

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133166.D
 Acq On : 01 May 2023 20:42
 Operator : CG\JU
 Sample : 02558-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS011-0006-01MSD

Quant Time: May 02 05:22:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	200972	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	777263	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	385889	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	626938	20.000	ng	0.00
76) Chrysene-d12	13.892	240	262134	20.000	ng	# 0.00
86) Perylene-d12	15.321	264	345048	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	882899	66.363	ng	0.00
7) Phenol-d6	6.375	99	1097665	66.472	ng	0.00
23) Nitrobenzene-d5	7.298	82	628089	43.618	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	243992	62.871	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1086737	47.115	ng	0.00
79) Terphenyl-d14	12.839	244	744753	49.000	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	280614	45.474	ng	96
3) Pyridine	3.169	79	700885	42.763	ng	94
4) n-Nitrosodimethylamine	3.128	42	354895	41.805	ng	93
6) Aniline	6.392	93	658808	30.976	ng	# 64
8) 2-Chlorophenol	6.516	128	672900	49.815	ng	96
9) Benzaldehyde	6.275	77	388233	60.446	ng	99
10) Phenol	6.387	94	911343	50.027	ng	86
11) bis(2-Chloroethyl)ether	6.469	93	641777	46.947	ng	97
12) 1,3-Dichlorobenzene	6.675	146	711066	49.512	ng	96
13) 1,4-Dichlorobenzene	6.751	146	707878	49.181	ng	97
14) 1,2-Dichlorobenzene	6.904	146	684156	51.558	ng	98
15) Benzyl Alcohol	6.881	79	569590	49.935	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1030746	43.412	ng	91
17) 2-Methylphenol	6.998	107	548291	44.328	ng	99
18) Hexachloroethane	7.245	117	268978	53.752	ng	99
19) n-Nitroso-di-n-propyla...	7.151	70	452421	44.009	ng	96
20) 3+4-Methylphenols	7.151	107	653890	44.890	ng	# 84
22) Acetophenone	7.145	105	993923	55.203	ng	98
24) Nitrobenzene	7.316	77	688997	47.218	ng	97
25) Isophorone	7.557	82	1314636	48.084	ng	97
26) 2-Nitrophenol	7.634	139	379652	53.943	ng	96
27) 2,4-Dimethylphenol	7.681	122	602931	49.960	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	762475	47.141	ng	98
29) 2,4-Dichlorophenol	7.881	162	546479	49.742	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	571297	50.194	ng	99
31) Naphthalene	8.039	128	2022998	52.058	ng	98
32) Benzoic acid	7.798	122	294139	39.458	ng	91
33) 4-Chloroaniline	8.086	127	250584	15.959	ng	97
34) Hexachlorobutadiene	8.157	225	304925	48.337	ng	99
35) Caprolactam	8.469	113	248102m	67.223	ng	
36) 4-Chloro-3-methylphenol	8.581	107	597079	50.398	ng	99
37) 2-Methylnaphthalene	8.733	142	1479739	55.696	ng	98
38) 1-Methylnaphthalene	8.833	142	1289368	51.878	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	479278	46.193	ng	99
41) Hexachlorocyclopentadiene	8.886	237	488199	80.681	ng	99
43) 2,4,6-Trichlorophenol	9.010	196	349503	48.709	ng	97

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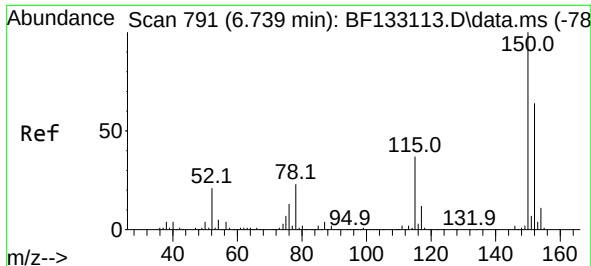
Quant Time: May 02 05:22:44 2023
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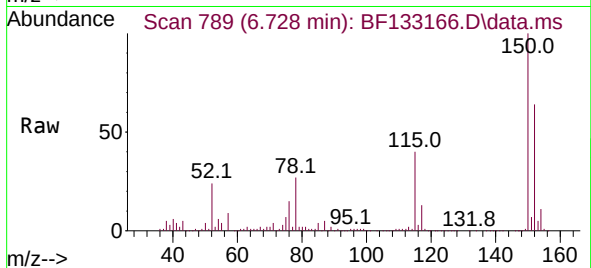
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	360514	43.443	ng	98
46) 1,1'-Biphenyl	9.198	154	1424544	46.555	ng	99
47) 2-Chloronaphthalene	9.222	162	1069960	47.773	ng	99
48) 2-Nitroaniline	9.316	65	350658	47.373	ng	94
49) Acenaphthylene	9.633	152	1623236	45.359	ng	98
50) Dimethylphthalate	9.504	163	1189926	44.223	ng	99
51) 2,6-Dinitrotoluene	9.563	165	297314	49.093	ng	# 84
52) Acenaphthene	9.810	154	1077566	44.958	ng	98
53) 3-Nitroaniline	9.728	138	272724	37.874	ng	98
54) 2,4-Dinitrophenol	9.833	184	146824	48.232	ng	97
55) Dibenzofuran	9.980	168	1410518	43.142	ng	97
56) 4-Nitrophenol	9.898	139	495878	88.912	ng	95
57) 2,4-Dinitrotoluene	9.963	165	387965	50.233	ng	93
58) Fluorene	10.322	166	1076799	44.954	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.098	232	277676	43.161	ng	# 97
60) Diethylphthalate	10.198	149	1153012	45.366	ng	98
61) 4-Chlorophenyl-phenyle...	10.316	204	505559	43.310	ng	97
62) 4-Nitroaniline	10.339	138	303529	45.862	ng	100
63) Azobenzene	10.475	77	1141831	42.410	ng	96
65) 4,6-Dinitro-2-methylph...	10.369	198	132826	34.954	ng	# 69
66) n-Nitrosodiphenylamine	10.433	169	1060017	52.124	ng	96
67) 4-Bromophenyl-phenylether	10.804	248	323739	47.612	ng	98
68) Hexachlorobenzene	10.875	284	343706	49.331	ng	99
69) Atrazine	10.969	200	340586	58.123	ng	98
70) Pentachlorophenol	11.069	266	352709	71.080	ng	97
71) Phenanthrene	11.280	178	1631820	48.428	ng	99
72) Anthracene	11.333	178	1556079	45.124	ng	99
73) Carbazole	11.486	167	1385298	45.115	ng	98
74) Di-n-butylphthalate	11.822	149	1657571	47.702	ng	100
75) Fluoranthene	12.469	202	1304477	38.574	ng	96
77) Benzidine	12.586	184	452670	102.118	ng	# 92
78) Pyrene	12.692	202	1334006	59.366	ng	99
80) Butylbenzylphthalate	13.321	149	467688	58.782	ng	98
81) Benzo(a)anthracene	13.886	228	845281	46.892	ng	98
82) 3,3'-Dichlorobenzidine	13.845	252	177787	35.702	ng	# 97
83) Chrysene	13.921	228	818863	45.438	ng	99
84) Bis(2-ethylhexyl)phtha...	13.886	149	553146	55.388	ng	98
85) Di-n-octyl phthalate	14.498	149	984166	60.438	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.704	276	1069158	54.474	ng	97
88) Benzo(b)fluoranthene	14.915	252	958999	43.687	ng	# 95
89) Benzo(k)fluoranthene	14.945	252	913634	41.986	ng	# 97
90) Benzo(a)pyrene	15.262	252	878823	43.984	ng	# 97
91) Dibenzo(a,h)anthracene	16.721	278	889612	54.344	ng	98
92) Benzo(g,h,i)perylene	17.121	276	823557	50.959	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

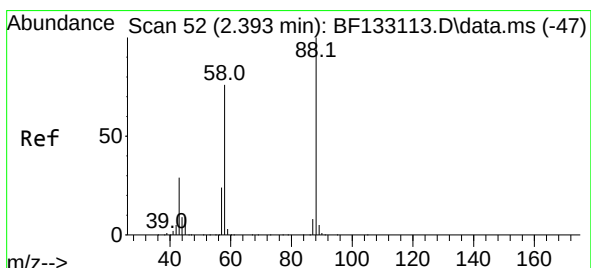
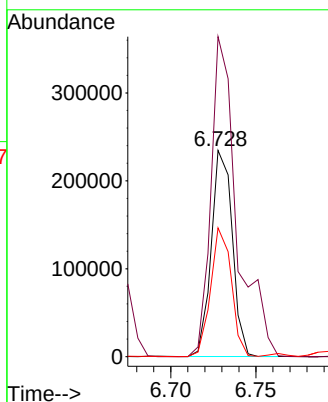
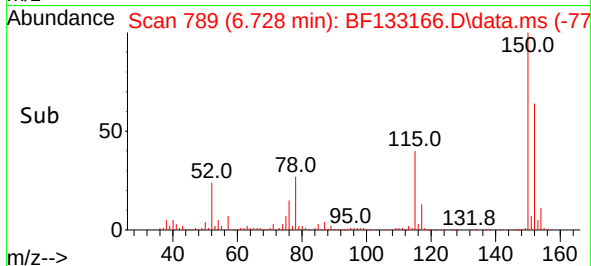
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion:152 Resp: 200972
Ion Ratio Lower Upper
152 100
150 155.2 124.8 187.2
115 62.5 49.9 74.9

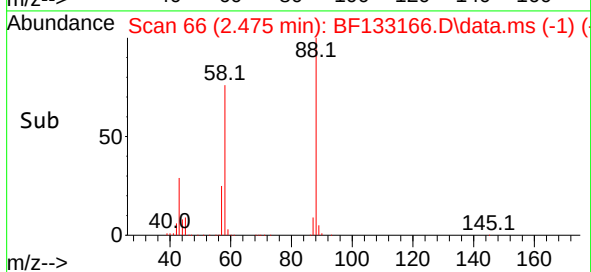
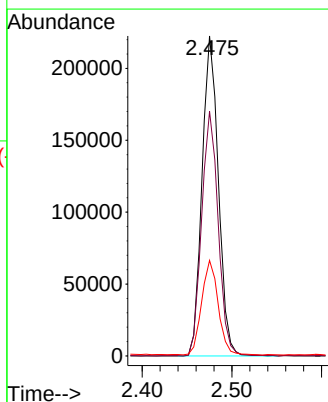
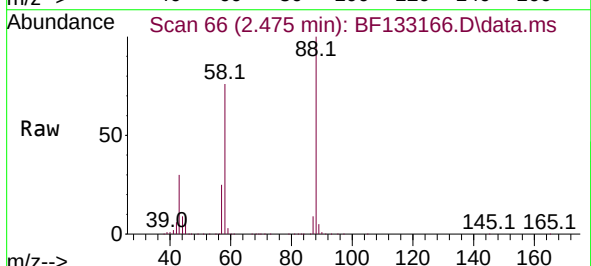
Manual Integrations
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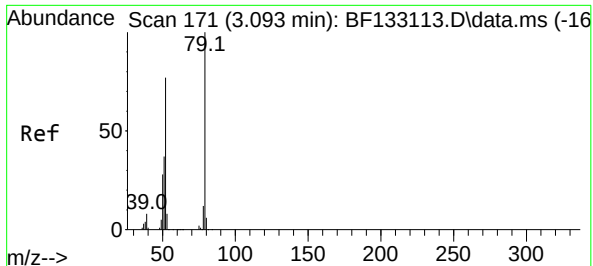
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#2
1,4-Dioxane
Concen: 45.474 ng
RT: 2.475 min Scan# 66
Delta R.T. 0.088 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

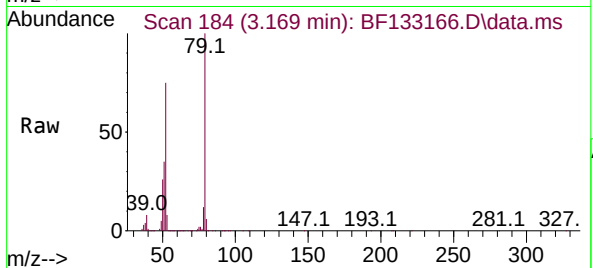
Tgt Ion: 88 Resp: 280614
Ion Ratio Lower Upper
88 100
58 77.7 64.7 97.1
43 30.0 26.2 39.2





#3
Pyridine
Concen: 42.763 ng
RT: 3.169 min Scan# 171
Delta R.T. 0.082 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

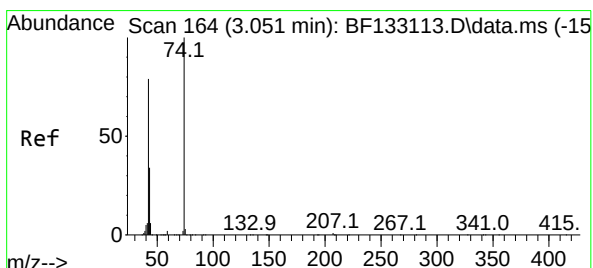
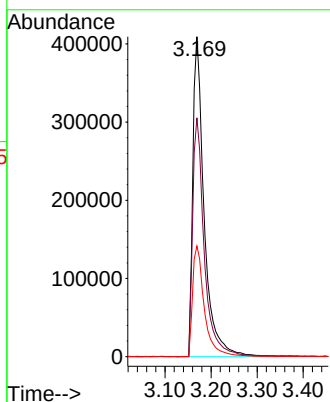
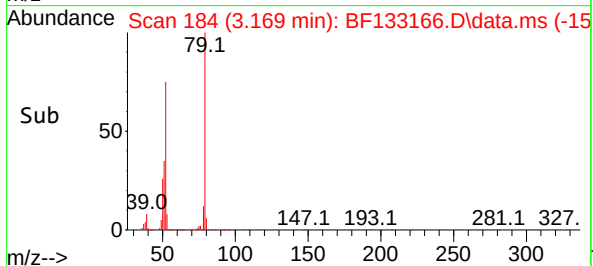
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BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



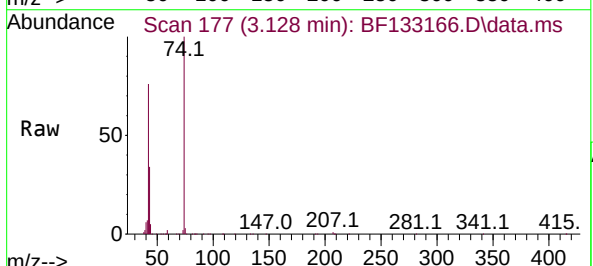
Tgt Ion: 79 Resp: 700885
Ion Ratio Lower Upper
79 100
52 74.7 64.6 96.8
51 34.6 30.0 45.0

Manual Integrations
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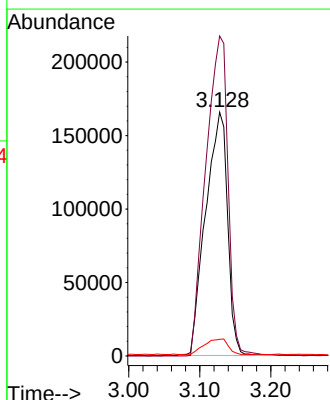
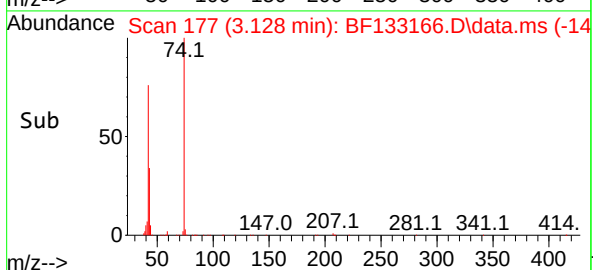
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

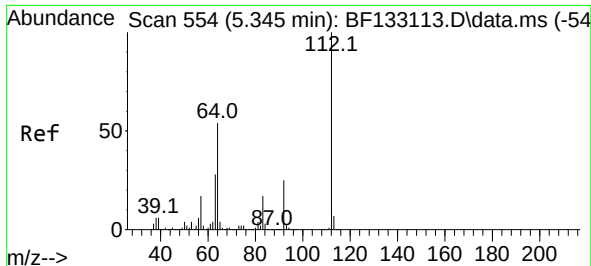


#4
n-Nitrosodimethylamine
Concen: 41.805 ng
RT: 3.128 min Scan# 177
Delta R.T. 0.082 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42



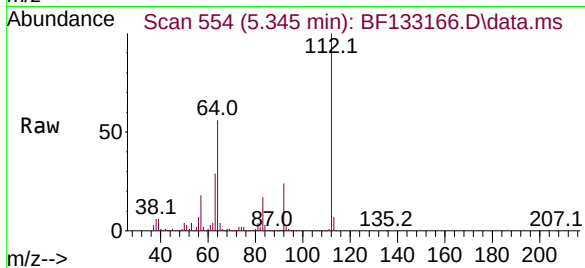
Tgt Ion: 42 Resp: 354895
Ion Ratio Lower Upper
42 100
74 131.2 98.0 147.0
44 6.8 5.8 8.8





#5
2-Fluorophenol
Concen: 66.363 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

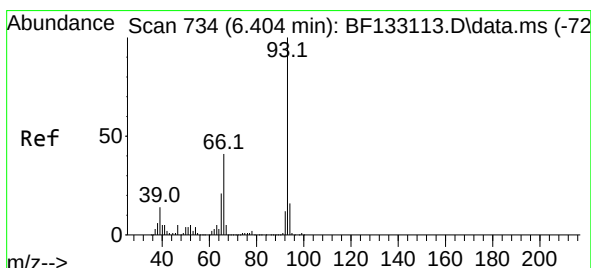
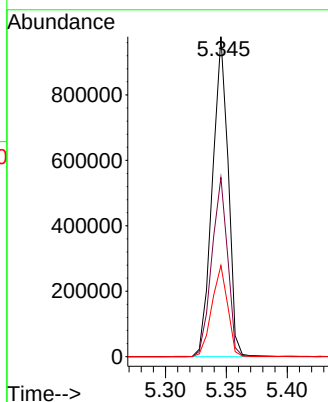
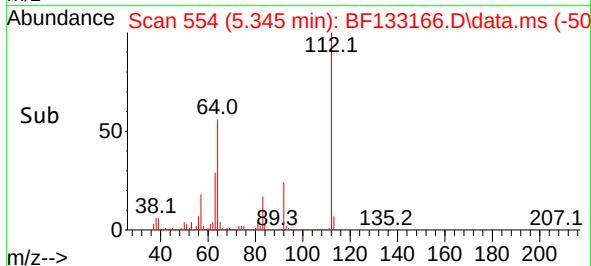
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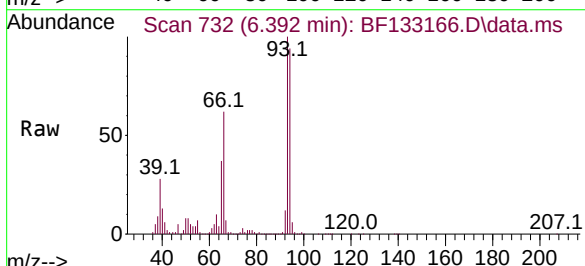
Tgt Ion: 112 Resp: 882899
Ion Ratio Lower Upper
112 100
64 56.0 46.8 70.2
63 28.5 23.8 35.8

Manual Integrations
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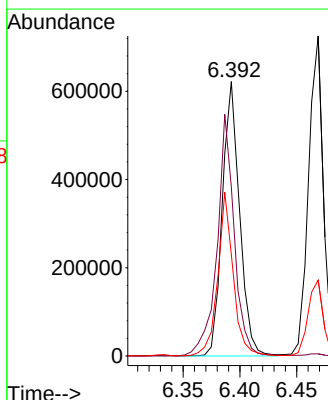
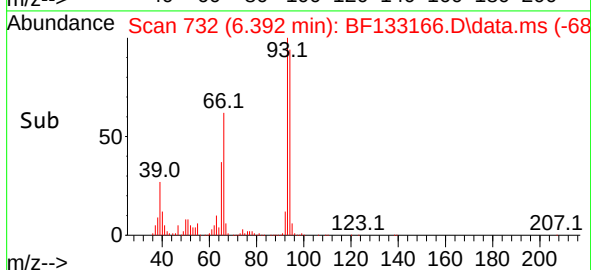
Reviewed By :Christian Giraldo 05/02/2023
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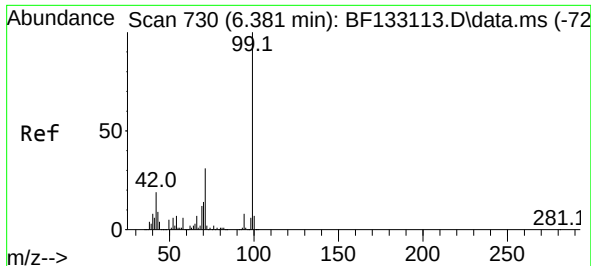


#6
Aniline
Concen: 30.976 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42



Tgt Ion: 93 Resp: 658808
Ion Ratio Lower Upper
93 100
66 61.6 31.5 47.3#
65 37.0 16.4 24.6#





#7

Phenol-d6

Concen: 66.472 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133166.D

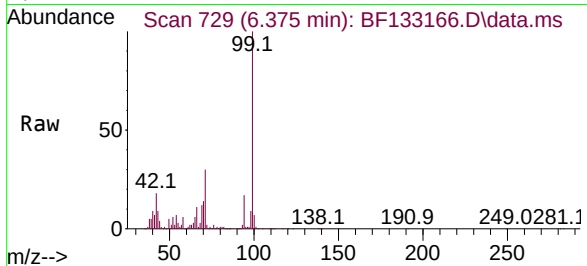
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Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MSD

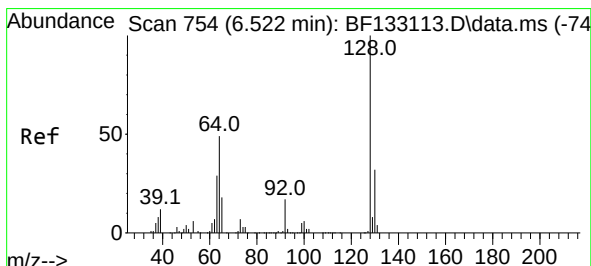
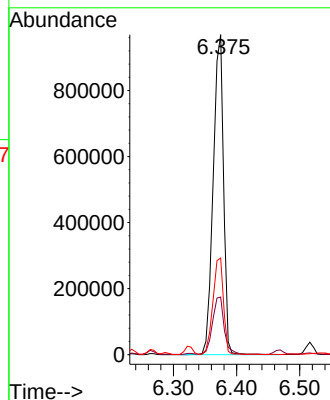
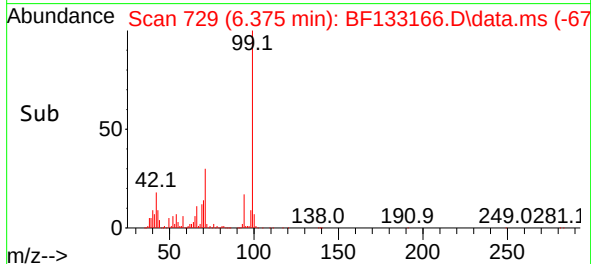


Tgt Ion: 99 Resp: 109766

Ion	Ratio	Lower	Upper
99	100		
42	18.0	16.3	24.5
71	30.2	25.6	38.4

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#8

2-Chlorophenol

Concen: 49.815 ng

RT: 6.516 min Scan# 753

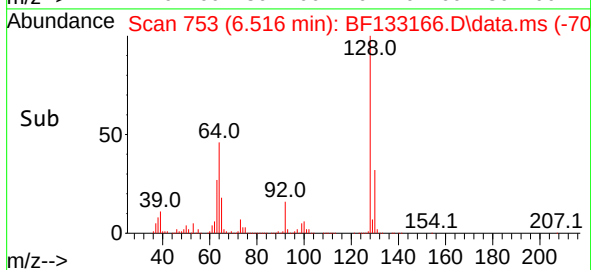
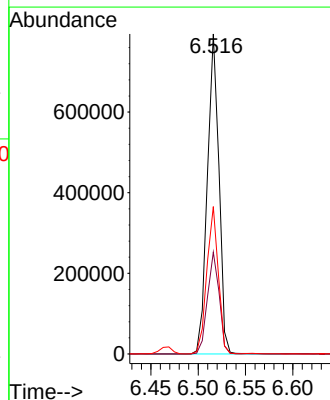
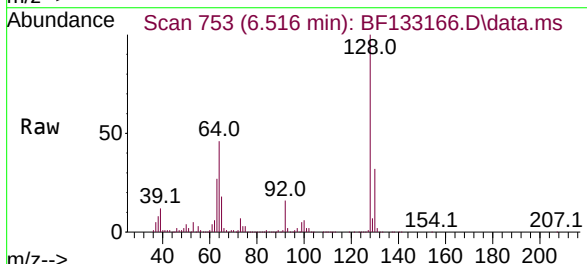
Delta R.T. -0.006 min

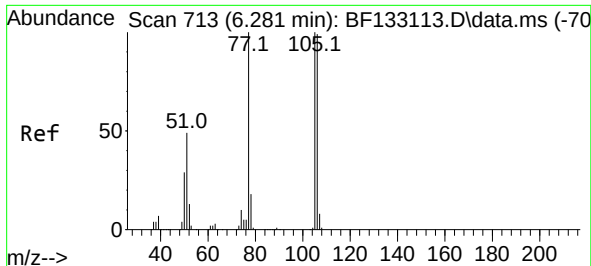
Lab File: BF133166.D

Acq: 01 May 2023 20:42

Tgt Ion:128 Resp: 672900

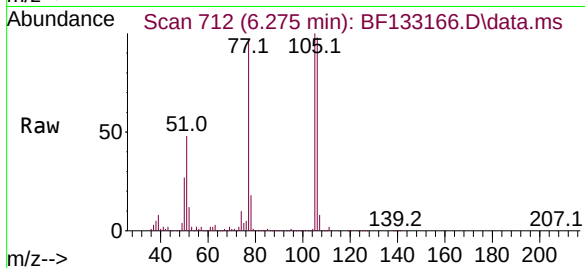
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.2	52.2
64	46.1	30.3	70.3





#9
Benzaldehyde
Concen: 60.446 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

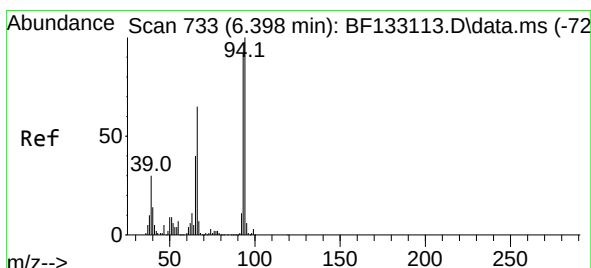
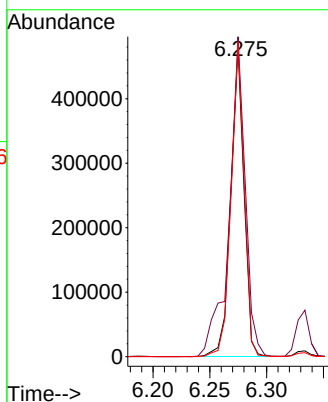
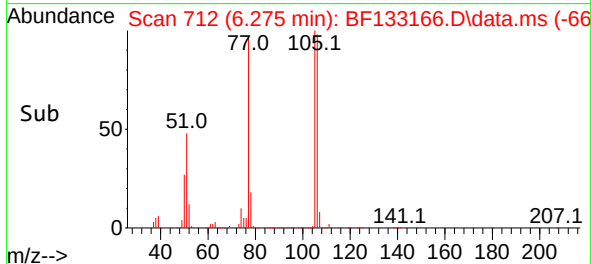
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion: 77 Resp: 38823
Ion Ratio Lower Upper
77 100
105 103.3 82.3 122.3
106 101.6 80.8 120.8

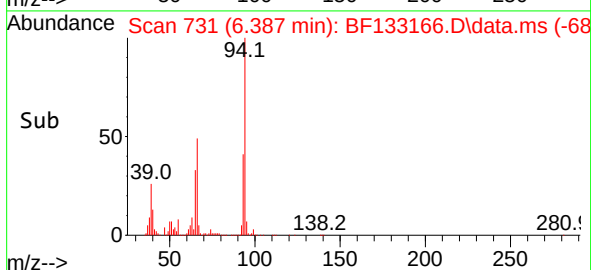
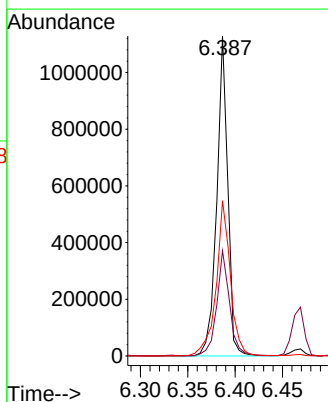
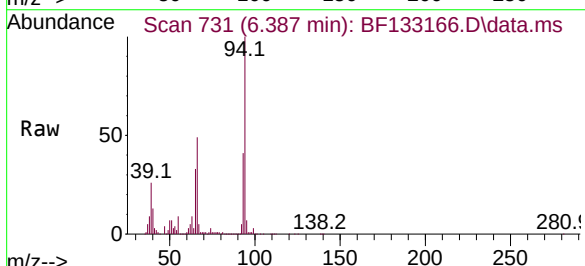
Manual Integrations
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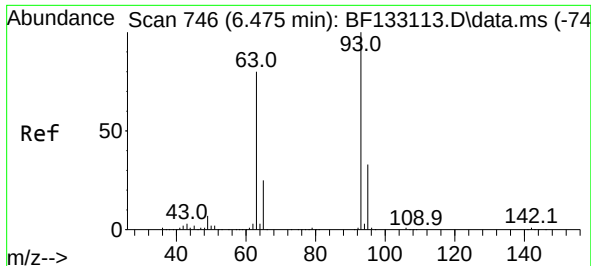
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#10
Phenol
Concen: 50.027 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

Tgt Ion: 94 Resp: 911343
Ion Ratio Lower Upper
94 100
65 32.9 8.6 48.6
66 48.5 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 46.947 ng

RT: 6.469 min Scan# 746

Delta R.T. -0.006 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

Instrument :

BNA_F

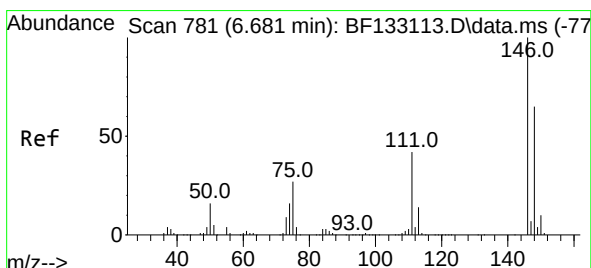
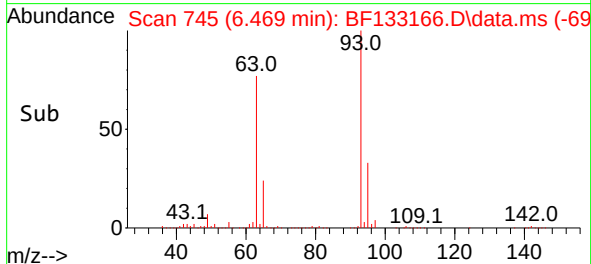
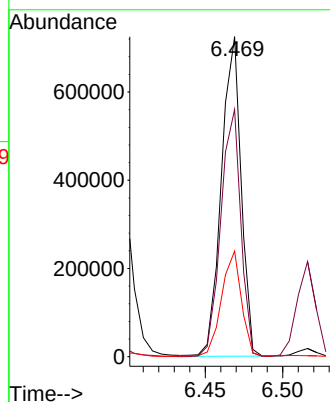
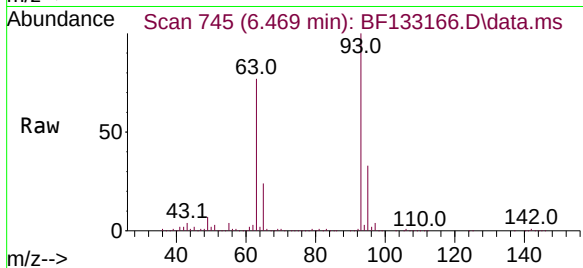
ClientSampleId :

P001-SS011-0006-01MSD

Tgt Ion: 93 Resp: 641777
 Ion Ratio Lower Upper
 93 100
 63 77.3 60.6 100.6
 95 33.0 12.9 52.9

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



#12

1,3-Dichlorobenzene

Concen: 49.512 ng

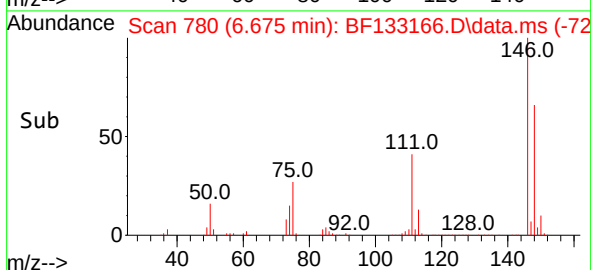
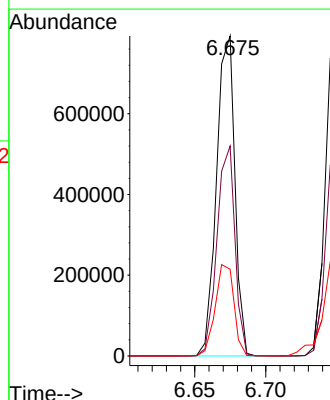
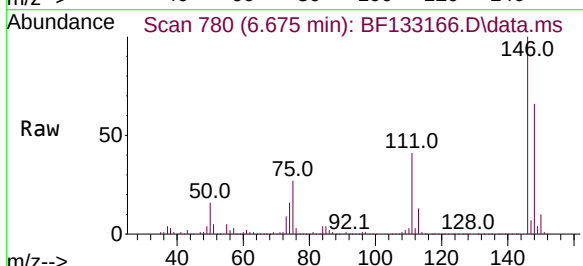
RT: 6.675 min Scan# 780

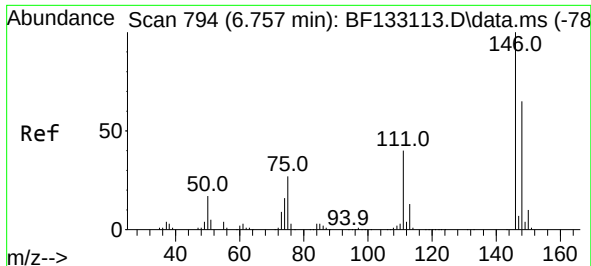
Delta R.T. 0.000 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

Tgt Ion:146 Resp: 711066
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.0 76.4
 75 27.1 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 49.181 ng

RT: 6.751 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MSD

Tgt Ion:146 Resp: 707878

Ion Ratio Lower Upper

146 100

148 65.0 50.3 75.5

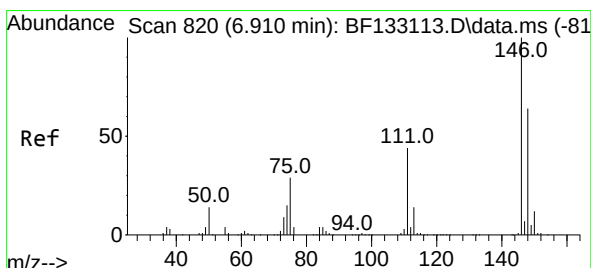
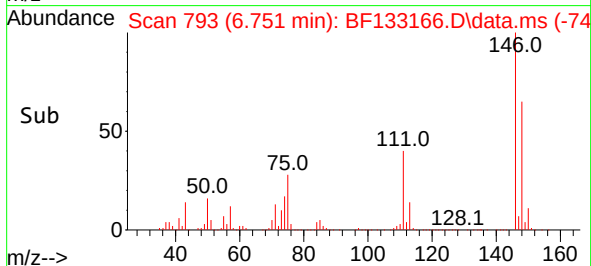
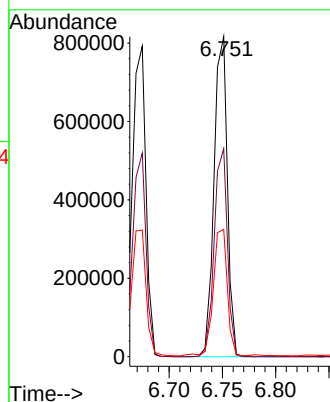
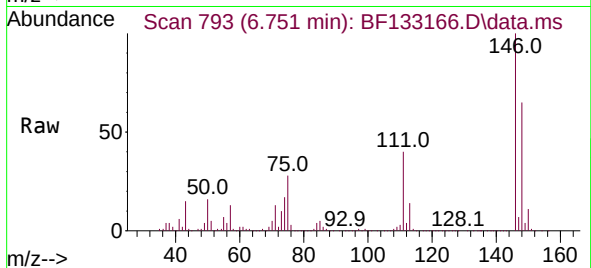
111 39.8 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#14

1,2-Dichlorobenzene

Concen: 51.558 ng

RT: 6.904 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

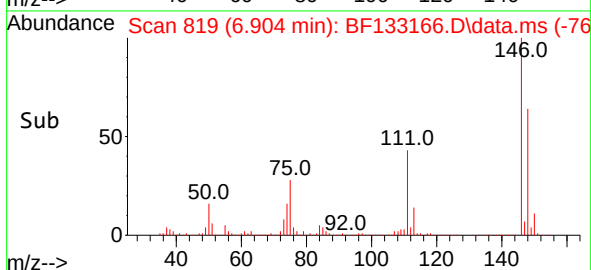
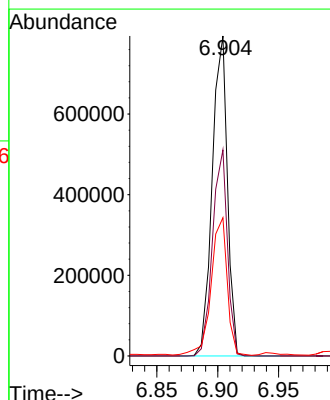
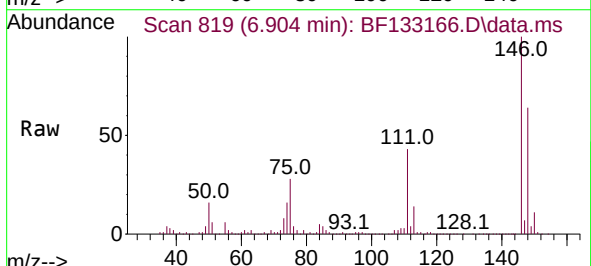
Tgt Ion:146 Resp: 684156

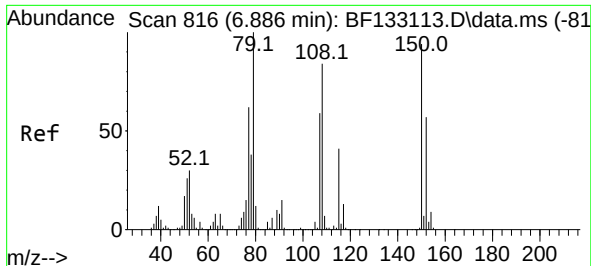
Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

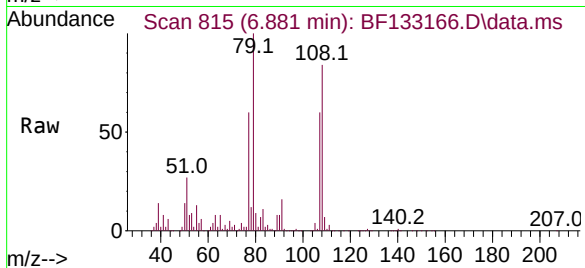
111 43.2 32.8 49.2





#15
Benzyl Alcohol
Concen: 49.935 ng
RT: 6.881 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

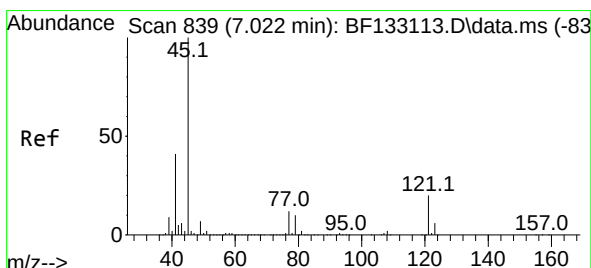
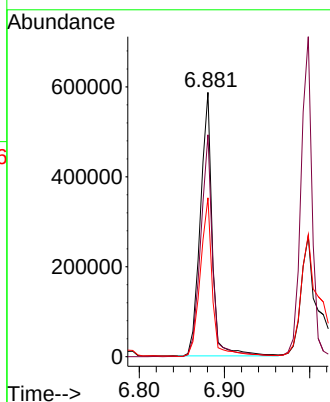
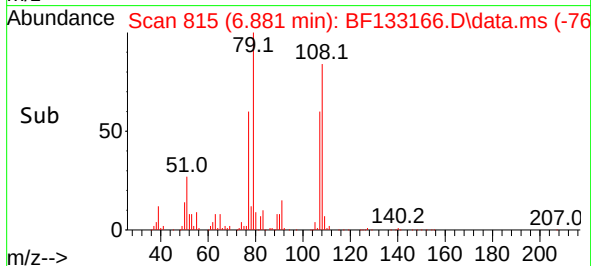
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion: 79 Resp: 569590
Ion Ratio Lower Upper
79 100
108 83.9 66.6 99.8
77 60.1 49.2 73.8

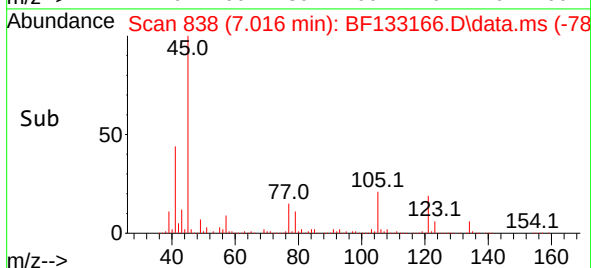
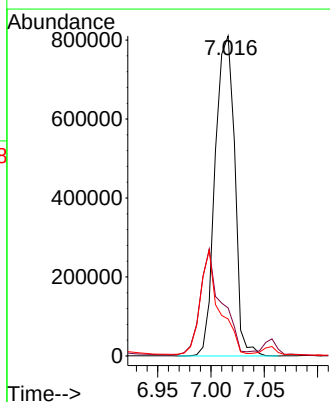
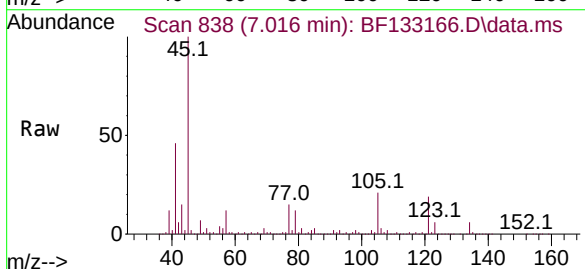
Manual Integrations
APPROVED

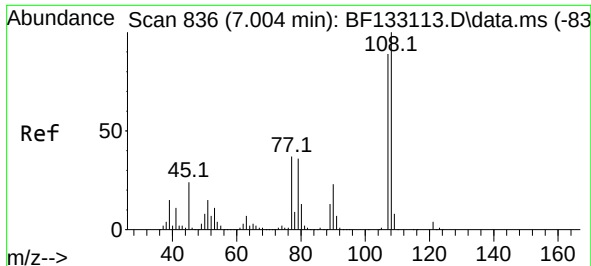
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.412 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

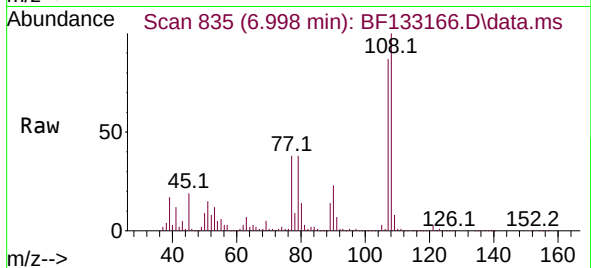
Tgt Ion: 45 Resp: 1030746
Ion Ratio Lower Upper
45 100
77 15.0 0.0 31.5
79 11.6 0.0 28.7





#17
2-Methylphenol
Concen: 44.328 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

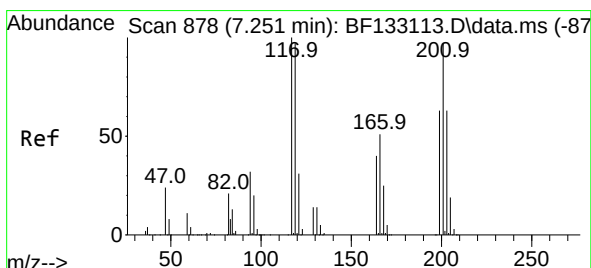
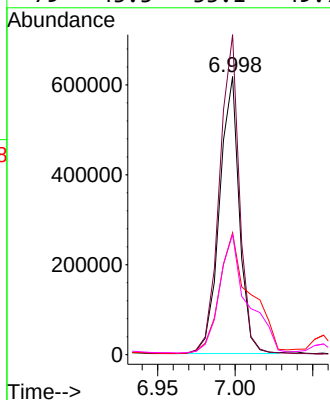
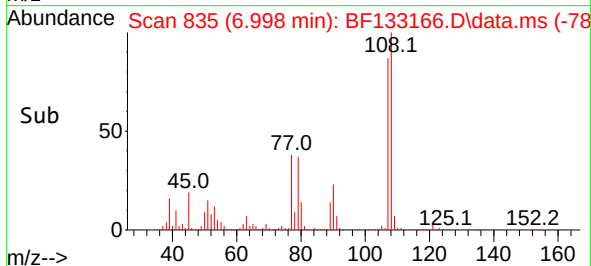
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion:107 Resp: 54829
Ion Ratio Lower Upper
107 100
108 115.0 92.4 138.6
77 43.8 33.8 50.8
79 43.3 33.1 49.7

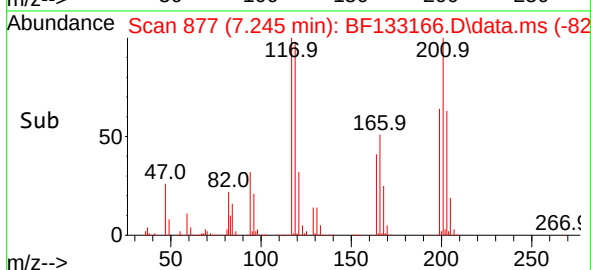
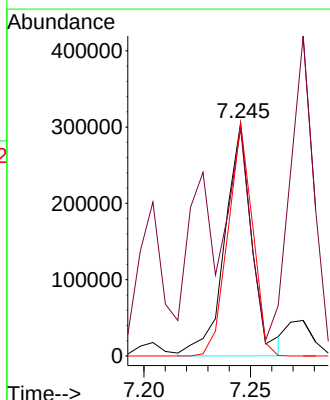
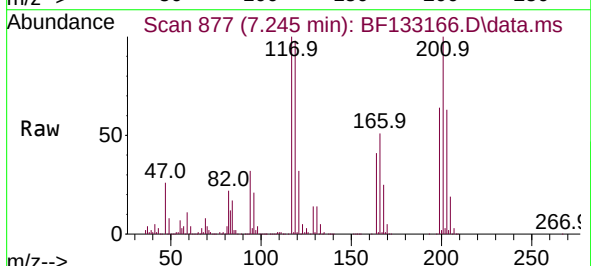
Manual Integrations
APPROVED

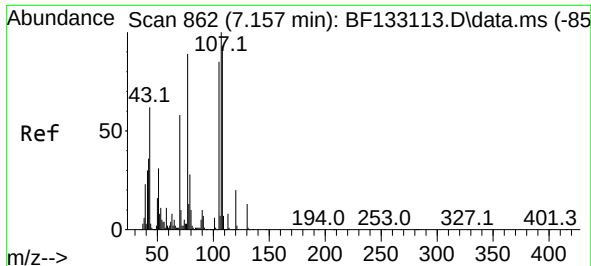
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#18
Hexachloroethane
Concen: 53.752 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

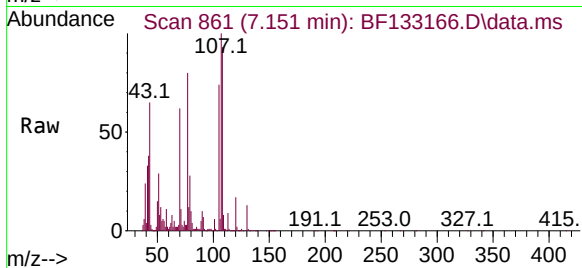
Tgt Ion:117 Resp: 268978
Ion Ratio Lower Upper
117 100
119 97.6 78.2 117.4
201 99.8 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 44.009 ng
RT: 7.151 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

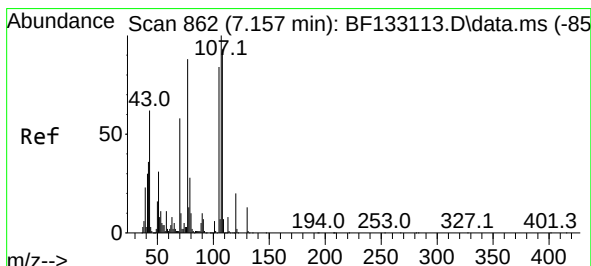
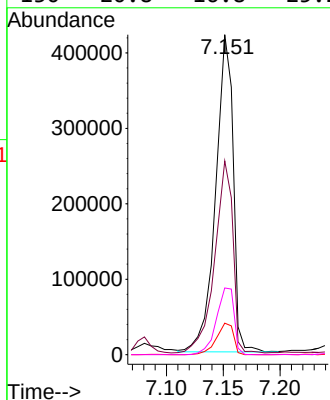
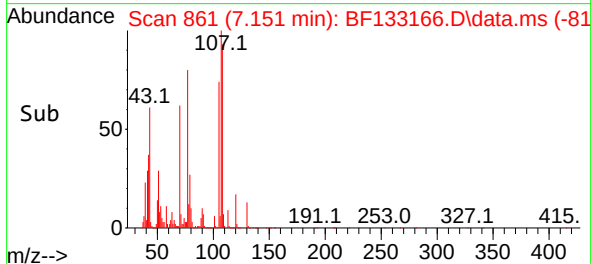
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion: 70 Resp: 45242
Ion Ratio Lower Upper
70 100
42 60.5 51.8 77.6
101 9.8 8.0 12.0
130 20.8 16.8 25.2

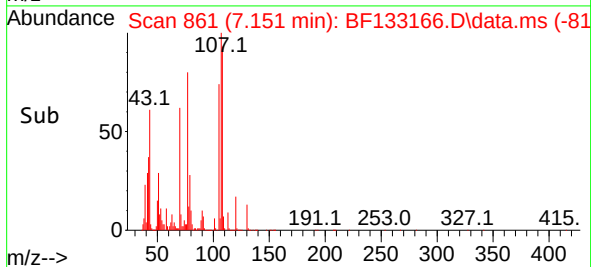
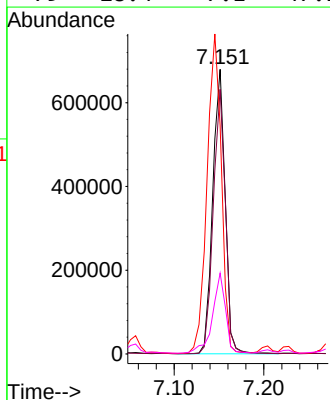
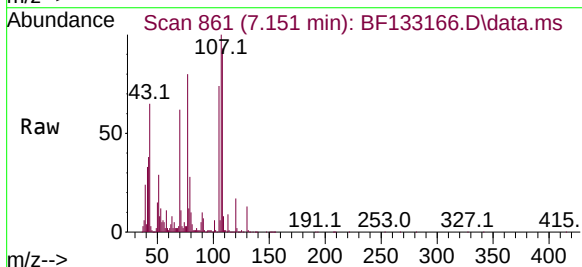
Manual Integrations
APPROVED

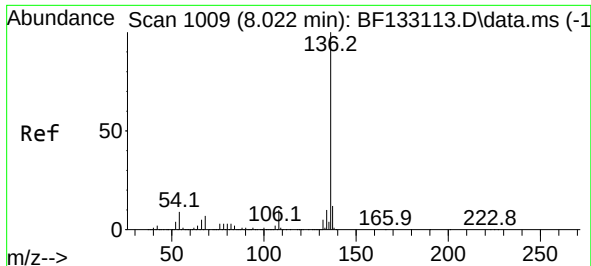
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#20
3+4-Methylphenols
Concen: 44.890 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

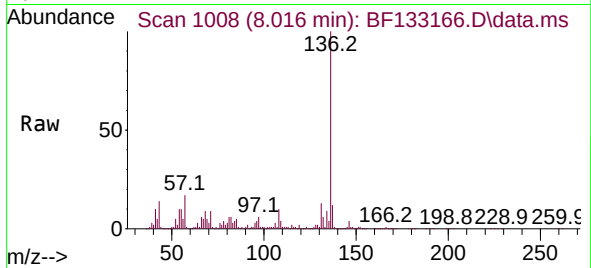
Tgt Ion:107 Resp: 653890
Ion Ratio Lower Upper
107 100
108 92.9 70.5 110.5
77 80.3 91.7 131.7#
79 28.4 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

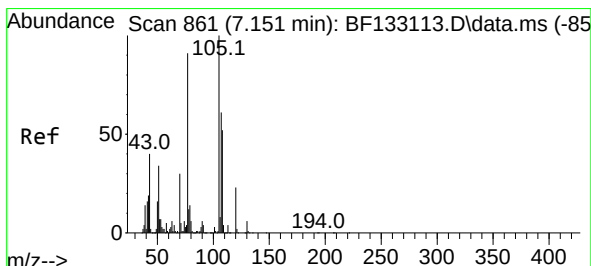
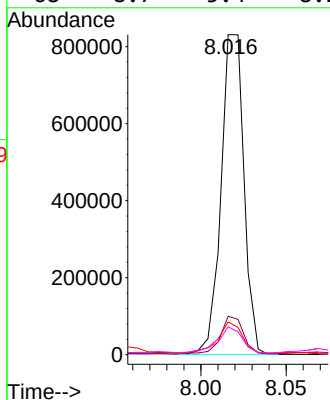
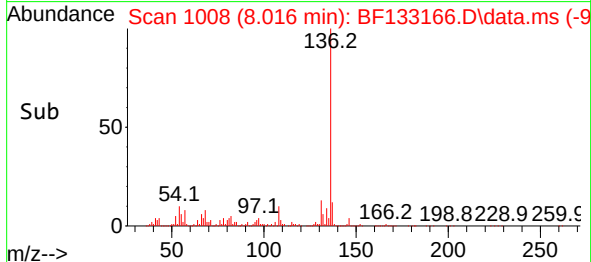
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion:136 Resp: 777263
Ion Ratio Lower Upper
136 100
137 12.0 8.6 13.0
54 10.3 7.0 10.4
68 8.7 5.4 8.2#

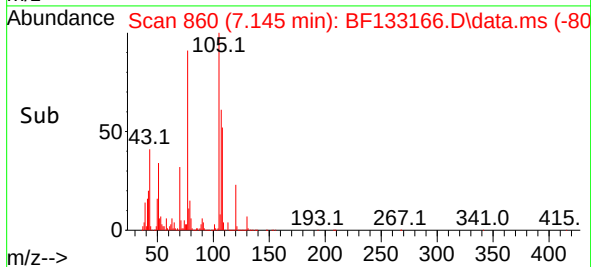
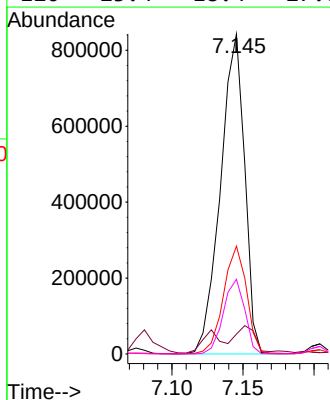
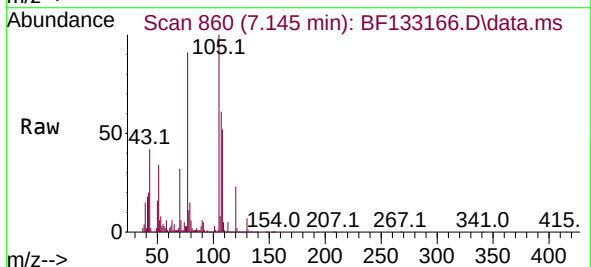
Manual Integrations
APPROVED

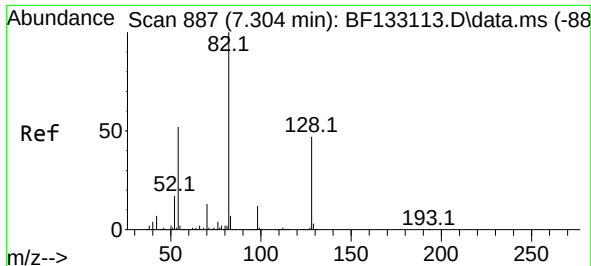
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#22
Acetophenone
Concen: 55.203 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

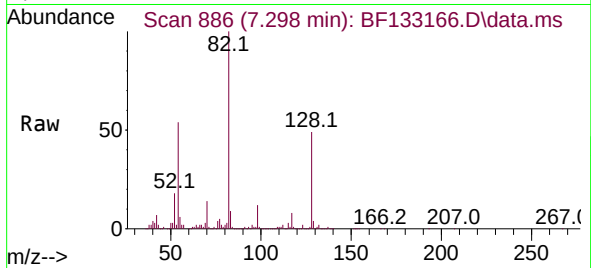
Tgt Ion:105 Resp: 993923
Ion Ratio Lower Upper
105 100
71 6.2 4.6 7.0
51 33.7 28.2 42.2
120 23.4 18.4 27.6





#23
Nitrobenzene-d5
Concen: 43.618 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

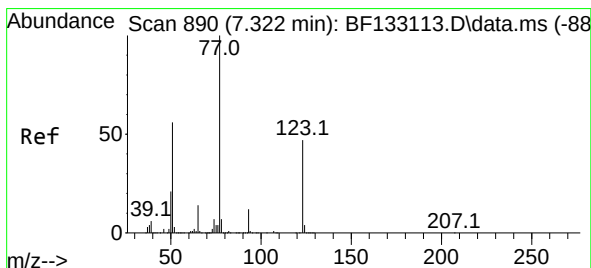
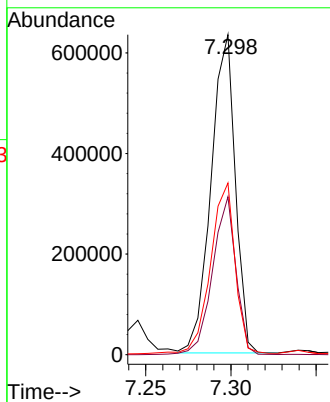
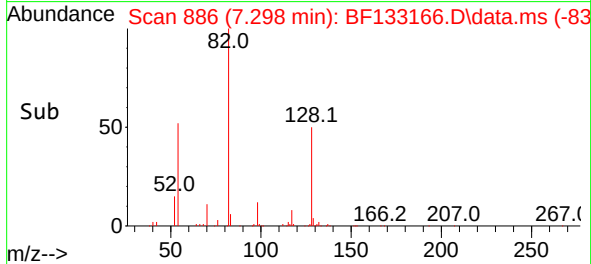
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion: 82 Resp: 628089
Ion Ratio Lower Upper
82 100
128 49.3 37.7 56.5
54 53.6 43.0 64.4

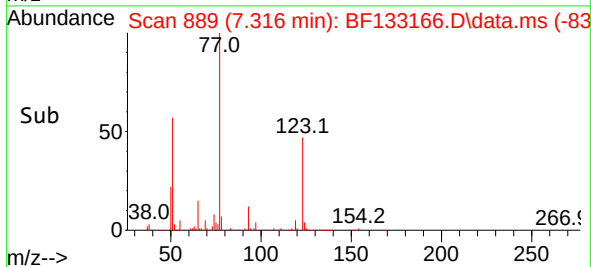
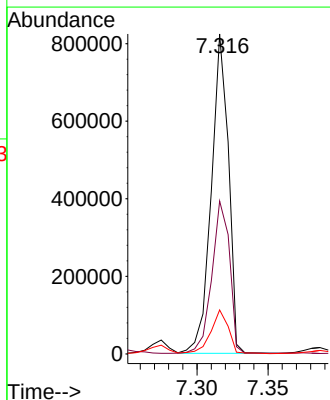
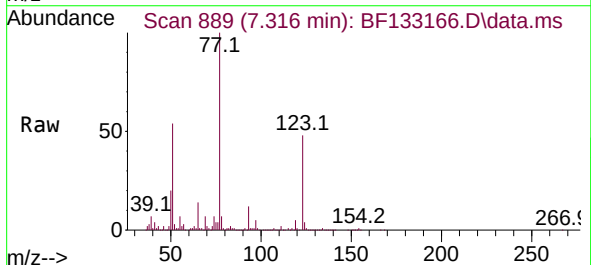
Manual Integrations
APPROVED

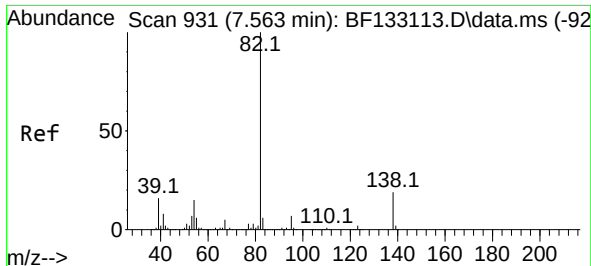
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#24
Nitrobenzene
Concen: 47.218 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

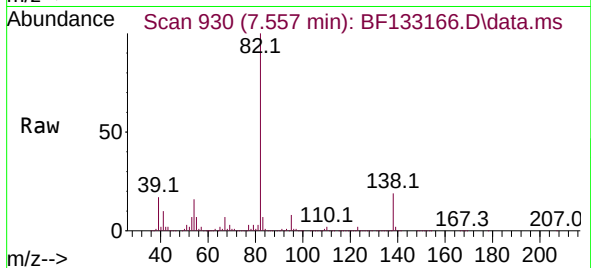
Tgt Ion: 77 Resp: 688997
Ion Ratio Lower Upper
77 100
123 47.8 39.9 59.9
65 13.8 10.7 16.1





#25
Isophorone
Concen: 48.084 ng
RT: 7.557 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

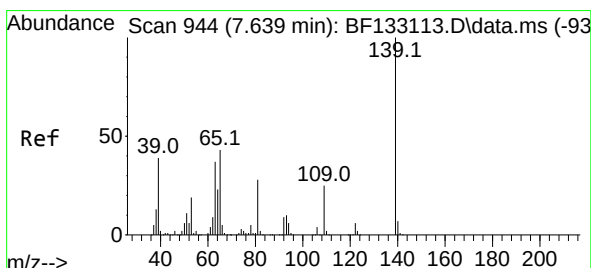
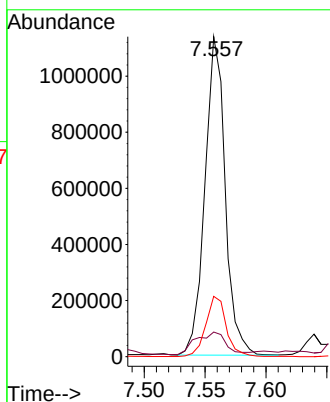
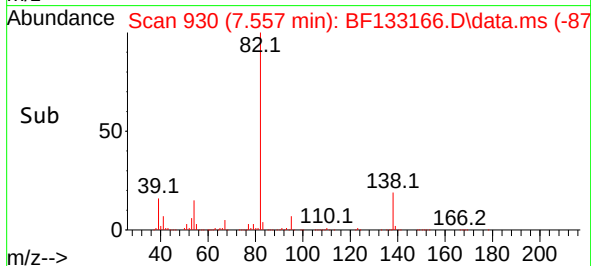
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion: 82 Resp: 1314630
Ion Ratio Lower Upper
82 100
95 7.7 5.4 8.0
138 18.8 16.0 24.0

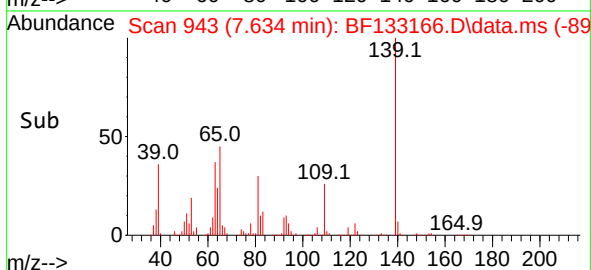
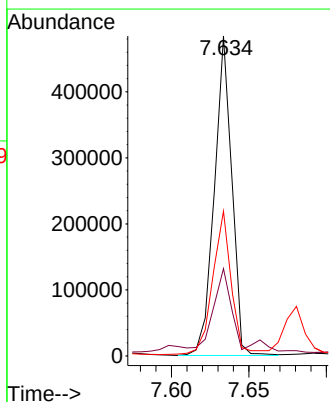
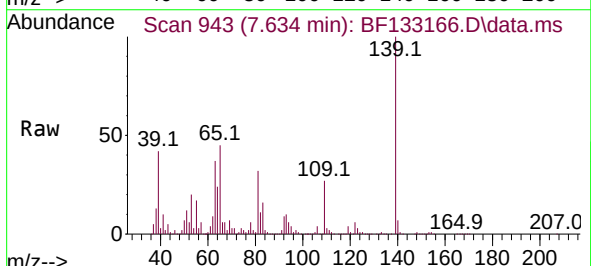
Manual Integrations
APPROVED

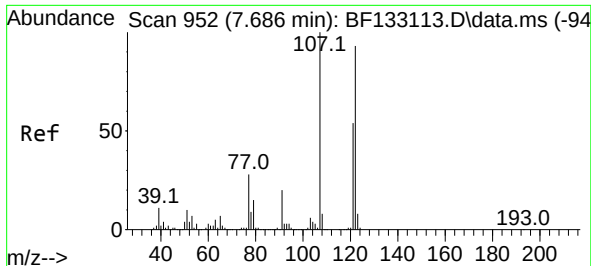
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#26
2-Nitrophenol
Concen: 53.943 ng
RT: 7.634 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

Tgt Ion:139 Resp: 379652
Ion Ratio Lower Upper
139 100
109 27.3 21.6 32.4
65 45.2 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 49.960 ng

RT: 7.681 min Scan# 951

Delta R.T. 0.000 min

Lab File: BF133166.D

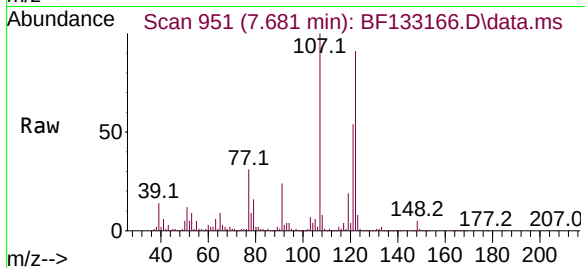
Acq: 01 May 2023 20:42

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MSD



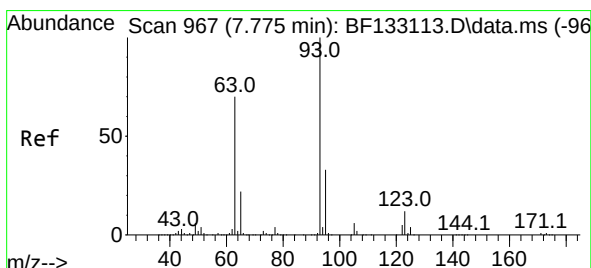
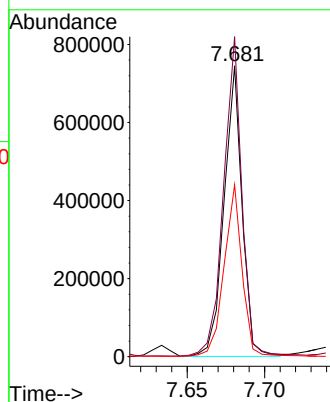
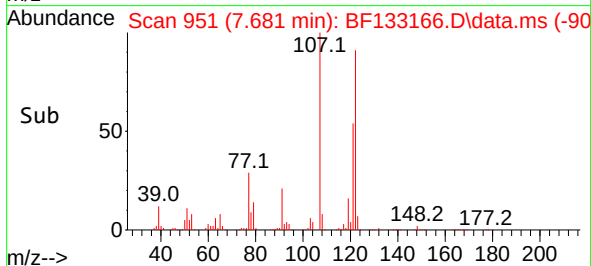
Tgt Ion:122 Resp: 60293

Ion	Ratio	Lower	Upper
122	100		
107	110.0	89.7	134.5
121	59.1	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.141 ng

RT: 7.775 min Scan# 967

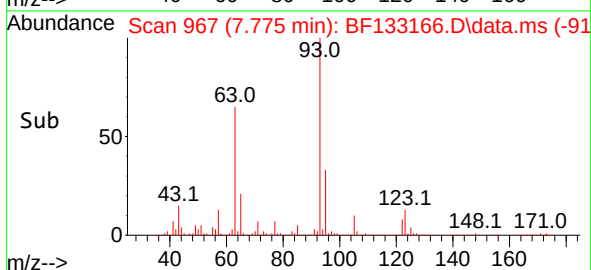
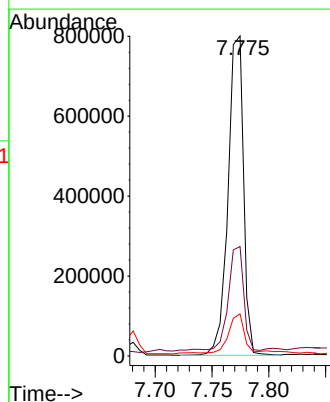
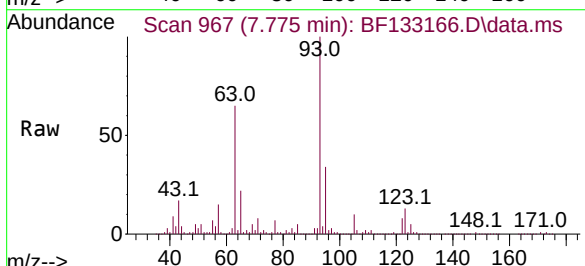
Delta R.T. 0.000 min

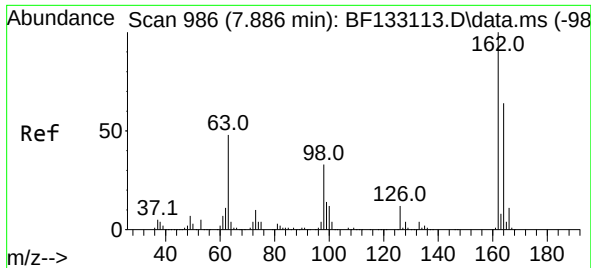
Lab File: BF133166.D

Acq: 01 May 2023 20:42

Tgt Ion: 93 Resp: 762475

Ion	Ratio	Lower	Upper
93	100		
95	34.2	26.4	39.6
123	13.1	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 49.742 ng

RT: 7.881 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF133166.D

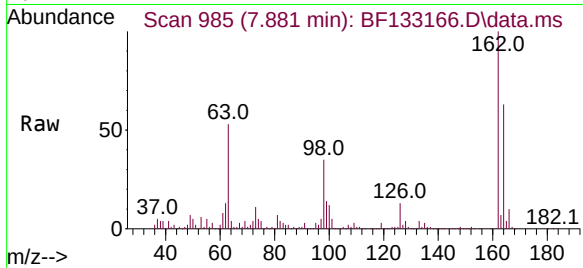
Acq: 01 May 2023 20:42

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MSD

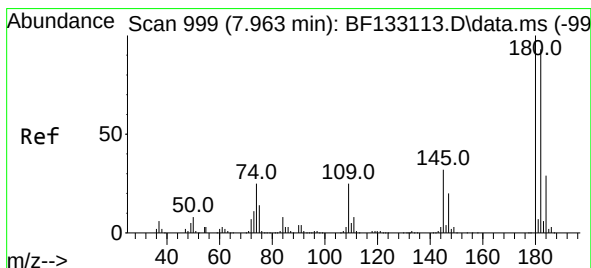
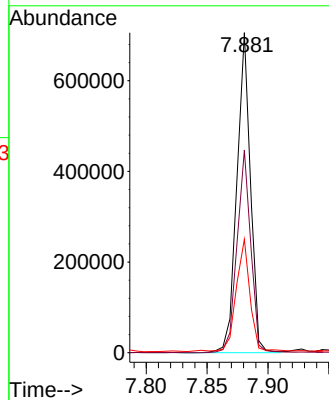
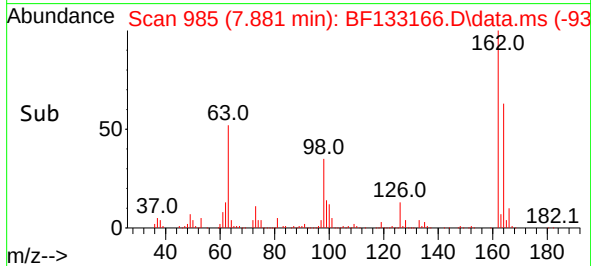


Tgt Ion:	162	Resp:	546479
Ion Ratio	Lower	Upper	
162	100		
164	63.4	43.9	83.9
98	35.5	17.0	57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.194 ng

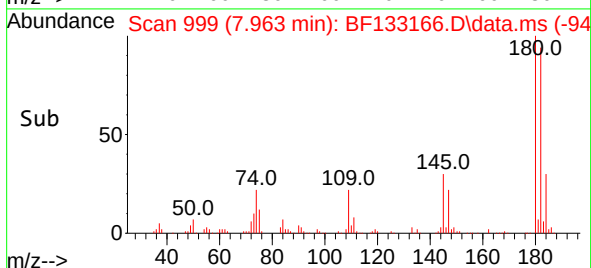
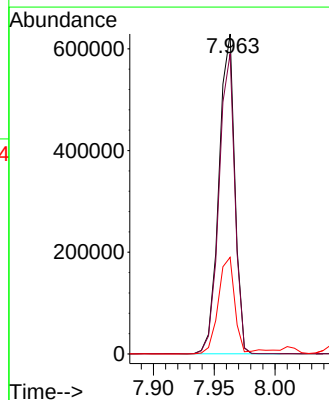
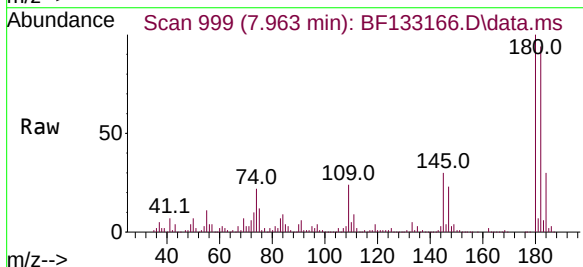
RT: 7.963 min Scan# 999

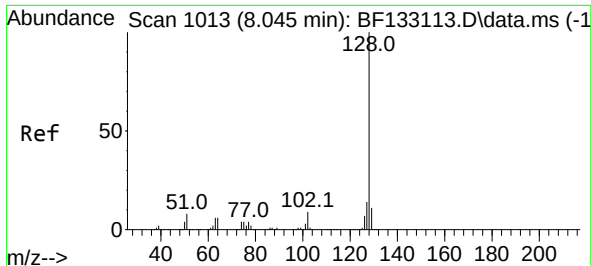
Delta R.T. 0.000 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

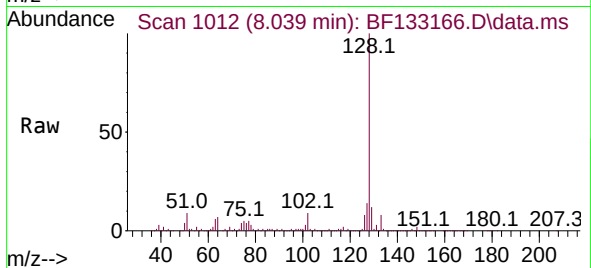
Tgt Ion:	180	Resp:	571297
Ion Ratio	Lower	Upper	
180	100		
182	93.9	75.9	113.9
145	30.2	25.3	37.9





#31
Naphthalene
Concen: 52.058 ng
RT: 8.039 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

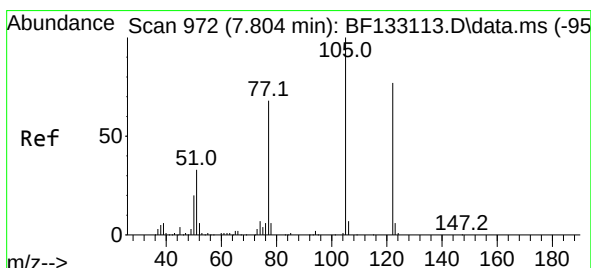
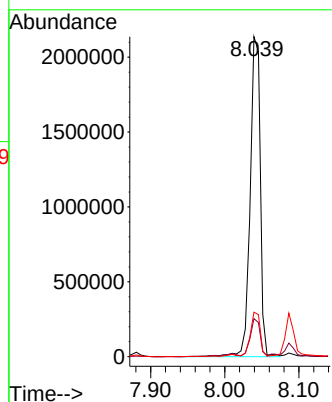
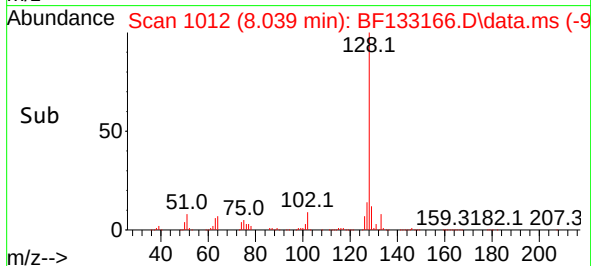
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion:128 Resp: 2022998
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.9 10.7 16.1

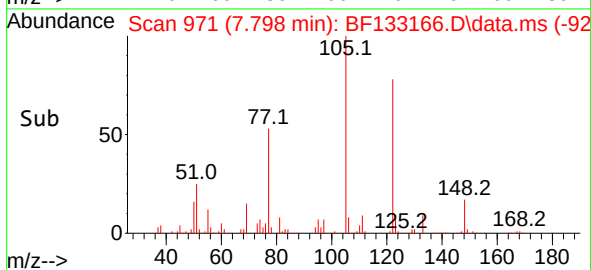
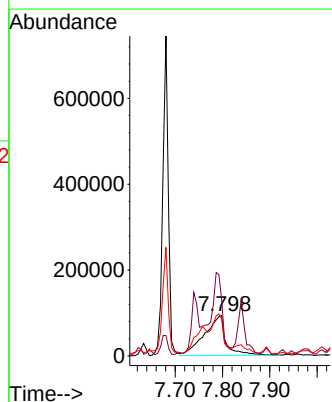
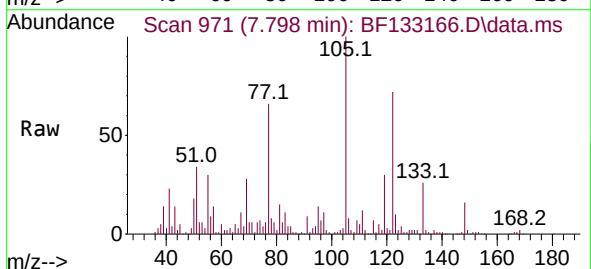
Manual Integrations
APPROVED

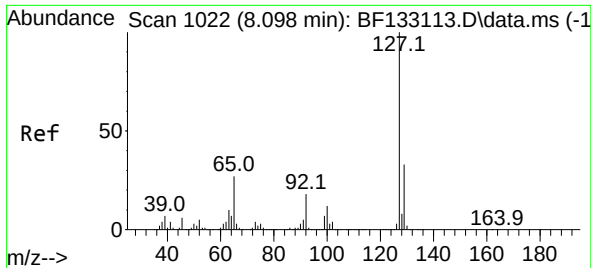
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#32
Benzoic acid
Concen: 39.458 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

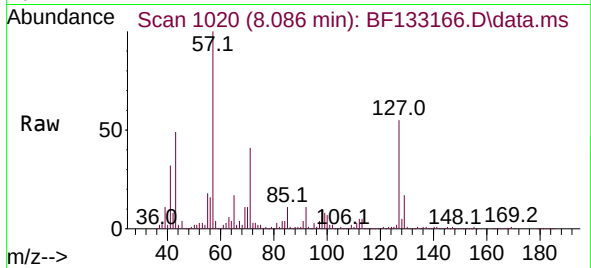
Tgt Ion:122 Resp: 294139
Ion Ratio Lower Upper
122 100
105 139.0 104.2 144.2
77 91.9 69.7 109.7





#33
4-Chloroaniline
Concen: 15.959 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

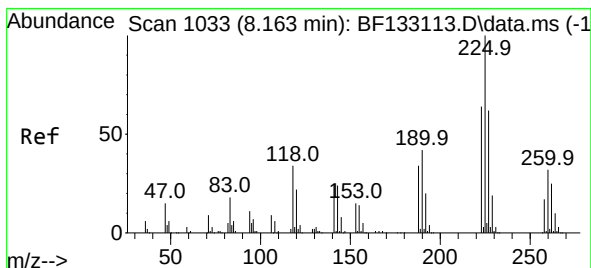
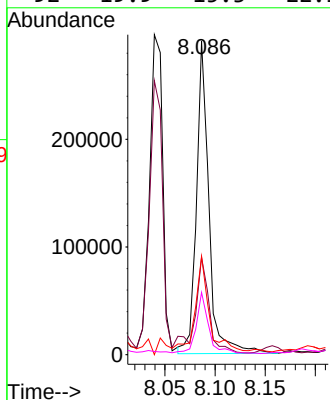
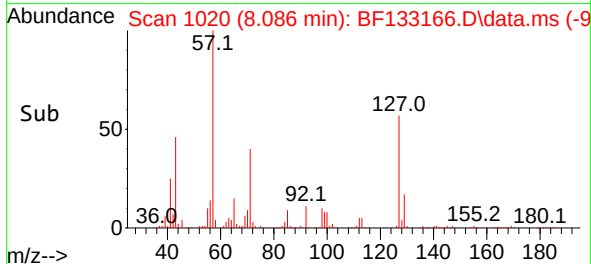
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion:127 Resp: 250584
Ion Ratio Lower Upper
127 100
129 31.1 25.8 38.8
65 31.4 23.6 35.4
92 19.9 15.3 22.9

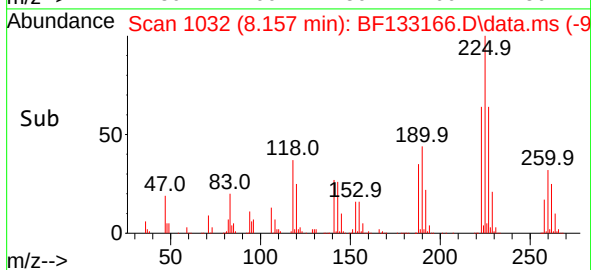
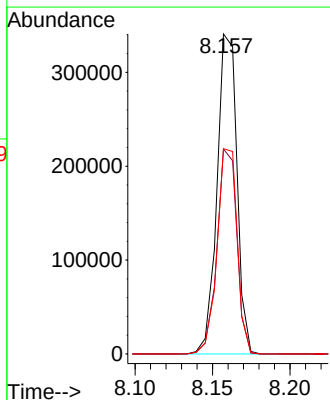
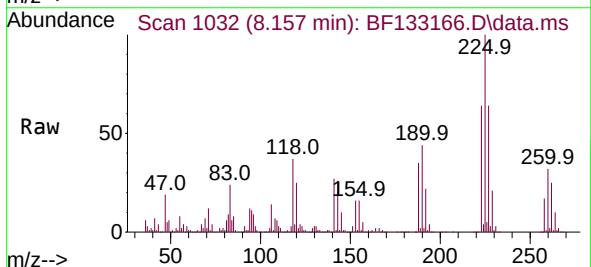
Manual Integrations
APPROVED

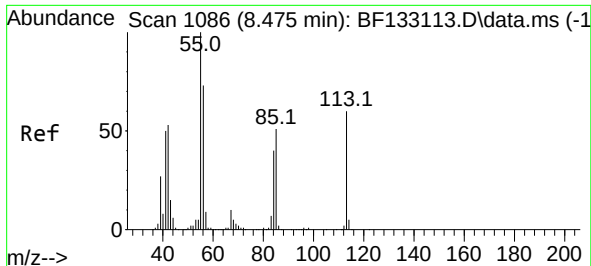
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#34
Hexachlorobutadiene
Concen: 48.337 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

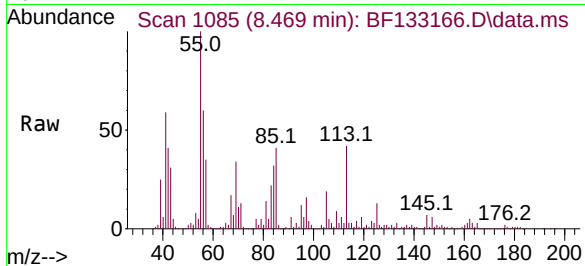
Tgt Ion:225 Resp: 304925
Ion Ratio Lower Upper
225 100
223 64.1 50.9 76.3
227 64.1 50.3 75.5





#35
 Caprolactam
 Concen: 67.223 ng m
 RT: 8.469 min Scan# 1086
 Delta R.T. 0.000 min
 Lab File: BF133166.D
 Acq: 01 May 2023 20:42

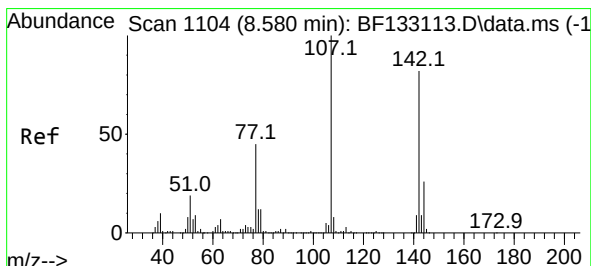
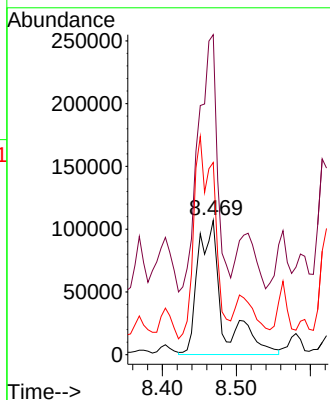
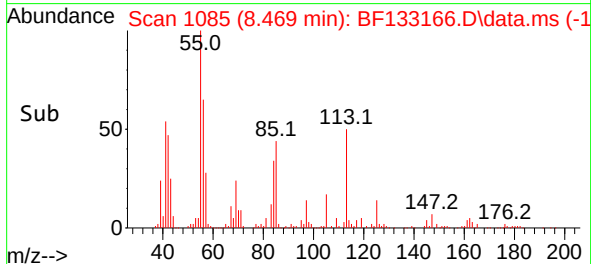
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS011-0006-01MSD



Tgt Ion:113 Resp: 24810
 Ion Ratio Lower Upper
 113 100
 55 238.3 167.1 207.1
 56 143.1 114.5 154.5

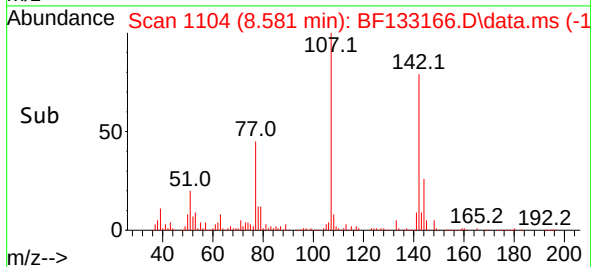
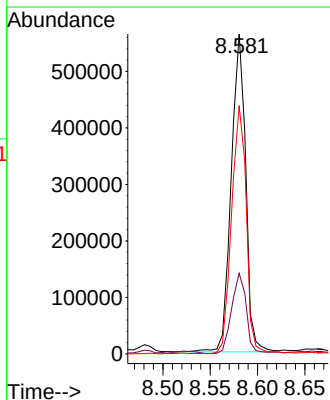
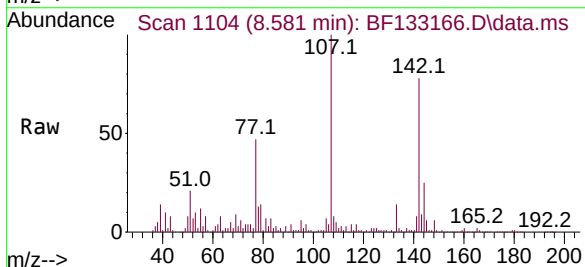
Manual Integrations
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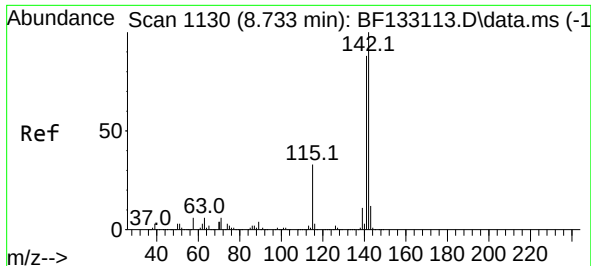
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



#36
 4-Chloro-3-methylphenol
 Concen: 50.398 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: BF133166.D
 Acq: 01 May 2023 20:42

Tgt Ion:107 Resp: 597079
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.6 30.8
 142 77.6 62.8 94.2





#37

2-Methylnaphthalene

Concen: 55.696 ng

RT: 8.733 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MSD

Tgt Ion:142 Resp: 1479739

Ion Ratio Lower Upper

142 100

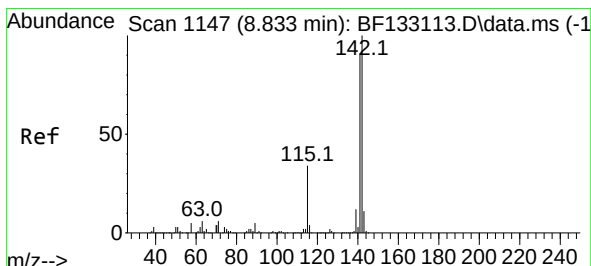
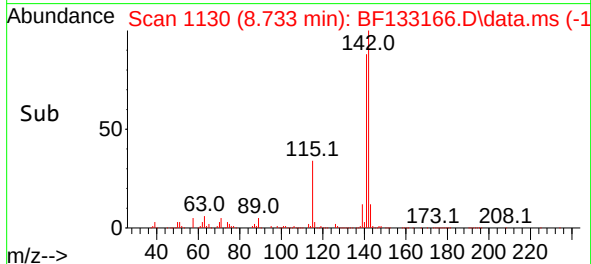
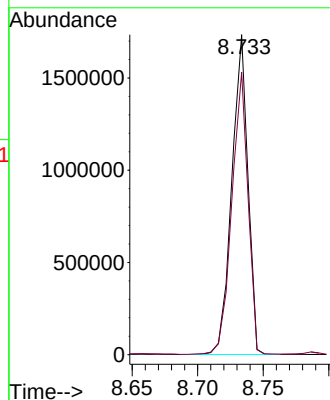
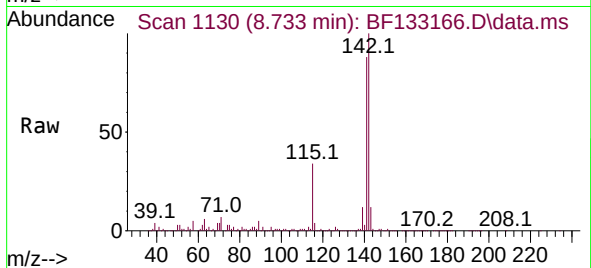
141 88.3 69.4 104.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#38

1-Methylnaphthalene

Concen: 51.878 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF133166.D

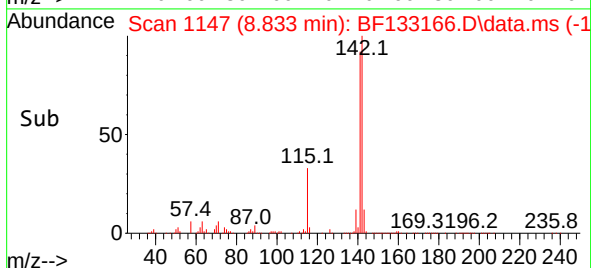
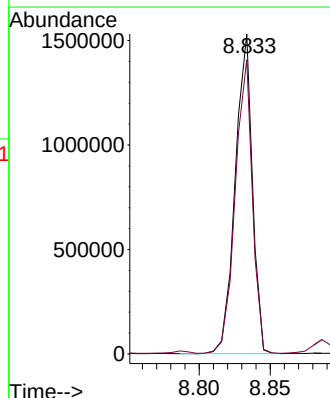
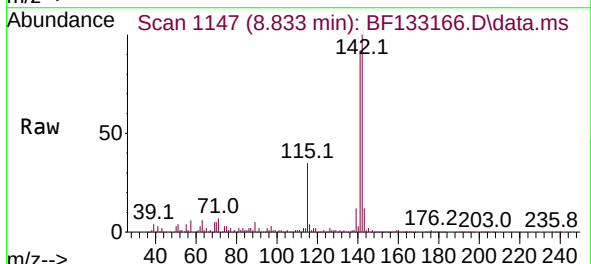
Acq: 01 May 2023 20:42

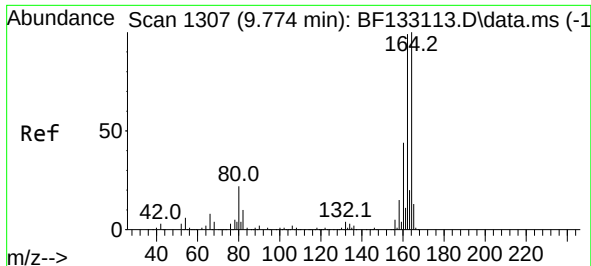
Tgt Ion:142 Resp: 1289368

Ion Ratio Lower Upper

142 100

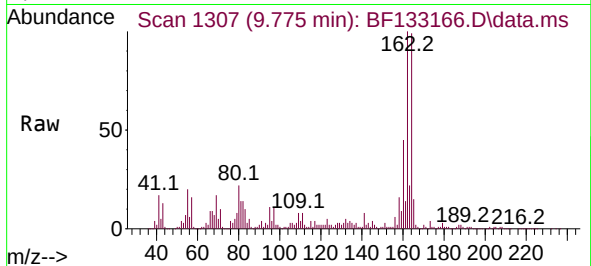
141 92.0 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 11307
Delta R.T. 0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

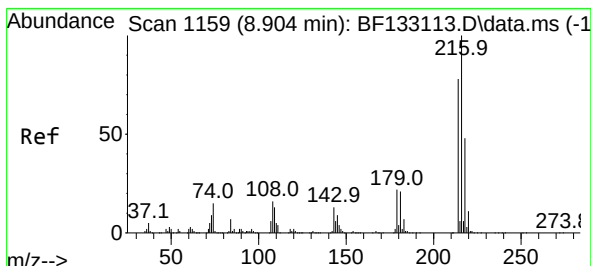
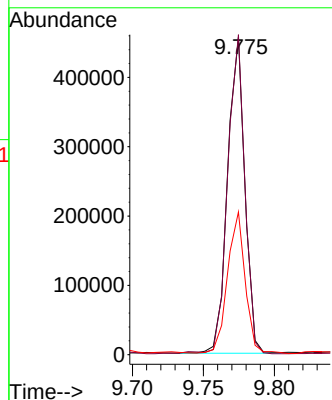
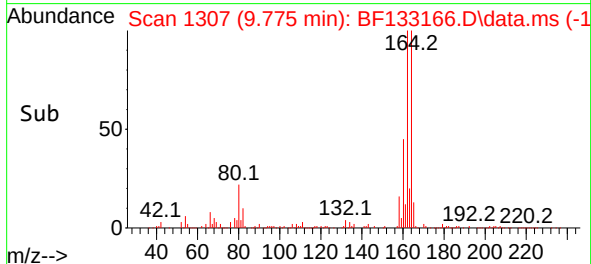
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



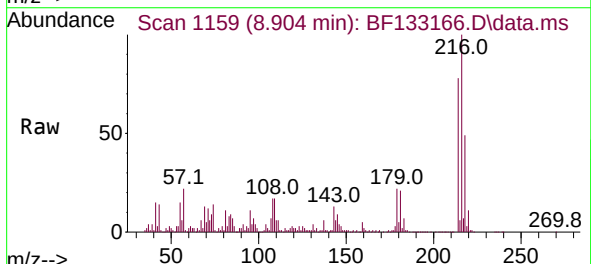
Tgt Ion:164 Resp: 385889
Ion Ratio Lower Upper
164 100
162 100.8 78.7 118.1
160 44.9 35.8 53.6

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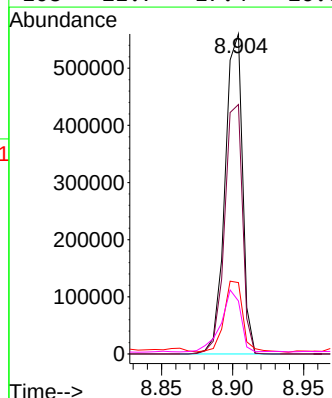
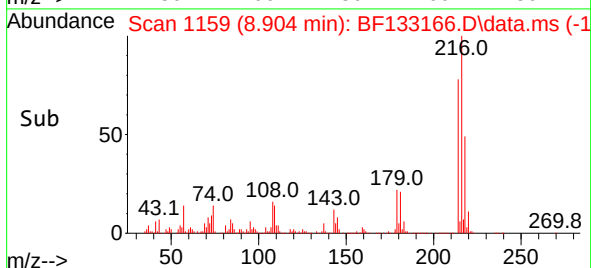
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

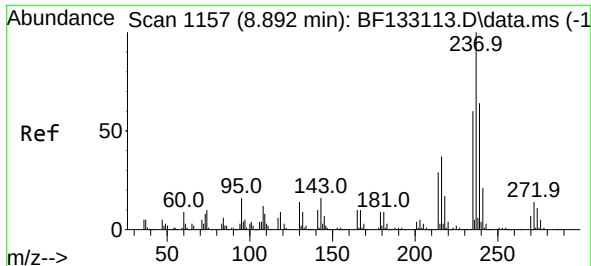


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.193 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42



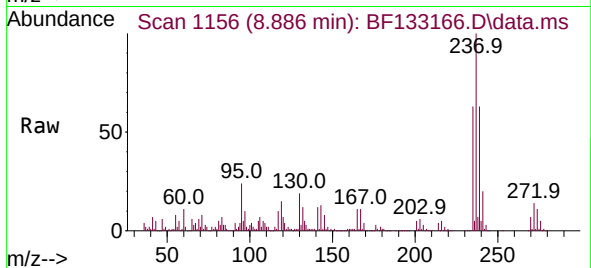
Tgt Ion:216 Resp: 479278
Ion Ratio Lower Upper
216 100
214 79.7 63.5 95.3
179 24.3 17.4 26.2
108 21.7 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 80.681 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

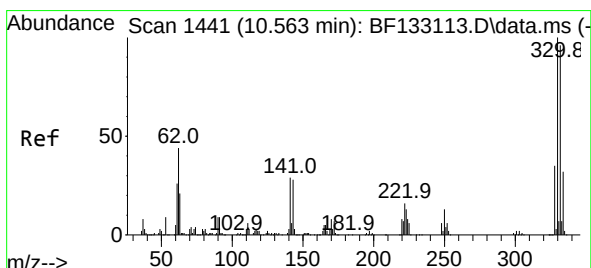
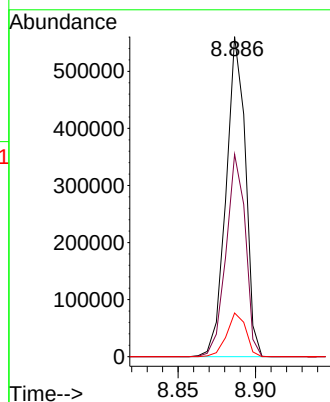
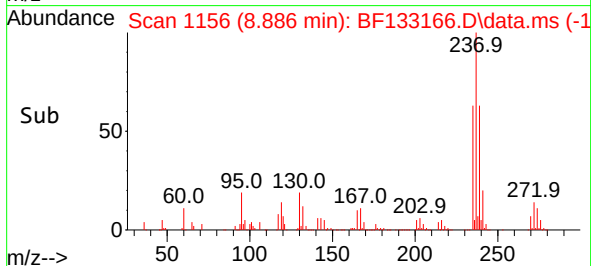
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



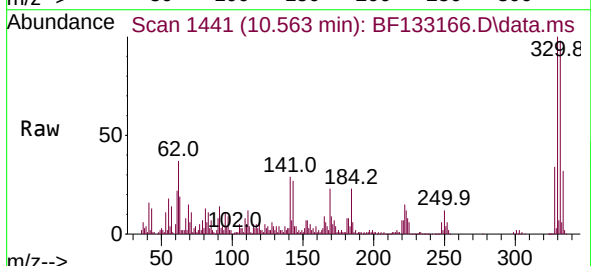
Tgt Ion: 237 Resp: 488199
Ion Ratio Lower Upper
237 100
235 63.3 43.5 83.5
272 13.7 0.0 32.7

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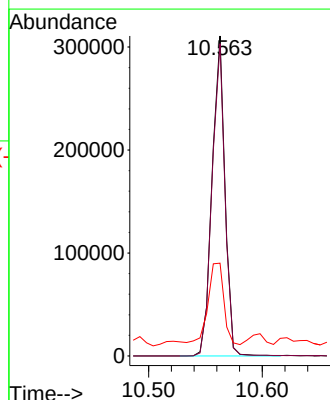
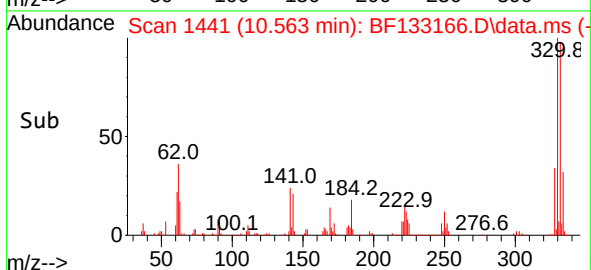
Reviewed By : Christian Giraldo 05/02/2023
Supervised By : Jagrut Upadhyay 05/02/2023

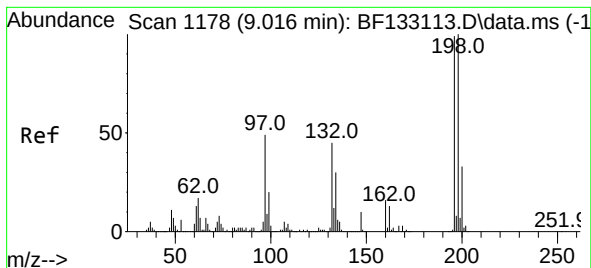


#42
2,4,6-Tribromophenol
Concen: 62.871 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42



Tgt Ion: 330 Resp: 243992
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 31.3 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 48.709 ng

RT: 9.010 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MSD

Tgt Ion:196 Resp: 34950

Ion Ratio Lower Upper

196 100

198 97.9 81.0 121.6

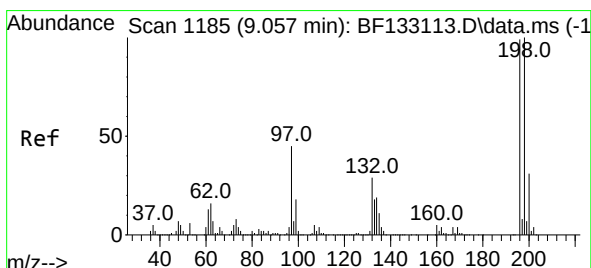
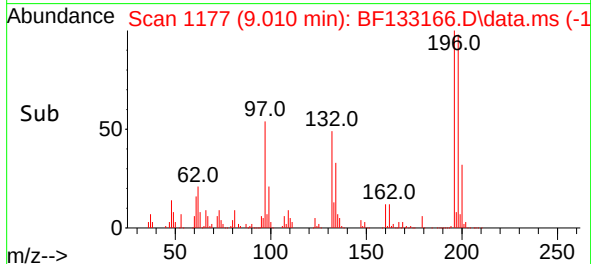
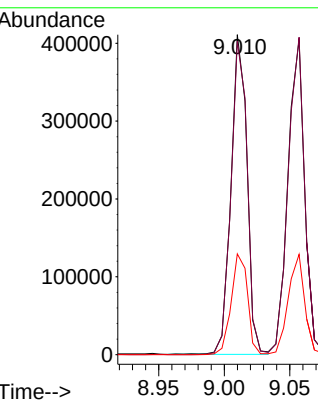
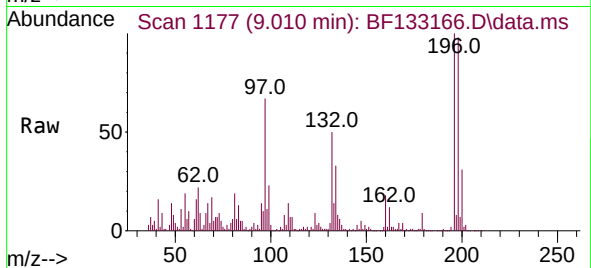
200 31.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#44

2,4,5-Trichlorophenol

Concen: 43.443 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

Tgt Ion:196 Resp: 360514

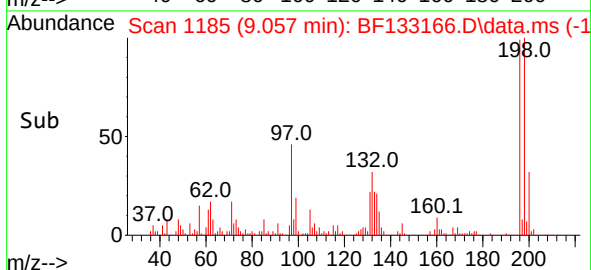
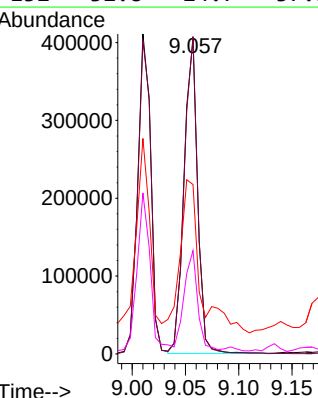
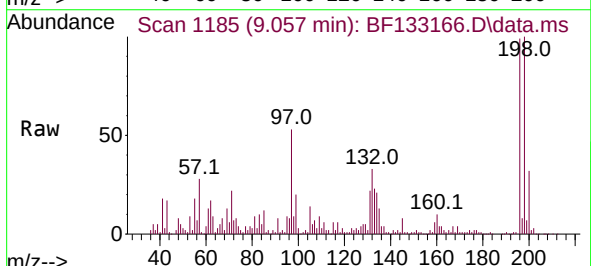
Ion Ratio Lower Upper

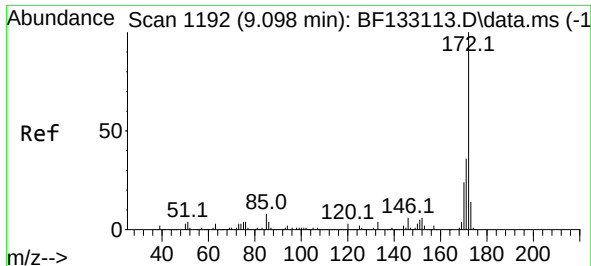
196 100

198 100.8 80.9 121.3

97 53.8 41.3 61.9

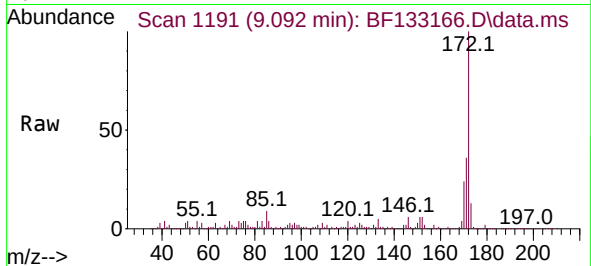
132 32.8 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 47.115 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

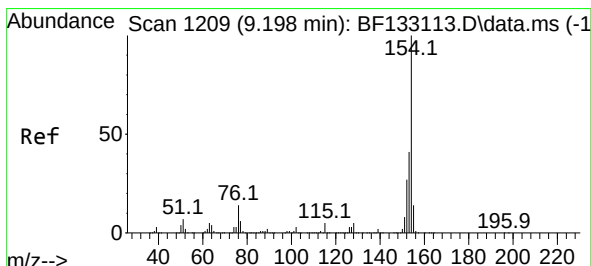
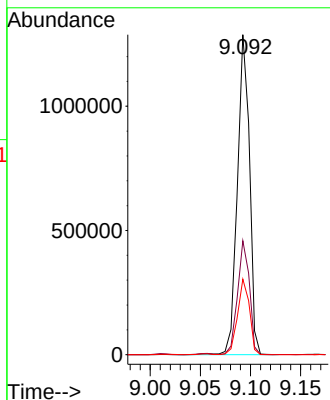
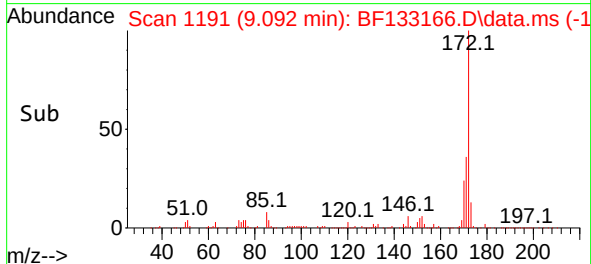
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



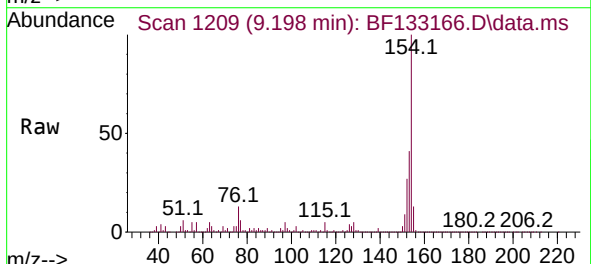
Tgt Ion:172 Resp: 108673
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.6 19.4 29.2

Manual Integrations
APPROVED

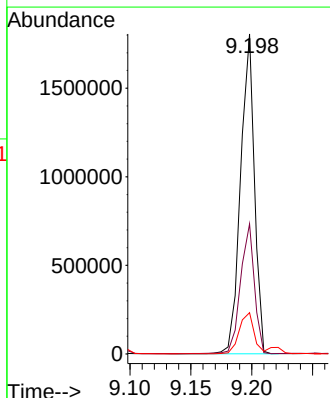
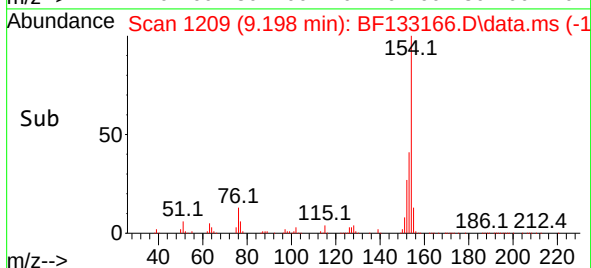
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

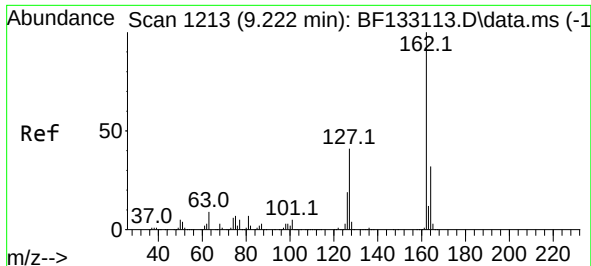


#46
1,1'-Biphenyl
Concen: 46.555 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42



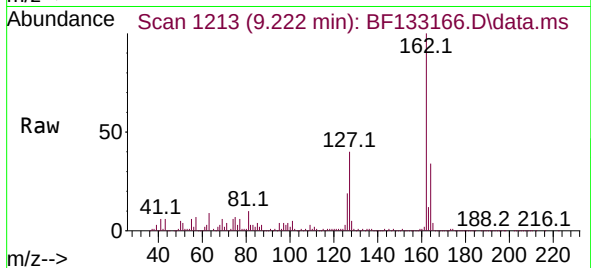
Tgt Ion:154 Resp: 1424544
Ion Ratio Lower Upper
154 100
153 40.7 21.0 61.0
76 12.9 0.0 34.5





#47
2-Chloronaphthalene
Concen: 47.773 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

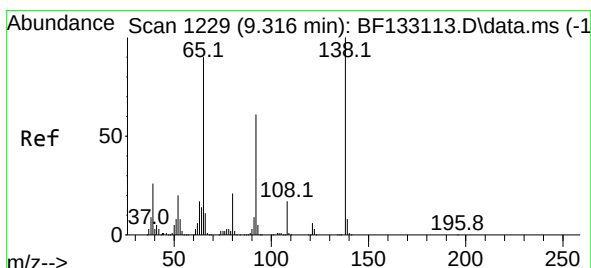
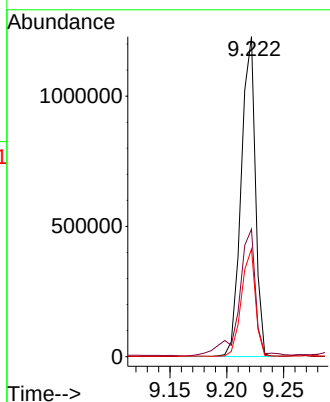
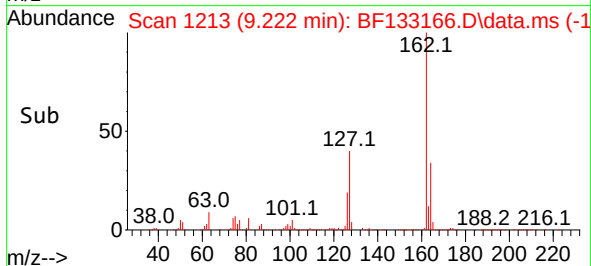
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



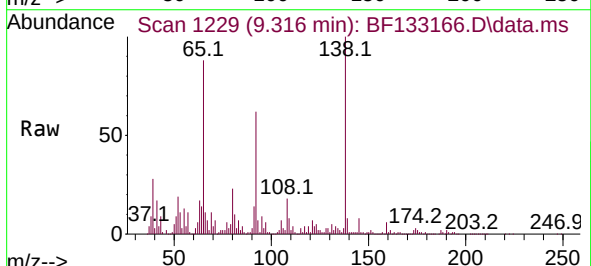
Tgt Ion:162 Resp: 1069960
Ion Ratio Lower Upper
162 100
127 39.9 32.3 48.5
164 33.7 26.8 40.2

Manual Integrations
APPROVED

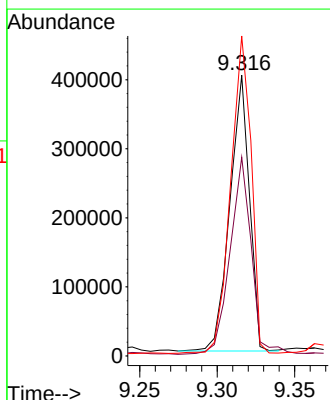
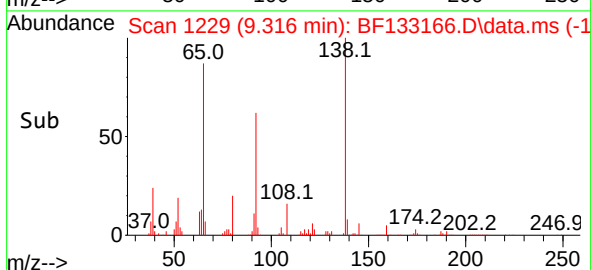
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

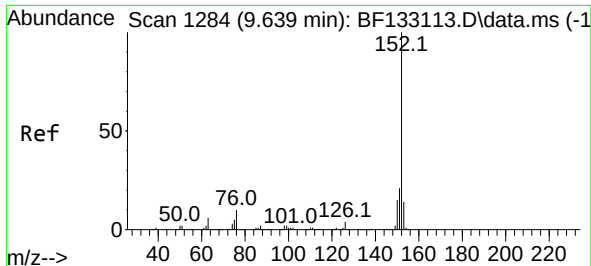


#48
2-Nitroaniline
Concen: 47.373 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42



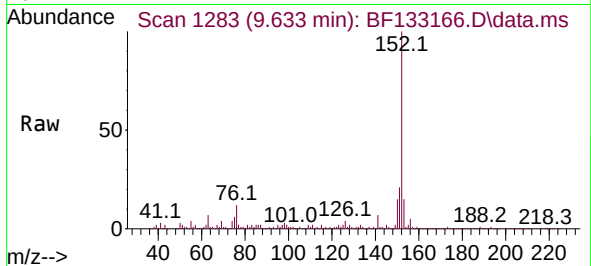
Tgt Ion: 65 Resp: 350658
Ion Ratio Lower Upper
65 100
92 70.8 55.4 83.0
138 113.9 98.2 147.2





#49
Acenaphthylene
Concen: 45.359 ng
RT: 9.633 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

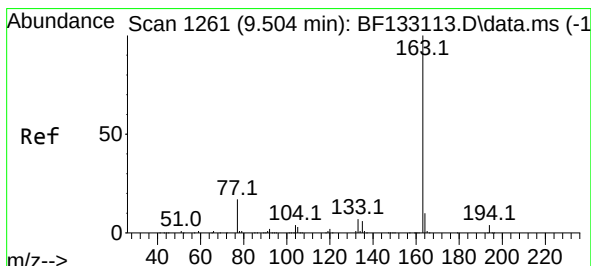
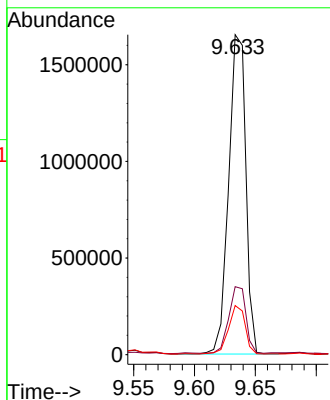
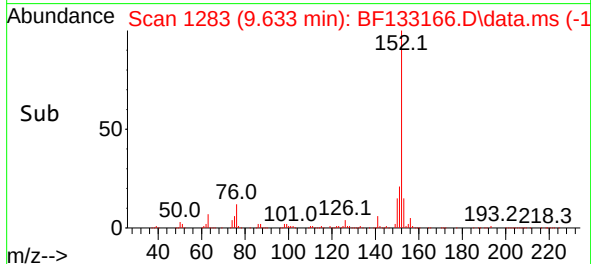
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



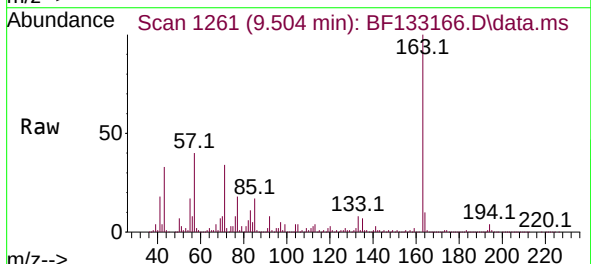
Tgt Ion:152 Resp: 1623230
Ion Ratio Lower Upper
152 100
151 21.2 16.6 24.8
153 15.3 11.5 17.3

Manual Integrations
APPROVED

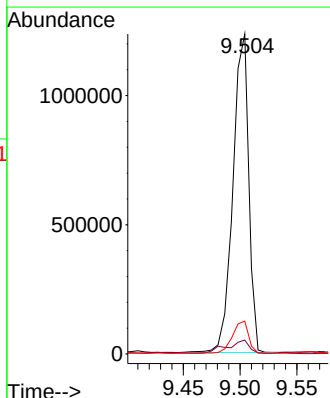
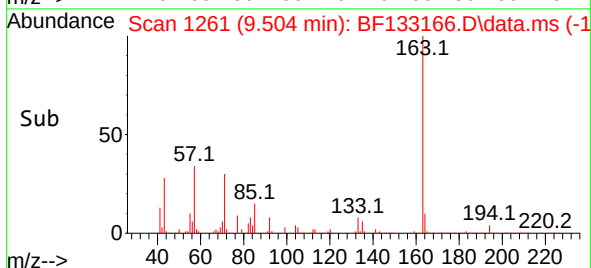
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

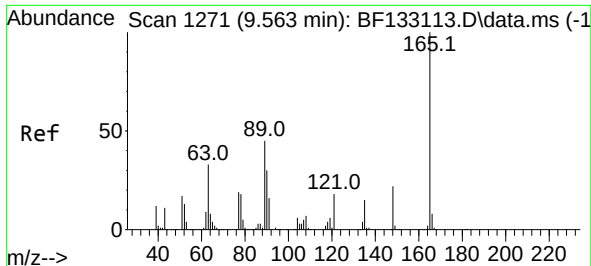


#50
Dimethylphthalate
Concen: 44.223 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42



Tgt Ion:163 Resp: 1189926
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 10.3 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 49.093 ng

RT: 9.563 min Scan# 1271

Delta R.T. 0.006 min

Lab File: BF133166.D

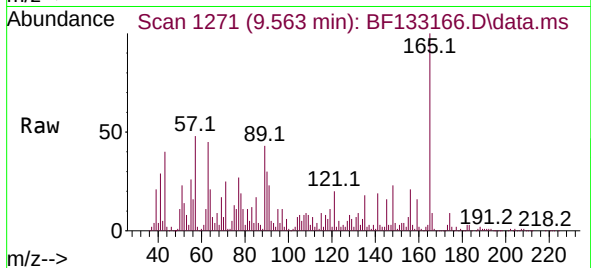
Acq: 01 May 2023 20:42

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MSD



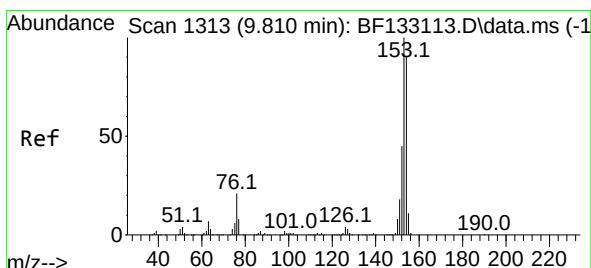
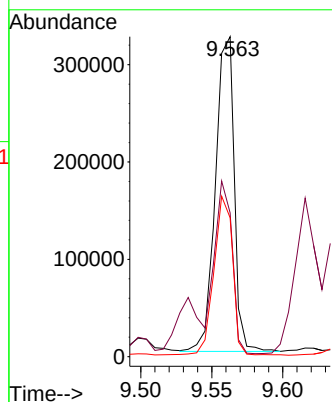
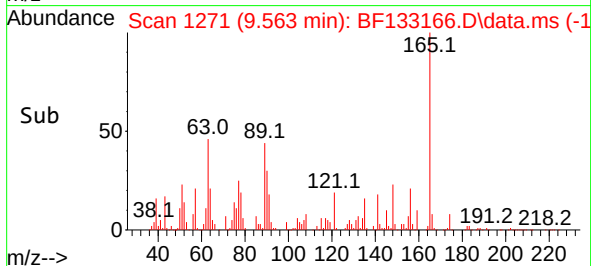
Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.9	45.9	68.9
89	43.4	44.0	66.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#52

Acenaphthene

Concen: 44.958 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.006 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

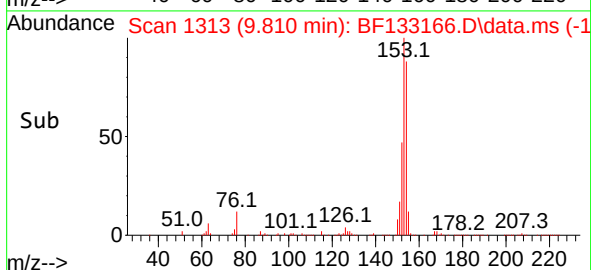
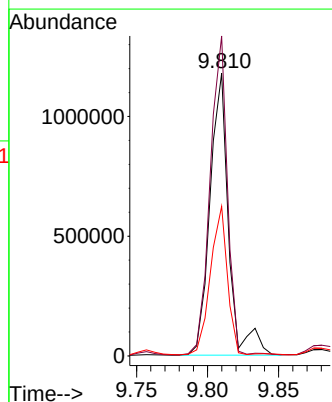
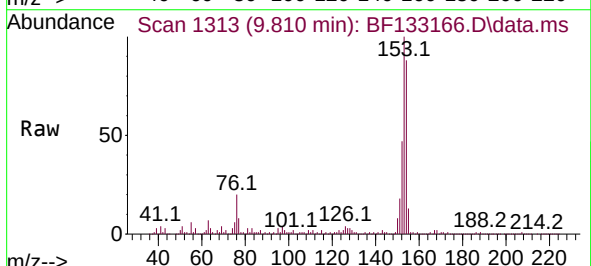
Tgt Ion:154 Resp: 1077566

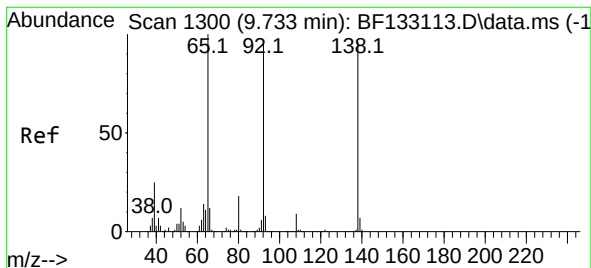
Ion Ratio Lower Upper

154 100

153 113.2 89.0 133.6

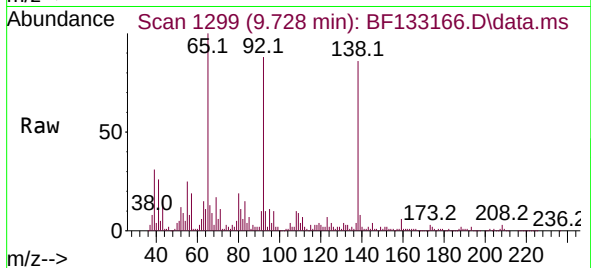
152 52.9 40.4 60.6





#53
3-Nitroaniline
Concen: 37.874 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

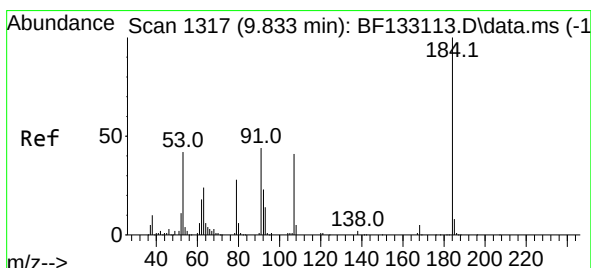
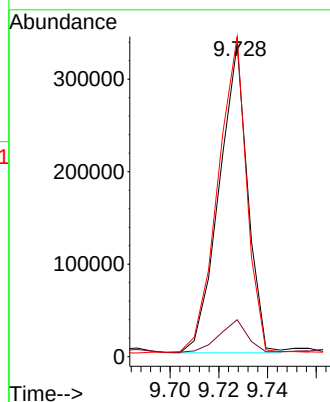
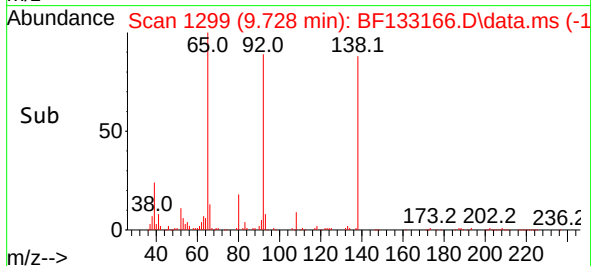
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion:138 Resp: 272724
Ion Ratio Lower Upper
138 100
108 11.8 8.0 12.0
92 102.2 83.6 125.4

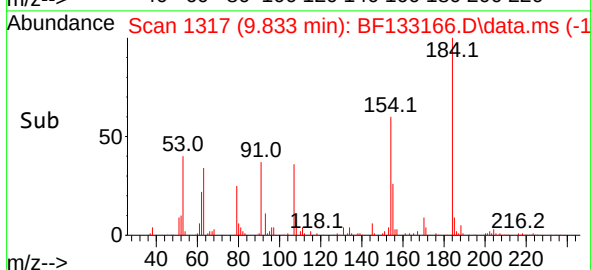
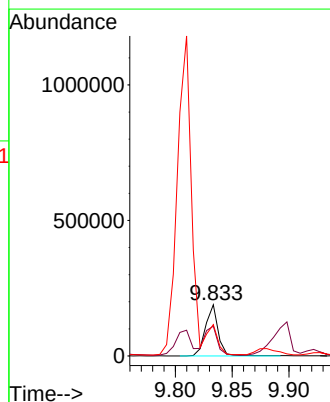
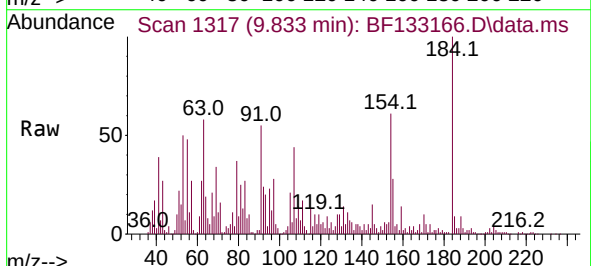
Manual Integrations
APPROVED

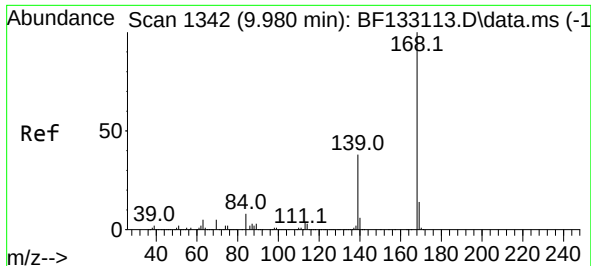
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#54
2,4-Dinitrophenol
Concen: 48.232 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

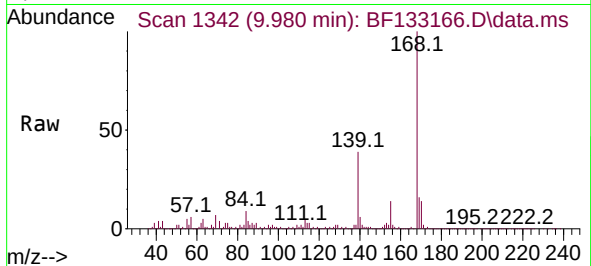
Tgt Ion:184 Resp: 146824
Ion Ratio Lower Upper
184 100
63 58.1 49.8 74.8
154 61.2 49.5 74.3





#55
Dibenzenofuran
Concen: 43.142 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

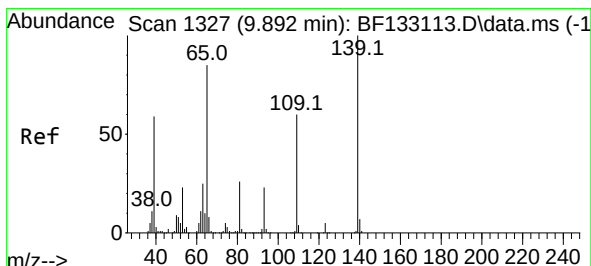
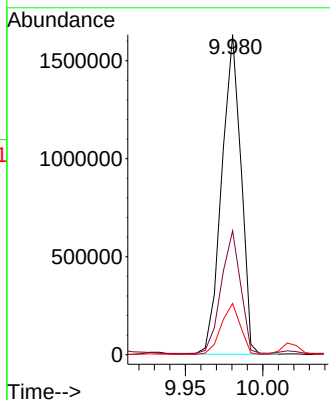
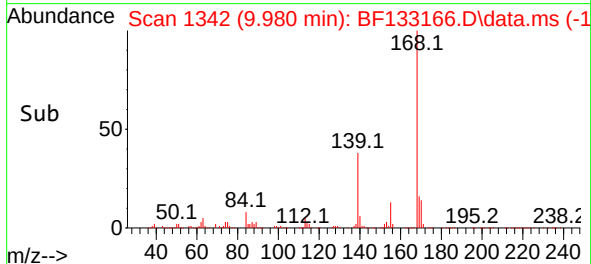
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



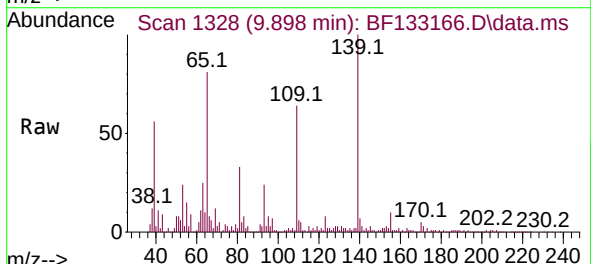
Tgt Ion:168 Resp: 1410518
Ion Ratio Lower Upper
168 100
139 38.7 29.8 44.8
169 16.0 10.8 16.2

Manual Integrations
APPROVED

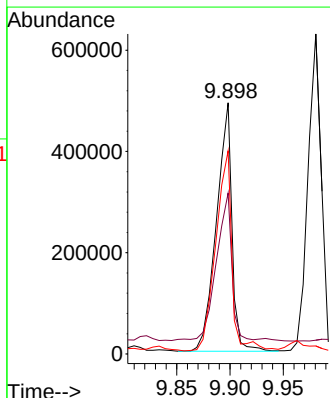
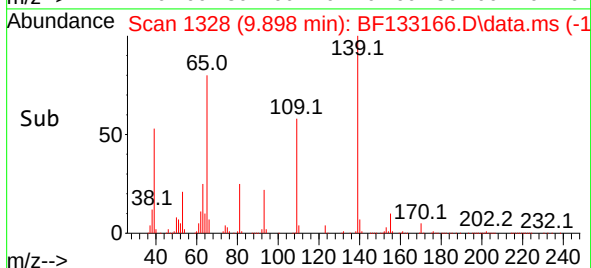
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

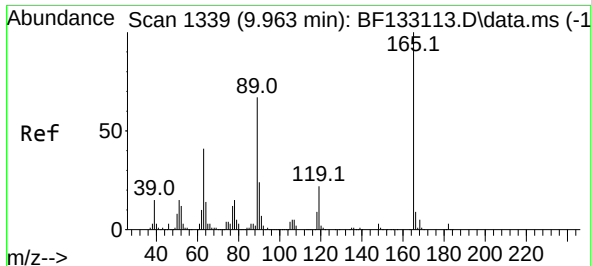


#56
4-Nitrophenol
Concen: 88.912 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42



Tgt Ion:139 Resp: 495878
Ion Ratio Lower Upper
139 100
109 64.0 39.4 79.4
65 80.9 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 50.233 ng

RT: 9.963 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MSD

Tgt Ion:165 Resp: 38796

Ion Ratio Lower Upper

165 100

63 42.0 37.7 56.5

89 65.5 57.0 85.4

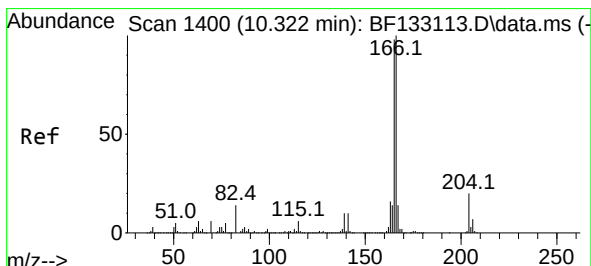
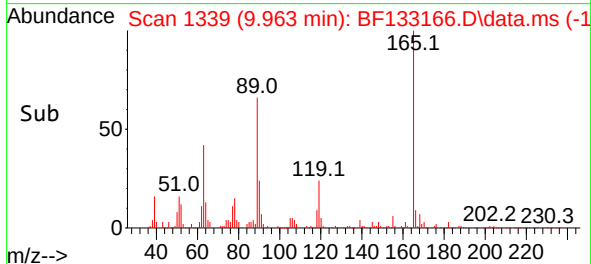
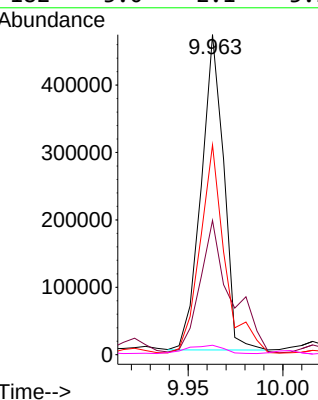
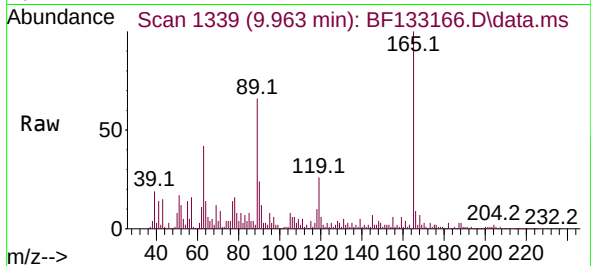
182 3.0 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#58

Fluorene

Concen: 44.954 ng

RT: 10.322 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

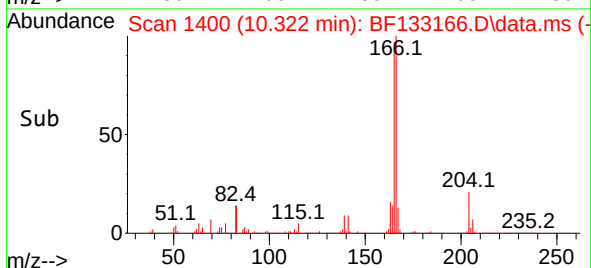
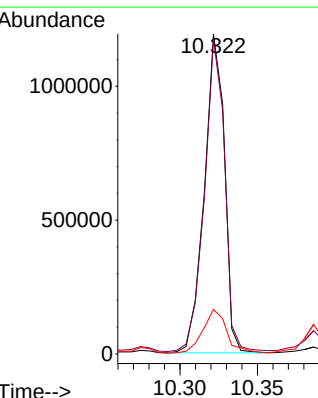
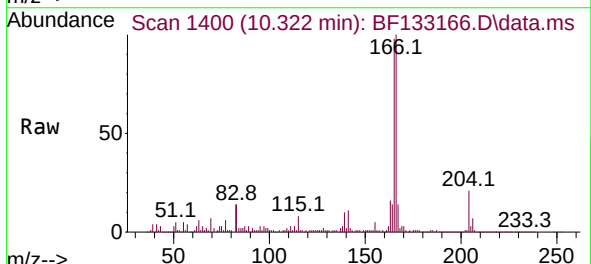
Tgt Ion:166 Resp: 1076799

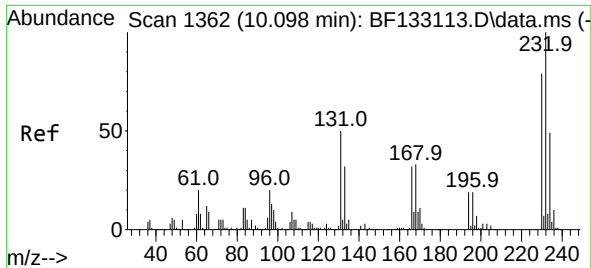
Ion Ratio Lower Upper

166 100

165 98.3 78.6 117.8

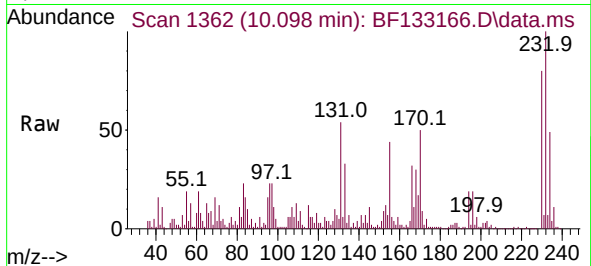
167 14.0 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.161 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

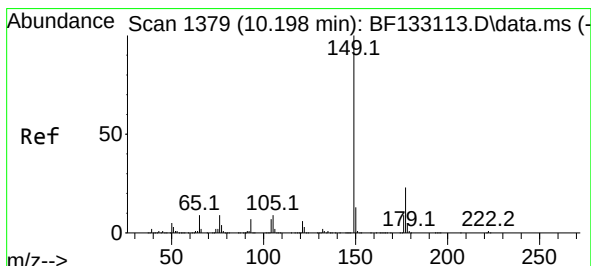
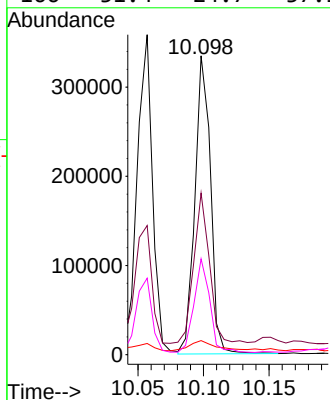
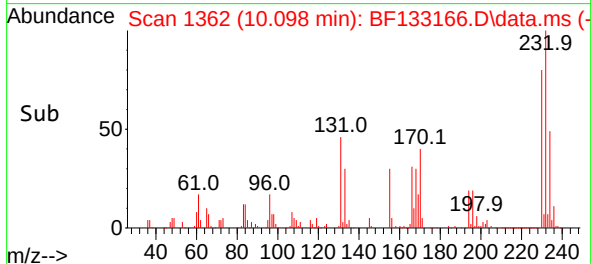
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion:232 Resp: 277670
Ion Ratio Lower Upper
232 100
131 50.6 38.0 57.0
130 5.9 1.8 2.8
166 31.4 24.7 37.1

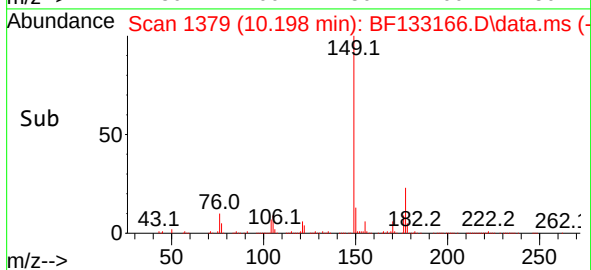
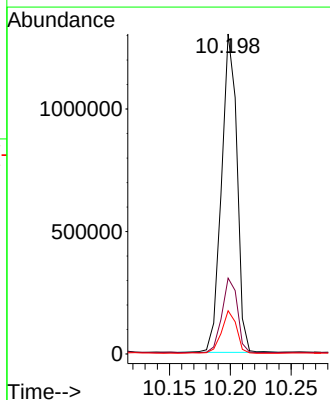
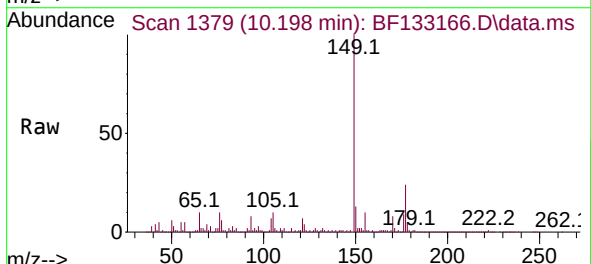
Manual Integrations
APPROVED

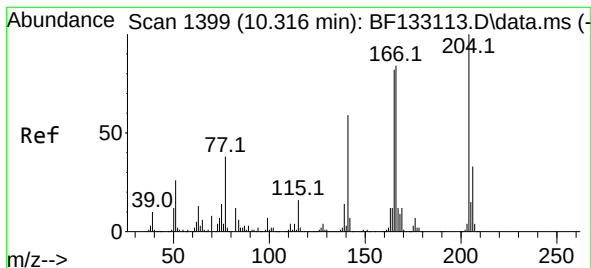
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#60
Diethylphthalate
Concen: 45.366 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

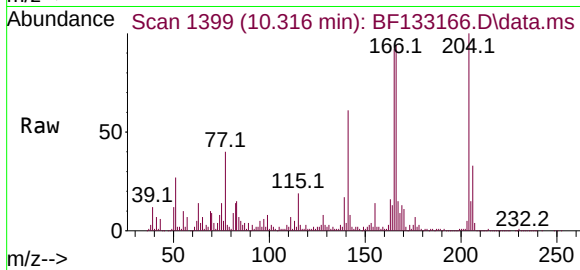
Tgt Ion:149 Resp: 1153012
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.4
150 13.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 43.310 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

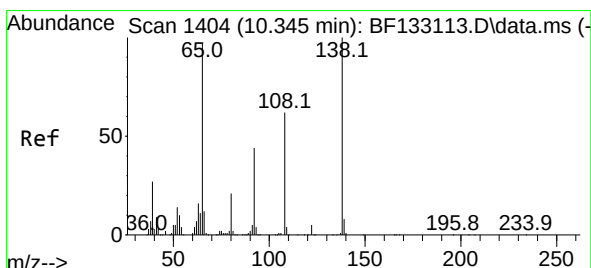
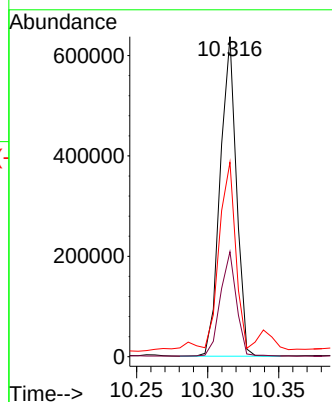
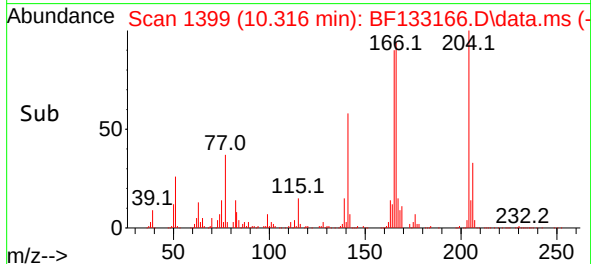
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



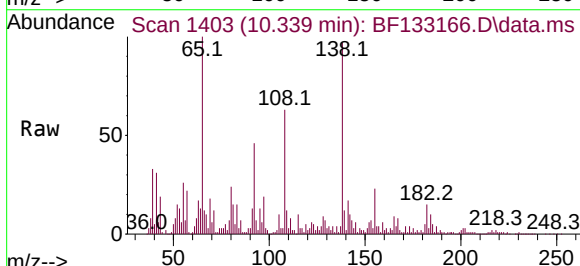
Tgt Ion:204 Resp: 50555
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 60.8 46.1 69.1

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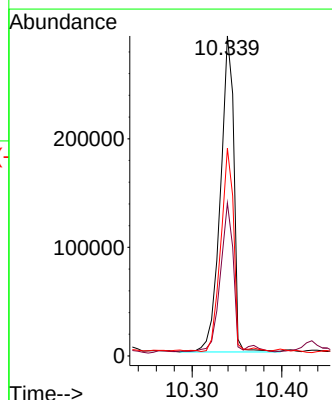
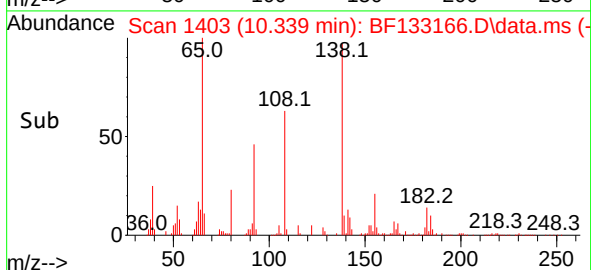
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

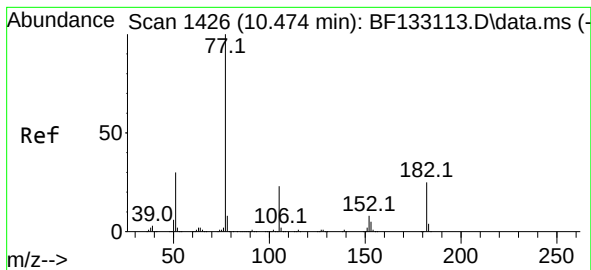


#62
4-Nitroaniline
Concen: 45.862 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42



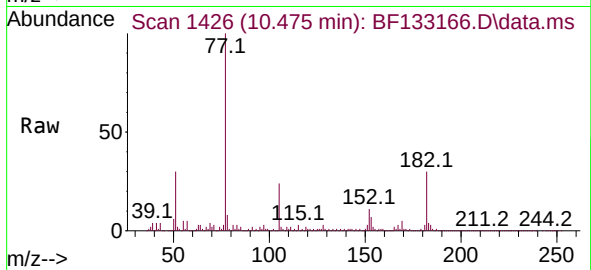
Tgt Ion:138 Resp: 303529
Ion Ratio Lower Upper
138 100
92 47.8 27.7 67.7
108 64.9 45.2 85.2





#63
Azobenzene
Concen: 42.410 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

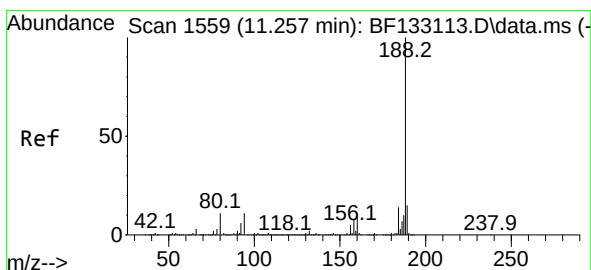
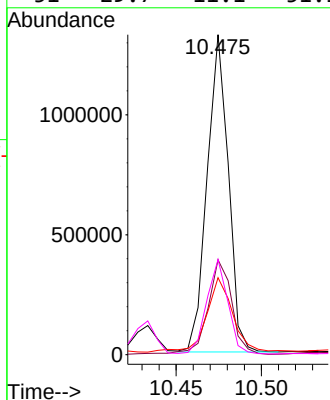
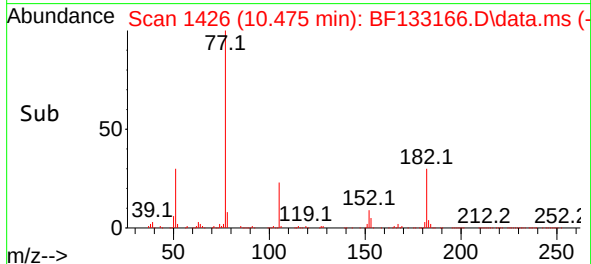
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion: 77 Resp: 114183
Ion Ratio Lower Upper
77 100
182 29.7 5.9 45.9
105 24.1 2.3 42.3
51 29.7 11.1 51.1

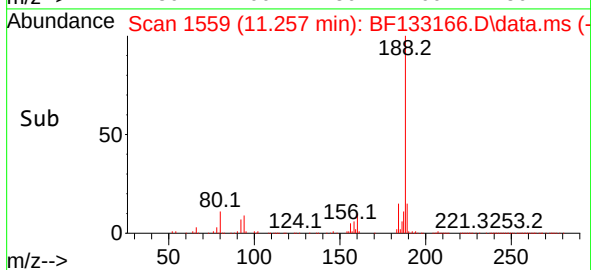
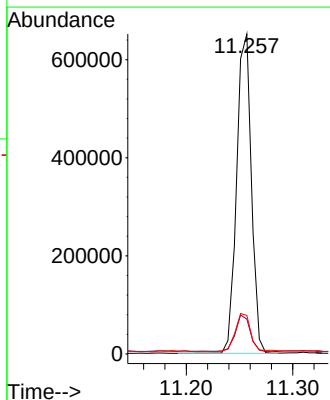
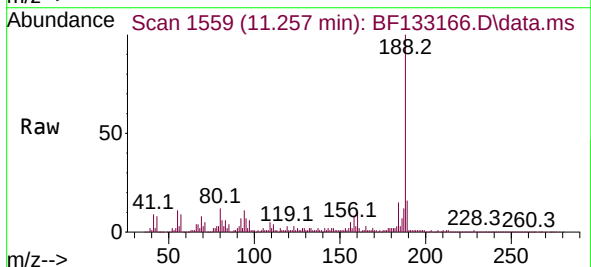
Manual Integrations
APPROVED

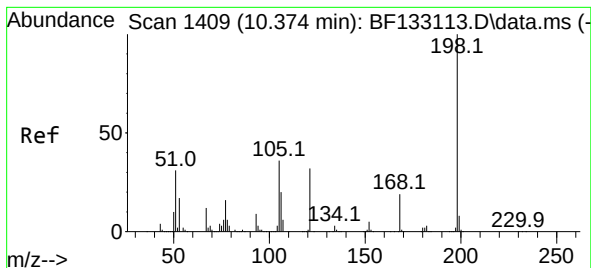
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

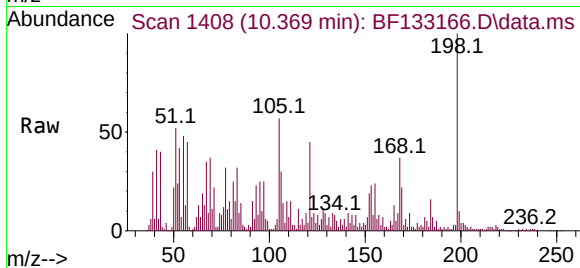
Tgt Ion:188 Resp: 626938
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 12.1 10.4 15.6





#65
4,6-Dinitro-2-methylphenol
Concen: 34.954 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

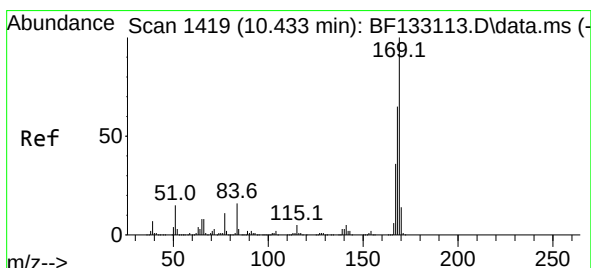
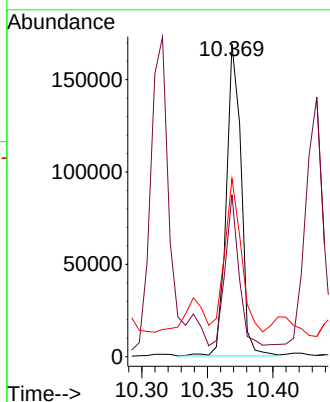
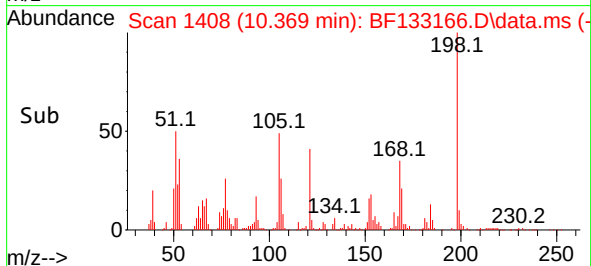
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion:198 Resp: 132820
Ion Ratio Lower Upper
198 100
51 51.8 15.5 55.5
105 57.0 16.7 56.7

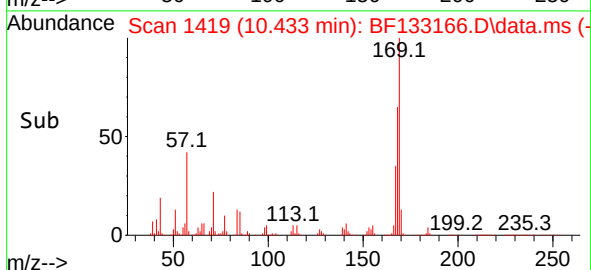
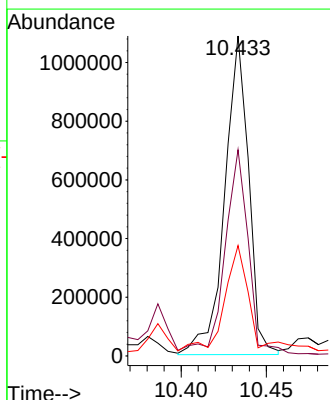
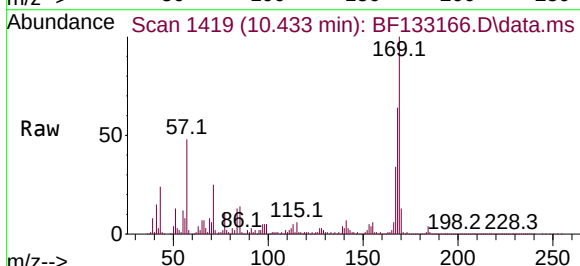
Manual Integrations
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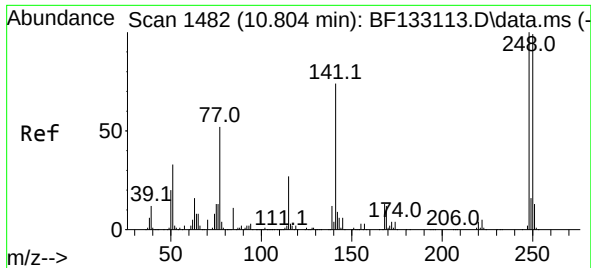
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#66
n-Nitrosodiphenylamine
Concen: 52.124 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

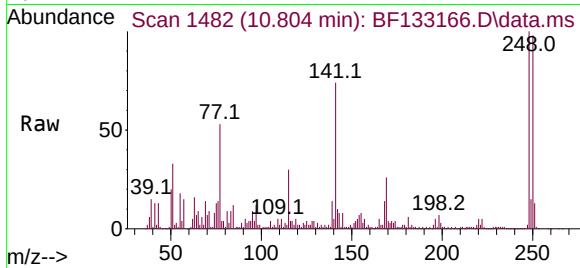
Tgt Ion:169 Resp: 1060017
Ion Ratio Lower Upper
169 100
168 64.4 53.8 80.8
167 34.5 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 47.612 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

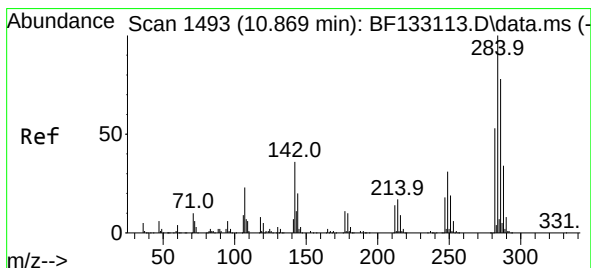
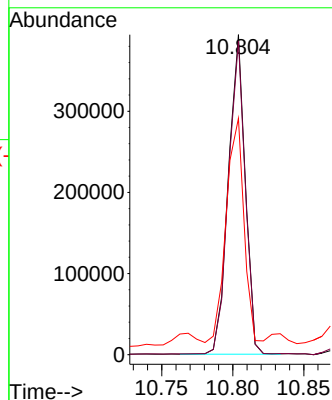
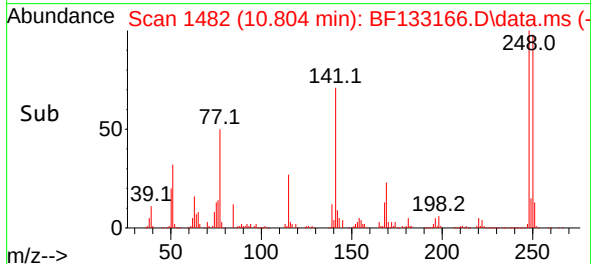
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion:248 Resp: 323739
Ion Ratio Lower Upper
248 100
250 98.1 78.7 118.1
141 73.9 56.3 84.5

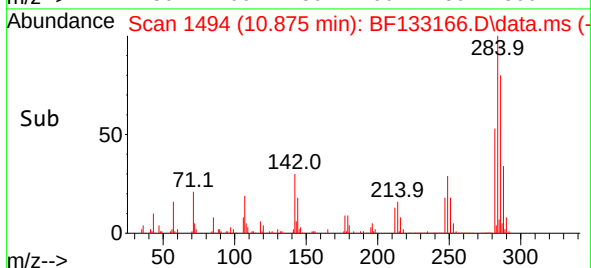
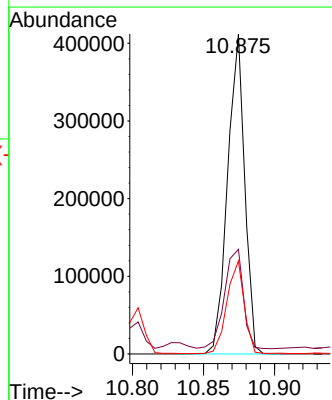
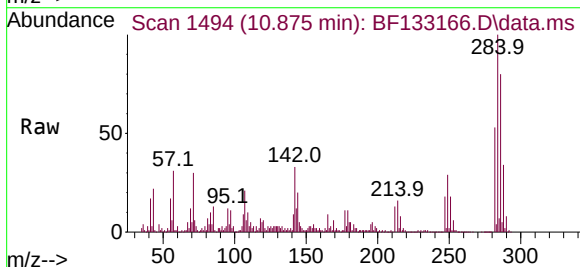
Manual Integrations
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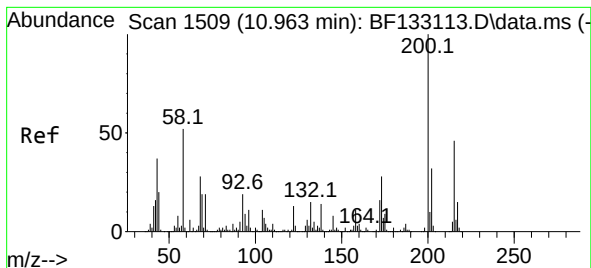
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#68
Hexachlorobenzene
Concen: 49.331 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

Tgt Ion:284 Resp: 343706
Ion Ratio Lower Upper
284 100
142 32.7 26.0 39.0
249 29.0 23.7 35.5





#69

Atrazine

Concen: 58.123 ng

RT: 10.969 min Scan# 1509

Delta R.T. 0.006 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

Instrument :

BNA_F

ClientSampleId :

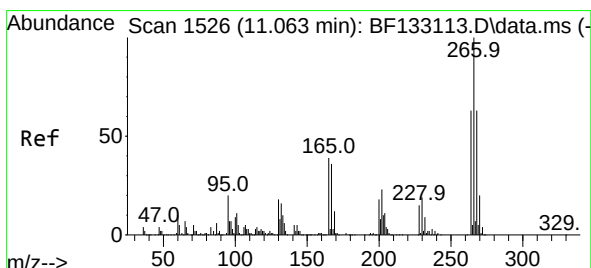
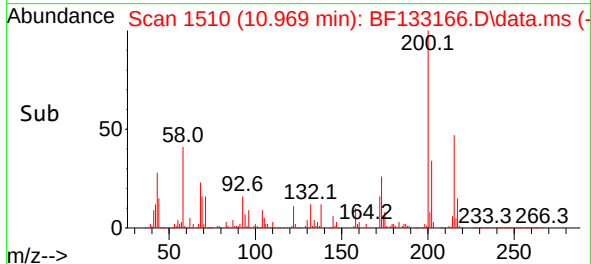
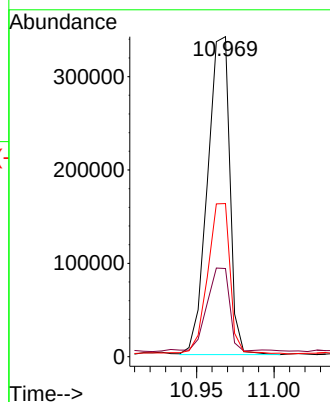
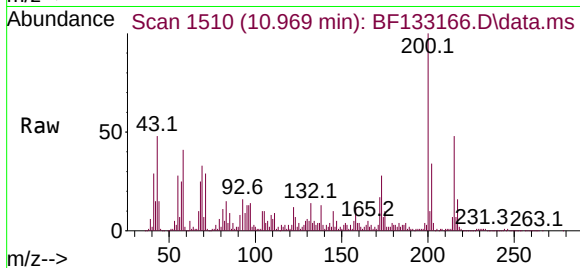
P001-SS011-0006-01MSD

Tgt Ion:200 Resp: 340580
 Ion Ratio Lower Upper
 200 100
 173 27.5 6.2 46.2
 215 47.9 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



#70

Pentachlorophenol

Concen: 71.080 ng

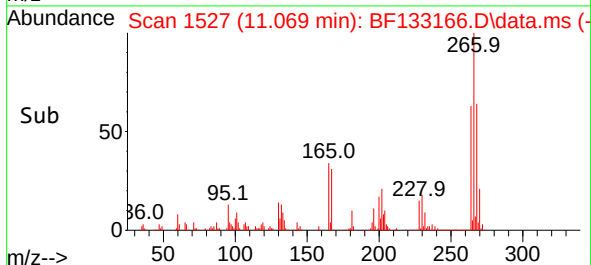
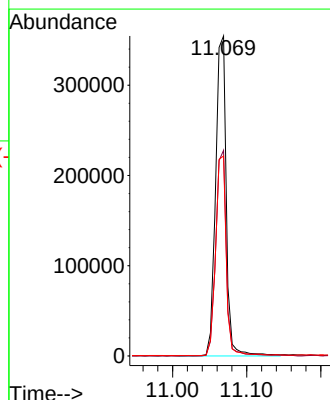
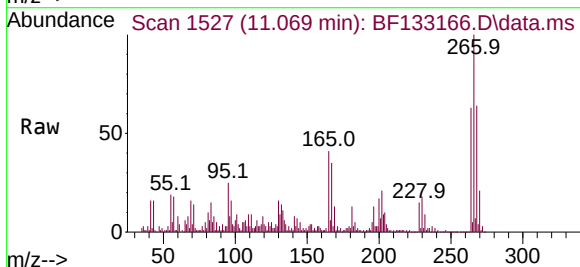
RT: 11.069 min Scan# 1527

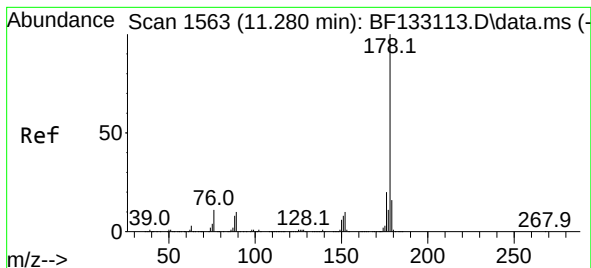
Delta R.T. 0.006 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

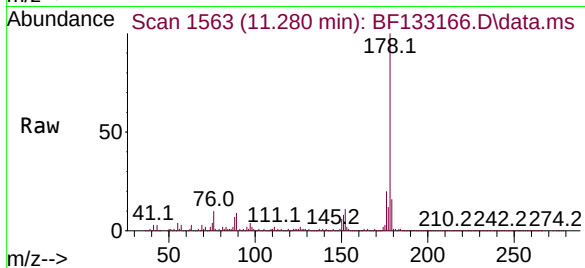
Tgt Ion:266 Resp: 352709
 Ion Ratio Lower Upper
 266 100
 268 64.3 48.8 73.2
 264 62.5 50.6 76.0





#71
Phenanthrene
Concen: 48.428 ng
RT: 11.280 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

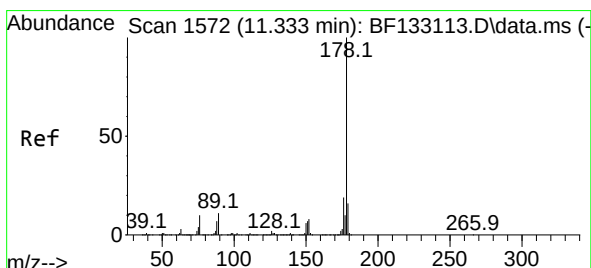
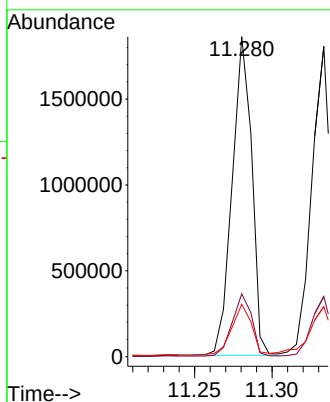
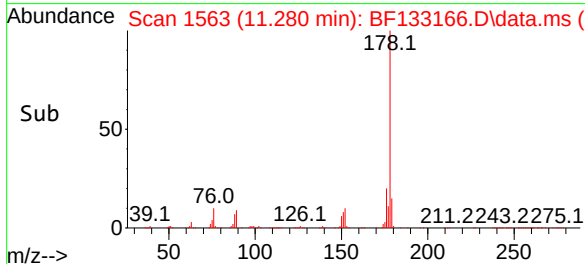
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion:178 Resp: 1631820
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 16.3 12.5 18.7

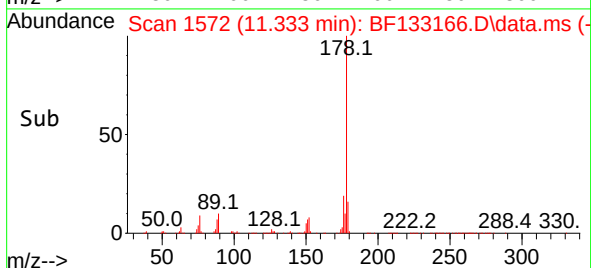
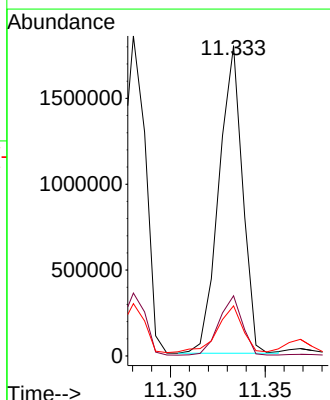
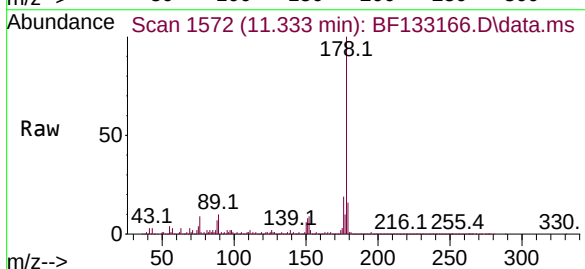
Manual Integrations
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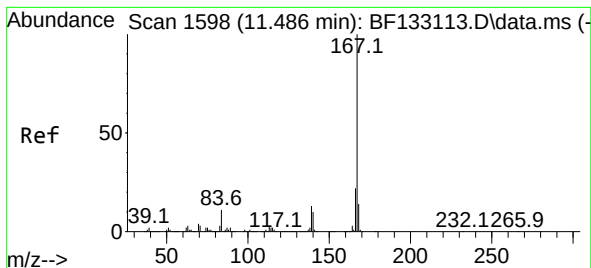
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#72
Anthracene
Concen: 45.124 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

Tgt Ion:178 Resp: 1556079
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.1 12.4 18.6





#73

Carbazole

Concen: 45.115 ng

RT: 11.486 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF133166.D

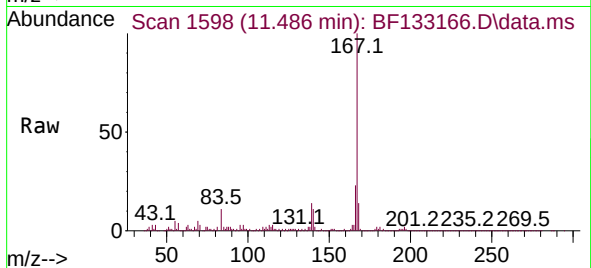
Acq: 01 May 2023 20:42

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MSD



Tgt Ion:167 Resp: 1385298

Ion Ratio Lower Upper

167 100

166 22.7 17.4 26.0

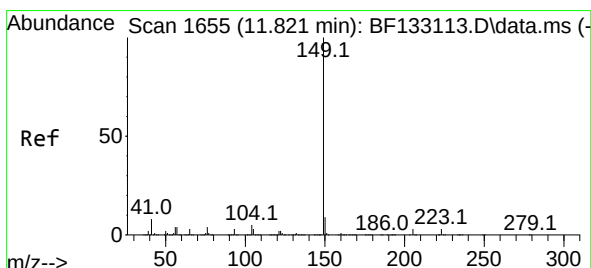
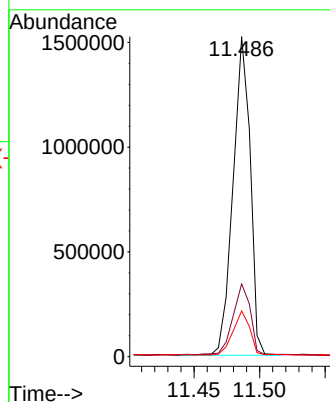
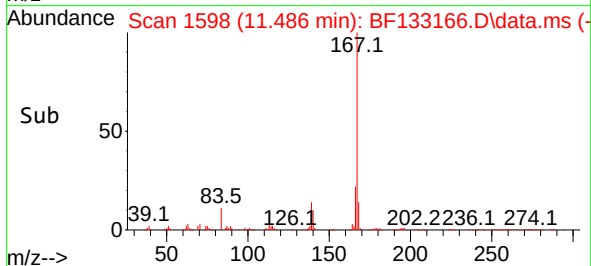
139 14.3 10.6 16.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#74

Di-n-butylphthalate

Concen: 47.702 ng

RT: 11.822 min Scan# 1655

Delta R.T. 0.000 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

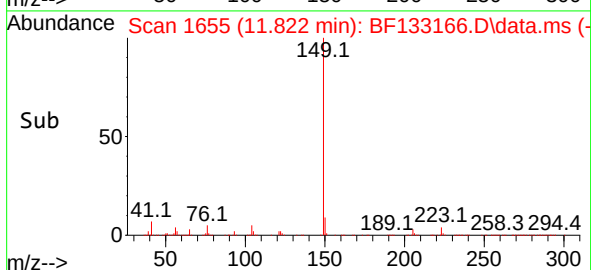
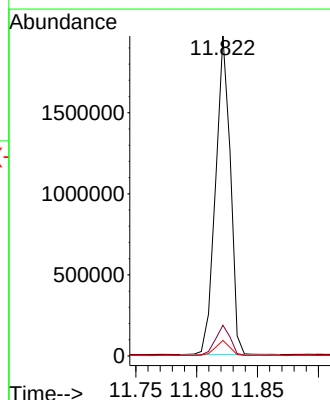
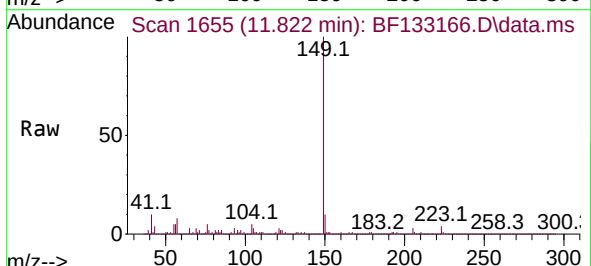
Tgt Ion:149 Resp: 1657571

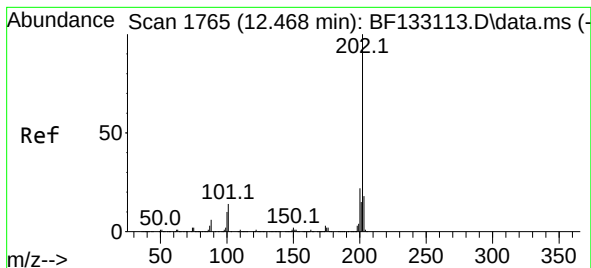
Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

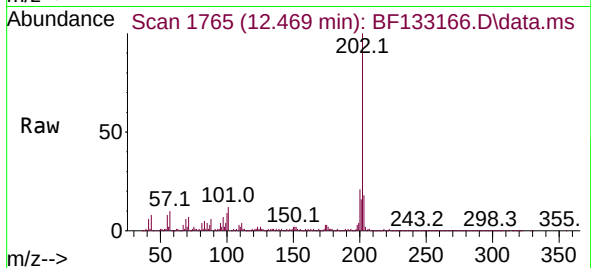
104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 38.574 ng
RT: 12.469 min Scan# 1765
Delta R.T. 0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

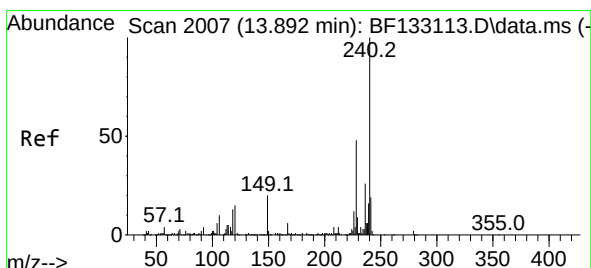
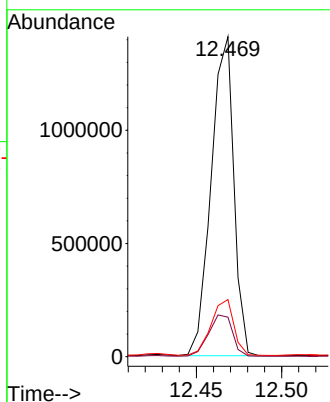
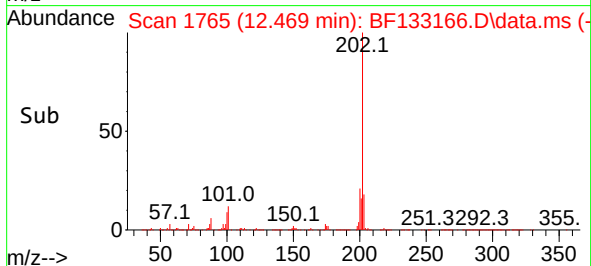
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion:202 Resp: 130447
Ion Ratio Lower Upper
202 100
101 12.3 0.0 35.3
203 17.9 0.0 38.1

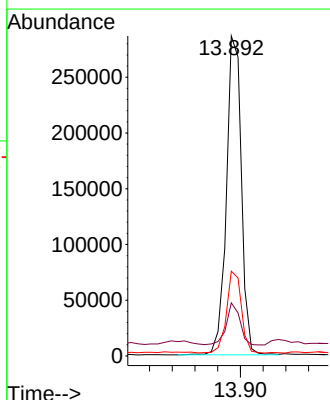
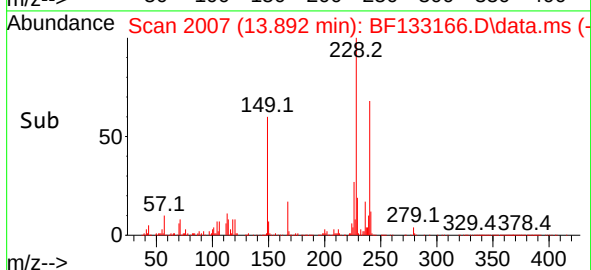
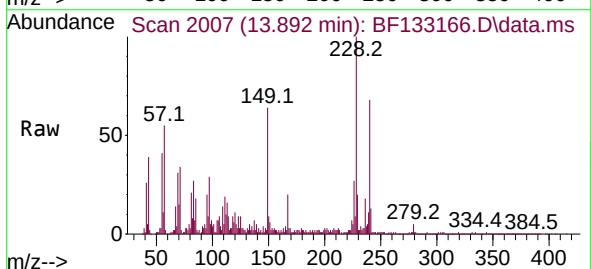
Manual Integrations
APPROVED

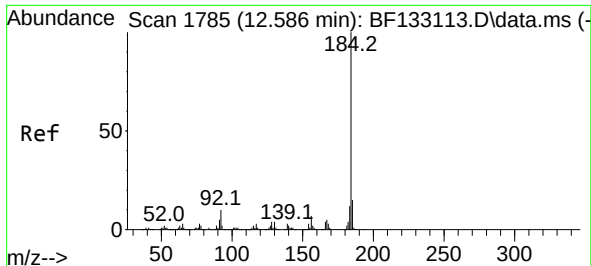
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

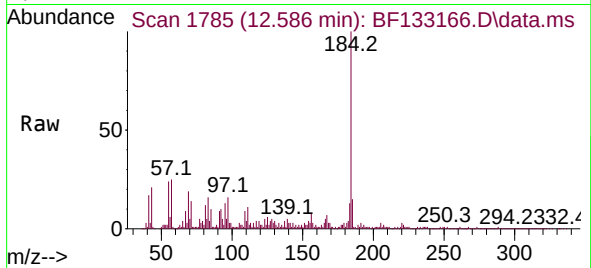
Tgt Ion:240 Resp: 262134
Ion Ratio Lower Upper
240 100
120 16.6 10.5 15.7#
236 26.5 21.5 32.3





#77
Benzidine
Concen: 102.118 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

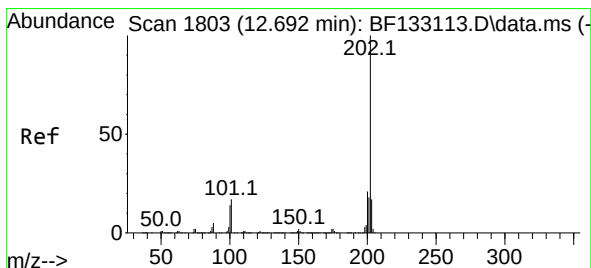
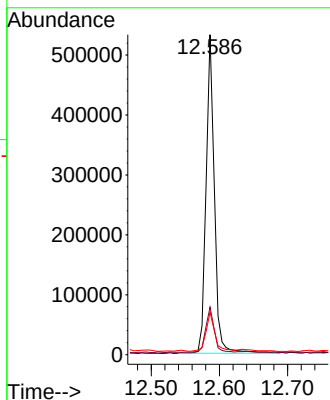
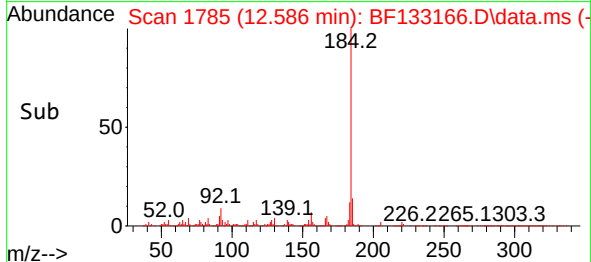
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



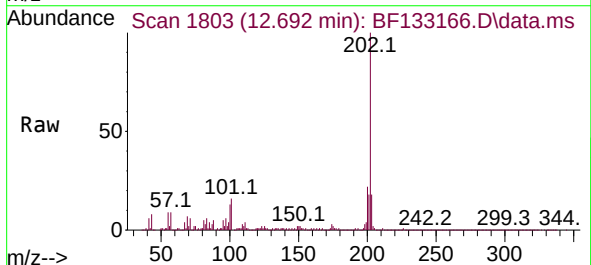
Tgt Ion:184 Resp: 452670
Ion Ratio Lower Upper
184 100
185 14.9 15.4 23.2
183 13.2 9.4 14.0

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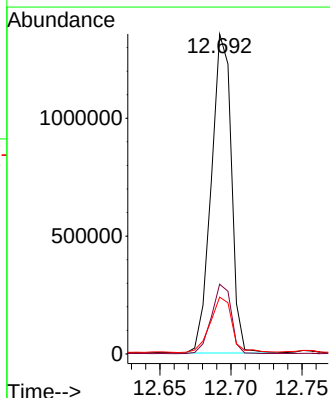
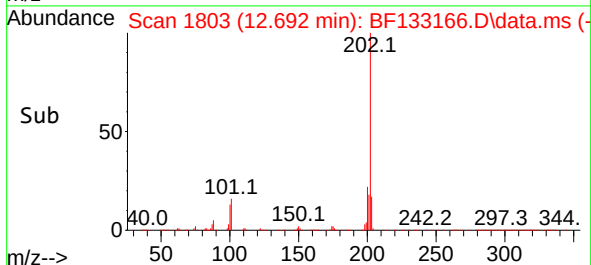
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

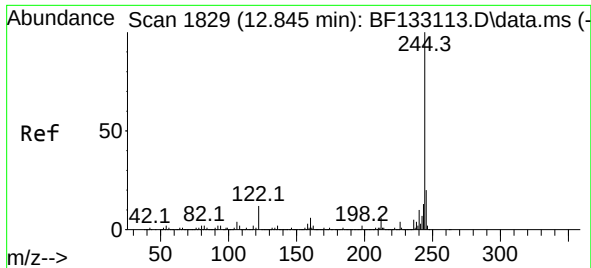


#78
Pyrene
Concen: 59.366 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42



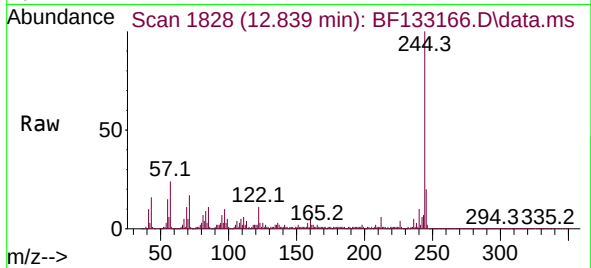
Tgt Ion:202 Resp: 1334006
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 17.8 14.1 21.1





#79
Terphenyl-d14
Concen: 49.000 ng
RT: 12.839 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

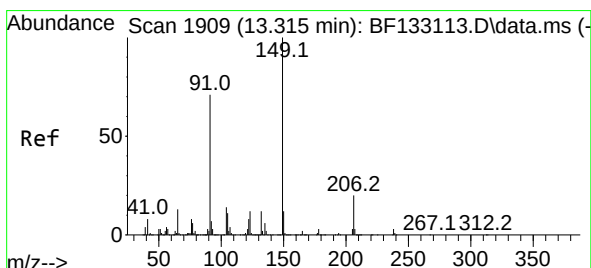
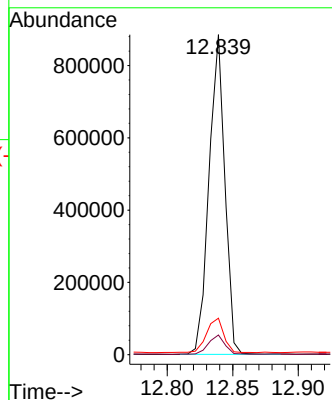
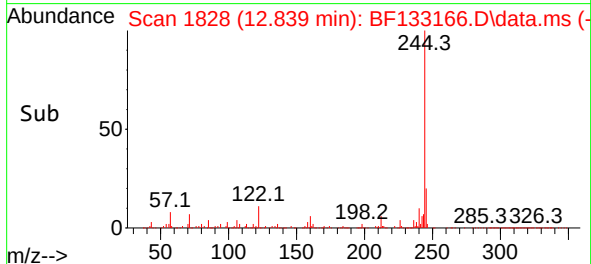
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion:244 Resp: 74475
Ion Ratio Lower Upper
244 100
212 6.1 5.1 7.7
122 11.4 8.6 13.0

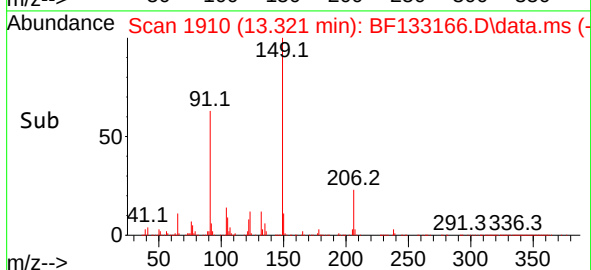
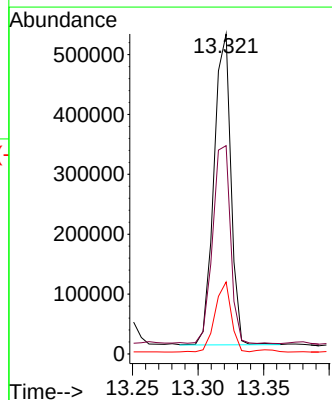
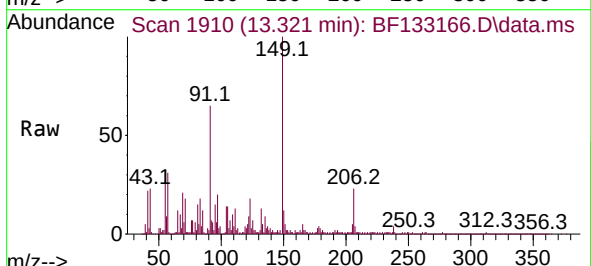
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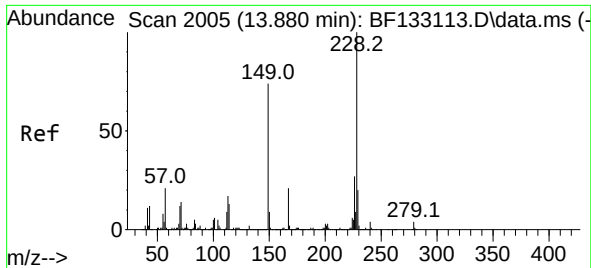
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#80
Butylbenzylphthalate
Concen: 58.782 ng
RT: 13.321 min Scan# 1910
Delta R.T. 0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

Tgt Ion:149 Resp: 467688
Ion Ratio Lower Upper
149 100
91 65.1 53.8 80.6
206 22.5 17.5 26.3





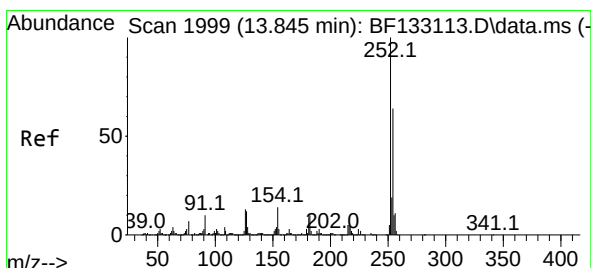
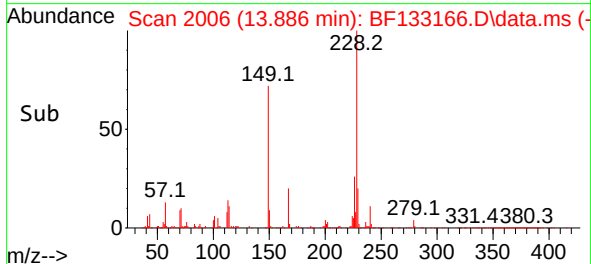
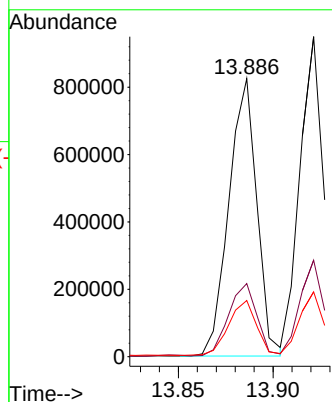
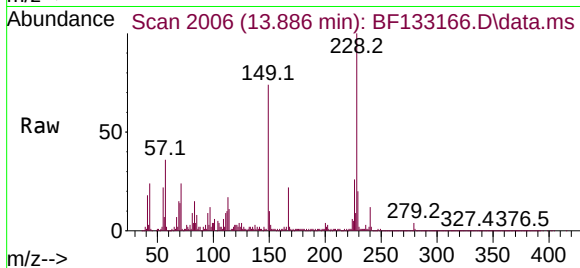
#81
Benzo(a)anthracene
Concen: 46.892 ng
RT: 13.886 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD

Tgt Ion:228 Resp: 84528
Ion Ratio Lower Upper
228 100
226 26.3 22.2 33.4
229 20.2 16.0 24.0

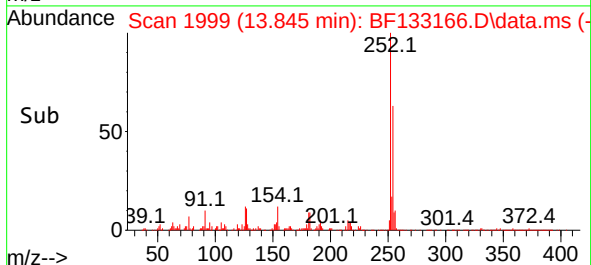
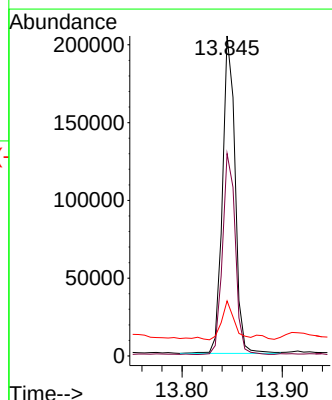
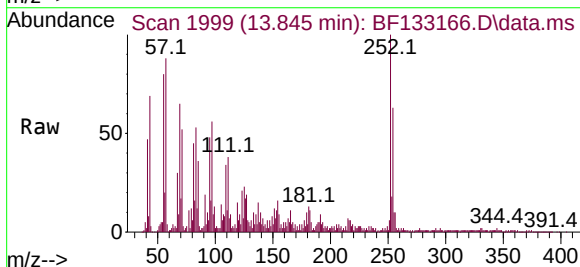
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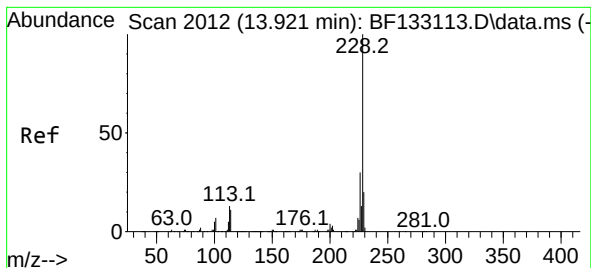
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#82
3,3'-Dichlorobenzidine
Concen: 35.702 ng
RT: 13.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

Tgt Ion:252 Resp: 177787
Ion Ratio Lower Upper
252 100
254 63.3 51.5 77.3
126 17.2 9.5 14.3#





#83

Chrysene

Concen: 45.438 ng

RT: 13.921 min Scan# 2012

Delta R.T. 0.006 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

Instrument :

BNA_F

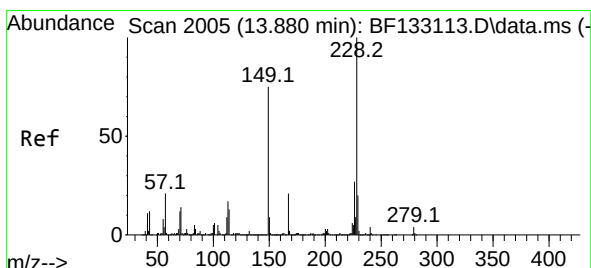
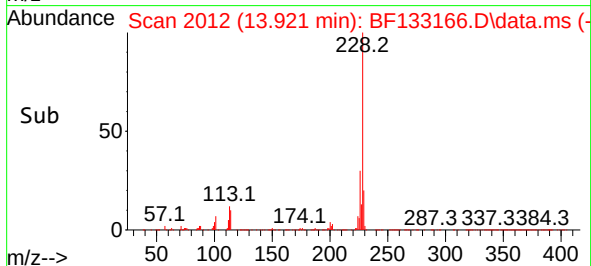
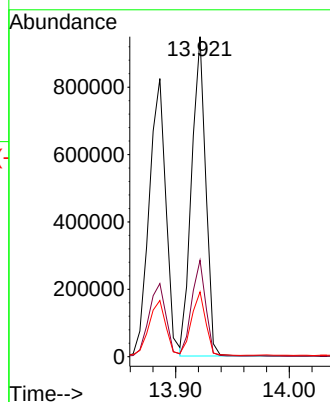
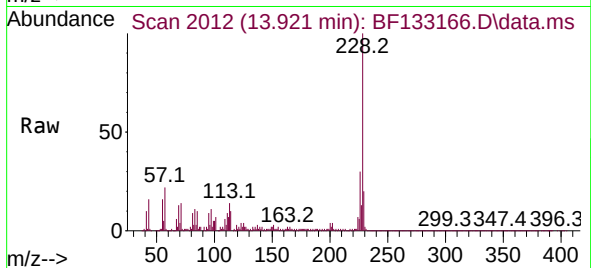
ClientSampleId :

P001-SS011-0006-01MSD

Tgt Ion:228 Resp: 81886
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.7 37.1
 229 20.2 16.1 24.1

Manual Integrations
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Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.388 ng

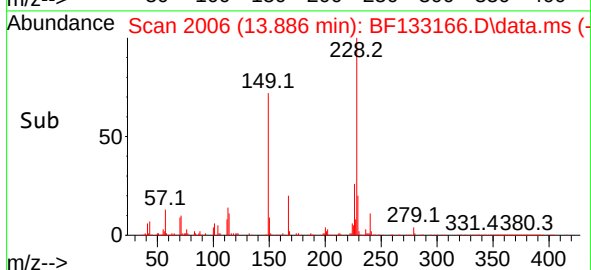
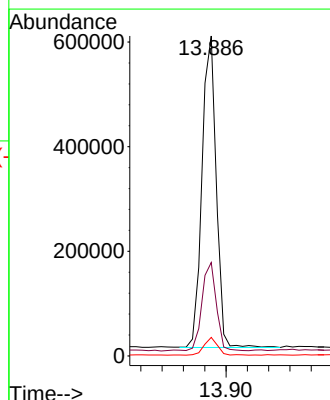
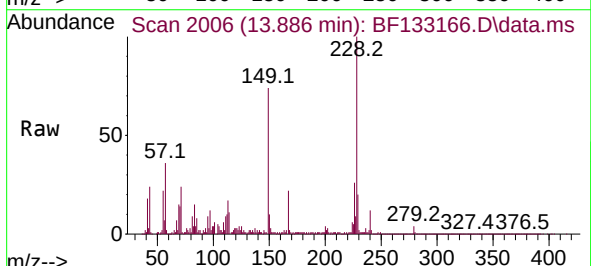
RT: 13.886 min Scan# 2006

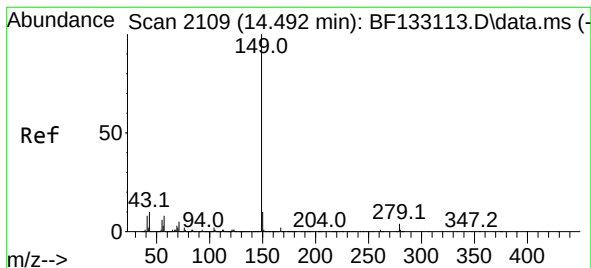
Delta R.T. 0.006 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

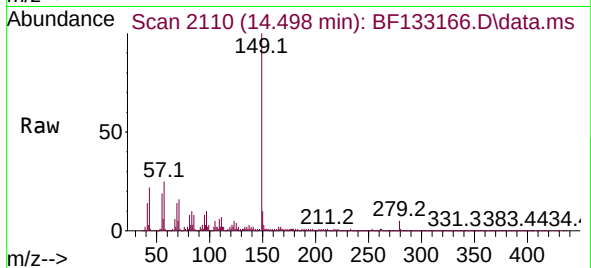
Tgt Ion:149 Resp: 553146
 Ion Ratio Lower Upper
 149 100
 167 29.2 22.5 33.7
 279 5.8 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 60.438 ng
RT: 14.498 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

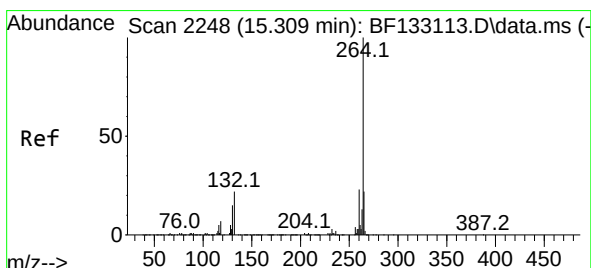
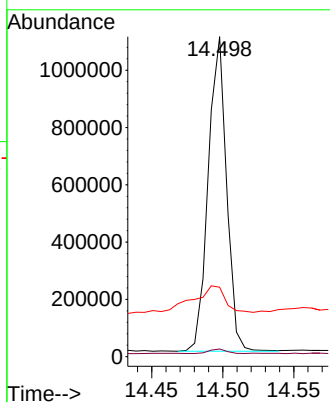
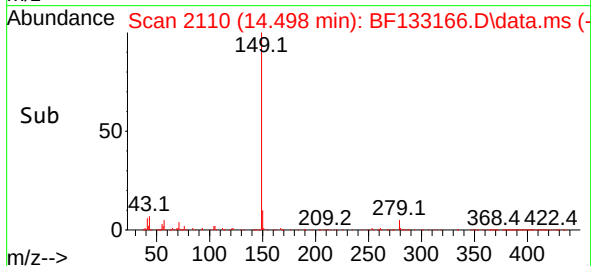
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



Tgt Ion:149 Resp: 984160
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 16.6 9.5 14.3

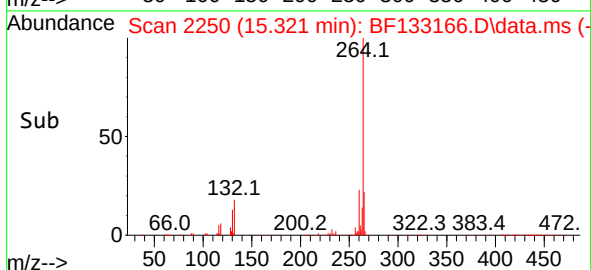
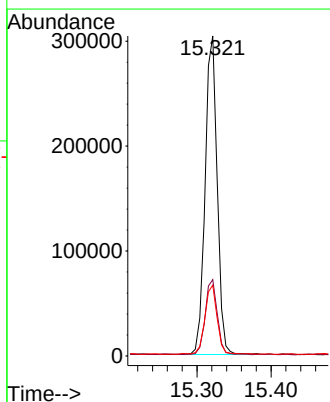
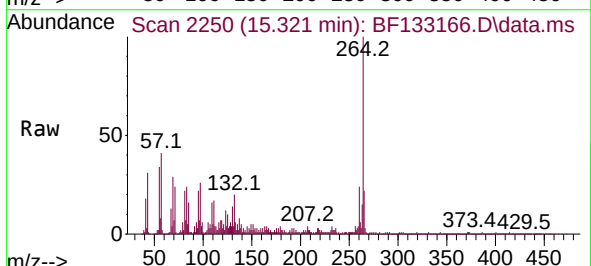
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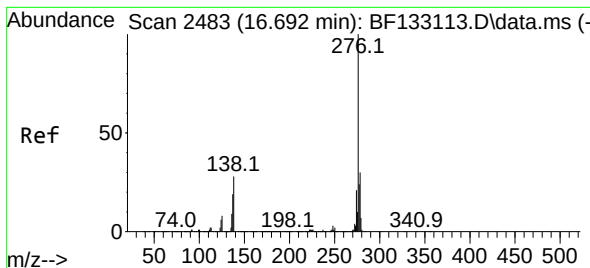
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

Tgt Ion:264 Resp: 345048
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 22.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.474 ng

RT: 16.704 min Scan# 2483

Delta R.T. 0.018 min

Lab File: BF133166.D

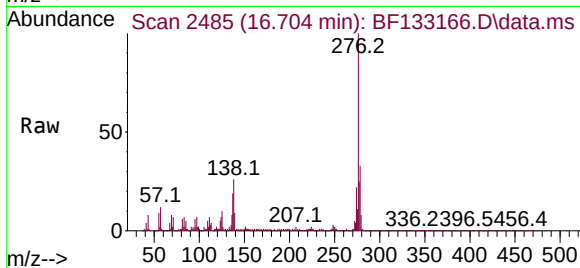
Acq: 01 May 2023 20:42

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MSD



Tgt Ion:276 Resp: 106915

Ion Ratio Lower Upper

276 100

138 29.0 25.5 38.3

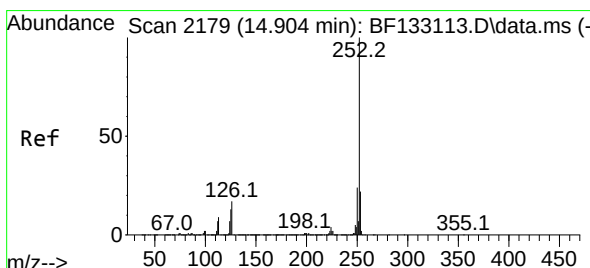
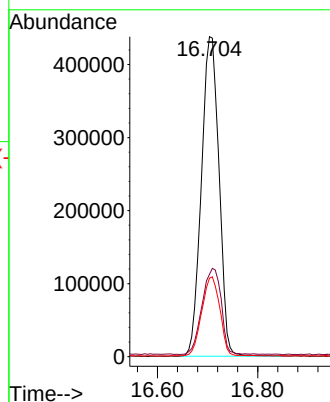
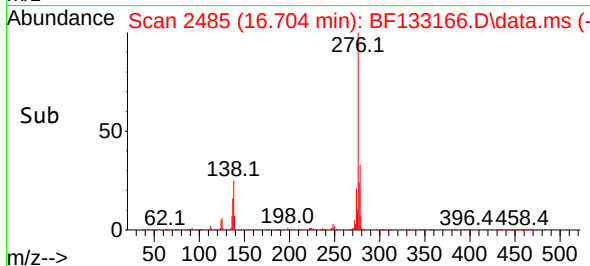
277 25.5 20.4 30.6

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#88

Benzo(b)fluoranthene

Concen: 43.687 ng

RT: 14.915 min Scan# 2181

Delta R.T. 0.012 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

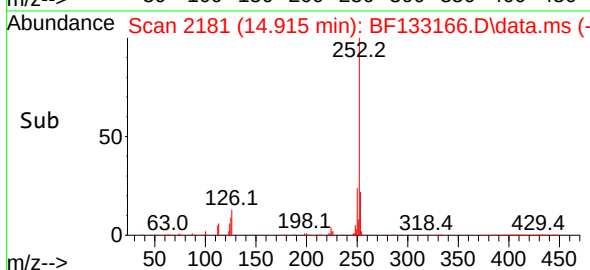
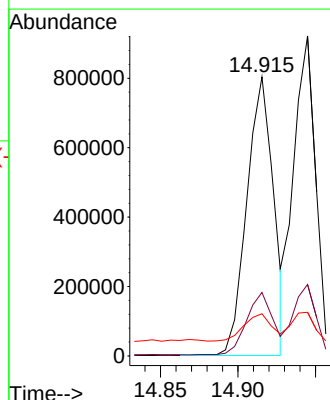
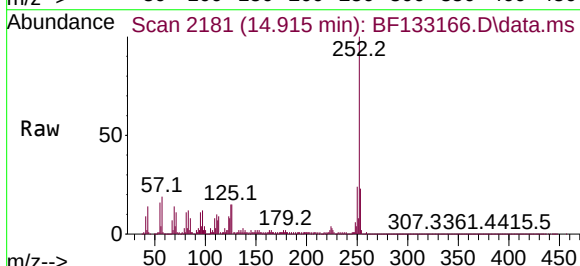
Tgt Ion:252 Resp: 958999

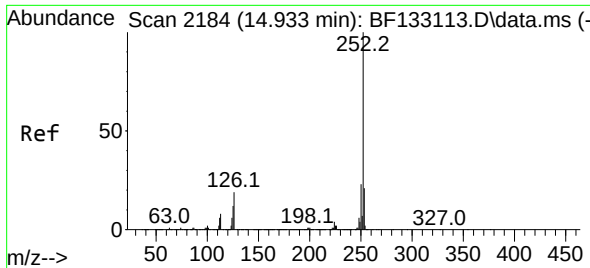
Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

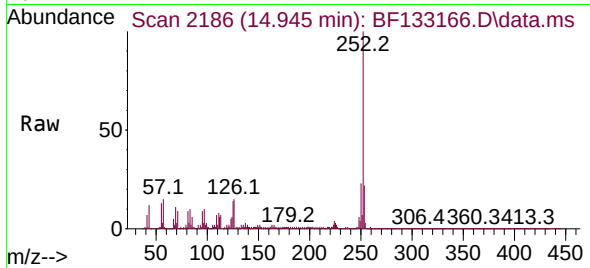
125 15.1 8.9 13.3#





#89
Benzo(k)fluoranthene
Concen: 41.986 ng
RT: 14.945 min Scan# 2184
Delta R.T. 0.012 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42

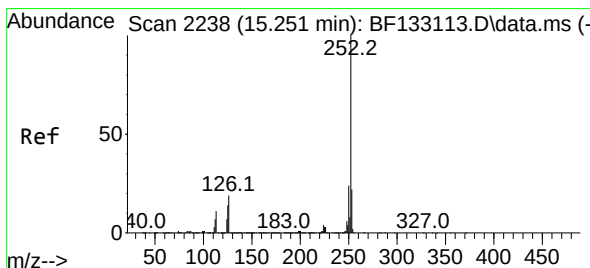
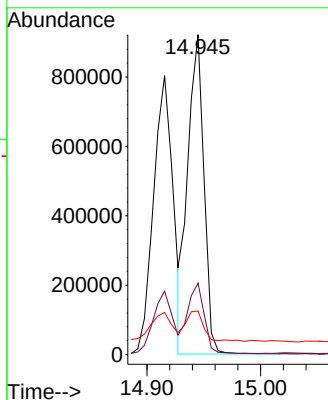
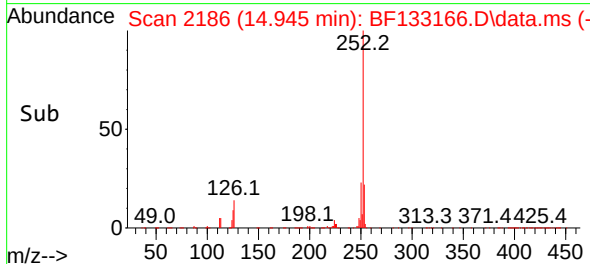
Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-01MSD



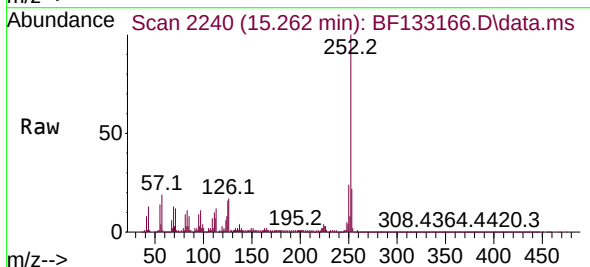
Tgt Ion:252 Resp: 913634
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 13.7 9.0 13.4

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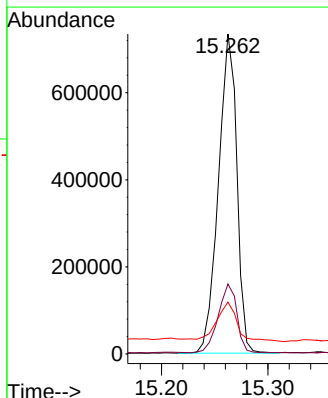
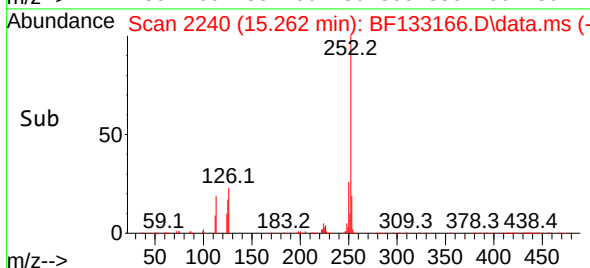
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

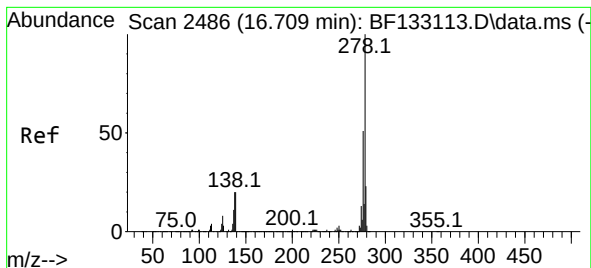


#90
Benzo(a)pyrene
Concen: 43.984 ng
RT: 15.262 min Scan# 2240
Delta R.T. 0.012 min
Lab File: BF133166.D
Acq: 01 May 2023 20:42



Tgt Ion:252 Resp: 878823
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 16.2 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 54.344 ng

RT: 16.721 min Scan# 2486

Delta R.T. 0.018 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

Instrument :

BNA_F

ClientSampleId :

P001-SS011-0006-01MSD

Tgt Ion:278 Resp: 88961

Ion Ratio Lower Upper

278 100

139 19.9 16.6 24.8

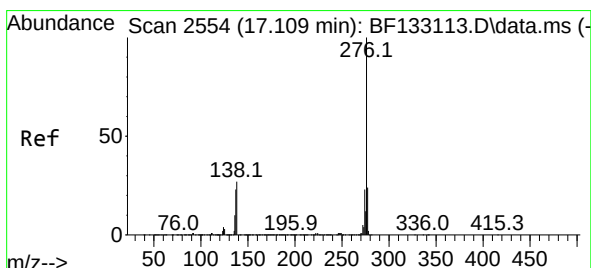
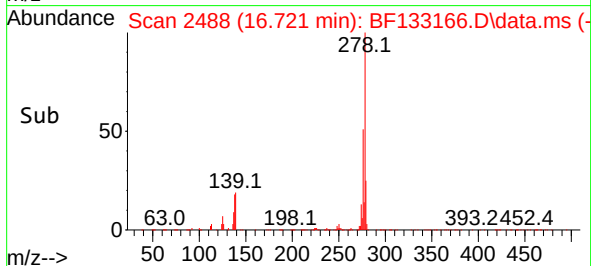
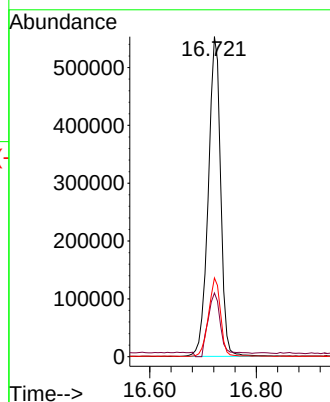
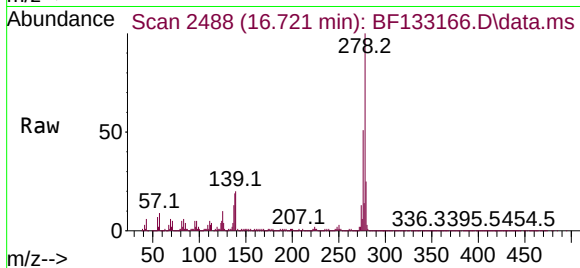
279 24.6 18.8 28.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#92

Benzo(g,h,i)perylene

Concen: 50.959 ng

RT: 17.121 min Scan# 2556

Delta R.T. 0.018 min

Lab File: BF133166.D

Acq: 01 May 2023 20:42

Tgt Ion:276 Resp: 823557

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.0

138 27.2 22.7 34.1

