

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133314.D
 Acq On : 09 May 2023 13:24
 Operator : CG\JU
 Sample : PB152670BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152670BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/10/2023
 Supervised By : Jagrut Upadhyay 05/10/2023

Quant Time: May 10 01:45:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Supervised By : Jagrut
 Upadhyay
 05/10/2023

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

1) 1,4-Dichlorobenzene-d4	6.722	152	202138	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	803538	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	414603	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	735479	20.000	ng	0.00
76) Chrysene-d12	13.874	240	416217	20.000	ng	0.00
86) Perylene-d12	15.292	264	375879	20.000	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.345	112	1303558	97.417	ng	0.02
7) Phenol-d6	6.369	99	1630050	98.143	ng	0.00
23) Nitrobenzene-d5	7.292	82	983188	66.045	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	394136	94.526	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1697891	68.513	ng	0.00
79) Terphenyl-d14	12.827	244	1689053	69.989	ng	0.00

Target Compounds

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.481	88	251520	40.524	ng	97
3) Pyridine	3.169	79	604736	36.684	ng	97
4) n-Nitrosodimethylamine	3.134	42	331895	38.870	ng	98
6) Aniline	6.386	93	730565	34.152	ng	# 38
8) 2-Chlorophenol	6.510	128	583860	42.974	ng	97
9) Benzaldehyde	6.269	77	332970	45.608	ng	99
10) Phenol	6.386	94	728664	39.769	ng	# 74
11) bis(2-Chloroethyl)ether	6.463	93	567766	41.294	ng	98
12) 1,3-Dichlorobenzene	6.663	146	631142	43.694	ng	99
13) 1,4-Dichlorobenzene	6.739	146	640727	44.259	ng	99
14) 1,2-Dichlorobenzene	6.892	146	593498	44.468	ng	96
15) Benzyl Alcohol	6.875	79	459055	40.012	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	915775	38.347	ng	94
17) 2-Methylphenol	6.986	107	492781	39.610	ng	98
18) Hexachloroethane	7.233	117	227639	45.228	ng	97
19) n-Nitroso-di-n-propyla...	7.145	70	384853	37.220	ng	95
20) 3+4-Methylphenols	7.145	107	577766	39.435	ng	# 69
22) Acetophenone	7.133	105	801900	43.081	ng	# 95
24) Nitrobenzene	7.310	77	612589	40.609	ng	100
25) Isophorone	7.551	82	1148899	40.648	ng	100
26) 2-Nitrophenol	7.628	139	330187	45.380	ng	93
27) 2,4-Dimethylphenol	7.669	122	539527	43.244	ng	100
28) bis(2-Chloroethoxy)met...	7.763	93	692596	41.421	ng	99
29) 2,4-Dichlorophenol	7.869	162	495741	43.648	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	520068	44.199	ng	100
31) Naphthalene	8.028	128	1675213	41.699	ng	99
32) Benzoic acid	7.804	122	331109m	42.965	ng	
33) 4-Chloroaniline	8.080	127	411672	25.362	ng	99
34) Hexachlorobutadiene	8.151	225	280357	42.989	ng	97
35) Caprolactam	8.457	113	170616m	44.717	ng	
36) 4-Chloro-3-methylphenol	8.569	107	524113	42.792	ng	98
37) 2-Methylnaphthalene	8.722	142	1098267	39.986	ng	98
38) 1-Methylnaphthalene	8.822	142	1045689	40.697	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	453103	40.646	ng	99
41) Hexachlorocyclopentadiene	8.875	237	554979	85.365	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	321497	41.703	ng	100

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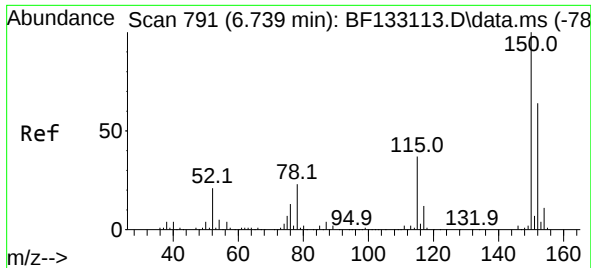
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.045	196	341713	38.326	ng	98	05/10/2023
46) 1,1'-Biphenyl	9.186	154	1354527	41.201	ng	99	Supervised By : Jagrut Upadhyay
47) 2-Chloronaphthalene	9.210	162	1015988	42.222	ng	99	
48) 2-Nitroaniline	9.304	65	325529	40.933	ng	94	
49) Acenaphthylene	9.622	152	1565177	40.708	ng	100	
50) Dimethylphthalate	9.492	163	1186159	41.030	ng	98	
51) 2,6-Dinitrotoluene	9.551	165	275735	42.377	ng	87	05/10/2023
52) Acenaphthene	9.792	154	1138659m	44.217	ng		
53) 3-Nitroaniline	9.716	138	235756	30.472	ng	99	
54) 2,4-Dinitrophenol	9.827	184	281650	86.115	ng	99	
55) Dibenzofuran	9.969	168	1400872	39.880	ng	98	
56) 4-Nitrophenol	9.892	139	452117	75.451	ng	92	
57) 2,4-Dinitrotoluene	9.957	165	353143	42.558	ng	90	
58) Fluorene	10.310	166	1021007	39.673	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.086	232	286656	41.471	ng	98	
60) Diethylphthalate	10.186	149	1122795	41.118	ng	100	
61) 4-Chlorophenyl-phenyle...	10.298	204	496953	39.624	ng	93	
62) 4-Nitroaniline	10.333	138	305922	43.022	ng	98	
63) Azobenzene	10.463	77	1134746	39.228	ng	97	
65) 4,6-Dinitro-2-methylph...	10.363	198	202856	45.505	ng	87	
66) n-Nitrosodiphenylamine	10.421	169	945030	39.612	ng	100	
67) 4-Bromophenyl-phenylether	10.792	248	319311	40.030	ng	96	
68) Hexachlorobenzene	10.857	284	336257	41.139	ng	97	
69) Atrazine	10.951	200	325091	47.291	ng	98	
70) Pentachlorophenol	11.051	266	399795	68.679	ng	97	
71) Phenanthrene	11.268	178	1567921	39.664	ng	100	
72) Anthracene	11.321	178	1616388	39.956	ng	99	
73) Carbazole	11.474	167	1456645	40.438	ng	99	
74) Di-n-butylphthalate	11.810	149	1715279	42.078	ng	100	
75) Fluoranthene	12.451	202	1536698	38.734	ng	98	
77) Benzidine	12.574	184	899834	127.846	ng	# 94	
78) Pyrene	12.680	202	1587574	44.496	ng	98	
80) Butylbenzylphthalate	13.304	149	654428	51.802	ng	99	
81) Benzo(a)anthracene	13.868	228	1138250	39.768	ng	100	
82) 3,3'-Dichlorobenzidine	13.833	252	288833	36.529	ng	98	
83) Chrysene	13.904	228	1123158	39.251	ng	100	
84) Bis(2-ethylhexyl)phtha...	13.862	149	711299	44.857	ng	# 99	
85) Di-n-octyl phthalate	14.474	149	1178959	45.598	ng	98	
87) Indeno(1,2,3-cd)pyrene	16.674	276	1059691	49.563	ng	98	
88) Benzo(b)fluoranthene	14.892	252	1029014	43.032	ng	99	
89) Benzo(k)fluoranthene	14.921	252	968120	40.841	ng	99	
90) Benzo(a)pyrene	15.233	252	863305	39.663	ng	99	
91) Dibenzo(a,h)anthracene	16.686	278	878163	49.245	ng	98	
92) Benzo(g,h,i)perylene	17.092	276	892494	50.695	ng	97	

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



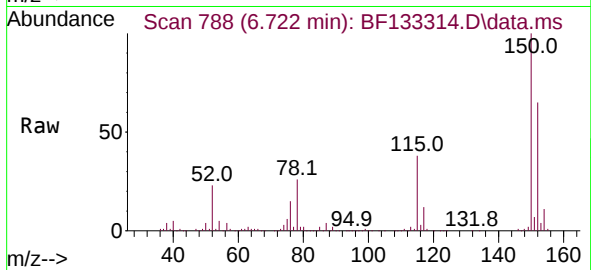
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS



Tgt Ion:152 Resp: 202138
Ion Ratio Lower Upper
152 100
150 154.9 124.8 187.2
115 58.8 49.9 74.9

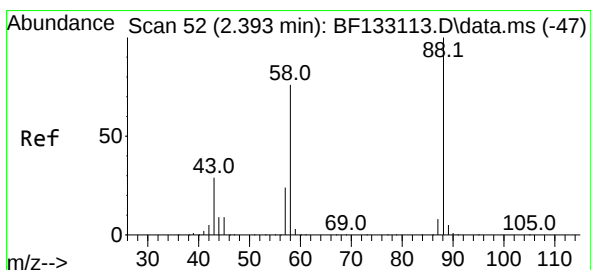
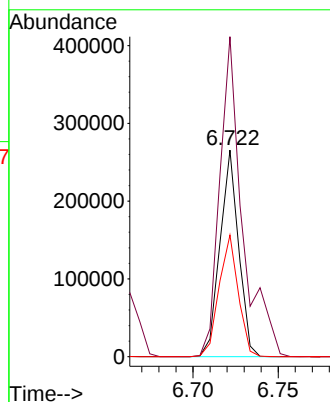
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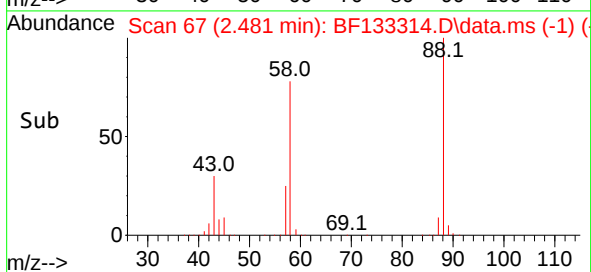
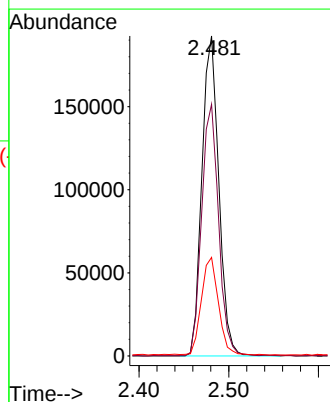
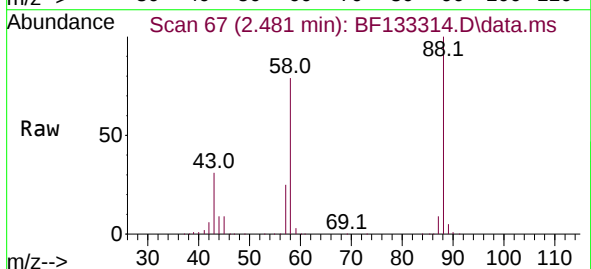
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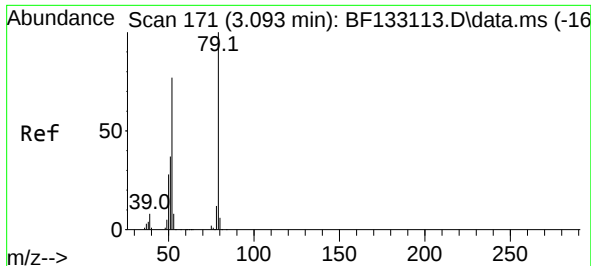
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#2
1,4-Dioxane
Concen: 40.524 ng
RT: 2.481 min Scan# 67
Delta R.T. 0.112 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

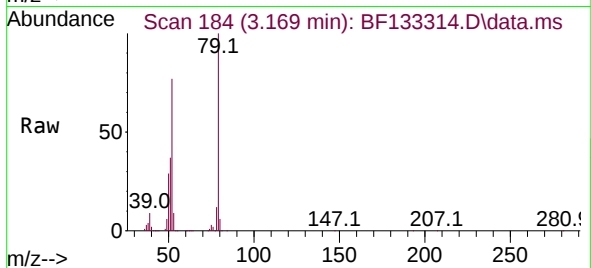
Tgt Ion: 88 Resp: 251520
Ion Ratio Lower Upper
88 100
58 78.7 64.7 97.1
43 31.1 26.2 39.2





#3
Pyridine
Concen: 36.684 ng
RT: 3.169 min Scan# 171
Delta R.T. 0.106 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :
BNA_F
ClientSampleId :
PB152670BS



Tgt Ion: 79 Resp: 604730
Ion Ratio Lower Upper
79 100
52 76.6 64.6 96.8
51 37.1 30.0 45.0

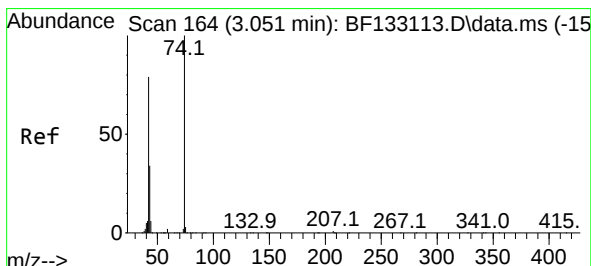
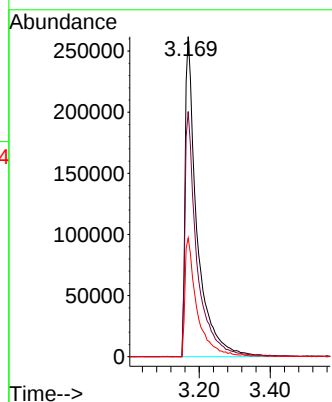
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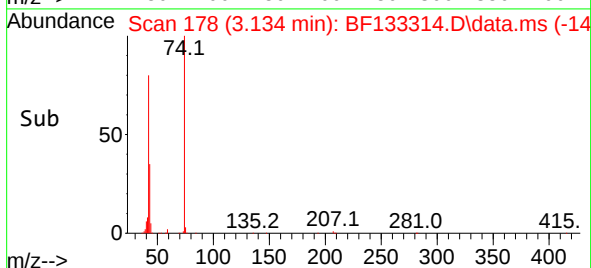
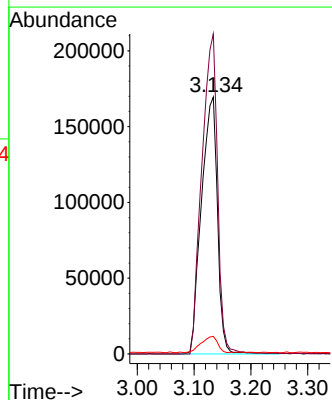
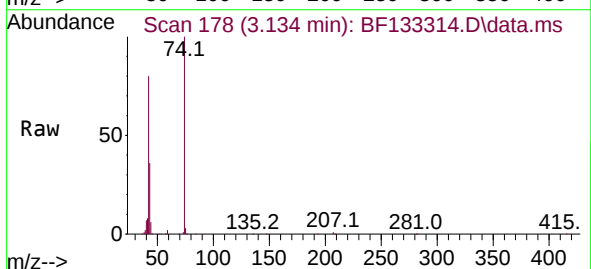
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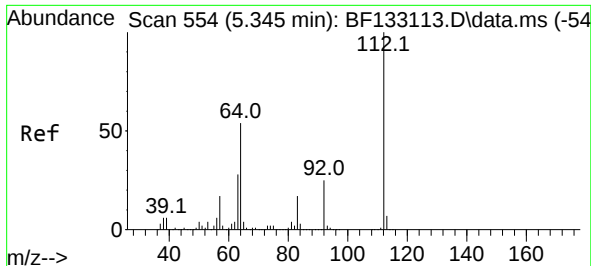
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#4
n-Nitrosodimethylamine
Concen: 38.870 ng
RT: 3.134 min Scan# 178
Delta R.T. 0.100 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion: 42 Resp: 331895
Ion Ratio Lower Upper
42 100
74 124.5 98.0 147.0
44 6.9 5.8 8.8





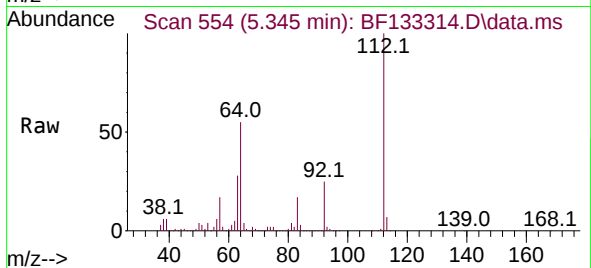
#5
2-Fluorophenol
Concen: 97.417 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS



Tgt Ion:112 Resp: 1303558
Ion Ratio Lower Upper
112 100
64 54.8 46.8 70.2
63 28.3 23.8 35.8

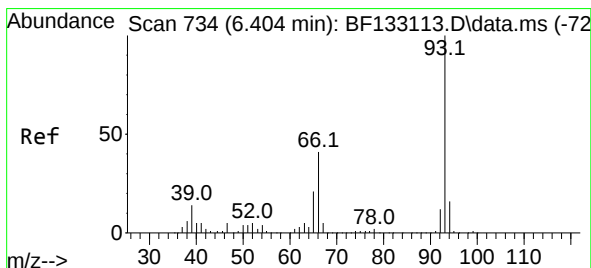
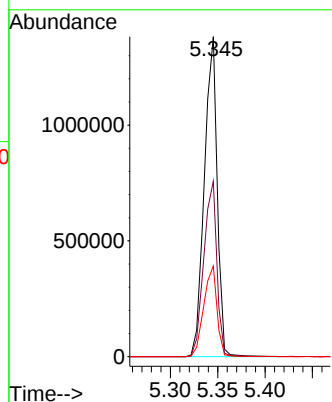
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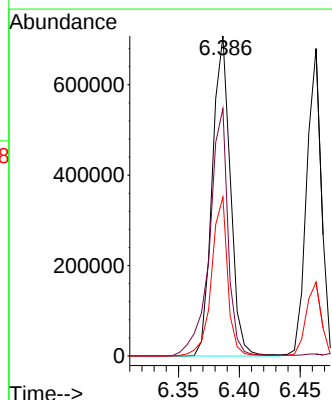
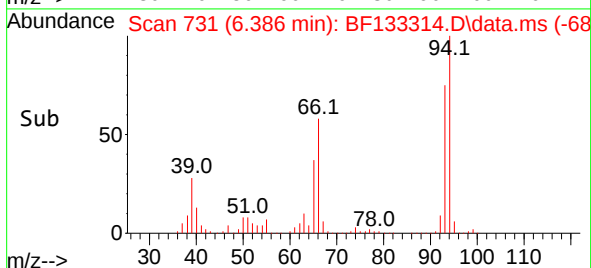
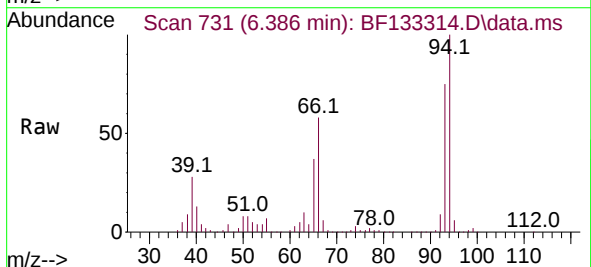
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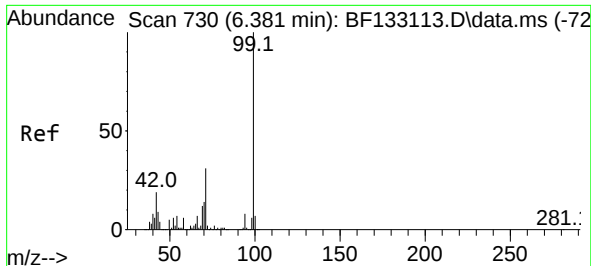
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#6
Aniline
Concen: 34.152 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion: 93 Resp: 730565
Ion Ratio Lower Upper
93 100
66 77.3 31.5 47.3#
65 49.6 16.4 24.6#





#7

Phenol-d6

Concen: 98.143 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133314.D

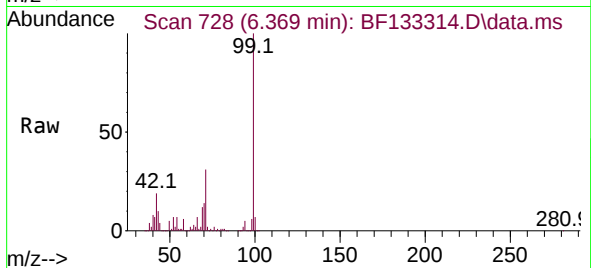
Acq: 09 May 2023 13:24

Instrument :

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Tgt Ion: 99 Resp: 1630050

Ion Ratio Lower Upper

99 100

42 19.3 16.3 24.5

71 31.5 25.6 38.4

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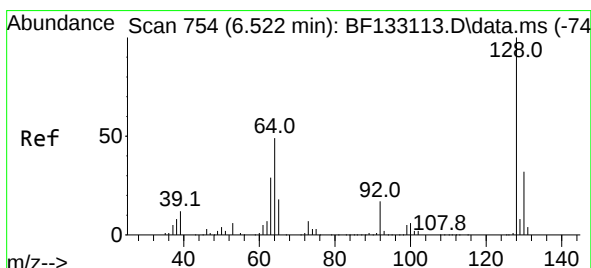
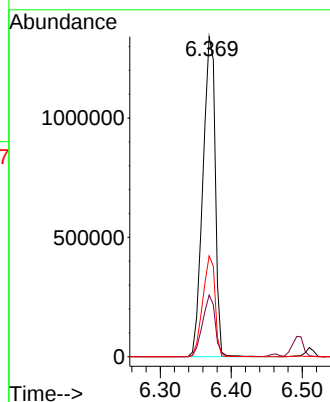
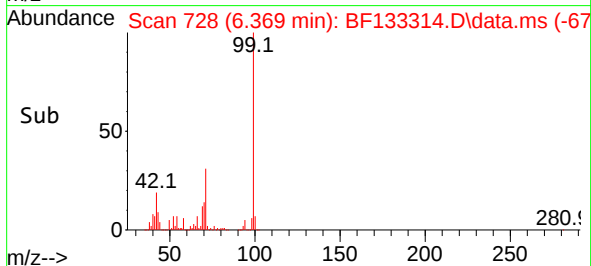
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05/10/2023



#8

2-Chlorophenol

Concen: 42.974 ng

RT: 6.510 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

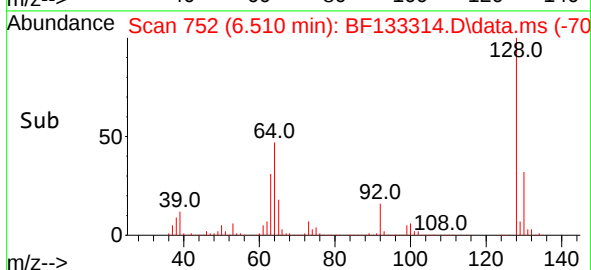
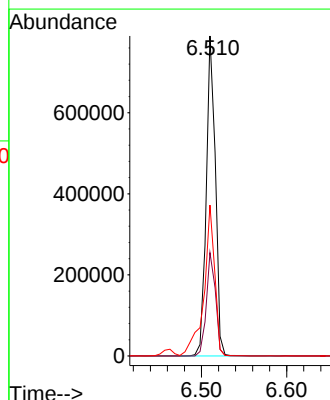
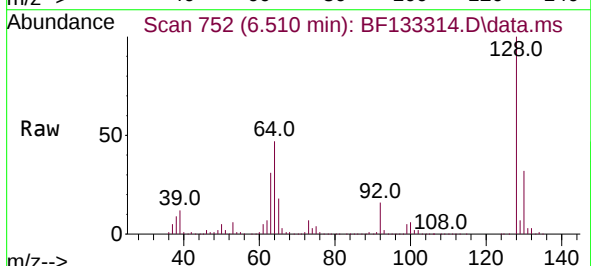
Tgt Ion:128 Resp: 583860

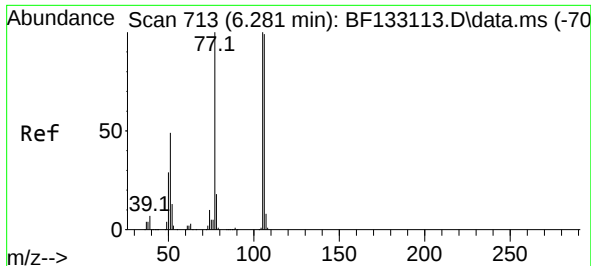
Ion Ratio Lower Upper

128 100

130 32.3 12.2 52.2

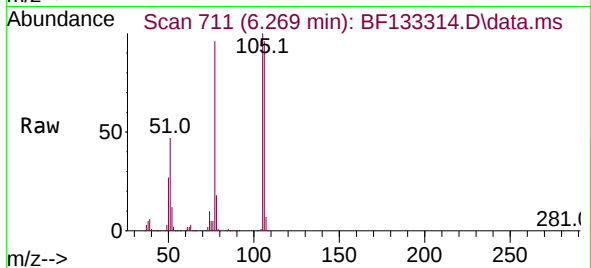
64 47.1 30.3 70.3





#9
Benzaldehyde
Concen: 45.608 ng
RT: 6.269 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :
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ClientSampleId :
PB152670BS



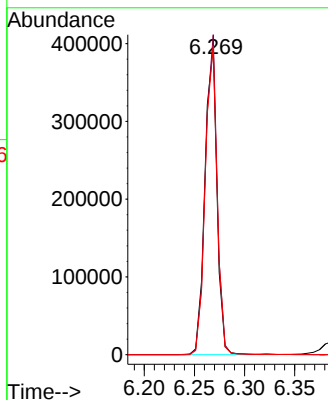
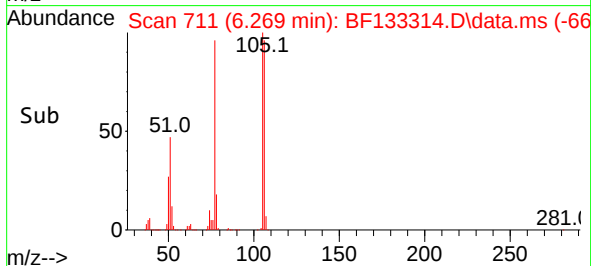
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Ion Ratio Lower Upper
77 100
105 104.1 82.3 122.3
106 100.2 80.8 120.8

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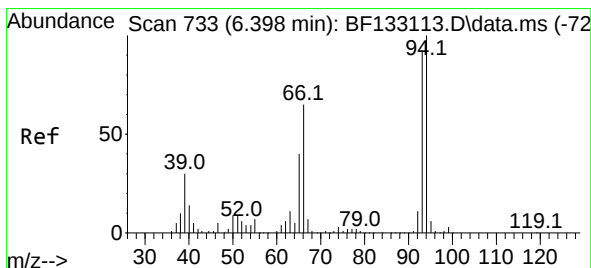
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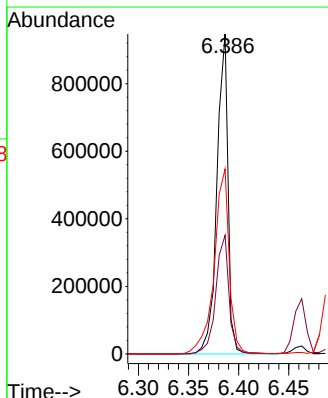
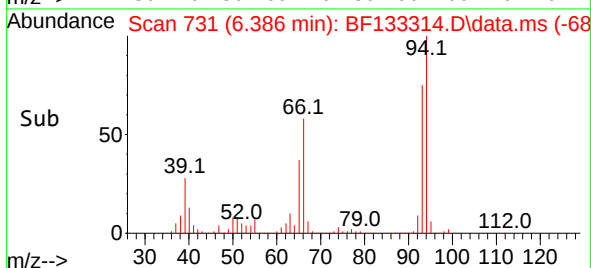
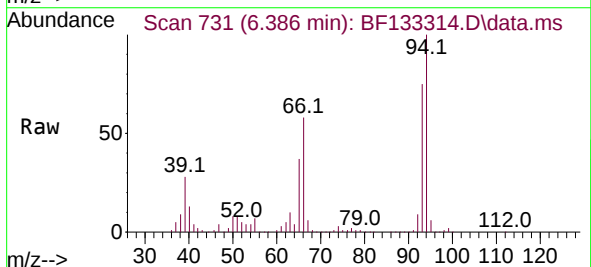


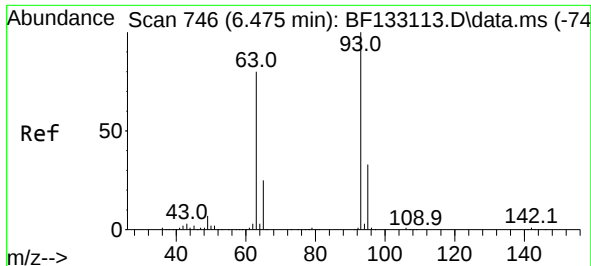
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#10
Phenol
Concen: 39.769 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion: 94 Resp: 728664
Ion Ratio Lower Upper
94 100
65 37.1 8.6 48.6
66 57.8 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 41.294 ng

RT: 6.463 min Scan# 746

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

Tgt Ion: 93 Resp: 567760

Ion Ratio Lower Upper

93 100

63 78.0 60.6 100.6

95 33.2 12.9 52.9

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Supervised By :Jagrut

Upadhyay

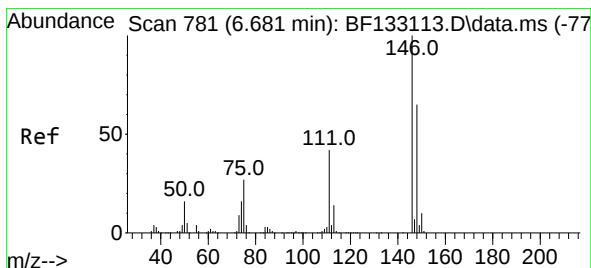
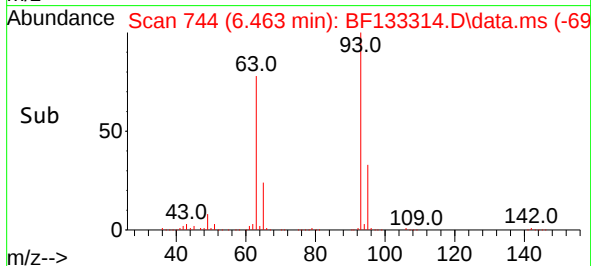
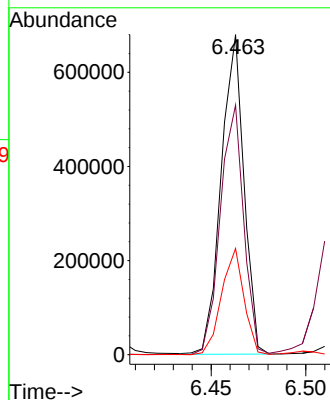
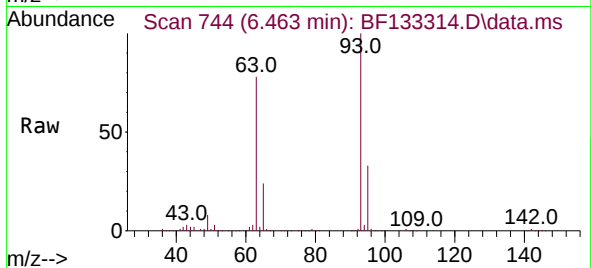
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#12

1,3-Dichlorobenzene

Concen: 43.694 ng

RT: 6.663 min Scan# 778

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

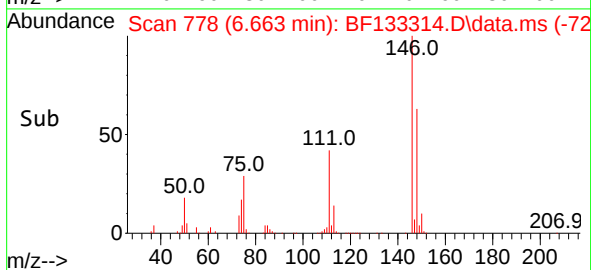
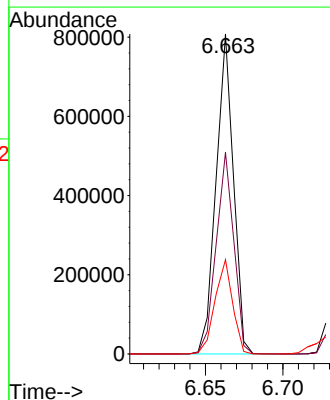
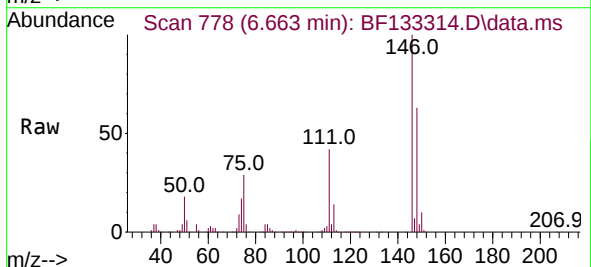
Tgt Ion:146 Resp: 631142

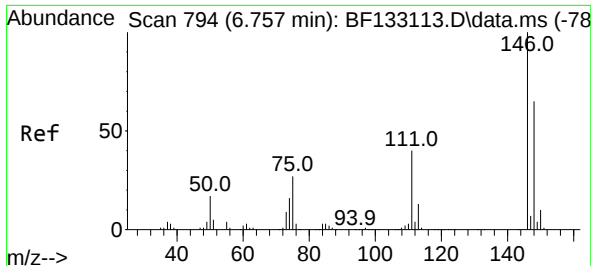
Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.4

75 29.5 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 44.259 ng

RT: 6.739 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF133314.D

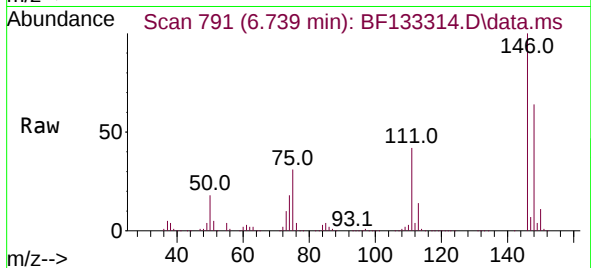
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS



Tgt Ion:146 Resp: 64072

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.3	75.5
111	41.9	33.8	50.6

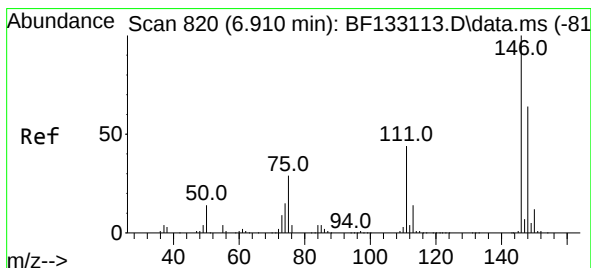
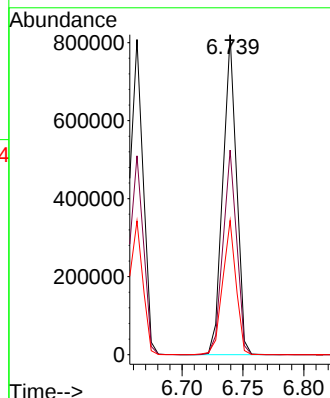
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Supervised By :Jagrut Upadhyay 05/10/2023

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Upadhyay

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#14

1,2-Dichlorobenzene

Concen: 44.468 ng

RT: 6.892 min Scan# 817

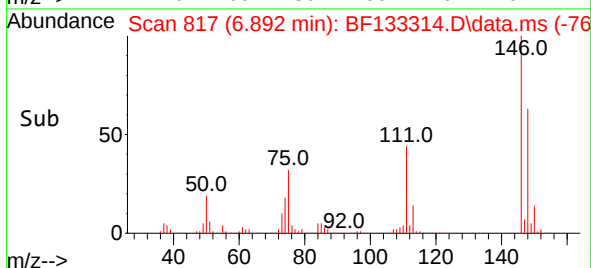
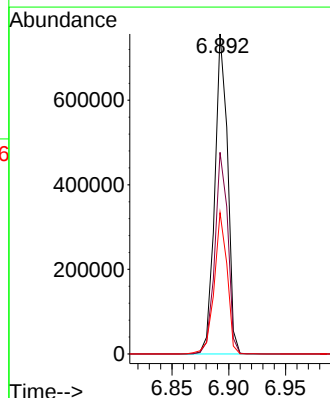
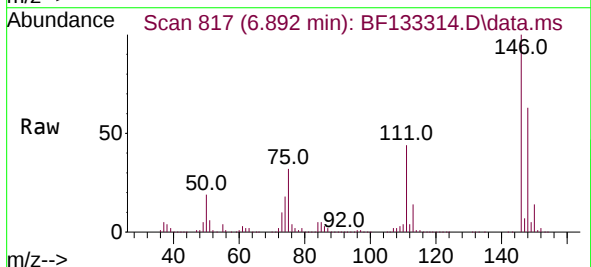
Delta R.T. -0.006 min

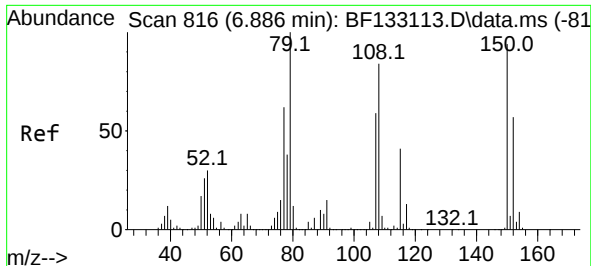
Lab File: BF133314.D

Acq: 09 May 2023 13:24

Tgt Ion:146 Resp: 593498

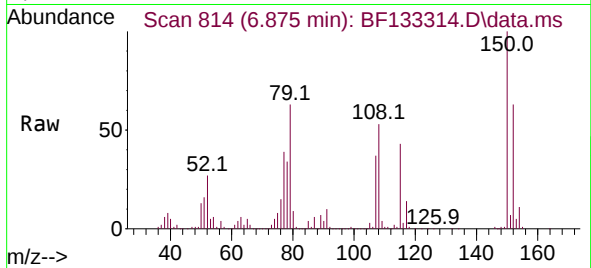
Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.2
111	44.2	32.8	49.2





#15
Benzyl Alcohol
Concen: 40.012 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :
BNA_F
ClientSampleId :
PB152670BS



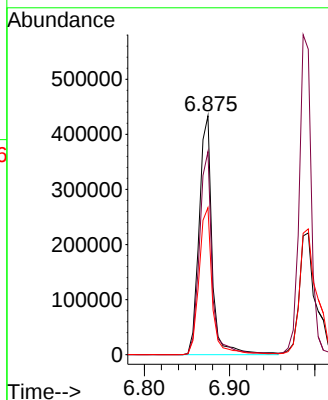
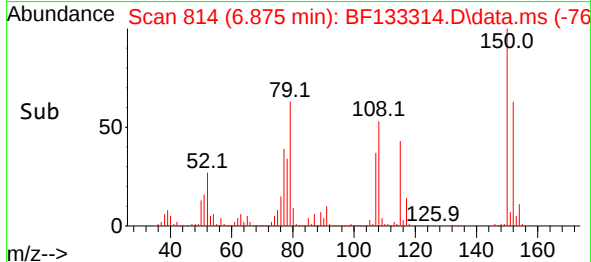
Tgt Ion: 79 Resp: 45905
Ion Ratio Lower Upper
79 100
108 85.0 66.6 99.8
77 61.6 49.2 73.8

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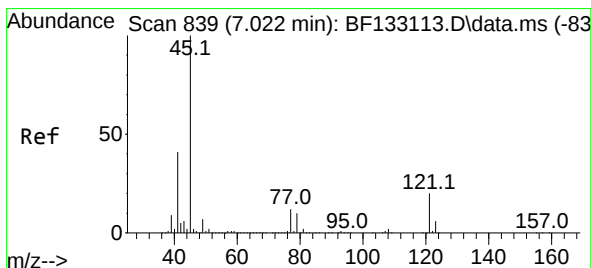
Reviewed By :Christian Giraldo 05/10/2023
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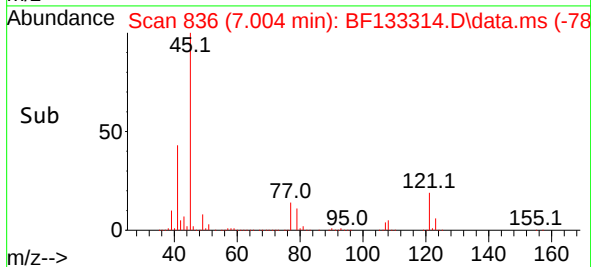
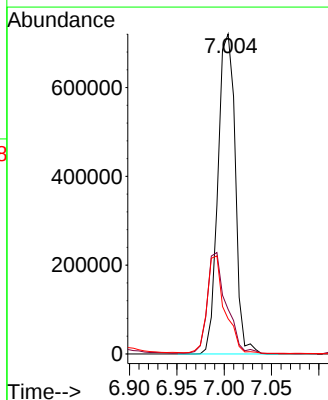
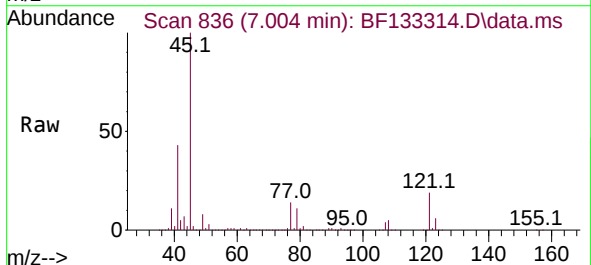


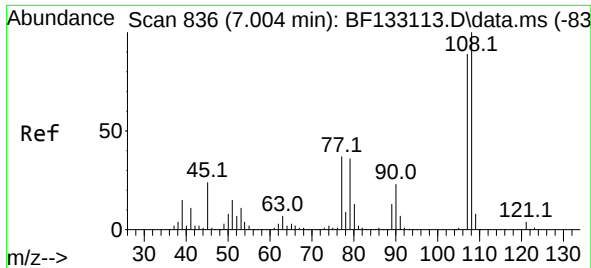
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.347 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion: 45 Resp: 915775
Ion Ratio Lower Upper
45 100
77 14.0 0.0 31.5
79 11.0 0.0 28.7





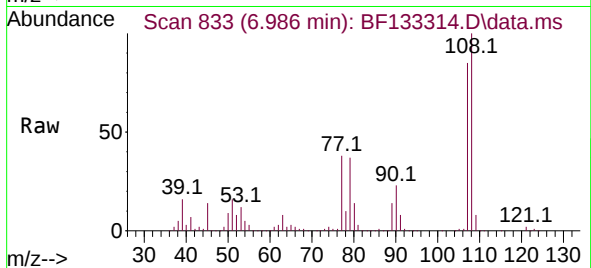
#17
2-Methylphenol
Concen: 39.610 ng
RT: 6.986 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS



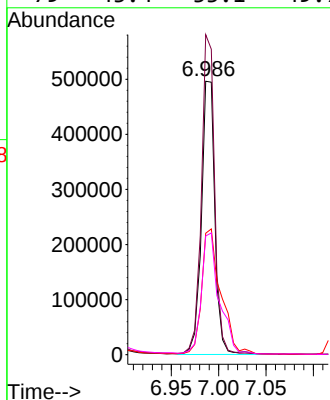
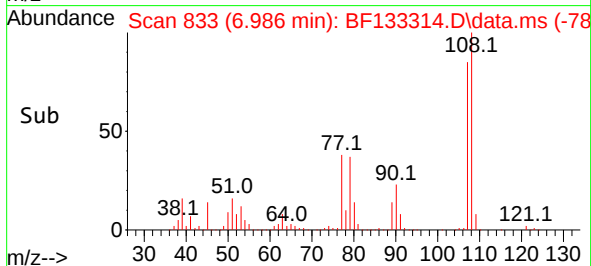
Tgt Ion:107 Resp: 49278
Ion Ratio Lower Upper
107 100
108 117.0 92.4 138.6
77 44.4 33.8 50.8
79 43.4 33.1 49.7

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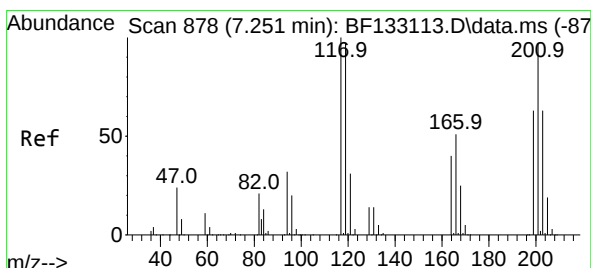
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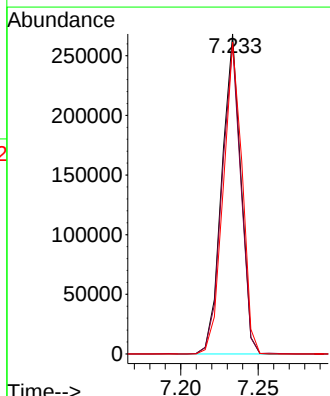
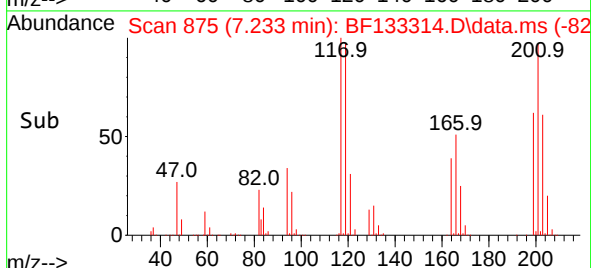
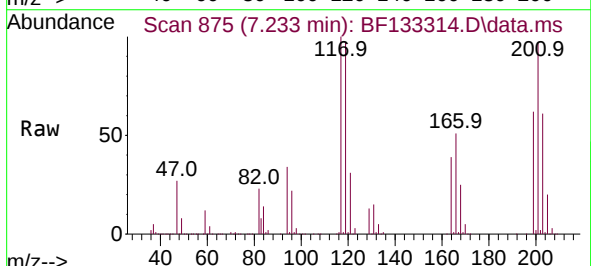


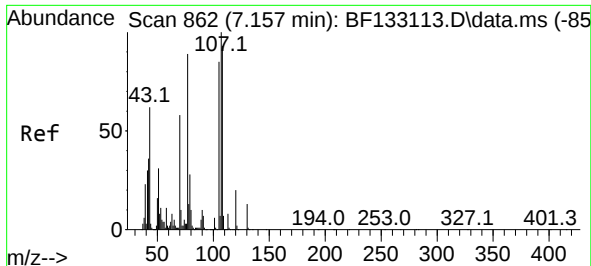
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#18
Hexachloroethane
Concen: 45.228 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:117 Resp: 227639
Ion Ratio Lower Upper
117 100
119 96.9 78.2 117.4
201 97.4 81.7 122.5





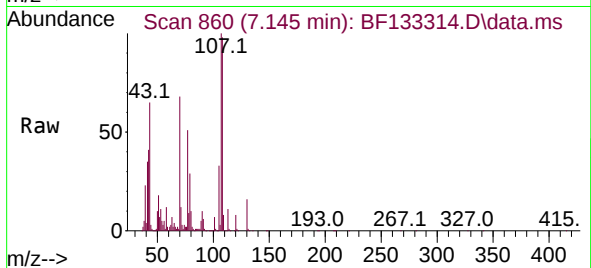
#19
n-Nitroso-di-n-propylamine
Concen: 37.220 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 70 Resp: 38485
Ion Ratio Lower Upper
70 100
42 60.1 51.8 77.6
101 10.4 8.0 12.0
130 23.4 16.8 25.2

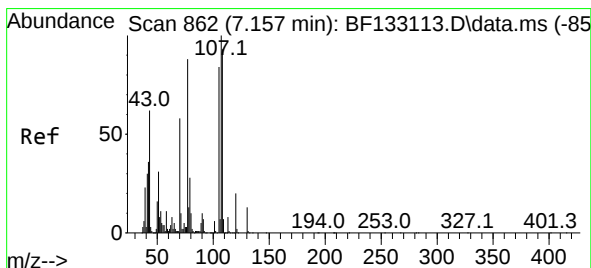
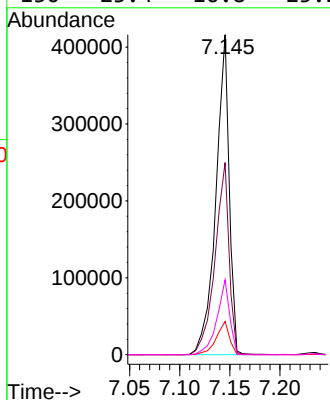
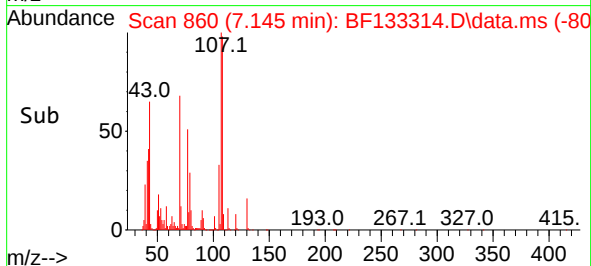
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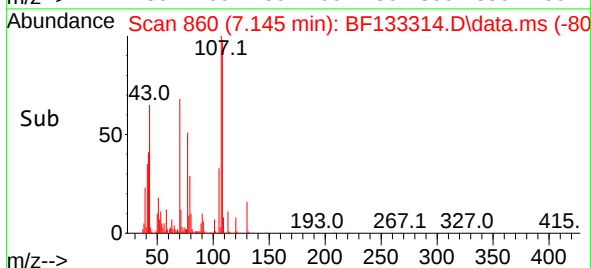
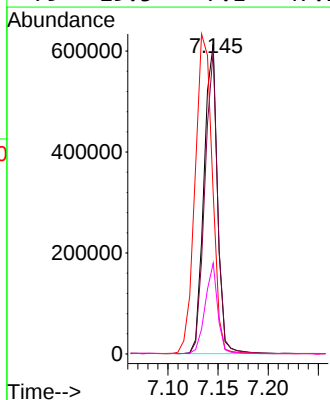
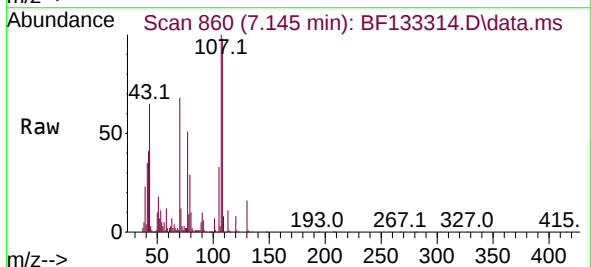
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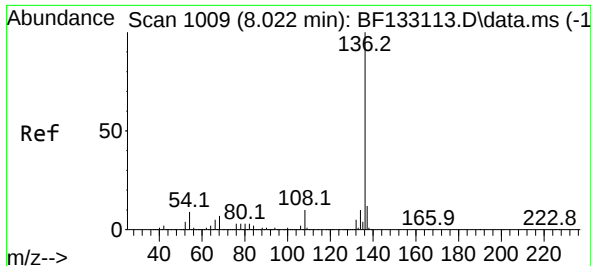
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#20
3+4-Methylphenols
Concen: 39.435 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:107 Resp: 577766
Ion Ratio Lower Upper
107 100
108 97.8 70.5 110.5
77 51.5 91.7 131.7#
79 29.3 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

Tgt Ion:136 Resp: 803538
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.9 7.0 10.4
68 6.1 5.4 8.2

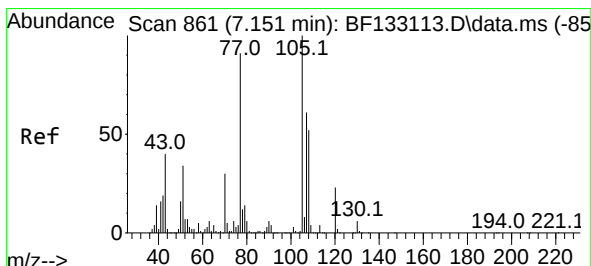
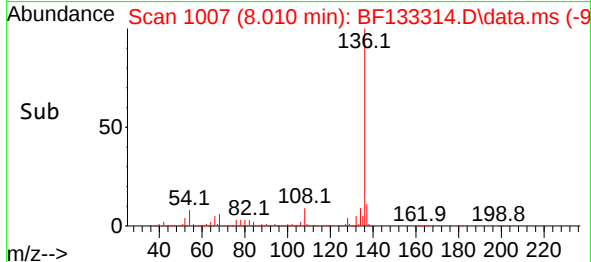
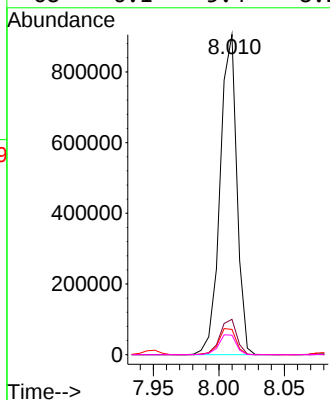
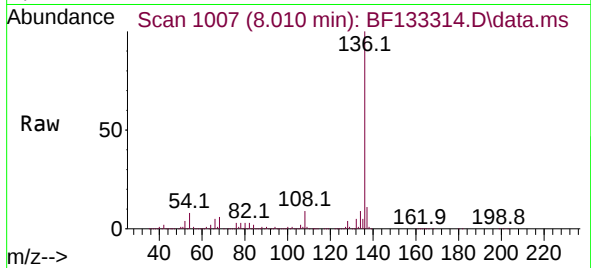
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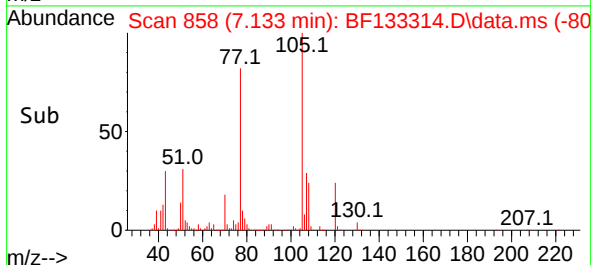
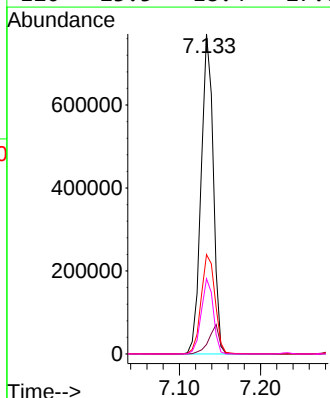
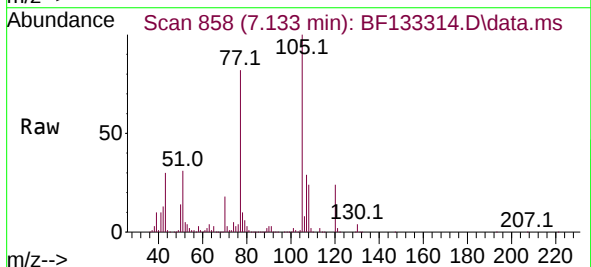
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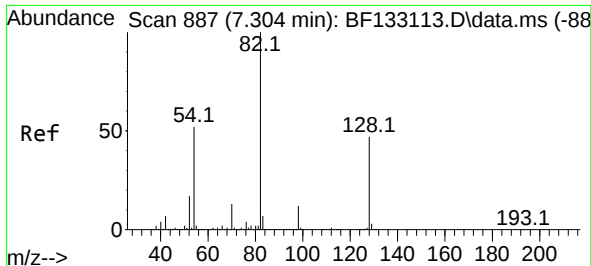
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#22
Acetophenone
Concen: 43.081 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:105 Resp: 801900
Ion Ratio Lower Upper
105 100
71 2.9 4.6 7.0#
51 31.1 28.2 42.2
120 23.5 18.4 27.6





#23

Nitrobenzene-d5

Concen: 66.045 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

Tgt Ion: 82 Resp: 98318

Ion Ratio Lower Upper

82 100

128 49.1 37.7 56.5

54 52.0 43.0 64.4

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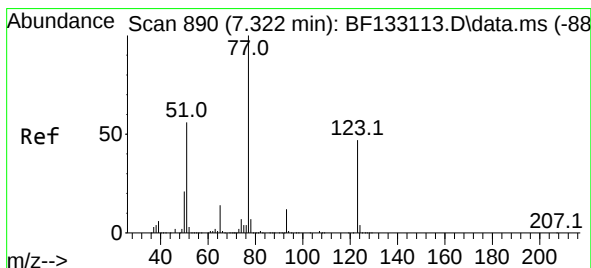
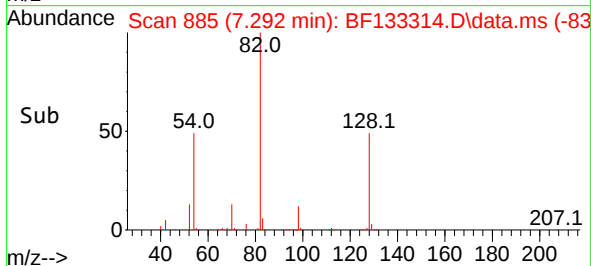
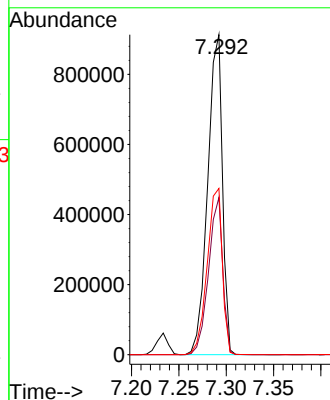
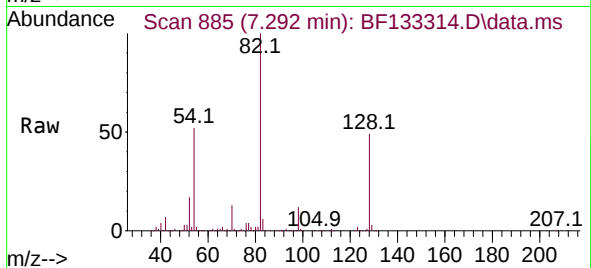
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#24

Nitrobenzene

Concen: 40.609 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.006 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

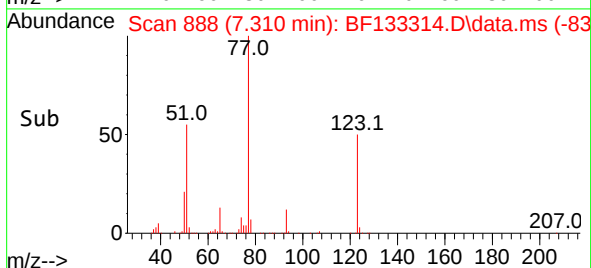
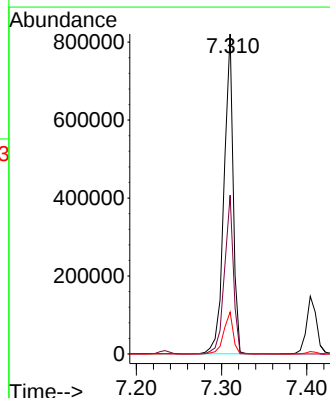
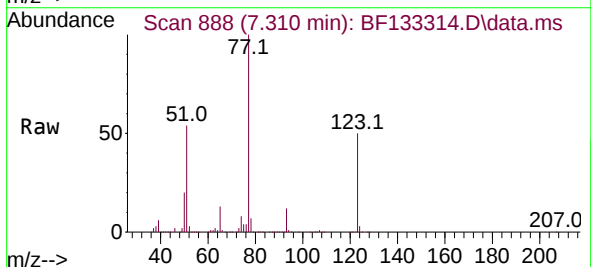
Tgt Ion: 77 Resp: 612589

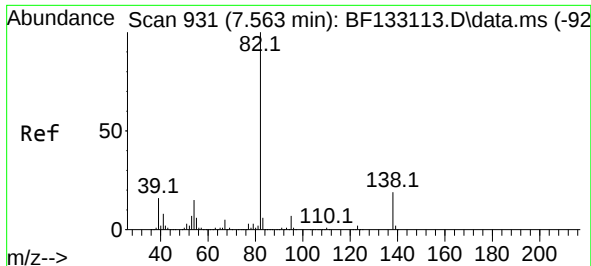
Ion Ratio Lower Upper

77 100

123 49.6 39.9 59.9

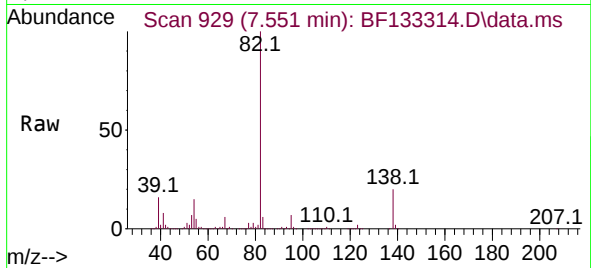
65 13.1 10.7 16.1





#25
Isophorone
Concen: 40.648 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

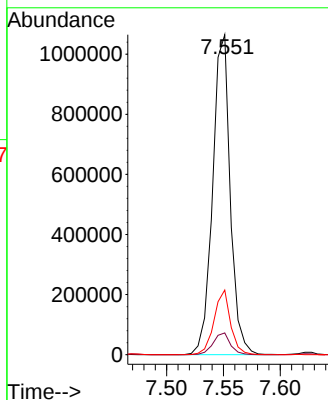
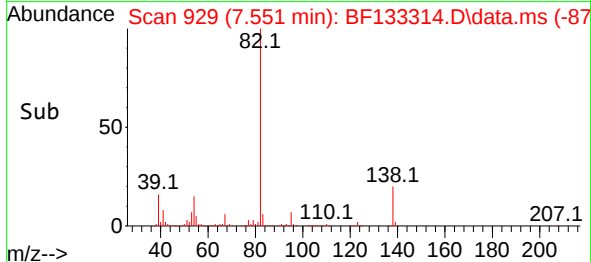
Instrument :
BNA_F
ClientSampleId :
PB152670BS



Tgt Ion: 82 Resp: 114889
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 20.2 16.0 24.0

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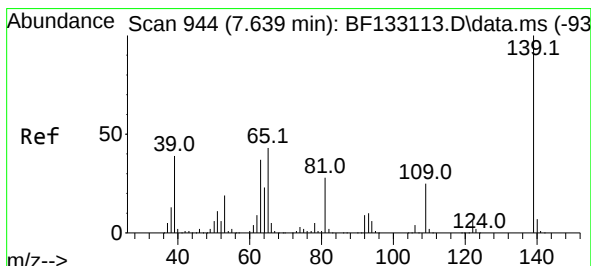
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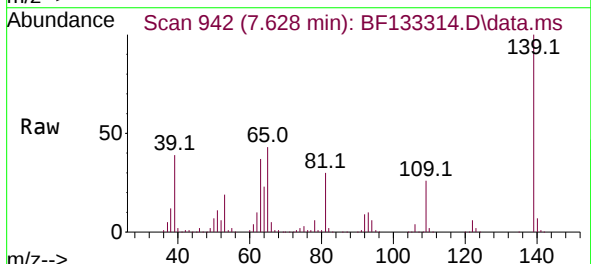
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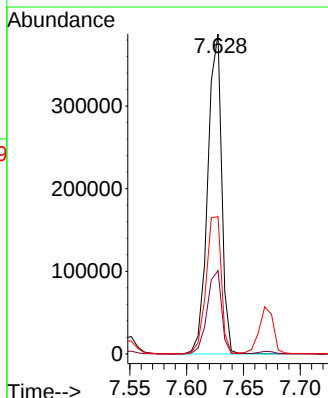
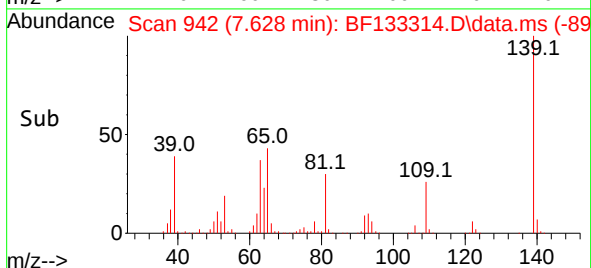
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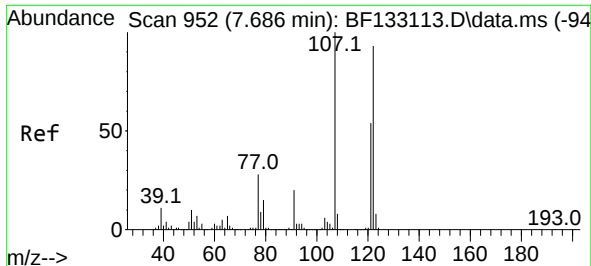


#26
2-Nitrophenol
Concen: 45.380 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24



Tgt Ion:139 Resp: 330187
Ion Ratio Lower Upper
139 100
109 26.1 21.6 32.4
65 42.9 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 43.244 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF133314.D

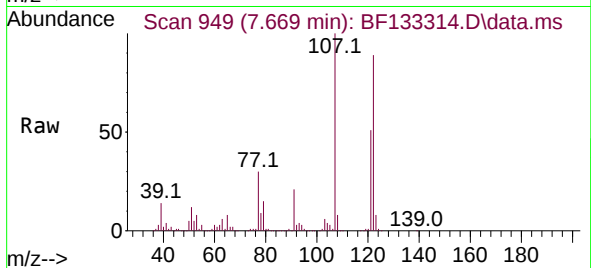
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

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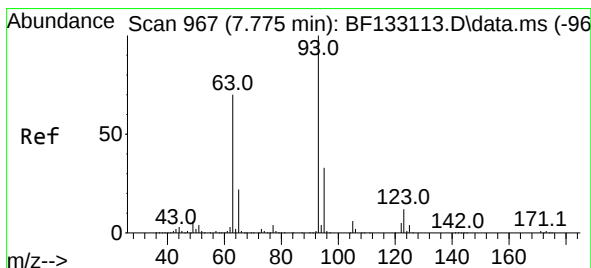
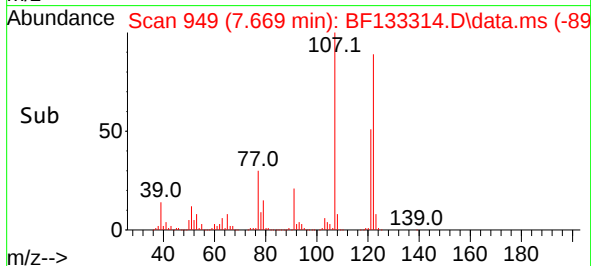
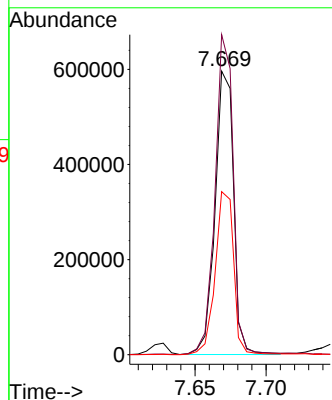
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.8	89.7	134.5
121	57.5	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 41.421 ng

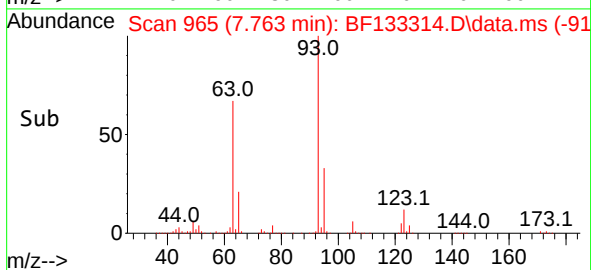
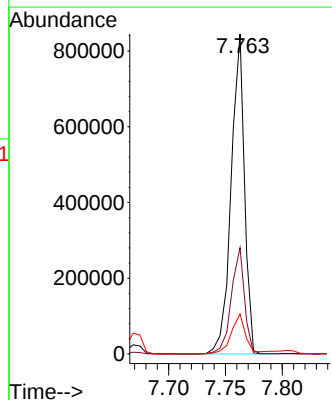
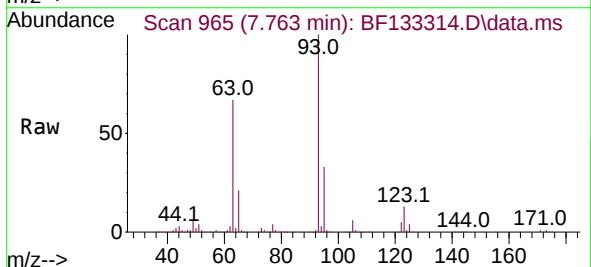
RT: 7.763 min Scan# 965

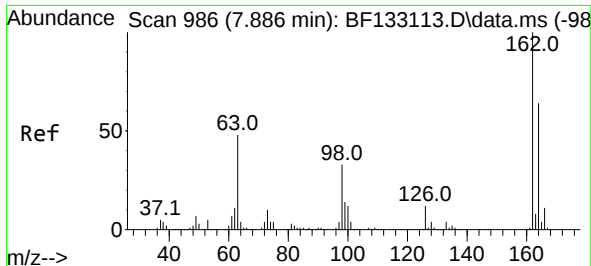
Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.4	39.6
123	12.5	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 43.648 ng

RT: 7.869 min Scan# 986

Delta R.T. -0.006 min

Lab File: BF133314.D

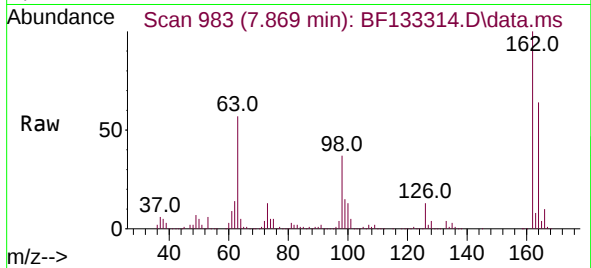
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.9	83.9
98	37.3	17.0	57.0

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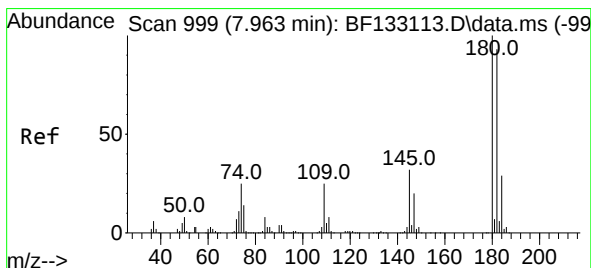
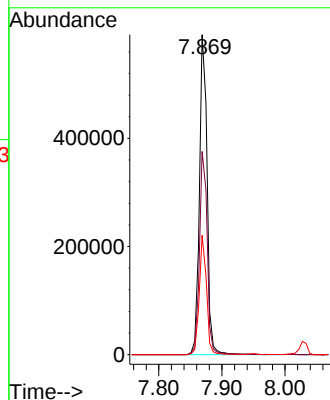
Reviewed By :Christian Giraldo 05/10/2023

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Upadhyay
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Upadhyay

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#30

1,2,4-Trichlorobenzene

Concen: 44.199 ng

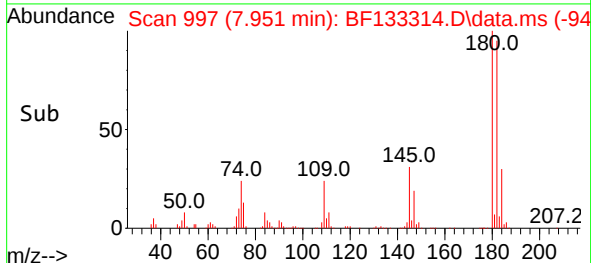
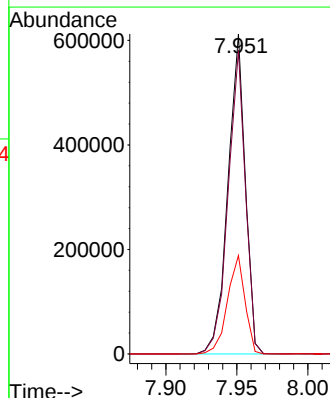
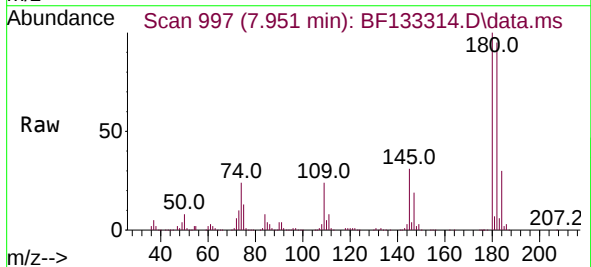
RT: 7.951 min Scan# 997

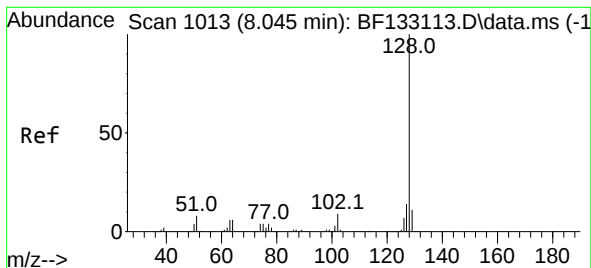
Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.9	113.9
145	30.8	25.3	37.9





#31

Naphthalene

Concen: 41.699 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

Tgt Ion:128 Resp: 167521

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

127 13.5 10.7 16.1

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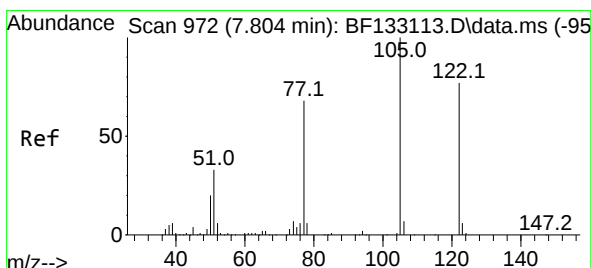
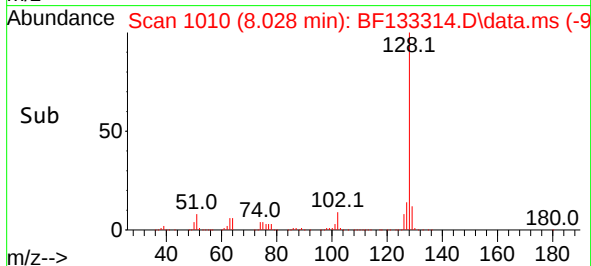
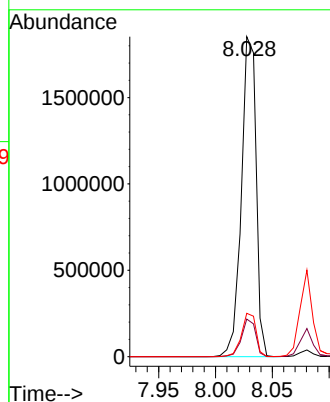
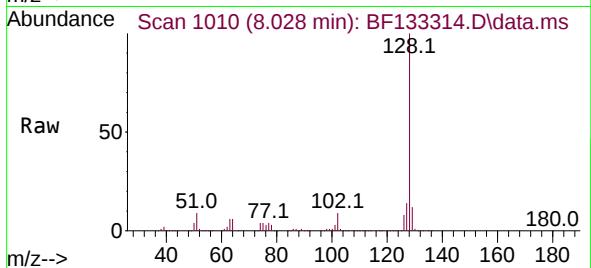
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#32

Benzoic acid

Concen: 42.965 ng m

RT: 7.804 min Scan# 972

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

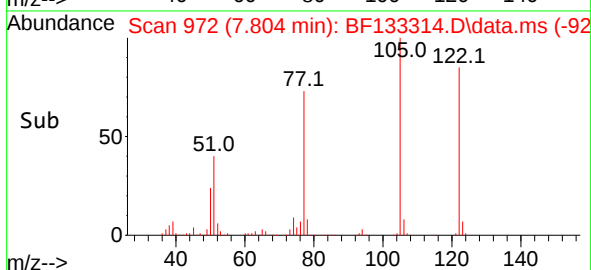
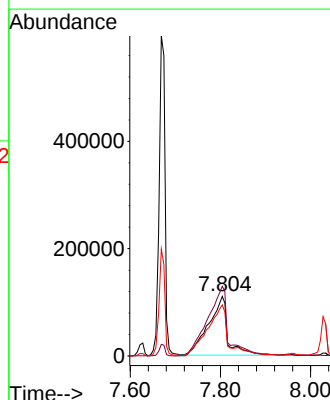
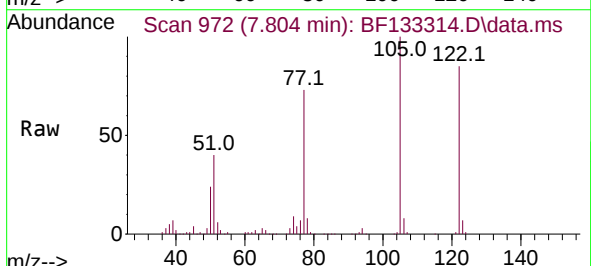
Tgt Ion:122 Resp: 331109

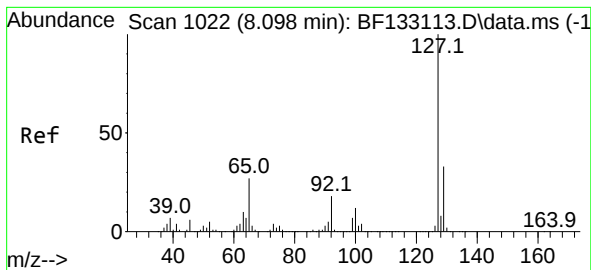
Ion Ratio Lower Upper

122 100

105 117.0 104.2 144.2

77 85.9 69.7 109.7





#33
4-Chloroaniline
Concen: 25.362 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

Tgt Ion:127 Resp: 411672
Ion Ratio Lower Upper
127 100
129 32.5 25.8 38.8
65 30.0 23.6 35.4
92 18.5 15.3 22.9

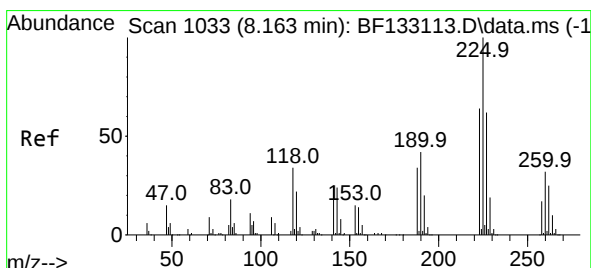
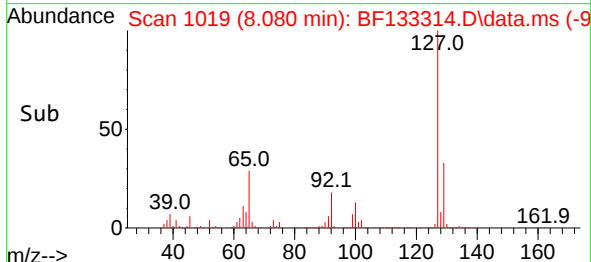
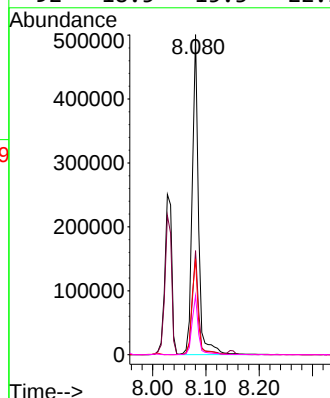
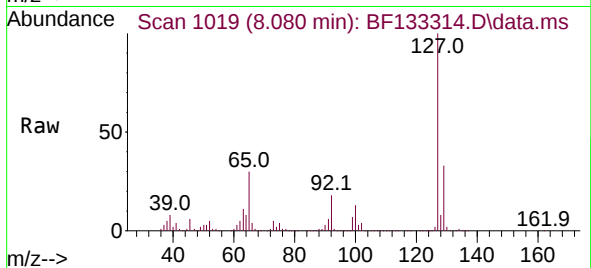
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Supervised By :Jagrut Upadhyay 05/10/2023

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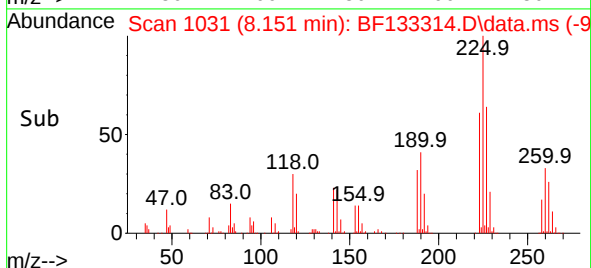
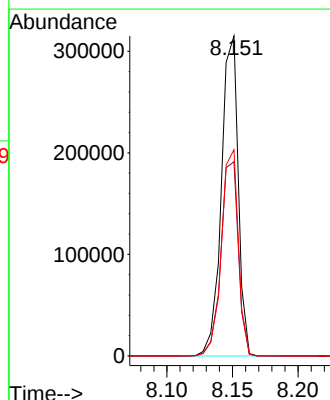
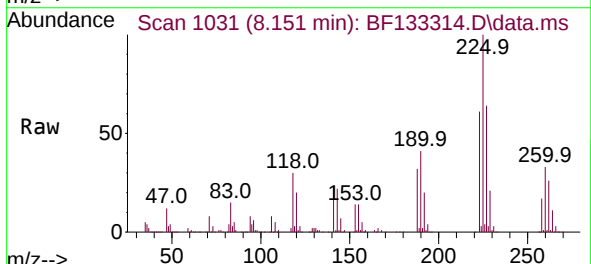
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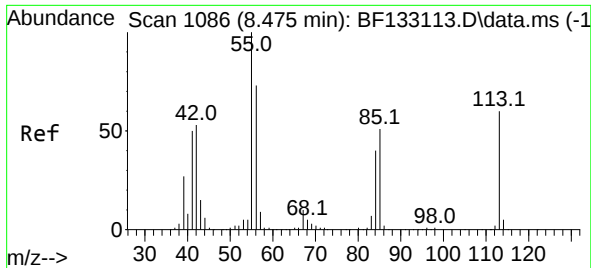
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#34
Hexachlorobutadiene
Concen: 42.989 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

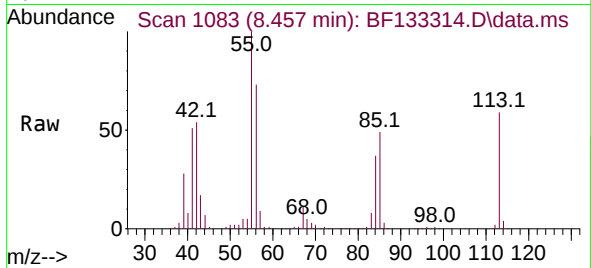
Tgt Ion:225 Resp: 280357
Ion Ratio Lower Upper
225 100
223 60.7 50.9 76.3
227 64.4 50.3 75.5





#35
Caprolactam
Concen: 44.717 ng m
RT: 8.457 min Scan# 1086
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :
BNA_F
ClientSampleId :
PB152670BS



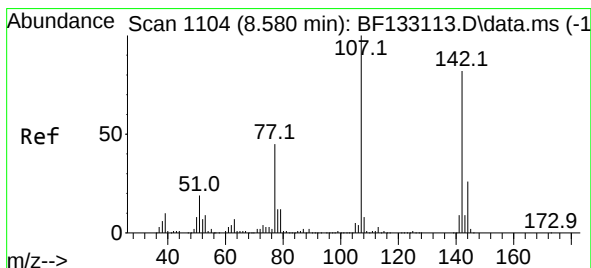
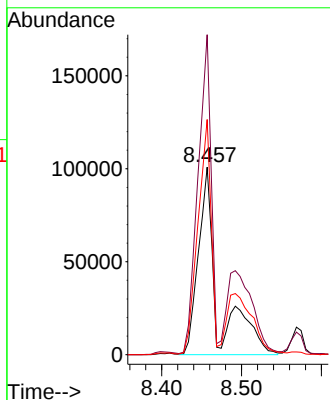
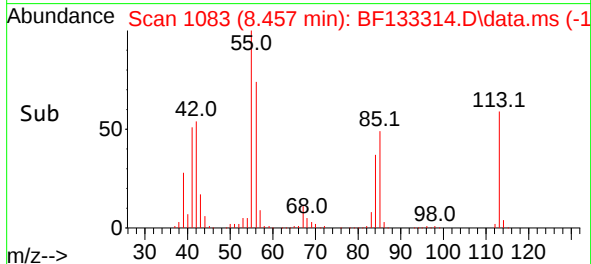
Tgt Ion:113 Resp: 170610
Ion Ratio Lower Upper
113 100
55 170.7 167.1 207.1
56 125.4 114.5 154.5

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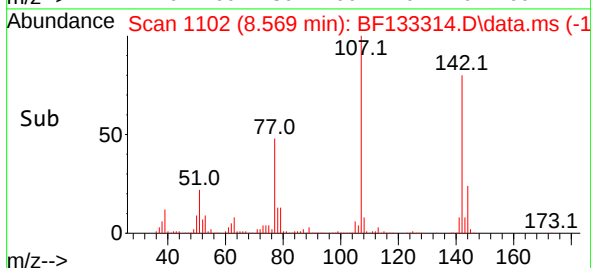
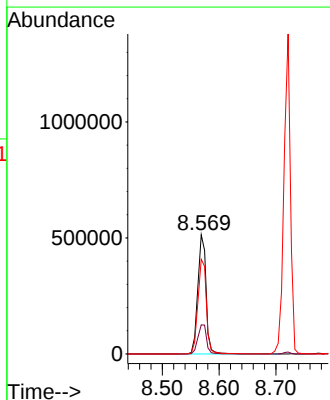
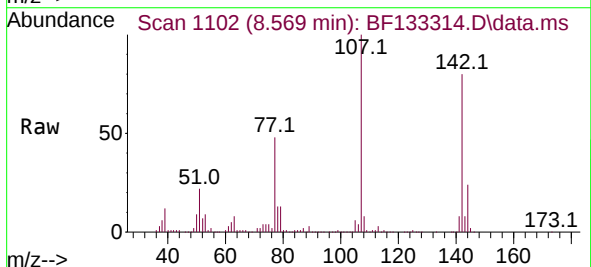
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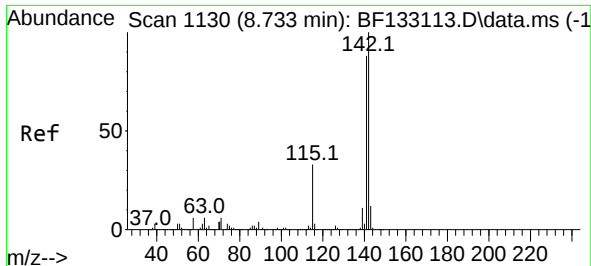
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#36
4-Chloro-3-methylphenol
Concen: 42.792 ng
RT: 8.569 min Scan# 1102
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:107 Resp: 524113
Ion Ratio Lower Upper
107 100
144 24.4 20.6 30.8
142 79.5 62.8 94.2





#37
2-Methylnaphthalene
Concen: 39.986 ng
RT: 8.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

Tgt Ion:142 Resp: 109826
Ion Ratio Lower Upper
142 100
141 88.6 69.4 104.0

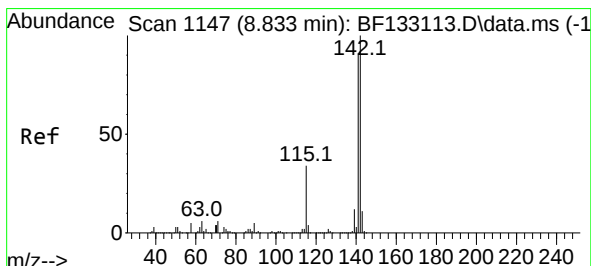
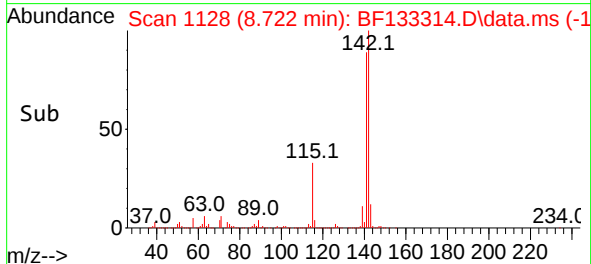
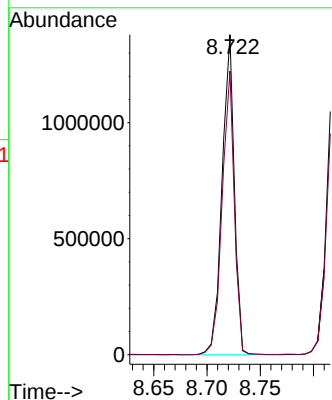
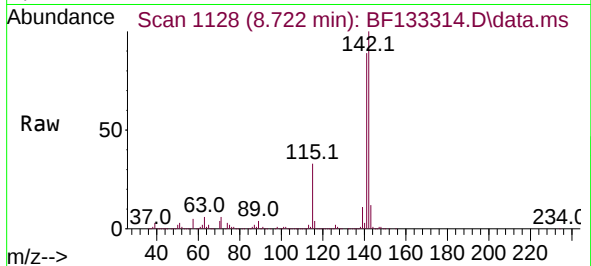
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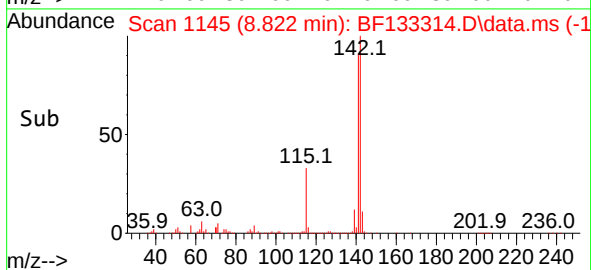
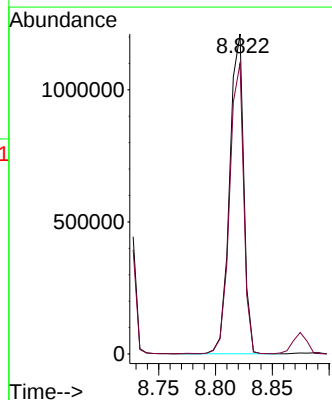
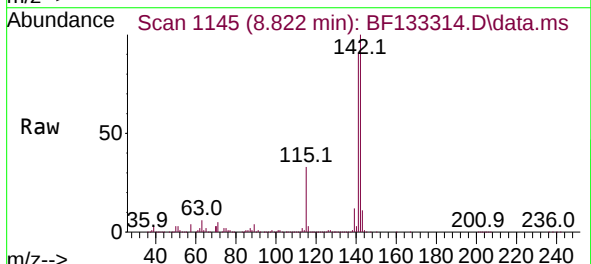
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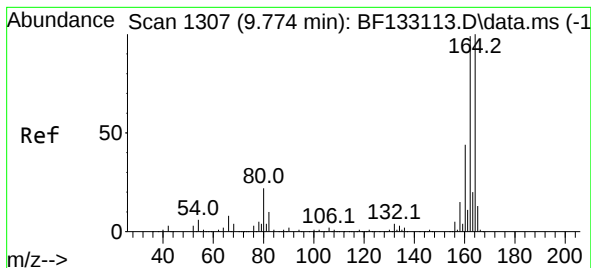
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#38
1-Methylnaphthalene
Concen: 40.697 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:142 Resp: 1045689
Ion Ratio Lower Upper
142 100
141 90.8 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133314.D

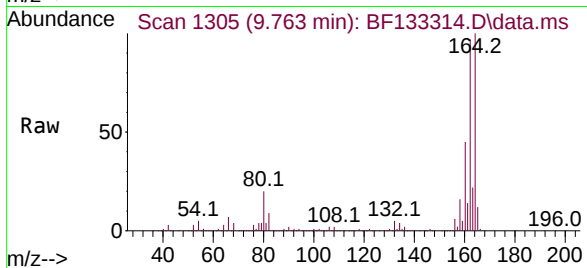
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:164 Resp: 41460

Ion Ratio Lower Upper

164 100

162 97.2 78.7 118.1

160 45.0 35.8 53.6

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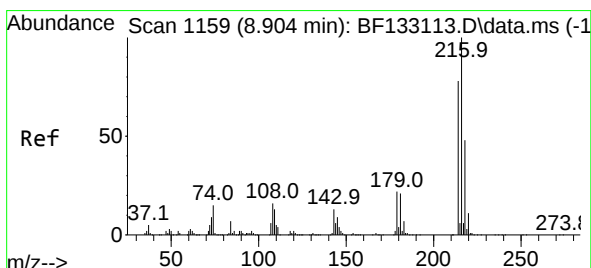
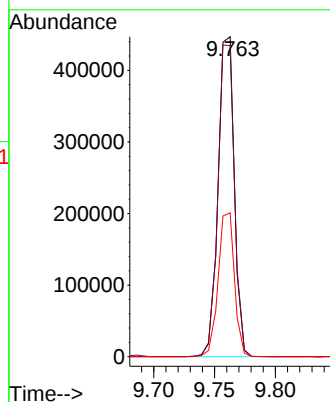
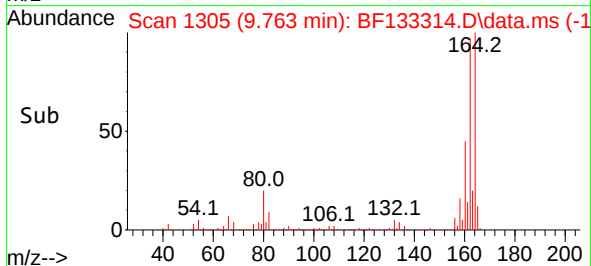
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.646 ng

RT: 8.892 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Tgt Ion:216 Resp: 453103

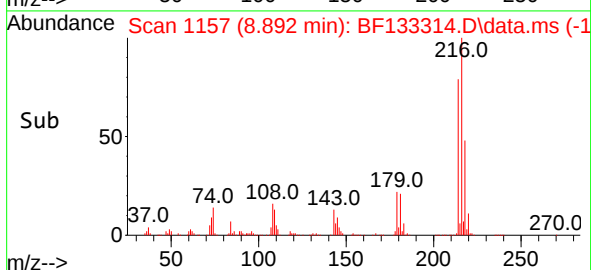
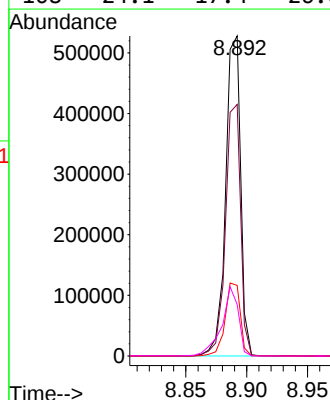
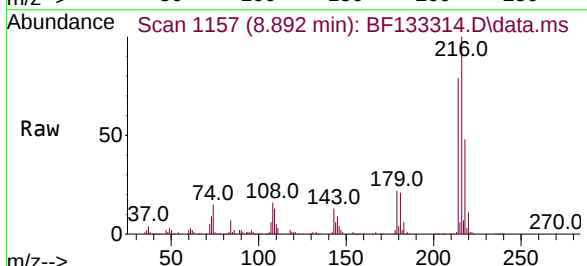
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 23.1 17.4 26.2

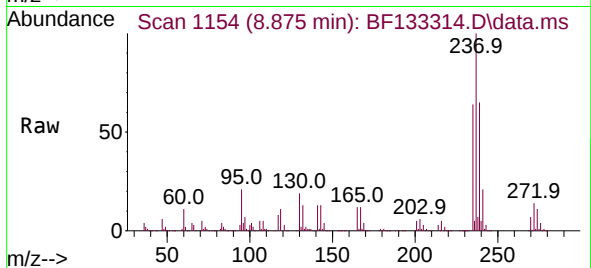
108 24.1 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 85.365 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :
BNA_F
ClientSampleId :
PB152670BS



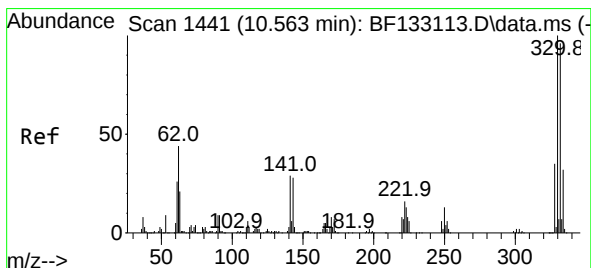
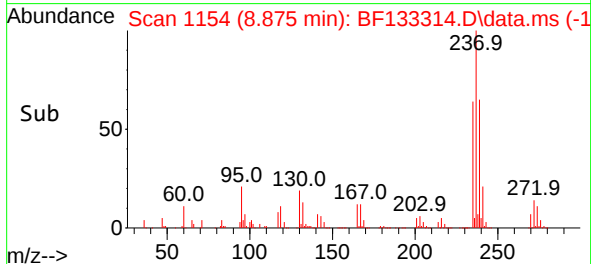
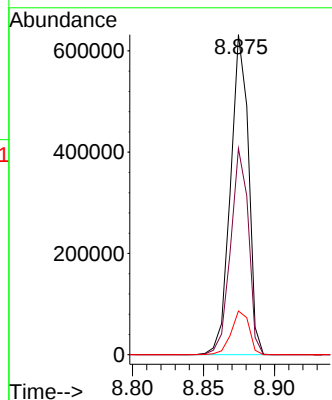
Tgt Ion:237 Resp: 554979
Ion Ratio Lower Upper
237 100
235 64.4 43.5 83.5
272 13.6 0.0 32.7

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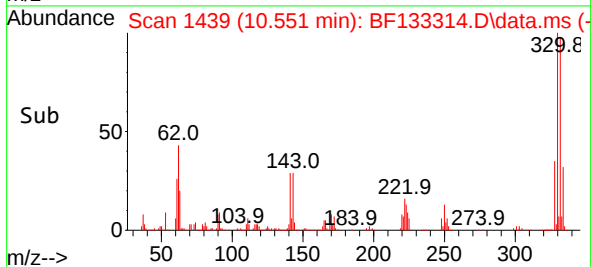
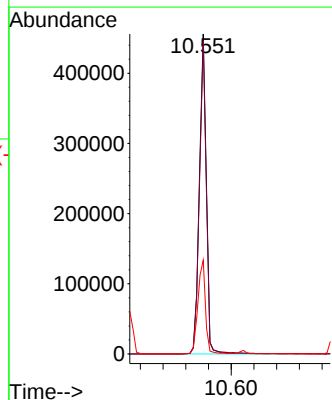
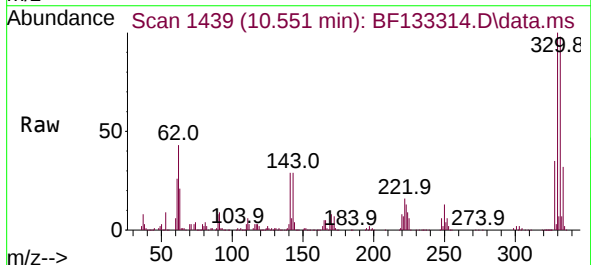
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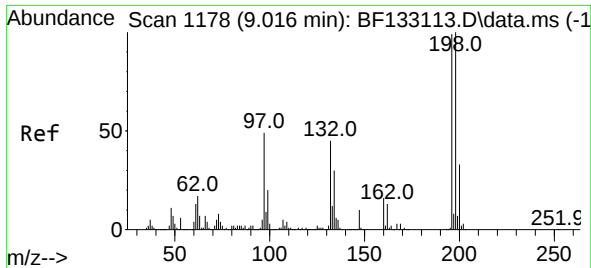
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#42
2,4,6-Tribromophenol
Concen: 94.526 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

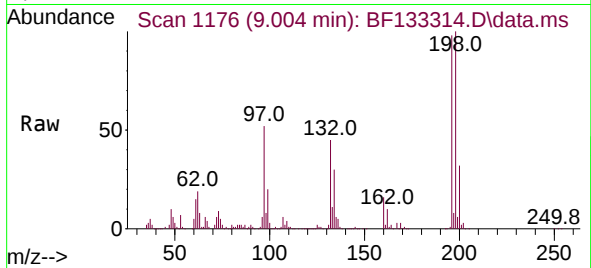
Tgt Ion:330 Resp: 394136
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 31.7 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 41.703 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :
BNA_F
ClientSampleId :
PB152670BS



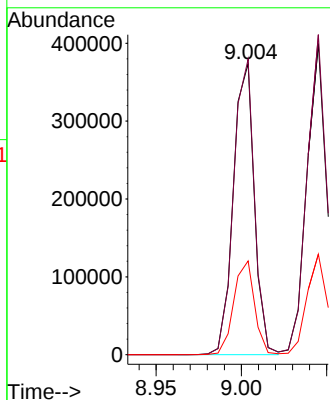
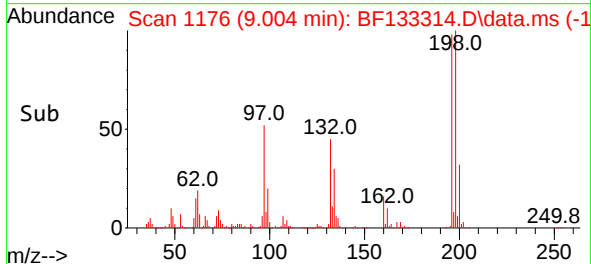
Tgt Ion:196 Resp: 32149
Ion Ratio Lower Upper
196 100
198 101.5 81.0 121.6
200 32.2 26.1 39.1

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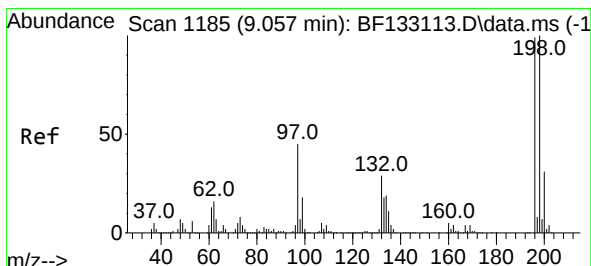
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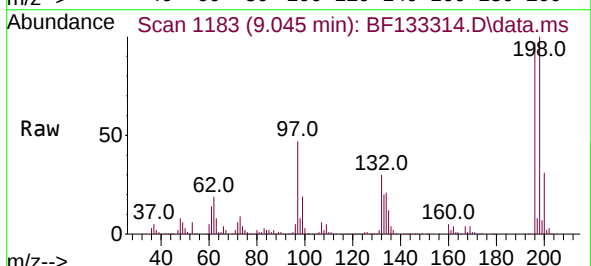
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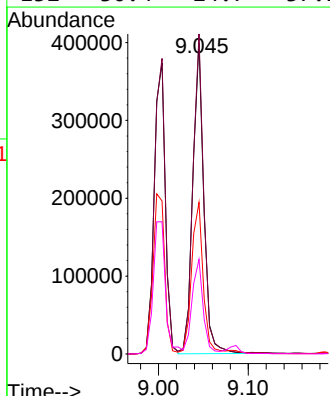
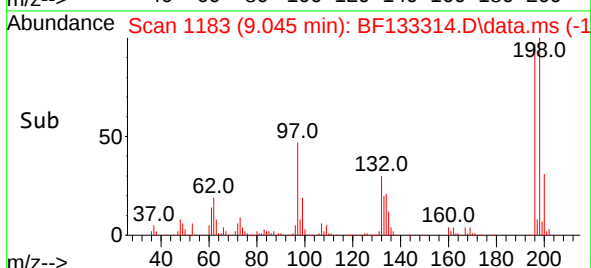
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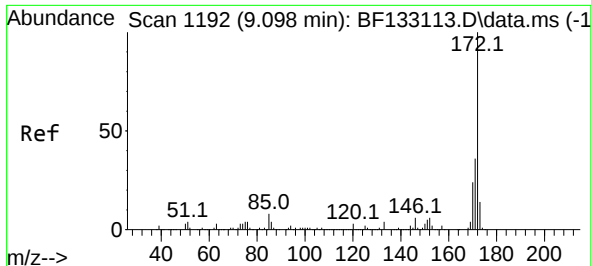


#44
2,4,5-Trichlorophenol
Concen: 38.326 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24



Tgt Ion:196 Resp: 341713
Ion Ratio Lower Upper
196 100
198 102.9 80.9 121.3
97 48.7 41.3 61.9
132 30.4 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 68.513 ng

RT: 9.086 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

Tgt Ion:172 Resp: 169789

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.0 19.4 29.2

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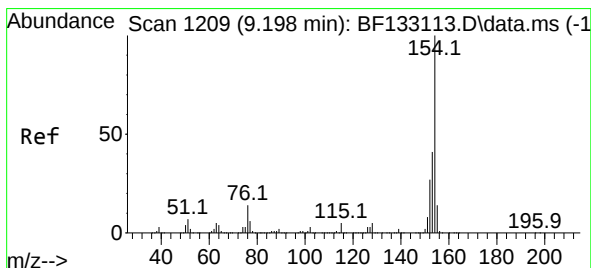
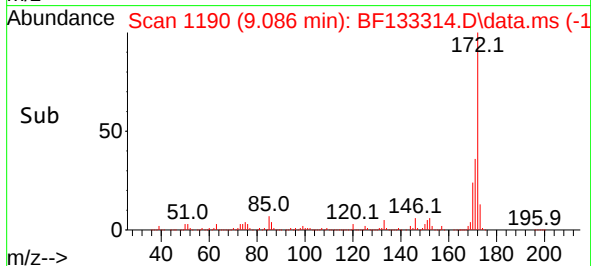
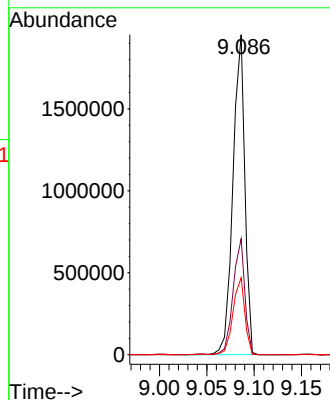
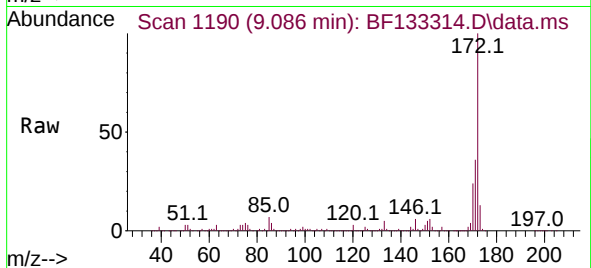
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#46

1,1'-Biphenyl

Concen: 41.201 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

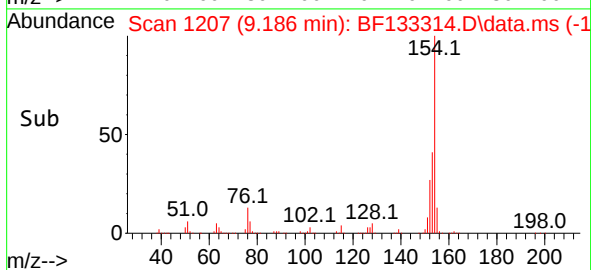
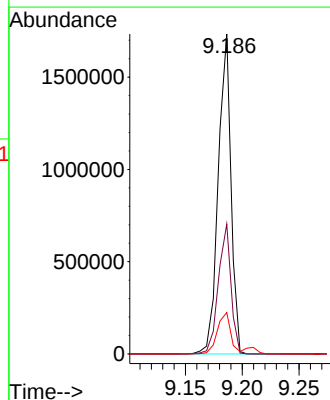
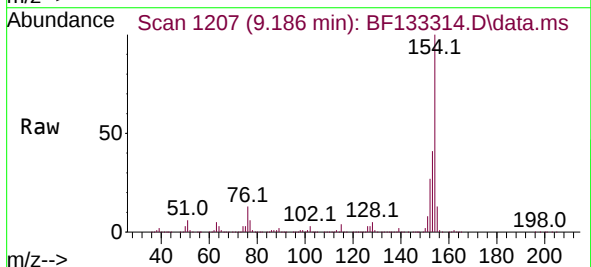
Tgt Ion:154 Resp: 1354527

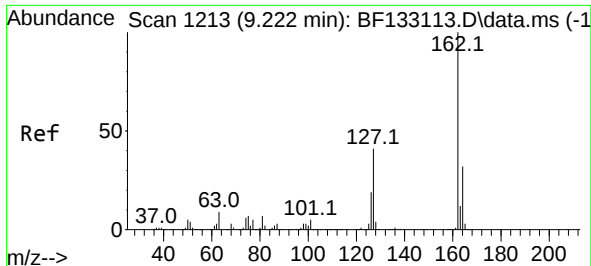
Ion Ratio Lower Upper

154 100

153 40.6 21.0 61.0

76 13.0 0.0 34.5





#47

2-Chloronaphthalene

Concen: 42.222 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

Tgt Ion:162 Resp: 101598

Ion Ratio Lower Upper

162 100

127 39.4 32.3 48.5

164 33.0 26.8 40.2

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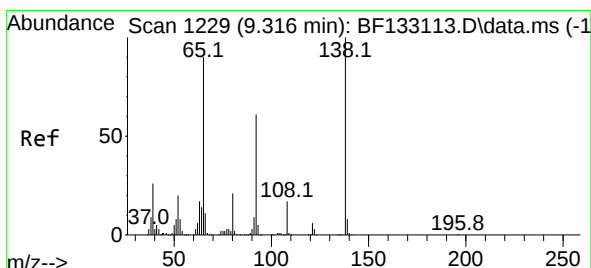
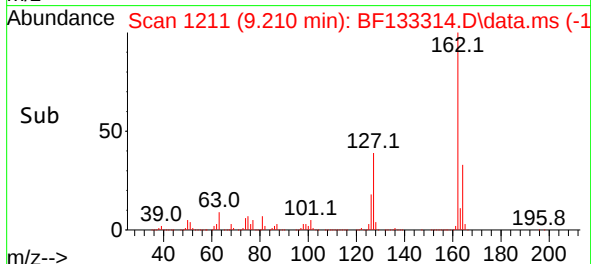
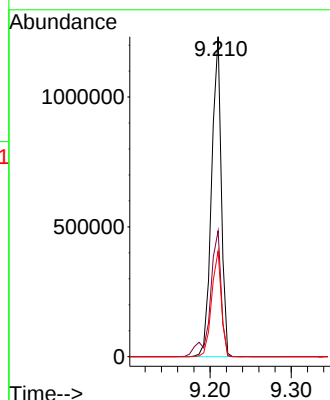
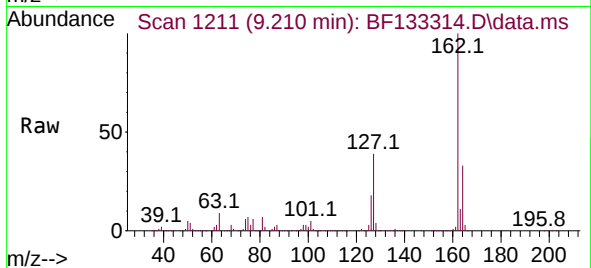
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#48

2-Nitroaniline

Concen: 40.933 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

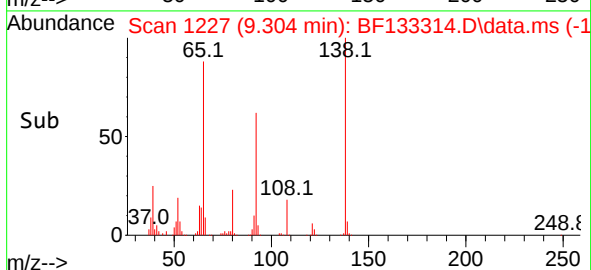
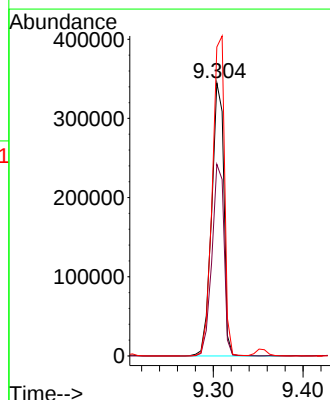
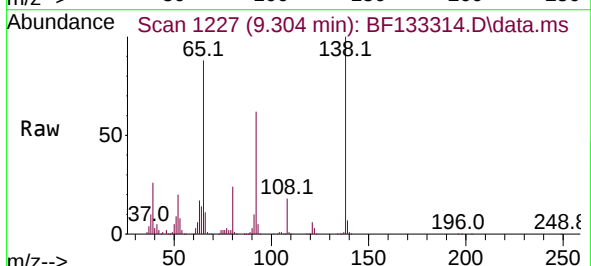
Tgt Ion: 65 Resp: 325529

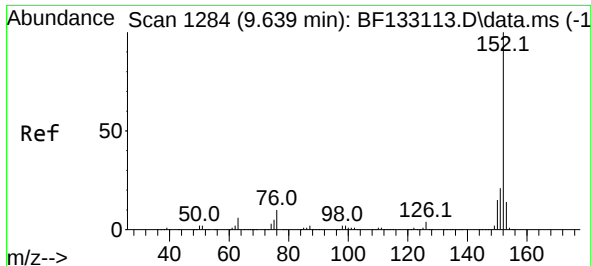
Ion Ratio Lower Upper

65 100

92 70.2 55.4 83.0

138 113.1 98.2 147.2





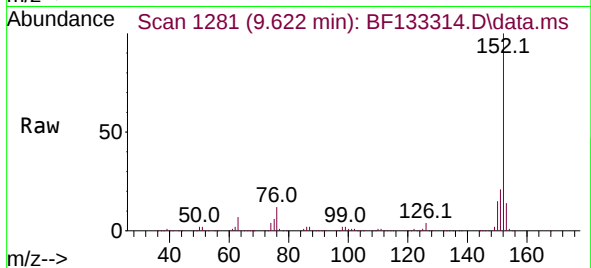
#49
Acenaphthylene
Concen: 40.708 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS



Tgt Ion:152 Resp: 156517
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8
153 14.2 11.5 17.3

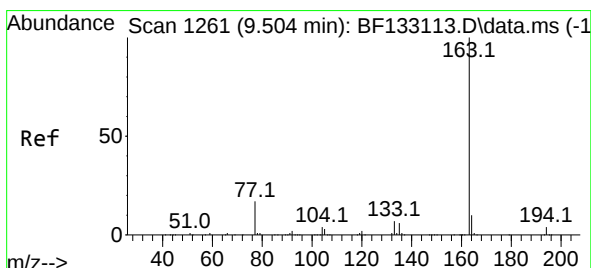
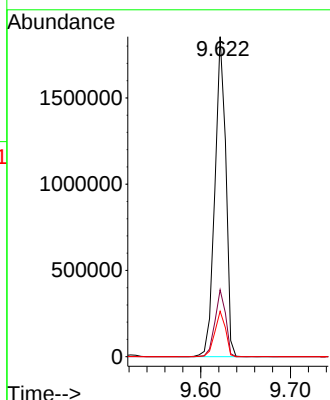
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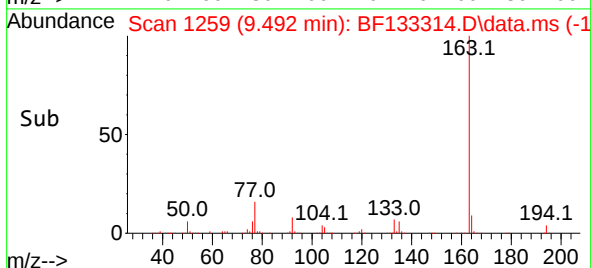
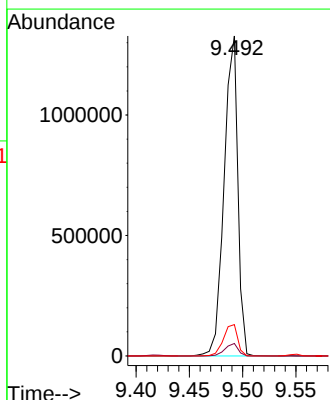
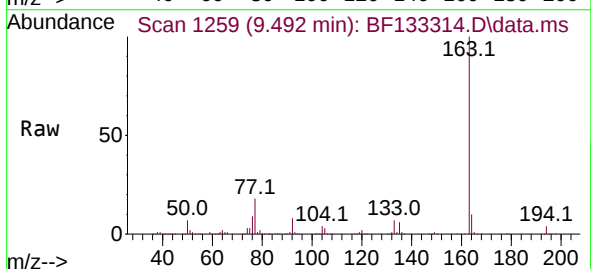
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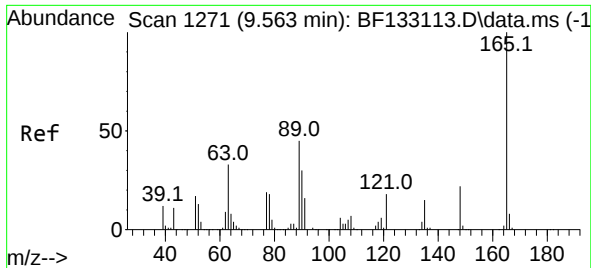
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#50
Dimethylphthalate
Concen: 41.030 ng
RT: 9.492 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:163 Resp: 1186159
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.8 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 42.377 ng
RT: 9.551 min Scan# 110
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

Tgt Ion:165 Resp: 275738
Ion Ratio Lower Upper
165 100
63 46.5 45.9 68.9
89 47.2 44.0 66.0

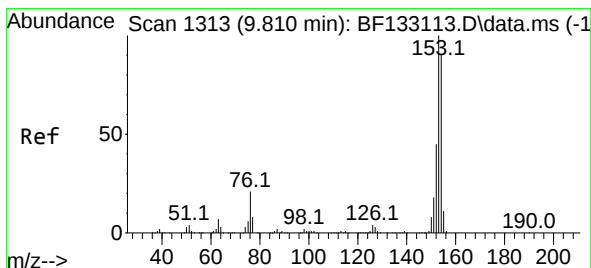
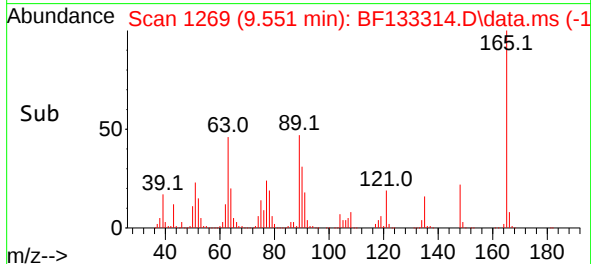
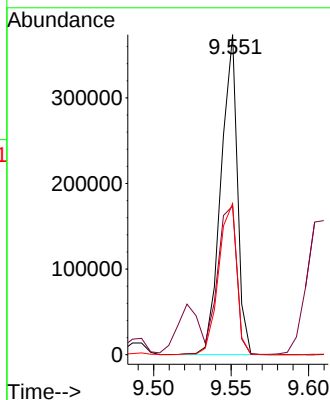
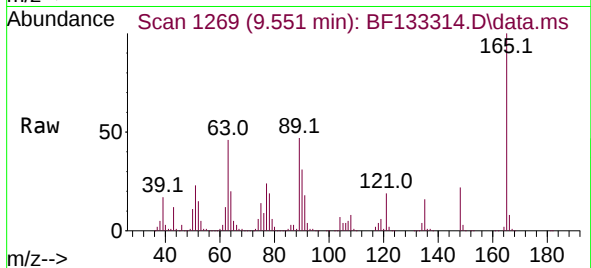
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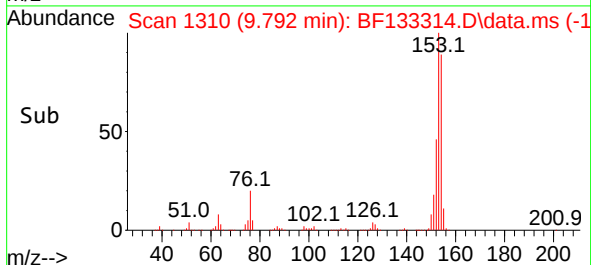
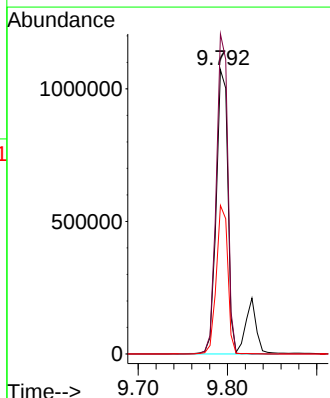
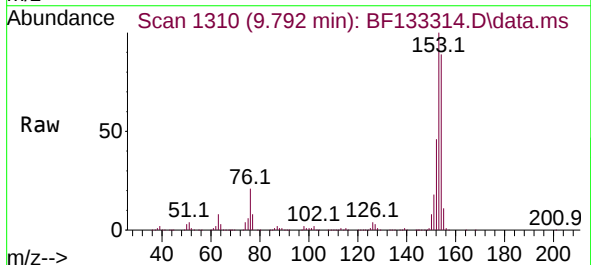
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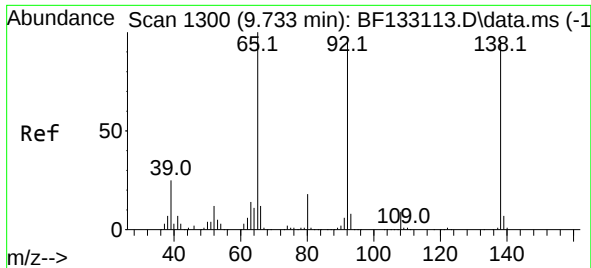
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#52
Acenaphthene
Concen: 44.217 ng m
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:154 Resp: 1138659
Ion Ratio Lower Upper
154 100
153 112.6 89.0 133.6
152 52.3 40.4 60.6





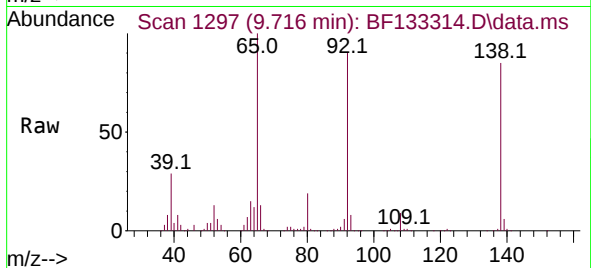
#53
3-Nitroaniline
Concen: 30.472 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS



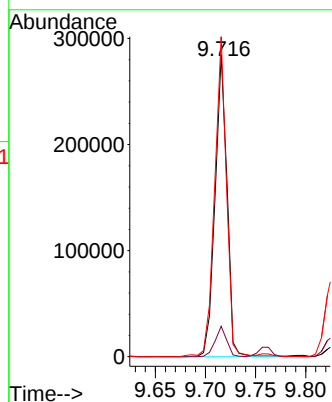
Tgt Ion:138 Resp: 235750
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 106.0 83.6 125.4

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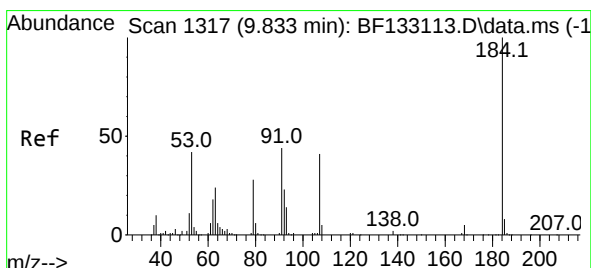
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

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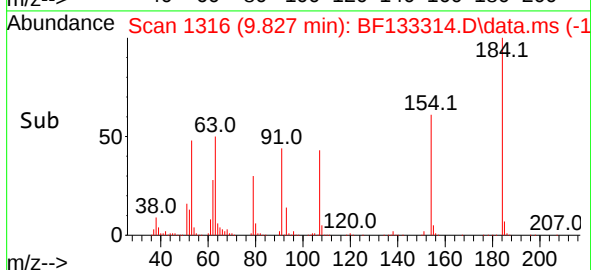
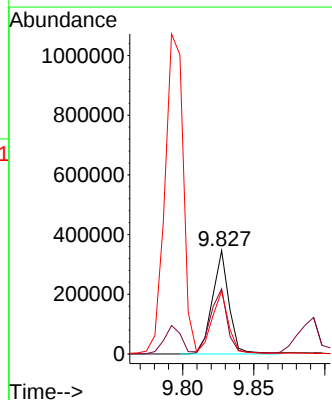
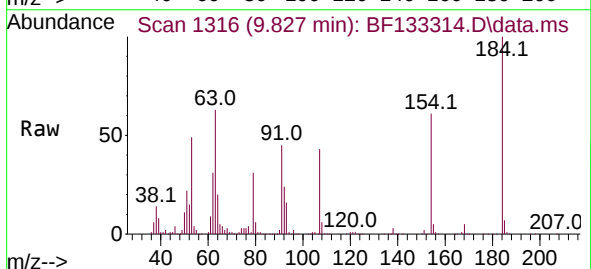


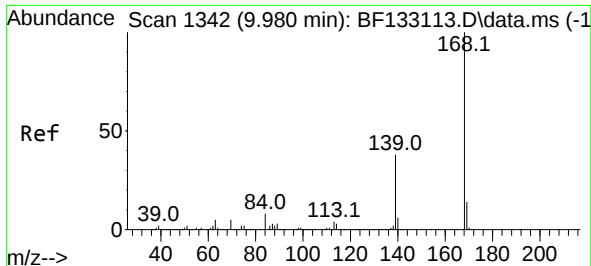
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#54
2,4-Dinitrophenol
Concen: 86.115 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:184 Resp: 281650
Ion Ratio Lower Upper
184 100
63 63.0 49.8 74.8
154 60.9 49.5 74.3





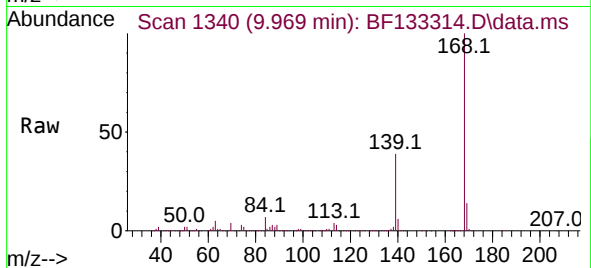
#55
Dibenzenofuran
Concen: 39.880 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS



Tgt Ion:168 Resp: 1400872
Ion Ratio Lower Upper
168 100
139 38.6 29.8 44.8
169 13.5 10.8 16.2

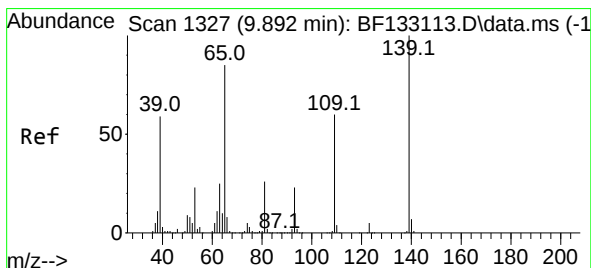
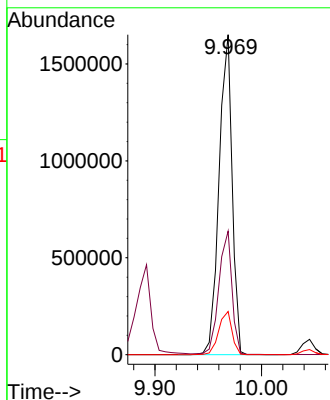
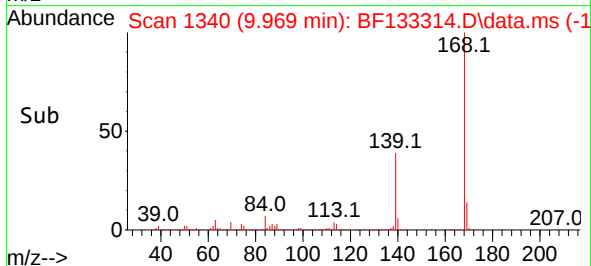
Manual Integrations
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05/10/2023

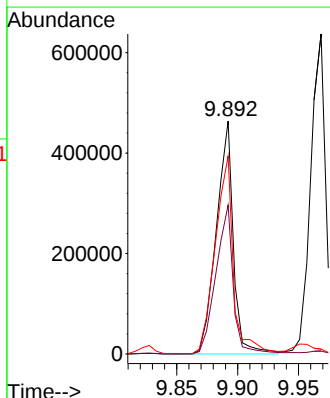
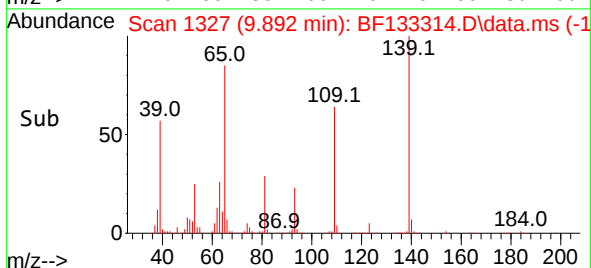
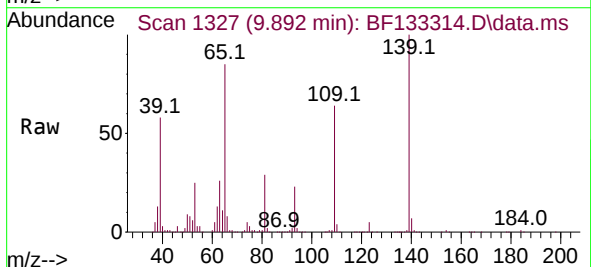
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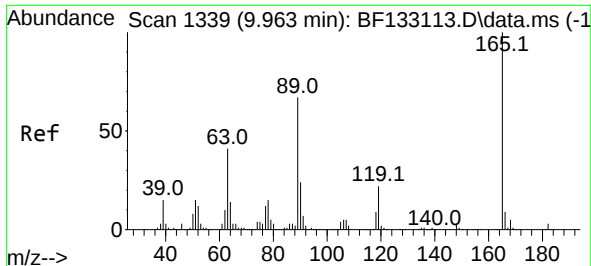
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#56
4-Nitrophenol
Concen: 75.451 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:139 Resp: 452117
Ion Ratio Lower Upper
139 100
109 64.0 39.4 79.4
65 85.0 57.5 97.5





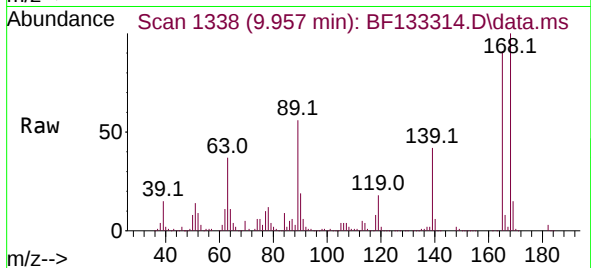
#57
2,4-Dinitrotoluene
Concen: 42.558 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS



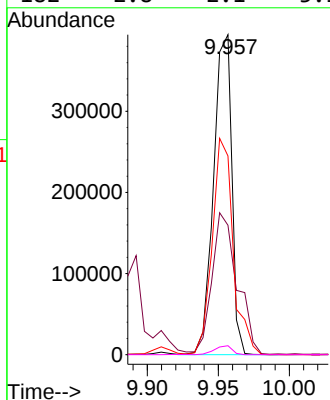
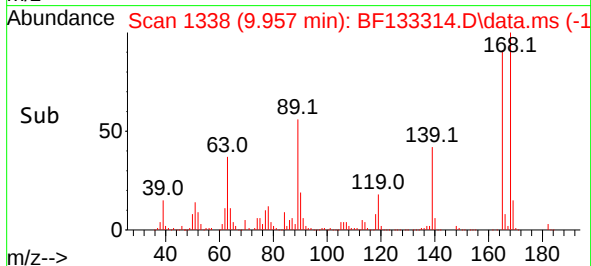
Tgt Ion:165 Resp: 35314
Ion Ratio Lower Upper
165 100
63 40.5 37.7 56.5
89 62.1 57.0 85.4
182 2.8 2.1 3.1

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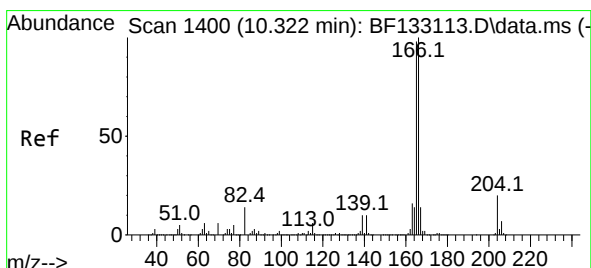
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

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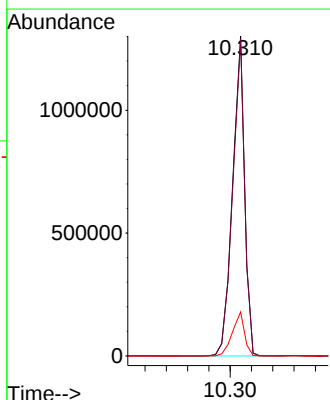
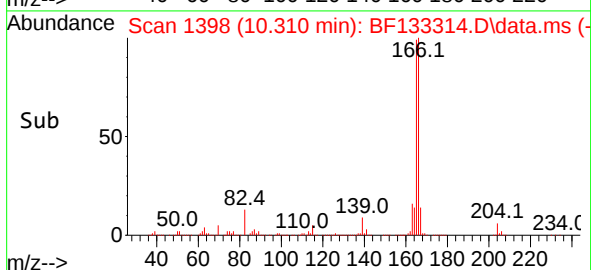
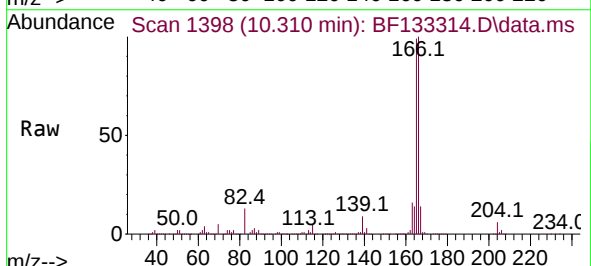


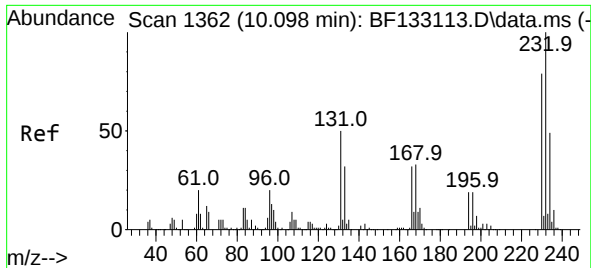
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#58
Fluorene
Concen: 39.673 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

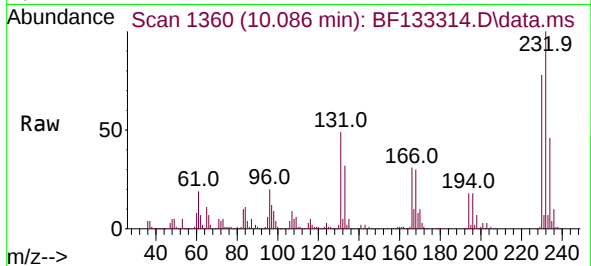
Tgt Ion:166 Resp: 1021007
Ion Ratio Lower Upper
166 100
165 99.0 78.6 117.8
167 13.8 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.471 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :
BNA_F
ClientSampleId :
PB152670BS



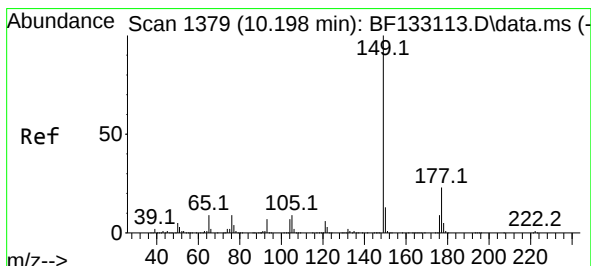
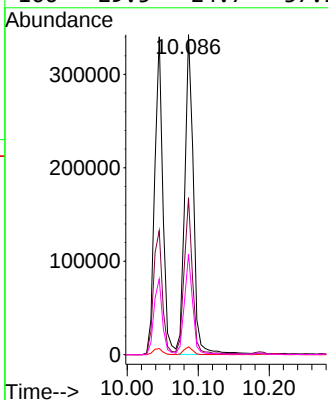
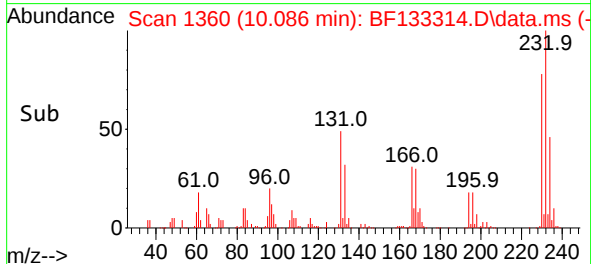
Tgt Ion:232 Resp: 286650
Ion Ratio Lower Upper
232 100
131 46.3 38.0 57.0
130 2.4 1.8 2.8
166 29.5 24.7 37.1

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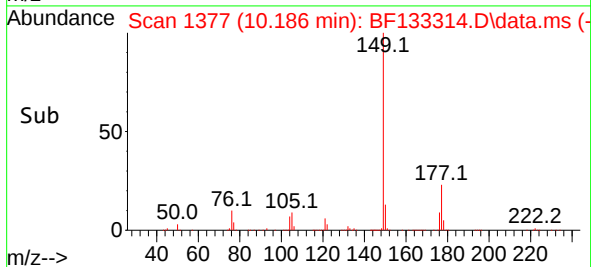
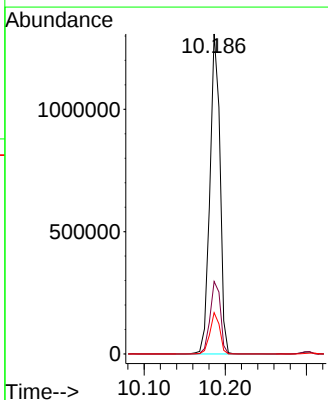
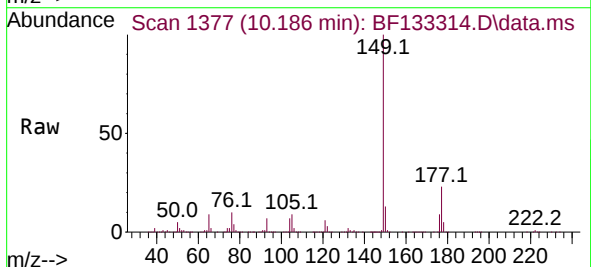
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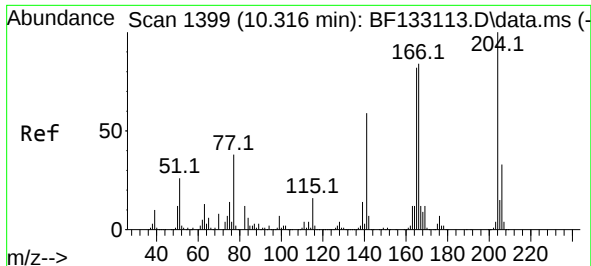
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#60
Diethylphthalate
Concen: 41.118 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

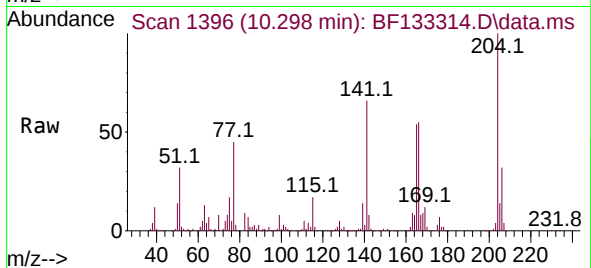
Tgt Ion:149 Resp: 1122795
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.4
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 39.624 ng
RT: 10.298 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :
BNA_F
ClientSampleId :
PB152670BS



Tgt Ion:204 Resp: 49695
Ion Ratio Lower Upper
204 100
206 32.1 26.1 39.1
141 65.6 46.1 69.1

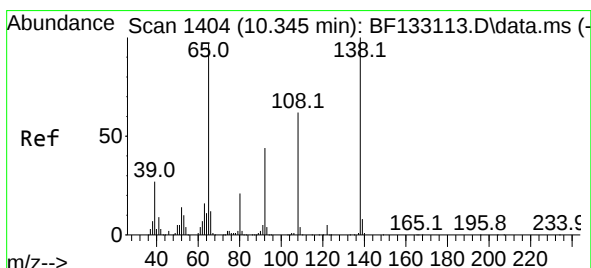
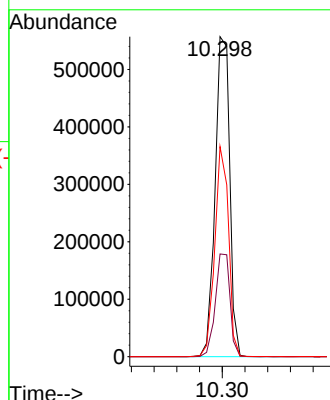
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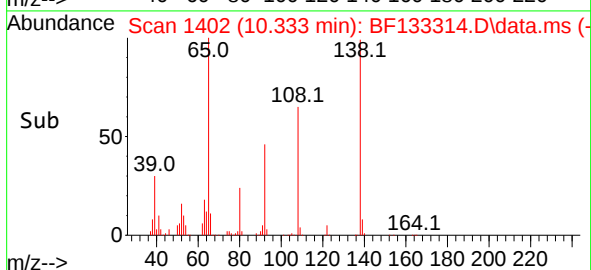
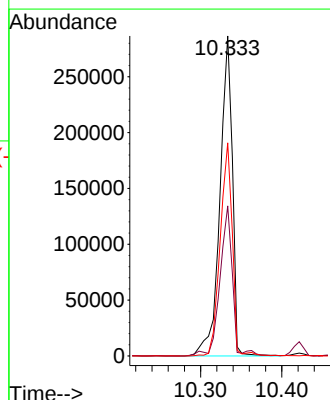
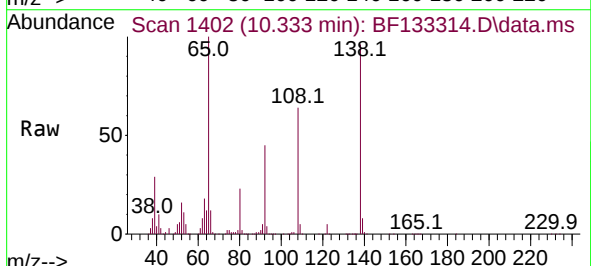
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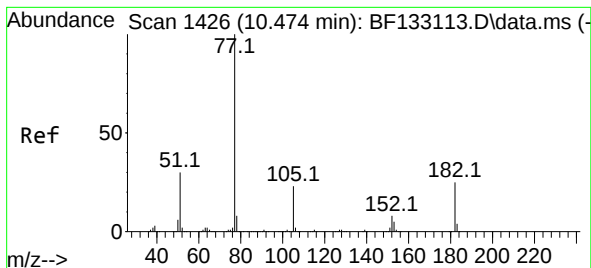
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#62
4-Nitroaniline
Concen: 43.022 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

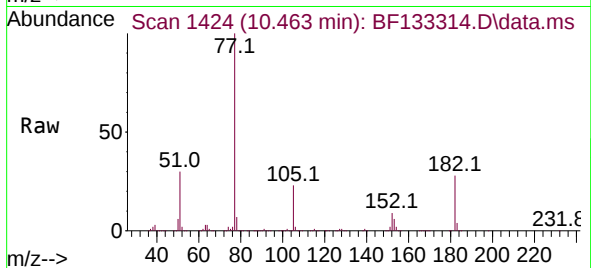
Tgt Ion:138 Resp: 305922
Ion Ratio Lower Upper
138 100
92 46.9 27.7 67.7
108 66.6 45.2 85.2





#63
Azobenzene
Concen: 39.228 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :
BNA_F
ClientSampleId :
PB152670BS



Tgt Ion: 77 Resp: 1134740
Ion Ratio Lower Upper
77 100
182 27.9 5.9 45.9
105 23.0 2.3 42.3
51 29.8 11.1 51.1

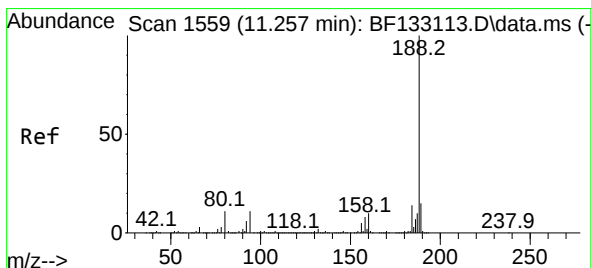
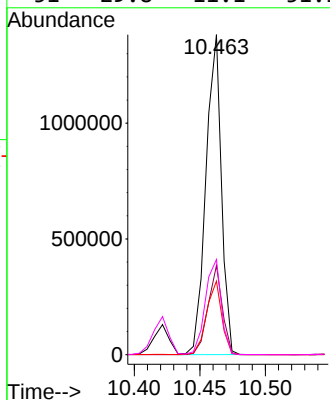
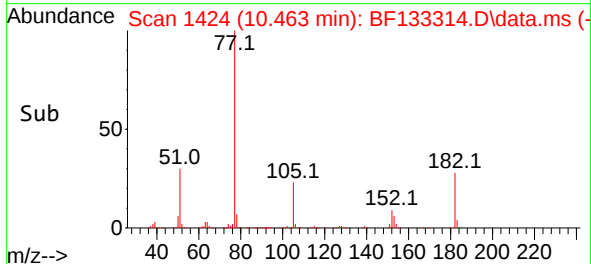
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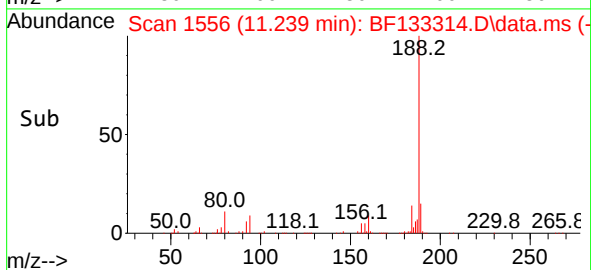
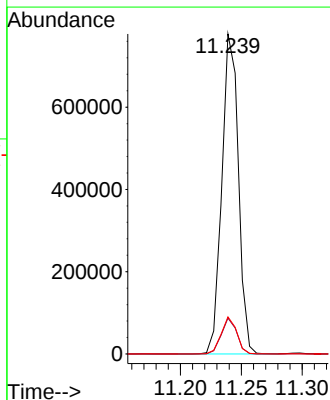
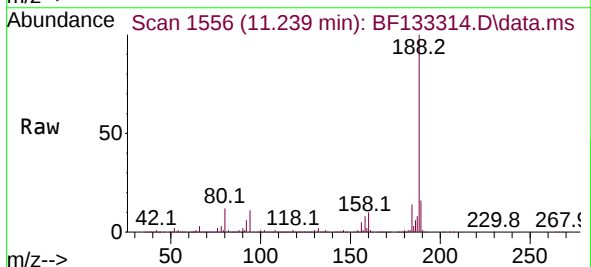
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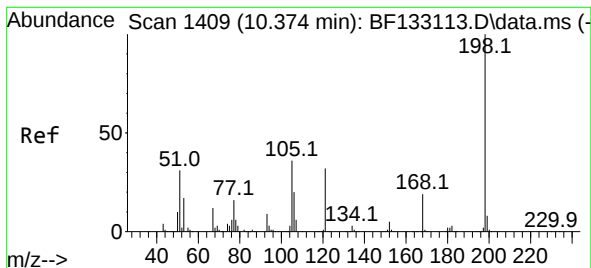
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:188 Resp: 735479
Ion Ratio Lower Upper
188 100
94 11.2 9.7 14.5
80 11.6 10.4 15.6





#65
4,6-Dinitro-2-methylphenol
Concen: 45.505 ng
RT: 10.363 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :
BNA_F
ClientSampleId :
PB152670BS

Tgt Ion:198 Resp: 202850
Ion Ratio Lower Upper
198 100
51 44.7 15.5 55.5
105 43.2 16.7 56.7

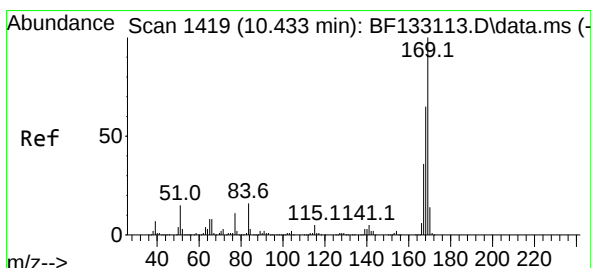
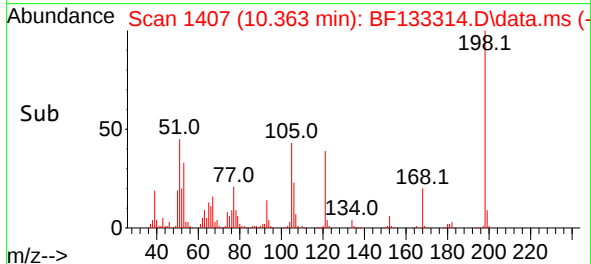
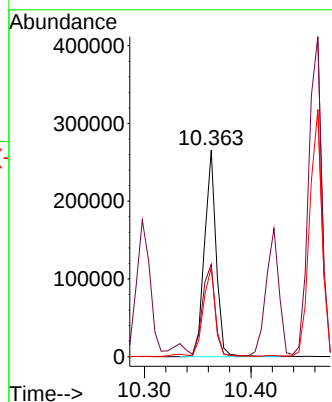
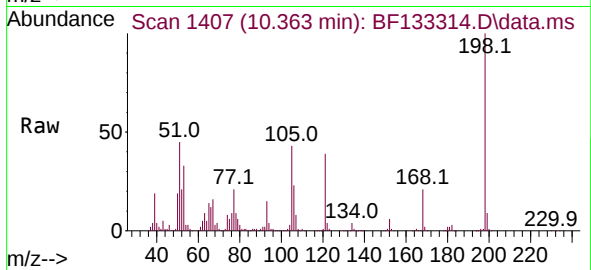
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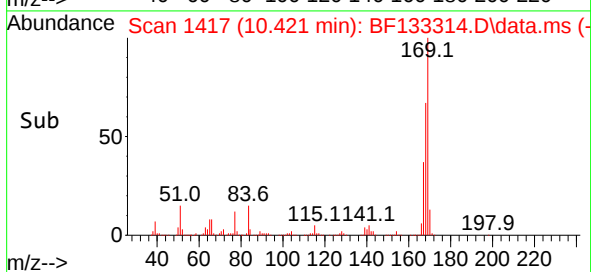
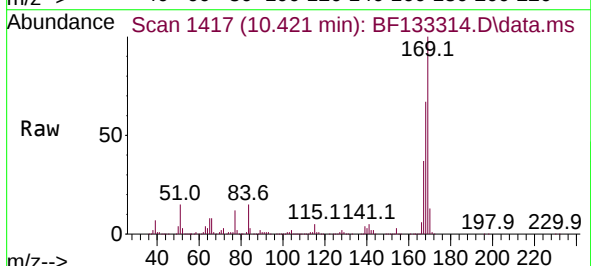
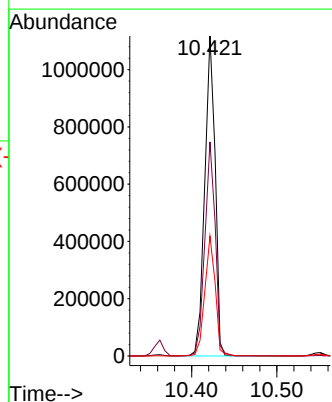
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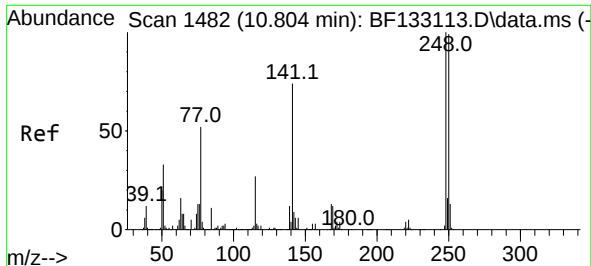
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#66
n-Nitrosodiphenylamine
Concen: 39.612 ng
RT: 10.421 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:169 Resp: 945030
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.8
167 37.4 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 40.030 ng
RT: 10.792 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

Tgt Ion:248 Resp: 31931
Ion Ratio Lower Upper
248 100
250 95.4 78.7 118.1
141 66.8 56.3 84.5

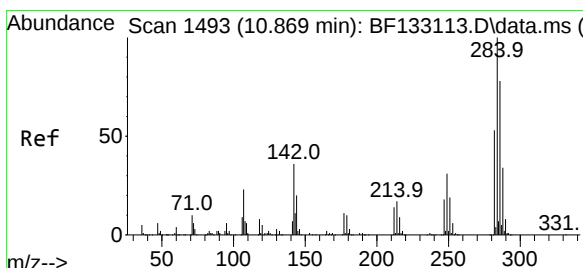
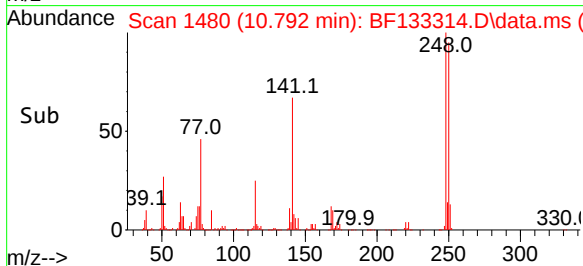
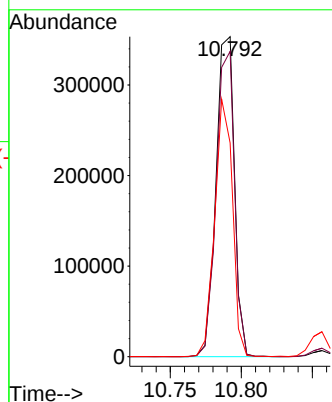
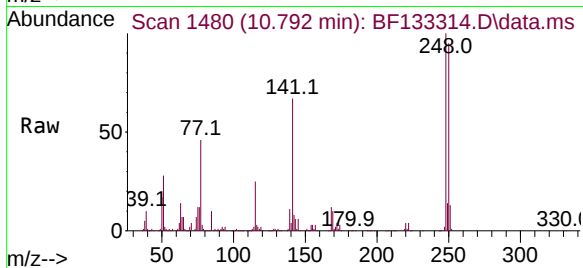
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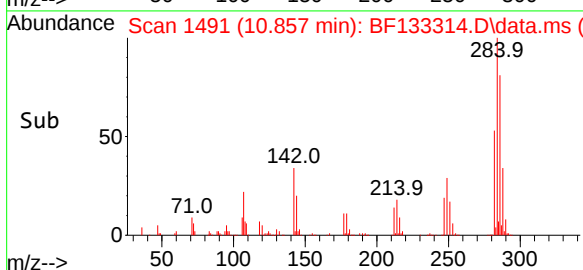
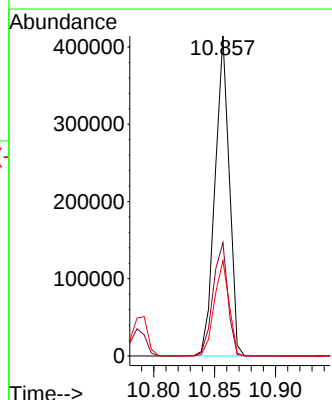
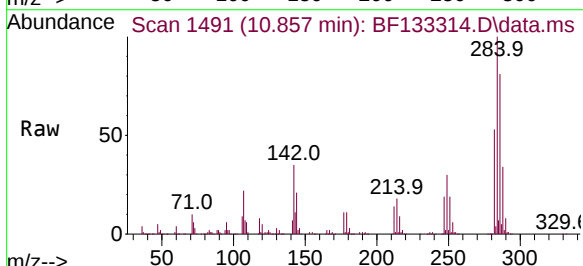
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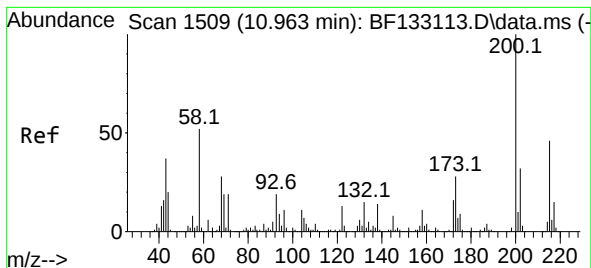
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#68
Hexachlorobenzene
Concen: 41.139 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:284 Resp: 336257
Ion Ratio Lower Upper
284 100
142 35.4 26.0 39.0
249 29.8 23.7 35.5





#69

Atrazine

Concen: 47.291 ng

RT: 10.951 min Scan# 1509

Delta R.T. -0.000 min

Lab File: BF133314.D

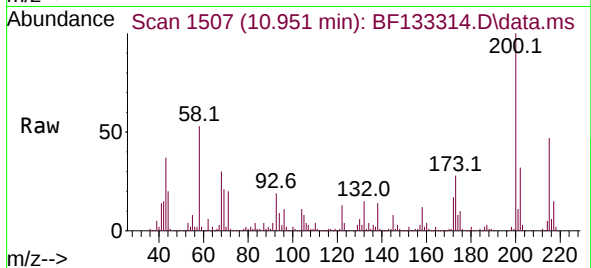
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS



Tgt Ion:200	Resp: 32509
Ion Ratio	Lower Upper
200 100	
173 28.0	6.2 46.2
215 46.7	26.3 66.3

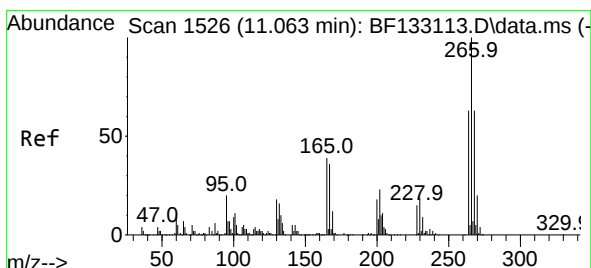
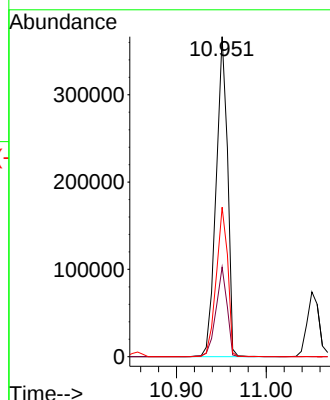
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#70

Pentachlorophenol

Concen: 68.679 ng

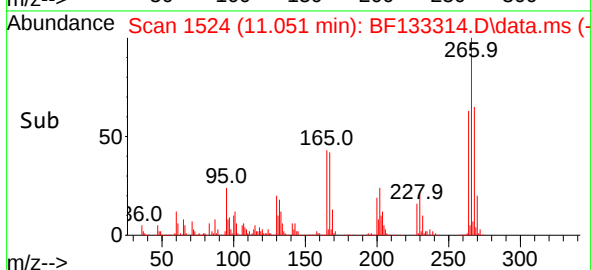
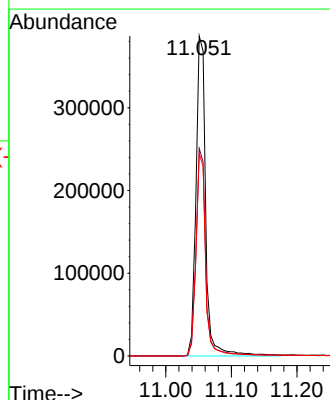
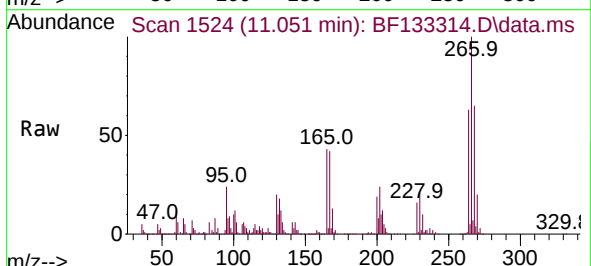
RT: 11.051 min Scan# 1524

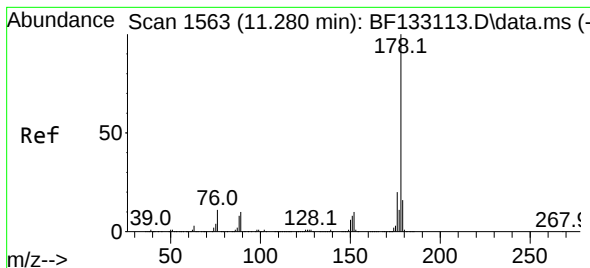
Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

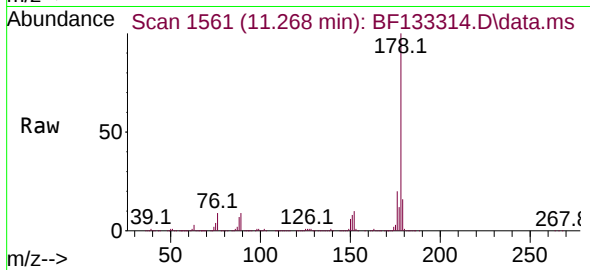
Tgt Ion:266	Resp: 399795
Ion Ratio	Lower Upper
266 100	
268 64.8	48.8 73.2
264 63.2	50.6 76.0





#71
Phenanthrene
Concen: 39.664 ng
RT: 11.268 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :
BNA_F
ClientSampleId :
PB152670BS



Tgt Ion:178 Resp: 156792
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.8 12.5 18.7

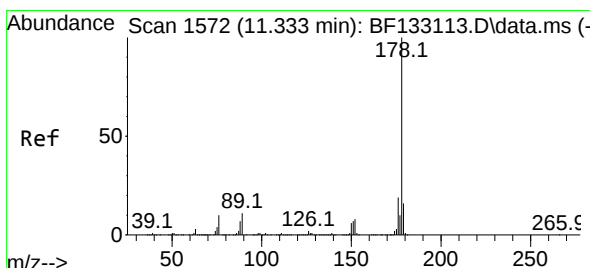
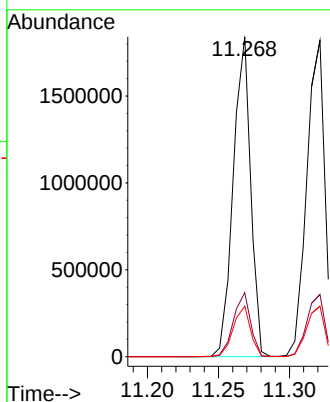
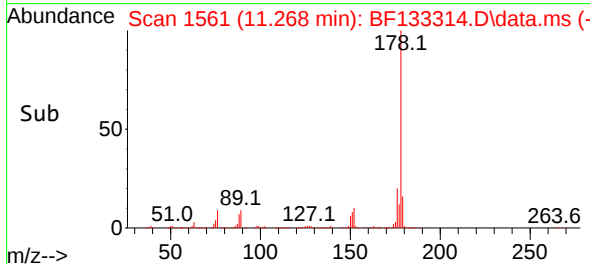
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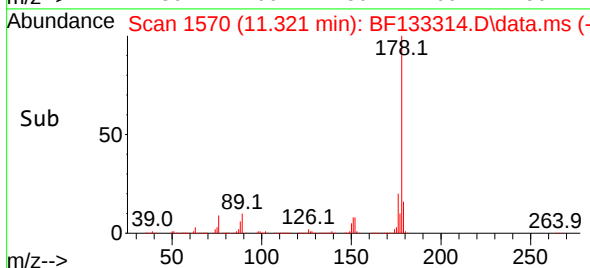
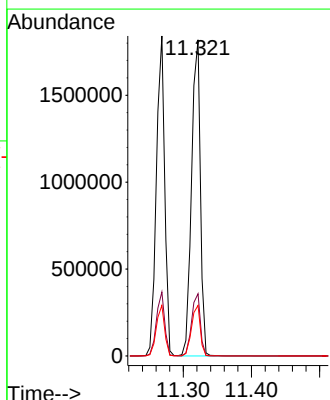
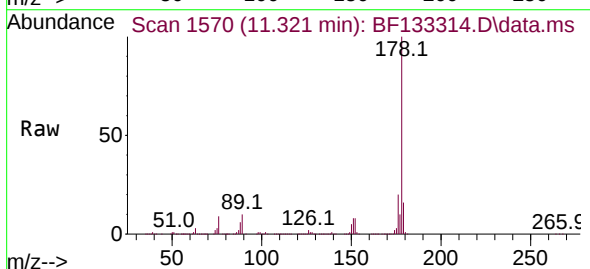
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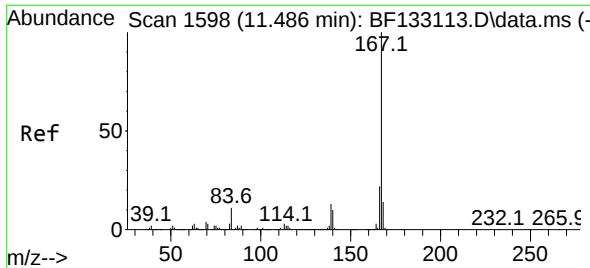
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#72
Anthracene
Concen: 39.956 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:178 Resp: 1616388
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.0 12.4 18.6





#73
 Carbazole
 Concen: 40.438 ng
 RT: 11.474 min Scan# 1598
 Delta R.T. -0.000 min
 Lab File: BF133314.D
 Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

Tgt Ion:167 Resp: 145664
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.7 10.6 16.0

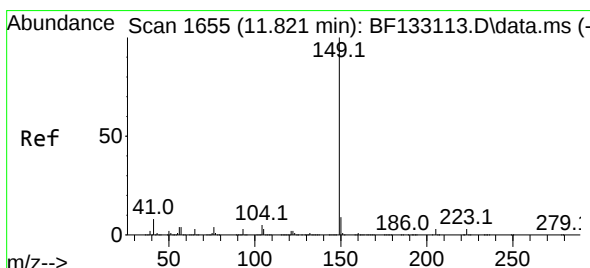
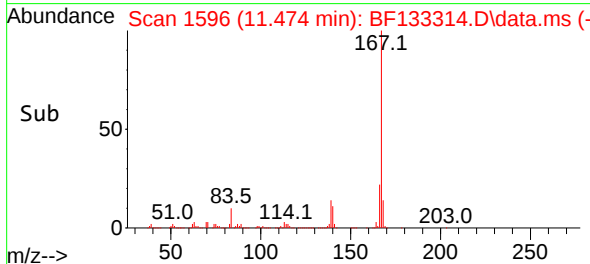
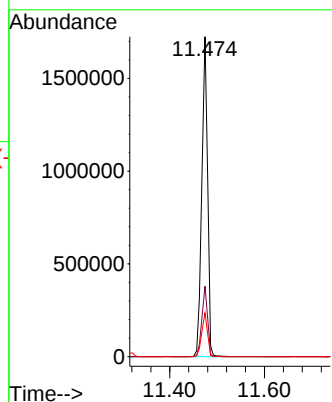
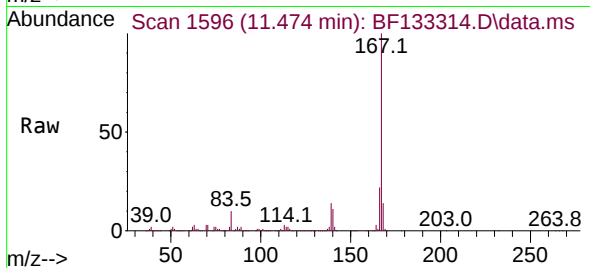
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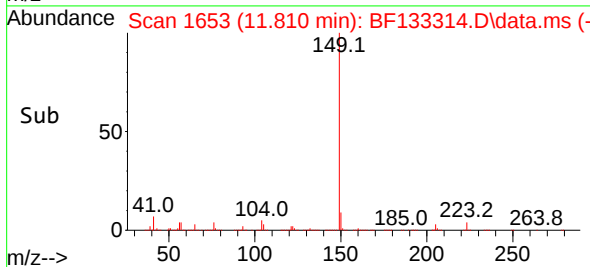
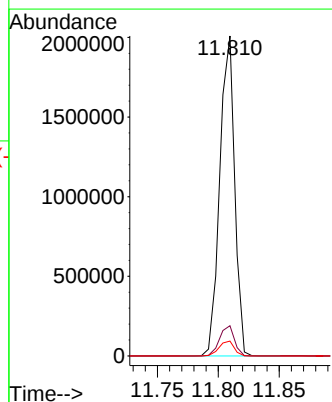
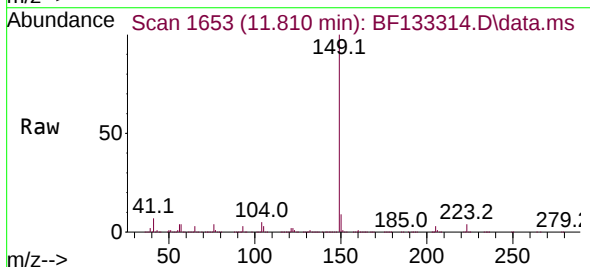
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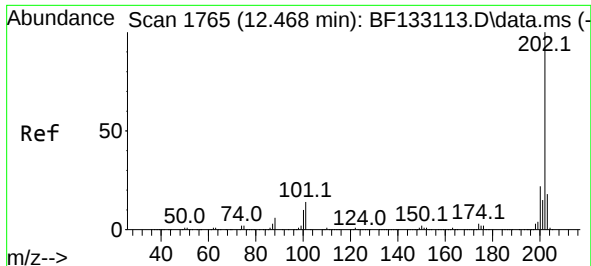
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#74
 Di-n-butylphthalate
 Concen: 42.078 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. -0.000 min
 Lab File: BF133314.D
 Acq: 09 May 2023 13:24

Tgt Ion:149 Resp: 1715279
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.6 4.0 6.0





#75
Fluoranthene
Concen: 38.734 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

Tgt Ion:202 Resp: 1536698
Ion Ratio Lower Upper
202 100
101 14.1 0.0 35.3
203 17.9 0.0 38.1

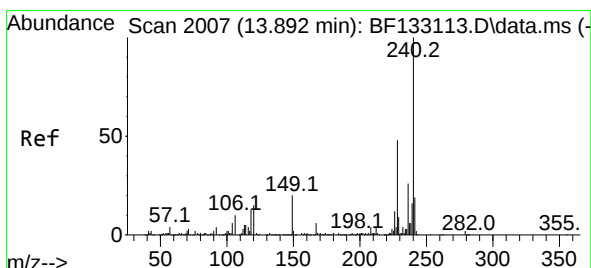
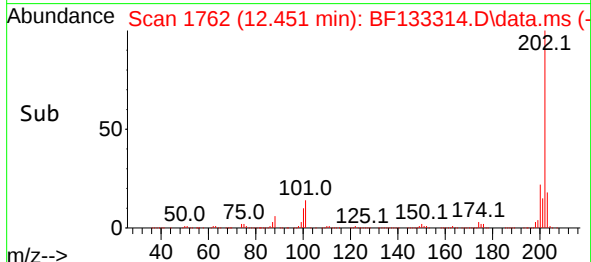
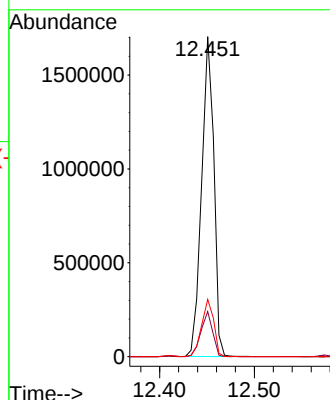
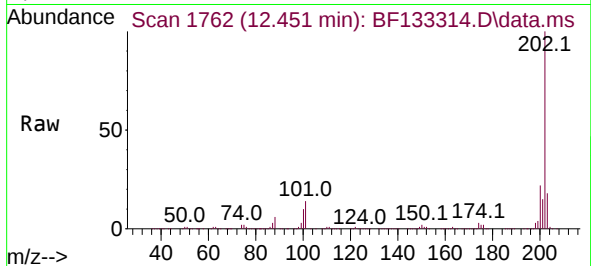
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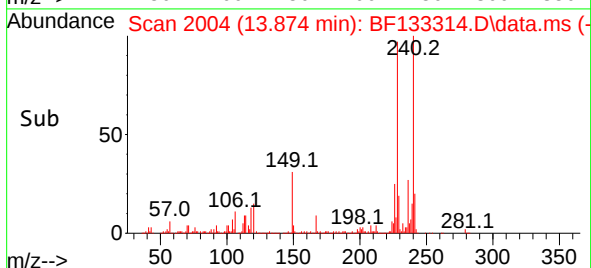
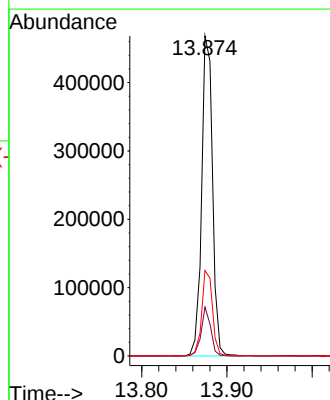
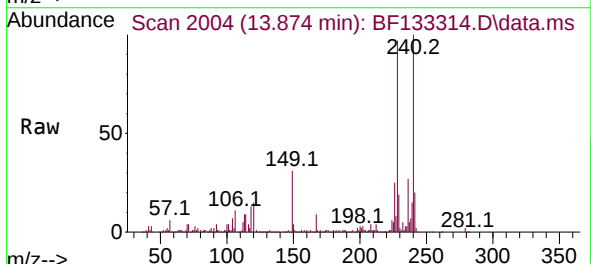
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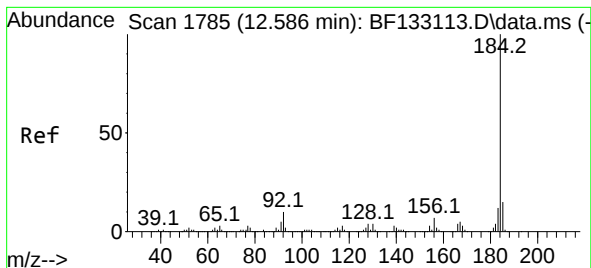
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:240 Resp: 416217
Ion Ratio Lower Upper
240 100
120 15.3 10.5 15.7
236 26.7 21.5 32.3





#77

Benzidine

Concen: 127.846 ng

RT: 12.574 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133314.D

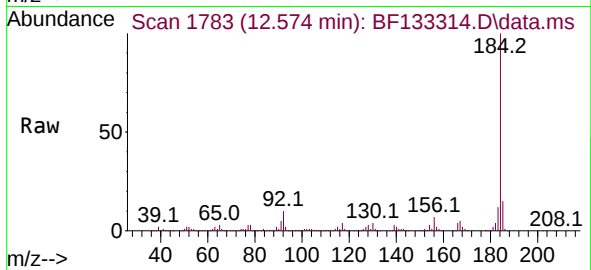
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:184 Resp: 899834

Ion Ratio Lower Upper

184 100

185 15.0 15.4 23.2

183 12.1 9.4 14.0

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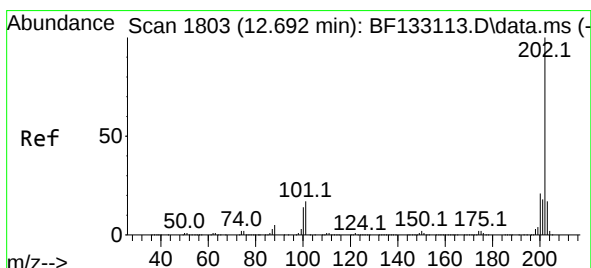
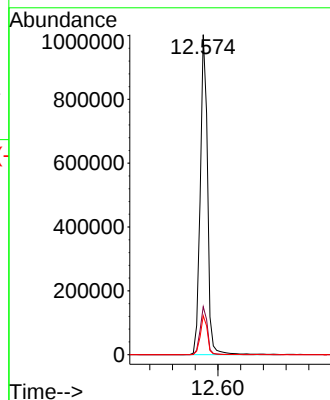
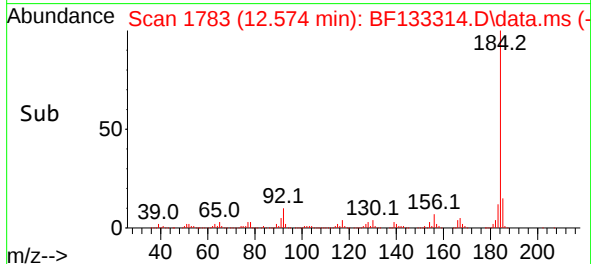
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#78

Pyrene

Concen: 44.496 ng

RT: 12.680 min Scan# 1801

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

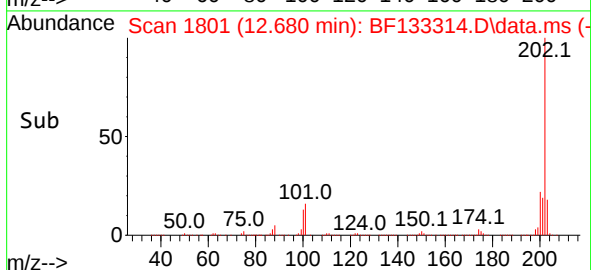
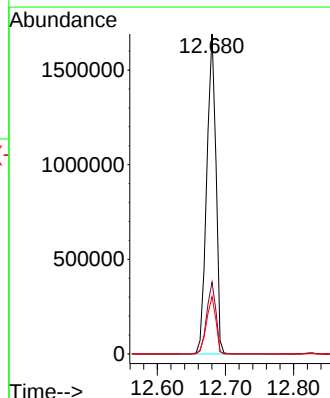
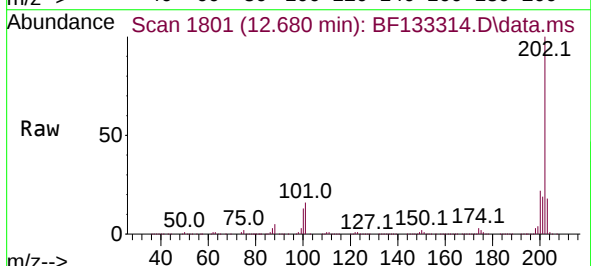
Tgt Ion:202 Resp: 1587574

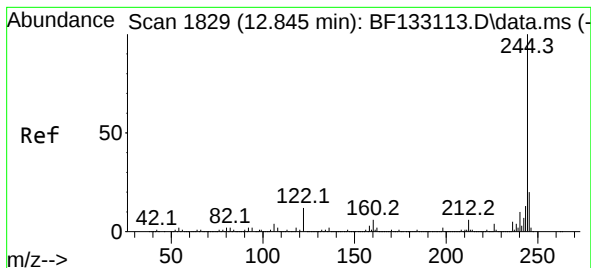
Ion Ratio Lower Upper

202 100

200 22.4 17.1 25.7

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 69.989 ng

RT: 12.827 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS

Tgt Ion:244 Resp: 168905

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 11.9 8.6 13.0

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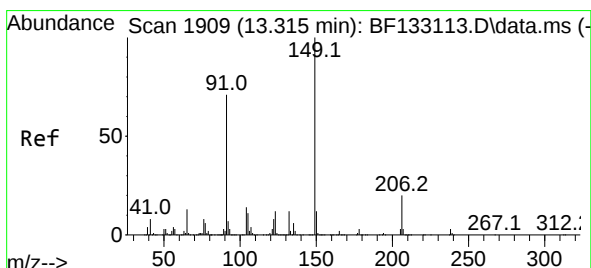
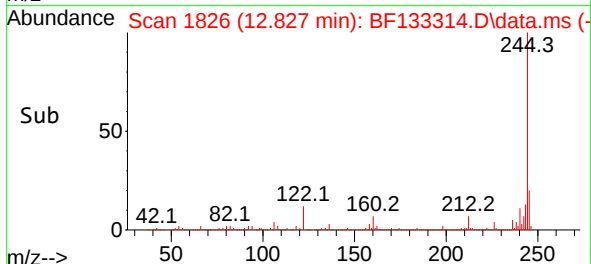
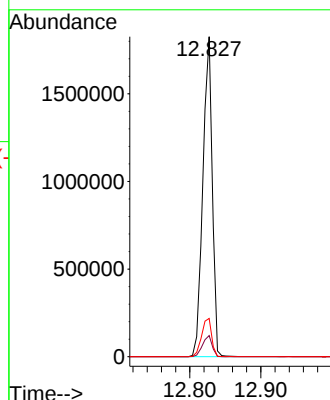
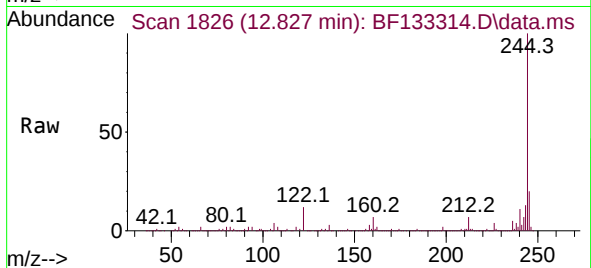
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#80

Butylbenzylphthalate

Concen: 51.802 ng

RT: 13.304 min Scan# 1907

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

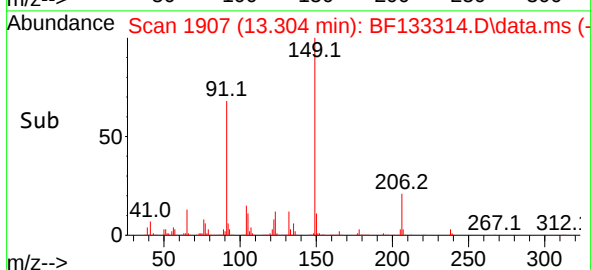
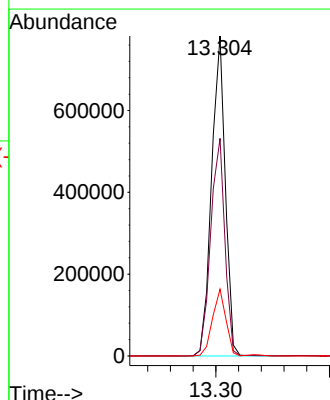
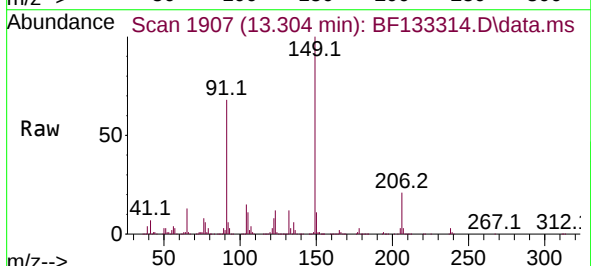
Tgt Ion:149 Resp: 654428

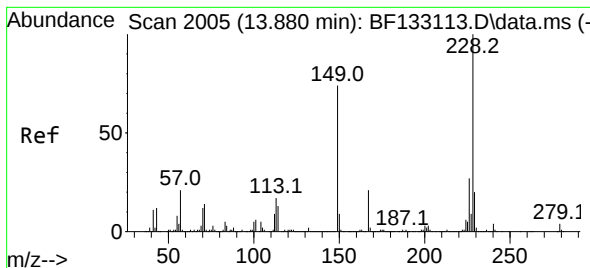
Ion Ratio Lower Upper

149 100

91 68.0 53.8 80.6

206 20.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 39.768 ng

RT: 13.868 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BF133314.D

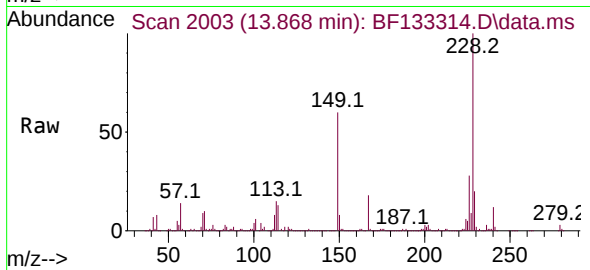
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:228 Resp: 1138250

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.4

229 19.6 16.0 24.0

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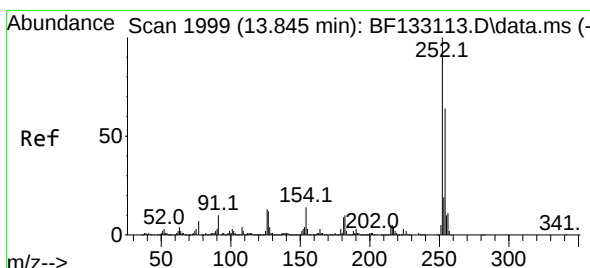
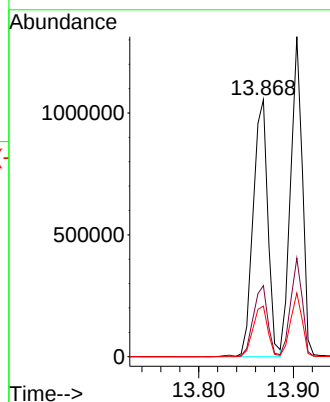
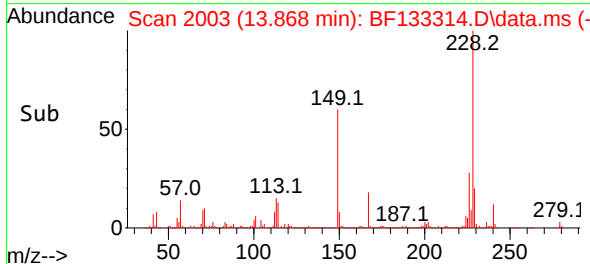
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#82

3,3'-Dichlorobenzidine

Concen: 36.529 ng

RT: 13.833 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BF133314.D

Acq: 09 May 2023 13:24

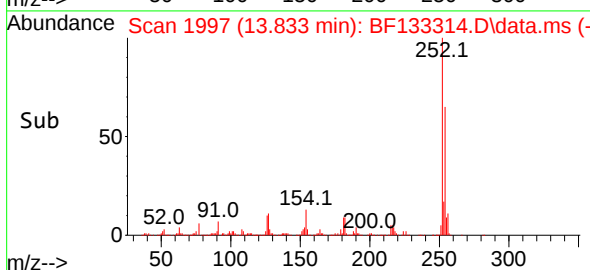
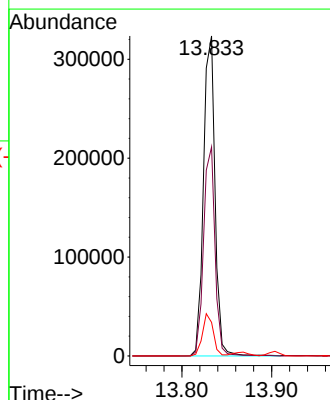
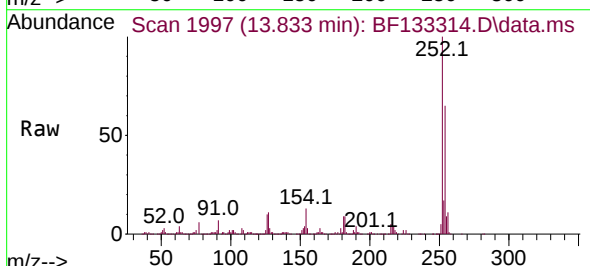
Tgt Ion:252 Resp: 288833

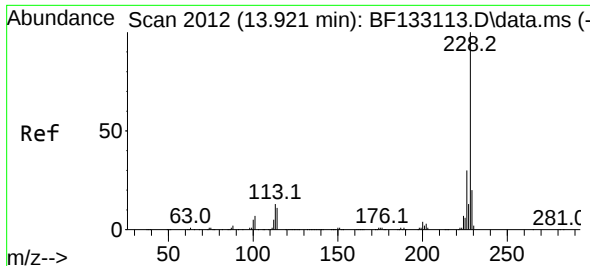
Ion Ratio Lower Upper

252 100

254 65.3 51.5 77.3

126 10.5 9.5 14.3





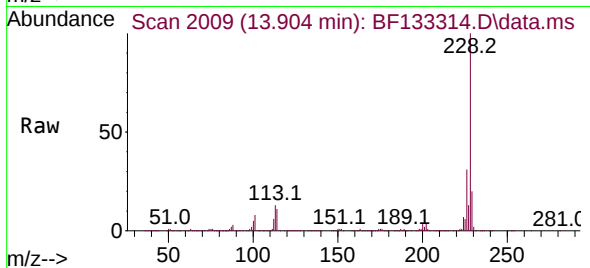
#83
Chrysene
Concen: 39.251 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS



Tgt Ion:228 Resp: 1123158
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 19.9 16.1 24.1

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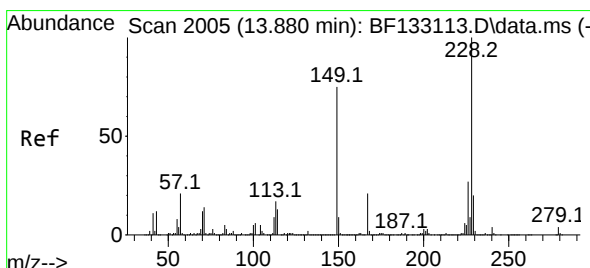
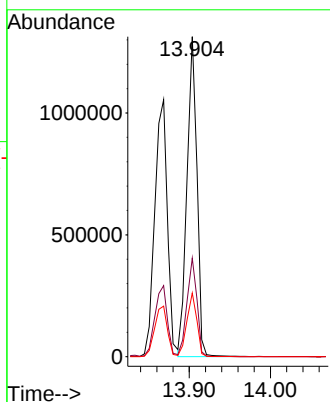
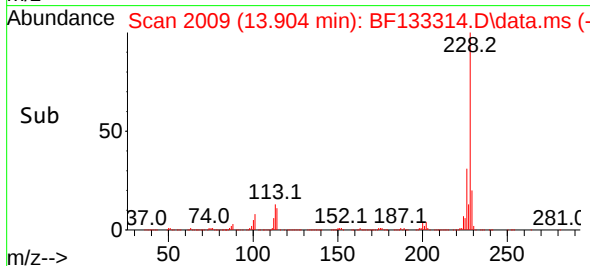
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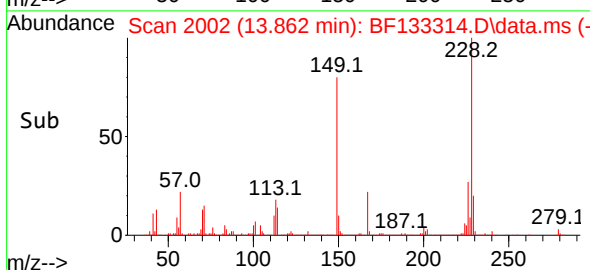
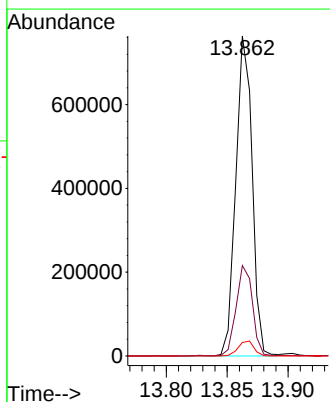
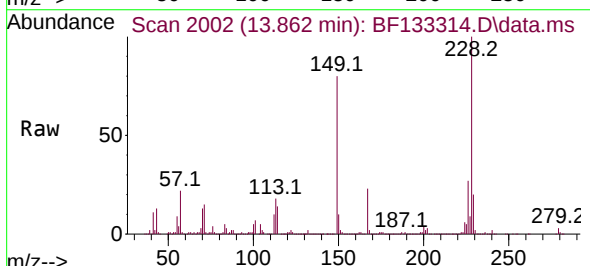
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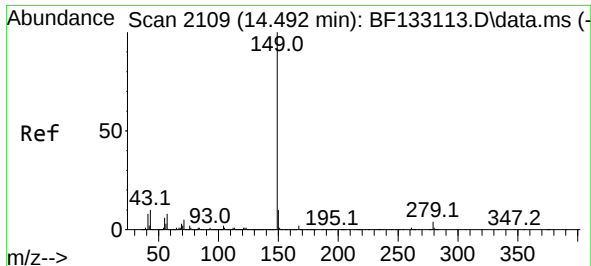
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.857 ng
RT: 13.862 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:149 Resp: 711299
Ion Ratio Lower Upper
149 100
167 28.2 22.5 33.7
279 4.2 4.2 6.4





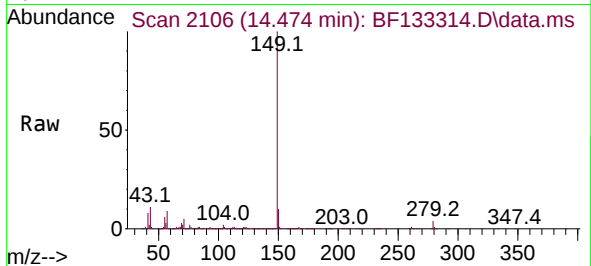
#85
Di-n-octyl phthalate
Concen: 45.598 ng
RT: 14.474 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS



Tgt Ion:149 Resp: 1178959
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.9 9.5 14.3

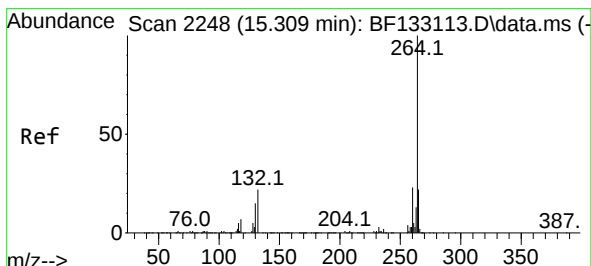
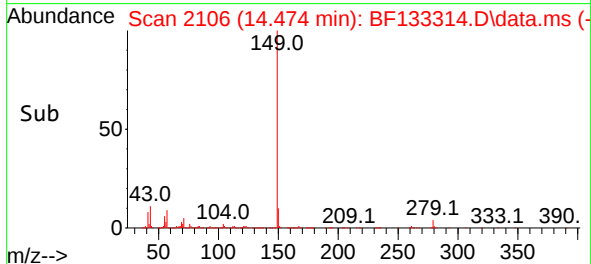
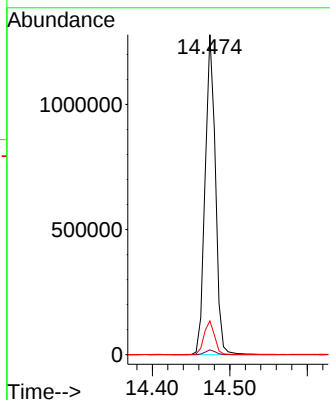
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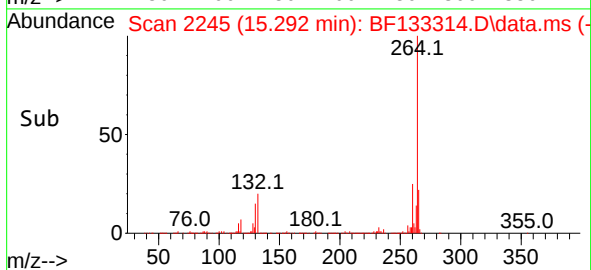
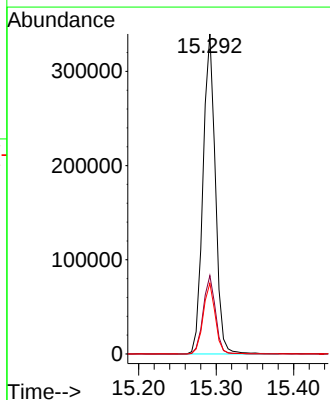
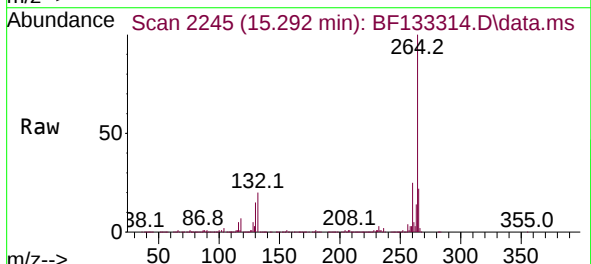
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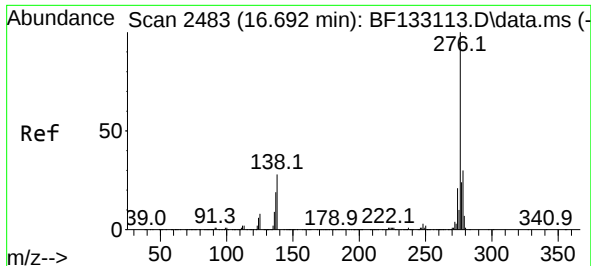
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 2245
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:264 Resp: 375879
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 22.1 17.0 25.4





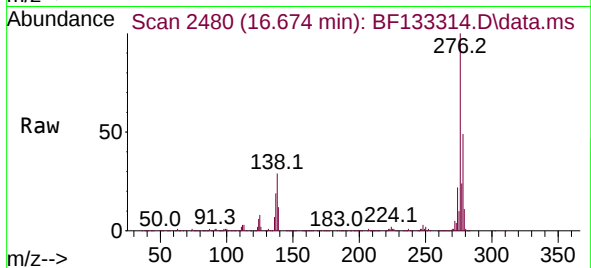
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.563 ng
RT: 16.674 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS



Tgt Ion:276 Resp: 105969
Ion Ratio Lower Upper
276 100
138 29.6 25.5 38.3
277 25.2 20.4 30.6

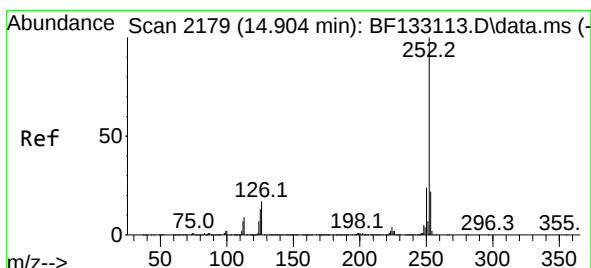
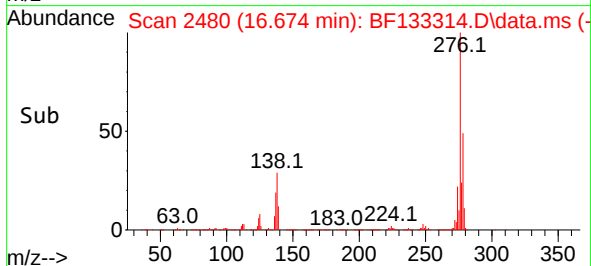
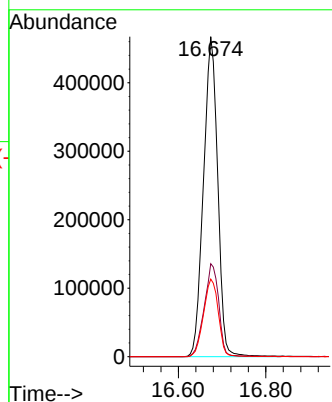
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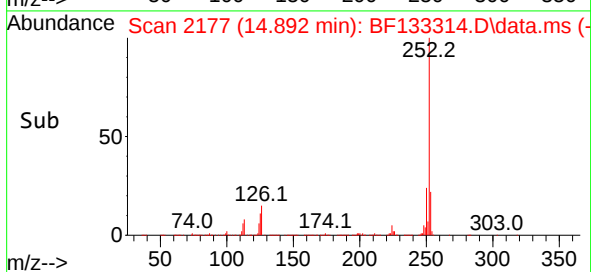
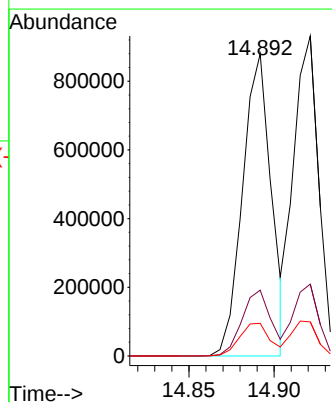
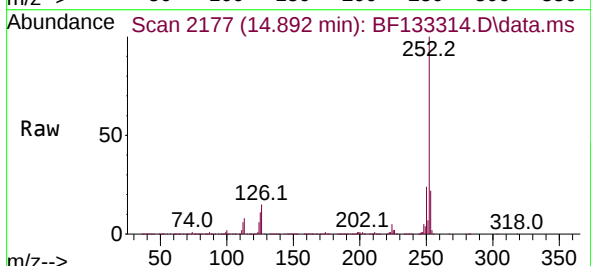
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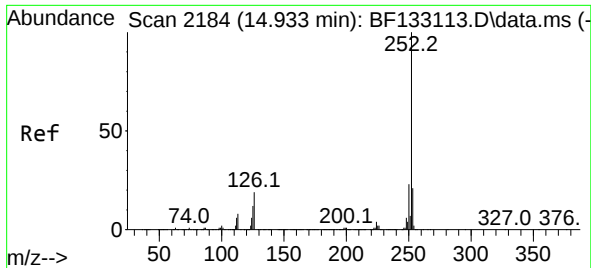
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#88
Benzo(b)fluoranthene
Concen: 43.032 ng
RT: 14.892 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

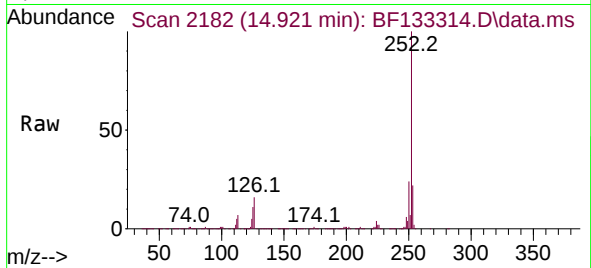
Tgt Ion:252 Resp: 1029014
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.8 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 40.841 ng
RT: 14.921 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :
BNA_F
ClientSampleId :
PB152670BS



Tgt Ion:252 Resp: 968120
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 10.6 9.0 13.4

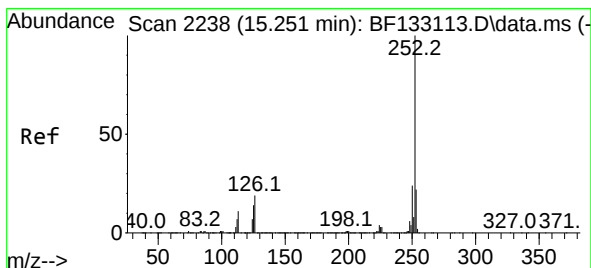
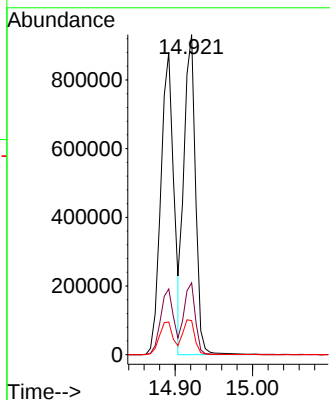
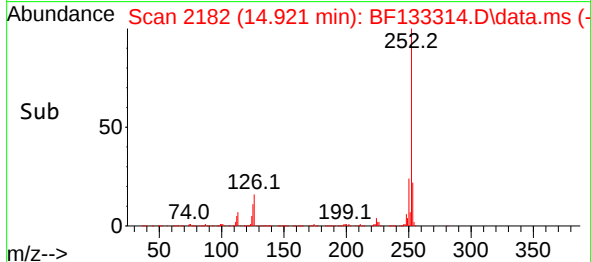
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

Supervised By :Jagrut
Upadhyay
05/10/2023

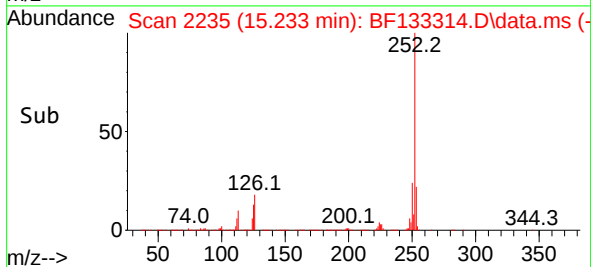
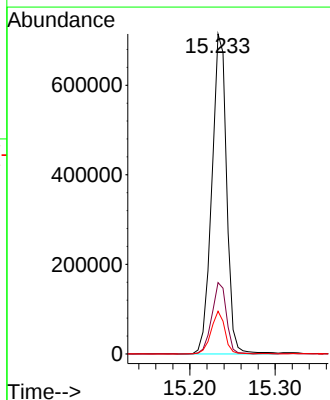
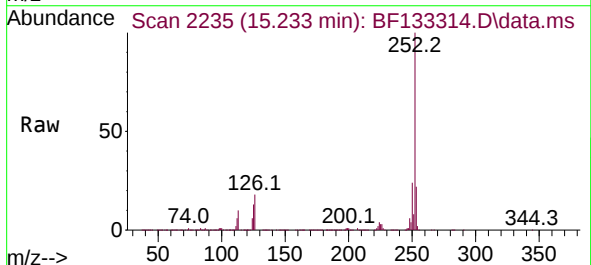
05/10/2023
Supervised By :Jagrut
Upadhyay

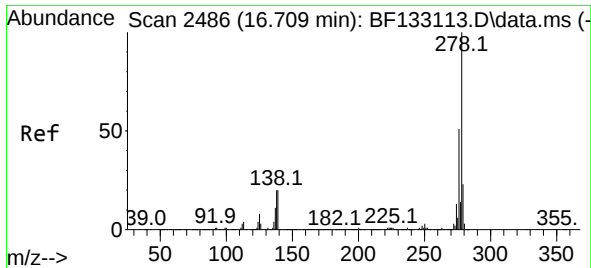
05/10/2023



#90
Benzo(a)pyrene
Concen: 39.663 ng
RT: 15.233 min Scan# 2235
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:252 Resp: 863305
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 13.4 10.5 15.7





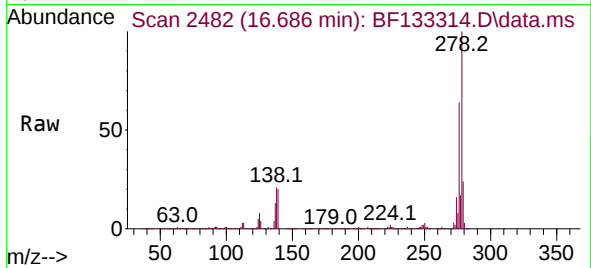
#91
Dibenzo(a,h)anthracene
Concen: 49.245 ng
RT: 16.686 min Scan# 2486
Delta R.T. -0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Instrument :

BNA_F

ClientSampleId :

PB152670BS



Tgt Ion:278 Resp: 87816
Ion Ratio Lower Upper
278 100
139 19.7 16.6 24.8
279 24.0 18.8 28.2

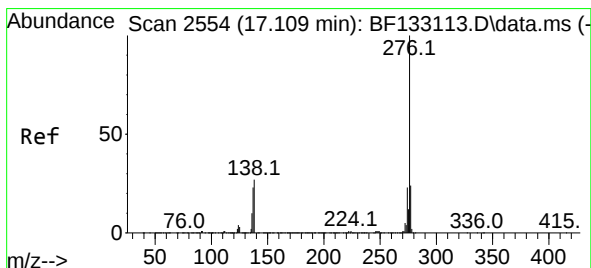
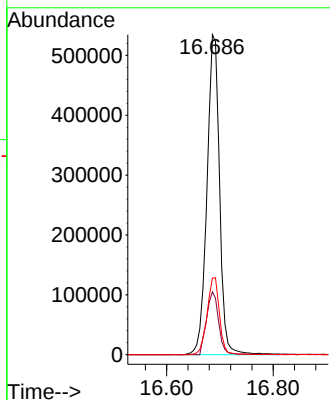
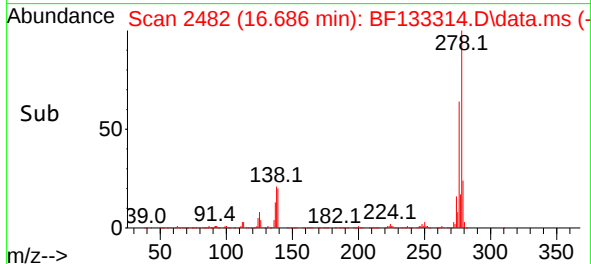
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

Supervised By :Jagrut
Upadhyay
05/10/2023

05/10/2023
Supervised By :Jagrut
Upadhyay

05/10/2023



#92
Benzo(g,h,i)perylene
Concen: 50.695 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BF133314.D
Acq: 09 May 2023 13:24

Tgt Ion:276 Resp: 892494
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 25.3 22.7 34.1

