

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133213.D
 Acq On : 03 May 2023 18:16
 Operator : CG\JU
 Sample : 02588-09MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZONE-A-6-9-05022023MS

Quant Time: May 04 01:39:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:31:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/04/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							05/04/2023
1) 1,4-Dichlorobenzene-d4	6.728	152	208832	20.000	ng	0.00	Supervised By : Jagrut Upadhyay
21) Naphthalene-d8	8.016	136	864126	20.000	ng	0.00	
39) Acenaphthene-d10	9.769	164	447473	20.000	ng	0.00	
64) Phenanthrene-d10	11.251	188	729277	20.000	ng	0.00	
76) Chrysene-d12	13.886	240	370965	20.000	ng	0.00	
86) Perylene-d12	15.304	264	460831	20.000	ng	0.00	05/04/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1551529	112.232	ng	0.01	
7) Phenol-d6	6.381	99	1851308	107.892	ng	0.00	
23) Nitrobenzene-d5	7.298	82	1132006	70.710	ng	0.00	
42) 2,4,6-Tribromophenol	10.557	330	344678	76.592	ng	0.00	
45) 2-Fluorobiphenyl	9.092	172	1841490	68.849	ng	0.00	
79) Terphenyl-d14	12.833	244	1508683	70.141	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	270807	42.233	ng		99
3) Pyridine	3.158	79	675351	39.654	ng		97
4) n-Nitrosodimethylamine	3.116	42	369575	41.895	ng		98
6) Aniline	6.393	93	437935	19.816	ng	#	1
8) 2-Chlorophenol	6.516	128	659542	46.989	ng		96
9) Benzaldehyde	6.275	77	359736	49.114	ng		99
10) Phenol	6.393	94	784004	41.417	ng		90
11) bis(2-Chloroethyl)ether	6.469	93	619464	43.609	ng		99
12) 1,3-Dichlorobenzene	6.675	146	683938	45.831	ng		97
13) 1,4-Dichlorobenzene	6.751	146	693809	46.389	ng		97
14) 1,2-Dichlorobenzene	6.898	146	666870	48.364	ng		96
15) Benzyl Alcohol	6.881	79	540350	45.589	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1027530	41.648	ng		96
17) 2-Methylphenol	6.998	107	548869	42.705	ng		99
18) Hexachloroethane	7.245	117	246511	47.408	ng		98
19) n-Nitroso-di-n-propyla...	7.157	70	426432	39.919	ng		95
20) 3+4-Methylphenols	7.151	107	702734	46.428	ng	#	80
22) Acetophenone	7.145	105	863610	43.143	ng		98
24) Nitrobenzene	7.316	77	667552	41.150	ng		96
25) Isophorone	7.557	82	1252366	41.202	ng		99
26) 2-Nitrophenol	7.634	139	364478	46.581	ng		95
27) 2,4-Dimethylphenol	7.681	122	599568	44.687	ng		99
28) bis(2-Chloroethoxy)met...	7.769	93	750308	41.726	ng		99
29) 2,4-Dichlorophenol	7.881	162	543897	44.530	ng		96
30) 1,2,4-Trichlorobenzene	7.957	180	558130	44.108	ng		99
31) Naphthalene	8.040	128	1834448	42.461	ng		99
32) Benzoic acid	7.804	122	31189m	3.763	ng		
33) 4-Chloroaniline	8.087	127	270652	15.505	ng		99
34) Hexachlorobutadiene	8.157	225	308452	43.981	ng		99
35) Caprolactam	8.457	113	155881m	37.990	ng		
36) 4-Chloro-3-methylphenol	8.581	107	583045	44.266	ng		99
37) 2-Methylnaphthalene	8.728	142	1214009	41.101	ng		97
38) 1-Methylnaphthalene	8.828	142	1139489	41.239	ng		98
40) 1,2,4,5-Tetrachloroben...	8.898	216	504478	41.931	ng		99
41) Hexachlorocyclopentadiene	8.887	237	444196	63.306	ng		99
43) 2,4,6-Trichlorophenol	9.010	196	320178	38.481	ng		99

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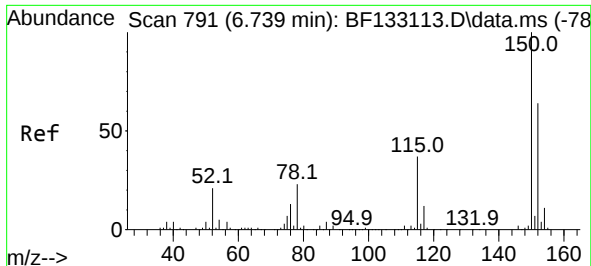
Reviewed By : Christian Giraldo 05/04/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	335825	34.899	ng	98
46) 1,1'-Biphenyl	9.192	154	1480298	41.719	ng	100
47) 2-Chloronaphthalene	9.216	162	1120825	43.157	ng	99
48) 2-Nitroaniline	9.316	65	365047	42.530	ng	98
49) Acenaphthylene	9.634	152	1731124	41.716	ng	99
50) Dimethylphthalate	9.498	163	1323399	42.415	ng	99
51) 2,6-Dinitrotoluene	9.557	165	308310	43.902	ng	93
52) Acenaphthene	9.804	154	1069612	38.485	ng	100
53) 3-Nitroaniline	9.722	138	263421	31.547	ng	96
54) 2,4-Dinitrophenol	9.828	184	12131	3.437	ng	87
55) Dibenzofuran	9.975	168	1540695	40.638	ng	98
56) 4-Nitrophenol	9.892	139	365436	56.505	ng	96
57) 2,4-Dinitrotoluene	9.957	165	396482	44.271	ng	97
58) Fluorene	10.316	166	1127245	40.583	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	196555	26.347	ng	97
60) Diethylphthalate	10.198	149	1236961	41.971	ng	98
61) 4-Chlorophenyl-phenylether	10.310	204	546356	40.363	ng	98
62) 4-Nitroaniline	10.339	138	332792	43.363	ng	98
63) Azobenzene	10.469	77	1261080	40.393	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	36167	8.182	ng	97
66) n-Nitrosodiphenylamine	10.428	169	1041784	44.039	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	341028	43.117	ng	95
68) Hexachlorobenzene	10.869	284	364779	45.008	ng	97
69) Atrazine	10.963	200	343981	50.464	ng	98
70) Pentachlorophenol	11.057	266	147944	25.631	ng	98
71) Phenanthrene	11.275	178	1672982	42.682	ng	100
72) Anthracene	11.328	178	1641125	40.912	ng	99
73) Carbazole	11.486	167	1458229	40.826	ng	99
74) Di-n-butylphthalate	11.816	149	1829279	45.256	ng	100
75) Fluoranthene	12.463	202	1471120	37.397	ng	97
77) Benzidine	12.580	184	435057	69.352	ng	95
78) Pyrene	12.692	202	1437277	45.197	ng	99
80) Butylbenzylphthalate	13.310	149	589069	52.317	ng	94
81) Benzo(a)anthracene	13.874	228	1075790	42.171	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	204923	29.079	ng	97
83) Chrysene	13.916	228	1082743	42.454	ng	99
84) Bis(2-ethylhexyl)phtha...	13.874	149	696385	49.274	ng	99
85) Di-n-octyl phthalate	14.486	149	1349704	58.569	ng	98
87) Indeno(1,2,3-cd)pyrene	16.686	276	1105299	42.166	ng	99
88) Benzo(b)fluoranthene	14.904	252	1256344	42.853	ng	98
89) Benzo(k)fluoranthene	14.933	252	1164459	40.068	ng	99
90) Benzo(a)pyrene	15.251	252	1095694	41.060	ng	100
91) Dibenzo(a,h)anthracene	16.704	278	937392	42.876	ng	99
92) Benzo(g,h,i)perylene	17.104	276	840356	38.934	ng	96

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 Upadhyay

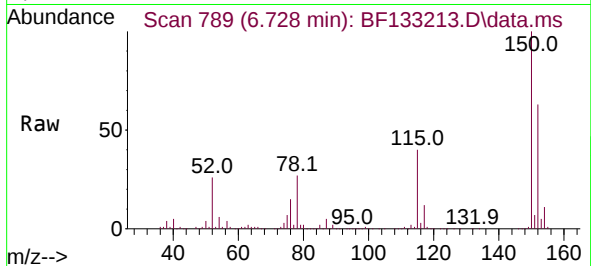
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

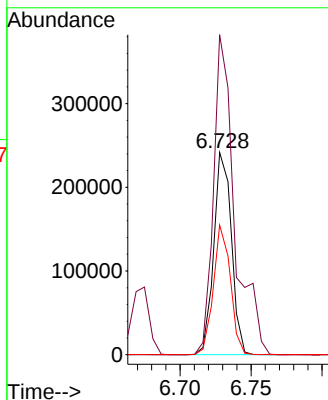
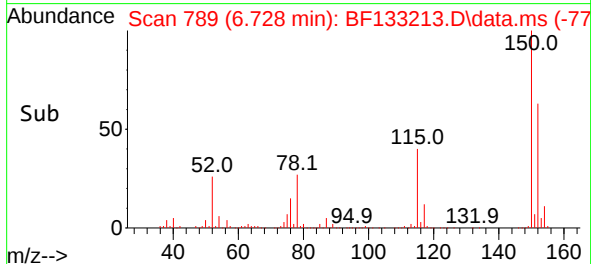
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion: 152 Resp: 208832
Ion Ratio Lower Upper
152 100
150 158.3 124.8 187.2
115 64.1 49.9 74.9

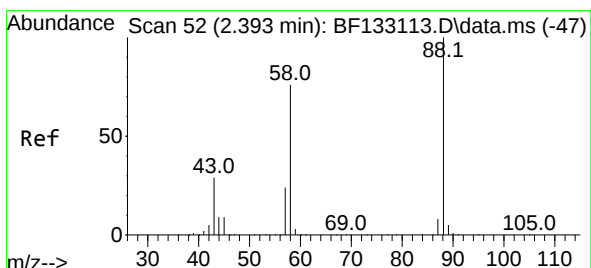
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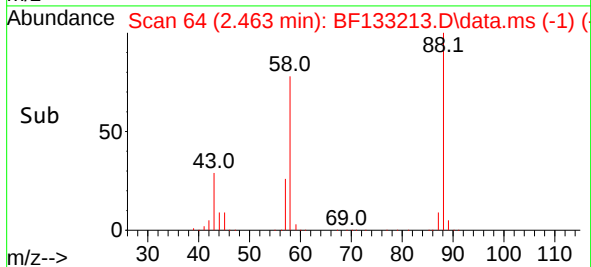
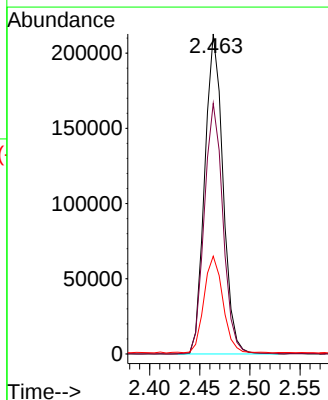
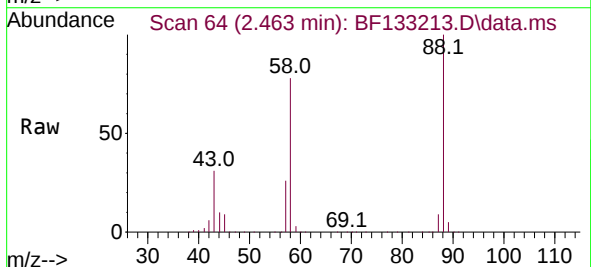
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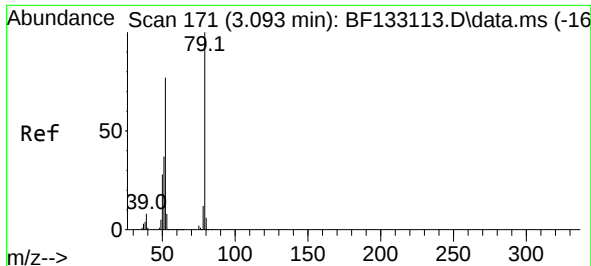
05/04/2023



#2
1,4-Dioxane
Concen: 42.233 ng
RT: 2.463 min Scan# 64
Delta R.T. 0.088 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

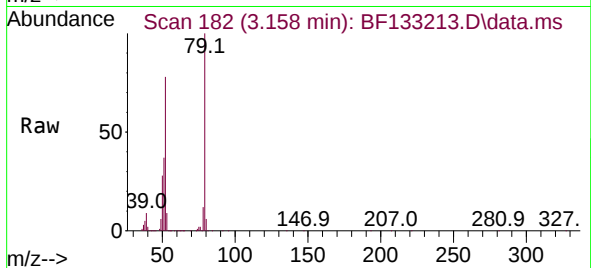
Tgt Ion: 88 Resp: 270807
Ion Ratio Lower Upper
88 100
58 80.0 64.7 97.1
43 31.7 26.2 39.2





#3
Pyridine
Concen: 39.654 ng
RT: 3.158 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

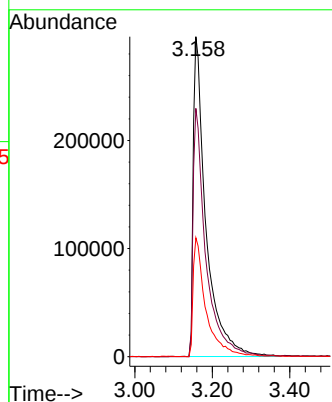
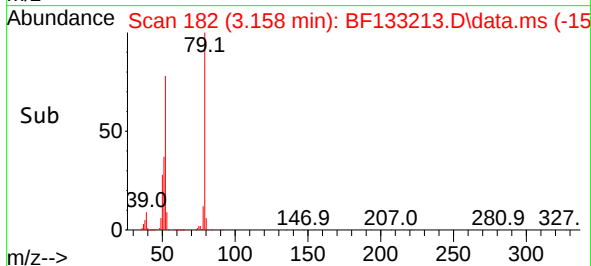
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion: 79 Resp: 67535
Ion Ratio Lower Upper
79 100
52 77.6 64.6 96.8
51 37.1 30.0 45.0

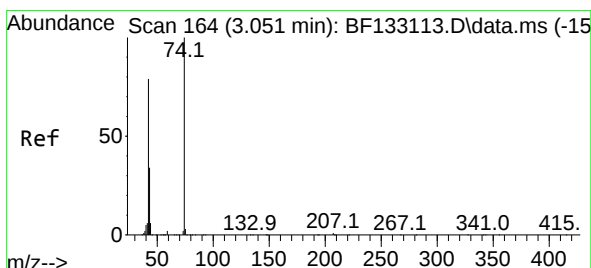
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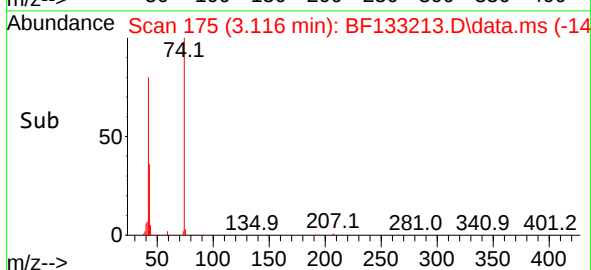
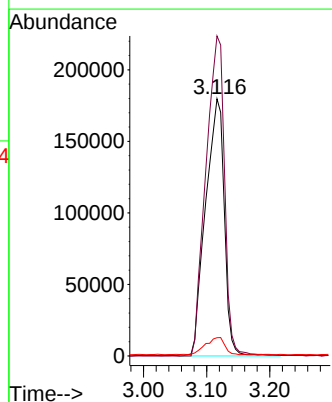
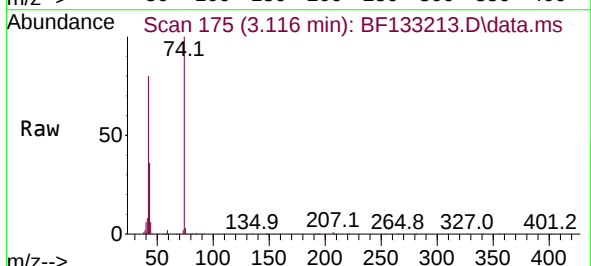
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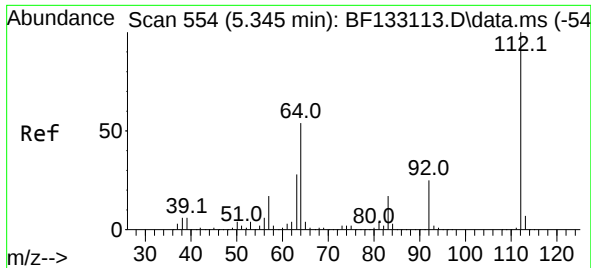
05/04/2023



#4
n-Nitrosodimethylamine
Concen: 41.895 ng
RT: 3.116 min Scan# 175
Delta R.T. 0.082 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

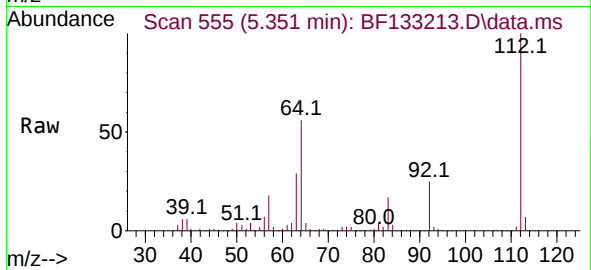
Tgt Ion: 42 Resp: 369575
Ion Ratio Lower Upper
42 100
74 124.5 98.0 147.0
44 7.1 5.8 8.8





#5
2-Fluorophenol
Concen: 112.232 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

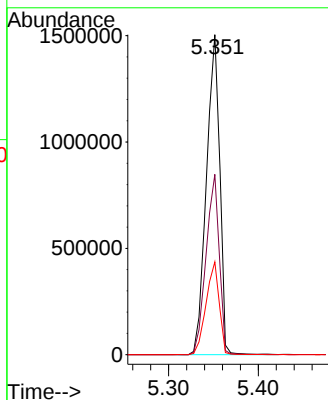
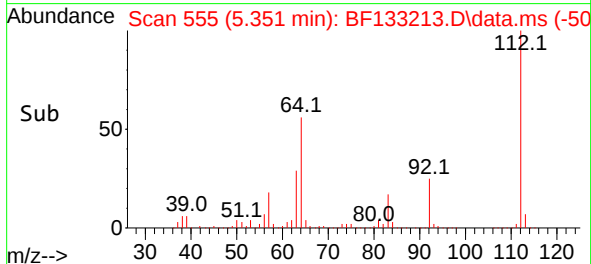
Instrument :
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Tgt Ion:112 Resp: 1551529
Ion Ratio Lower Upper
112 100
64 56.4 46.8 70.2
63 29.0 23.8 35.8

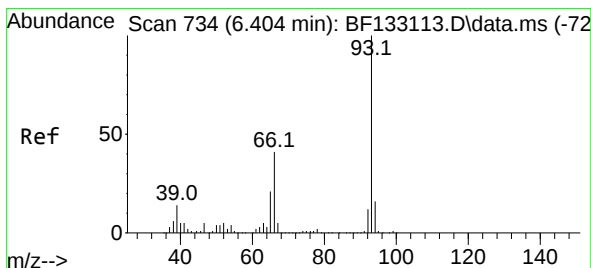
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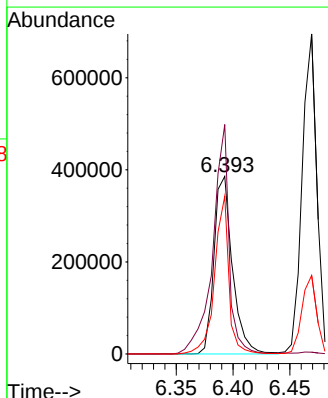
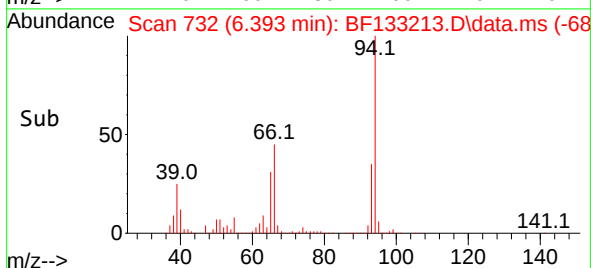
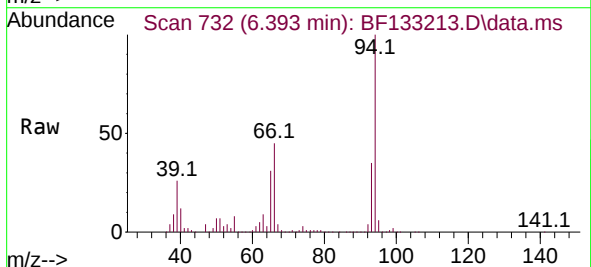
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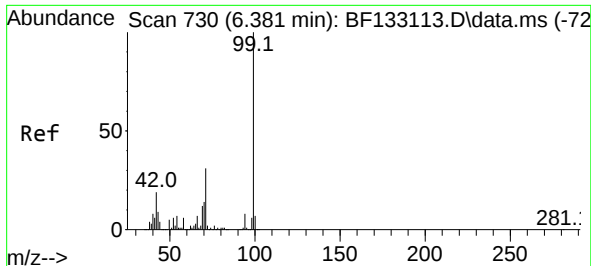
05/04/2023



#6
Aniline
Concen: 19.816 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

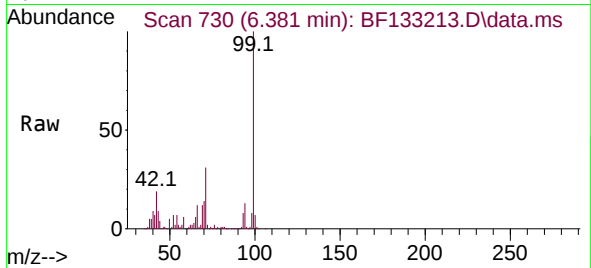
Tgt Ion: 93 Resp: 437935
Ion Ratio Lower Upper
93 100
66 129.2 31.5 47.3#
65 88.9 16.4 24.6#





#7
Phenol-d6
Concen: 107.892 ng
RT: 6.381 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

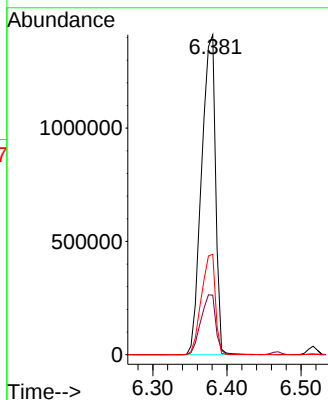
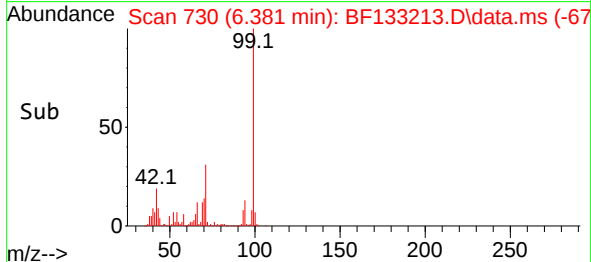
Instrument :
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Tgt Ion: 99 Resp: 1851308
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 31.4 25.6 38.4

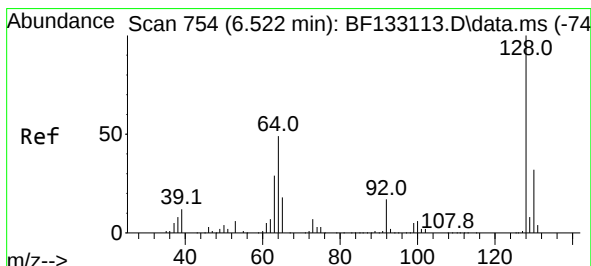
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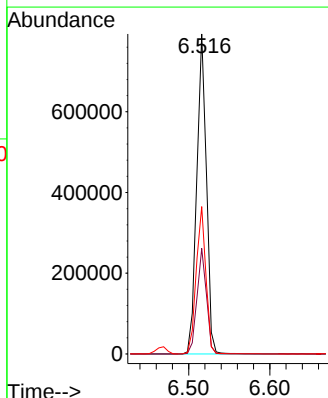
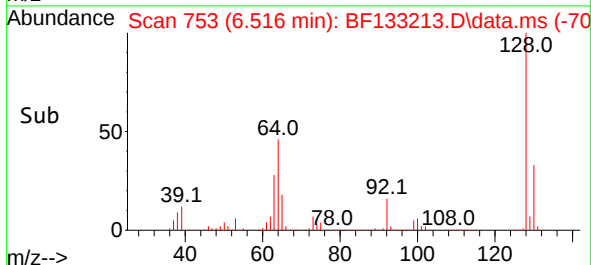
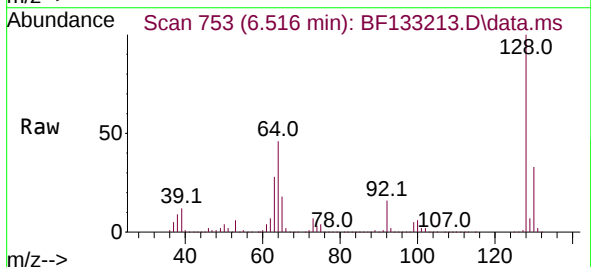
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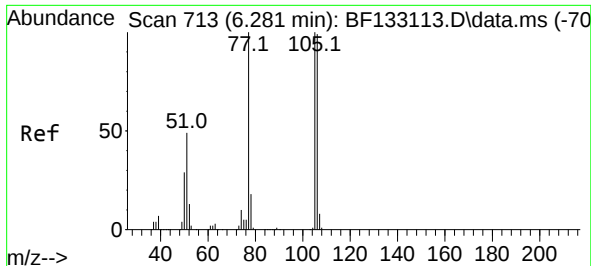
05/04/2023



#8
2-Chlorophenol
Concen: 46.989 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

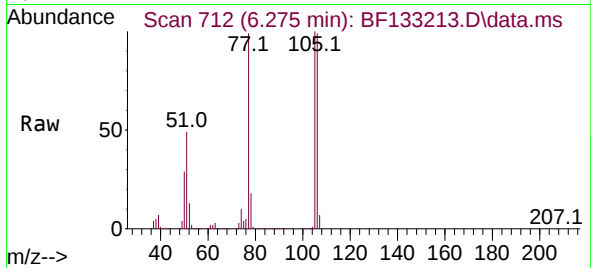
Tgt Ion:128 Resp: 659542
Ion Ratio Lower Upper
128 100
130 33.0 12.2 52.2
64 46.0 30.3 70.3





#9
Benzaldehyde
Concen: 49.114 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

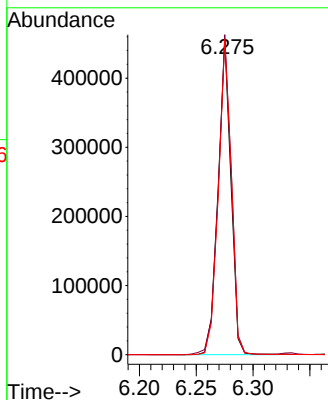
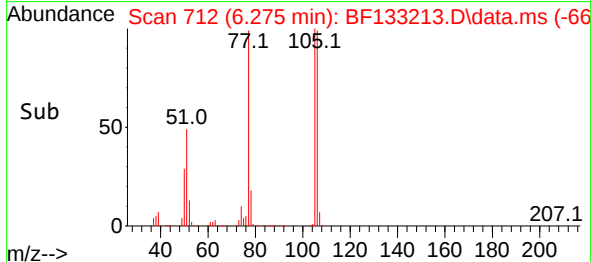
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 359730
Ion Ratio Lower Upper
77 100
105 101.3 82.3 122.3
106 99.9 80.8 120.8

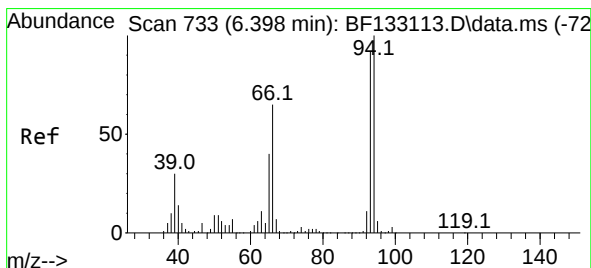
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Supervised By :Jagrut Upadhyay 05/04/2023



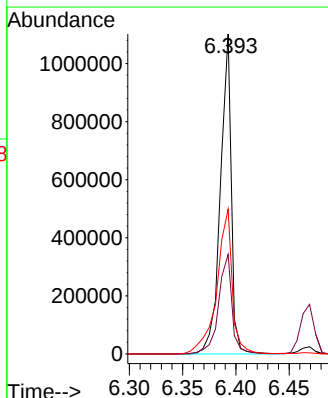
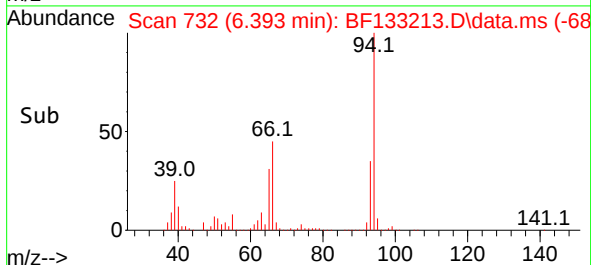
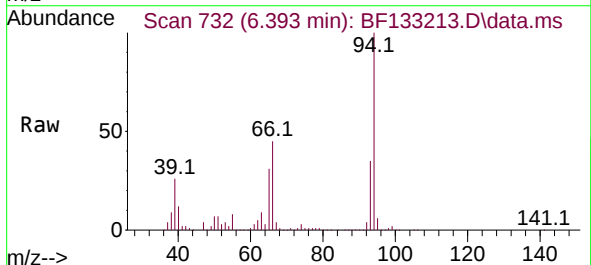
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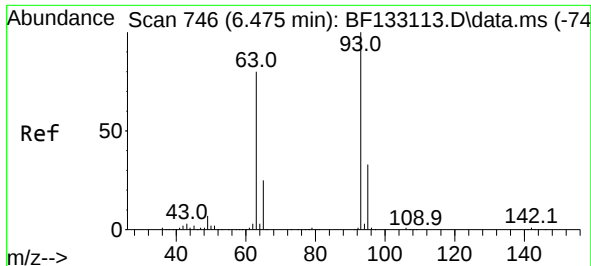
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#10
Phenol
Concen: 41.417 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

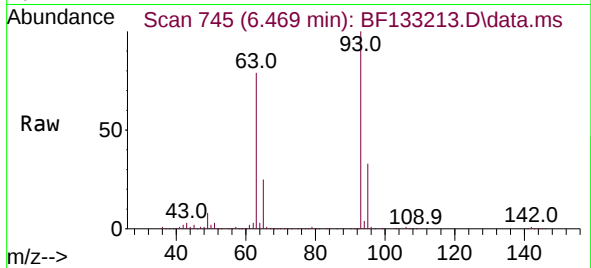
Tgt Ion: 94 Resp: 784004
Ion Ratio Lower Upper
94 100
65 31.1 8.6 48.6
66 45.2 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 43.609 ng
RT: 6.469 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

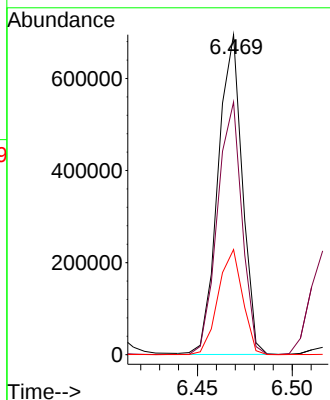
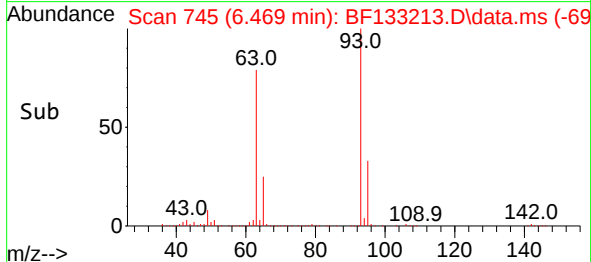
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion: 93 Resp: 619464
Ion Ratio Lower Upper
93 100
63 78.9 60.6 100.6
95 32.9 12.9 52.9

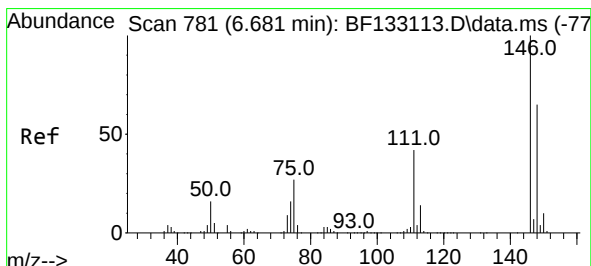
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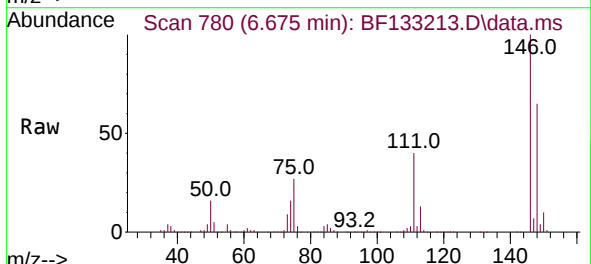


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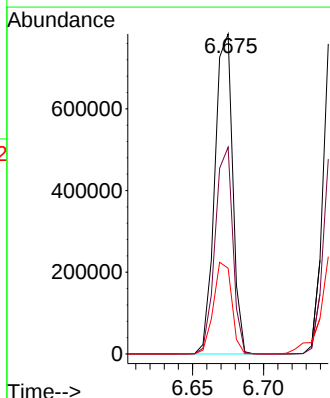
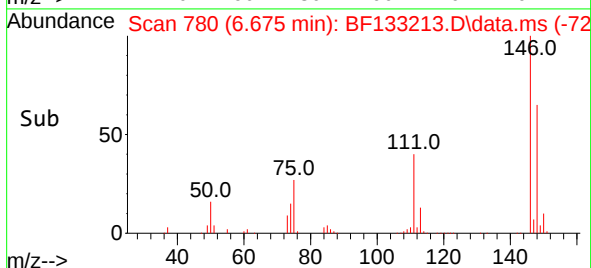
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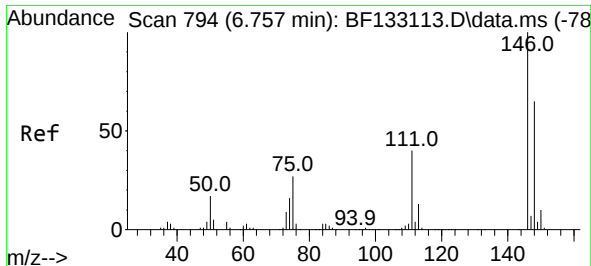


#12
1,3-Dichlorobenzene
Concen: 45.831 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16



Tgt Ion:146 Resp: 683938
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
75 26.8 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 46.389 ng

RT: 6.751 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF133213.D

Acq: 03 May 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ZONE-A-6-9-05022023MS

Tgt Ion:146 Resp: 693809

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

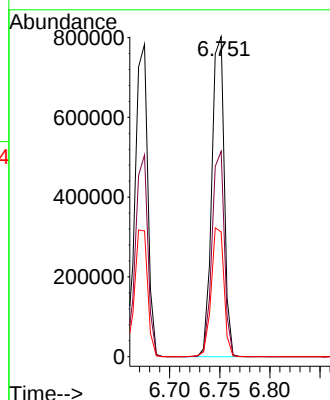
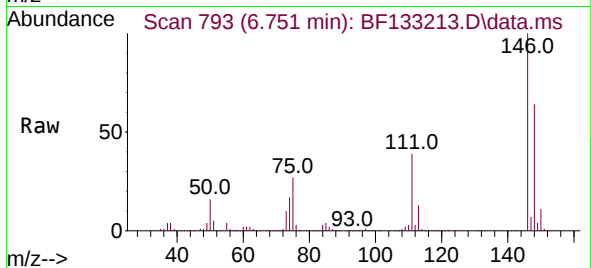
111 39.0 33.8 50.6

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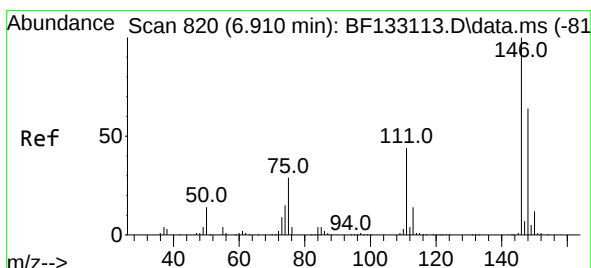
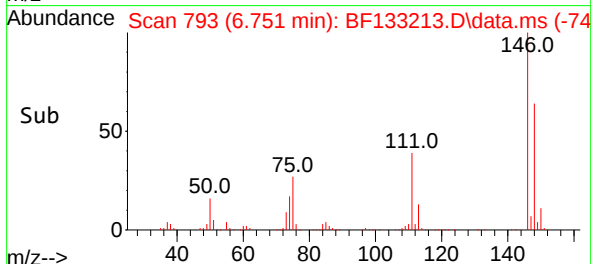


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#14

1,2-Dichlorobenzene

Concen: 48.364 ng

RT: 6.898 min Scan# 818

Delta R.T. -0.006 min

Lab File: BF133213.D

Acq: 03 May 2023 18:16

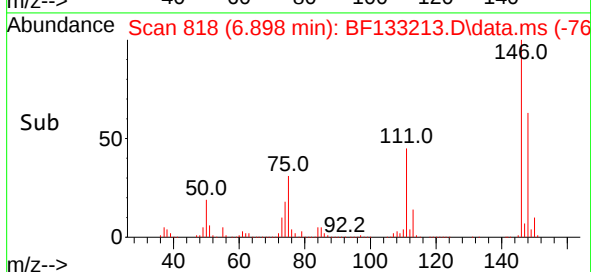
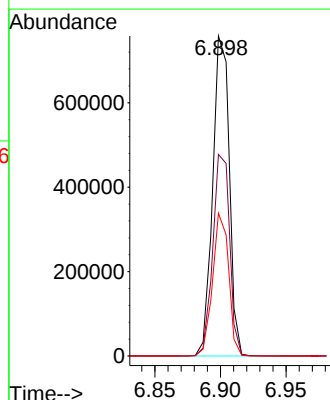
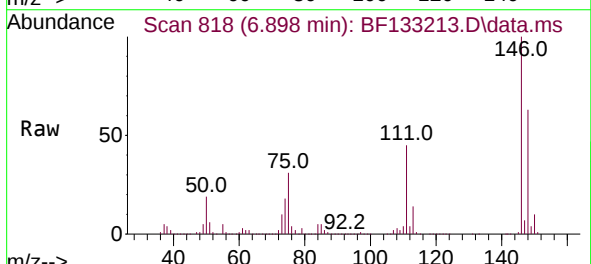
Tgt Ion:146 Resp: 666870

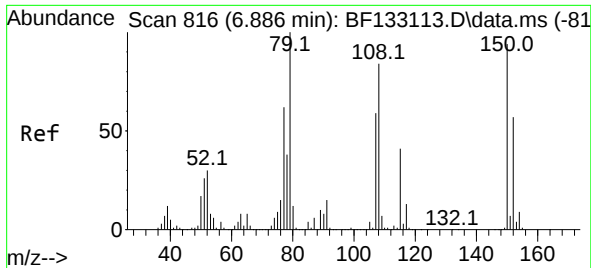
Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.2

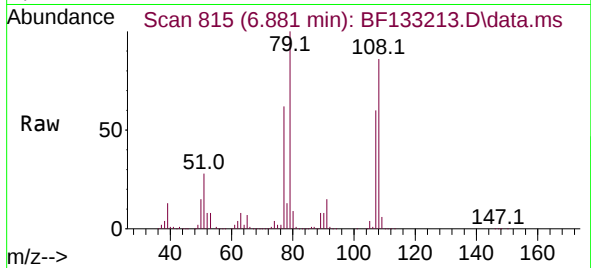
111 44.6 32.8 49.2





#15
Benzyl Alcohol
Concen: 45.589 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

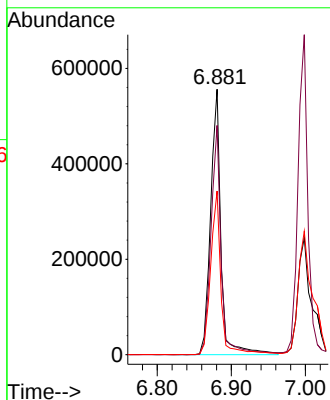
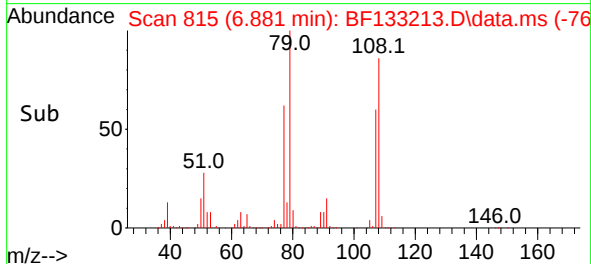
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion: 79 Resp: 540350
Ion Ratio Lower Upper
79 100
108 86.4 66.6 99.8
77 61.7 49.2 73.8

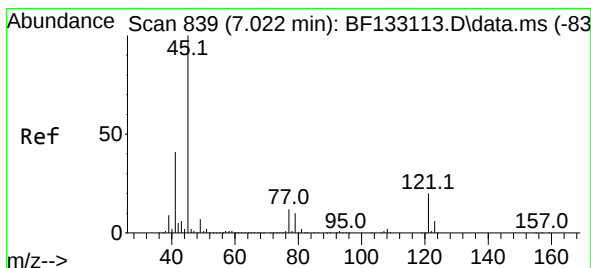
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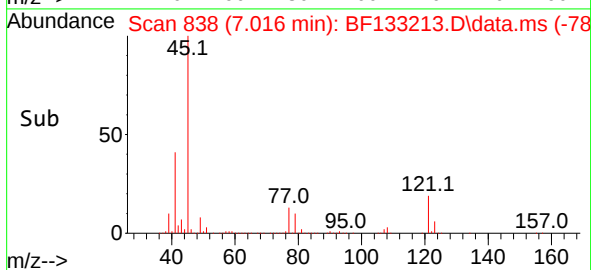
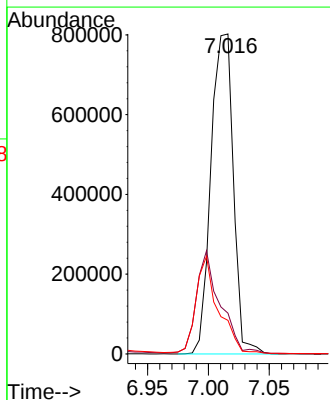
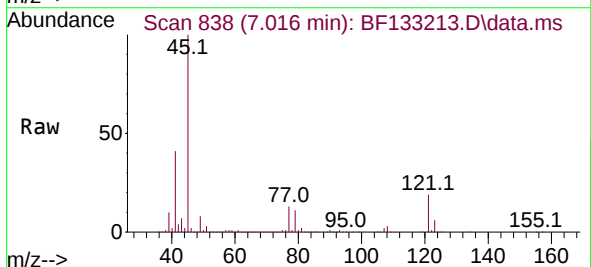
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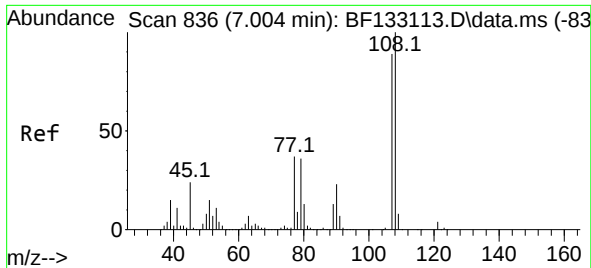
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.648 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

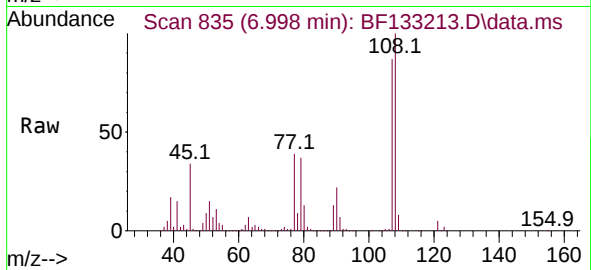
Tgt Ion: 45 Resp: 1027530
Ion Ratio Lower Upper
45 100
77 12.7 0.0 31.5
79 10.5 0.0 28.7





#17
2-Methylphenol
Concen: 42.705 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

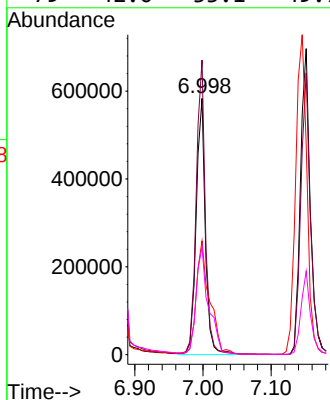
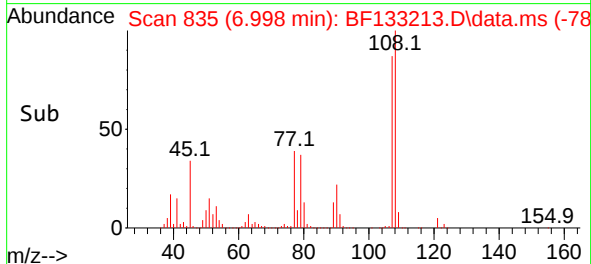
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:107 Resp: 548869
Ion Ratio Lower Upper
107 100
108 114.9 92.4 138.6
77 44.4 33.8 50.8
79 42.0 33.1 49.7

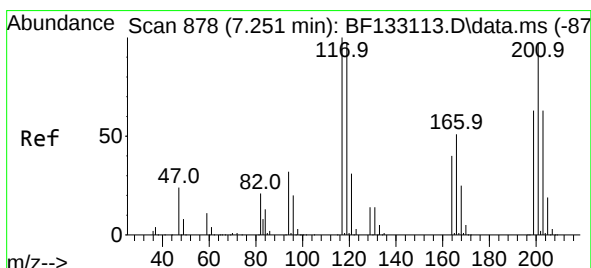
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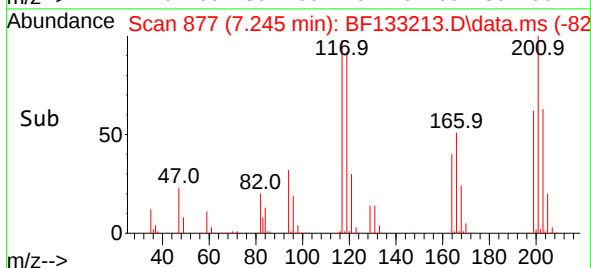
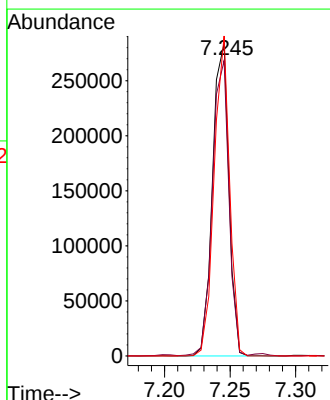
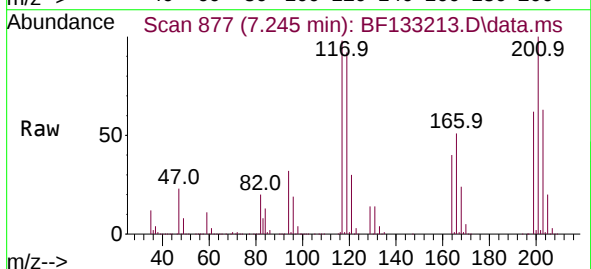
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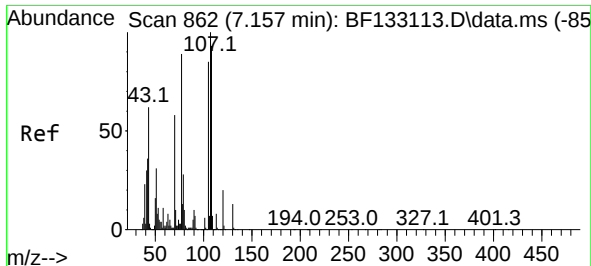
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#18
Hexachloroethane
Concen: 47.408 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

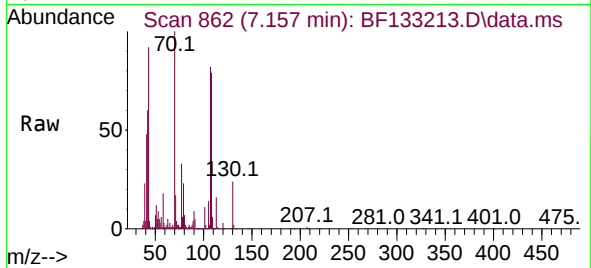
Tgt Ion:117 Resp: 246511
Ion Ratio Lower Upper
117 100
119 94.5 78.2 117.4
201 102.3 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 39.919 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

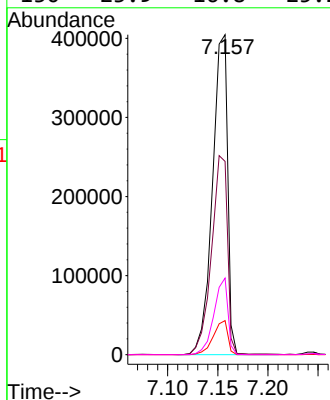
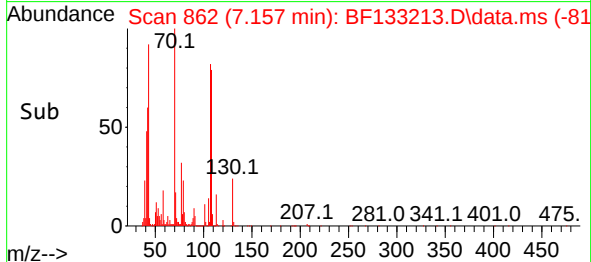
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion: 70 Resp: 426432
Ion Ratio Lower Upper
70 100
42 60.4 51.8 77.6
101 10.6 8.0 12.0
130 23.9 16.8 25.2

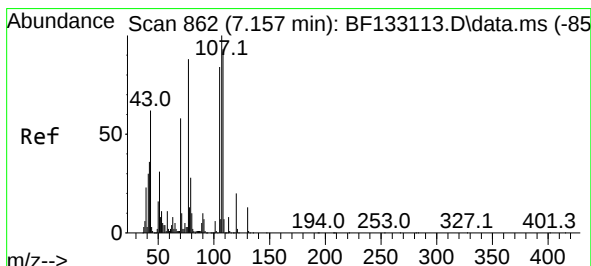
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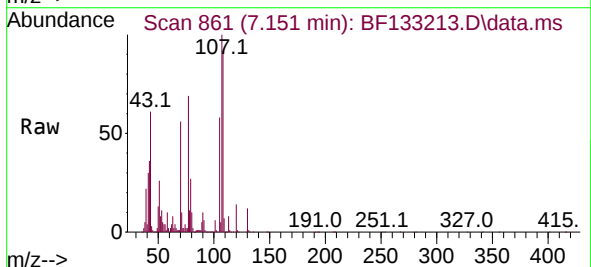


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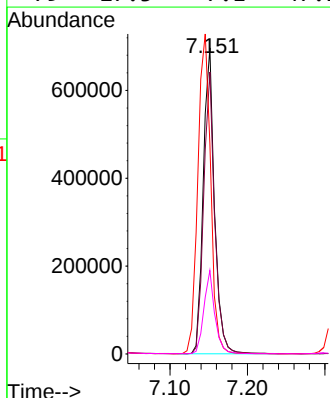
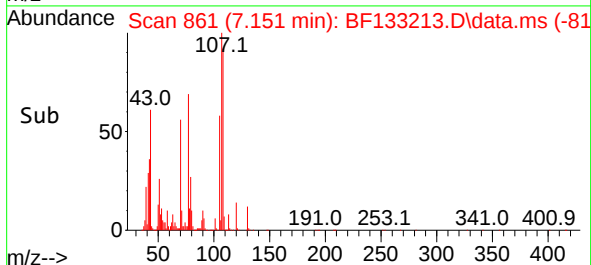
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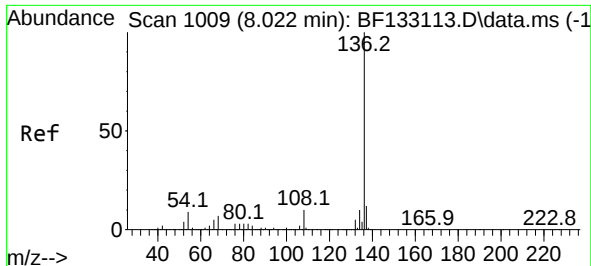


#20
3+4-Methylphenols
Concen: 46.428 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16



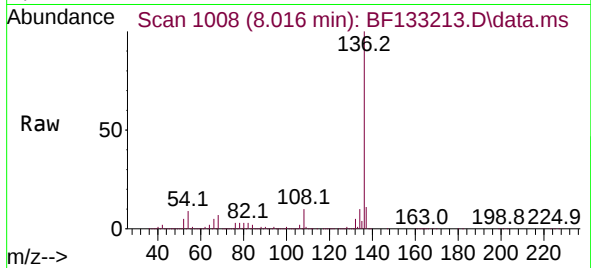
Tgt Ion:107 Resp: 702734
Ion Ratio Lower Upper
107 100
108 92.1 70.5 110.5
77 68.8 91.7 131.7#
79 27.3 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

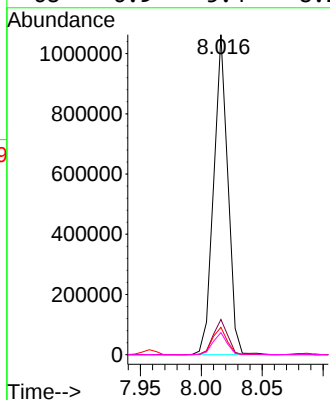
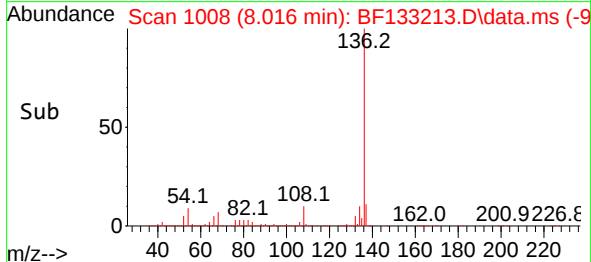
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:136 Resp: 864120
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.5 7.0 10.4
68 6.9 5.4 8.2

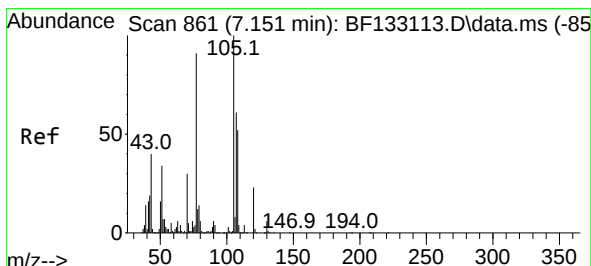
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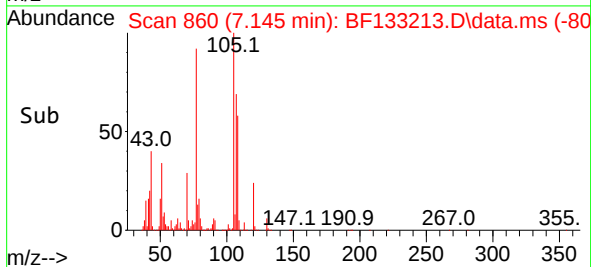
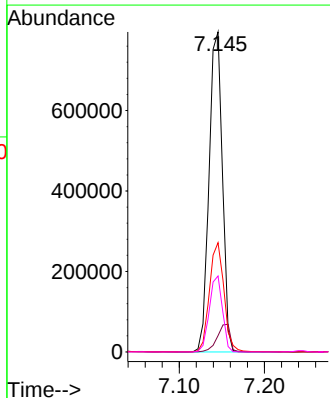
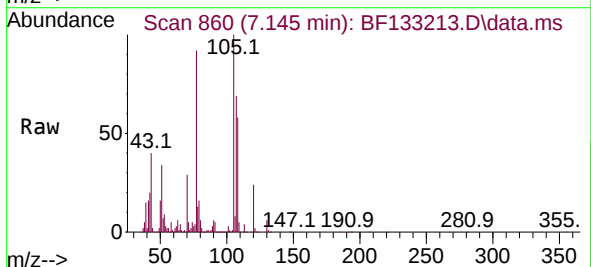
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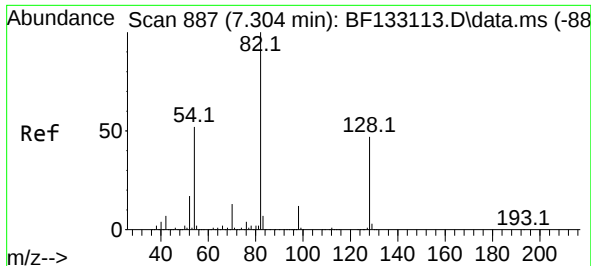
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#22
Acetophenone
Concen: 43.143 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

Tgt Ion:105 Resp: 863610
Ion Ratio Lower Upper
105 100
71 5.1 4.6 7.0
51 34.1 28.2 42.2
120 23.8 18.4 27.6





#23

Nitrobenzene-d5

Concen: 70.710 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF133213.D

Acq: 03 May 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ZONE-A-6-9-05022023MS

Tgt Ion: 82 Resp: 1132000

Ion Ratio Lower Upper

82 100

128 47.5 37.7 56.5

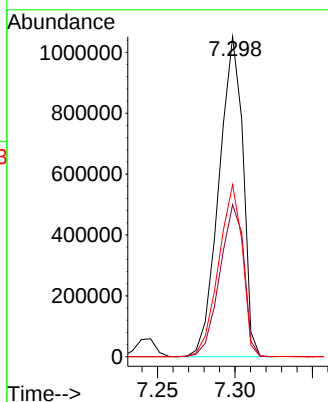
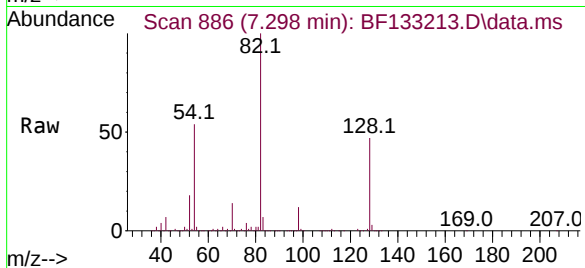
54 53.8 43.0 64.4

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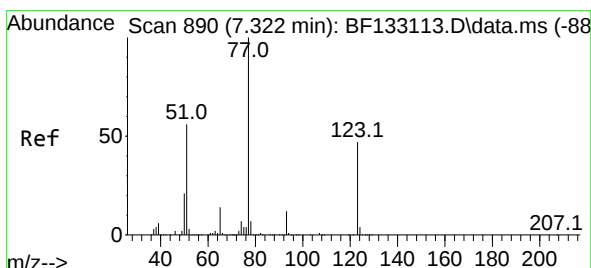
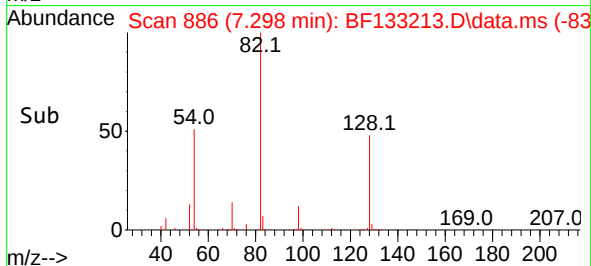
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Upadhyay

05/04/2023



#24

Nitrobenzene

Concen: 41.150 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF133213.D

Acq: 03 May 2023 18:16

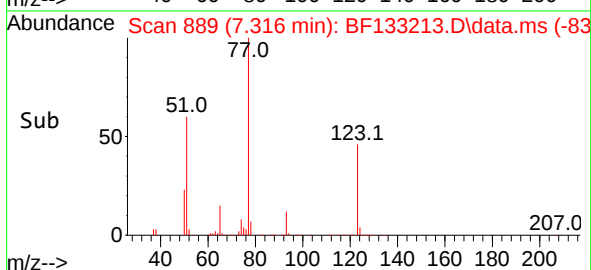
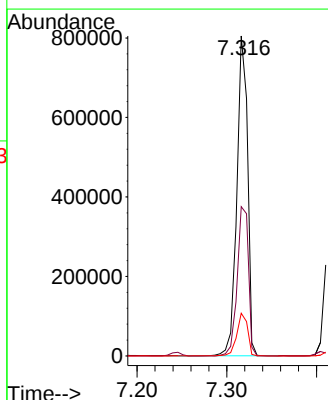
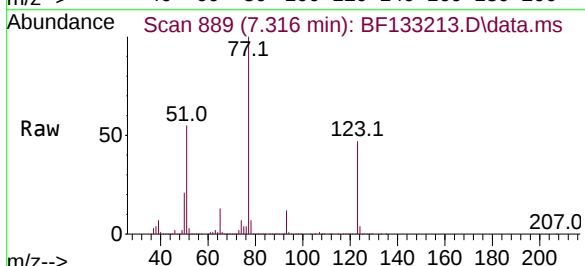
Tgt Ion: 77 Resp: 667552

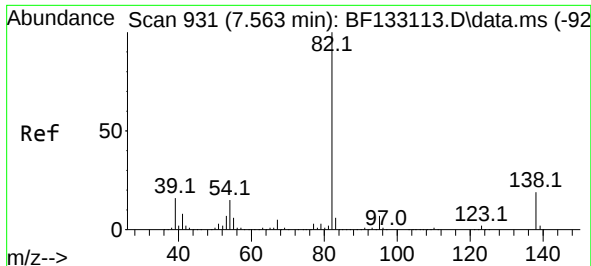
Ion Ratio Lower Upper

77 100

123 46.7 39.9 59.9

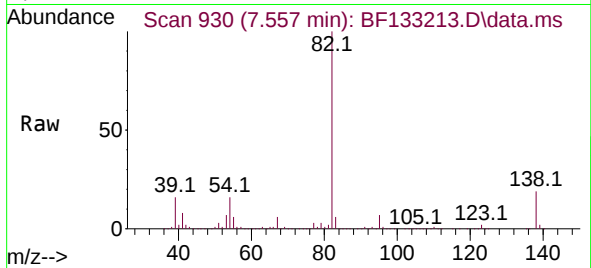
65 13.4 10.7 16.1





#25
Isophorone
Concen: 41.202 ng
RT: 7.557 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

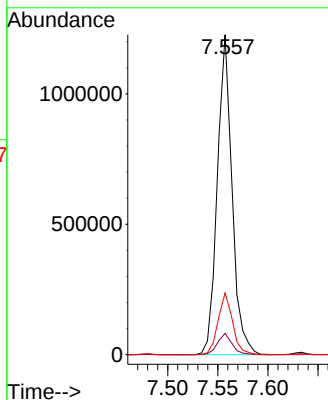
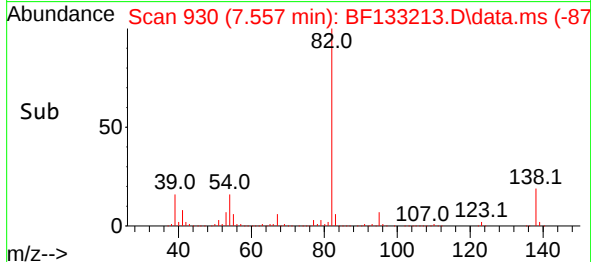
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion: 82 Resp: 125236
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 19.3 16.0 24.0

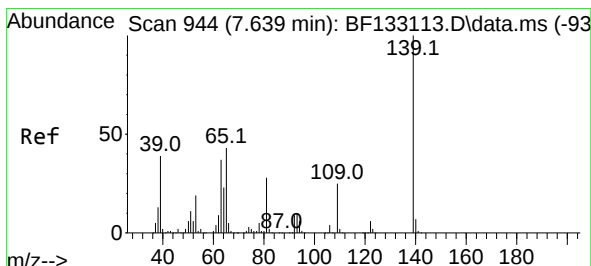
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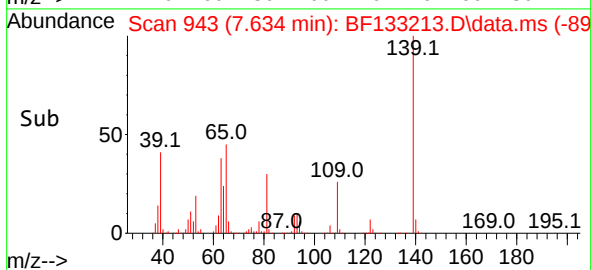
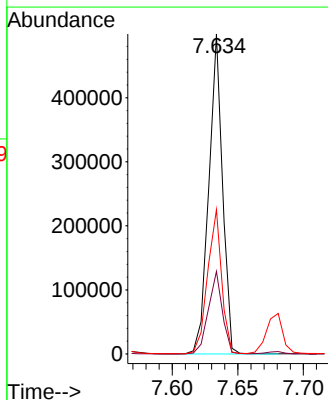
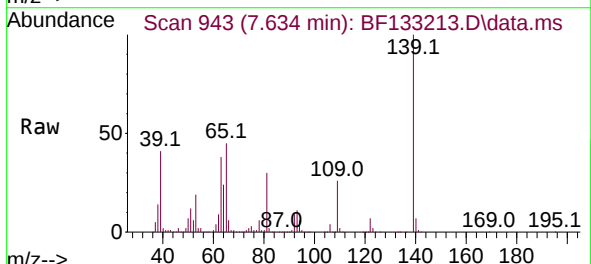
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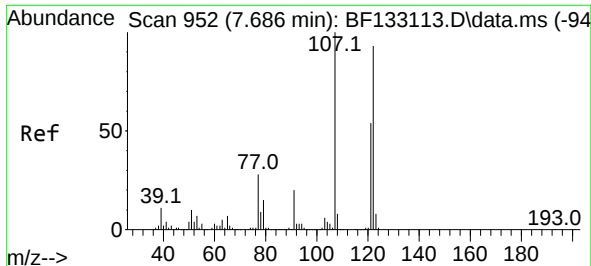
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#26
2-Nitrophenol
Concen: 46.581 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

Tgt Ion:139 Resp: 364478
Ion Ratio Lower Upper
139 100
109 25.8 21.6 32.4
65 45.1 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.687 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF133213.D

Acq: 03 May 2023 18:16

Instrument :

BNA_F

ClientSampleId :

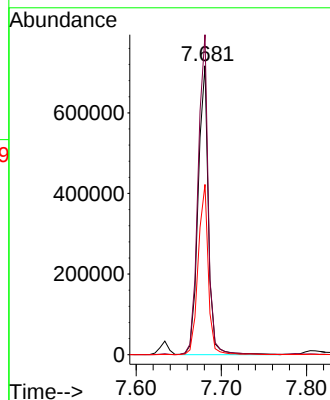
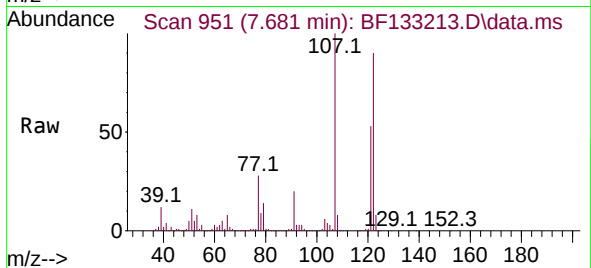
ZONE-A-6-9-05022023MS

Tgt Ion:	122	Resp:	59956
Ion	Ratio	Lower	Upper
122	100		
107	110.8	89.7	134.5
121	58.9	46.0	69.0

Manual Integrations

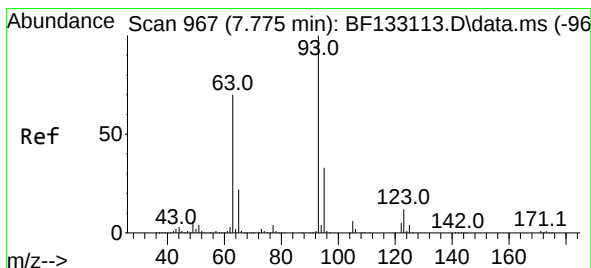
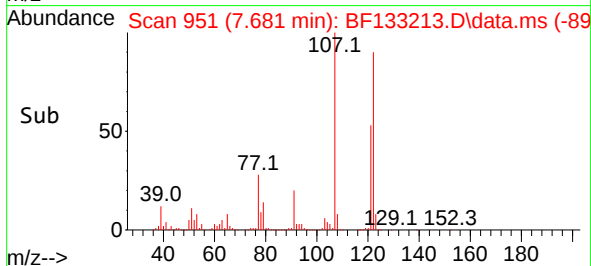
APPROVED

Reviewed By :Christian Giraldo 05/04/2023
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#28

bis(2-Chloroethoxy)methane

Concen: 41.726 ng

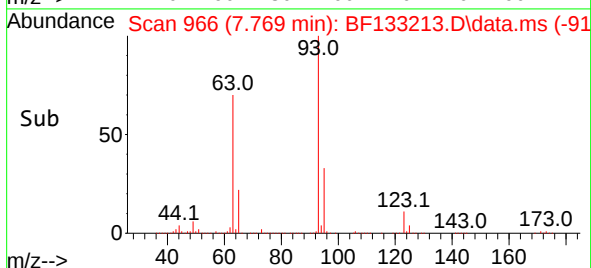
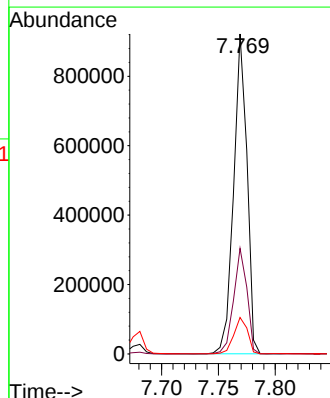
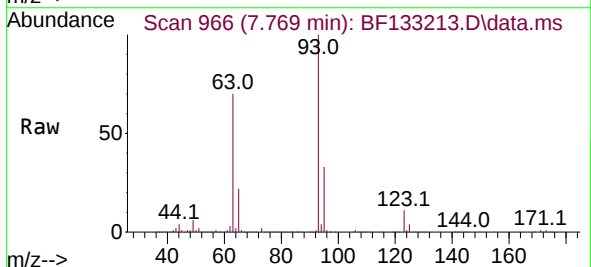
RT: 7.769 min Scan# 966

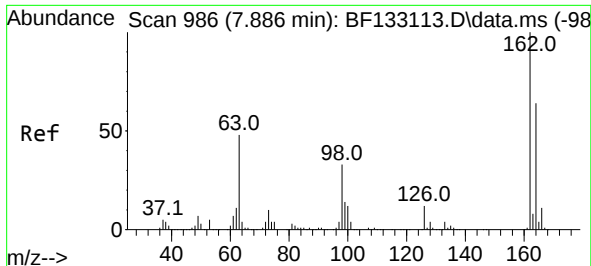
Delta R.T. -0.000 min

Lab File: BF133213.D

Acq: 03 May 2023 18:16

Tgt Ion:	93	Resp:	750308
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	11.4	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 44.530 ng

RT: 7.881 min Scan# 986

Delta R.T. 0.006 min

Lab File: BF133213.D

Acq: 03 May 2023 18:16

Instrument :

BNA_F

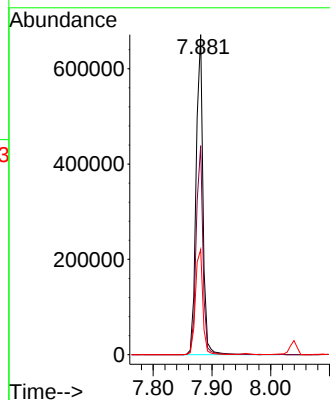
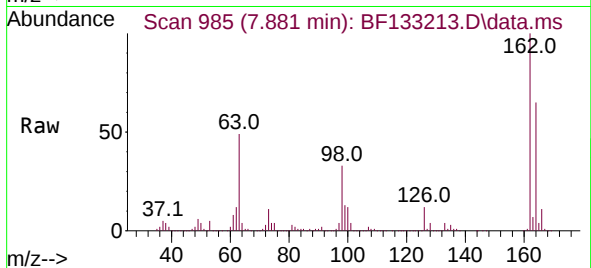
ClientSampleId :

ZONE-A-6-9-05022023MS

Tgt Ion:162 Resp: 54389
 Ion Ratio Lower Upper
 162 100
 164 65.3 43.9 83.9
 98 32.9 17.0 57.0

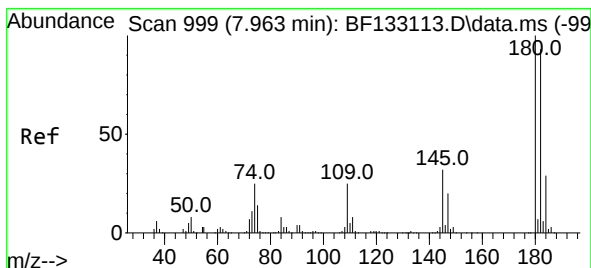
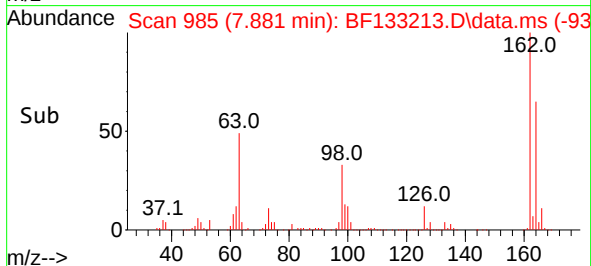
Manual Integrations
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 Upadhyay

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#30

1,2,4-Trichlorobenzene

Concen: 44.108 ng

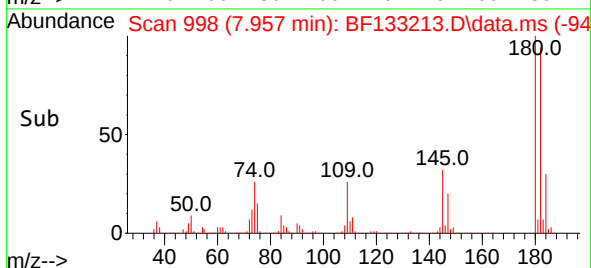
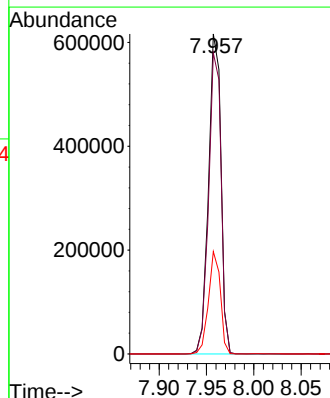
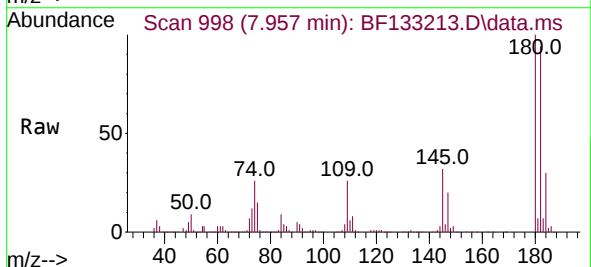
RT: 7.957 min Scan# 998

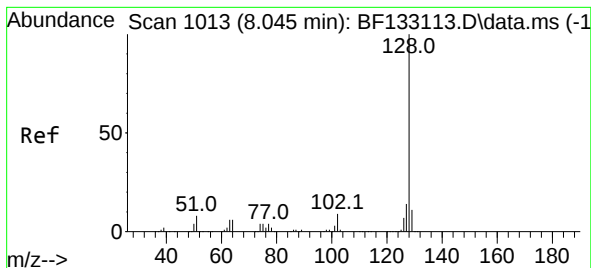
Delta R.T. -0.000 min

Lab File: BF133213.D

Acq: 03 May 2023 18:16

Tgt Ion:180 Resp: 558130
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.9 113.9
 145 32.0 25.3 37.9





#31

Naphthalene

Concen: 42.461 ng

RT: 8.040 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF133213.D

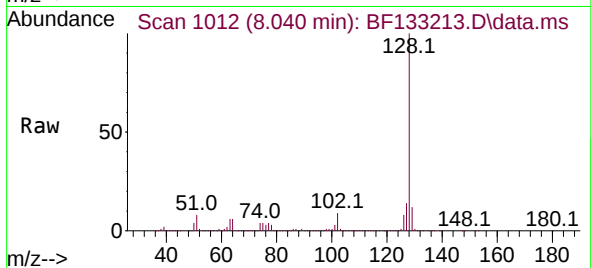
Acq: 03 May 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ZONE-A-6-9-05022023MS



Tgt Ion:128 Resp: 183444

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

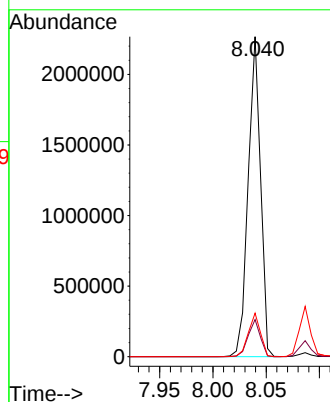
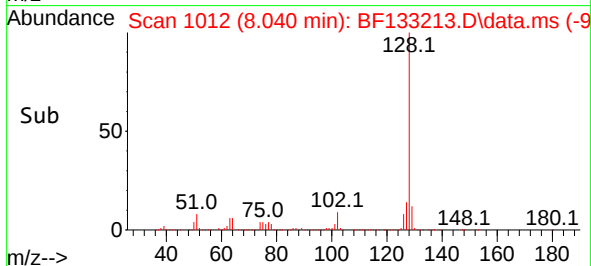
127 13.6 10.7 16.1

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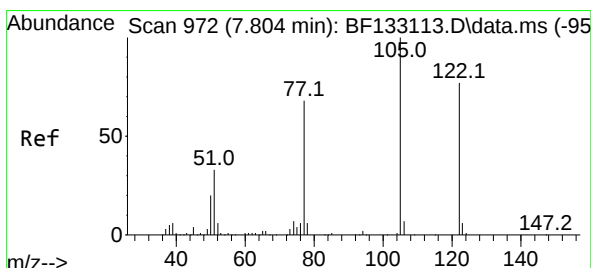
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#32

Benzoic acid

Concen: 3.763 ng m

RT: 7.804 min Scan# 972

Delta R.T. 0.006 min

Lab File: BF133213.D

Acq: 03 May 2023 18:16

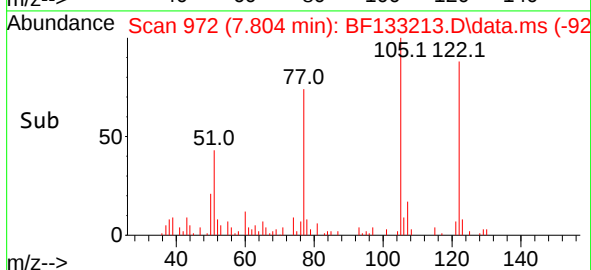
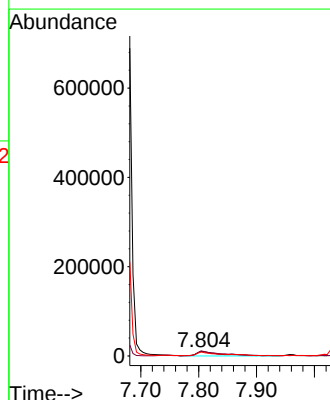
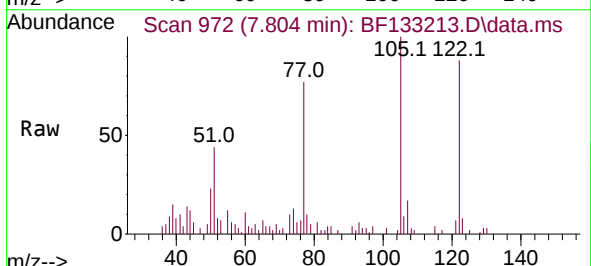
Tgt Ion:122 Resp: 31189

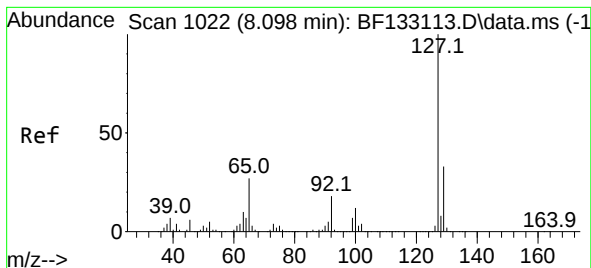
Ion Ratio Lower Upper

122 100

105 113.7 104.2 144.2

77 87.6 69.7 109.7





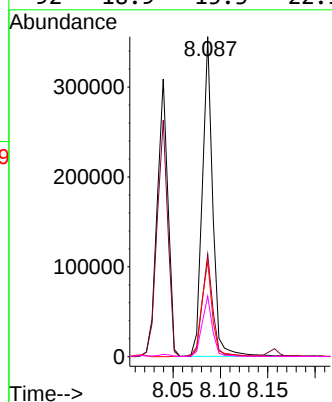
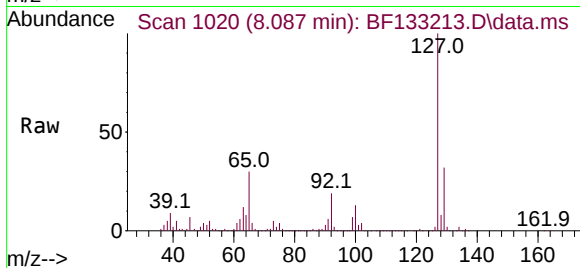
#33
4-Chloroaniline
Concen: 15.505 ng
RT: 8.087 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS

Tgt Ion:	127	Resp:	27065
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.8	38.8
65	29.9	23.6	35.4
92	18.9	15.3	22.9

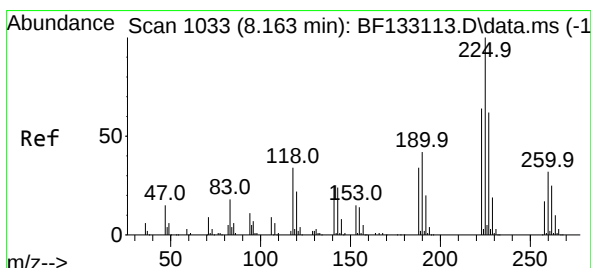
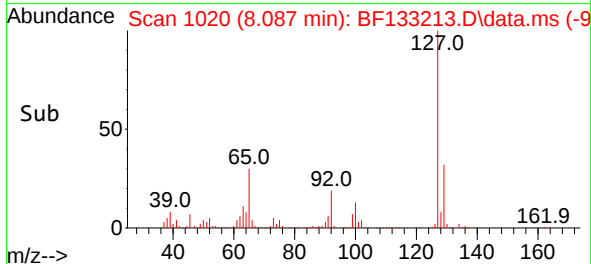
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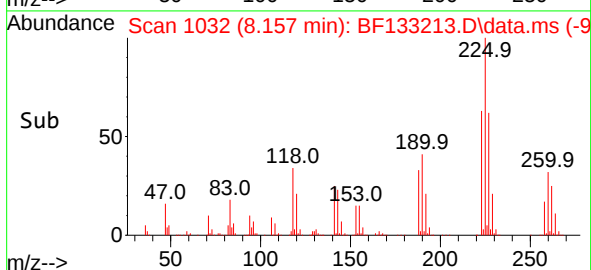
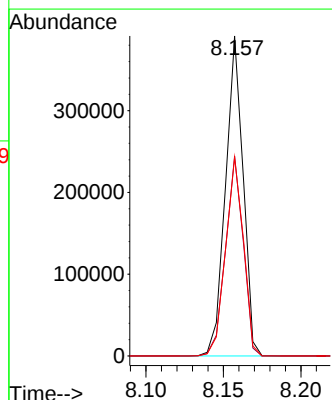
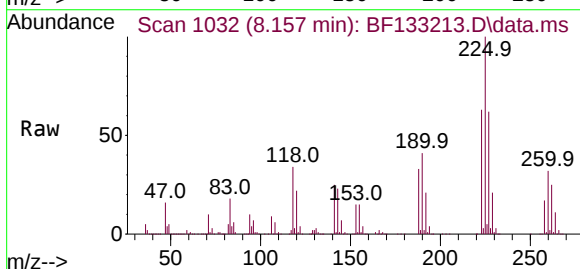
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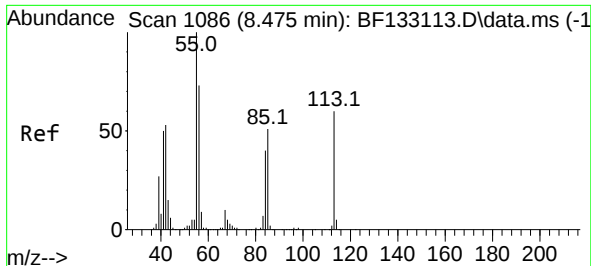
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#34
Hexachlorobutadiene
Concen: 43.981 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

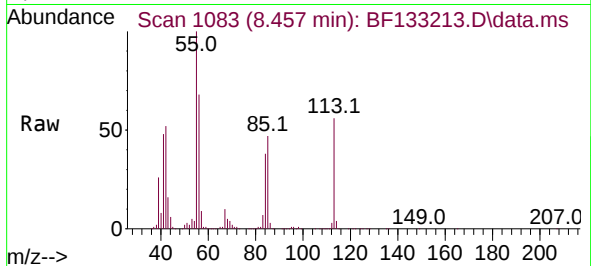
Tgt Ion:	225	Resp:	308452
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.9	76.3
227	62.1	50.3	75.5





#35
Caprolactam
Concen: 37.990 ng m
RT: 8.457 min Scan# 1086
Delta R.T. -0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

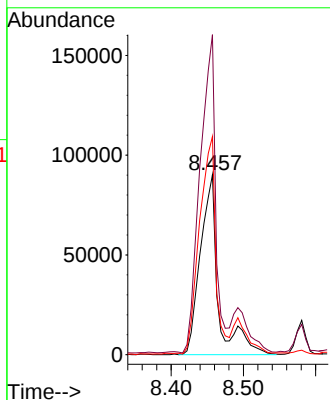
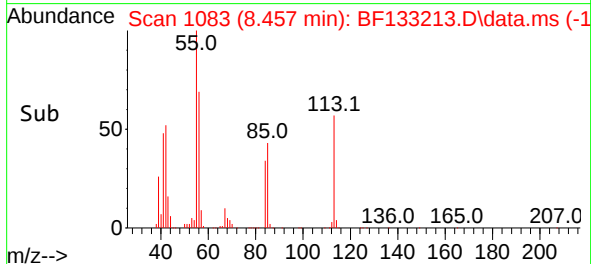
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:113 Resp: 15588
Ion Ratio Lower Upper
113 100
55 178.0 167.1 207.1
56 121.3 114.5 154.5

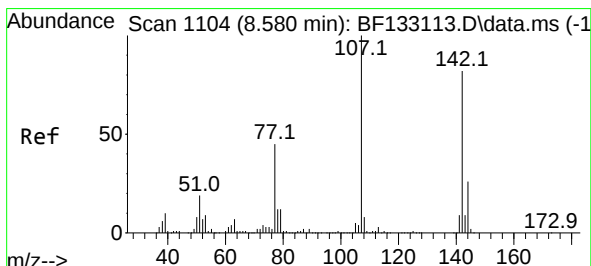
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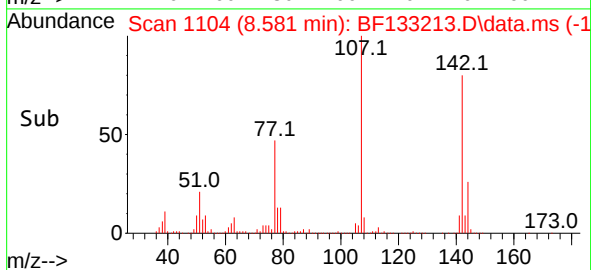
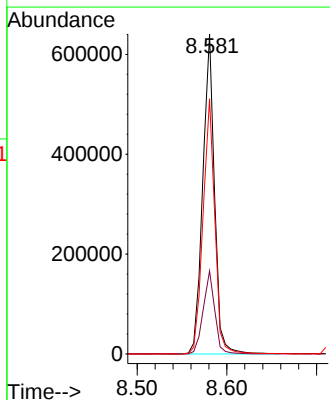
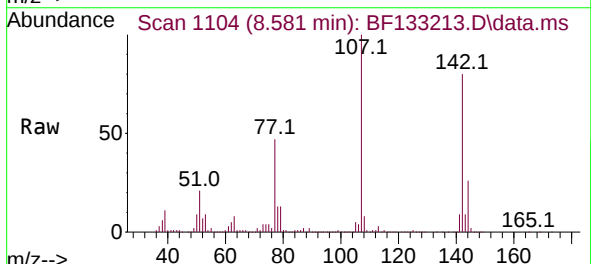
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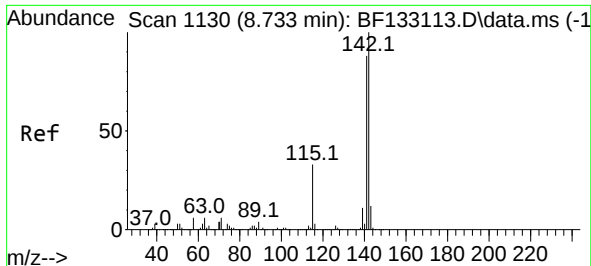
05/04/2023



#36
4-Chloro-3-methylphenol
Concen: 44.266 ng
RT: 8.581 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

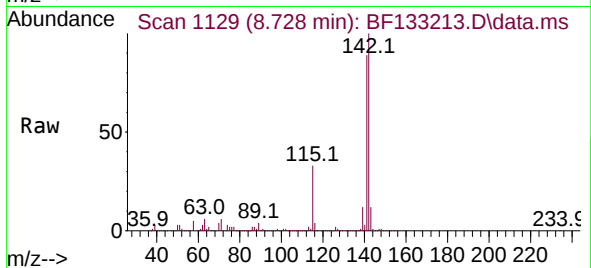
Tgt Ion:107 Resp: 583045
Ion Ratio Lower Upper
107 100
144 26.0 20.6 30.8
142 79.7 62.8 94.2





#37
2-Methylnaphthalene
Concen: 41.101 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

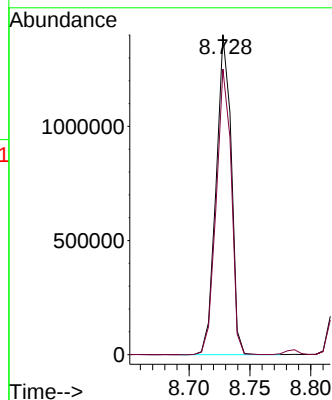
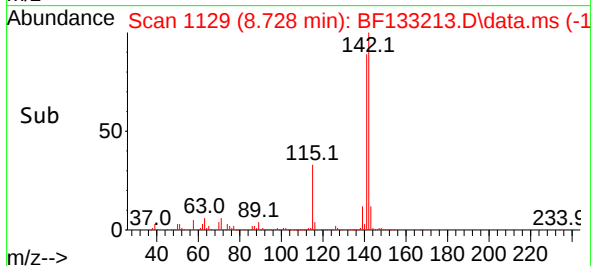
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:142 Resp: 1214009
Ion Ratio Lower Upper
142 100
141 89.3 69.4 104.0

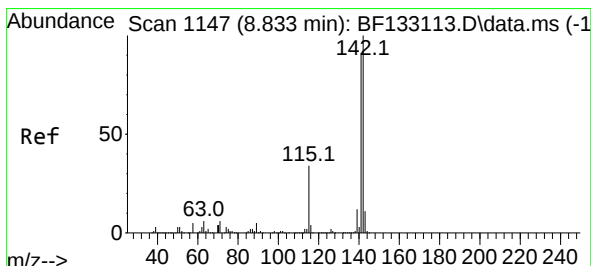
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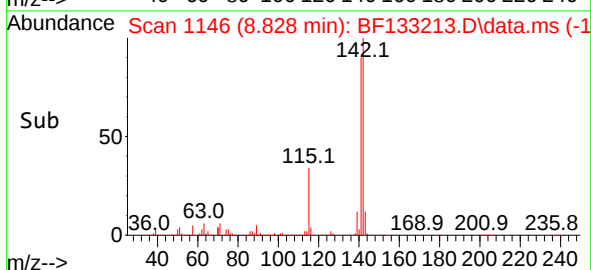
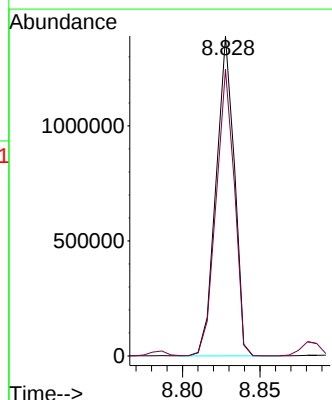
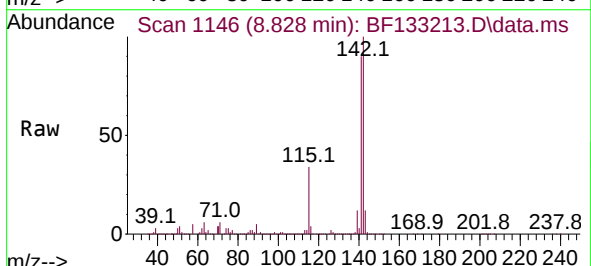
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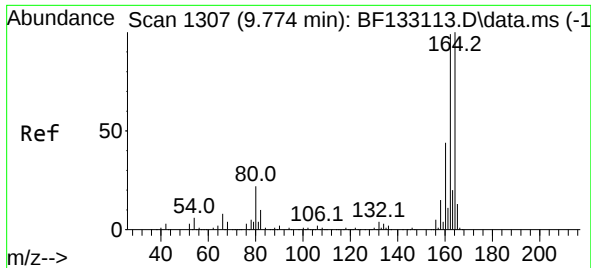
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#38
1-Methylnaphthalene
Concen: 41.239 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

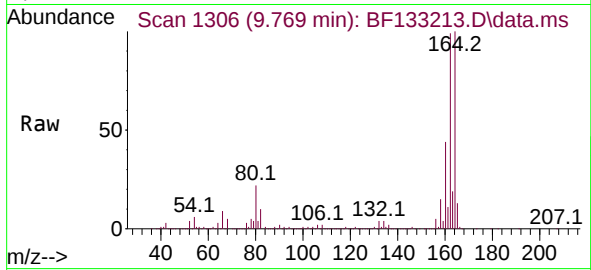
Tgt Ion:142 Resp: 1139489
Ion Ratio Lower Upper
142 100
141 89.6 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 11306
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

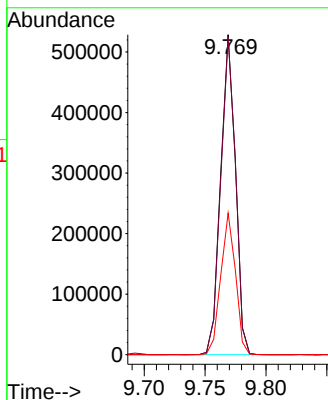
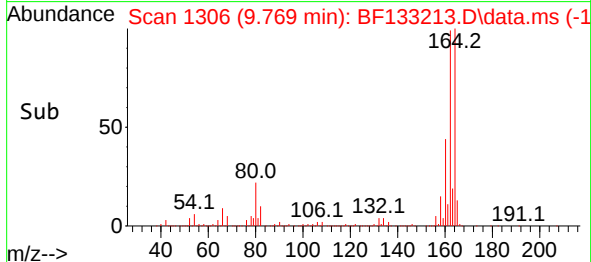
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:164 Resp: 44747
Ion Ratio Lower Upper
164 100
162 99.3 78.7 118.1
160 44.3 35.8 53.6

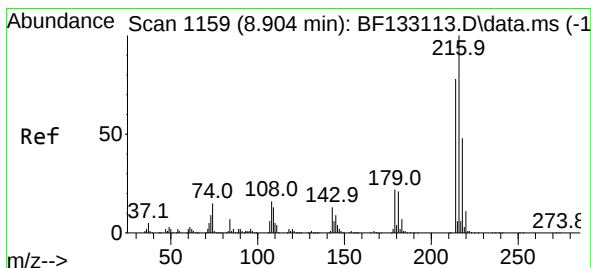
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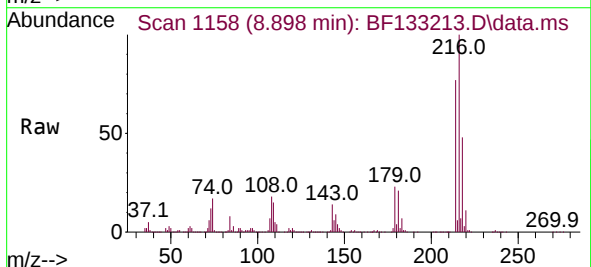


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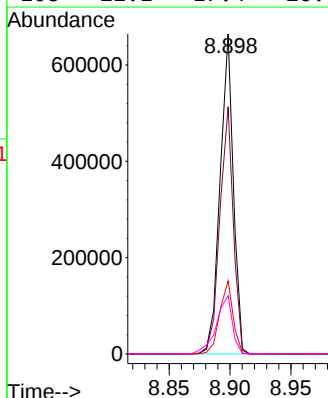
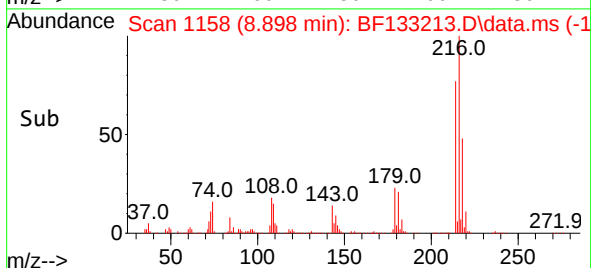
05/04/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.931 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16



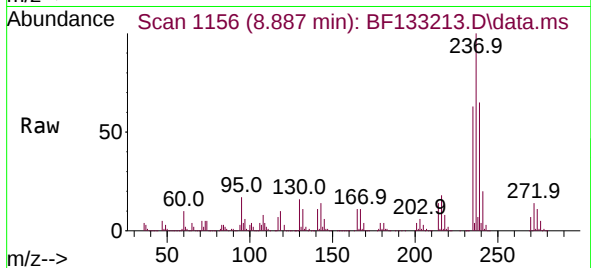
Tgt Ion:216 Resp: 504478
Ion Ratio Lower Upper
216 100
214 78.5 63.5 95.3
179 22.9 17.4 26.2
108 22.1 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 63.306 ng
RT: 8.887 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

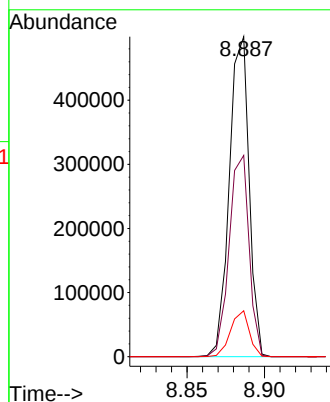
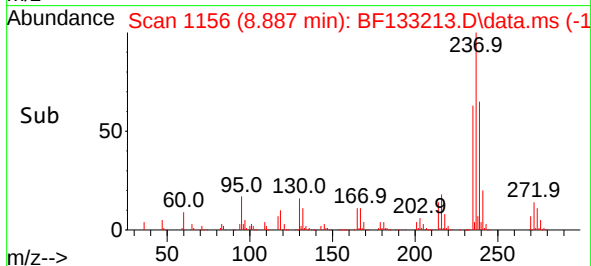
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion: 237 Resp: 444190
Ion Ratio Lower Upper
237 100
235 62.9 43.5 83.5
272 14.3 0.0 32.7

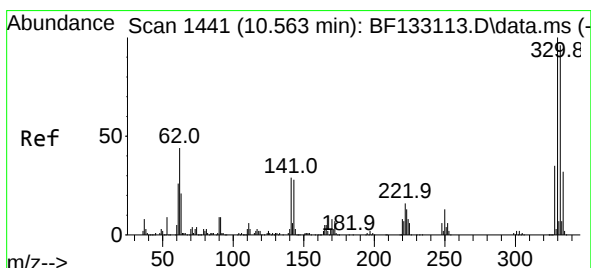
Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/04/2023
Supervised By : Jagrut Upadhyay 05/04/2023

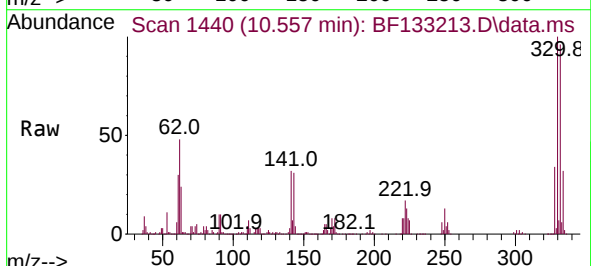


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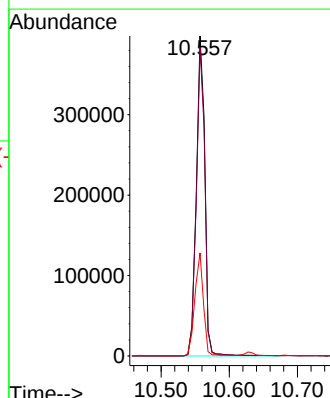
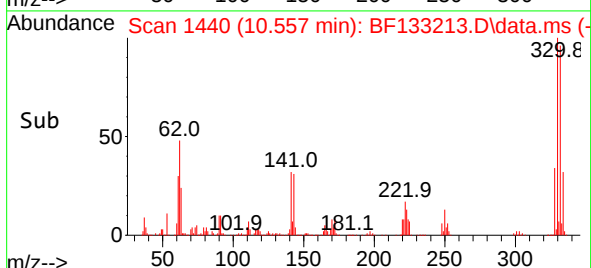
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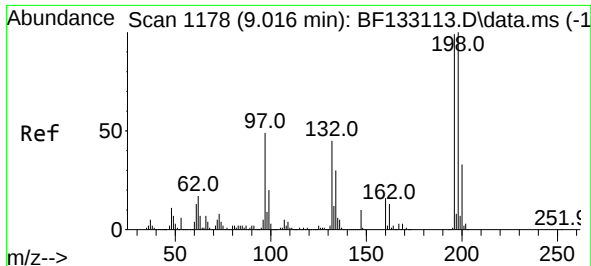


#42
2,4,6-Tribromophenol
Concen: 76.592 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16



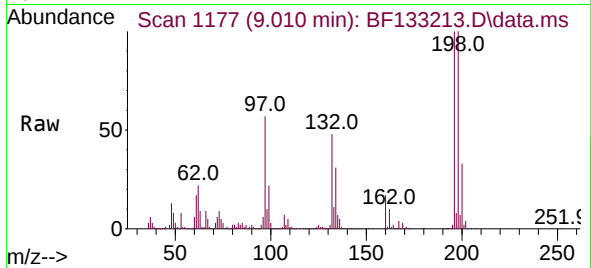
Tgt Ion: 330 Resp: 344678
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 32.1 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 38.481 ng
RT: 9.010 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

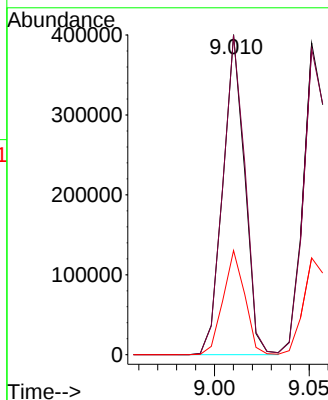
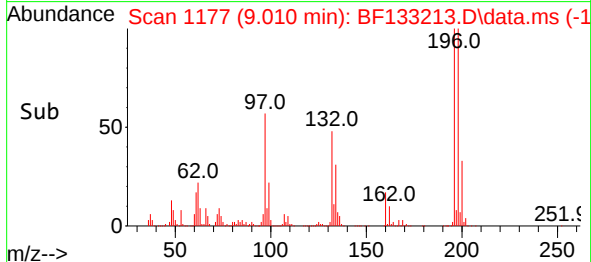
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:196 Resp: 320178
Ion Ratio Lower Upper
196 100
198 99.9 81.0 121.6
200 32.6 26.1 39.1

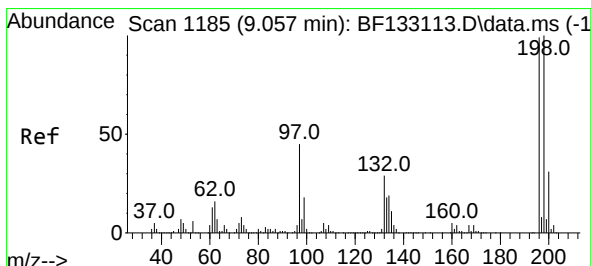
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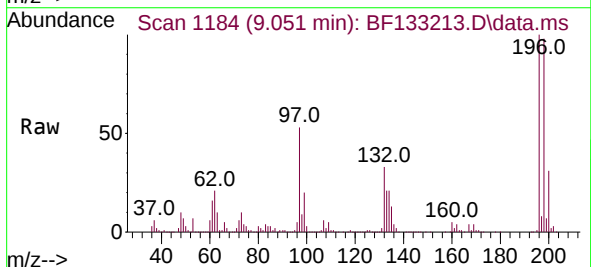


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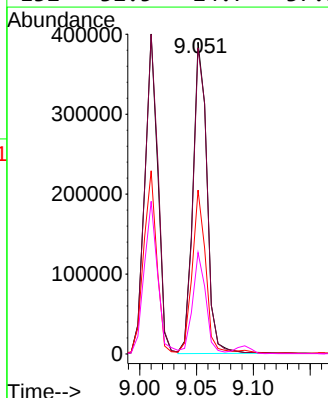
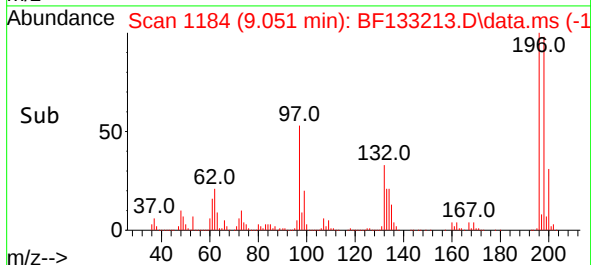
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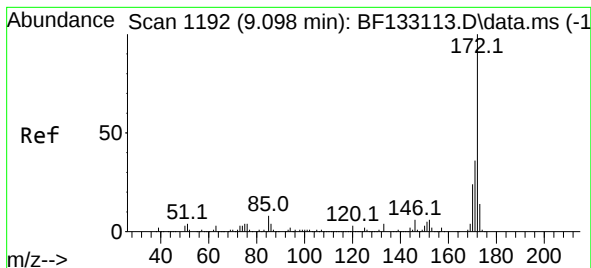


#44
2,4,5-Trichlorophenol
Concen: 34.899 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16



Tgt Ion:196 Resp: 335825
Ion Ratio Lower Upper
196 100
198 98.2 80.9 121.3
97 52.6 41.3 61.9
132 32.5 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 68.849 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133213.D

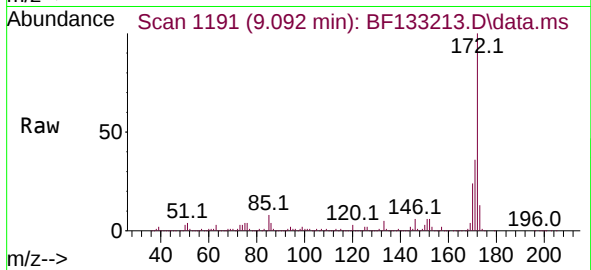
Acq: 03 May 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ZONE-A-6-9-05022023MS



Tgt Ion:172 Resp: 1841490

Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

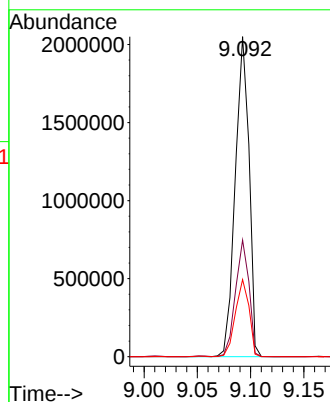
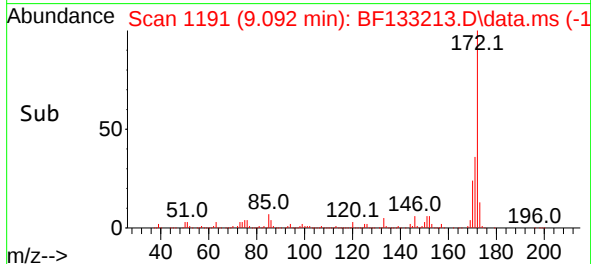
170 24.1 19.4 29.2

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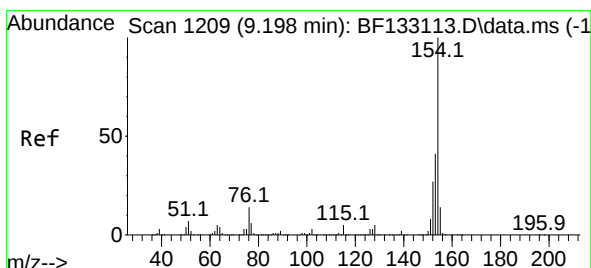
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#46

1,1'-Biphenyl

Concen: 41.719 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF133213.D

Acq: 03 May 2023 18:16

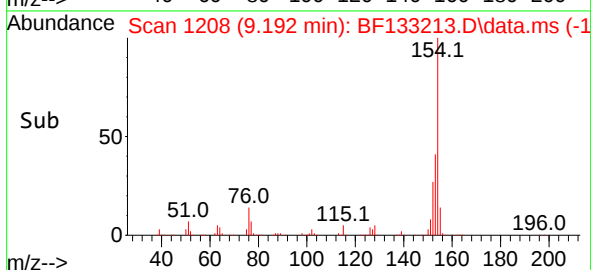
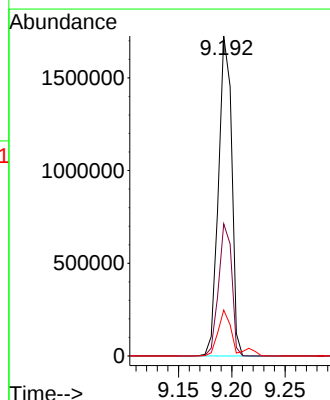
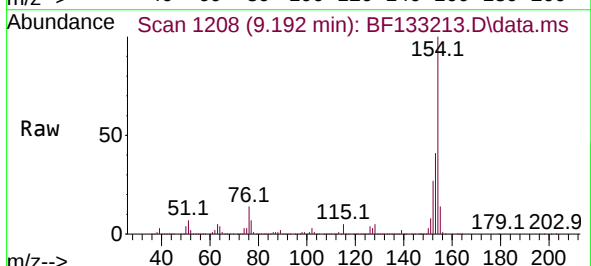
Tgt Ion:154 Resp: 1480298

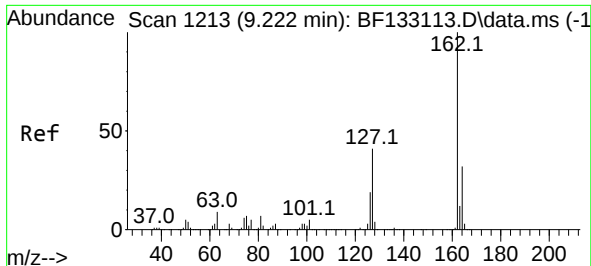
Ion Ratio Lower Upper

154 100

153 41.3 21.0 61.0

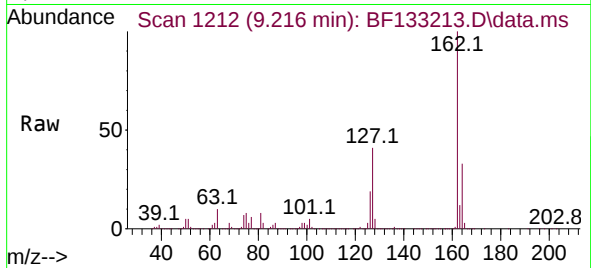
76 14.4 0.0 34.5





#47
2-Chloronaphthalene
Concen: 43.157 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

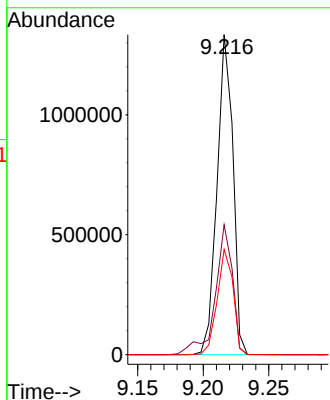
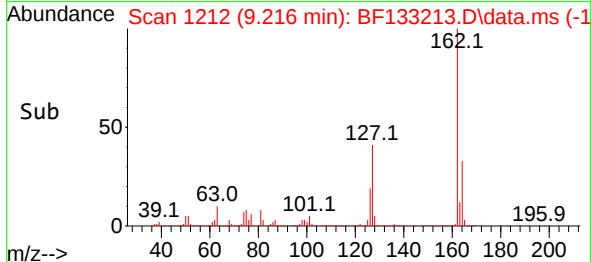
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:162 Resp: 1120829
Ion Ratio Lower Upper
162 100
127 40.6 32.3 48.5
164 32.9 26.8 40.2

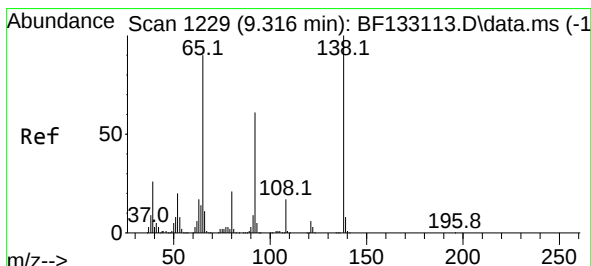
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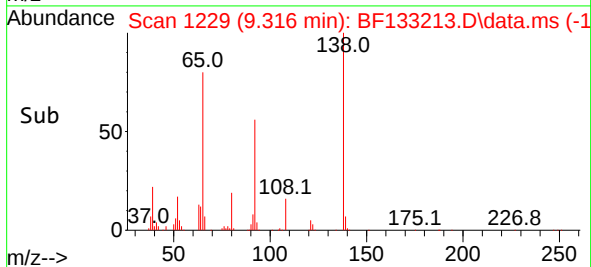
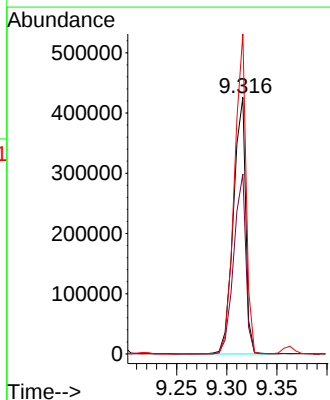
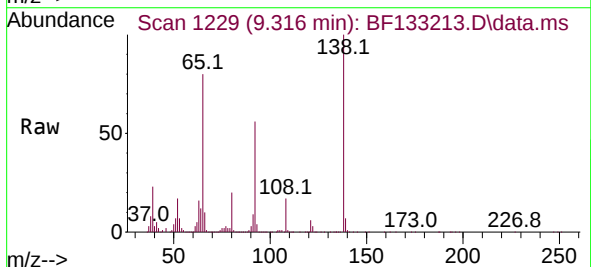
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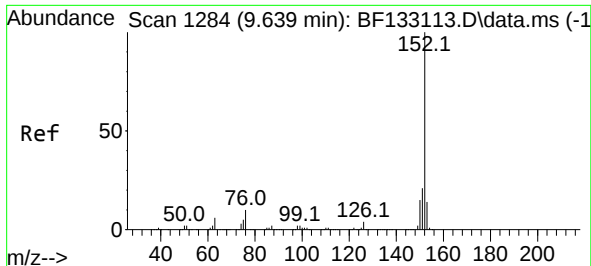
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#48
2-Nitroaniline
Concen: 42.530 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

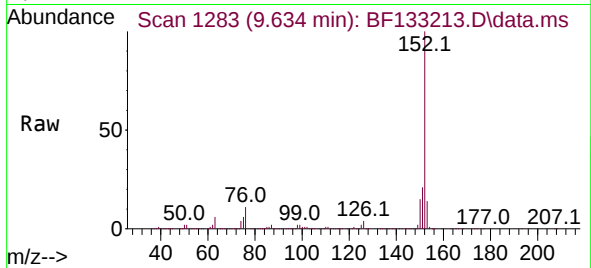
Tgt Ion: 65 Resp: 365047
Ion Ratio Lower Upper
65 100
92 70.1 55.4 83.0
138 124.7 98.2 147.2





#49
Acenaphthylene
Concen: 41.716 ng
RT: 9.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

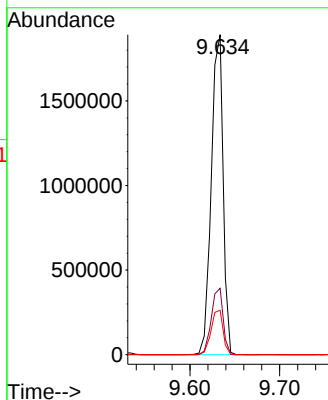
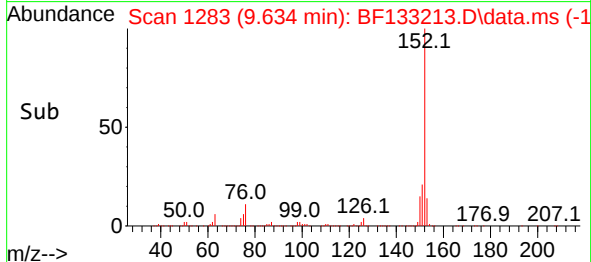
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 1731124
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 13.9 11.5 17.3

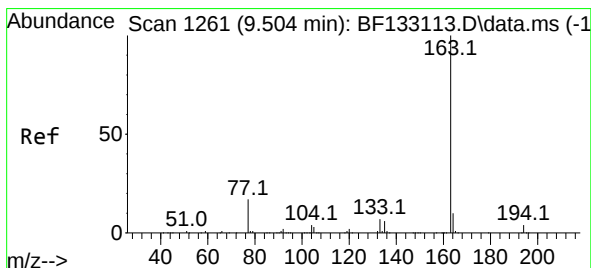
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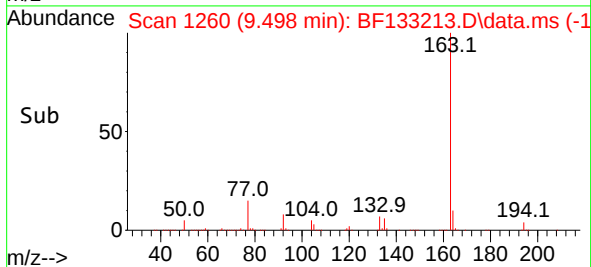
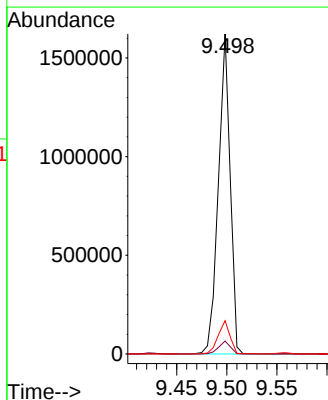
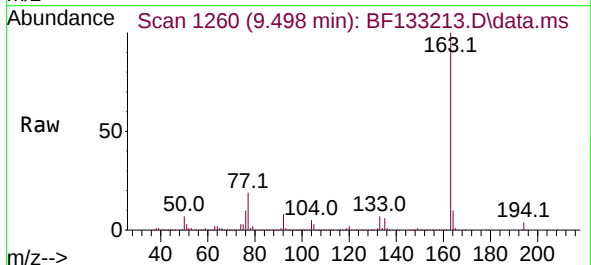
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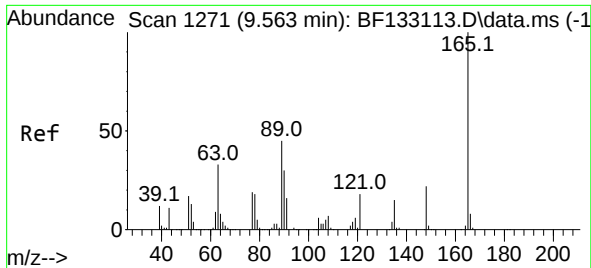
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#50
Dimethylphthalate
Concen: 42.415 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

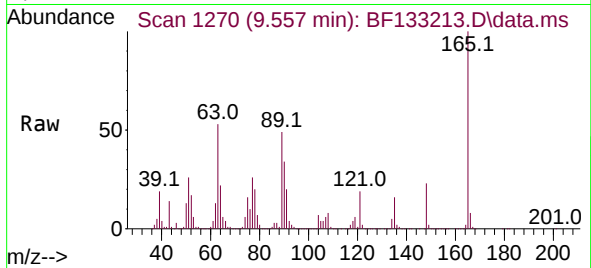
Tgt Ion:163 Resp: 1323399
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.4 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 43.902 ng
RT: 9.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

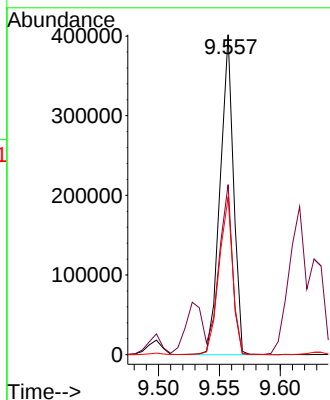
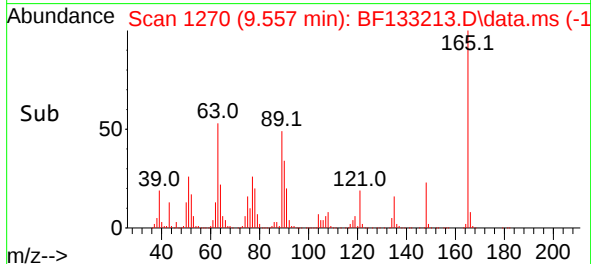
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:165 Resp: 308310
Ion Ratio Lower Upper
165 100
63 53.1 45.9 68.9
89 49.2 44.0 66.0

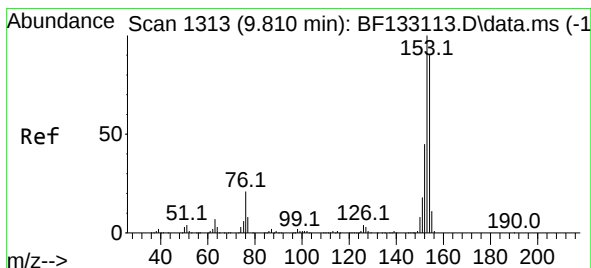
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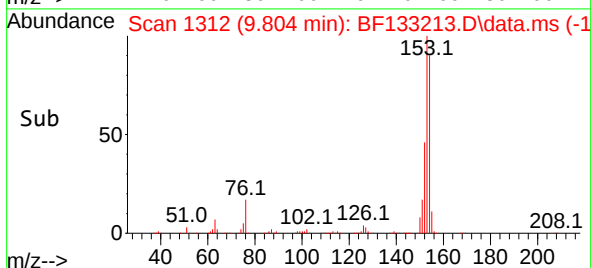
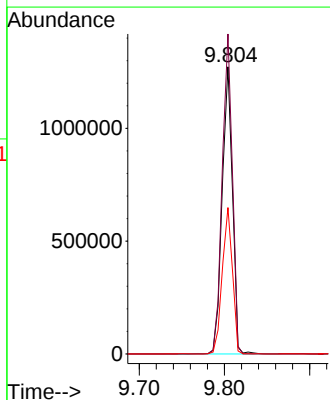
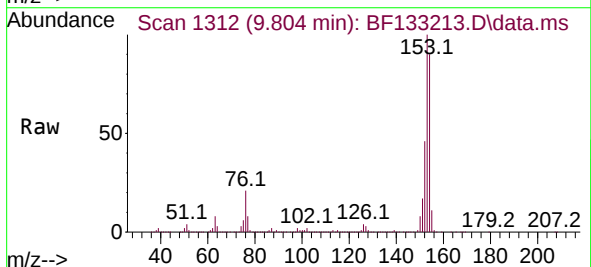
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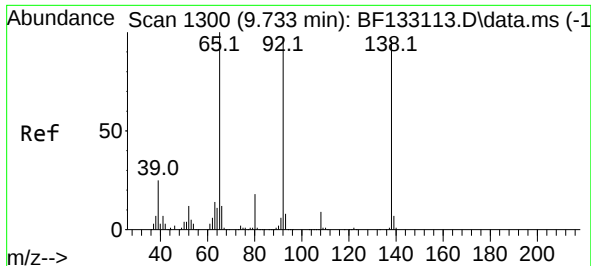
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#52
Acenaphthene
Concen: 38.485 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

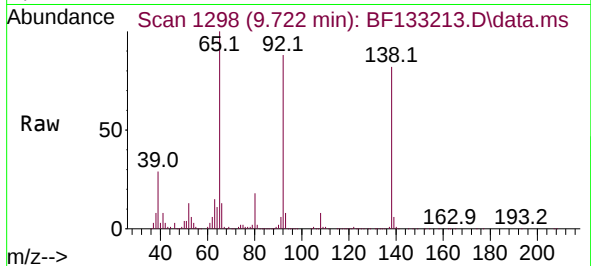
Tgt Ion:154 Resp: 1069612
Ion Ratio Lower Upper
154 100
153 111.4 89.0 133.6
152 51.0 40.4 60.6





#53
3-Nitroaniline
Concen: 31.547 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

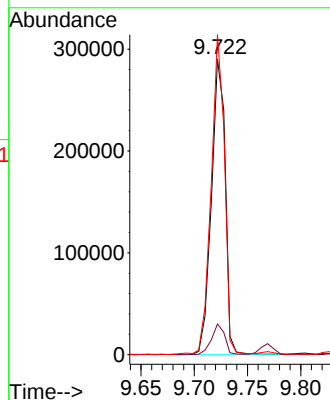
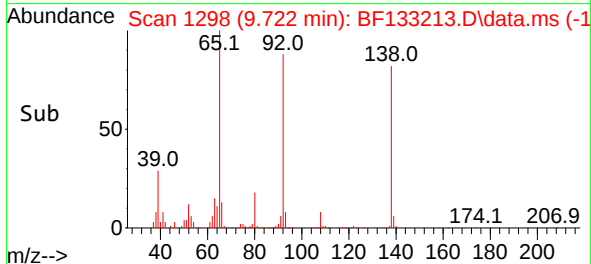
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:138 Resp: 26342
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 108.3 83.6 125.4

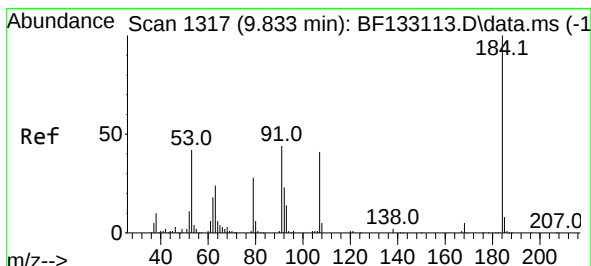
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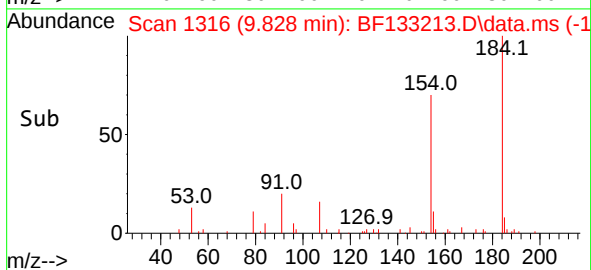
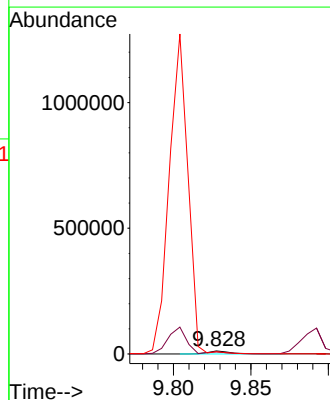
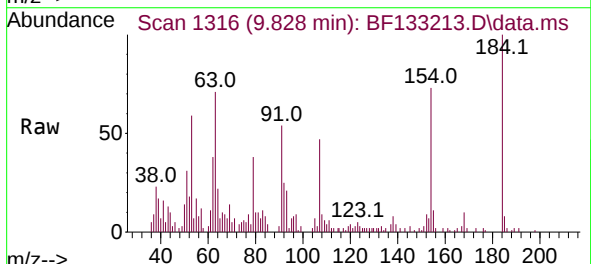
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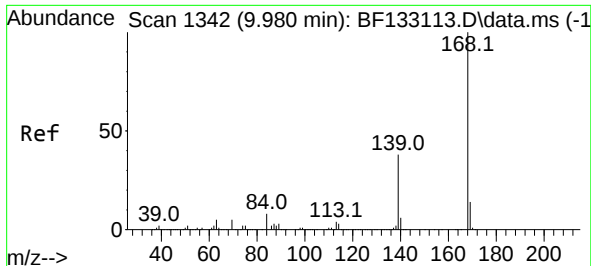
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#54
2,4-Dinitrophenol
Concen: 3.437 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

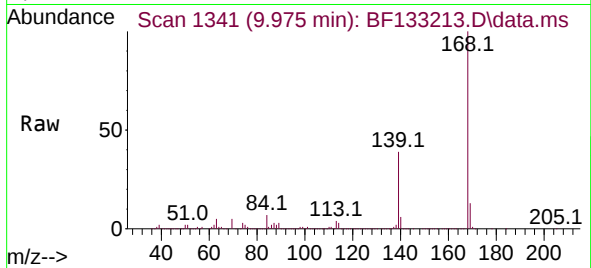
Tgt Ion:184 Resp: 12131
Ion Ratio Lower Upper
184 100
63 70.6 49.8 74.8
154 73.3 49.5 74.3





#55
Dibenzenofuran
Concen: 40.638 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

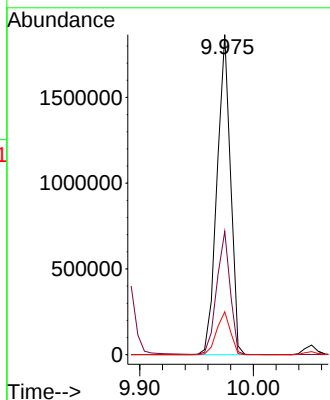
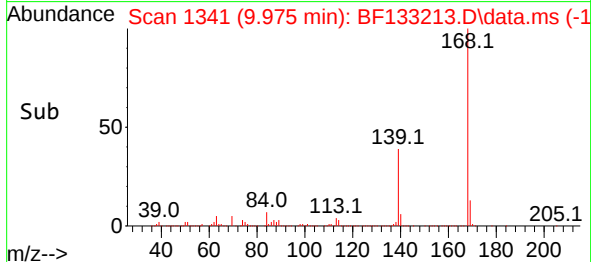
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:168 Resp: 154069
Ion Ratio Lower Upper
168 100
139 38.5 29.8 44.8
169 13.4 10.8 16.2

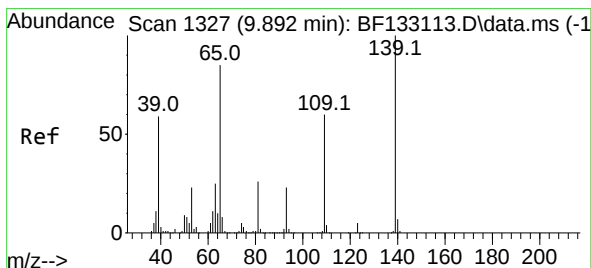
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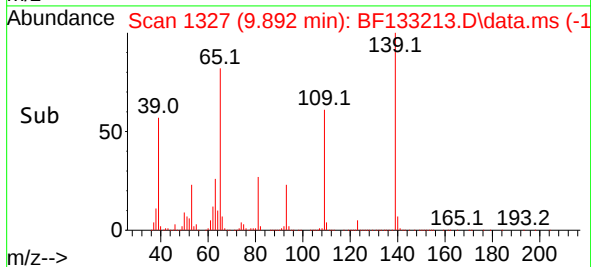
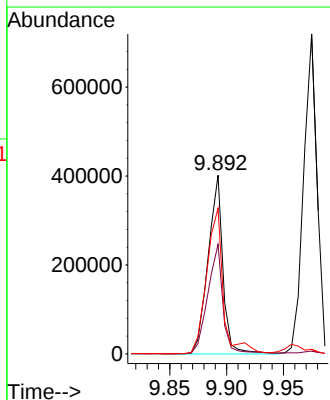
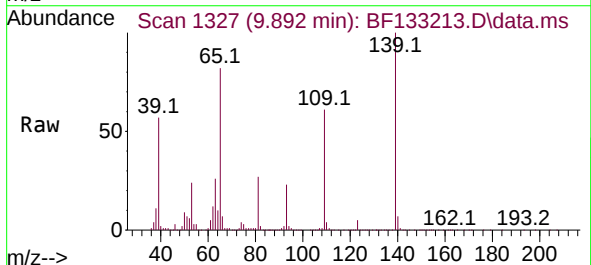
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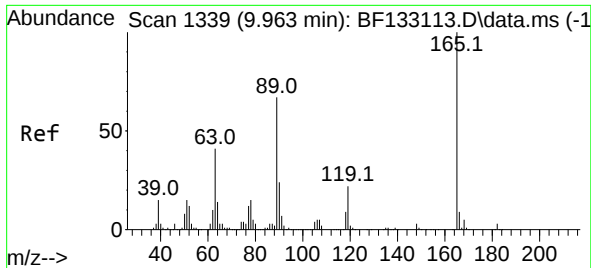
05/04/2023



#56
4-Nitrophenol
Concen: 56.505 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

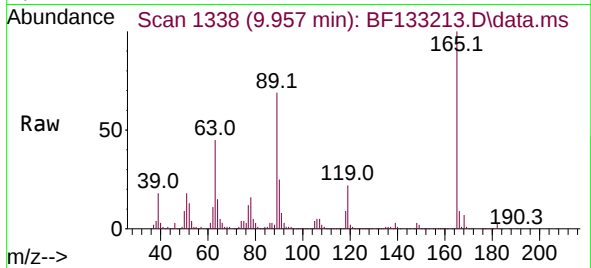
Tgt Ion:139 Resp: 365436
Ion Ratio Lower Upper
139 100
109 61.4 39.4 79.4
65 81.6 57.5 97.5





#57
2,4-Dinitrotoluene
Concen: 44.271 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

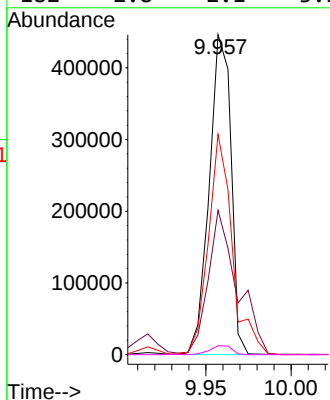
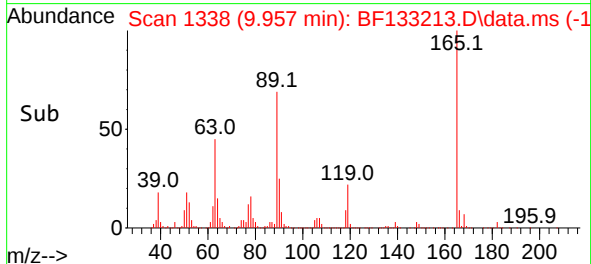
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:165 Resp: 39648
Ion Ratio Lower Upper
165 100
63 45.1 37.7 56.5
89 68.9 57.0 85.4
182 2.8 2.1 3.1

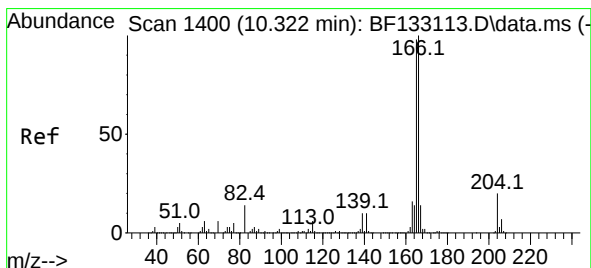
Manual Integrations
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Supervised By :Jagrut Upadhyay 05/04/2023



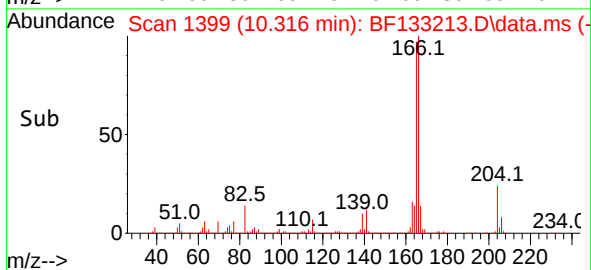
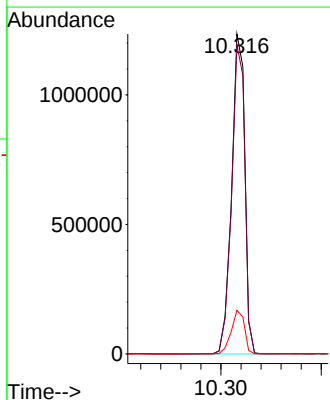
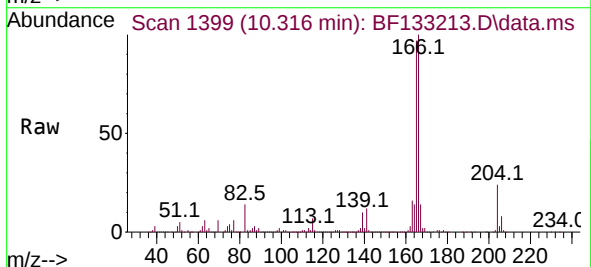
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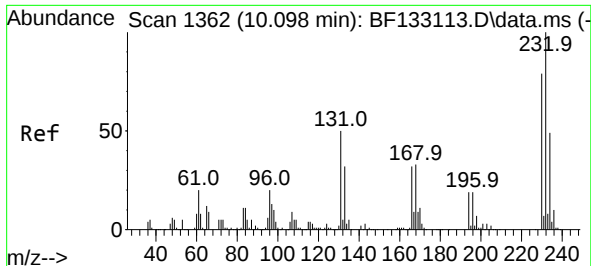
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#58
Fluorene
Concen: 40.583 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

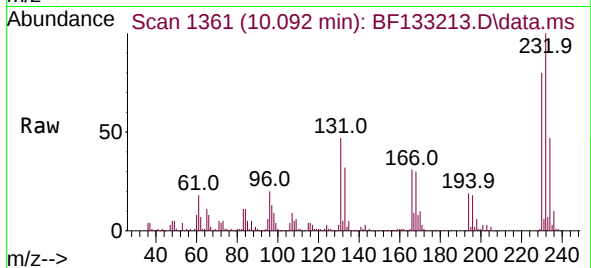
Tgt Ion:166 Resp: 1127245
Ion Ratio Lower Upper
166 100
165 96.7 78.6 117.8
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 26.347 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

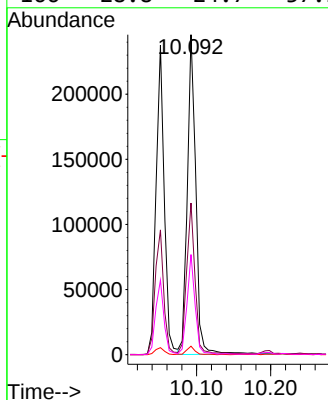
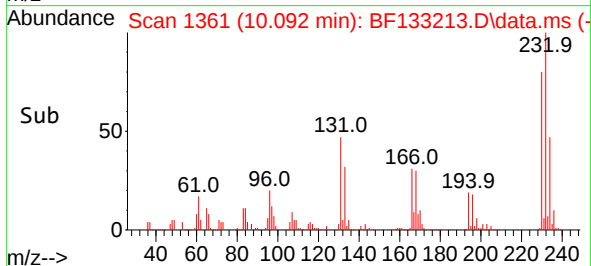
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:232 Resp: 19655
Ion Ratio Lower Upper
232 100
131 46.3 38.0 57.0
130 2.7 1.8 2.8
166 28.8 24.7 37.1

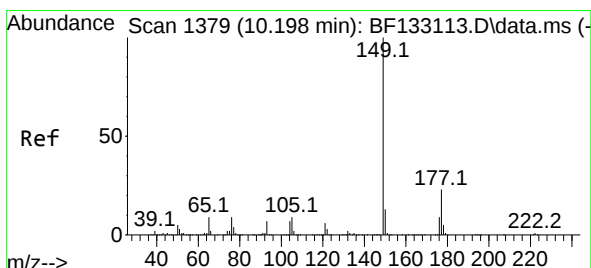
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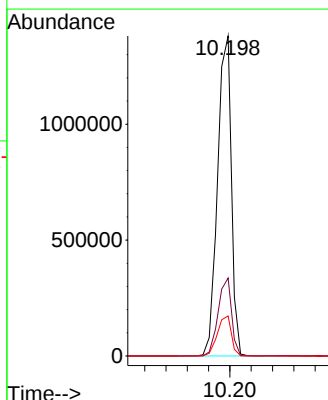
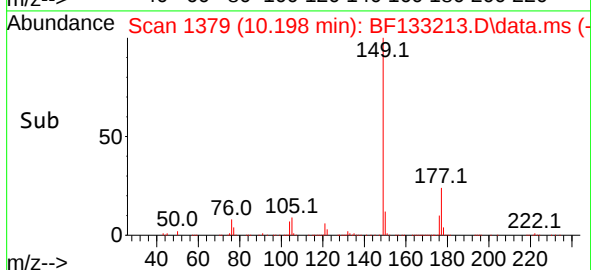
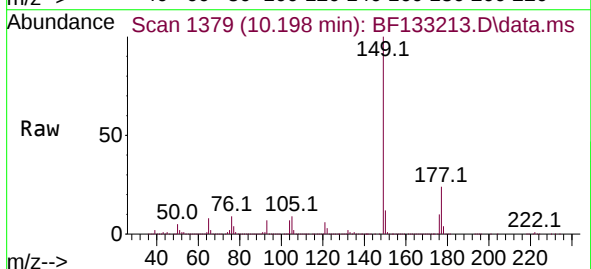
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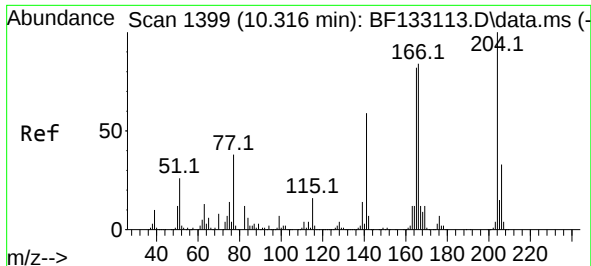
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#60
Diethylphthalate
Concen: 41.971 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

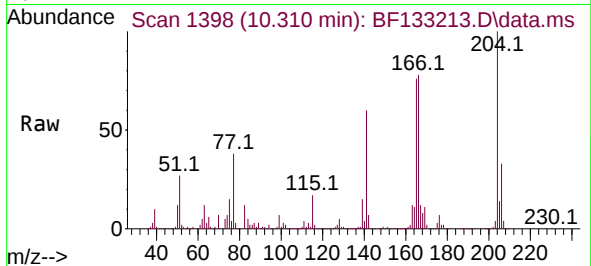
Tgt Ion:149 Resp: 1236961
Ion Ratio Lower Upper
149 100
177 24.4 18.2 27.4
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 40.363 ng
RT: 10.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

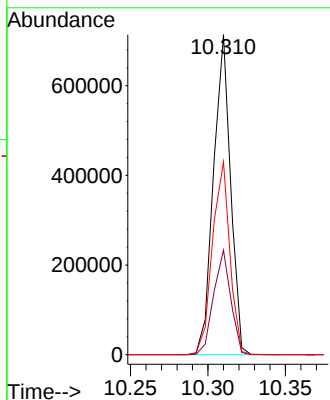
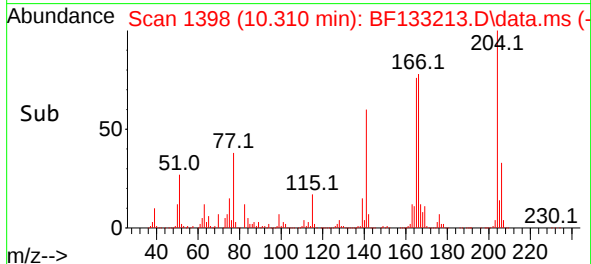
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:204 Resp: 546350
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 60.3 46.1 69.1

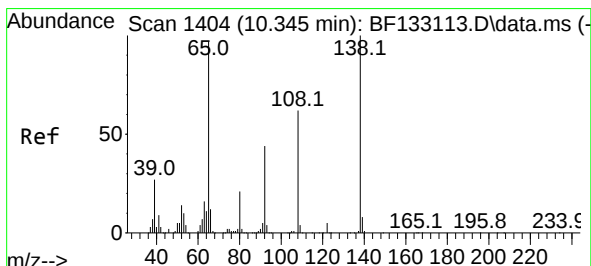
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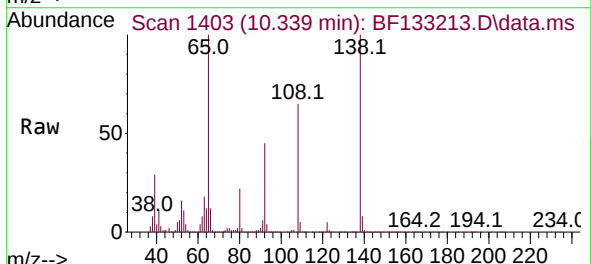


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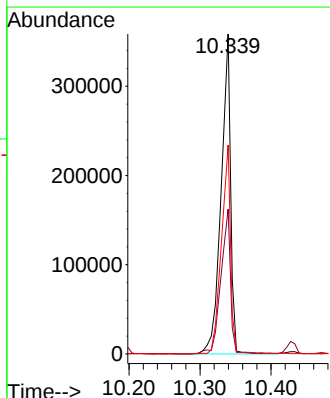
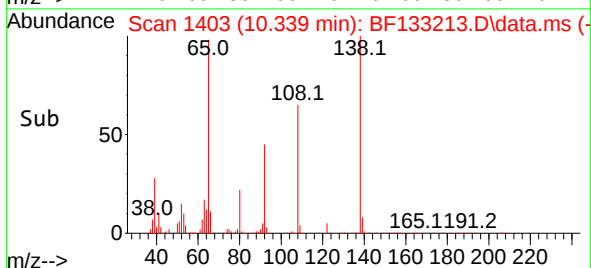
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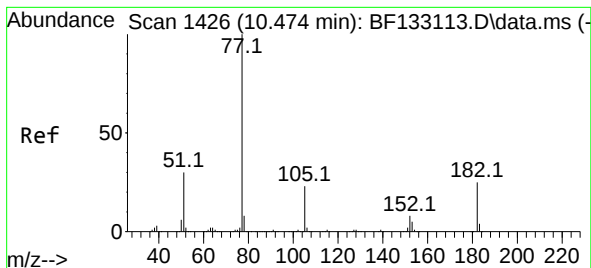


#62
4-Nitroaniline
Concen: 43.363 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16



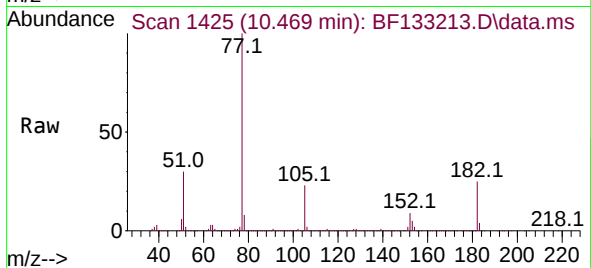
Tgt Ion:138 Resp: 332792
Ion Ratio Lower Upper
138 100
92 45.3 27.7 67.7
108 65.3 45.2 85.2





#63
Azobenzene
Concen: 40.393 ng
RT: 10.469 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

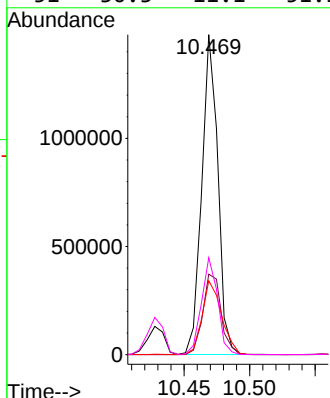
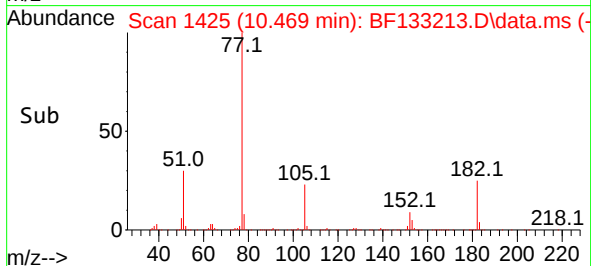
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion: 77 Resp: 1261080
Ion Ratio Lower Upper
77 100
182 25.2 5.9 45.9
105 23.1 2.3 42.3
51 30.3 11.1 51.1

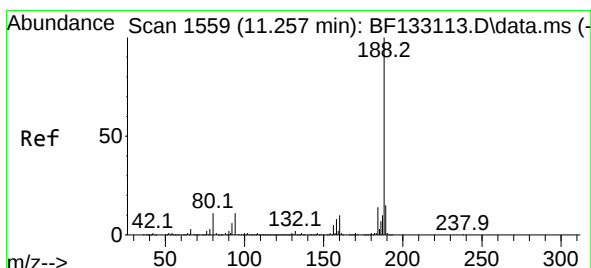
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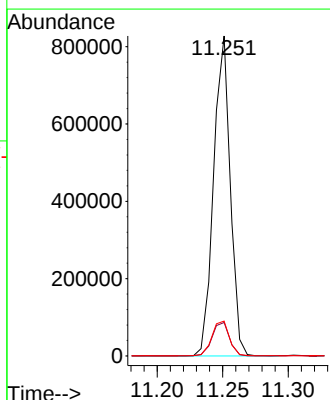
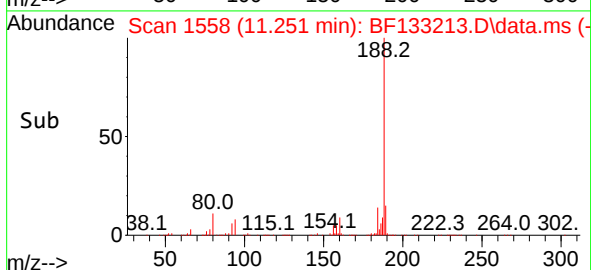
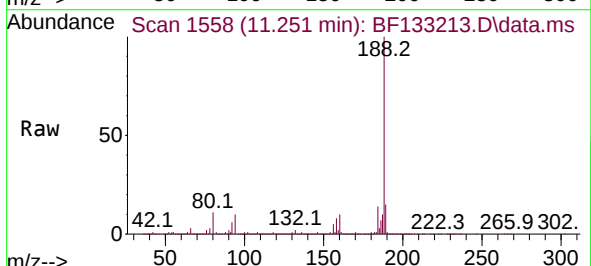
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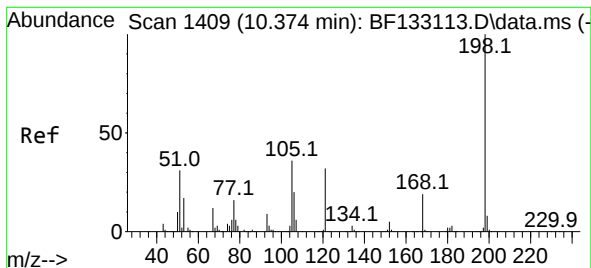
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

Tgt Ion:188 Resp: 729277
Ion Ratio Lower Upper
188 100
94 10.5 9.7 14.5
80 10.9 10.4 15.6





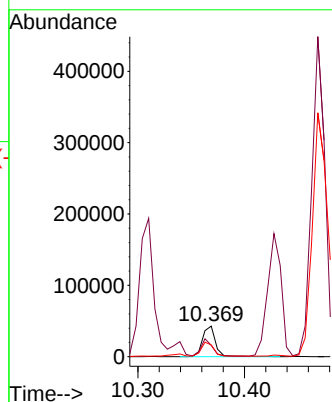
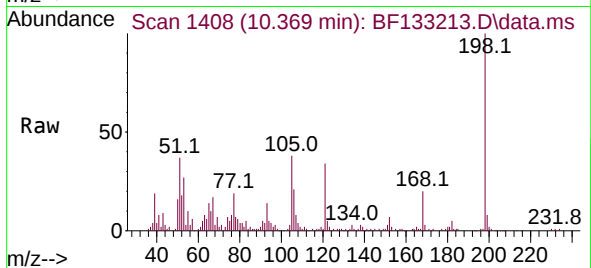
#65
4,6-Dinitro-2-methylphenol
Concen: 8.182 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS

Tgt Ion:198 Resp: 3616
Ion Ratio Lower Upper
198 100
51 37.2 15.5 55.5
105 38.2 16.7 56.7

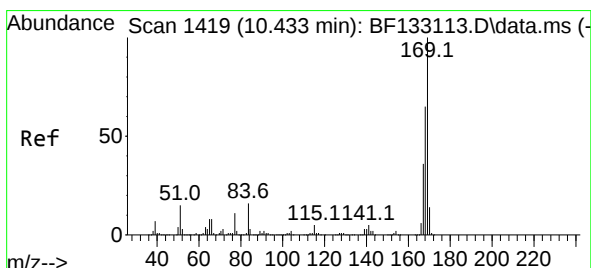
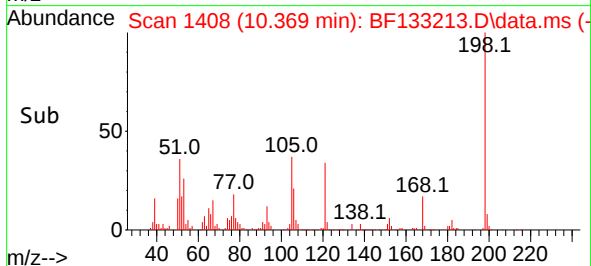
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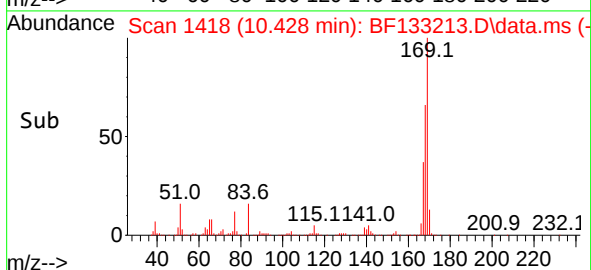
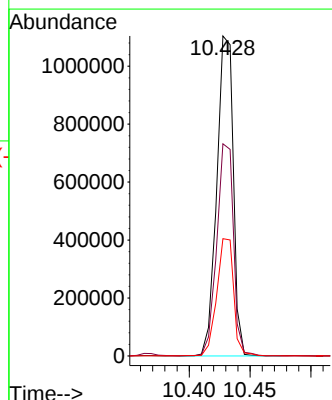
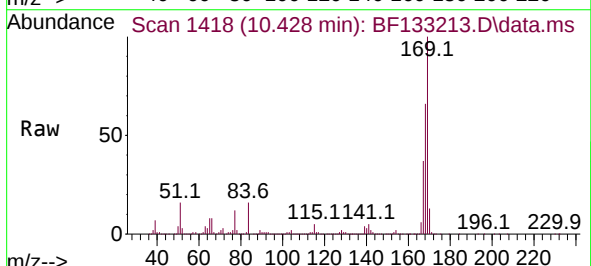
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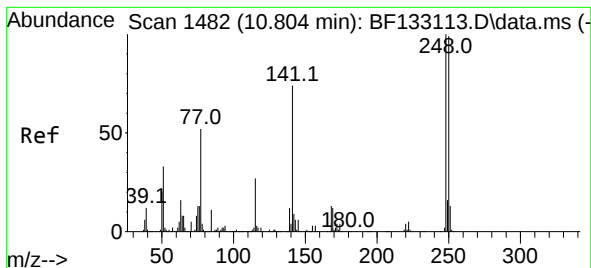
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#66
n-Nitrosodiphenylamine
Concen: 44.039 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

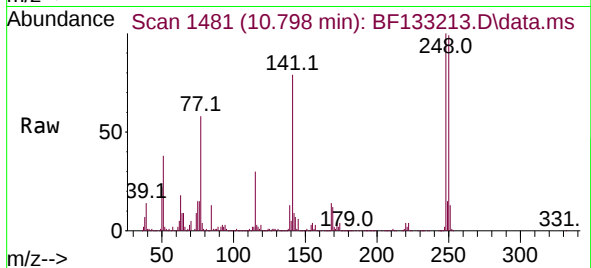
Tgt Ion:169 Resp: 1041784
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.8
167 36.7 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 43.117 ng
RT: 10.798 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

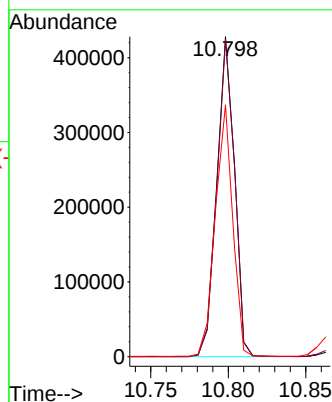
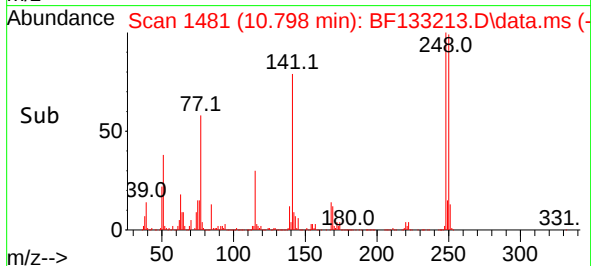
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:248 Resp: 341028
Ion Ratio Lower Upper
248 100
250 99.2 78.7 118.1
141 78.7 56.3 84.5

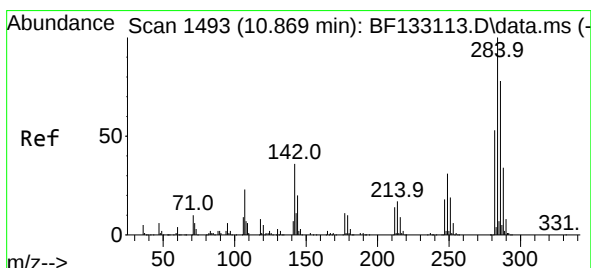
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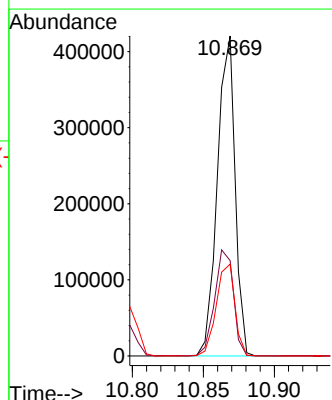
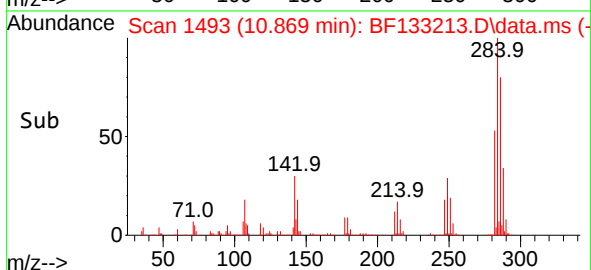
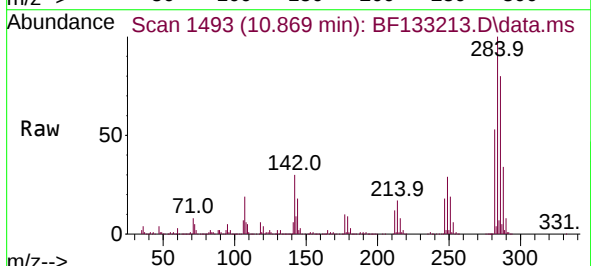
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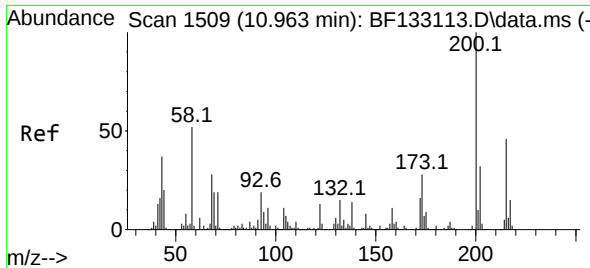
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#68
Hexachlorobenzene
Concen: 45.008 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

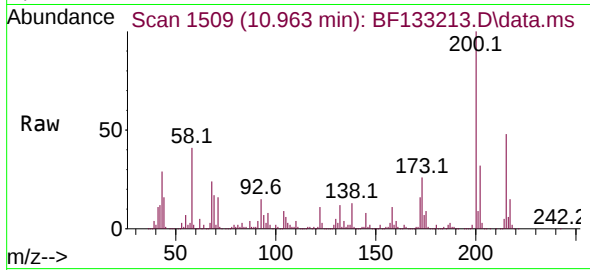
Tgt Ion:284 Resp: 364779
Ion Ratio Lower Upper
284 100
142 29.8 26.0 39.0
249 28.7 23.7 35.5





#69
 Atrazine
 Concen: 50.464 ng
 RT: 10.963 min Scan# 1509
 Delta R.T. 0.006 min
 Lab File: BF133213.D
 Acq: 03 May 2023 18:16

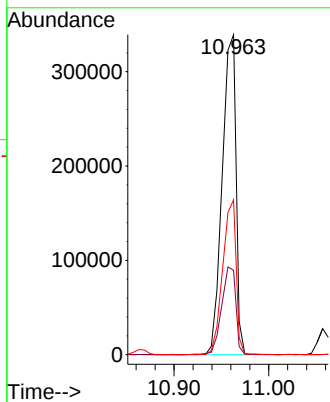
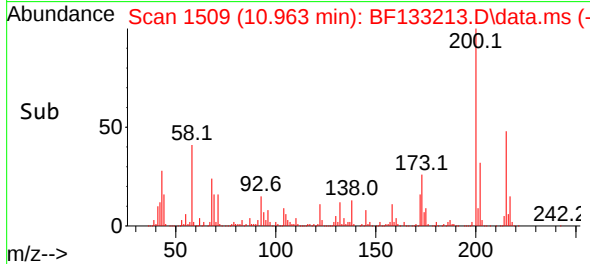
Instrument :
 BNA_F
 ClientSampleId :
 ZONE-A-6-9-05022023MS



Tgt Ion:200 Resp: 34398
 Ion Ratio Lower Upper
 200 100
 173 26.4 6.2 46.2
 215 48.4 26.3 66.3

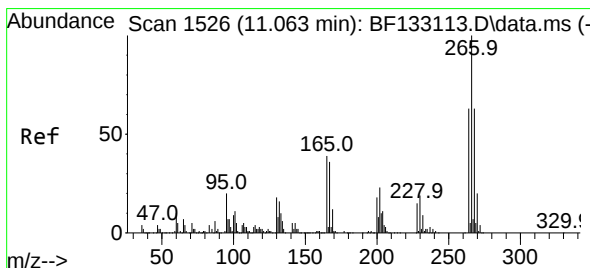
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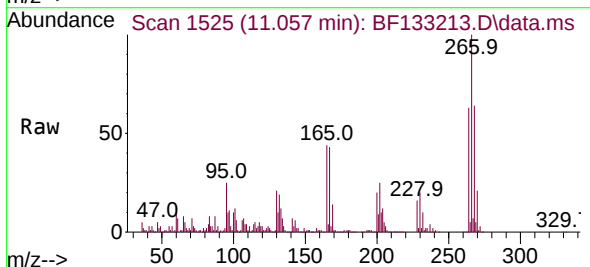


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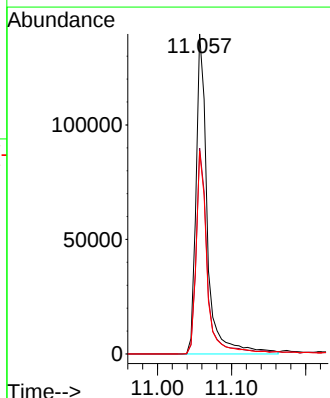
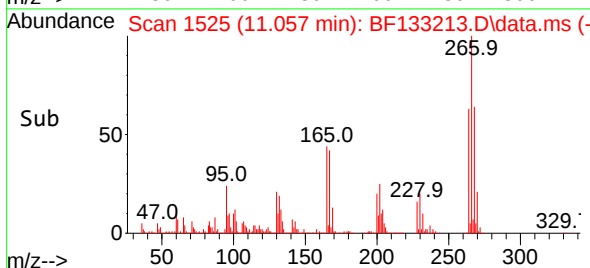
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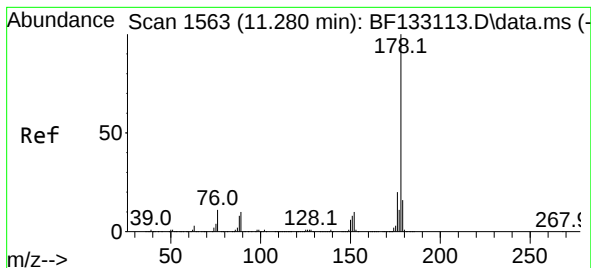


#70
 Pentachlorophenol
 Concen: 25.631 ng
 RT: 11.057 min Scan# 1525
 Delta R.T. -0.000 min
 Lab File: BF133213.D
 Acq: 03 May 2023 18:16



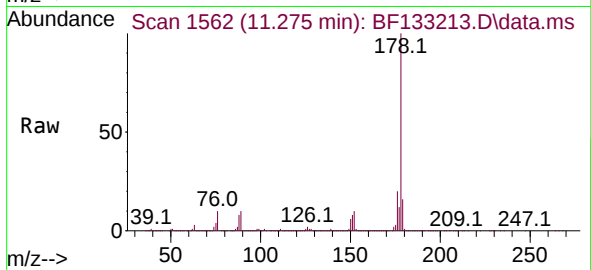
Tgt Ion:266 Resp: 147944
 Ion Ratio Lower Upper
 266 100
 268 64.4 48.8 73.2
 264 63.5 50.6 76.0





#71
Phenanthrene
Concen: 42.682 ng
RT: 11.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

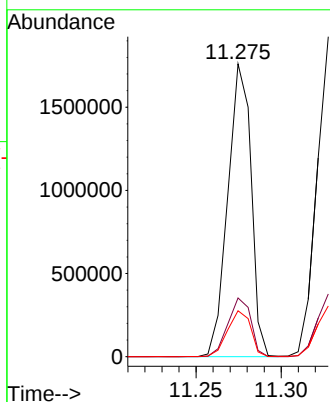
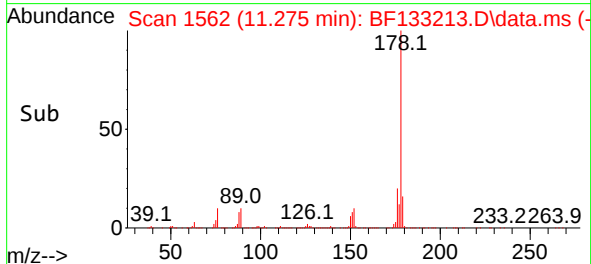
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:178 Resp: 167298
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 15.7 12.5 18.7

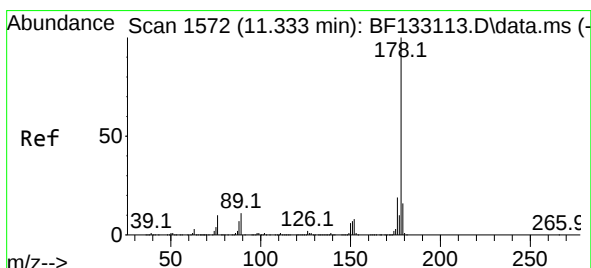
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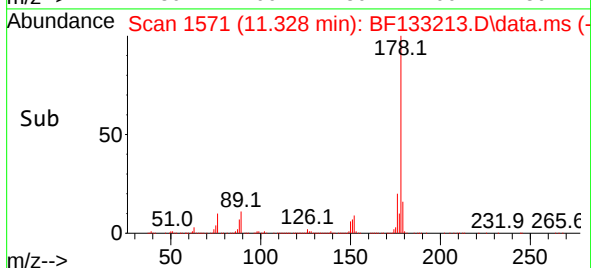
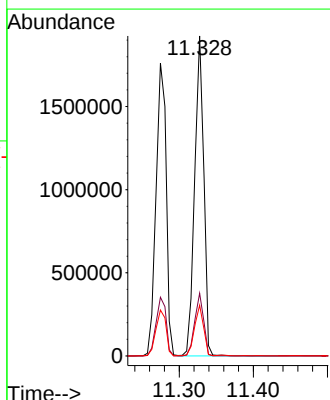
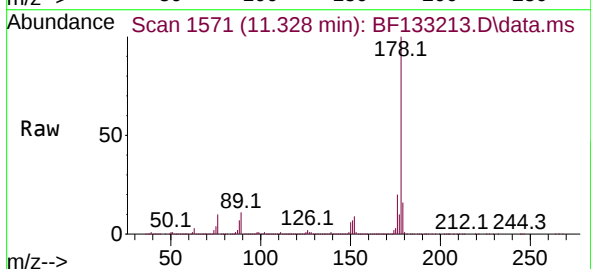
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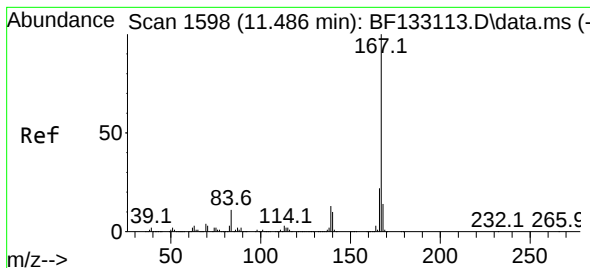
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#72
Anthracene
Concen: 40.912 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

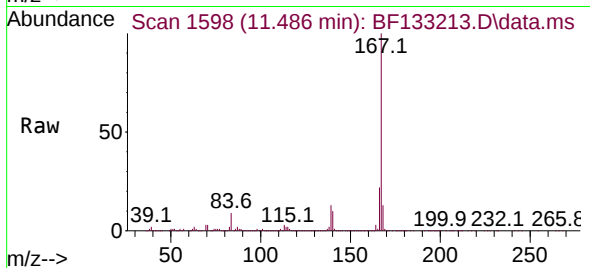
Tgt Ion:178 Resp: 1641125
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.8 12.4 18.6





#73
 Carbazole
 Concen: 40.826 ng
 RT: 11.486 min Scan# 1598
 Delta R.T. -0.000 min
 Lab File: BF133213.D
 Acq: 03 May 2023 18:16

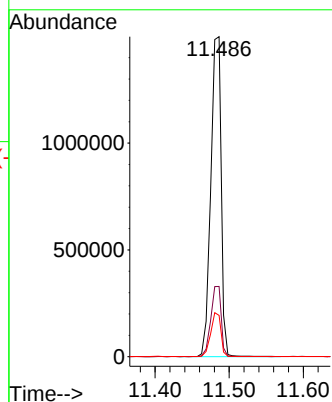
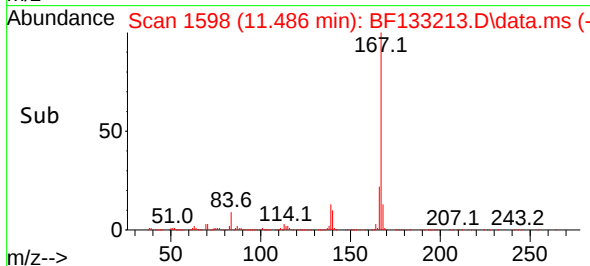
Instrument :
 BNA_F
 ClientSampleId :
 ZONE-A-6-9-05022023MS



Tgt Ion:167 Resp: 1458229
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 12.9 10.6 16.0

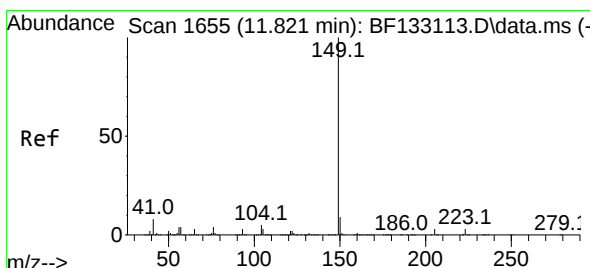
Manual Integrations
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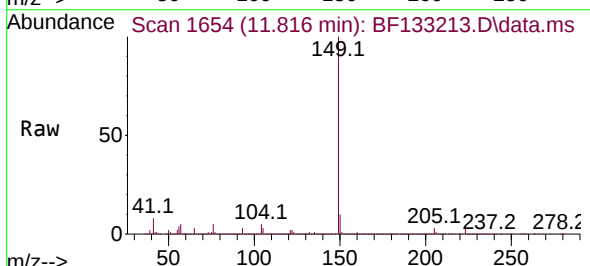


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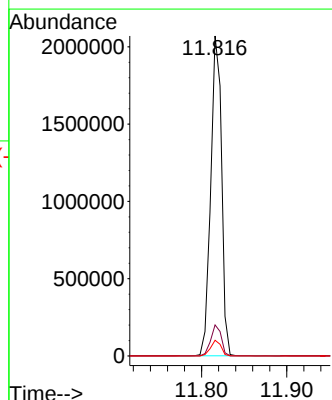
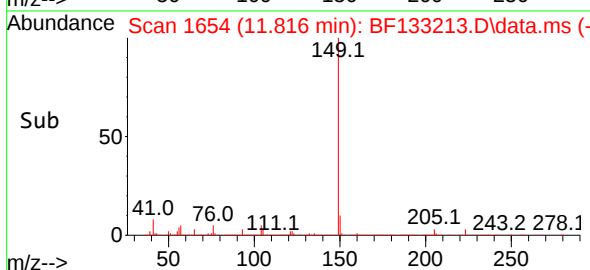
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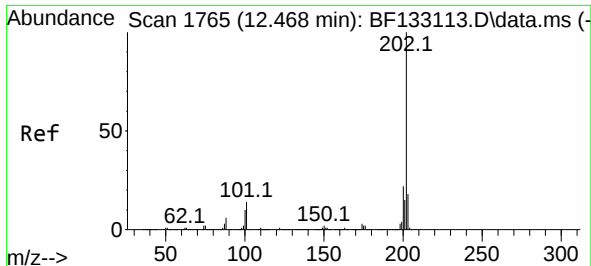


#74
 Di-n-butylphthalate
 Concen: 45.256 ng
 RT: 11.816 min Scan# 1654
 Delta R.T. -0.000 min
 Lab File: BF133213.D
 Acq: 03 May 2023 18:16



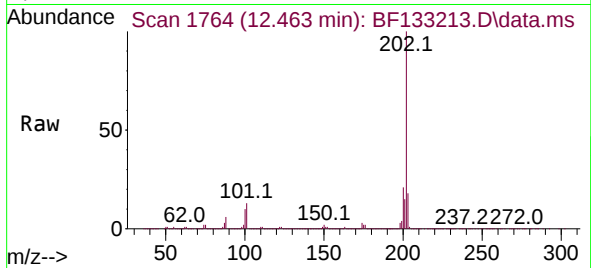
Tgt Ion:149 Resp: 1829279
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 4.9 4.0 6.0





#75
Fluoranthene
Concen: 37.397 ng
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

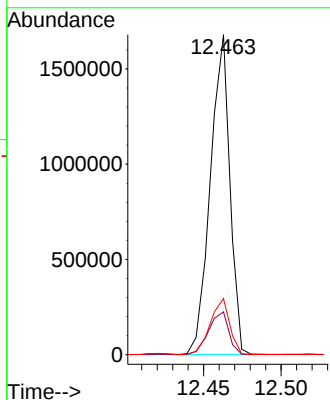
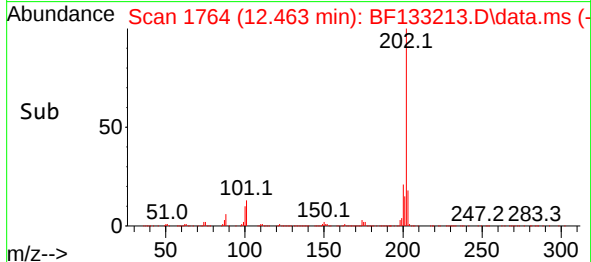
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:202 Resp: 1471120
Ion Ratio Lower Upper
202 100
101 13.4 0.0 35.3
203 17.5 0.0 38.1

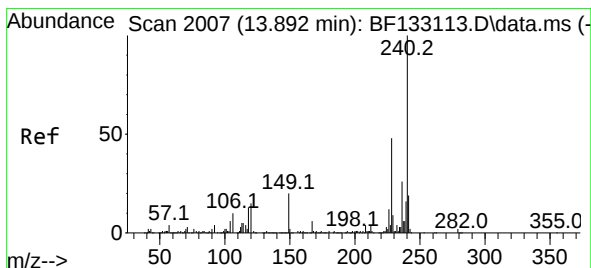
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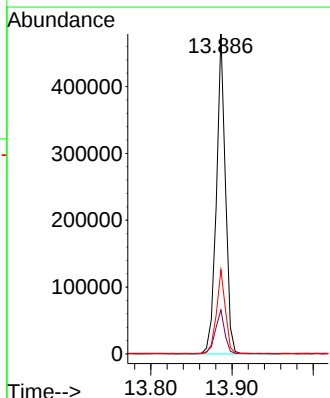
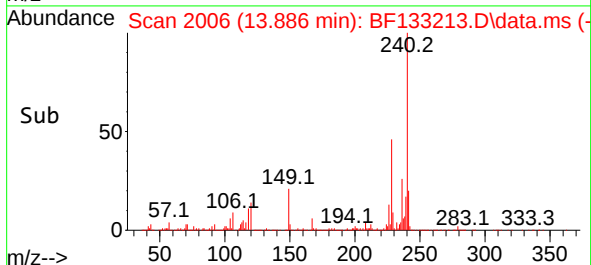
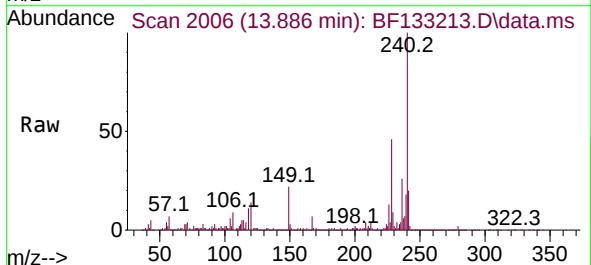
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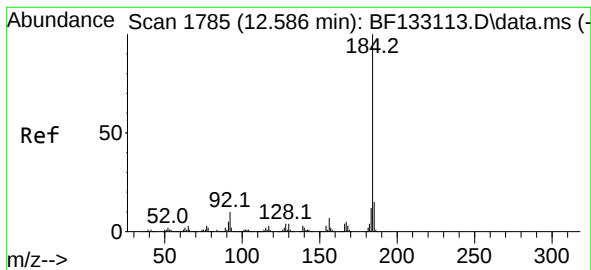
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

Tgt Ion:240 Resp: 370965
Ion Ratio Lower Upper
240 100
120 13.7 10.5 15.7
236 26.3 21.5 32.3





#77

Benzidine

Concen: 69.352 ng

RT: 12.580 min Scan# 1784

Delta R.T. -0.000 min

Lab File: BF133213.D

Acq: 03 May 2023 18:16

Instrument :

BNA_F

ClientSampleId :

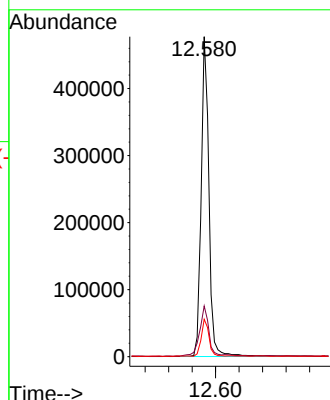
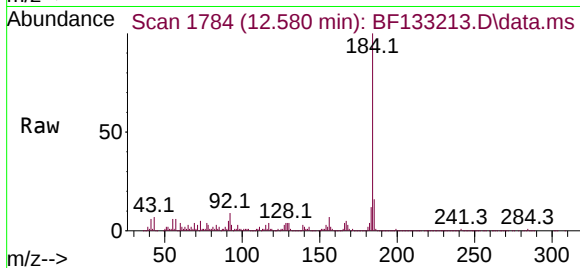
ZONE-A-6-9-05022023MS

Tgt Ion:184 Resp: 43505
 Ion Ratio Lower Upper
 184 100
 185 15.9 15.4 23.2
 183 11.7 9.4 14.0

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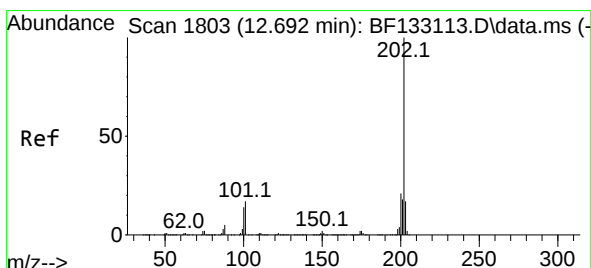
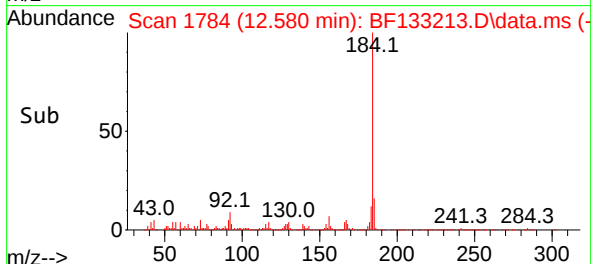
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#78

Pyrene

Concen: 45.197 ng

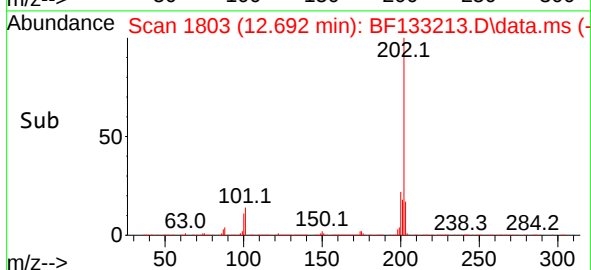
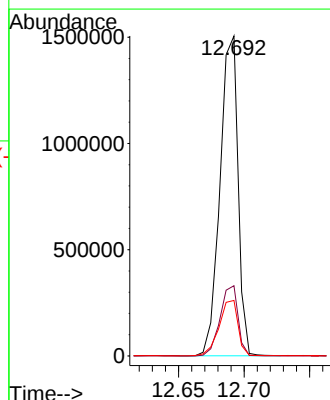
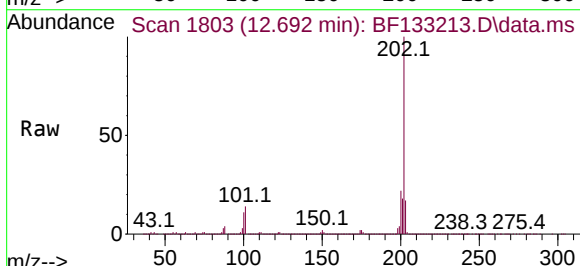
RT: 12.692 min Scan# 1803

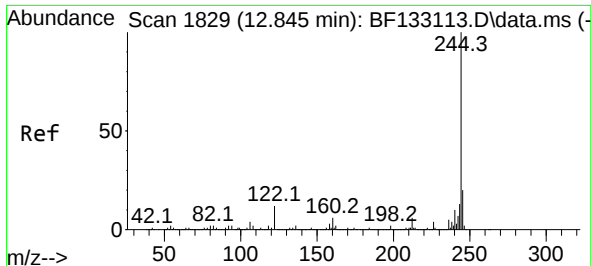
Delta R.T. -0.000 min

Lab File: BF133213.D

Acq: 03 May 2023 18:16

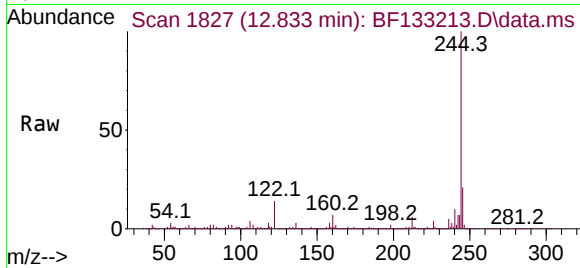
Tgt Ion:202 Resp: 1437277
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.1 25.7
 203 17.4 14.1 21.1





#79
Terphenyl-d14
Concen: 70.141 ng
RT: 12.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

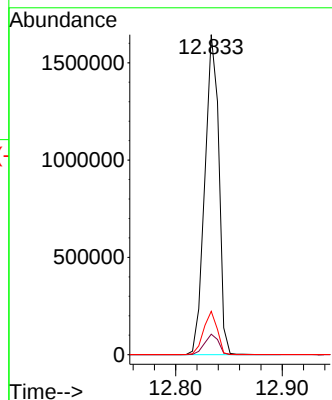
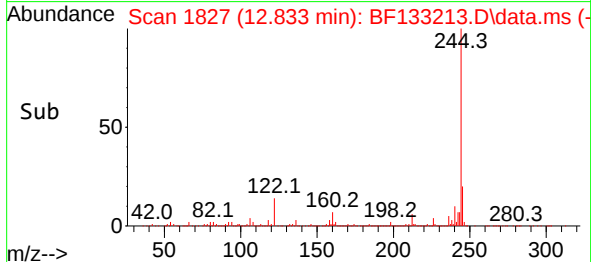
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:244 Resp: 150868
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 13.6 8.6 13.0

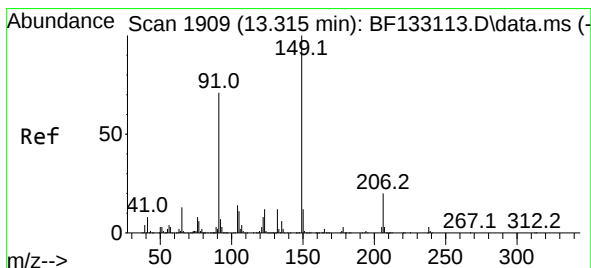
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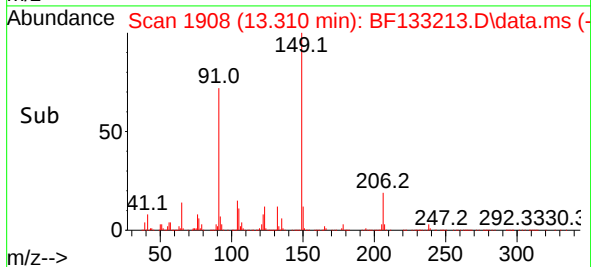
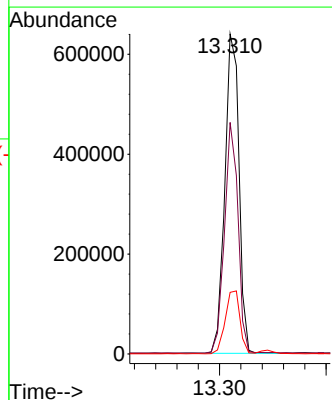
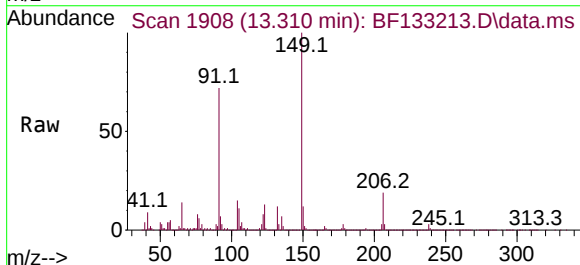
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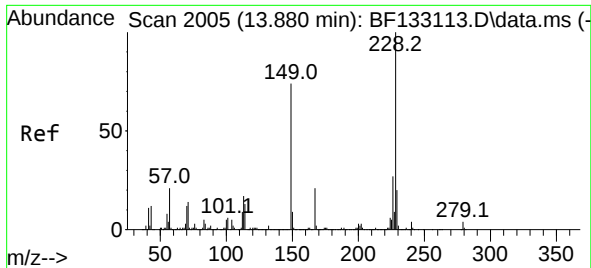
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#80
Butylbenzylphthalate
Concen: 52.317 ng
RT: 13.310 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

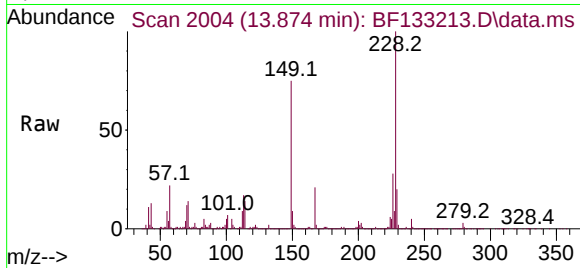
Tgt Ion:149 Resp: 589069
Ion Ratio Lower Upper
149 100
91 72.3 53.8 80.6
206 19.3 17.5 26.3





#81
Benzo(a)anthracene
Concen: 42.171 ng
RT: 13.874 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

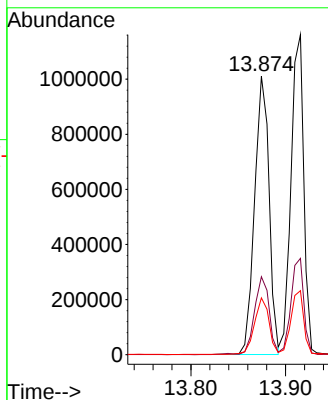
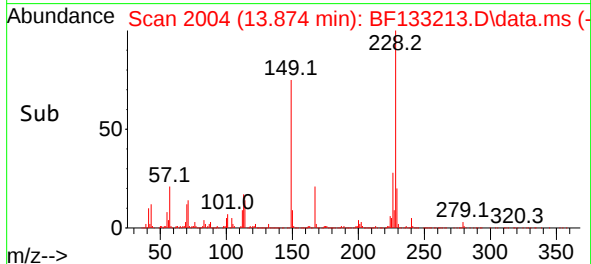
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:228 Resp: 1075790
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.4
229 20.4 16.0 24.0

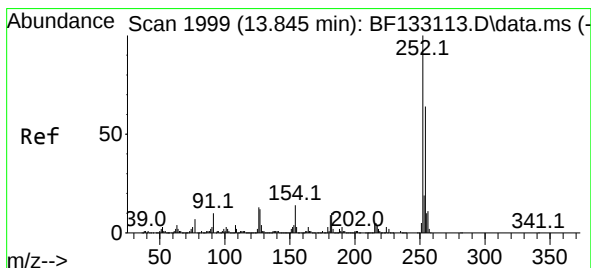
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Reviewed By :Christian Giraldo 05/04/2023
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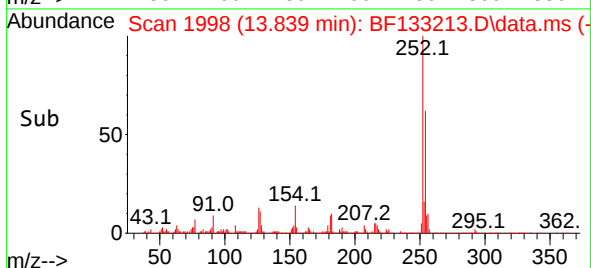
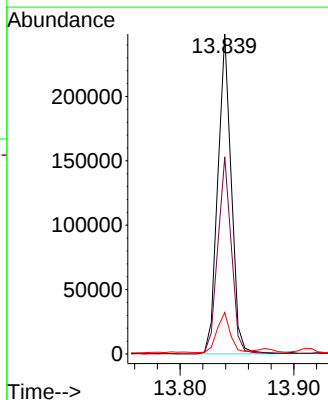
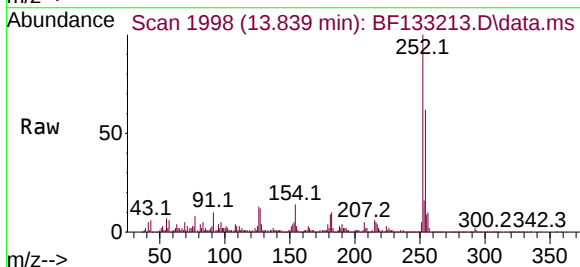
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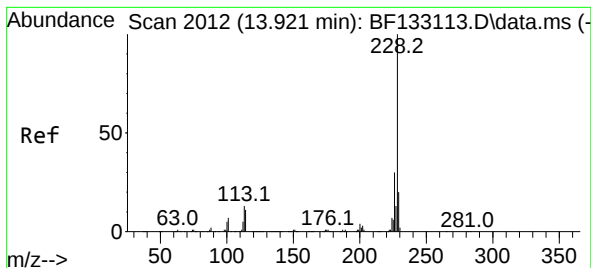
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#82
3,3'-Dichlorobenzidine
Concen: 29.079 ng
RT: 13.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

Tgt Ion:252 Resp: 204923
Ion Ratio Lower Upper
252 100
254 61.6 51.5 77.3
126 13.0 9.5 14.3





#83

Chrysene

Concen: 42.454 ng

RT: 13.916 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF133213.D

Acq: 03 May 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ZONE-A-6-9-05022023MS

Tgt Ion:228 Resp: 108274

Ion Ratio Lower Upper

228 100

226 30.1 24.7 37.1

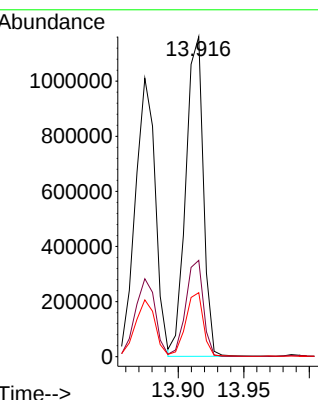
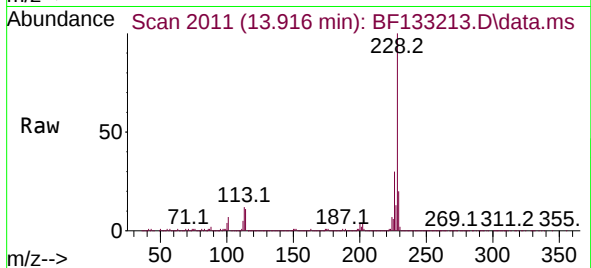
229 20.0 16.1 24.1

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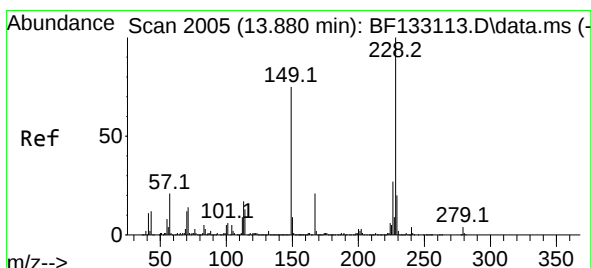
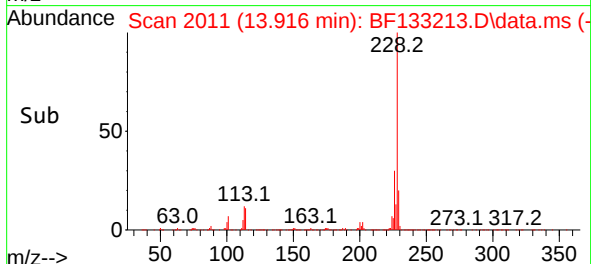
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#84

Bis(2-ethylhexyl)phthalate

Concen: 49.274 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BF133213.D

Acq: 03 May 2023 18:16

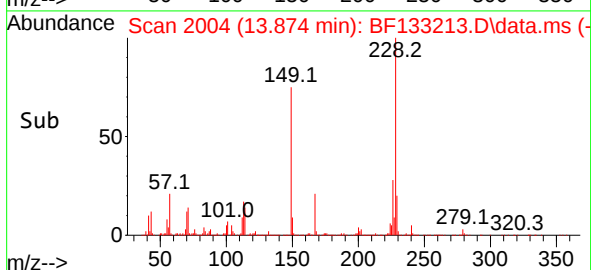
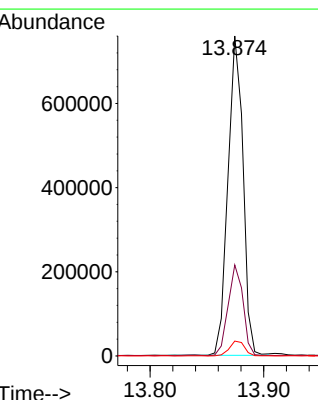
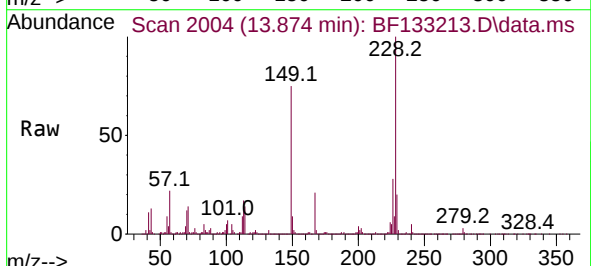
Tgt Ion:149 Resp: 696385

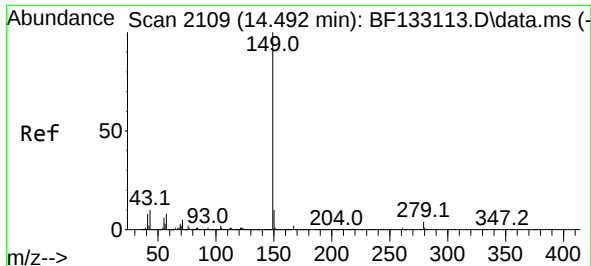
Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

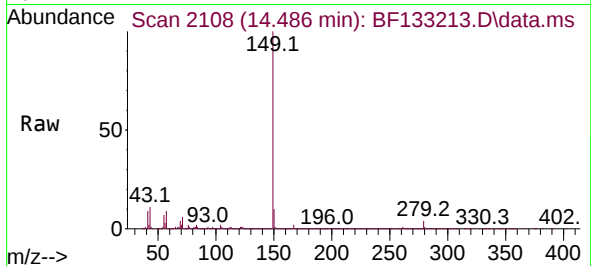
279 4.6 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 58.569 ng
RT: 14.486 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

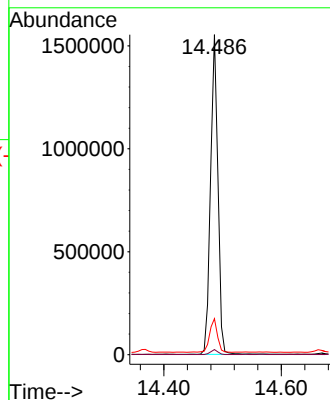
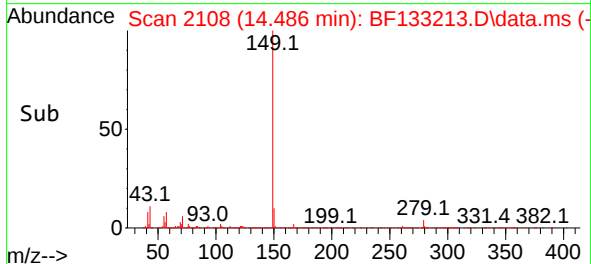
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:149 Resp: 1349704
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.1 9.5 14.3

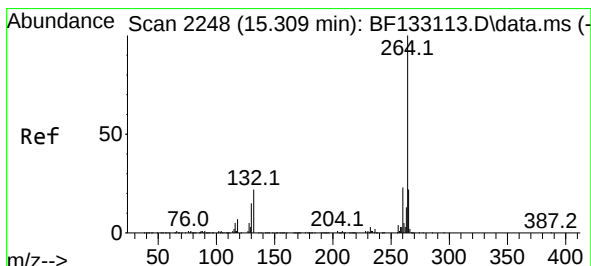
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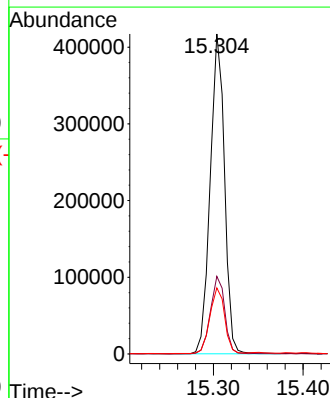
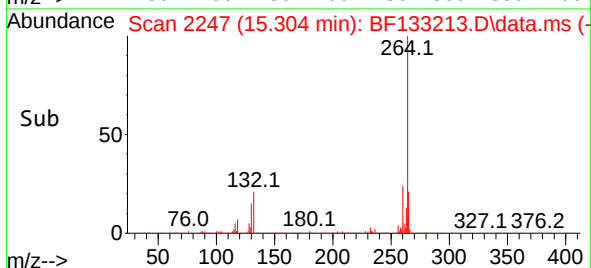
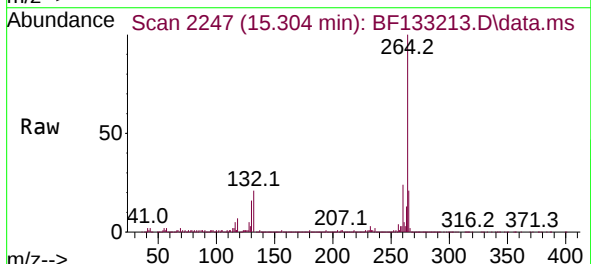
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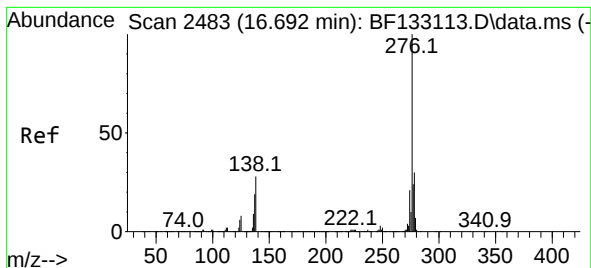
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 2247
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

Tgt Ion:264 Resp: 460831
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 20.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.166 ng

RT: 16.686 min Scan# 2482

Delta R.T. -0.006 min

Lab File: BF133213.D

Acq: 03 May 2023 18:16

Instrument :

BNA_F

ClientSampleId :

ZONE-A-6-9-05022023MS

Tgt Ion:276 Resp: 110529

Ion Ratio Lower Upper

276 100

138 31.3 25.5 38.3

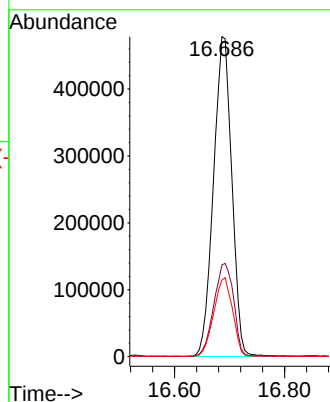
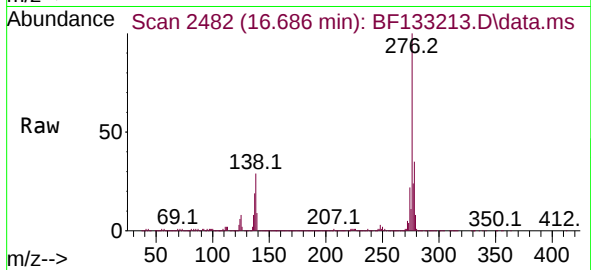
277 25.4 20.4 30.6

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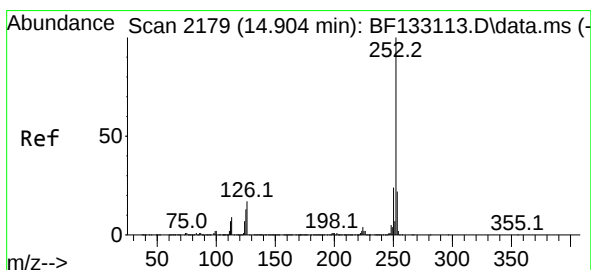
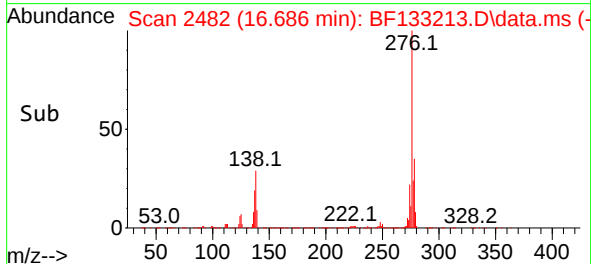
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#88

Benzo(b)fluoranthene

Concen: 42.853 ng

RT: 14.904 min Scan# 2179

Delta R.T. -0.000 min

Lab File: BF133213.D

Acq: 03 May 2023 18:16

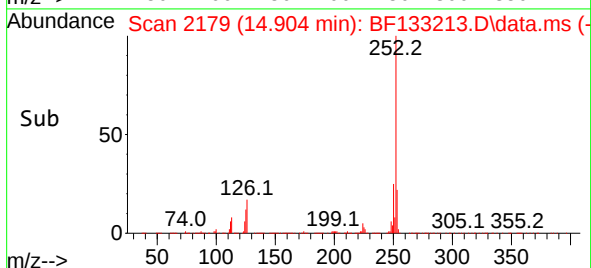
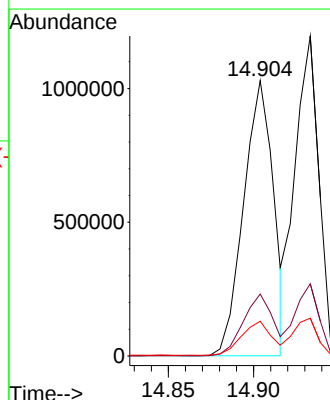
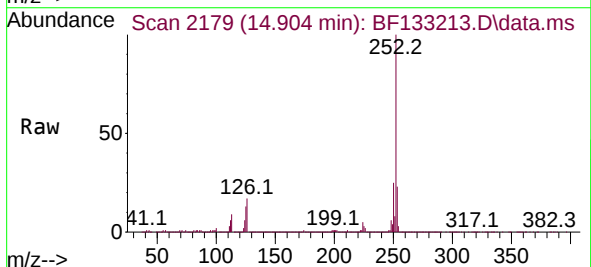
Tgt Ion:252 Resp: 1256344

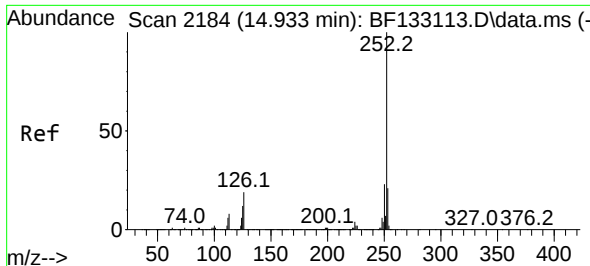
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

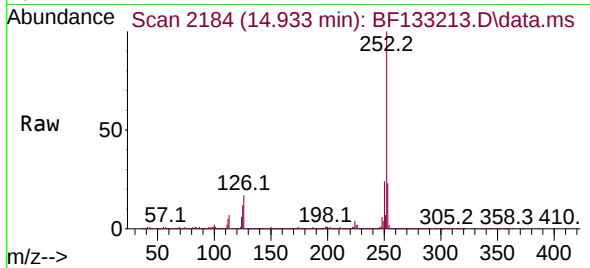
125 12.6 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 40.068 ng
RT: 14.933 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

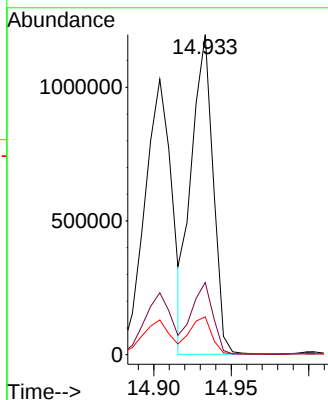
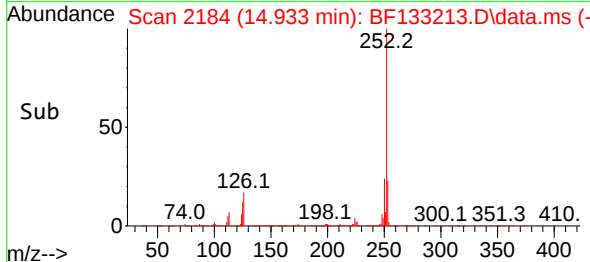
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:252 Resp: 116445
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 11.8 9.0 13.4

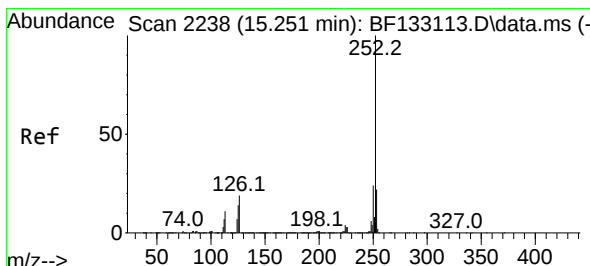
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



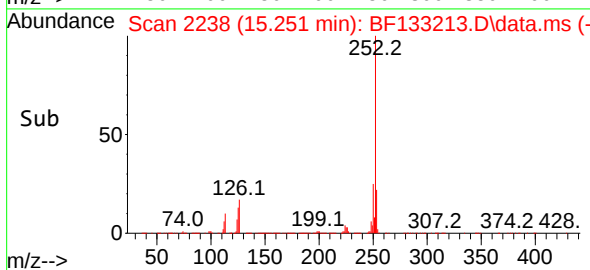
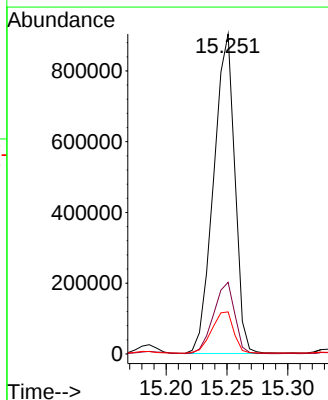
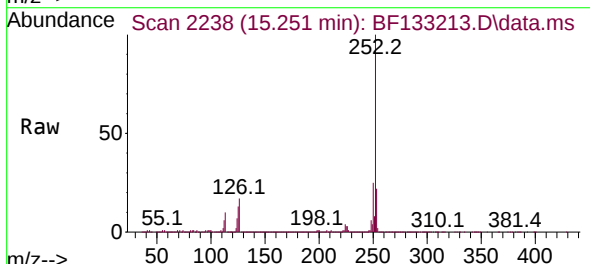
05/04/2023
Supervised By :Jagrut
Upadhyay

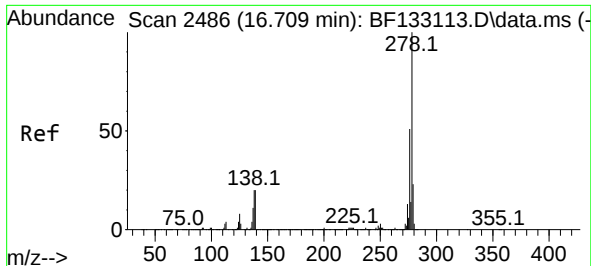
05/04/2023



#90
Benzo(a)pyrene
Concen: 41.060 ng
RT: 15.251 min Scan# 2238
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

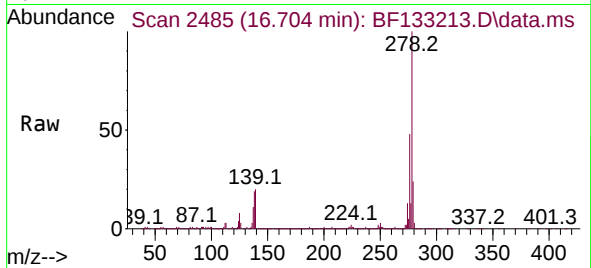
Tgt Ion:252 Resp: 1095694
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 13.2 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 42.876 ng
RT: 16.704 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

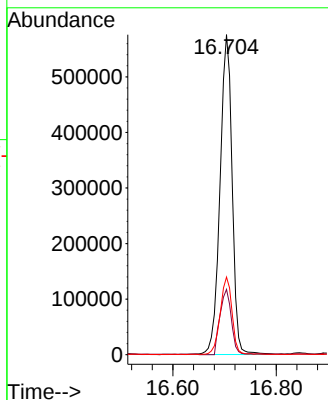
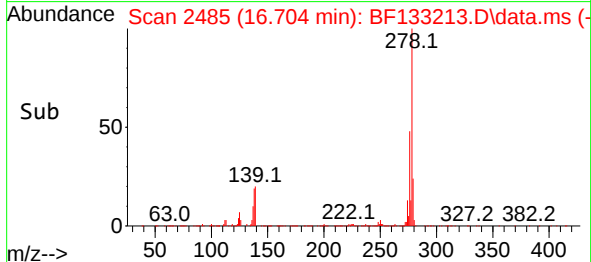
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MS



Tgt Ion:278 Resp: 937392
Ion Ratio Lower Upper
278 100
139 20.4 16.6 24.8
279 24.3 18.8 28.2

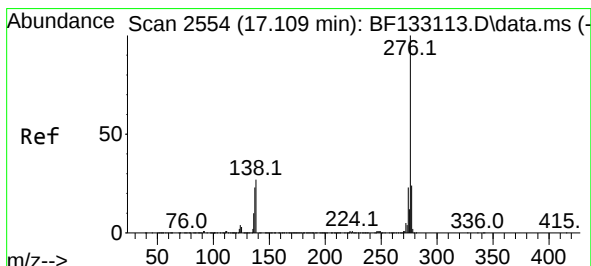
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



05/04/2023
Supervised By :Jagrut
Upadhyay

05/04/2023



#92
Benzo(g,h,i)perylene
Concen: 38.934 ng
RT: 17.104 min Scan# 2553
Delta R.T. -0.000 min
Lab File: BF133213.D
Acq: 03 May 2023 18:16

Tgt Ion:276 Resp: 840356
Ion Ratio Lower Upper
276 100
277 22.7 19.4 29.0
138 26.1 22.7 34.1

