

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
 Data File : BP022992.D
 Acq On : 10 Nov 2024 08:51
 Operator : RC/JU
 Sample : PB164815BS
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS815

Quant Time: Nov 10 22:36:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 08 23:49:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	70676	20.000	ng/u1	0.00
20) Naphthalene-d8	10.340	136	284689	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.204	164	245422	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.010	188	649156	20.000	ng/u1	-0.02
79) Chrysene-d12	21.451	240	779335	20.000	ng/u1	0.00
88) Perylene-d12	24.668	264	937926	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	8931	6.074	ng/uL	0.00
4) Pyridine-d5	3.552	84	129693	29.688	ng/u1	0.00
7) Phenol-d5	6.793	99	172093	32.935	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	95399	31.075	ng/u1	0.00
11) 2-Chlorophenol-d4	7.140	132	128340	33.537	ng/u1	0.00
15) 4-Methylphenol-d8	8.305	113	140890	32.766	ng/u1	0.00
21) Nitrobenzene-d5	8.734	128	63366	31.972	ng/u1	0.00
24) 2-Nitrophenol-d4	9.446	143	77412	32.763	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	169771	34.310	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.487	131	170606	28.901	ng/u1	-0.01
46) Dimethylphthalate-d6	13.622	166	555157	31.386	ng/u1	0.00
49) Acenaphthylene-d8	13.898	160	594167	32.193	ng/u1	0.00
54) 4-Nitrophenol-d4	14.457	143	88593	33.328	ng/u1	-0.01
60) Fluorene-d10	15.216	176	492317	31.746	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.375	200	126429	32.511	ng/u1	0.00
73) Anthracene-d10	17.128	188	866347	31.520	ng/u1	0.00
81) Pyrene-d10	19.492	212	1157784	32.253	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.439	264	1513843	33.884	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	18414	10.839	ng/uL	98
5) Pyridine	3.570	79	130649	29.780	ng/u1	99
6) Benzaldehyde	6.764	77	45892	15.262	ng/u1	94
8) Phenol	6.816	94	177189	32.473	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.028	93	127830	31.176	ng/u1	97
12) 2-Chlorophenol	7.169	128	131936	33.207	ng/u1	99
13) 2-Methylphenol	8.040	108	132922	32.635	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.099	45	144772	31.189	ng/u1	95
16) Acetophenone	8.405	105	228075	31.565	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.387	70	118724	32.907	ng/u1	99
18) 4-Methylphenol	8.363	108	144773	32.180	ng/u1	97
19) Hexachloroethane	8.640	117	57433	29.889	ng/u1	96
22) Nitrobenzene	8.775	77	183509	32.269	ng/u1	97
23) Isophorone	9.293	82	328555	32.310	ng/u1	99
25) 2-Nitrophenol	9.475	139	82759	33.184	ng/u1	96
26) 2,4-Dimethylphenol	9.540	107	154521	28.693	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.763	93	180049	32.180	ng/u1	97
29) 2,4-Dichlorophenol	10.005	162	164555	33.574	ng/u1	98
30) Naphthalene	10.387	128	433963	31.377	ng/u1	98
32) 4-Chloroaniline	10.505	127	111187	19.441	ng/u1	96
33) Hexachlorobutadiene	10.663	225	135525	30.560	ng/u1	99
34) Caprolactam	11.299	113	35396	24.280	ng/u1	94
35) 4-Chloro-3-methylphenol	11.646	107	183515	34.805	ng/u1	96
36) 2-Methylnaphthalene	11.999	142	337688	32.340	ng/u1	96

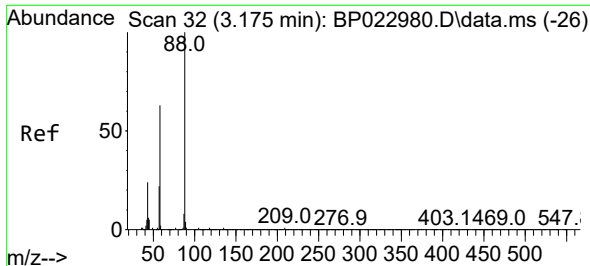
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.222	142	333967	31.287	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.375	216	255906	30.886	ng/ul	97
40) Hexachlorocyclopentadiene	12.346	237	118427	27.213	ng/ul	98
41) 2,4,6-Trichlorophenol	12.628	196	159922	31.698	ng/ul	97
42) 2,4,5-Trichlorophenol	12.710	196	183756	33.784	ng/ul	95
43) 1,1'-Biphenyl	13.022	154	495447	31.505	ng/ul	100
44) 2-Chloronaphthalene	13.069	162	407605	31.707	ng/ul	100
45) 2-Nitroaniline	13.298	65	127312	35.271	ng/ul	91
47) Dimethylphthalate	13.669	163	557468	31.957	ng/ul	99
48) 2,6-Dinitrotoluene	13.793	165	117821	34.722	ng/ul	97
50) Acenaphthylene	13.928	152	608872	32.636	ng/ul	100
51) 3-Nitroaniline	14.128	138	98484	33.697	ng/ul	96
52) Acenaphthene	14.281	153	433754	32.024	ng/ul	99
53) 2,4-Dinitrophenol	14.369	184	80983	33.635	ng/ul	97
55) 4-Nitrophenol	14.475	109	110232	35.444	ng/ul	97
56) Dibenzofuran	14.628	168	673699	32.193	ng/ul	100
57) 2,4-Dinitrotoluene	14.610	165	184211	34.062	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.851	232	175309	32.974	ng/ul	98
59) Diethylphthalate	15.051	149	562940	32.629	ng/ul	100
61) Fluorene	15.275	166	557373	32.541	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.275	204	324174	32.143	ng/ul	97
63) 4-Nitroaniline	15.328	138	109266	40.178	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.387	198	133758	32.199	ng/ul#	97
67) N-Nitrosodiphenylamine	15.492	169	489172	32.611	ng/ul	98
68) 4-Bromophenyl-phenylether	16.187	248	237338	32.286	ng/ul	97
69) Hexachlorobenzene	16.304	284	293087	31.671	ng/ul	99
70) Atrazine	16.475	200	173669	23.951	ng/ul	98
71) Pentachlorophenol	16.663	266	169669	29.531	ng/ul	100
72) Phenanthrene	17.057	178	998338	32.572	ng/ul	99
74) Anthracene	17.163	178	987797	32.055	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.993	216	259626	30.292	ng/uL	98
76) Pentachlorobenzene	14.534	250	299087	30.561	ng/uL	98
77) Carbazole	17.451	167	893663	33.240	ng/ul	100
78) Di-n-butylphthalate	18.016	149	1012912	33.951	ng/ul	100
80) Fluoranthene	19.145	202	1358574	32.851	ng/ul	99
82) Pyrene	19.528	202	1439867	32.410	ng/ul	99
83) Butylbenzylphthalate	20.486	149	501651	34.296	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.357	252	576306	32.944	ng/ul	100
85) Benzo(a)anthracene	21.427	228	1568708	32.965	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	736298	35.423	ng/ul	98
87) Chrysene	21.498	228	1460426	32.616	ng/ul	99
89) Di-n-octyl phthalate	22.580	149	1234994	32.456	ng/ul	100
90) Benzo(b)fluoranthene	23.645	252	1766278	33.834	ng/ul	99
91) Benzo(k)fluoranthene	23.721	252	1725123	33.568	ng/ul#	98
93) Benzo(a)pyrene	24.521	252	1568511	33.237	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.309	276	1032935	15.710	ng/ul	99
95) Dibenzo(a,h)anthracene	28.386	278	1709626	32.024	ng/ul	99
96) Benzo(g,h,i)perylene	29.421	276	880738	17.636	ng/ul	100

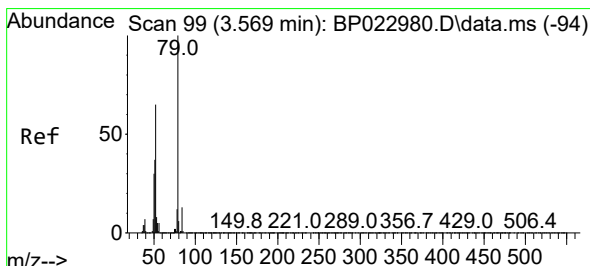
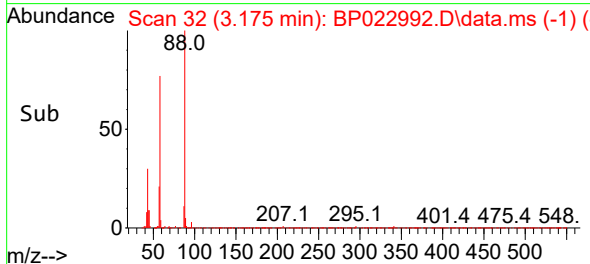
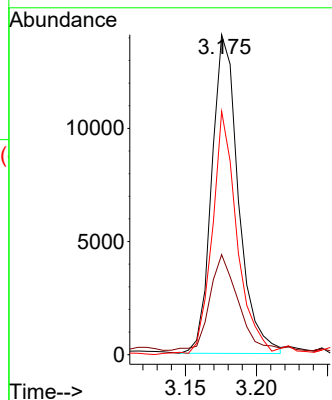
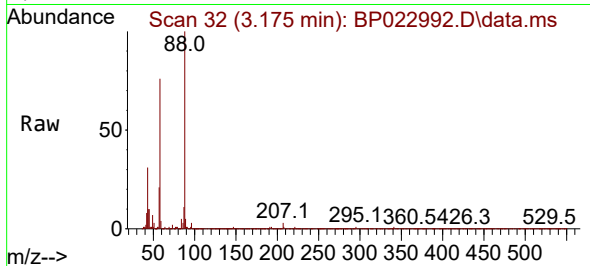
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#2
1,4-Dioxane
Concen: 10.839 ng/uL
RT: 3.175 min Scan# 31
Delta R.T. 0.000 min
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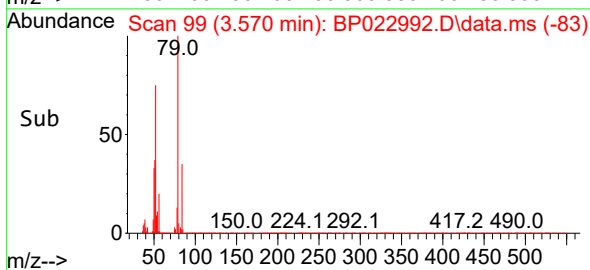
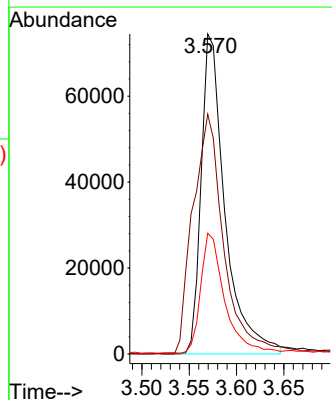
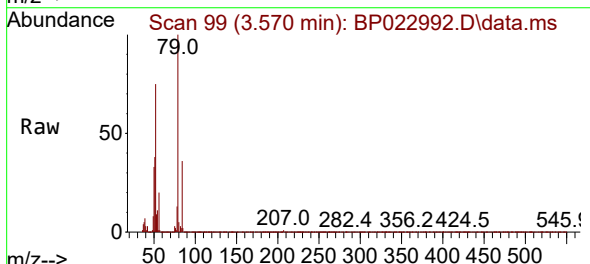
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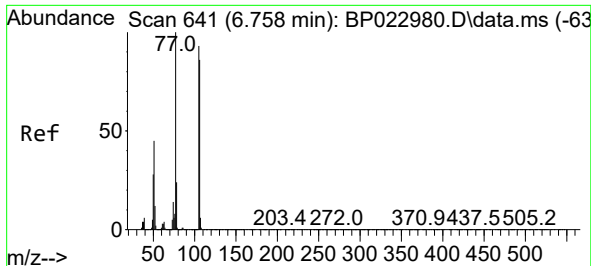
Tgt Ion:	88	Resp:	18414
Ion	Ratio	Lower	Upper
88	100		
43	31.3	24.2	36.4
58	76.1	59.2	88.8



#5
Pyridine
Concen: 29.780 ng/uL
RT: 3.570 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:	79	Resp:	130649
Ion	Ratio	Lower	Upper
79	100		
52	75.0	59.5	89.3
51	37.7	30.4	45.6

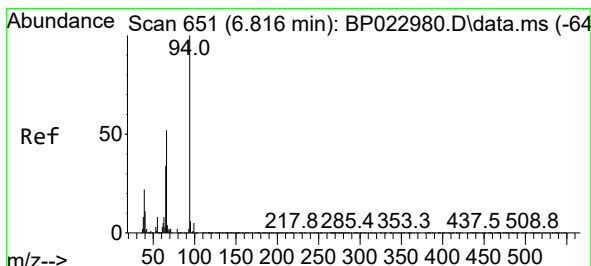
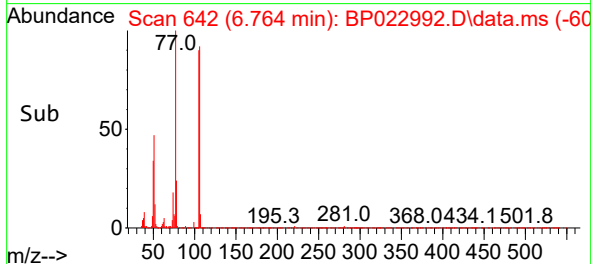
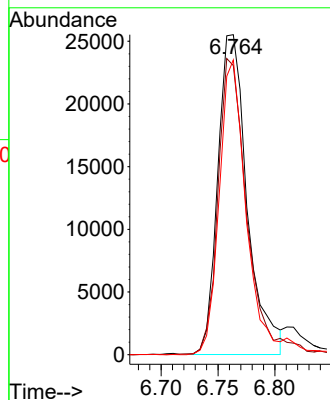
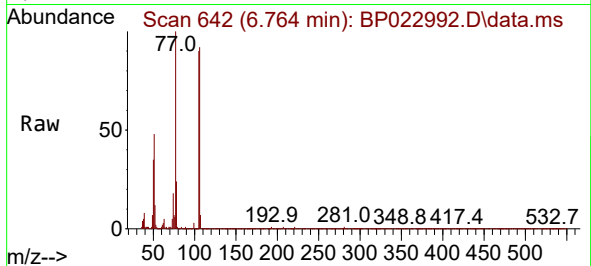




#6
Benzaldehyde
Concen: 15.262 ng/ul
RT: 6.764 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

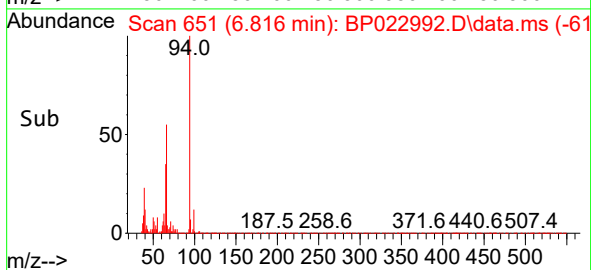
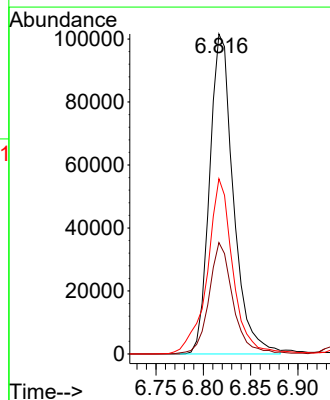
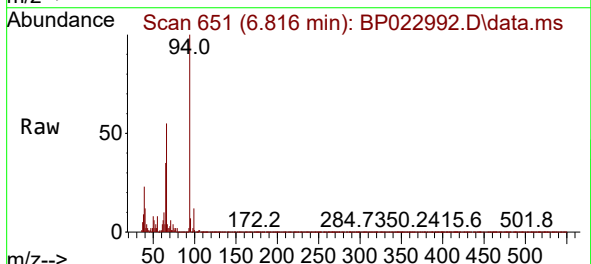
Instrument :
BNA_P
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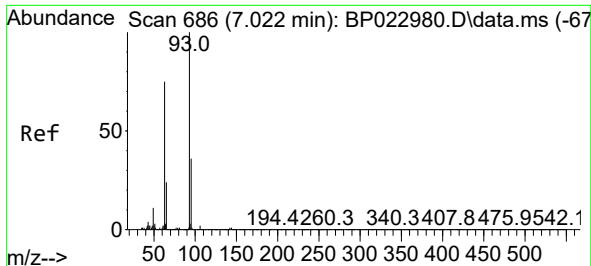
Tgt Ion: 77 Resp: 45892
Ion Ratio Lower Upper
77 100
105 90.3 72.5 108.7
106 92.1 65.5 98.3



#8
Phenol
Concen: 32.473 ng/ul
RT: 6.816 min Scan# 651
Delta R.T. -0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion: 94 Resp: 177189
Ion Ratio Lower Upper
94 100
65 34.8 26.2 39.4
66 54.8 40.2 60.4

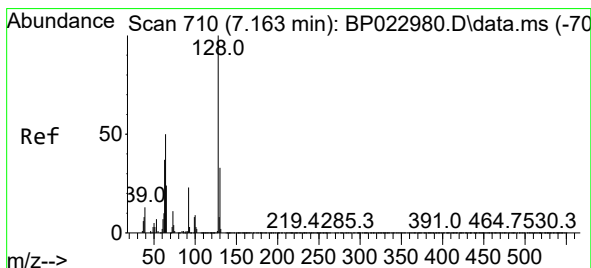
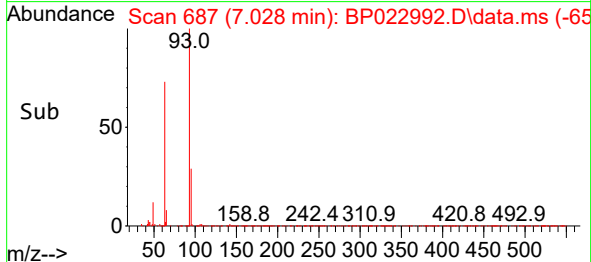
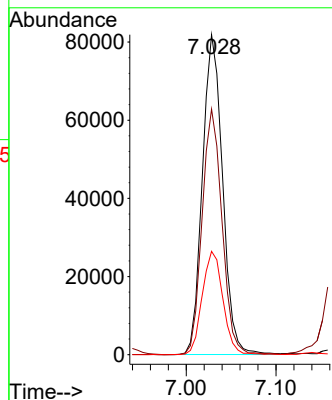
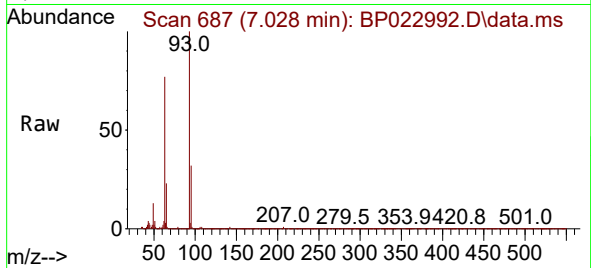




#10
Bis(2-Chloroethyl)ether
Concen: 31.176 ng/ul
RT: 7.028 min Scan# 610
Delta R.T. -0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

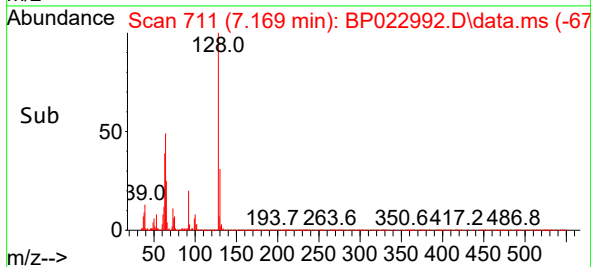
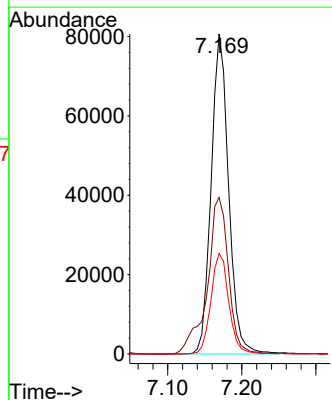
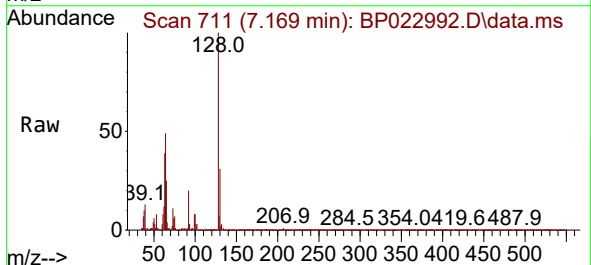
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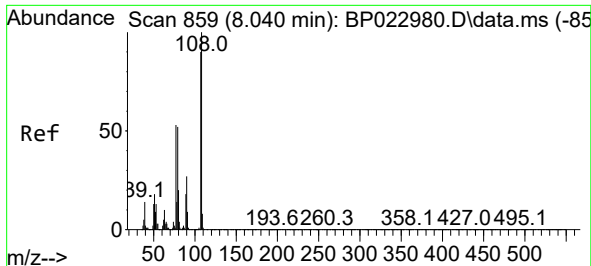
Tgt Ion: 93 Resp: 127830
Ion Ratio Lower Upper
93 100
63 76.8 60.6 91.0
95 32.3 29.0 43.4



#12
2-Chlorophenol
Concen: 33.207 ng/ul
RT: 7.169 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:128 Resp: 131936
Ion Ratio Lower Upper
128 100
64 48.9 39.0 58.6
130 31.4 26.4 39.6

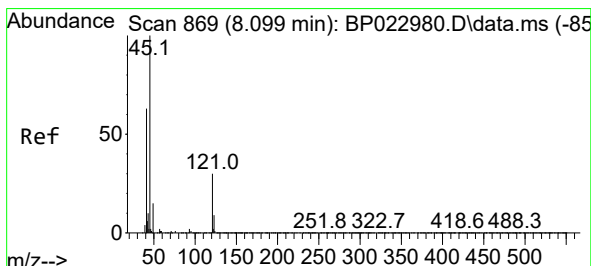
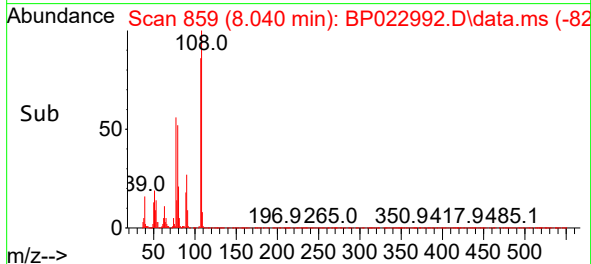
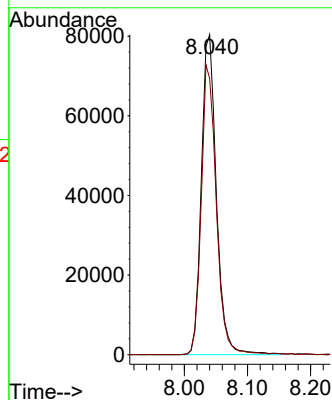
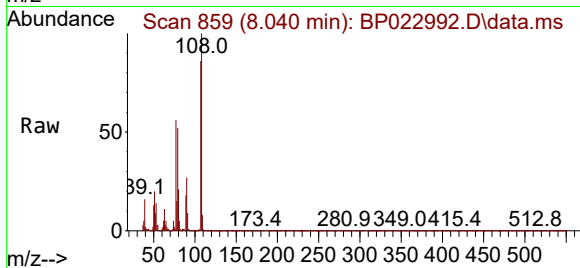




#13
2-Methylphenol
Concen: 32.635 ng/ul
RT: 8.040 min Scan# 859
Delta R.T. 0.000 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

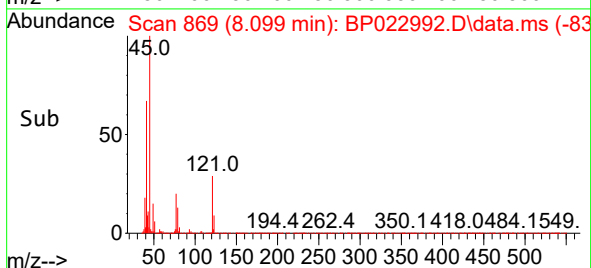
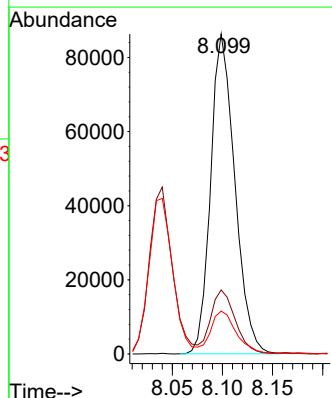
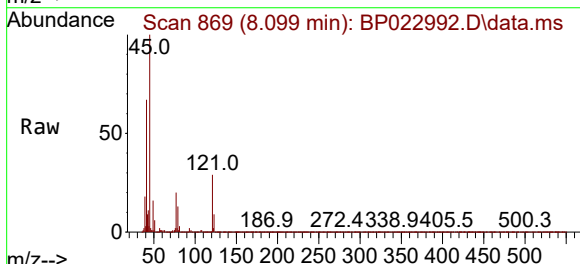
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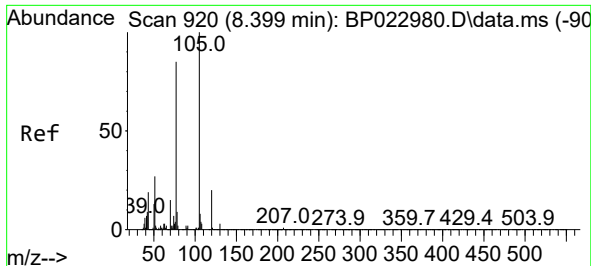
Tgt Ion:108 Resp: 132922
Ion Ratio Lower Upper
108 100
107 86.3 73.3 109.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 31.189 ng/ul
RT: 8.099 min Scan# 869
Delta R.T. 0.000 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion: 45 Resp: 144772
Ion Ratio Lower Upper
45 100
77 20.0 18.2 27.2
79 13.4 11.7 17.5

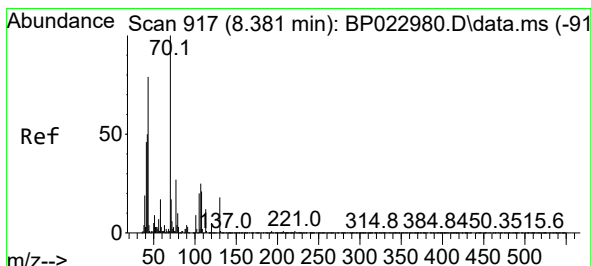
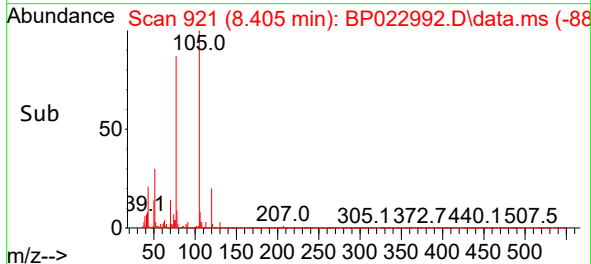
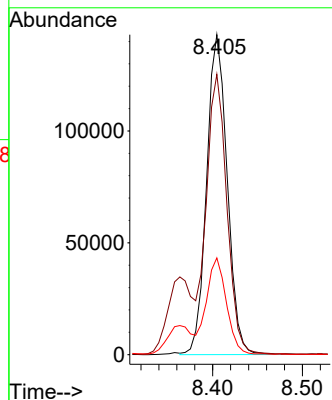
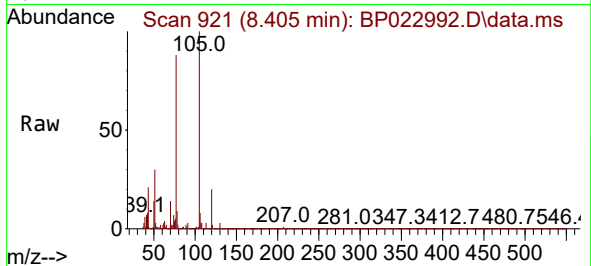




#16
Acetophenone
Concen: 31.565 ng/ul
RT: 8.405 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP022992.D
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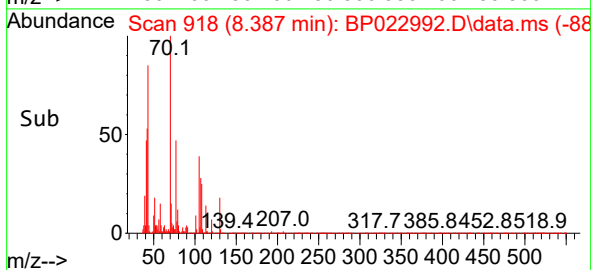
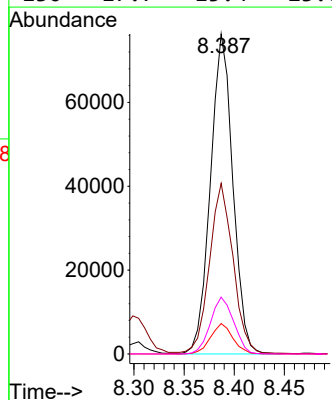
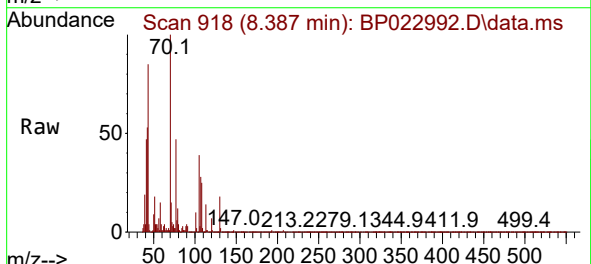
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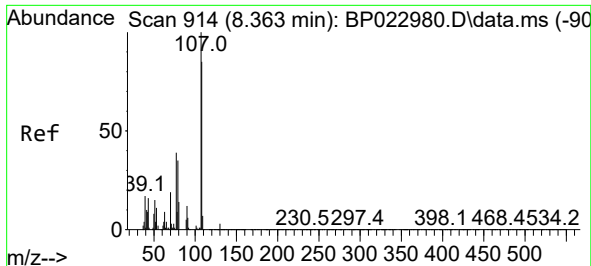
Tgt Ion:105 Resp: 228075
Ion Ratio Lower Upper
105 100
77 87.6 69.4 104.0
51 30.2 23.2 34.8



#17
N-Nitroso-di-n-propylamine
Concen: 32.907 ng/ul
RT: 8.387 min Scan# 918
Delta R.T. 0.000 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion: 70 Resp: 118724
Ion Ratio Lower Upper
70 100
42 53.3 42.3 63.5
101 9.5 7.4 11.2
130 17.7 15.4 23.0

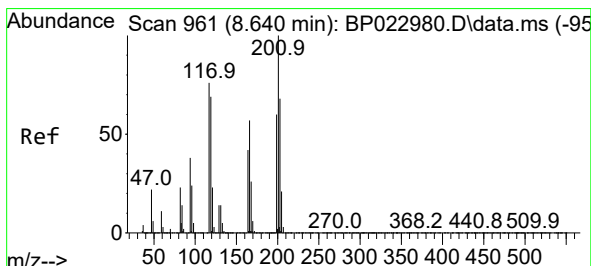
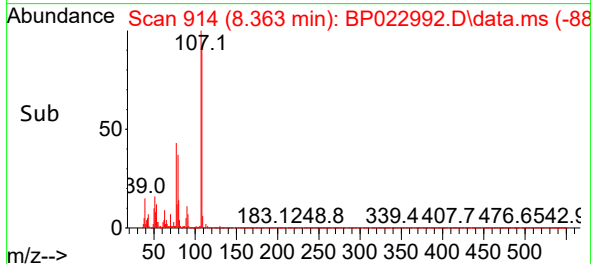
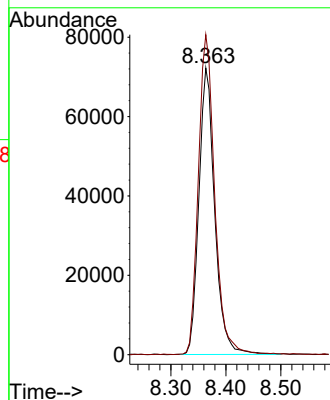
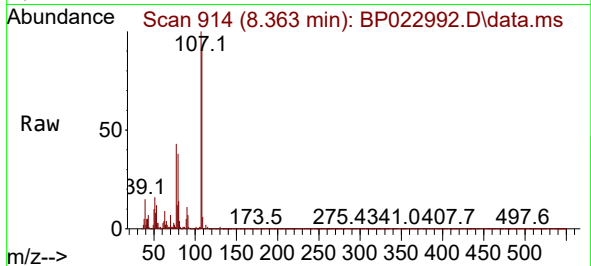




#18
4-Methylphenol
Concen: 32.180 ng/ul
RT: 8.363 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

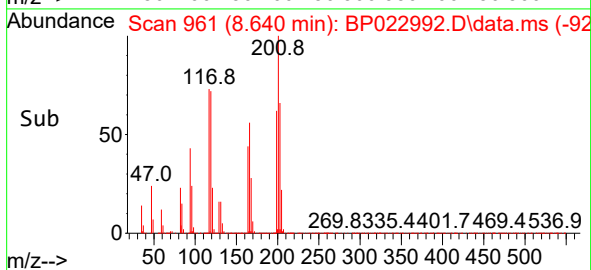
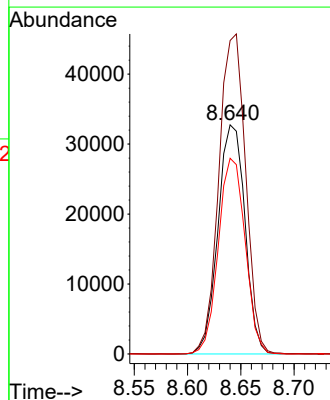
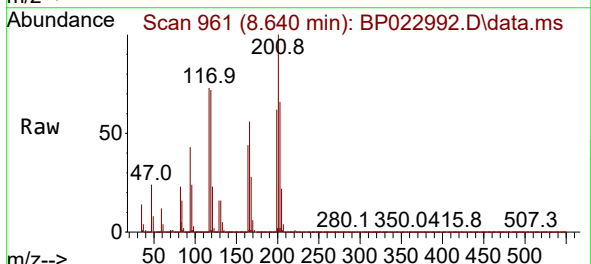
Instrument :
BNA_P
ClientSampleId :
SLCS815

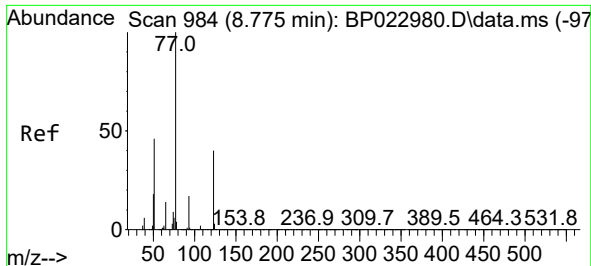
Tgt Ion:108 Resp: 144773
Ion Ratio Lower Upper
108 100
107 111.6 91.5 137.3



#19
Hexachloroethane
Concen: 29.889 ng/ul
RT: 8.640 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:117 Resp: 57433
Ion Ratio Lower Upper
117 100
201 136.8 105.0 157.6
199 85.4 65.9 98.9

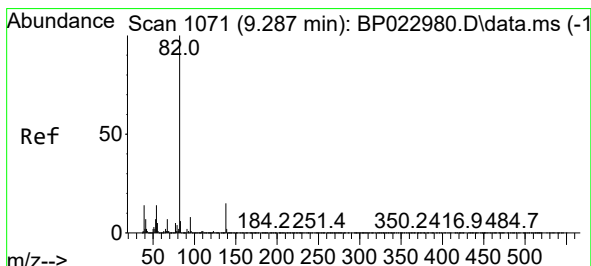
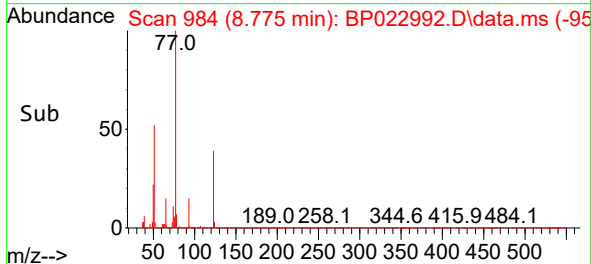
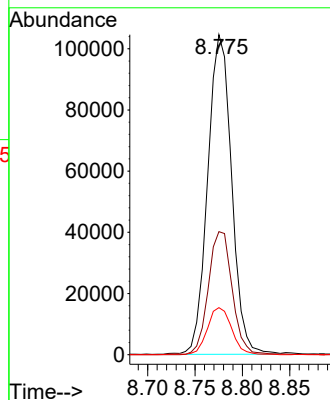
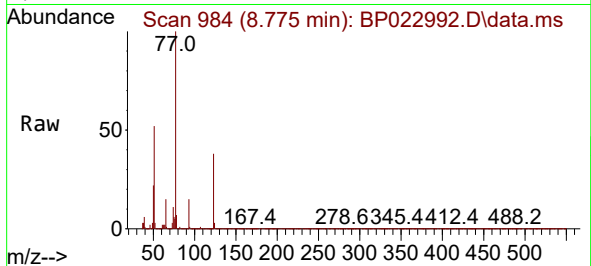




#22
Nitrobenzene
Concen: 32.269 ng/ul
RT: 8.775 min Scan# 984
Delta R.T. 0.000 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

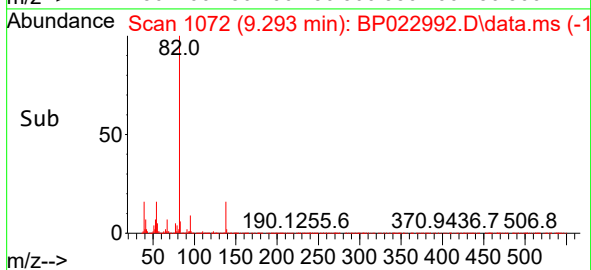
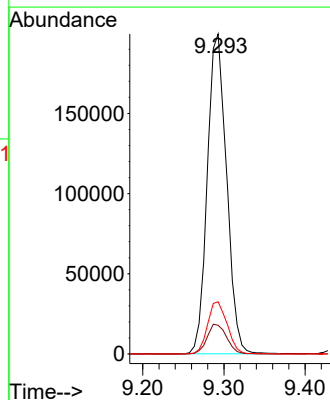
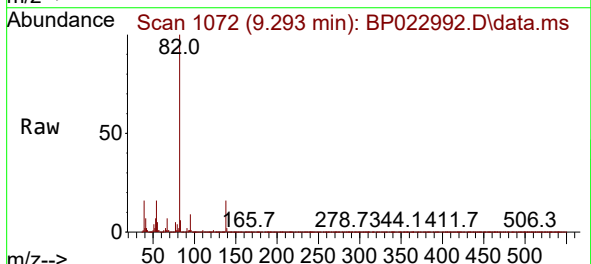
Instrument :
BNA_P
ClientSampleId :
SLCS815

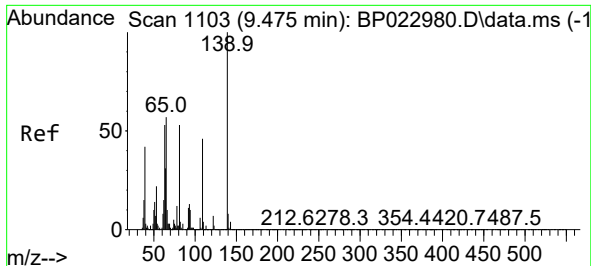
Tgt Ion: 77 Resp: 183509
Ion Ratio Lower Upper
77 100
123 38.4 32.2 48.4
65 14.7 10.9 16.3



#23
Isophorone
Concen: 32.310 ng/ul
RT: 9.293 min Scan# 1072
Delta R.T. -0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion: 82 Resp: 328555
Ion Ratio Lower Upper
82 100
95 8.9 7.6 11.4
138 16.3 13.4 20.2

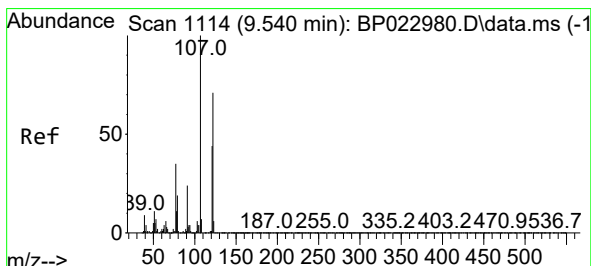
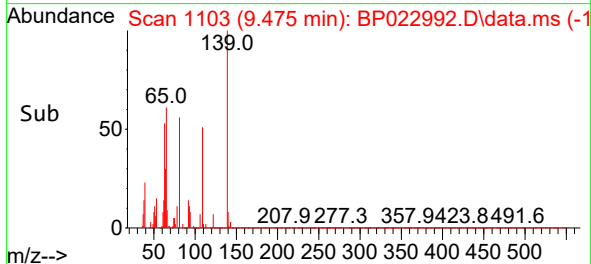
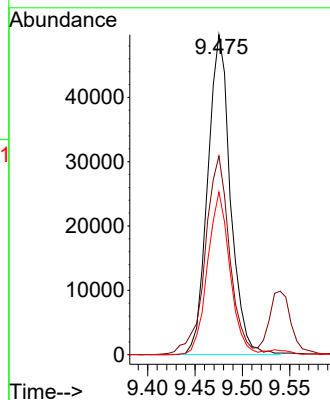
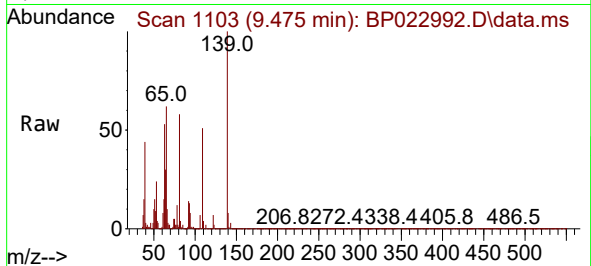




#25
2-Nitrophenol
Concen: 33.184 ng/ul
RT: 9.475 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

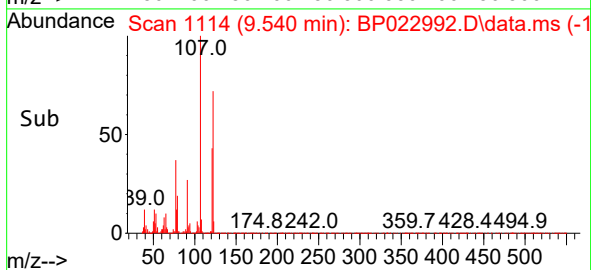
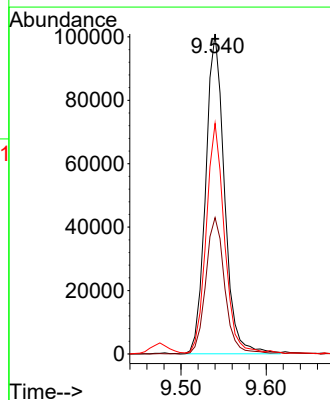
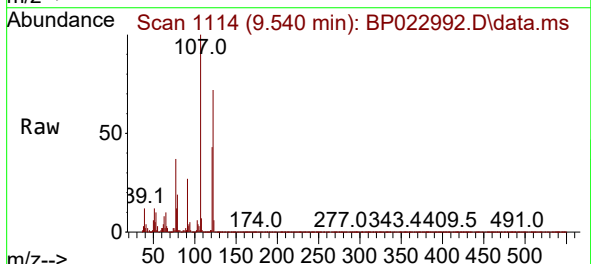
Instrument :
BNA_P
ClientSampleId :
SLCS815

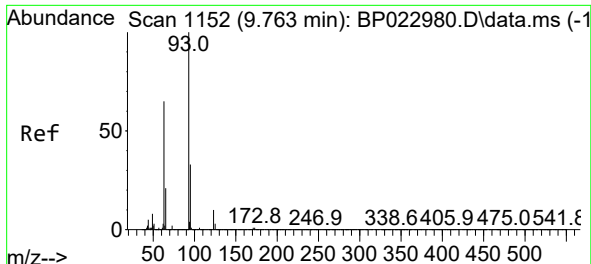
Tgt Ion:139 Resp: 82759
Ion Ratio Lower Upper
139 100
65 62.1 52.8 79.2
109 50.9 38.9 58.3



#26
2,4-Dimethylphenol
Concen: 28.693 ng/ul
RT: 9.540 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:107 Resp: 154521
Ion Ratio Lower Upper
107 100
121 42.6 34.4 51.6
122 72.0 56.7 85.1

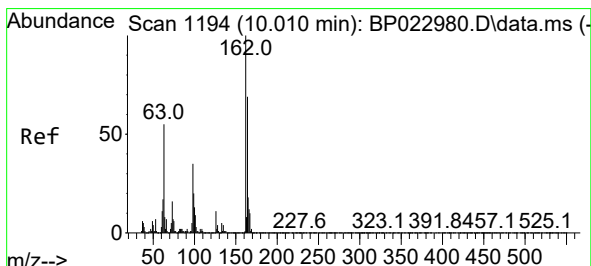
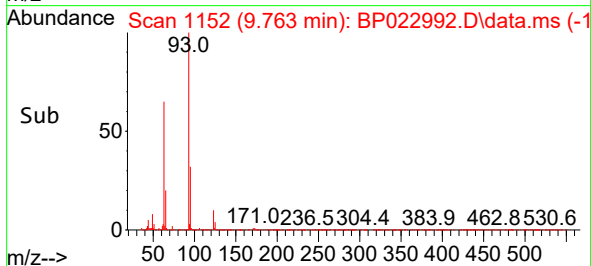
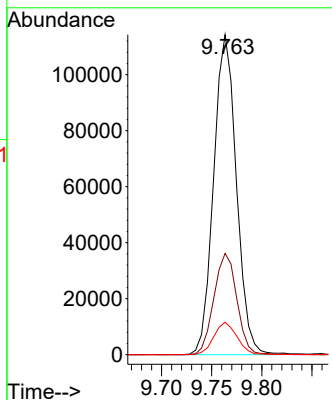
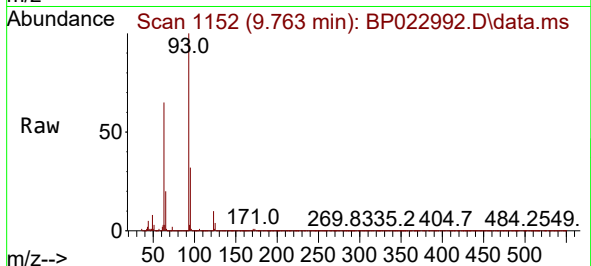




#27
Bis(2-Chloroethoxy)methane
Concen: 32.180 ng/ul
RT: 9.763 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

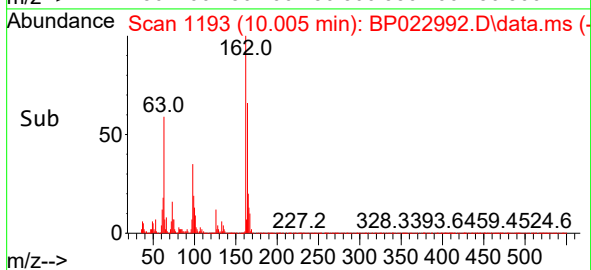
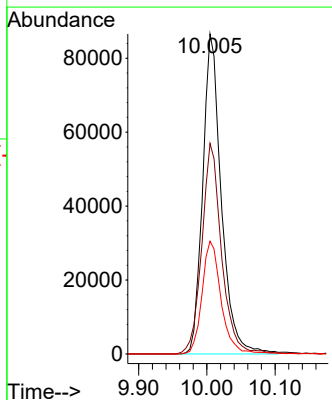
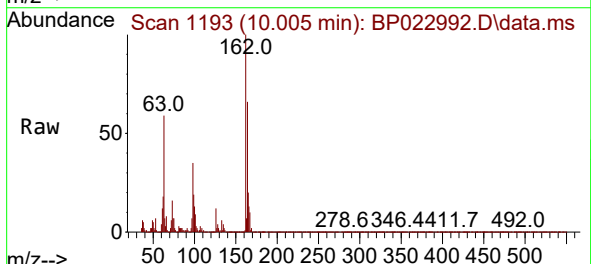
Instrument :
BNA_P
ClientSampleId :
SLCS815

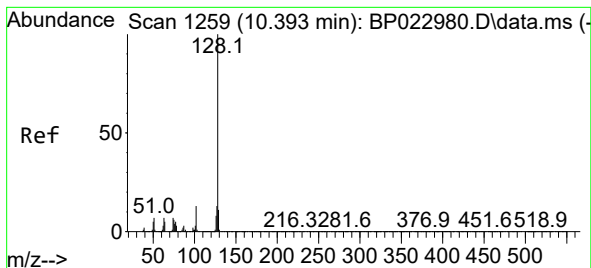
Tgt Ion: 93 Resp: 180049
Ion Ratio Lower Upper
93 100
95 31.6 27.0 40.6
123 10.1 8.2 12.4



#29
2,4-Dichlorophenol
Concen: 33.574 ng/ul
RT: 10.005 min Scan# 1193
Delta R.T. -0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:162 Resp: 164555
Ion Ratio Lower Upper
162 100
164 65.8 51.4 77.0
98 35.3 27.0 40.6

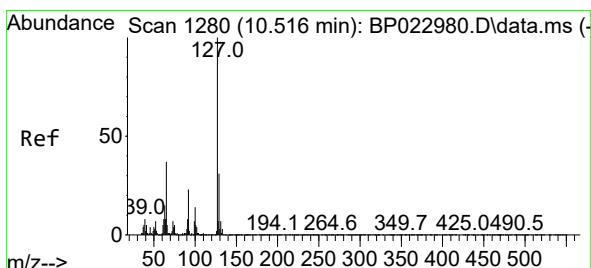
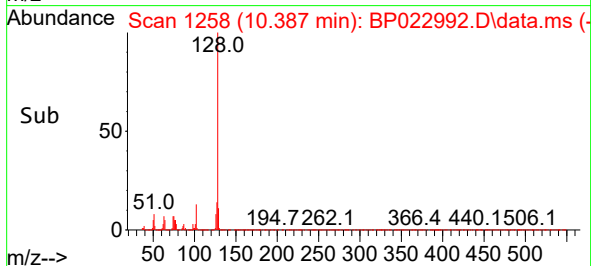
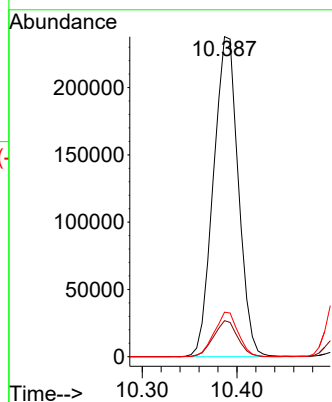
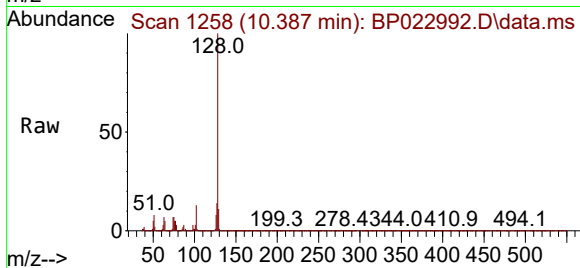




#30
Naphthalene
Concen: 31.377 ng/ul
RT: 10.387 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

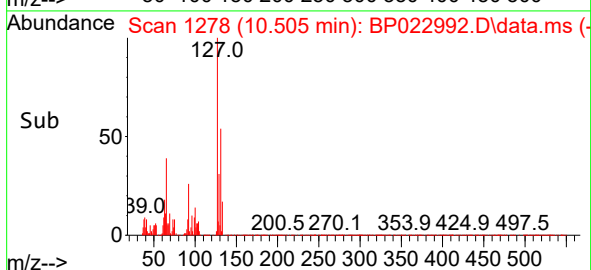
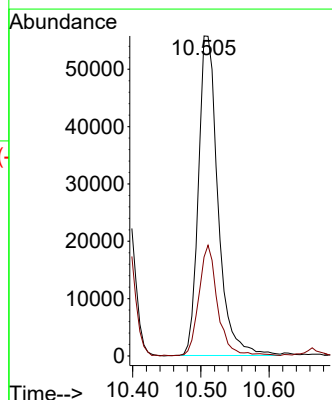
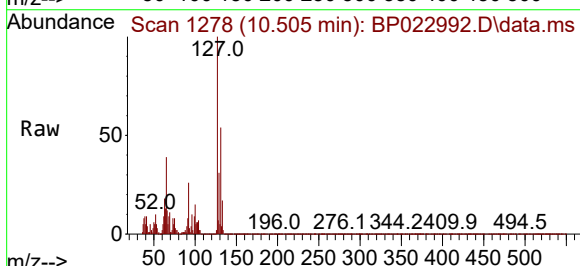
Instrument :
BNA_P
ClientSampleId :
SLCS815

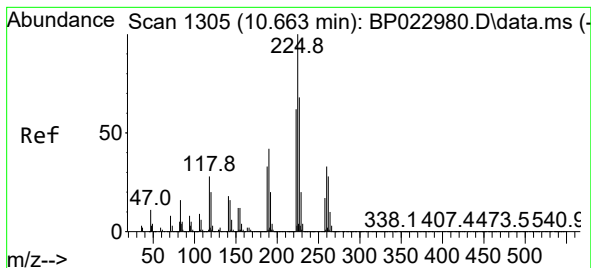
Tgt Ion:128 Resp: 433963
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.9 10.2 15.2



#32
4-Chloroaniline
Concen: 19.441 ng/ul
RT: 10.505 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:127 Resp: 111187
Ion Ratio Lower Upper
127 100
129 30.9 26.4 39.6

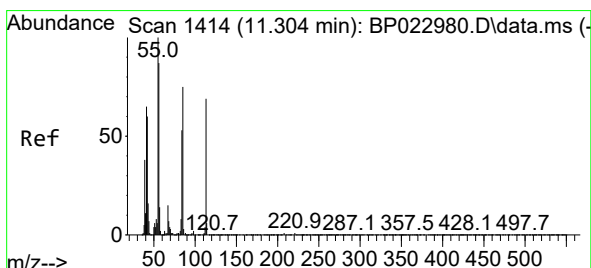
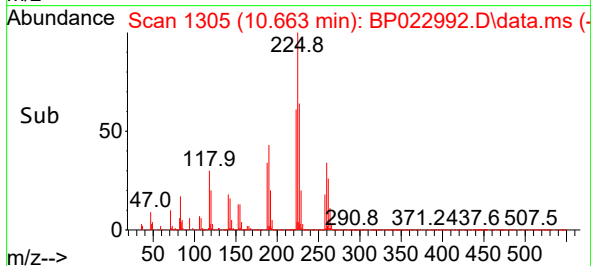
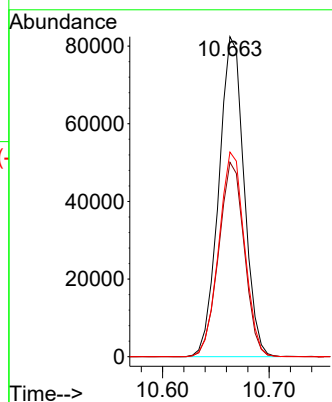
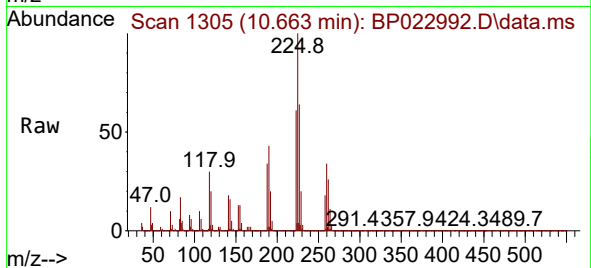




#33
Hexachlorobutadiene
Concen: 30.560 ng/ul
RT: 10.663 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

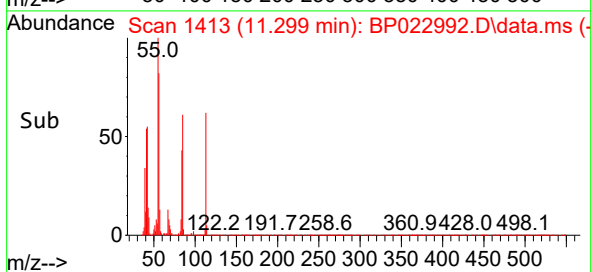
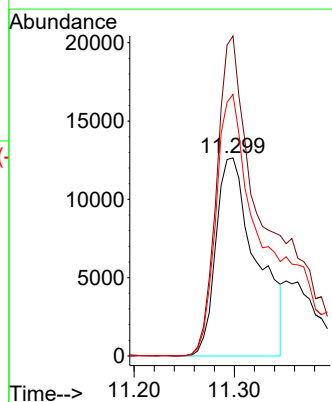
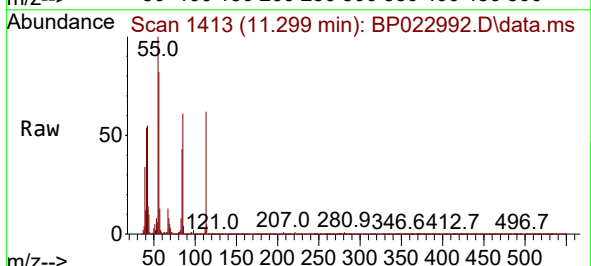
Instrument :
BNA_P
ClientSampleId :
SLCS815

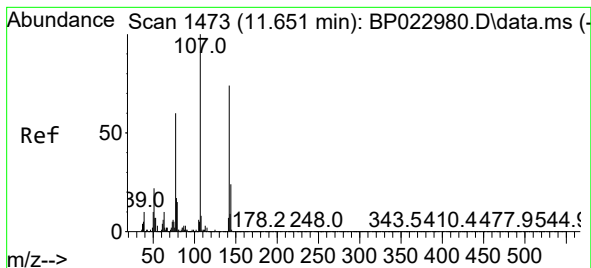
Tgt Ion:225 Resp: 135525
Ion Ratio Lower Upper
225 100
223 60.7 49.7 74.5
227 64.0 51.4 77.0



#34
Caprolactam
Concen: 24.280 ng/ul
RT: 11.299 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:113 Resp: 35396
Ion Ratio Lower Upper
113 100
55 161.5 123.0 184.6
56 132.0 99.8 149.8

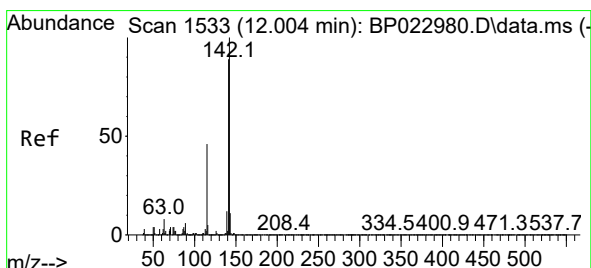
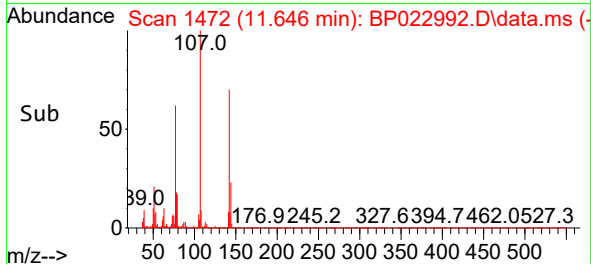
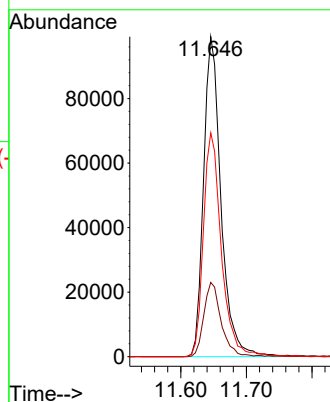
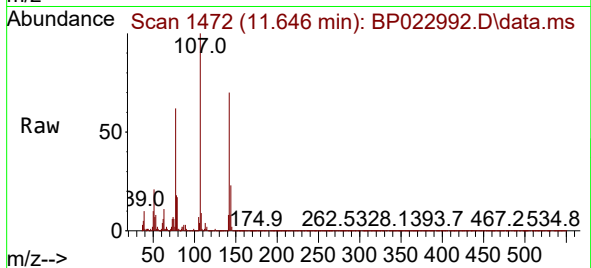




#35
4-Chloro-3-methylphenol
Concen: 34.805 ng/ul
RT: 11.646 min Scan# 1473
Delta R.T. -0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

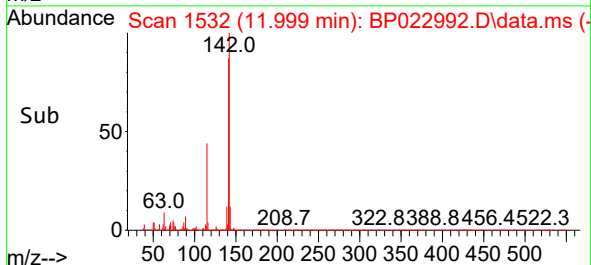
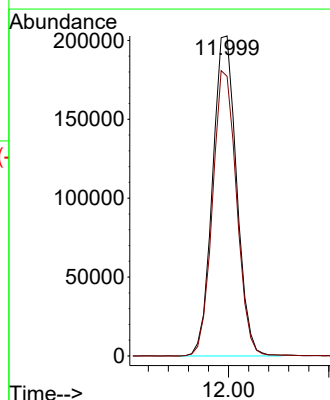
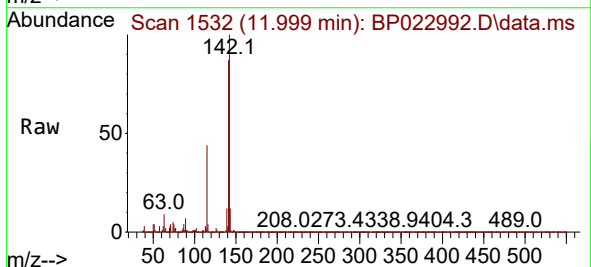
Instrument :
BNA_P
ClientSampleId :
SLCS815

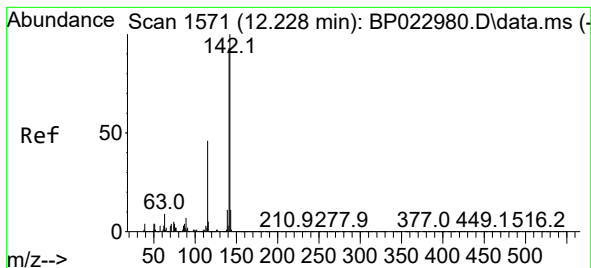
Tgt Ion:107 Resp: 183515
Ion Ratio Lower Upper
107 100
144 23.2 18.8 28.2
142 70.0 59.8 89.8



#36
2-Methylnaphthalene
Concen: 32.340 ng/ul
RT: 11.999 min Scan# 1532
Delta R.T. -0.017 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:142 Resp: 337688
Ion Ratio Lower Upper
142 100
141 87.4 73.1 109.7





#37

1-Methylnaphthalene

Concen: 31.287 ng/ul

RT: 12.222 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BP022992.D

Acq: 10 Nov 2024 08:51

Instrument :

BNA_P

ClientSampleId :

SLCS815

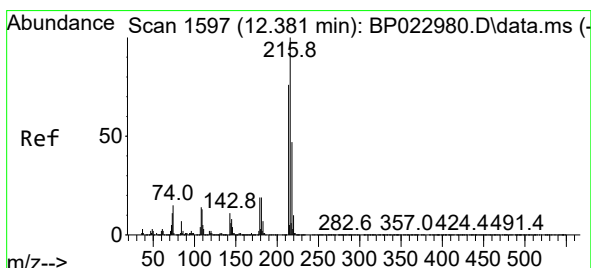
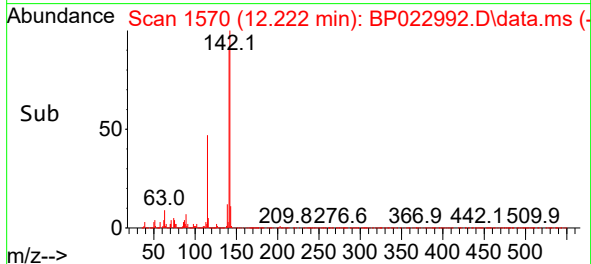
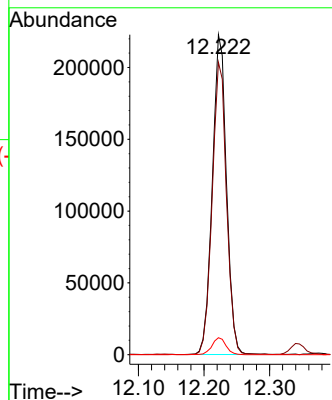
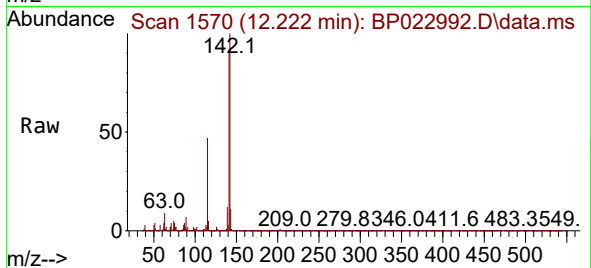
Tgt Ion:142 Resp: 333967

Ion Ratio Lower Upper

142 100

141 91.3 73.8 110.8

116 5.3 4.2 6.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.886 ng/ul

RT: 12.375 min Scan# 1596

Delta R.T. -0.012 min

Lab File: BP022992.D

Acq: 10 Nov 2024 08:51

Tgt Ion:216 Resp: 255906

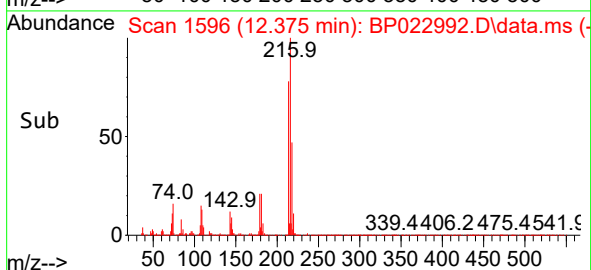
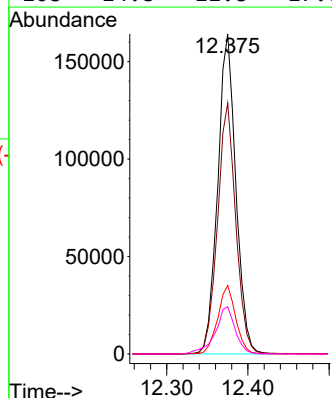
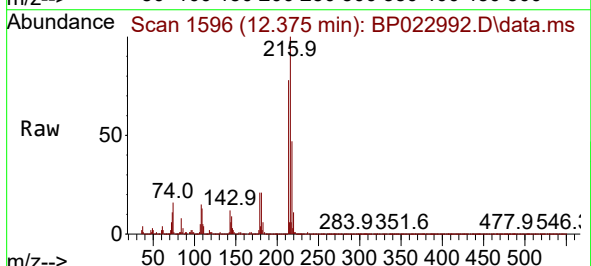
Ion Ratio Lower Upper

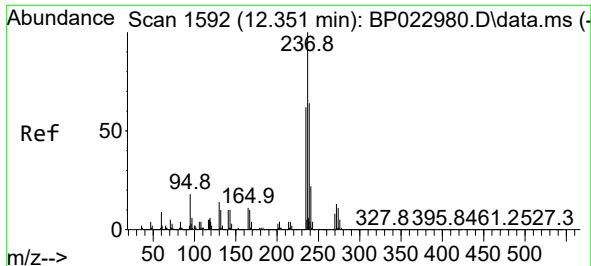
216 100

214 78.5 59.4 89.2

179 21.4 17.3 25.9

108 14.8 11.8 17.6

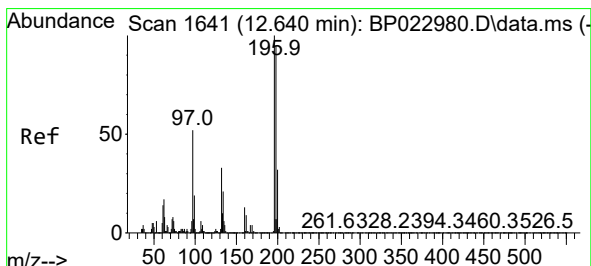
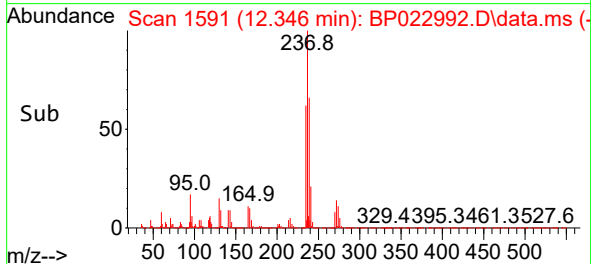
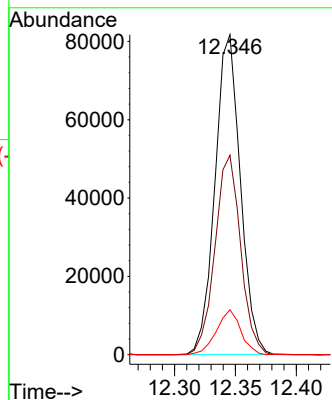
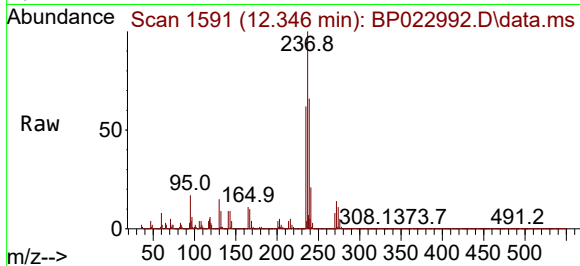




#40
Hexachlorocyclopentadiene
Concen: 27.213 ng/ul
RT: 12.346 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

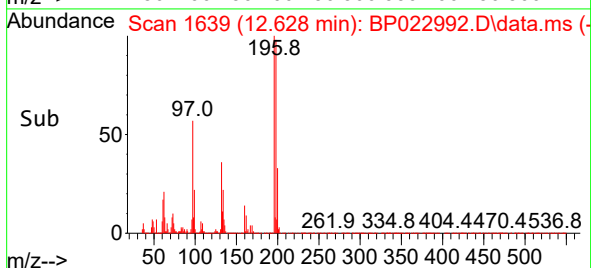
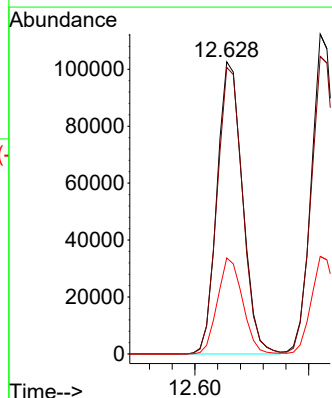
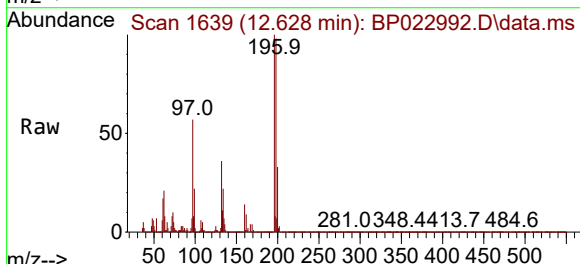
Instrument :
BNA_P
ClientSampleId :
SLCS815

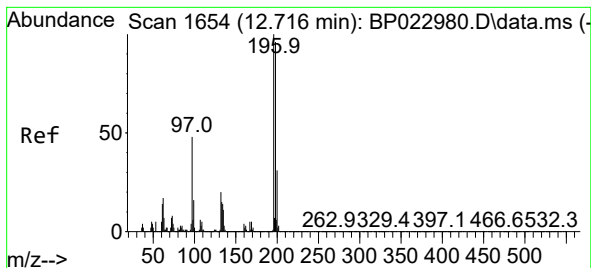
Tgt Ion:237 Resp: 118427
Ion Ratio Lower Upper
237 100
235 62.3 48.6 73.0
272 14.1 10.2 15.2



#41
2,4,6-Trichlorophenol
Concen: 31.698 ng/ul
RT: 12.628 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:196 Resp: 159922
Ion Ratio Lower Upper
196 100
198 98.1 80.5 120.7
200 32.9 25.2 37.8





#42

2,4,5-Trichlorophenol

Concen: 33.784 ng/ul

RT: 12.710 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP022992.D

Acq: 10 Nov 2024 08:51

Instrument :

BNA_P

ClientSampleId :

SLCS815

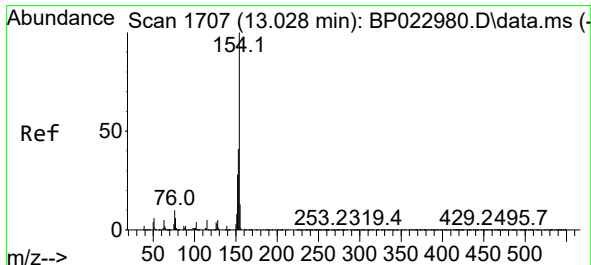
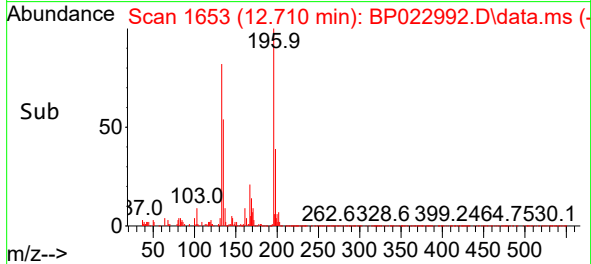
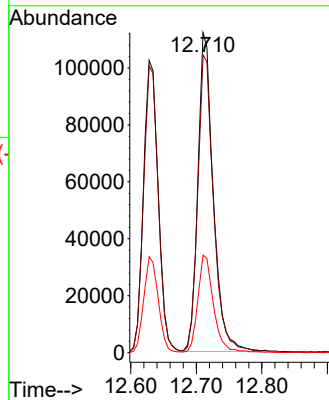
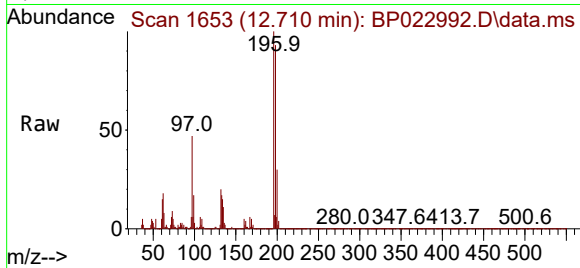
Tgt Ion:196 Resp: 183756

Ion Ratio Lower Upper

196 100

198 93.0 79.6 119.4

200 30.5 25.0 37.6



#43

1,1'-Biphenyl

Concen: 31.505 ng/ul

RT: 13.022 min Scan# 1706

Delta R.T. -0.012 min

Lab File: BP022992.D

Acq: 10 Nov 2024 08:51

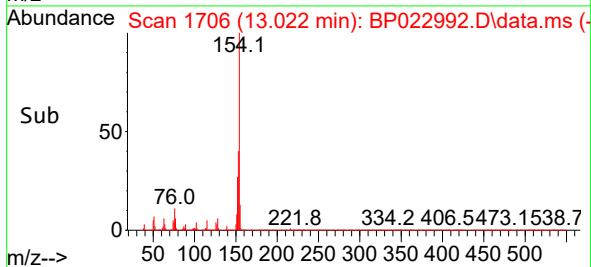
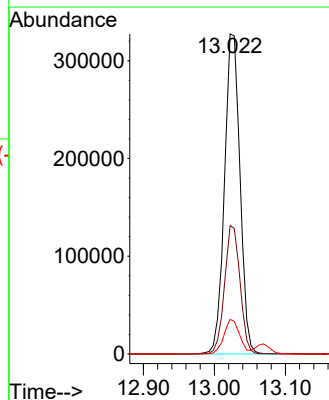
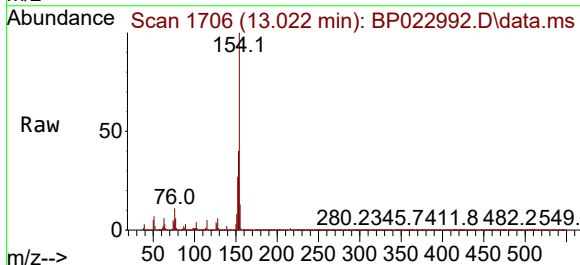
Tgt Ion:154 Resp: 495447

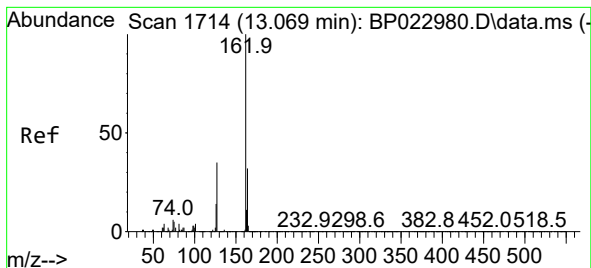
Ion Ratio Lower Upper

154 100

153 40.1 32.0 48.0

76 10.8 8.4 12.6

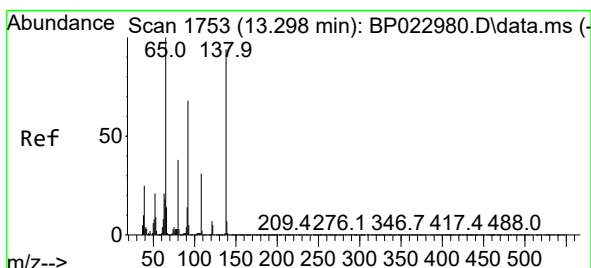
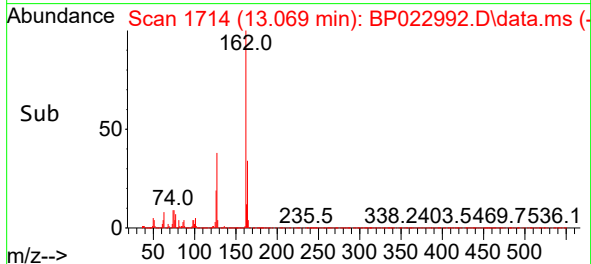
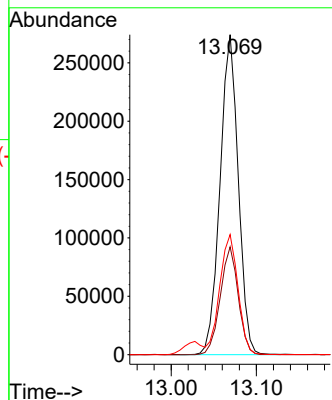
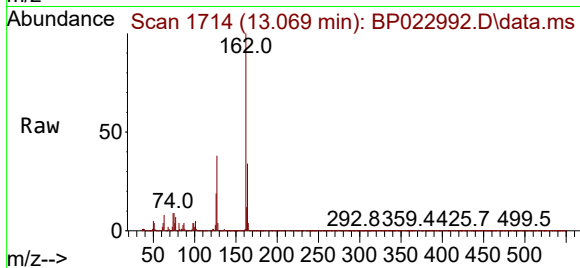




#44
2-Chloronaphthalene
Concen: 31.707 ng/ul
RT: 13.069 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

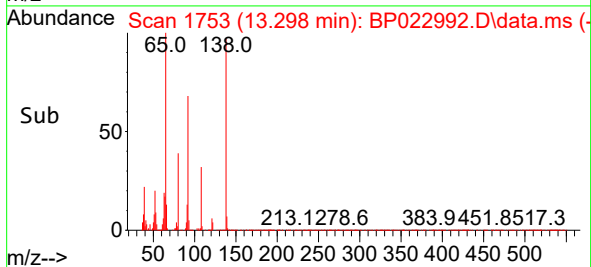
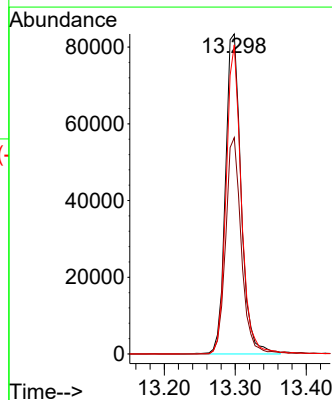
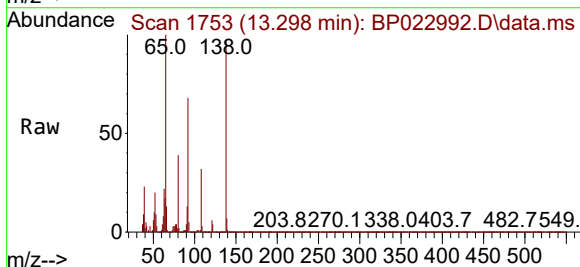
Instrument :
BNA_P
ClientSampleId :
SLCS815

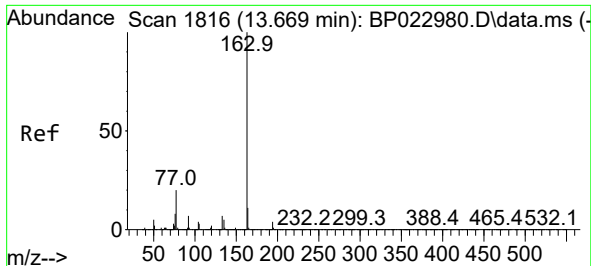
Tgt Ion:162 Resp: 407605
Ion Ratio Lower Upper
162 100
164 33.7 26.6 40.0
127 37.5 30.2 45.2



#45
2-Nitroaniline
Concen: 35.271 ng/ul
RT: 13.298 min Scan# 1753
Delta R.T. 0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion: 65 Resp: 127312
Ion Ratio Lower Upper
65 100
92 67.6 54.2 81.2
138 96.6 65.1 97.7

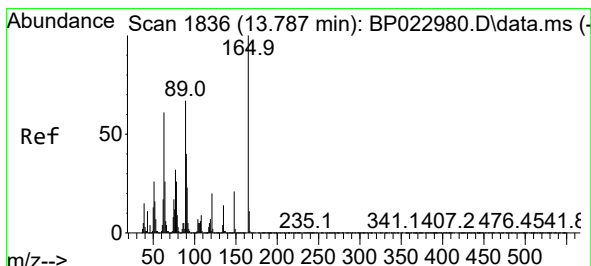
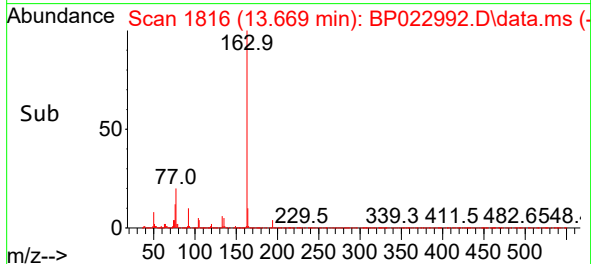
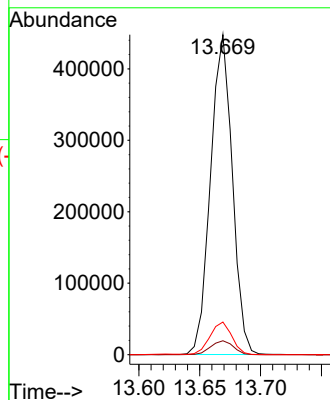
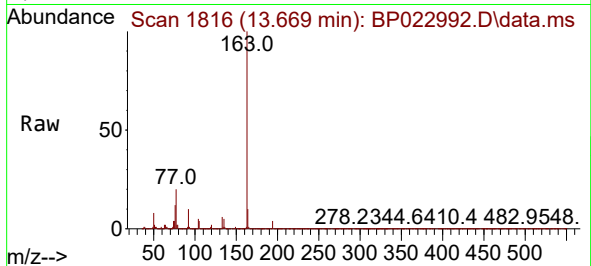




#47
Dimethylphthalate
Concen: 31.957 ng/ul
RT: 13.669 min Scan# 1816
Delta R.T. 0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

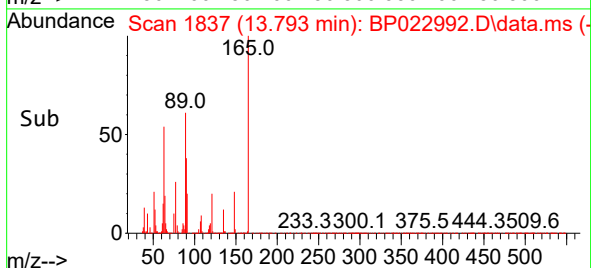
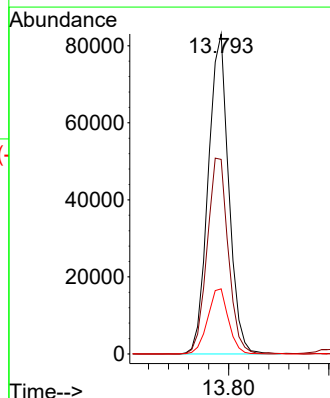
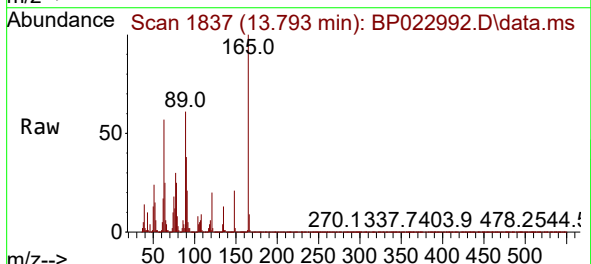
Instrument :
BNA_P
ClientSampleId :
SLCS815

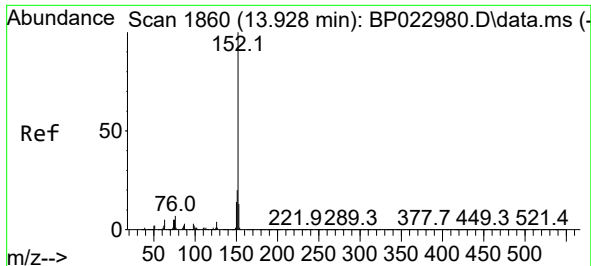
Tgt Ion:163 Resp: 557468
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.6
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 34.722 ng/ul
RT: 13.793 min Scan# 1837
Delta R.T. -0.018 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:165 Resp: 117821
Ion Ratio Lower Upper
165 100
89 60.8 50.6 75.8
121 20.3 15.8 23.8

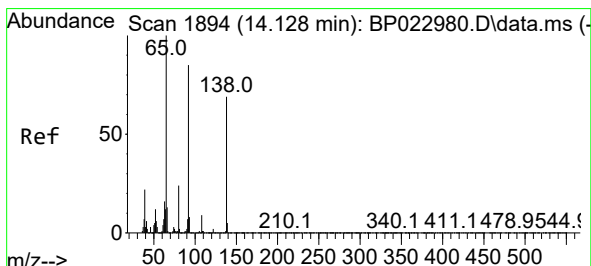
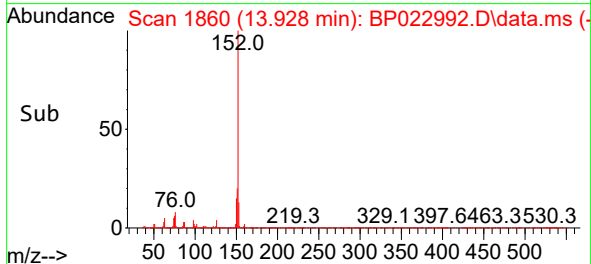
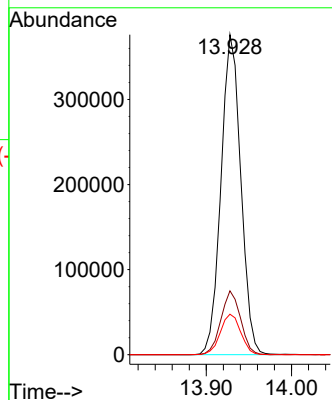
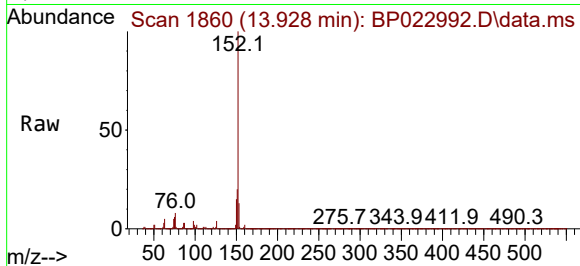




#50
Acenaphthylene
Concen: 32.636 ng/ul
RT: 13.928 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

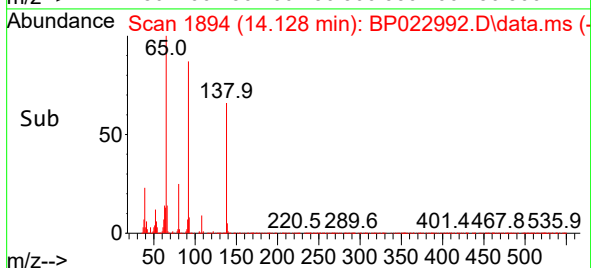
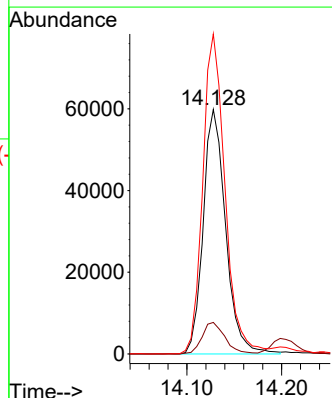
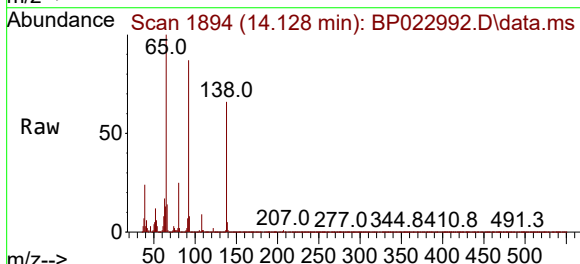
Instrument :
BNA_P
ClientSampleId :
SLCS815

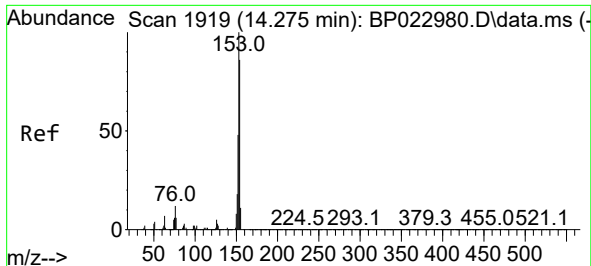
Tgt Ion:152 Resp: 608872
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 12.7 10.2 15.2



#51
3-Nitroaniline
Concen: 33.697 ng/ul
RT: 14.128 min Scan# 1894
Delta R.T. -0.023 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:138 Resp: 98484
Ion Ratio Lower Upper
138 100
108 12.9 12.7 19.1
92 130.9 107.8 161.8

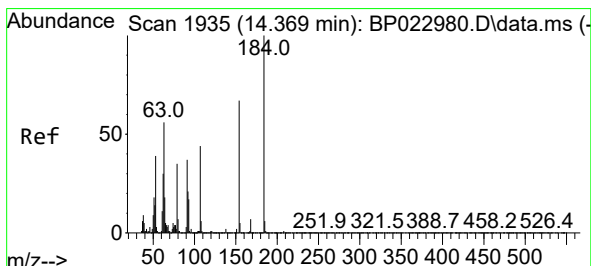
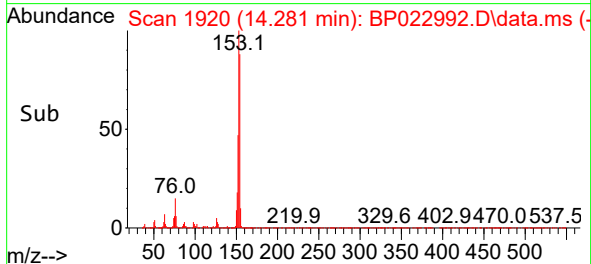
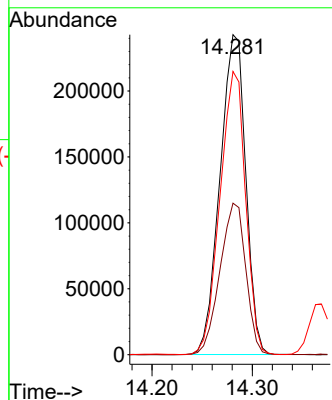
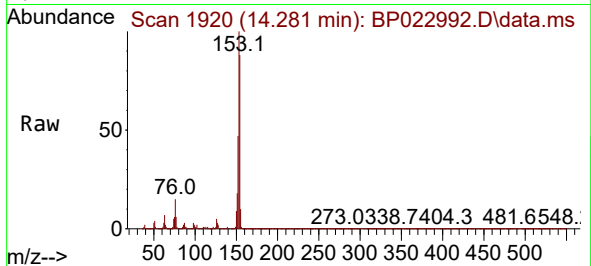




#52
Acenaphthene
Concen: 32.024 ng/ul
RT: 14.281 min Scan# 1920
Delta R.T. 0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

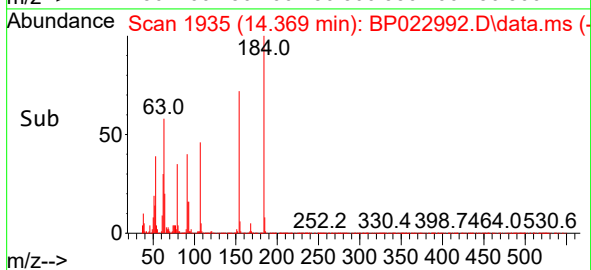
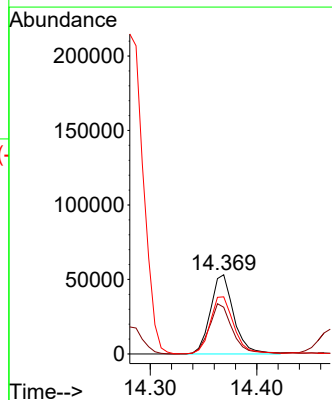
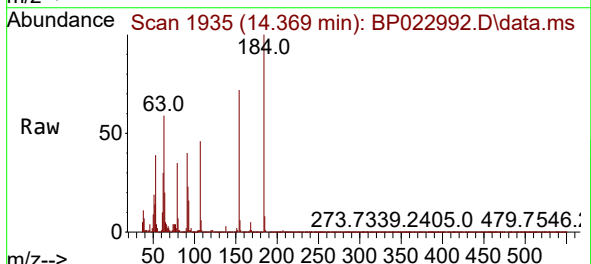
Instrument :
BNA_P
ClientSampleId :
SLCS815

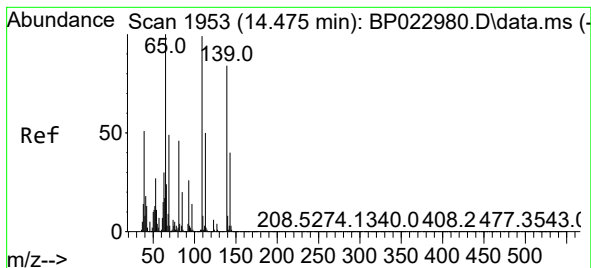
Tgt Ion:153 Resp: 433754
Ion Ratio Lower Upper
153 100
152 47.4 39.6 59.4
154 88.5 70.9 106.3



#53
2,4-Dinitrophenol
Concen: 33.635 ng/ul
RT: 14.369 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:184 Resp: 80983
Ion Ratio Lower Upper
184 100
63 59.0 50.1 75.1
154 72.0 58.2 87.4

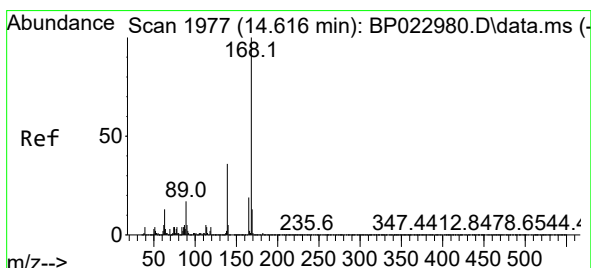
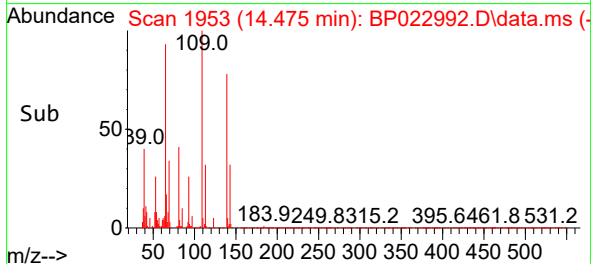
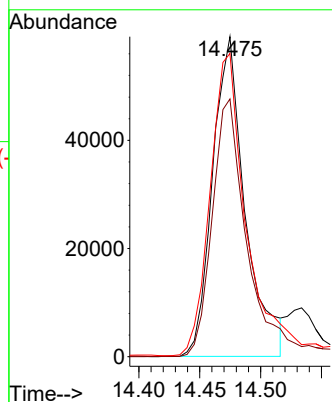
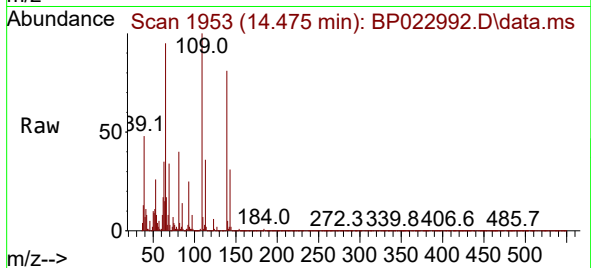




#55
4-Nitrophenol
Concen: 35.444 ng/ul
RT: 14.475 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

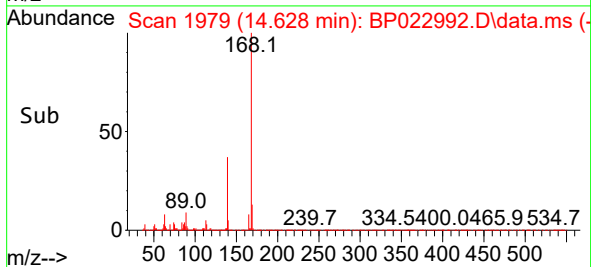
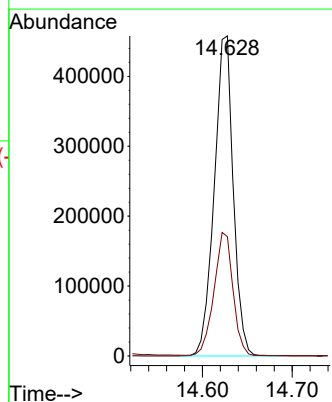
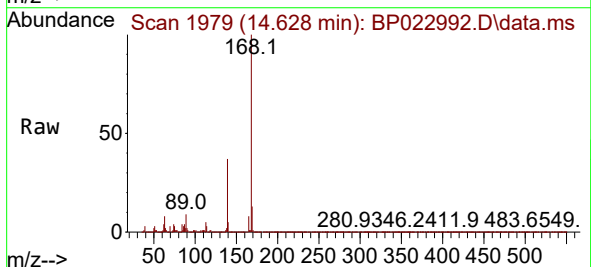
Instrument :
BNA_P
ClientSampleId :
SLCS815

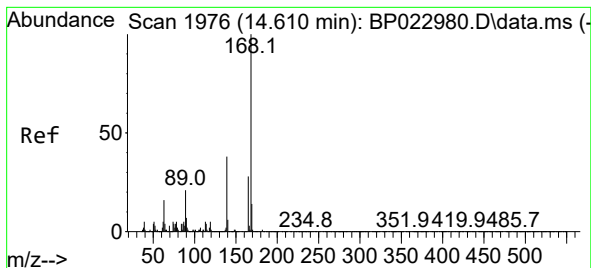
Tgt Ion:109 Resp: 110232
Ion Ratio Lower Upper
109 100
139 80.6 64.6 96.8
65 94.8 80.6 120.8



#56
Dibenzofuran
Concen: 32.193 ng/ul
RT: 14.628 min Scan# 1979
Delta R.T. 0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:168 Resp: 673699
Ion Ratio Lower Upper
168 100
139 37.3 29.7 44.5

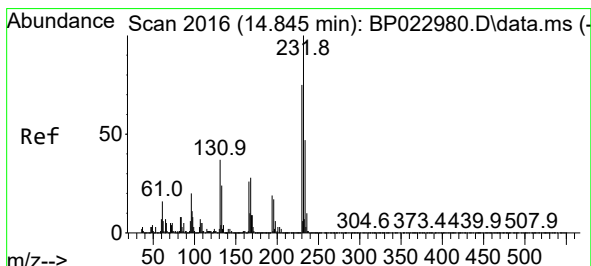
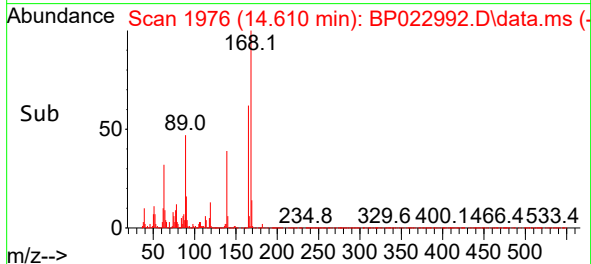
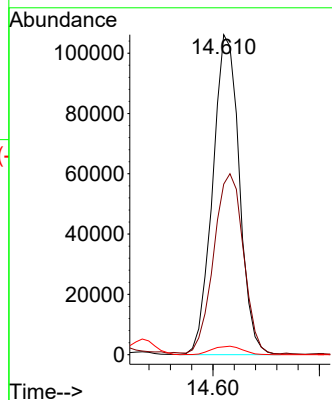
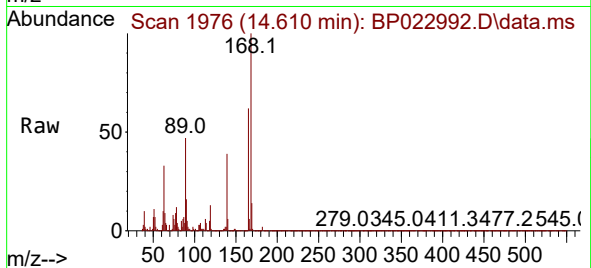




#57
2,4-Dinitrotoluene
Concen: 34.062 ng/ul
RT: 14.610 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

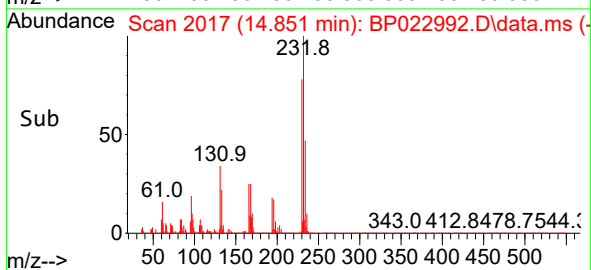
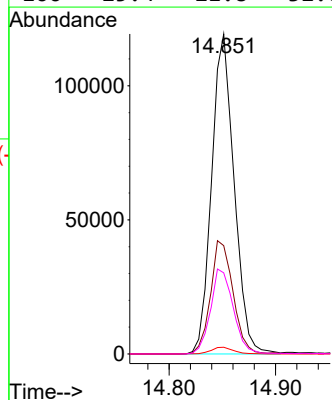
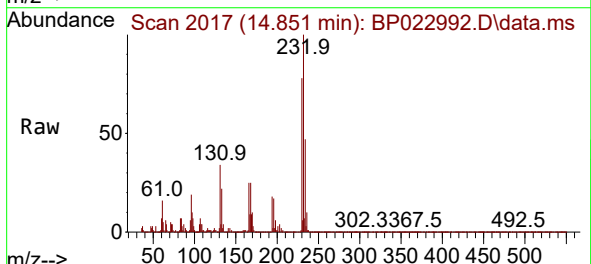
Instrument :
BNA_P
ClientSampleId :
SLCS815

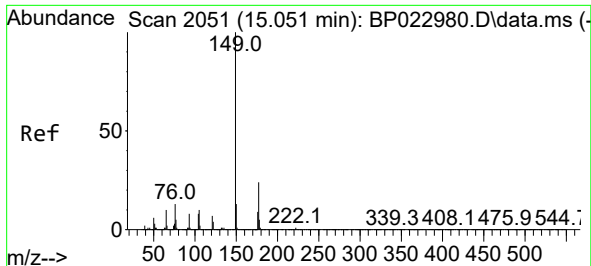
Tgt Ion:165 Resp: 184211
Ion Ratio Lower Upper
165 100
63 53.3 41.3 61.9
182 2.5 2.5 3.7#



#58
2,3,4,6-Tetrachlorophenol
Concen: 32.974 ng/ul
RT: 14.851 min Scan# 2017
Delta R.T. -0.023 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:232 Resp: 175309
Ion Ratio Lower Upper
232 100
131 33.9 27.0 40.6
130 2.1 1.9 2.9
166 25.4 21.8 32.6

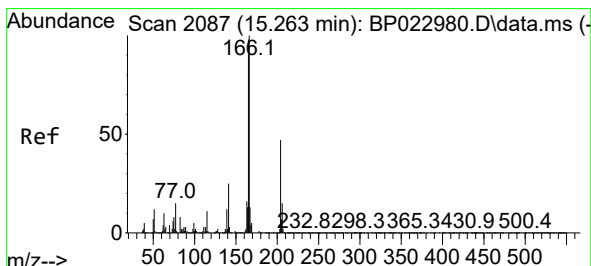
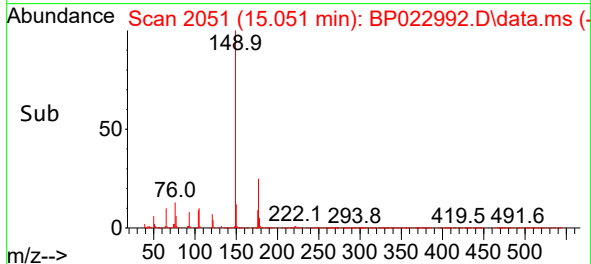
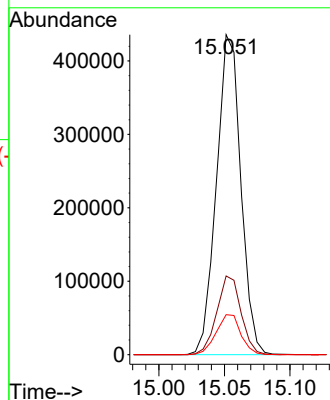
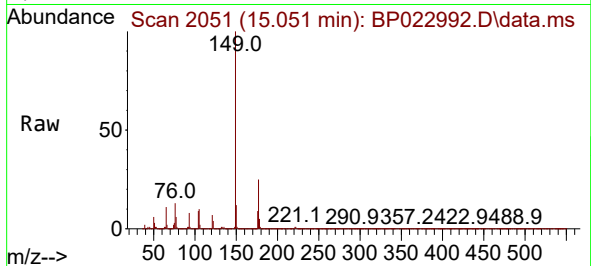




#59
Diethylphthalate
Concen: 32.629 ng/ul
RT: 15.051 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

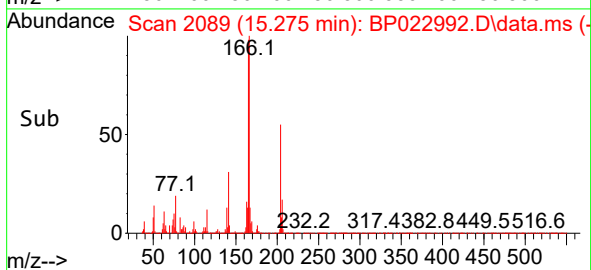
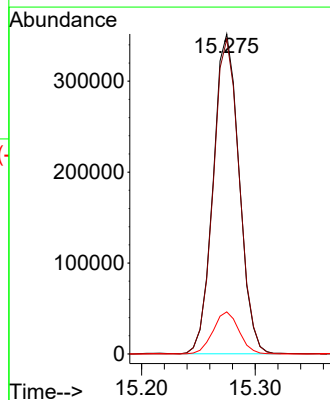
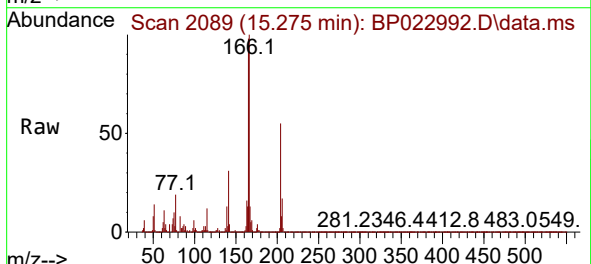
Instrument :
BNA_P
ClientSampleId :
SLCS815

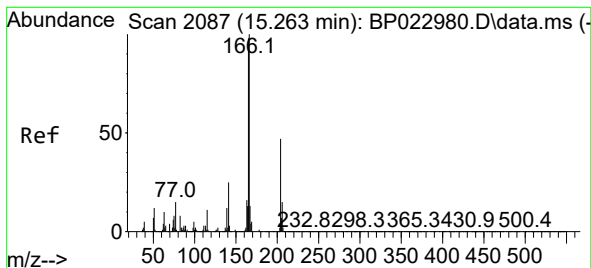
Tgt Ion:149 Resp: 562940
Ion Ratio Lower Upper
149 100
177 24.6 19.7 29.5
150 12.5 9.8 14.6



#61
Fluorene
Concen: 32.541 ng/ul
RT: 15.275 min Scan# 2089
Delta R.T. -0.017 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:166 Resp: 557373
Ion Ratio Lower Upper
166 100
165 98.3 79.5 119.3
167 13.1 10.3 15.5

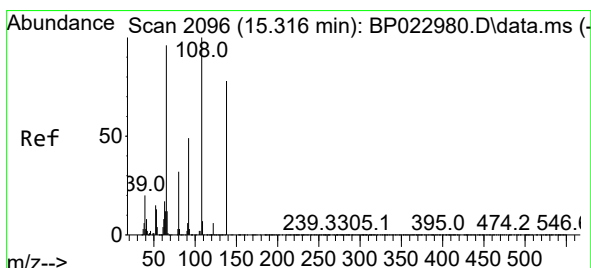
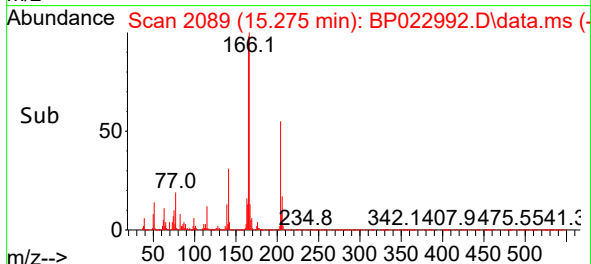
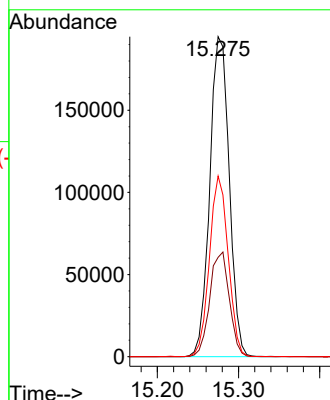
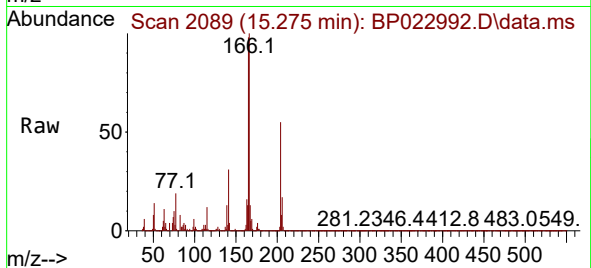




#62
4-Chlorophenyl-phenylether
Concen: 32.143 ng/ul
RT: 15.275 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

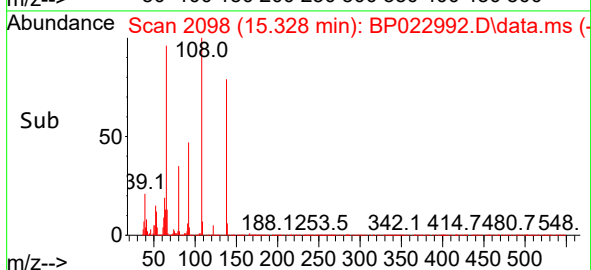
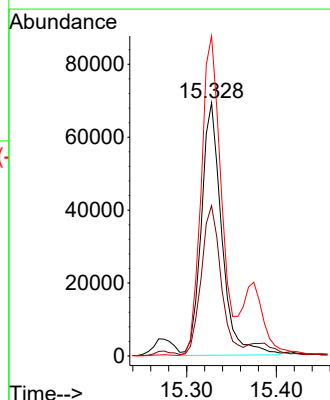
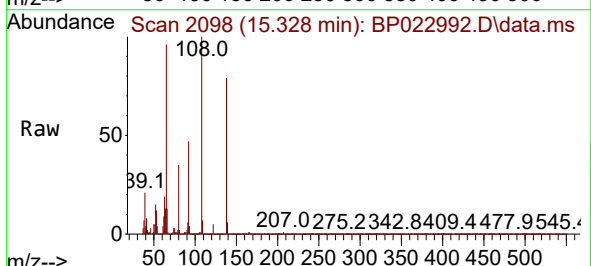
Instrument :
BNA_P
ClientSampleId :
SLCS815

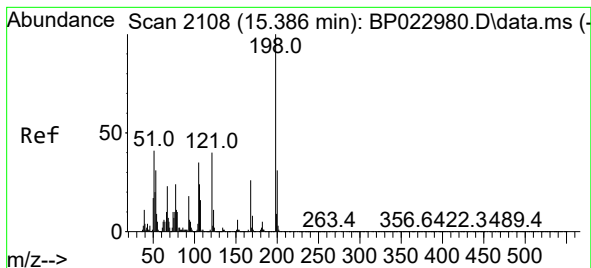
Tgt Ion:204 Resp: 324174
Ion Ratio Lower Upper
204 100
206 31.1 27.2 40.8
141 56.5 44.6 66.8



#63
4-Nitroaniline
Concen: 40.178 ng/ul
RT: 15.328 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:138 Resp: 109266
Ion Ratio Lower Upper
138 100
92 59.3 53.9 80.9
108 126.4 106.6 159.8

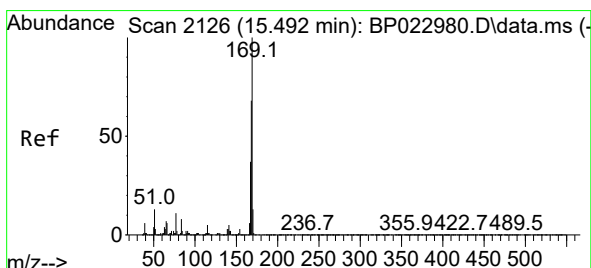
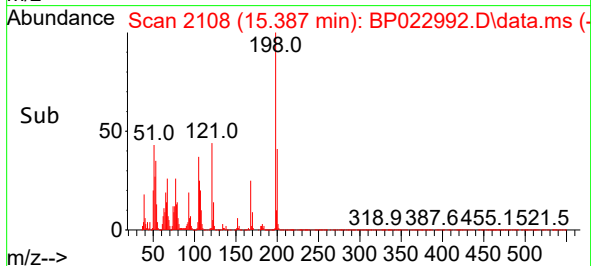
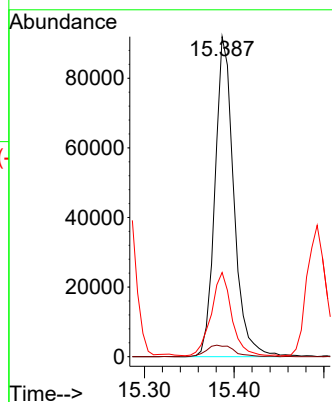
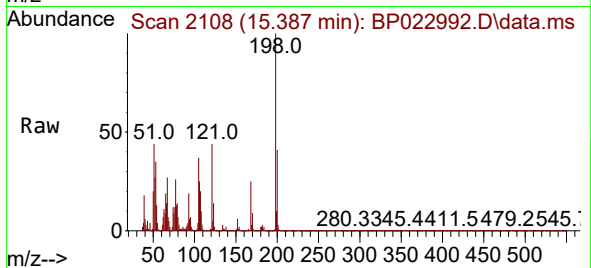




#66
4,6-Dinitro-2-methylphenol
Concen: 32.199 ng/ul
RT: 15.387 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

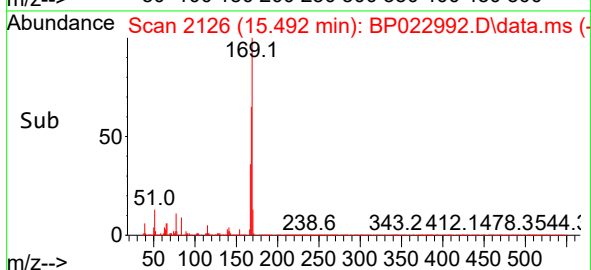
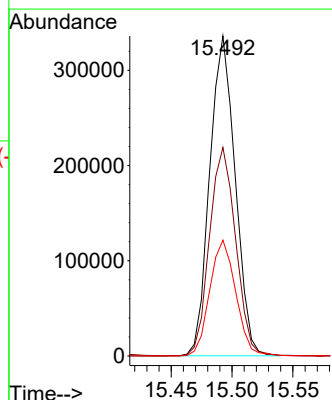
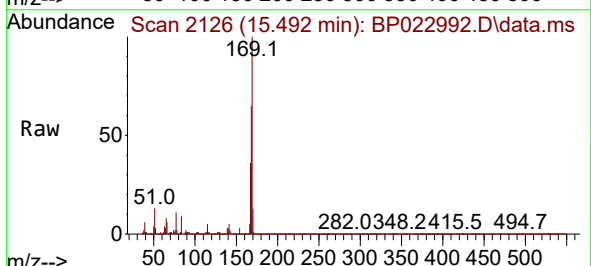
Instrument :
BNA_P
ClientSampleId :
SLCS815

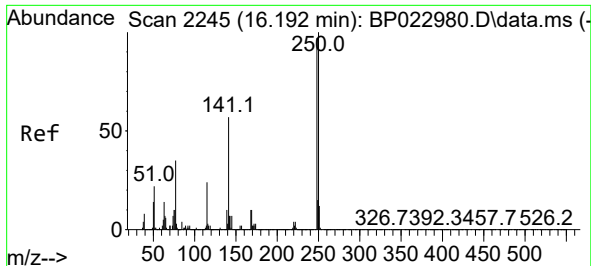
Tgt Ion:198 Resp: 133758
Ion Ratio Lower Upper
198 100
182 3.2 3.8 5.8#
77 26.3 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 32.611 ng/ul
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:169 Resp: 489172
Ion Ratio Lower Upper
169 100
168 65.2 53.4 80.0
167 36.2 29.4 44.2

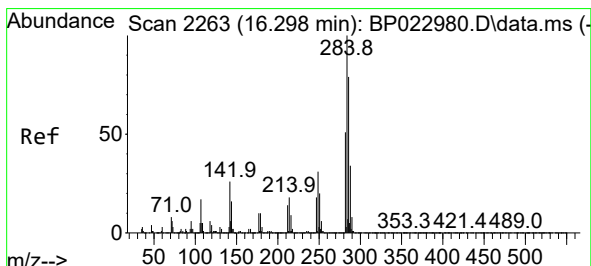
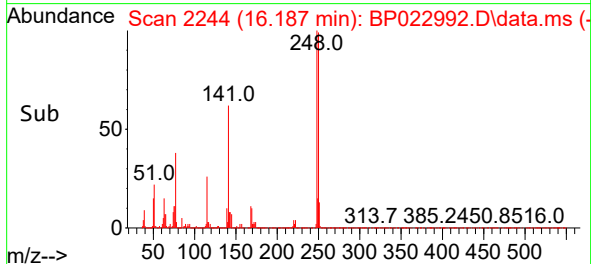
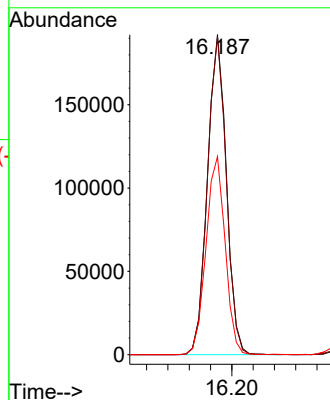
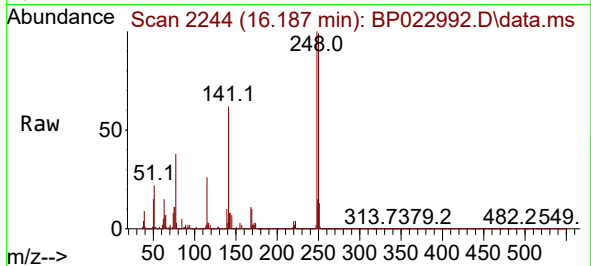




#68
4-Bromophenyl-phenylether
Concen: 32.286 ng/ul
RT: 16.187 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

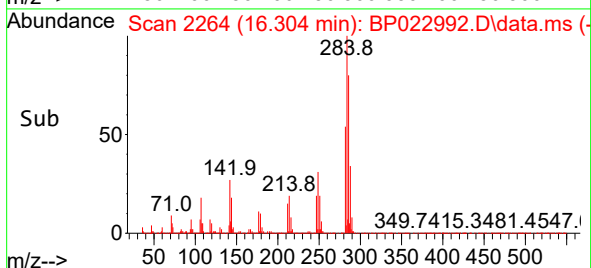
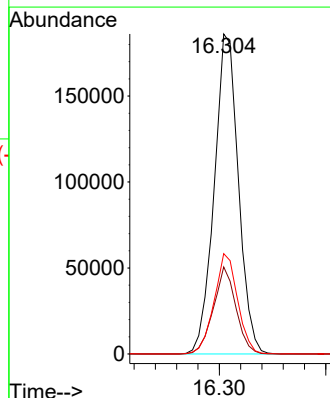
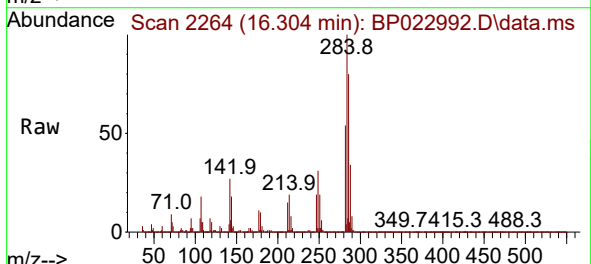
Instrument :
BNA_P
ClientSampleId :
SLCS815

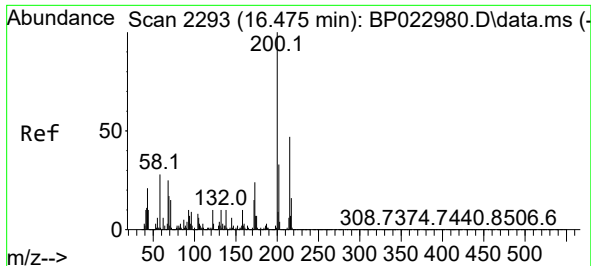
Tgt Ion:248 Resp: 237338
Ion Ratio Lower Upper
248 100
250 99.3 77.1 115.7
141 61.9 50.7 76.1



#69
Hexachlorobenzene
Concen: 31.671 ng/ul
RT: 16.304 min Scan# 2264
Delta R.T. -0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:284 Resp: 293087
Ion Ratio Lower Upper
284 100
142 27.2 21.5 32.3
249 31.3 25.6 38.4

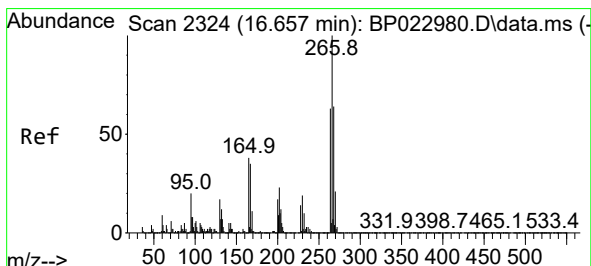
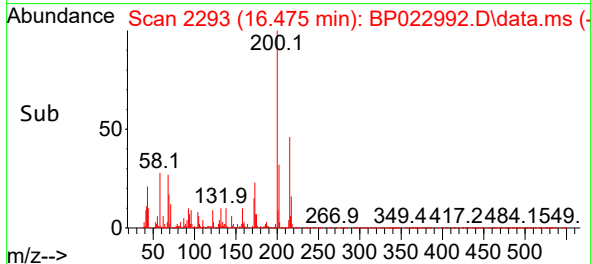
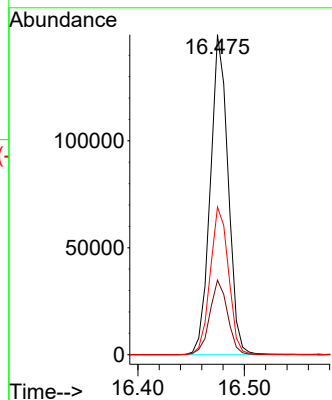
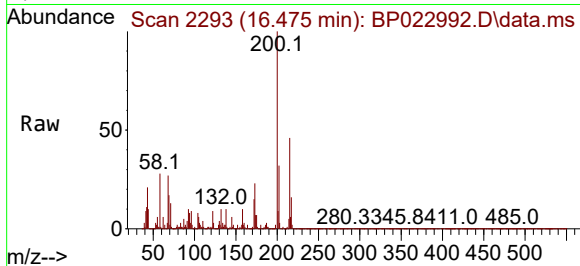




#70
Atrazine
Concen: 23.951 ng/ul
RT: 16.475 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

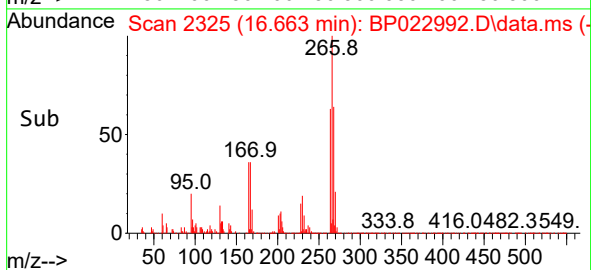
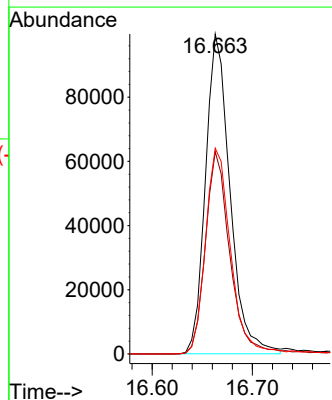
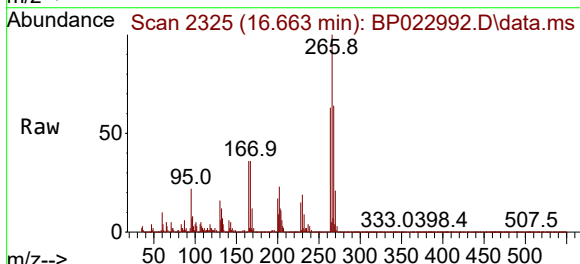
Instrument :
BNA_P
ClientSampleId :
SLCS815

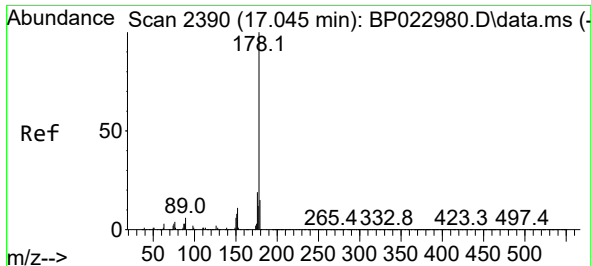
Tgt Ion:200 Resp: 173669
Ion Ratio Lower Upper
200 100
173 23.3 18.6 27.8
215 46.1 38.3 57.5



#71
Pentachlorophenol
Concen: 29.531 ng/ul
RT: 16.663 min Scan# 2325
Delta R.T. -0.023 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:266 Resp: 169669
Ion Ratio Lower Upper
266 100
264 63.2 50.7 76.1
268 64.3 51.9 77.9

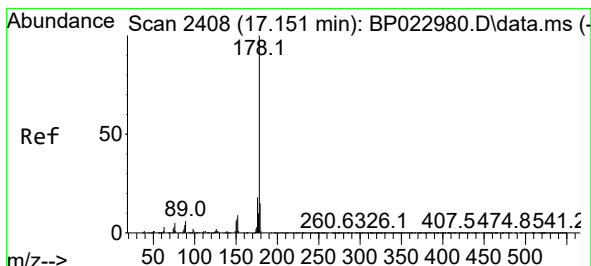
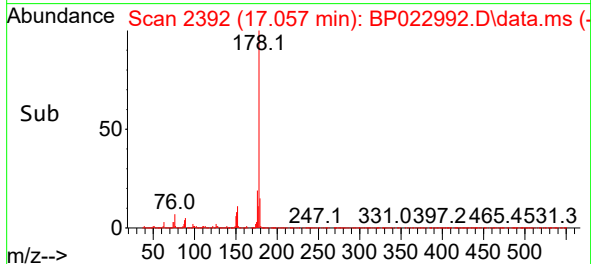
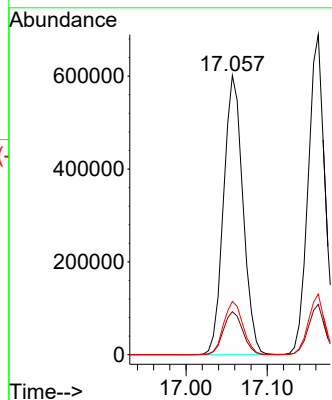
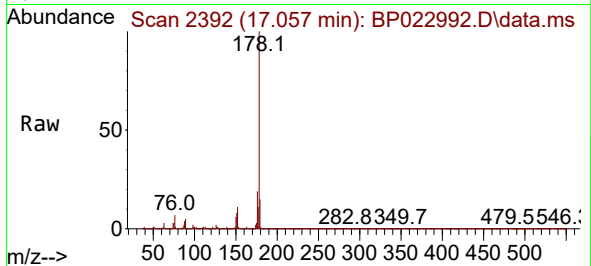




#72
Phenanthrene
Concen: 32.572 ng/ul
RT: 17.057 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

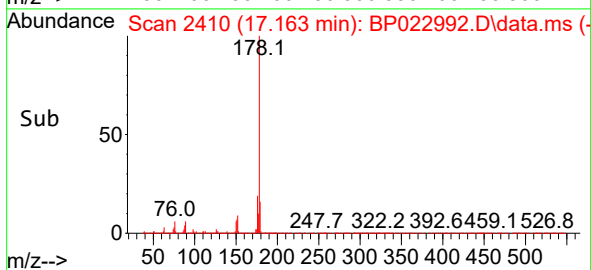
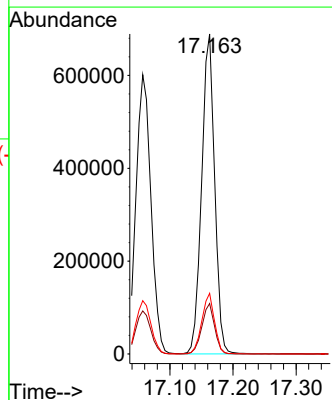
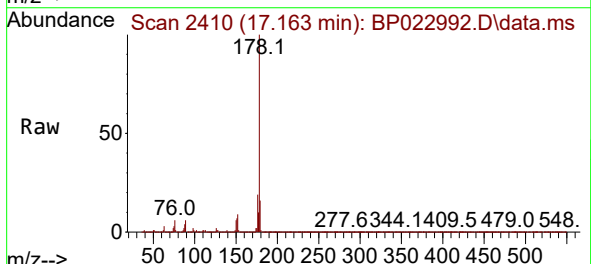
Instrument :
BNA_P
ClientSampleId :
SLCS815

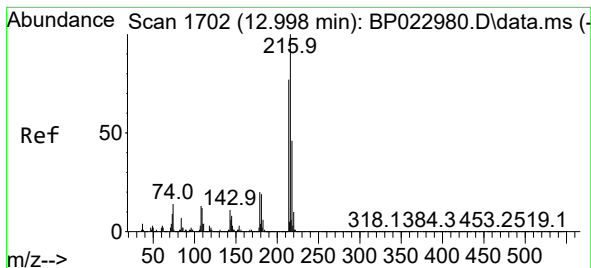
Tgt Ion:178 Resp: 998338
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.1 15.4 23.2



#74
Anthracene
Concen: 32.055 ng/ul
RT: 17.163 min Scan# 2410
Delta R.T. 0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:178 Resp: 987797
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 18.9 14.5 21.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 30.292 ng/uL

RT: 12.993 min Scan# 1701

Delta R.T. -0.006 min

Lab File: BP022992.D

Acq: 10 Nov 2024 08:51

Instrument :

BNA_P

ClientSampleId :

SLCS815

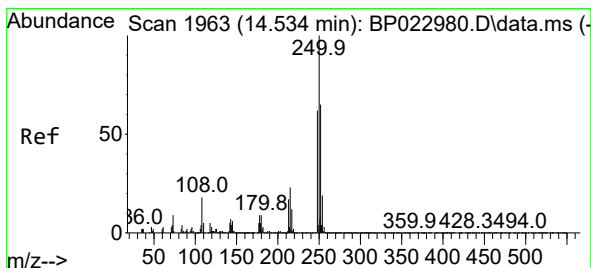
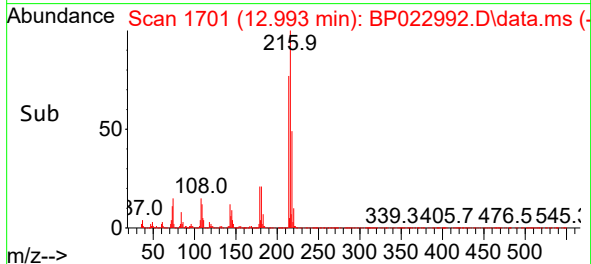
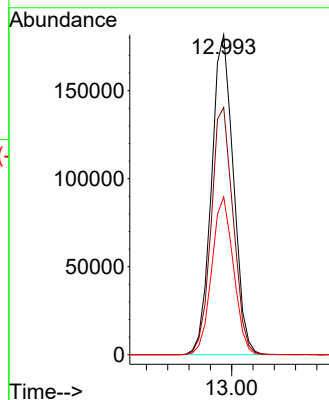
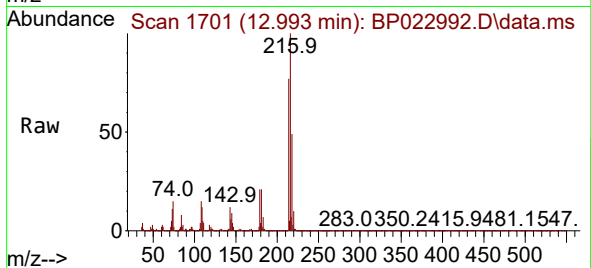
Tgt Ion:216 Resp: 259626

Ion Ratio Lower Upper

216 100

214 77.3 60.2 90.2

218 49.3 38.1 57.1



#76

Pentachlorobenzene

Concen: 30.561 ng/uL

RT: 14.534 min Scan# 1963

Delta R.T. -0.012 min

Lab File: BP022992.D

Acq: 10 Nov 2024 08:51

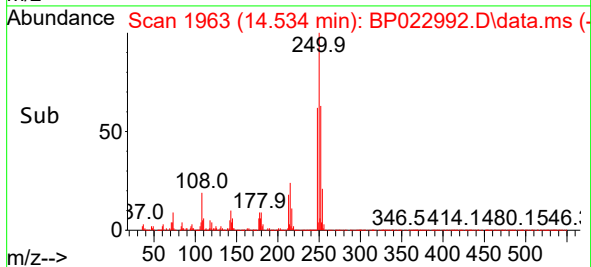
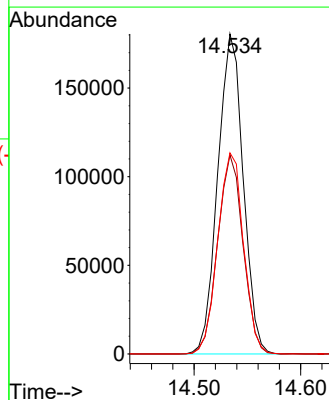
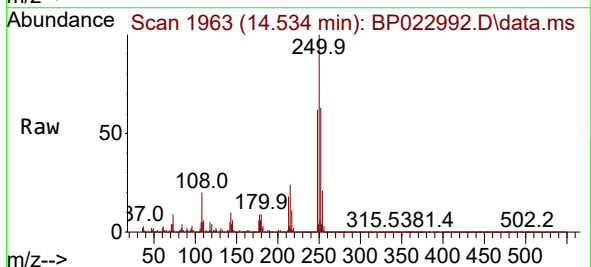
Tgt Ion:250 Resp: 299087

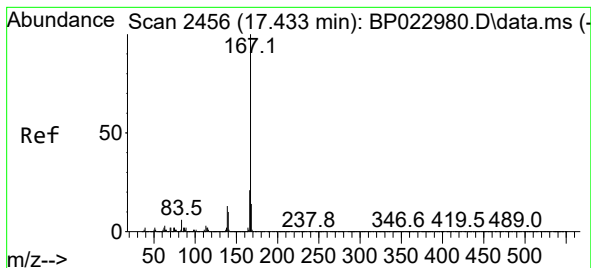
Ion Ratio Lower Upper

250 100

248 62.1 52.2 78.2

252 62.8 50.1 75.1





#77

Carbazole

Concen: 33.240 ng/ul

RT: 17.451 min Scan# 2456

Delta R.T. 0.006 min

Lab File: BP022992.D

Acq: 10 Nov 2024 08:51

Instrument :

BNA_P

ClientSampleId :

SLCS815

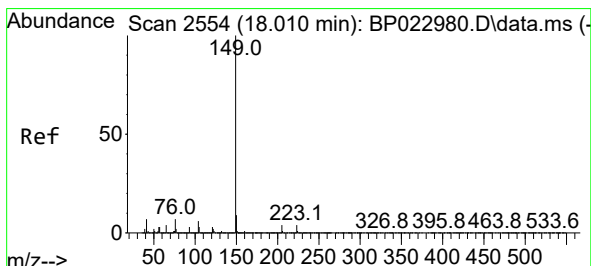
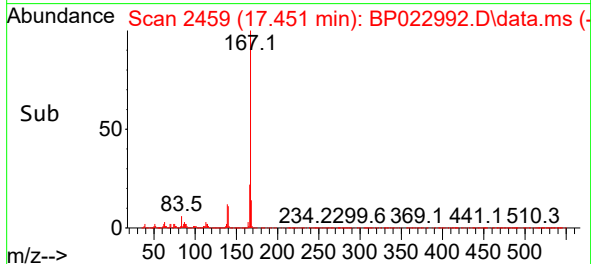
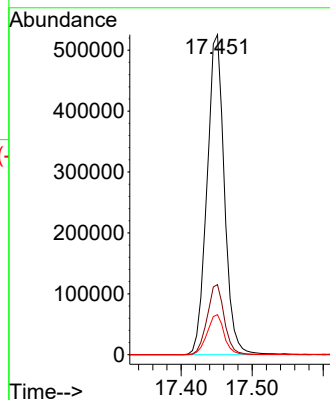
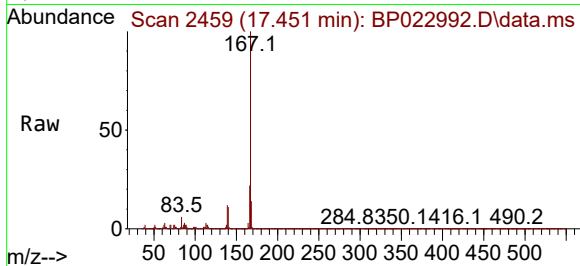
Tgt Ion:167 Resp: 893663

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 12.5 9.6 14.4



#78

Di-n-butylphthalate

Concen: 33.951 ng/ul

RT: 18.016 min Scan# 2555

Delta R.T. -0.017 min

Lab File: BP022992.D

Acq: 10 Nov 2024 08:51

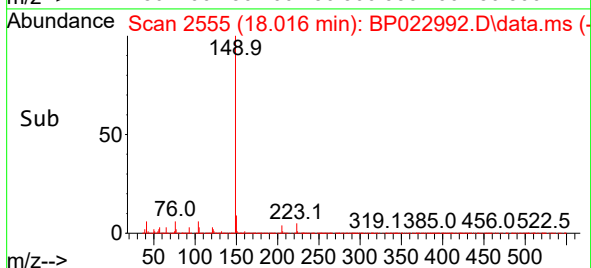
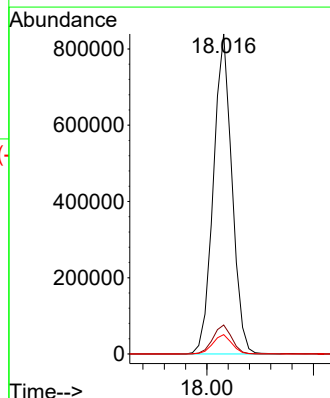
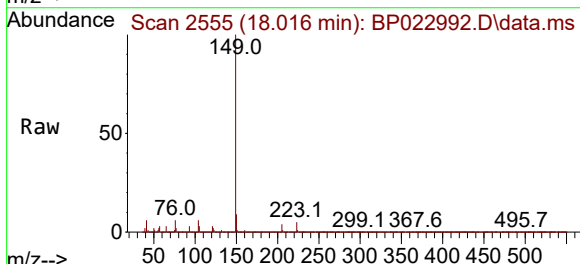
Tgt Ion:149 Resp: 1012912

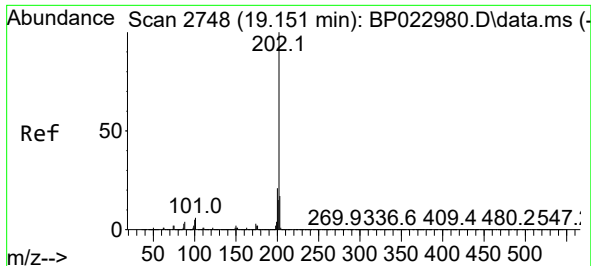
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 6.0 5.0 7.4

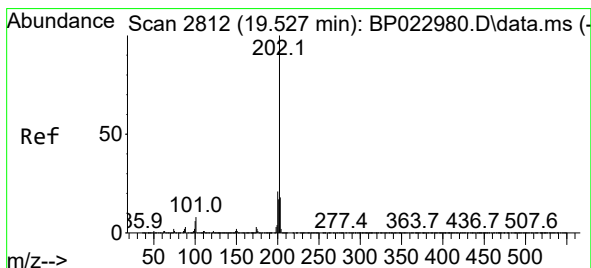
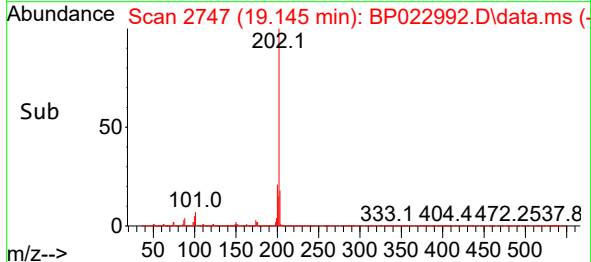
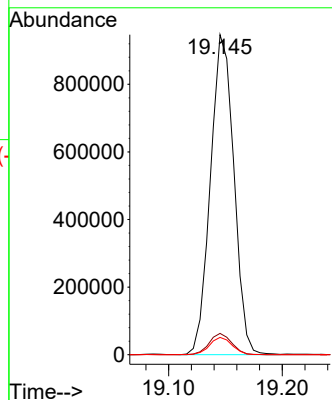
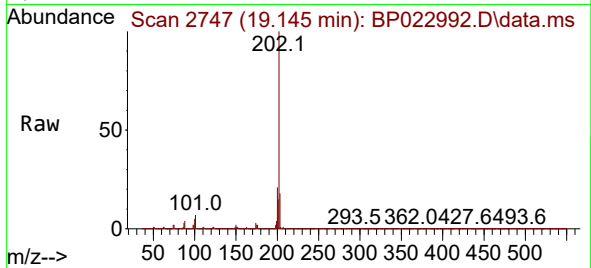




#80
Fluoranthene
Concen: 32.851 ng/ul
RT: 19.145 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

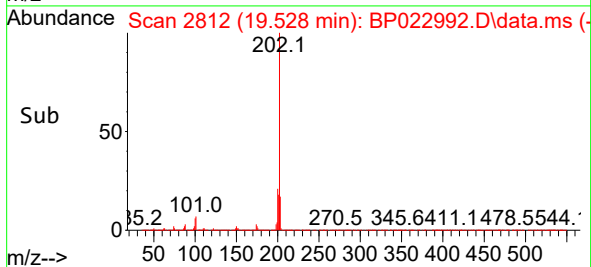
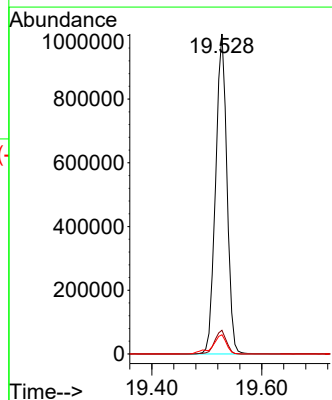
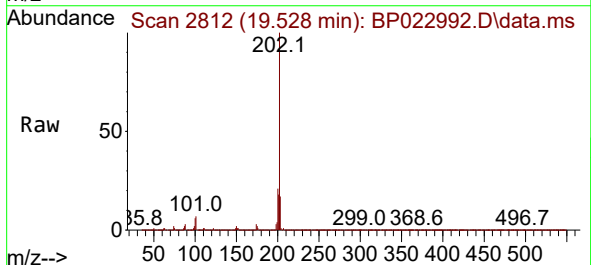
Instrument :
BNA_P
ClientSampleId :
SLCS815

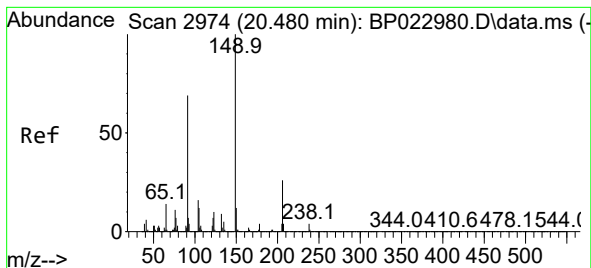
Tgt Ion:202 Resp: 1358574
Ion Ratio Lower Upper
202 100
101 6.7 5.2 7.8
100 5.4 4.1 6.1



#82
Pyrene
Concen: 32.410 ng/ul
RT: 19.528 min Scan# 2812
Delta R.T. -0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:202 Resp: 1439867
Ion Ratio Lower Upper
202 100
101 7.4 6.2 9.2
100 6.0 4.9 7.3





#83

Butylbenzylphthalate

Concen: 34.296 ng/ul

RT: 20.486 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BP022992.D

Acq: 10 Nov 2024 08:51

Instrument :

BNA_P

ClientSampleId :

SLCS815

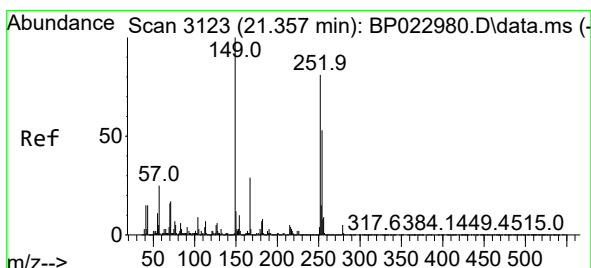
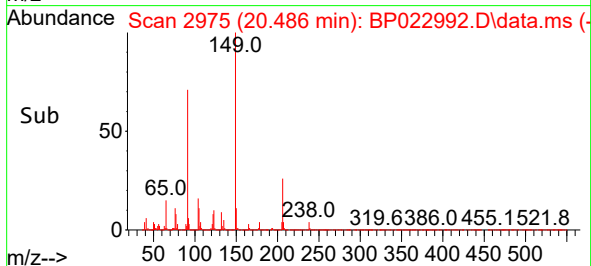
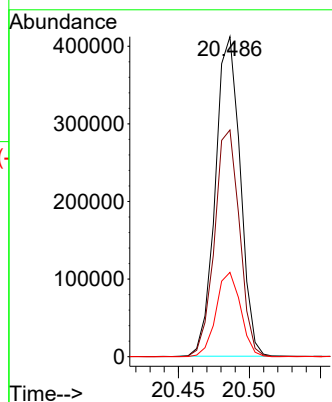
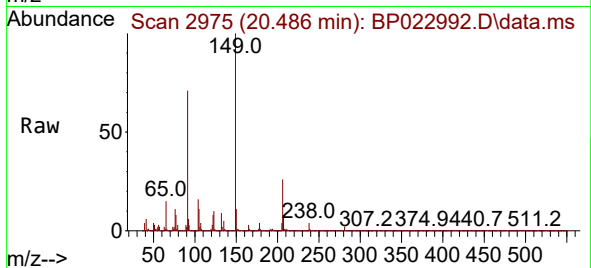
Tgt Ion:149 Resp: 501651

Ion Ratio Lower Upper

149 100

91 70.8 55.6 83.4

206 26.4 20.2 30.2



#84

3,3'-Dichlorobenzidine

Concen: 32.944 ng/ul

RT: 21.357 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BP022992.D

Acq: 10 Nov 2024 08:51

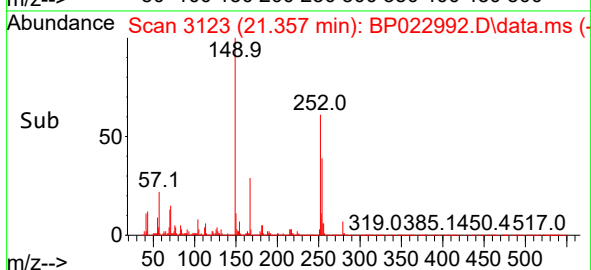
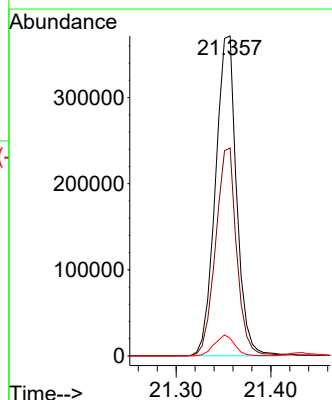
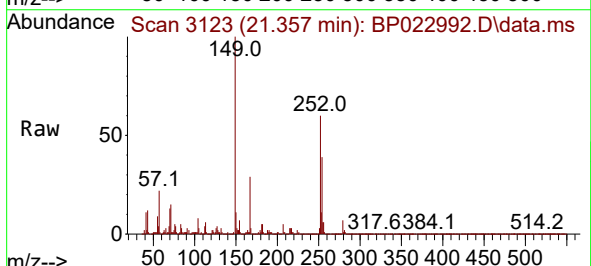
Tgt Ion:252 Resp: 576306

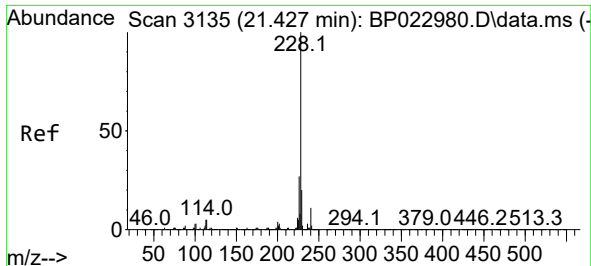
Ion Ratio Lower Upper

252 100

254 65.0 52.0 78.0

126 5.5 5.0 7.6

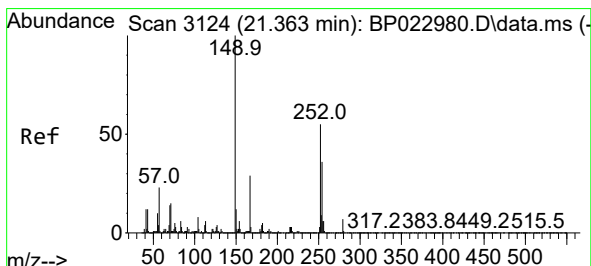
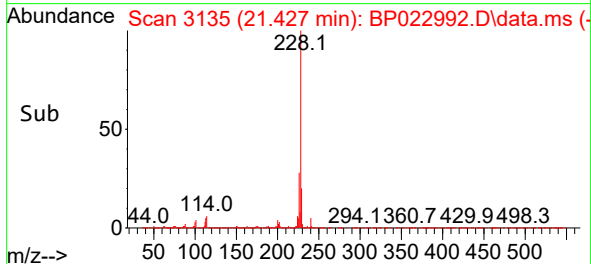
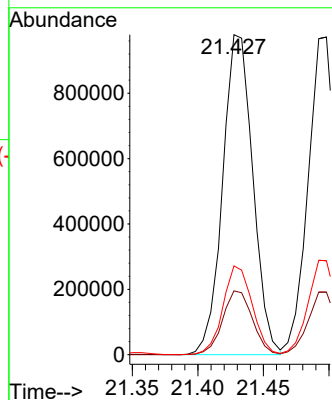
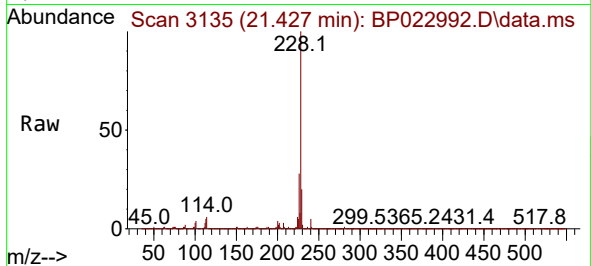




#85
Benzo(a)anthracene
Concen: 32.965 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. -0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

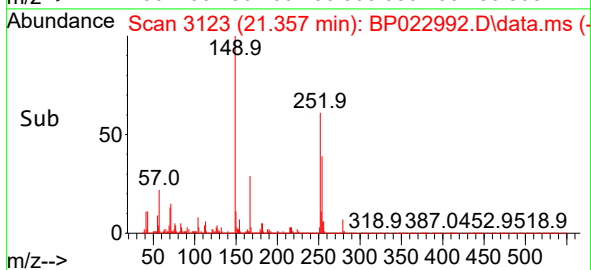
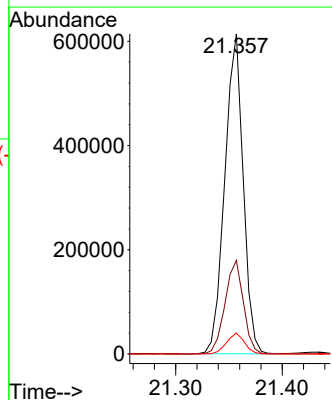
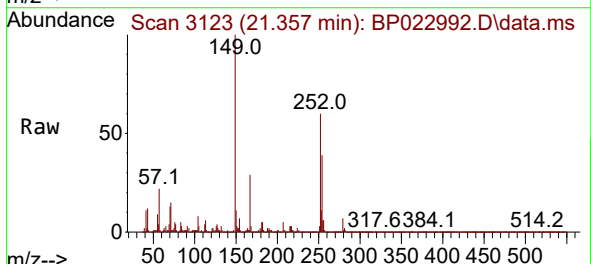
Instrument :
BNA_P
ClientSampleId :
SLCS815

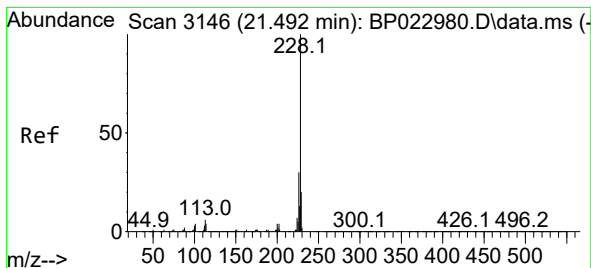
Tgt Ion:228 Resp: 1568708
Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 27.7 21.9 32.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 35.423 ng/ul
RT: 21.357 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:149 Resp: 736298
Ion Ratio Lower Upper
149 100
167 29.2 24.5 36.7
279 6.5 5.5 8.3





#87

Chrysene

Concen: 32.616 ng/ul

RT: 21.498 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BP022992.D

Acq: 10 Nov 2024 08:51

Instrument :

BNA_P

ClientSampleId :

SLCS815

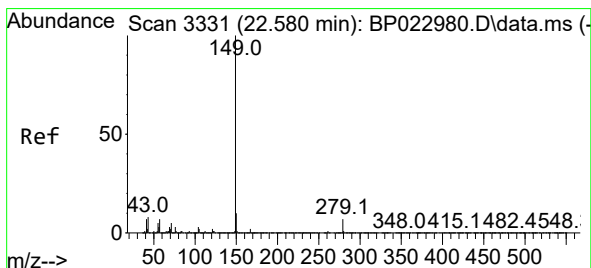
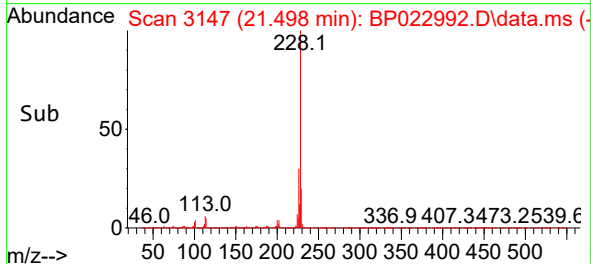
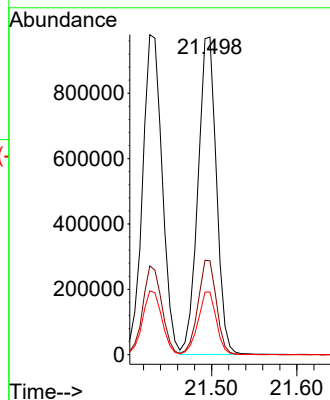
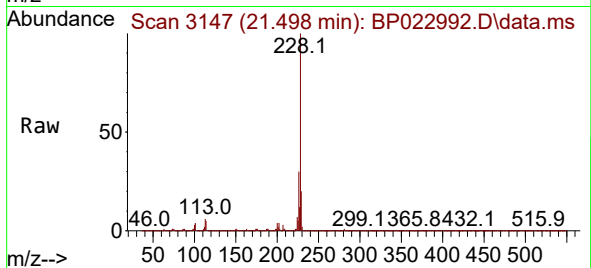
Tgt Ion:228 Resp: 1460426

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.2

229 19.7 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 32.456 ng/ul

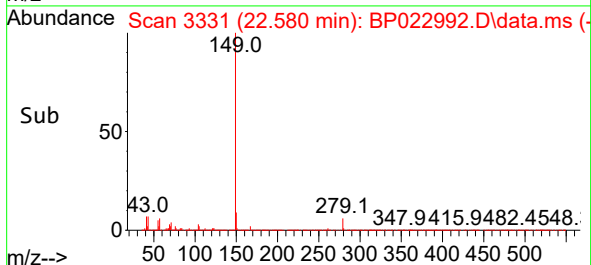
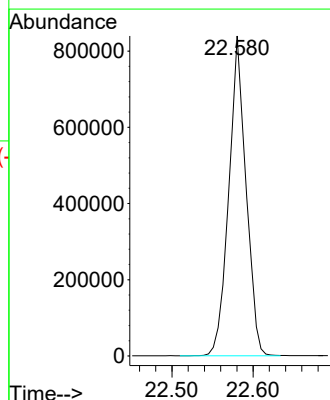
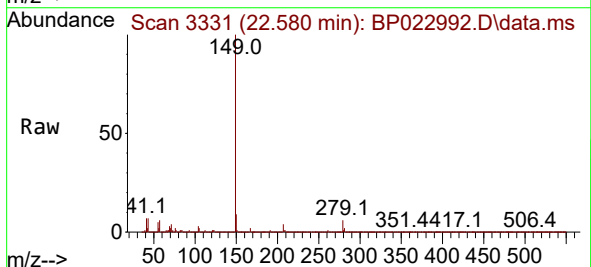
RT: 22.580 min Scan# 3331

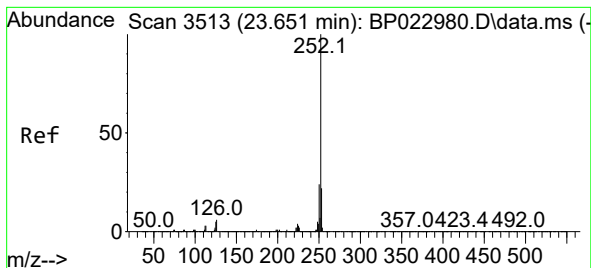
Delta R.T. -0.012 min

Lab File: BP022992.D

Acq: 10 Nov 2024 08:51

Tgt Ion:149 Resp: 1234994





#90

Benzo(b)fluoranthene

Concen: 33.834 ng/ul

RT: 23.645 min Scan# 3513

Delta R.T. -0.029 min

Lab File: BP022992.D

Acq: 10 Nov 2024 08:51

Instrument :

BNA_P

ClientSampleId :

SLCS815

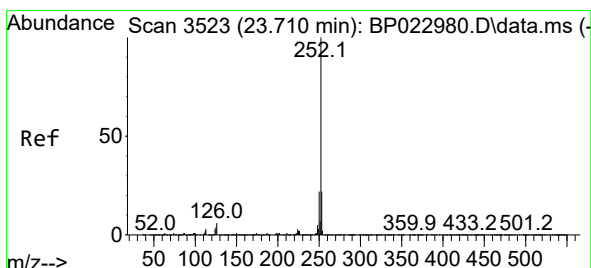
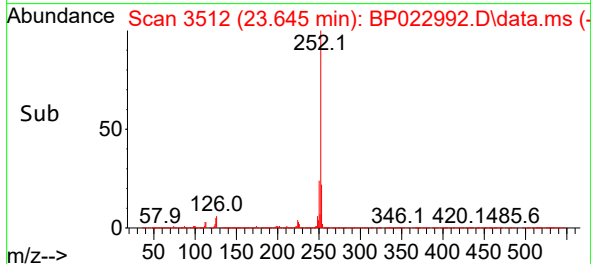
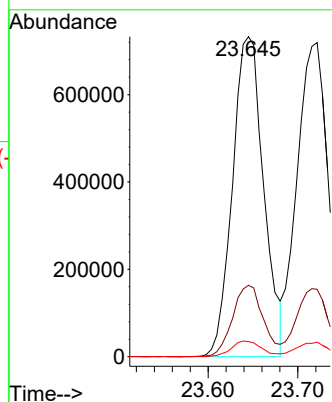
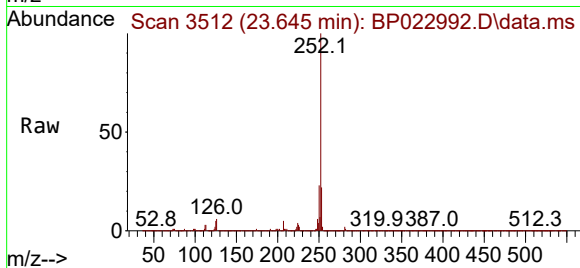
Tgt Ion:252 Resp: 1766278

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 4.7 3.7 5.5



#91

Benzo(k)fluoranthene

Concen: 33.568 ng/ul

RT: 23.721 min Scan# 3525

Delta R.T. -0.017 min

Lab File: BP022992.D

Acq: 10 Nov 2024 08:51

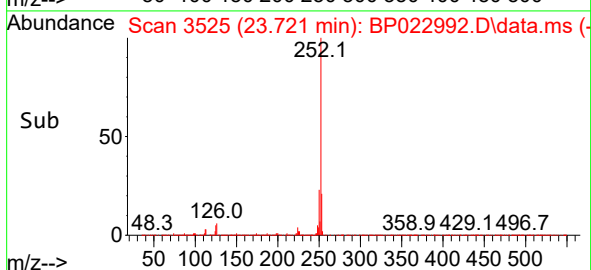
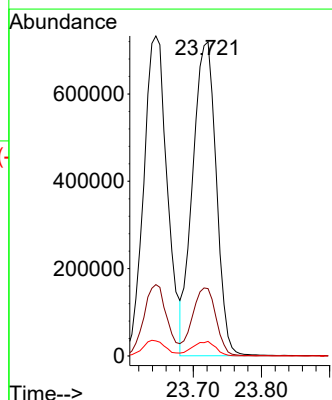
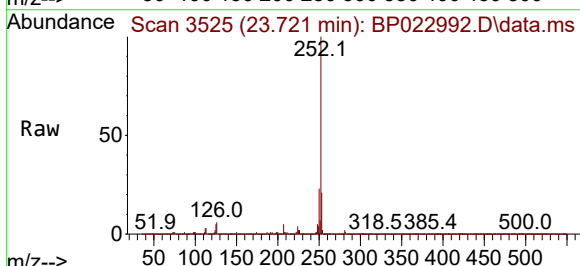
Tgt Ion:252 Resp: 1725123

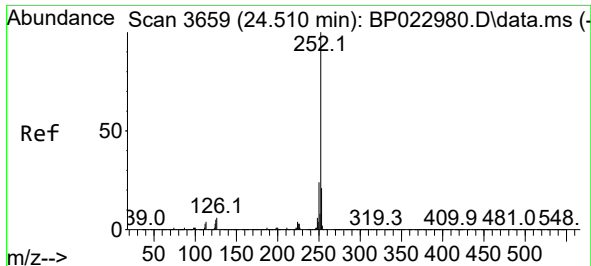
Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 4.7 3.0 4.4#

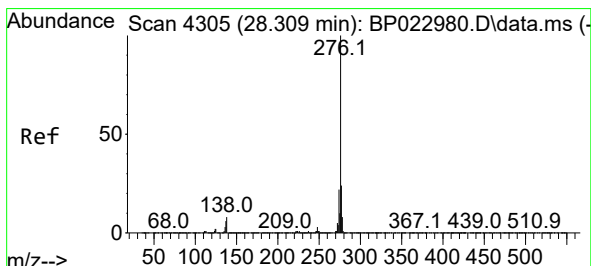
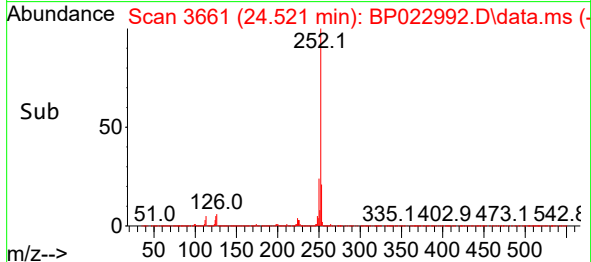
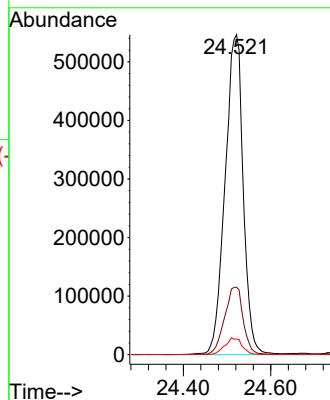
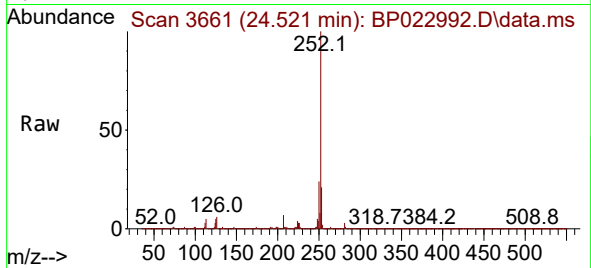




#93
Benzo(a)pyrene
Concen: 33.237 ng/ul
RT: 24.521 min Scan# 3661
Delta R.T. -0.017 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

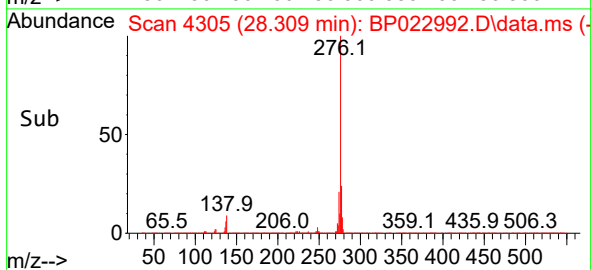
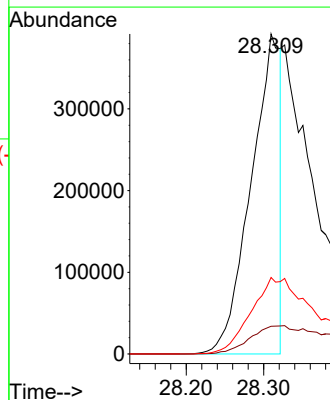
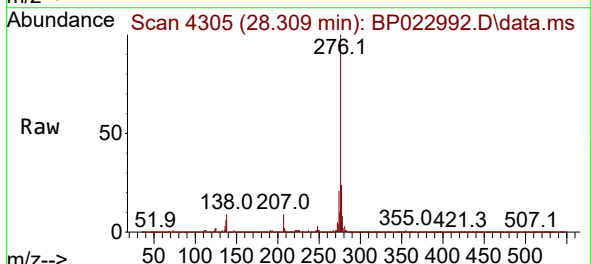
Instrument :
BNA_P
ClientSampleId :
SLCS815

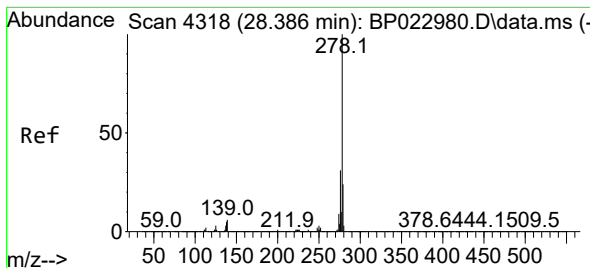
Tgt Ion:252 Resp: 1568511
Ion Ratio Lower Upper
252 100
253 21.1 17.6 26.4
125 4.9 4.2 6.2



#94
Indeno(1,2,3-cd)pyrene
Concen: 15.710 ng/ul
RT: 28.309 min Scan# 4305
Delta R.T. -0.035 min
Lab File: BP022992.D
Acq: 10 Nov 2024 08:51

Tgt Ion:276 Resp: 1032935
Ion Ratio Lower Upper
276 100
138 8.7 7.0 10.4
277 23.9 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 32.024 ng/ul

RT: 28.386 min Scan# 41

Delta R.T. -0.017 min

Lab File: BP022992.D

Acq: 10 Nov 2024 08:51

Instrument :

BNA_P

ClientSampleId :

SLCS815

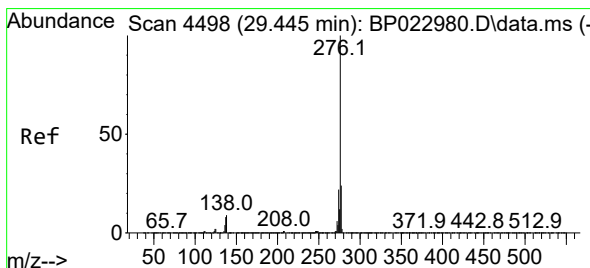
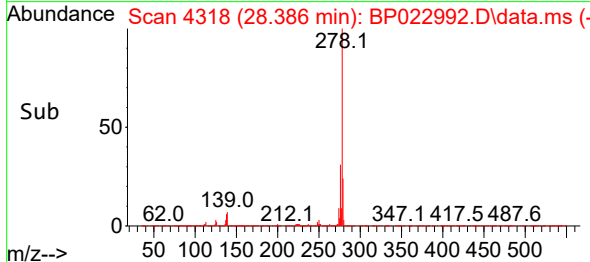
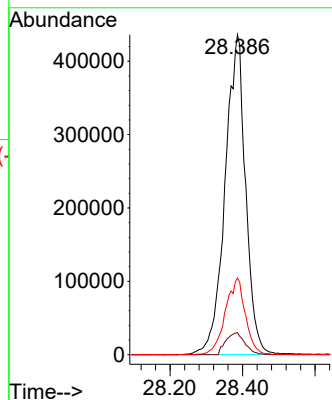
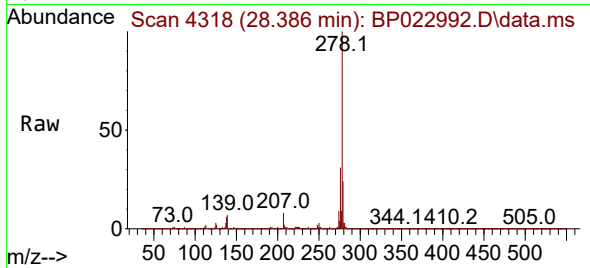
Tgt Ion:278 Resp: 1709626

Ion Ratio Lower Upper

278 100

139 6.9 5.4 8.0

279 23.9 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 17.636 ng/ul

RT: 29.421 min Scan# 4494

Delta R.T. -0.059 min

Lab File: BP022992.D

Acq: 10 Nov 2024 08:51

Tgt Ion:276 Resp: 880738

Ion Ratio Lower Upper

276 100

138 9.0 7.1 10.7

277 24.4 19.4 29.2

