

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133074.D
 Acq On : 26 Apr 2023 20:02
 Operator : CG\JU
 Sample : 02491-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2S-TP3MSD

Quant Time: Apr 27 02:00:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	168004	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	691110	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	356311	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	645956	20.000	ng	0.00
76) Chrysene-d12	13.892	240	371338	20.000	ng	0.00
86) Perylene-d12	15.304	264	353101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1193003	107.269	ng	0.01
7) Phenol-d6	6.381	99	1509565	109.355	ng	0.00
23) Nitrobenzene-d5	7.304	82	912627	71.278	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	389596	108.723	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1562805	73.379	ng	0.00
79) Terphenyl-d14	12.839	244	1799978	83.599	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.463	88	230187	44.622	ng	96
3) Pyridine	3.157	79	582522	42.516	ng	95
4) n-Nitrosodimethylamine	3.116	42	302924	42.685	ng	92
6) Aniline	6.398	93	630396	35.456	ng	# 89
8) 2-Chlorophenol	6.522	128	574385	50.866	ng	95
9) Benzaldehyde	6.281	77	332482	63.491	ng	99
10) Phenol	6.392	94	699736	45.949	ng	80
11) bis(2-Chloroethyl)ether	6.475	93	540561	47.303	ng	97
12) 1,3-Dichlorobenzene	6.675	146	599306	49.919	ng	99
13) 1,4-Dichlorobenzene	6.751	146	606816	50.433	ng	99
14) 1,2-Dichlorobenzene	6.904	146	577516	52.062	ng	97
15) Benzyl Alcohol	6.881	79	468672	49.150	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	885908	44.634	ng	97
17) 2-Methylphenol	6.998	107	463755	44.851	ng	99
18) Hexachloroethane	7.251	117	205778	49.192	ng	98
19) n-Nitroso-di-n-propyla...	7.157	70	376396	43.798	ng	97
20) 3+4-Methylphenols	7.151	107	568463	46.684	ng	98
22) Acetophenone	7.145	105	750590	46.885	ng	# 97
24) Nitrobenzene	7.322	77	575773	44.377	ng	100
25) Isophorone	7.563	82	1081589	44.491	ng	99
26) 2-Nitrophenol	7.639	139	319696	51.086	ng	92
27) 2,4-Dimethylphenol	7.681	122	521787	48.626	ng	100
28) bis(2-Chloroethoxy)met...	7.775	93	642388	44.668	ng	99
29) 2,4-Dichlorophenol	7.880	162	473034	48.424	ng	100
30) 1,2,4-Trichlorobenzene	7.963	180	488838	48.303	ng	100
31) Naphthalene	8.045	128	1590417	46.028	ng	99
32) Benzoic acid	7.804	122	250705	37.824	ng	96
33) 4-Chloroaniline	8.092	127	233430	16.720	ng	98
34) Hexachlorobutadiene	8.163	225	266505	47.513	ng	99
35) Caprolactam	8.469	113	115257	35.122	ng	90
36) 4-Chloro-3-methylphenol	8.580	107	523690	49.713	ng	100
37) 2-Methylnaphthalene	8.733	142	1060658	44.899	ng	98
38) 1-Methylnaphthalene	8.833	142	999470	45.227	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	443336	46.276	ng	99
41) Hexachlorocyclopentadiene	8.892	237	509044	91.109	ng	98
43) 2,4,6-Trichlorophenol	9.016	196	326173	49.231	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133074.D
 Acq On : 26 Apr 2023 20:02
 Operator : CG\JU
 Sample : 02491-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

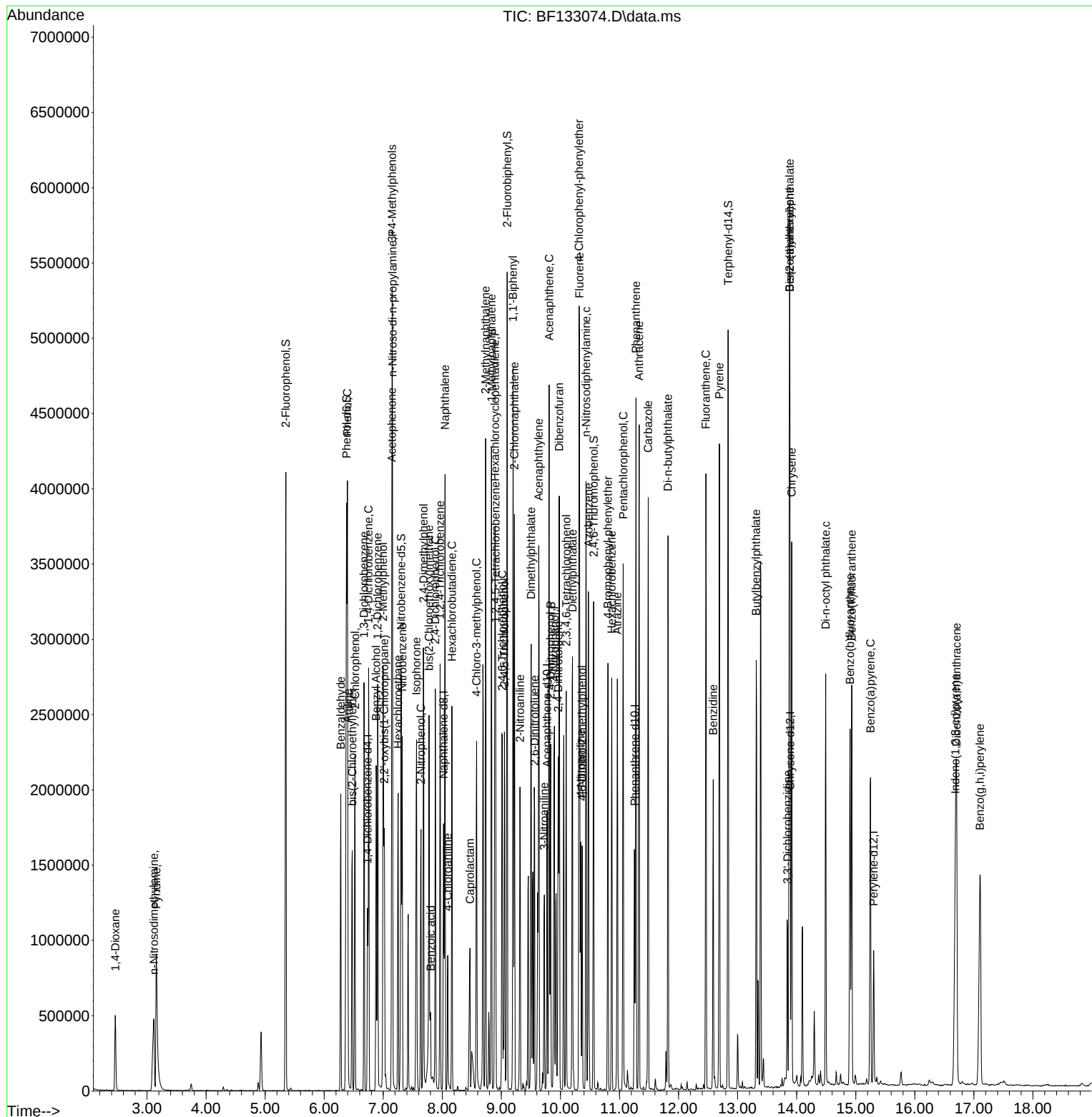
Instrument :
 BNA_F
 ClientSampleId :
 S2S-TP3MSD

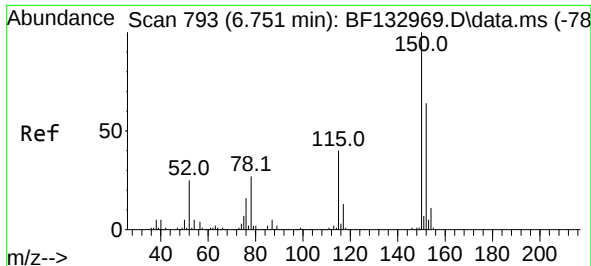
Quant Time: Apr 27 02:00:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	346255	45.189	ng	99
46) 1,1'-Biphenyl	9.198	154	1304779	46.181	ng	99
47) 2-Chloronaphthalene	9.222	162	988224	47.787	ng	100
48) 2-Nitroaniline	9.316	65	322344	47.163	ng	95
49) Acenaphthylene	9.633	152	1550059	46.910	ng	100
50) Dimethylphthalate	9.504	163	1169879	47.087	ng	98
51) 2,6-Dinitrotoluene	9.563	165	276995	49.535	ng	# 81
52) Acenaphthene	9.810	154	1009046	45.594	ng	100
53) 3-Nitroaniline	9.727	138	207970	31.279	ng	95
54) 2,4-Dinitrophenol	9.833	184	284303	101.147	ng	98
55) Dibenzofuran	9.980	168	1395897	46.239	ng	99
56) 4-Nitrophenol	9.898	139	505519	98.164	ng	98
57) 2,4-Dinitrotoluene	9.963	165	367261	51.500	ng	91
58) Fluorene	10.322	166	1031387	46.632	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.098	232	292674	49.269	ng	98
60) Diethylphthalate	10.204	149	1099935	46.871	ng	98
61) 4-Chlorophenyl-phenyle...	10.316	204	499105	46.307	ng	100
62) 4-Nitroaniline	10.345	138	315288	51.593	ng	95
63) Azobenzene	10.474	77	1138687	45.804	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	207206	52.922	ng	85
66) n-Nitrosodiphenylamine	10.433	169	961597	45.893	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	320249	45.712	ng	98
68) Hexachlorobenzene	10.869	284	350849	48.873	ng	98
69) Atrazine	10.963	200	333864	55.298	ng	98
70) Pentachlorophenol	11.063	266	402138	78.656	ng	97
71) Phenanthrene	11.280	178	1586059	45.684	ng	99
72) Anthracene	11.333	178	1644887	46.295	ng	100
73) Carbazole	11.486	167	1489466	47.080	ng	100
74) Di-n-butylphthalate	11.821	149	1740941	48.626	ng	100
75) Fluoranthene	12.463	202	1648320	47.306	ng	100
77) Benzidine	12.586	184	707700	112.700	ng	# 93
78) Pyrene	12.692	202	1680999	52.808	ng	99
80) Butylbenzylphthalate	13.315	149	691409	61.344	ng	95
81) Benzo(a)anthracene	13.880	228	1212114	47.467	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	227758	32.286	ng	99
83) Chrysene	13.915	228	1168957	45.789	ng	98
84) Bis(2-ethylhexyl)phtha...	13.880	149	790487	55.876	ng	99
85) Di-n-octyl phthalate	14.492	149	1265031	54.840	ng	97
87) Indeno(1,2,3-cd)pyrene	16.686	276	1321137	65.777	ng	100
88) Benzo(b)fluoranthene	14.904	252	1063974	47.364	ng	98
89) Benzo(k)fluoranthene	14.933	252	1018500	45.738	ng	99
90) Benzo(a)pyrene	15.251	252	946075	46.270	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	1101588	65.759	ng	99
92) Benzo(g,h,i)perylene	17.103	276	1103462	66.721	ng	98

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

Quant Time: Apr 27 02:00:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 01:56:03 2023
Response via : Initial Calibration

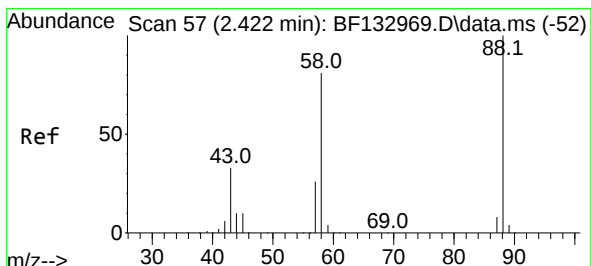
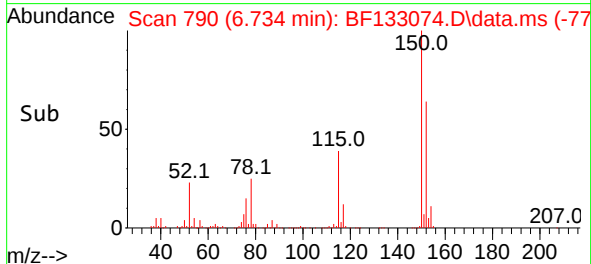
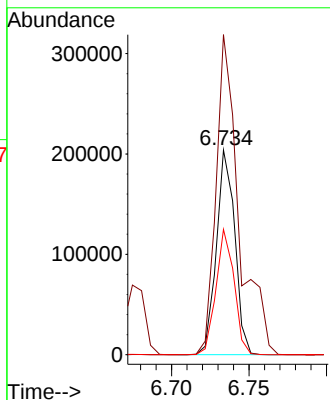
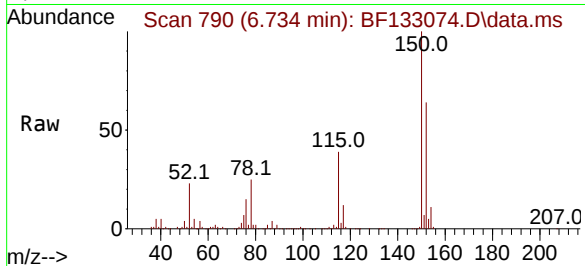




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF133074.D
 Acq: 26 Apr 2023 20:02

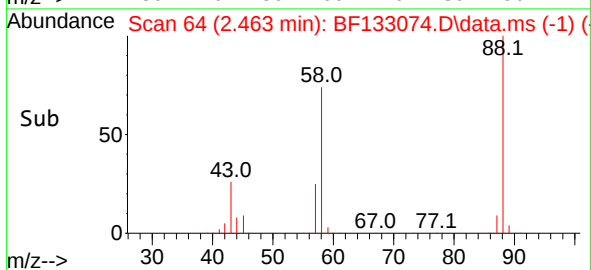
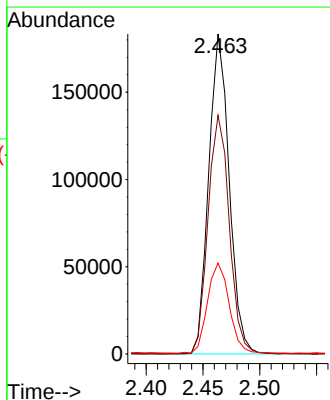
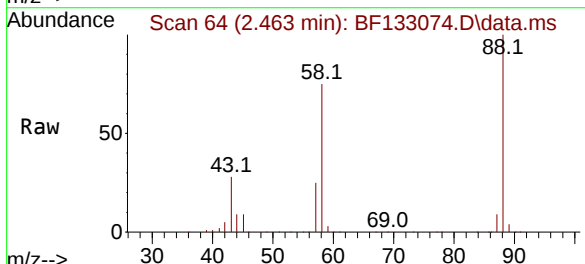
Instrument :
 BNA_F
 ClientSampleId :
 S2S-TP3MSD

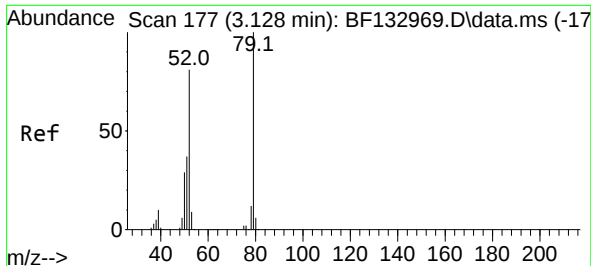
Tgt Ion:152 Resp: 168004
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.8 187.2
 115 61.2 49.9 74.9



#2
 1,4-Dioxane
 Concen: 44.622 ng
 RT: 2.463 min Scan# 64
 Delta R.T. 0.076 min
 Lab File: BF133074.D
 Acq: 26 Apr 2023 20:02

Tgt Ion: 88 Resp: 230187
 Ion Ratio Lower Upper
 88 100
 58 77.5 64.7 97.1
 43 29.9 26.2 39.2





#3

Pyridine

Concen: 42.516 ng

RT: 3.157 min Scan# 11

Delta R.T. 0.076 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

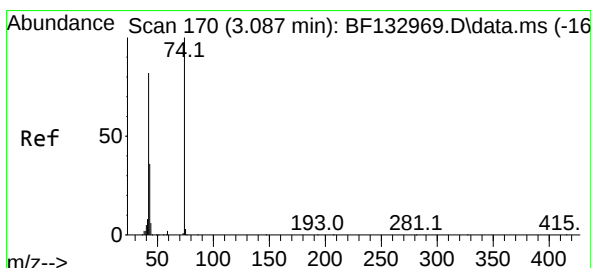
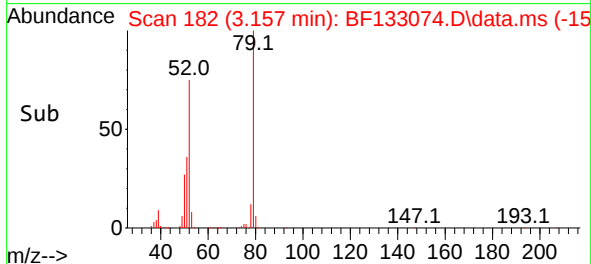
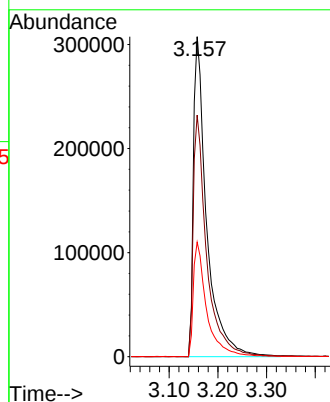
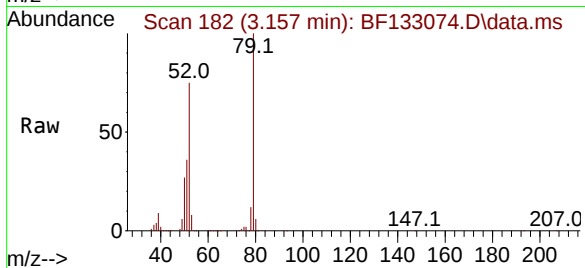
Tgt Ion: 79 Resp: 582522

Ion Ratio Lower Upper

79 100

52 75.5 64.6 96.8

51 35.8 30.0 45.0



#4

n-Nitrosodimethylamine

Concen: 42.685 ng

RT: 3.116 min Scan# 175

Delta R.T. 0.076 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

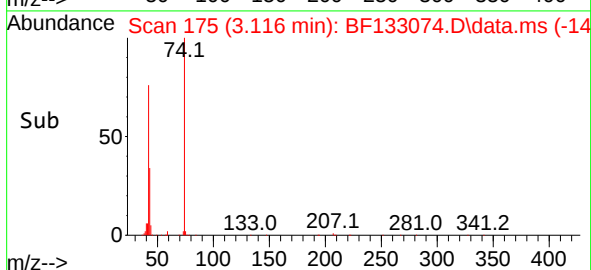
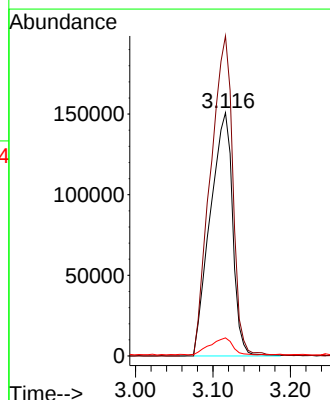
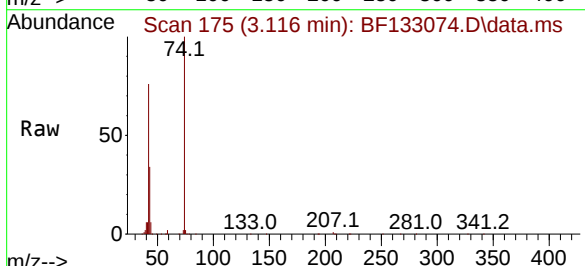
Tgt Ion: 42 Resp: 302924

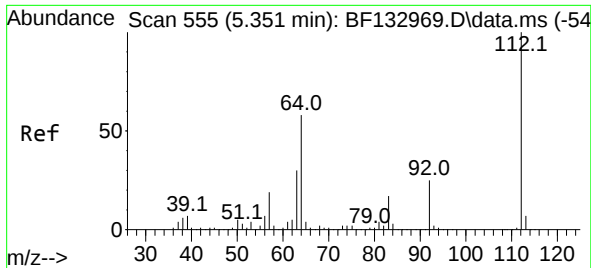
Ion Ratio Lower Upper

42 100

74 131.6 98.0 147.0

44 7.4 5.8 8.8

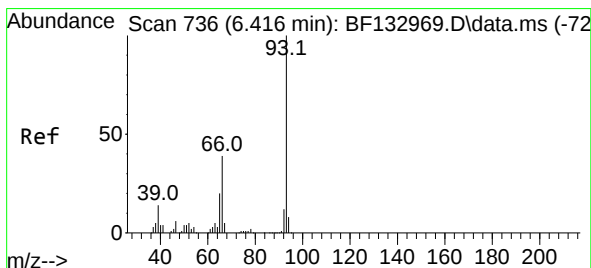
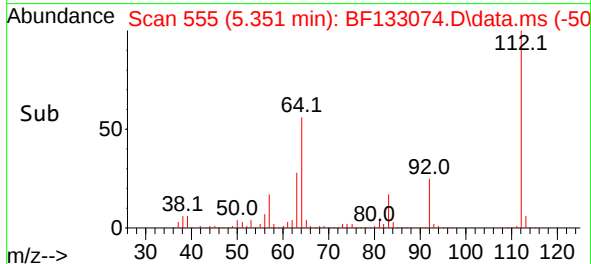
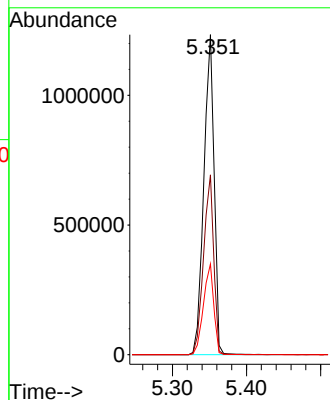
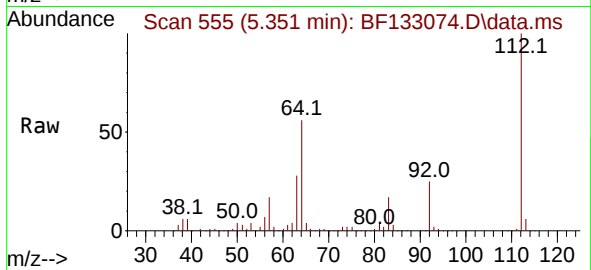




#5
2-Fluorophenol
Concen: 107.269 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

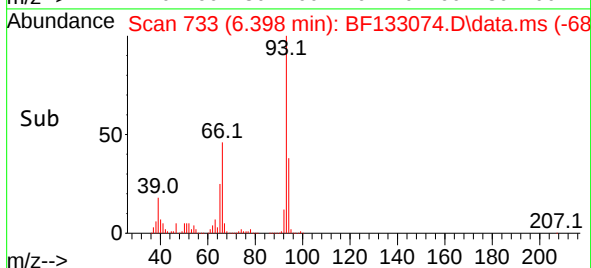
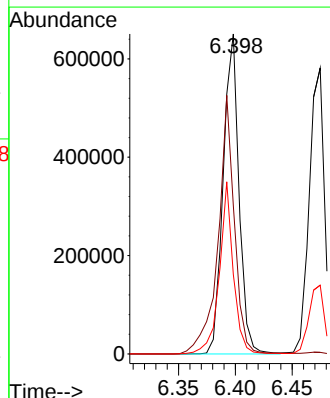
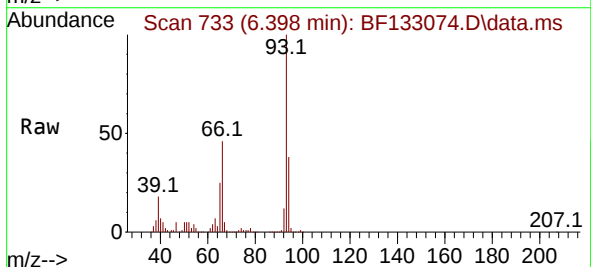
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

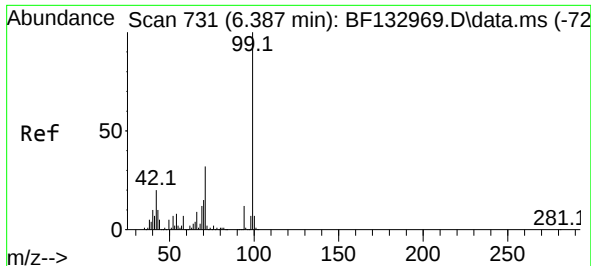
Tgt Ion:112 Resp: 1193003
Ion Ratio Lower Upper
112 100
64 56.2 46.8 70.2
63 28.4 23.8 35.8



#6
Aniline
Concen: 35.456 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion: 93 Resp: 630396
Ion Ratio Lower Upper
93 100
66 46.4 31.5 47.3
65 24.9 16.4 24.6#





#7

Phenol-d6

Concen: 109.355 ng

RT: 6.381 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

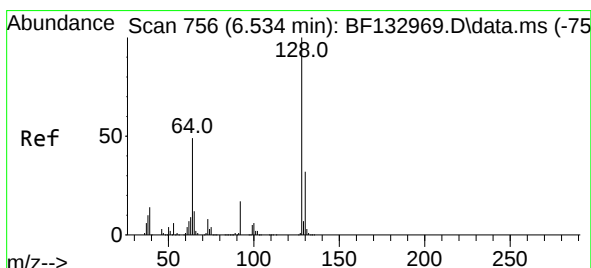
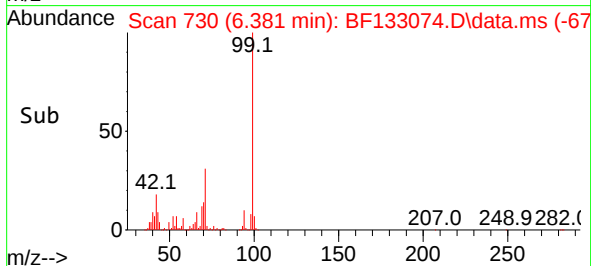
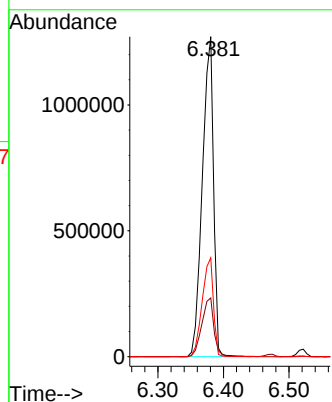
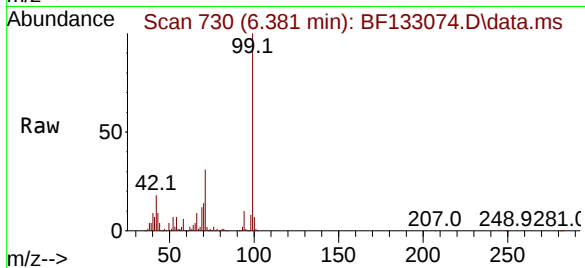
Tgt Ion: 99 Resp: 1509565

Ion Ratio Lower Upper

99 100

42 18.4 16.3 24.5

71 30.9 25.6 38.4



#8

2-Chlorophenol

Concen: 50.866 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

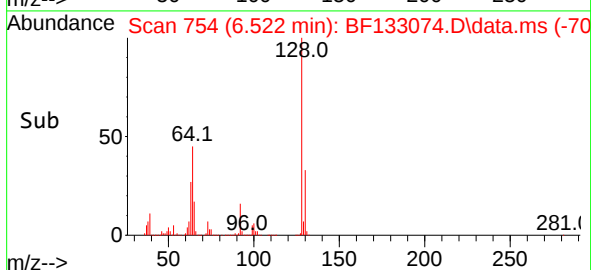
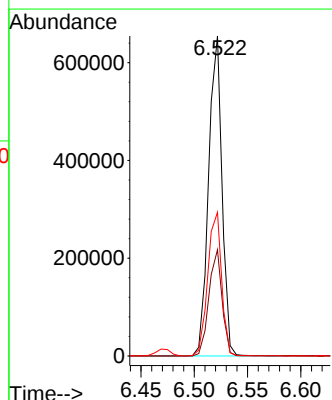
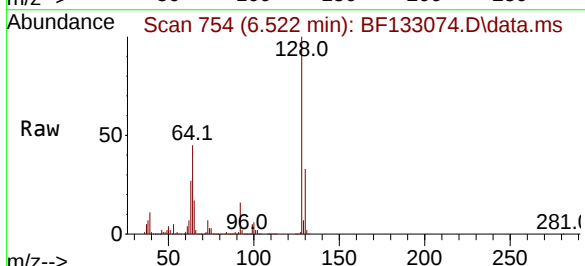
Tgt Ion:128 Resp: 574385

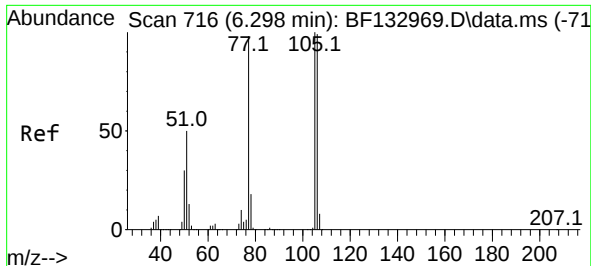
Ion Ratio Lower Upper

128 100

130 33.2 12.2 52.2

64 44.9 30.3 70.3

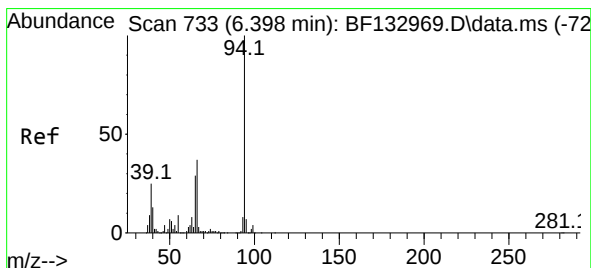
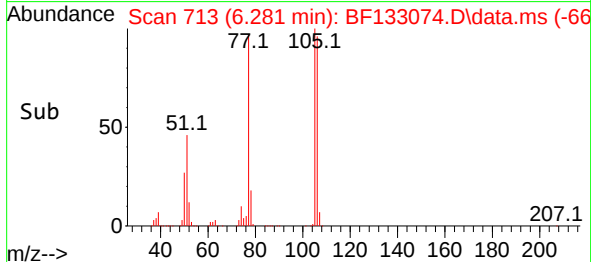
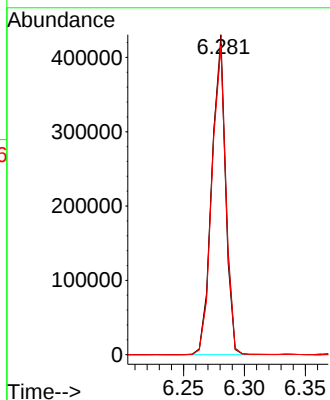
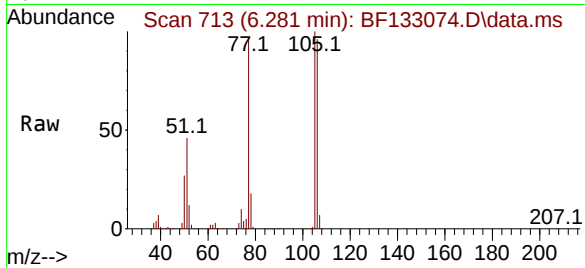




#9
Benzaldehyde
Concen: 63.491 ng
RT: 6.281 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

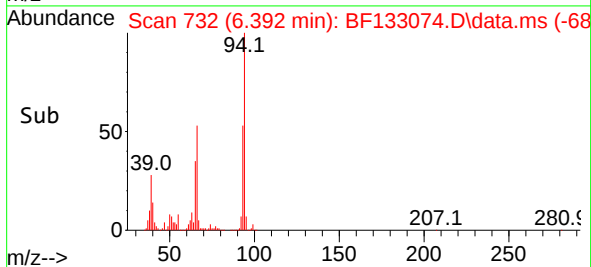
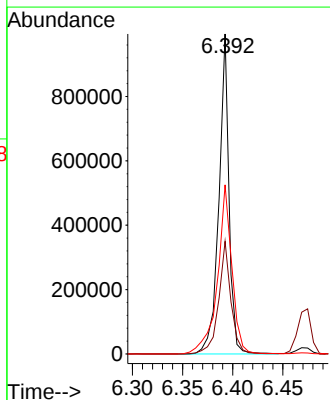
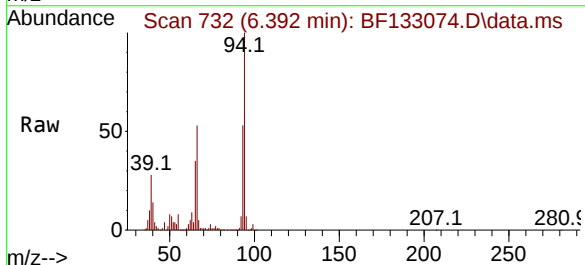
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

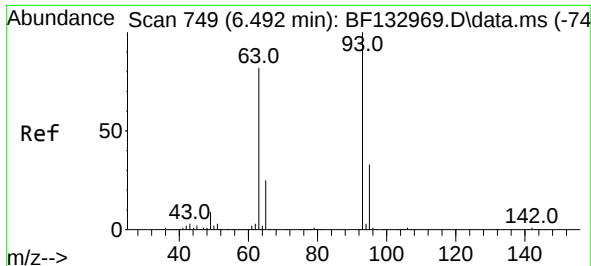
Tgt Ion: 77 Resp: 332482
Ion Ratio Lower Upper
77 100
105 103.0 82.3 122.3
106 99.3 80.8 120.8



#10
Phenol
Concen: 45.949 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion: 94 Resp: 699736
Ion Ratio Lower Upper
94 100
65 35.2 8.6 48.6
66 52.9 17.3 57.3

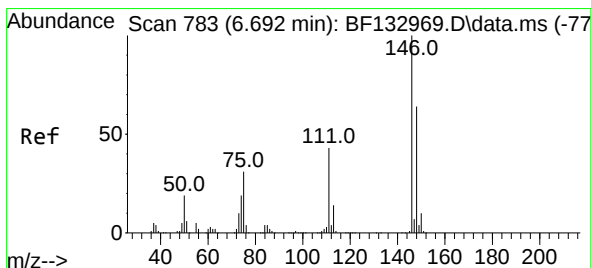
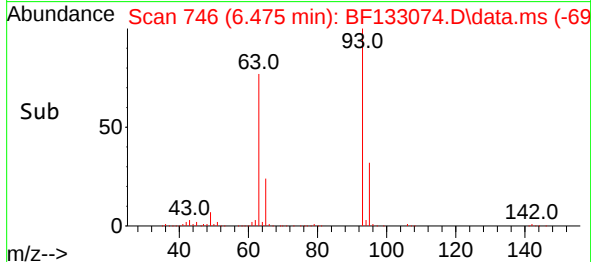
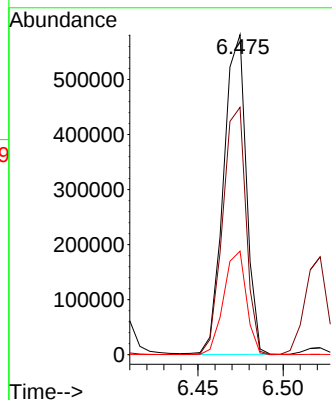
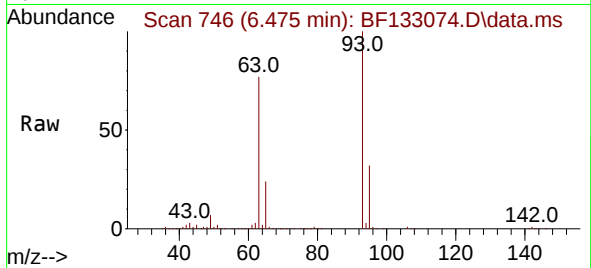




#11
bis(2-Chloroethyl)ether
Concen: 47.303 ng
RT: 6.475 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

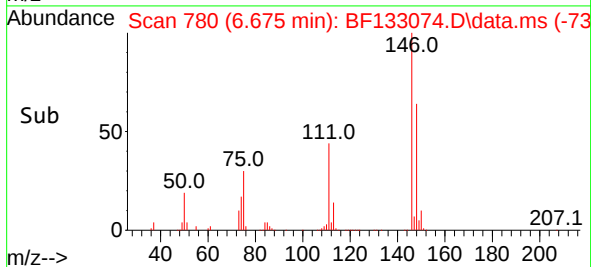
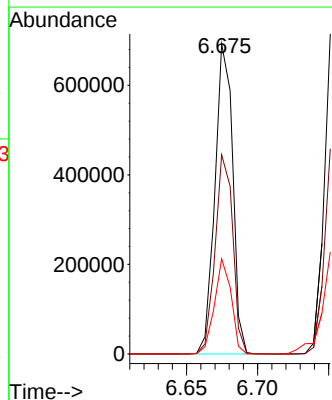
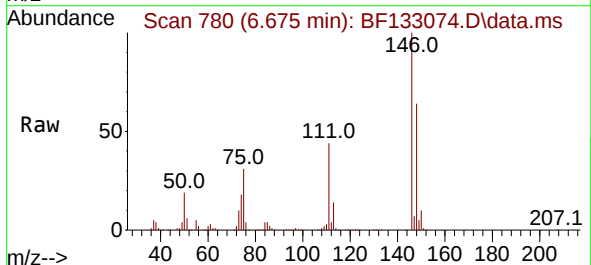
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

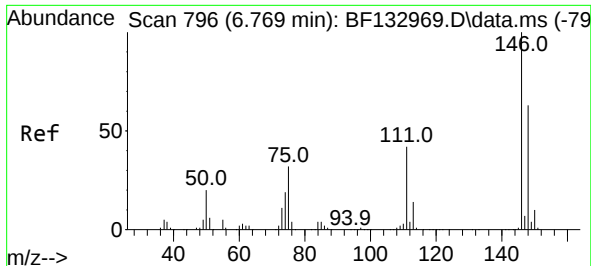
Tgt Ion: 93 Resp: 540561
Ion Ratio Lower Upper
93 100
63 77.3 60.6 100.6
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 49.919 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion: 146 Resp: 599306
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
75 30.7 24.8 37.2

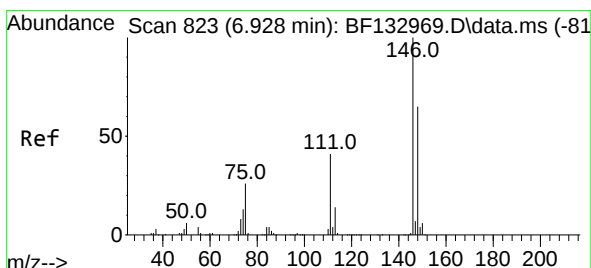
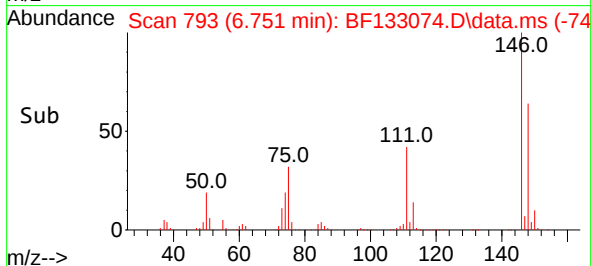
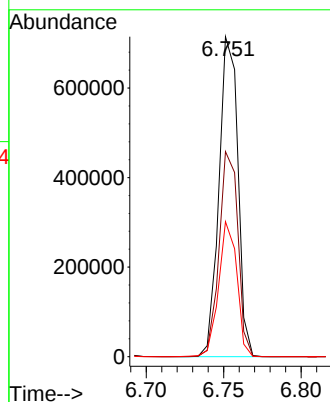
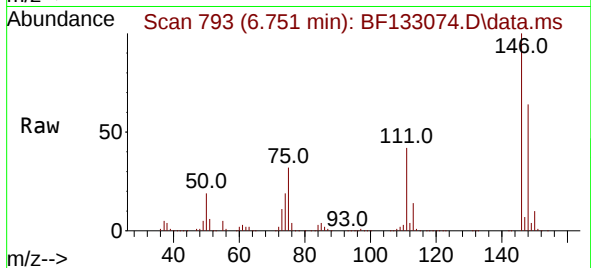




#13
1,4-Dichlorobenzene
Concen: 50.433 ng
RT: 6.751 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

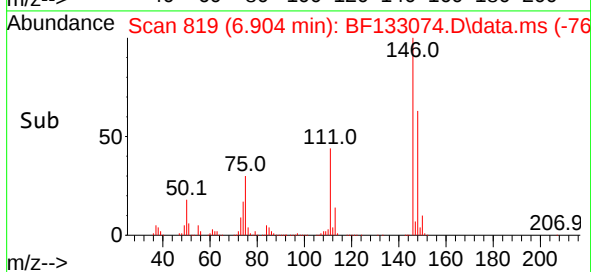
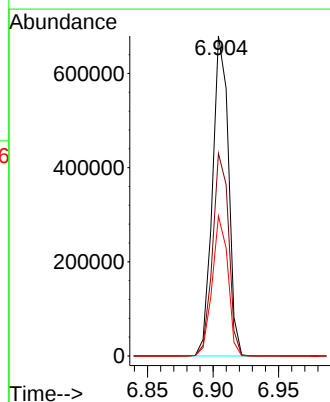
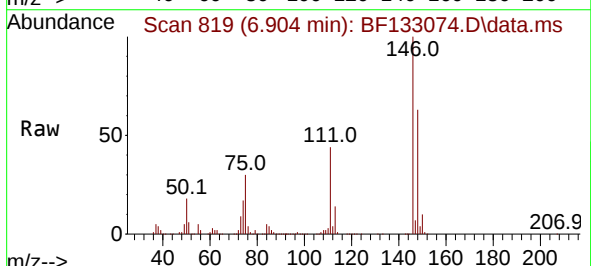
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

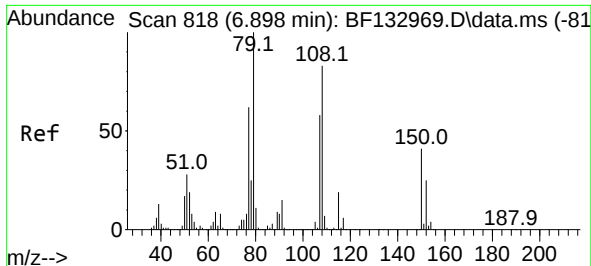
Tgt Ion:146 Resp: 606816
Ion Ratio Lower Upper
146 100
148 64.1 50.3 75.5
111 42.2 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 52.062 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion:146 Resp: 577516
Ion Ratio Lower Upper
146 100
148 63.3 52.2 78.2
111 43.7 32.8 49.2

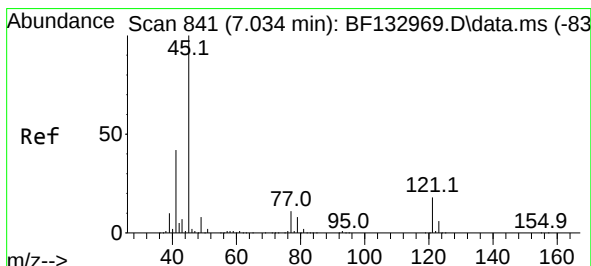
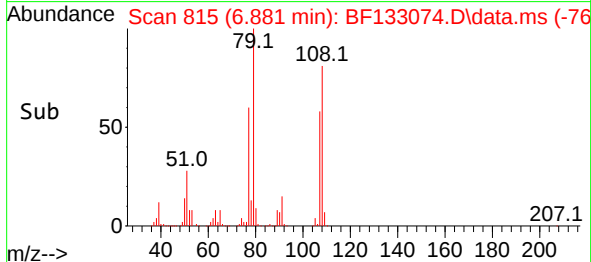
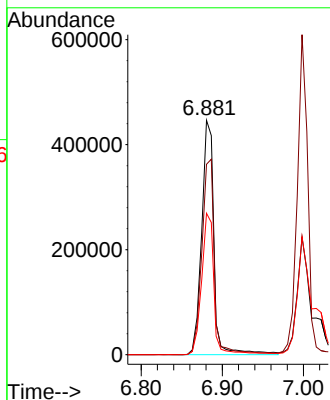
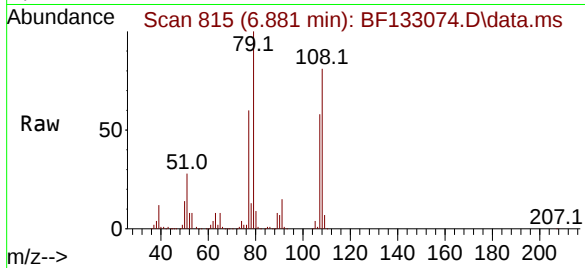




#15
Benzyl Alcohol
Concen: 49.150 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

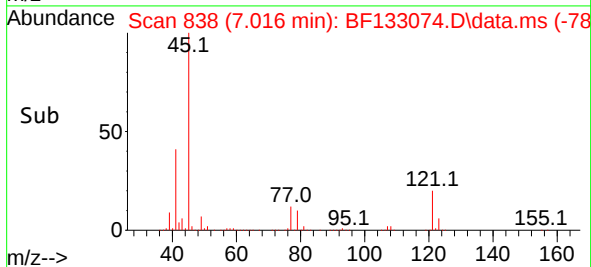
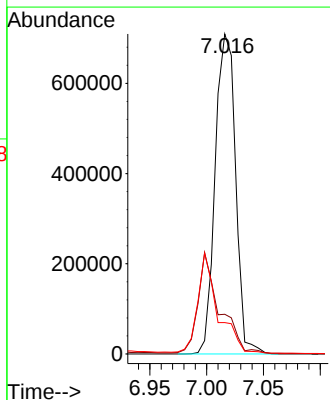
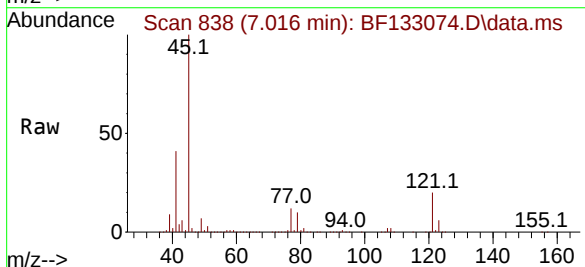
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

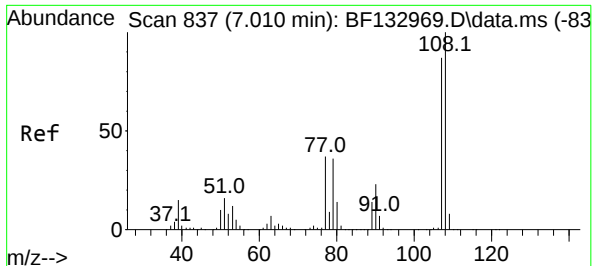
Tgt Ion: 79 Resp: 468672
Ion Ratio Lower Upper
79 100
108 81.2 66.6 99.8
77 60.4 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.634 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

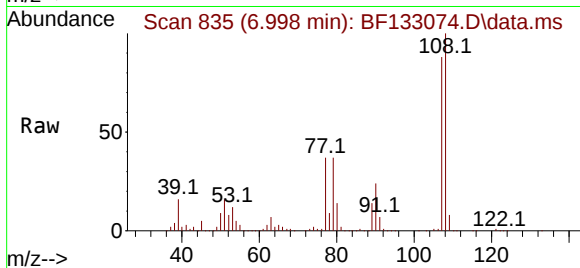
Tgt Ion: 45 Resp: 885908
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.5
79 9.8 0.0 28.7



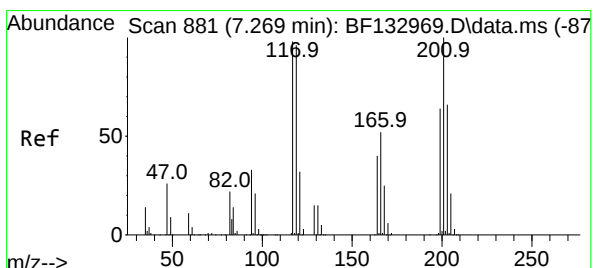
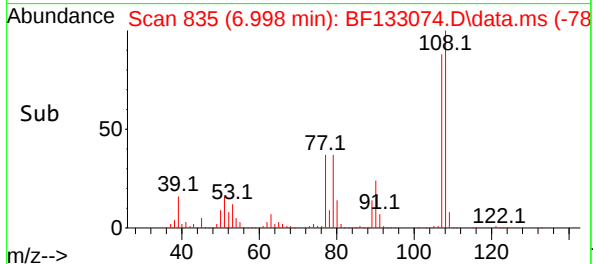
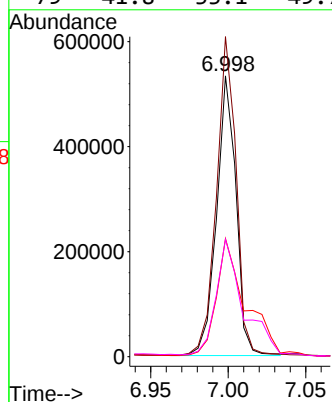


#17
2-Methylphenol
Concen: 44.851 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

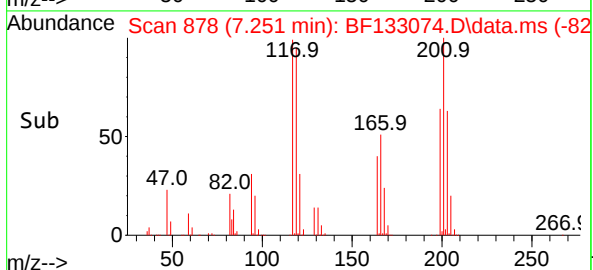
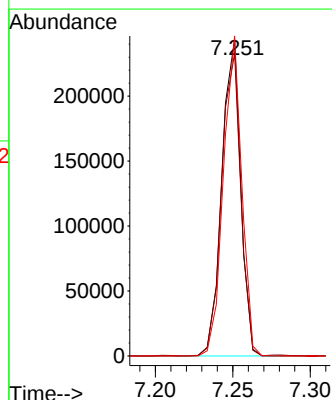
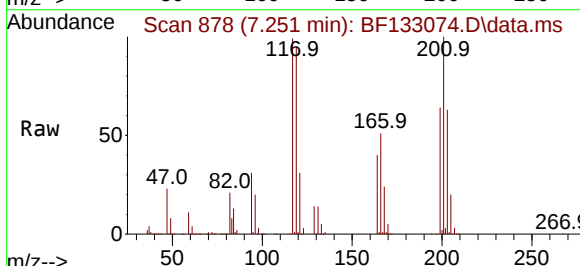


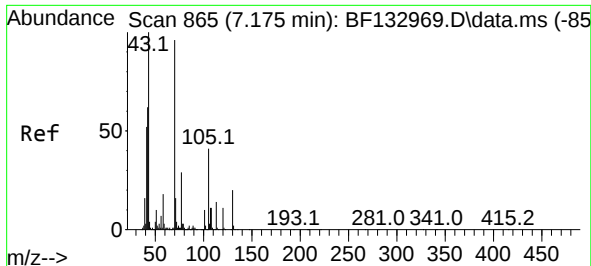
Tgt Ion:	107	Resp:	463755
Ion	Ratio	Lower	Upper
107	100		
108	114.0	92.4	138.6
77	42.1	33.8	50.8
79	41.8	33.1	49.7



#18
Hexachloroethane
Concen: 49.192 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion:	117	Resp:	205778
Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.2	117.4
201	101.1	81.7	122.5





#19

n-Nitroso-di-n-propylamine

Concen: 43.798 ng

RT: 7.157 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

Tgt Ion: 70 Resp: 376396

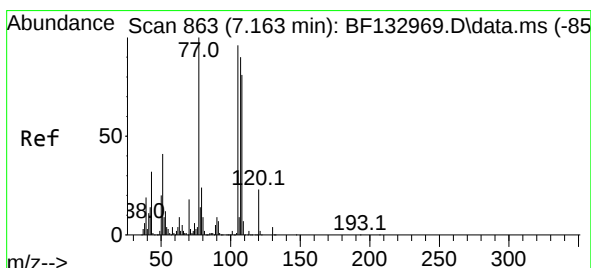
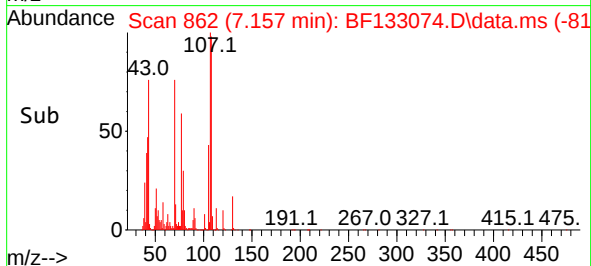
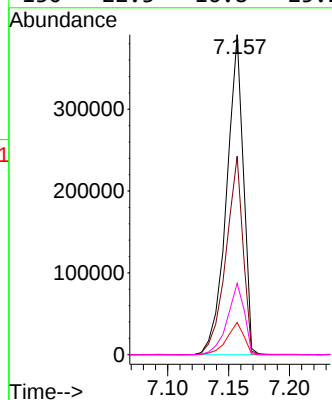
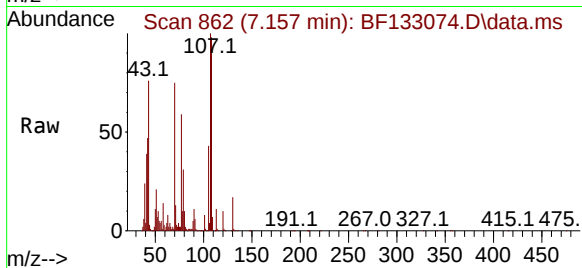
Ion Ratio Lower Upper

70 100

42 62.0 51.8 77.6

101 10.0 8.0 12.0

130 22.3 16.8 25.2



#20

3+4-Methylphenols

Concen: 46.684 ng

RT: 7.151 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Tgt Ion: 107 Resp: 568463

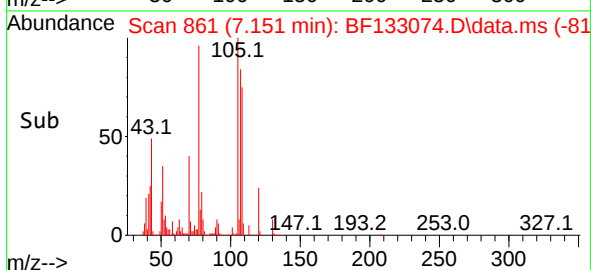
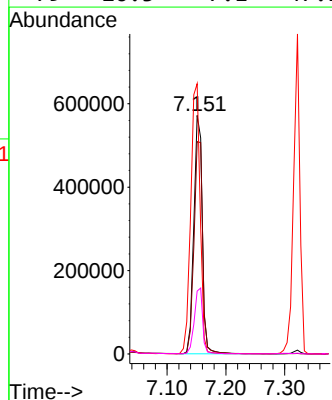
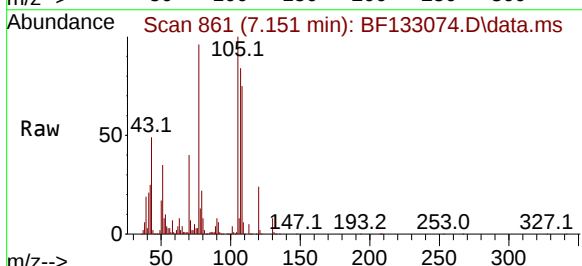
Ion Ratio Lower Upper

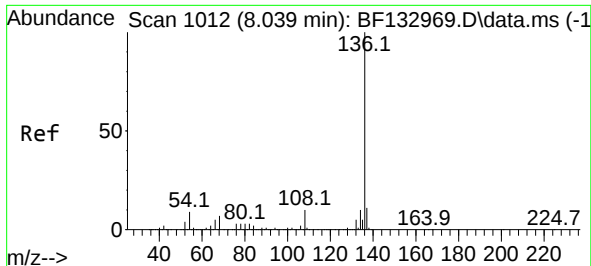
107 100

108 89.1 70.5 110.5

77 113.3 91.7 131.7

79 26.3 7.1 47.1

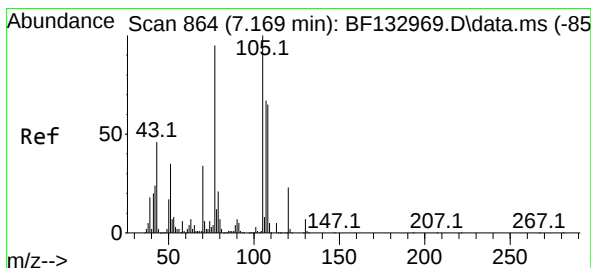
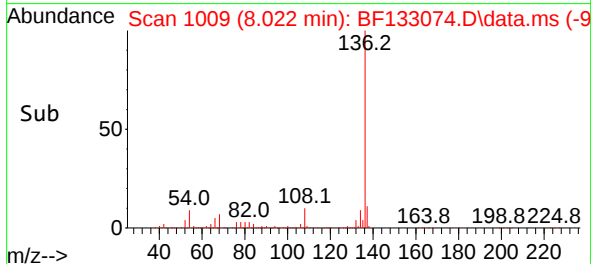
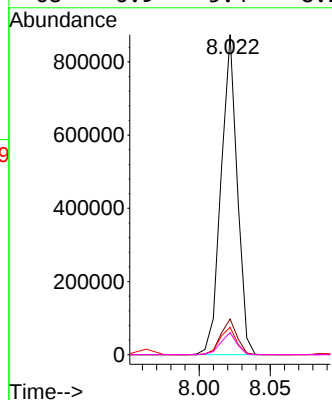
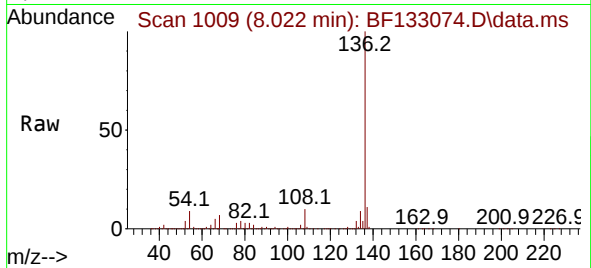




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

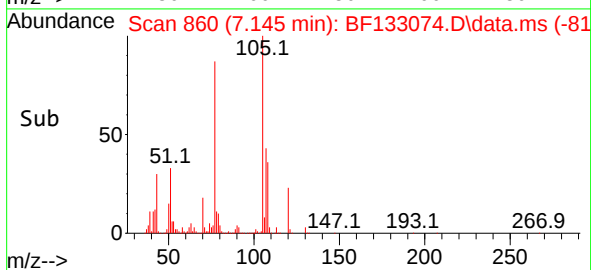
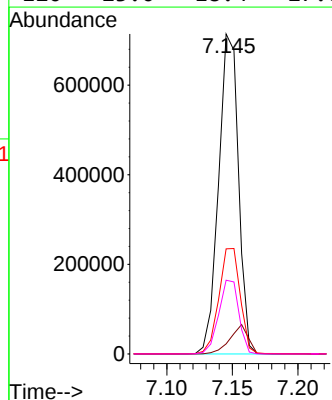
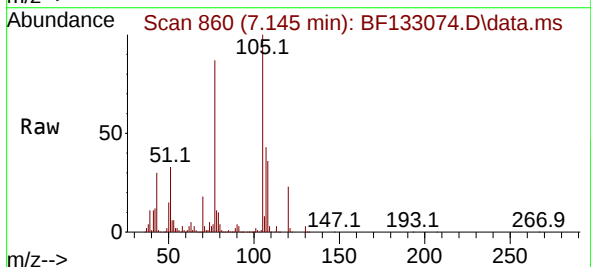
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

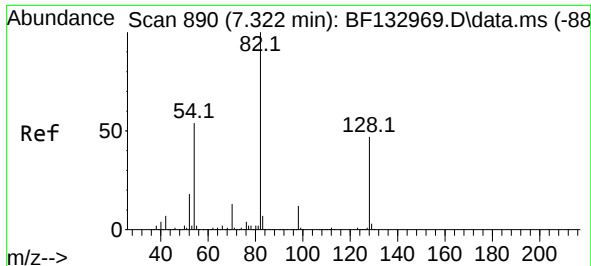
Tgt Ion:136 Resp: 691110
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.5 7.0 10.4
68 6.9 5.4 8.2



#22
Acetophenone
Concen: 46.885 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion:105 Resp: 750590
Ion Ratio Lower Upper
105 100
71 3.2 4.6 7.0#
51 32.9 28.2 42.2
120 23.0 18.4 27.6





#23

Nitrobenzene-d5

Concen: 71.278 ng

RT: 7.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

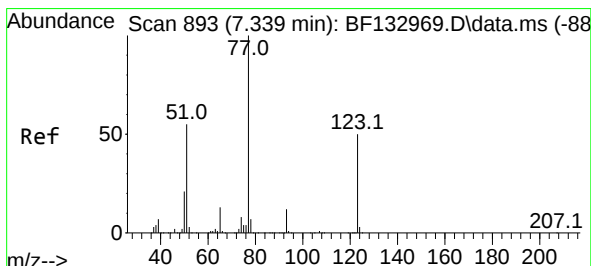
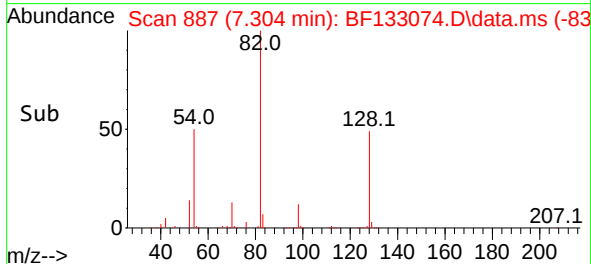
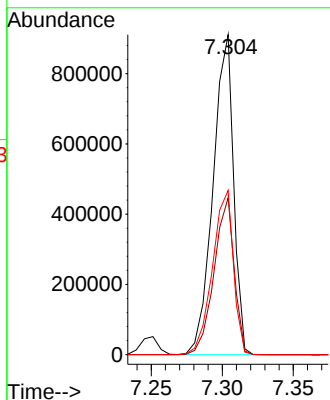
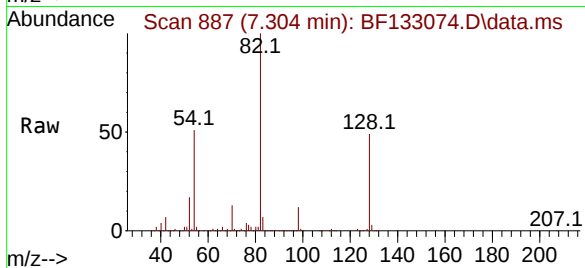
Tgt Ion: 82 Resp: 912627

Ion Ratio Lower Upper

82 100

128 49.0 37.7 56.5

54 51.4 43.0 64.4



#24

Nitrobenzene

Concen: 44.377 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

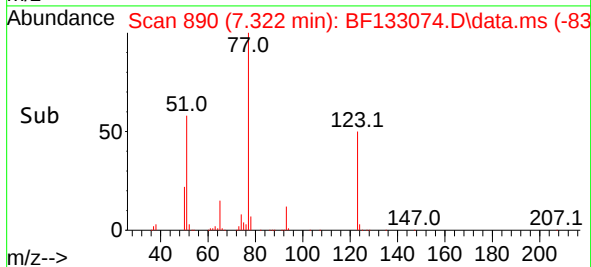
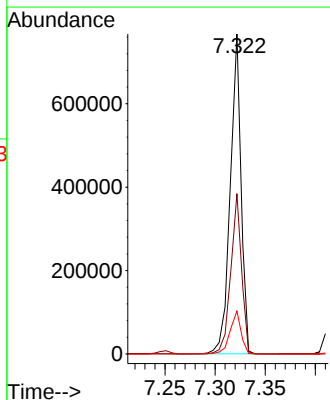
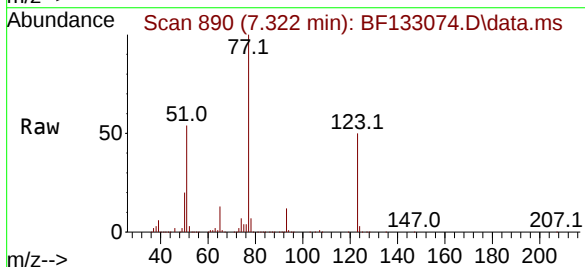
Tgt Ion: 77 Resp: 575773

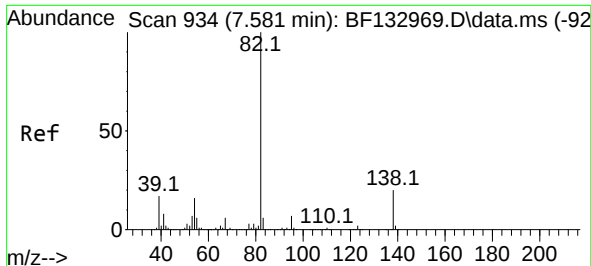
Ion Ratio Lower Upper

77 100

123 50.1 39.9 59.9

65 13.4 10.7 16.1

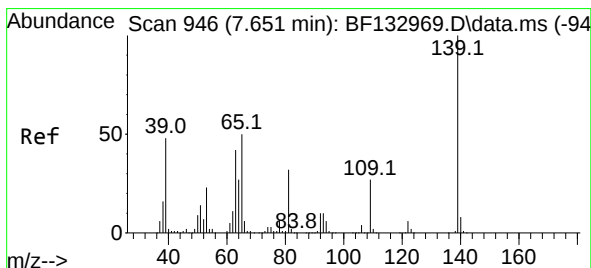
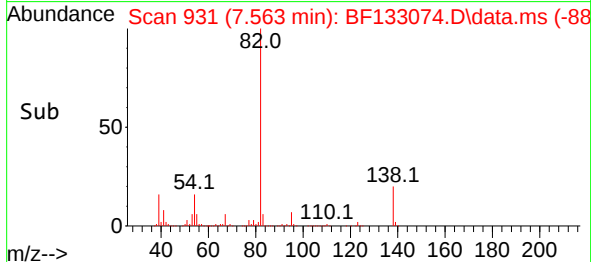
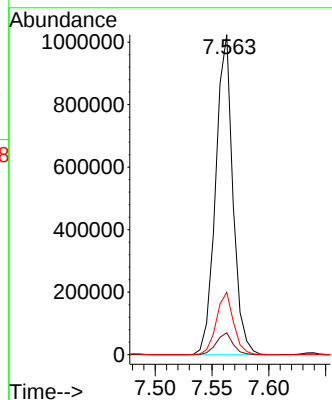
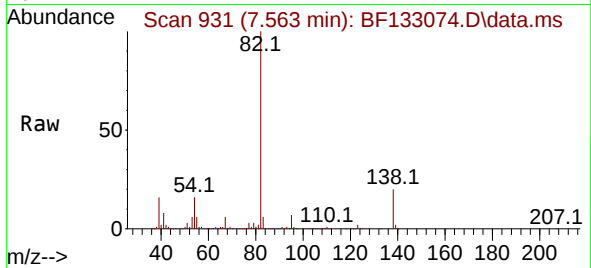




#25
Isophorone
Concen: 44.491 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

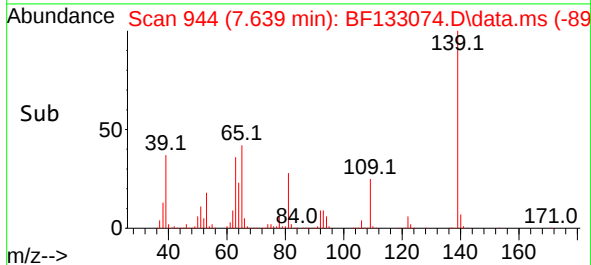
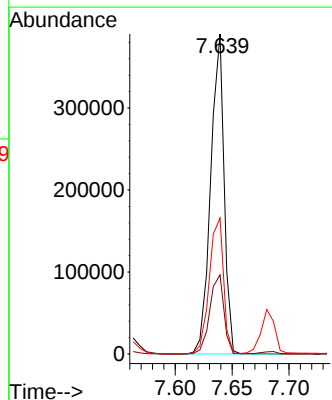
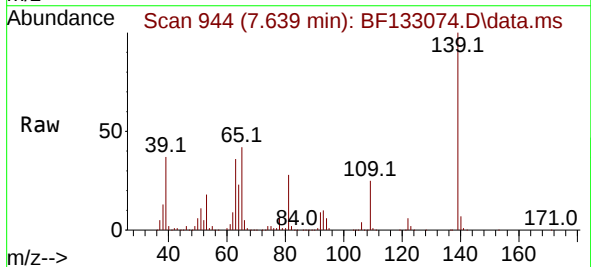
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

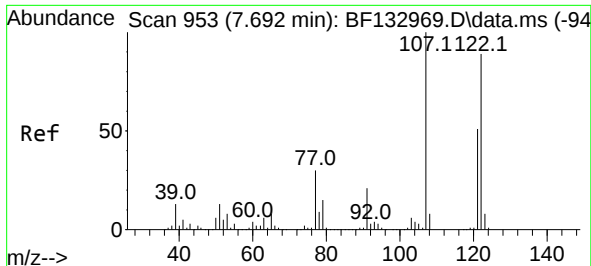
Tgt Ion: 82 Resp: 1081589
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 19.5 16.0 24.0



#26
2-Nitrophenol
Concen: 51.086 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion:139 Resp: 319696
Ion Ratio Lower Upper
139 100
109 24.7 21.6 32.4
65 42.4 39.8 59.6

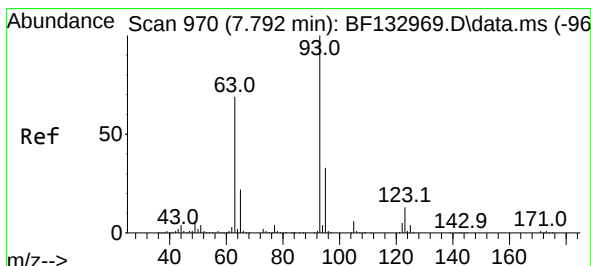
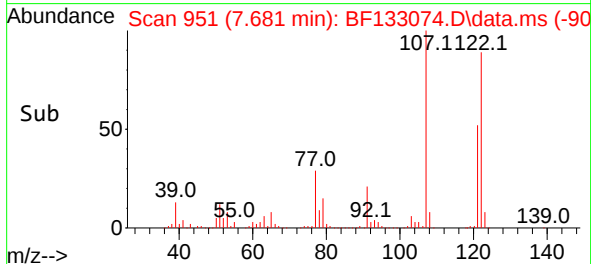
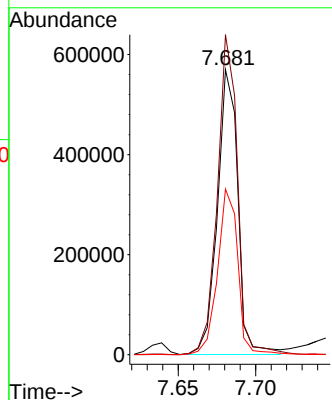
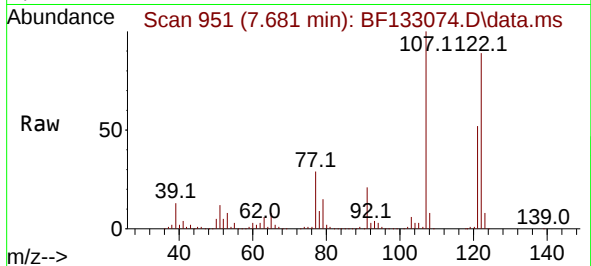




#27
2,4-Dimethylphenol
Concen: 48.626 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

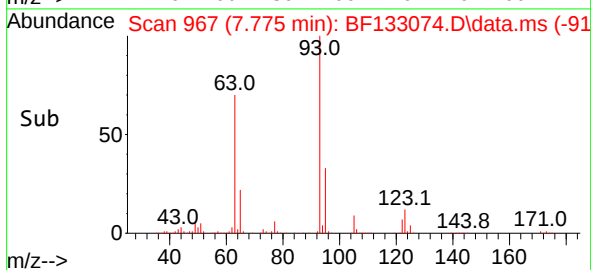
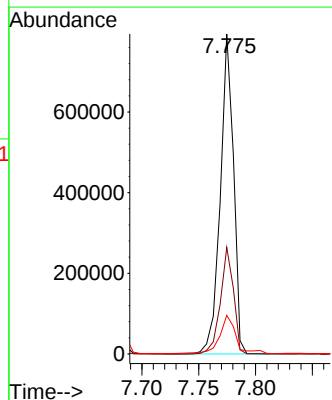
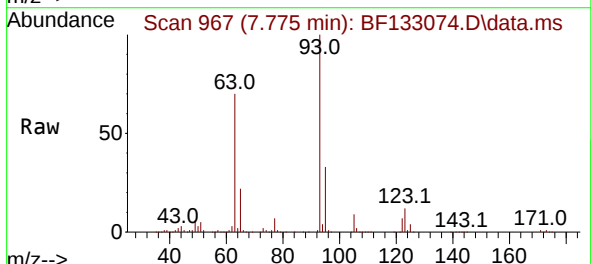
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

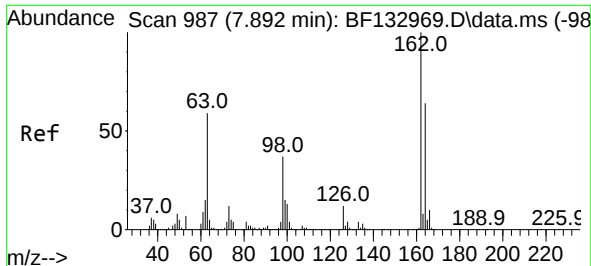
Tgt Ion:122 Resp: 521787
Ion Ratio Lower Upper
122 100
107 112.3 89.7 134.5
121 58.1 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 44.668 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion: 93 Resp: 642388
Ion Ratio Lower Upper
93 100
95 33.3 26.4 39.6
123 12.1 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 48.424 ng

RT: 7.880 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

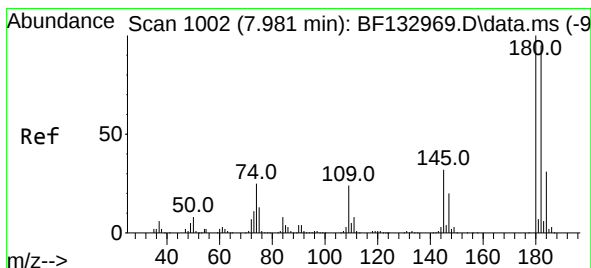
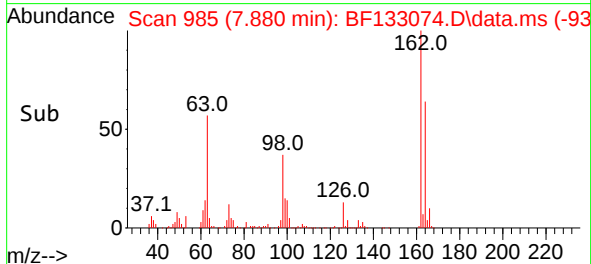
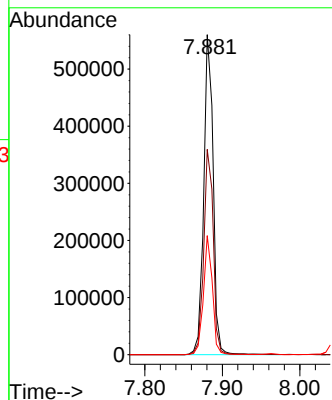
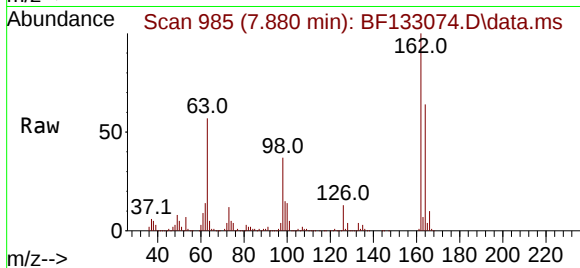
Tgt Ion:162 Resp: 473034

Ion Ratio Lower Upper

162 100

164 64.2 43.9 83.9

98 37.2 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 48.303 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

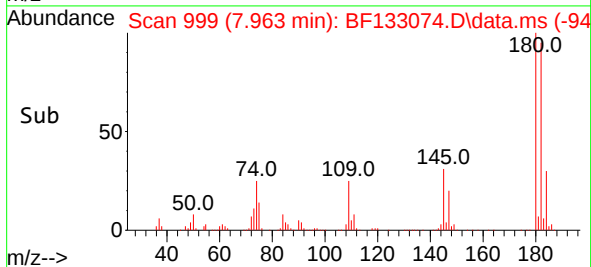
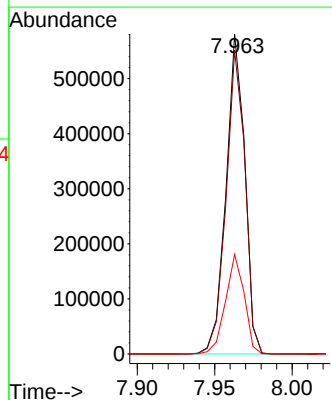
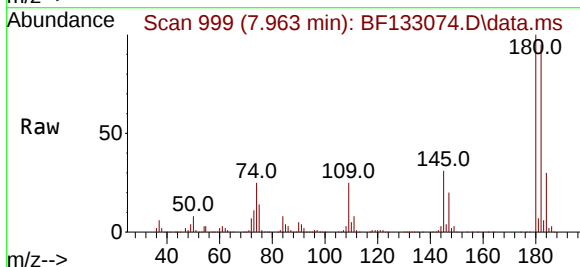
Tgt Ion:180 Resp: 488838

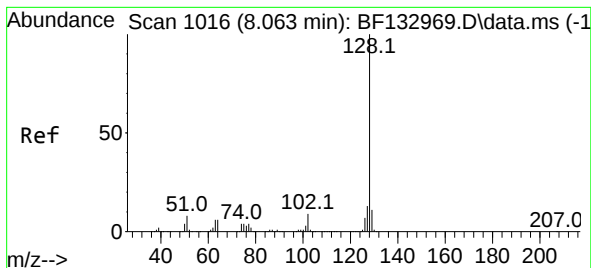
Ion Ratio Lower Upper

180 100

182 94.8 75.9 113.9

145 31.1 25.3 37.9





#31

Naphthalene

Concen: 46.028 ng

RT: 8.045 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

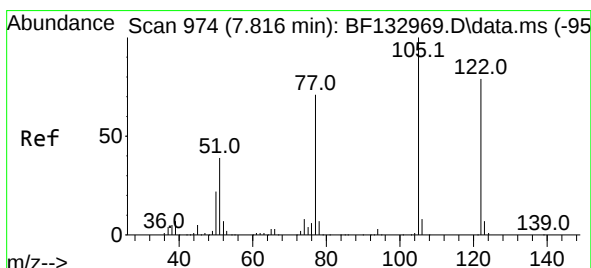
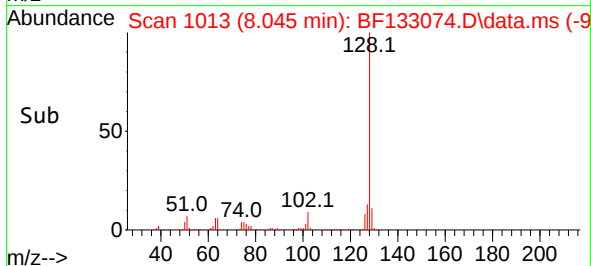
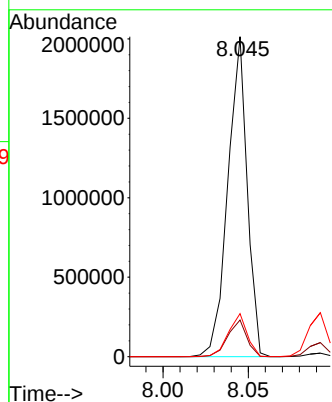
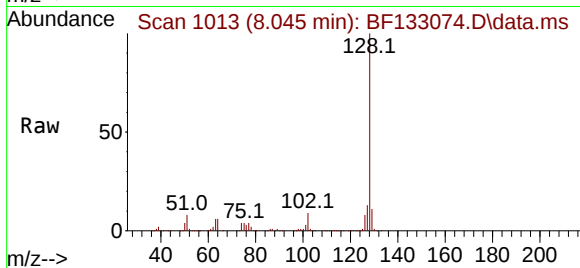
Tgt Ion:128 Resp: 1590417

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.4 10.7 16.1



#32

Benzoic acid

Concen: 37.824 ng

RT: 7.804 min Scan# 972

Delta R.T. 0.006 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

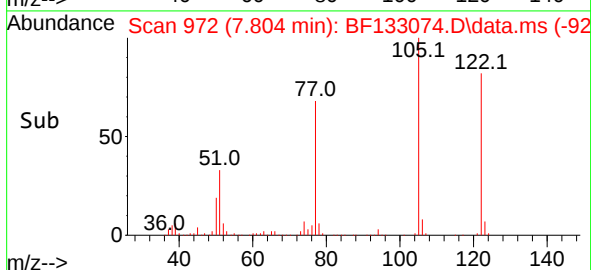
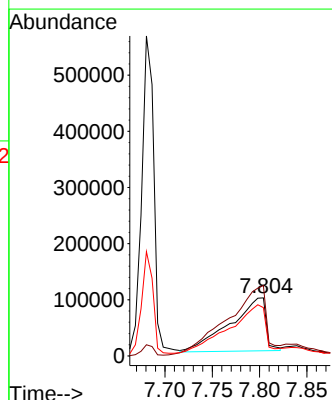
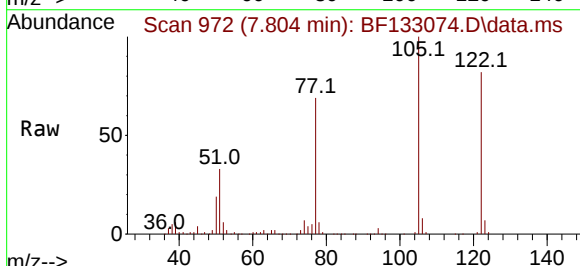
Tgt Ion:122 Resp: 250705

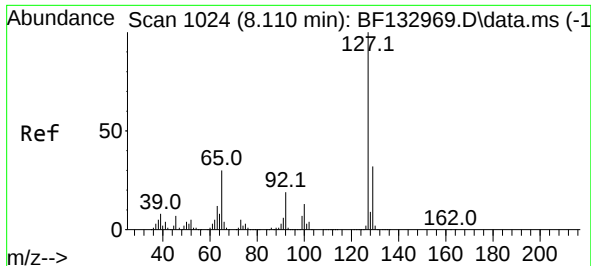
Ion Ratio Lower Upper

122 100

105 121.3 104.2 144.2

77 83.3 69.7 109.7

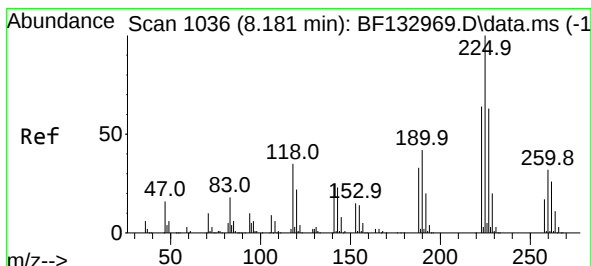
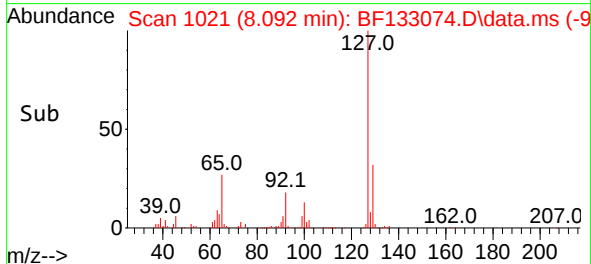
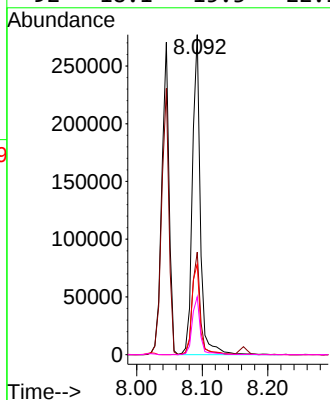
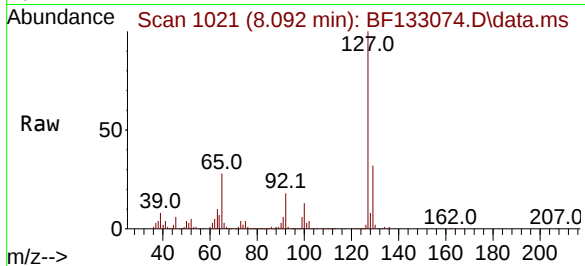




#33
4-Chloroaniline
Concen: 16.720 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

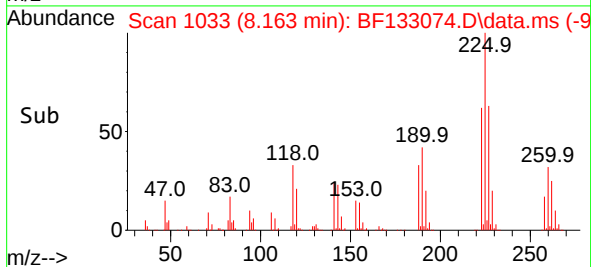
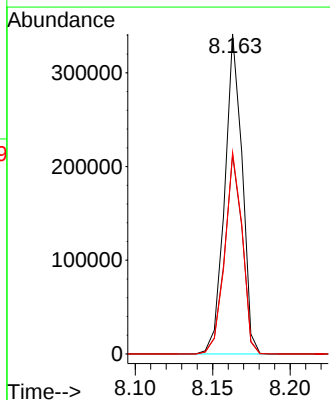
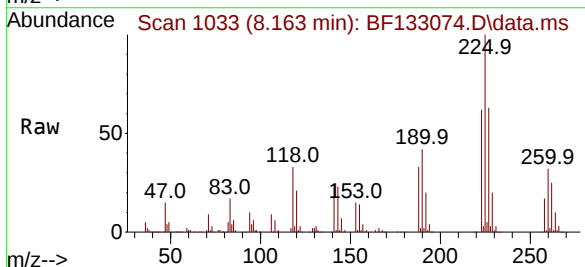
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

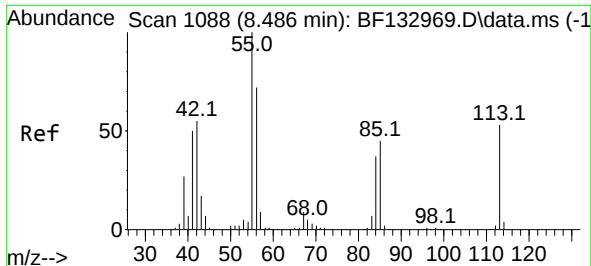
Tgt Ion:	127	Resp:	233430
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	28.2	23.6	35.4
92	18.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 47.513 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion:	225	Resp:	266505
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.9	76.3
227	63.0	50.3	75.5

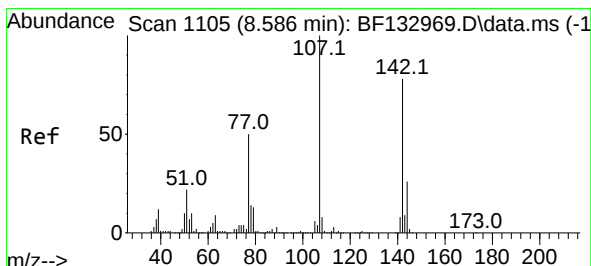
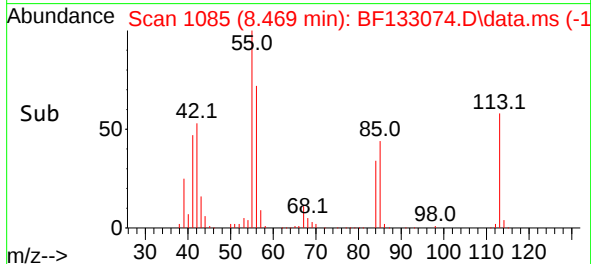
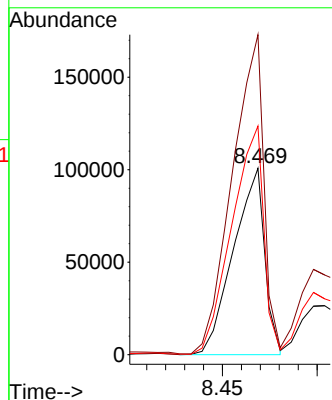
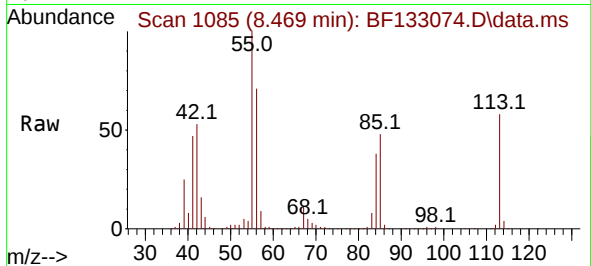




#35
 Caprolactam
 Concen: 35.122 ng
 RT: 8.469 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: BF133074.D
 Acq: 26 Apr 2023 20:02

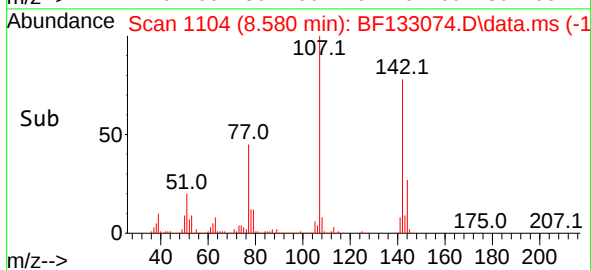
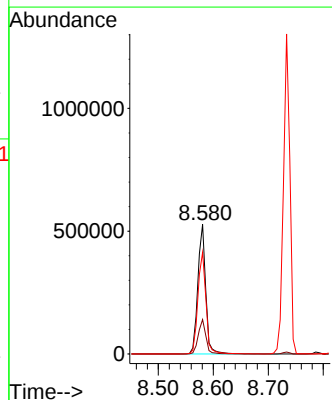
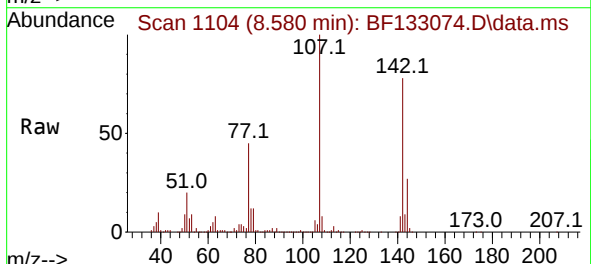
Instrument :
 BNA_F
 ClientSampleId :
 S2S-TP3MSD

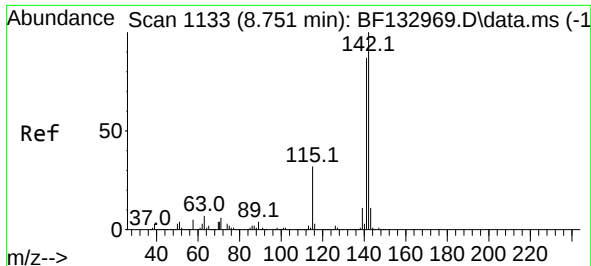
Tgt Ion:113 Resp: 115257
 Ion Ratio Lower Upper
 113 100
 55 171.7 167.1 207.1
 56 122.7 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 49.713 ng
 RT: 8.580 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: BF133074.D
 Acq: 26 Apr 2023 20:02

Tgt Ion:107 Resp: 523690
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.6 30.8
 142 78.4 62.8 94.2





#37

2-Methylnaphthalene

Concen: 44.899 ng

RT: 8.733 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

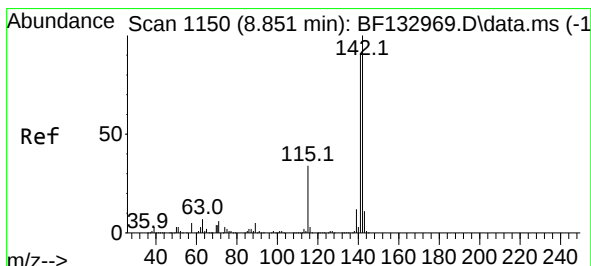
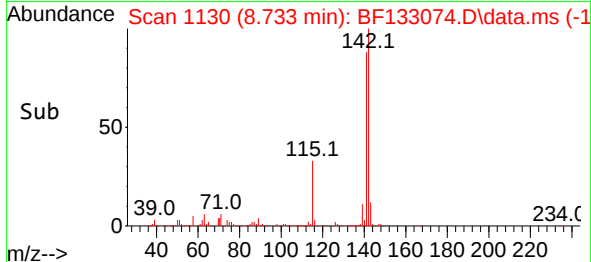
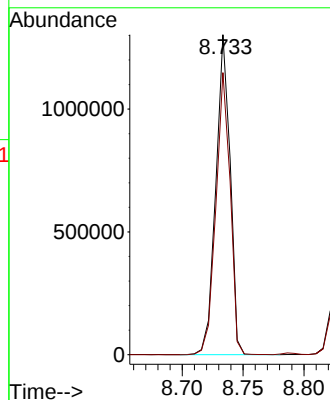
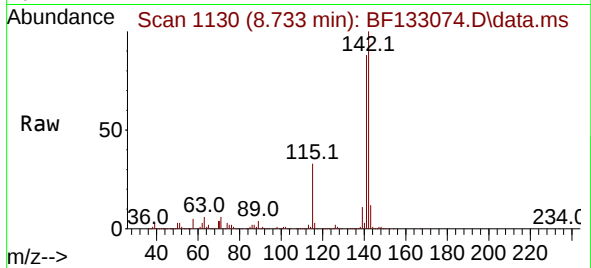
S2S-TP3MSD

Tgt Ion:142 Resp: 1060658

Ion Ratio Lower Upper

142 100

141 88.1 69.4 104.0



#38

1-Methylnaphthalene

Concen: 45.227 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF133074.D

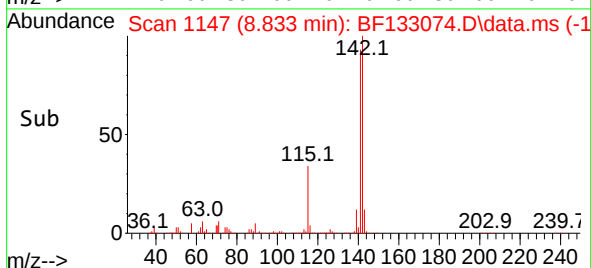
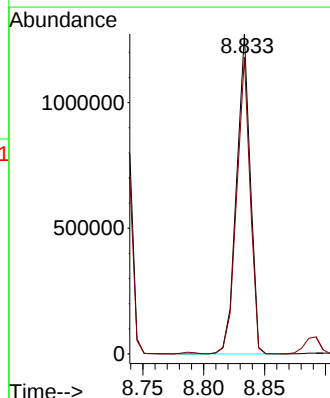
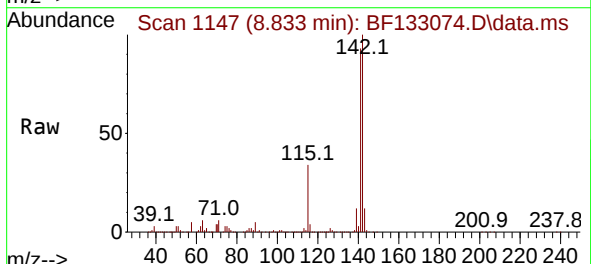
Acq: 26 Apr 2023 20:02

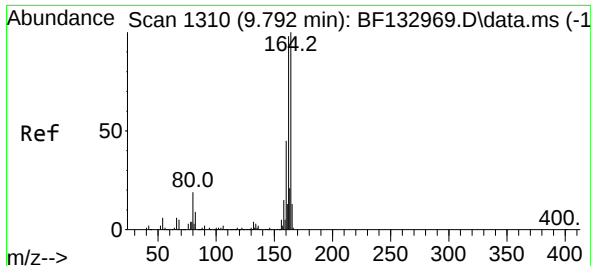
Tgt Ion:142 Resp: 999470

Ion Ratio Lower Upper

142 100

141 92.7 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

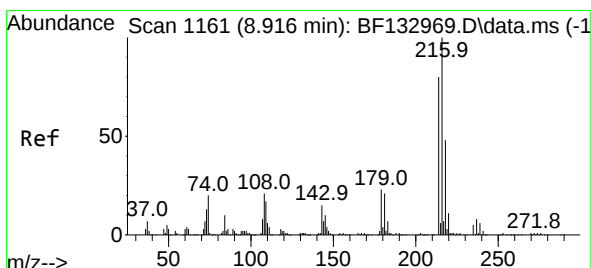
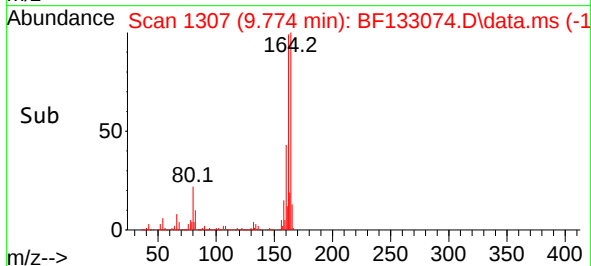
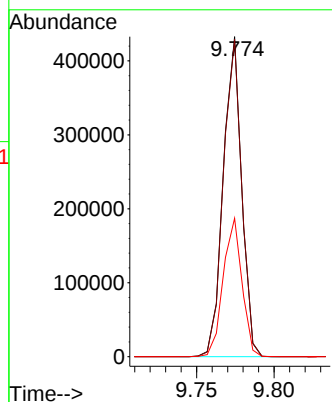
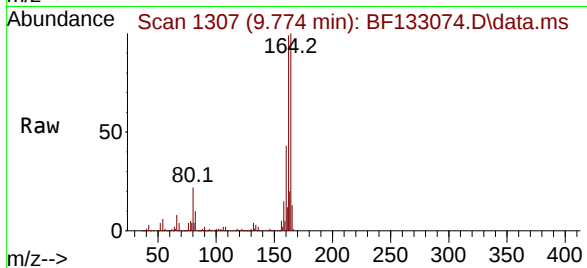
Tgt Ion:164 Resp: 356311

Ion Ratio Lower Upper

164 100

162 99.1 78.7 118.1

160 43.3 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.276 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Tgt Ion:216 Resp: 443336

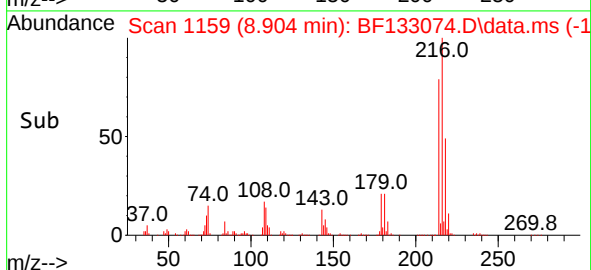
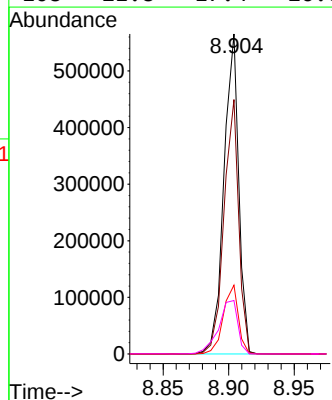
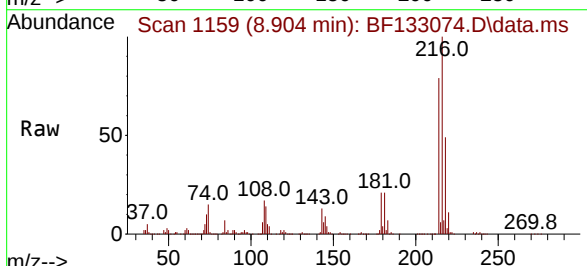
Ion Ratio Lower Upper

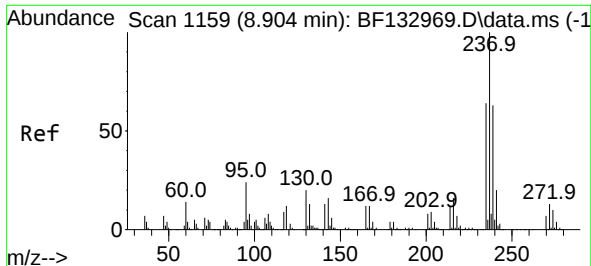
216 100

214 78.6 63.5 95.3

179 21.9 17.4 26.2

108 21.8 17.4 26.0

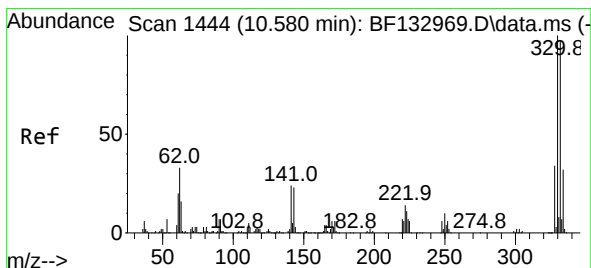
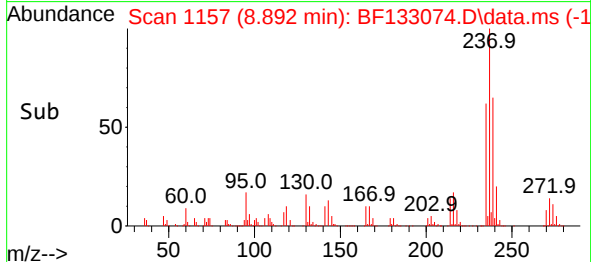
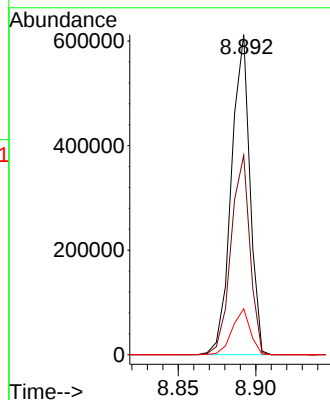
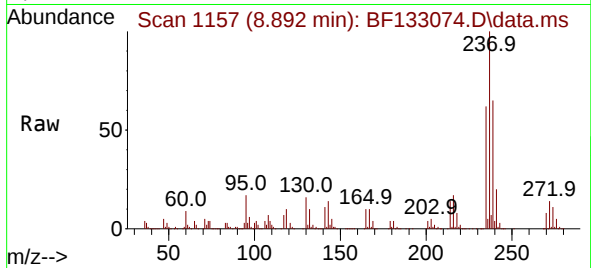




#41
Hexachlorocyclopentadiene
Concen: 91.109 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

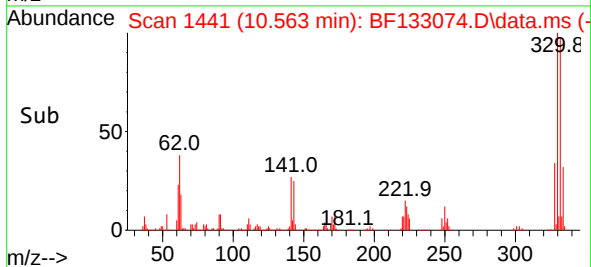
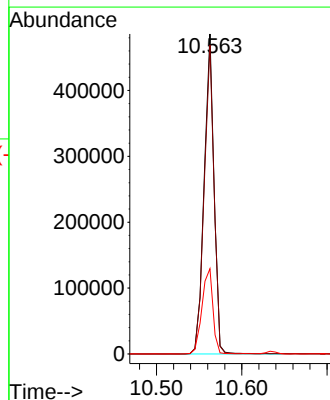
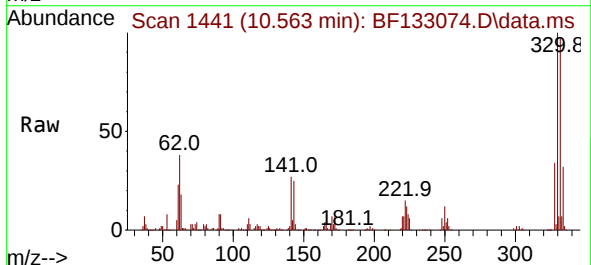
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

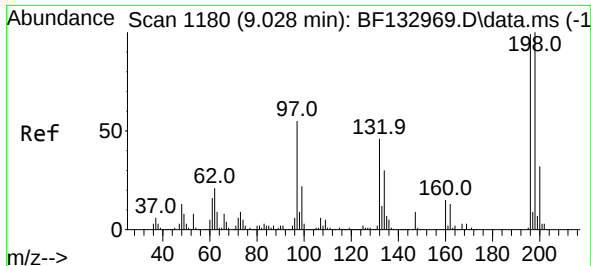
Tgt Ion:237 Resp: 509044
Ion Ratio Lower Upper
237 100
235 62.3 43.5 83.5
272 14.3 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 108.723 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion:330 Resp: 389596
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 29.7 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 49.231 ng

RT: 9.016 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

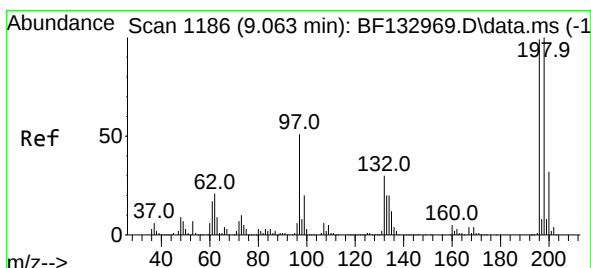
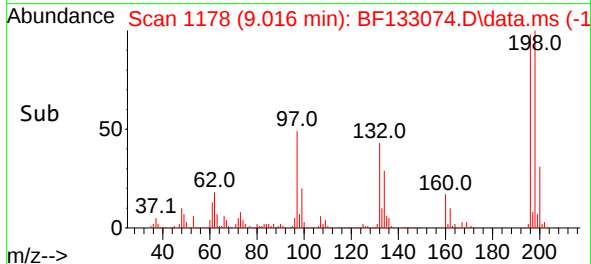
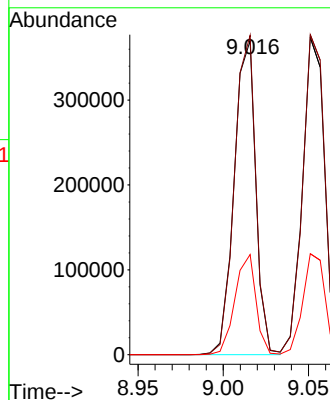
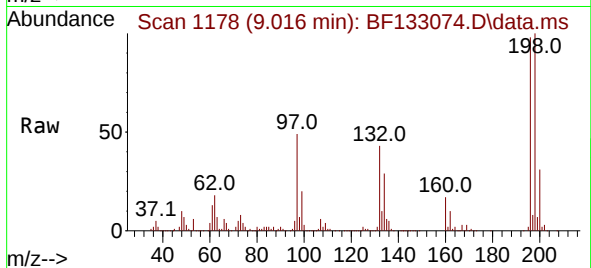
Tgt Ion:196 Resp: 326173

Ion Ratio Lower Upper

196 100

198 101.7 81.0 121.6

200 31.9 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 45.189 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Tgt Ion:196 Resp: 346255

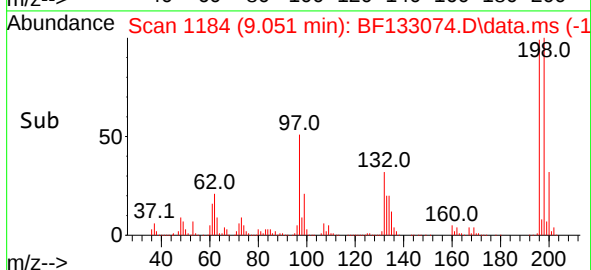
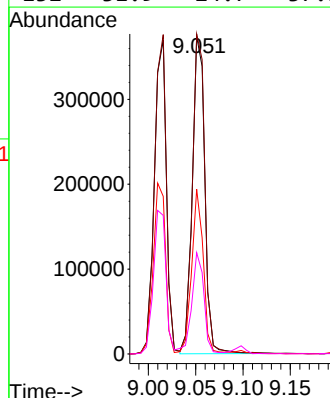
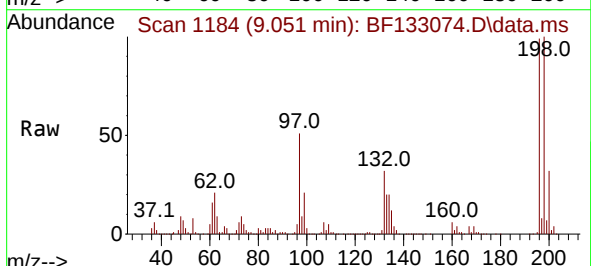
Ion Ratio Lower Upper

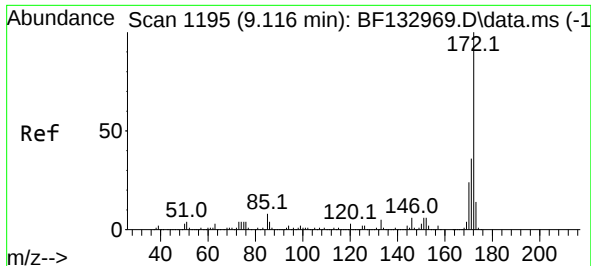
196 100

198 100.9 80.9 121.3

97 51.9 41.3 61.9

132 31.9 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 73.379 ng

RT: 9.098 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

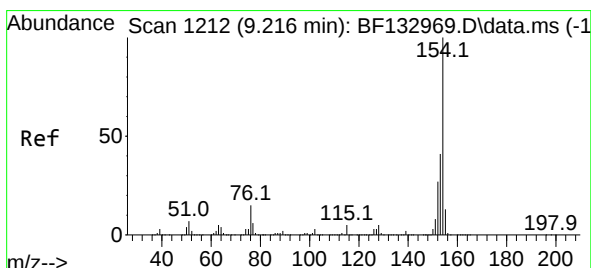
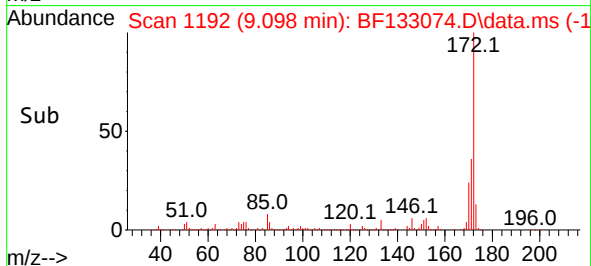
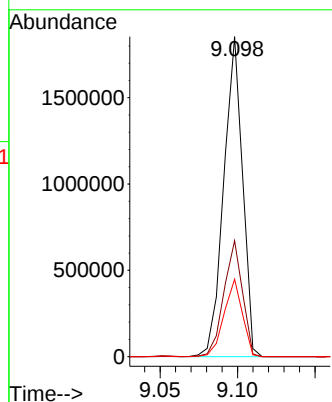
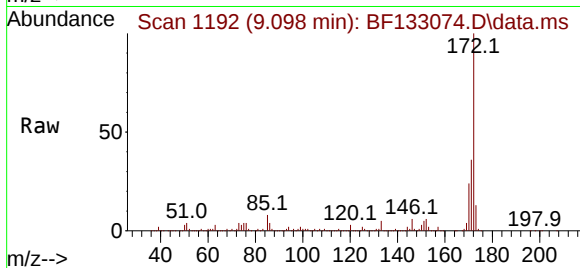
Tgt Ion:172 Resp: 1562805

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.2 19.4 29.2



#46

1,1'-Biphenyl

Concen: 46.181 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

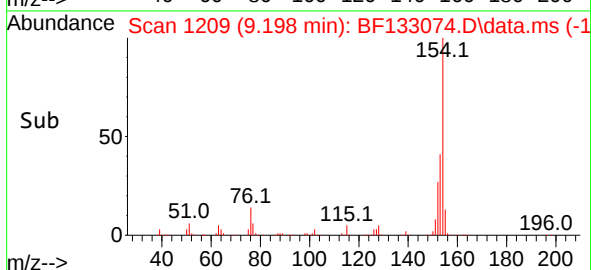
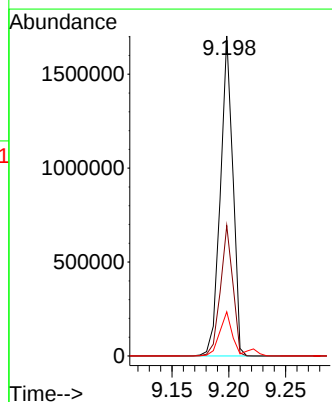
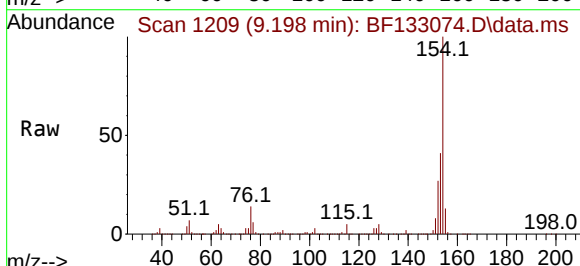
Tgt Ion:154 Resp: 1304779

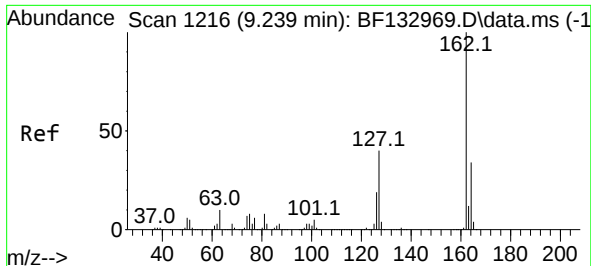
Ion Ratio Lower Upper

154 100

153 40.8 21.0 61.0

76 13.8 0.0 34.5





#47

2-Chloronaphthalene

Concen: 47.787 ng

RT: 9.222 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

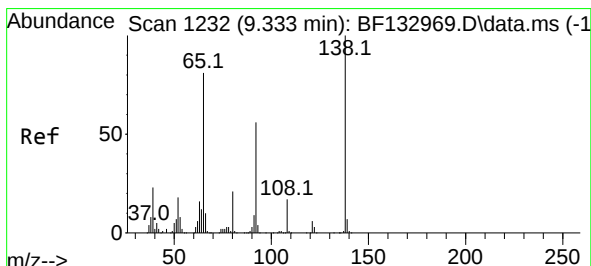
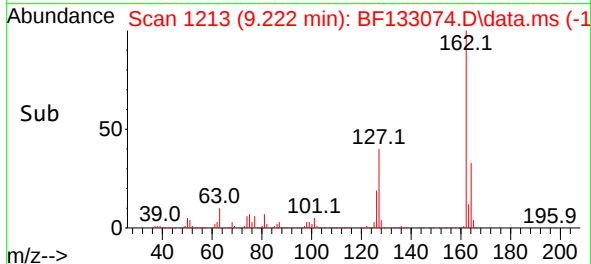
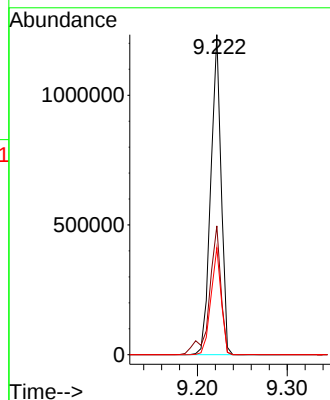
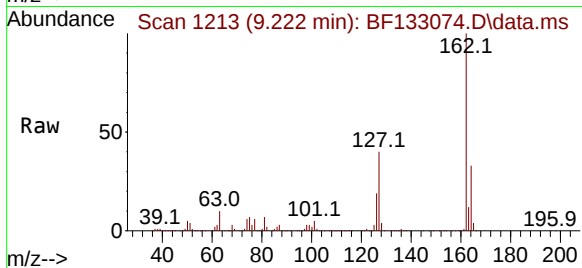
Tgt Ion:162 Resp: 988224

Ion Ratio Lower Upper

162 100

127 40.2 32.3 48.5

164 33.5 26.8 40.2



#48

2-Nitroaniline

Concen: 47.163 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

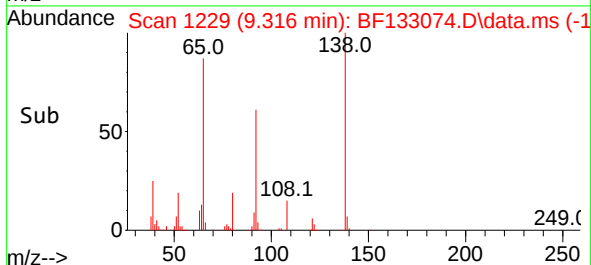
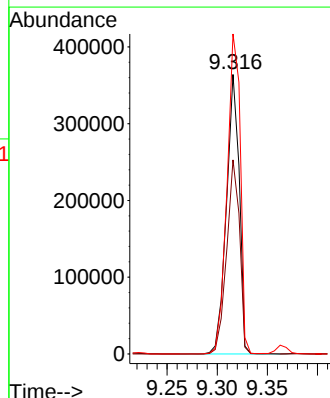
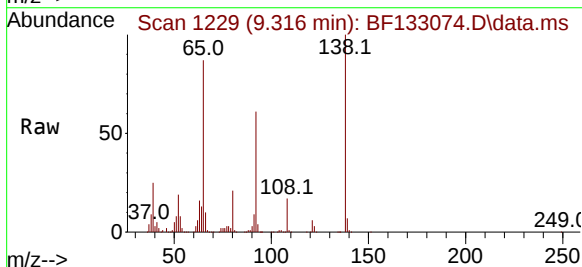
Tgt Ion: 65 Resp: 322344

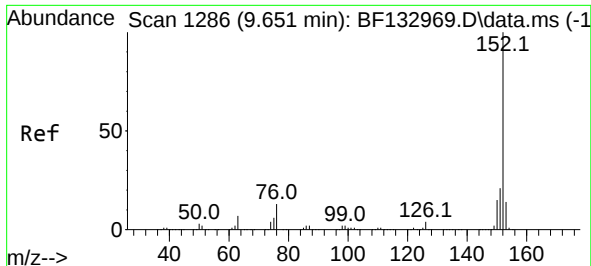
Ion Ratio Lower Upper

65 100

92 69.4 55.4 83.0

138 114.5 98.2 147.2





#49

Acenaphthylene

Concen: 46.910 ng

RT: 9.633 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

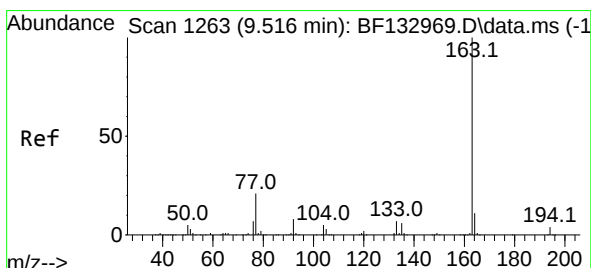
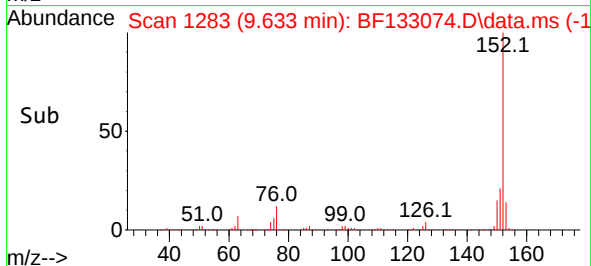
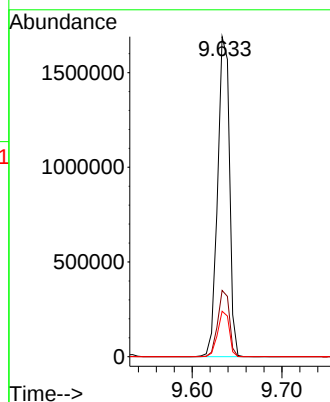
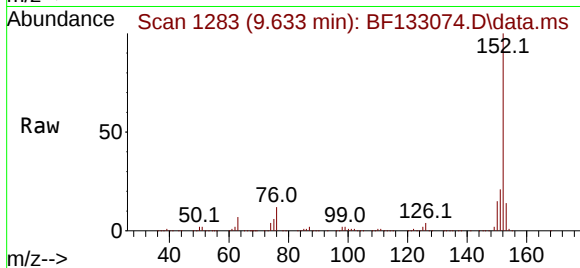
Tgt Ion:152 Resp: 1550059

Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

153 14.2 11.5 17.3



#50

Dimethylphthalate

Concen: 47.087 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

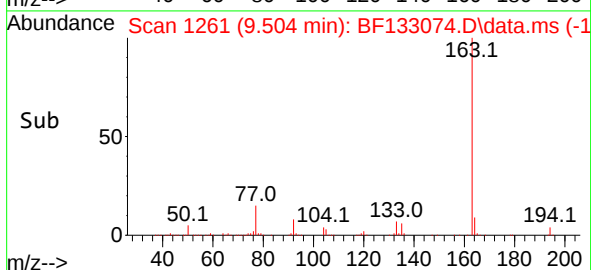
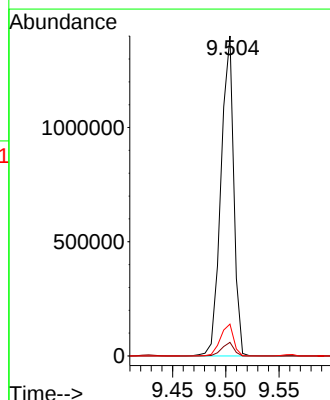
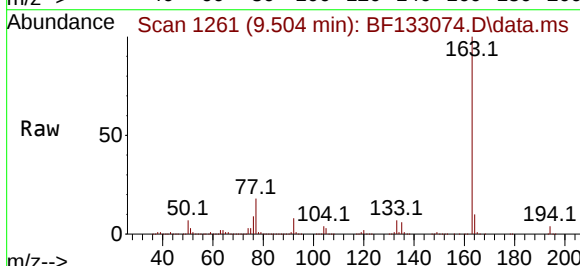
Tgt Ion:163 Resp: 1169879

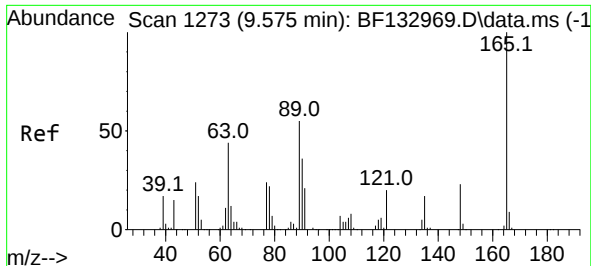
Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

164 10.0 8.5 12.7

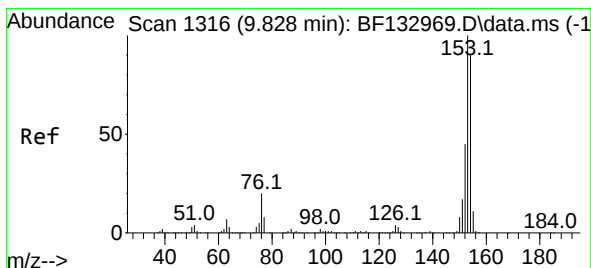
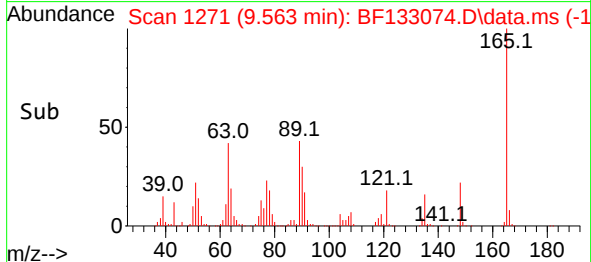
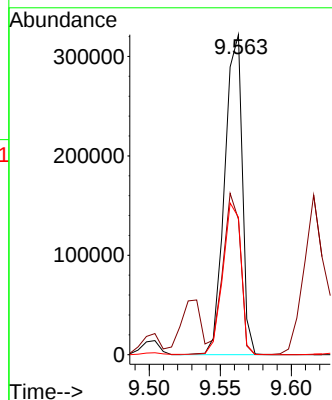
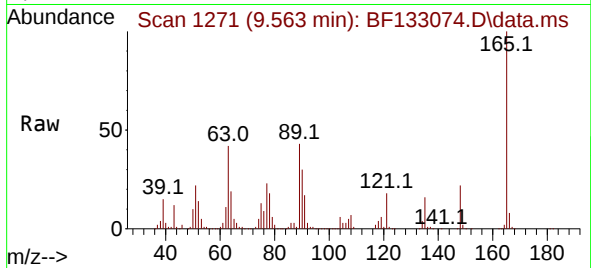




#51
2,6-Dinitrotoluene
Concen: 49.535 ng
RT: 9.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

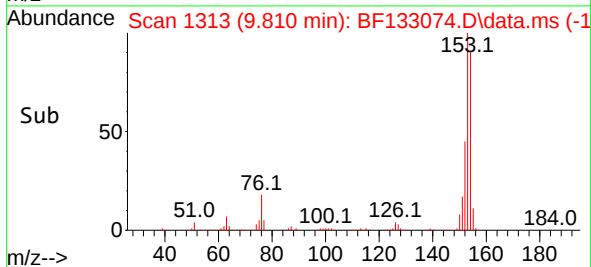
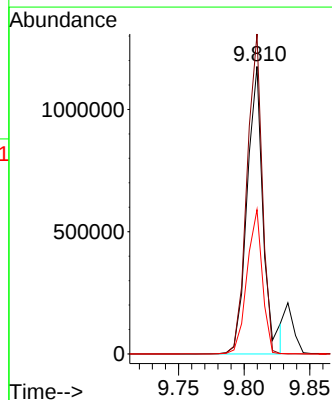
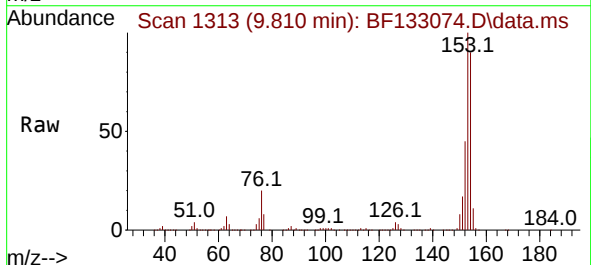
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

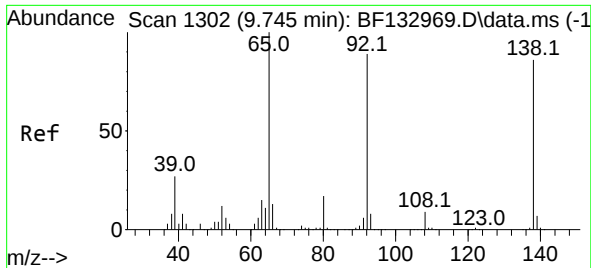
Tgt Ion:165 Resp: 276995
Ion Ratio Lower Upper
165 100
63 42.3 45.9 68.9#
89 42.9 44.0 66.0#



#52
Acenaphthene
Concen: 45.594 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion:154 Resp: 1009046
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.6
152 50.2 40.4 60.6

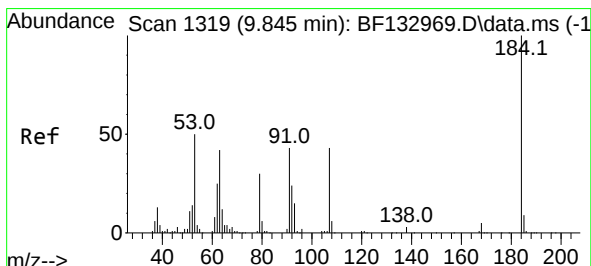
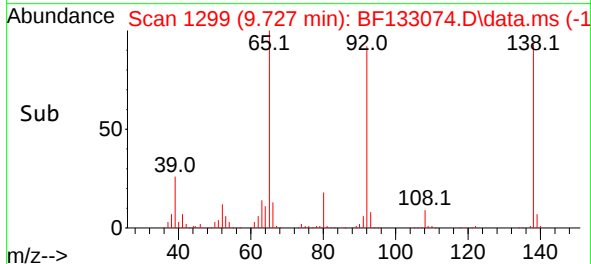
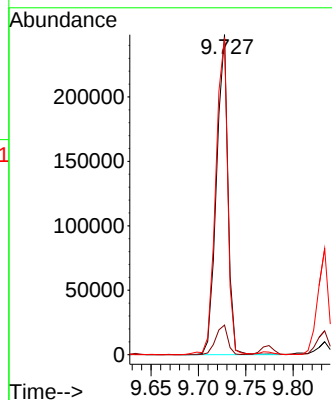
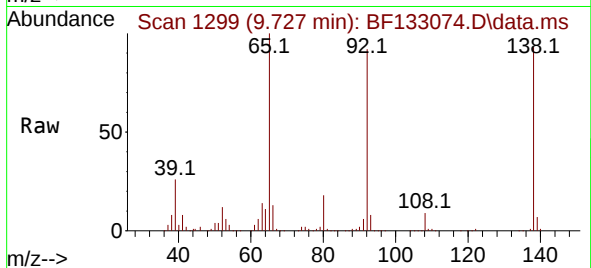




#53
3-Nitroaniline
Concen: 31.279 ng
RT: 9.727 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

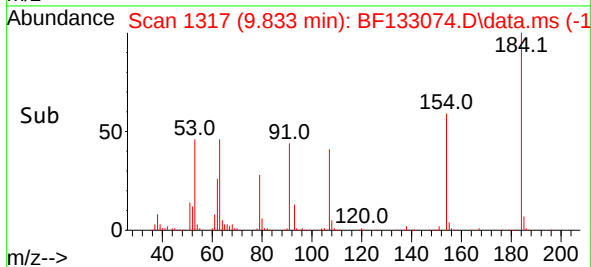
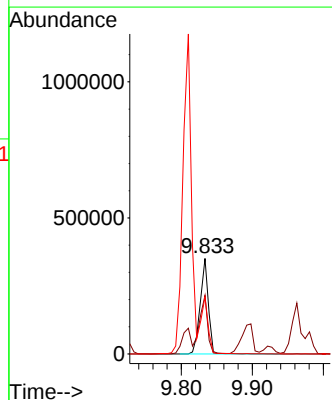
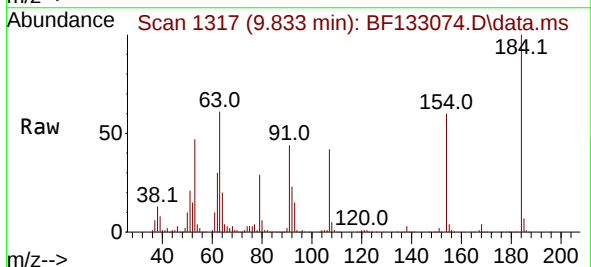
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

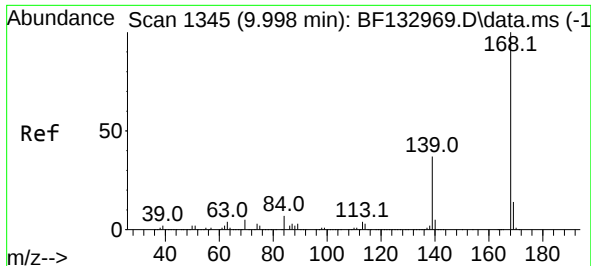
Tgt Ion:138 Resp: 207970
Ion Ratio Lower Upper
138 100
108 9.3 8.0 12.0
92 99.1 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 101.147 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion:184 Resp: 284303
Ion Ratio Lower Upper
184 100
63 61.2 49.8 74.8
154 59.6 49.5 74.3





#55

Dibenzenofuran

Concen: 46.239 ng

RT: 9.980 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

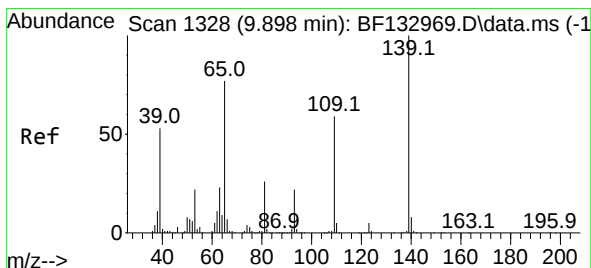
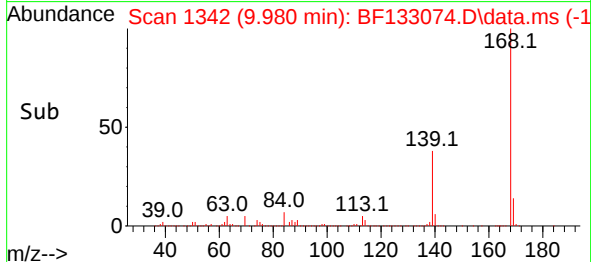
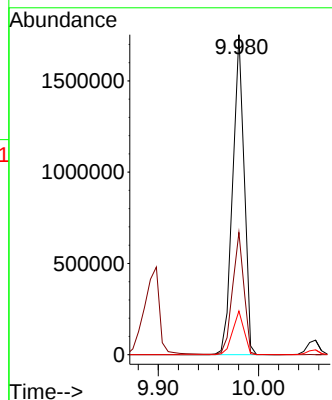
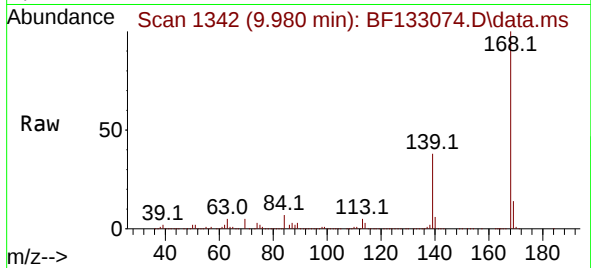
Tgt Ion:168 Resp: 1395897

Ion Ratio Lower Upper

168 100

139 38.2 29.8 44.8

169 13.6 10.8 16.2



#56

4-Nitrophenol

Concen: 98.164 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.012 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

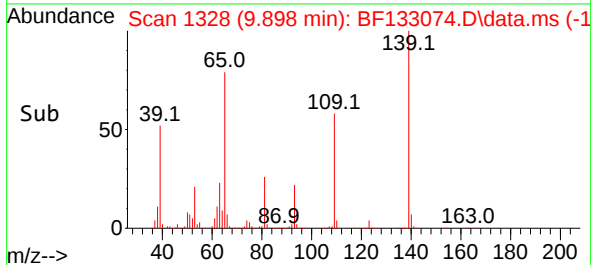
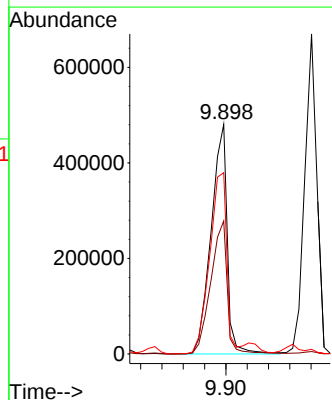
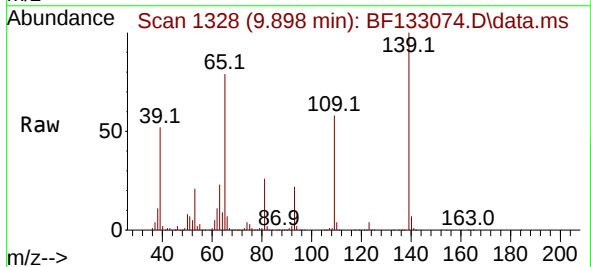
Tgt Ion:139 Resp: 505519

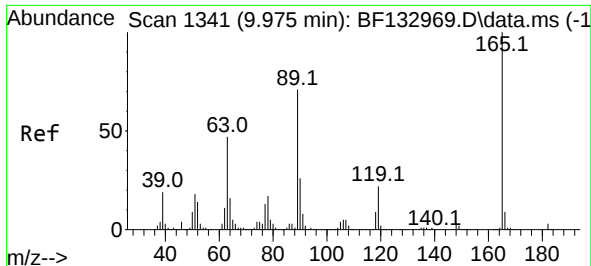
Ion Ratio Lower Upper

139 100

109 57.9 39.4 79.4

65 79.0 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 51.500 ng

RT: 9.963 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

Tgt Ion:165 Resp: 367261

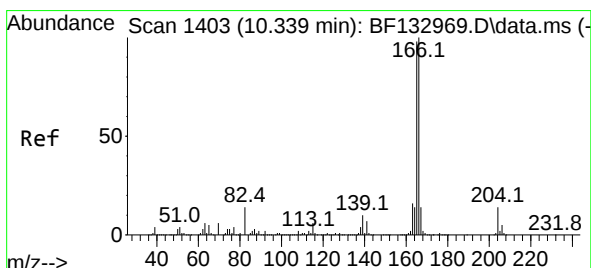
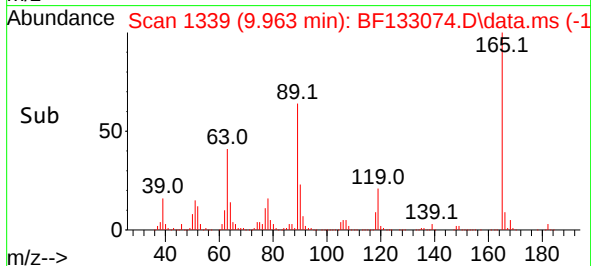
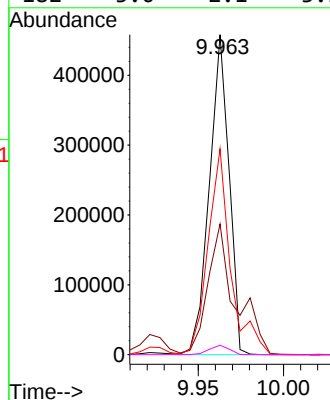
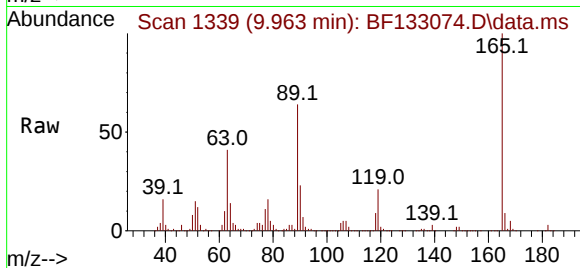
Ion Ratio Lower Upper

165 100

63 40.8 37.7 56.5

89 64.4 57.0 85.4

182 3.0 2.1 3.1



#58

Fluorene

Concen: 46.632 ng

RT: 10.322 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

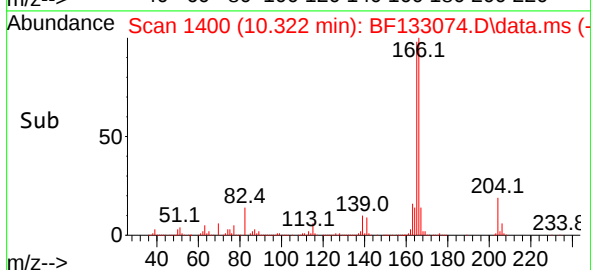
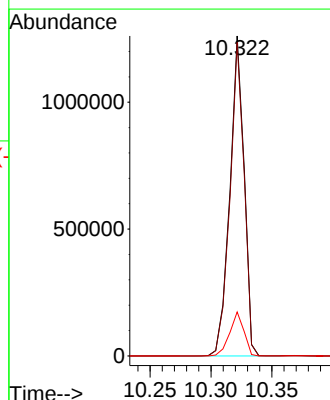
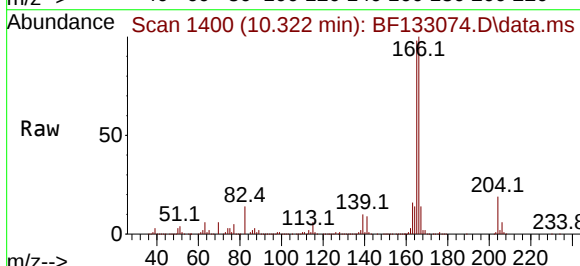
Tgt Ion:166 Resp: 1031387

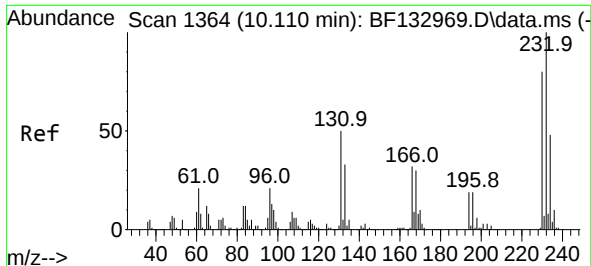
Ion Ratio Lower Upper

166 100

165 98.0 78.6 117.8

167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.269 ng

RT: 10.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

Tgt Ion:232 Resp: 292674

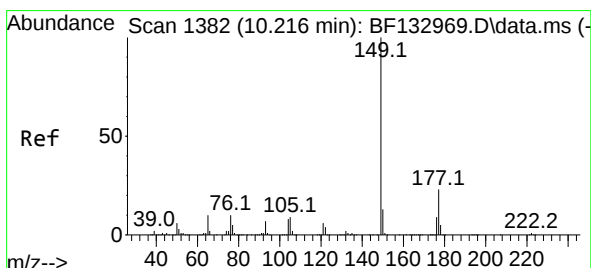
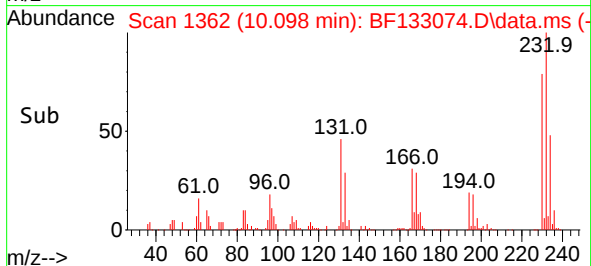
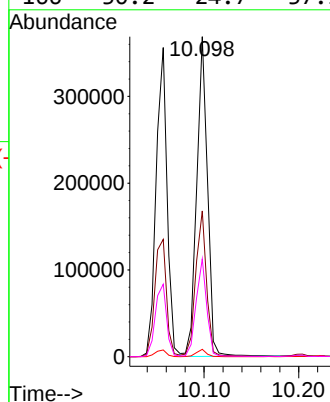
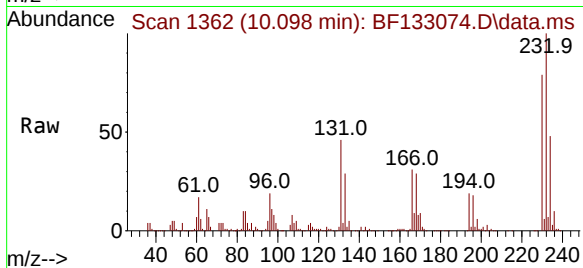
Ion Ratio Lower Upper

232 100

131 45.9 38.0 57.0

130 2.2 1.8 2.8

166 30.2 24.7 37.1



#60

Diethylphthalate

Concen: 46.871 ng

RT: 10.204 min Scan# 1380

Delta R.T. 0.006 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

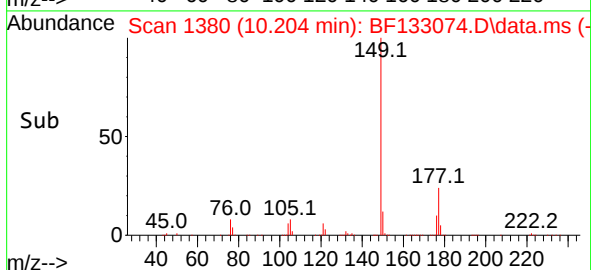
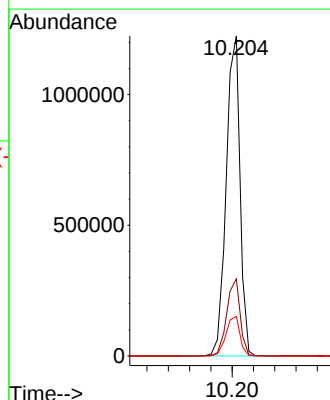
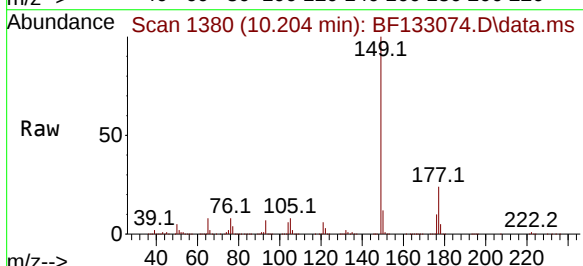
Tgt Ion:149 Resp: 1099935

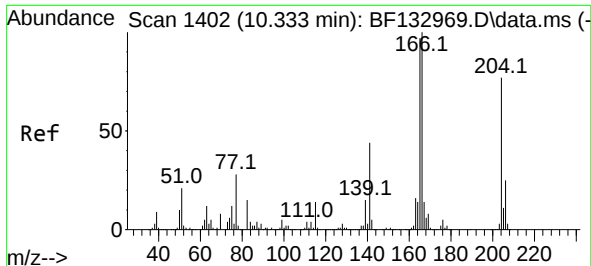
Ion Ratio Lower Upper

149 100

177 24.1 18.2 27.4

150 12.4 10.2 15.4

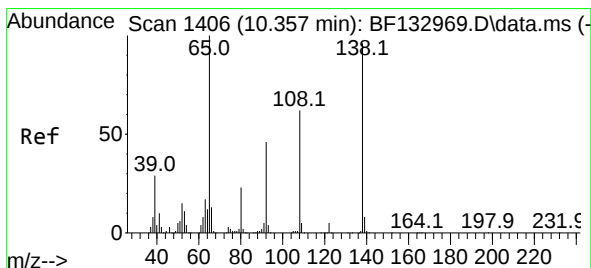
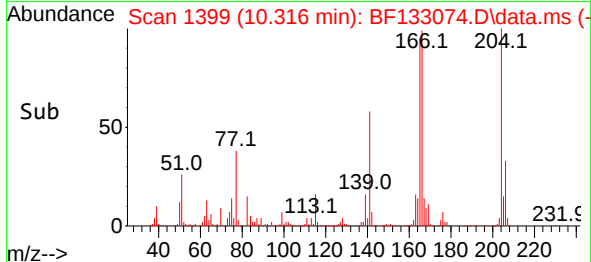
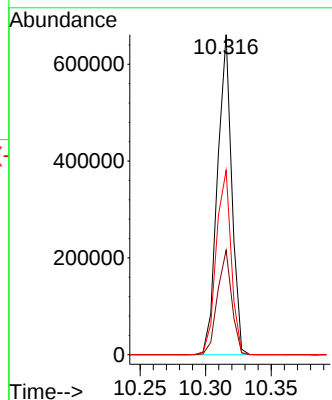
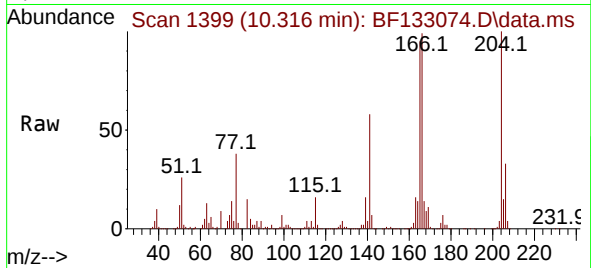




#61
4-Chlorophenyl-phenylether
Concen: 46.307 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

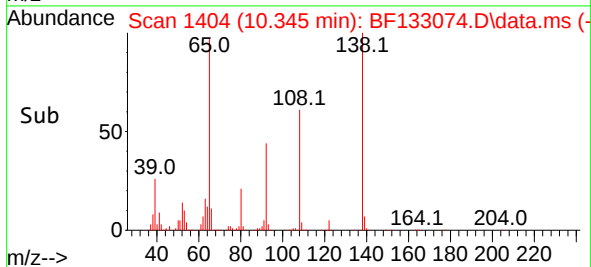
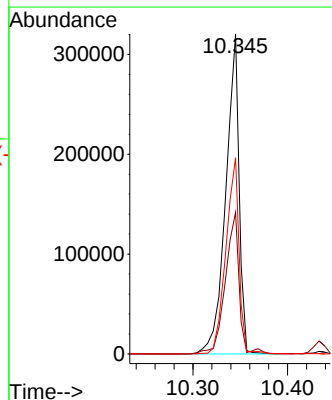
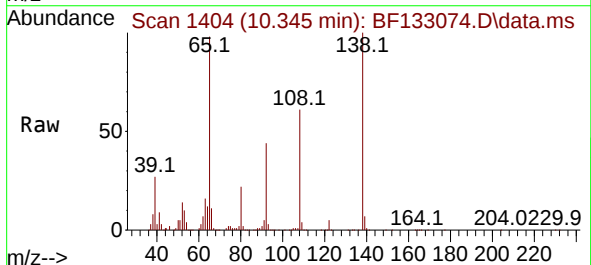
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

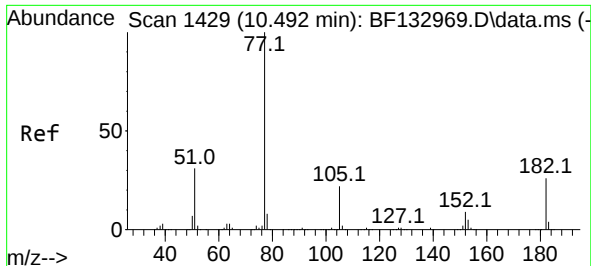
Tgt Ion:204 Resp: 499105
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 57.6 46.1 69.1



#62
4-Nitroaniline
Concen: 51.593 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion:138 Resp: 315288
Ion Ratio Lower Upper
138 100
92 44.2 27.7 67.7
108 61.3 45.2 85.2

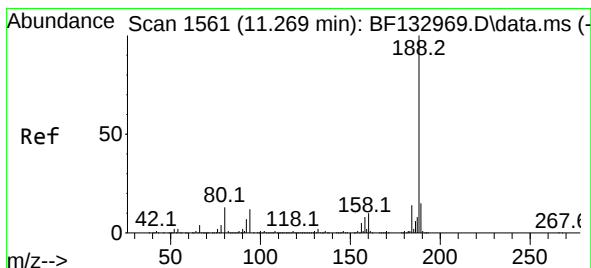
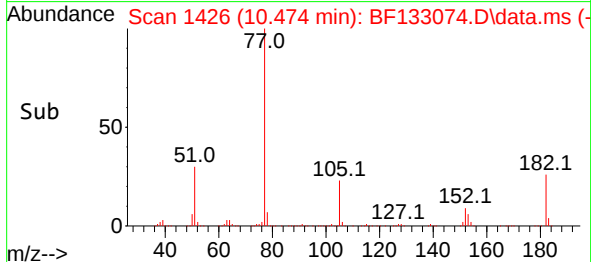
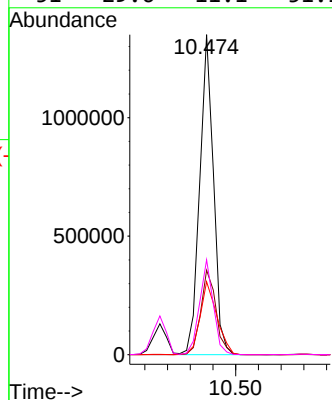
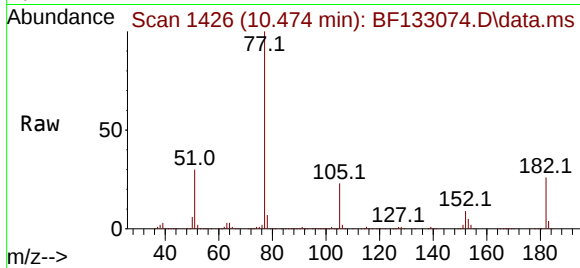




#63
Azobenzene
Concen: 45.804 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

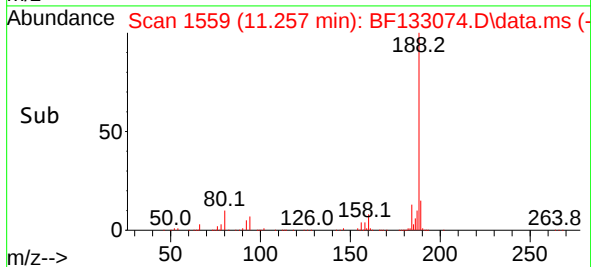
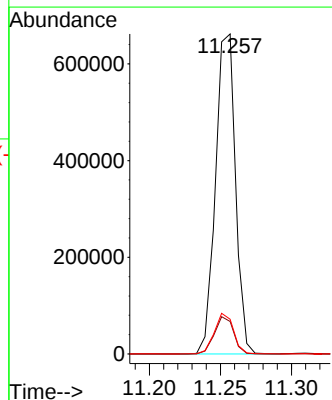
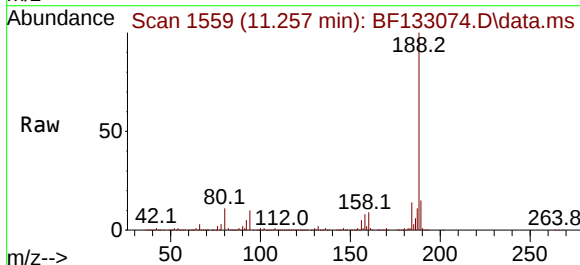
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

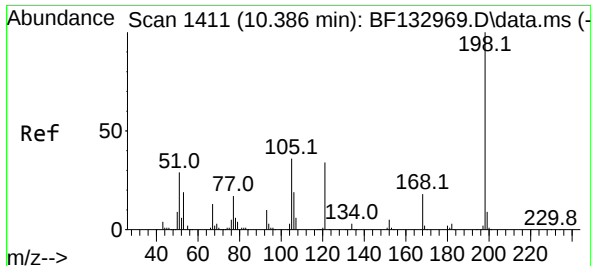
Tgt Ion: 77 Resp: 1138687
Ion Ratio Lower Upper
77 100
182 26.4 5.9 45.9
105 22.8 2.3 42.3
51 29.6 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion: 188 Resp: 645956
Ion Ratio Lower Upper
188 100
94 10.1 9.7 14.5
80 10.9 10.4 15.6

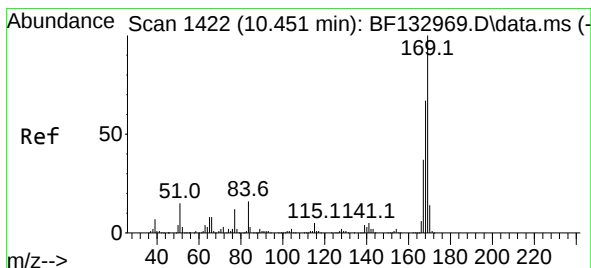
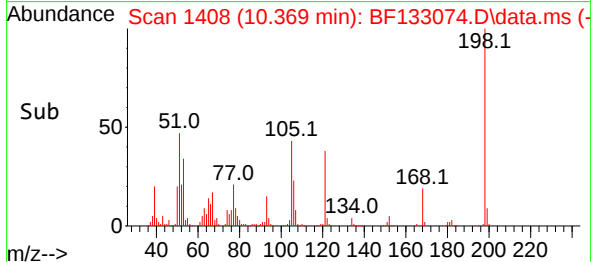
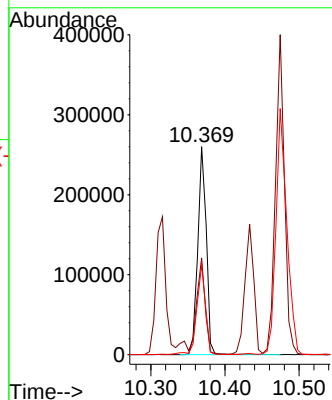
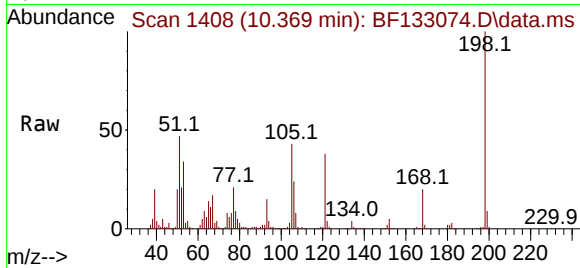




#65
4,6-Dinitro-2-methylphenol
Concen: 52.922 ng
RT: 10.369 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

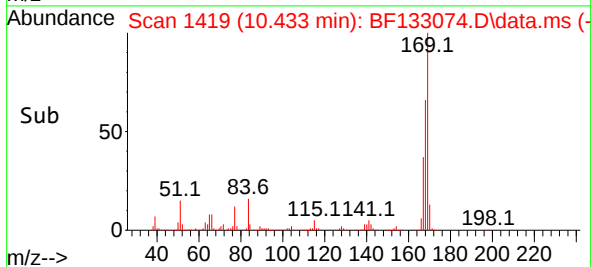
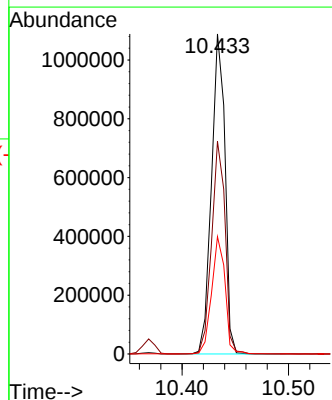
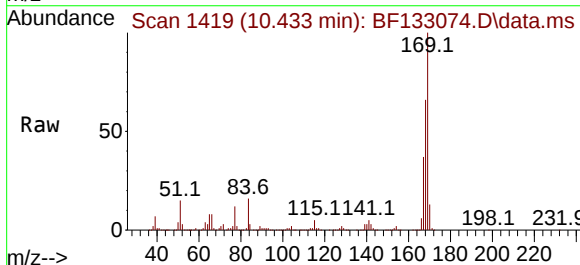
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

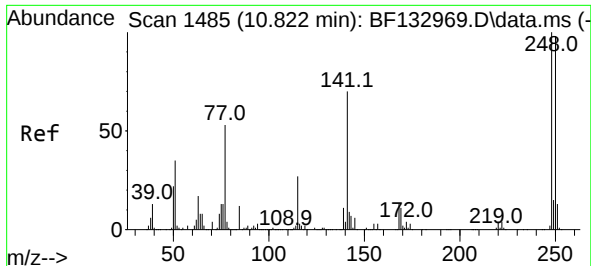
Tgt Ion:198 Resp: 207206
Ion Ratio Lower Upper
198 100
51 46.5 15.5 55.5
105 43.2 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 45.893 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion:169 Resp: 961597
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.8
167 36.6 29.7 44.5

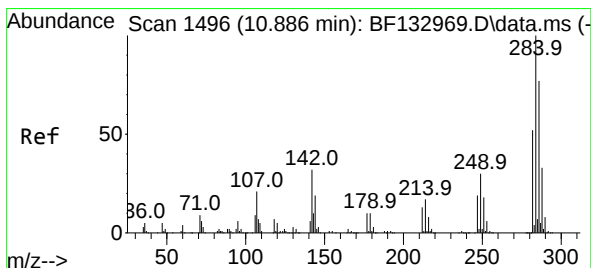
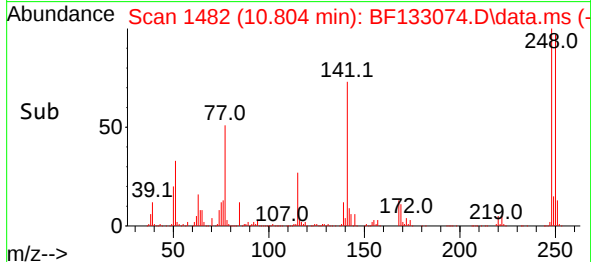
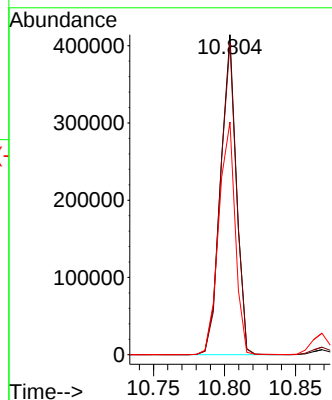
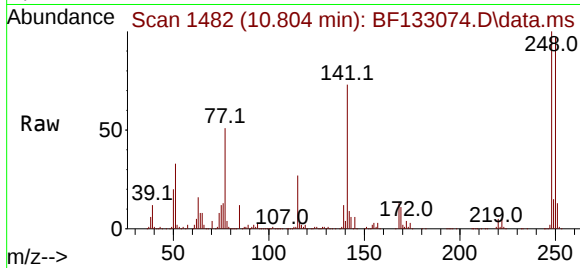




#67
4-Bromophenyl-phenylether
Concen: 45.712 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

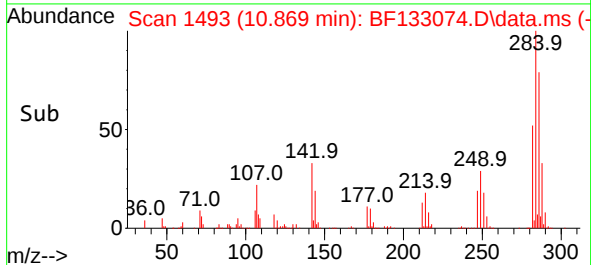
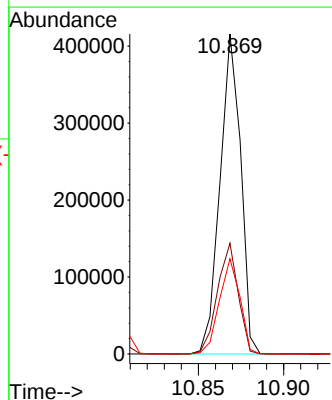
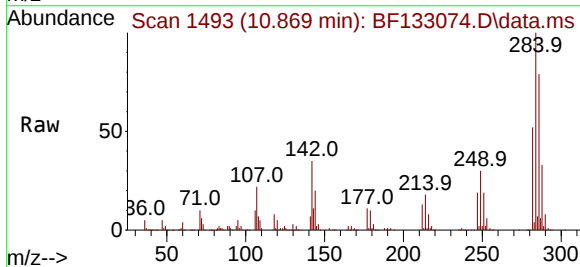
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

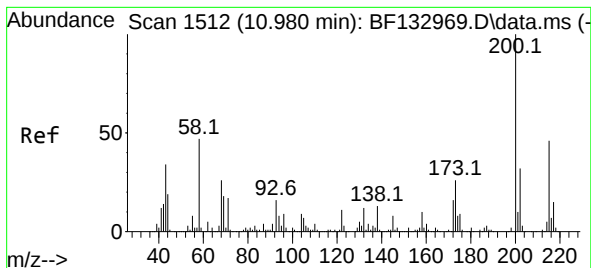
Tgt Ion:248 Resp: 320249
Ion Ratio Lower Upper
248 100
250 97.5 78.7 118.1
141 72.7 56.3 84.5



#68
Hexachlorobenzene
Concen: 48.873 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion:284 Resp: 350849
Ion Ratio Lower Upper
284 100
142 34.6 26.0 39.0
249 29.7 23.7 35.5





#69

Atrazine

Concen: 55.298 ng

RT: 10.963 min Scan# 1509

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

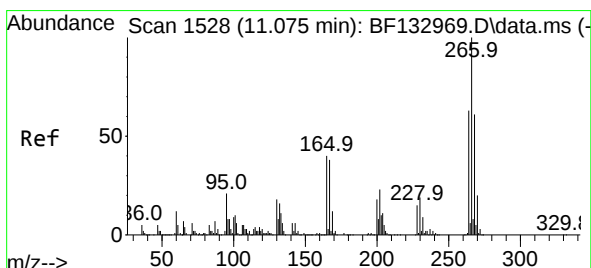
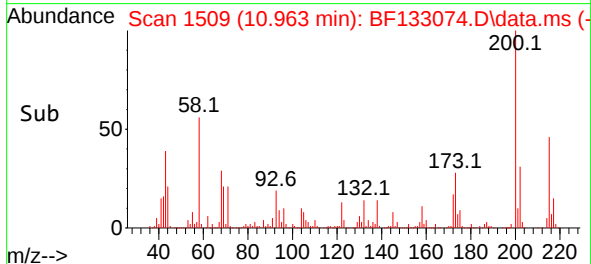
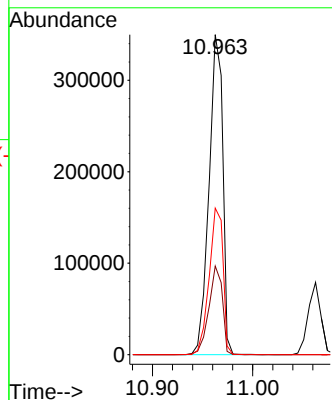
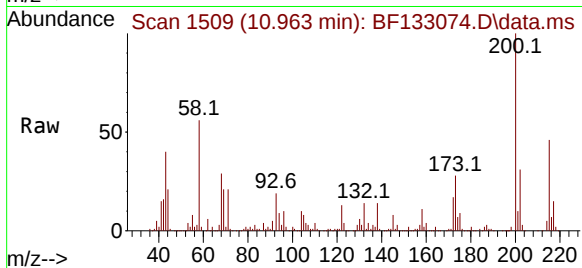
Tgt Ion:200 Resp: 333864

Ion Ratio Lower Upper

200 100

173 27.7 6.2 46.2

215 45.8 26.3 66.3



#70

Pentachlorophenol

Concen: 78.656 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

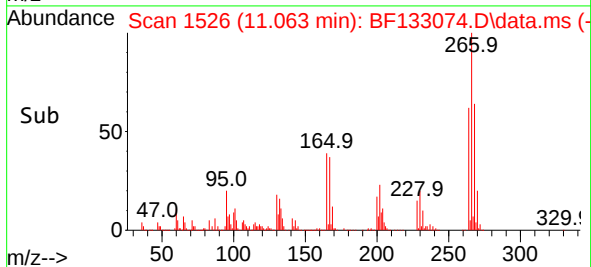
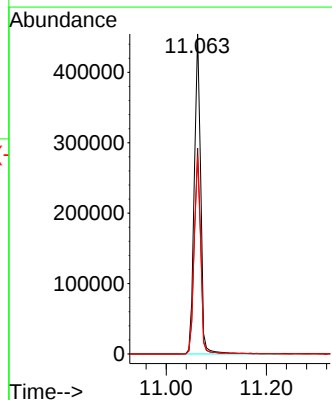
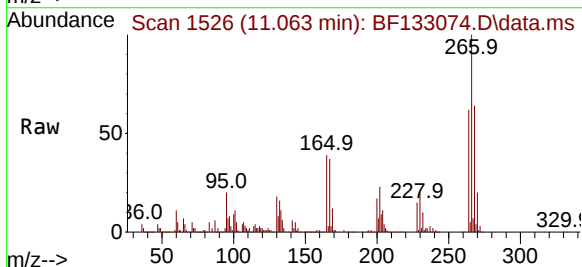
Tgt Ion:266 Resp: 402138

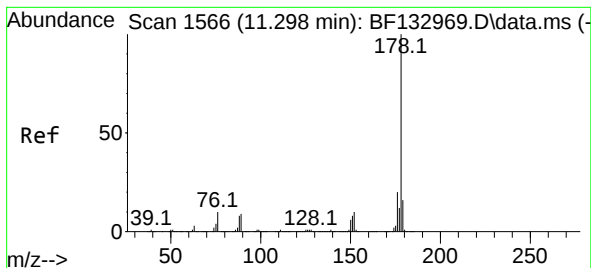
Ion Ratio Lower Upper

266 100

268 64.3 48.8 73.2

264 61.7 50.6 76.0





#71

Phenanthrene

Concen: 45.684 ng

RT: 11.280 min Scan# 1563

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

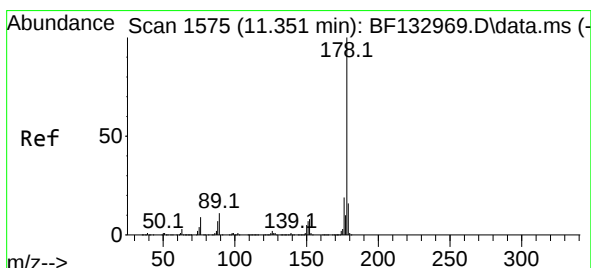
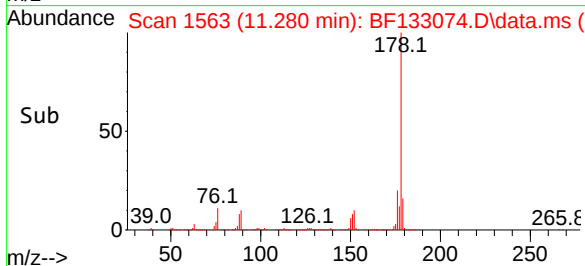
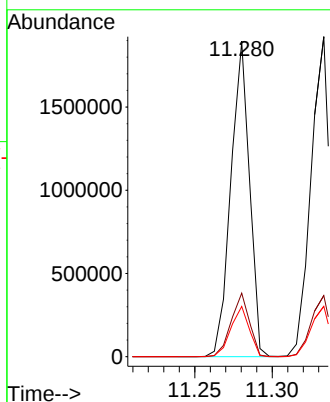
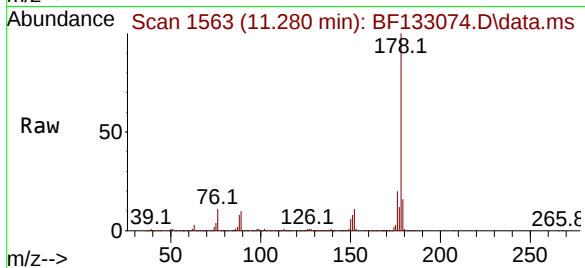
Tgt Ion:178 Resp: 1586059

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

179 15.9 12.5 18.7



#72

Anthracene

Concen: 46.295 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

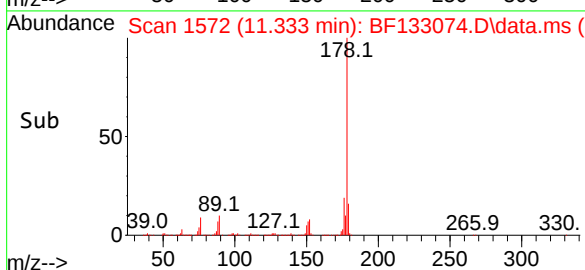
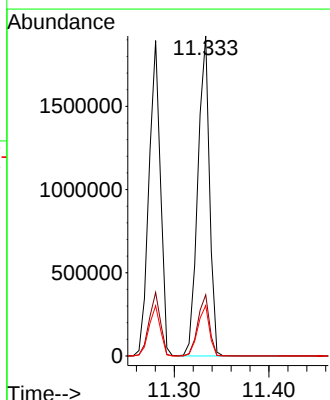
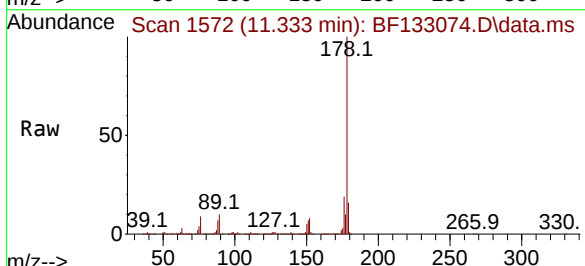
Tgt Ion:178 Resp: 1644887

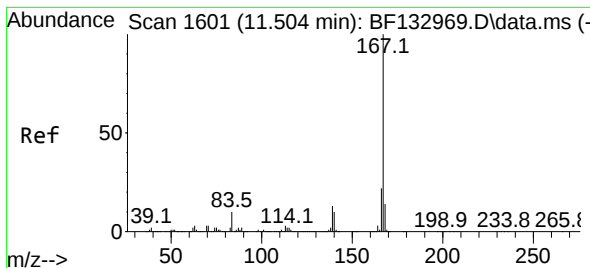
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.8 12.4 18.6





#73

Carbazole

Concen: 47.080 ng

RT: 11.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

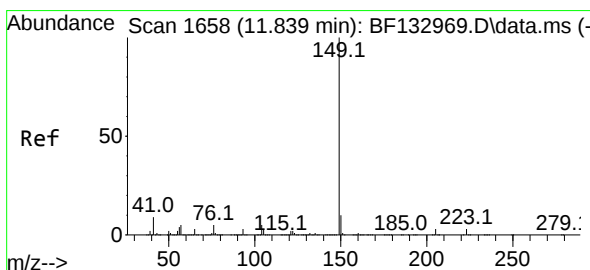
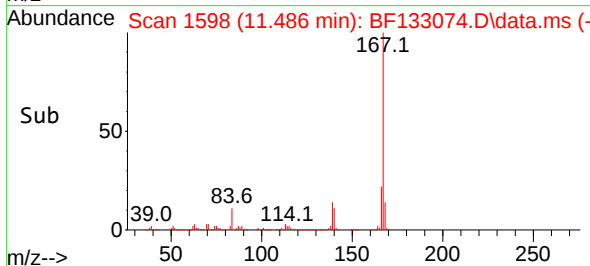
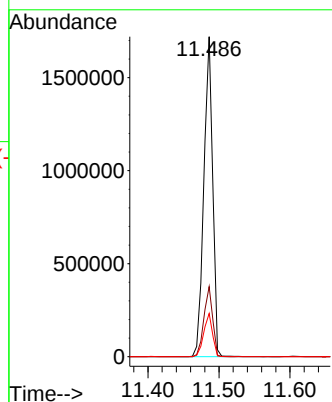
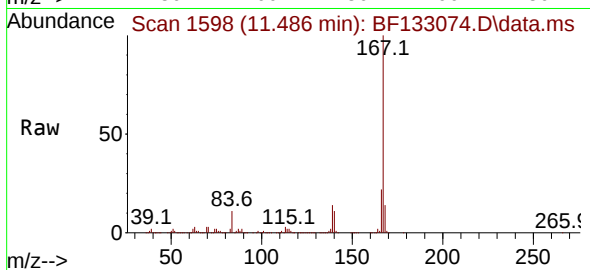
Tgt Ion:167 Resp: 1489466

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 13.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 48.626 ng

RT: 11.821 min Scan# 1655

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

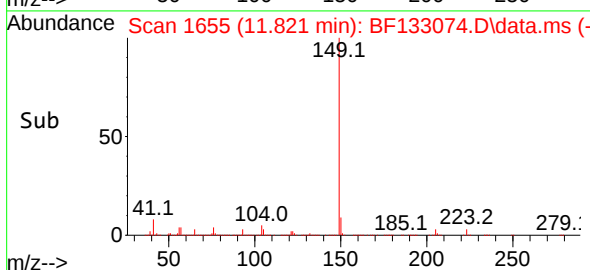
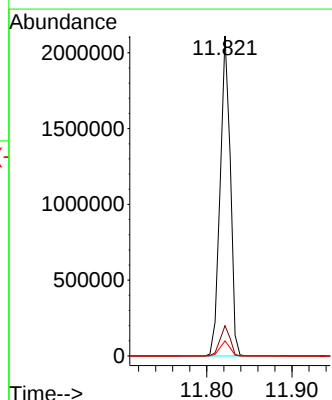
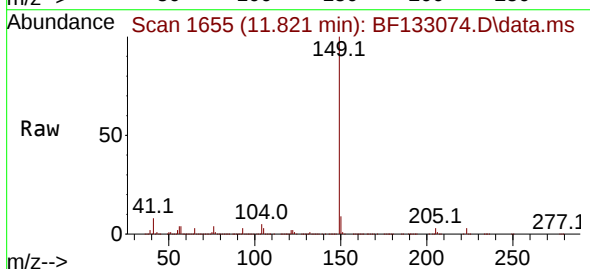
Tgt Ion:149 Resp: 1740941

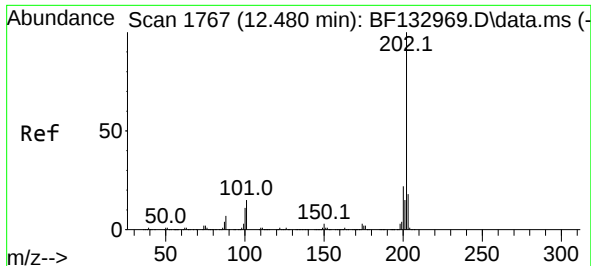
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 4.7 4.0 6.0

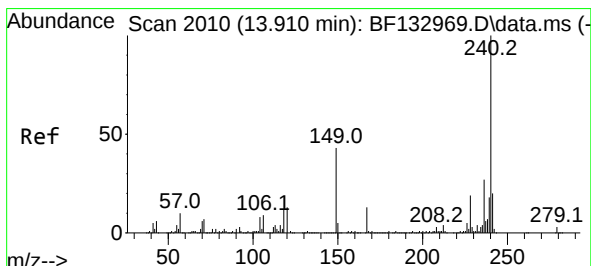
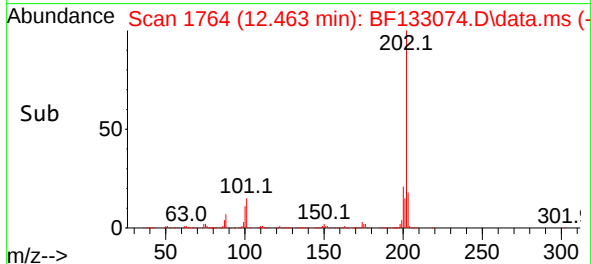
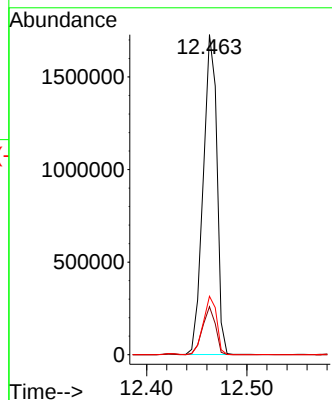
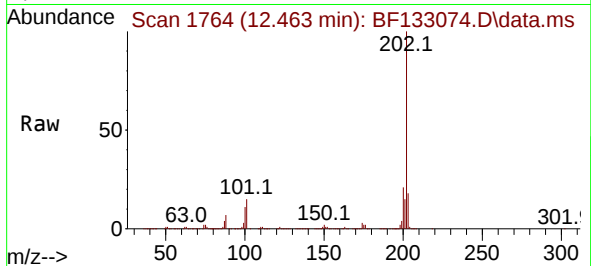




#75
Fluoranthene
Concen: 47.306 ng
RT: 12.463 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

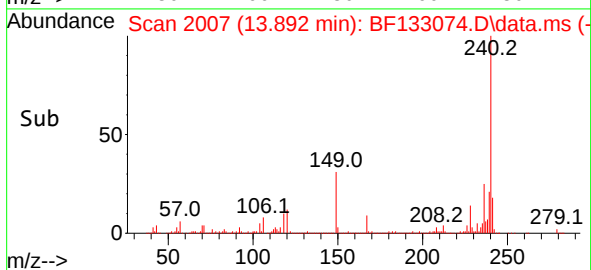
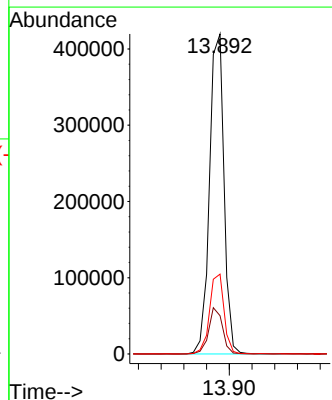
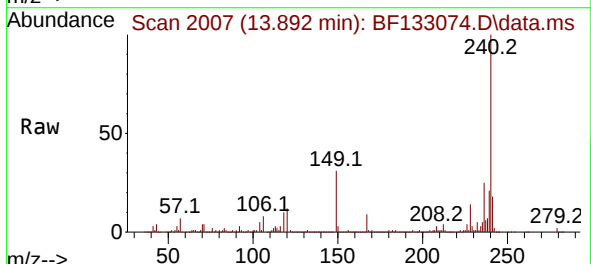
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

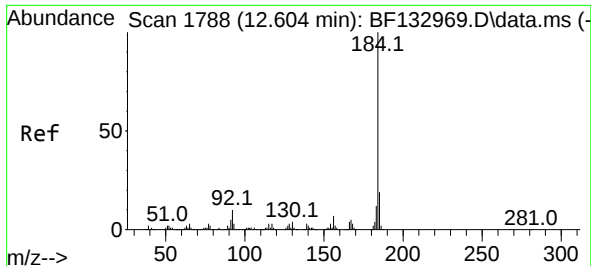
Tgt Ion:202 Resp: 1648320
Ion Ratio Lower Upper
202 100
101 15.0 0.0 35.3
203 18.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion:240 Resp: 371338
Ion Ratio Lower Upper
240 100
120 12.0 10.5 15.7
236 25.0 21.5 32.3

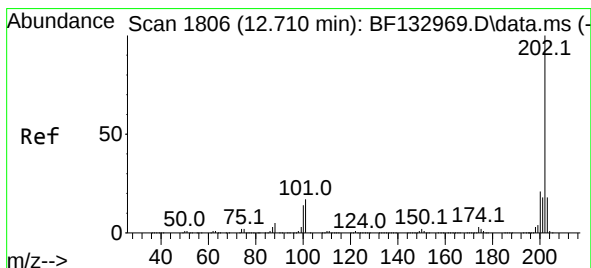
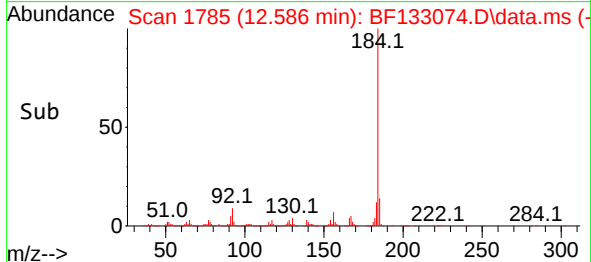
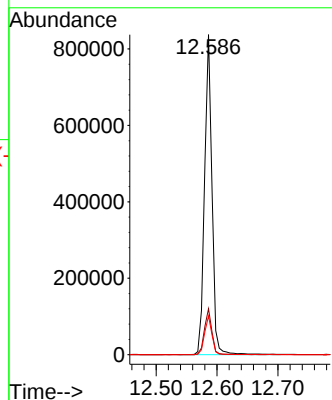
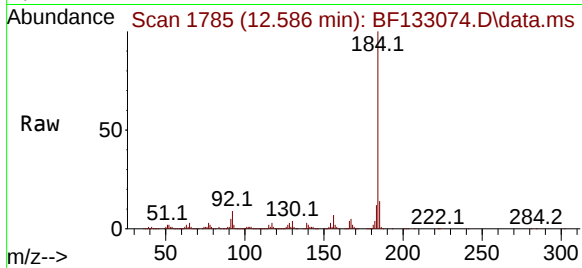




#77
Benzidine
Concen: 112.700 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

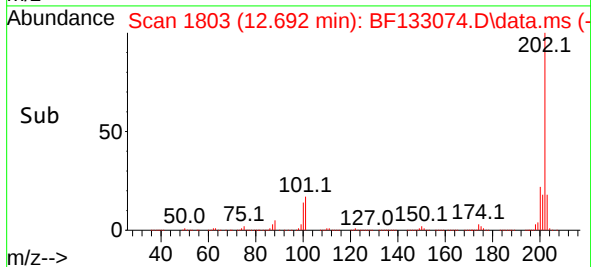
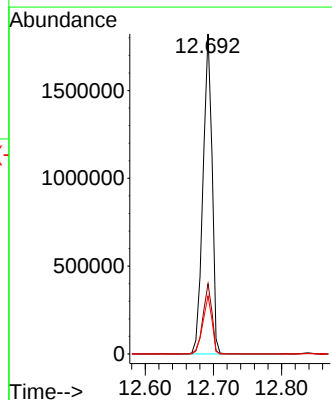
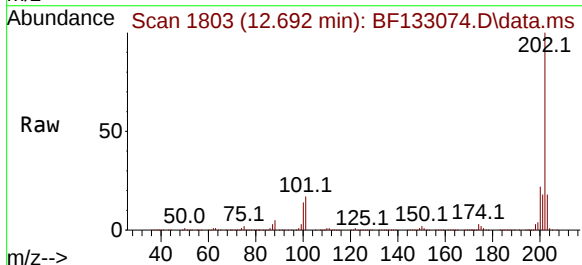
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

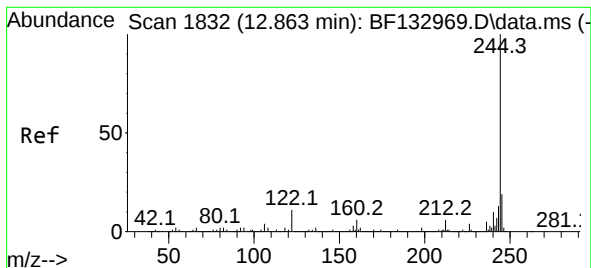
Tgt Ion:184 Resp: 707700
Ion Ratio Lower Upper
184 100
185 14.4 15.4 23.2#
183 12.1 9.4 14.0



#78
Pyrene
Concen: 52.808 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion:202 Resp: 1680999
Ion Ratio Lower Upper
202 100
200 21.9 17.1 25.7
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 83.599 ng

RT: 12.839 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

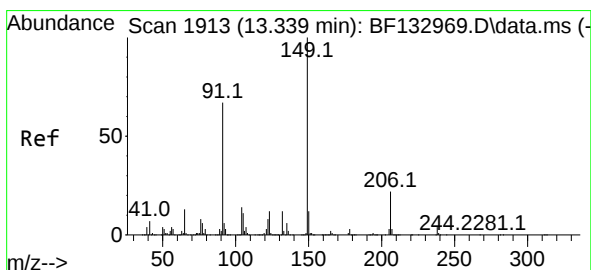
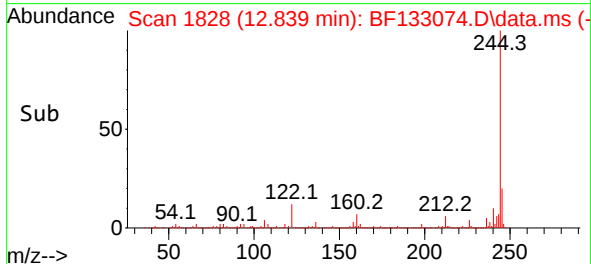
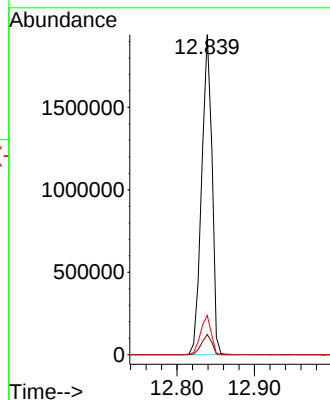
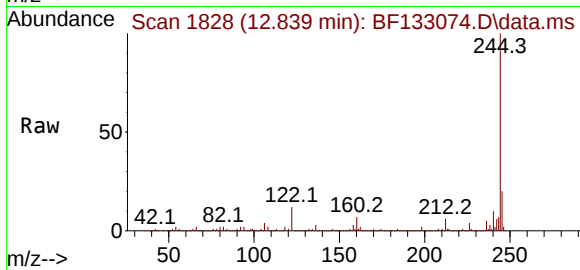
Tgt Ion:244 Resp: 1799978

Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 12.2 8.6 13.0



#80

Butylbenzylphthalate

Concen: 61.344 ng

RT: 13.315 min Scan# 1909

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

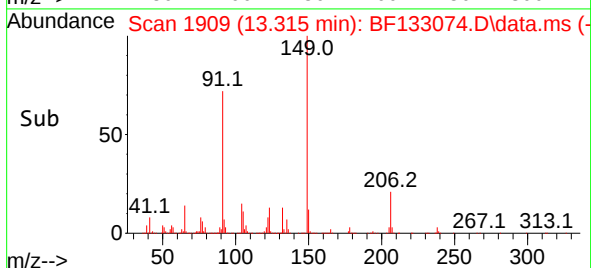
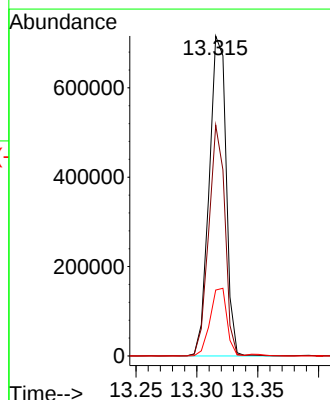
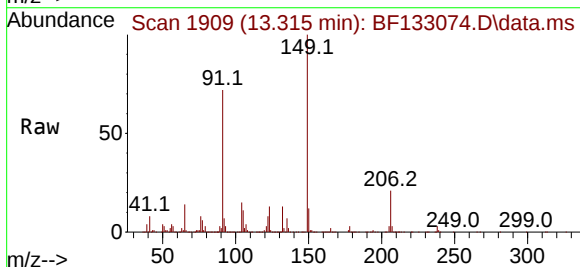
Tgt Ion:149 Resp: 691409

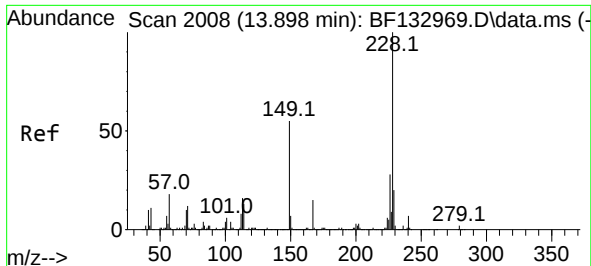
Ion Ratio Lower Upper

149 100

91 72.1 53.8 80.6

206 20.6 17.5 26.3

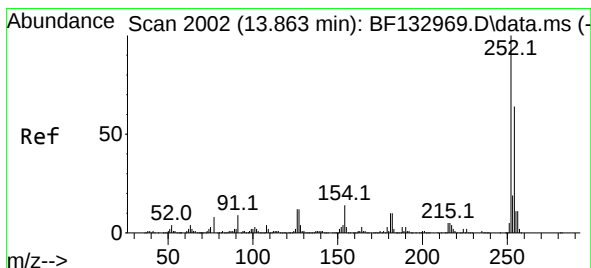
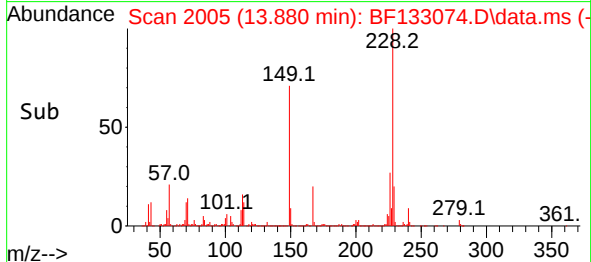
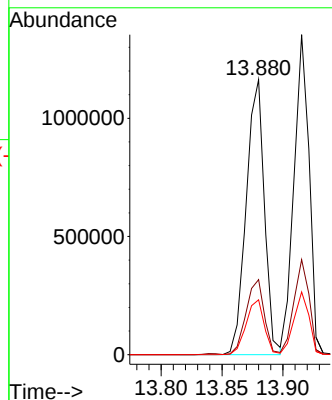
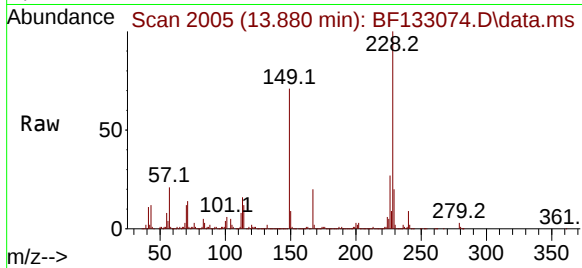




#81
Benzo(a)anthracene
Concen: 47.467 ng
RT: 13.880 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

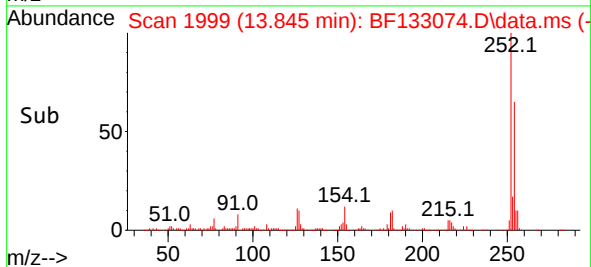
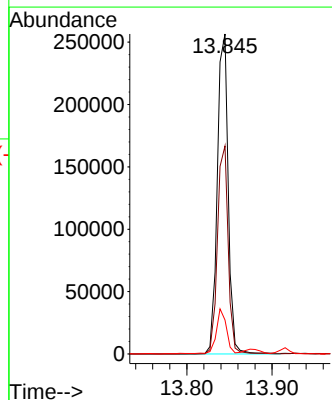
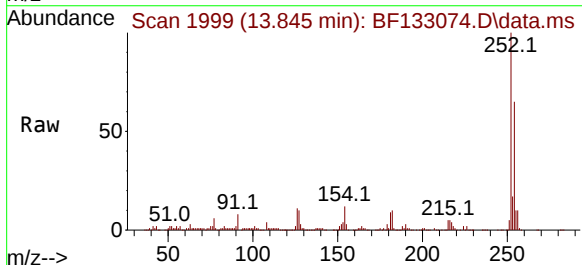
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MSD

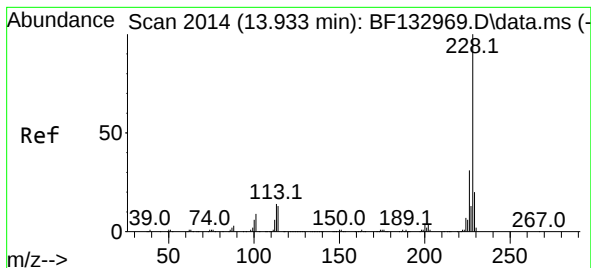
Tgt Ion:228 Resp: 1212114
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.4
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 32.286 ng
RT: 13.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BF133074.D
Acq: 26 Apr 2023 20:02

Tgt Ion:252 Resp: 227758
Ion Ratio Lower Upper
252 100
254 65.0 51.5 77.3
126 10.6 9.5 14.3





#83

Chrysene

Concen: 45.789 ng

RT: 13.915 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

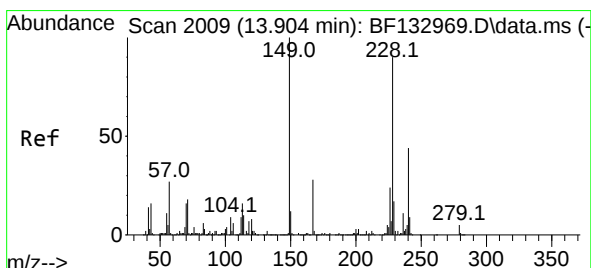
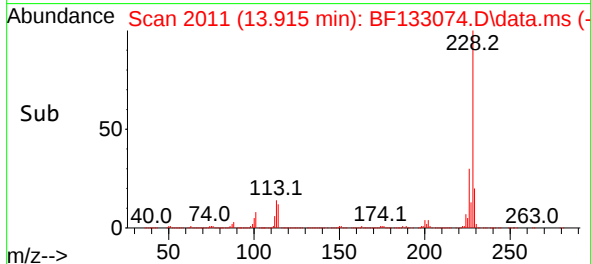
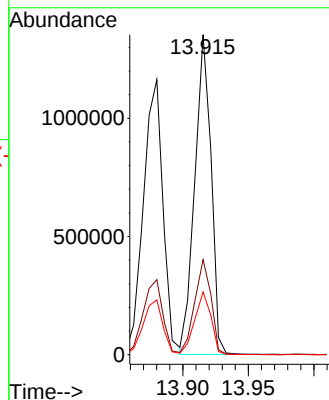
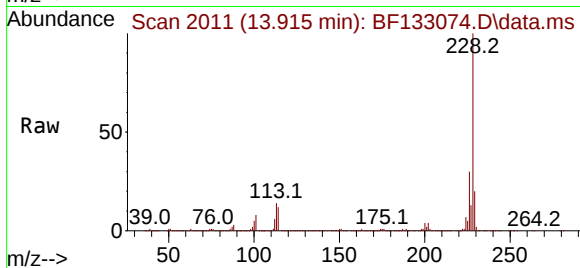
Tgt Ion:228 Resp: 1168957

Ion Ratio Lower Upper

228 100

226 29.7 24.7 37.1

229 19.6 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.876 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

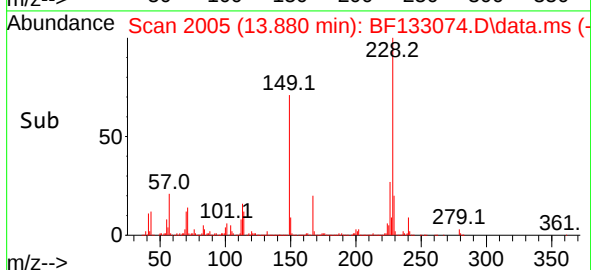
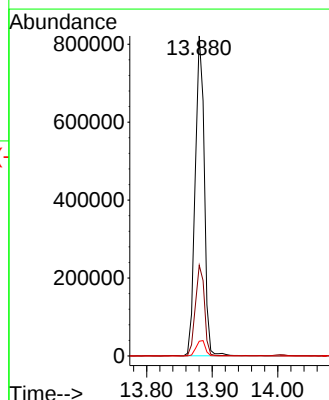
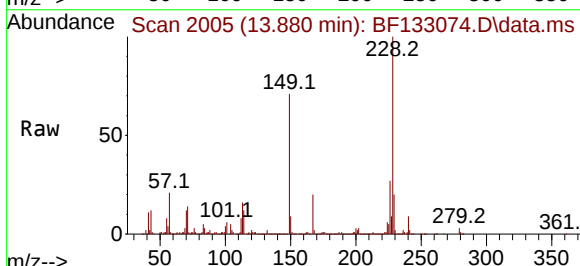
Tgt Ion:149 Resp: 790487

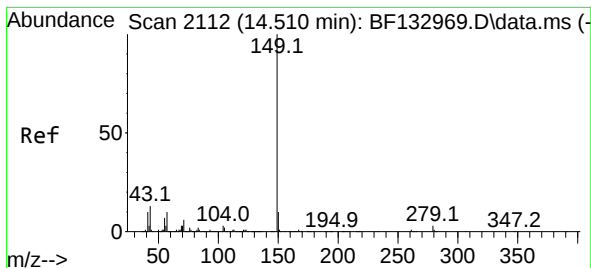
Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

279 4.6 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 54.840 ng

RT: 14.492 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

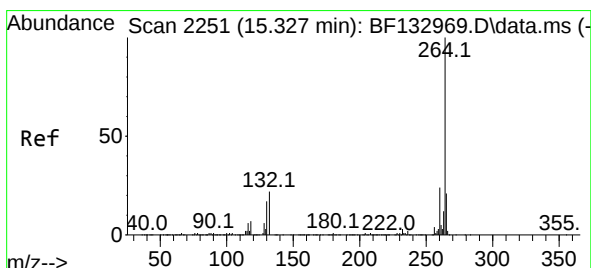
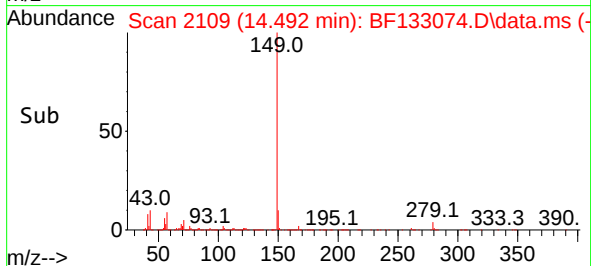
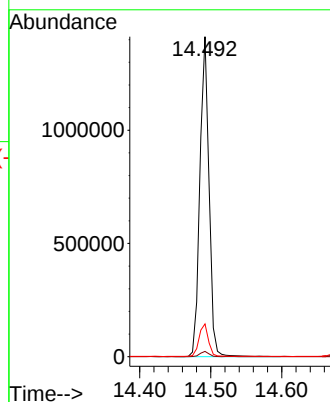
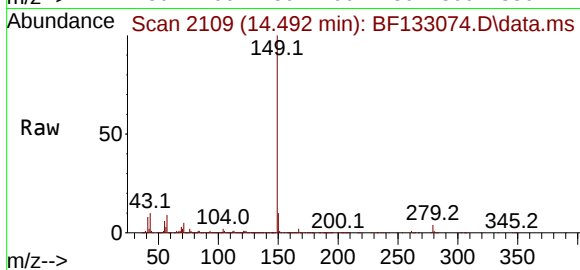
Tgt Ion:149 Resp: 1265031

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.5 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

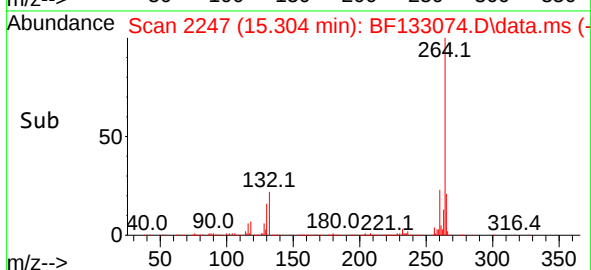
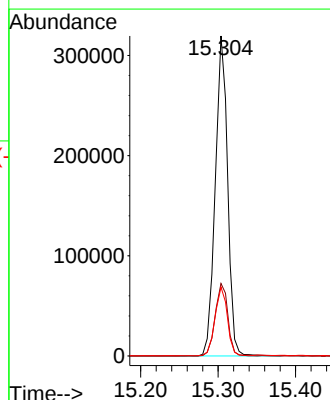
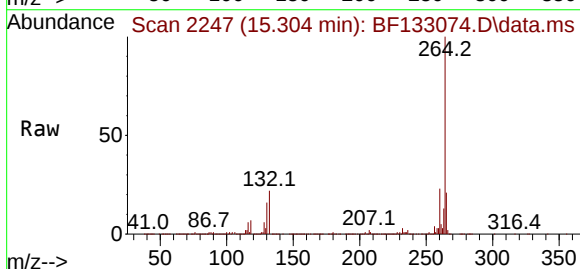
Tgt Ion:264 Resp: 353101

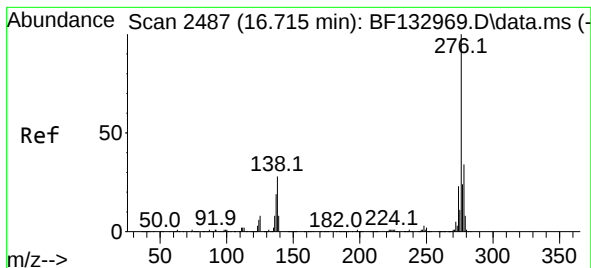
Ion Ratio Lower Upper

264 100

260 22.6 18.8 28.2

265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 65.777 ng

RT: 16.686 min Scan# 2487

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

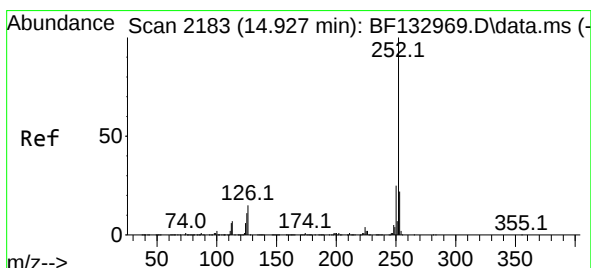
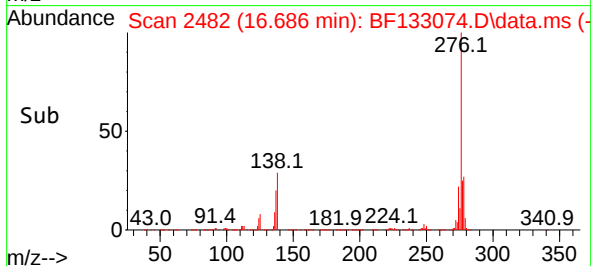
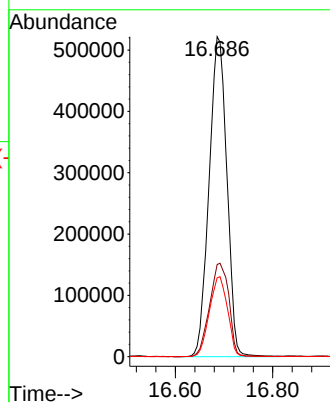
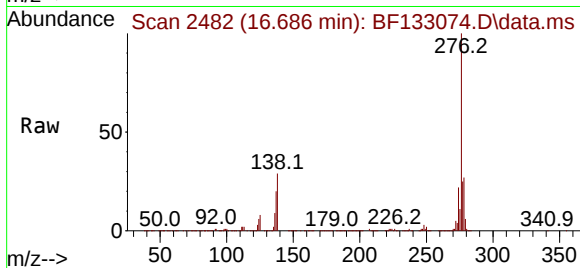
Tgt Ion:276 Resp: 1321137

Ion Ratio Lower Upper

276 100

138 31.6 25.5 38.3

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 47.364 ng

RT: 14.904 min Scan# 2179

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

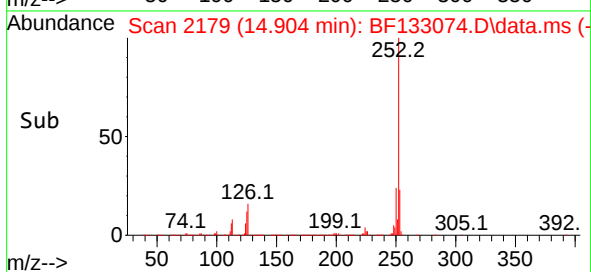
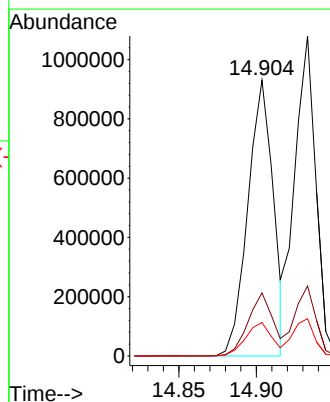
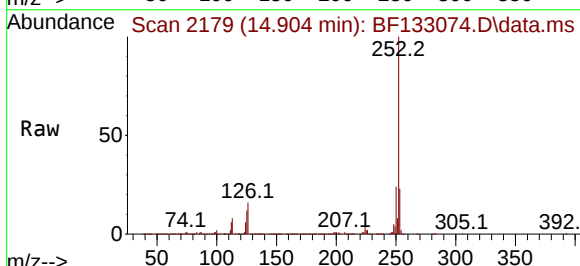
Tgt Ion:252 Resp: 1063974

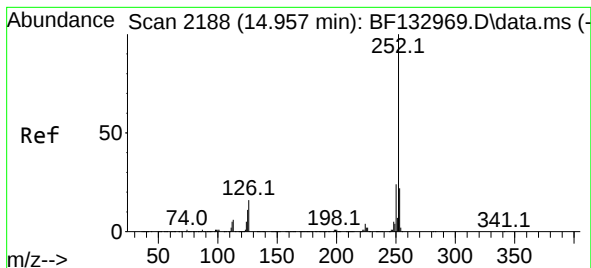
Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

125 12.1 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 45.738 ng

RT: 14.933 min Scan# 2184

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

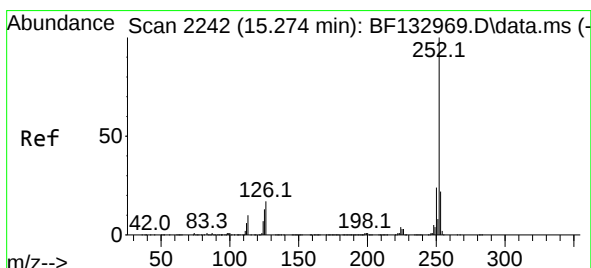
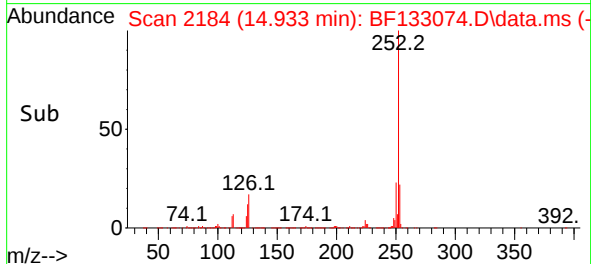
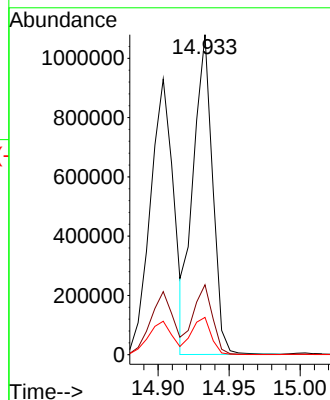
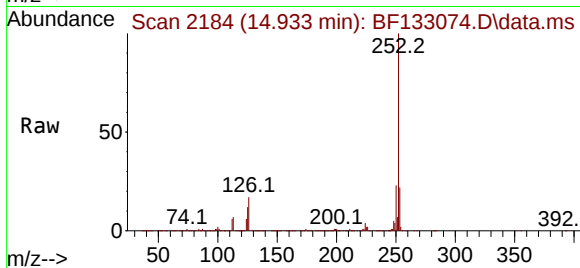
Tgt Ion:252 Resp: 1018500

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 11.6 9.0 13.4



#90

Benzo(a)pyrene

Concen: 46.270 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.000 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

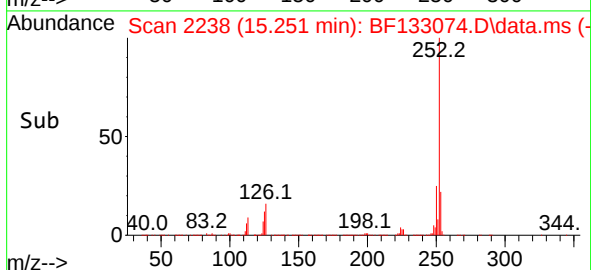
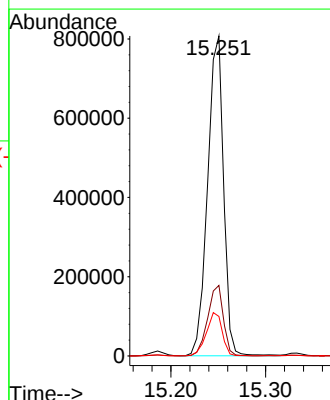
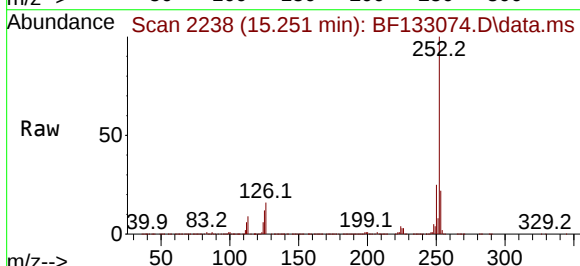
Tgt Ion:252 Resp: 946075

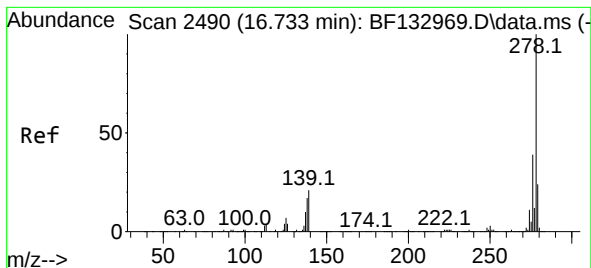
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 12.4 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 65.759 ng

RT: 16.709 min Scan# 2490

Delta R.T. 0.006 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MSD

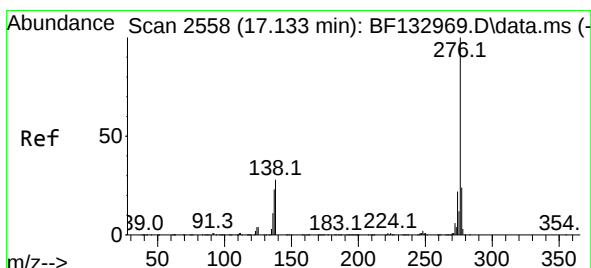
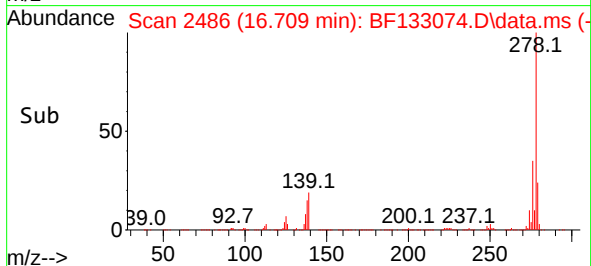
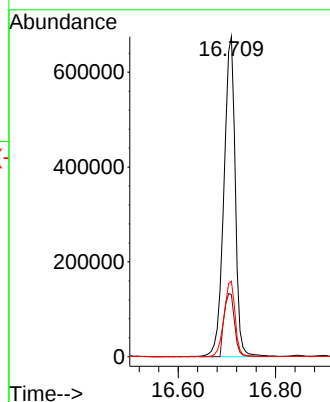
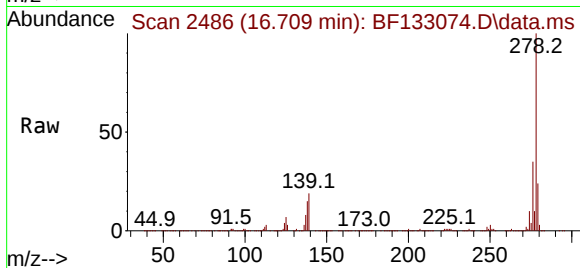
Tgt Ion:278 Resp: 1101588

Ion Ratio Lower Upper

278 100

139 19.3 16.6 24.8

279 23.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 66.721 ng

RT: 17.103 min Scan# 2553

Delta R.T. 0.006 min

Lab File: BF133074.D

Acq: 26 Apr 2023 20:02

Tgt Ion:276 Resp: 1103462

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 26.5 22.7 34.1

