

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071122\
 Data File : BP010959.D
 Acq On : 11 Jul 2022 20:59
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020697

Quant Time: Jul 12 01:06:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 23:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	531292	20.000	ng/ul	0.00
20) Naphthalene-d8	10.492	136	2167302	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	1083610	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1819889	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.227	240	1489267	20.000	ng/ul	#-0.01
88) Perylene-d12	23.580	264	1679555	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	107004	7.619	ng/uL	0.00
4) Pyridine-d5	3.604	84	683920	18.293	ng/ul	0.00
7) Phenol-d5	6.875	99	753691	17.921	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	504257	18.333	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	633573	18.157	ng/ul	0.00
15) 4-Methylphenol-d8	8.416	113	590667	17.766	ng/ul	0.00
21) Nitrobenzene-d5	8.857	128	278254	20.168	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	252446	22.116	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	491206	17.416	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	766197	16.642	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1213903	16.354	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	1576197	16.638	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	187497	16.172	ng/ul	-0.01
60) Fluorene-d10	15.351	176	1042683	16.369	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.474	200	116880	19.385	ng/ul	0.00
73) Anthracene-d10	17.216	188	1384275	17.096	ng/ul	0.00
81) Pyrene-d10	19.462	212	1355078	16.701	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.427	264	1401143	16.882	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	110369	7.369	ng/uL#	90
5) Pyridine	3.628	79	696693	18.396	ng/ul#	74
6) Benzaldehyde	6.845	77	468892	21.130	ng/ul	97
8) Phenol	6.898	94	813524	18.086	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.134	93	660620	18.286	ng/ul	89
12) 2-Chlorophenol	7.263	128	665773	18.484	ng/ul	92
13) 2-Methylphenol	8.145	108	587918	17.556	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.234	45	903720	18.644	ng/ul#	98
16) Acetophenone	8.522	105	924130	18.099	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.516	70	445529	17.257	ng/ul	91
18) 4-Methylphenol	8.475	108	625548	17.937	ng/ul	98
19) Hexachloroethane	8.769	117	257082	17.624	ng/ul#	78
22) Nitrobenzene	8.898	77	675671	19.624	ng/ul	93
23) Isophorone	9.428	82	1145277	15.862	ng/ul#	98
25) 2-Nitrophenol	9.610	139	298319	21.582	ng/ul#	84
26) 2,4-Dimethylphenol	9.675	107	658409	17.434	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.916	93	792307	17.395	ng/ul	98
29) 2,4-Dichlorophenol	10.139	162	509852	17.397	ng/ul	100
30) Naphthalene	10.539	128	1974759	17.482	ng/ul	100
32) 4-Chloroaniline	10.657	127	759174	16.644	ng/ul	99
33) Hexachlorobutadiene	10.828	225	313287	16.732	ng/ul	95
34) Caprolactam	11.445	113	127060	13.801	ng/ul	88
35) 4-Chloro-3-methylphenol	11.792	107	523613	16.485	ng/ul	93
36) 2-Methylnaphthalene	12.163	142	1217083	16.639	ng/ul	99

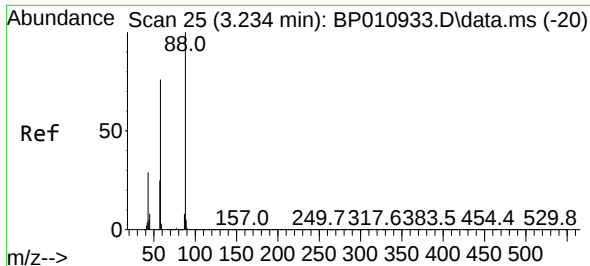
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.380	142	1217496	16.754	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.528	216	546420	17.548	ng/ul#	98
40) Hexachlorocyclopentadiene	12.510	237	307028	15.560	ng/ul	96
41) 2,4,6-Trichlorophenol	12.775	196	323089	17.997	ng/ul	100
42) 2,4,5-Trichlorophenol	12.845	196	350612	18.199	ng/ul	100
43) 1,1'-Biphenyl	13.180	154	1504686	17.639	ng/ul#	97
44) 2-Chloronaphthalene	13.222	162	1130632	17.594	ng/ul	97
45) 2-Nitroaniline	13.433	65	279997	20.536	ng/ul#	83
47) Dimethylphthalate	13.822	163	1224814	16.477	ng/ul	98
48) 2,6-Dinitrotoluene	13.939	165	213877	19.203	ng/ul	96
50) Acenaphthylene	14.075	152	1787417	17.228	ng/ul	98
51) 3-Nitroaniline	14.269	138	234552	17.566	ng/ul	90
52) Acenaphthene	14.416	153	1150264	17.182	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	76587	17.911	ng/ul	86
55) 4-Nitrophenol	14.580	109	154982	16.811	ng/ul#	79
56) Dibenzofuran	14.757	168	1568474	17.104	ng/ul	97
57) 2,4-Dinitrotoluene	14.727	165	288084	19.357	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.980	232	236228	17.123	ng/ul#	87
59) Diethylphthalate	15.192	149	1151699	15.584	ng/ul	98
61) Fluorene	15.410	166	1207772	16.518	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.410	204	556569	16.260	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.486	198	122271	18.766	ng/ul	96
67) N-Nitrosodiphenylamine	15.627	169	985012	17.870	ng/ul	98
68) 4-Bromophenyl-phenylether	16.310	248	305491	16.749	ng/ul	98
69) Hexachlorobenzene	16.410	284	342620	16.218	ng/ul#	93
70) Atrazine	16.592	200	280030	15.323	ng/ul	98
71) Pentachlorophenol	16.763	266	160934	14.795	ng/ul	96
72) Phenanthrene	17.157	178	1698257	17.523	ng/ul	99
74) Anthracene	17.251	178	1694056	17.380	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.139	216	556134	18.519	ng/uL	96
76) Pentachlorobenzene	14.669	250	469161	18.215	ng/uL	99
77) Carbazole	17.527	167	1499607	17.091	ng/ul	99
78) Di-n-butylphthalate	18.098	149	1500343	14.350	ng/ul	99
80) Fluoranthene	19.139	202	1670102	16.737	ng/ul#	88
82) Pyrene	19.492	202	1725381	17.121	ng/ul#	84
83) Butylbenzylphthalate	20.386	149	542887	15.305	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.151	252	488592	15.888	ng/ul#	96
85) Benzo(a)anthracene	21.215	228	1567035	16.824	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.156	149	744653	13.257	ng/ul#	98
87) Chrysene	21.262	228	1547400	17.337	ng/ul	99
89) Di-n-octyl phthalate	22.068	149	1251208	12.551	ng/ul	100
90) Benzo(b)fluoranthene	22.862	252	1703801	16.313	ng/ul#	96
91) Benzo(k)fluoranthene	22.909	252	1658535	16.706	ng/ul#	95
93) Benzo(a)pyrene	23.474	252	1741007	17.135	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.021	276	2194709	17.901	ng/ul#	88
95) Dibenzo(a,h)anthracene	26.039	278	1881723	17.893	ng/ul#	92
96) Benzo(g,h,i)perylene	26.768	276	1894195	18.163	ng/ul#	89

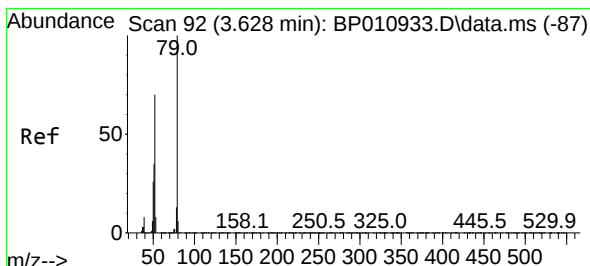
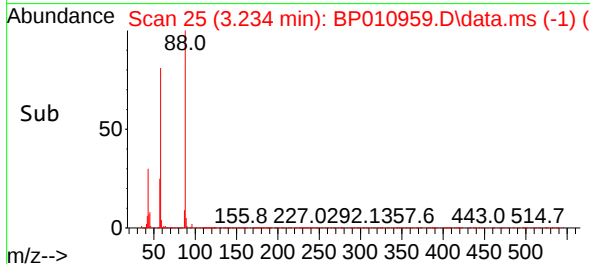
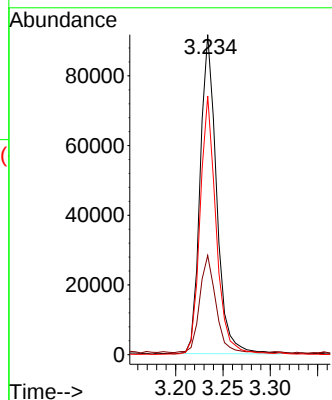
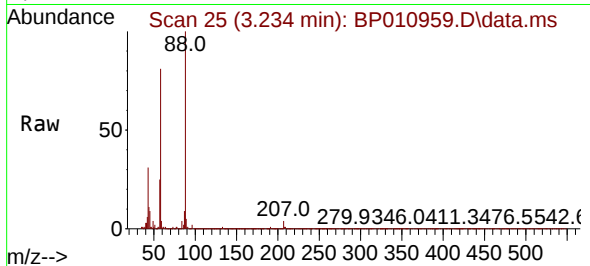
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#2
1,4-Dioxane
Concen: 7.369 ng/uL
RT: 3.234 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP010959.D
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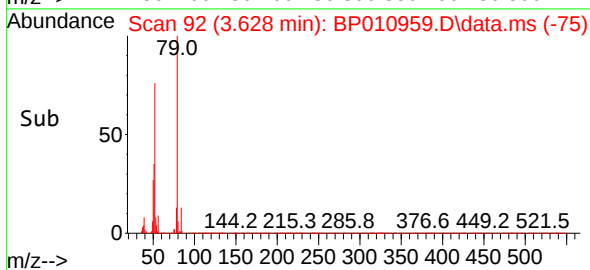
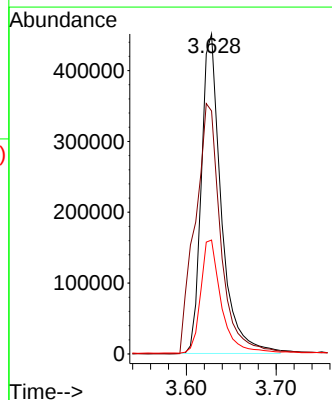
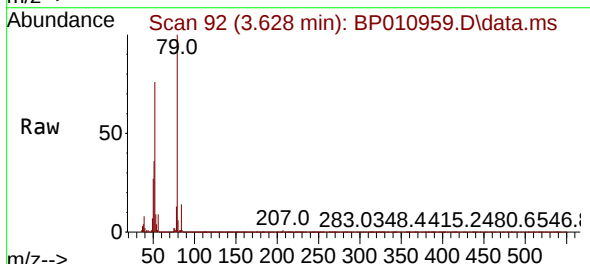
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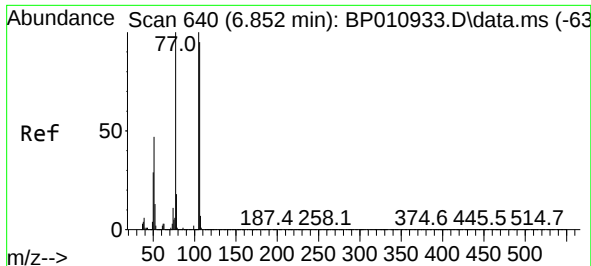
Tgt Ion: 88 Resp: 110369
Ion Ratio Lower Upper
88 100
43 31.0 35.8 53.6#
58 80.8 68.1 102.1



#5
Pyridine
Concen: 18.396 ng/uL
RT: 3.628 min Scan# 92
Delta R.T. -0.000 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion: 79 Resp: 696693
Ion Ratio Lower Upper
79 100
52 76.0 83.8 125.8#
51 35.6 41.0 61.4#

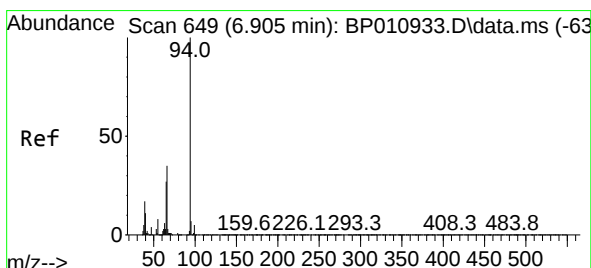
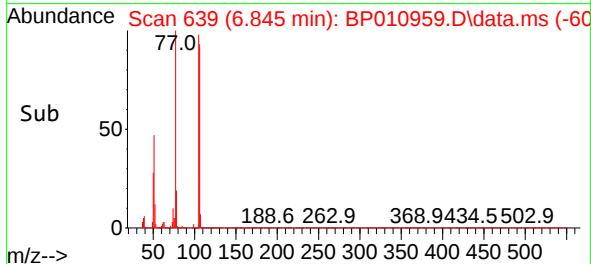
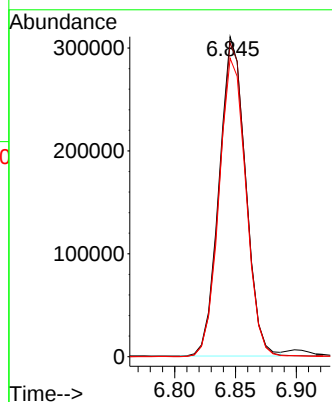
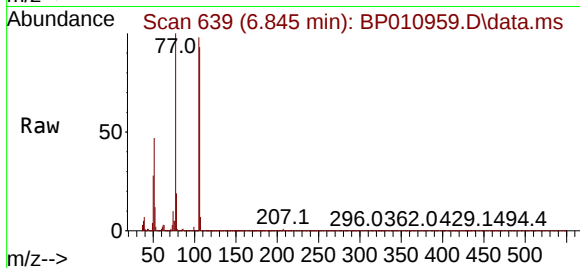




#6
Benzaldehyde
Concen: 21.130 ng/ul
RT: 6.845 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

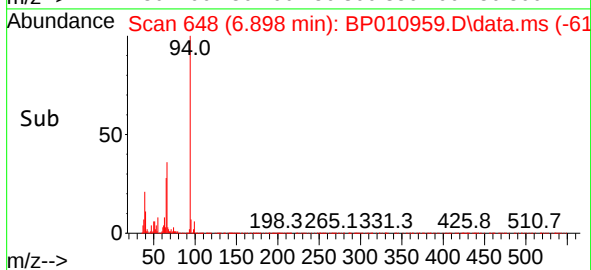
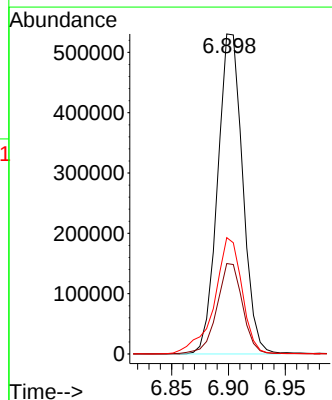
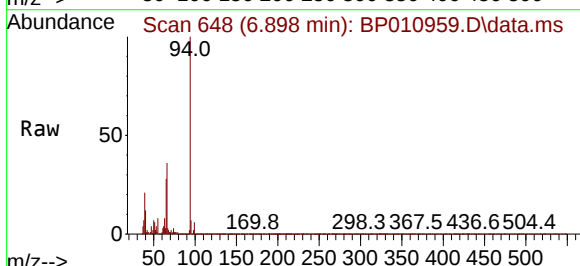
Instrument :
BNA_P
ClientSampleId :
SSTD020697

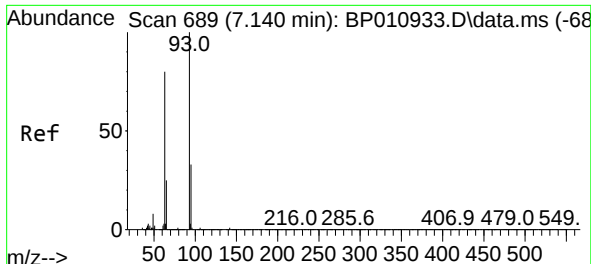
Tgt Ion: 77 Resp: 468892
Ion Ratio Lower Upper
77 100
105 98.1 76.0 114.0
106 93.3 73.2 109.8



#8
Phenol
Concen: 18.086 ng/ul
RT: 6.898 min Scan# 648
Delta R.T. -0.012 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion: 94 Resp: 813524
Ion Ratio Lower Upper
94 100
65 28.3 27.4 41.2
66 36.4 37.4 56.2#

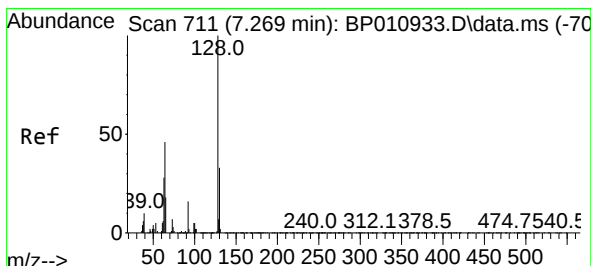
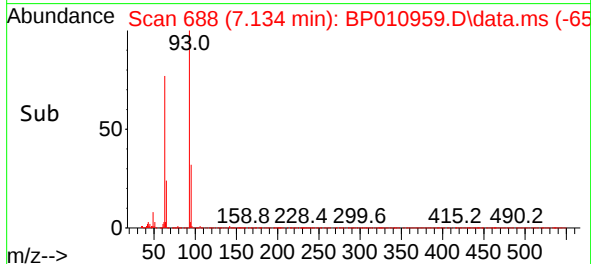
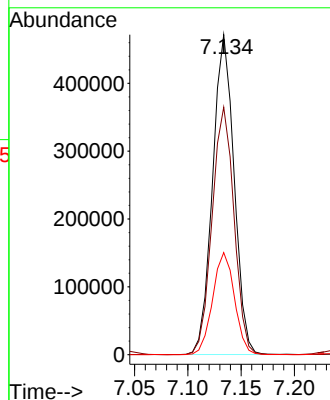
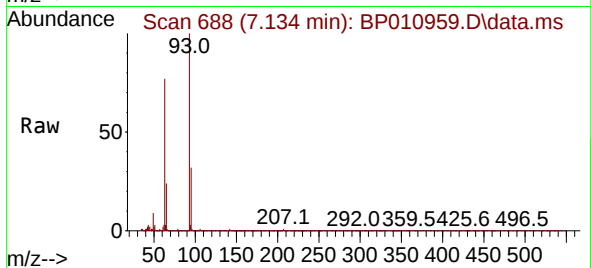




#10
Bis(2-Chloroethyl)ether
Concen: 18.286 ng/ul
RT: 7.134 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

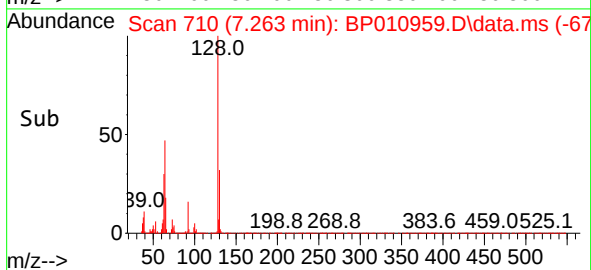
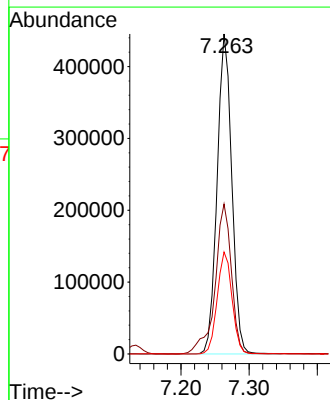
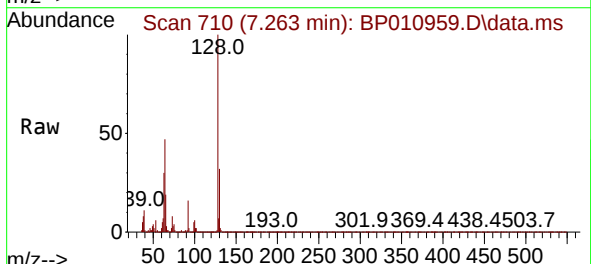
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ClientSampleId :
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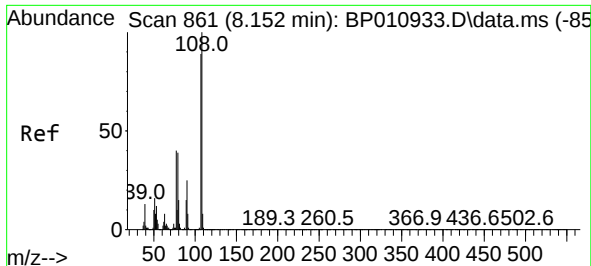
Tgt Ion: 93 Resp: 660620
Ion Ratio Lower Upper
93 100
63 77.4 72.4 108.6
95 31.9 27.3 40.9



#12
2-Chlorophenol
Concen: 18.484 ng/ul
RT: 7.263 min Scan# 710
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion: 128 Resp: 665773
Ion Ratio Lower Upper
128 100
64 46.8 44.8 67.2
130 31.8 25.8 38.6

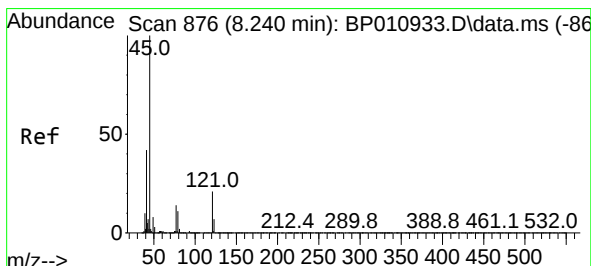
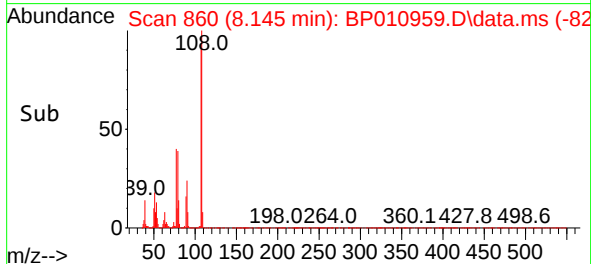
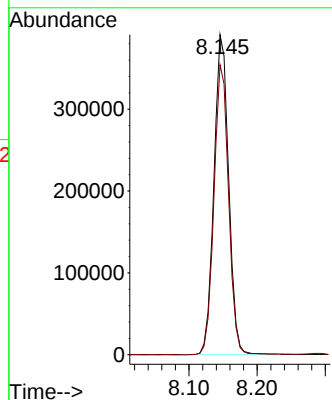
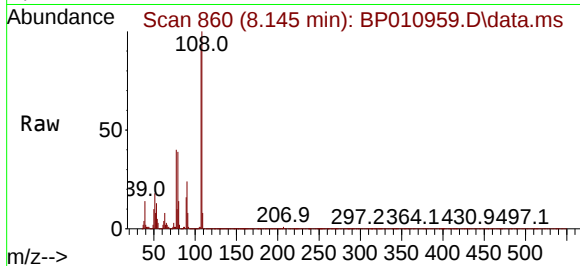




#13
2-Methylphenol
Concen: 17.556 ng/ul
RT: 8.145 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

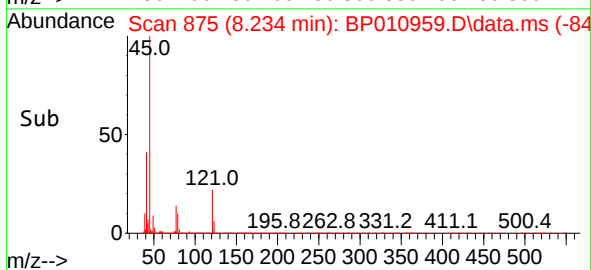
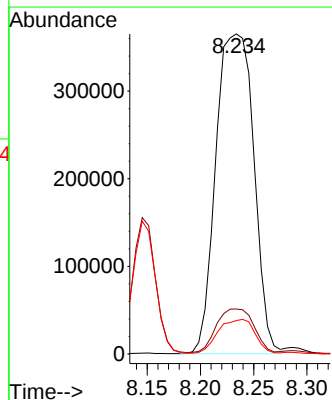
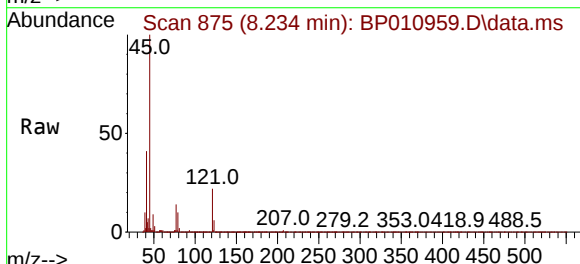
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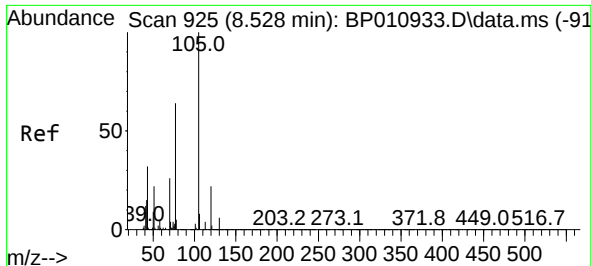
Tgt Ion:108 Resp: 587918
Ion Ratio Lower Upper
108 100
107 90.6 71.4 107.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.644 ng/ul
RT: 8.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion: 45 Resp: 903720
Ion Ratio Lower Upper
45 100
77 14.1 11.2 16.8
79 10.4 6.9 10.3#

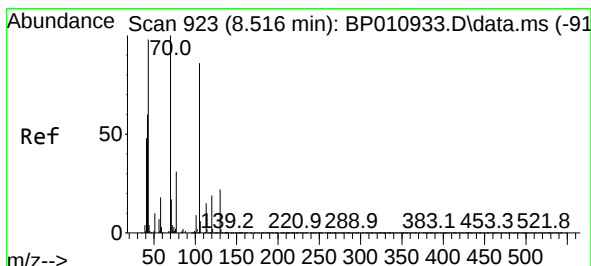
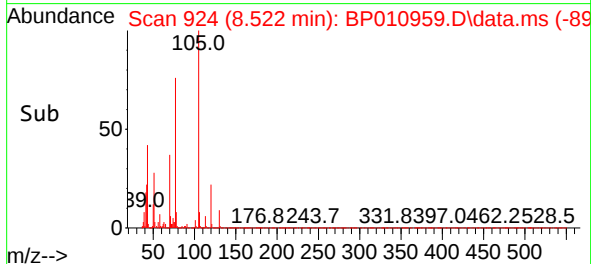
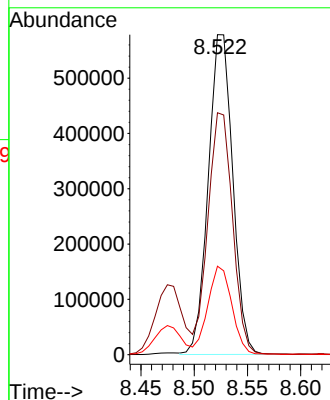
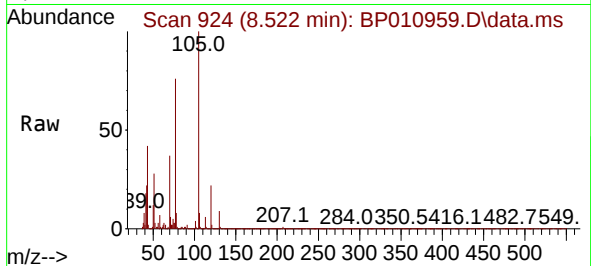




#16
Acetophenone
Concen: 18.099 ng/ul
RT: 8.522 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

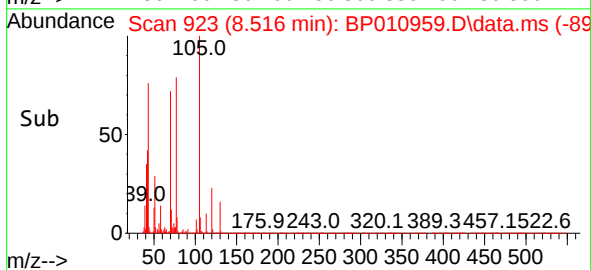
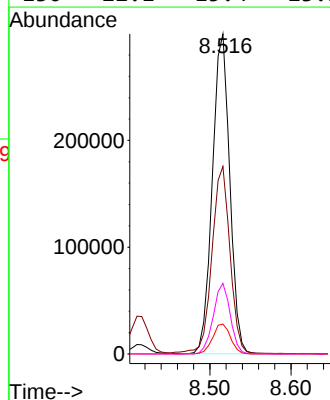
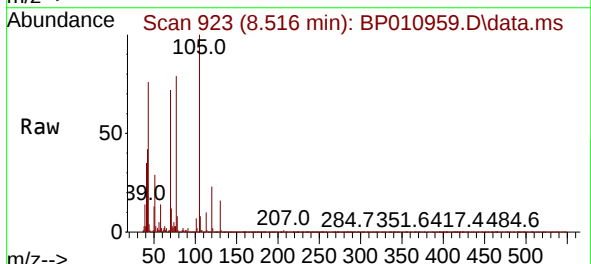
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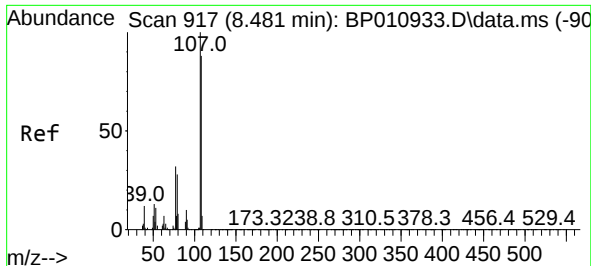
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Ion Ratio Lower Upper
105 100
77 75.6 67.5 101.3
51 27.7 29.6 44.4#



#17
N-Nitroso-di-n-propylamine
Concen: 17.257 ng/ul
RT: 8.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion: 70 Resp: 445529
Ion Ratio Lower Upper
70 100
42 58.6 53.8 80.8
101 9.3 7.8 11.6
130 22.1 15.4 23.2

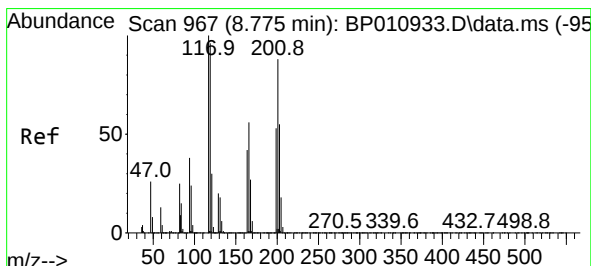
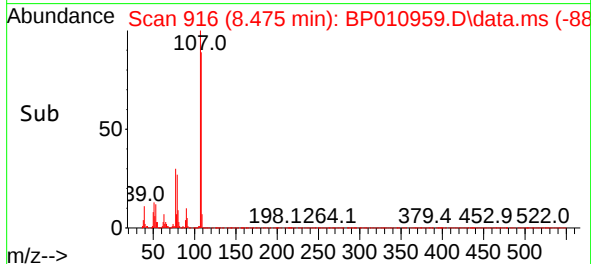
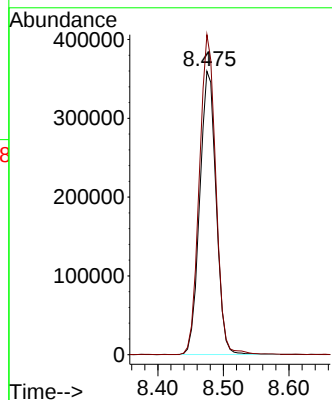
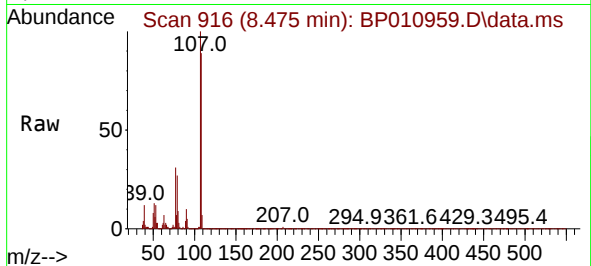




#18
4-Methylphenol
Concen: 17.937 ng/ul
RT: 8.475 min Scan# 917
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

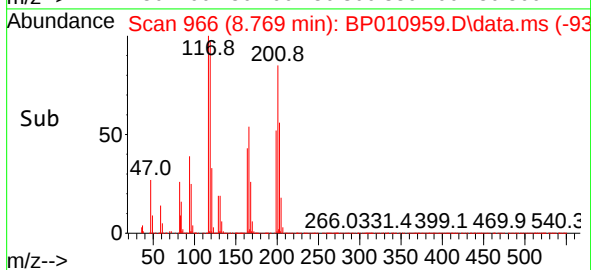
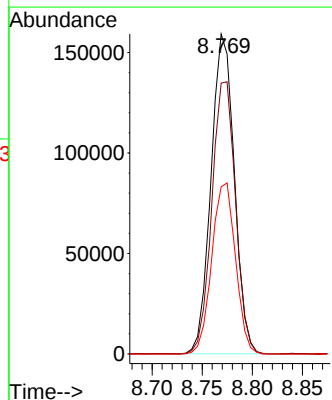
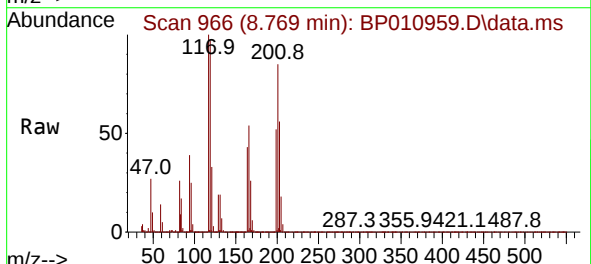
Instrument :
BNA_P
ClientSampleId :
SSTD020697

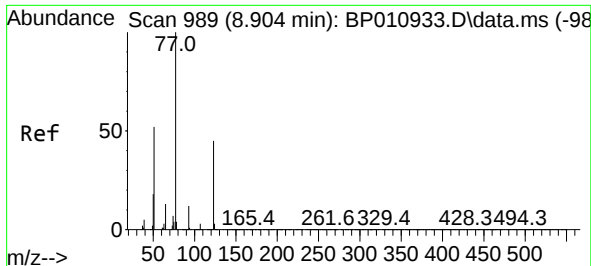
Tgt Ion:108 Resp: 625548
Ion Ratio Lower Upper
108 100
107 112.9 88.3 132.5



#19
Hexachloroethane
Concen: 17.624 ng/ul
RT: 8.769 min Scan# 966
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:117 Resp: 257082
Ion Ratio Lower Upper
117 100
201 84.6 85.7 128.5#
199 52.3 57.4 86.0#

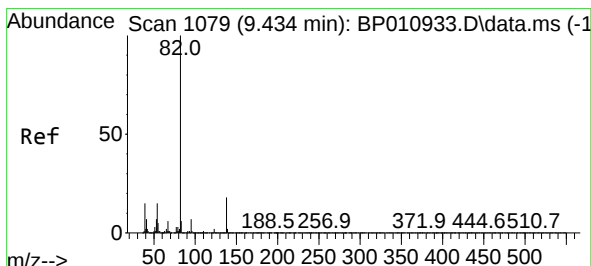
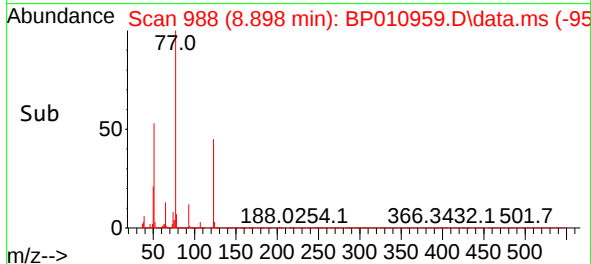
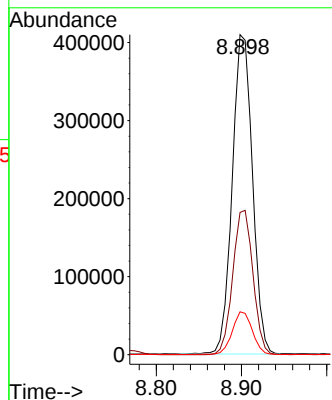
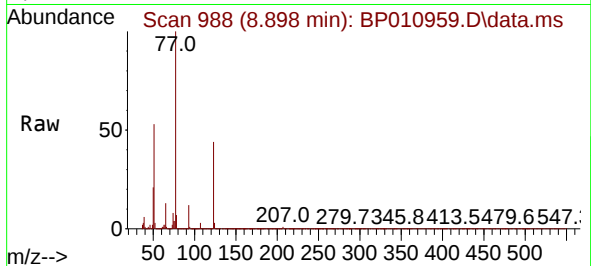




#22
Nitrobenzene
Concen: 19.624 ng/ul
RT: 8.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

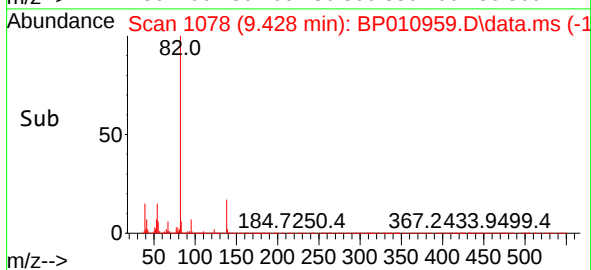
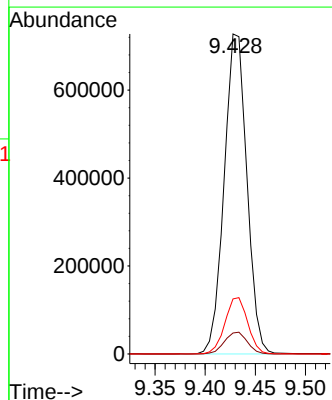
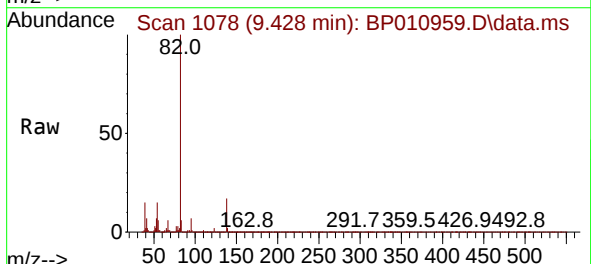
Instrument :
BNA_P
ClientSampleId :
SSTD020697

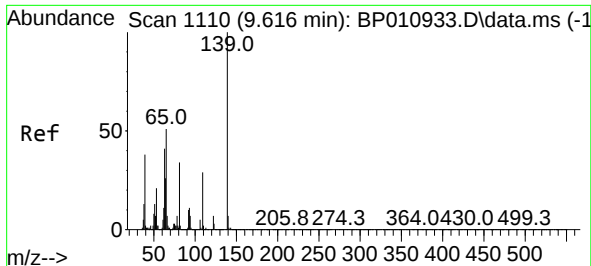
Tgt Ion: 77 Resp: 675671
Ion Ratio Lower Upper
77 100
123 44.4 31.5 47.3
65 13.4 11.4 17.2



#23
Isophorone
Concen: 15.862 ng/ul
RT: 9.428 min Scan# 1078
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion: 82 Resp: 1145277
Ion Ratio Lower Upper
82 100
95 6.5 6.6 10.0#
138 17.2 13.8 20.6

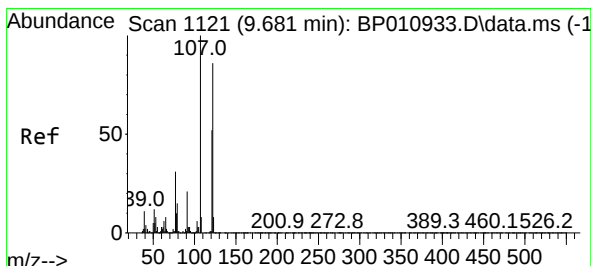
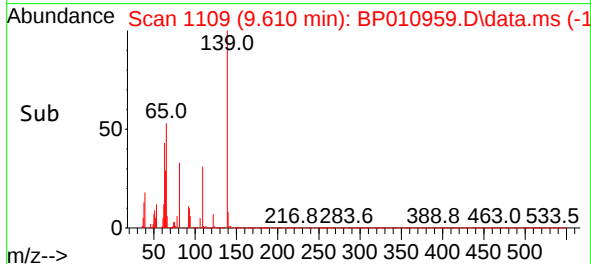
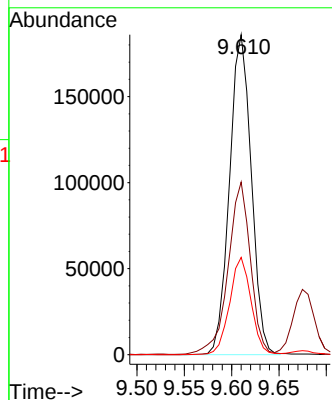
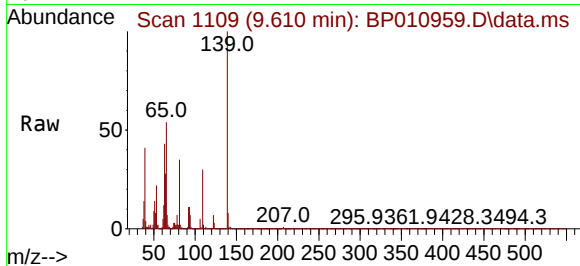




#25
2-Nitrophenol
Concen: 21.582 ng/ul
RT: 9.610 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

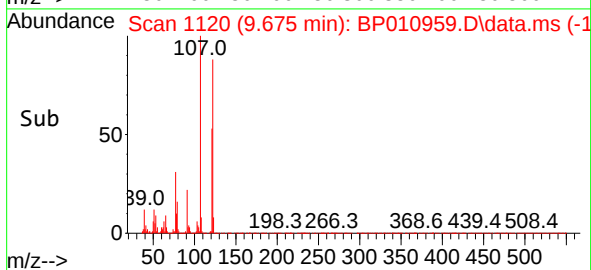
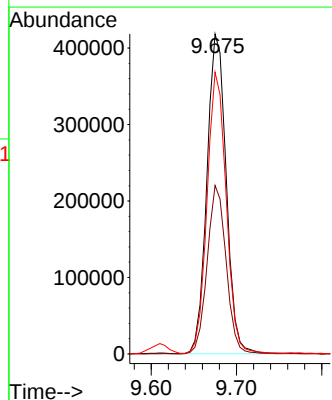
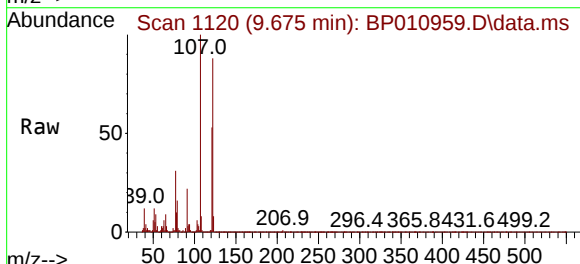
Instrument :
BNA_P
ClientSampleId :
SSTD020697

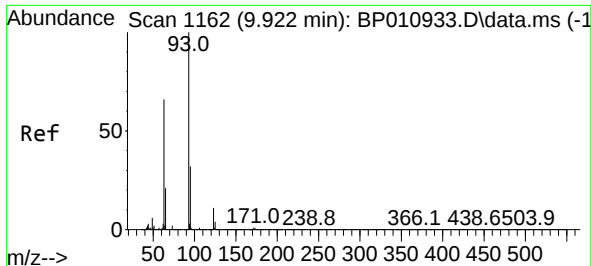
Tgt Ion:139 Resp: 298319
Ion Ratio Lower Upper
139 100
65 54.0 54.2 81.4#
109 30.4 30.6 45.8#



#26
2,4-Dimethylphenol
Concen: 17.434 ng/ul
RT: 9.675 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:107 Resp: 658409
Ion Ratio Lower Upper
107 100
121 52.7 39.1 58.7
122 88.1 66.1 99.1

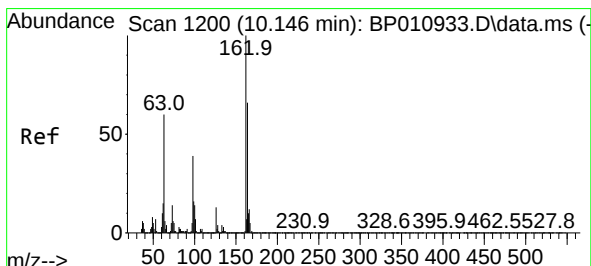
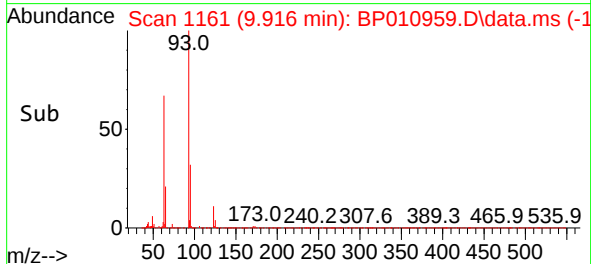
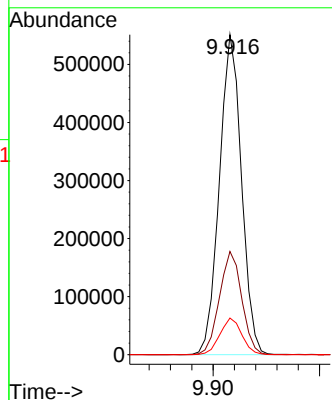
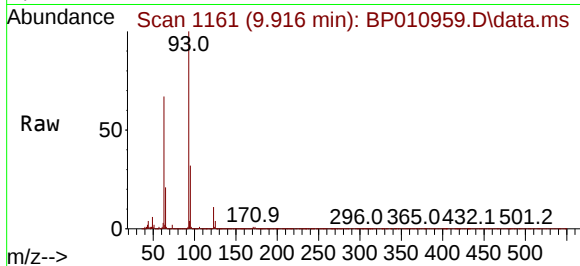




#27
 Bis(2-Chloroethoxy)methane
 Concen: 17.395 ng/ul
 RT: 9.916 min Scan# 1161
 Delta R.T. -0.006 min
 Lab File: BP010959.D
 Acq: 11 Jul 2022 20:59

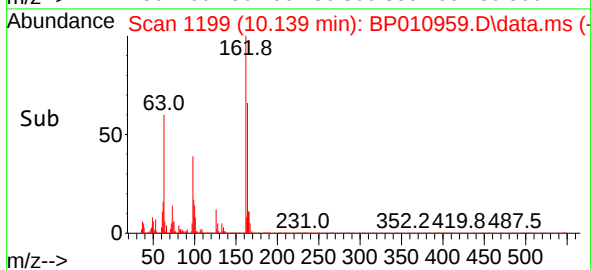
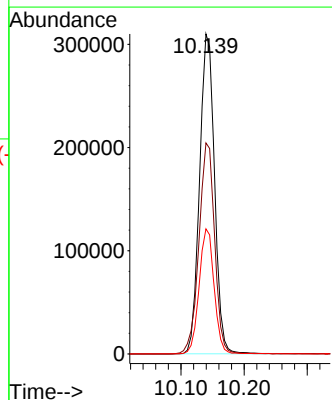
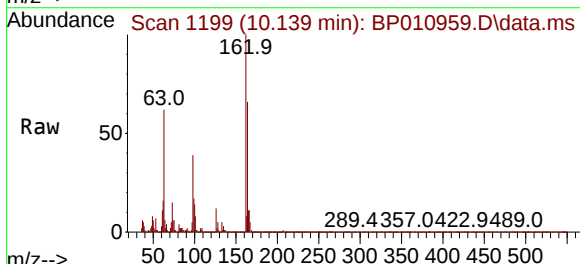
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020697

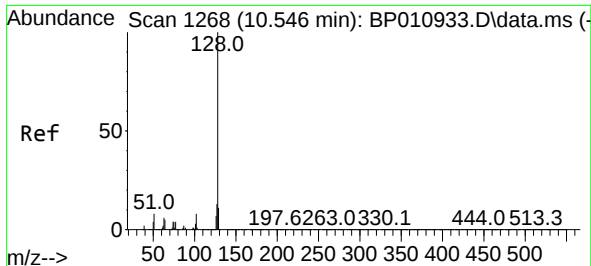
Tgt Ion:	93	Resp:	792307
Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.6	39.8
123	11.5	7.8	11.8



#29
 2,4-Dichlorophenol
 Concen: 17.397 ng/ul
 RT: 10.139 min Scan# 1199
 Delta R.T. -0.006 min
 Lab File: BP010959.D
 Acq: 11 Jul 2022 20:59

Tgt Ion:	162	Resp:	509852
Ion	Ratio	Lower	Upper
162	100		
164	66.0	52.5	78.7
98	39.1	31.4	47.0

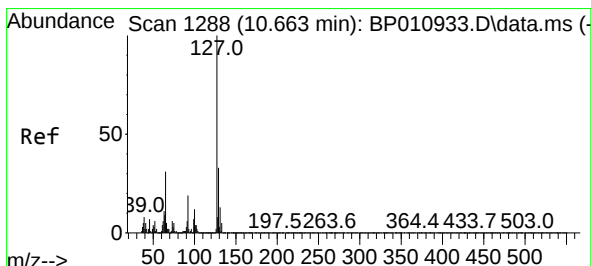
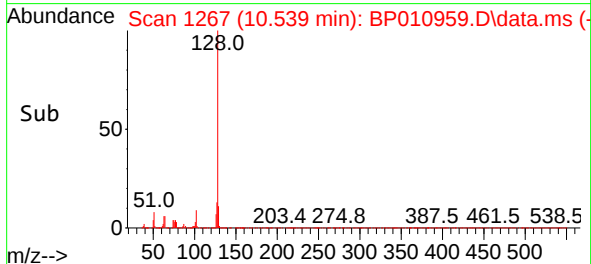
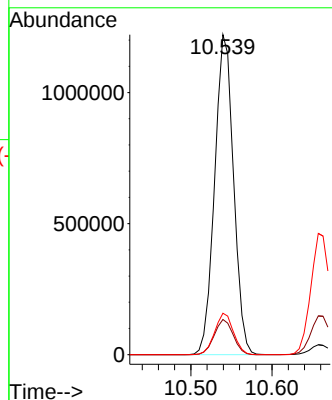
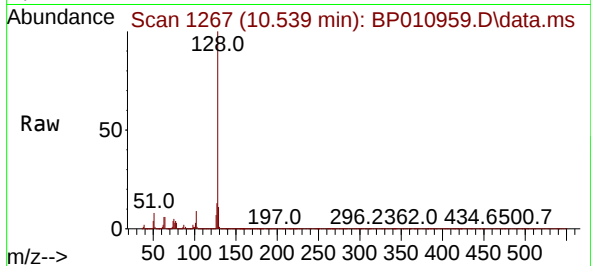




#30
Naphthalene
Concen: 17.482 ng/ul
RT: 10.539 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

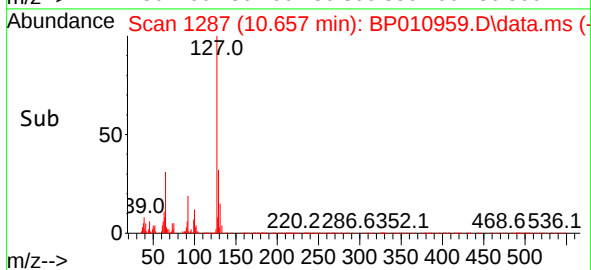
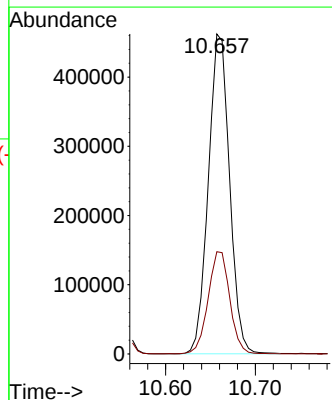
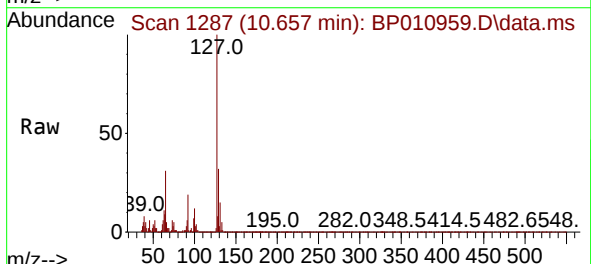
Instrument :
BNA_P
ClientSampleId :
SSTD020697

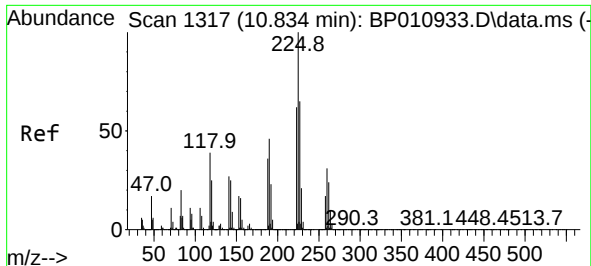
Tgt Ion:128 Resp: 1974759
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.2 15.4



#32
4-Chloroaniline
Concen: 16.644 ng/ul
RT: 10.657 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:127 Resp: 759174
Ion Ratio Lower Upper
127 100
129 32.0 26.2 39.2

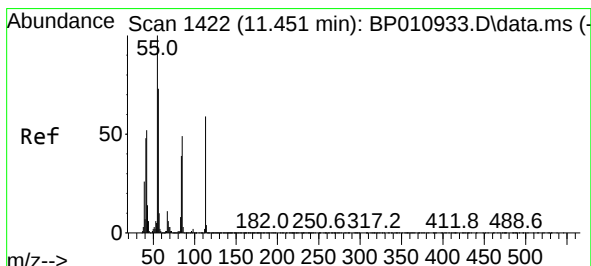
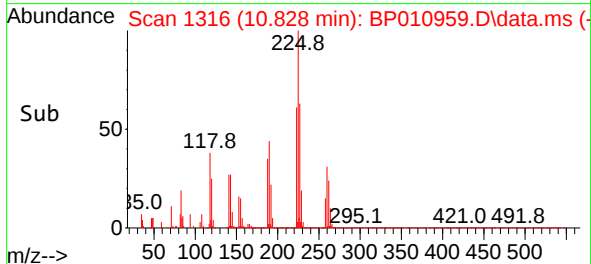
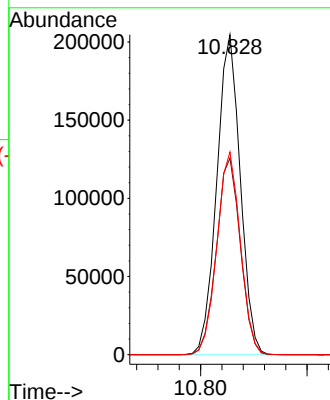
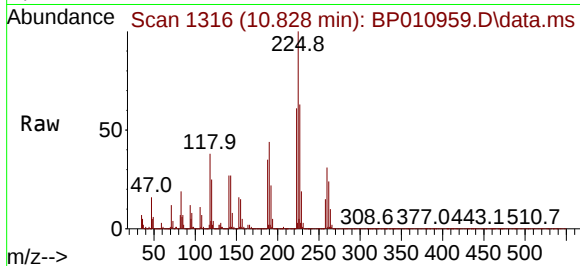




#33
Hexachlorobutadiene
Concen: 16.732 ng/ul
RT: 10.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

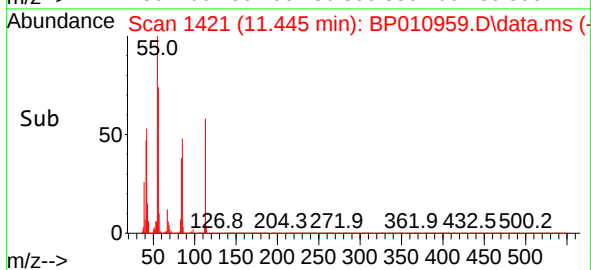
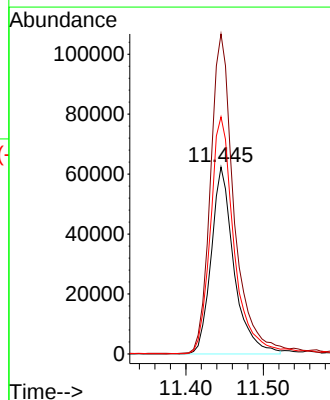
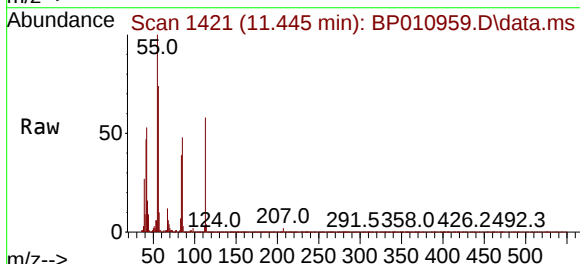
Instrument :
BNA_P
ClientSampleId :
SSTD020697

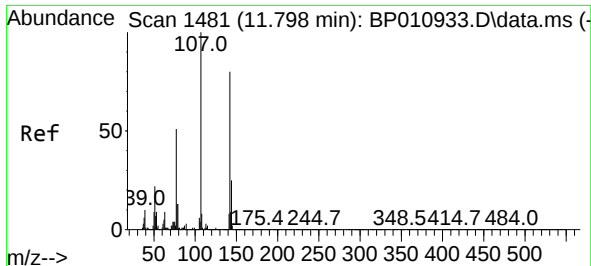
Tgt Ion:225 Resp: 313287
Ion Ratio Lower Upper
225 100
223 61.5 53.7 80.5
227 63.3 49.4 74.2



#34
Caprolactam
Concen: 13.801 ng/ul
RT: 11.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:113 Resp: 127060
Ion Ratio Lower Upper
113 100
55 171.3 153.8 230.8
56 126.9 110.2 165.4

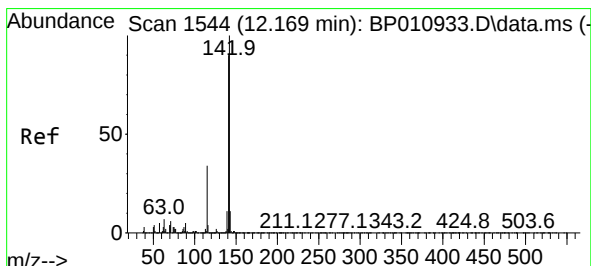
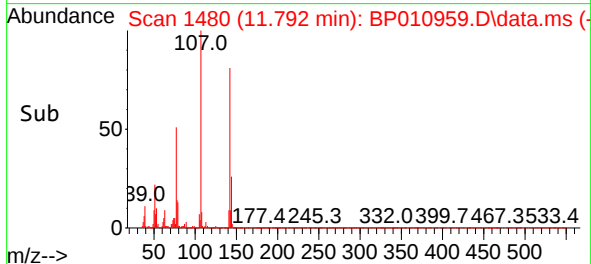
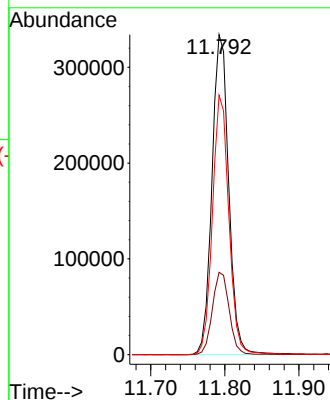
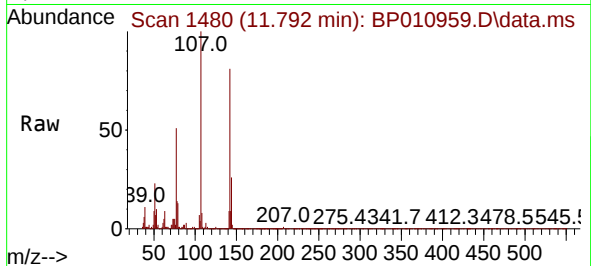




#35
4-Chloro-3-methylphenol
Concen: 16.485 ng/ul
RT: 11.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

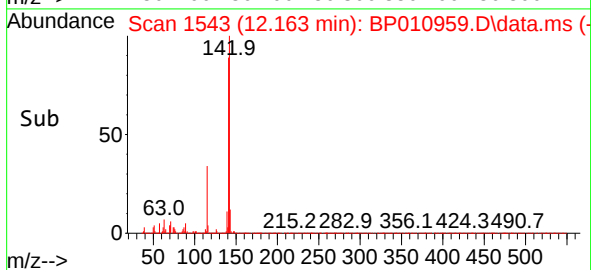
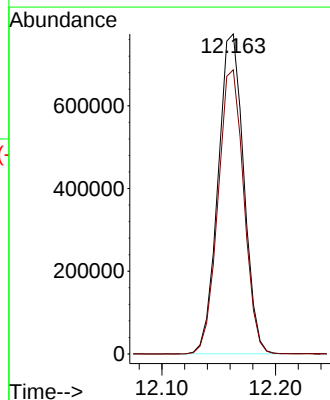
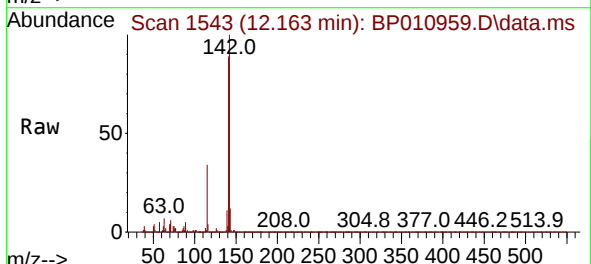
Instrument :
BNA_P
ClientSampleId :
SSTD020697

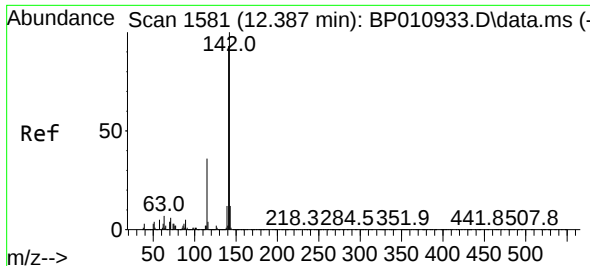
Tgt Ion:107 Resp: 523613
Ion Ratio Lower Upper
107 100
144 25.7 18.6 27.8
142 81.0 59.6 89.4



#36
2-Methylnaphthalene
Concen: 16.639 ng/ul
RT: 12.163 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:142 Resp: 1217083
Ion Ratio Lower Upper
142 100
141 88.8 70.1 105.1

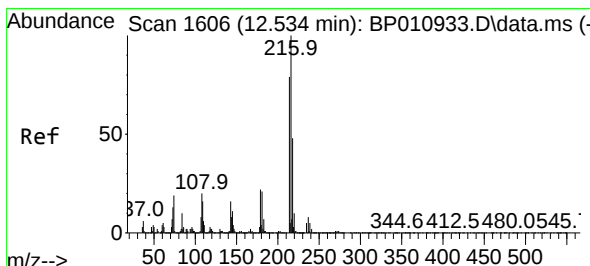
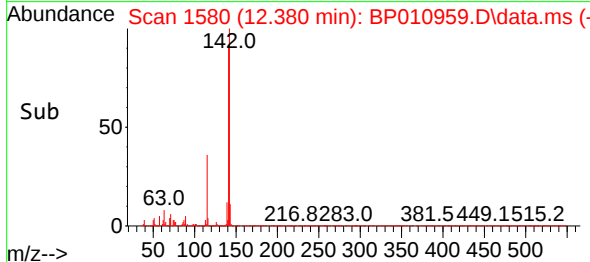
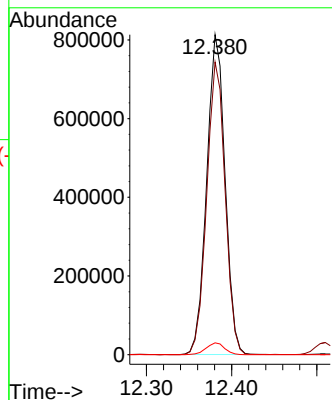
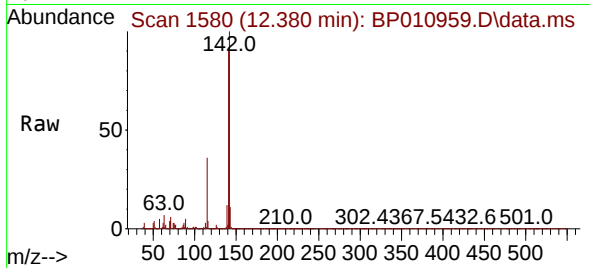




#37
1-Methylnaphthalene
Concen: 16.754 ng/ul
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

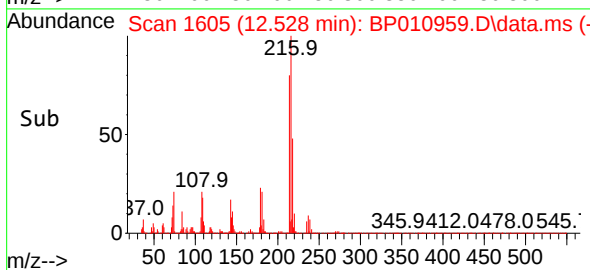
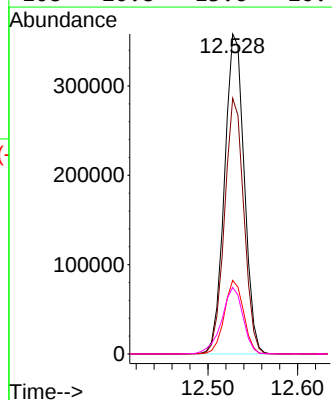
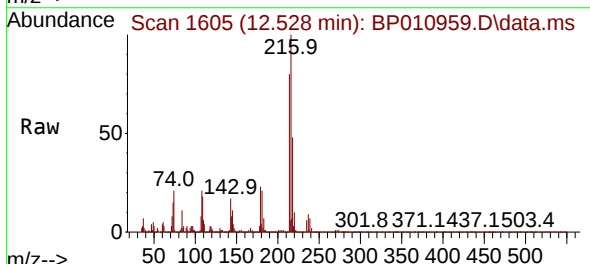
Instrument :
BNA_P
ClientSampleId :
SSTD020697

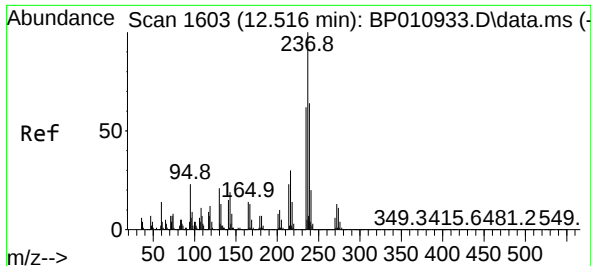
Tgt Ion:142 Resp: 1217496
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9
116 3.7 4.0 6.0#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 17.548 ng/ul
RT: 12.528 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:216 Resp: 546420
Ion Ratio Lower Upper
216 100
214 79.9 63.0 94.6
179 23.0 18.1 27.1
108 20.8 13.6 20.4#

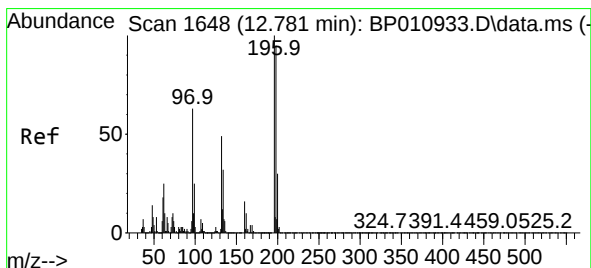
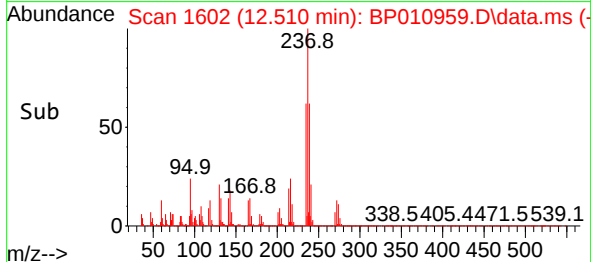
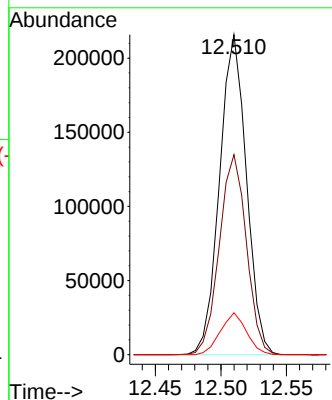
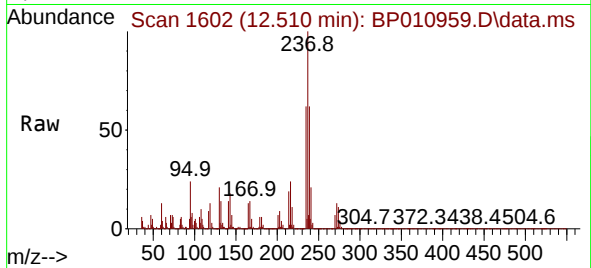




#40
Hexachlorocyclopentadiene
Concen: 15.560 ng/ul
RT: 12.510 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

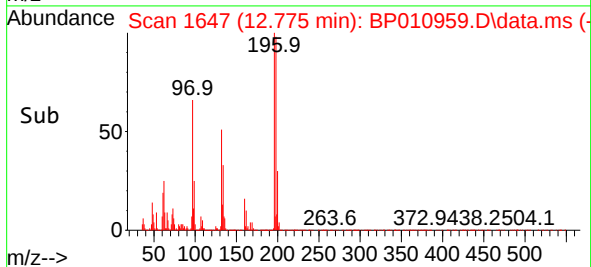
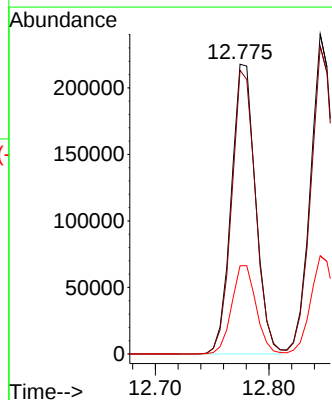
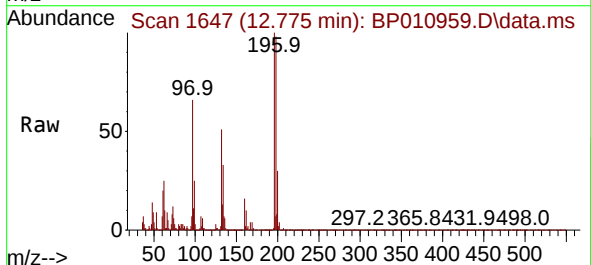
Instrument :
BNA_P
ClientSampleId :
SSTD020697

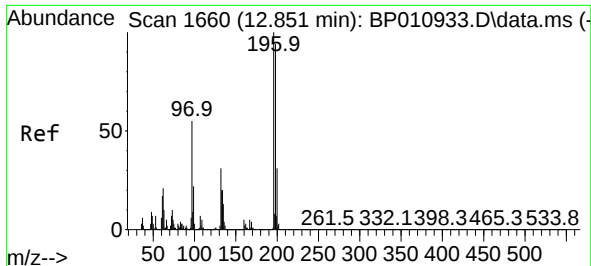
Tgt Ion:237 Resp: 307028
Ion Ratio Lower Upper
237 100
235 62.5 52.8 79.2
272 13.1 11.5 17.3



#41
2,4,6-Trichlorophenol
Concen: 17.997 ng/ul
RT: 12.775 min Scan# 1647
Delta R.T. -0.012 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:196 Resp: 323089
Ion Ratio Lower Upper
196 100
198 97.9 78.2 117.4
200 30.4 25.0 37.6

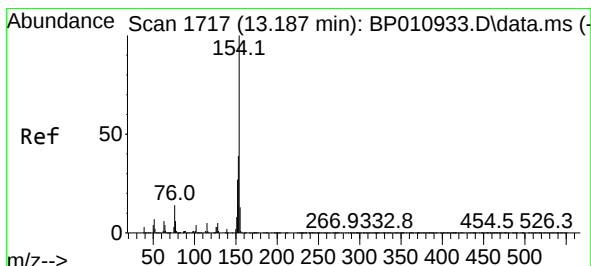
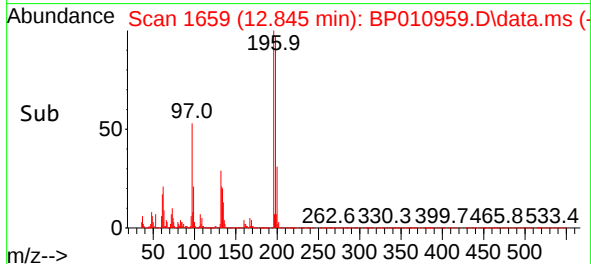
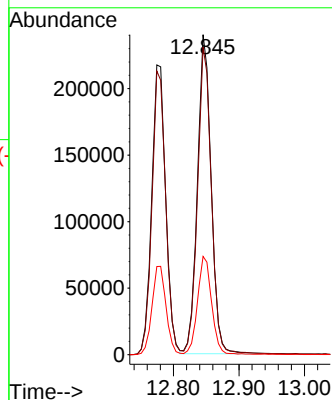
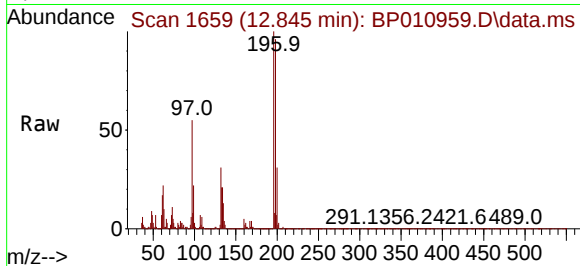




#42
2,4,5-Trichlorophenol
Concen: 18.199 ng/ul
RT: 12.845 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

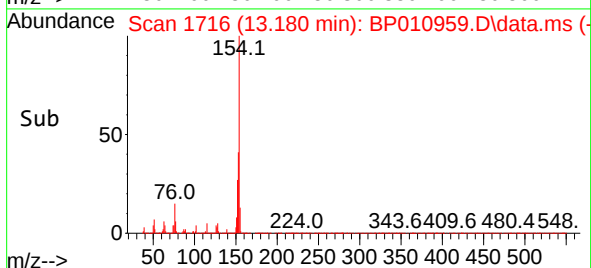
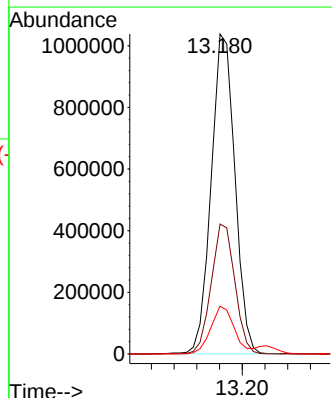
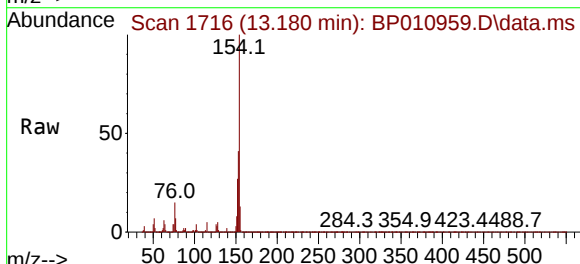
Instrument :
BNA_P
ClientSampleId :
SSTD020697

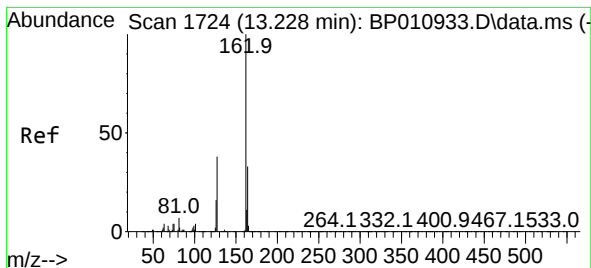
Tgt Ion:196 Resp: 350612
Ion Ratio Lower Upper
196 100
198 96.2 77.0 115.4
200 30.7 24.8 37.2



#43
1,1'-Biphenyl
Concen: 17.639 ng/ul
RT: 13.180 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:154 Resp: 1504686
Ion Ratio Lower Upper
154 100
153 40.6 31.9 47.9
76 15.0 9.2 13.8#





#44

2-Chloronaphthalene

Concen: 17.594 ng/ul

RT: 13.222 min Scan# 1724

Delta R.T. -0.006 min

Lab File: BP010959.D

Acq: 11 Jul 2022 20:59

Instrument :

BNA_P

ClientSampleId :

SSTD020697

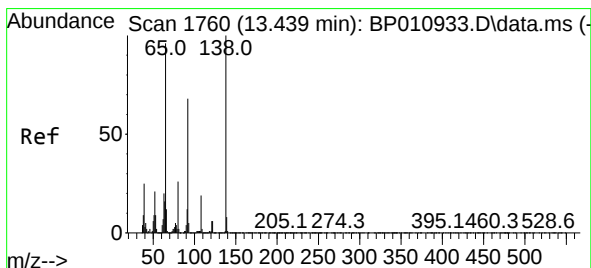
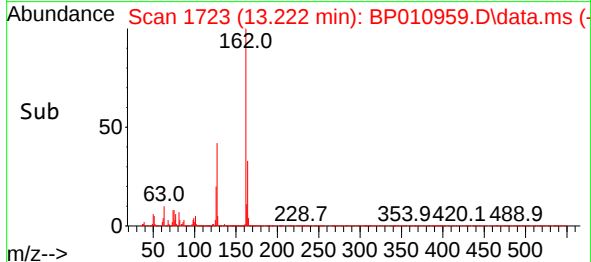
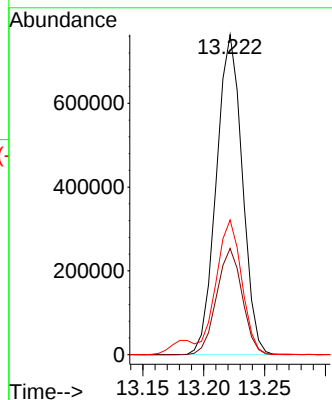
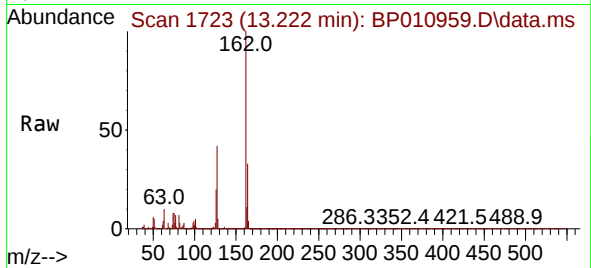
Tgt Ion:162 Resp: 1130632

Ion Ratio Lower Upper

162 100

164 33.2 25.5 38.3

127 42.1 31.9 47.9



#45

2-Nitroaniline

Concen: 20.536 ng/ul

RT: 13.433 min Scan# 1759

Delta R.T. -0.006 min

Lab File: BP010959.D

Acq: 11 Jul 2022 20:59

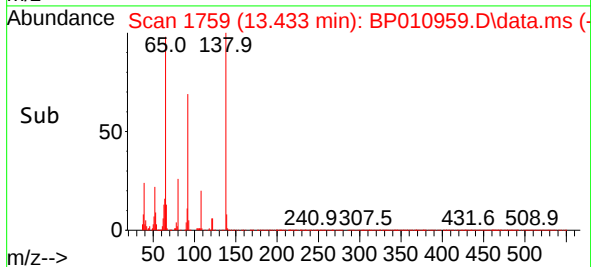
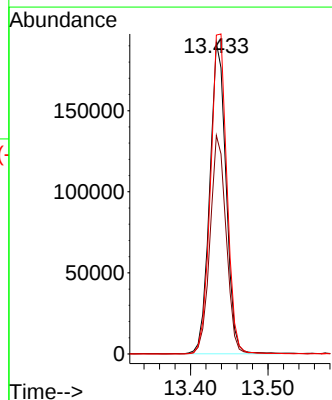
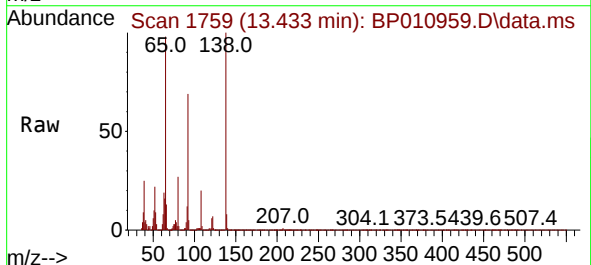
Tgt Ion: 65 Resp: 279997

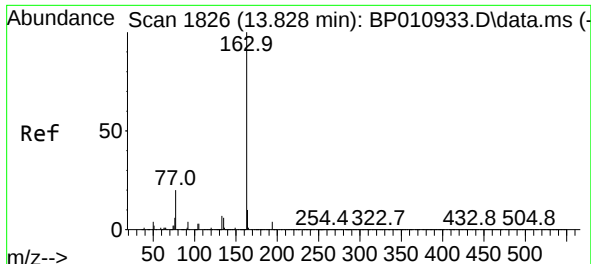
Ion Ratio Lower Upper

65 100

92 70.2 49.0 73.6

138 102.4 66.4 99.6#

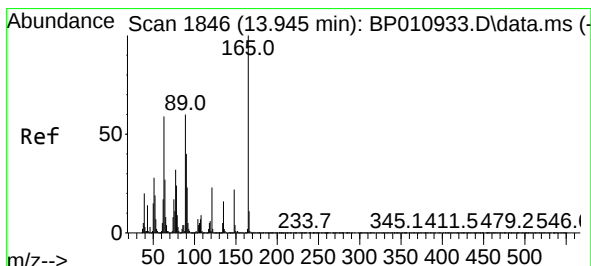
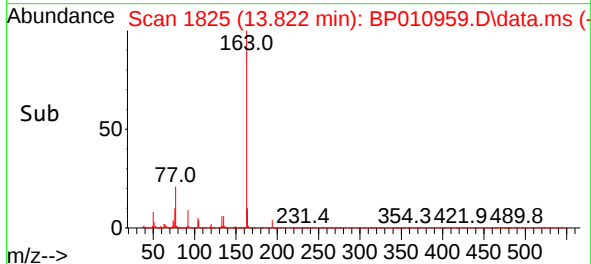
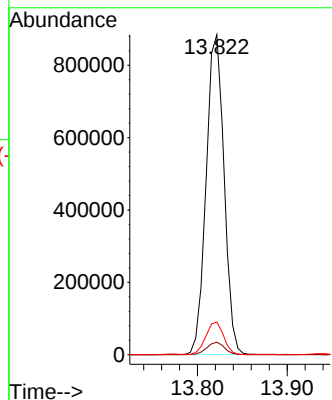
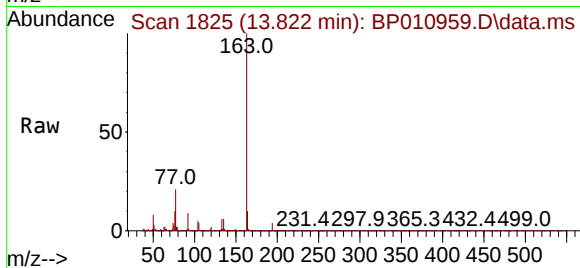




#47
Dimethylphthalate
Concen: 16.477 ng/ul
RT: 13.822 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

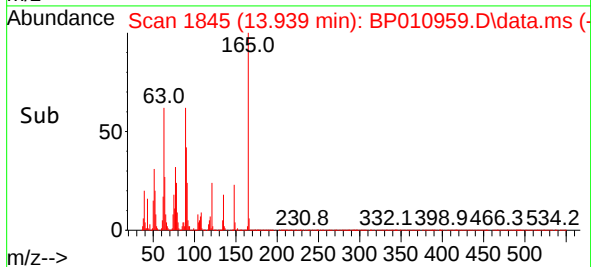
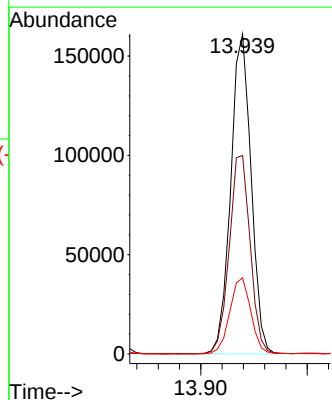
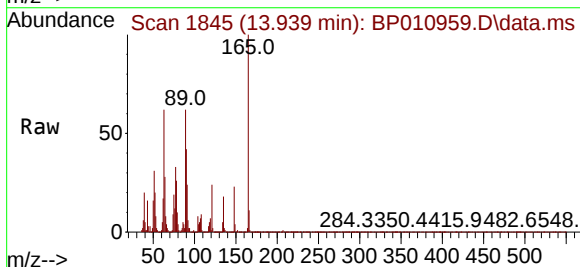
Instrument :
BNA_P
ClientSampleId :
SSTD020697

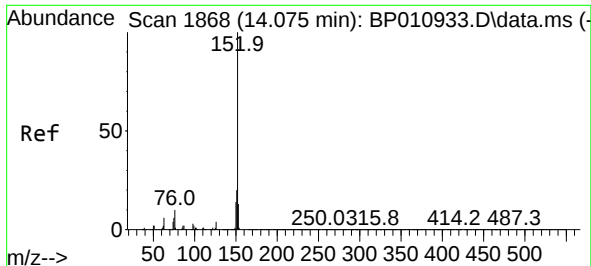
Tgt Ion:163 Resp: 1224814
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.2 7.6 11.4



#48
2,6-Dinitrotoluene
Concen: 19.203 ng/ul
RT: 13.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:165 Resp: 213877
Ion Ratio Lower Upper
165 100
89 62.1 52.9 79.3
121 23.8 19.4 29.2

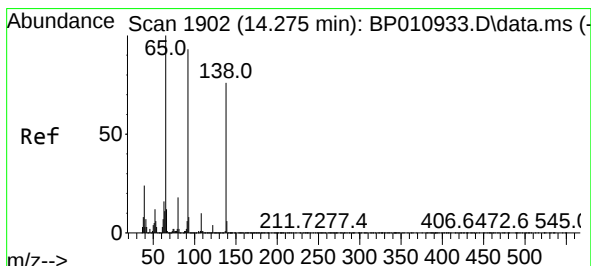
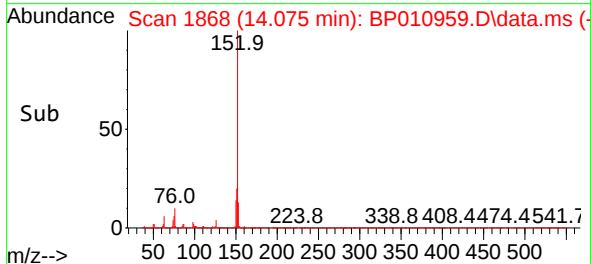
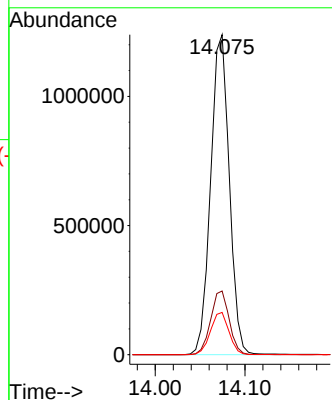
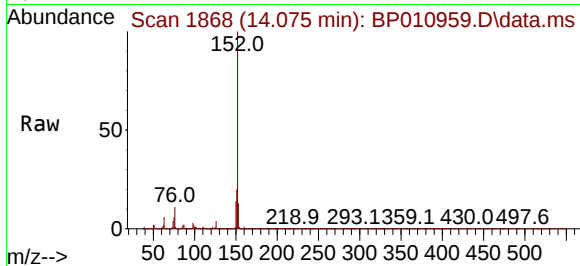




#50
Acenaphthylene
Concen: 17.228 ng/ul
RT: 14.075 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

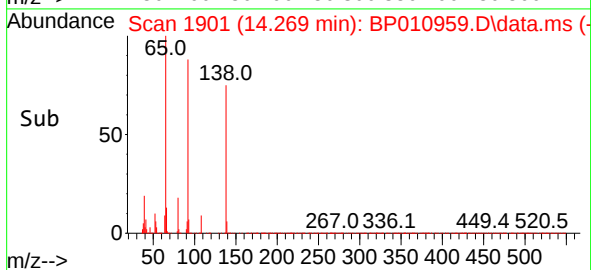
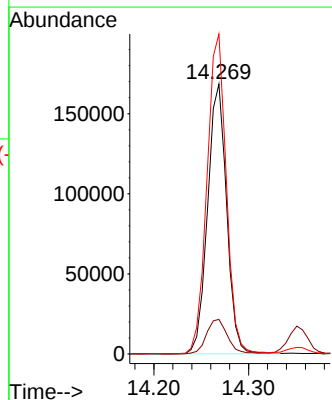
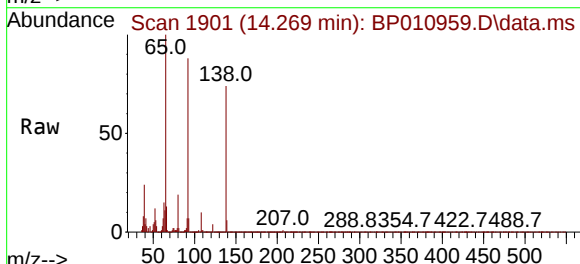
Instrument :
BNA_P
ClientSampleId :
SSTD020697

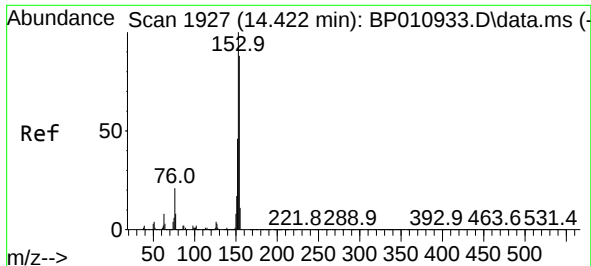
Tgt Ion:152 Resp: 1787417
Ion Ratio Lower Upper
152 100
151 19.9 16.5 24.7
153 13.2 10.1 15.1



#51
3-Nitroaniline
Concen: 17.566 ng/ul
RT: 14.269 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:138 Resp: 234552
Ion Ratio Lower Upper
138 100
108 12.8 11.0 16.4
92 118.5 104.6 156.8

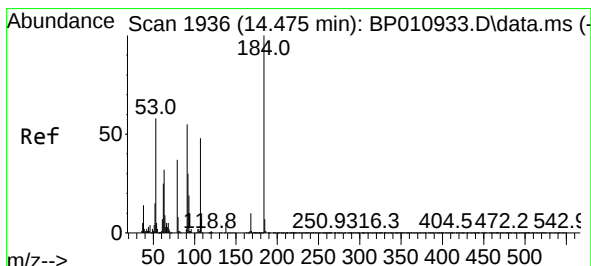
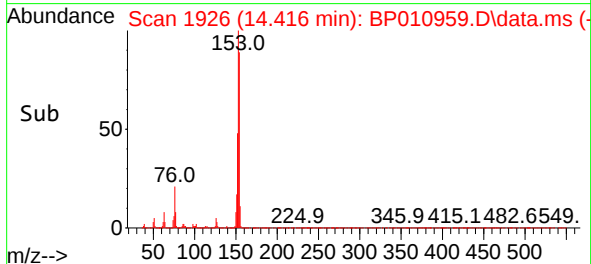
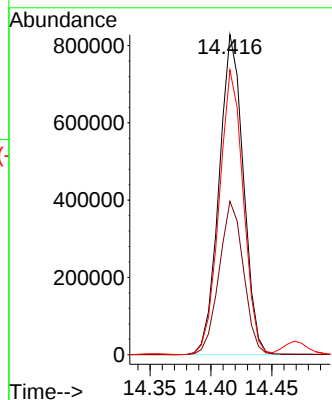
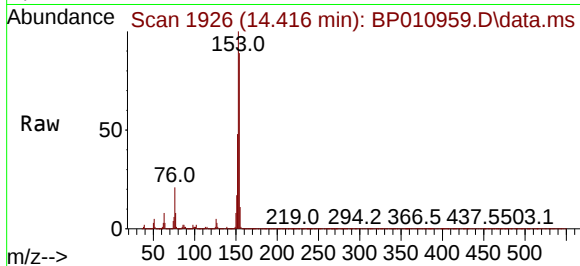




#52
Acenaphthene
Concen: 17.182 ng/ul
RT: 14.416 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

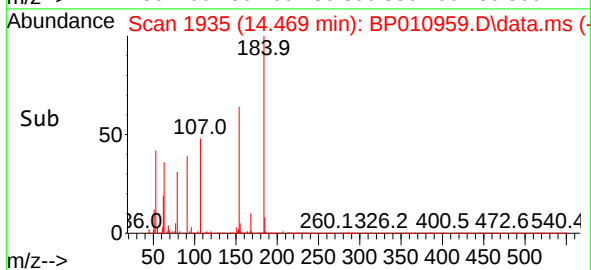
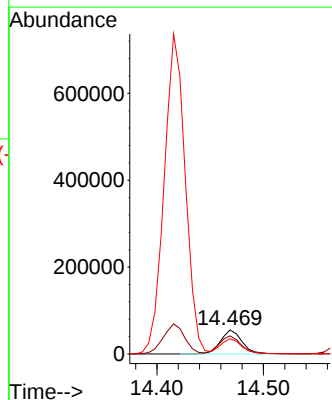
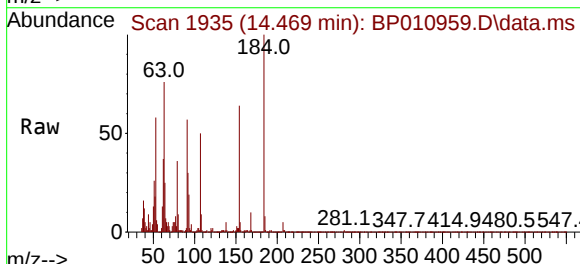
Instrument :
BNA_P
ClientSampleId :
SSTD020697

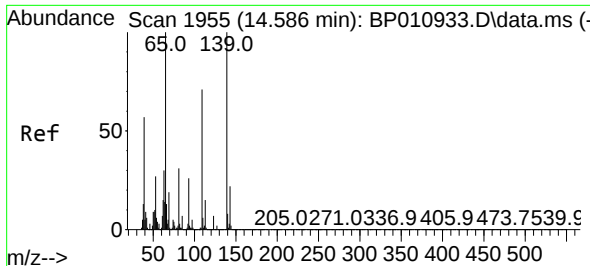
Tgt Ion:153 Resp: 1150264
Ion Ratio Lower Upper
153 100
152 48.0 36.2 54.2
154 88.9 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 17.911 ng/ul
RT: 14.469 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:184 Resp: 76587
Ion Ratio Lower Upper
184 100
63 75.5 73.8 110.6
154 63.7 57.2 85.8

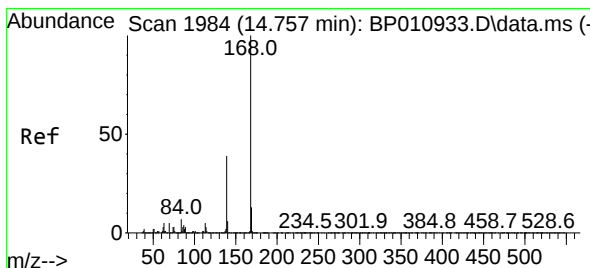
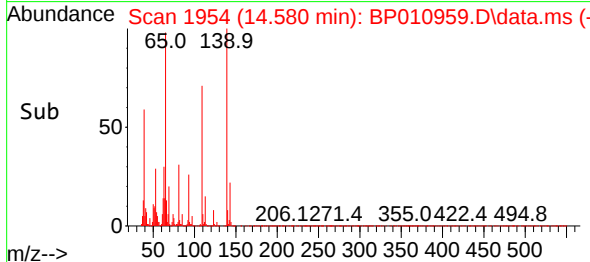
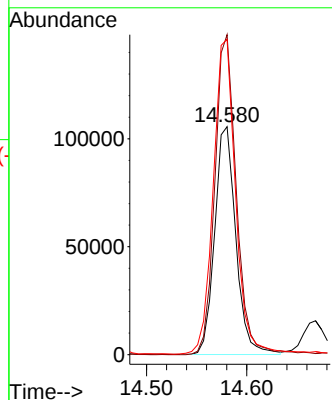
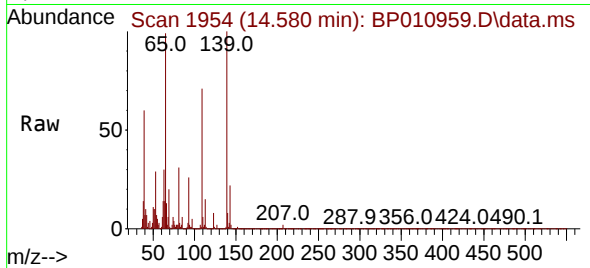




#55
4-Nitrophenol
Concen: 16.811 ng/ul
RT: 14.580 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

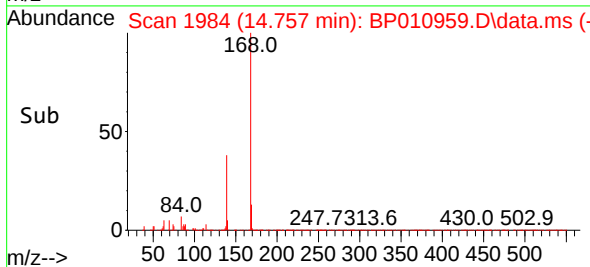
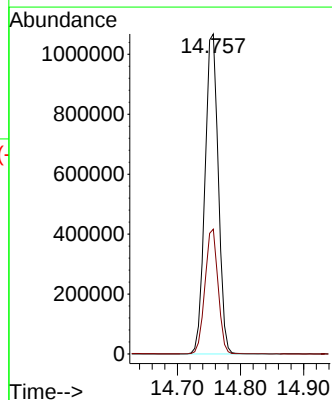
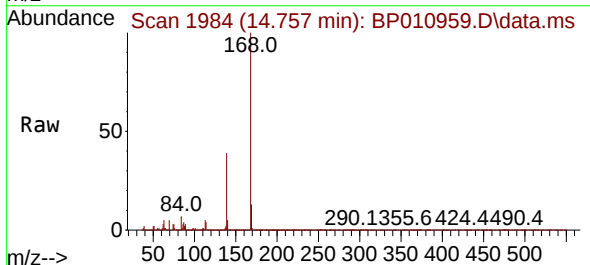
Instrument :
BNA_P
ClientSampleId :
SSTD020697

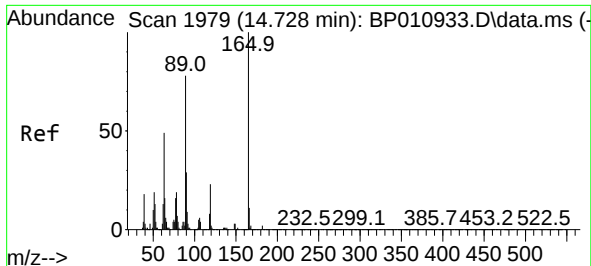
Tgt Ion:109 Resp: 154982
Ion Ratio Lower Upper
109 100
139 140.4 75.6 113.4#
65 138.4 107.6 161.4



#56
Dibenzofuran
Concen: 17.104 ng/ul
RT: 14.757 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:168 Resp: 1568474
Ion Ratio Lower Upper
168 100
139 39.0 32.8 49.2

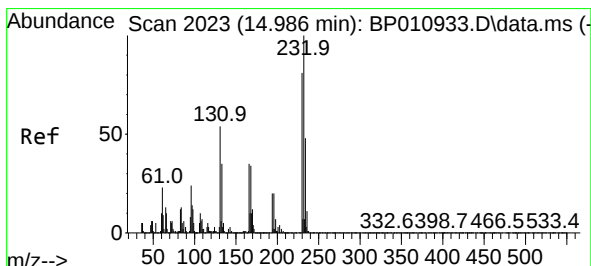
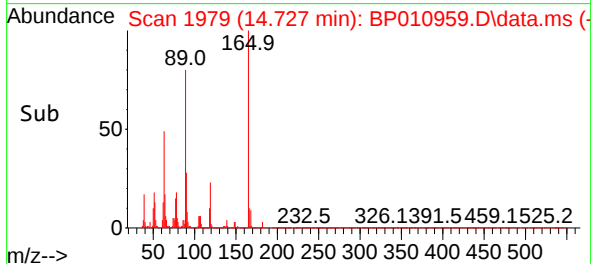
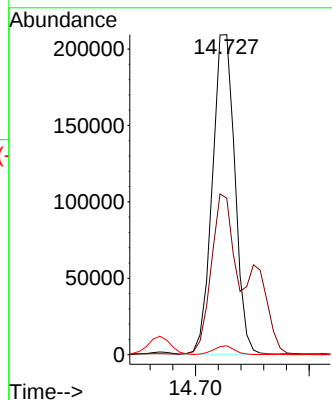
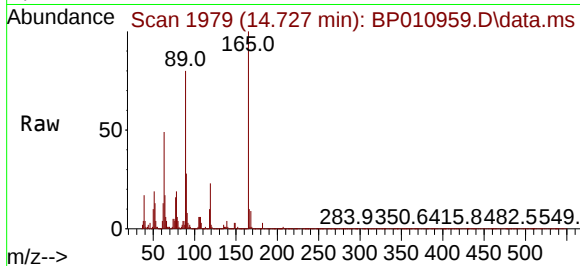




#57
2,4-Dinitrotoluene
Concen: 19.357 ng/ul
RT: 14.727 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

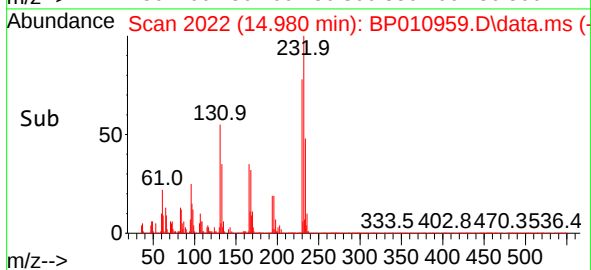
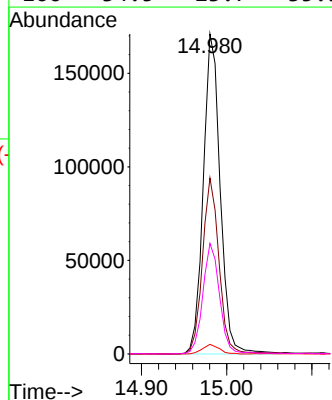
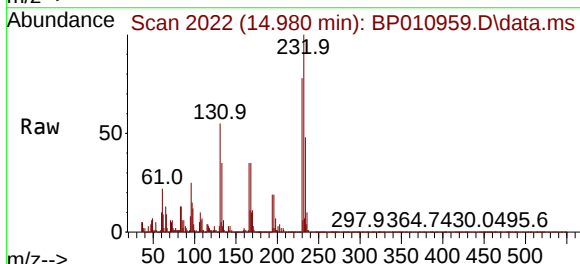
Instrument :
BNA_P
ClientSampleId :
SSTD020697

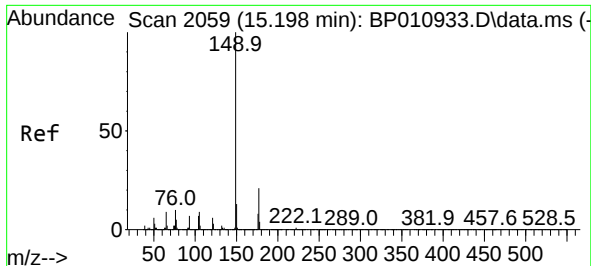
Tgt Ion:165 Resp: 288084
Ion Ratio Lower Upper
165 100
63 48.9 47.0 70.6
182 2.8 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 17.123 ng/ul
RT: 14.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:232 Resp: 236228
Ion Ratio Lower Upper
232 100
131 55.0 35.8 53.8#
130 3.0 1.8 2.8#
166 34.5 23.7 35.5

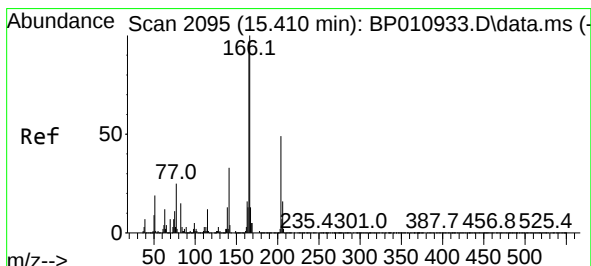
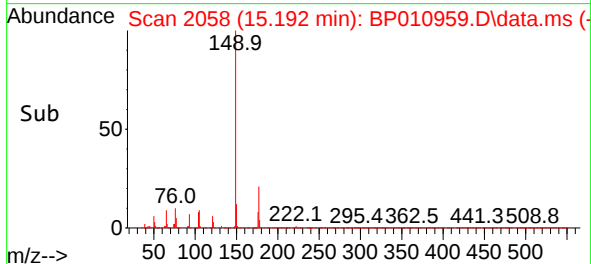
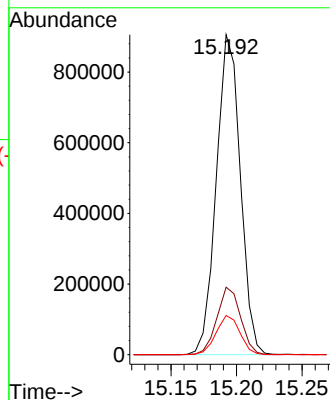
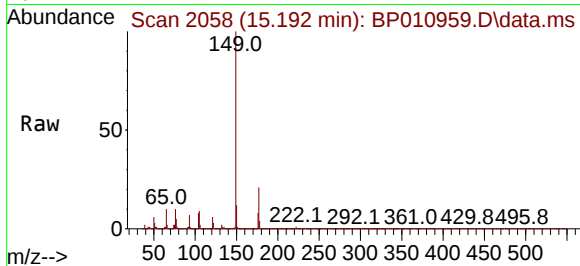




#59
Diethylphthalate
Concen: 15.584 ng/ul
RT: 15.192 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

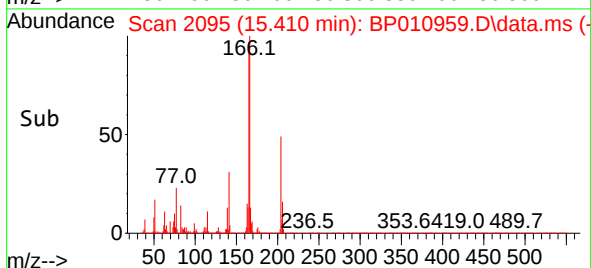
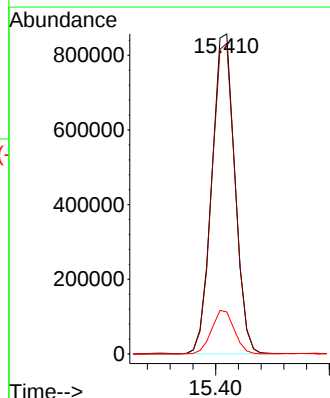
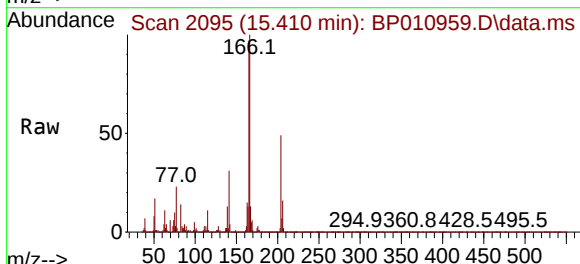
Instrument :
BNA_P
ClientSampleId :
SSTD020697

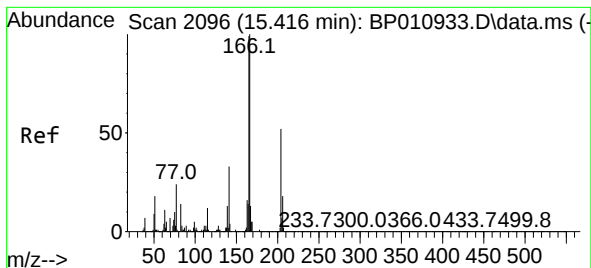
Tgt Ion:149 Resp: 1151699
Ion Ratio Lower Upper
149 100
177 21.1 17.6 26.4
150 12.3 10.3 15.5



#61
Fluorene
Concen: 16.518 ng/ul
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:166 Resp: 1207772
Ion Ratio Lower Upper
166 100
165 97.0 77.4 116.2
167 13.2 10.8 16.2

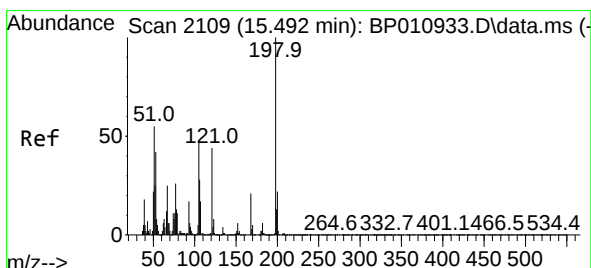
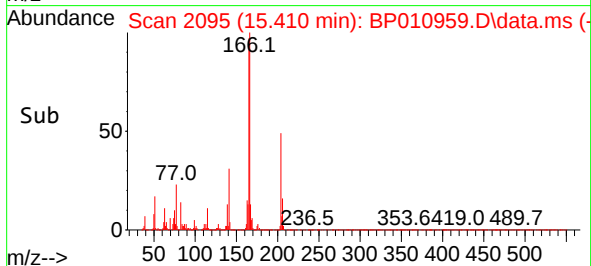
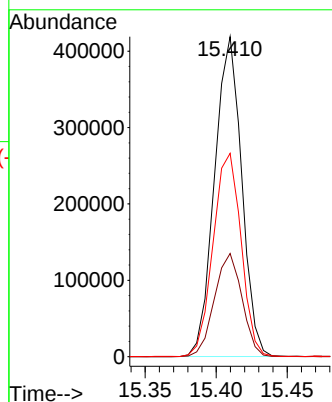
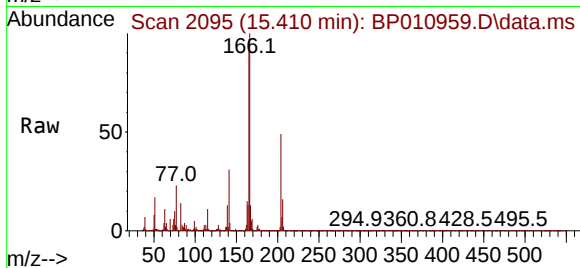




#62
4-Chlorophenyl-phenylether
Concen: 16.260 ng/ul
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

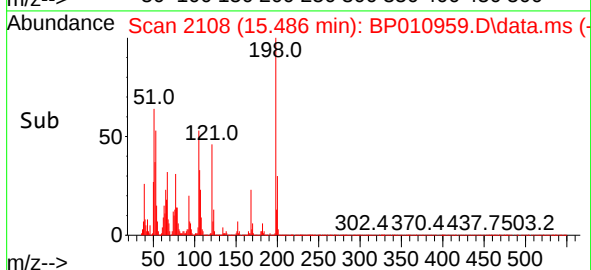
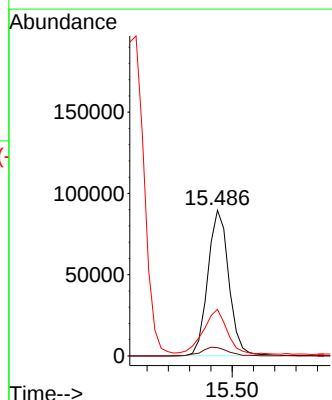
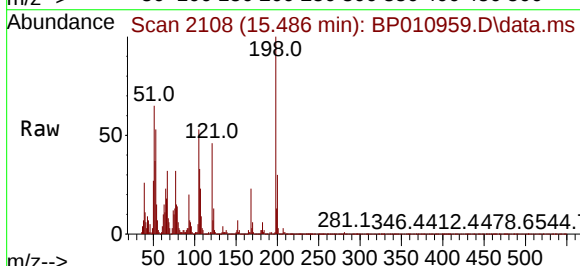
Instrument :
BNA_P
ClientSampleId :
SSTD020697

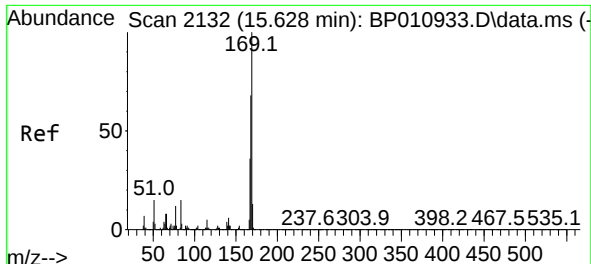
Tgt Ion:204 Resp: 556569
Ion Ratio Lower Upper
204 100
206 32.2 26.0 39.0
141 63.6 49.3 73.9



#66
4,6-Dinitro-2-methylphenol
Concen: 18.766 ng/ul
RT: 15.486 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:198 Resp: 122271
Ion Ratio Lower Upper
198 100
182 5.7 4.3 6.5
77 32.0 23.7 35.5



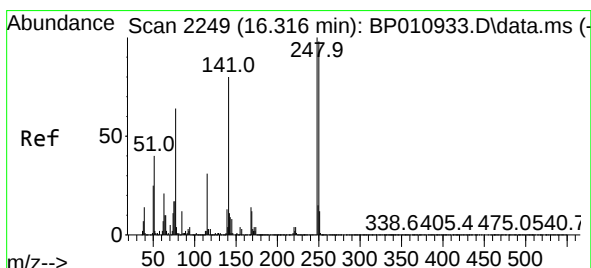
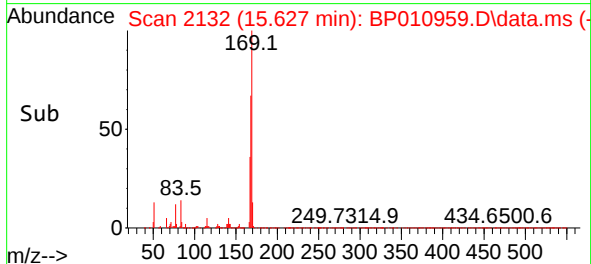
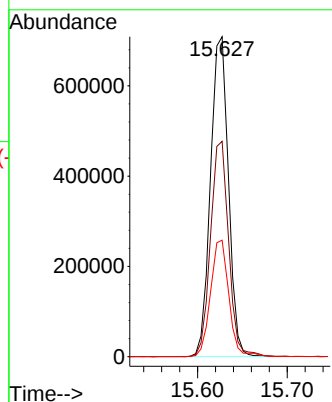
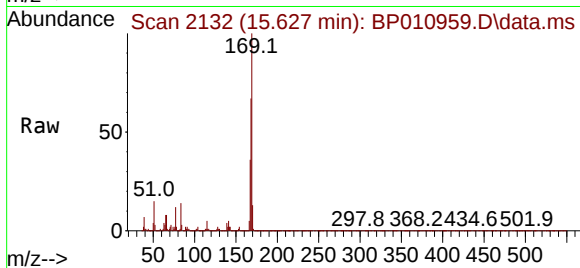


#67
N-Nitrosodiphenylamine
Concen: 17.870 ng/ul
RT: 15.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Instrument :
BNA_P
ClientSampleId :
SSTD020697

Tgt Ion:169 Resp: 985012

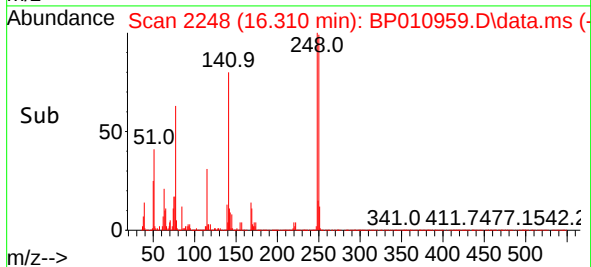
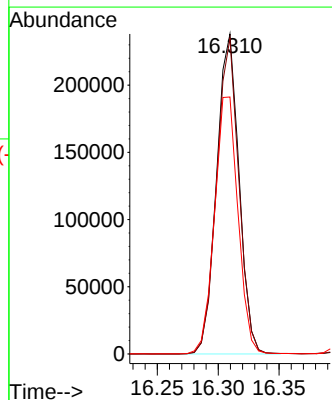
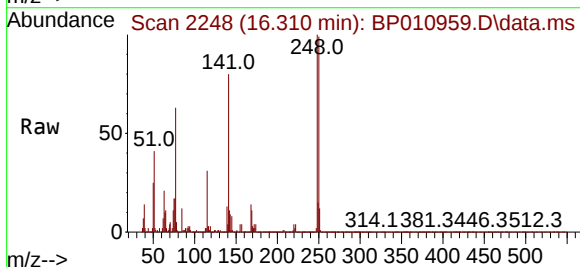
Ion	Ratio	Lower	Upper
169	100		
168	67.3	52.6	78.8
167	36.4	27.8	41.6

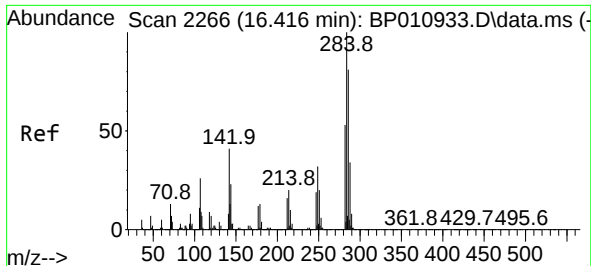


#68
4-Bromophenyl-phenylether
Concen: 16.749 ng/ul
RT: 16.310 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:248 Resp: 305491

Ion	Ratio	Lower	Upper
248	100		
250	98.6	80.8	121.2
141	80.3	63.9	95.9

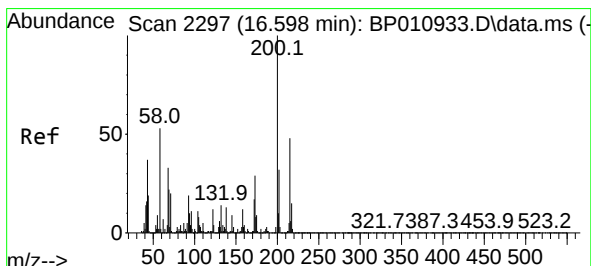
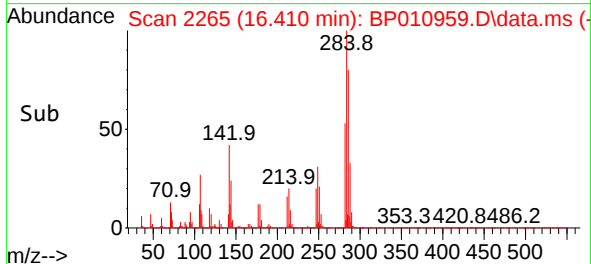
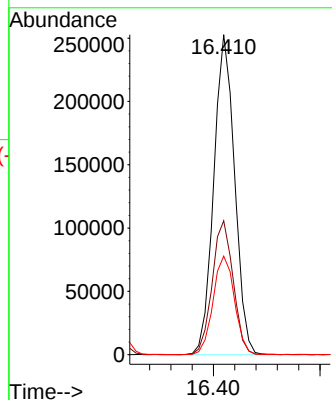
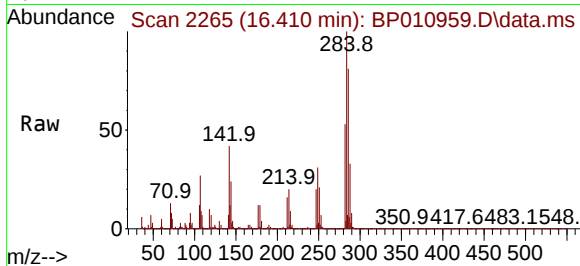




#69
Hexachlorobenzene
Concen: 16.218 ng/ul
RT: 16.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

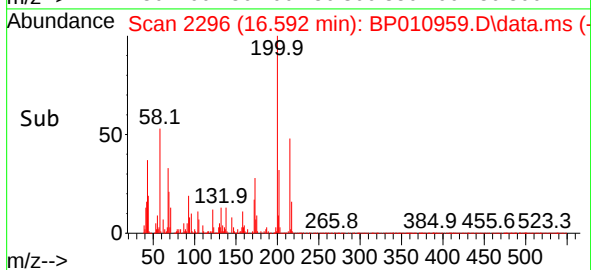
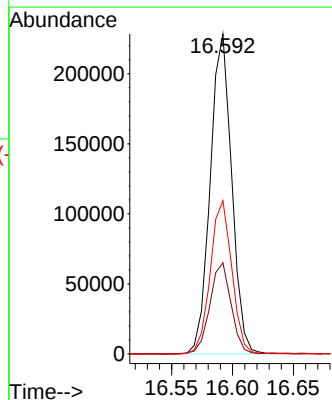
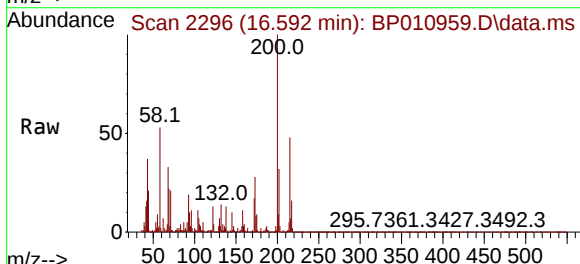
Instrument :
BNA_P
ClientSampleId :
SSTD020697

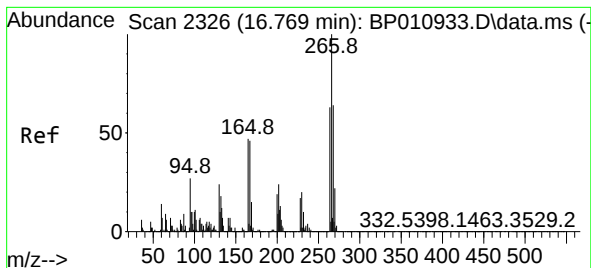
Tgt Ion:284 Resp: 342620
Ion Ratio Lower Upper
284 100
142 41.8 27.8 41.6#
249 30.8 25.4 38.2



#70
Atrazine
Concen: 15.323 ng/ul
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:200 Resp: 280030
Ion Ratio Lower Upper
200 100
173 28.5 20.7 31.1
215 47.9 38.6 57.8





#71

Pentachlorophenol

Concen: 14.795 ng/ul

RT: 16.763 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP010959.D

Acq: 11 Jul 2022 20:59

Instrument :

BNA_P

ClientSampleId :

SSTD020697

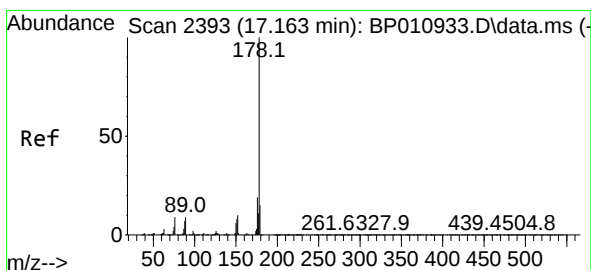
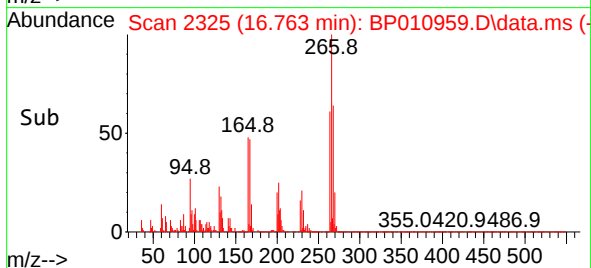
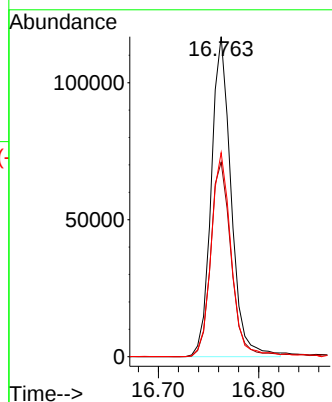
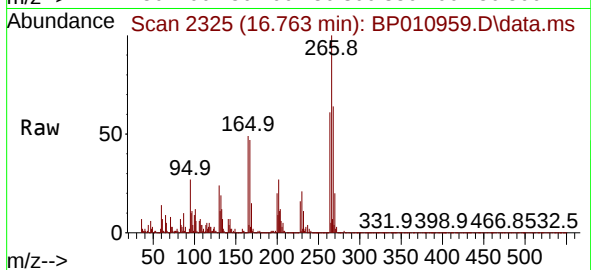
Tgt Ion:266 Resp: 160934

Ion Ratio Lower Upper

266 100

264 60.8 51.4 77.2

268 63.7 53.5 80.3



#72

Phenanthrene

Concen: 17.523 ng/ul

RT: 17.157 min Scan# 2392

Delta R.T. -0.006 min

Lab File: BP010959.D

Acq: 11 Jul 2022 20:59

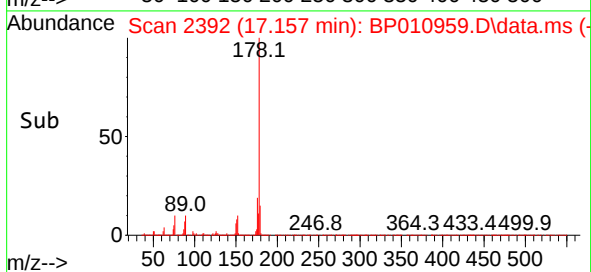
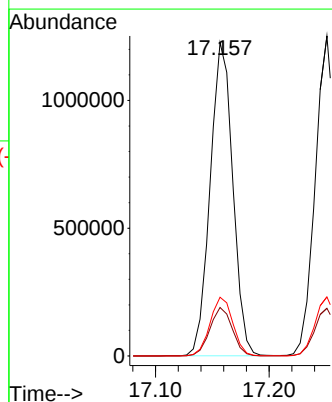
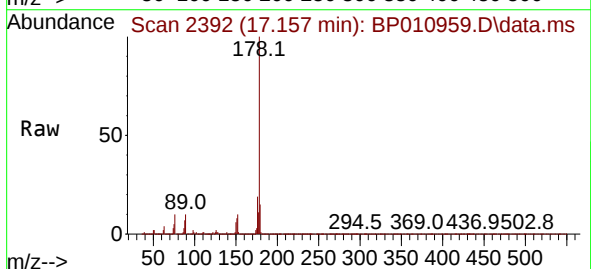
Tgt Ion:178 Resp: 1698257

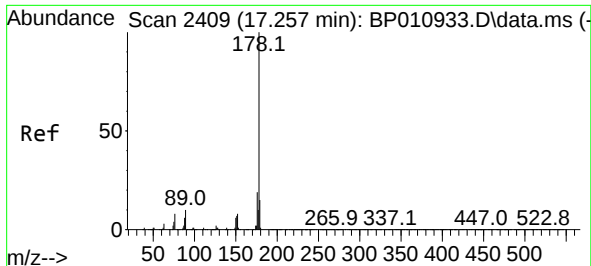
Ion Ratio Lower Upper

178 100

179 15.5 12.7 19.1

176 18.7 14.6 22.0

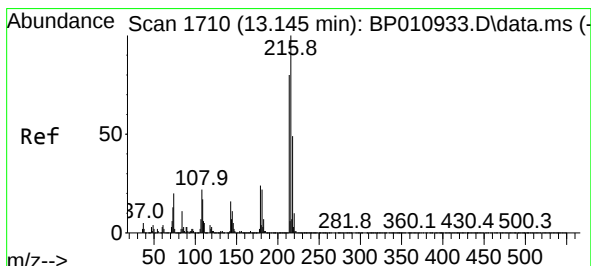
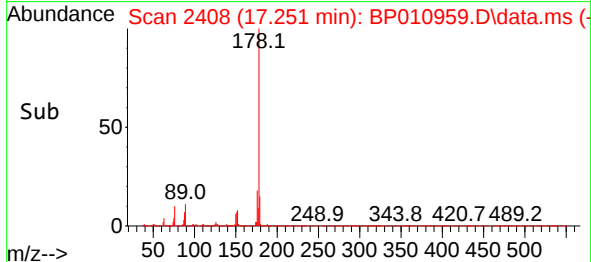
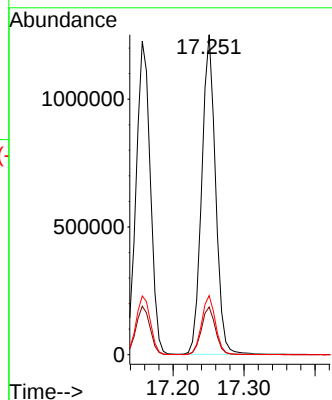
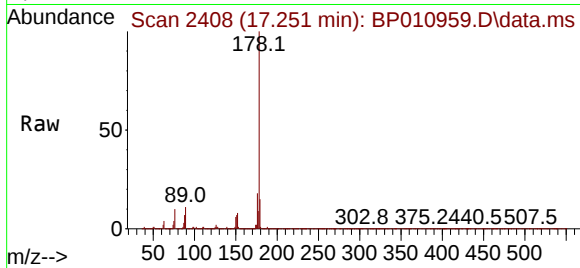




#74
 Anthracene
 Concen: 17.380 ng/uI
 RT: 17.251 min Scan# 2409
 Delta R.T. -0.006 min
 Lab File: BP010959.D
 Acq: 11 Jul 2022 20:59

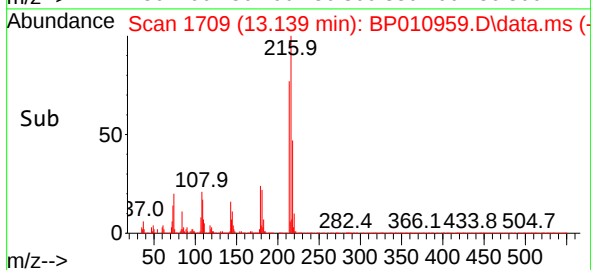
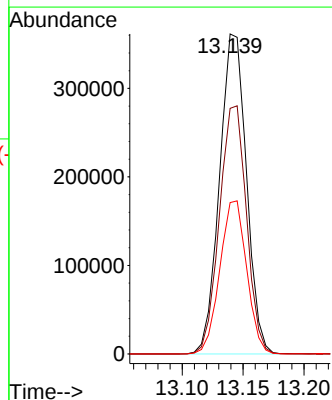
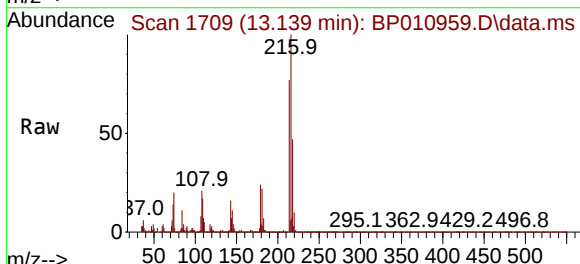
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020697

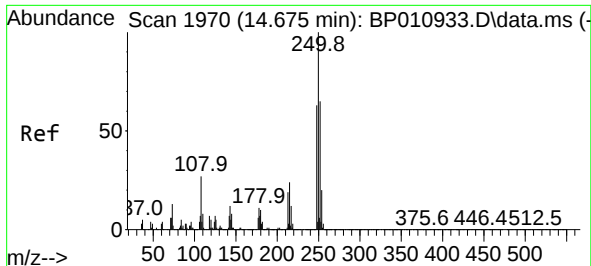
Tgt Ion:178 Resp: 1694056
 Ion Ratio Lower Upper
 178 100
 179 14.9 12.2 18.2
 176 18.4 14.5 21.7



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 18.519 ng/uI
 RT: 13.139 min Scan# 1709
 Delta R.T. -0.006 min
 Lab File: BP010959.D
 Acq: 11 Jul 2022 20:59

Tgt Ion:216 Resp: 556134
 Ion Ratio Lower Upper
 216 100
 214 76.8 65.0 97.4
 218 47.3 39.1 58.7

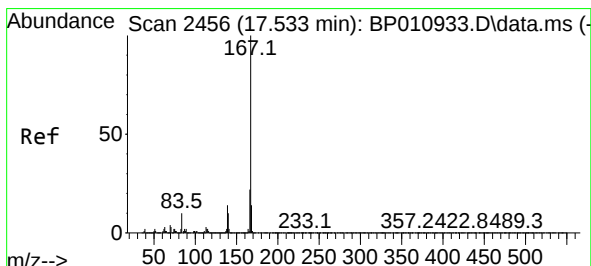
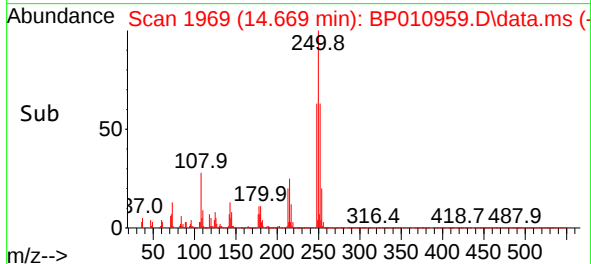
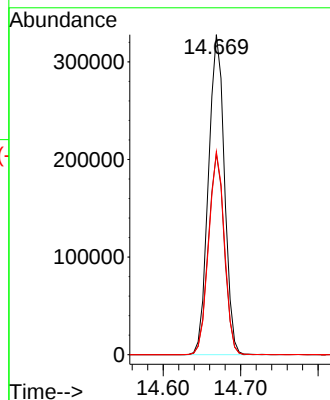
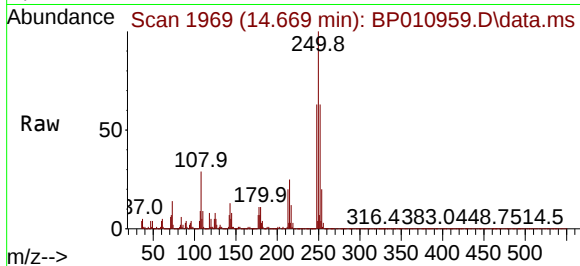




#76
 Pentachlorobenzene
 Concen: 18.215 ng/uL
 RT: 14.669 min Scan# 1970
 Delta R.T. -0.006 min
 Lab File: BP010959.D
 Acq: 11 Jul 2022 20:59

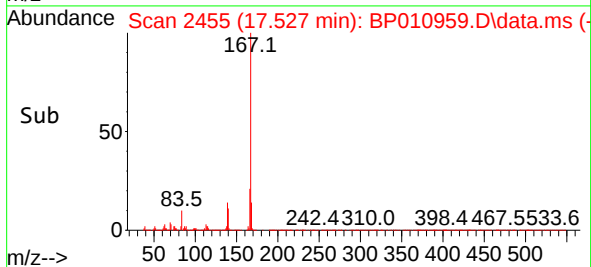
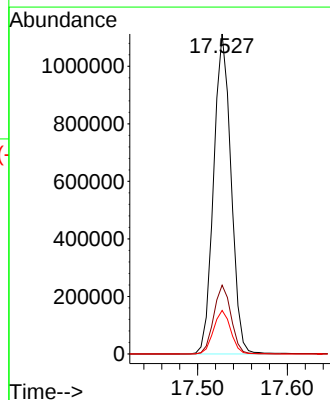
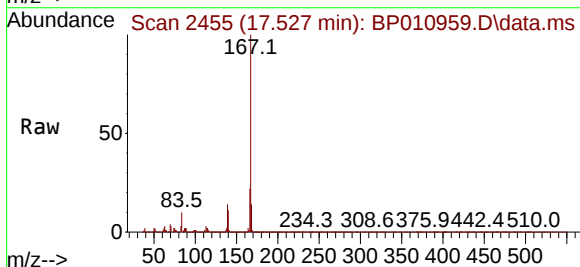
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020697

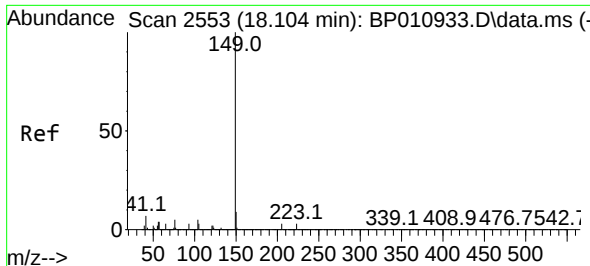
Tgt Ion:250 Resp: 469161
 Ion Ratio Lower Upper
 250 100
 248 62.8 49.8 74.6
 252 63.5 51.2 76.8



#77
 Carbazole
 Concen: 17.091 ng/uL
 RT: 17.527 min Scan# 2455
 Delta R.T. -0.006 min
 Lab File: BP010959.D
 Acq: 11 Jul 2022 20:59

Tgt Ion:167 Resp: 1499607
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.9 25.3
 139 13.6 10.6 16.0

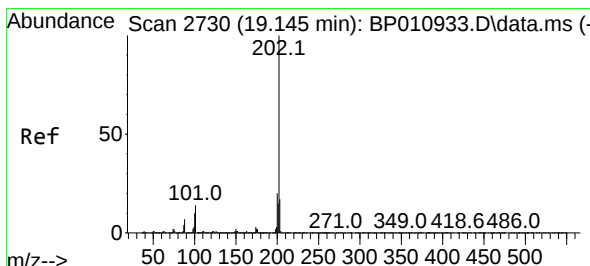
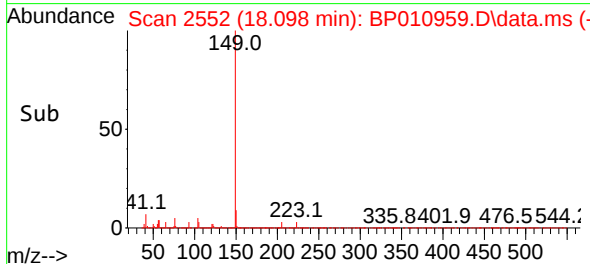
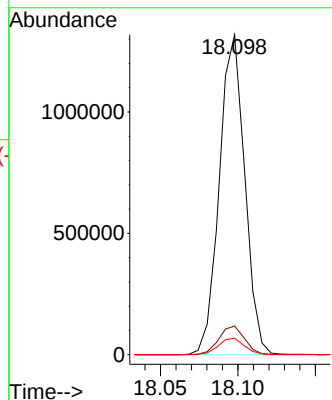
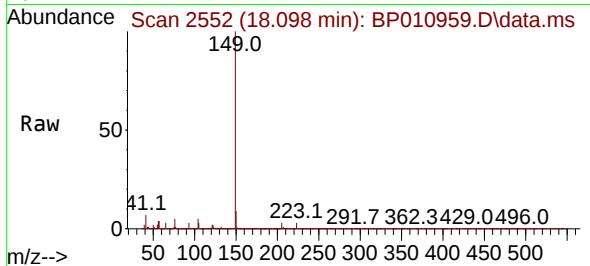




#78
Di-n-butylphthalate
Concen: 14.350 ng/ul
RT: 18.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

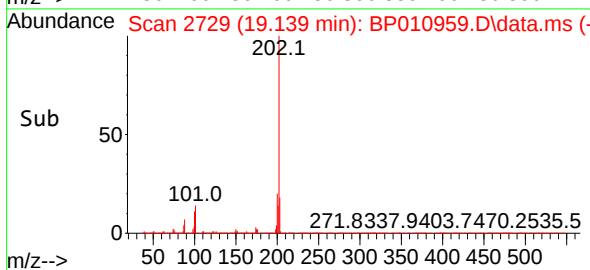
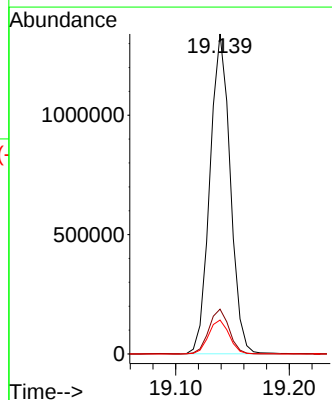
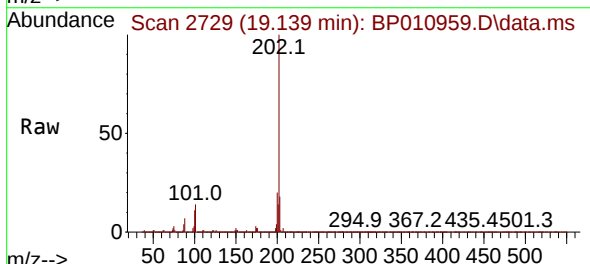
Instrument :
BNA_P
ClientSampleId :
SSTD020697

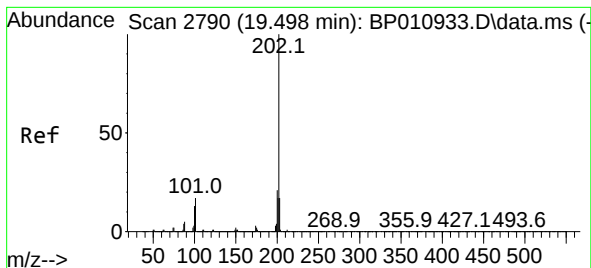
Tgt Ion:149 Resp: 1500343
Ion Ratio Lower Upper
149 100
150 8.9 7.1 10.7
104 5.1 4.6 6.8



#80
Fluoranthene
Concen: 16.737 ng/ul
RT: 19.139 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:202 Resp: 1670102
Ion Ratio Lower Upper
202 100
101 14.0 7.1 10.7#
100 10.6 5.7 8.5#





#82

Pyrene

Concen: 17.121 ng/ul

RT: 19.492 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP010959.D

Acq: 11 Jul 2022 20:59

Instrument :

BNA_P

ClientSampleId :

SSTD020697

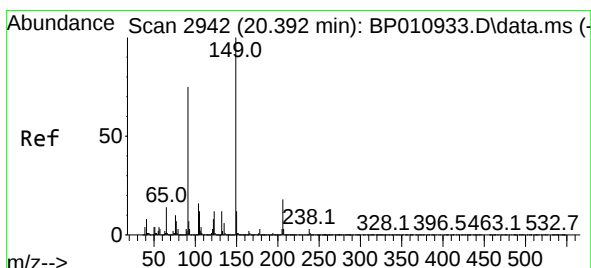
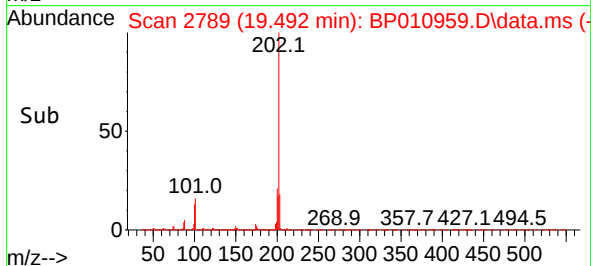
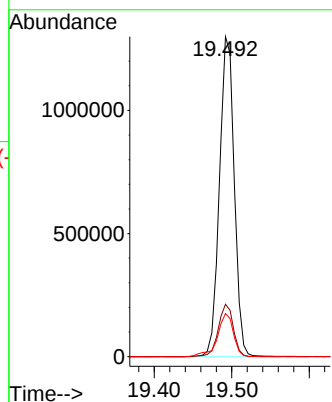
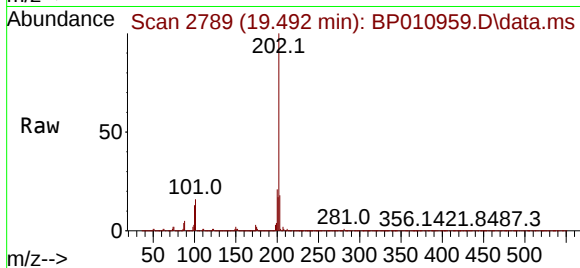
Tgt Ion:202 Resp: 1725381

Ion Ratio Lower Upper

202 100

101 16.4 7.9 11.9#

100 13.5 6.7 10.1#



#83

Butylbenzylphthalate

Concen: 15.305 ng/ul

RT: 20.386 min Scan# 2941

Delta R.T. -0.012 min

Lab File: BP010959.D

Acq: 11 Jul 2022 20:59

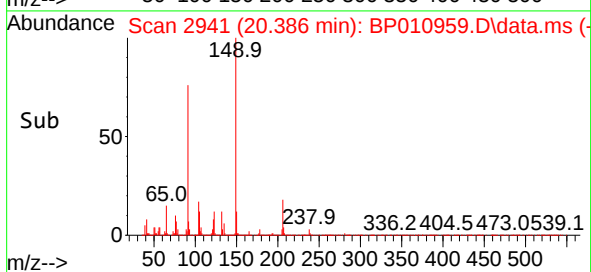
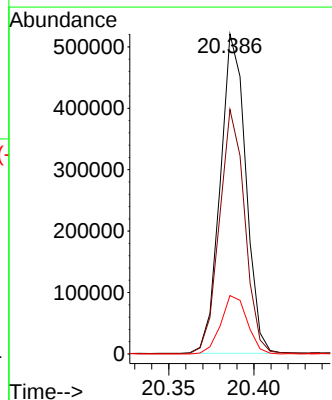
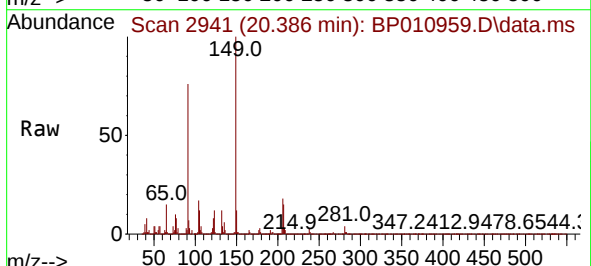
Tgt Ion:149 Resp: 542887

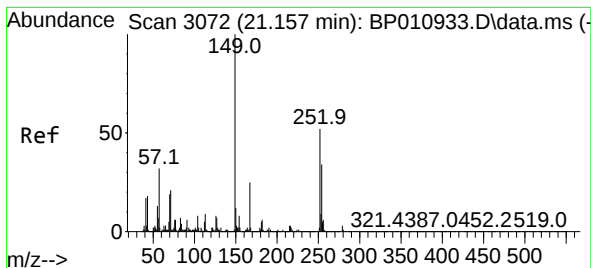
Ion Ratio Lower Upper

149 100

91 76.4 60.0 90.0

206 18.3 17.4 26.2





#84

3,3'-Dichlorobenzidine

Concen: 15.888 ng/ul

RT: 21.151 min Scan# 3071

Delta R.T. -0.012 min

Lab File: BP010959.D

Acq: 11 Jul 2022 20:59

Instrument :

BNA_P

ClientSampleId :

SSTD020697

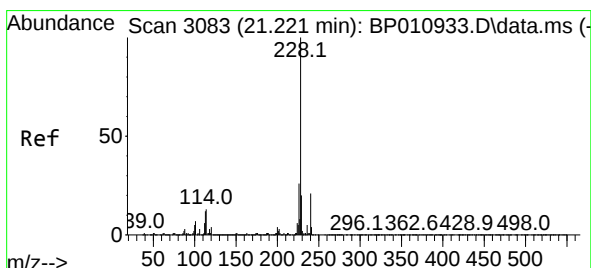
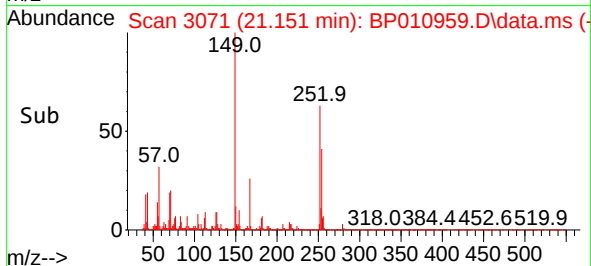
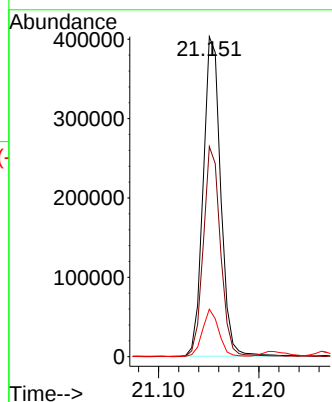
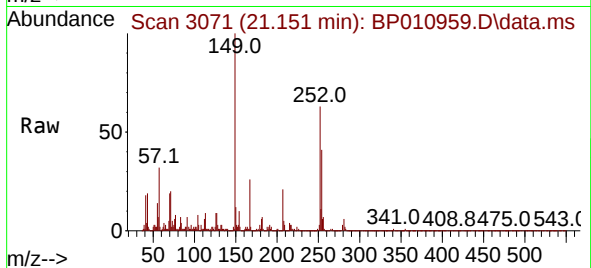
Tgt Ion:252 Resp: 488592

Ion Ratio Lower Upper

252 100

254 65.7 51.0 76.4

126 14.8 8.6 12.8#



#85

Benzo(a)anthracene

Concen: 16.824 ng/ul

RT: 21.215 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP010959.D

Acq: 11 Jul 2022 20:59

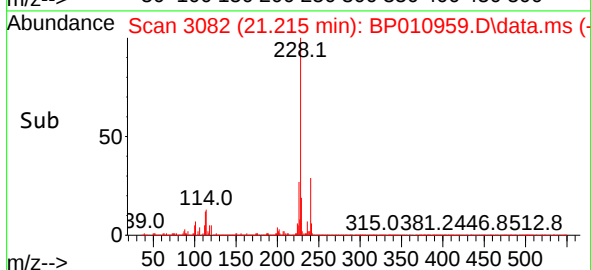
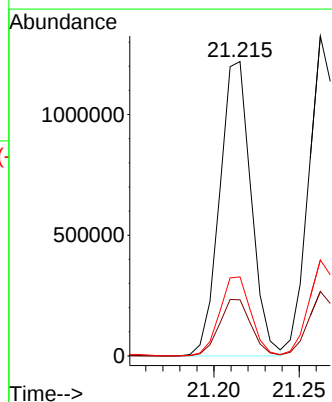
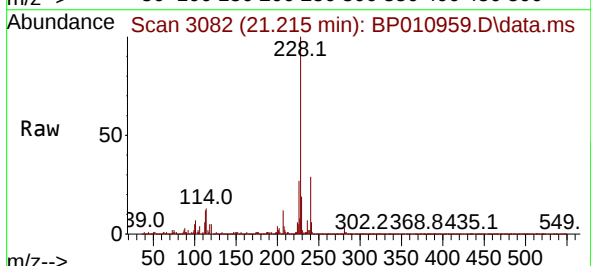
Tgt Ion:228 Resp: 1567035

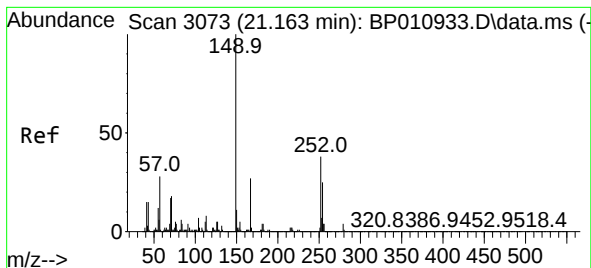
Ion Ratio Lower Upper

228 100

229 19.1 15.0 22.4

226 26.9 20.6 31.0

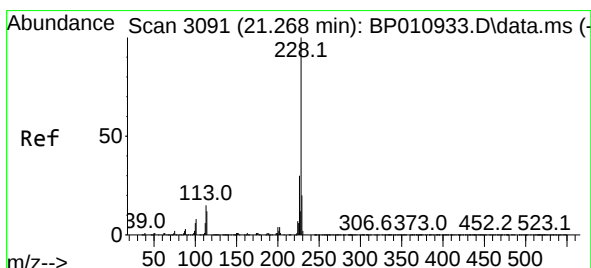
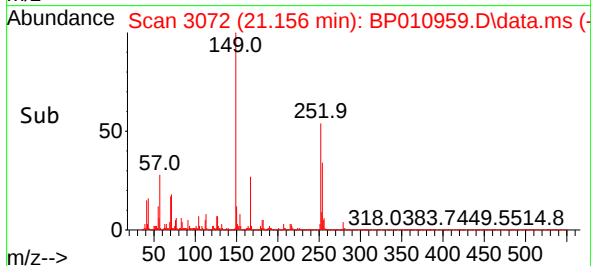
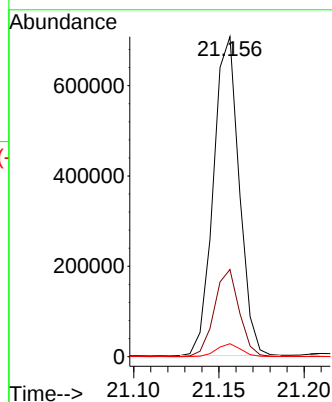
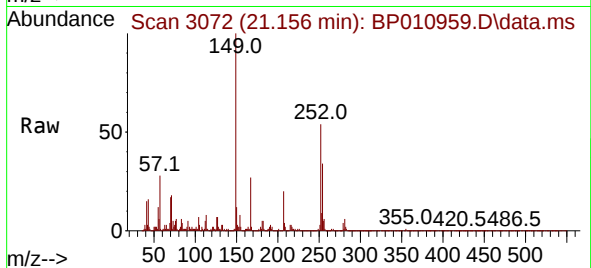




#86
Bis(2-ethylhexyl)phthalate
Concen: 13.257 ng/ul
RT: 21.156 min Scan# 3072
Delta R.T. -0.006 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

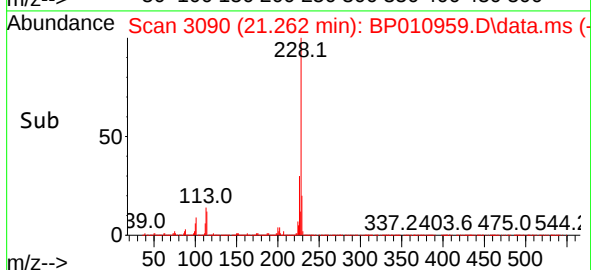
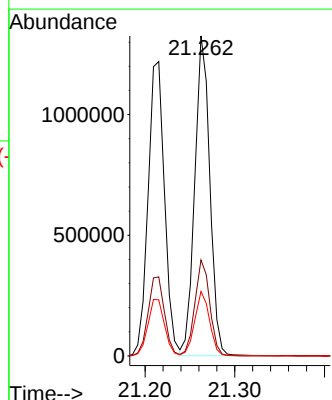
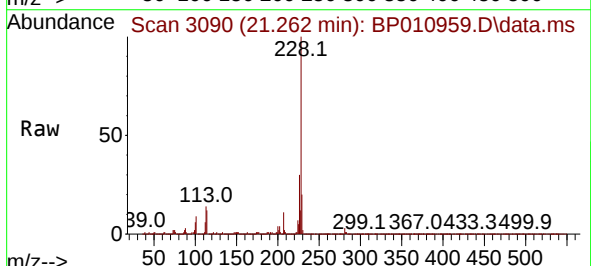
Instrument :
BNA_P
ClientSampleId :
SSTD020697

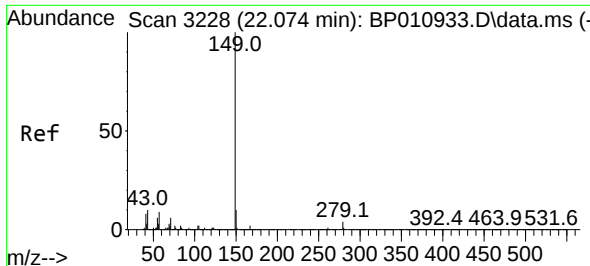
Tgt Ion:149 Resp: 744653
Ion Ratio Lower Upper
149 100
167 27.3 22.6 33.8
279 4.0 4.2 6.4#



#87
Chrysene
Concen: 17.337 ng/ul
RT: 21.262 min Scan# 3090
Delta R.T. -0.012 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:228 Resp: 1547400
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 20.1 15.6 23.4

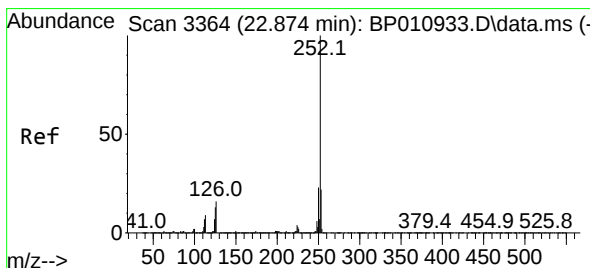
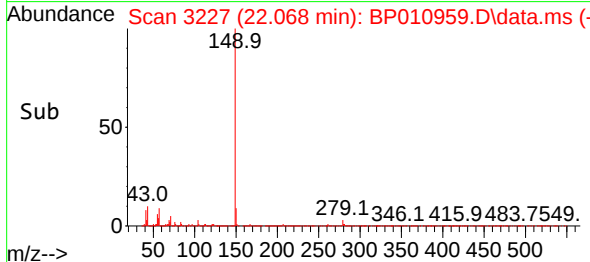
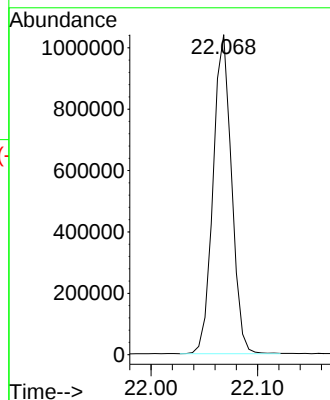
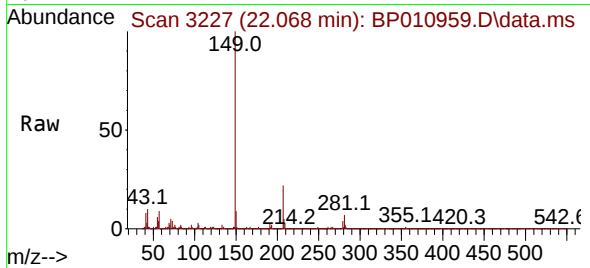




#89
Di-n-octyl phthalate
Concen: 12.551 ng/ul
RT: 22.068 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

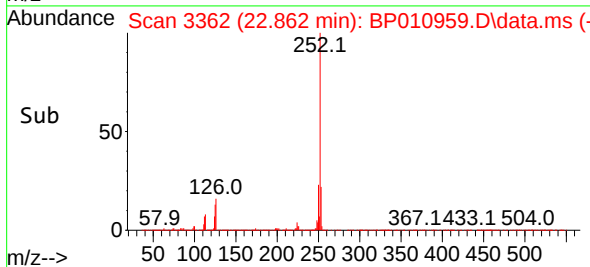
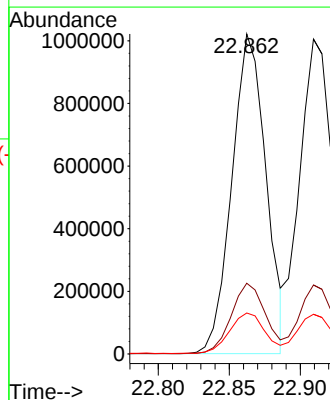
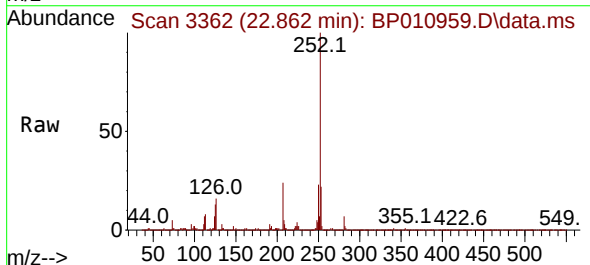
Instrument :
BNA_P
ClientSampleId :
SSTD020697

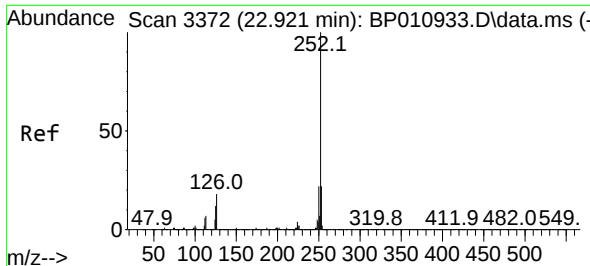
Tgt Ion:149 Resp: 1251208



#90
Benzo(b)fluoranthene
Concen: 16.313 ng/ul
RT: 22.862 min Scan# 3362
Delta R.T. -0.012 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:252 Resp: 1703801
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 12.8 6.2 9.2#

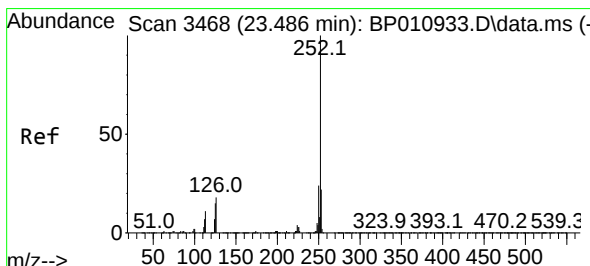
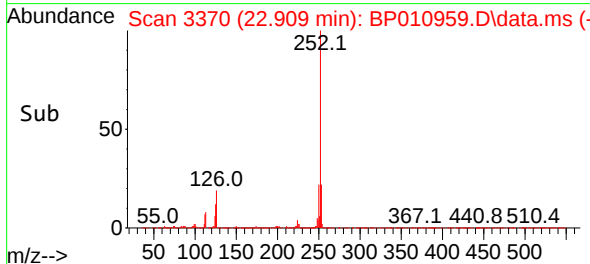
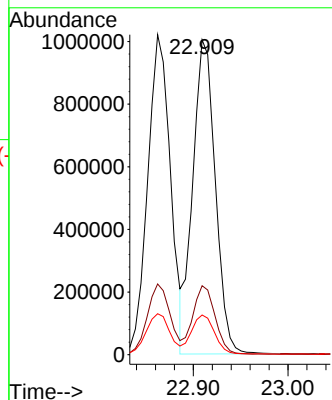
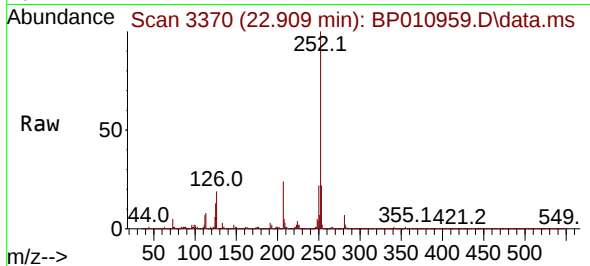




#91
Benzo(k)fluoranthene
Concen: 16.706 ng/ul
RT: 22.909 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

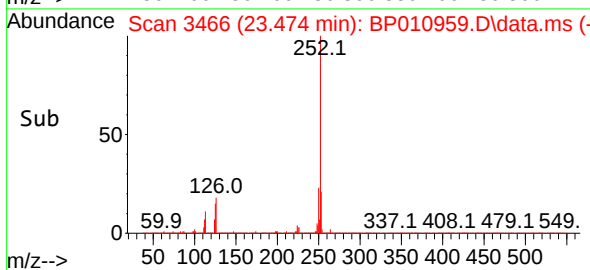
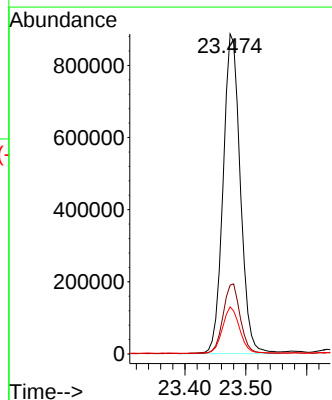
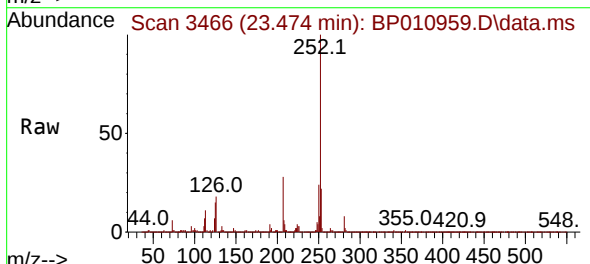
Instrument :
BNA_P
ClientSampleId :
SSTD020697

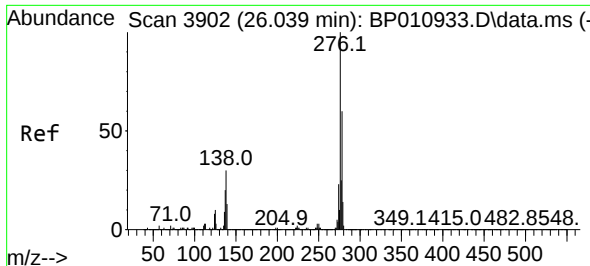
Tgt Ion:252 Resp: 1658535
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 12.6 6.2 9.4#



#93
Benzo(a)pyrene
Concen: 17.135 ng/ul
RT: 23.474 min Scan# 3466
Delta R.T. -0.018 min
Lab File: BP010959.D
Acq: 11 Jul 2022 20:59

Tgt Ion:252 Resp: 1741007
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 14.7 6.6 10.0#

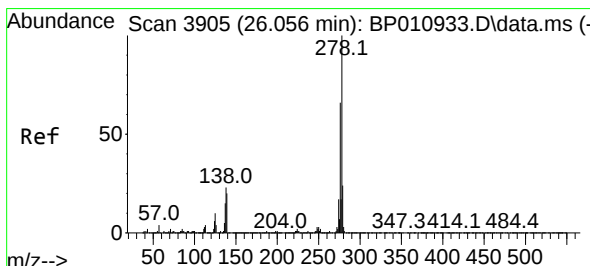
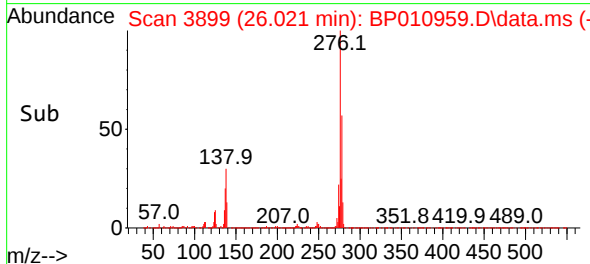
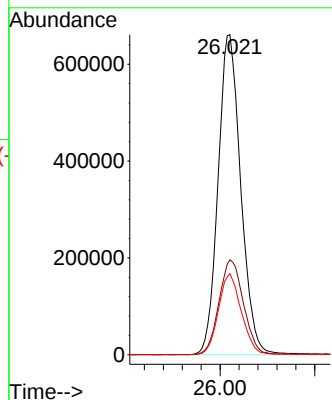
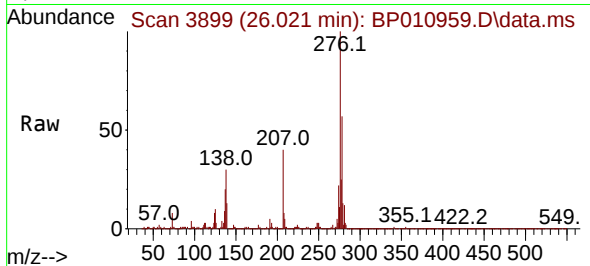




#94
 Indeno(1,2,3-cd)pyrene
 Concen: 17.901 ng/ul
 RT: 26.021 min Scan# 3902
 Delta R.T. -0.018 min
 Lab File: BP010959.D
 Acq: 11 Jul 2022 20:59

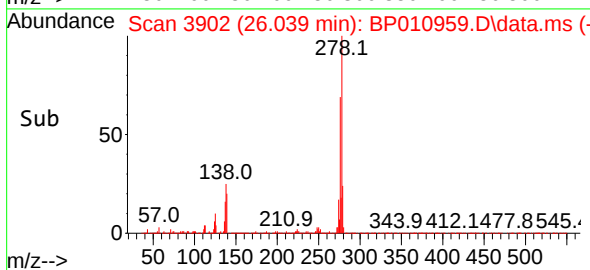
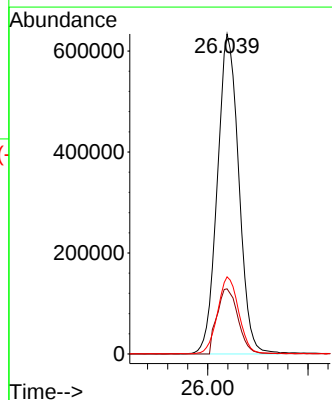
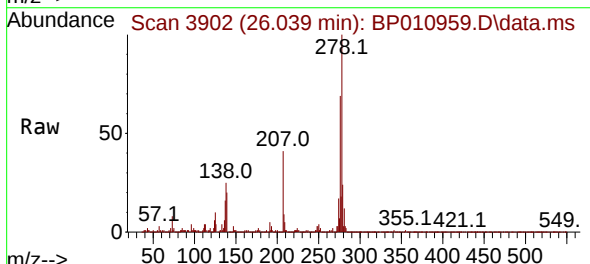
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020697

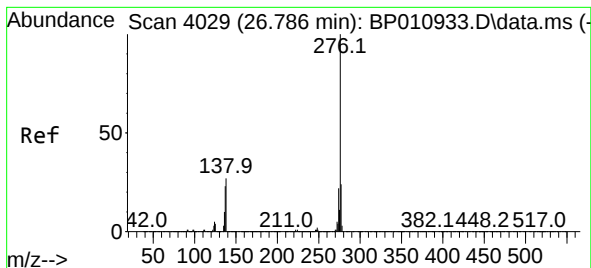
Tgt Ion:276 Resp: 2194709
 Ion Ratio Lower Upper
 276 100
 138 29.7 14.6 22.0#
 277 25.3 19.6 29.4



#95
 Dibenzo(a,h)anthracene
 Concen: 17.893 ng/ul
 RT: 26.039 min Scan# 3902
 Delta R.T. -0.024 min
 Lab File: BP010959.D
 Acq: 11 Jul 2022 20:59

Tgt Ion:278 Resp: 1881723
 Ion Ratio Lower Upper
 278 100
 139 20.4 9.4 14.2#
 279 24.1 18.9 28.3





#96

Benzo(g,h,i)perylene

Concen: 18.163 ng/ul

RT: 26.768 min Scan# 40

Delta R.T. -0.024 min

Lab File: BP010959.D

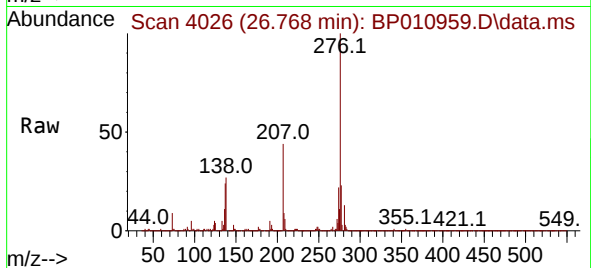
Acq: 11 Jul 2022 20:59

Instrument :

BNA_P

ClientSampleId :

SSTD020697



Tgt Ion:276 Resp: 1894195

Ion Ratio Lower Upper

276 100

138 26.8 12.7 19.1#

277 23.1 18.2 27.4

