

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013576.D
 Acq On : 24 Jan 2023 18:11
 Operator : CG/JU
 Sample : 01190-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PE-1DMS

Quant Time: Jan 25 03:49:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	456908	20.000	ng	0.00
21) Naphthalene-d8	10.993	136	1831364	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	1015753	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	1974182	20.000	ng	0.00
76) Chrysene-d12	21.627	240	1152069	20.000	ng	0.00
86) Perylene-d12	24.210	264	1093882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	3019069	113.212	ng	0.00
7) Phenol-d6	7.311	99	3845871	107.154	ng	0.01
23) Nitrobenzene-d5	9.334	82	2108943	76.023	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	1237291	121.441	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	4802304	64.897	ng	0.00
79) Terphenyl-d14	20.075	244	5399961	84.322	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.534	88	432472	40.228	ng	95
3) Pyridine	3.946	79	1192634	37.370	ng	96
4) n-Nitrosodimethylamine	3.852	42	580522	40.232	ng	93
6) Aniline	7.475	93	1571747	32.599	ng	99
8) 2-Chlorophenol	7.722	128	1459818	49.609	ng	98
9) Benzaldehyde	7.287	77	592579	26.072	ng	99
10) Phenol	7.334	94	1811268	48.710	ng	98
11) bis(2-Chloroethyl)ether	7.575	93	1338741	44.030	ng	97
12) 1,3-Dichlorobenzene	8.052	146	1530498	47.032	ng	98
13) 1,4-Dichlorobenzene	8.199	146	1549801	46.969	ng	99
14) 1,2-Dichlorobenzene	8.522	146	1498591	46.904	ng	99
15) Benzyl Alcohol	8.399	79	1173960	45.781	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.693	45	1752297	42.087	ng	99
17) 2-Methylphenol	8.599	107	1189928	44.062	ng	99
18) Hexachloroethane	9.258	117	544991	49.414	ng	100
19) n-Nitroso-di-n-propyla...	8.975	70	960269	41.540	ng	97
20) 3+4-Methylphenols	8.928	107	1585417	44.602	ng	99
22) Acetophenone	8.993	105	2026157	43.127	ng	99
24) Nitrobenzene	9.381	77	1412294	47.349	ng	96
25) Isophorone	9.910	82	2685274	40.810	ng	99
26) 2-Nitrophenol	10.093	139	665250	56.988	ng	95
27) 2,4-Dimethylphenol	10.146	122	1278074	44.996	ng	98
28) bis(2-Chloroethoxy)met...	10.387	93	1729950	43.628	ng	100
29) 2,4-Dichlorophenol	10.628	162	1306566	50.008	ng	100
30) 1,2,4-Trichlorobenzene	10.852	180	1369946	45.946	ng	98
31) Naphthalene	11.046	128	4236007	43.024	ng	100
32) Benzoic acid	10.258	122	369540	32.615	ng	97
33) 4-Chloroaniline	11.146	127	517635	11.882	ng	100
34) Hexachlorobutadiene	11.328	225	781165	45.021	ng	99
35) Caprolactam	11.934	113	249152	29.414	ng	94
36) 4-Chloro-3-methylphenol	12.252	107	1331216	46.785	ng	97
37) 2-Methylnaphthalene	12.634	142	2897884	41.409	ng	98
38) 1-Methylnaphthalene	12.851	142	2694368	40.973	ng	98
40) 1,2,4,5-Tetrachloroben...	12.999	216	1442407	46.124	ng	99
41) Hexachlorocyclopentadiene	12.981	237	1629081	98.290	ng	98
43) 2,4,6-Trichlorophenol	13.234	196	967520	52.862	ng	99

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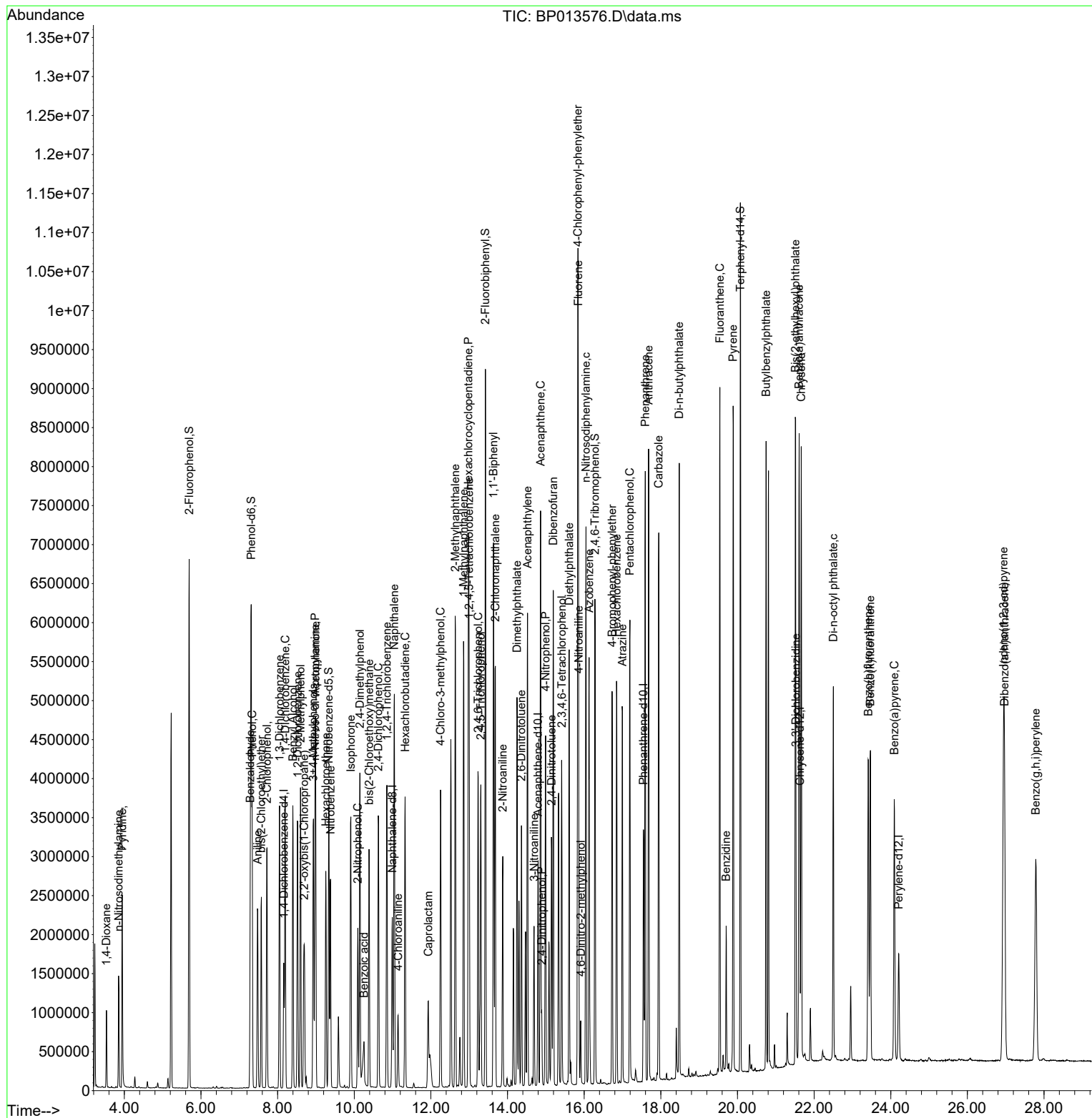
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.304	196	1048108	48.461	ng	98
46) 1,1'-Biphenyl	13.634	154	3681650	45.132	ng	100
47) 2-Chloronaphthalene	13.681	162	2791697	45.680	ng	99
48) 2-Nitroaniline	13.875	65	765676	49.828	ng	89
49) Acenaphthylene	14.522	152	4364577	43.670	ng	99
50) Dimethylphthalate	14.246	163	3360908	44.512	ng	99
51) 2,6-Dinitrotoluene	14.363	165	723538	48.931	ng	92
52) Acenaphthene	14.863	154	2712468	43.935	ng	99
53) 3-Nitroaniline	14.693	138	517812	32.630	ng	# 90
54) 2,4-Dinitrophenol	14.893	184	183442	48.089	ng	98
55) Dibenzofuran	15.193	168	4092189	43.226	ng	99
56) 4-Nitrophenol	14.993	139	1216835	94.161	ng	91
57) 2,4-Dinitrotoluene	15.151	165	947899	53.494	ng	86
58) Fluorene	15.845	166	3204142	42.583	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.416	232	835115	50.287	ng	98
60) Diethylphthalate	15.610	149	3306881	44.841	ng	99
61) 4-Chlorophenyl-phenyle...	15.834	204	1606601	43.423	ng	97
62) 4-Nitroaniline	15.857	138	733327	45.640	ng	93
63) Azobenzene	16.128	77	3089465	43.113	ng	95
65) 4,6-Dinitro-2-methylph...	15.910	198	165022	33.646	ng	94
66) n-Nitrosodiphenylamine	16.045	169	2807243	43.604	ng	99
67) 4-Bromophenyl-phenylether	16.728	248	985694	45.075	ng	99
68) Hexachlorobenzene	16.845	284	1131001	47.881	ng	98
69) Atrazine	16.998	200	927298	50.340	ng	98
70) Pentachlorophenol	17.192	266	1085322	69.586	ng	99
71) Phenanthrene	17.592	178	4840304	44.067	ng	100
72) Anthracene	17.681	178	4830425	43.329	ng	99
73) Carbazole	17.945	167	4474516	44.662	ng	99
74) Di-n-butylphthalate	18.481	149	5550010	49.774	ng	99
75) Fluoranthene	19.539	202	5091463	43.588	ng	100
77) Benzidine	19.704	184	1047863	36.164	ng	99
78) Pyrene	19.886	202	5177743	58.777	ng	100
80) Butylbenzylphthalate	20.745	149	2477012	88.316	ng	100
81) Benzo(a)anthracene	21.610	228	4319096	53.814	ng	100
82) 3,3'-Dichlorobenzidine	21.528	252	717228	27.735	ng	99
83) Chrysene	21.663	228	4228391	55.082	ng	100
84) Bis(2-ethylhexyl)phtha...	21.510	149	3148758	70.149	ng	99
85) Di-n-octyl phthalate	22.504	149	3461201	47.828	ng	97
87) Indeno(1,2,3-cd)pyrene	26.945	276	4439261	55.096	ng	100
88) Benzo(b)fluoranthene	23.416	252	3126392	46.460	ng	100
89) Benzo(k)fluoranthene	23.469	252	3083292	44.923	ng	99
90) Benzo(a)pyrene	24.092	252	2757115	42.237	ng	100
91) Dibenzo(a,h)anthracene	26.968	278	3710365	54.900	ng	99
92) Benzo(g,h,i)perylene	27.786	276	3704374	56.153	ng	99

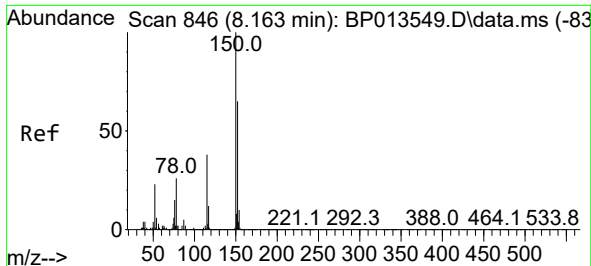
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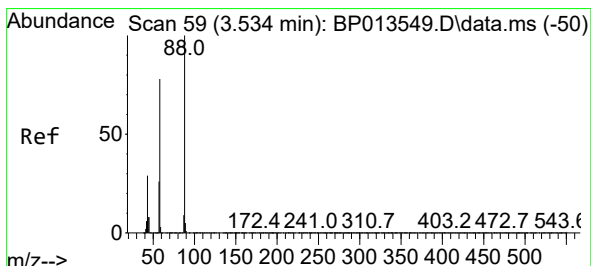
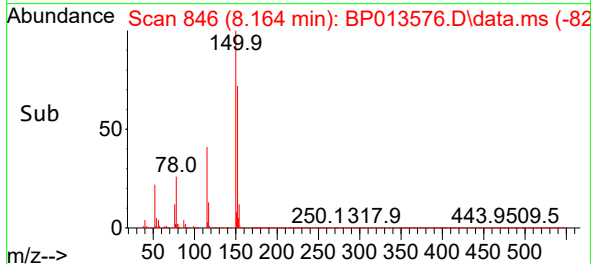
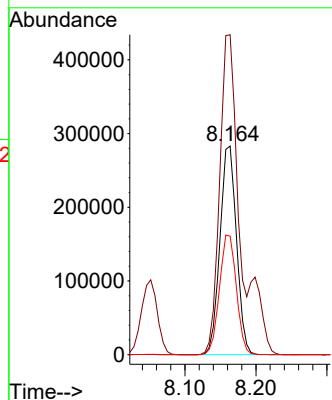
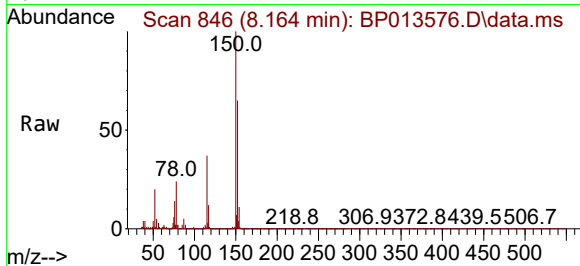




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 84
Delta R.T. -0.000 min
Lab File: BP013576.D
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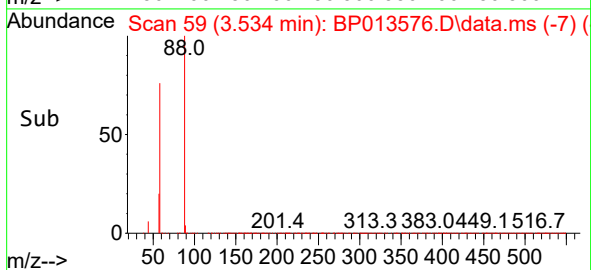
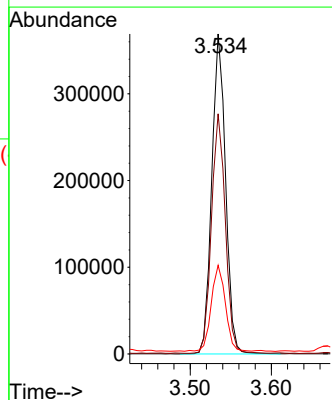
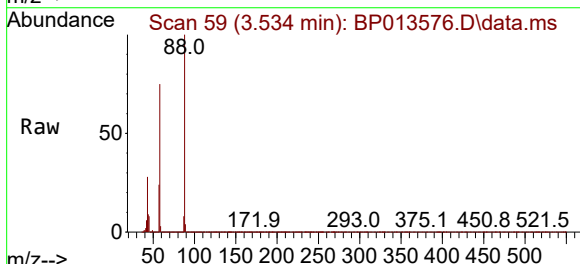
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ClientSampleId :
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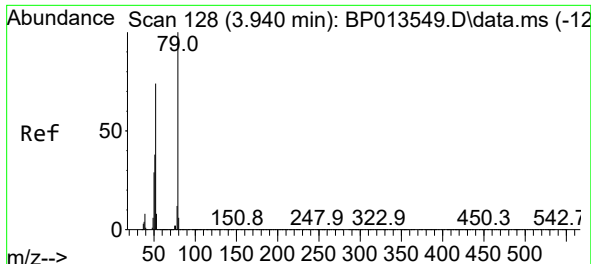
Tgt Ion:152 Resp: 456908
Ion Ratio Lower Upper
152 100
150 153.4 122.4 183.6
115 56.9 46.1 69.1



#2
1,4-Dioxane
Concen: 40.228 ng
RT: 3.534 min Scan# 59
Delta R.T. 0.006 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion: 88 Resp: 432472
Ion Ratio Lower Upper
88 100
58 75.4 63.6 95.4
43 27.5 24.2 36.2

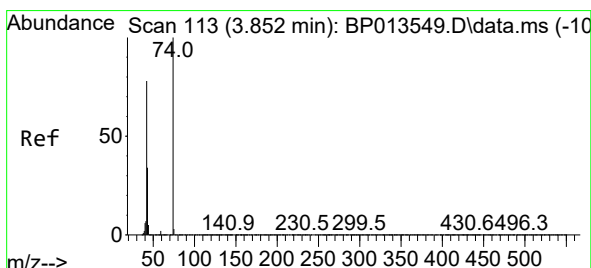
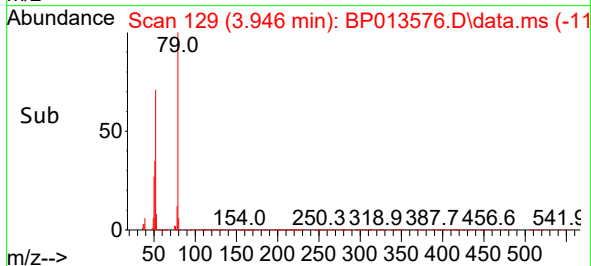
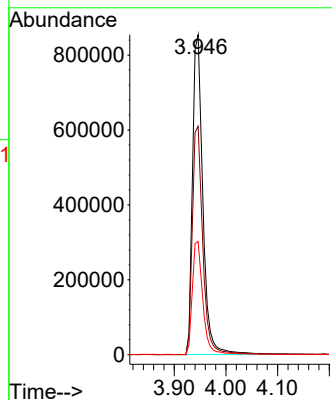
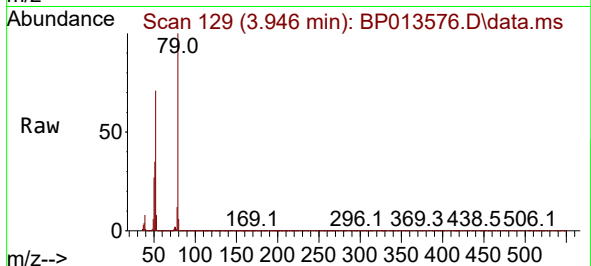




#3
Pyridine
Concen: 37.370 ng
RT: 3.946 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

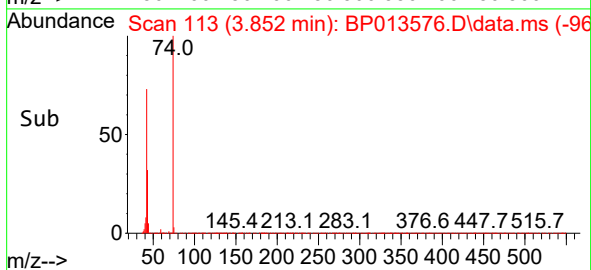
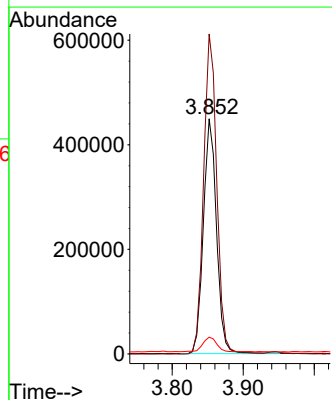
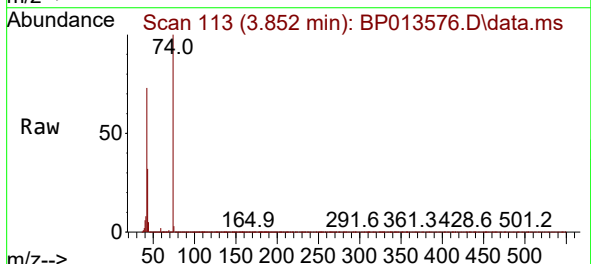
Instrument :
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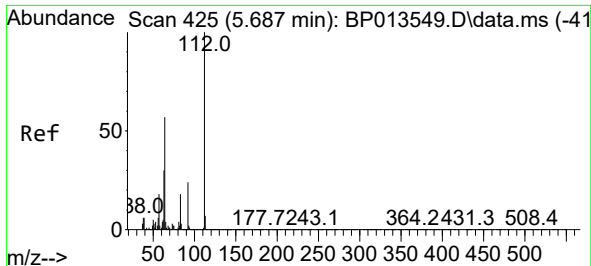
Tgt Ion: 79 Resp: 1192634
Ion Ratio Lower Upper
79 100
52 71.3 59.4 89.2
51 35.4 30.6 45.8



#4
n-Nitrosodimethylamine
Concen: 40.232 ng
RT: 3.852 min Scan# 113
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion: 42 Resp: 580522
Ion Ratio Lower Upper
42 100
74 136.1 102.3 153.5
44 7.2 6.2 9.2

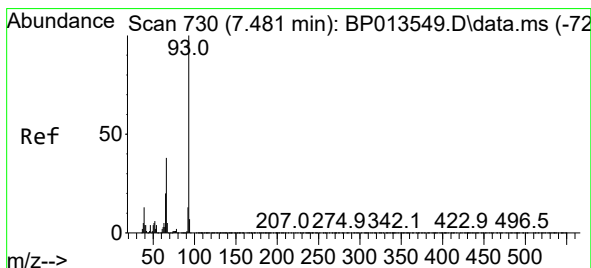
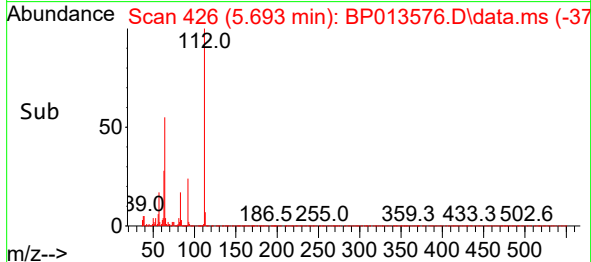
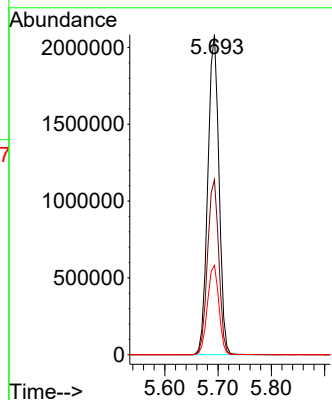
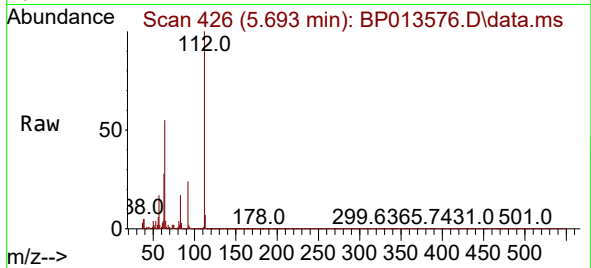




#5
2-Fluorophenol
Concen: 113.212 ng
RT: 5.693 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

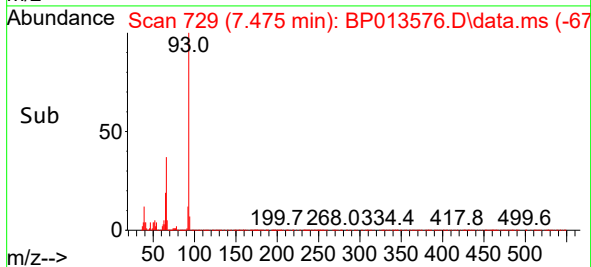
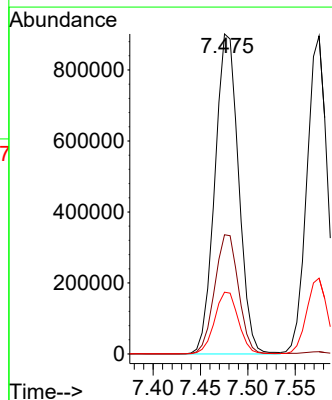
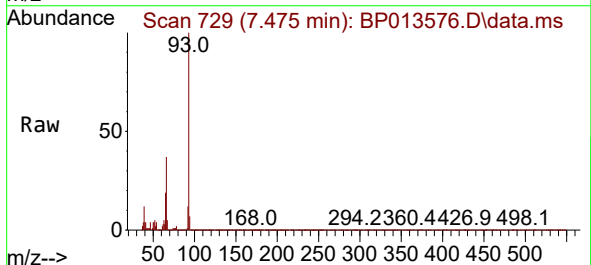
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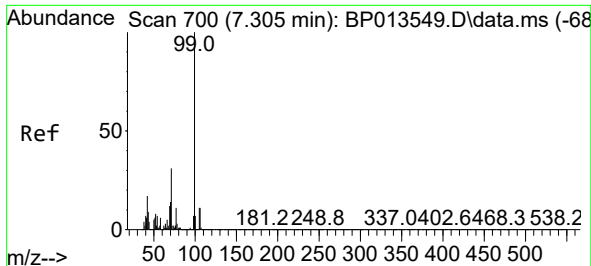
Tgt Ion:112 Resp: 3019069
Ion Ratio Lower Upper
112 100
64 54.7 45.4 68.0
63 28.0 24.1 36.1



#6
Aniline
Concen: 32.599 ng
RT: 7.475 min Scan# 729
Delta R.T. -0.000 min
Lab File: BP013576.D
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Tgt Ion: 93 Resp: 1571747
Ion Ratio Lower Upper
93 100
66 37.3 30.3 45.5
65 19.3 15.9 23.9

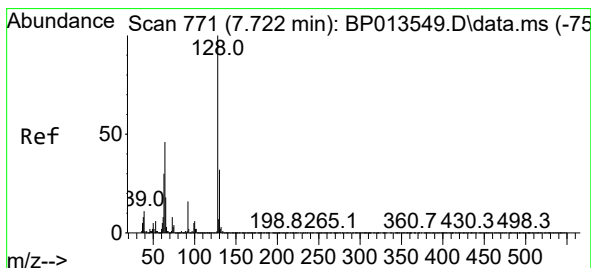
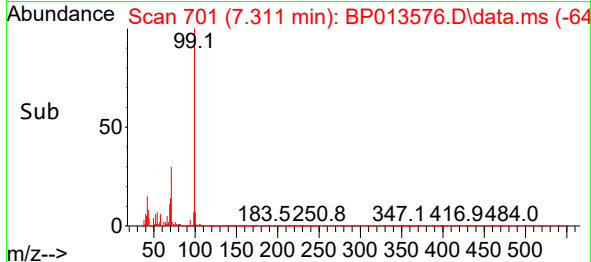
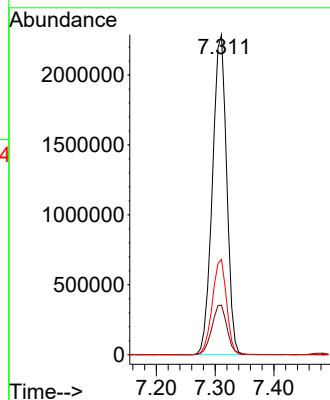
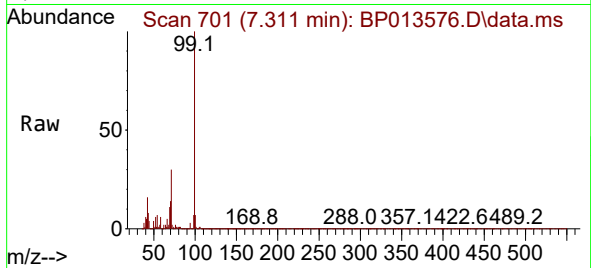




#7
Phenol-d6
Concen: 107.154 ng
RT: 7.311 min Scan# 701
Delta R.T. 0.012 min
Lab File: BP013576.D
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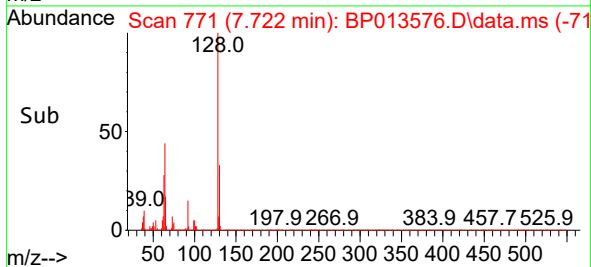
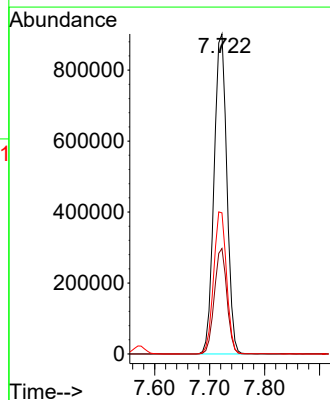
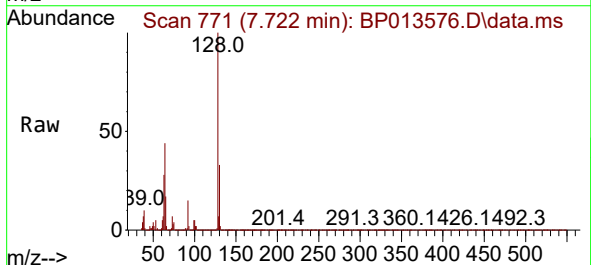
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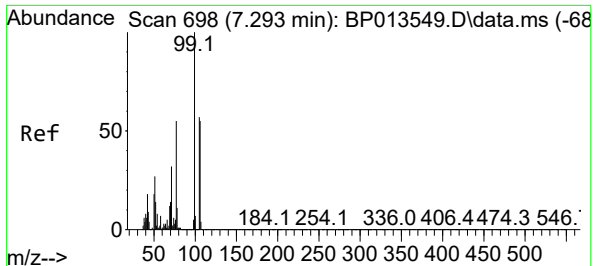
Tgt Ion: 99 Resp: 3845871
Ion Ratio Lower Upper
99 100
42 15.5 14.0 21.0
71 29.8 24.7 37.1



#8
2-Chlorophenol
Concen: 49.609 ng
RT: 7.722 min Scan# 771
Delta R.T. 0.006 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion: 128 Resp: 1459818
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 44.1 26.2 66.2

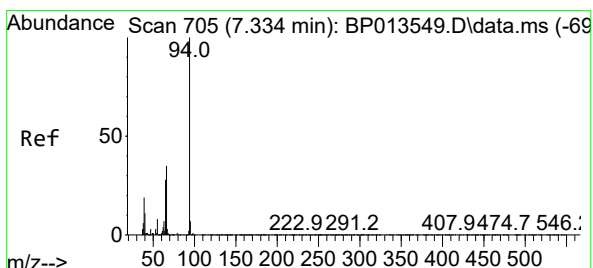
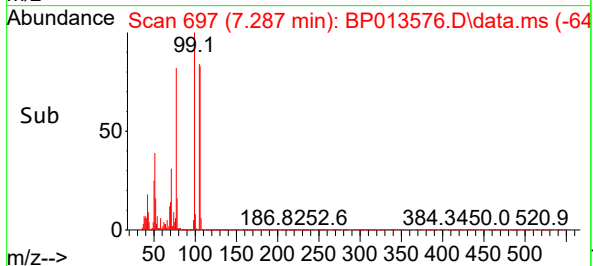
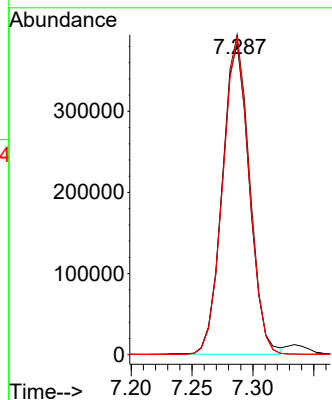
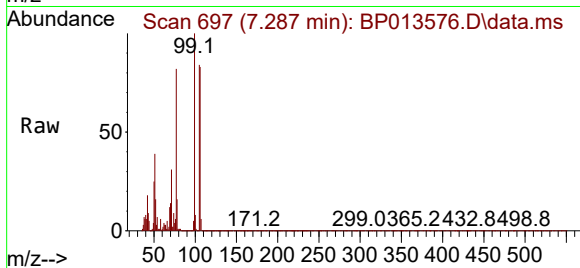




#9
Benzaldehyde
Concen: 26.072 ng
RT: 7.287 min Scan# 698
Delta R.T. -0.000 min
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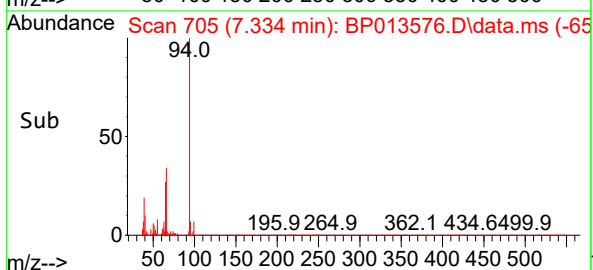
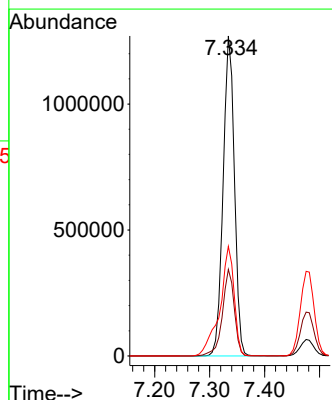
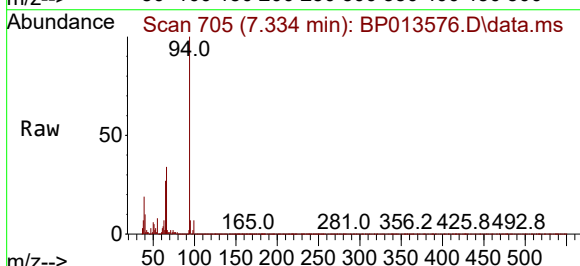
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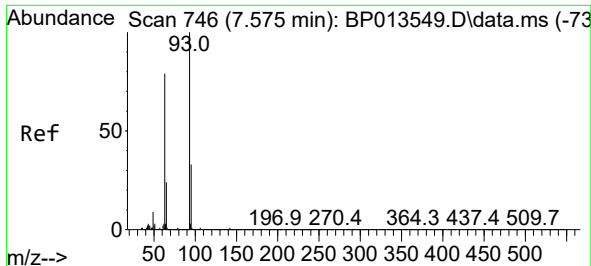
Tgt Ion: 77 Resp: 592579
Ion Ratio Lower Upper
77 100
105 102.8 82.6 122.6
106 101.5 78.9 118.9



#10
Phenol
Concen: 48.710 ng
RT: 7.334 min Scan# 705
Delta R.T. 0.006 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion: 94 Resp: 1811268
Ion Ratio Lower Upper
94 100
65 27.0 7.8 47.8
66 34.2 15.5 55.5





#11

bis(2-Chloroethyl)ether

Concen: 44.030 ng

RT: 7.575 min Scan# 746

Delta R.T. -0.000 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Instrument :

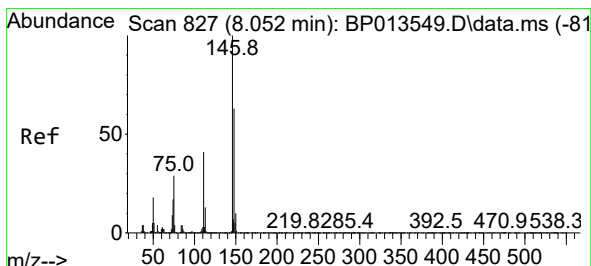
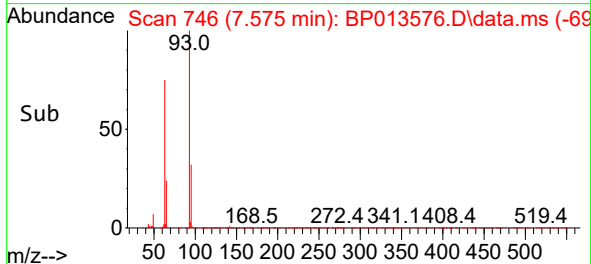
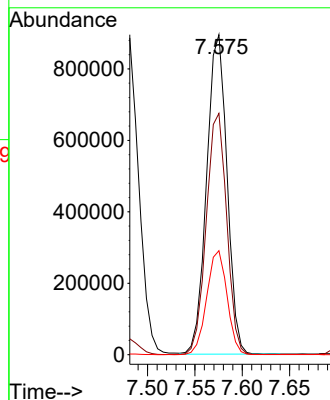
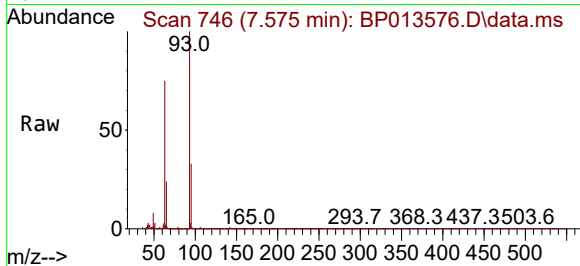
BNA_P

ClientSampleId :

PE-1DMS

Tgt Ion: 93 Resp: 1338741

Ion	Ratio	Lower	Upper
93	100		
63	75.4	58.7	98.7
95	32.5	12.8	52.8



#12

1,3-Dichlorobenzene

Concen: 47.032 ng

RT: 8.052 min Scan# 827

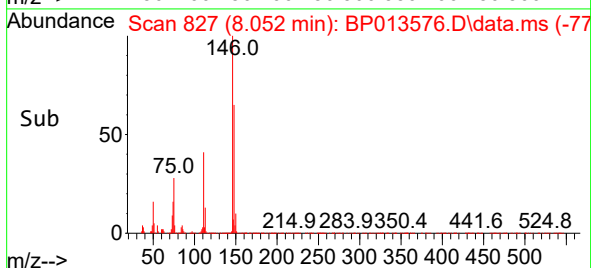
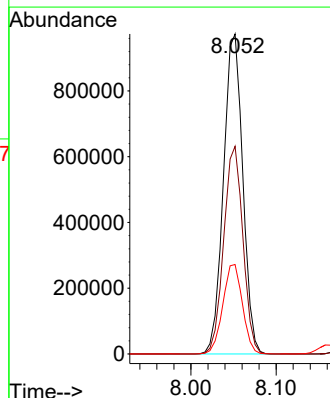
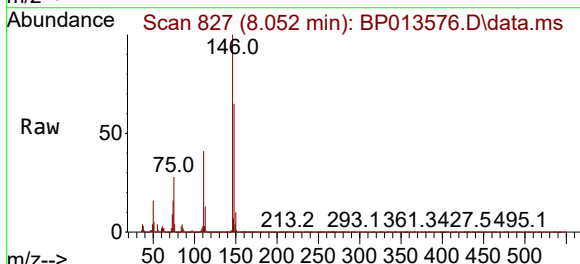
Delta R.T. -0.000 min

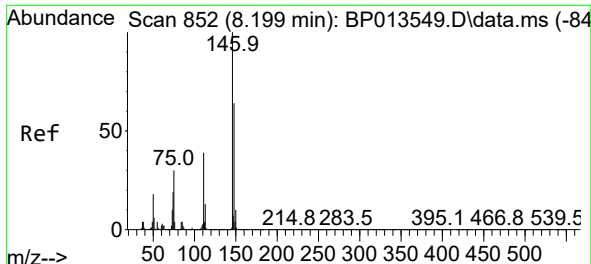
Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Tgt Ion:146 Resp: 1530498

Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.7	76.1
75	27.9	23.4	35.2

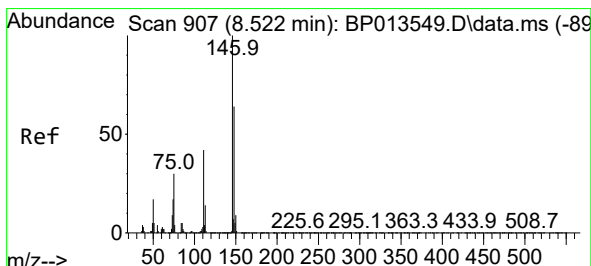
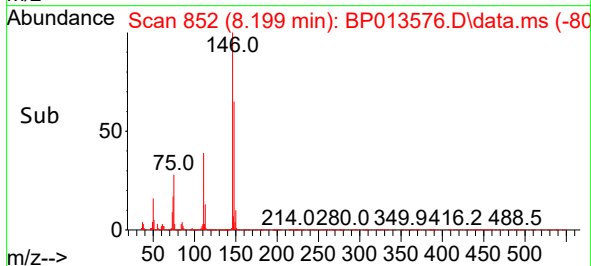
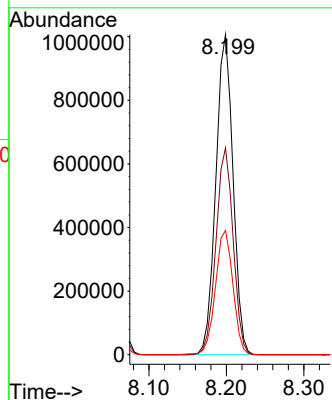
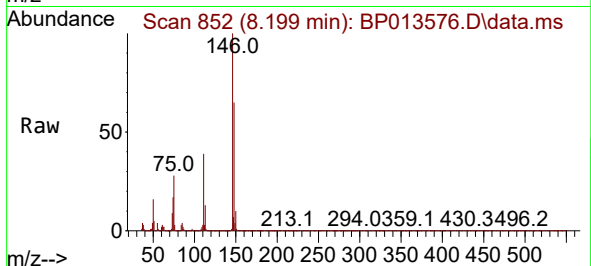




#13
1,4-Dichlorobenzene
Concen: 46.969 ng
RT: 8.199 min Scan# 852
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

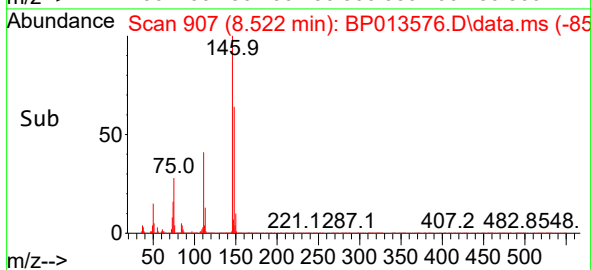
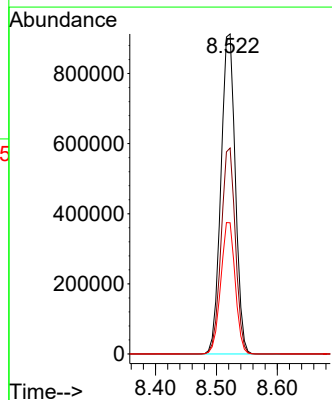
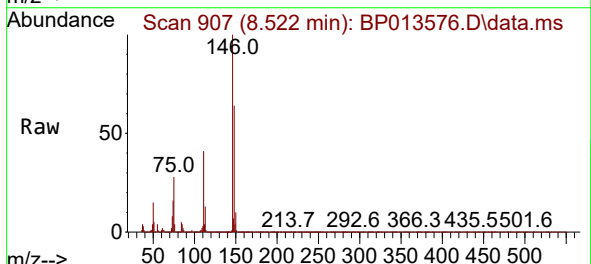
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

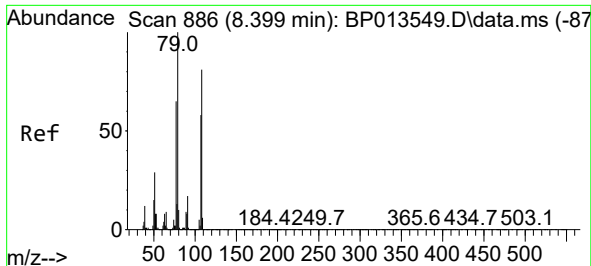
Tgt Ion:146 Resp: 1549801
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.0
111 38.9 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 46.904 ng
RT: 8.522 min Scan# 907
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:146 Resp: 1498591
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 41.0 33.4 50.2

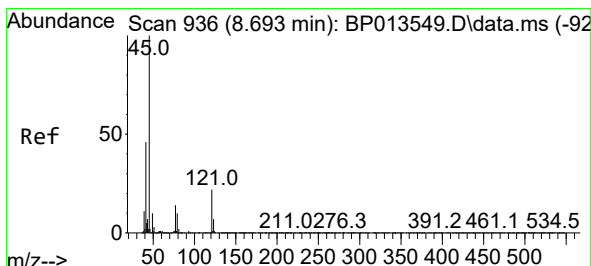
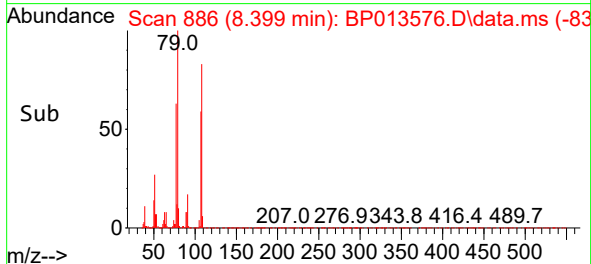
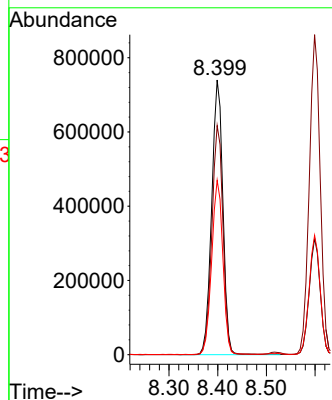
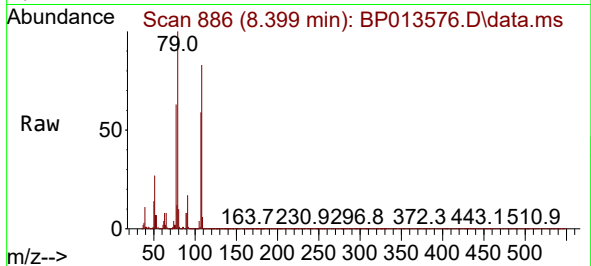




#15
Benzyl Alcohol
Concen: 45.781 ng
RT: 8.399 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

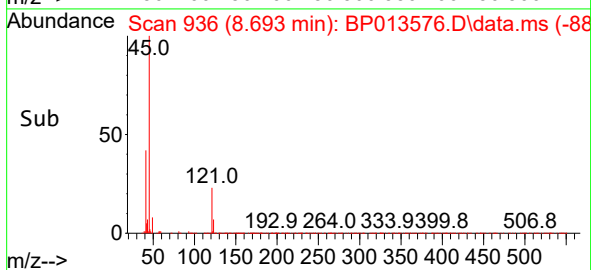
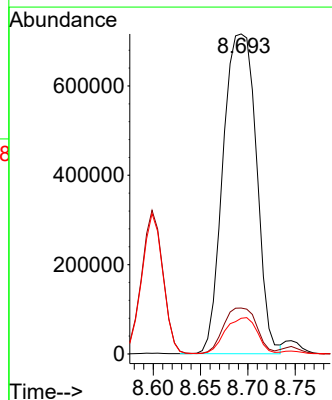
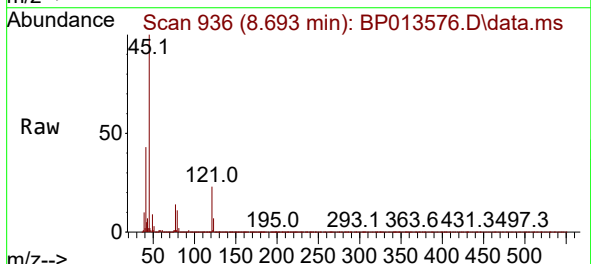
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

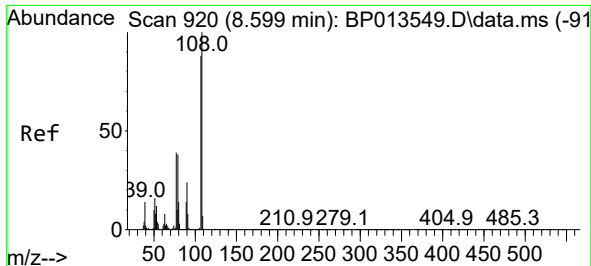
Tgt Ion: 79 Resp: 1173960
Ion Ratio Lower Upper
79 100
108 83.4 65.2 97.8
77 63.5 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.087 ng
RT: 8.693 min Scan# 936
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion: 45 Resp: 1752297
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.2
79 11.1 0.0 30.4





#17

2-Methylphenol

Concen: 44.062 ng

RT: 8.599 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Instrument :

BNA_P

ClientSampleId :

PE-1DMS

Tgt Ion:107 Resp: 1189928

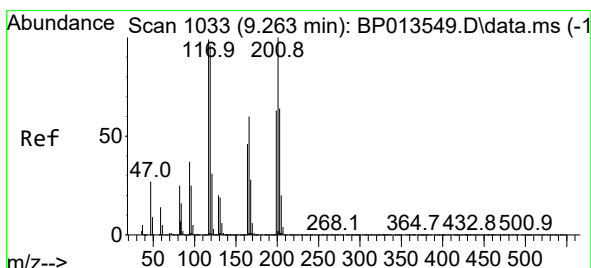
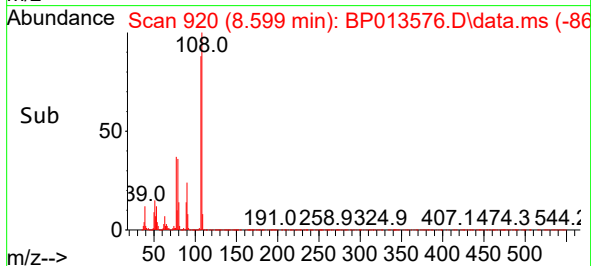
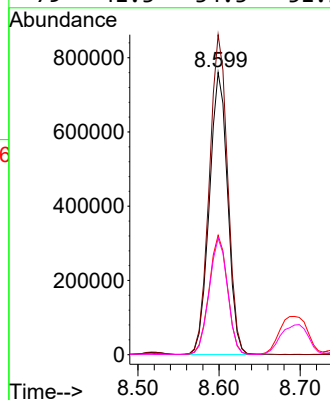
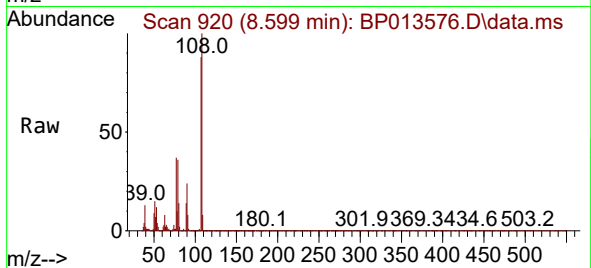
Ion Ratio Lower Upper

107 100

108 113.3 90.5 135.7

77 42.3 35.4 53.2

79 41.3 34.3 51.5



#18

Hexachloroethane

Concen: 49.414 ng

RT: 9.258 min Scan# 1032

Delta R.T. -0.000 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

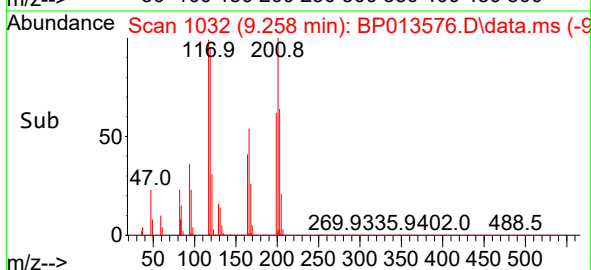
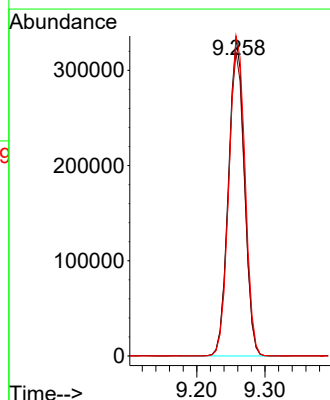
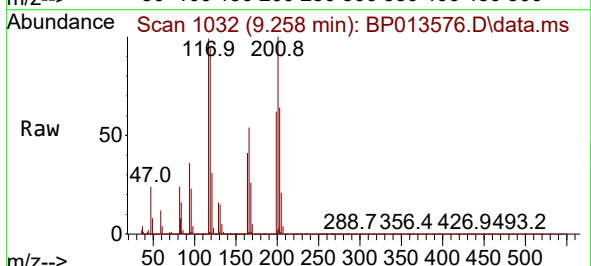
Tgt Ion:117 Resp: 544991

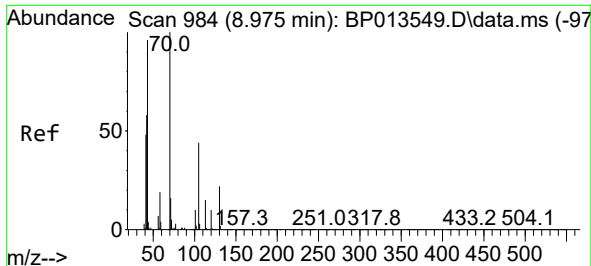
Ion Ratio Lower Upper

117 100

119 95.6 77.0 115.6

201 100.8 80.6 120.8

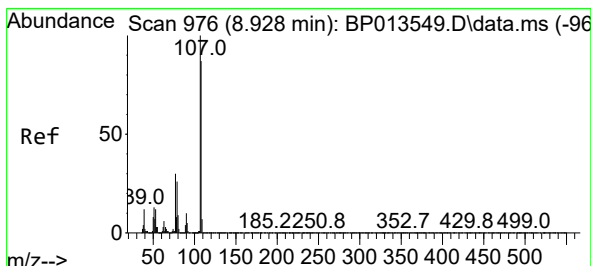
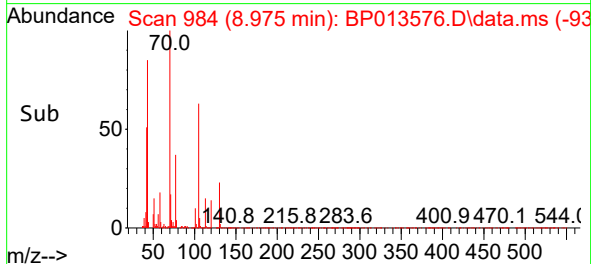
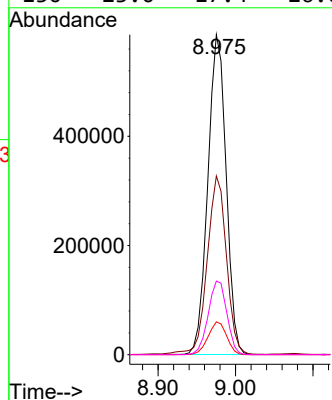
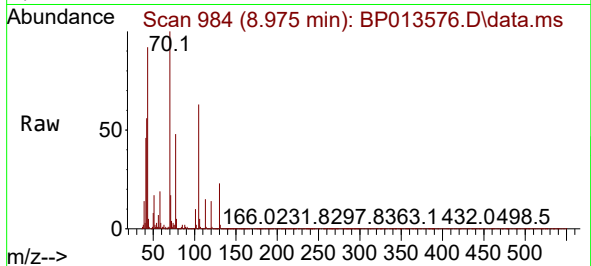




#19
n-Nitroso-di-n-propylamine
Concen: 41.540 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

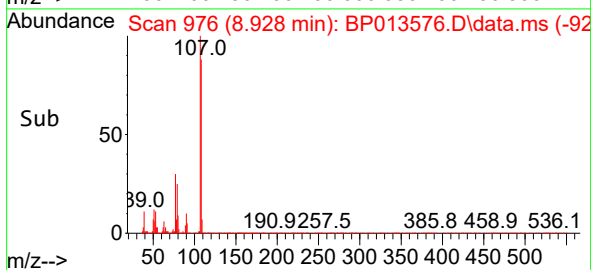
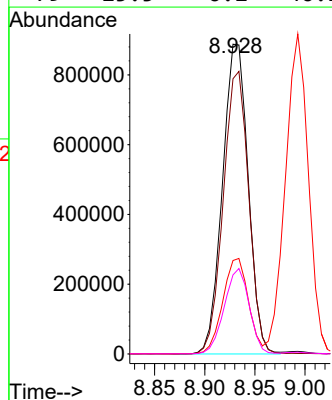
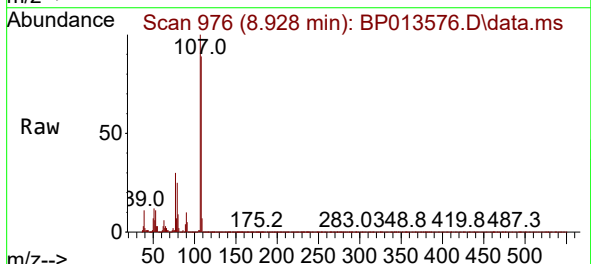
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

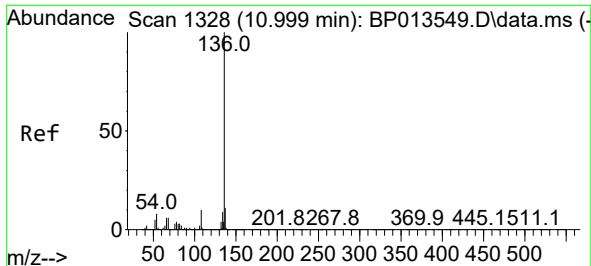
Tgt Ion: 70 Resp: 960269
Ion Ratio Lower Upper
70 100
42 55.8 47.2 70.8
101 10.3 8.0 12.0
130 23.0 17.4 26.0



#20
3+4-Methylphenols
Concen: 44.602 ng
RT: 8.928 min Scan# 976
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:107 Resp: 1585417
Ion Ratio Lower Upper
107 100
108 88.8 67.5 107.5
77 30.2 10.5 50.5
79 25.5 6.2 46.2

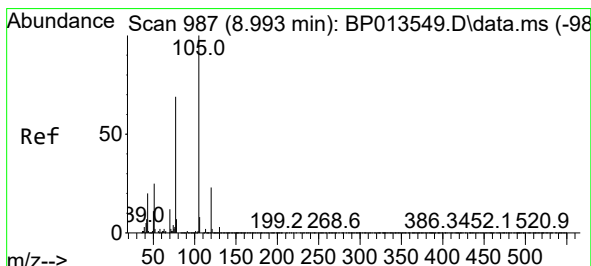
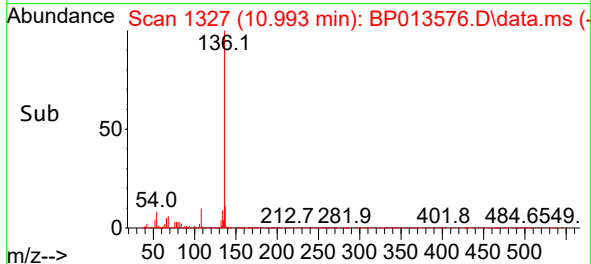
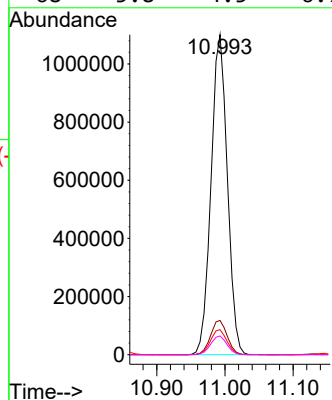
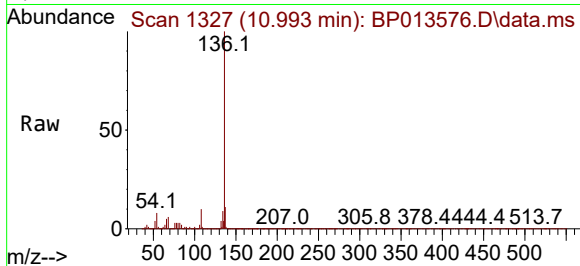




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.993 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

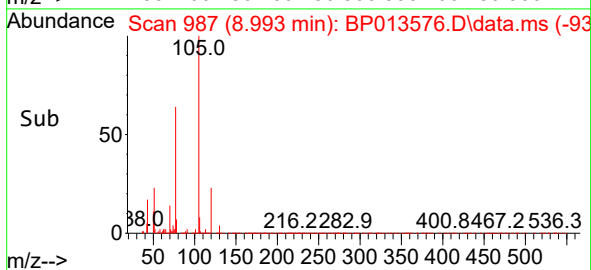
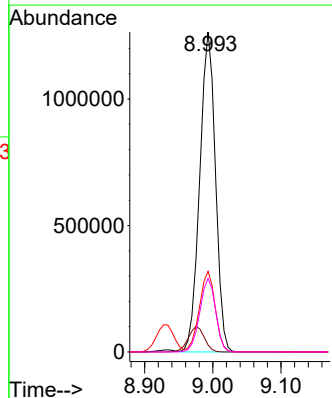
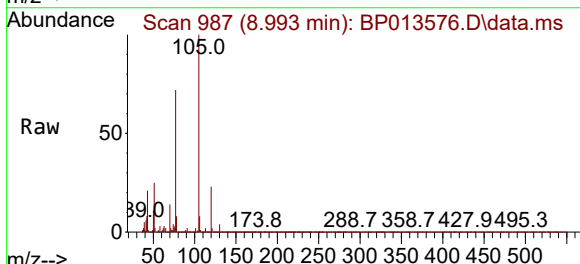
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

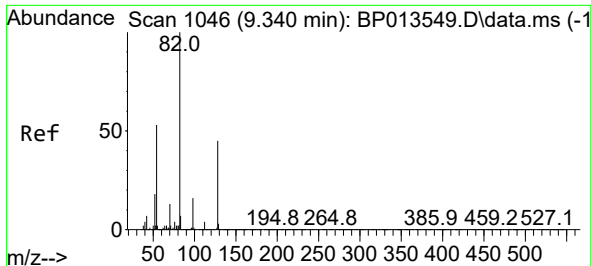
Tgt Ion:136 Resp: 1831364
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 7.8 6.6 9.8
68 5.8 4.5 6.7



#22
Acetophenone
Concen: 43.127 ng
RT: 8.993 min Scan# 987
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:105 Resp: 2026157
Ion Ratio Lower Upper
105 100
71 2.2 1.8 2.8
51 25.2 21.1 31.7
120 23.0 18.2 27.2





#23

Nitrobenzene-d5

Concen: 76.023 ng

RT: 9.334 min Scan# 1045

Delta R.T. -0.000 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Instrument :

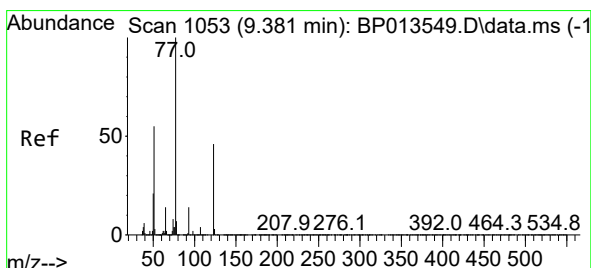
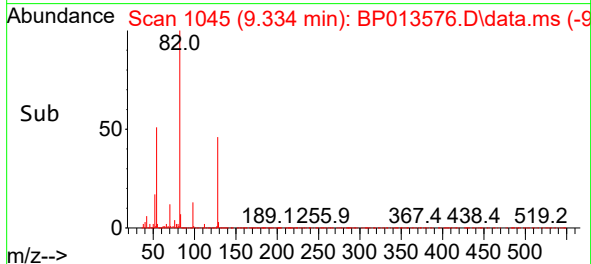
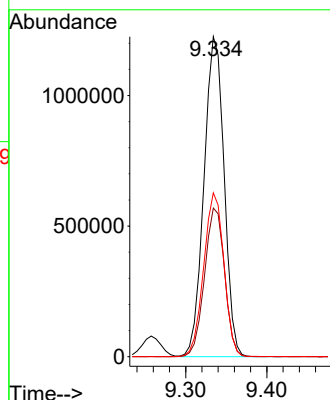
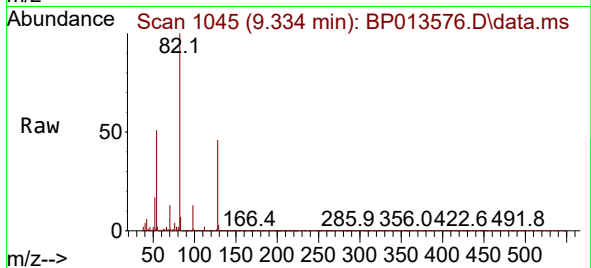
BNA_P

ClientSampleId :

PE-1DMS

Tgt Ion: 82 Resp: 2108943

Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.8	53.6
54	51.2	42.6	64.0



#24

Nitrobenzene

Concen: 47.349 ng

RT: 9.381 min Scan# 1053

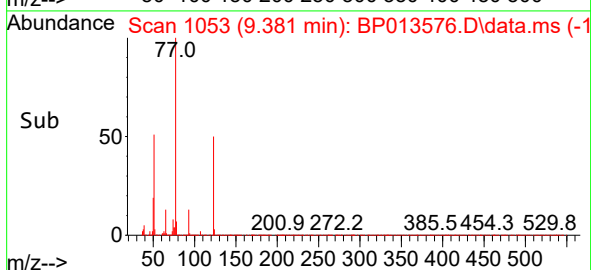
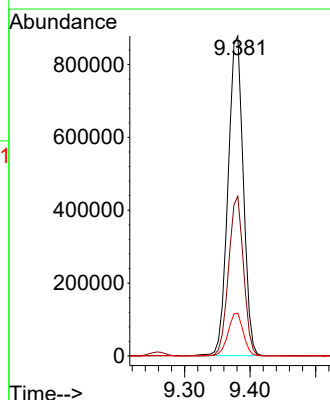
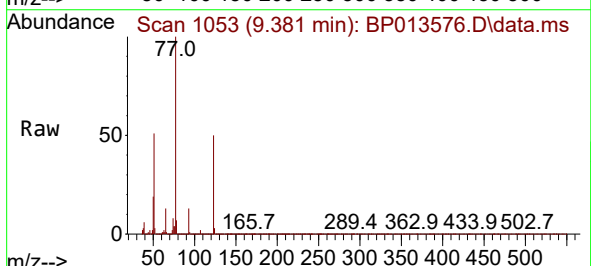
Delta R.T. 0.006 min

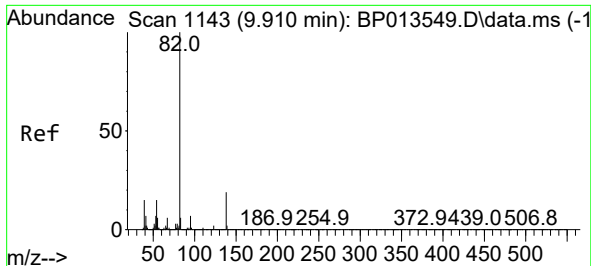
Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Tgt Ion: 77 Resp: 1412294

Ion	Ratio	Lower	Upper
77	100		
123	49.9	37.2	55.8
65	13.3	11.1	16.7

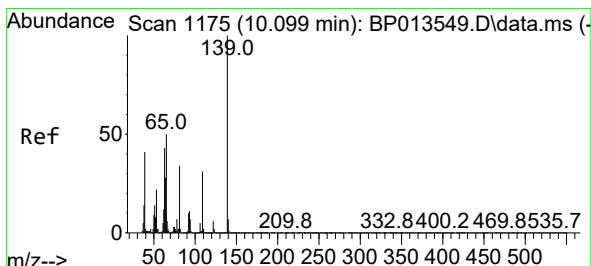
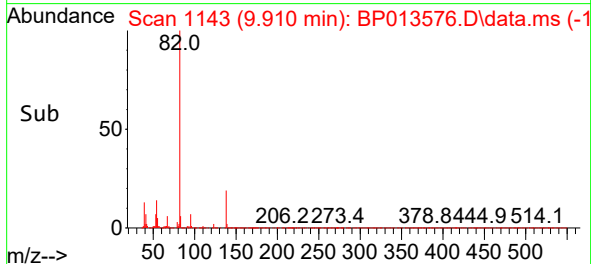
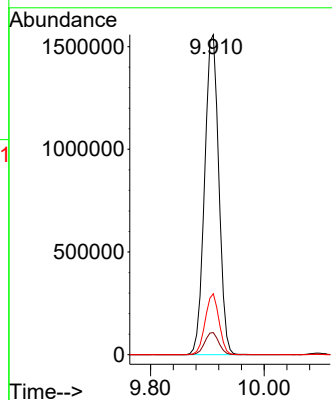
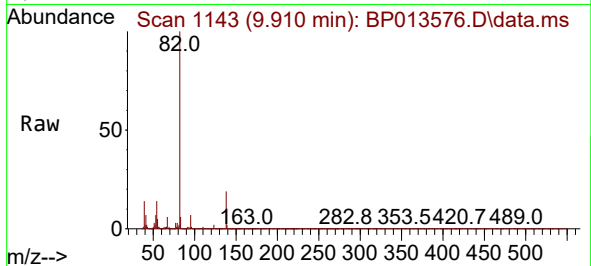




#25
Isophorone
Concen: 40.810 ng
RT: 9.910 min Scan# 1143
Delta R.T. 0.006 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

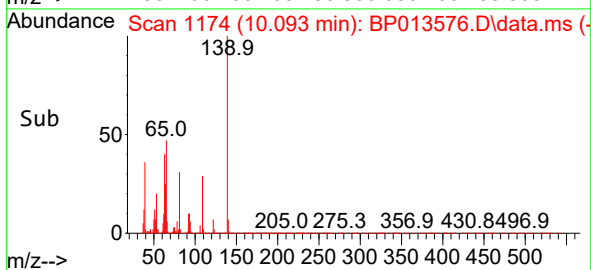
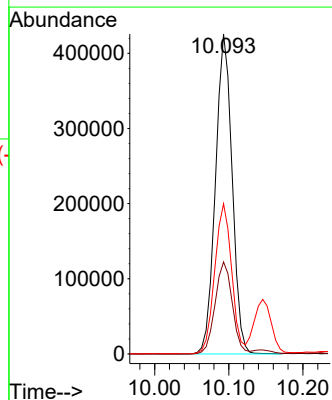
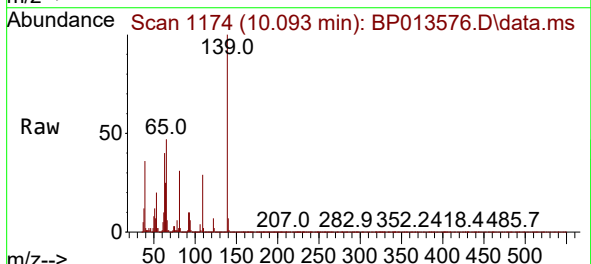
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

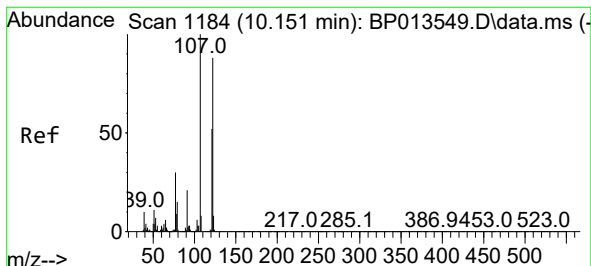
Tgt Ion: 82 Resp: 2685274
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.8
138 19.1 15.1 22.7



#26
2-Nitrophenol
Concen: 56.988 ng
RT: 10.093 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion: 139 Resp: 665250
Ion Ratio Lower Upper
139 100
109 28.7 25.1 37.7
65 47.0 40.1 60.1

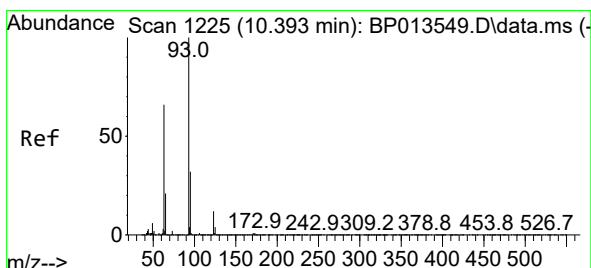
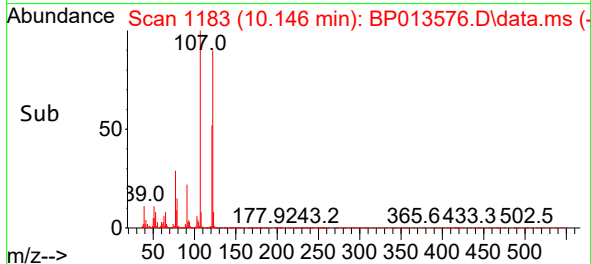
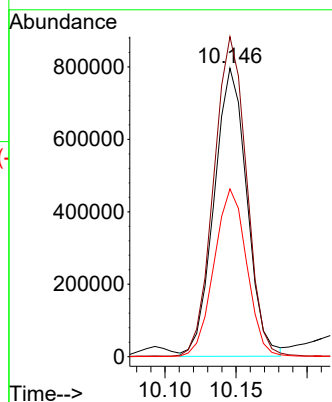
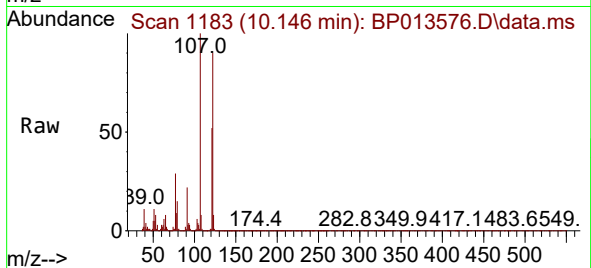




#27
2,4-Dimethylphenol
Concen: 44.996 ng
RT: 10.146 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

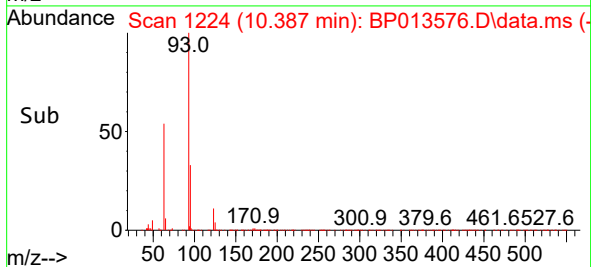
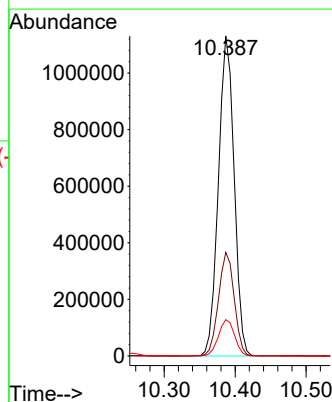
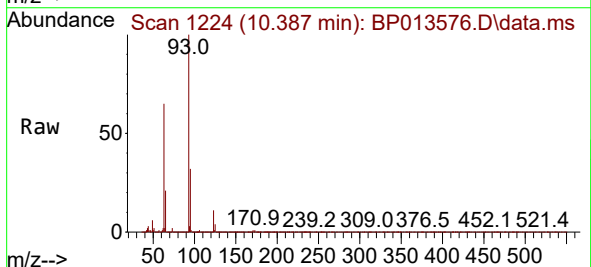
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

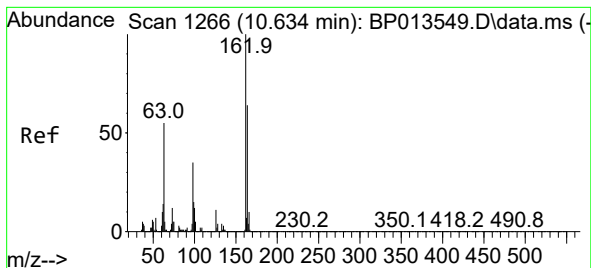
Tgt Ion:122 Resp: 1278074
Ion Ratio Lower Upper
122 100
107 110.9 90.7 136.1
121 58.2 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.628 ng
RT: 10.387 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion: 93 Resp: 1729950
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.8
123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 50.008 ng

RT: 10.628 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Instrument :

BNA_P

ClientSampleId :

PE-1DMS

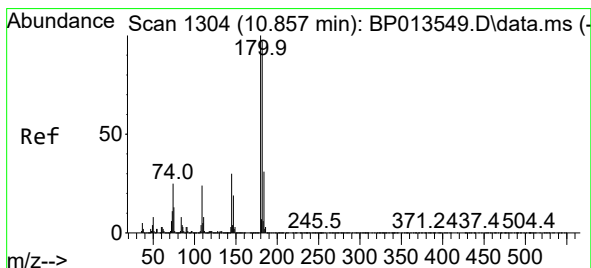
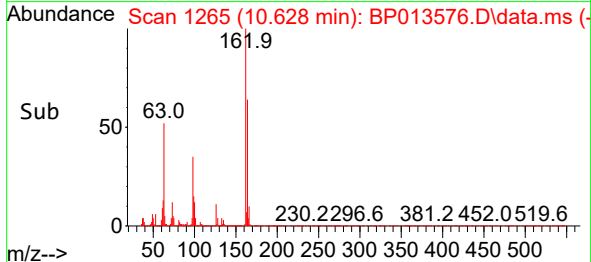
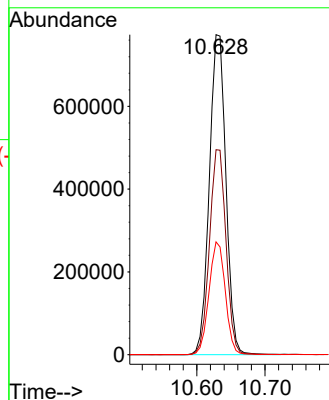
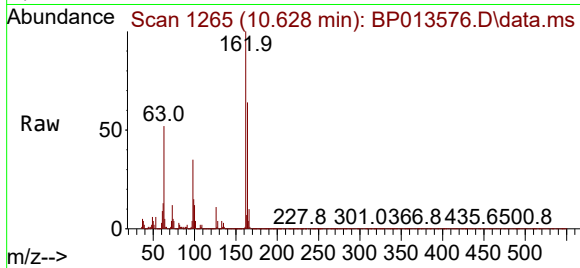
Tgt Ion:162 Resp: 1306566

Ion Ratio Lower Upper

162 100

164 64.1 44.3 84.3

98 35.2 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 45.946 ng

RT: 10.852 min Scan# 1303

Delta R.T. -0.000 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

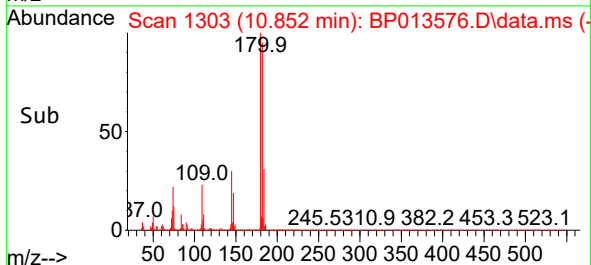
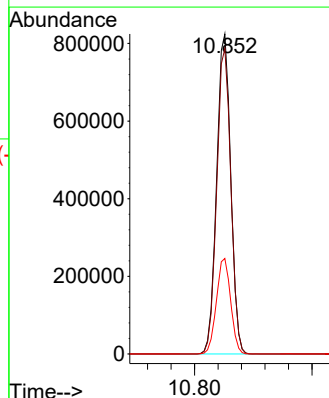
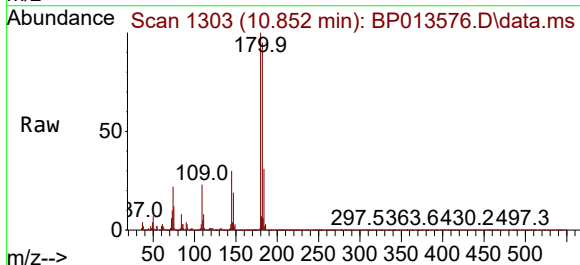
Tgt Ion:180 Resp: 1369946

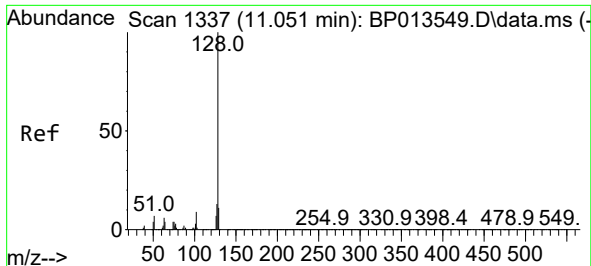
Ion Ratio Lower Upper

180 100

182 95.4 77.9 116.9

145 29.8 24.0 36.0

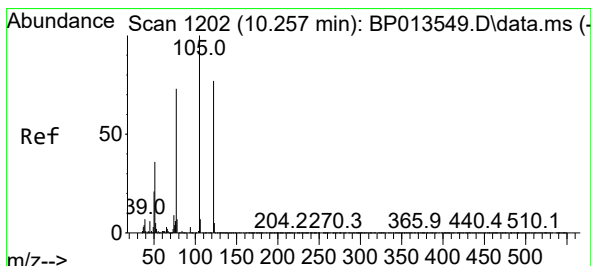
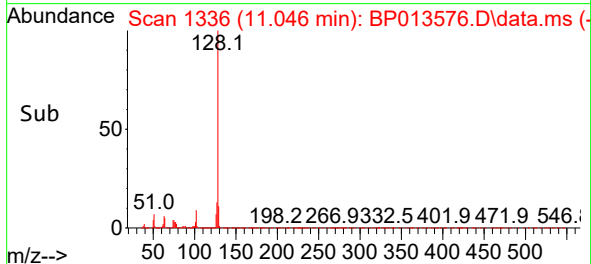
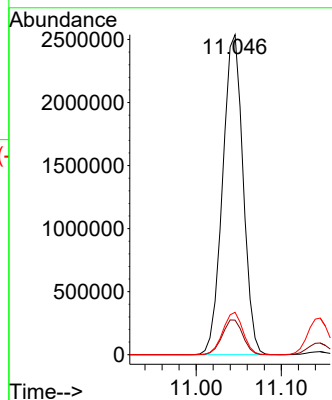
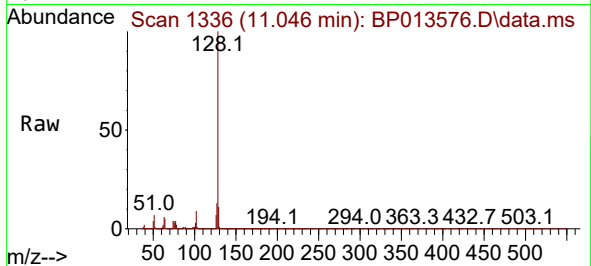




#31
Naphthalene
Concen: 43.024 ng
RT: 11.046 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

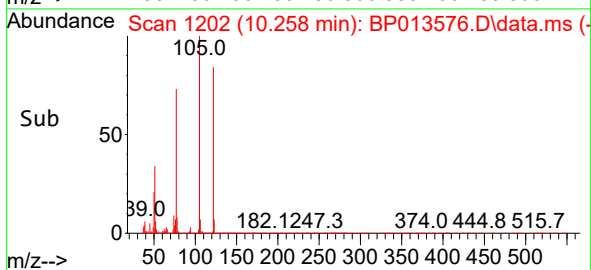
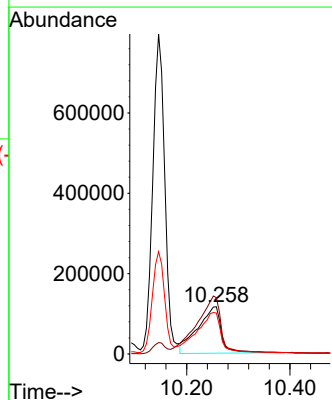
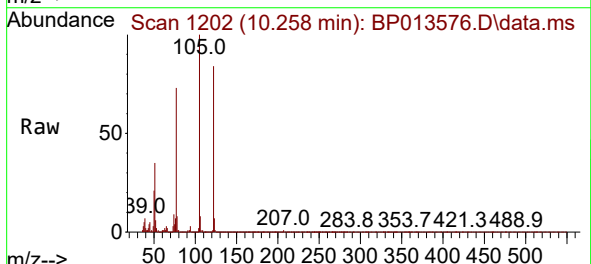
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

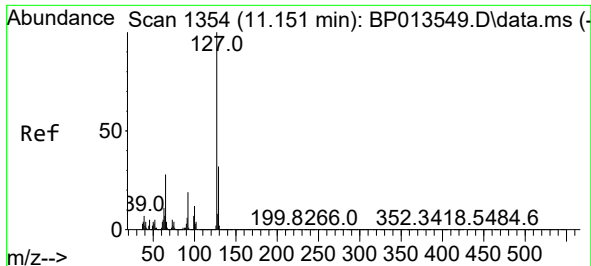
Tgt Ion:128 Resp: 4236007
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 32.615 ng
RT: 10.258 min Scan# 1202
Delta R.T. -0.012 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:122 Resp: 369540
Ion Ratio Lower Upper
122 100
105 119.0 100.5 140.5
77 86.8 70.9 110.9

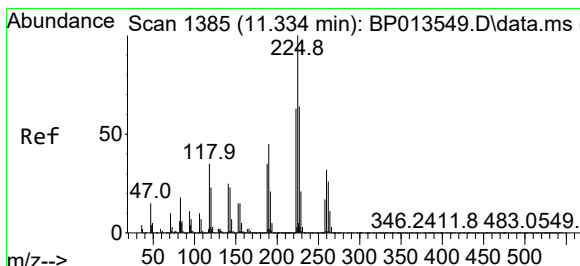
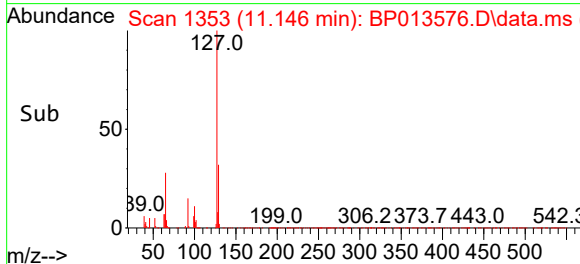
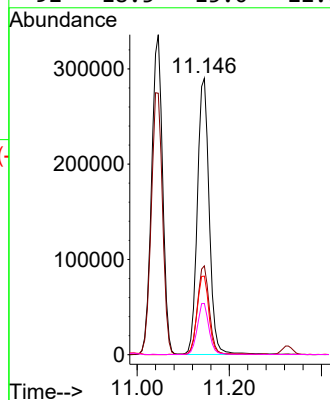
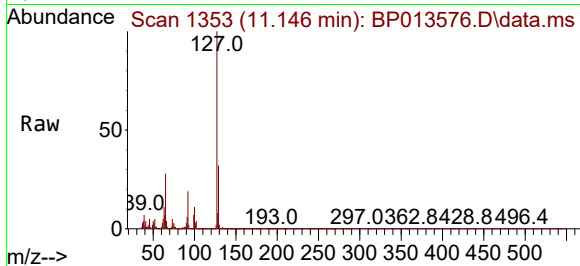




#33
4-Chloroaniline
Concen: 11.882 ng
RT: 11.146 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

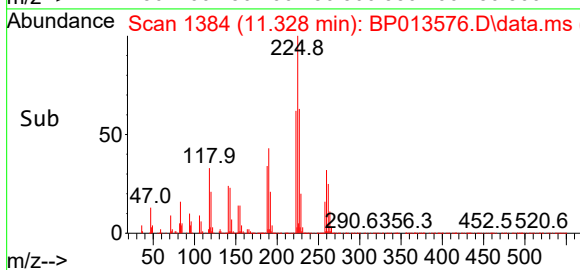
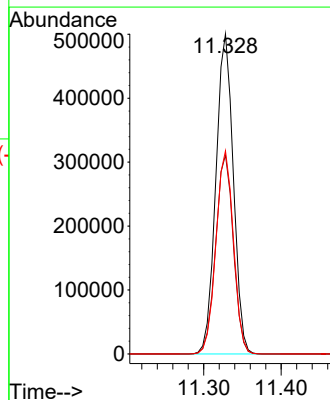
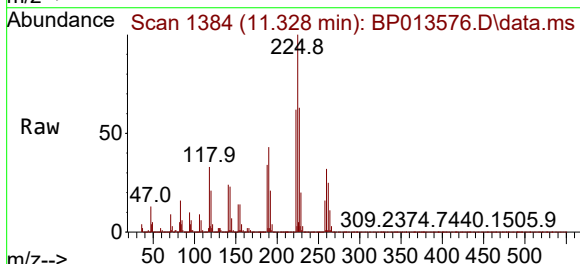
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

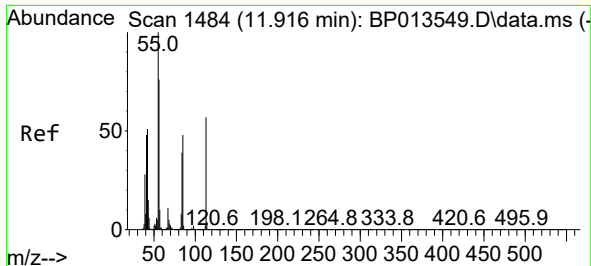
Tgt Ion:	127	Resp:	517635
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	28.5	22.7	34.1
92	18.5	15.0	22.6



#34
Hexachlorobutadiene
Concen: 45.021 ng
RT: 11.328 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:	225	Resp:	781165
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.2
227	63.5	51.4	77.2

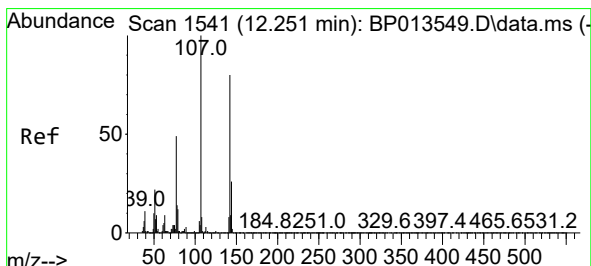
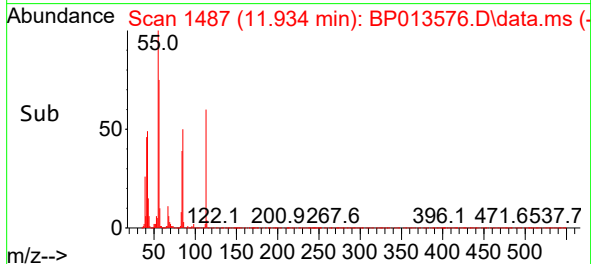
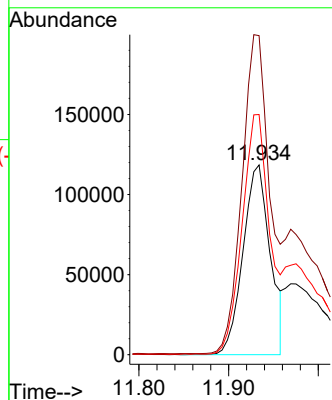
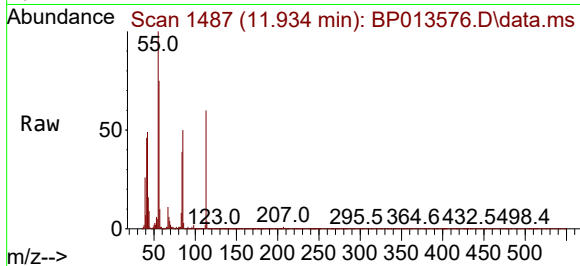




#35
Caprolactam
Concen: 29.414 ng
RT: 11.934 min Scan# 1487
Delta R.T. 0.012 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

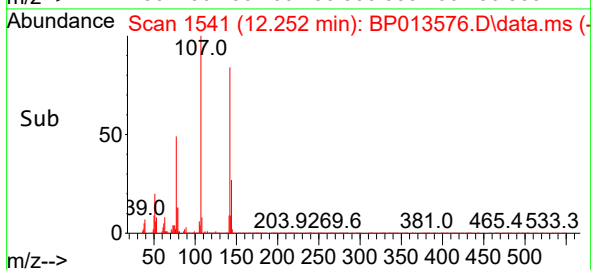
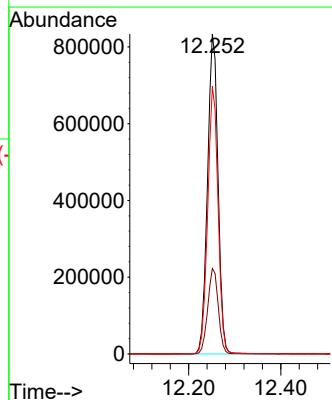
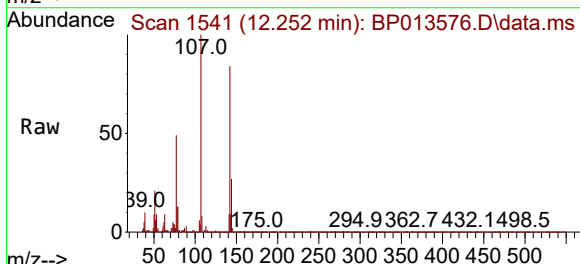
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

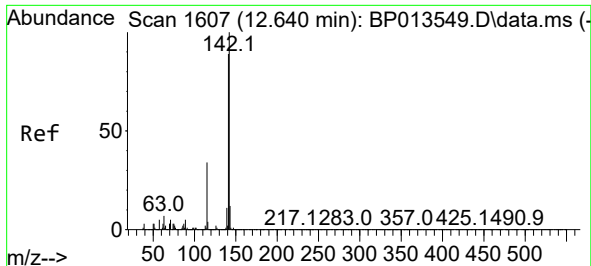
Tgt Ion:113 Resp: 249152
Ion Ratio Lower Upper
113 100
55 168.0 156.5 196.5
56 126.5 113.5 153.5



#36
4-Chloro-3-methylphenol
Concen: 46.785 ng
RT: 12.252 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:107 Resp: 1331216
Ion Ratio Lower Upper
107 100
144 26.7 21.1 31.7
142 83.6 64.0 96.0

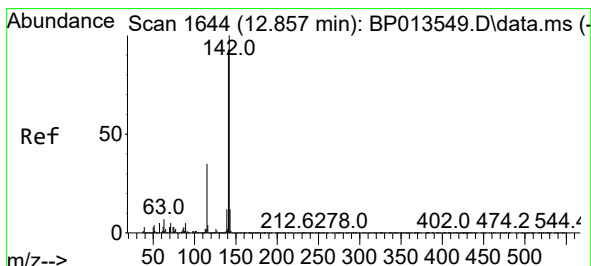
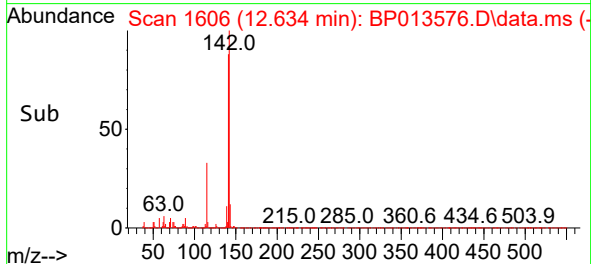
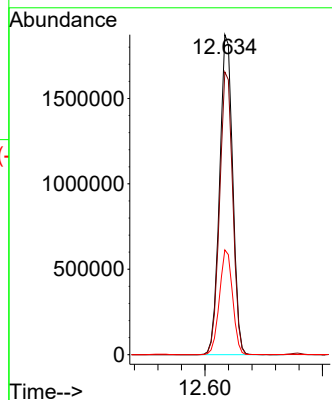
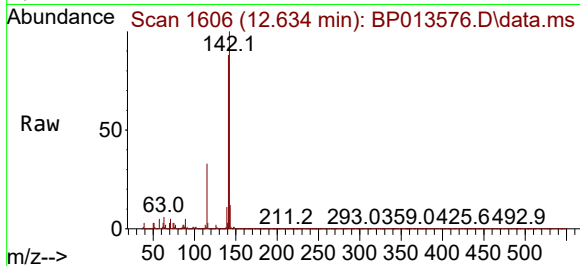




#37
2-Methylnaphthalene
Concen: 41.409 ng
RT: 12.634 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

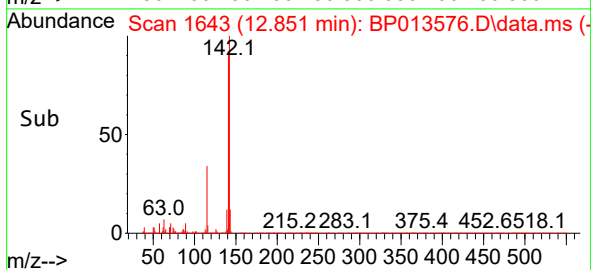
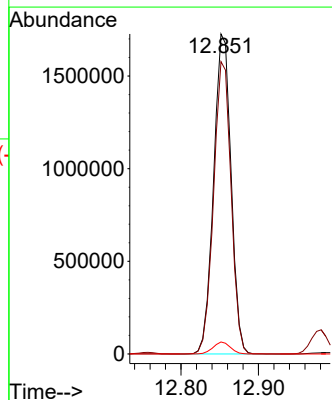
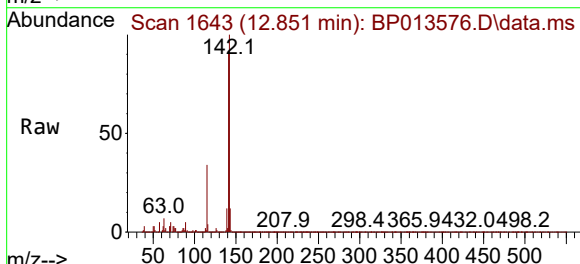
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

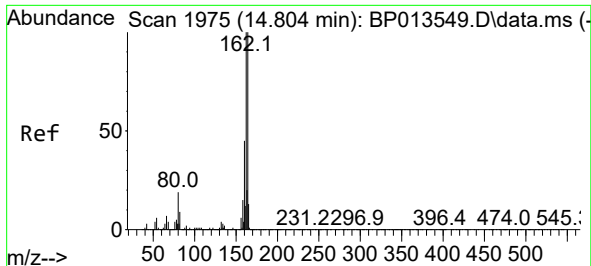
Tgt Ion:142 Resp: 2897884
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.2
115 32.7 27.4 41.2



#38
1-Methylnaphthalene
Concen: 40.973 ng
RT: 12.851 min Scan# 1643
Delta R.T. -0.006 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:142 Resp: 2694368
Ion Ratio Lower Upper
142 100
141 91.4 74.3 111.5
116 3.8 3.0 4.6

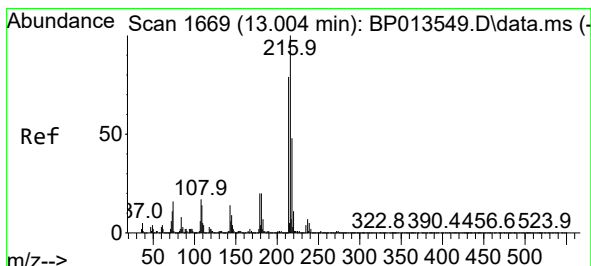
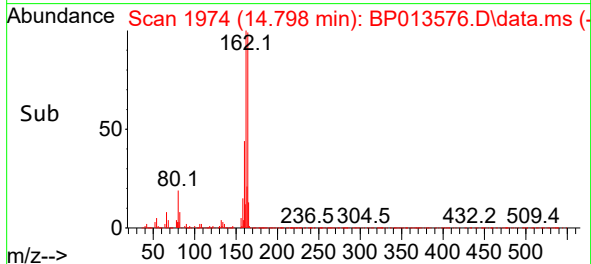
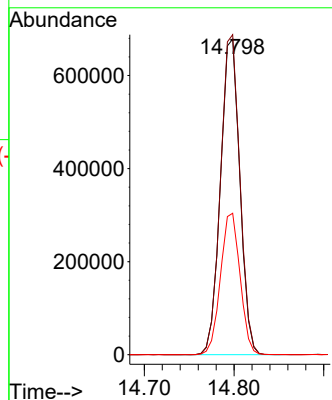
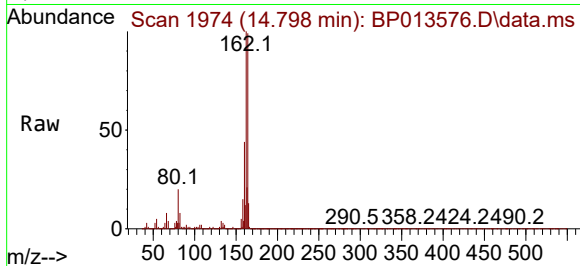




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.798 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

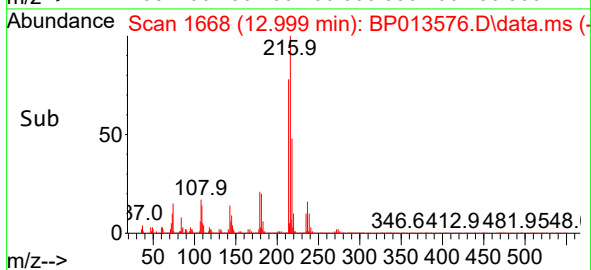
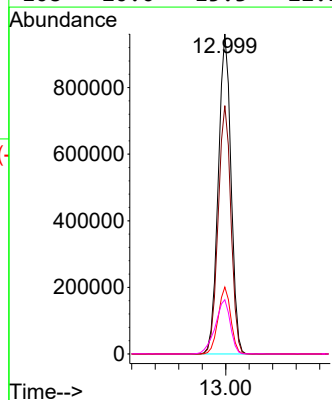
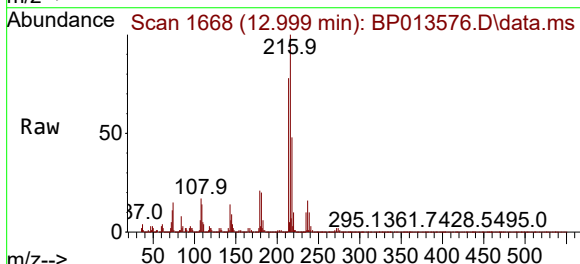
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

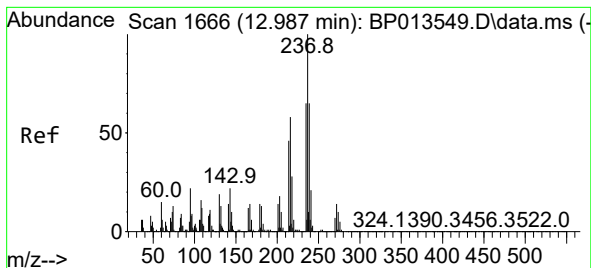
Tgt Ion:164 Resp: 1015753
Ion Ratio Lower Upper
164 100
162 101.4 80.1 120.1
160 44.8 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.124 ng
RT: 12.999 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:216 Resp: 1442407
Ion Ratio Lower Upper
216 100
214 78.0 62.9 94.3
179 20.7 16.6 24.8
108 20.0 15.3 22.9





#41

Hexachlorocyclopentadiene

Concen: 98.290 ng

RT: 12.981 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Instrument :

BNA_P

ClientSampleId :

PE-1DMS

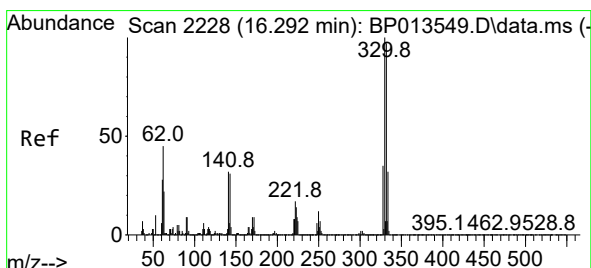
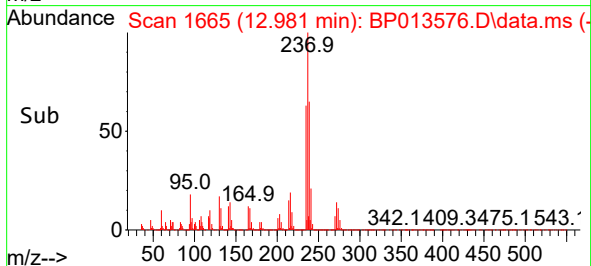
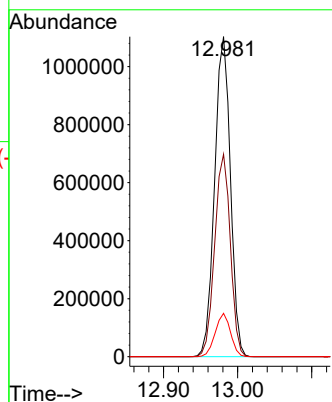
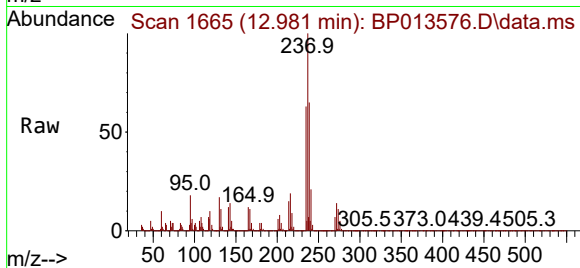
Tgt Ion:237 Resp: 1629081

Ion Ratio Lower Upper

237 100

235 63.3 44.6 84.6

272 13.5 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 121.441 ng

RT: 16.281 min Scan# 2226

Delta R.T. -0.006 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

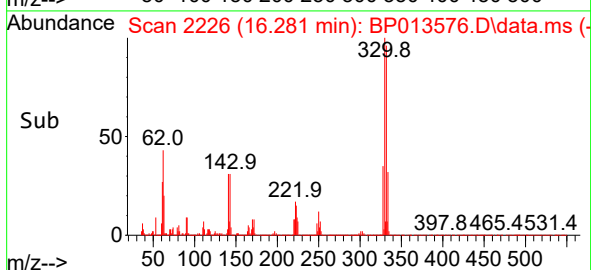
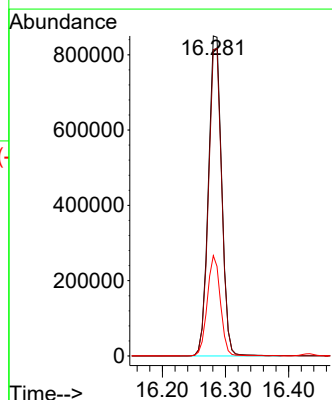
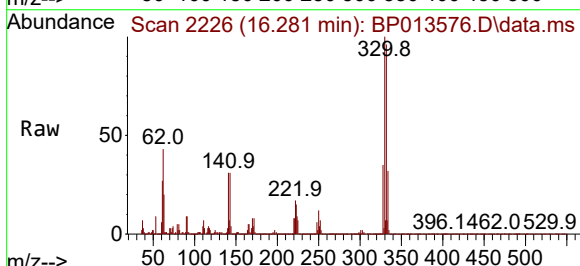
Tgt Ion:330 Resp: 1237291

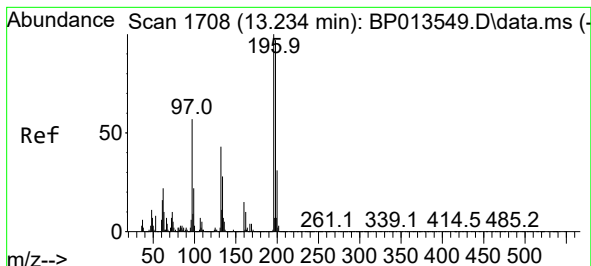
Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

141 31.2 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 52.862 ng

RT: 13.234 min Scan# 1708

Delta R.T. -0.000 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Instrument :

BNA_P

ClientSampleId :

PE-1DMS

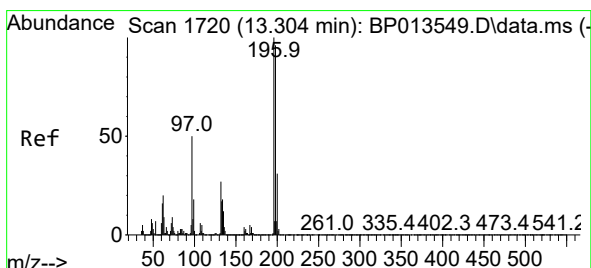
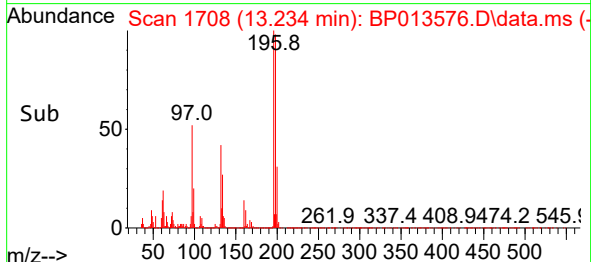
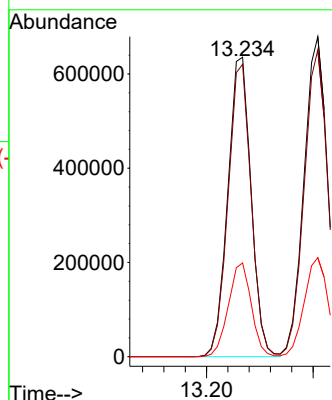
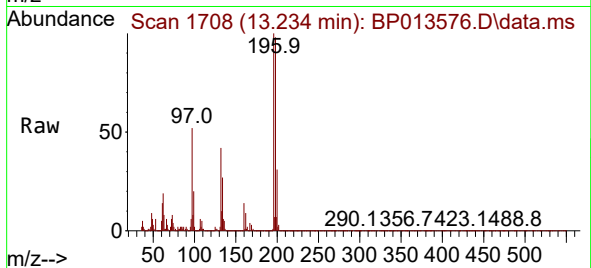
Tgt Ion:196 Resp: 967520

Ion Ratio Lower Upper

196 100

198 97.7 77.3 115.9

200 31.3 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 48.461 ng

RT: 13.304 min Scan# 1720

Delta R.T. 0.006 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Tgt Ion:196 Resp: 1048108

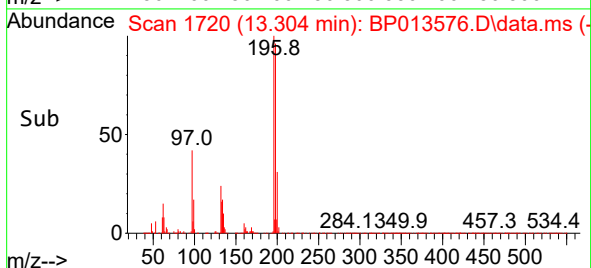
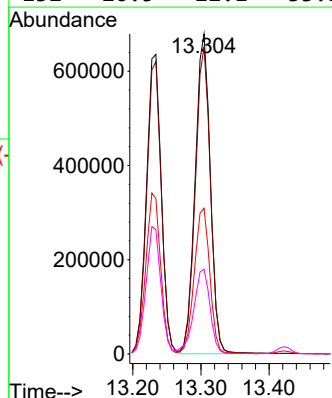
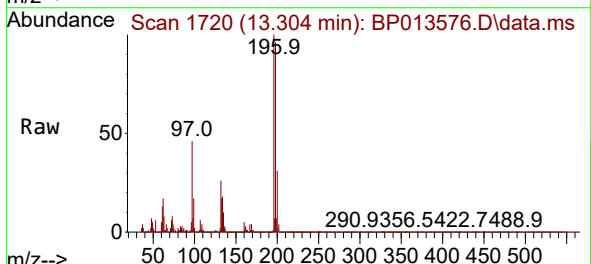
Ion Ratio Lower Upper

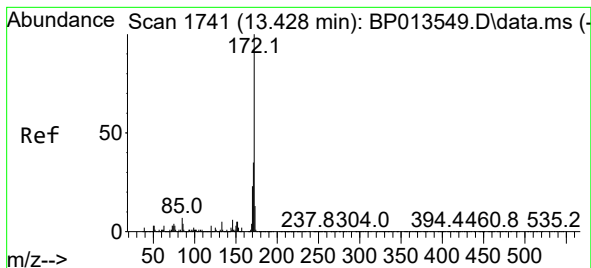
196 100

198 95.8 76.7 115.1

97 45.5 40.0 60.0

132 26.5 22.1 33.1





#45

2-Fluorobiphenyl

Concen: 64.897 ng

RT: 13.422 min Scan# 1741

Delta R.T. -0.006 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Instrument :

BNA_P

ClientSampleId :

PE-1DMS

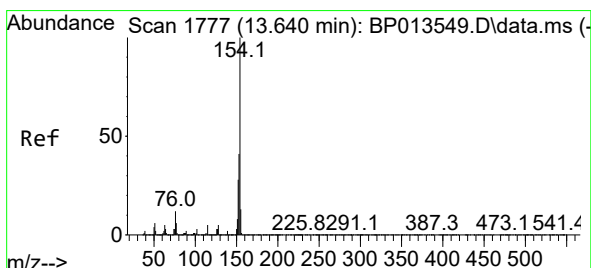
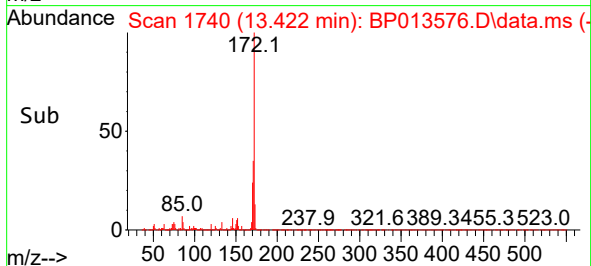
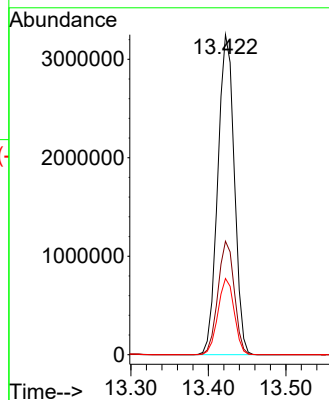
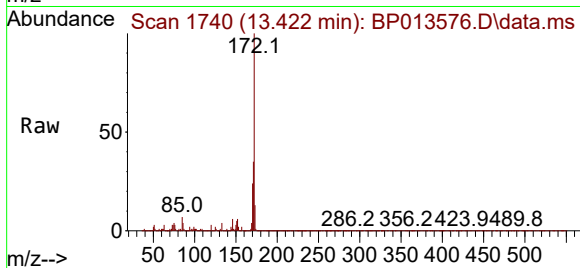
Tgt Ion:172 Resp: 4802304

Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.8

170 23.8 18.6 27.8



#46

1,1'-Biphenyl

Concen: 45.132 ng

RT: 13.634 min Scan# 1776

Delta R.T. -0.000 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

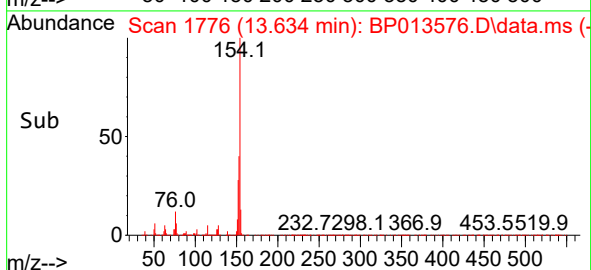
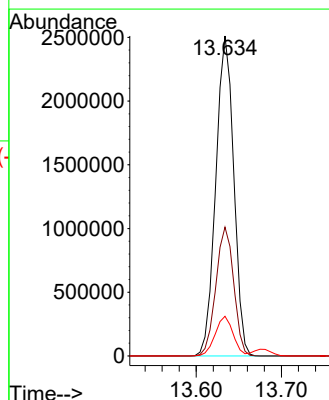
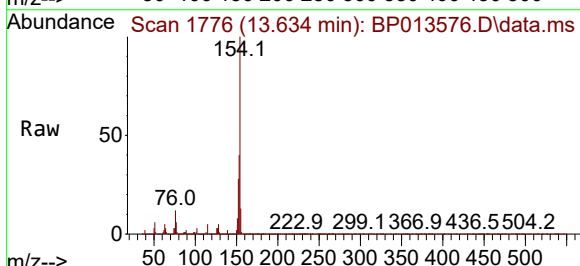
Tgt Ion:154 Resp: 3681650

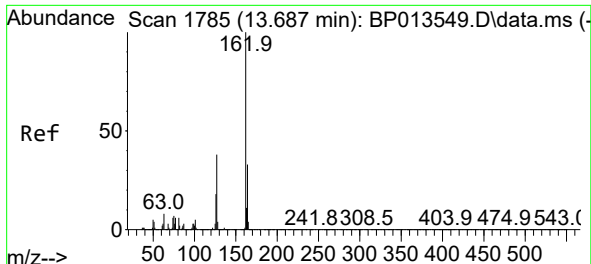
Ion Ratio Lower Upper

154 100

153 40.2 20.5 60.5

76 12.4 0.0 32.1

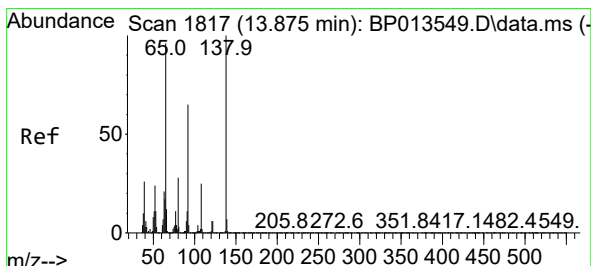
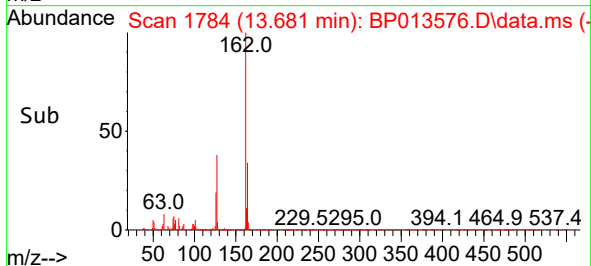
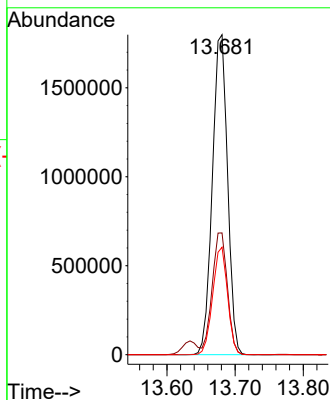
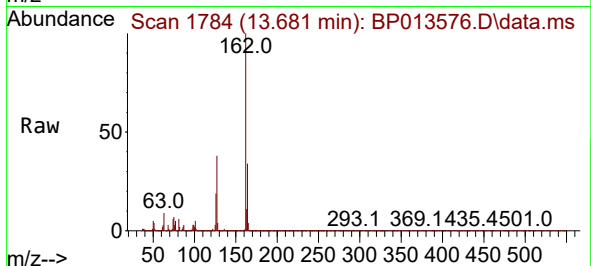




#47
2-Chloronaphthalene
Concen: 45.680 ng
RT: 13.681 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

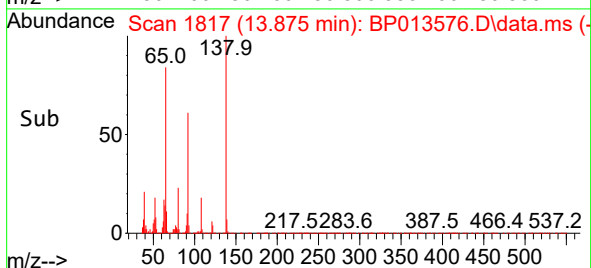
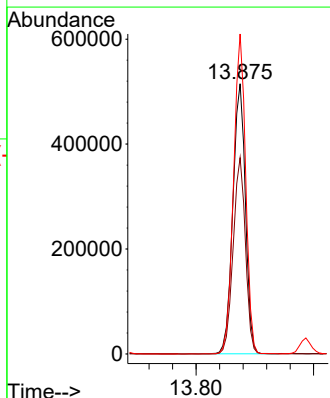
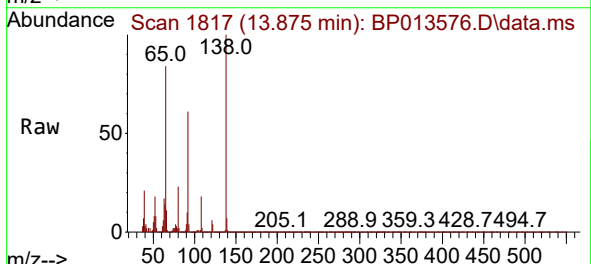
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

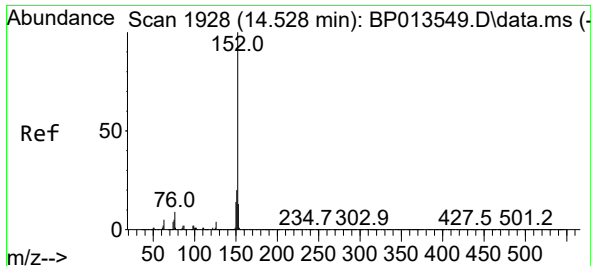
Tgt Ion:162 Resp: 2791697
Ion Ratio Lower Upper
162 100
127 38.0 30.8 46.2
164 33.6 26.2 39.2



#48
2-Nitroaniline
Concen: 49.828 ng
RT: 13.875 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion: 65 Resp: 765676
Ion Ratio Lower Upper
65 100
92 72.7 54.1 81.1
138 118.4 83.6 125.4

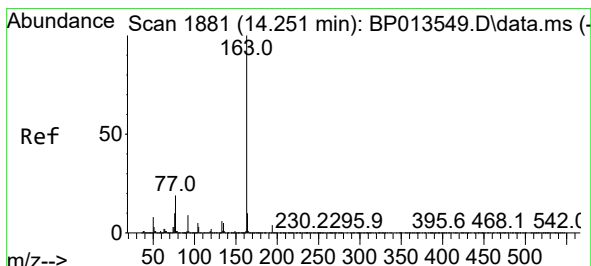
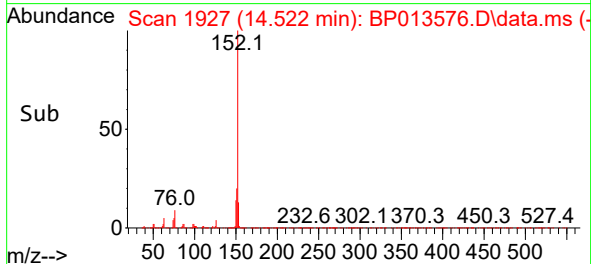
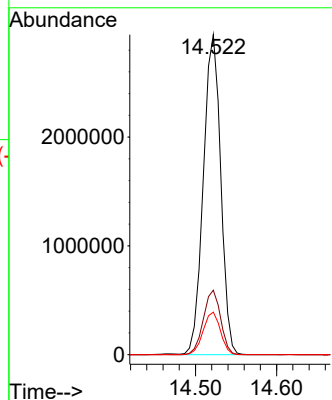
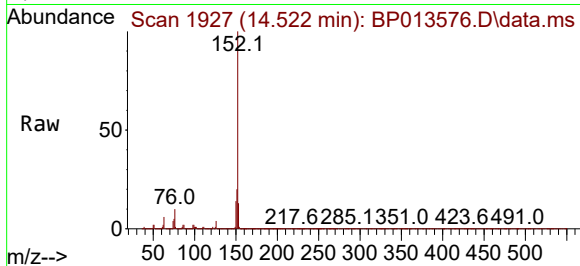




#49
Acenaphthylene
Concen: 43.670 ng
RT: 14.522 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

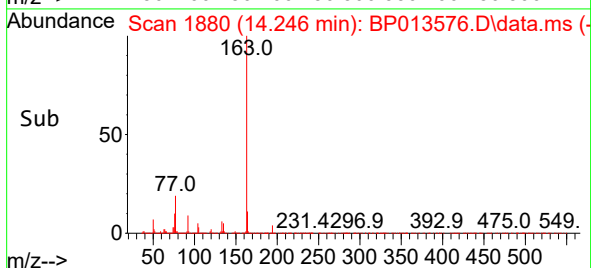
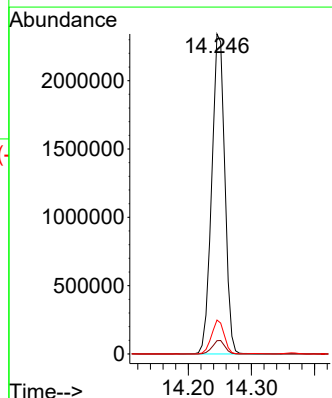
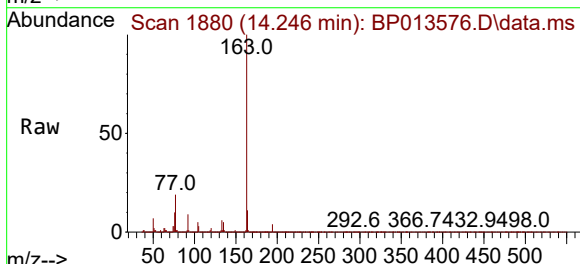
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

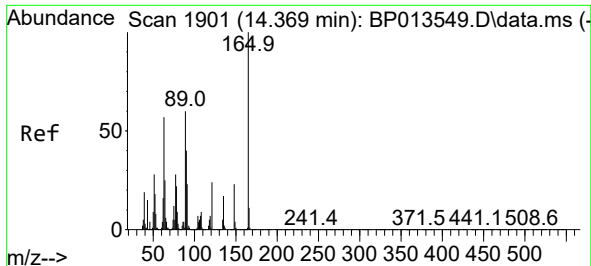
Tgt Ion:152 Resp: 4364577
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.3 10.1 15.1



#50
Dimethylphthalate
Concen: 44.512 ng
RT: 14.246 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:163 Resp: 3360908
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.6 8.1 12.1

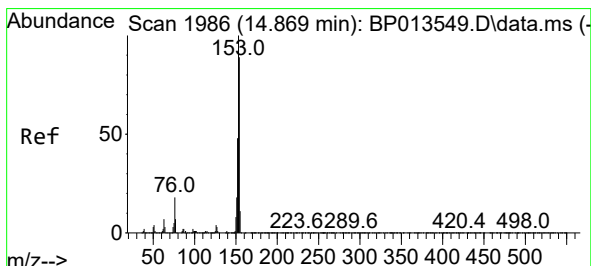
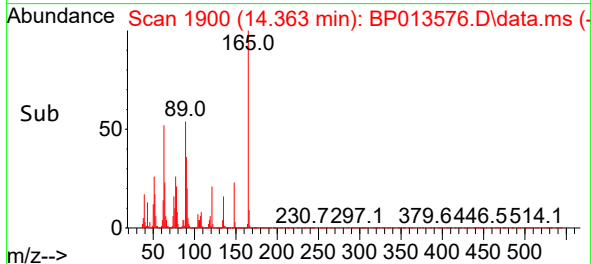
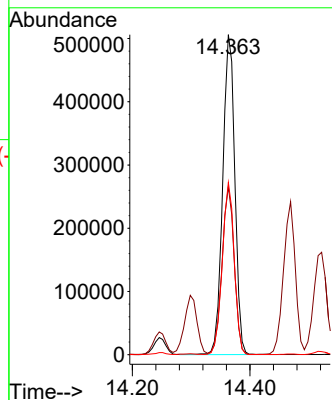
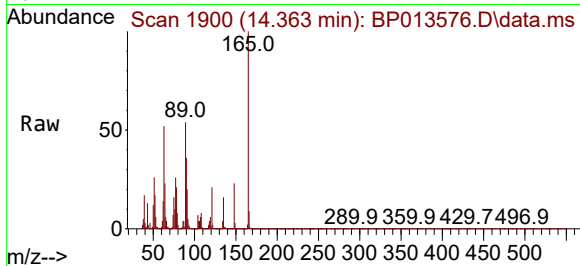




#51
2,6-Dinitrotoluene
Concen: 48.931 ng
RT: 14.363 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

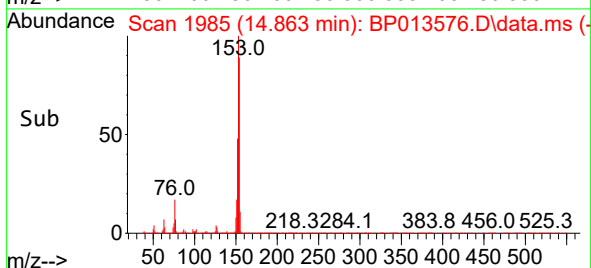
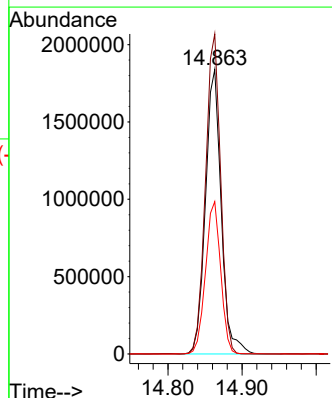
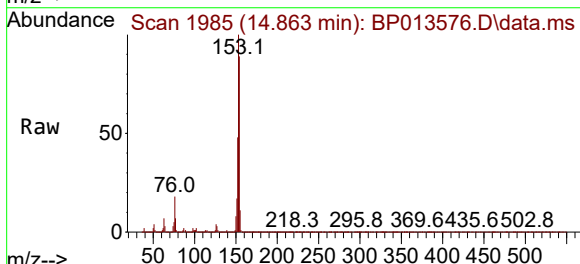
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

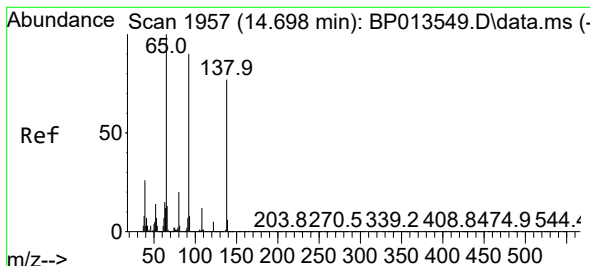
Tgt Ion:165 Resp: 723538
Ion Ratio Lower Upper
165 100
63 52.5 47.2 70.8
89 53.8 47.8 71.6



#52
Acenaphthene
Concen: 43.935 ng
RT: 14.863 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:154 Resp: 2712468
Ion Ratio Lower Upper
154 100
153 112.5 89.4 134.0
152 53.5 42.7 64.1

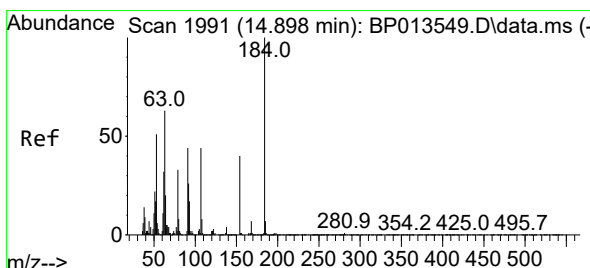
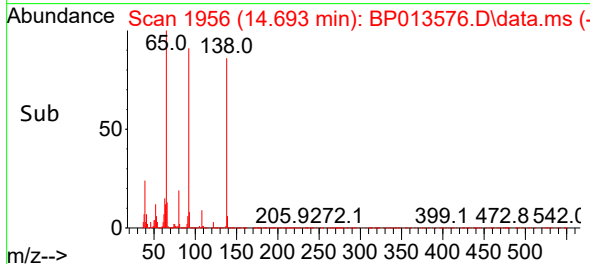
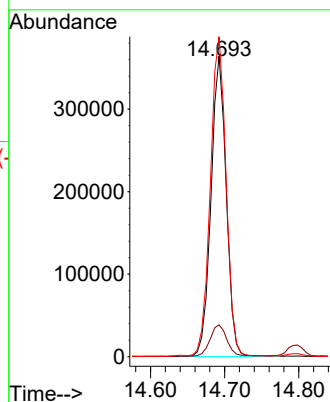
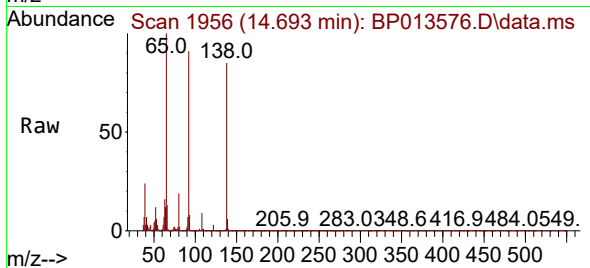




#53
3-Nitroaniline
Concen: 32.630 ng
RT: 14.693 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

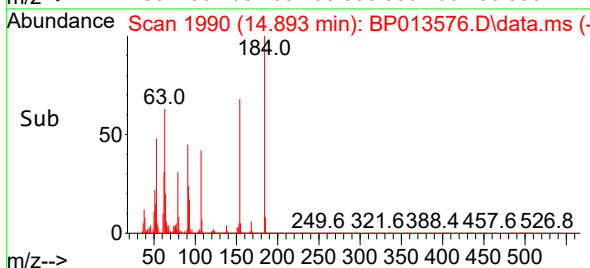
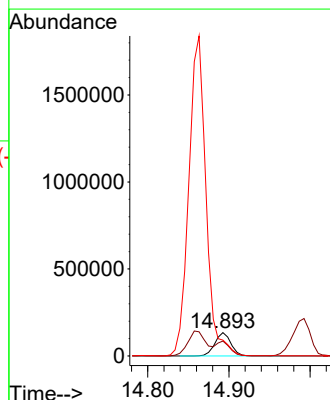
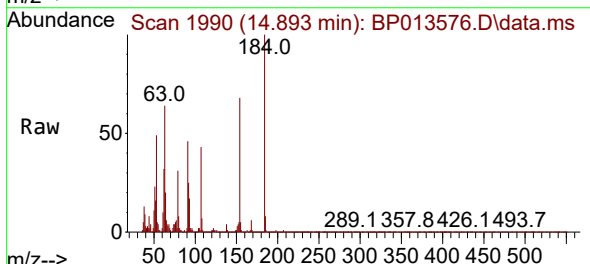
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

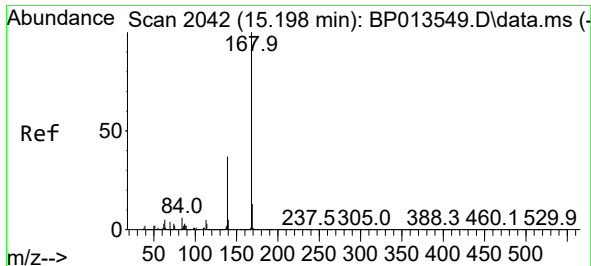
Tgt Ion:138 Resp: 517812
Ion Ratio Lower Upper
138 100
108 10.6 12.8 19.2#
92 106.5 93.3 139.9



#54
2,4-Dinitrophenol
Concen: 48.089 ng
RT: 14.893 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:184 Resp: 183442
Ion Ratio Lower Upper
184 100
63 63.8 53.2 79.8
154 67.8 54.4 81.6

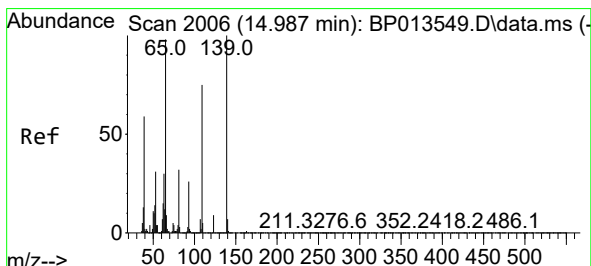
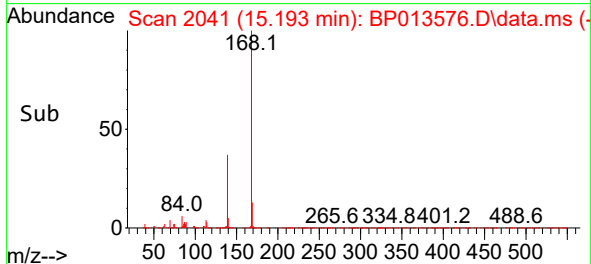
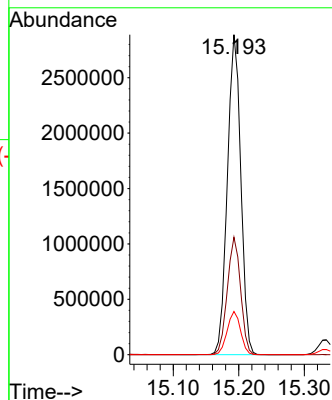
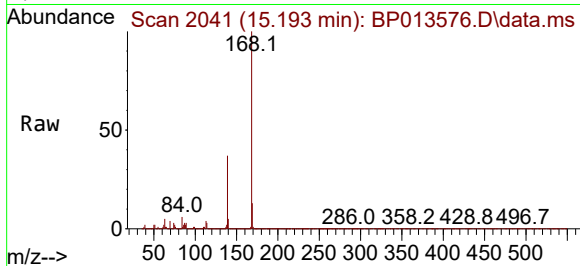




#55
Dibenzenofuran
Concen: 43.226 ng
RT: 15.193 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

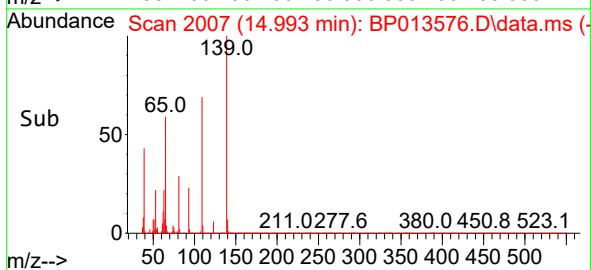
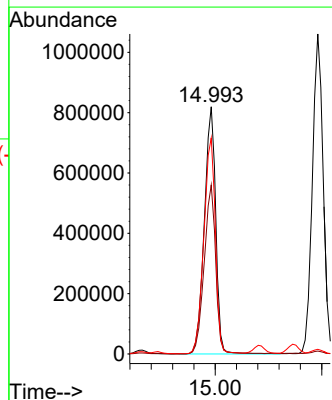
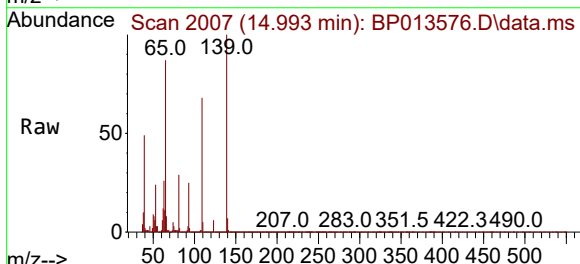
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

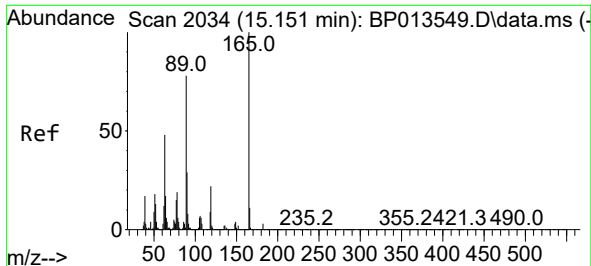
Tgt Ion:168 Resp: 4092189
Ion Ratio Lower Upper
168 100
139 36.7 29.9 44.9
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 94.161 ng
RT: 14.993 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:139 Resp: 1216835
Ion Ratio Lower Upper
139 100
109 68.3 55.0 95.0
65 87.4 77.7 117.7

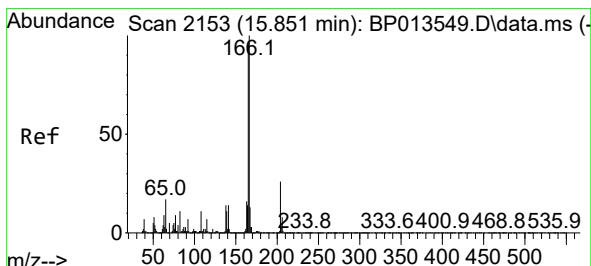
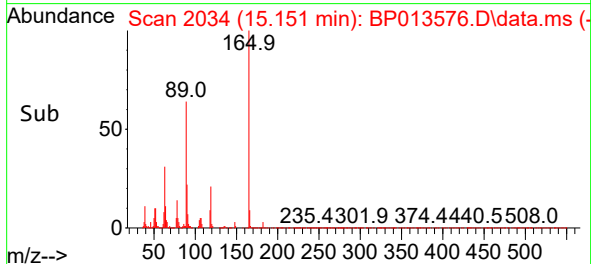
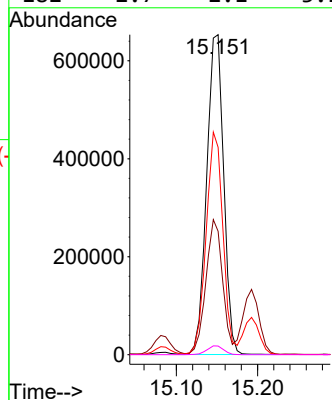
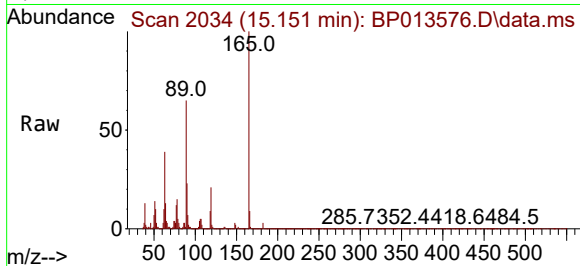




#57
2,4-Dinitrotoluene
Concen: 53.494 ng
RT: 15.151 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

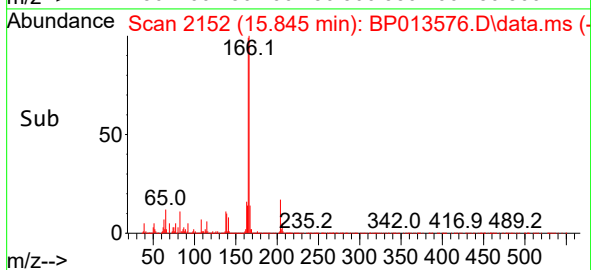
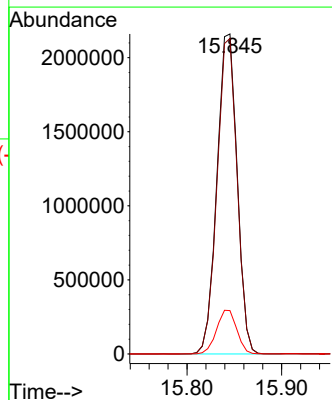
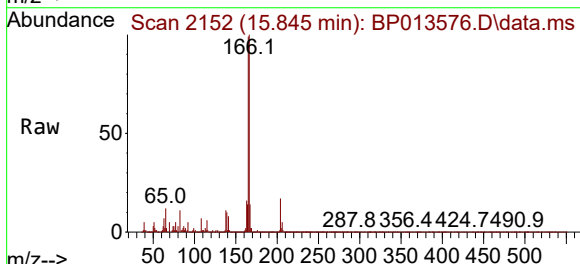
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

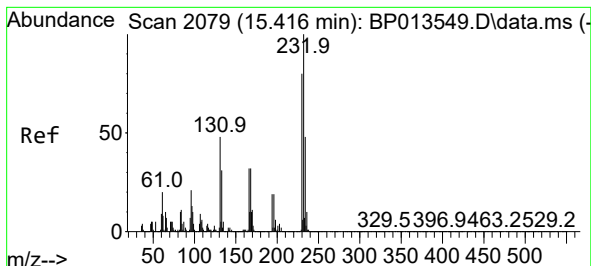
Tgt Ion:165 Resp: 947899
Ion Ratio Lower Upper
165 100
63 38.6 38.3 57.5
89 64.8 62.1 93.1
182 2.7 2.1 3.1



#58
Fluorene
Concen: 42.583 ng
RT: 15.845 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:166 Resp: 3204142
Ion Ratio Lower Upper
166 100
165 98.6 77.8 116.8
167 13.5 10.7 16.1

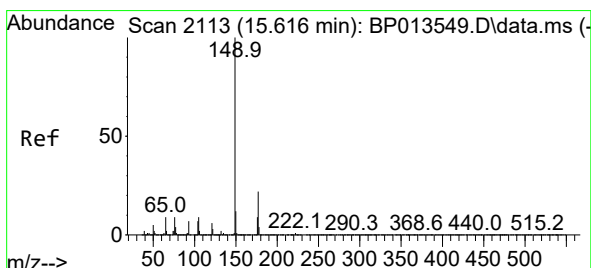
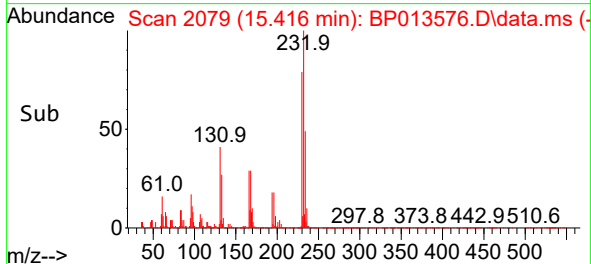
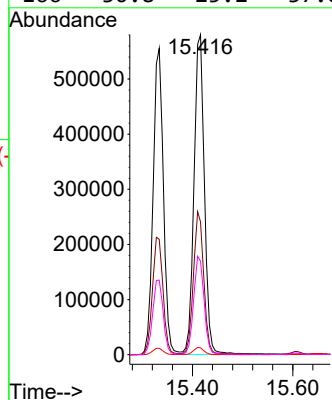
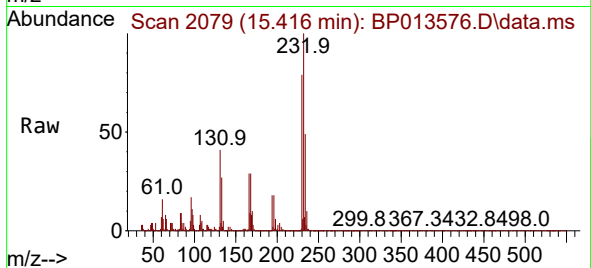




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.287 ng
RT: 15.416 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

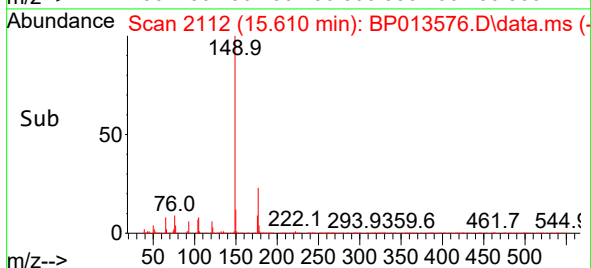
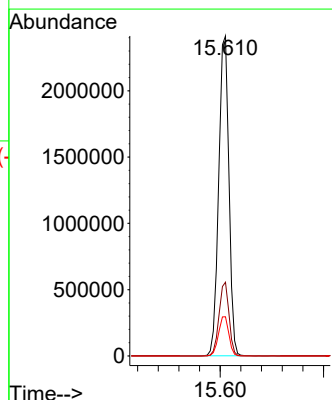
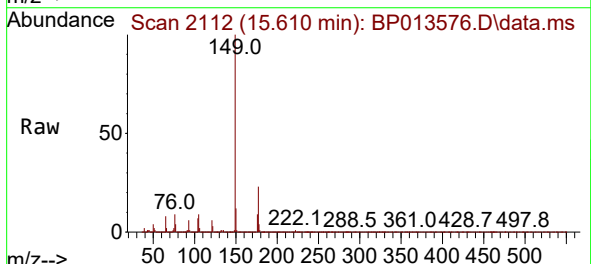
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

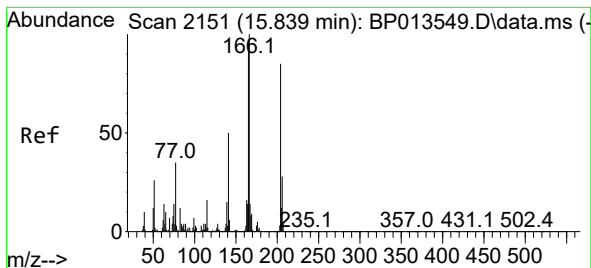
Tgt Ion:232 Resp: 835115
Ion Ratio Lower Upper
232 100
131 44.4 37.1 55.7
130 2.3 1.9 2.9
166 30.8 25.2 37.8



#60
Diethylphthalate
Concen: 44.841 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:149 Resp: 3306881
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.6
150 12.3 9.8 14.6

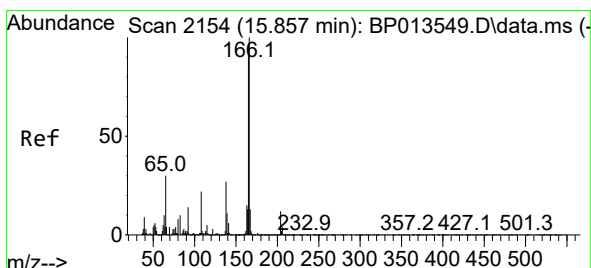
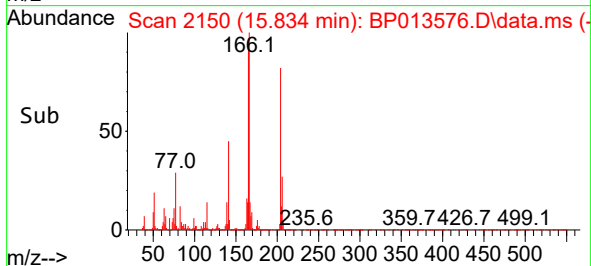
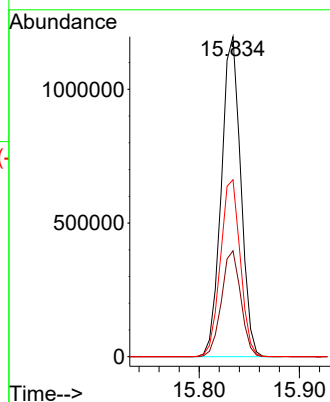
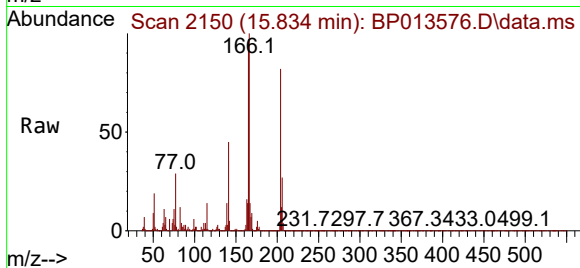




#61
4-Chlorophenyl-phenylether
Concen: 43.423 ng
RT: 15.834 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

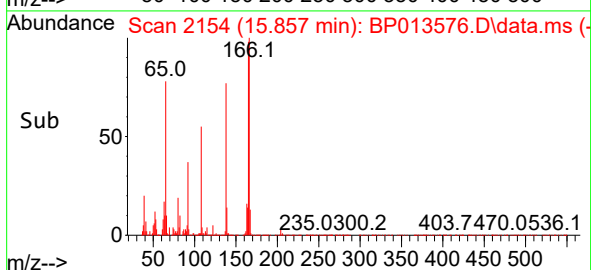
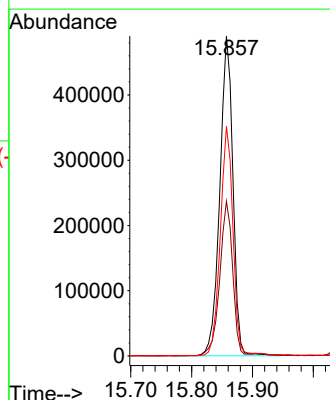
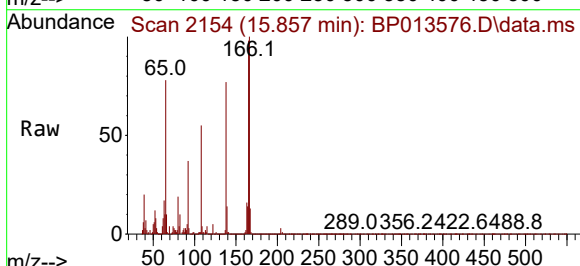
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

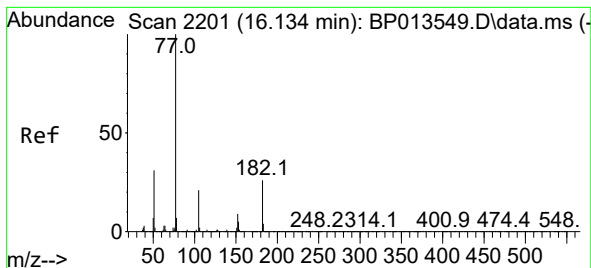
Tgt Ion:204 Resp: 1606601
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 55.3 47.0 70.4



#62
4-Nitroaniline
Concen: 45.640 ng
RT: 15.857 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:138 Resp: 733327
Ion Ratio Lower Upper
138 100
92 48.4 32.3 72.3
108 71.7 59.2 99.2





#63

Azobenzene

Concen: 43.113 ng

RT: 16.128 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Instrument :

BNA_P

ClientSampleId :

PE-1DMS

Tgt Ion: 77 Resp: 3089465

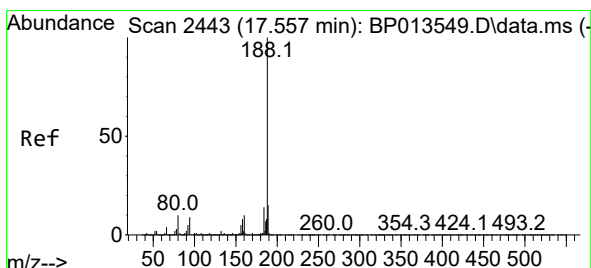
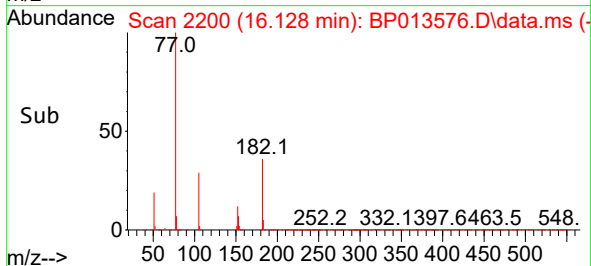
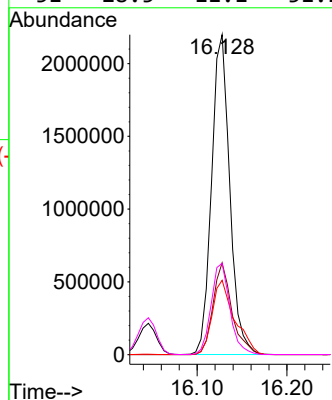
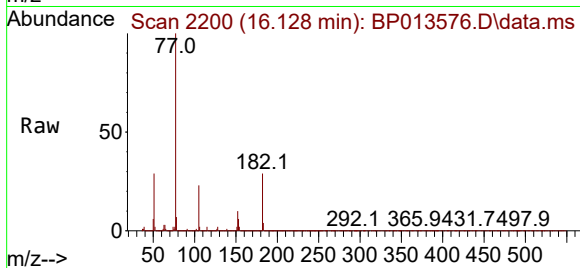
Ion Ratio Lower Upper

77 100

182 28.7 5.5 45.5

105 23.2 1.4 41.4

51 28.5 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.545 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

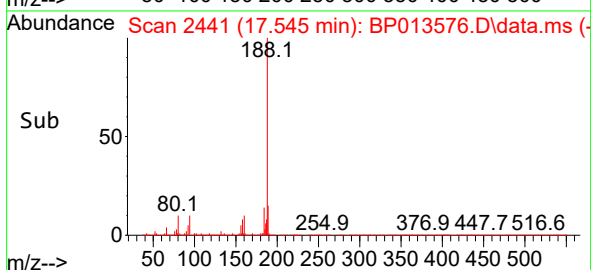
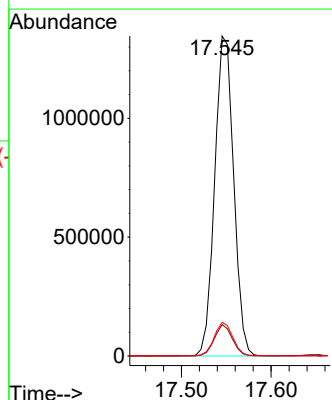
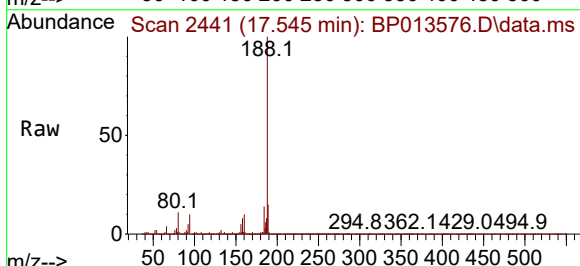
Tgt Ion:188 Resp: 1974182

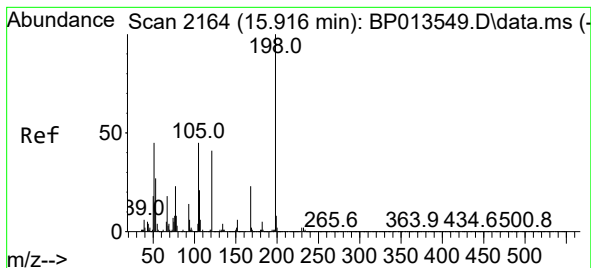
Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

80 10.5 8.2 12.2

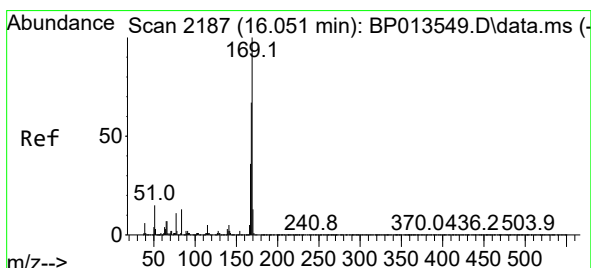
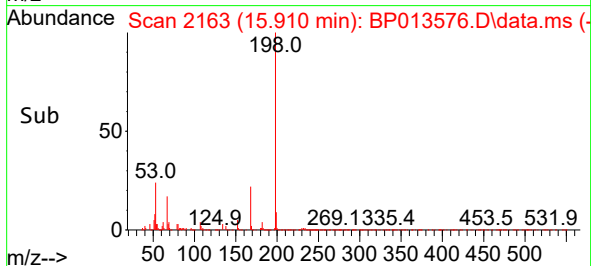
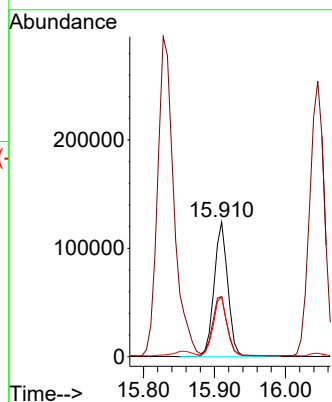
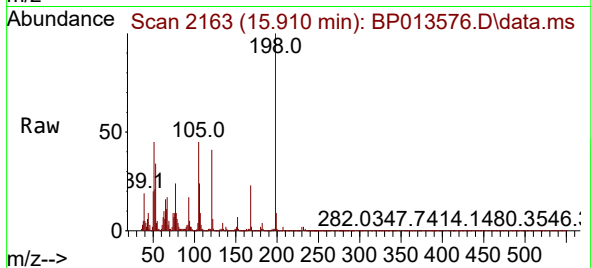




#65
4,6-Dinitro-2-methylphenol
Concen: 33.646 ng
RT: 15.910 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

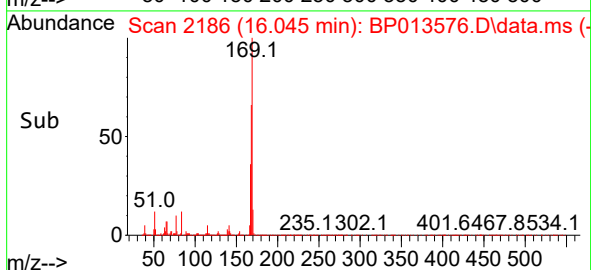
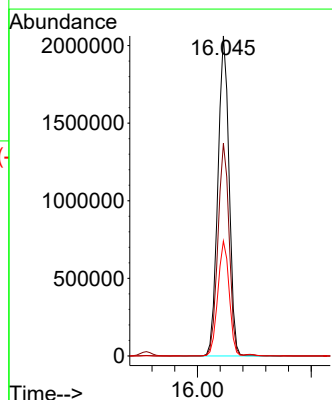
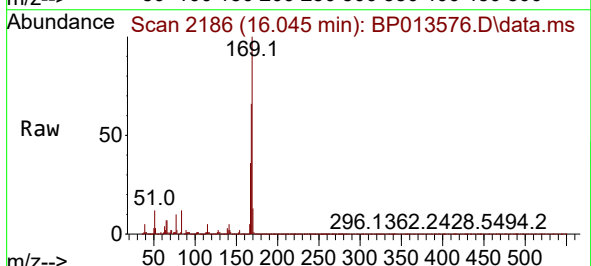
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

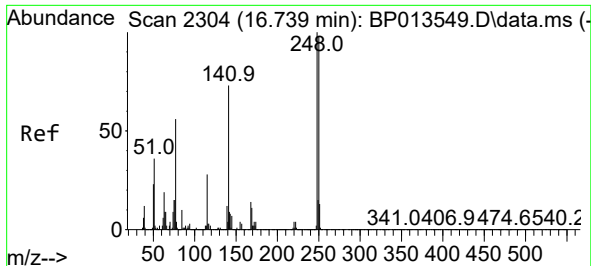
Tgt Ion:198 Resp: 165022
Ion Ratio Lower Upper
198 100
51 44.7 30.4 70.4
105 44.6 26.4 66.4



#66
n-Nitrosodiphenylamine
Concen: 43.604 ng
RT: 16.045 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:169 Resp: 2807243
Ion Ratio Lower Upper
169 100
168 66.5 54.0 81.0
167 35.9 29.0 43.6

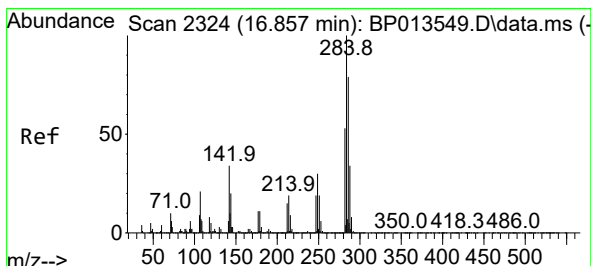
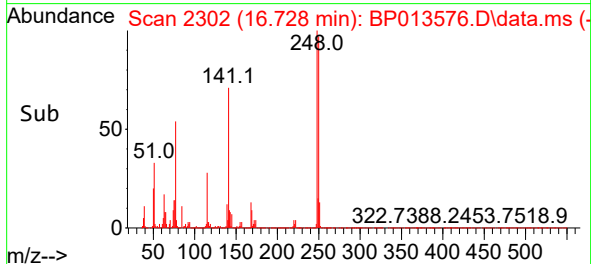
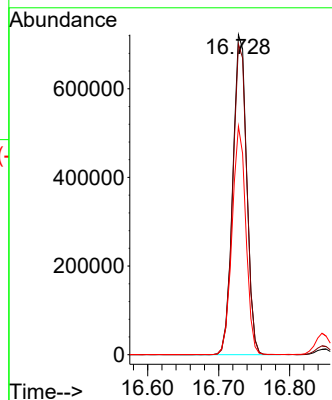
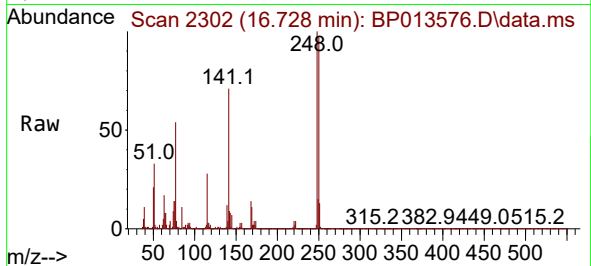




#67
4-Bromophenyl-phenylether
Concen: 45.075 ng
RT: 16.728 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

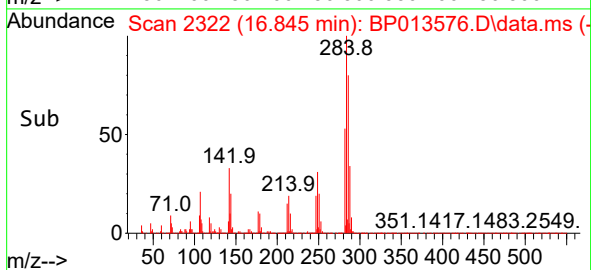
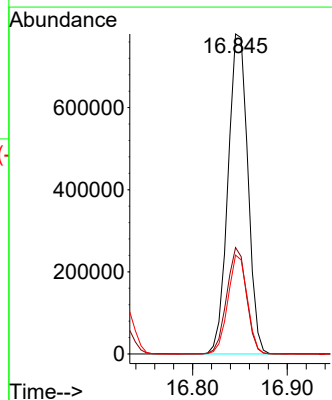
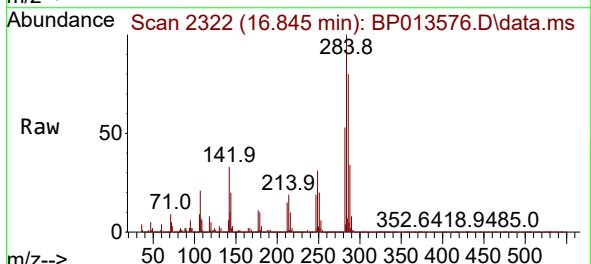
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

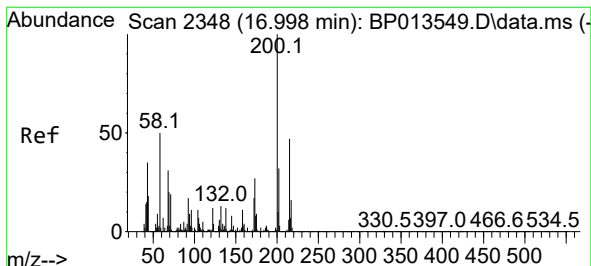
Tgt Ion:248 Resp: 985694
Ion Ratio Lower Upper
248 100
250 97.0 78.1 117.1
141 71.4 58.1 87.1



#68
Hexachlorobenzene
Concen: 47.881 ng
RT: 16.845 min Scan# 2322
Delta R.T. -0.006 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:284 Resp: 1131001
Ion Ratio Lower Upper
284 100
142 33.2 27.3 40.9
249 30.9 24.0 36.0





#69

Atrazine

Concen: 50.340 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Instrument :

BNA_P

ClientSampleId :

PE-1DMS

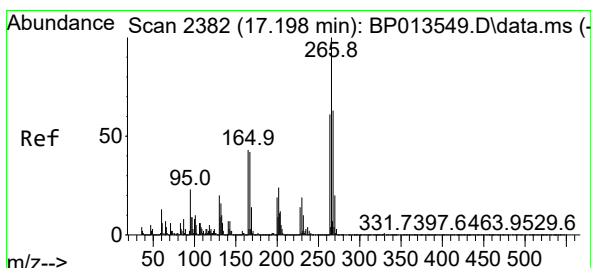
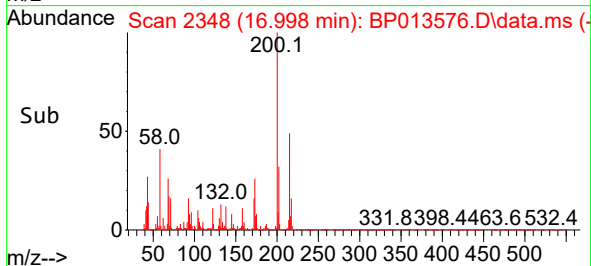
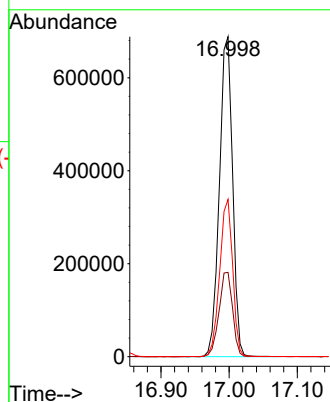
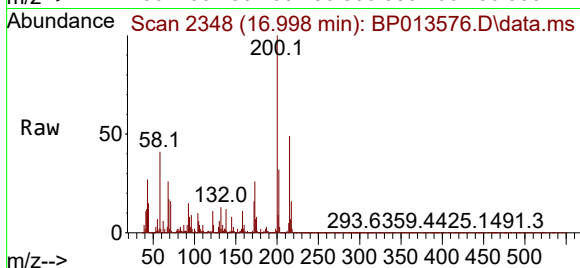
Tgt Ion:200 Resp: 927298

Ion Ratio Lower Upper

200 100

173 26.4 7.2 47.2

215 49.1 27.3 67.3



#70

Pentachlorophenol

Concen: 69.586 ng

RT: 17.192 min Scan# 2381

Delta R.T. -0.000 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

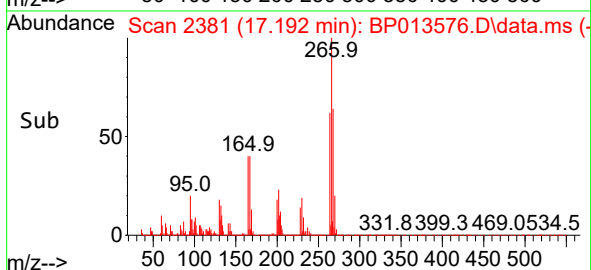
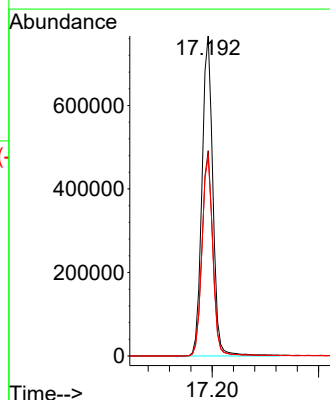
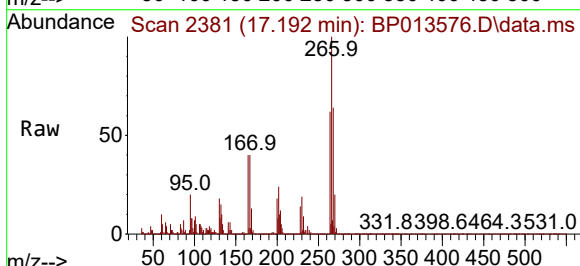
Tgt Ion:266 Resp: 1085322

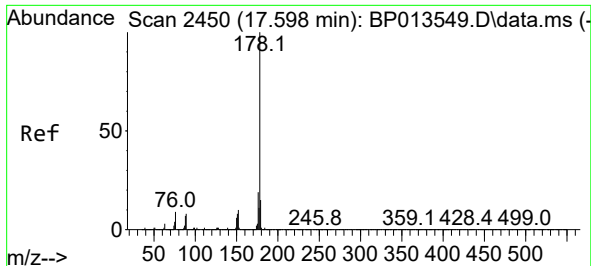
Ion Ratio Lower Upper

266 100

268 64.2 50.7 76.1

264 62.2 48.9 73.3

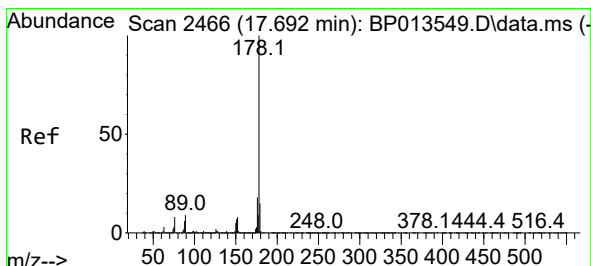
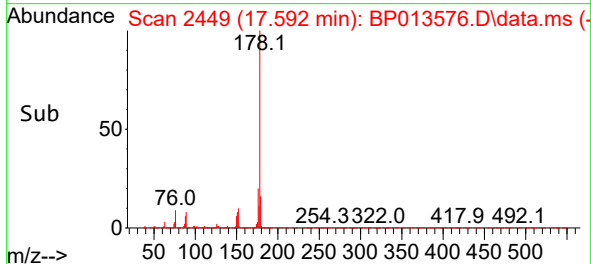
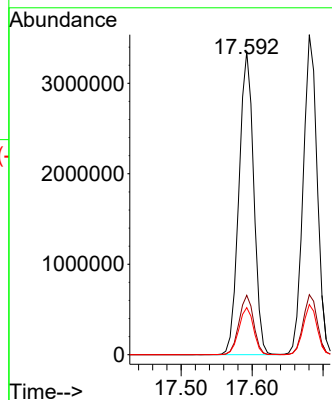
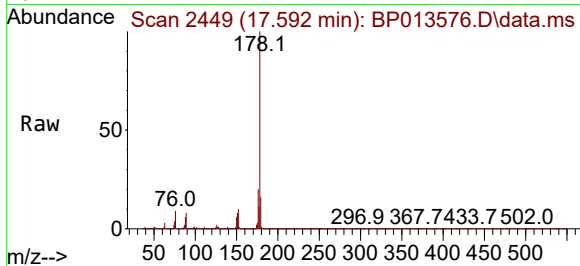




#71
Phenanthrene
Concen: 44.067 ng
RT: 17.592 min Scan# 2450
Delta R.T. -0.000 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

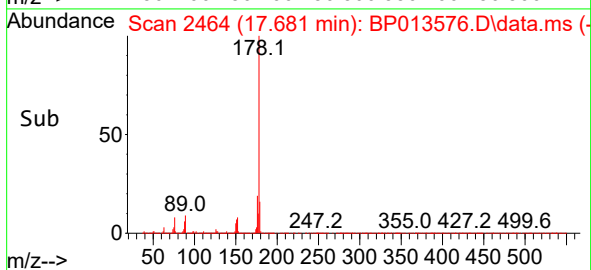
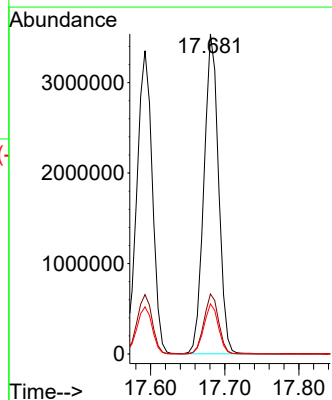
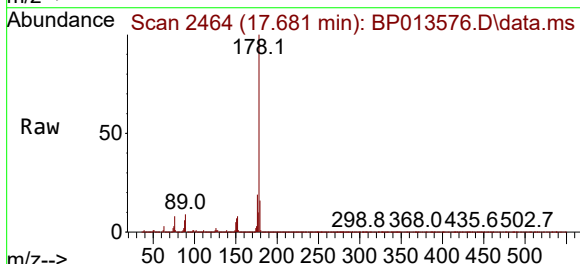
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

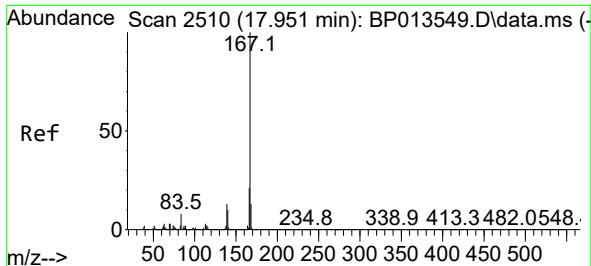
Tgt Ion:178 Resp: 4840304
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.5 12.2 18.4



#72
Anthracene
Concen: 43.329 ng
RT: 17.681 min Scan# 2464
Delta R.T. -0.006 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:178 Resp: 4830425
Ion Ratio Lower Upper
178 100
176 18.7 14.6 22.0
179 15.6 12.3 18.5

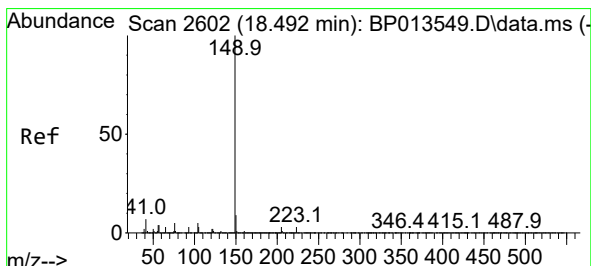
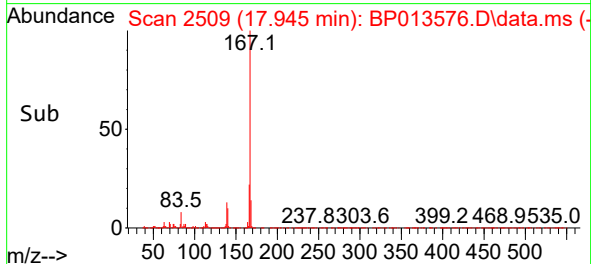
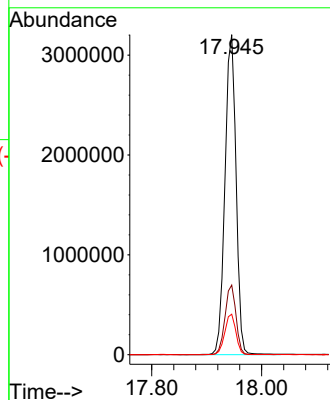
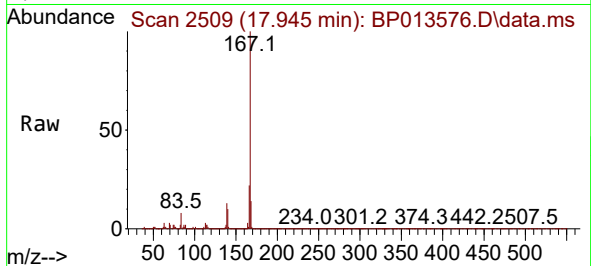




#73
 Carbazole
 Concen: 44.662 ng
 RT: 17.945 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP013576.D
 Acq: 24 Jan 2023 18:11

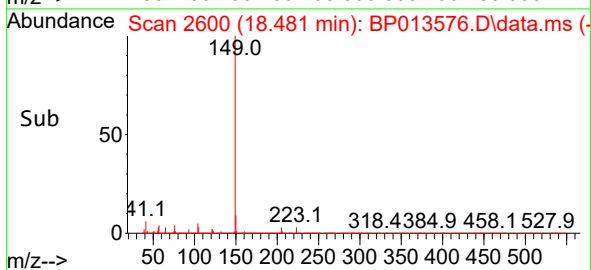
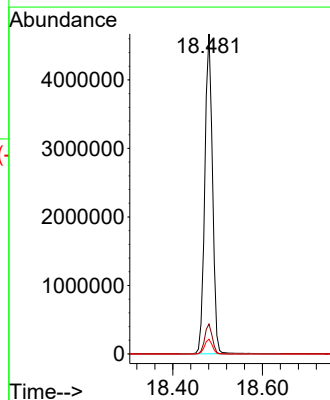
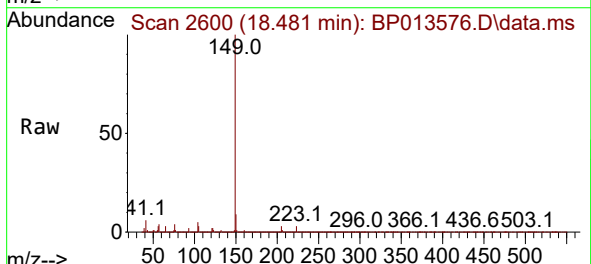
Instrument :
 BNA_P
 ClientSampleId :
 PE-1DMS

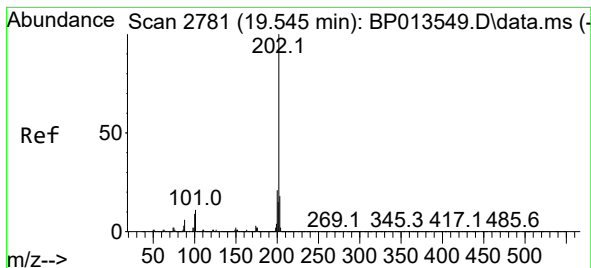
Tgt Ion:167 Resp: 4474516
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.7 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 49.774 ng
 RT: 18.481 min Scan# 2600
 Delta R.T. -0.006 min
 Lab File: BP013576.D
 Acq: 24 Jan 2023 18:11

Tgt Ion:149 Resp: 5550010
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.6 3.9 5.9





#75

Fluoranthene

Concen: 43.588 ng

RT: 19.539 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Instrument :

BNA_P

ClientSampleId :

PE-1DMS

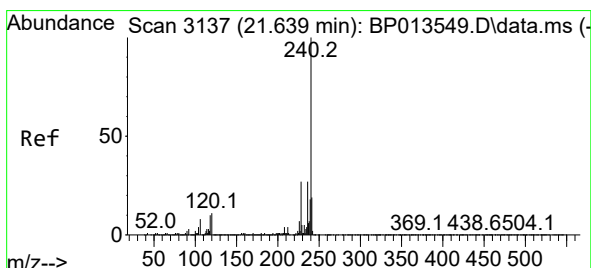
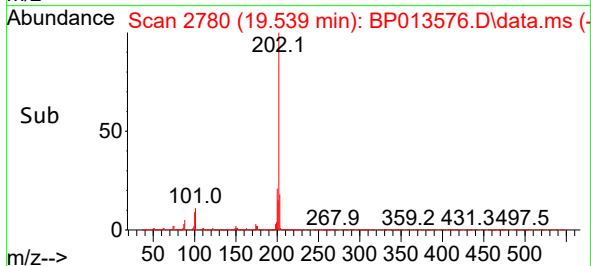
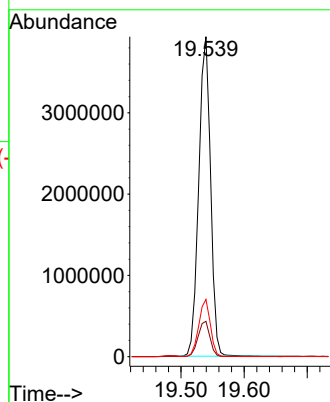
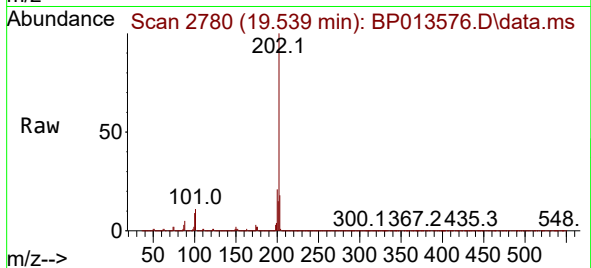
Tgt Ion:202 Resp: 5091463

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.4

203 17.9 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3135

Delta R.T. -0.000 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

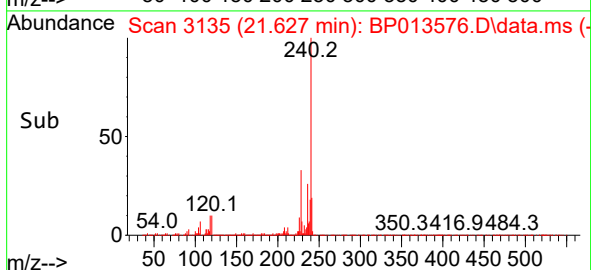
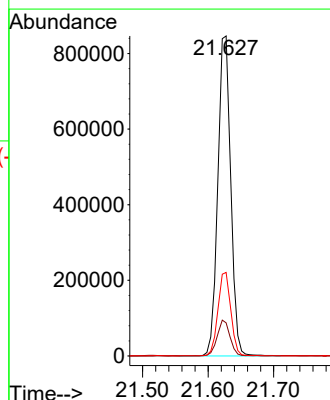
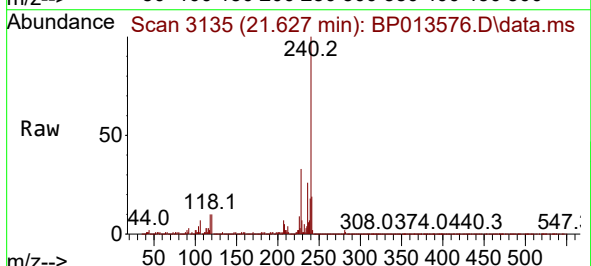
Tgt Ion:240 Resp: 1152069

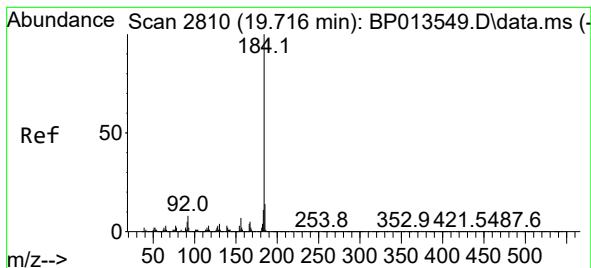
Ion Ratio Lower Upper

240 100

120 10.4 8.6 13.0

236 26.1 21.3 31.9





#77

Benzidine

Concen: 36.164 ng

RT: 19.704 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Instrument :

BNA_P

ClientSampleId :

PE-1DMS

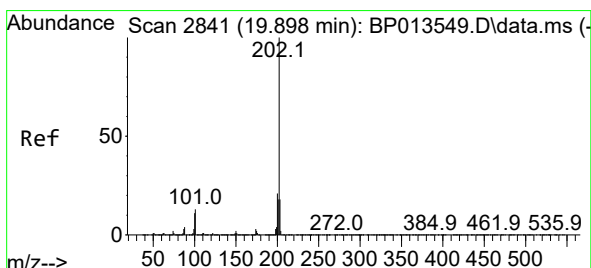
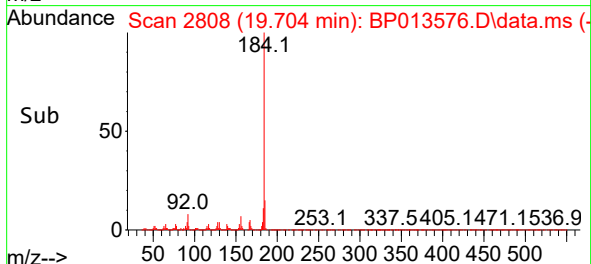
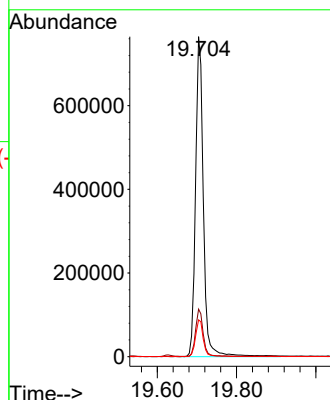
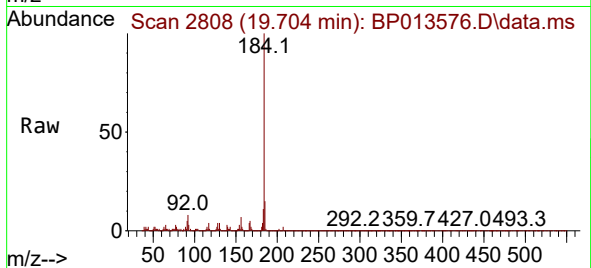
Tgt Ion:184 Resp: 1047863

Ion Ratio Lower Upper

184 100

185 14.8 11.5 17.3

183 11.5 9.0 13.6



#78

Pyrene

Concen: 58.777 ng

RT: 19.886 min Scan# 2839

Delta R.T. -0.006 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

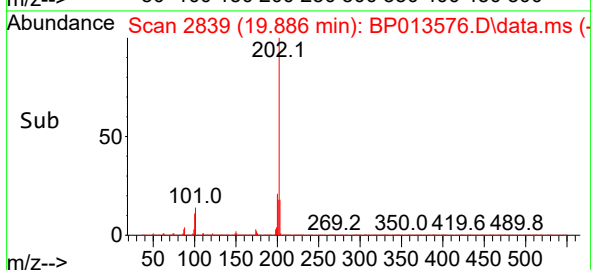
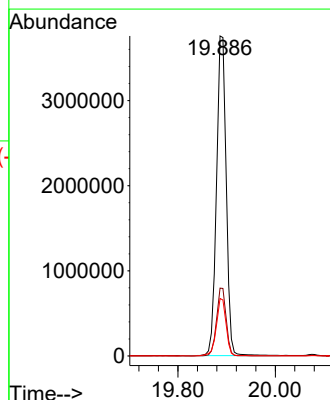
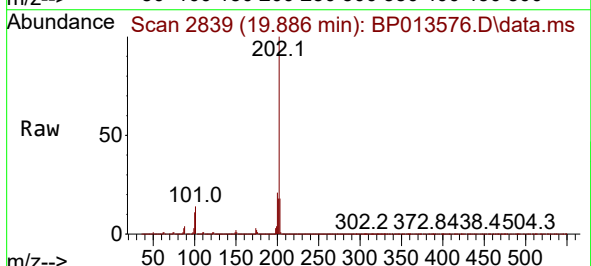
Tgt Ion:202 Resp: 5177743

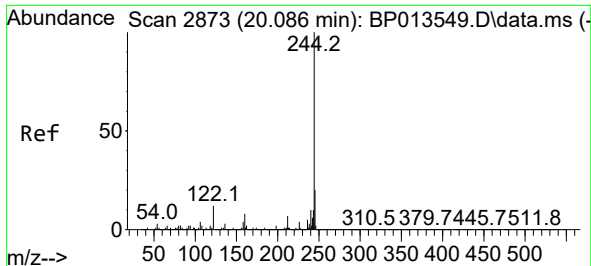
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 17.9 14.2 21.2

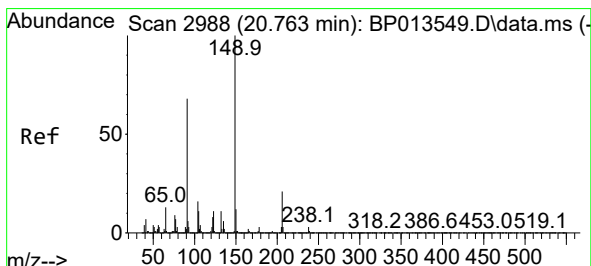
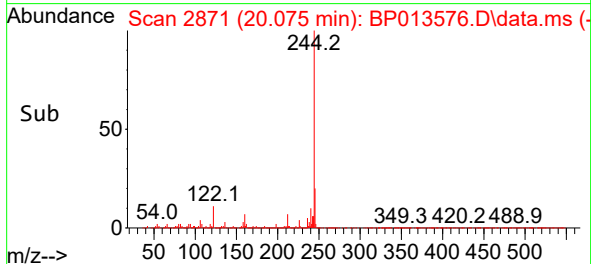
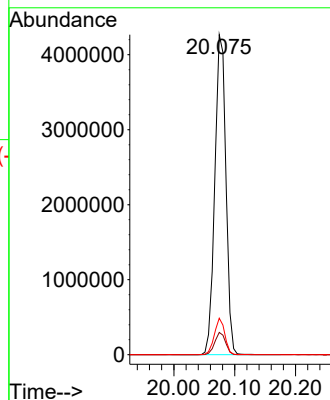
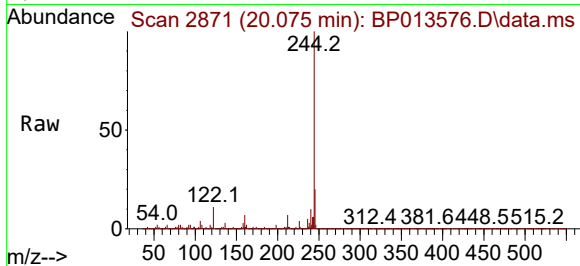




#79
 Terphenyl-d14
 Concen: 84.322 ng
 RT: 20.075 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP013576.D
 Acq: 24 Jan 2023 18:11

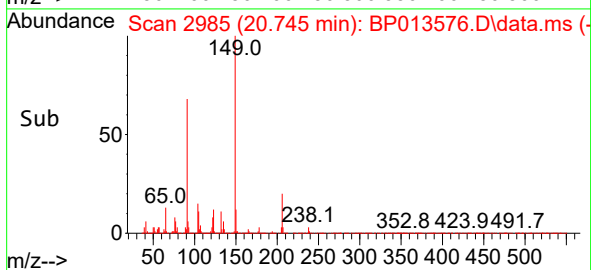
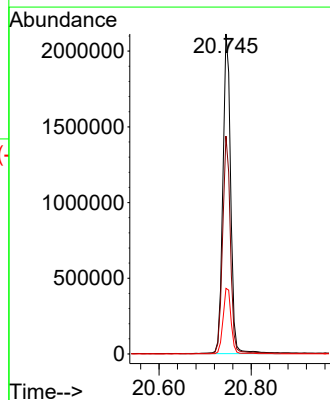
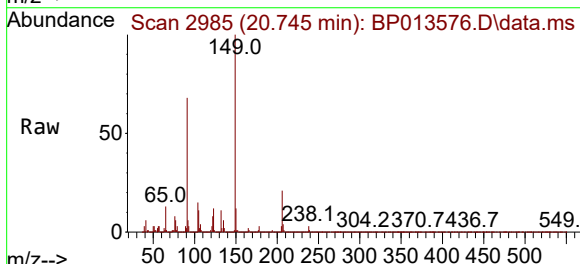
Instrument :
 BNA_P
 ClientSampleId :
 PE-1DMS

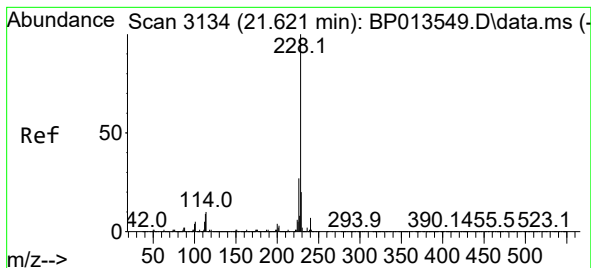
Tgt Ion:244 Resp: 5399961
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.4 9.2 13.8



#80
 Butylbenzylphthalate
 Concen: 88.316 ng
 RT: 20.745 min Scan# 2985
 Delta R.T. -0.006 min
 Lab File: BP013576.D
 Acq: 24 Jan 2023 18:11

Tgt Ion:149 Resp: 2477012
 Ion Ratio Lower Upper
 149 100
 91 68.1 54.6 81.8
 206 20.5 16.7 25.1





#81

Benzo(a)anthracene

Concen: 53.814 ng

RT: 21.610 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Instrument :

BNA_P

ClientSampleId :

PE-1DMS

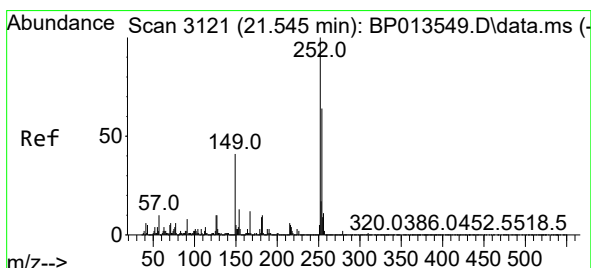
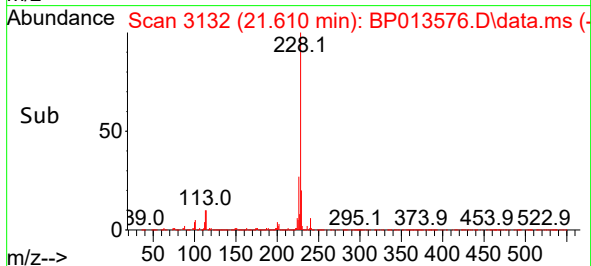
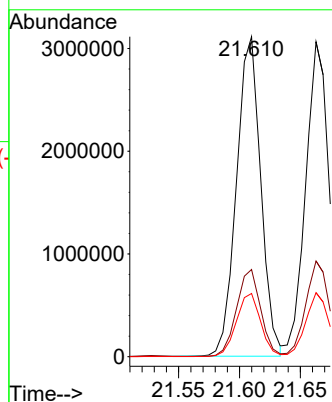
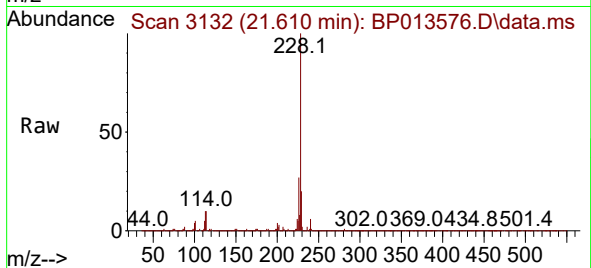
Tgt Ion:228 Resp: 4319096

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 27.735 ng

RT: 21.528 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

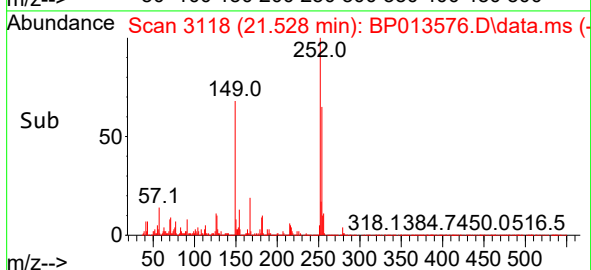
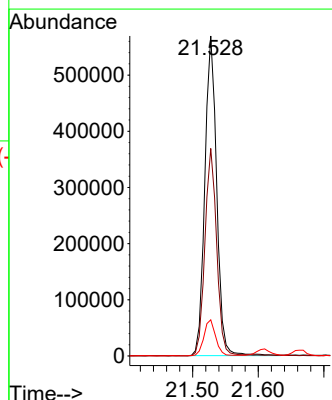
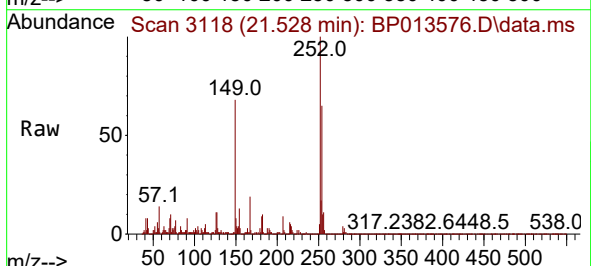
Tgt Ion:252 Resp: 717228

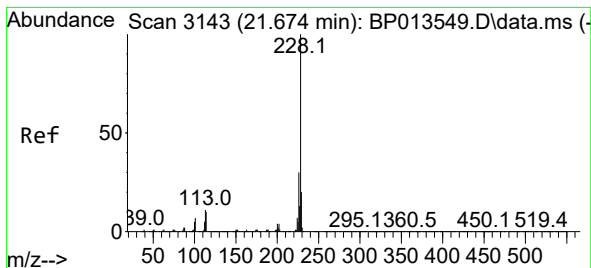
Ion Ratio Lower Upper

252 100

254 64.9 51.4 77.0

126 11.3 8.3 12.5





#83

Chrysene

Concen: 55.082 ng

RT: 21.663 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Instrument :

BNA_P

ClientSampleId :

PE-1DMS

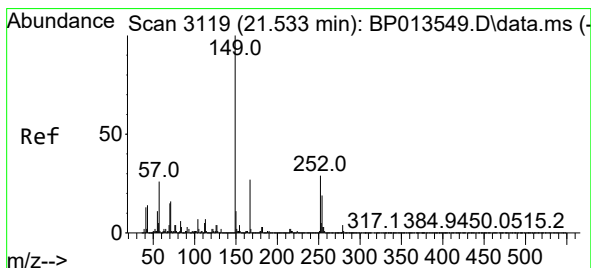
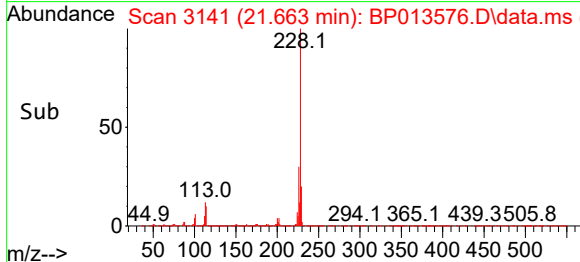
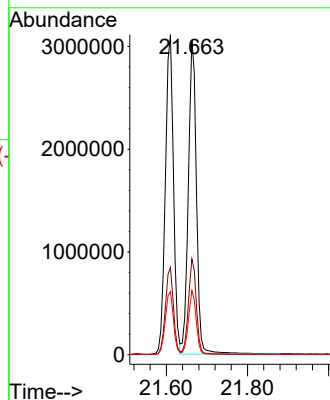
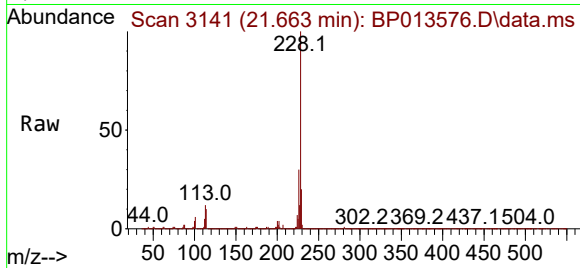
Tgt Ion:228 Resp: 4228391

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 20.3 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 70.149 ng

RT: 21.510 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

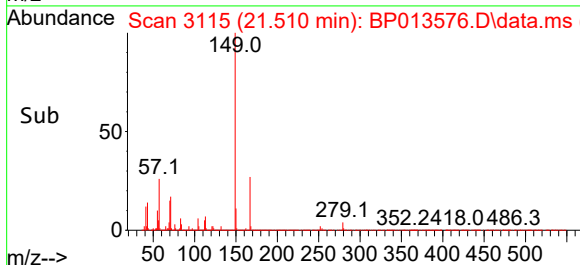
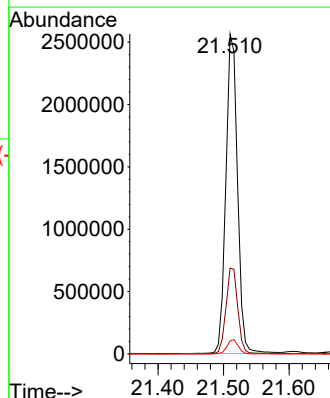
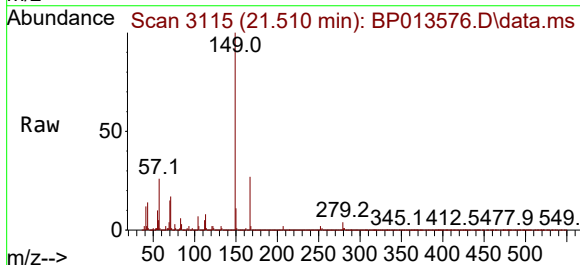
Tgt Ion:149 Resp: 3148758

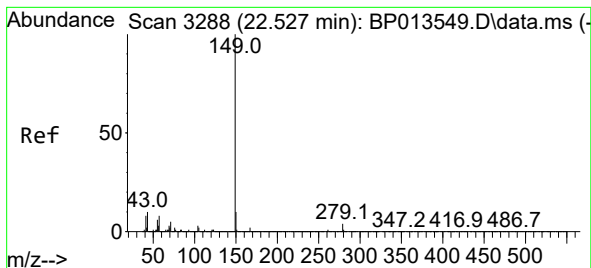
Ion Ratio Lower Upper

149 100

167 26.9 22.0 33.0

279 4.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 47.828 ng

RT: 22.504 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Instrument :

BNA_P

ClientSampleId :

PE-1DMS

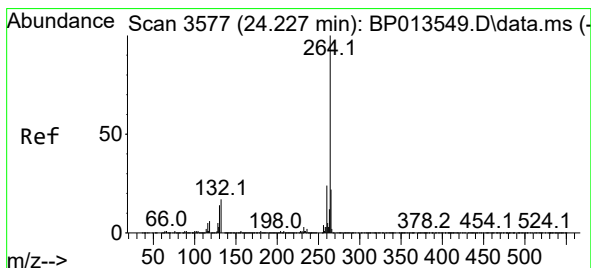
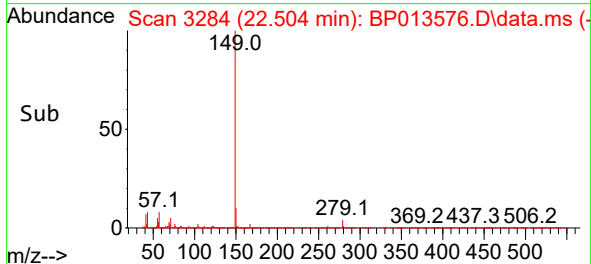
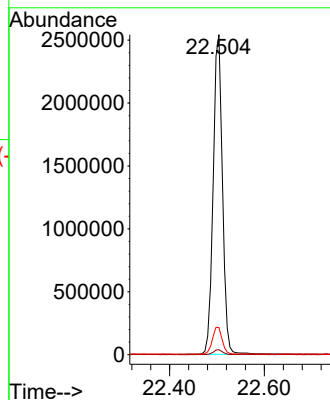
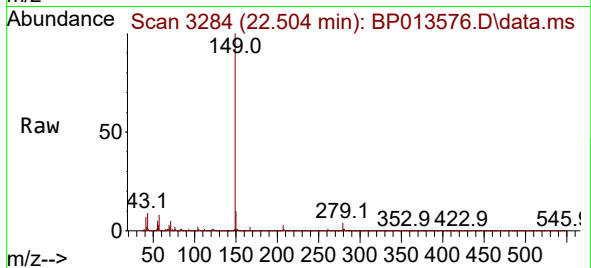
Tgt Ion:149 Resp: 3461201

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.9 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.210 min Scan# 3574

Delta R.T. -0.006 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

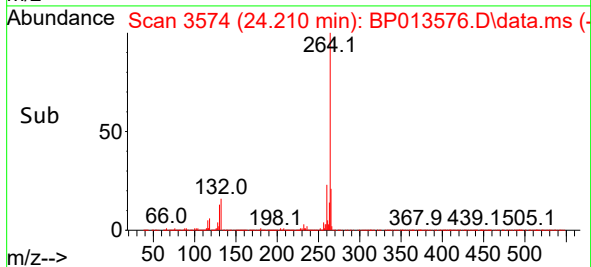
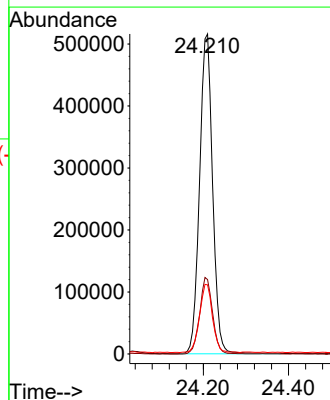
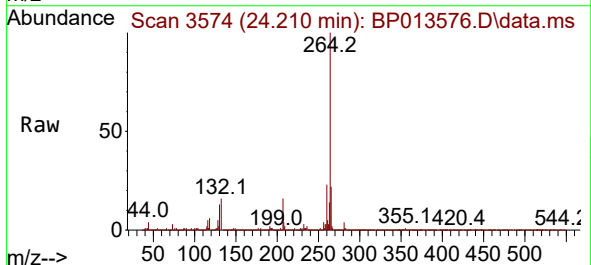
Tgt Ion:264 Resp: 1093882

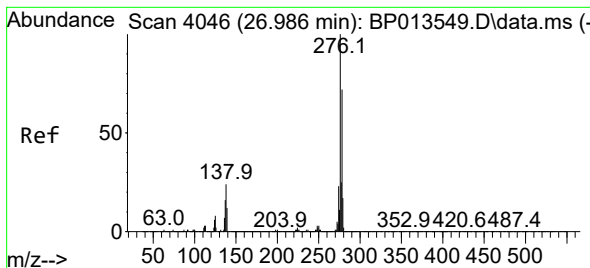
Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.096 ng

RT: 26.945 min Scan# 4039

Delta R.T. -0.012 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

Instrument :

BNA_P

ClientSampleId :

PE-1DMS

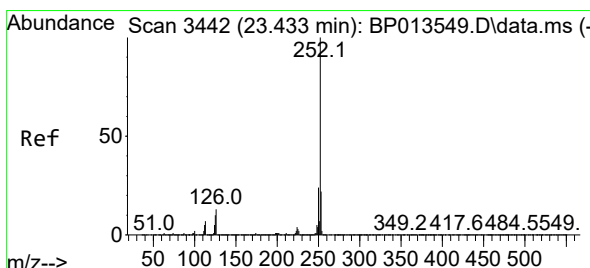
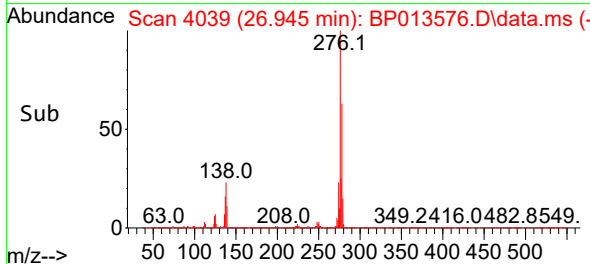
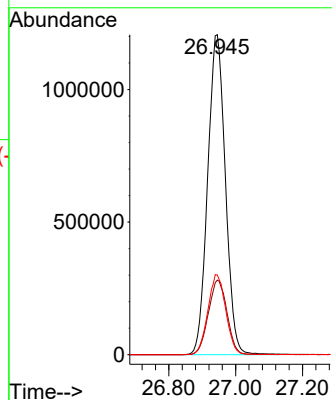
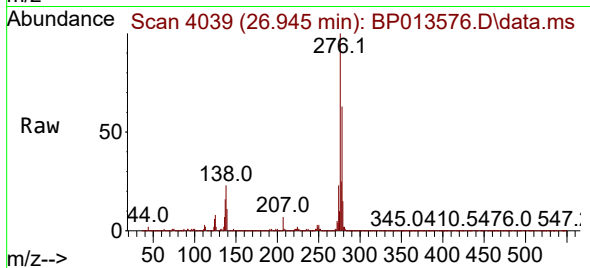
Tgt Ion:276 Resp: 4439261

Ion Ratio Lower Upper

276 100

138 24.4 19.8 29.6

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 46.460 ng

RT: 23.416 min Scan# 3439

Delta R.T. -0.006 min

Lab File: BP013576.D

Acq: 24 Jan 2023 18:11

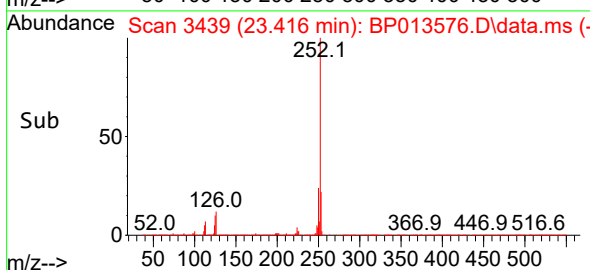
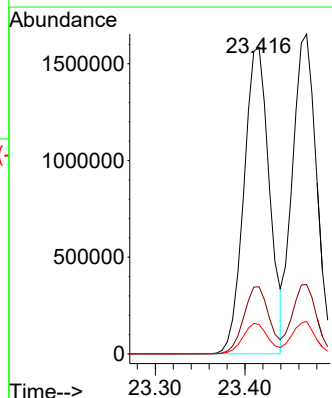
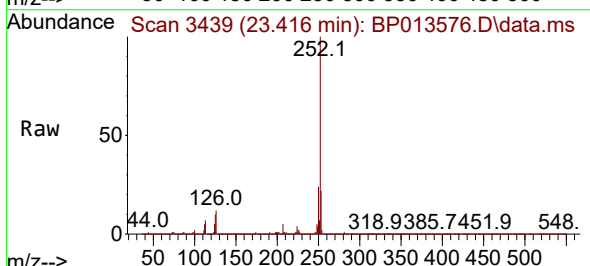
Tgt Ion:252 Resp: 3126392

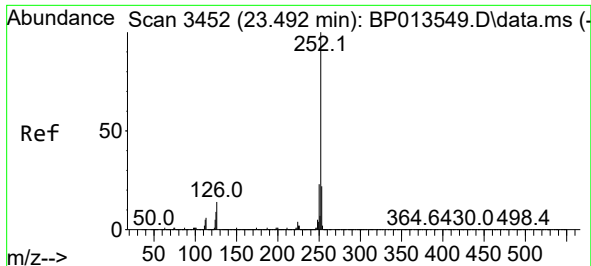
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.6 8.0 12.0

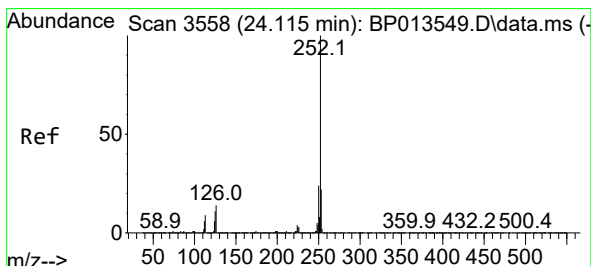
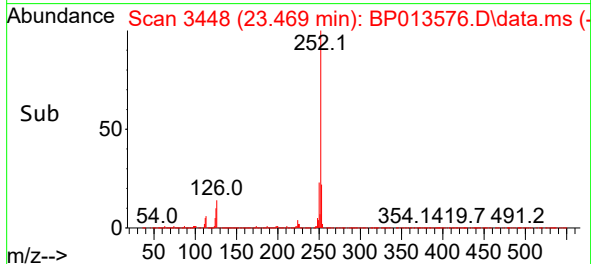
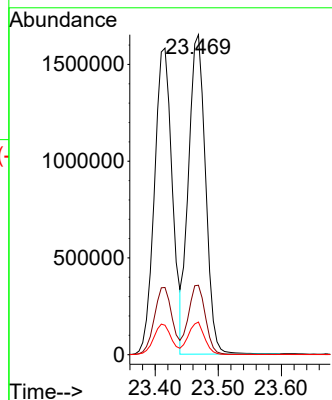
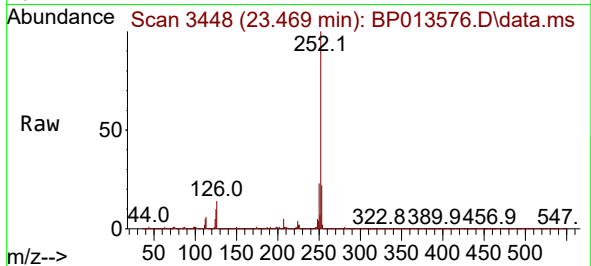




#89
Benzo(k)fluoranthene
Concen: 44.923 ng
RT: 23.469 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

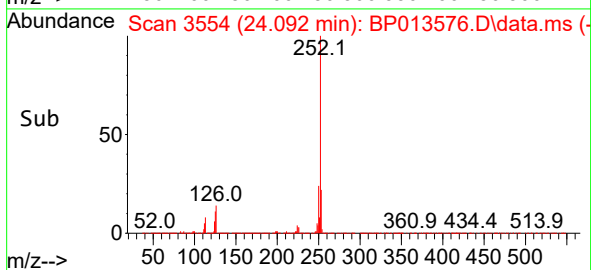
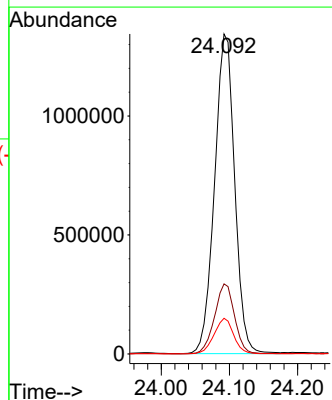
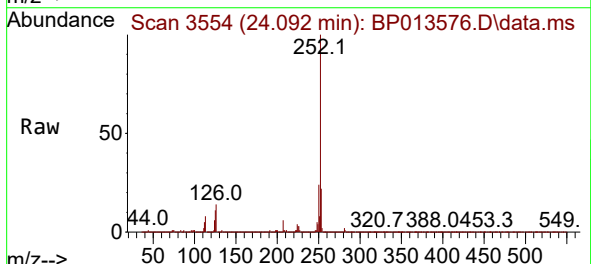
Instrument :
BNA_P
ClientSampleId :
PE-1DMS

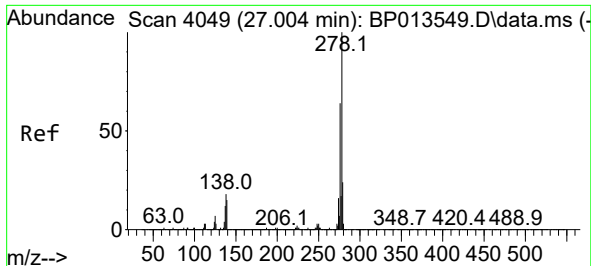
Tgt Ion:252 Resp: 3083292
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.2 7.5 11.3



#90
Benzo(a)pyrene
Concen: 42.237 ng
RT: 24.092 min Scan# 3554
Delta R.T. -0.012 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:252 Resp: 2757115
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 11.2 8.9 13.3

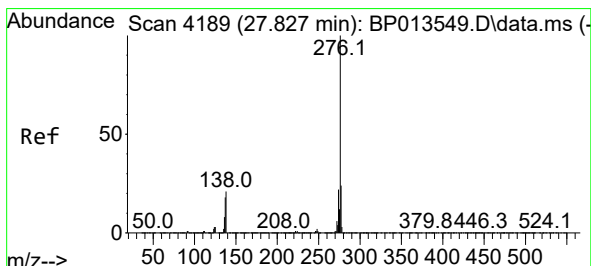
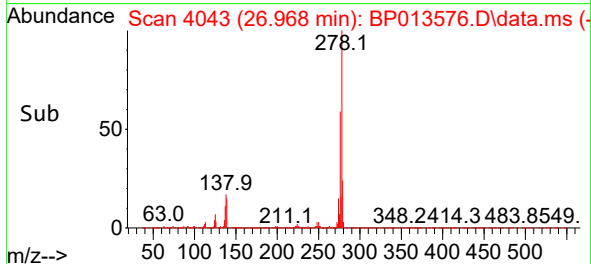
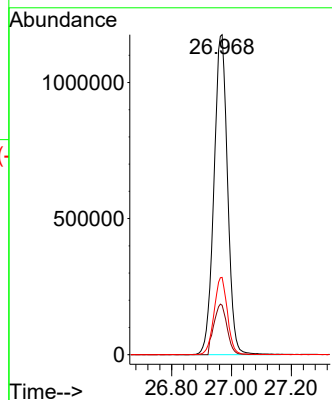
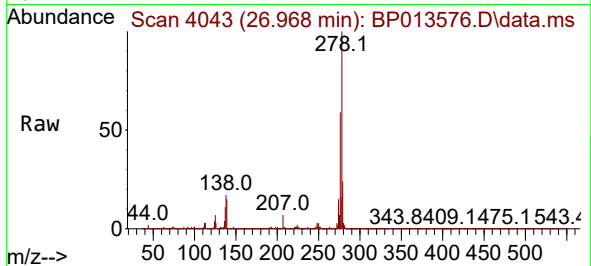




#91
Dibenzo(a,h)anthracene
Concen: 54.900 ng
RT: 26.968 min Scan# 4049
Delta R.T. -0.012 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Instrument :
BNA_P
ClientSampleId :
PE-1DMS

Tgt Ion:278 Resp: 3710365
Ion Ratio Lower Upper
278 100
139 15.5 12.3 18.5
279 24.2 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 56.153 ng
RT: 27.786 min Scan# 4182
Delta R.T. -0.012 min
Lab File: BP013576.D
Acq: 24 Jan 2023 18:11

Tgt Ion:276 Resp: 3704374
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.6
138 21.3 16.6 25.0

