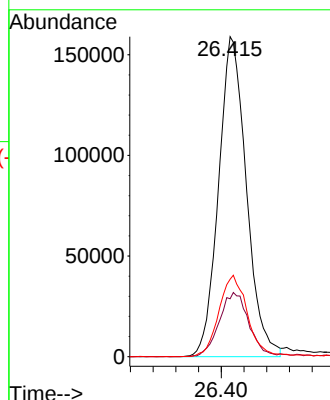
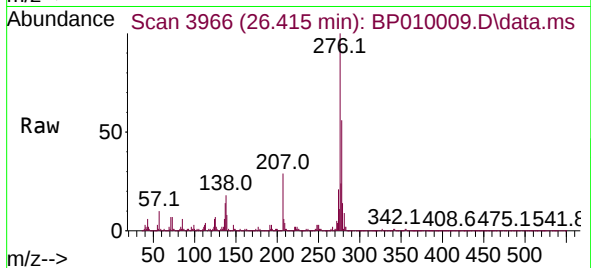
Tgt Ion:276 Resp: 540328

Ion Ratio Lower Upper

276 100

138 18.1 12.3 18.5

277 24.2 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 9.025 ng/ul

RT: 26.439 min Scan# 3970

Delta R.T. 0.000 min

Lab File: BP010009.D

Acq: 21 Apr 2022 11:38

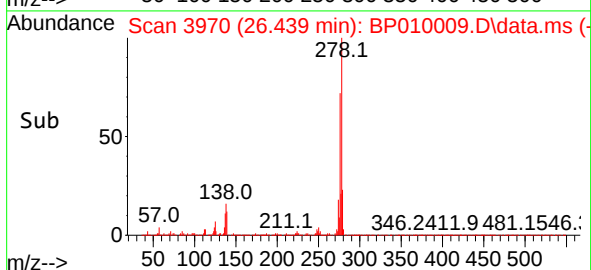
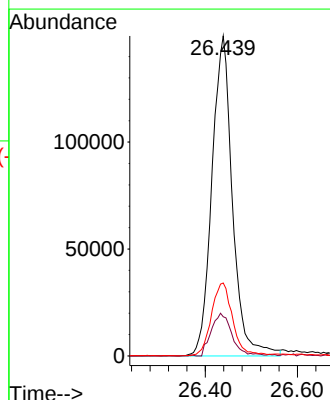
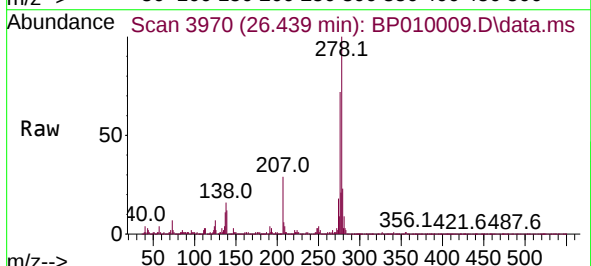
Tgt Ion:278 Resp: 464050

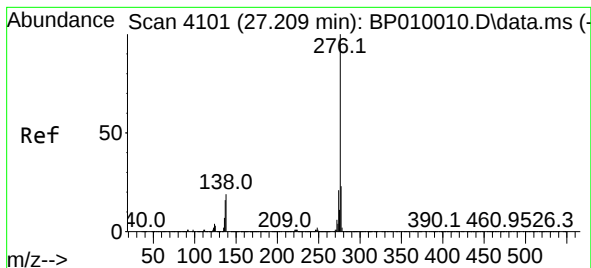
Ion Ratio Lower Upper

278 100

139 12.2 6.6 10.0#

279 22.8 18.4 27.6





#96

Benzo(g,h,i)perylene

Concen: 9.534 ng/ul

RT: 27.204 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP010009.D

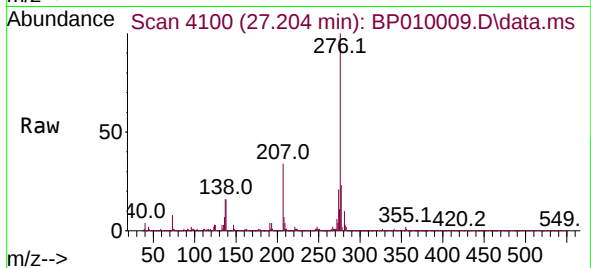
Acq: 21 Apr 2022 11:38

Instrument :

BNA_P

ClientSampleId :

SSTD010624



Tgt Ion:276 Resp: 466142

Ion Ratio Lower Upper

276 100

138 16.4 11.6 17.4

277 22.6 15.9 23.9

