

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133238.D
 Acq On : 04 May 2023 19:04
 Operator : CG\JU
 Sample : 02598-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MS

Manual Integrations
 APPROVED

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

Quant Time: May 05 05:30:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	204497	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	824339	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	434525	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	771975	20.000	ng	0.00
76) Chrysene-d12	13.880	240	365594	20.000	ng	0.00
86) Perylene-d12	15.292	264	409111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1525687	112.702	ng	0.02
7) Phenol-d6	6.375	99	1760240	104.759	ng	0.00
23) Nitrobenzene-d5	7.298	82	1240681	81.238	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	512291	117.230	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2012415	77.482	ng	0.00
79) Terphenyl-d14	12.833	244	2268672	107.023	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	257004	40.930	ng	# 82
3) Pyridine	3.263	79	522599	31.336	ng	97
4) n-Nitrosodimethylamine	3.193	42	356699	41.293	ng	99
6) Aniline	6.392	93	324494	14.994	ng	# 61
8) 2-Chlorophenol	6.516	128	626505	45.581	ng	94
9) Benzaldehyde	6.275	77	267584	32.053	ng	98
10) Phenol	6.386	94	668969	36.089	ng	94
11) bis(2-Chloroethyl)ether	6.463	93	623401	44.817	ng	99
12) 1,3-Dichlorobenzene	6.669	146	632001	43.248	ng	99
13) 1,4-Dichlorobenzene	6.745	146	639892	43.691	ng	98
14) 1,2-Dichlorobenzene	6.898	146	621819	46.053	ng	98
15) Benzyl Alcohol	6.875	79	530128	45.674	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	973928	40.312	ng	96
17) 2-Methylphenol	6.992	107	510428	40.556	ng	99
18) Hexachloroethane	7.239	117	224049	44.002	ng	99
19) n-Nitroso-di-n-propyla...	7.151	70	416990	39.863	ng	97
20) 3+4-Methylphenols	7.145	107	595402	40.170	ng	92
22) Acetophenone	7.139	105	851039	44.567	ng	# 96
24) Nitrobenzene	7.316	77	647288	41.826	ng	97
25) Isophorone	7.551	82	1221747	42.134	ng	97
26) 2-Nitrophenol	7.628	139	353690	47.384	ng	97
27) 2,4-Dimethylphenol	7.675	122	568998	44.455	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	737134	42.972	ng	99
29) 2,4-Dichlorophenol	7.875	162	517291	44.396	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	539074	44.658	ng	99
31) Naphthalene	8.033	128	1790603	43.446	ng	99
32) Benzoic acid	7.786	122	195102	24.678	ng	98
33) 4-Chloroaniline	8.080	127	88805	5.333	ng	98
34) Hexachlorobutadiene	8.151	225	289967	43.341	ng	98
35) Caprolactam	8.451	113	162812m	41.595	ng	
36) 4-Chloro-3-methylphenol	8.575	107	576030	45.844	ng	99
37) 2-Methylnaphthalene	8.727	142	1181758	41.940	ng	97
38) 1-Methylnaphthalene	8.822	142	1121152	42.533	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	490149	41.953	ng	99
41) Hexachlorocyclopentadiene	8.880	237	540483	79.323	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	357206	44.210	ng	98

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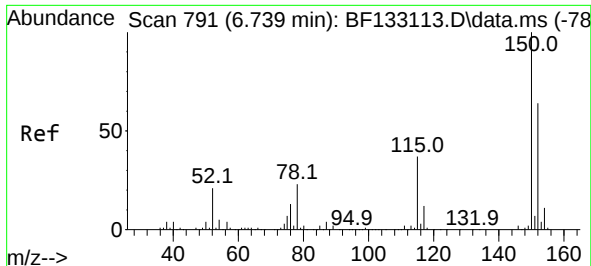
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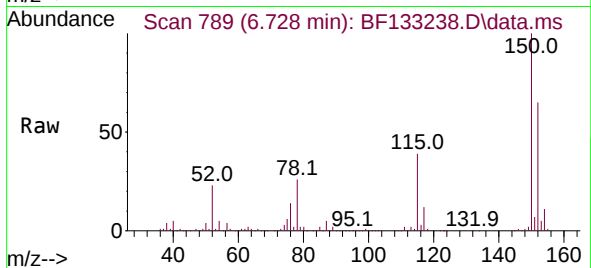
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	384911	41.192	ng	96
46) 1,1'-Biphenyl	9.192	154	1453872	42.195	ng	99
47) 2-Chloronaphthalene	9.216	162	1106418	43.872	ng	99
48) 2-Nitroaniline	9.310	65	359863	43.175	ng	96
49) Acenaphthylene	9.627	152	1710913	42.458	ng	99
50) Dimethylphthalate	9.498	163	1331354	43.941	ng	99
51) 2,6-Dinitrotoluene	9.551	165	315297	46.235	ng	98
52) Acenaphthene	9.798	154	1183837m	43.864	ng	
53) 3-Nitroaniline	9.716	138	171078	21.099	ng	98
54) 2,4-Dinitrophenol	9.827	184	179507	52.368	ng	96
55) Dibenzofuran	9.974	168	1567195	42.569	ng	100
56) 4-Nitrophenol	9.892	139	479121	76.291	ng	89
57) 2,4-Dinitrotoluene	9.957	165	403439	46.390	ng	97
58) Fluorene	10.316	166	1137745	42.182	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.092	232	318343	43.944	ng	99
60) Diethylphthalate	10.192	149	1248345	43.620	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	546179	41.553	ng	96
62) 4-Nitroaniline	10.339	138	341027	45.760	ng	97
63) Azobenzene	10.469	77	1244459	41.048	ng	95
65) 4,6-Dinitro-2-methylph...	10.363	198	164834	35.228	ng	74
66) n-Nitrosodiphenylamine	10.427	169	1066087	42.574	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	352907	42.151	ng	93
68) Hexachlorobenzene	10.863	284	380514	44.353	ng	99
69) Atrazine	10.957	200	366355	50.774	ng	99
70) Pentachlorophenol	11.057	266	413899	67.741	ng	98
71) Phenanthrene	11.274	178	1764575	42.529	ng	100
72) Anthracene	11.327	178	1817274	42.798	ng	98
73) Carbazole	11.480	167	1642556	43.443	ng	99
74) Di-n-butylphthalate	11.816	149	1950403	45.584	ng	99
75) Fluoranthene	12.457	202	1726892	41.471	ng	99
77) Benzidine	12.574	184	507853	82.145	ng	# 93
78) Pyrene	12.686	202	1740397	55.533	ng	99
80) Butylbenzylphthalate	13.310	149	722016	65.066	ng	99
81) Benzo(a)anthracene	13.868	228	1083666	43.104	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	155499	22.390	ng	98
83) Chrysene	13.904	228	1078342	42.903	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	778004	55.858	ng	99
85) Di-n-octyl phthalate	14.480	149	1195051	52.620	ng	98
87) Indeno(1,2,3-cd)pyrene	16.680	276	1301315	55.920	ng	98
88) Benzo(b)fluoranthene	14.892	252	1162570	44.668	ng	98
89) Benzo(k)fluoranthene	14.921	252	976701	37.856	ng	99
90) Benzo(a)pyrene	15.239	252	979261	41.336	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	1082205	55.757	ng	98
92) Benzo(g,h,i)perylene	17.092	276	1030827	53.796	ng	97

(#) = 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. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

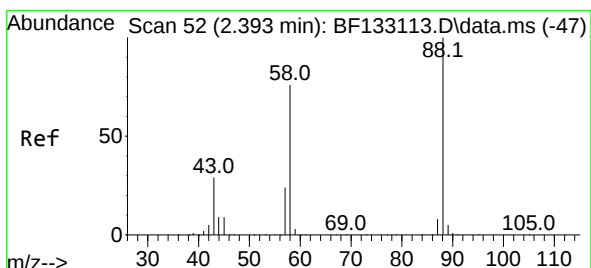
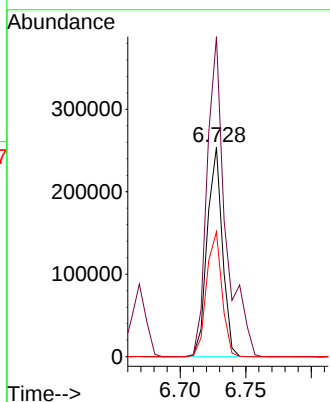
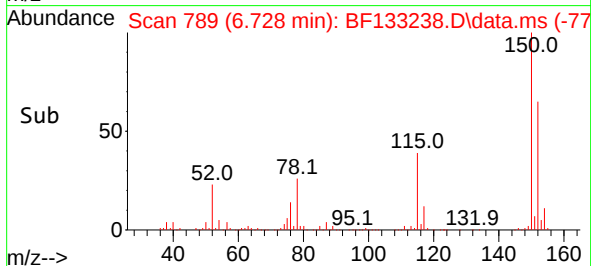
Instrument :
BNA_F
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VNJ-241MS



Tgt Ion:152 Resp: 20449
Ion Ratio Lower Upper
152 100
150 152.8 124.8 187.2
115 59.7 49.9 74.9

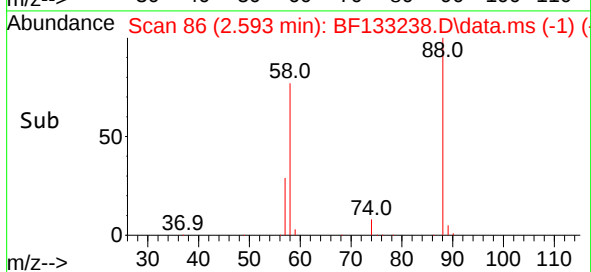
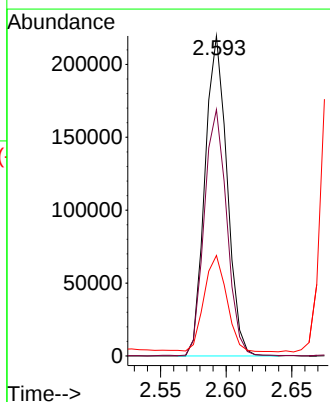
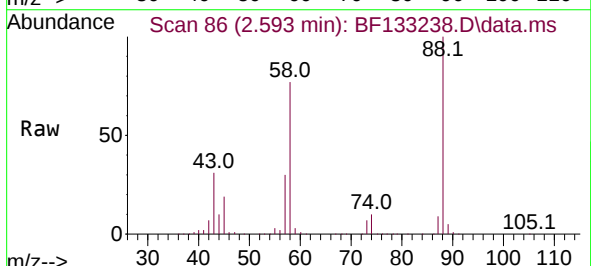
Manual Integrations
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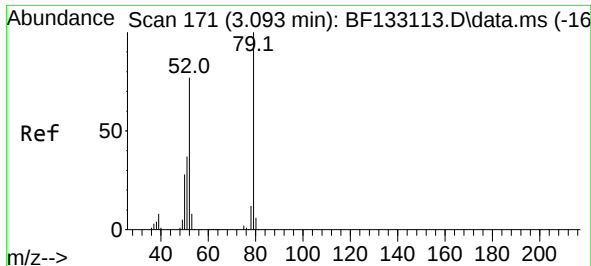
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#2
1,4-Dioxane
Concen: 40.930 ng
RT: 2.593 min Scan# 86
Delta R.T. 0.200 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

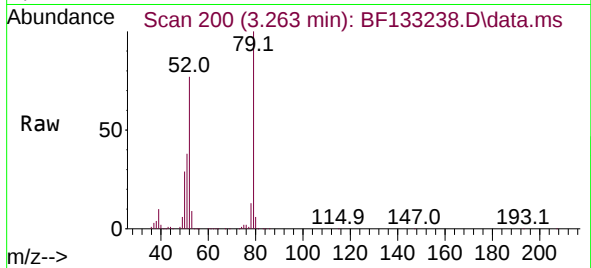
Tgt Ion: 88 Resp: 257004
Ion Ratio Lower Upper
88 100
58 79.1 64.7 97.1
43 0.0 26.2 39.2#





#3
Pyridine
Concen: 31.336 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.182 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

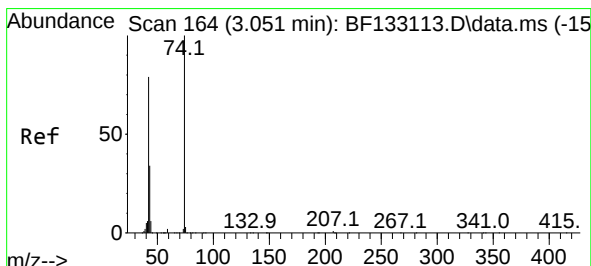
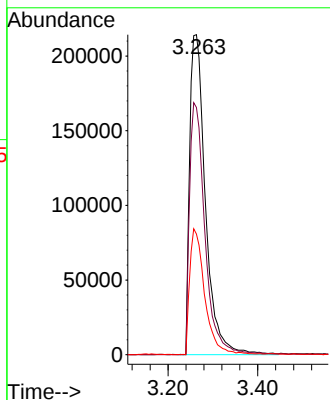
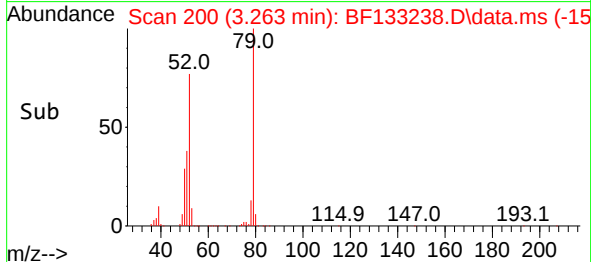
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



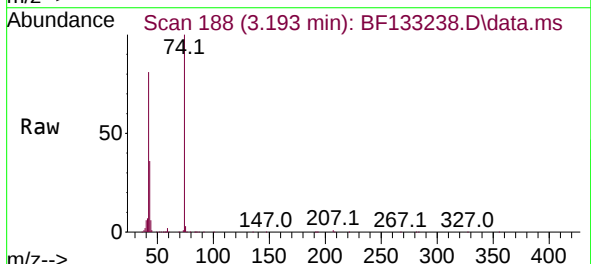
Tgt Ion: 79 Resp: 522599
Ion Ratio Lower Upper
79 100
52 77.3 64.6 96.8
51 37.7 30.0 45.0

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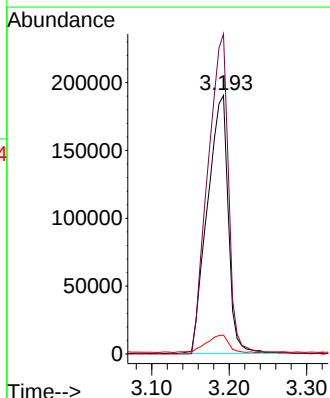
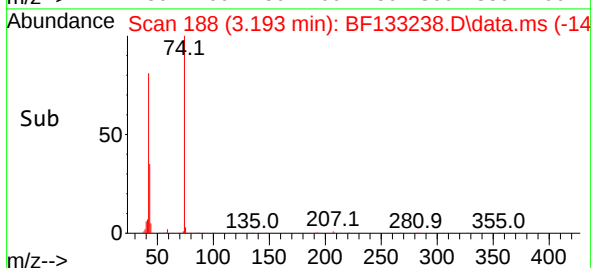
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Supervised By :Jagrut Upadhyay 05/05/2023

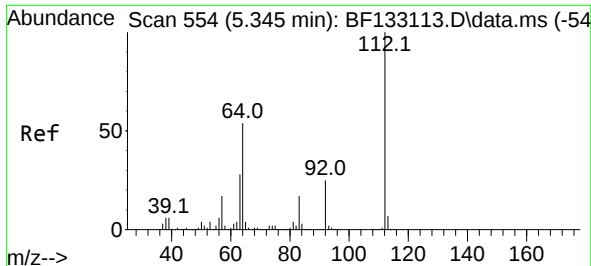


#4
n-Nitrosodimethylamine
Concen: 41.293 ng
RT: 3.193 min Scan# 188
Delta R.T. 0.141 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04



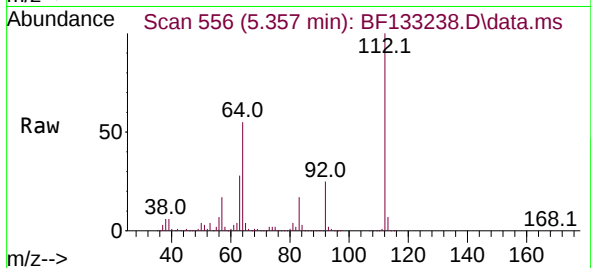
Tgt Ion: 42 Resp: 356699
Ion Ratio Lower Upper
42 100
74 123.7 98.0 147.0
44 7.3 5.8 8.8





#5
2-Fluorophenol
Concen: 112.702 ng
RT: 5.357 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

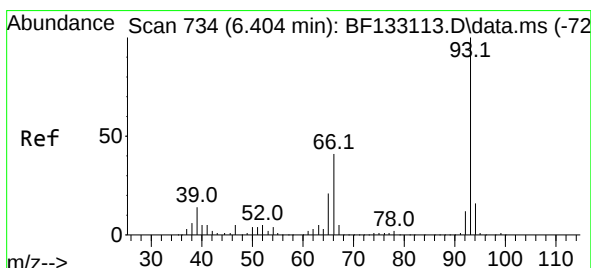
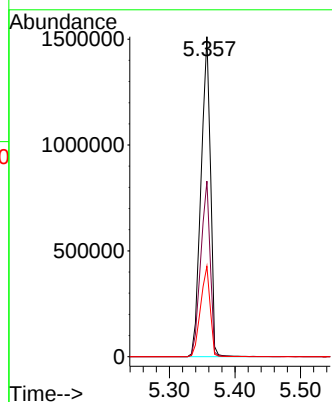
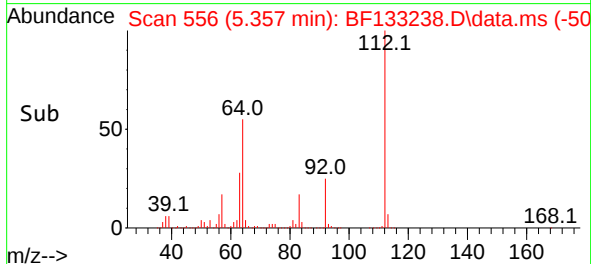
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Tgt Ion:112 Resp: 152568
Ion Ratio Lower Upper
112 100
64 54.9 46.8 70.2
63 28.2 23.8 35.8

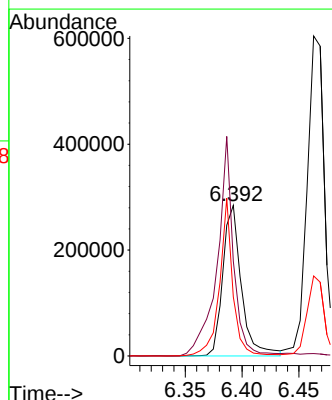
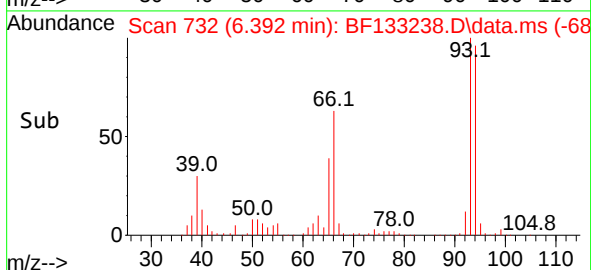
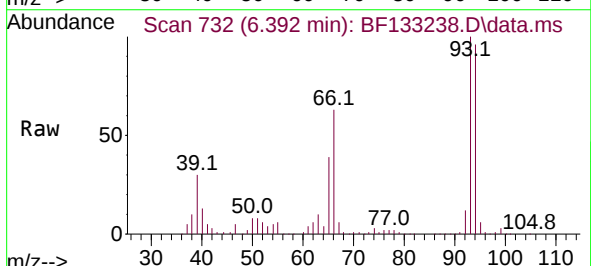
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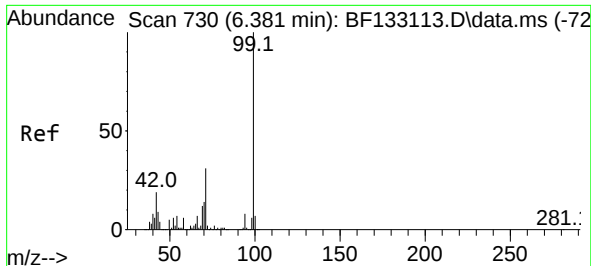
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#6
Aniline
Concen: 14.994 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

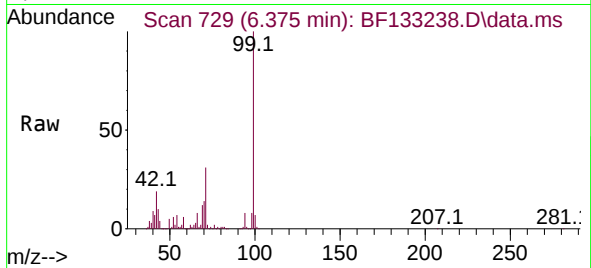
Tgt Ion: 93 Resp: 324494
Ion Ratio Lower Upper
93 100
66 63.0 31.5 47.3#
65 39.3 16.4 24.6#





#7
Phenol-d6
Concen: 104.759 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

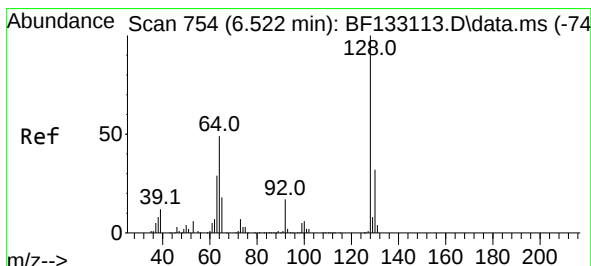
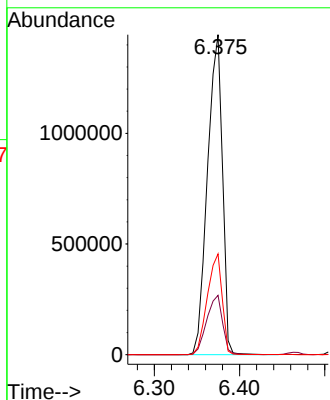
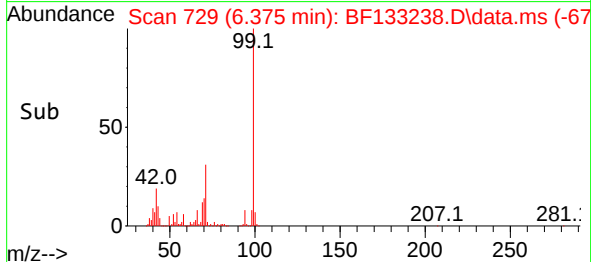
Instrument :
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Tgt Ion: 99 Resp: 1760240
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 31.5 25.6 38.4

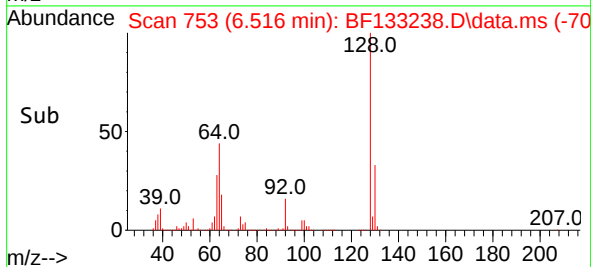
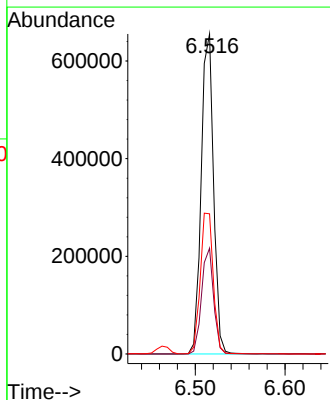
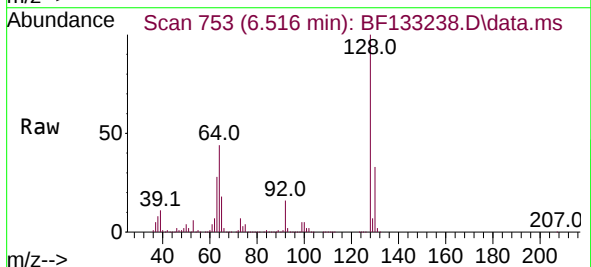
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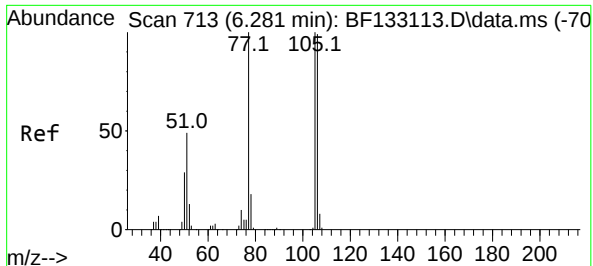
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#8
2-Chlorophenol
Concen: 45.581 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

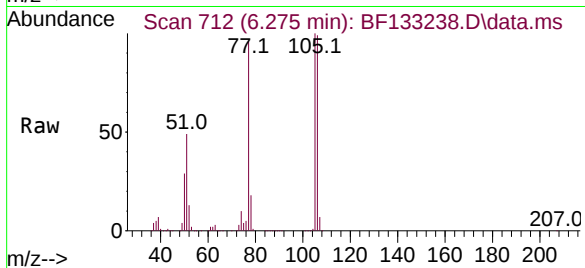
Tgt Ion:128 Resp: 626505
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 43.8 30.3 70.3





#9
Benzaldehyde
Concen: 32.053 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

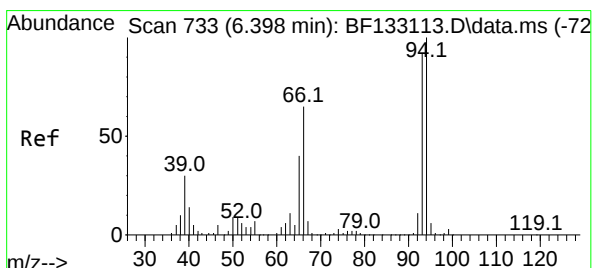
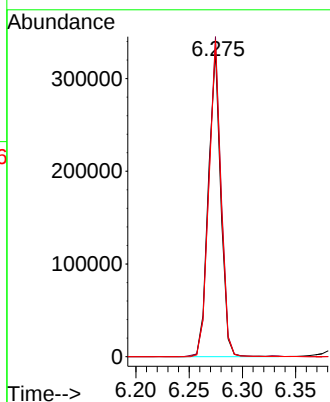
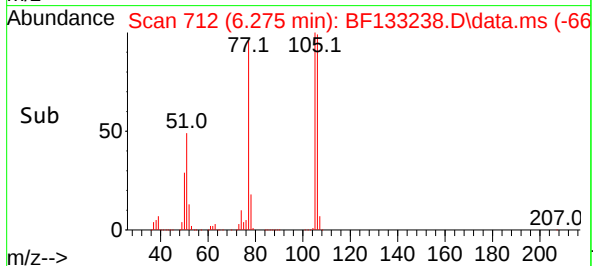
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



Tgt Ion: 77 Resp: 267584
Ion Ratio Lower Upper
77 100
105 104.6 82.3 122.3
106 103.4 80.8 120.8

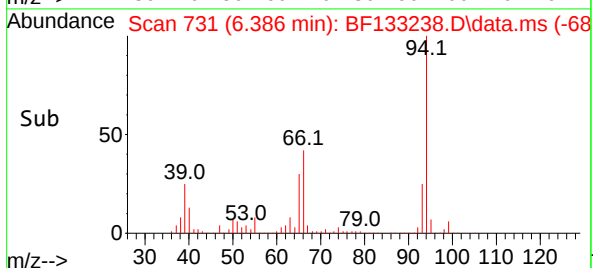
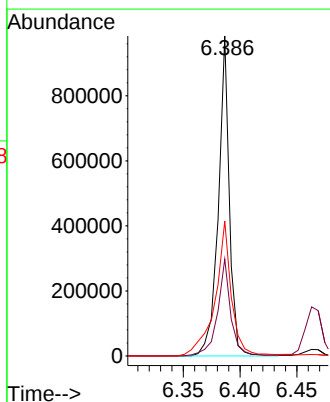
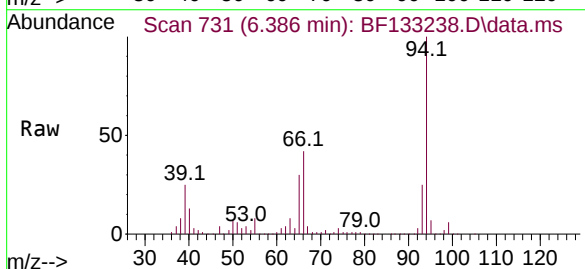
Manual Integrations
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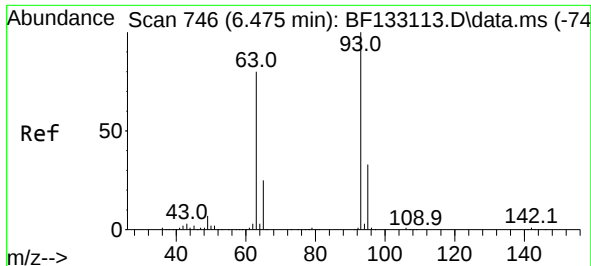
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#10
Phenol
Concen: 36.089 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

Tgt Ion: 94 Resp: 668969
Ion Ratio Lower Upper
94 100
65 30.3 8.6 48.6
66 42.1 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 44.817 ng

RT: 6.463 min Scan# 746

Delta R.T. -0.006 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

Tgt Ion: 93 Resp: 62340

Ion Ratio Lower Upper

93 100

63 79.8 60.6 100.6

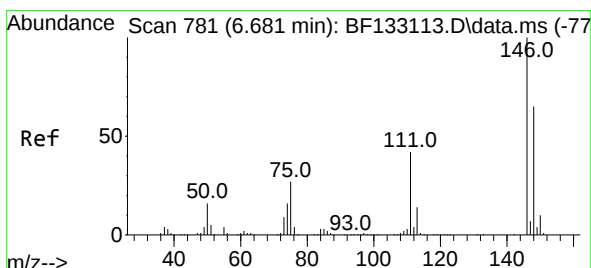
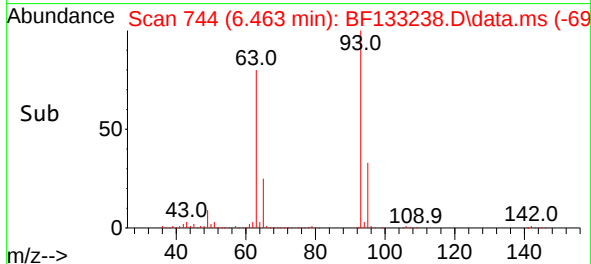
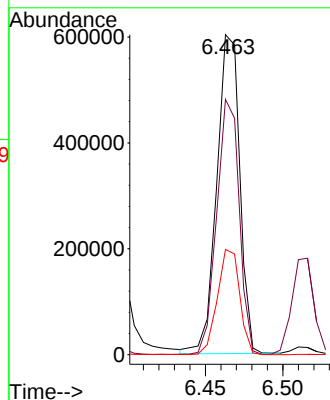
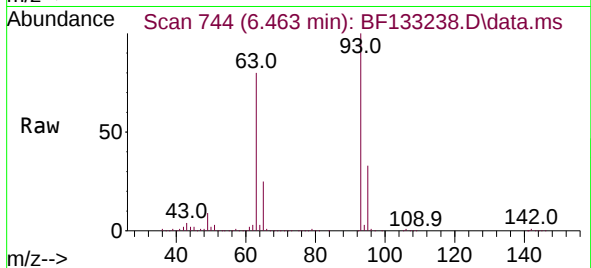
95 32.9 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#12

1,3-Dichlorobenzene

Concen: 43.248 ng

RT: 6.669 min Scan# 779

Delta R.T. -0.000 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

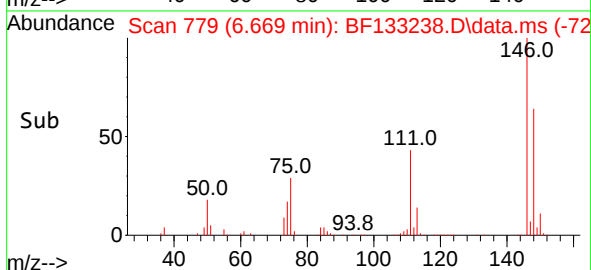
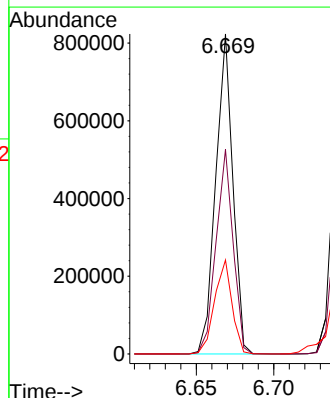
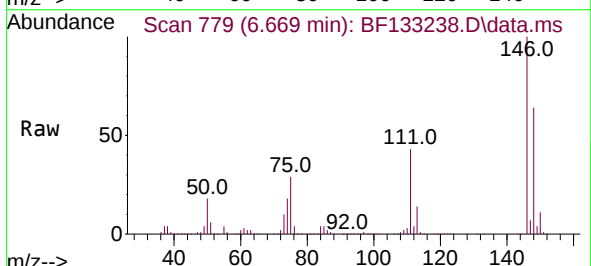
Tgt Ion:146 Resp: 632001

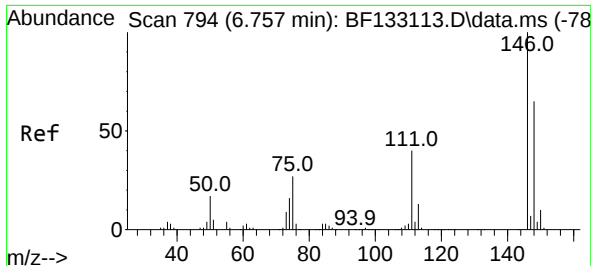
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

75 29.3 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 43.691 ng

RT: 6.745 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

Tgt Ion:146 Resp: 639892

Ion Ratio Lower Upper

146 100

148 64.6 50.3 75.5

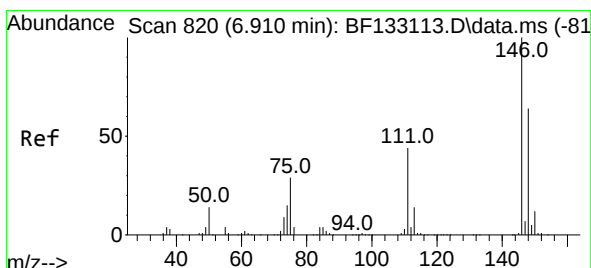
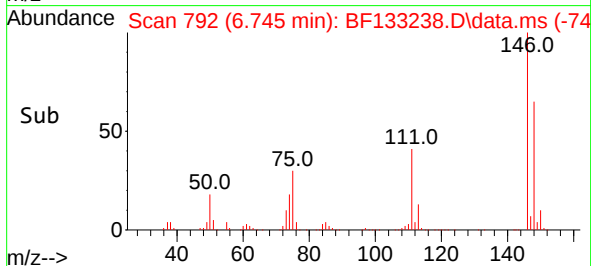
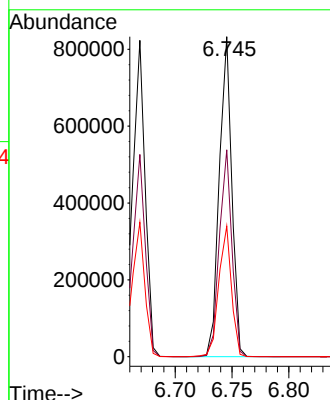
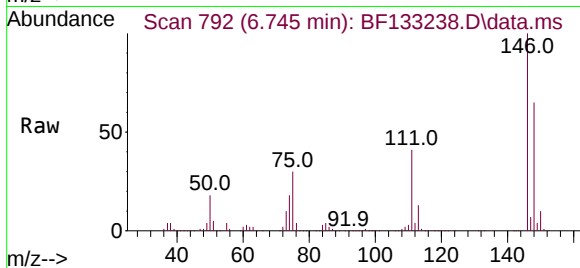
111 40.8 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#14

1,2-Dichlorobenzene

Concen: 46.053 ng

RT: 6.898 min Scan# 818

Delta R.T. -0.006 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

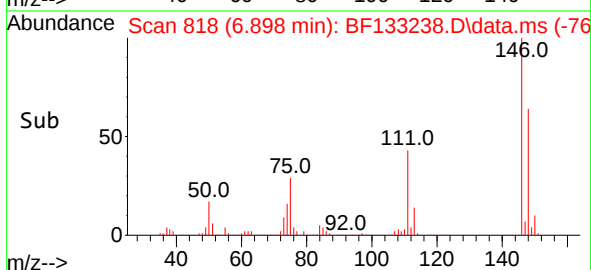
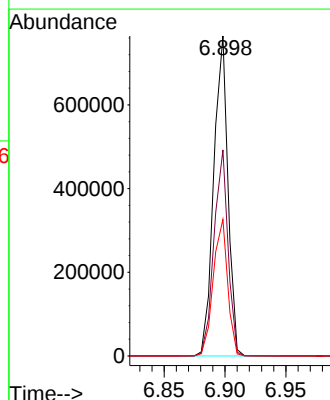
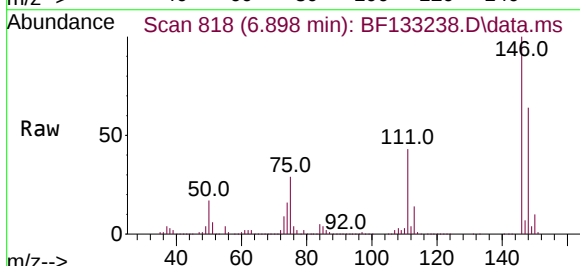
Tgt Ion:146 Resp: 621819

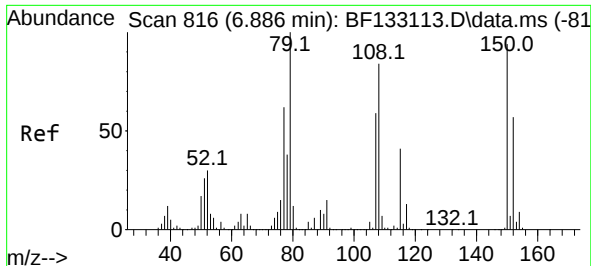
Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

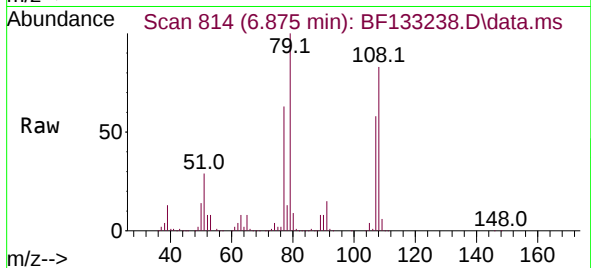
111 42.6 32.8 49.2





#15
Benzyl Alcohol
Concen: 45.674 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

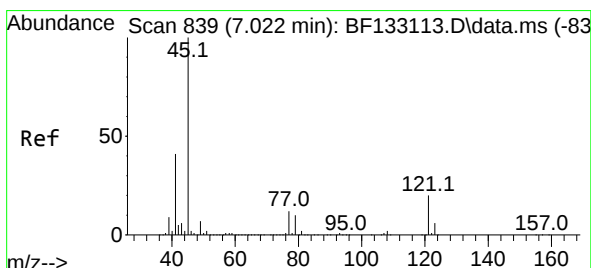
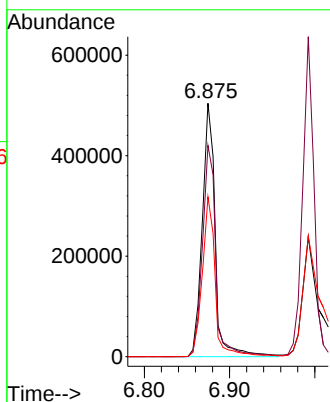
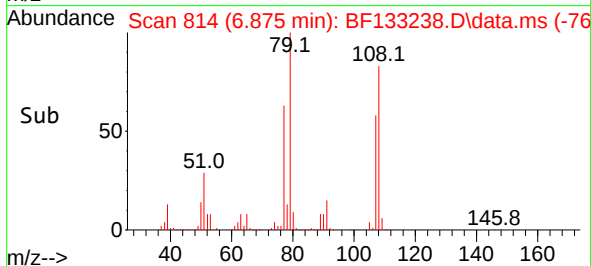
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



Tgt Ion: 79 Resp: 530128
Ion Ratio Lower Upper
79 100
108 83.3 66.6 99.8
77 63.1 49.2 73.8

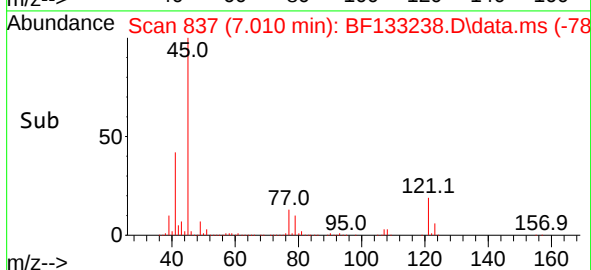
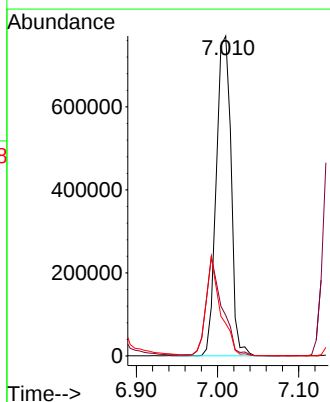
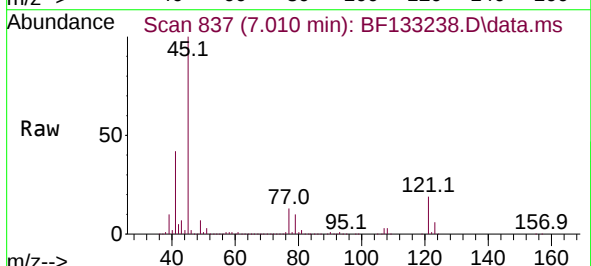
Manual Integrations
APPROVED

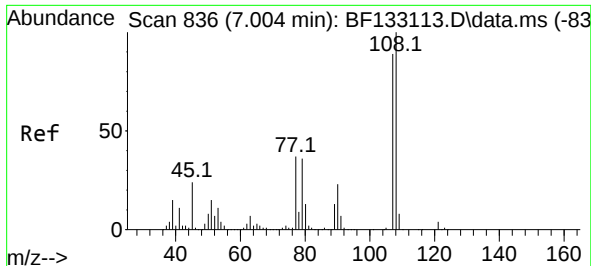
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.312 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

Tgt Ion: 45 Resp: 973928
Ion Ratio Lower Upper
45 100
77 12.7 0.0 31.5
79 10.1 0.0 28.7





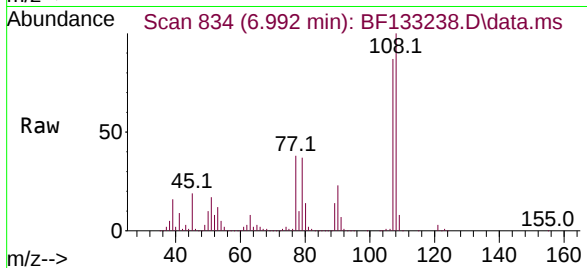
#17
2-Methylphenol
Concen: 40.556 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

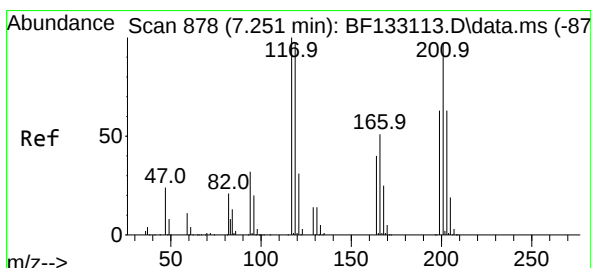
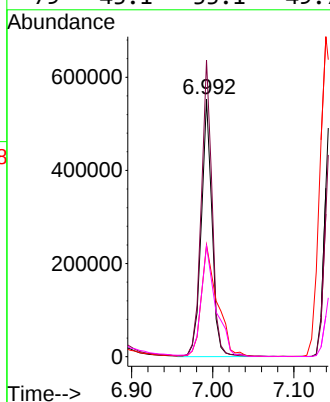
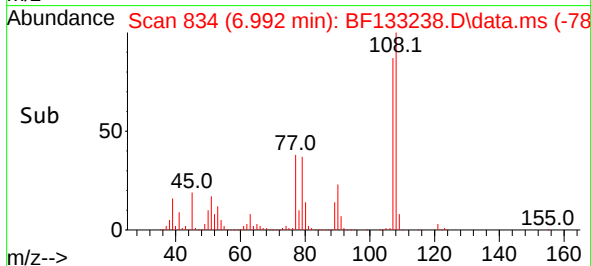


Tgt Ion:107 Resp: 510428
Ion Ratio Lower Upper
107 100
108 115.2 92.4 138.6
77 43.5 33.8 50.8
79 43.1 33.1 49.7

Manual Integrations

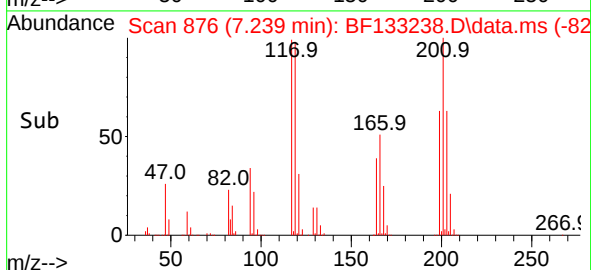
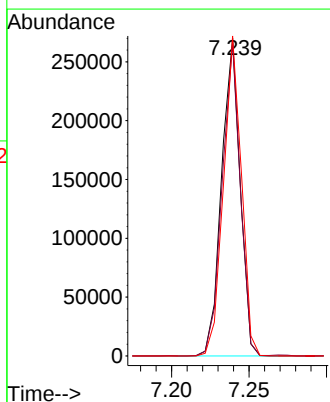
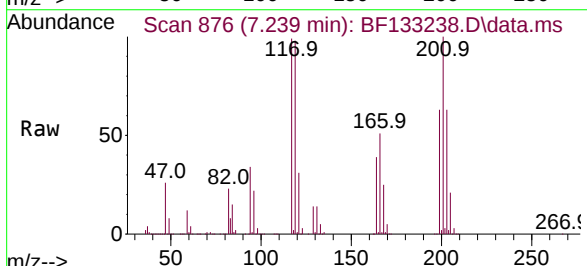
APPROVED

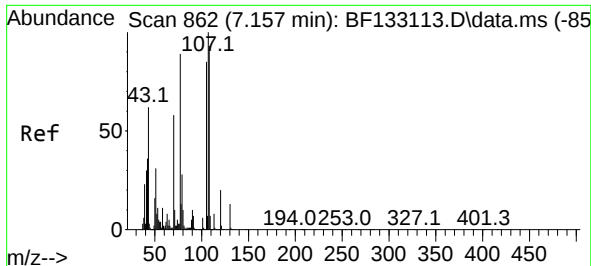
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#18
Hexachloroethane
Concen: 44.002 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

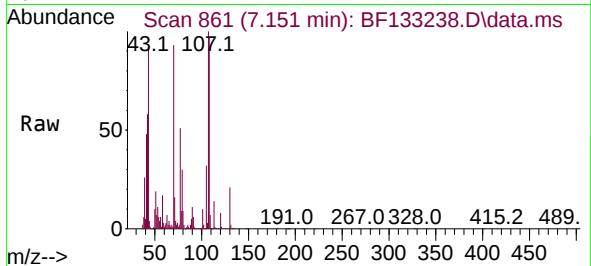
Tgt Ion:117 Resp: 224049
Ion Ratio Lower Upper
117 100
119 98.4 78.2 117.4
201 100.7 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 39.863 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

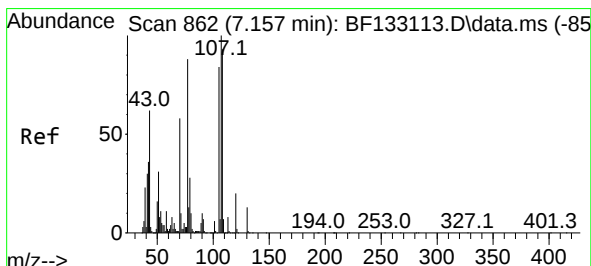
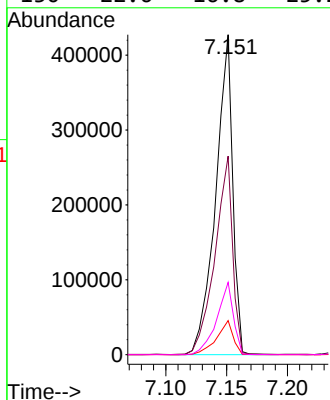
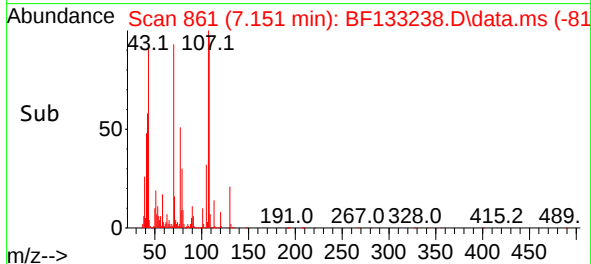
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



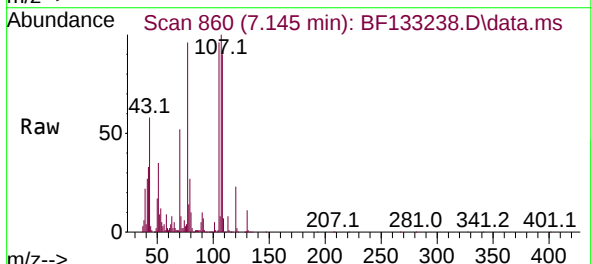
Tgt Ion: 70 Resp: 416990
Ion Ratio Lower Upper
70 100
42 62.0 51.8 77.6
101 10.7 8.0 12.0
130 22.6 16.8 25.2

Manual Integrations
APPROVED

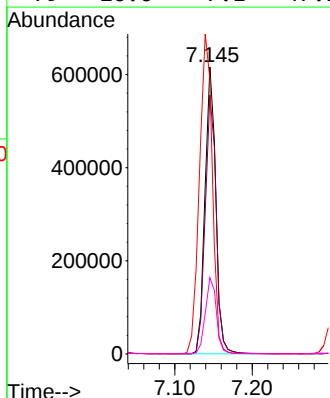
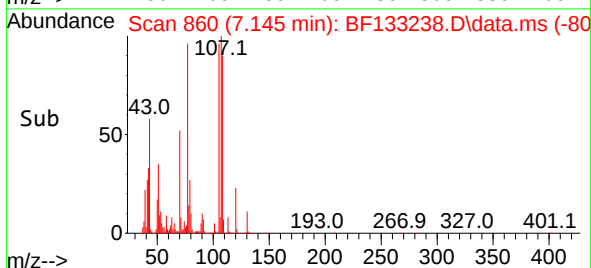
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

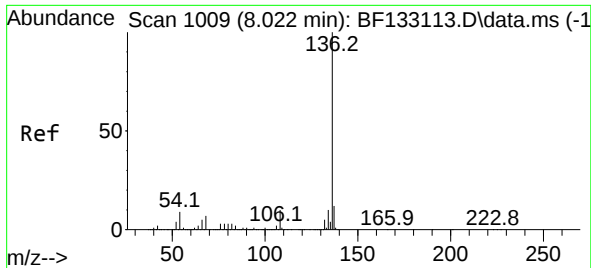


#20
3+4-Methylphenols
Concen: 40.170 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04



Tgt Ion:107 Resp: 595402
Ion Ratio Lower Upper
107 100
108 90.2 70.5 110.5
77 95.7 91.7 131.7
79 26.6 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

Instrument :

BNA_F

ClientSampleId :

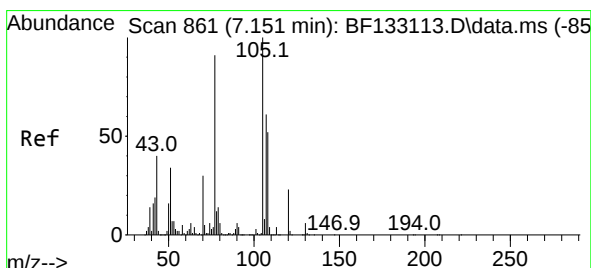
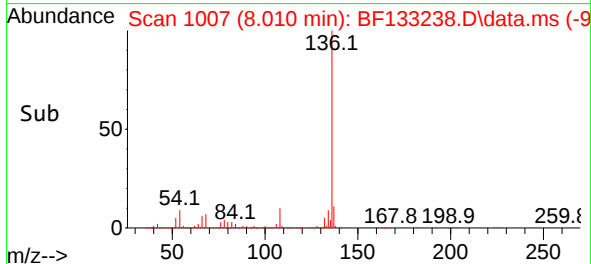
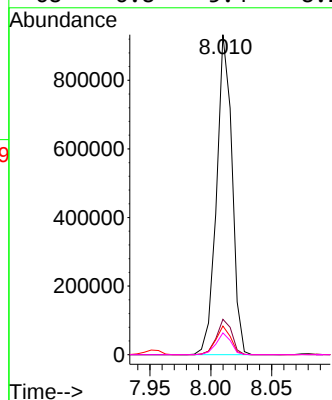
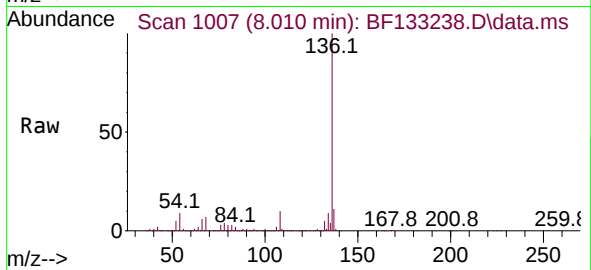
VNJ-241MS

Tgt Ion:136 Resp: 824339
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.9 7.0 10.4
68 6.8 5.4 8.2

Manual Integrations

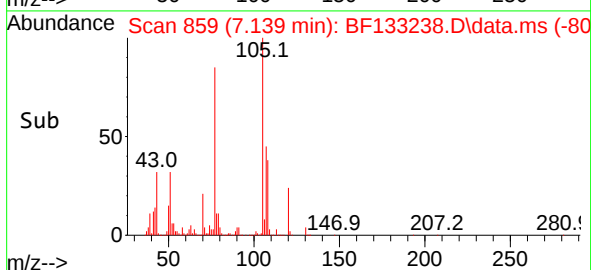
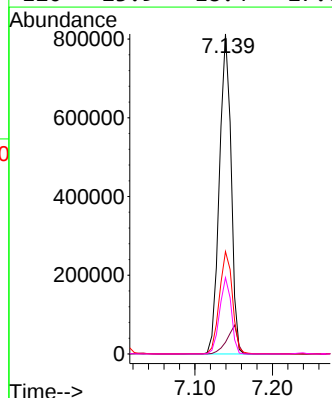
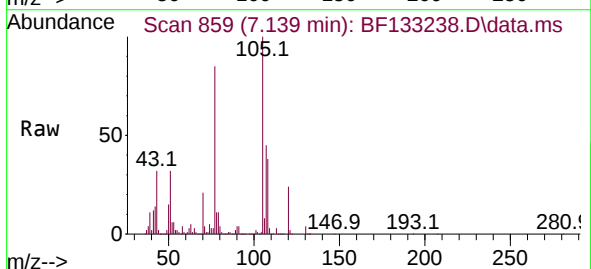
APPROVED

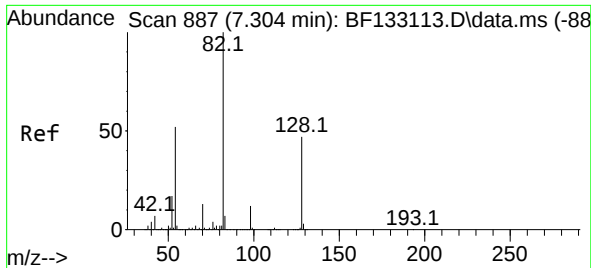
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#22
Acetophenone
Concen: 44.567 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

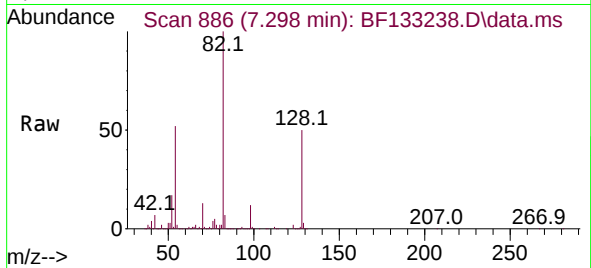
Tgt Ion:105 Resp: 851039
Ion Ratio Lower Upper
105 100
71 3.7 4.6 7.0#
51 32.0 28.2 42.2
120 23.9 18.4 27.6





#23
Nitrobenzene-d5
Concen: 81.238 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

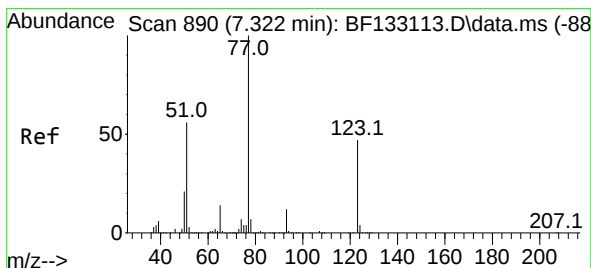
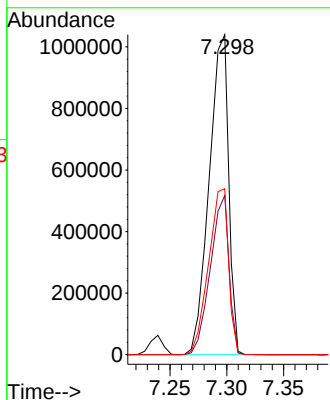
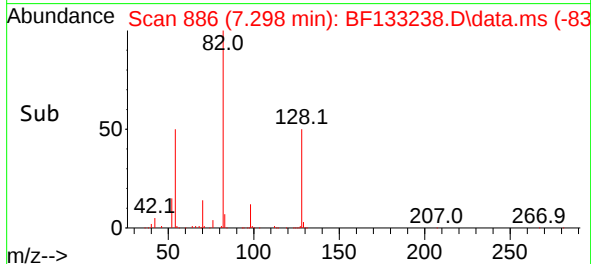
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



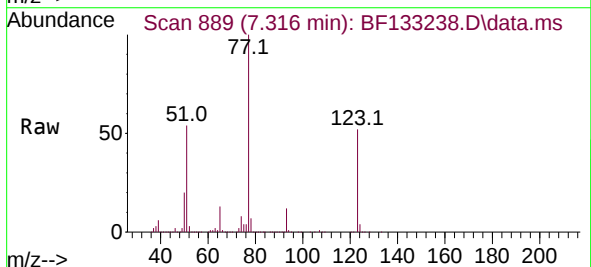
Tgt Ion: 82 Resp: 124068
Ion Ratio Lower Upper
82 100
128 49.7 37.7 56.5
54 51.8 43.0 64.4

Manual Integrations
APPROVED

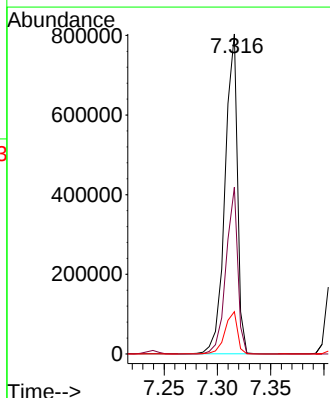
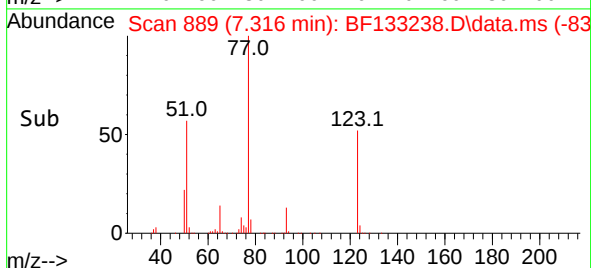
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

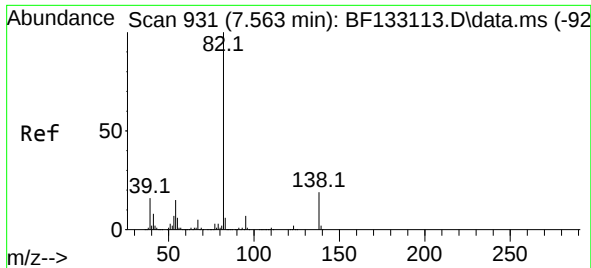


#24
Nitrobenzene
Concen: 41.826 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04



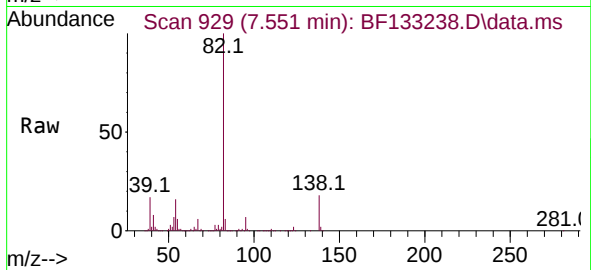
Tgt Ion: 77 Resp: 647288
Ion Ratio Lower Upper
77 100
123 52.1 39.9 59.9
65 13.2 10.7 16.1





#25
Isophorone
Concen: 42.134 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

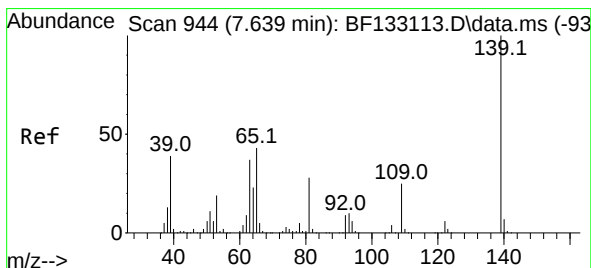
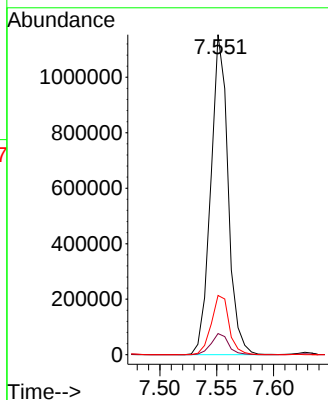
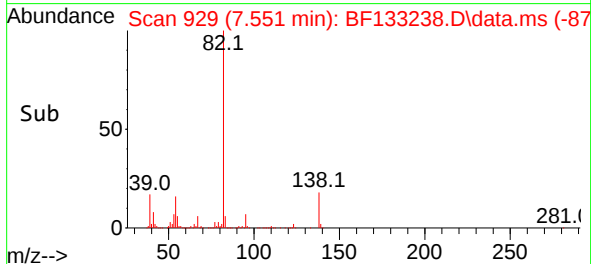
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



Tgt Ion: 82 Resp: 122174
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 18.5 16.0 24.0

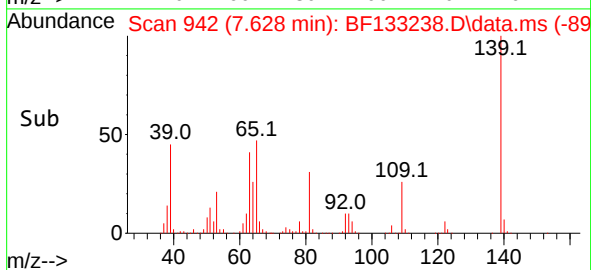
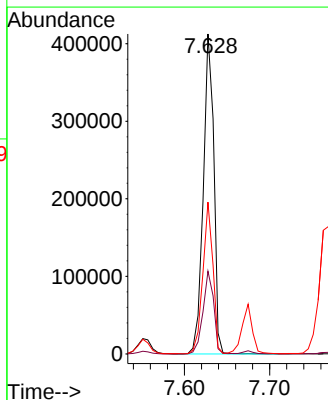
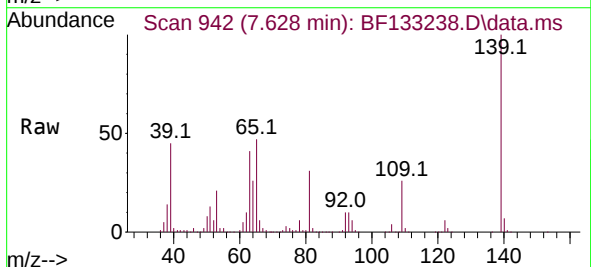
Manual Integrations
APPROVED

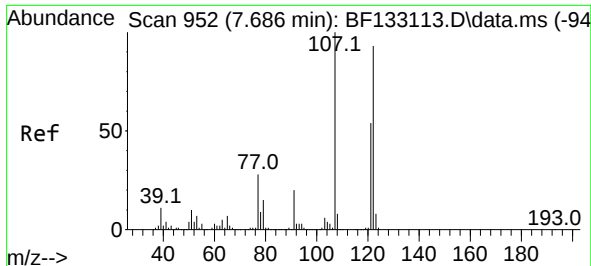
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#26
2-Nitrophenol
Concen: 47.384 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

Tgt Ion:139 Resp: 353690
Ion Ratio Lower Upper
139 100
109 25.9 21.6 32.4
65 47.5 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.455 ng

RT: 7.675 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133238.D

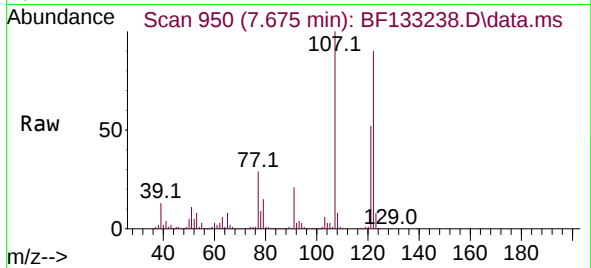
Acq: 04 May 2023 19:04

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS



Tgt Ion:122 Resp: 568998

Ion Ratio Lower Upper

122 100

107 111.2 89.7 134.5

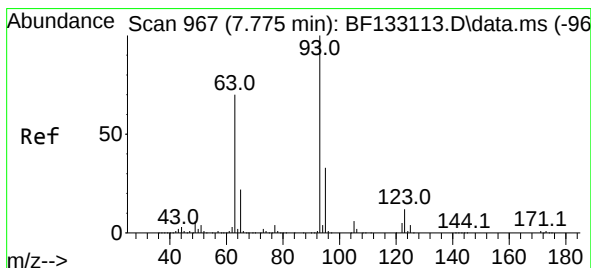
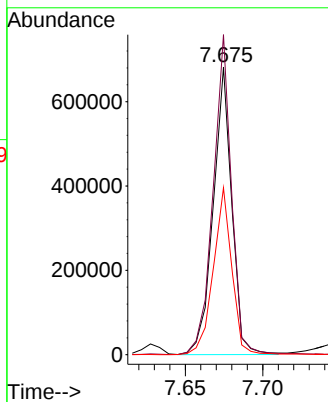
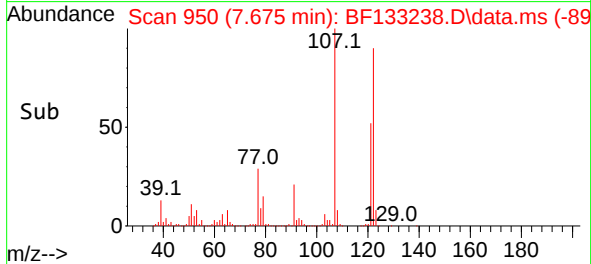
121 58.0 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.972 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.000 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

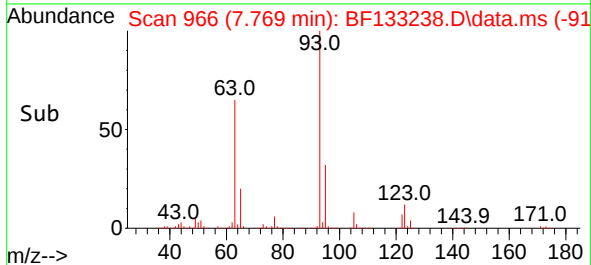
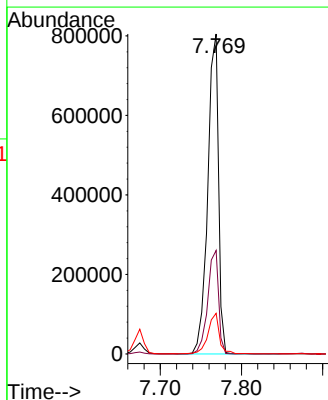
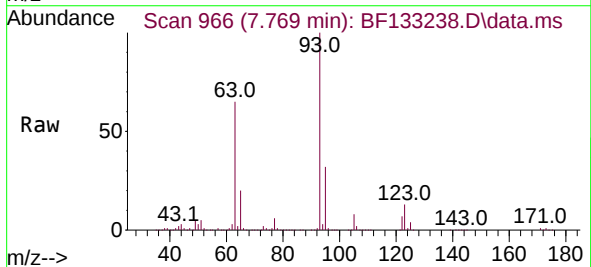
Tgt Ion: 93 Resp: 737134

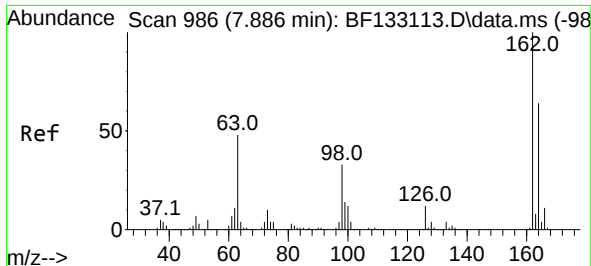
Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

123 12.7 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 44.396 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.000 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

Tgt Ion:162 Resp: 51729

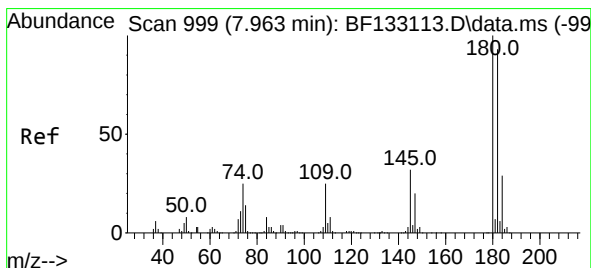
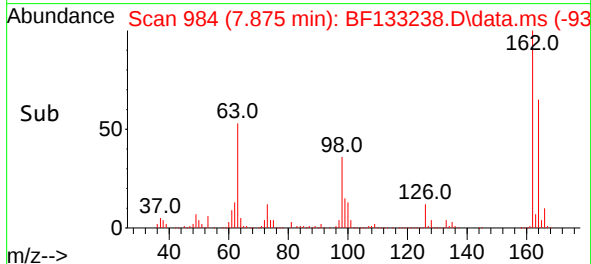
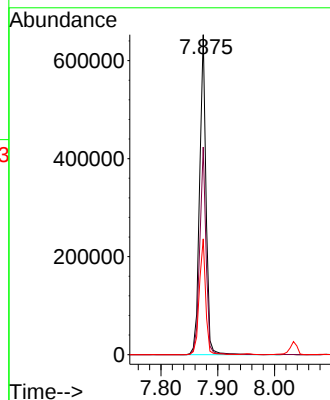
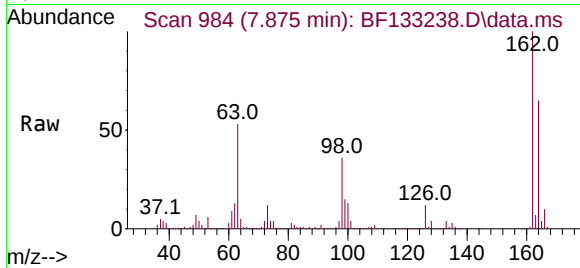
Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.9	83.9
98	36.2	17.0	57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.658 ng

RT: 7.957 min Scan# 998

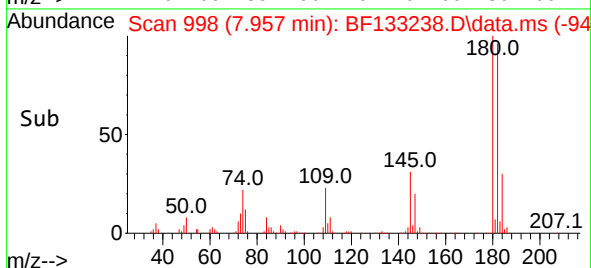
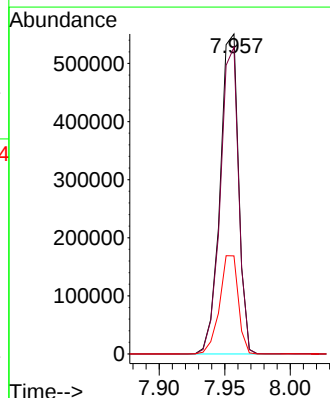
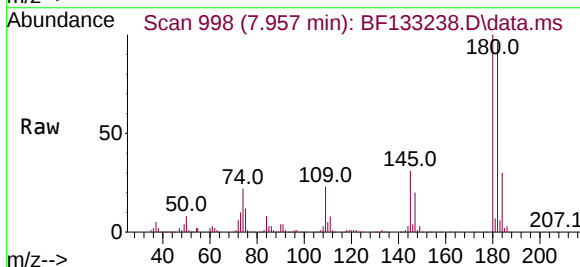
Delta R.T. -0.000 min

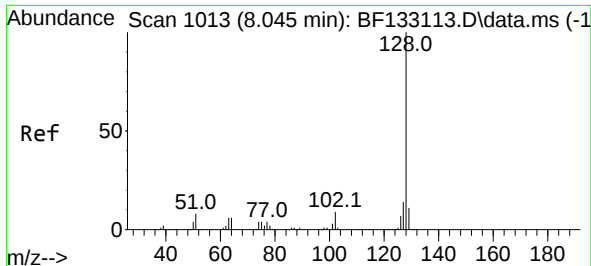
Lab File: BF133238.D

Acq: 04 May 2023 19:04

Tgt Ion:180 Resp: 539074

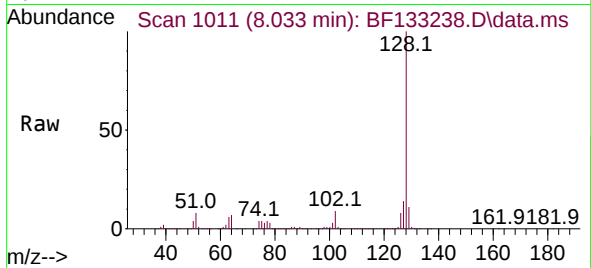
Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.9	113.9
145	30.7	25.3	37.9





#31
Naphthalene
Concen: 43.446 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

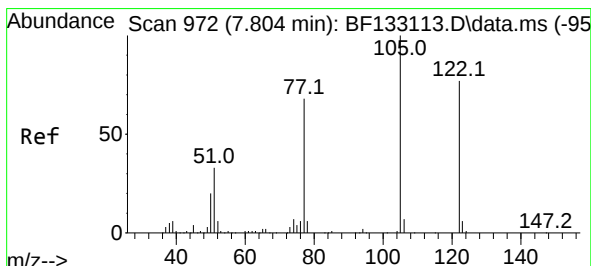
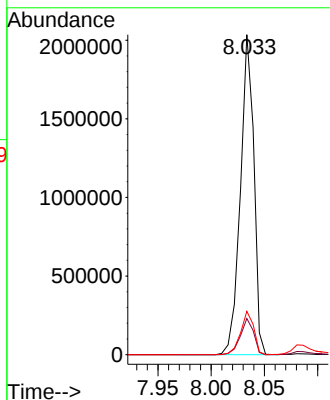
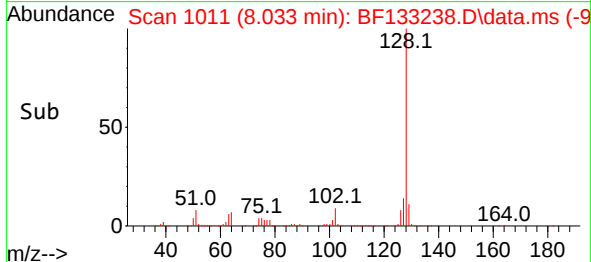
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



Tgt Ion:128 Resp: 179060
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.7 16.1

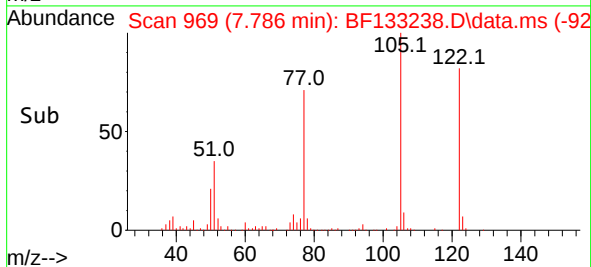
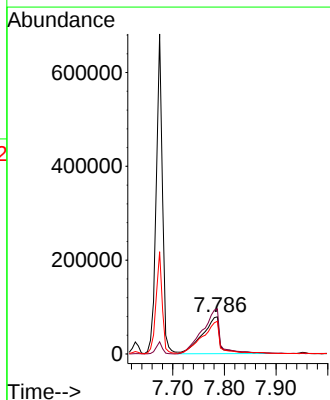
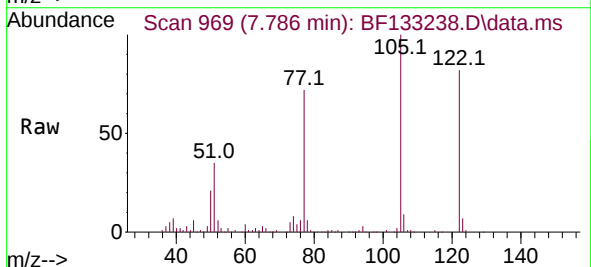
Manual Integrations
APPROVED

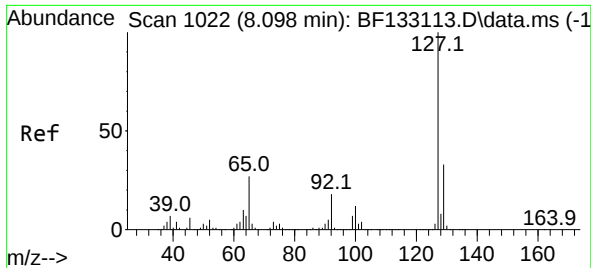
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#32
Benzoic acid
Concen: 24.678 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.018 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

Tgt Ion:122 Resp: 195102
Ion Ratio Lower Upper
122 100
105 121.5 104.2 144.2
77 87.9 69.7 109.7





#33
4-Chloroaniline
Concen: 5.333 ng
RT: 8.080 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

Instrument :

BNA_F

ClientSampleId :

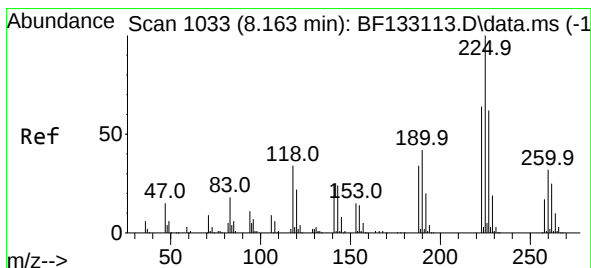
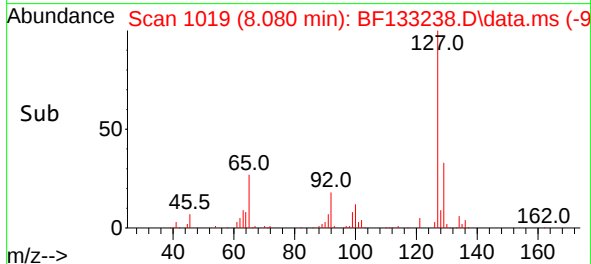
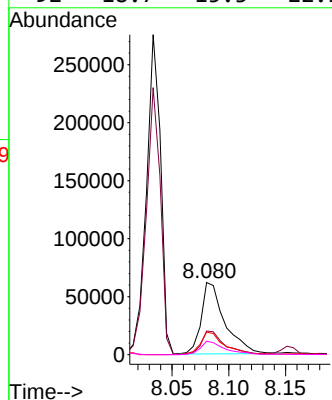
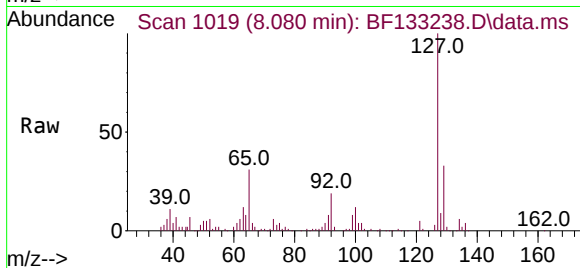
VNJ-241MS

Tgt Ion:127 Resp: 8880
Ion Ratio Lower Upper
127 100
129 32.8 25.8 38.8
65 31.2 23.6 35.4
92 18.7 15.3 22.9

Manual Integrations

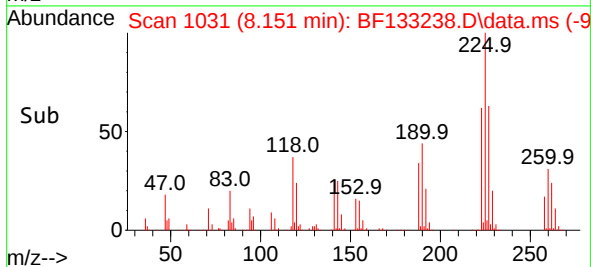
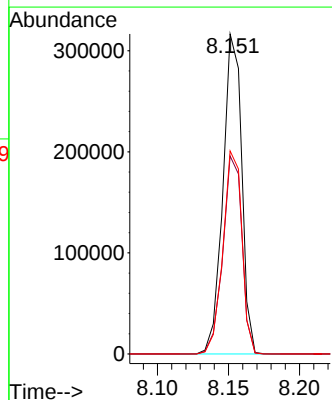
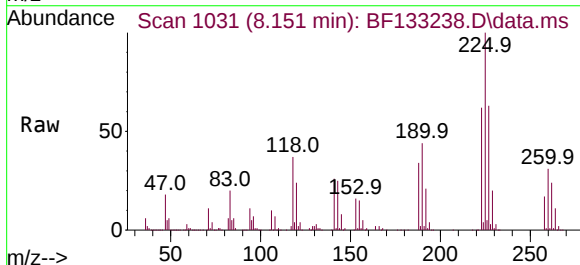
APPROVED

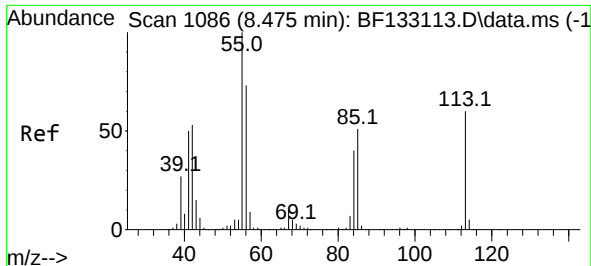
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#34
Hexachlorobutadiene
Concen: 43.341 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

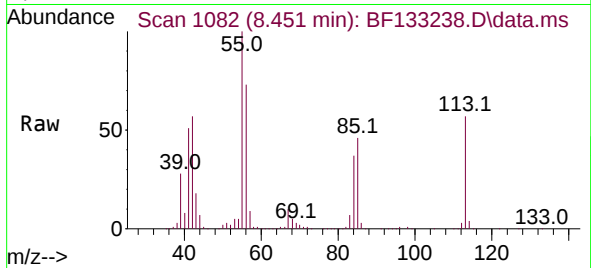
Tgt Ion:225 Resp: 289967
Ion Ratio Lower Upper
225 100
223 61.8 50.9 76.3
227 63.5 50.3 75.5





#35
Caprolactam
Concen: 41.595 ng m
RT: 8.451 min Scan# 1103
Delta R.T. -0.012 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

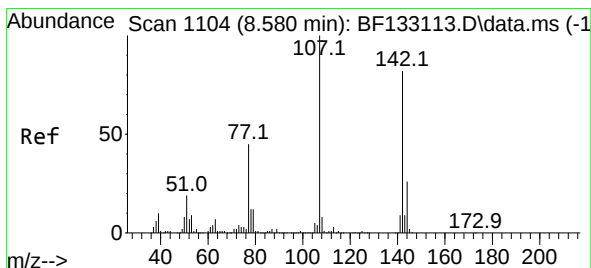
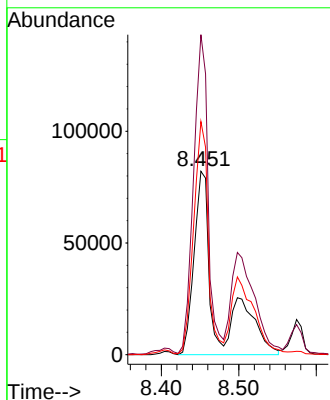
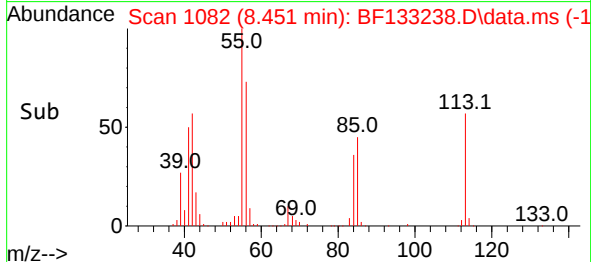
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



Tgt Ion:113 Resp: 16281
Ion Ratio Lower Upper
113 100
55 174.5 167.1 207.1
56 127.2 114.5 154.5

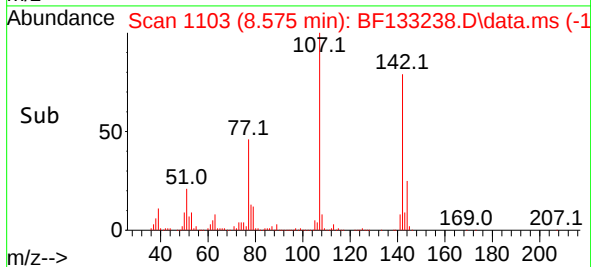
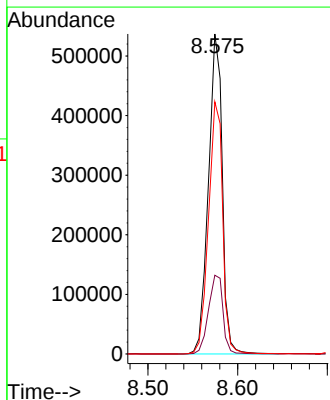
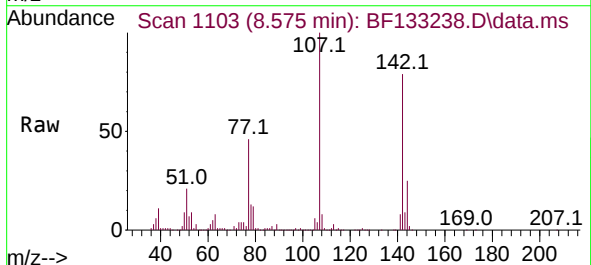
Manual Integrations
APPROVED

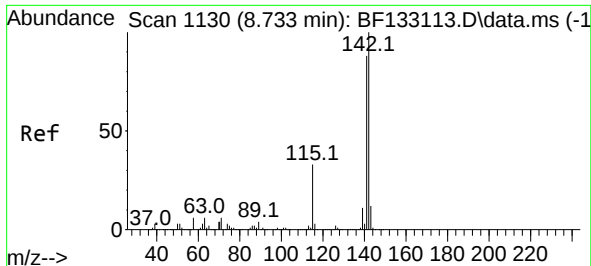
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#36
4-Chloro-3-methylphenol
Concen: 45.844 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

Tgt Ion:107 Resp: 576030
Ion Ratio Lower Upper
107 100
144 24.6 20.6 30.8
142 78.8 62.8 94.2





#37

2-Methylnaphthalene

Concen: 41.940 ng

RT: 8.727 min Scan# 1129

Delta R.T. -0.000 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

Tgt Ion:142 Resp: 1181758

Ion Ratio Lower Upper

142 100

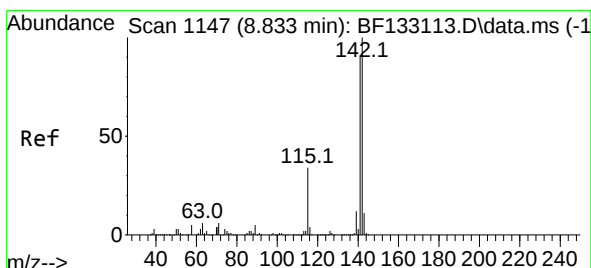
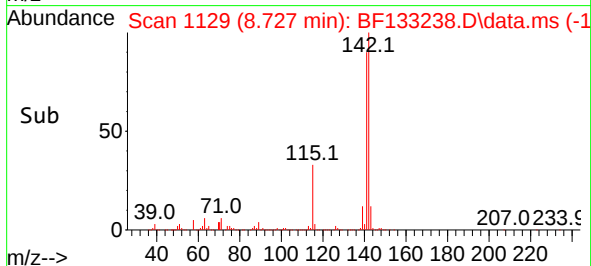
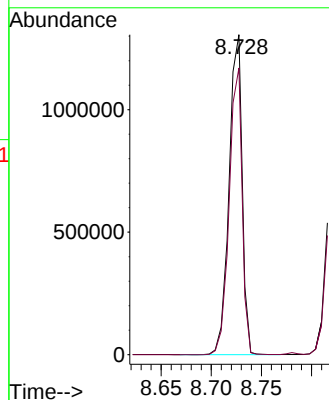
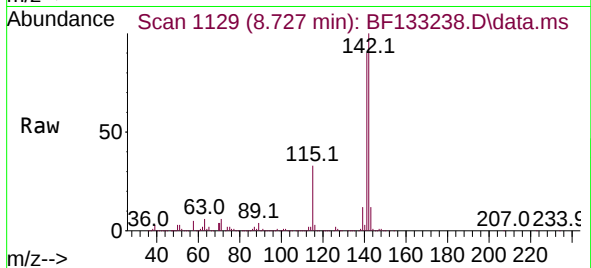
141 89.6 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#38

1-Methylnaphthalene

Concen: 42.533 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BF133238.D

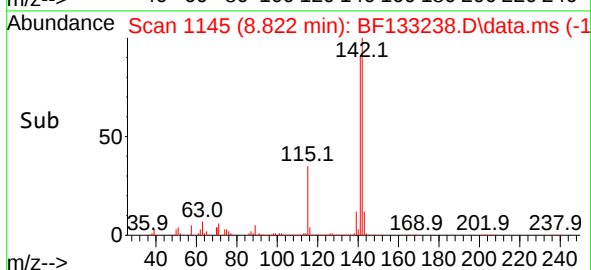
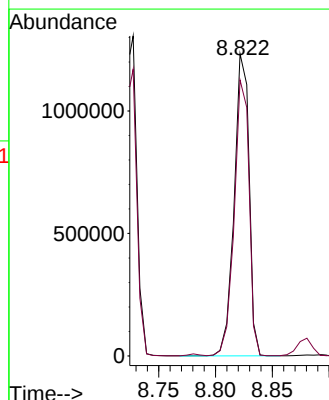
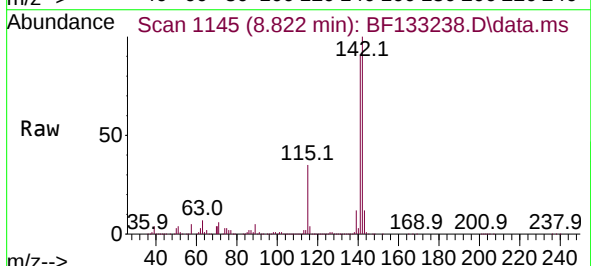
Acq: 04 May 2023 19:04

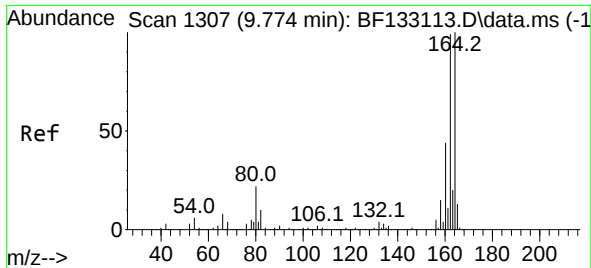
Tgt Ion:142 Resp: 1121152

Ion Ratio Lower Upper

142 100

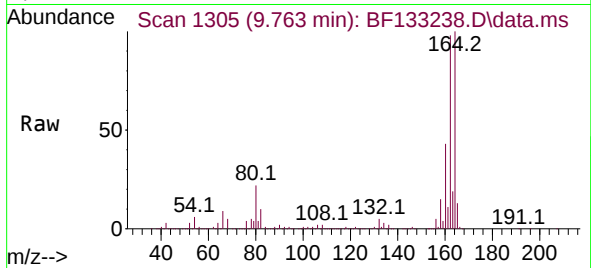
141 91.3 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

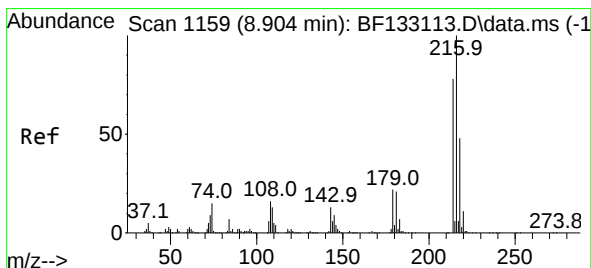
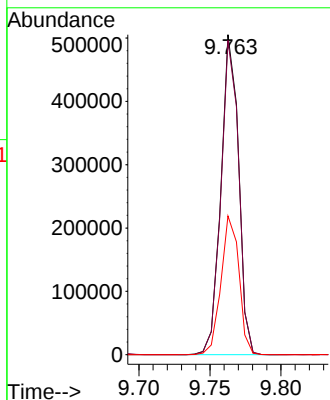
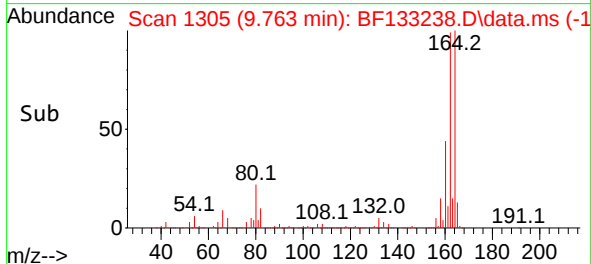
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



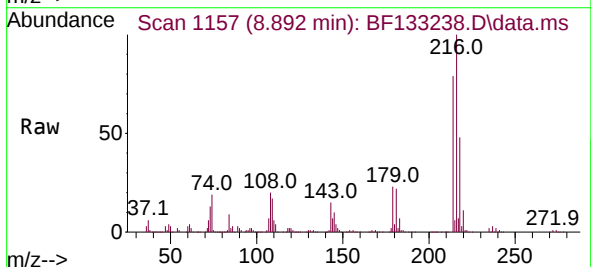
Tgt Ion:164 Resp: 434529
Ion Ratio Lower Upper
164 100
162 98.2 78.7 118.1
160 43.4 35.8 53.6

Manual Integrations
APPROVED

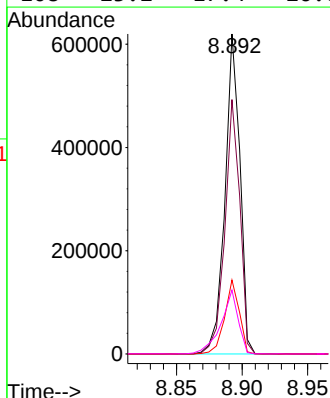
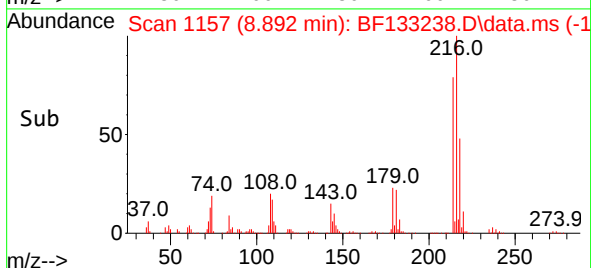
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.953 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04



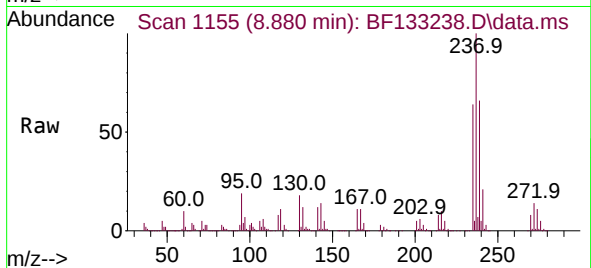
Tgt Ion:216 Resp: 490149
Ion Ratio Lower Upper
216 100
214 79.3 63.5 95.3
179 22.6 17.4 26.2
108 23.2 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 79.323 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

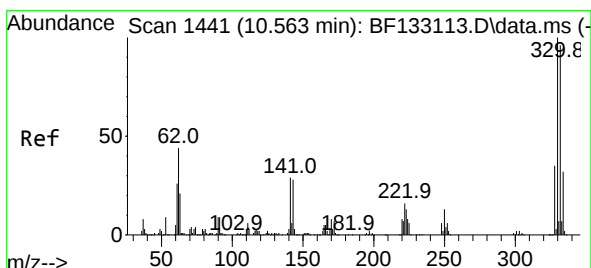
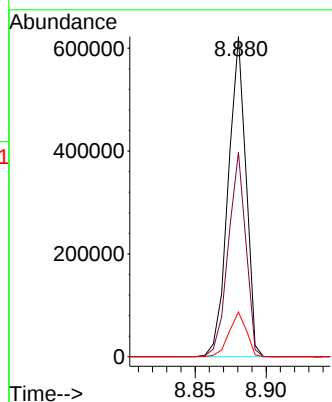
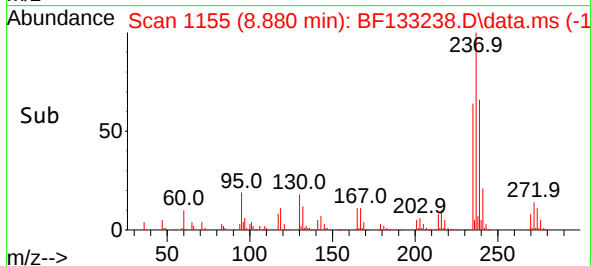
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



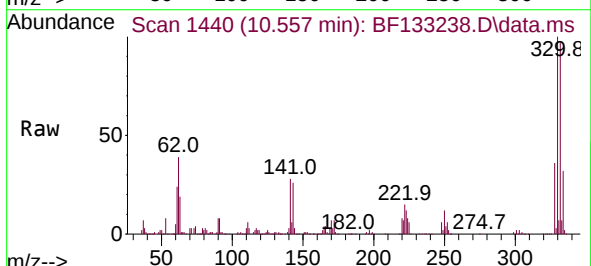
Tgt Ion: 237 Resp: 54048
Ion Ratio Lower Upper
237 100
235 63.9 43.5 83.5
272 14.0 0.0 32.7

Manual Integrations
APPROVED

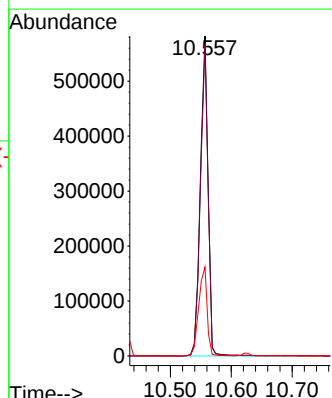
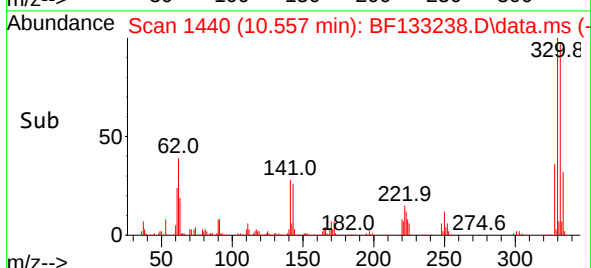
Reviewed By : Christian Giraldo 05/05/2023
Supervised By : Jagrut Upadhyay 05/05/2023

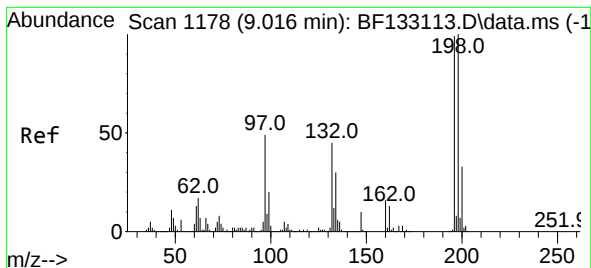


#42
2,4,6-Tribromophenol
Concen: 117.230 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04



Tgt Ion: 330 Resp: 512291
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 30.3 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 44.210 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

Tgt Ion:196 Resp: 357200

Ion Ratio Lower Upper

196 100

198 99.5 81.0 121.6

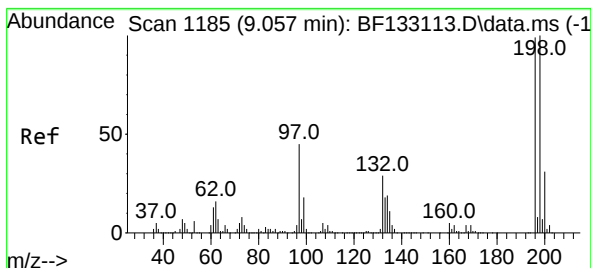
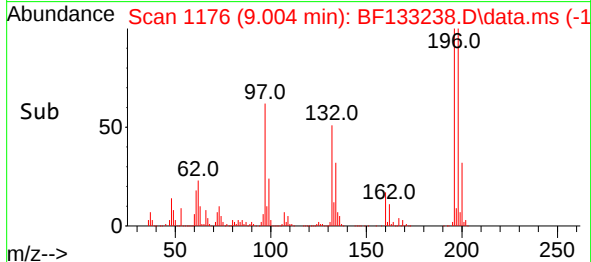
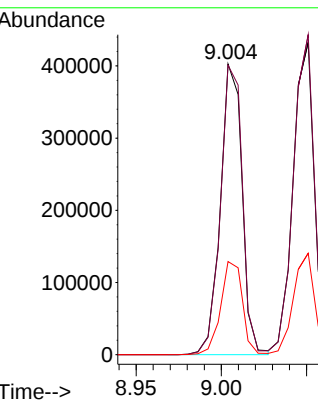
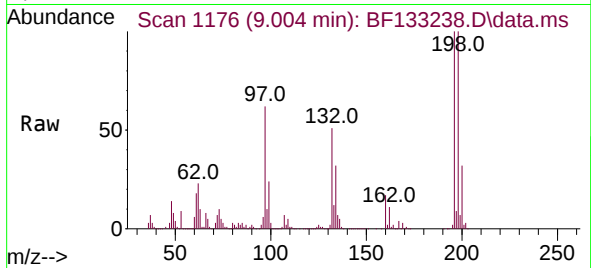
200 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#44

2,4,5-Trichlorophenol

Concen: 41.192 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

Tgt Ion:196 Resp: 384911

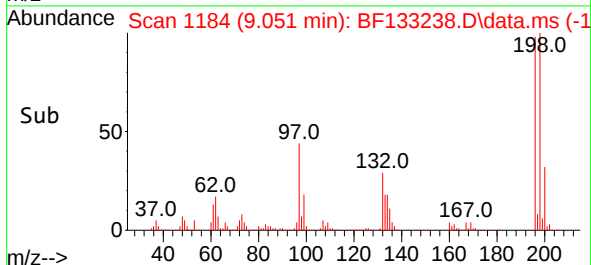
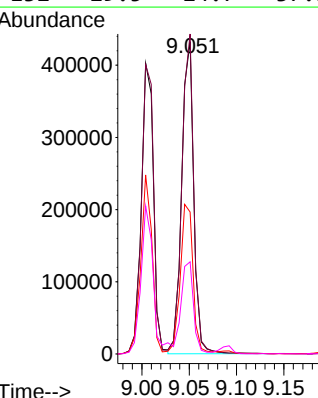
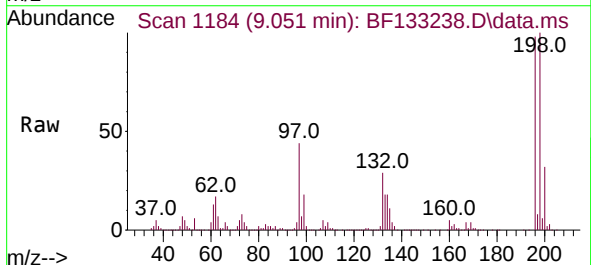
Ion Ratio Lower Upper

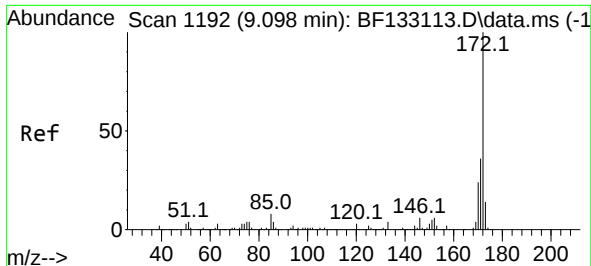
196 100

198 102.4 80.9 121.3

97 45.4 41.3 61.9

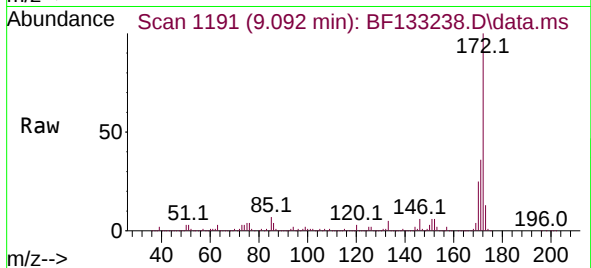
132 29.5 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 77.482 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

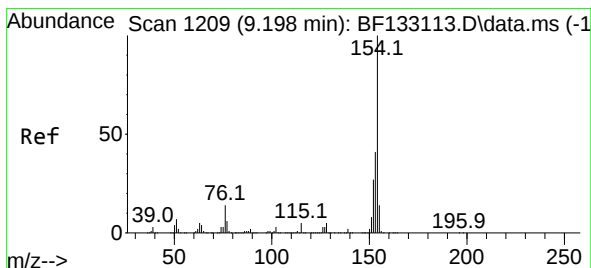
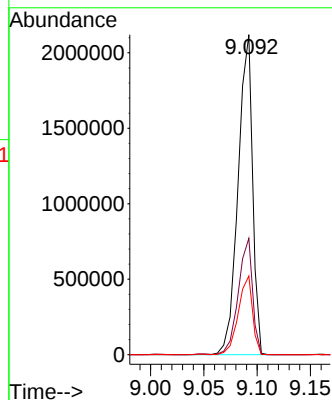
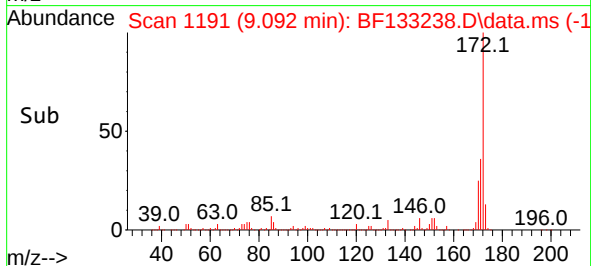
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



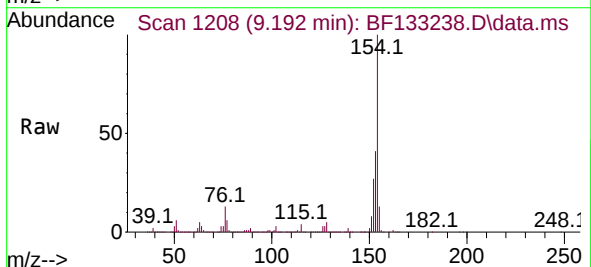
Tgt Ion:172 Resp: 201241
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.6 19.4 29.2

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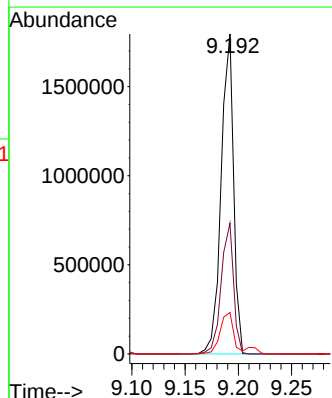
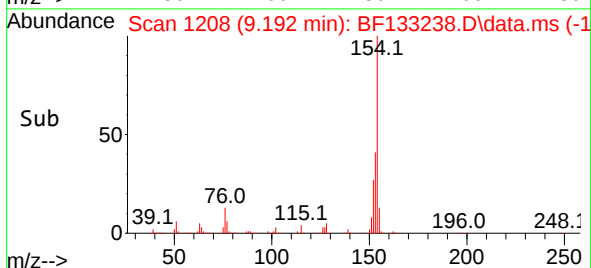
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

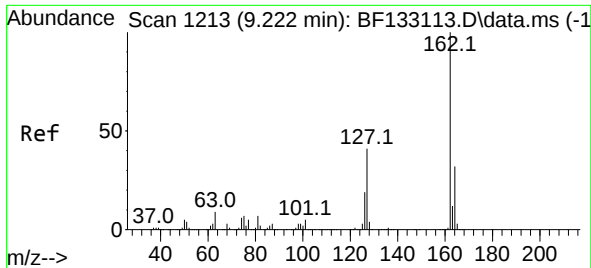


#46
1,1'-Biphenyl
Concen: 42.195 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04



Tgt Ion:154 Resp: 1453872
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 13.0 0.0 34.5





#47

2-Chloronaphthalene

Concen: 43.872 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

Tgt Ion:162 Resp: 1106418

Ion Ratio Lower Upper

162 100

127 39.5 32.3 48.5

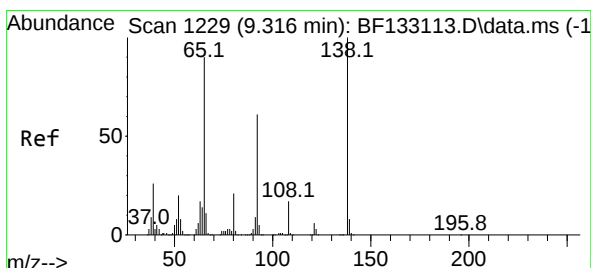
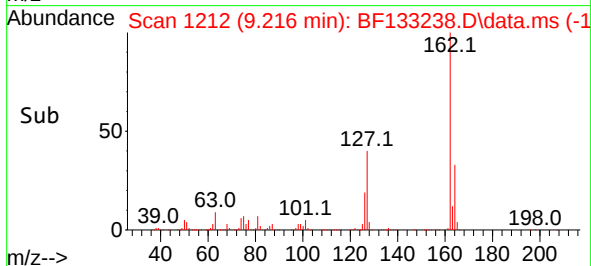
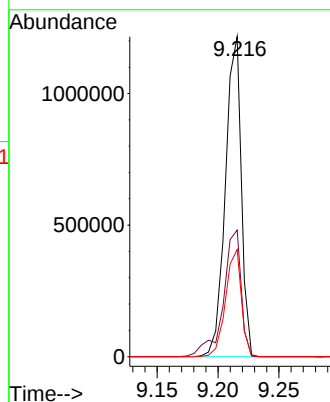
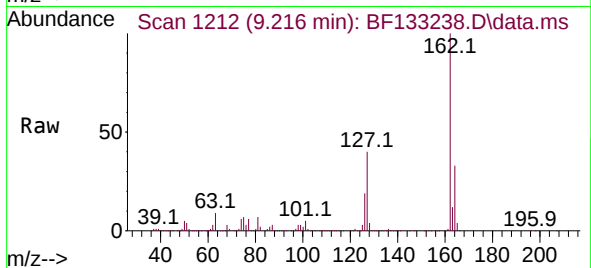
164 33.5 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#48

2-Nitroaniline

Concen: 43.175 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

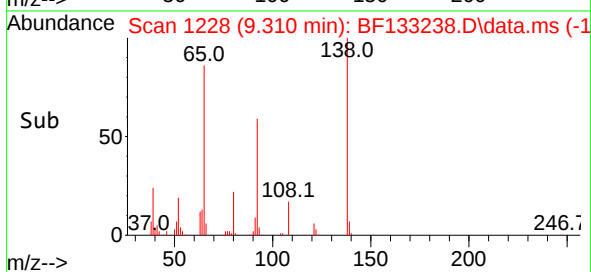
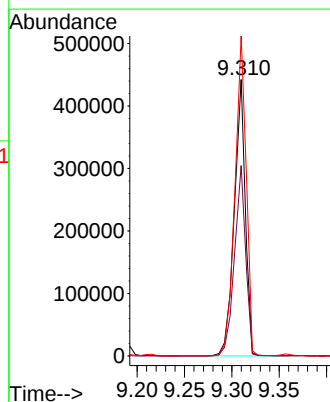
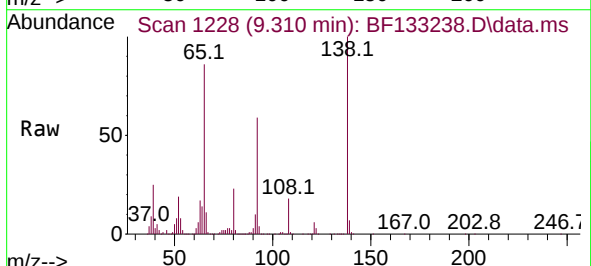
Tgt Ion: 65 Resp: 359863

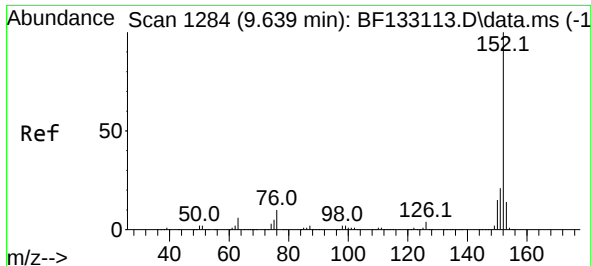
Ion Ratio Lower Upper

65 100

92 68.9 55.4 83.0

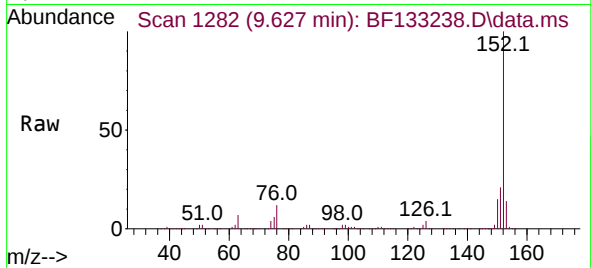
138 115.7 98.2 147.2





#49
Acenaphthylene
Concen: 42.458 ng
RT: 9.627 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

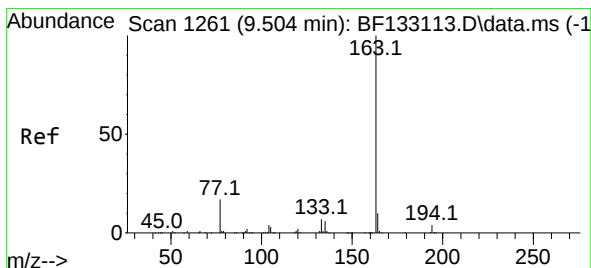
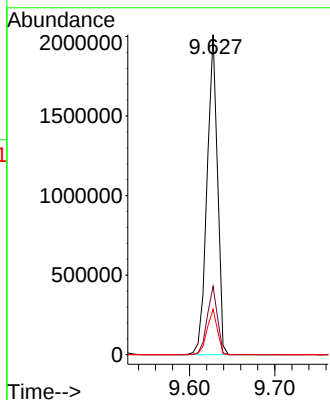
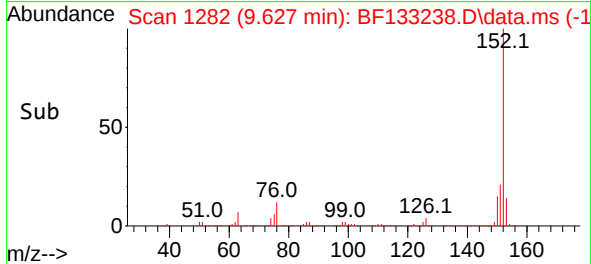
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



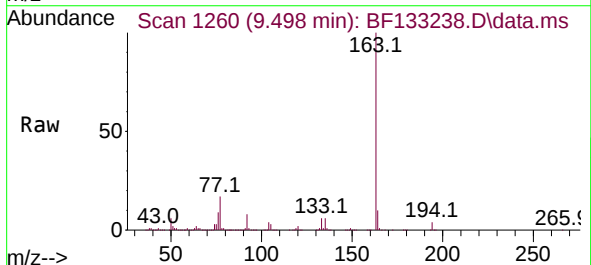
Tgt Ion:152 Resp: 1710911
Ion Ratio Lower Upper
152 100
151 21.3 16.6 24.8
153 14.2 11.5 17.3

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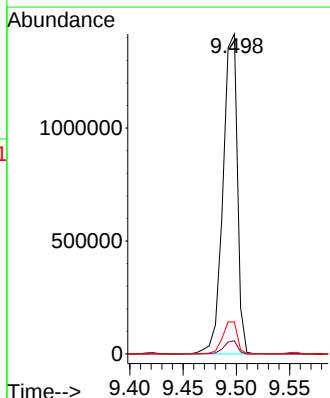
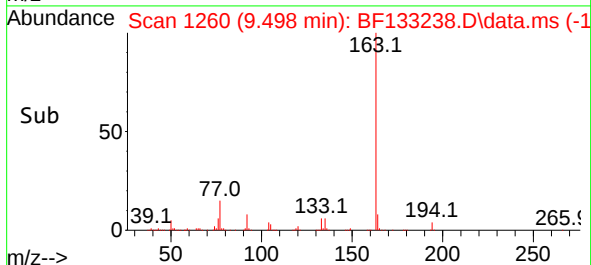
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

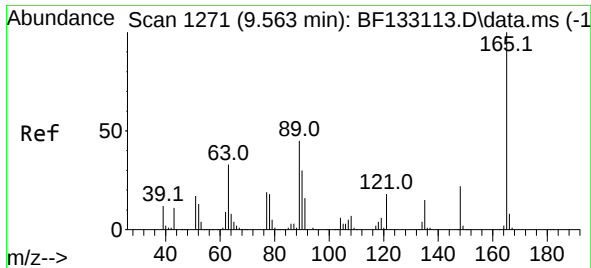


#50
Dimethylphthalate
Concen: 43.941 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04



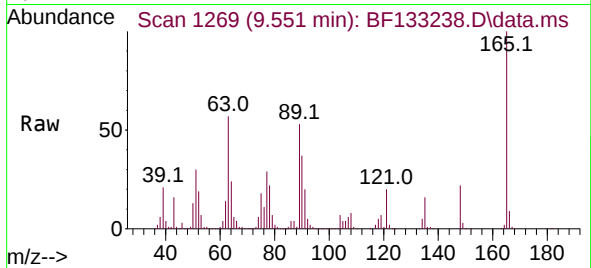
Tgt Ion:163 Resp: 1331354
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 46.235 ng
RT: 9.551 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

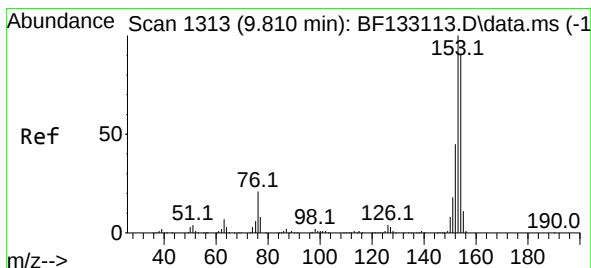
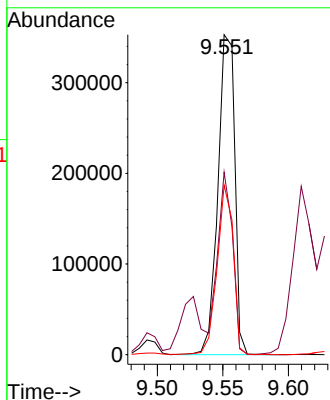
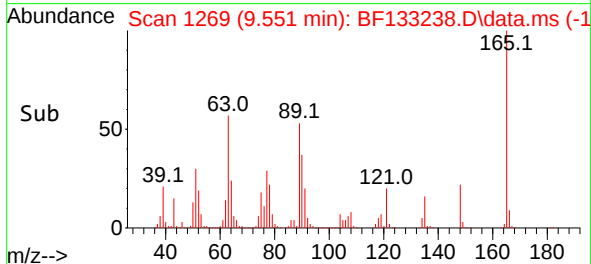
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



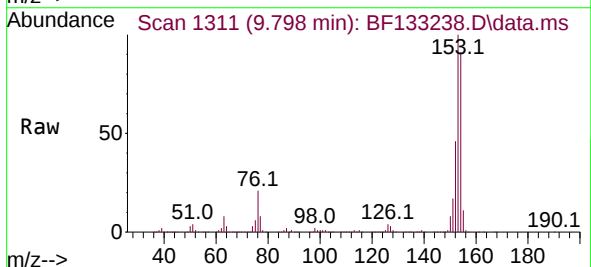
Tgt Ion:165 Resp: 315297
Ion Ratio Lower Upper
165 100
63 57.0 45.9 68.9
89 53.0 44.0 66.0

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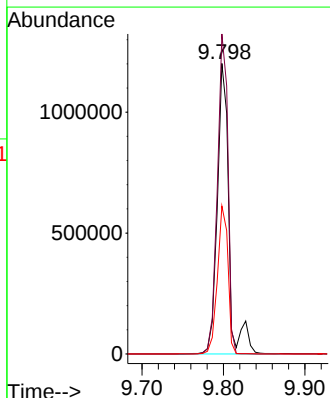
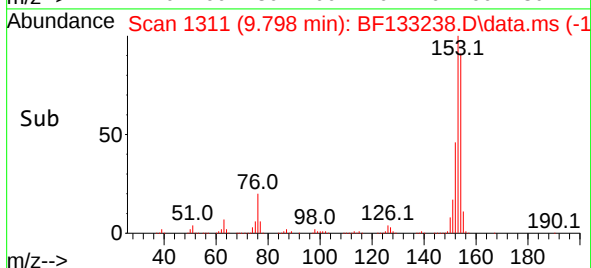
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

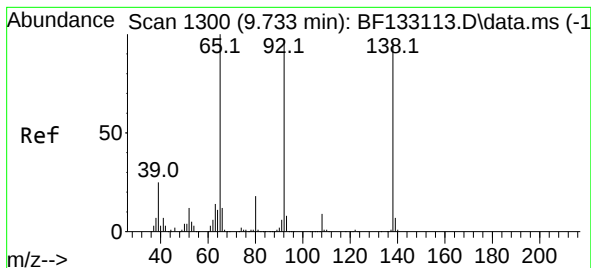


#52
Acenaphthene
Concen: 43.864 ng m
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04



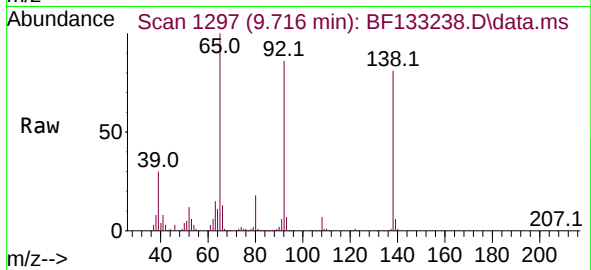
Tgt Ion:154 Resp: 1183837
Ion Ratio Lower Upper
154 100
153 110.1 89.0 133.6
152 51.0 40.4 60.6





#53
3-Nitroaniline
Concen: 21.099 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

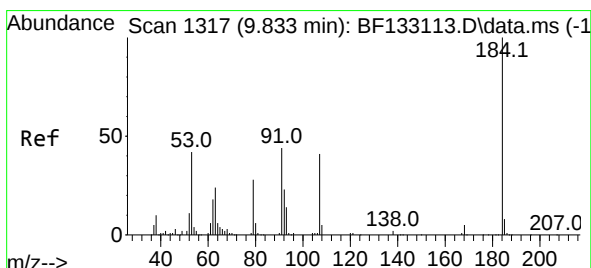
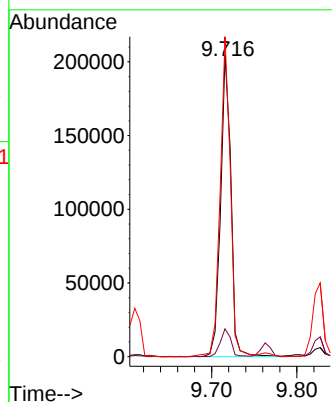
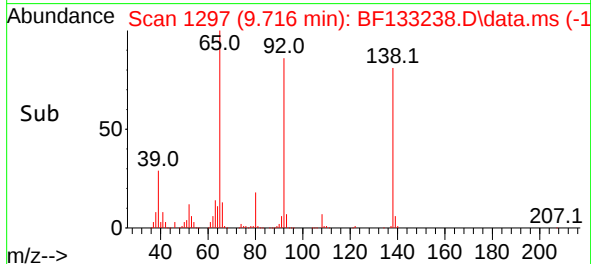
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



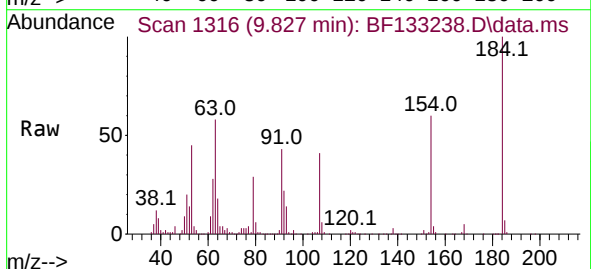
Tgt Ion:138 Resp: 171078
Ion Ratio Lower Upper
138 100
108 9.2 8.0 12.0
92 106.2 83.6 125.4

Manual Integrations
APPROVED

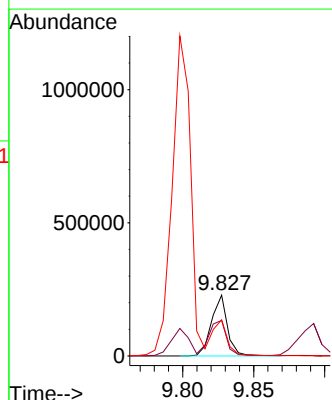
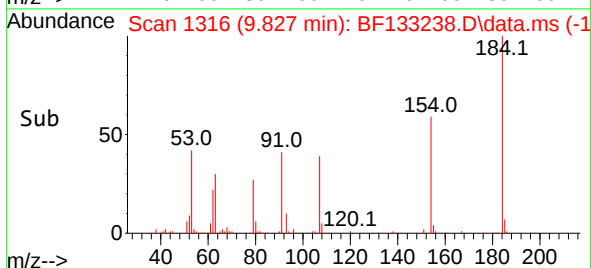
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

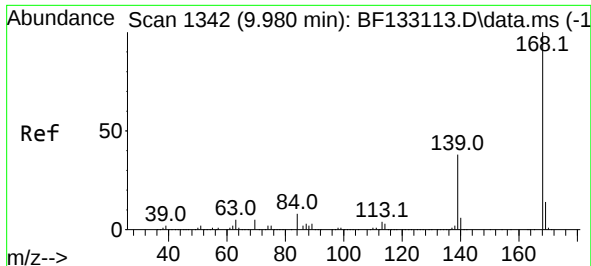


#54
2,4-Dinitrophenol
Concen: 52.368 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04



Tgt Ion:184 Resp: 179507
Ion Ratio Lower Upper
184 100
63 58.4 49.8 74.8
154 59.6 49.5 74.3





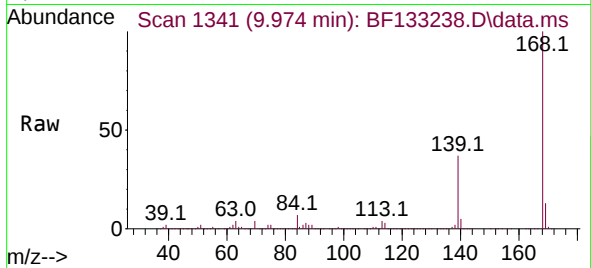
#55
Dibenzenofuran
Concen: 42.569 ng
RT: 9.974 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

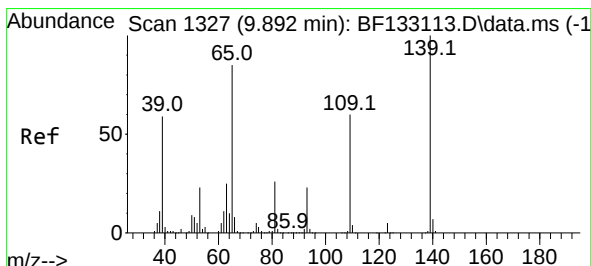
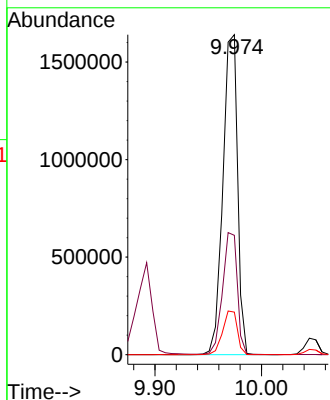
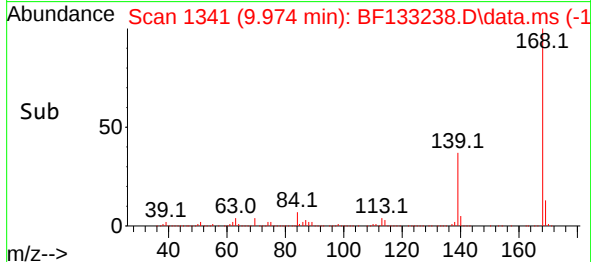


Tgt Ion:168 Resp: 156719
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.8
169 13.3 10.8 16.2

Manual Integrations

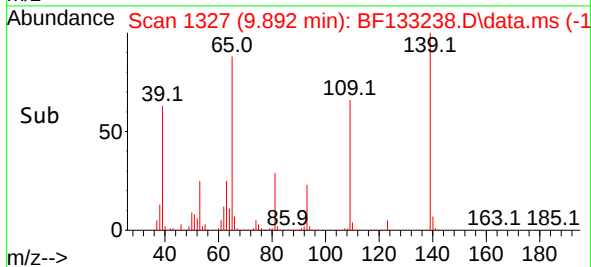
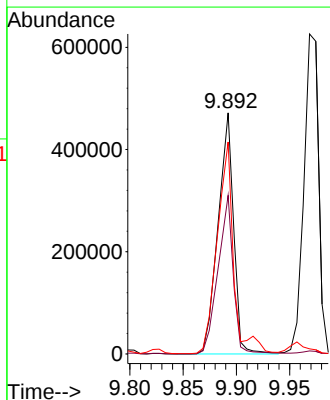
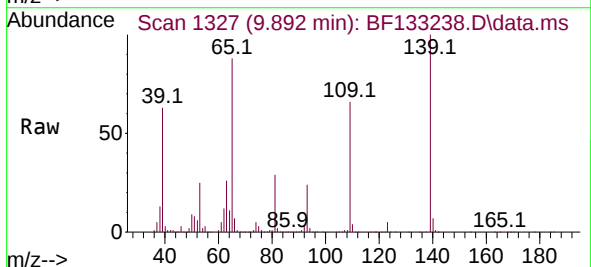
APPROVED

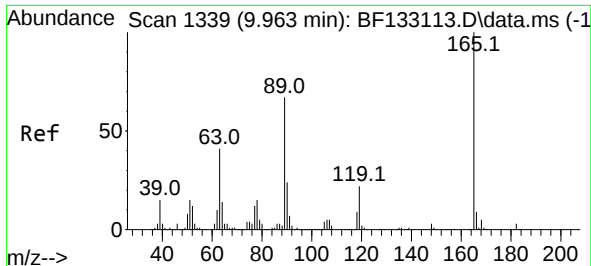
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#56
4-Nitrophenol
Concen: 76.291 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

Tgt Ion:139 Resp: 479121
Ion Ratio Lower Upper
139 100
109 65.8 39.4 79.4
65 88.0 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 46.390 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

Tgt Ion:165 Resp: 403439

Ion Ratio Lower Upper

165 100

63 44.5 37.7 56.5

89 69.6 57.0 85.4

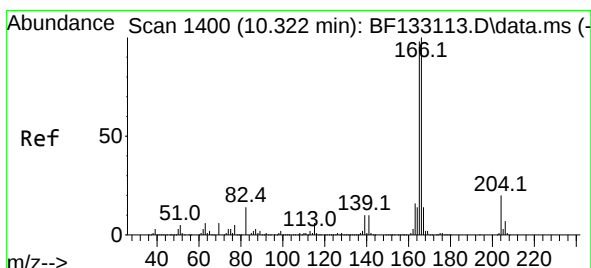
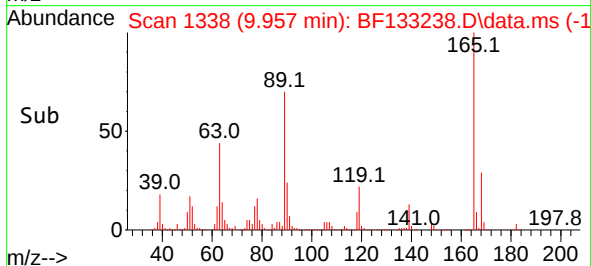
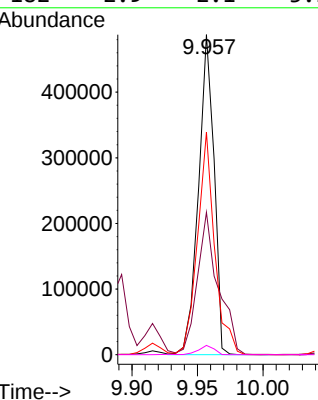
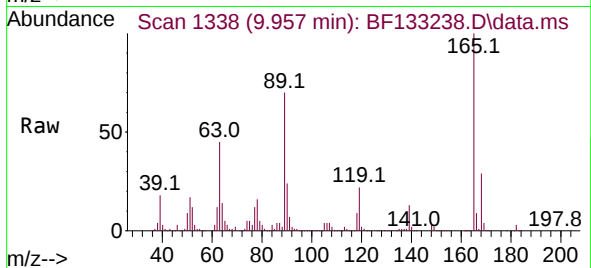
182 2.9 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#58

Fluorene

Concen: 42.182 ng

RT: 10.316 min Scan# 1399

Delta R.T. -0.000 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

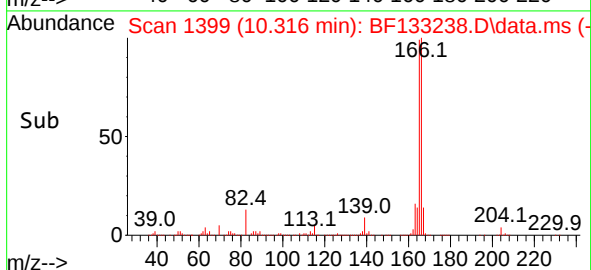
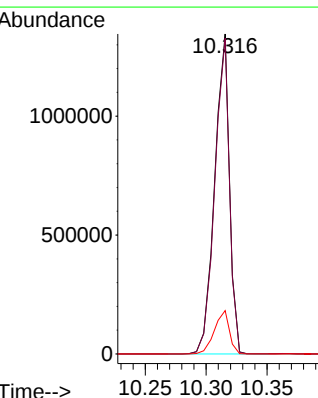
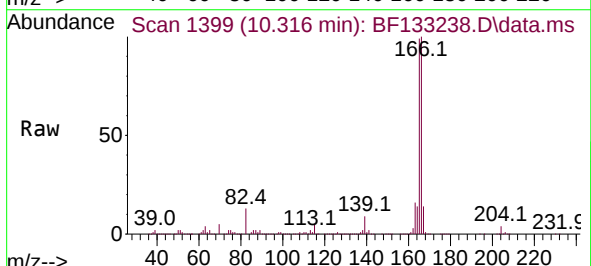
Tgt Ion:166 Resp: 1137745

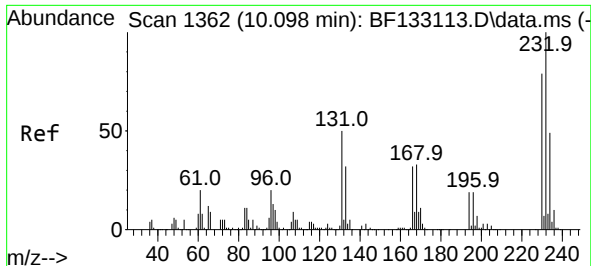
Ion Ratio Lower Upper

166 100

165 98.7 78.6 117.8

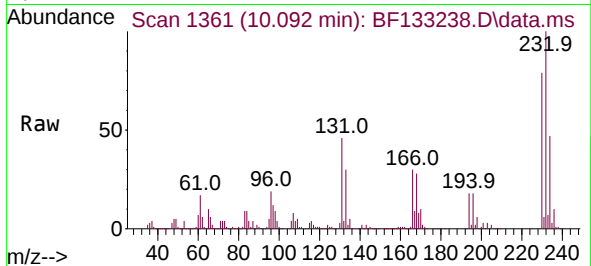
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.944 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

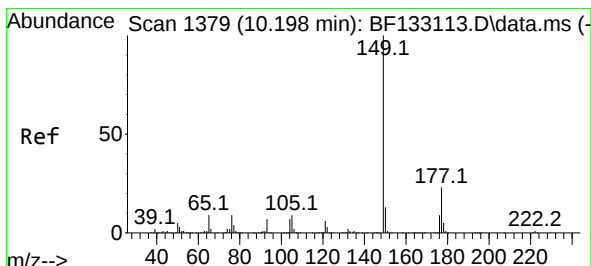
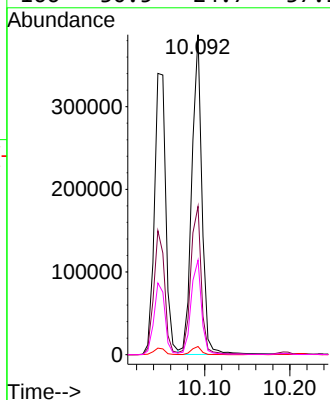
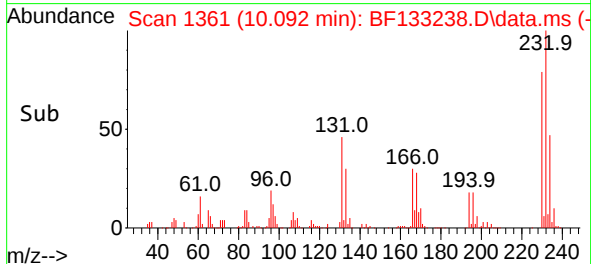
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



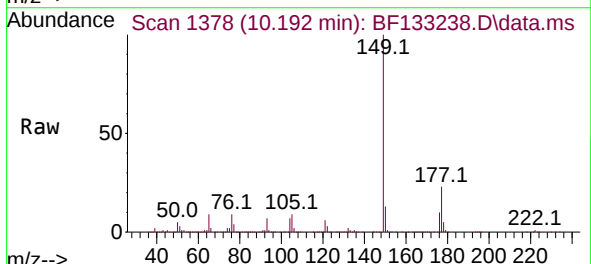
Tgt Ion:232 Resp: 31834
Ion Ratio Lower Upper
232 100
131 48.4 38.0 57.0
130 2.5 1.8 2.8
166 30.5 24.7 37.1

Manual Integrations
APPROVED

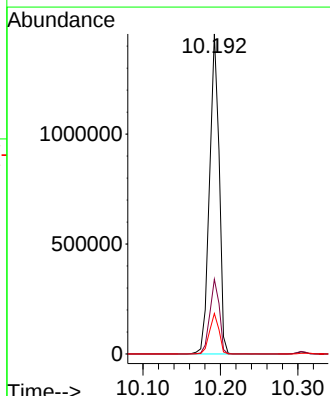
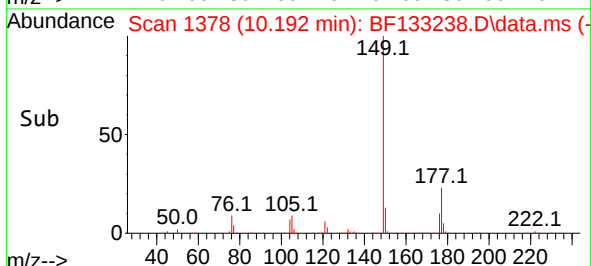
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

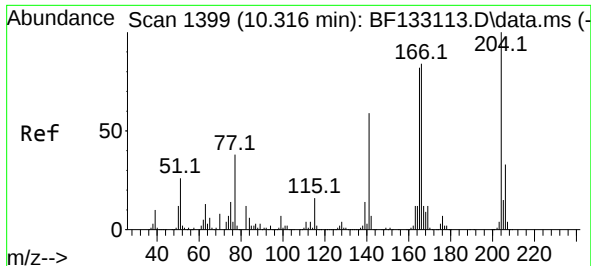


#60
Diethylphthalate
Concen: 43.620 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04



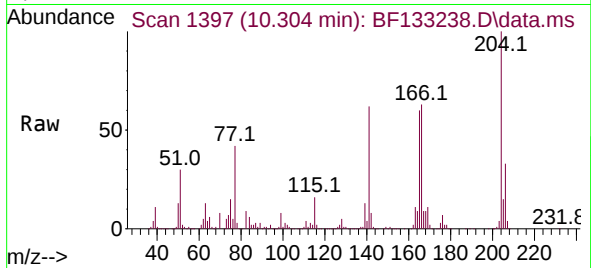
Tgt Ion:149 Resp: 1248345
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.553 ng
RT: 10.304 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

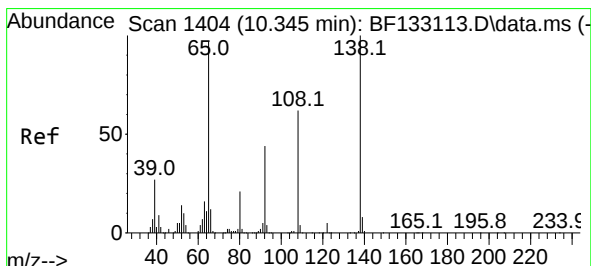
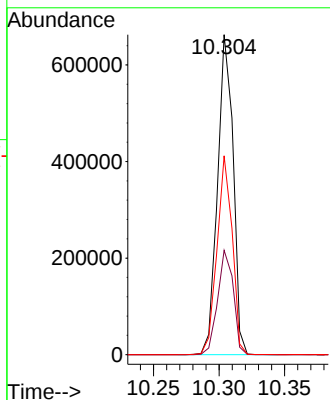
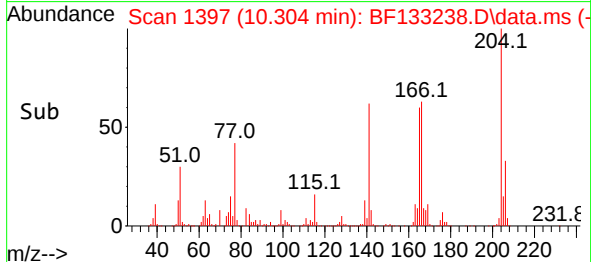
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



Tgt Ion:204 Resp: 546179
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 62.2 46.1 69.1

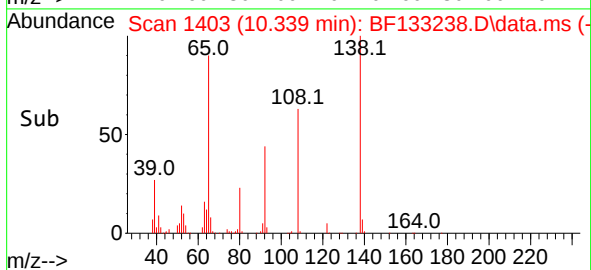
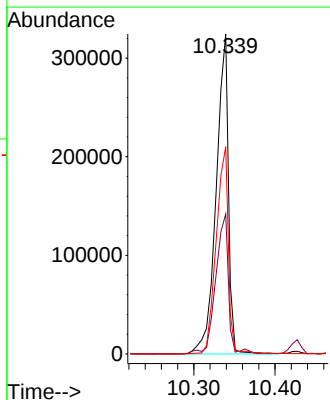
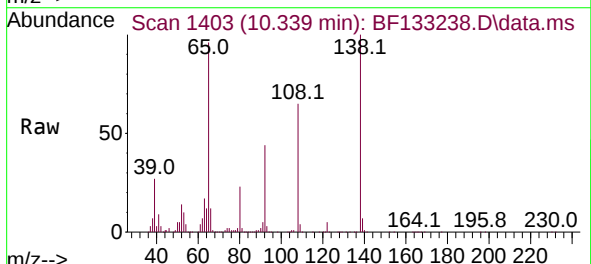
Manual Integrations
APPROVED

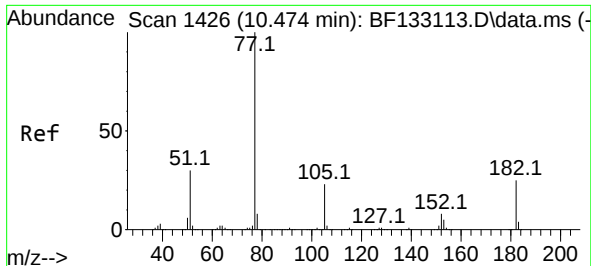
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#62
4-Nitroaniline
Concen: 45.760 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

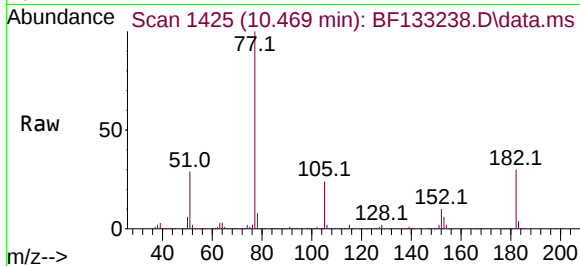
Tgt Ion:138 Resp: 341027
Ion Ratio Lower Upper
138 100
92 43.7 27.7 67.7
108 64.8 45.2 85.2





#63
Azobenzene
Concen: 41.048 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

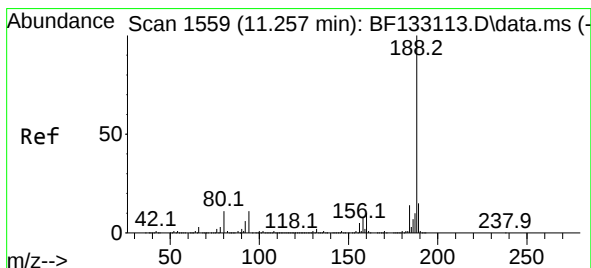
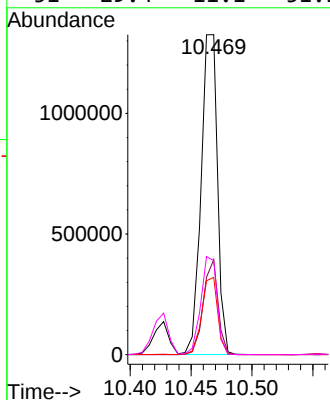
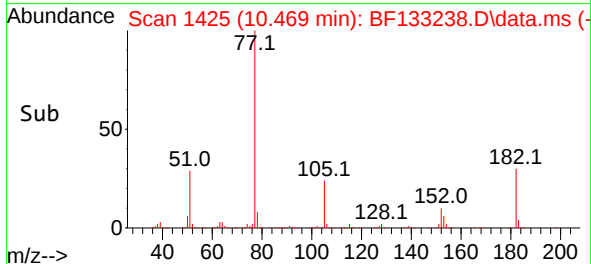
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



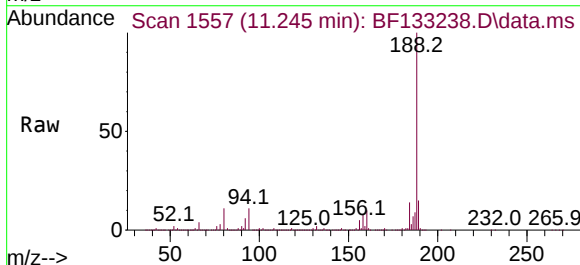
Tgt Ion: 77 Resp: 124445
Ion Ratio Lower Upper
77 100
182 29.7 5.9 45.9
105 24.1 2.3 42.3
51 29.4 11.1 51.1

Manual Integrations
APPROVED

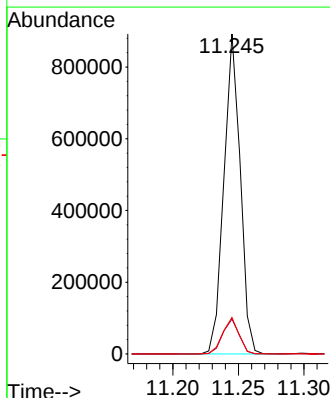
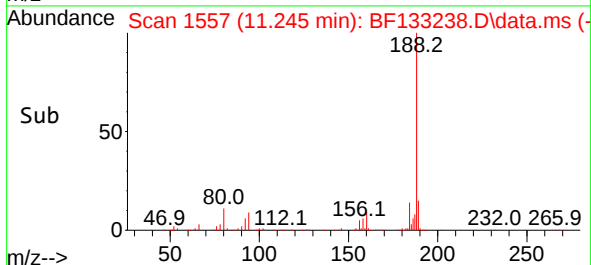
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

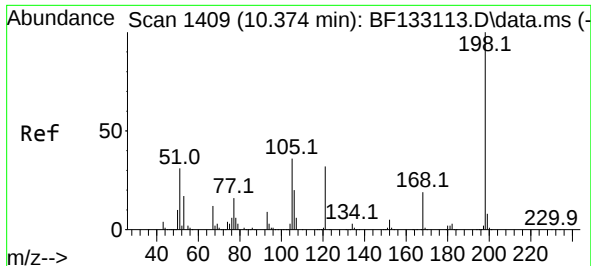


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04



Tgt Ion:188 Resp: 771975
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 11.4 10.4 15.6





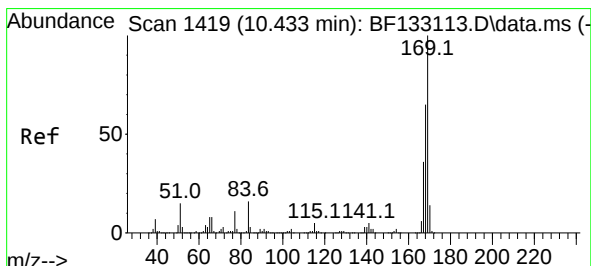
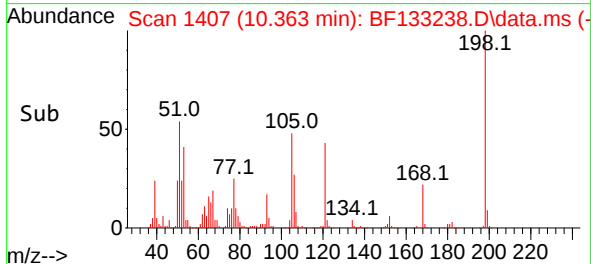
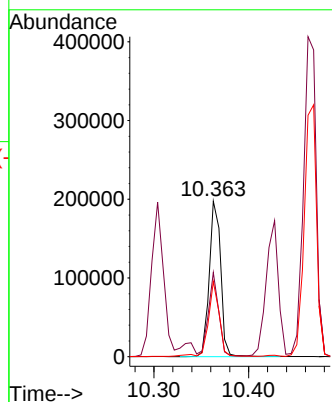
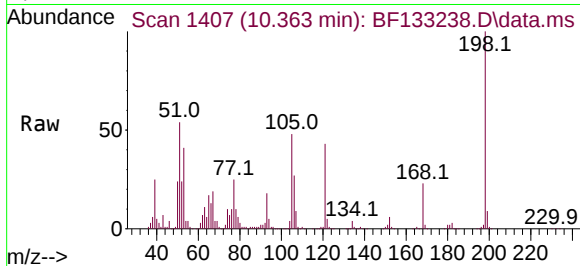
#65
4,6-Dinitro-2-methylphenol
Concen: 35.228 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

Tgt Ion:198 Resp: 164834
Ion Ratio Lower Upper
198 100
51 54.1 15.5 55.5
105 48.3 16.7 56.7

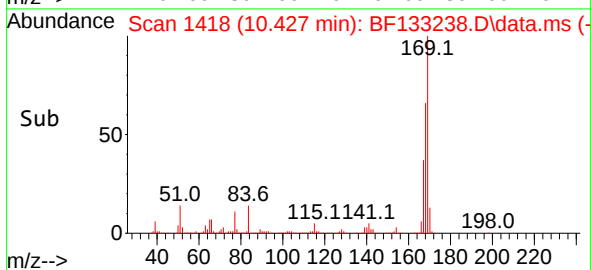
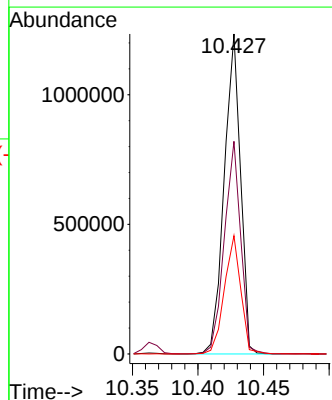
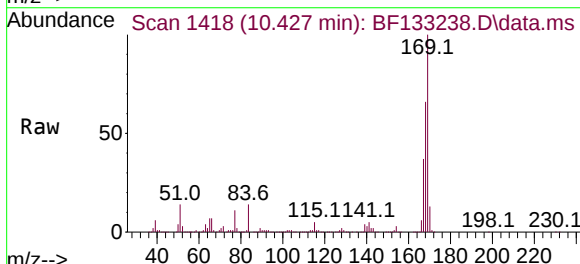
Manual Integrations
APPROVED

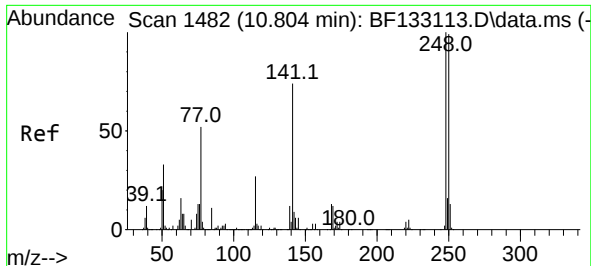
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#66
n-Nitrosodiphenylamine
Concen: 42.574 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

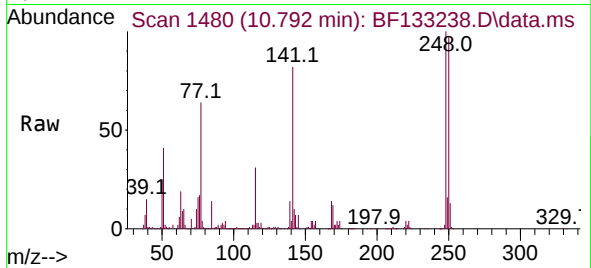
Tgt Ion:169 Resp: 1066087
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.8
167 37.0 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 42.151 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

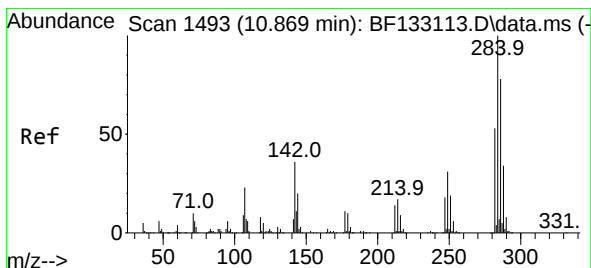
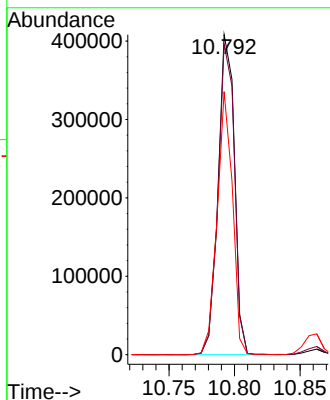
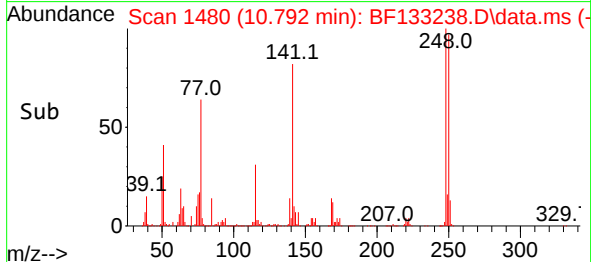
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



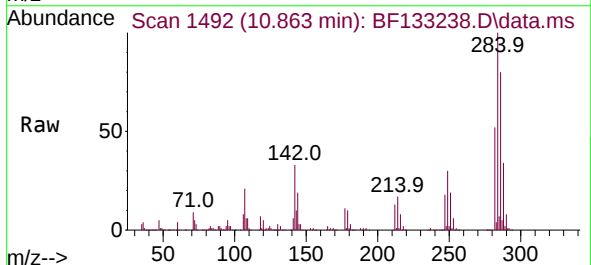
Tgt Ion:248 Resp: 35290
Ion Ratio Lower Upper
248 100
250 97.1 78.7 118.1
141 82.2 56.3 84.5

Manual Integrations
APPROVED

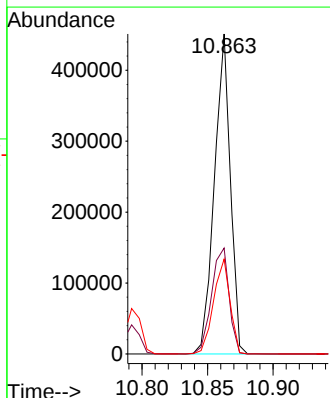
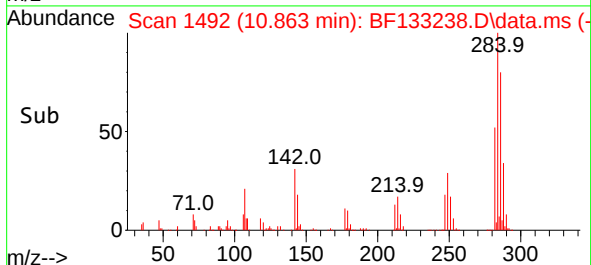
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

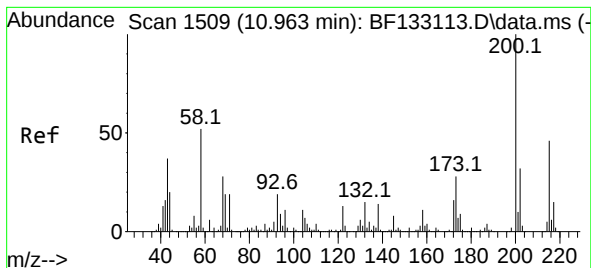


#68
Hexachlorobenzene
Concen: 44.353 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04



Tgt Ion:284 Resp: 380514
Ion Ratio Lower Upper
284 100
142 33.1 26.0 39.0
249 29.7 23.7 35.5





#69

Atrazine

Concen: 50.774 ng

RT: 10.957 min Scan# 1508

Delta R.T. -0.000 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

Tgt Ion:200 Resp: 36635

Ion Ratio Lower Upper

200 100

173 27.0 6.2 46.2

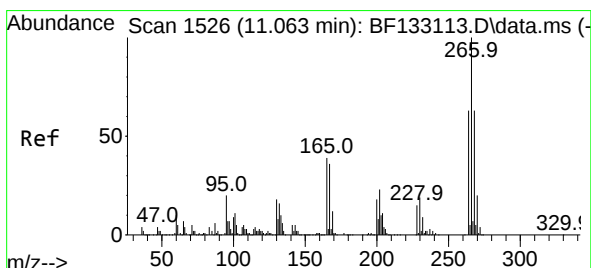
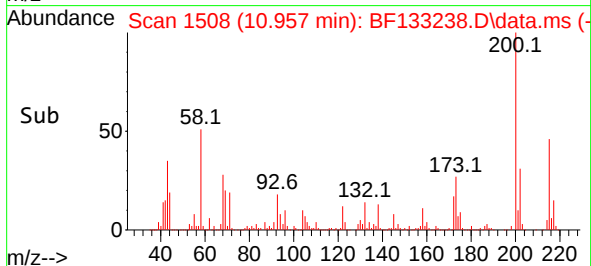
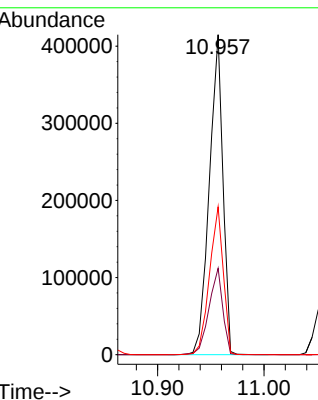
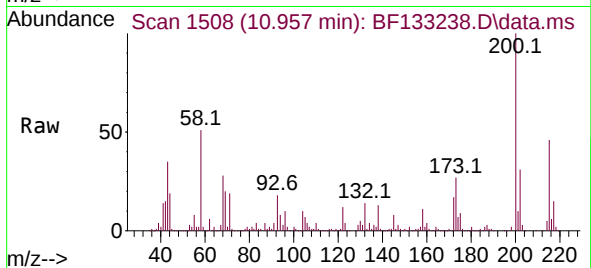
215 46.2 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#70

Pentachlorophenol

Concen: 67.741 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

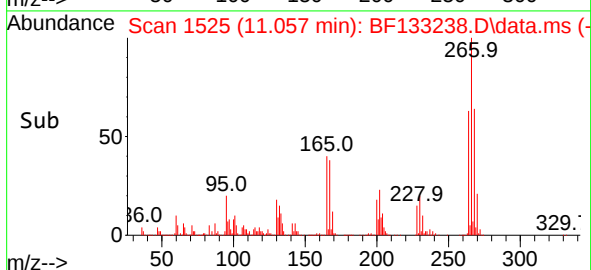
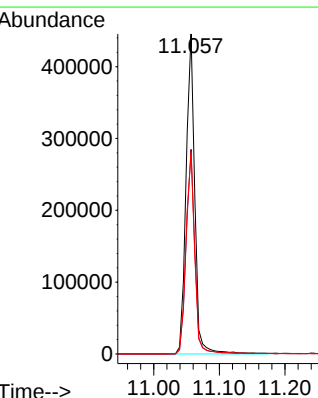
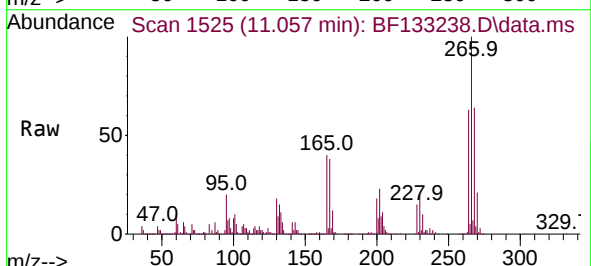
Tgt Ion:266 Resp: 413899

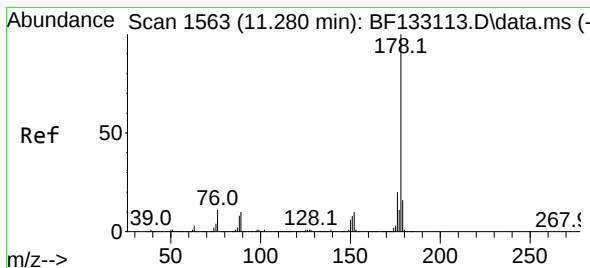
Ion Ratio Lower Upper

266 100

268 63.9 48.8 73.2

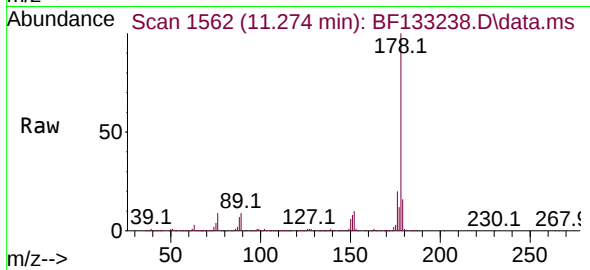
264 62.9 50.6 76.0





#71
Phenanthrene
Concen: 42.529 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

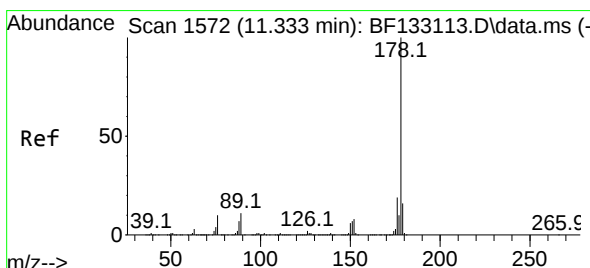
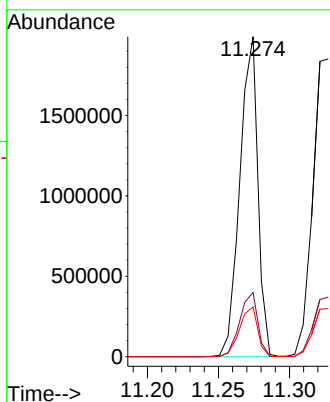
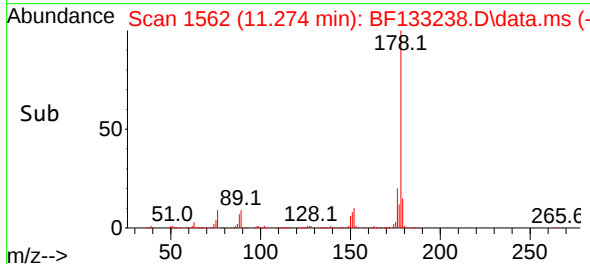
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



Tgt Ion:178 Resp: 1764574
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.5 12.5 18.7

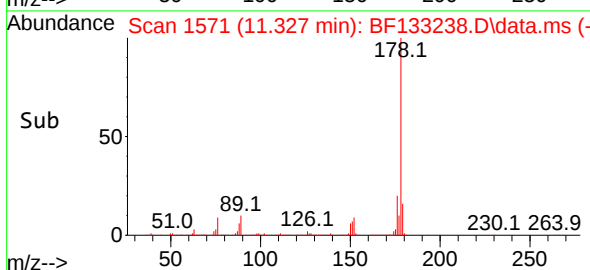
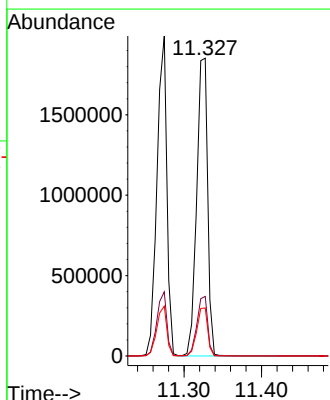
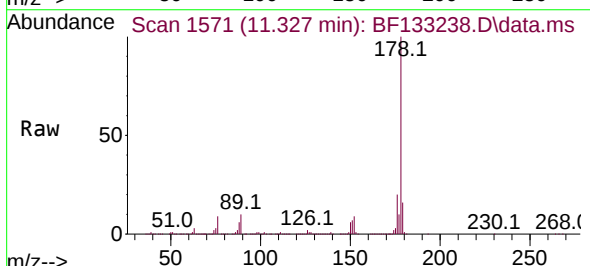
Manual Integrations
APPROVED

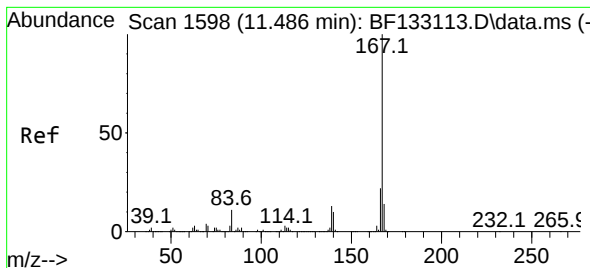
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#72
Anthracene
Concen: 42.798 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

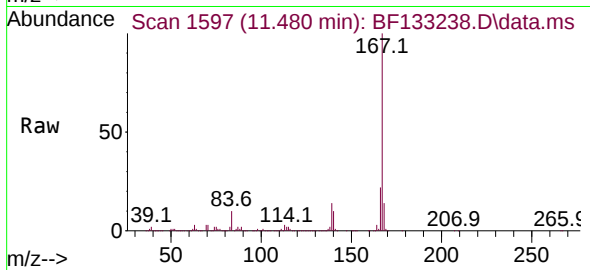
Tgt Ion:178 Resp: 1817274
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.0
179 16.1 12.4 18.6





#73
 Carbazole
 Concen: 43.443 ng
 RT: 11.480 min Scan# 1598
 Delta R.T. -0.000 min
 Lab File: BF133238.D
 Acq: 04 May 2023 19:04

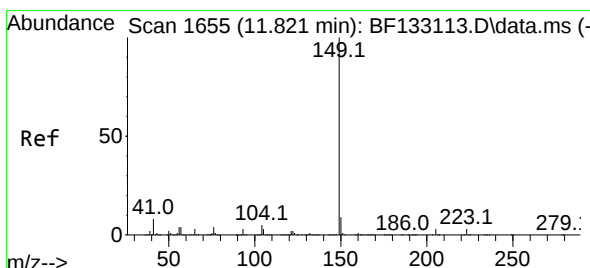
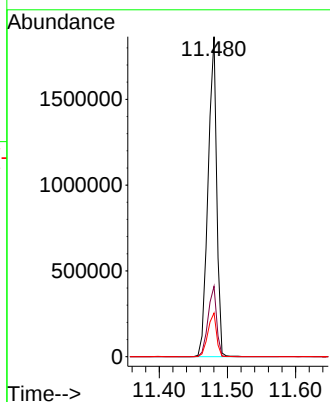
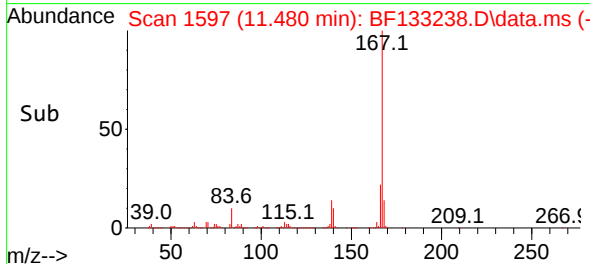
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MS



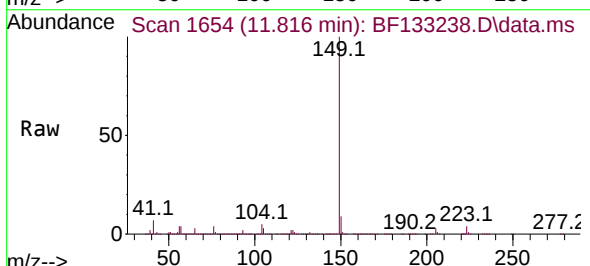
Tgt Ion:167 Resp: 1642550
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.7 10.6 16.0

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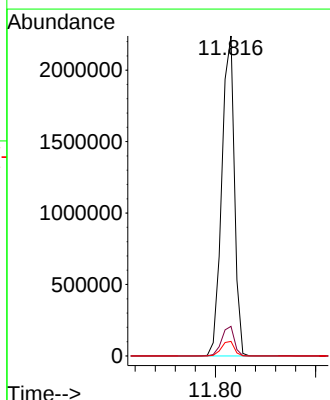
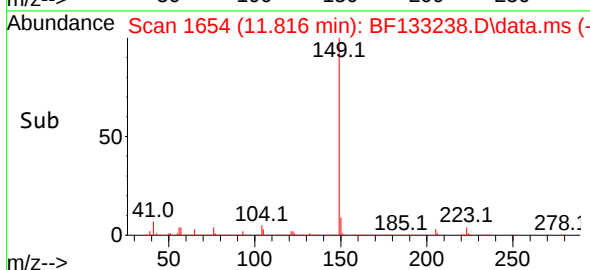
Reviewed By :Christian Giraldo 05/05/2023
 Supervised By :Jagrut Upadhyay 05/05/2023

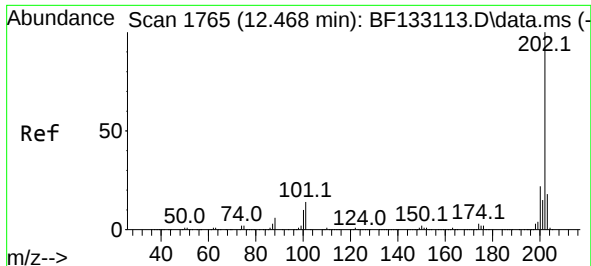


#74
 Di-n-butylphthalate
 Concen: 45.584 ng
 RT: 11.816 min Scan# 1654
 Delta R.T. -0.000 min
 Lab File: BF133238.D
 Acq: 04 May 2023 19:04



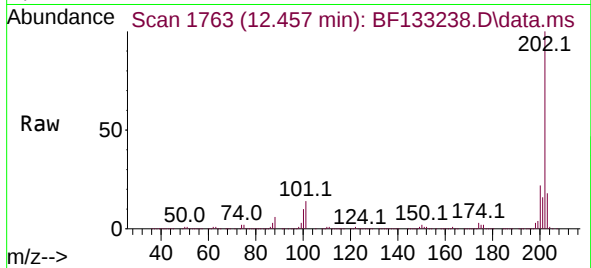
Tgt Ion:149 Resp: 1950403
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 4.6 4.0 6.0





#75
Fluoranthene
Concen: 41.471 ng
RT: 12.457 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

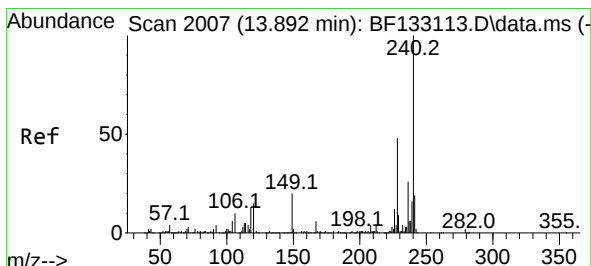
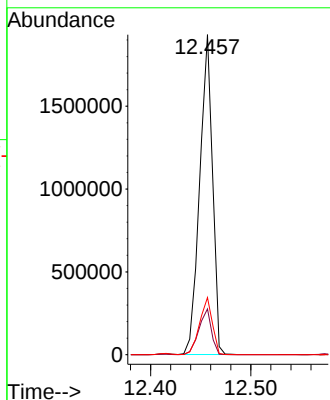
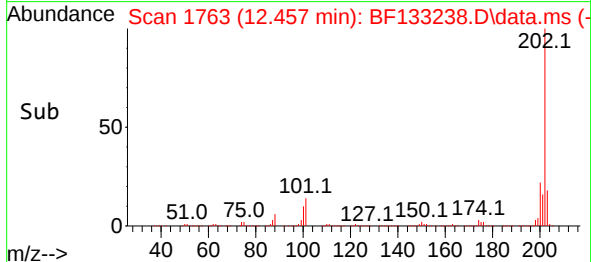
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



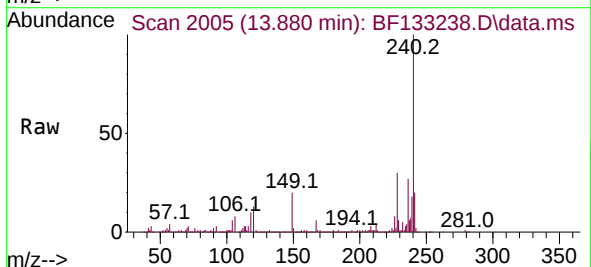
Tgt Ion:202 Resp: 1726892
Ion Ratio Lower Upper
202 100
101 14.3 0.0 35.3
203 17.9 0.0 38.1

Manual Integrations
APPROVED

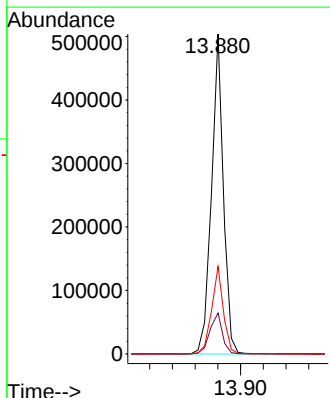
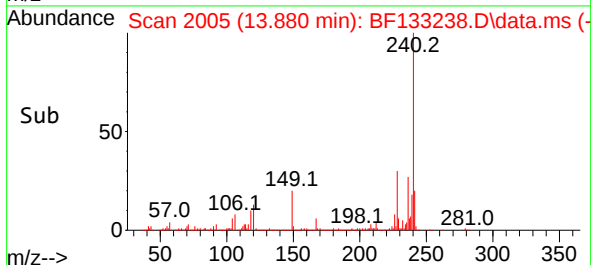
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

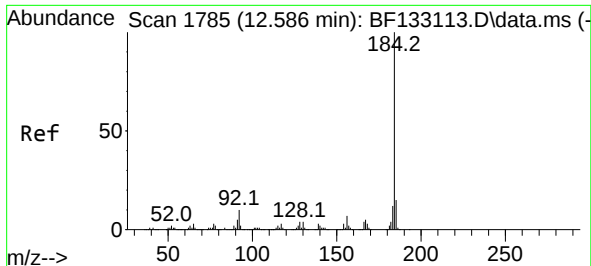


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04



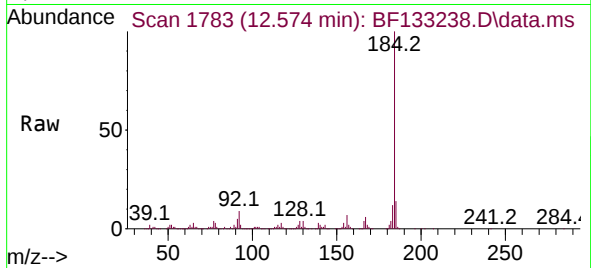
Tgt Ion:240 Resp: 365594
Ion Ratio Lower Upper
240 100
120 12.8 10.5 15.7
236 27.4 21.5 32.3





#77
Benzidine
Concen: 82.145 ng
RT: 12.574 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

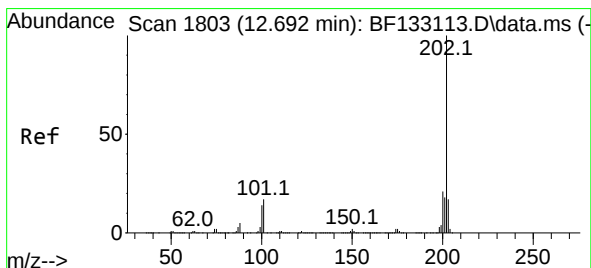
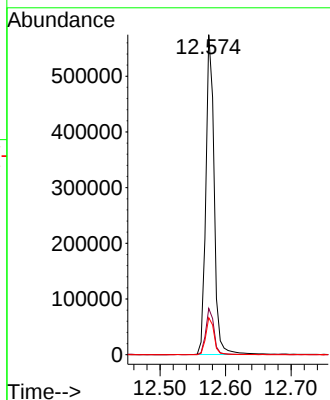
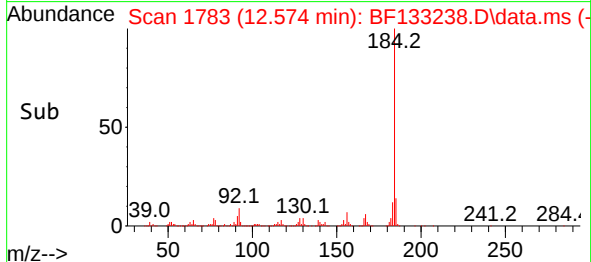
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



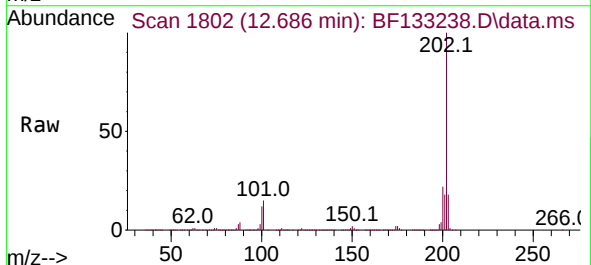
Tgt Ion:184 Resp: 50785
Ion Ratio Lower Upper
184 100
185 14.5 15.4 23.2
183 11.6 9.4 14.0

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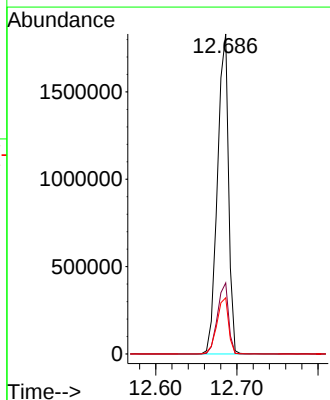
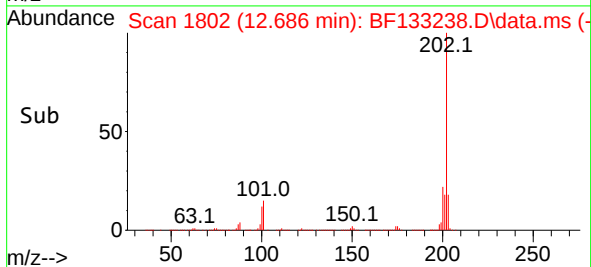
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

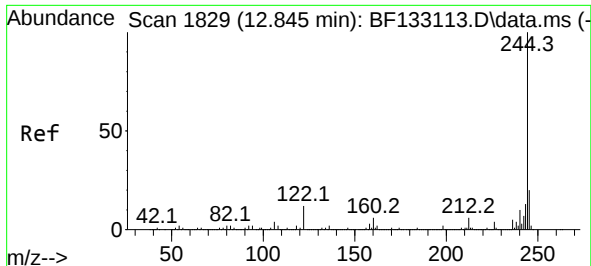


#78
Pyrene
Concen: 55.533 ng
RT: 12.686 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04



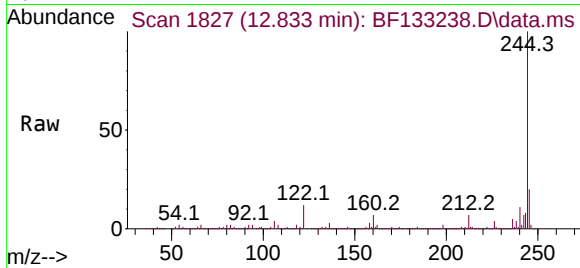
Tgt Ion:202 Resp: 1740397
Ion Ratio Lower Upper
202 100
200 22.2 17.1 25.7
203 17.5 14.1 21.1





#79
Terphenyl-d14
Concen: 107.023 ng
RT: 12.833 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

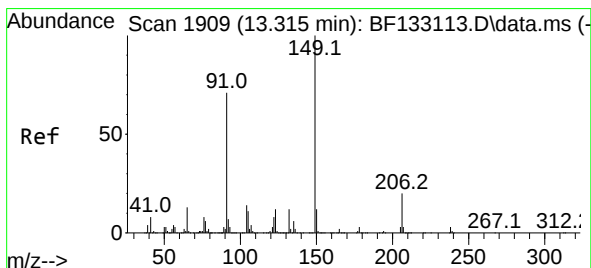
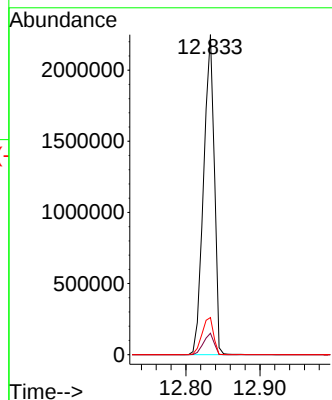
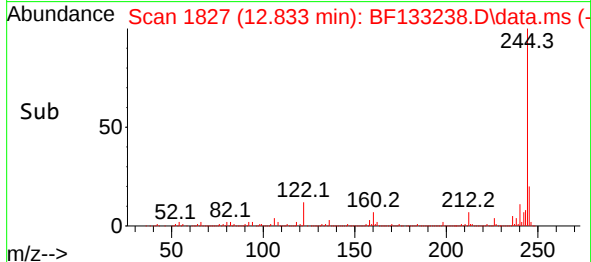
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



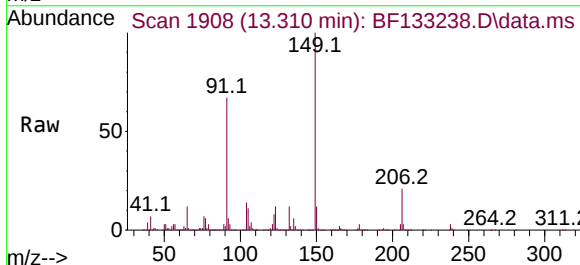
Tgt Ion:244 Resp: 2268672
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 11.6 8.6 13.0

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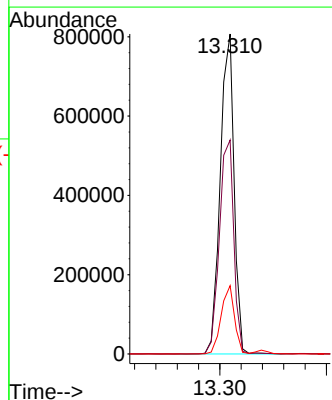
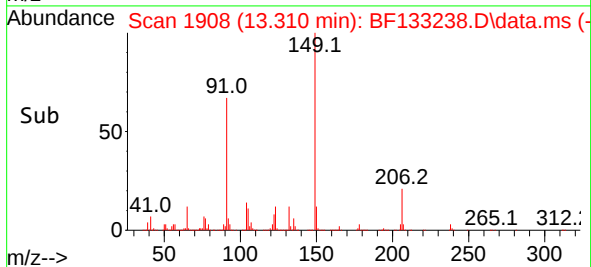
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

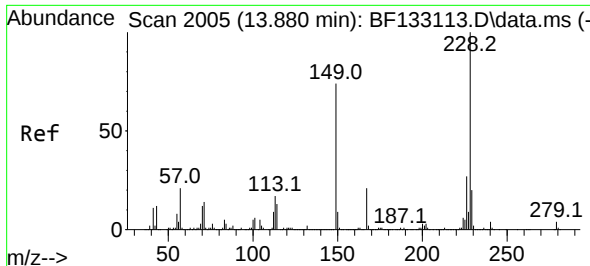


#80
Butylbenzylphthalate
Concen: 65.066 ng
RT: 13.310 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04



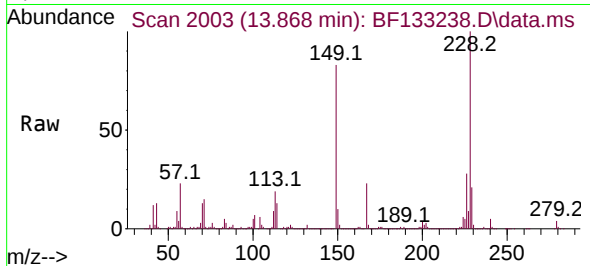
Tgt Ion:149 Resp: 722016
Ion Ratio Lower Upper
149 100
91 66.9 53.8 80.6
206 21.4 17.5 26.3





#81
Benzo(a)anthracene
Concen: 43.104 ng
RT: 13.868 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

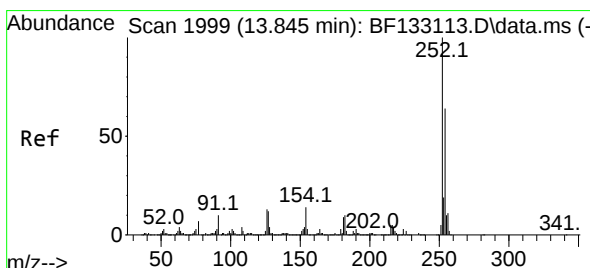
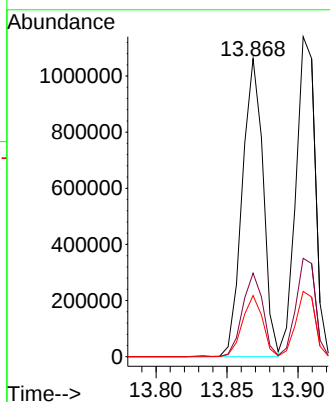
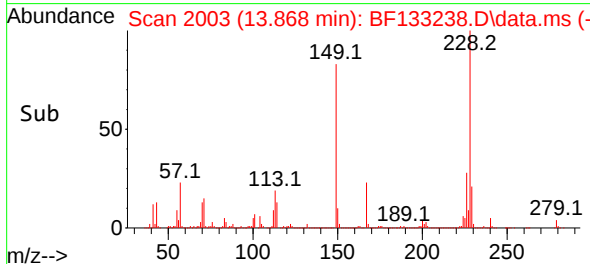
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



Tgt Ion:228 Resp: 108366
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.4
229 20.5 16.0 24.0

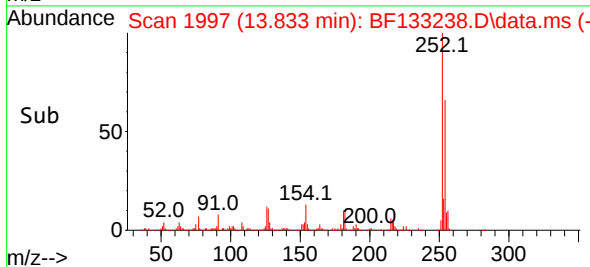
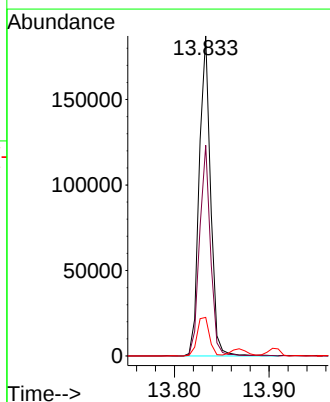
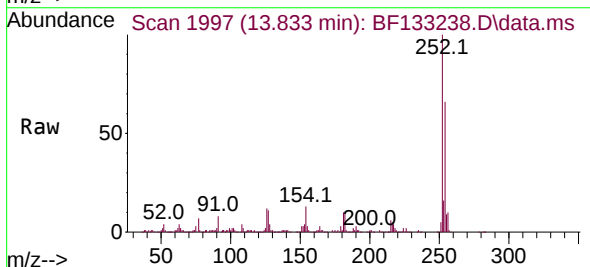
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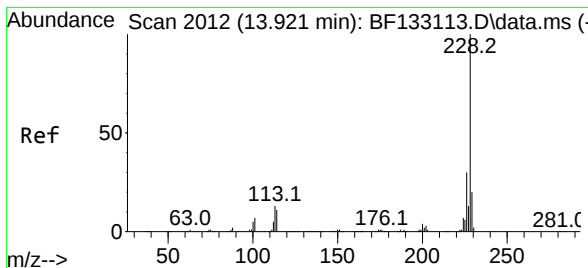
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#82
3,3'-Dichlorobenzidine
Concen: 22.390 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

Tgt Ion:252 Resp: 155499
Ion Ratio Lower Upper
252 100
254 65.8 51.5 77.3
126 12.1 9.5 14.3





#83

Chrysene

Concen: 42.903 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

Tgt Ion:228 Resp: 107834

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

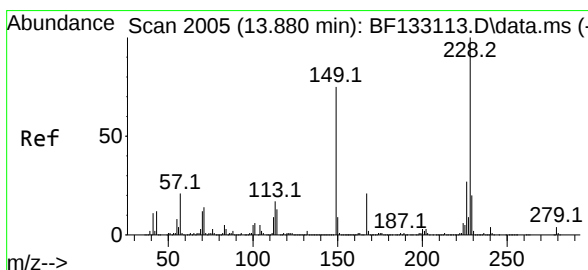
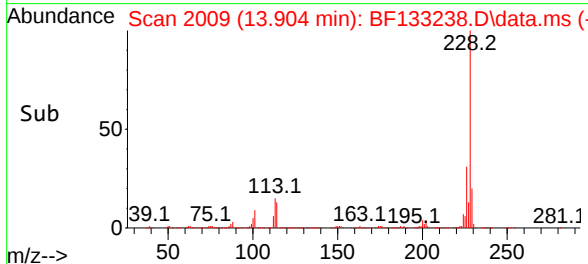
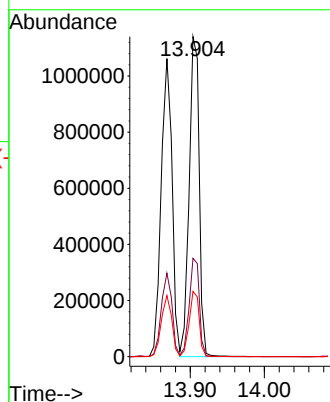
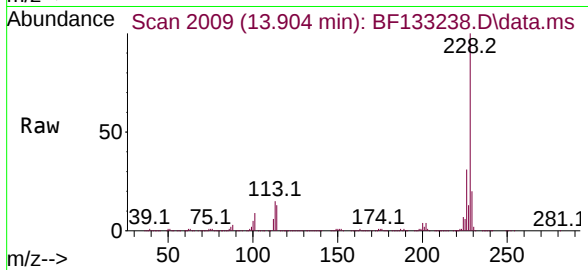
229 20.4 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.858 ng

RT: 13.868 min Scan# 2003

Delta R.T. -0.000 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

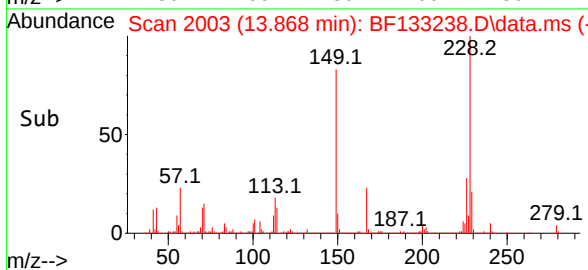
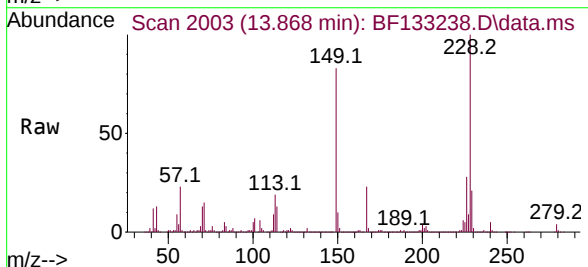
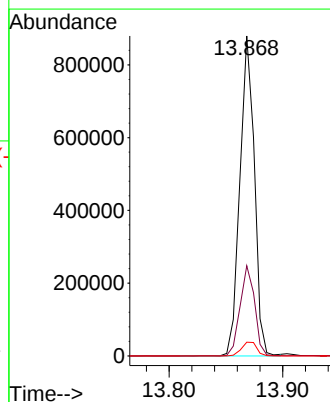
Tgt Ion:149 Resp: 778004

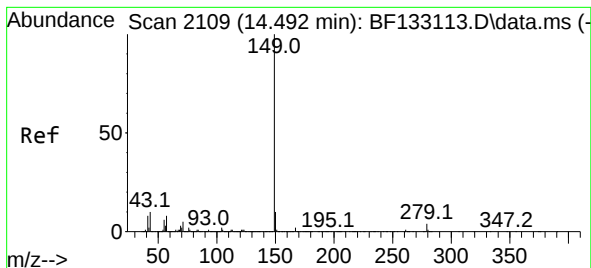
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 4.3 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 52.620 ng

RT: 14.480 min Scan# 2107

Delta R.T. -0.000 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

Tgt Ion:149 Resp: 119505

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

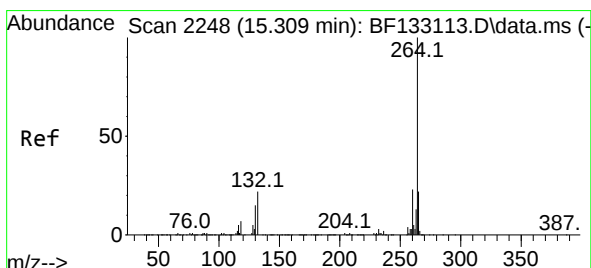
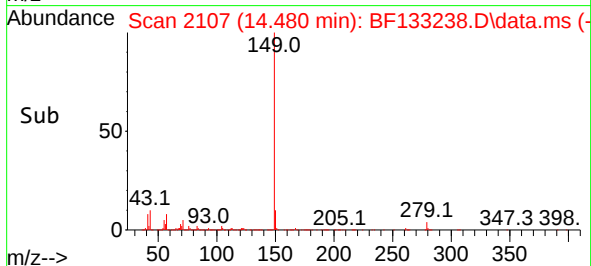
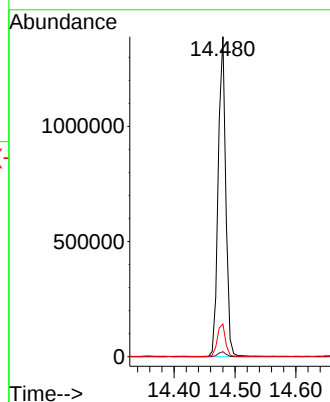
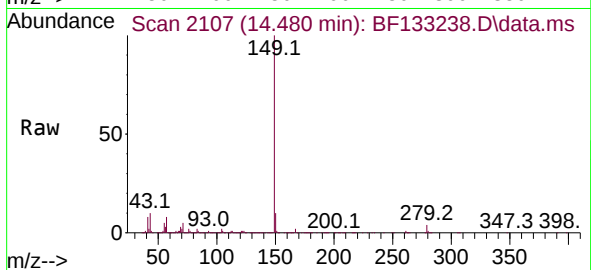
43 10.8 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. -0.006 min

Lab File: BF133238.D

Acq: 04 May 2023 19:04

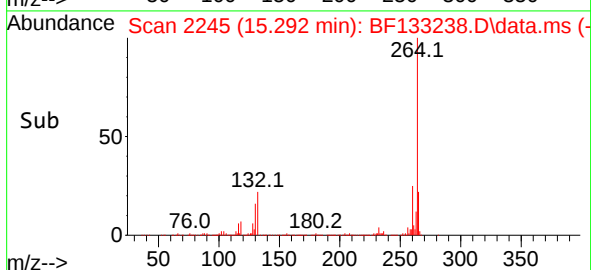
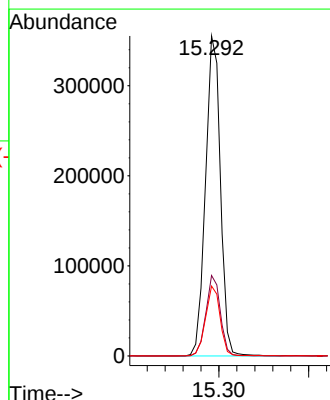
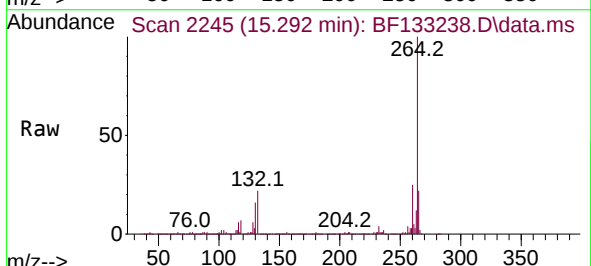
Tgt Ion:264 Resp: 409111

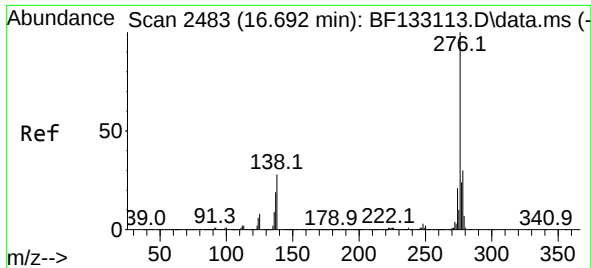
Ion Ratio Lower Upper

264 100

260 25.2 18.8 28.2

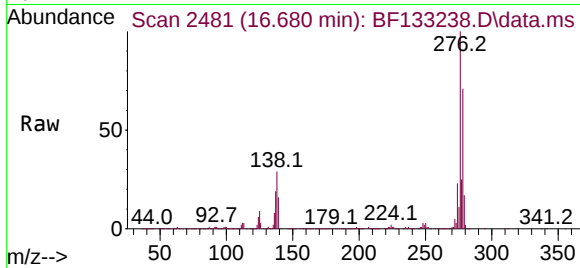
265 21.9 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 55.920 ng
 RT: 16.680 min Scan# 2483
 Delta R.T. 0.006 min
 Lab File: BF133238.D
 Acq: 04 May 2023 19:04

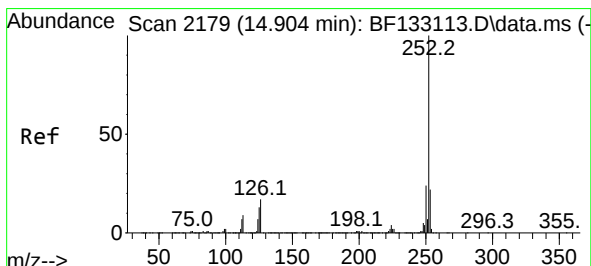
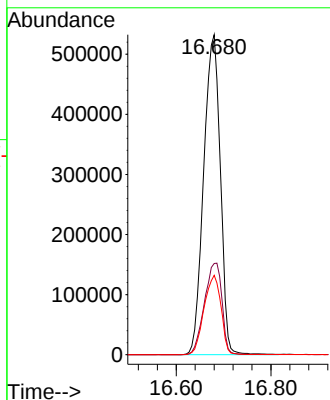
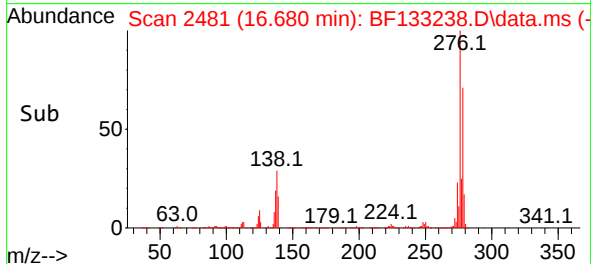
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MS



Tgt Ion: 276 Resp: 130131
 Ion Ratio Lower Upper
 276 100
 138 30.2 25.5 38.3
 277 25.3 20.4 30.6

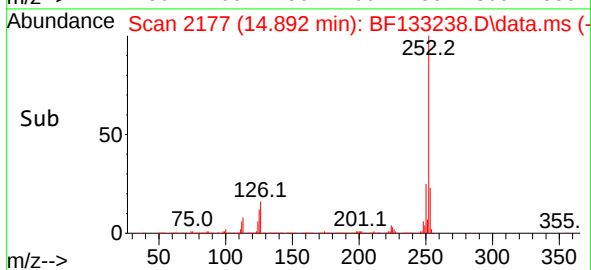
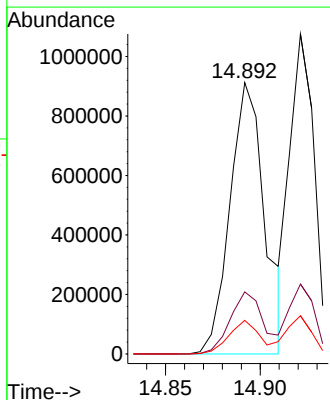
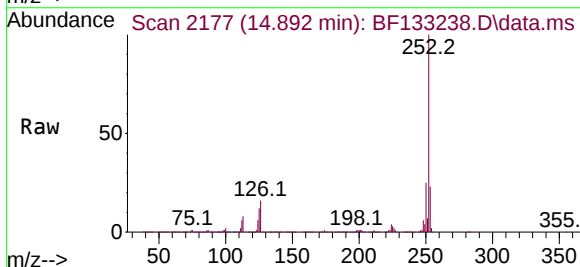
Manual Integrations
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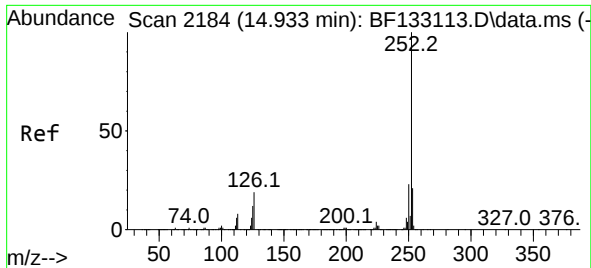
Reviewed By : Christian Giraldo 05/05/2023
 Supervised By : Jagrut Upadhyay 05/05/2023



#88
 Benzo(b)fluoranthene
 Concen: 44.668 ng
 RT: 14.892 min Scan# 2177
 Delta R.T. -0.006 min
 Lab File: BF133238.D
 Acq: 04 May 2023 19:04

Tgt Ion: 252 Resp: 1162570
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.6 26.4
 125 12.4 8.9 13.3





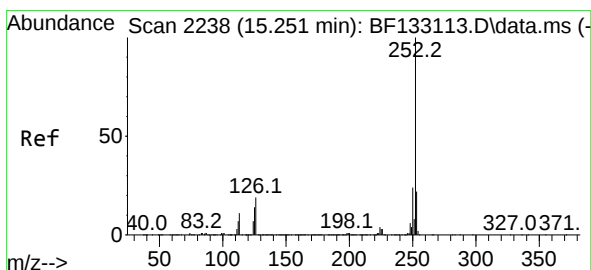
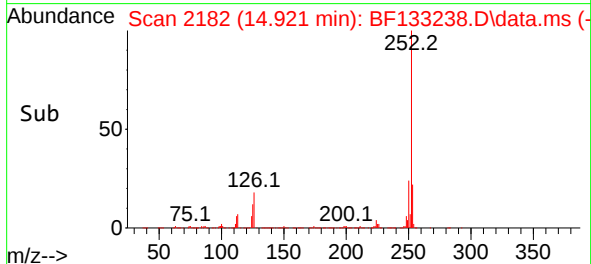
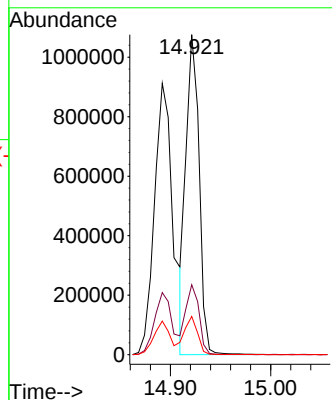
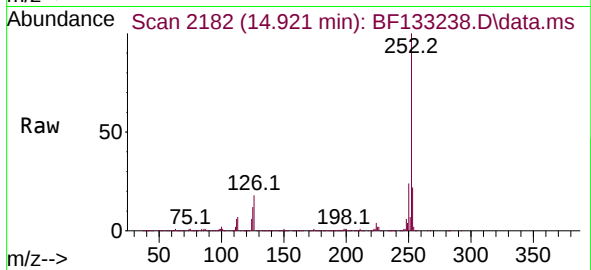
#89
Benzo(k)fluoranthene
Concen: 37.856 ng
RT: 14.921 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

Tgt Ion:252 Resp: 97670
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 12.0 9.0 13.4

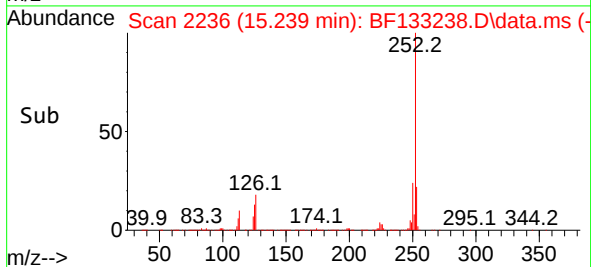
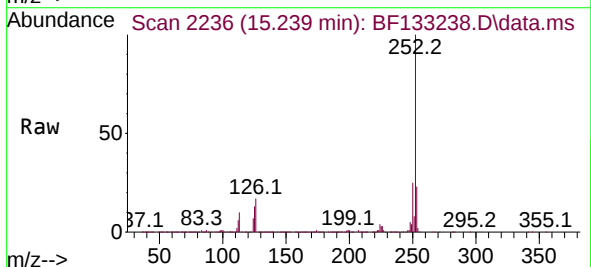
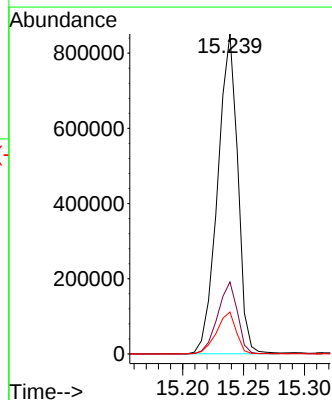
Manual Integrations
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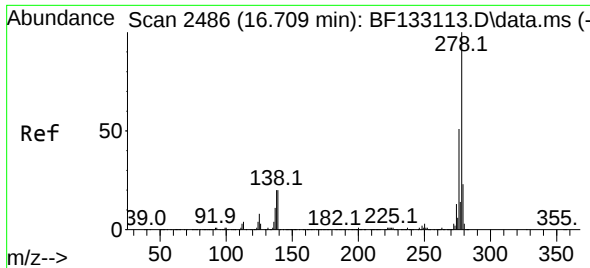
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#90
Benzo(a)pyrene
Concen: 41.336 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

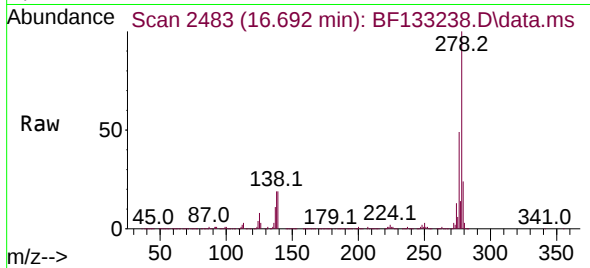
Tgt Ion:252 Resp: 979261
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 13.1 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 55.757 ng
RT: 16.692 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04

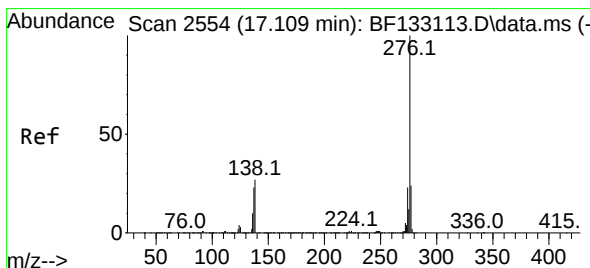
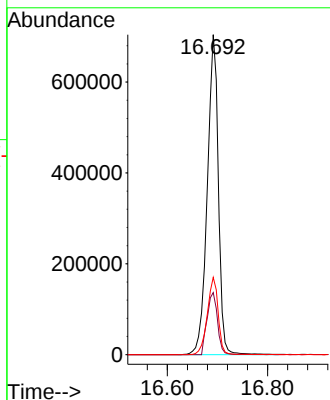
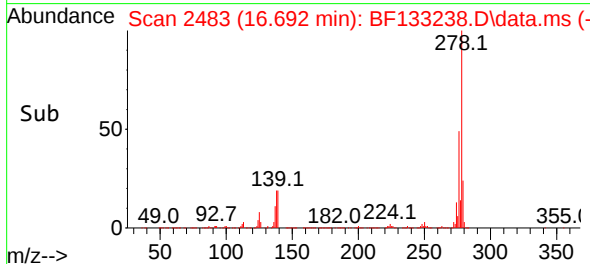
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS



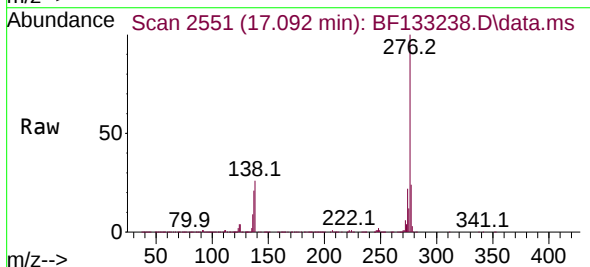
Tgt Ion:278 Resp: 108220
Ion Ratio Lower Upper
278 100
139 19.4 16.6 24.8
279 24.2 18.8 28.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 53.796 ng
RT: 17.092 min Scan# 2551
Delta R.T. -0.000 min
Lab File: BF133238.D
Acq: 04 May 2023 19:04



Tgt Ion:276 Resp: 1030827
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 25.6 22.7 34.1

