

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133239.D
 Acq On : 04 May 2023 19:35
 Operator : CG\JU
 Sample : 02598-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MSD

Manual Integrations
 APPROVED

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

Quant Time: May 05 05:31:29 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	205352	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	837014	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	433408	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	773091	20.000	ng	0.00
76) Chrysene-d12	13.880	240	374596	20.000	ng	0.00
86) Perylene-d12	15.292	264	406336	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1547456	113.834	ng	0.02
7) Phenol-d6	6.375	99	1774982	105.197	ng	0.00
23) Nitrobenzene-d5	7.298	82	1257305	81.080	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	504438	115.730	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2042980	78.861	ng	0.00
79) Terphenyl-d14	12.833	244	2271330	104.574	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	256462	40.674	ng	99
3) Pyridine	3.263	79	530920	31.702	ng	97
4) n-Nitrosodimethylamine	3.193	42	359843	41.483	ng	97
6) Aniline	6.392	93	343288	15.797	ng	# 60
8) 2-Chlorophenol	6.516	128	636502	46.116	ng	94
9) Benzaldehyde	6.275	77	247532	28.437	ng	100
10) Phenol	6.387	94	675919	36.312	ng	91
11) bis(2-Chloroethyl)ether	6.469	93	630451	45.135	ng	95
12) 1,3-Dichlorobenzene	6.669	146	640177	43.625	ng	99
13) 1,4-Dichlorobenzene	6.745	146	658609	44.782	ng	99
14) 1,2-Dichlorobenzene	6.898	146	631601	46.582	ng	99
15) Benzyl Alcohol	6.875	79	538553	46.207	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	984230	40.569	ng	96
17) 2-Methylphenol	6.992	107	519609	41.113	ng	98
18) Hexachloroethane	7.239	117	224829	43.971	ng	100
19) n-Nitroso-di-n-propyla...	7.151	70	422581	40.229	ng	96
20) 3+4-Methylphenols	7.145	107	610631	41.026	ng	# 89
22) Acetophenone	7.139	105	865562	44.642	ng	# 96
24) Nitrobenzene	7.316	77	664263	42.273	ng	97
25) Isophorone	7.551	82	1247478	42.370	ng	98
26) 2-Nitrophenol	7.628	139	356694	47.063	ng	99
27) 2,4-Dimethylphenol	7.675	122	584322	44.961	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	741604	42.578	ng	99
29) 2,4-Dichlorophenol	7.875	162	528500	44.671	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	547234	44.648	ng	99
31) Naphthalene	8.033	128	1827974	43.681	ng	99
32) Benzoic acid	7.781	122	186297	23.207	ng	96
33) 4-Chloroaniline	8.081	127	98712	5.838	ng	98
34) Hexachlorobutadiene	8.151	225	293787	43.247	ng	99
35) Caprolactam	8.451	113	160185m	40.304	ng	
36) 4-Chloro-3-methylphenol	8.575	107	584293	45.798	ng	99
37) 2-Methylnaphthalene	8.728	142	1204133	42.087	ng	99
38) 1-Methylnaphthalene	8.822	142	1134273	42.380	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	495469	42.518	ng	99
41) Hexachlorocyclopentadiene	8.880	237	530199	78.015	ng	98
43) 2,4,6-Trichlorophenol	9.004	196	366547	45.483	ng	99

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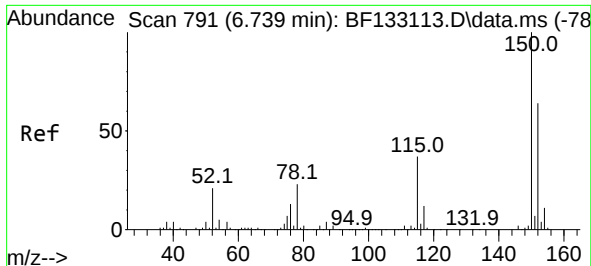
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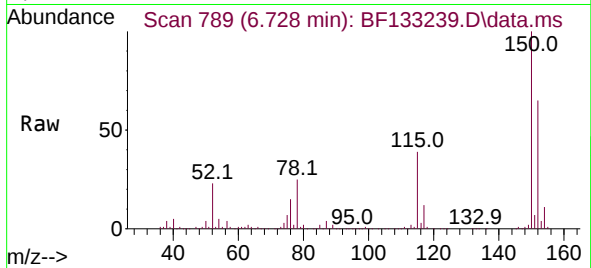
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	382898	41.082	ng	96
46) 1,1'-Biphenyl	9.192	154	1487049	43.269	ng	99
47) 2-Chloronaphthalene	9.216	162	1130179	44.929	ng	99
48) 2-Nitroaniline	9.310	65	366887	44.132	ng	97
49) Acenaphthylene	9.627	152	1742803	43.361	ng	99
50) Dimethylphthalate	9.498	163	1342362	44.419	ng	99
51) 2,6-Dinitrotoluene	9.551	165	311176	45.748	ng	99
52) Acenaphthene	9.798	154	1183596m	43.968	ng	
53) 3-Nitroaniline	9.716	138	194746	24.080	ng	98
54) 2,4-Dinitrophenol	9.827	184	158221	46.277	ng	94
55) Dibenzofuran	9.969	168	1564912	42.617	ng	97
56) 4-Nitrophenol	9.892	139	481075	76.800	ng	91
57) 2,4-Dinitrotoluene	9.957	165	401794	46.320	ng	97
58) Fluorene	10.316	166	1149318	42.721	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	320901	44.411	ng	99
60) Diethylphthalate	10.192	149	1237888	43.366	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	544755	41.551	ng	96
62) 4-Nitroaniline	10.339	138	343620	46.227	ng	98
63) Azobenzene	10.469	77	1250595	41.357	ng	97
65) 4,6-Dinitro-2-methylph...	10.363	198	154546	32.981	ng	75
66) n-Nitrosodiphenylamine	10.427	169	1076511	42.928	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	356476	42.515	ng	94
68) Hexachlorobenzene	10.863	284	382448	44.514	ng	100
69) Atrazine	10.957	200	362953	50.230	ng	99
70) Pentachlorophenol	11.057	266	404676	66.135	ng	99
71) Phenanthrene	11.274	178	1754312	42.220	ng	100
72) Anthracene	11.322	178	1812244	42.618	ng	99
73) Carbazole	11.480	167	1645567	43.460	ng	99
74) Di-n-butylphthalate	11.816	149	1932790	45.107	ng	99
75) Fluoranthene	12.457	202	1737389	41.663	ng	99
77) Benzidine	12.574	184	585217	92.384	ng	# 93
78) Pyrene	12.686	202	1764224	54.941	ng	99
80) Butylbenzylphthalate	13.310	149	730841	64.279	ng	99
81) Benzo(a)anthracene	13.868	228	1113675	43.233	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	178704	25.112	ng	99
83) Chrysene	13.910	228	1103508	42.849	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	798743	55.969	ng	99
85) Di-n-octyl phthalate	14.480	149	1199351	51.541	ng	98
87) Indeno(1,2,3-cd)pyrene	16.674	276	1296235	56.082	ng	98
88) Benzo(b)fluoranthene	14.892	252	1052198	40.703	ng	98
89) Benzo(k)fluoranthene	14.921	252	1065768	41.590	ng	98
90) Benzo(a)pyrene	15.239	252	990379	42.091	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	1087265	56.401	ng	99
92) Benzo(g,h,i)perylene	17.092	276	1026819	53.953	ng	95

(#) = 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: BF133239.D
Acq: 04 May 2023 19:35

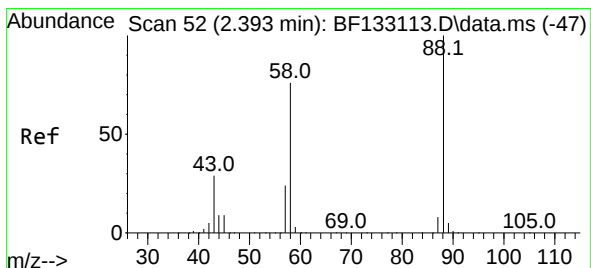
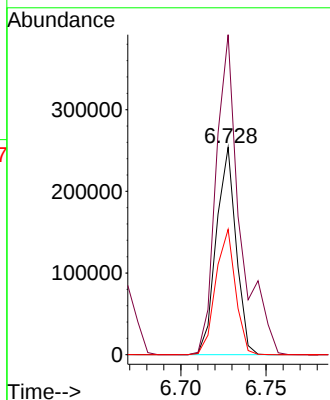
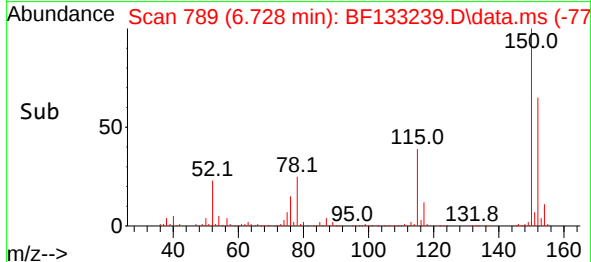
Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD



Tgt Ion:152 Resp: 205352
Ion Ratio Lower Upper
152 100
150 154.4 124.8 187.2
115 60.4 49.9 74.9

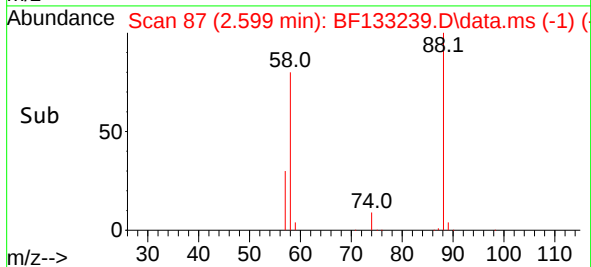
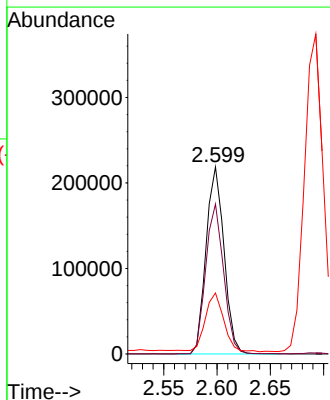
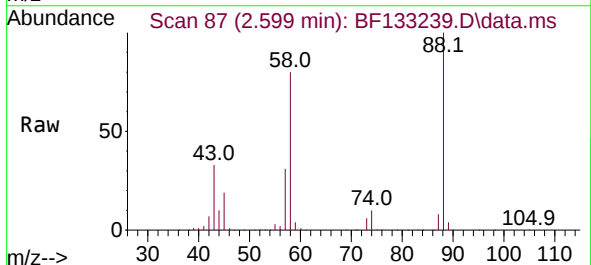
Manual Integrations
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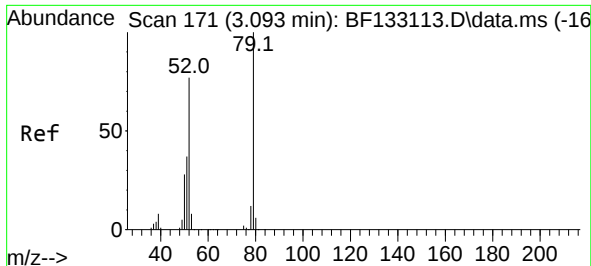
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#2
1,4-Dioxane
Concen: 40.674 ng
RT: 2.599 min Scan# 87
Delta R.T. 0.206 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

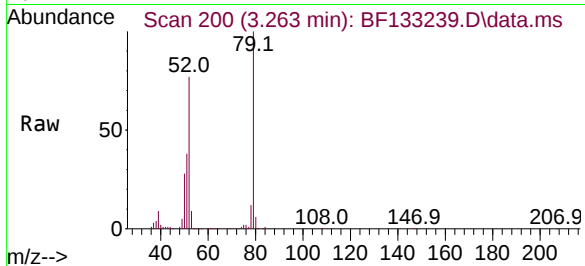
Tgt Ion: 88 Resp: 256462
Ion Ratio Lower Upper
88 100
58 80.5 64.7 97.1
43 31.9 26.2 39.2





#3
Pyridine
Concen: 31.702 ng
RT: 3.263 min Scan# 20
Delta R.T. 0.182 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

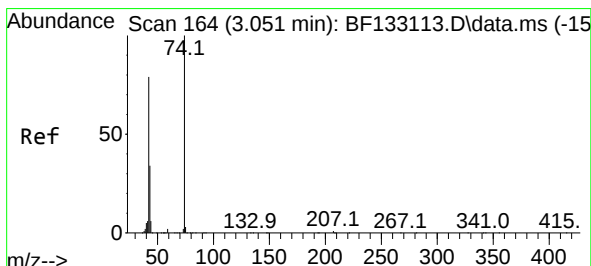
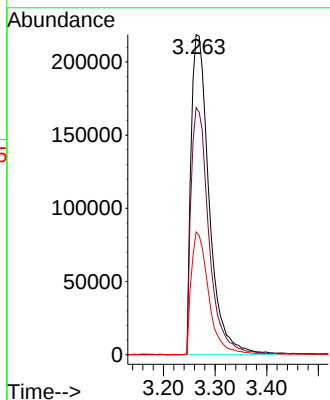
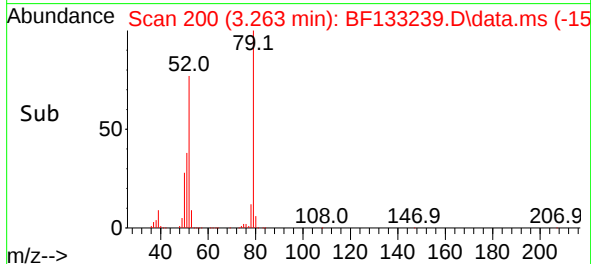
Instrument :
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ClientSampleId :
VNJ-241MSD



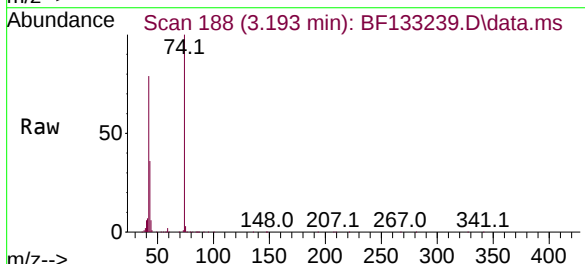
Tgt Ion: 79 Resp: 530920
Ion Ratio Lower Upper
79 100
52 77.2 64.6 96.8
51 38.3 30.0 45.0

Manual Integrations
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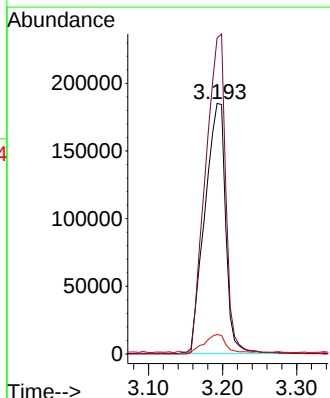
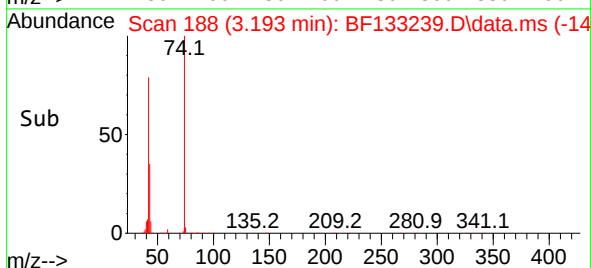
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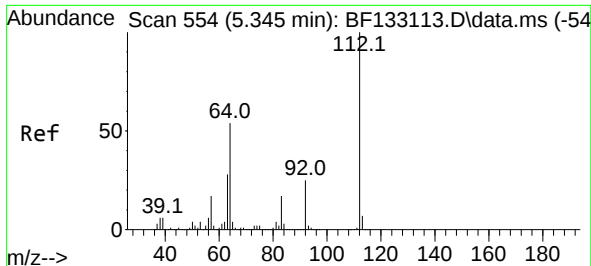


#4
n-Nitrosodimethylamine
Concen: 41.483 ng
RT: 3.193 min Scan# 188
Delta R.T. 0.141 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35



Tgt Ion: 42 Resp: 359843
Ion Ratio Lower Upper
42 100
74 126.1 98.0 147.0
44 7.8 5.8 8.8





#5
2-Fluorophenol
Concen: 113.834 ng
RT: 5.357 min Scan# 511
Delta R.T. 0.023 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

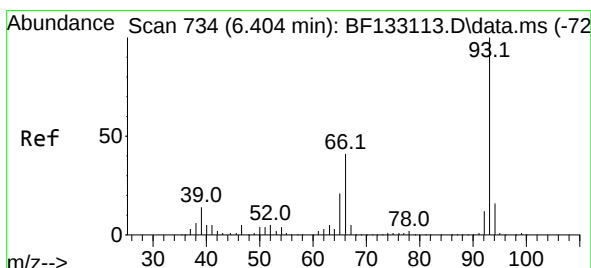
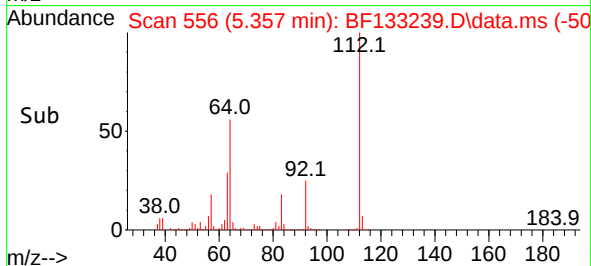
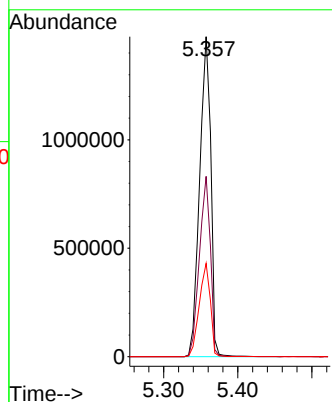
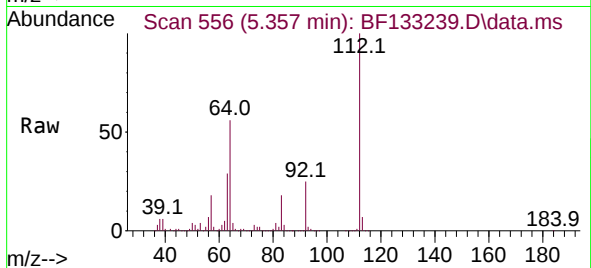
VNJ-241MSD

Tgt Ion:112 Resp: 1547450
Ion Ratio Lower Upper
112 100
64 56.3 46.8 70.2
63 29.2 23.8 35.8

Manual Integrations

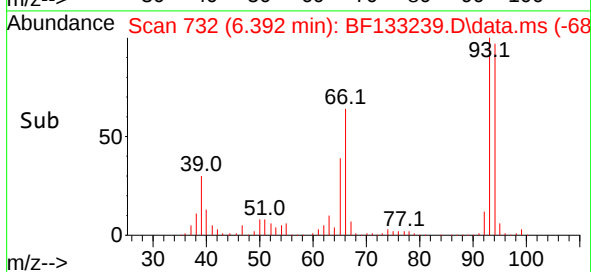
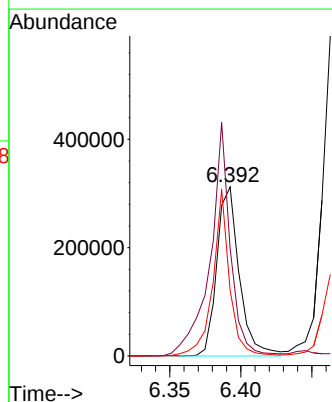
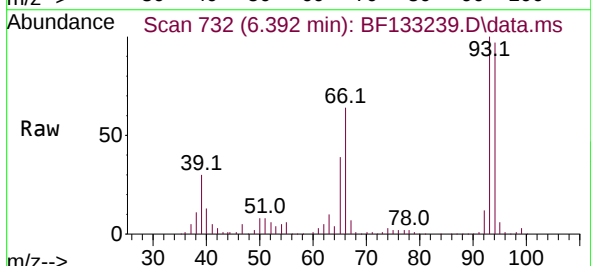
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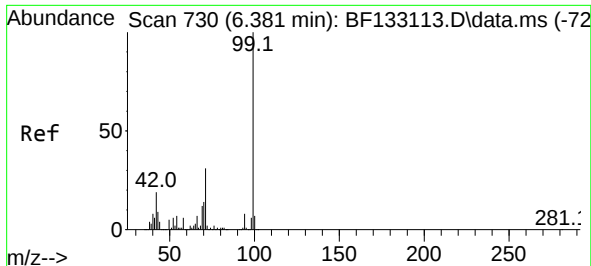
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#6
Aniline
Concen: 15.797 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

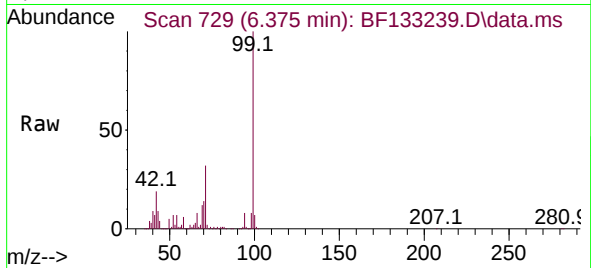
Tgt Ion: 93 Resp: 343288
Ion Ratio Lower Upper
93 100
66 63.7 31.5 47.3#
65 39.0 16.4 24.6#





#7
Phenol-d6
Concen: 105.197 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

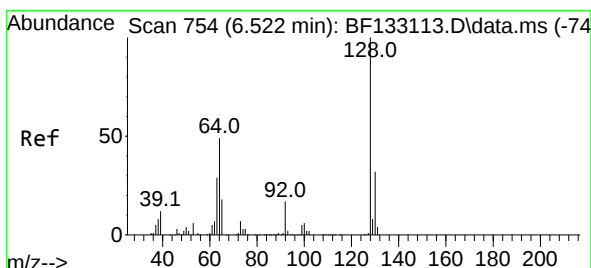
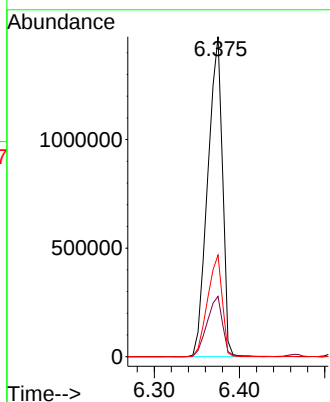
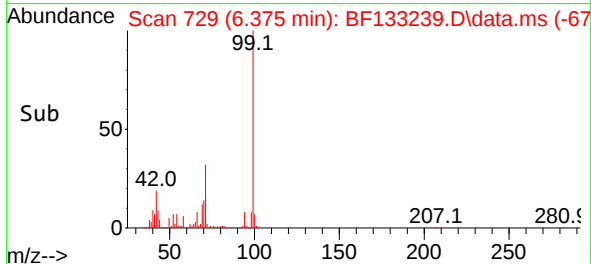
Instrument :
BNA_F
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VNJ-241MSD



Tgt Ion: 99 Resp: 177498
Ion Ratio Lower Upper
99 100
42 18.9 16.3 24.5
71 31.7 25.6 38.4

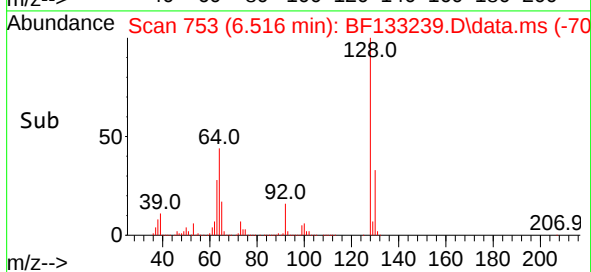
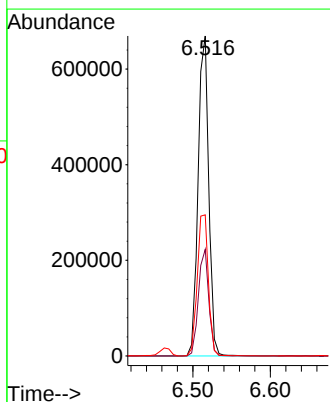
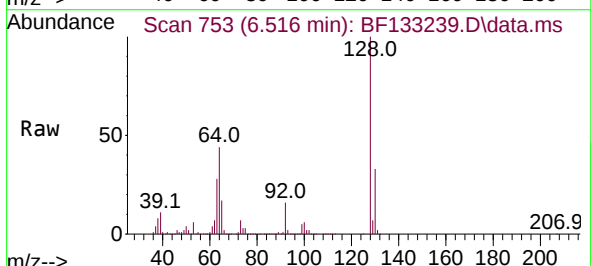
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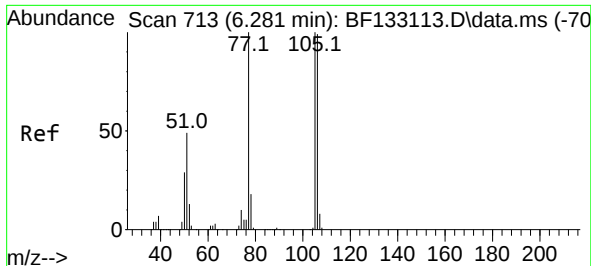
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#8
2-Chlorophenol
Concen: 46.116 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

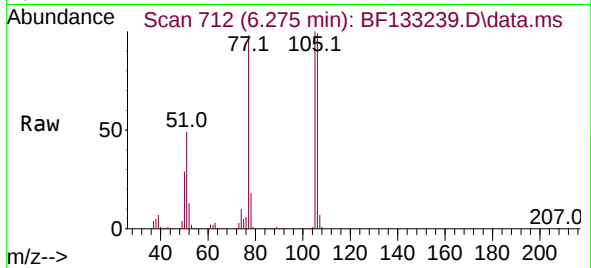
Tgt Ion:128 Resp: 636502
Ion Ratio Lower Upper
128 100
130 33.3 12.2 52.2
64 44.1 30.3 70.3





#9
Benzaldehyde
Concen: 28.437 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

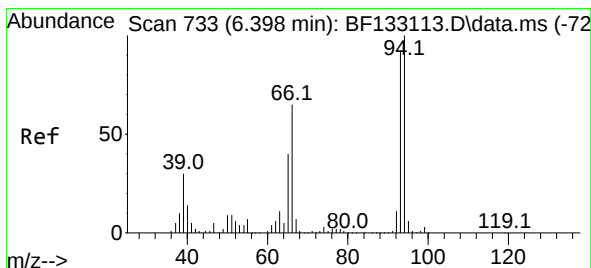
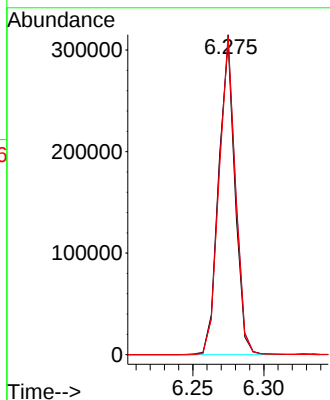
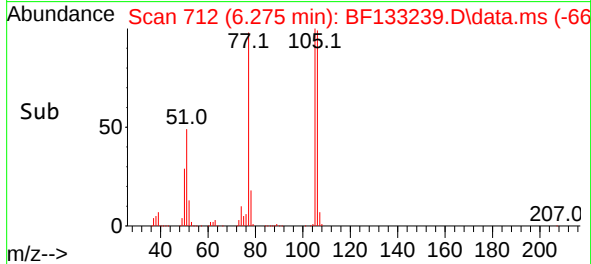
Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD



Tgt Ion: 77 Resp: 247532
Ion Ratio Lower Upper
77 100
105 102.5 82.3 122.3
106 101.5 80.8 120.8

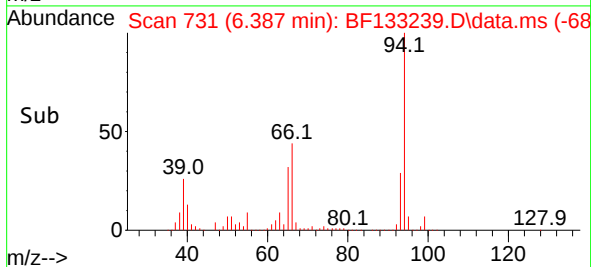
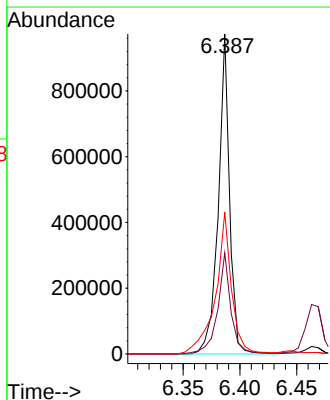
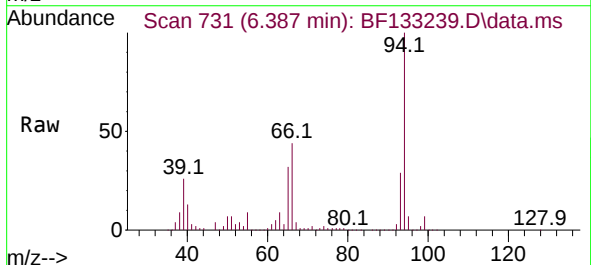
Manual Integrations
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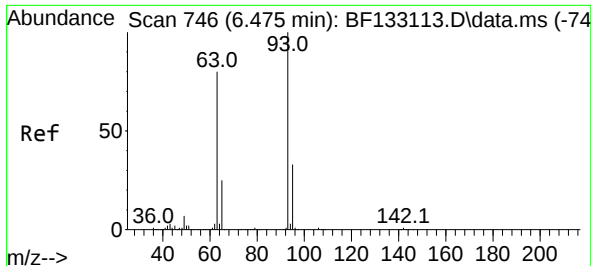
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#10
Phenol
Concen: 36.312 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Tgt Ion: 94 Resp: 675919
Ion Ratio Lower Upper
94 100
65 31.6 8.6 48.6
66 44.3 17.3 57.3





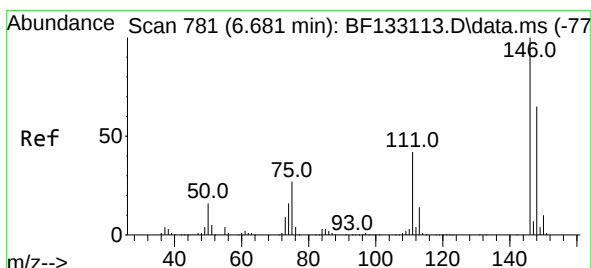
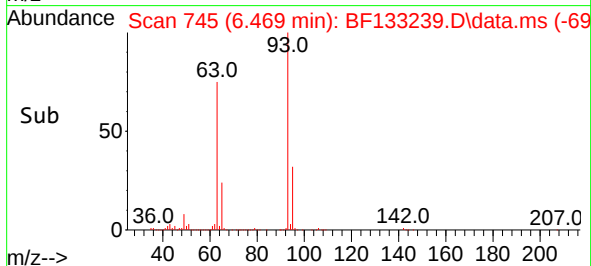
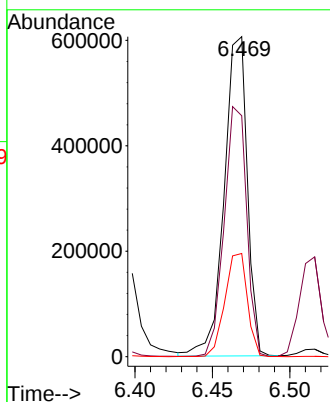
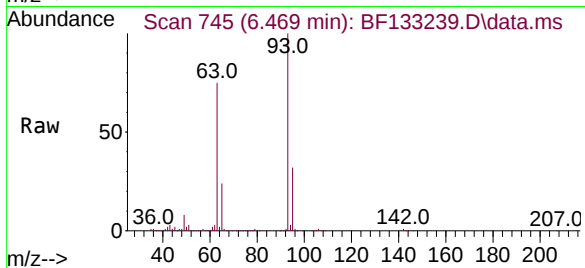
#11
bis(2-Chloroethyl)ether
Concen: 45.135 ng
RT: 6.469 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tgt Ion: 93 Resp: 63045
Ion Ratio Lower Upper
93 100
63 75.3 60.6 100.6
95 32.2 12.9 52.9

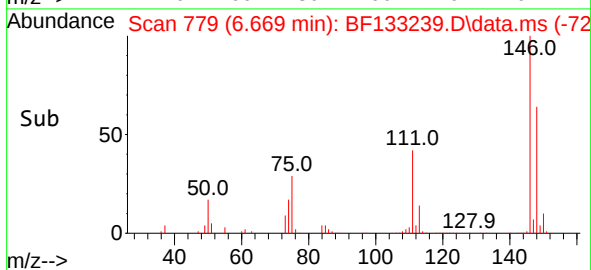
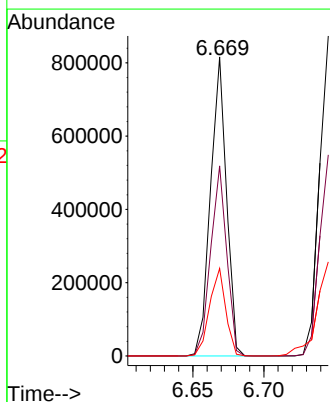
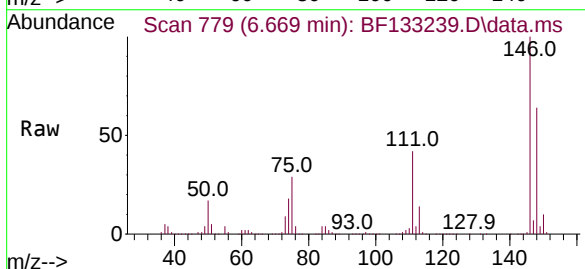
Manual Integrations
APPROVED

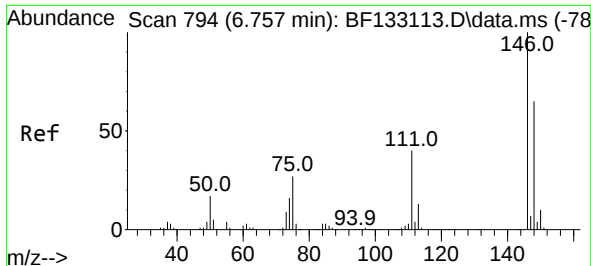
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#12
1,3-Dichlorobenzene
Concen: 43.625 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Tgt Ion:146 Resp: 640177
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
75 29.3 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 44.782 ng

RT: 6.745 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

VNJ-241MSD

Tgt Ion:146 Resp: 658609

Ion Ratio Lower Upper

146 100

148 62.8 50.3 75.5

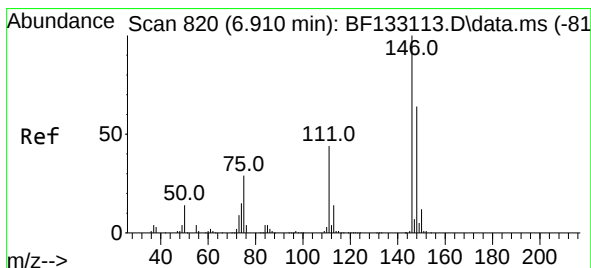
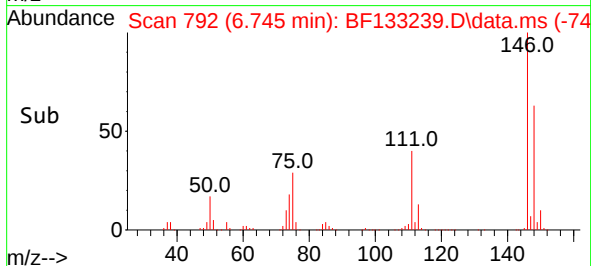
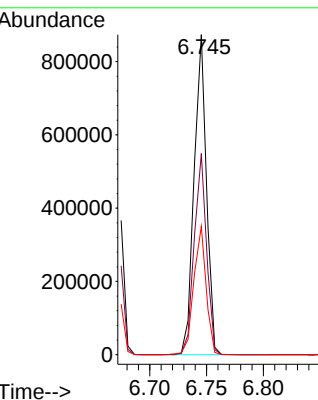
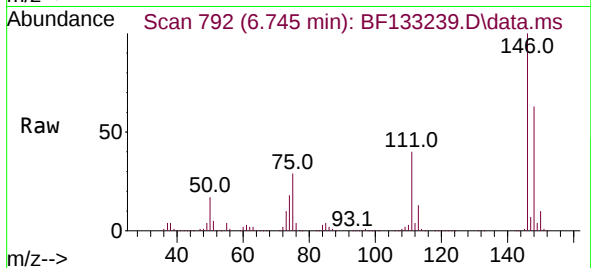
111 40.1 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#14

1,2-Dichlorobenzene

Concen: 46.582 ng

RT: 6.898 min Scan# 818

Delta R.T. -0.006 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

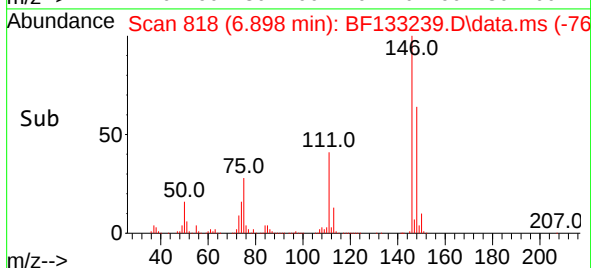
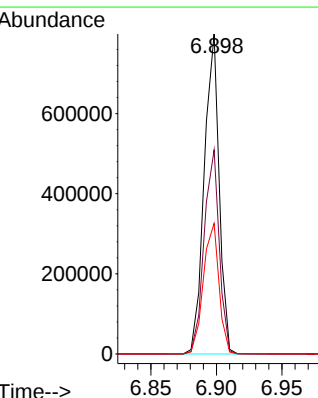
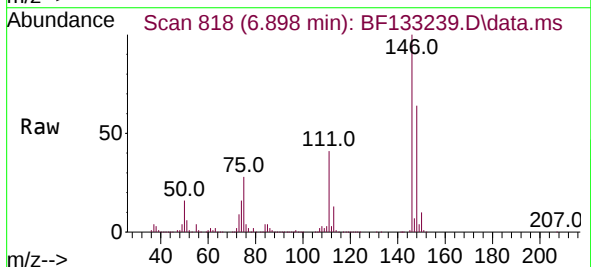
Tgt Ion:146 Resp: 631601

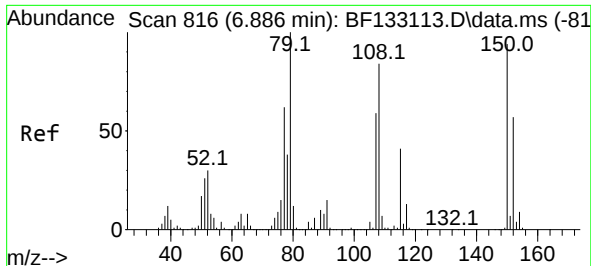
Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

111 40.8 32.8 49.2





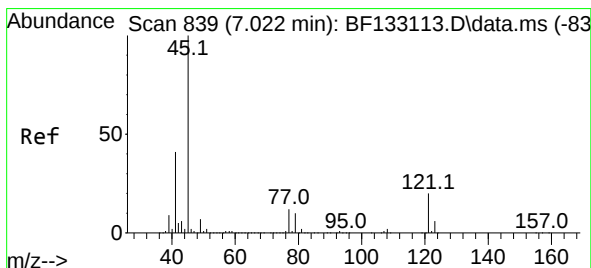
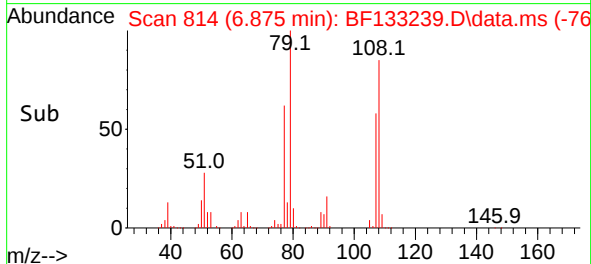
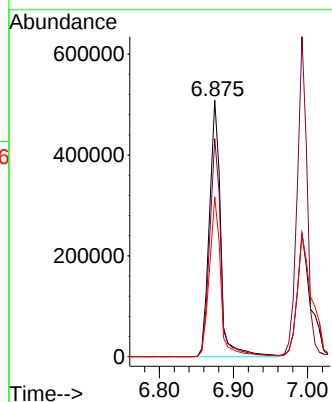
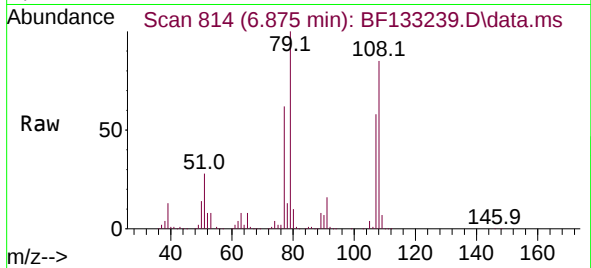
#15
Benzyl Alcohol
Concen: 46.207 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tgt Ion: 79 Resp: 53855
Ion Ratio Lower Upper
79 100
108 85.1 66.6 99.8
77 62.3 49.2 73.8

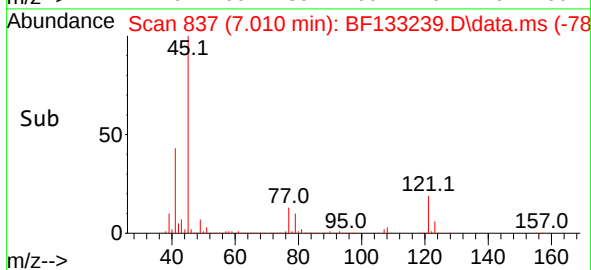
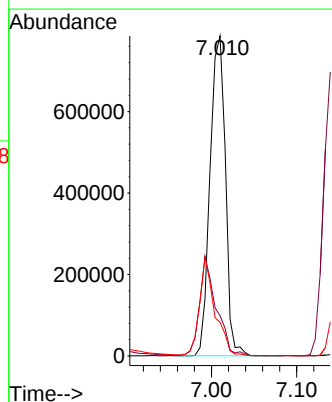
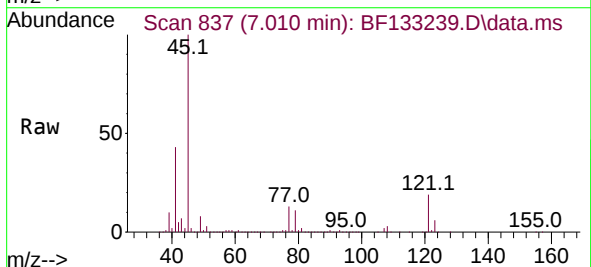
Manual Integrations
APPROVED

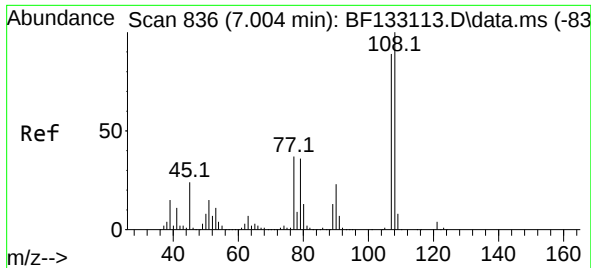
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.569 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Tgt Ion: 45 Resp: 984230
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.5
79 10.5 0.0 28.7





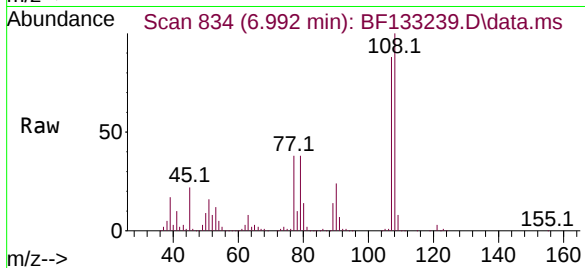
#17
2-Methylphenol
Concen: 41.113 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

VNJ-241MSD

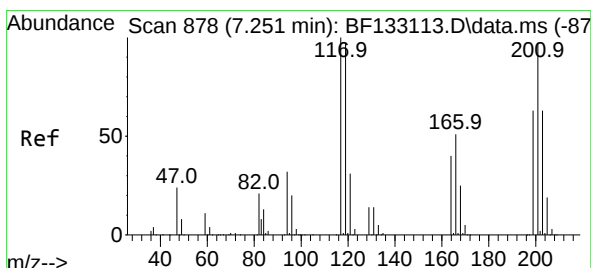
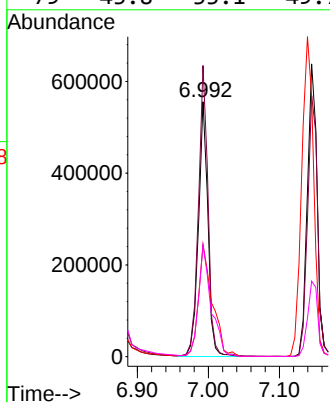
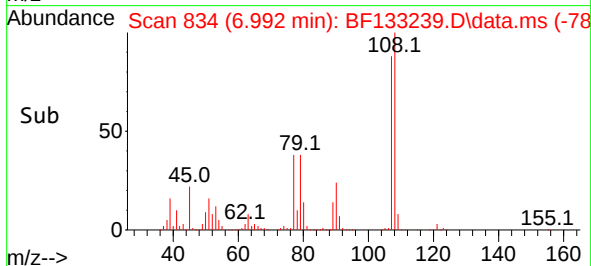


Tgt Ion:107 Resp: 519609
Ion Ratio Lower Upper
107 100
108 114.1 92.4 138.6
77 43.9 33.8 50.8
79 43.8 33.1 49.7

Manual Integrations

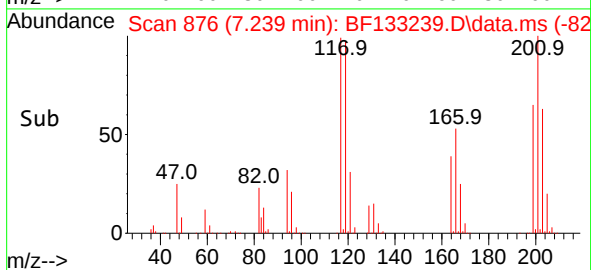
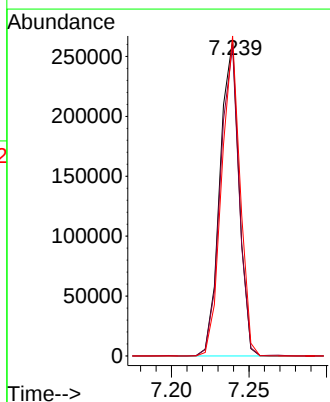
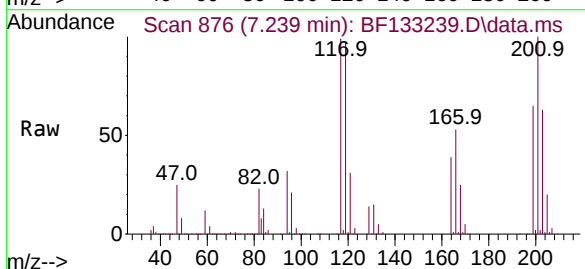
APPROVED

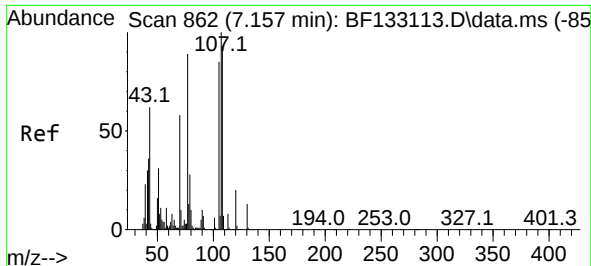
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#18
Hexachloroethane
Concen: 43.971 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

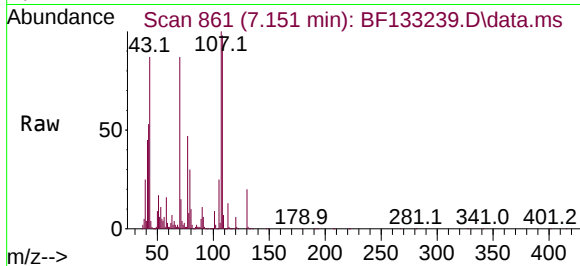
Tgt Ion:117 Resp: 224829
Ion Ratio Lower Upper
117 100
119 97.9 78.2 117.4
201 101.2 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 40.229 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

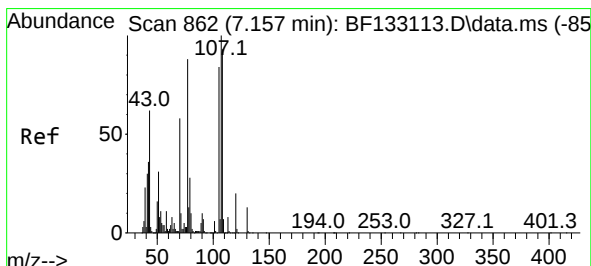
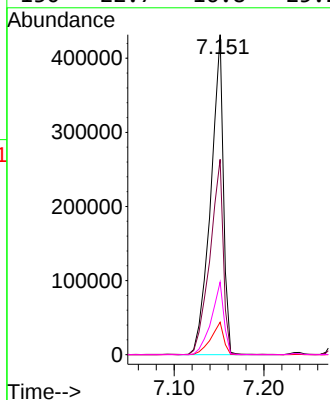
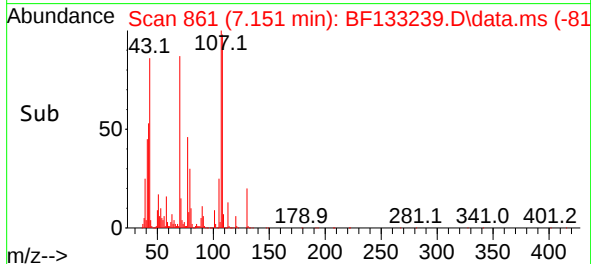
Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD



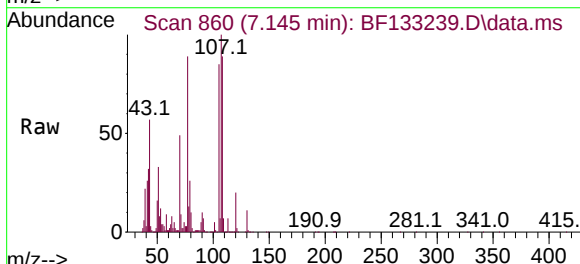
Tgt Ion: 70 Resp: 42258
Ion Ratio Lower Upper
70 100
42 61.0 51.8 77.6
101 10.2 8.0 12.0
130 22.7 16.8 25.2

Manual Integrations
APPROVED

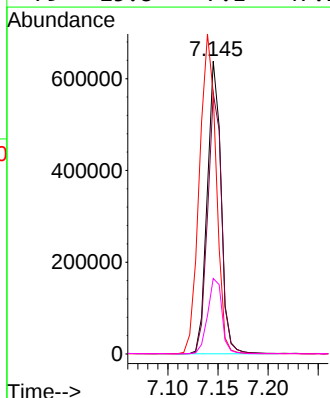
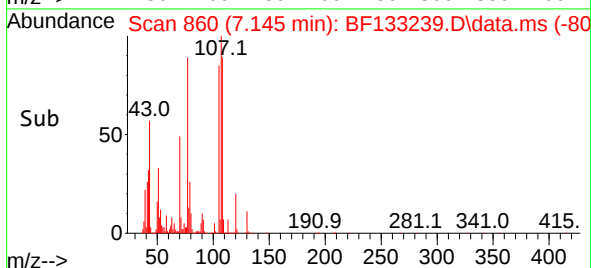
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

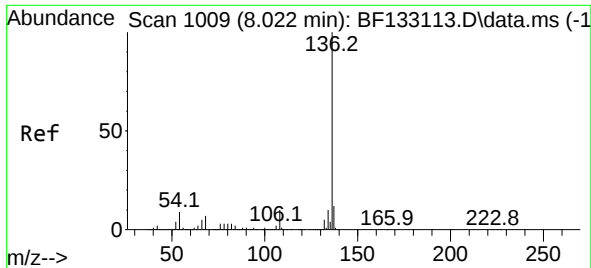


#20
3+4-Methylphenols
Concen: 41.026 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35



Tgt Ion:107 Resp: 610631
Ion Ratio Lower Upper
107 100
108 89.1 70.5 110.5
77 89.0 91.7 131.7#
79 25.8 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: BF133239.D
Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

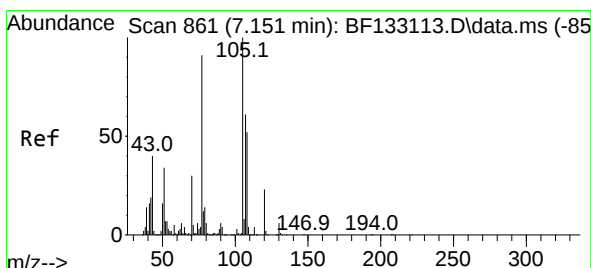
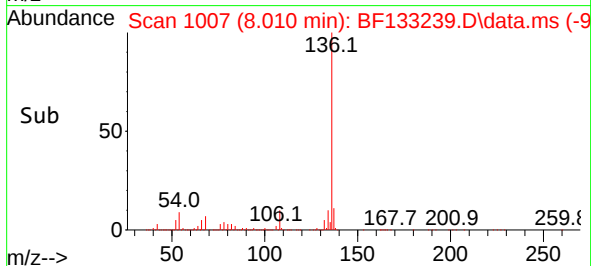
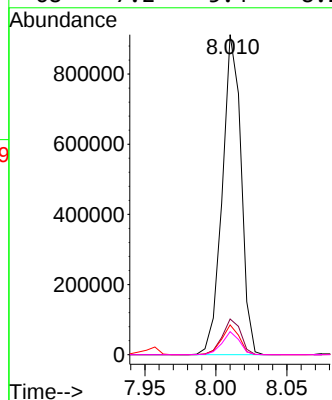
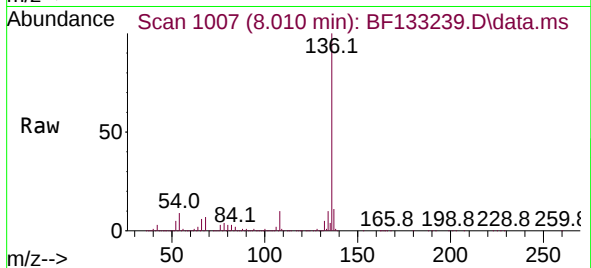
VNJ-241MSD

Tgt Ion:136 Resp: 837014
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.3 7.0 10.4
68 7.2 5.4 8.2

Manual Integrations

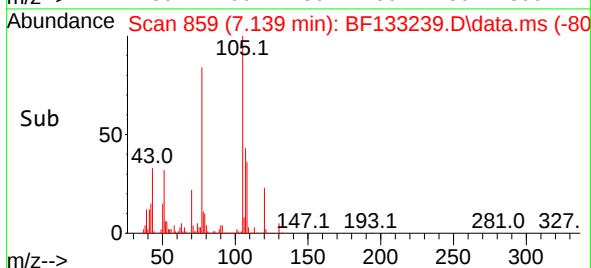
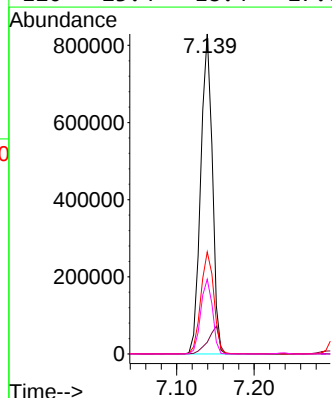
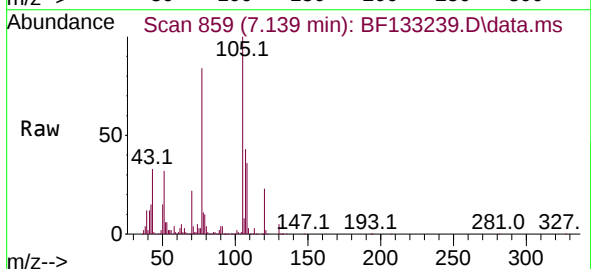
APPROVED

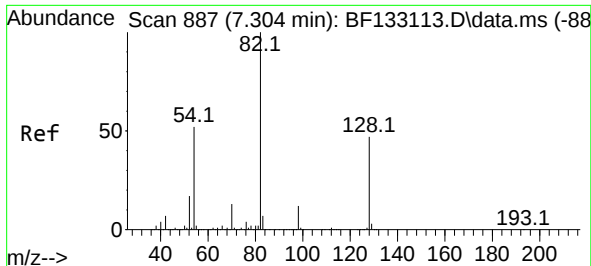
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#22
Acetophenone
Concen: 44.642 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Tgt Ion:105 Resp: 865562
Ion Ratio Lower Upper
105 100
71 3.7 4.6 7.0#
51 31.9 28.2 42.2
120 23.4 18.4 27.6





#23

Nitrobenzene-d5

Concen: 81.080 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

VNJ-241MSD

Tgt Ion: 82 Resp: 125730

Ion Ratio Lower Upper

82 100

128 49.3 37.7 56.5

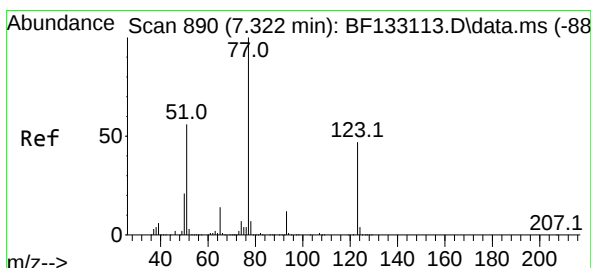
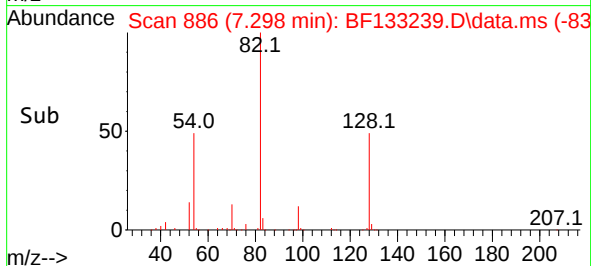
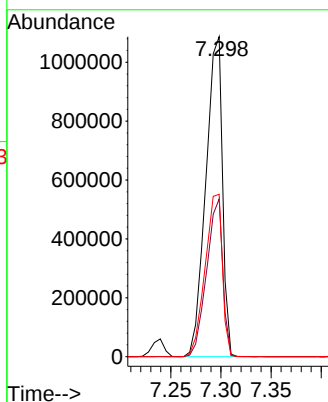
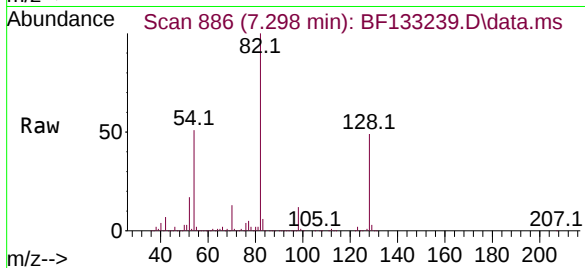
54 50.8 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#24

Nitrobenzene

Concen: 42.273 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

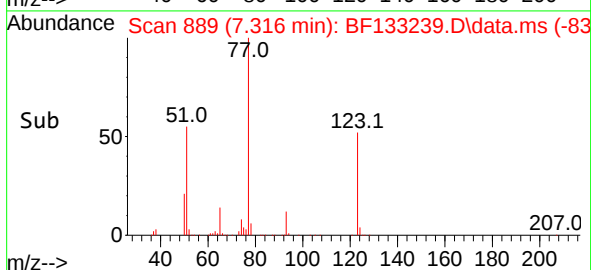
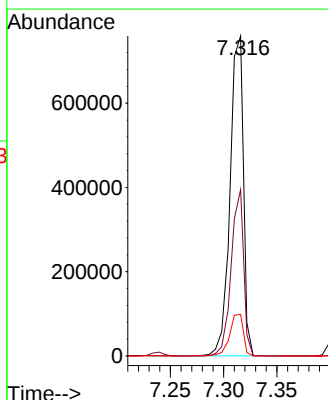
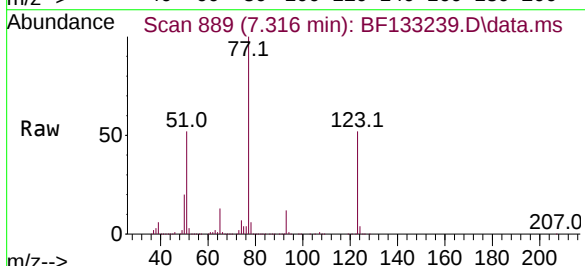
Tgt Ion: 77 Resp: 664263

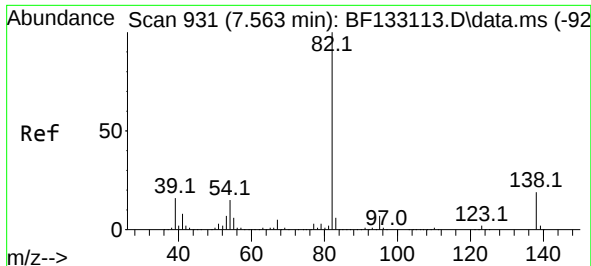
Ion Ratio Lower Upper

77 100

123 52.0 39.9 59.9

65 13.0 10.7 16.1





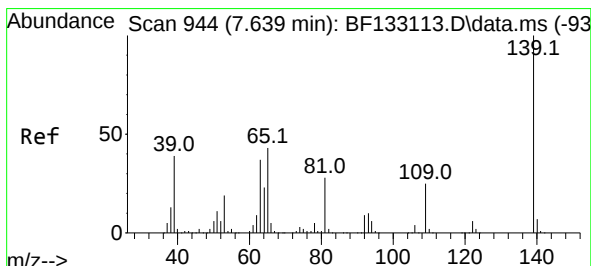
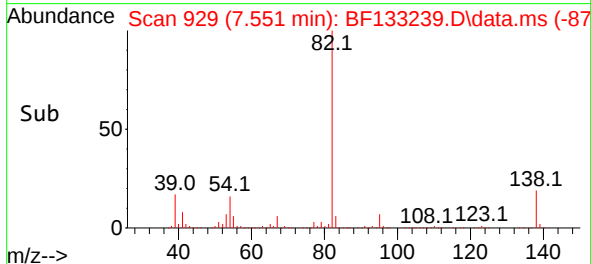
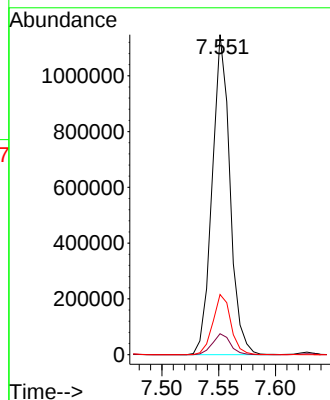
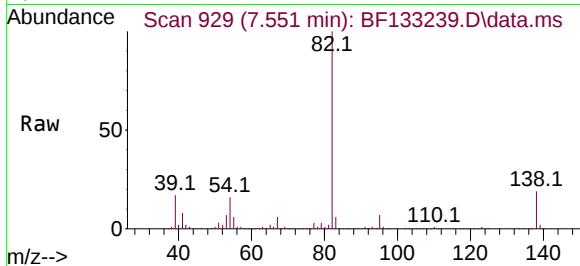
#25
Isophorone
Concen: 42.370 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tgt Ion: 82 Resp: 1247478
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.0
138 18.8 16.0 24.0

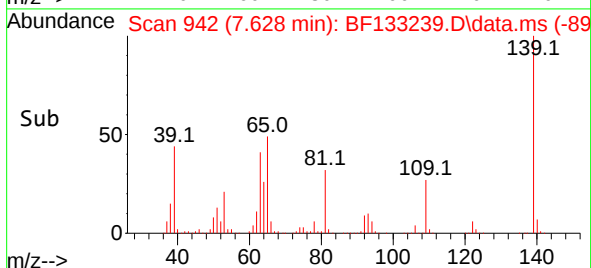
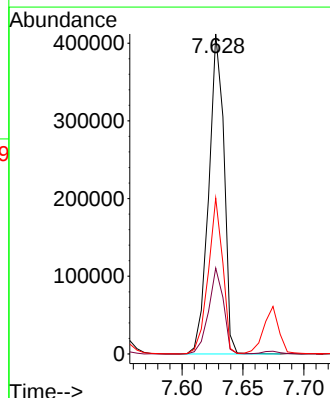
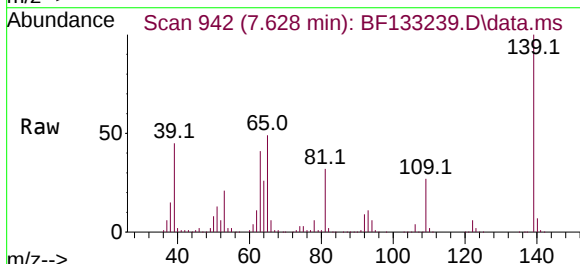
Manual Integrations
APPROVED

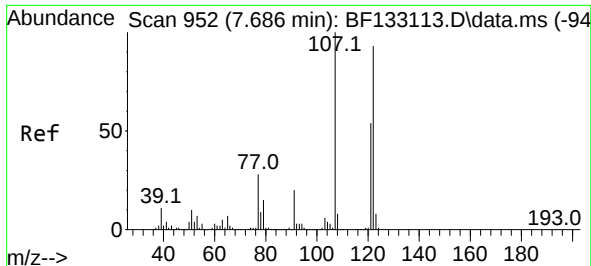
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#26
2-Nitrophenol
Concen: 47.063 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Tgt Ion:139 Resp: 356694
Ion Ratio Lower Upper
139 100
109 26.8 21.6 32.4
65 48.7 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.961 ng

RT: 7.675 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

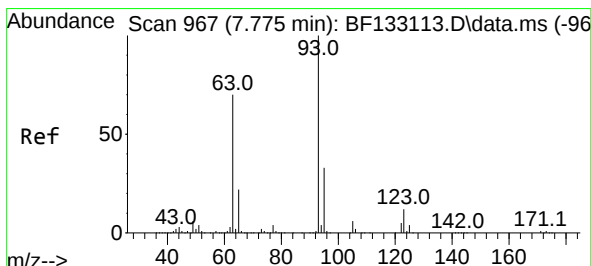
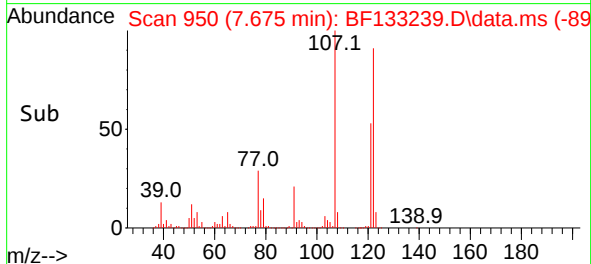
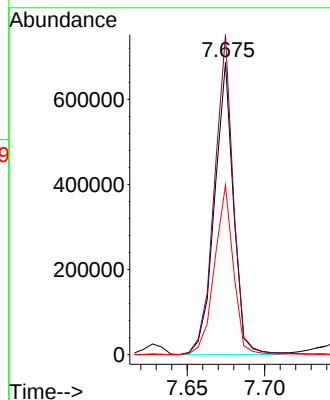
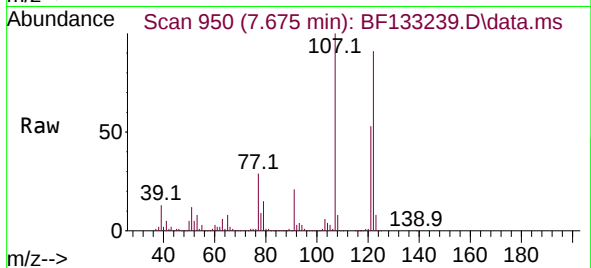
VNJ-241MSD

Tgt Ion:	122	Resp:	58432
Ion Ratio	Lower	Upper	
122	100		
107	109.4	89.7	134.5
121	57.9	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: 42.578 ng

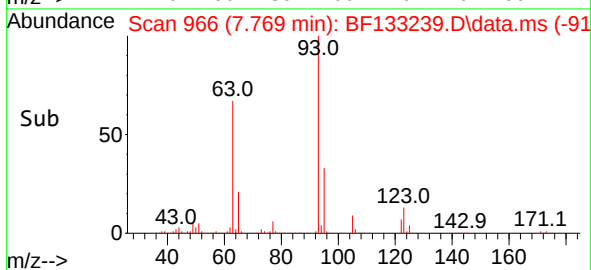
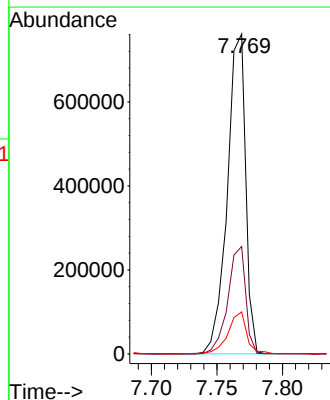
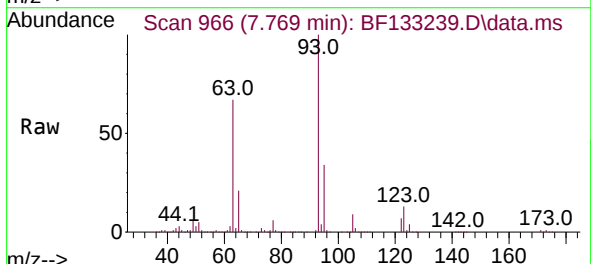
RT: 7.769 min Scan# 966

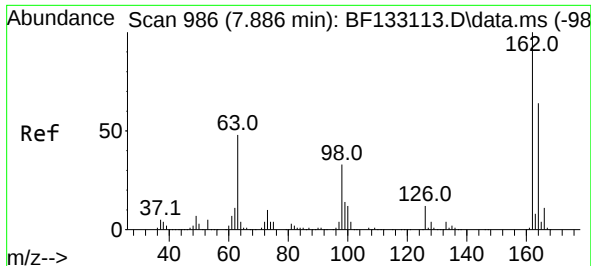
Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

Tgt Ion:	93	Resp:	741604
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.4	39.6
123	13.2	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 44.671 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

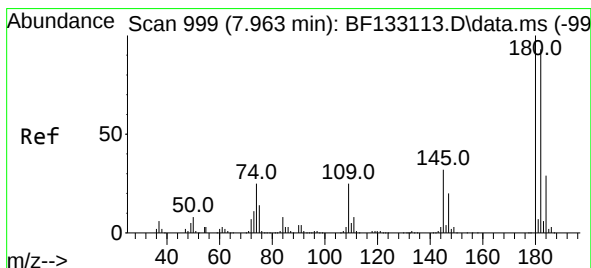
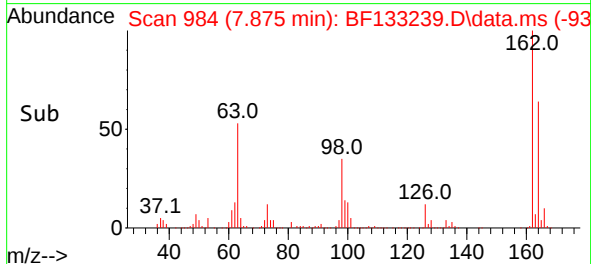
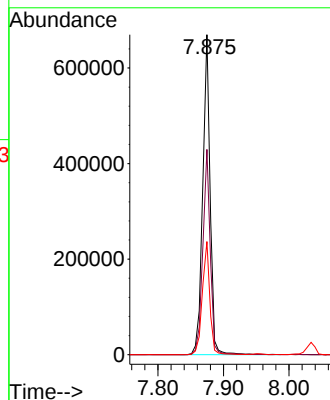
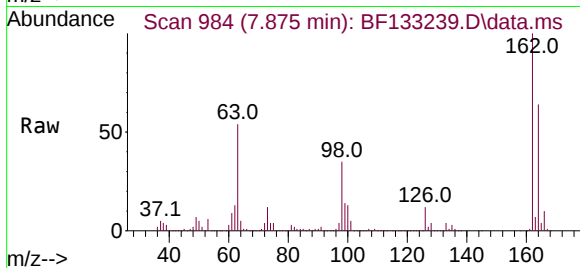
VNJ-241MSD

Tgt Ion:162 Resp: 528500
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.9 83.9
 98 35.4 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: 44.648 ng

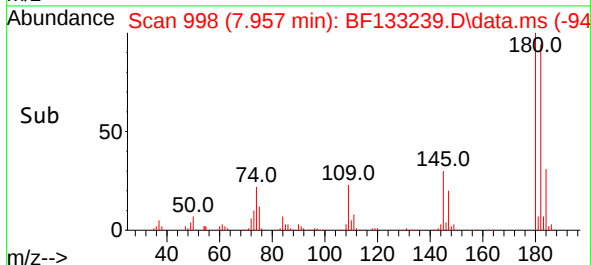
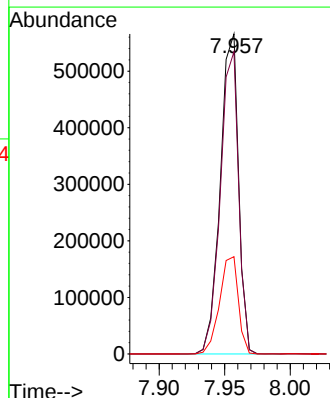
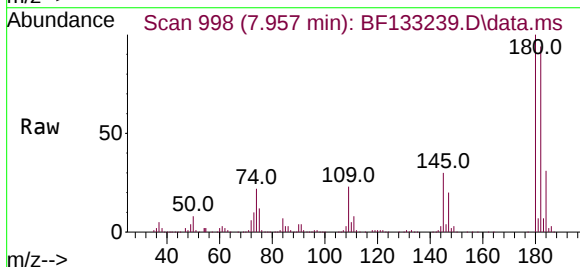
RT: 7.957 min Scan# 998

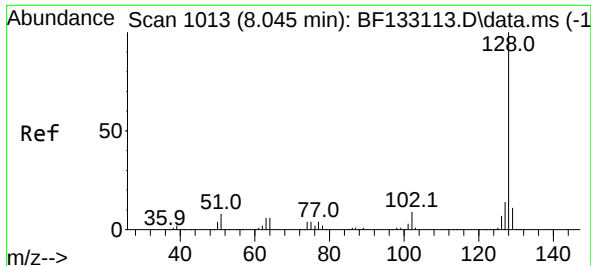
Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

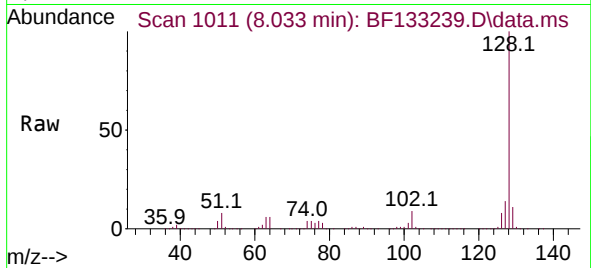
Tgt Ion:180 Resp: 547234
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.9 113.9
 145 30.4 25.3 37.9





#31
Naphthalene
Concen: 43.681 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

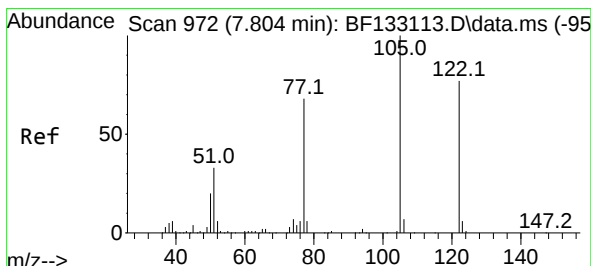
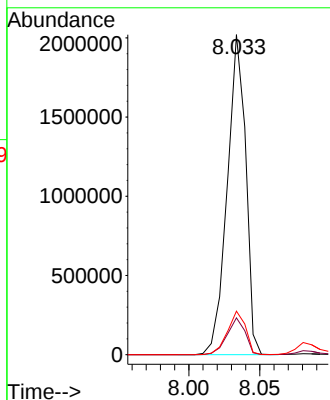
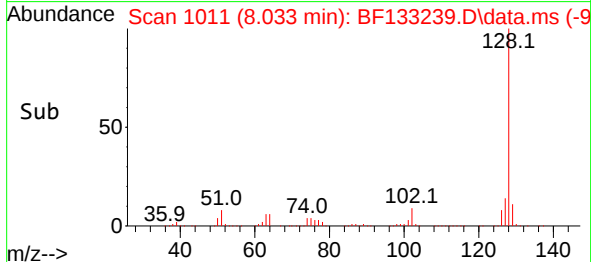
Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD



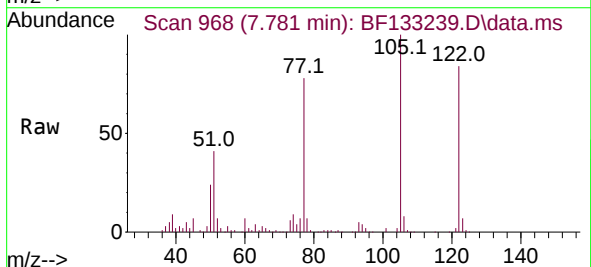
Tgt Ion:128 Resp: 1827974
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.7 16.1

Manual Integrations
APPROVED

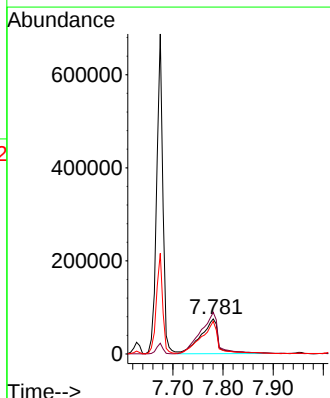
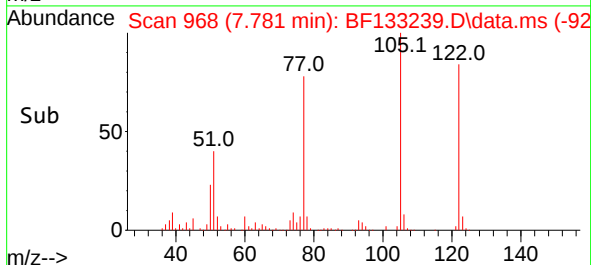
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

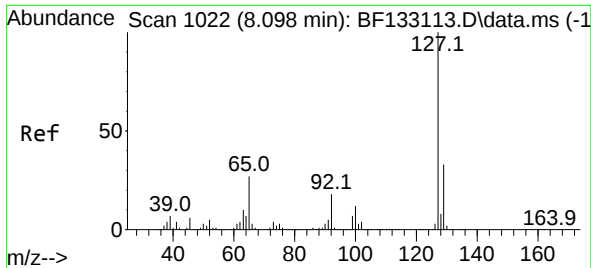


#32
Benzoic acid
Concen: 23.207 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.024 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35



Tgt Ion:122 Resp: 186297
Ion Ratio Lower Upper
122 100
105 118.5 104.2 144.2
77 93.0 69.7 109.7





#33
4-Chloroaniline
Concen: 5.838 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

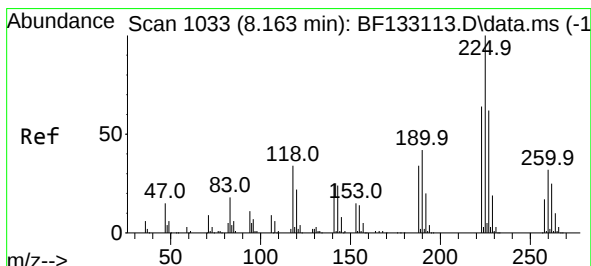
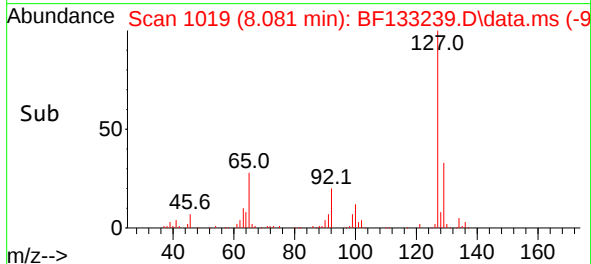
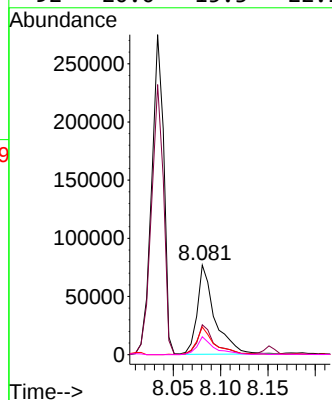
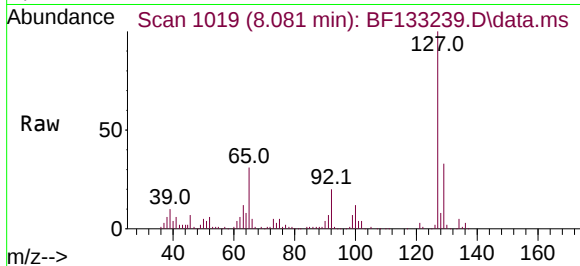
VNJ-241MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.8	38.8
65	31.0	23.6	35.4
92	20.0	15.3	22.9

Manual Integrations

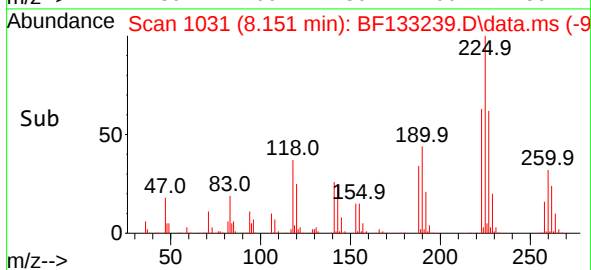
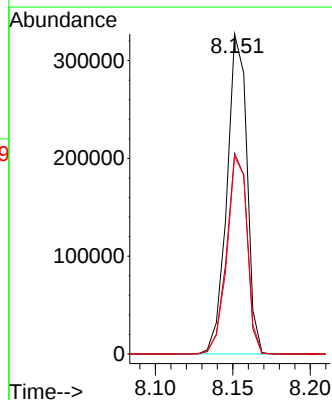
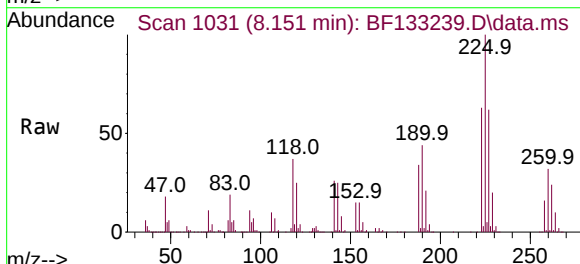
APPROVED

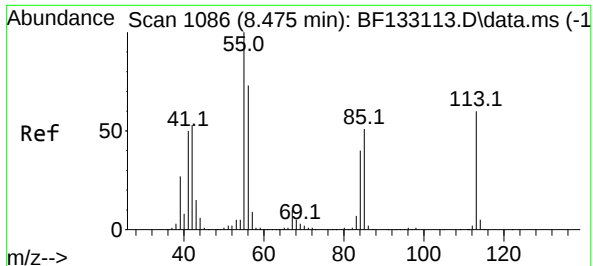
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#34
Hexachlorobutadiene
Concen: 43.247 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

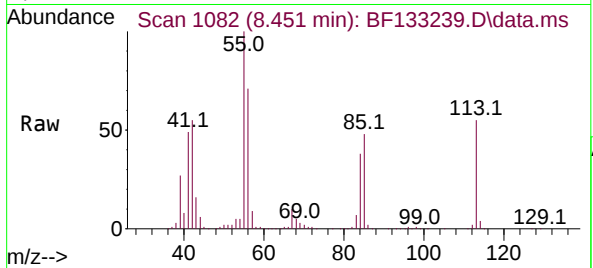
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.9	76.3
227	61.8	50.3	75.5





#35
Caprolactam
Concen: 40.304 ng m
RT: 8.451 min Scan# 1086
Delta R.T. -0.012 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

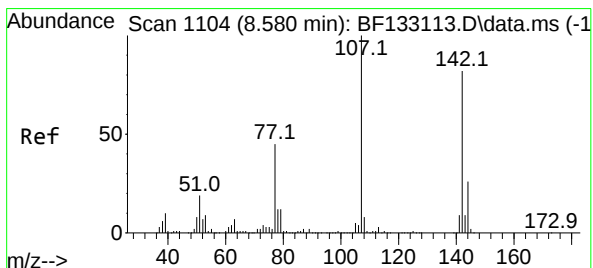
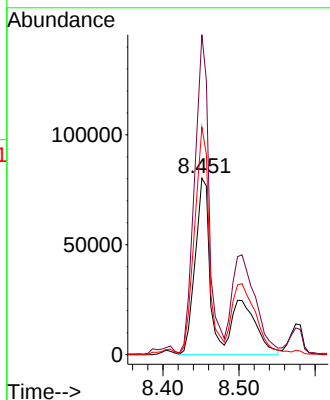
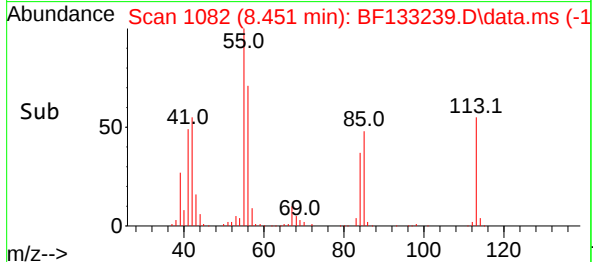
Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD



Tgt Ion:113 Resp: 16018
Ion Ratio Lower Upper
113 100
55 181.3 167.1 207.1
56 128.8 114.5 154.5

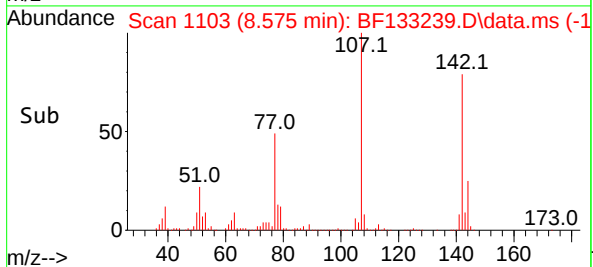
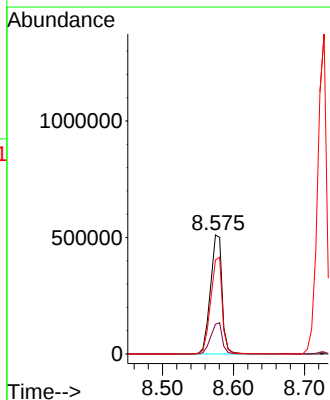
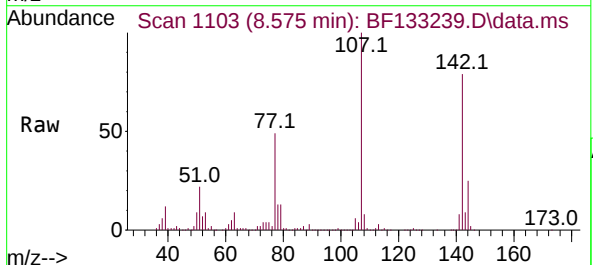
Manual Integrations
APPROVED

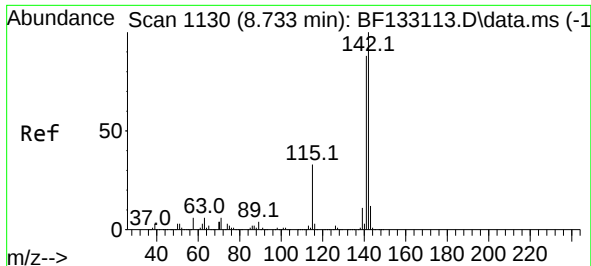
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#36
4-Chloro-3-methylphenol
Concen: 45.798 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Tgt Ion:107 Resp: 584293
Ion Ratio Lower Upper
107 100
144 25.0 20.6 30.8
142 78.9 62.8 94.2





#37

2-Methylnaphthalene

Concen: 42.087 ng

RT: 8.728 min Scan# 1129

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

VNJ-241MSD

Tgt Ion:142 Resp: 120413

Ion Ratio Lower Upper

142 100

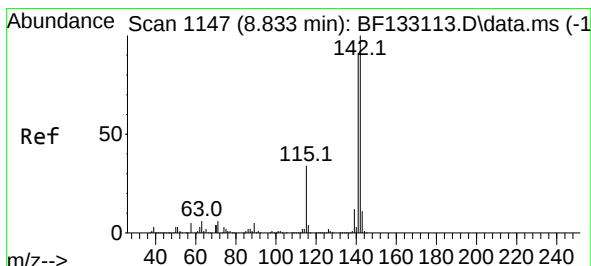
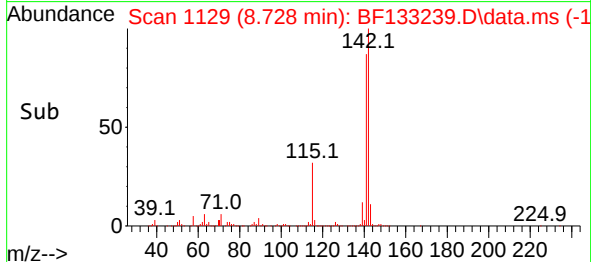
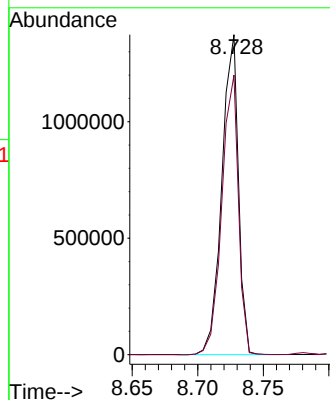
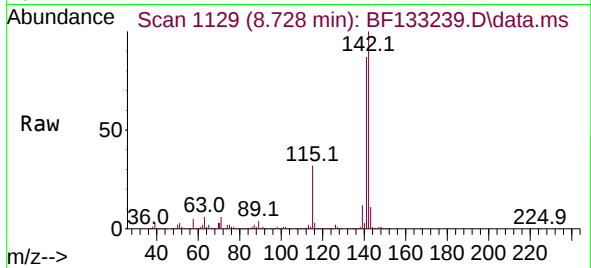
141 87.4 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#38

1-Methylnaphthalene

Concen: 42.380 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BF133239.D

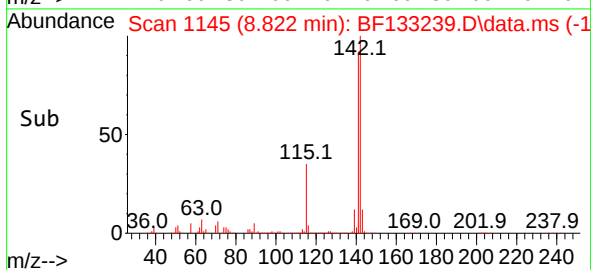
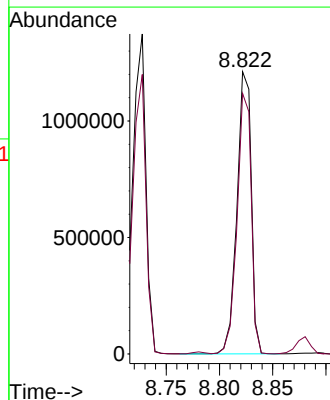
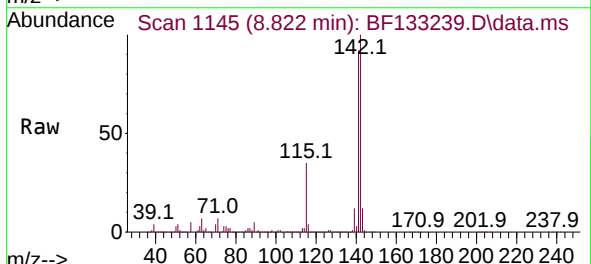
Acq: 04 May 2023 19:35

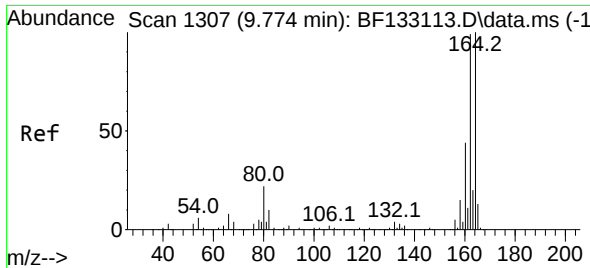
Tgt Ion:142 Resp: 1134273

Ion Ratio Lower Upper

142 100

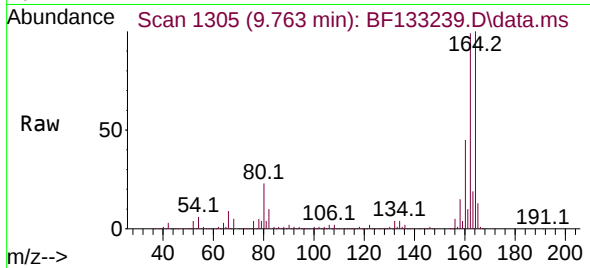
141 92.3 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

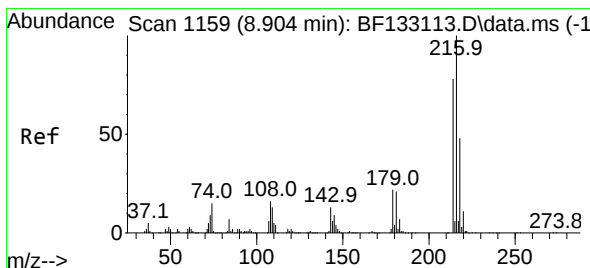
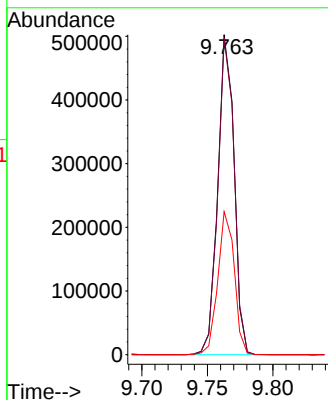
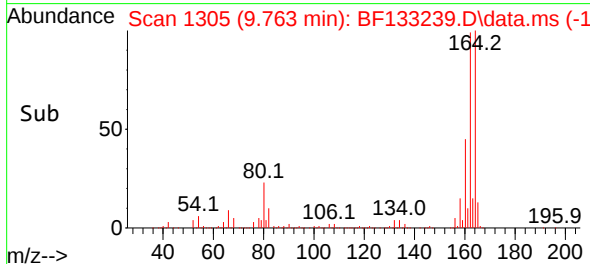
Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD



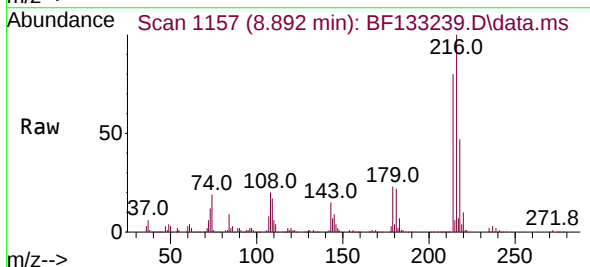
Tgt Ion:164 Resp: 433408
Ion Ratio Lower Upper
164 100
162 98.8 78.7 118.1
160 44.7 35.8 53.6

Manual Integrations
APPROVED

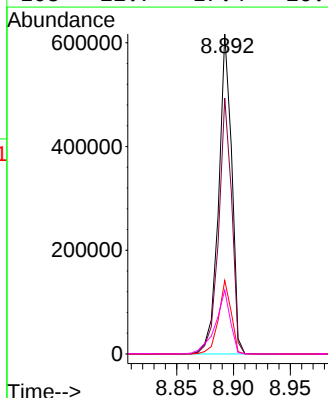
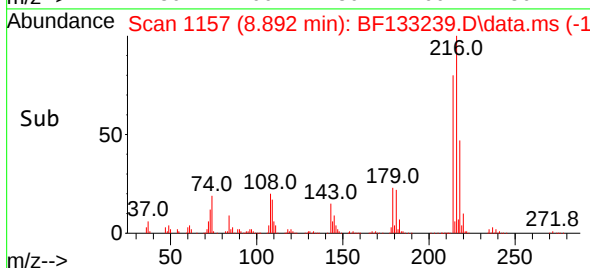
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

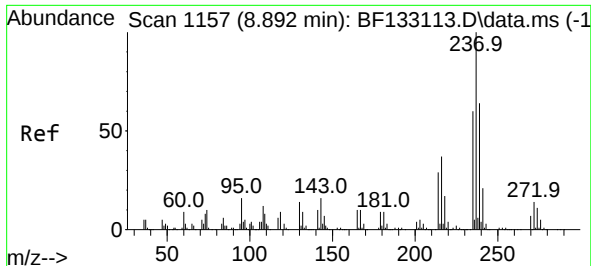


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.518 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35



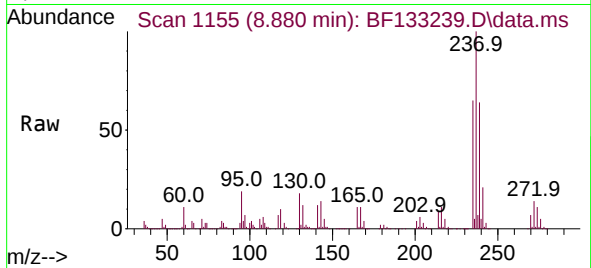
Tgt Ion:216 Resp: 495469
Ion Ratio Lower Upper
216 100
214 79.3 63.5 95.3
179 22.1 17.4 26.2
108 22.7 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 78.015 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

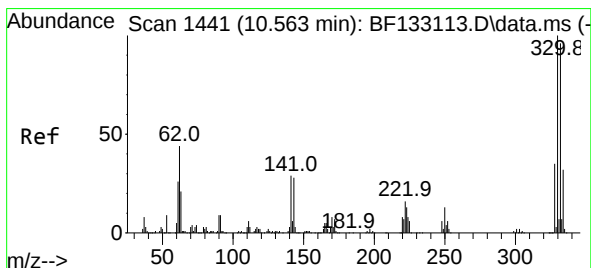
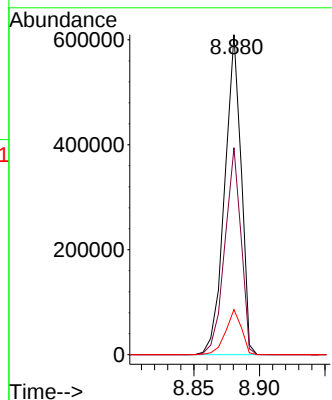
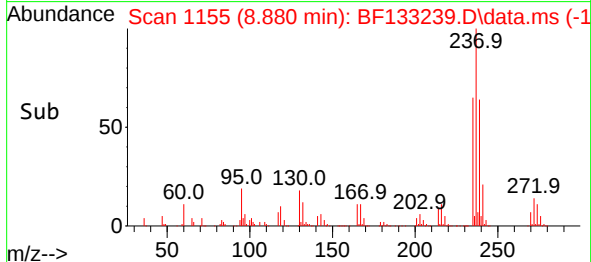
Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD



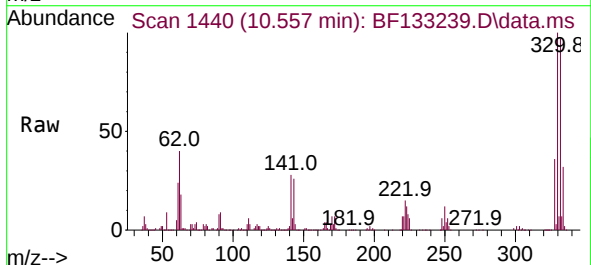
Tgt Ion:237 Resp: 530199
Ion Ratio Lower Upper
237 100
235 64.7 43.5 83.5
272 14.1 0.0 32.7

Manual Integrations
APPROVED

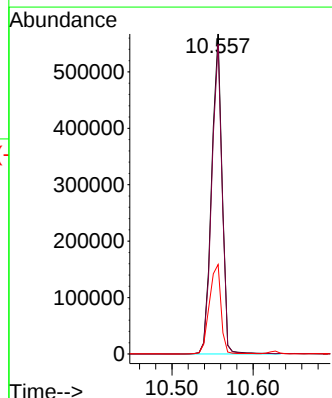
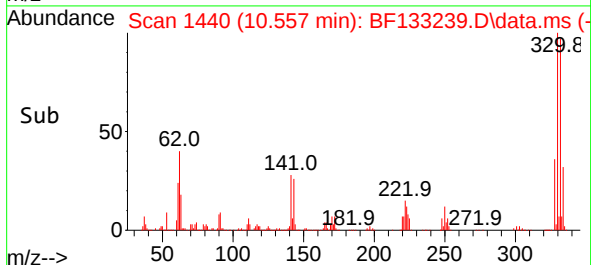
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

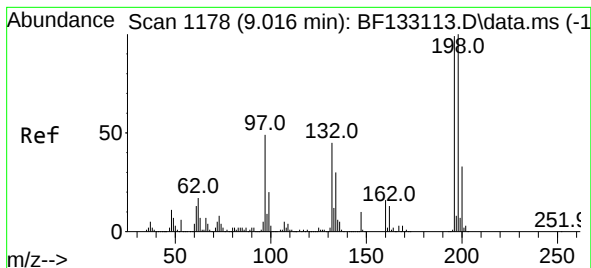


#42
2,4,6-Tribromophenol
Concen: 115.730 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35



Tgt Ion:330 Resp: 504438
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 31.3 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 45.483 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

VNJ-241MSD

Tgt Ion:196 Resp: 36654

Ion Ratio Lower Upper

196 100

198 100.0 81.0 121.6

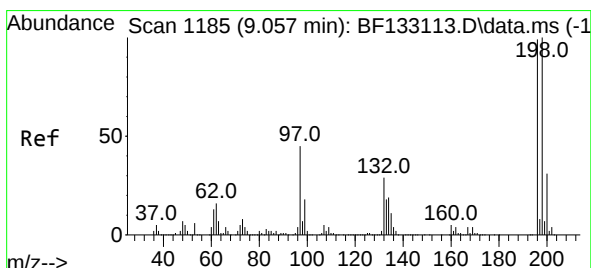
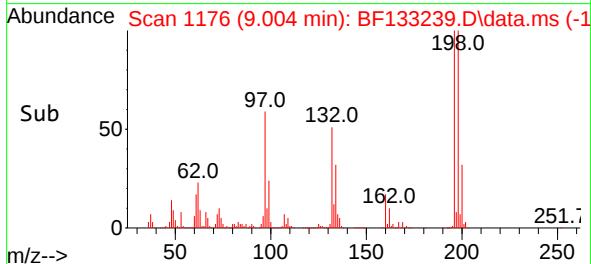
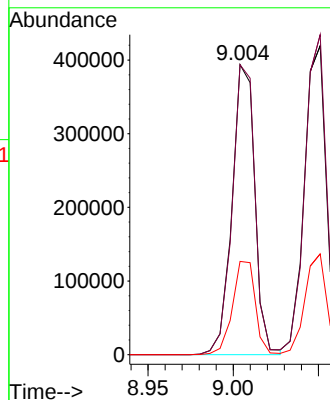
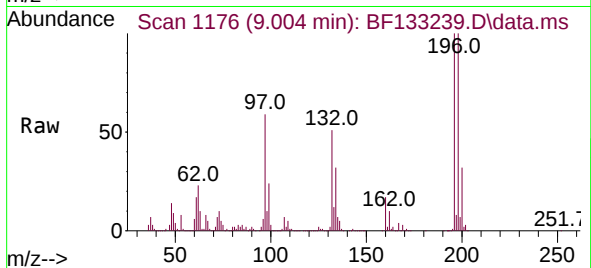
200 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#44

2,4,5-Trichlorophenol

Concen: 41.082 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

Tgt Ion:196 Resp: 382898

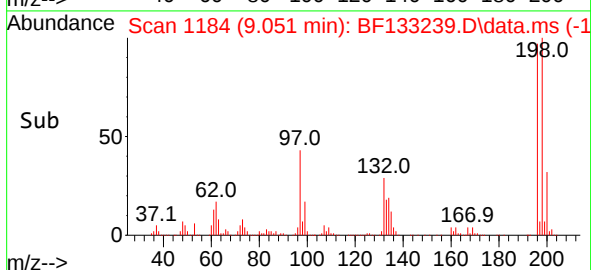
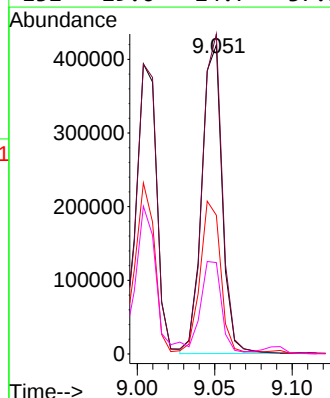
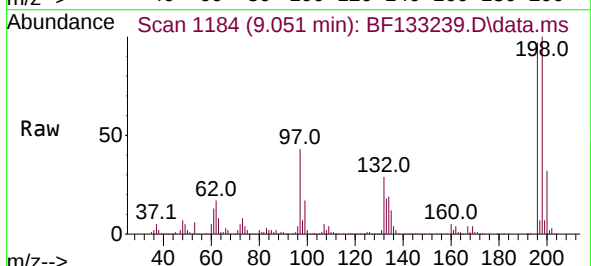
Ion Ratio Lower Upper

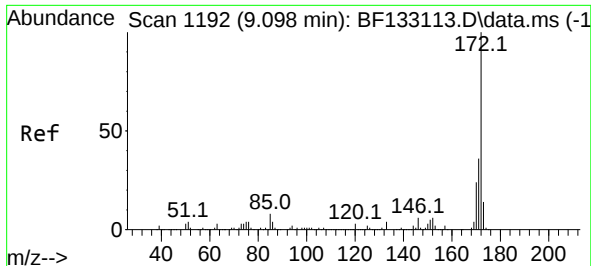
196 100

198 103.6 80.9 121.3

97 44.9 41.3 61.9

132 29.6 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 78.861 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

VNJ-241MSD

Tgt Ion:172 Resp: 2042980

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

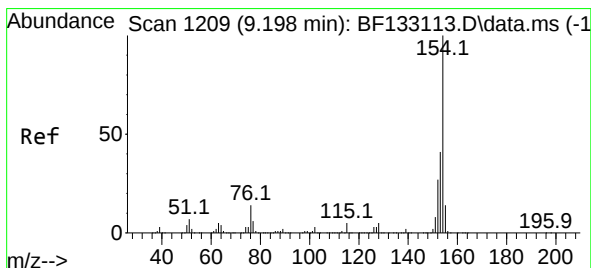
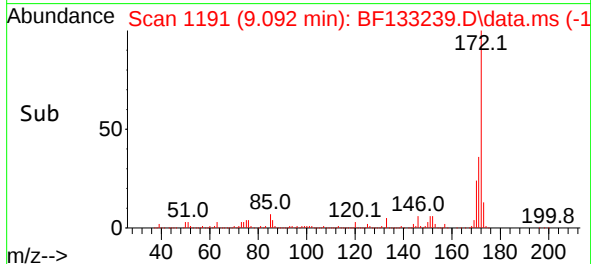
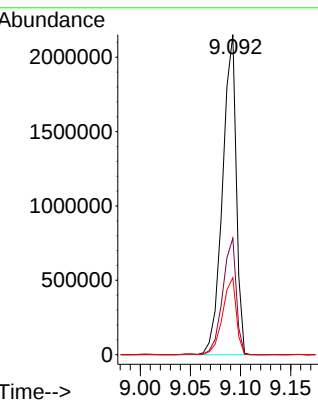
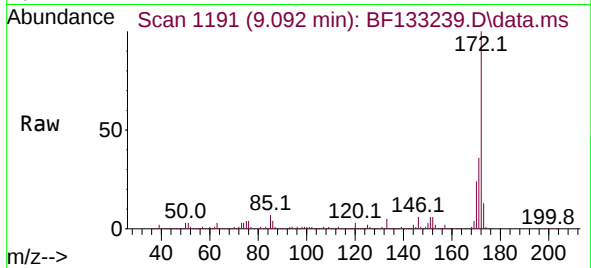
170 24.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#46

1,1'-Biphenyl

Concen: 43.269 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

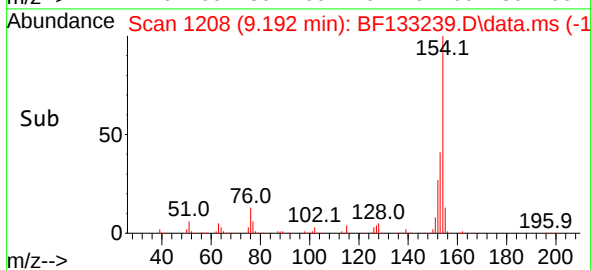
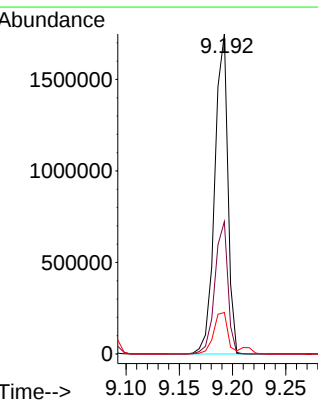
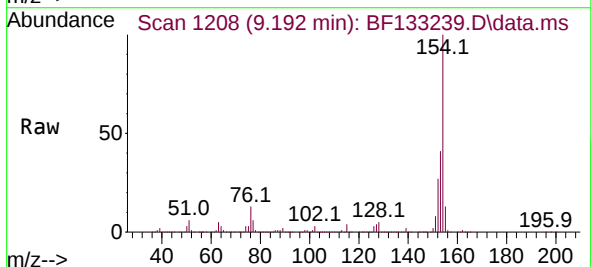
Tgt Ion:154 Resp: 1487049

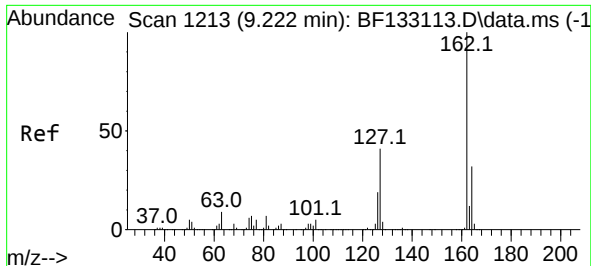
Ion Ratio Lower Upper

154 100

153 41.3 21.0 61.0

76 13.0 0.0 34.5





#47

2-Chloronaphthalene

Concen: 44.929 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

VNJ-241MSD

Tgt Ion:162 Resp: 1130179

Ion Ratio Lower Upper

162 100

127 39.9 32.3 48.5

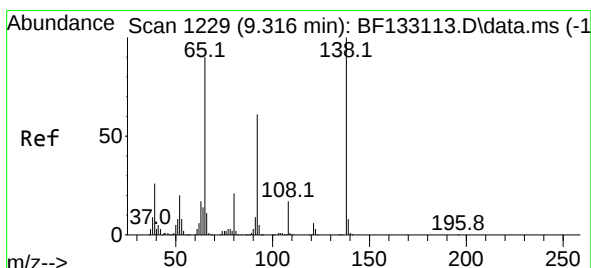
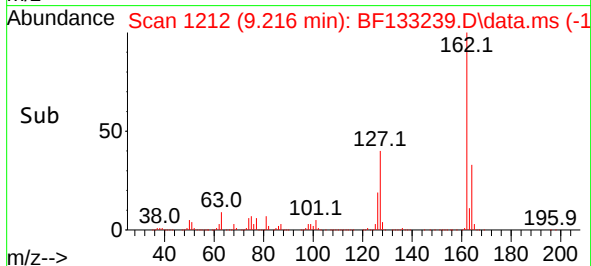
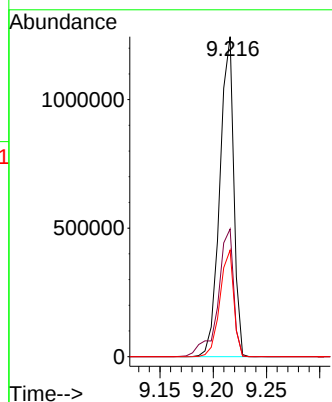
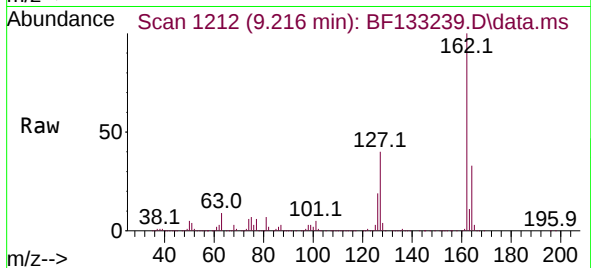
164 33.3 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#48

2-Nitroaniline

Concen: 44.132 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

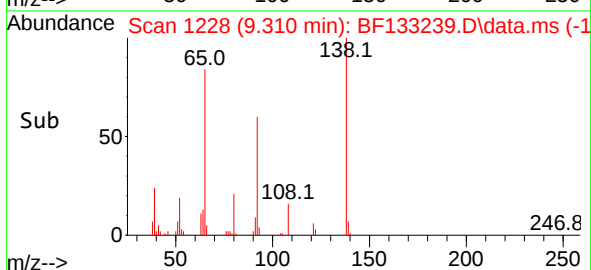
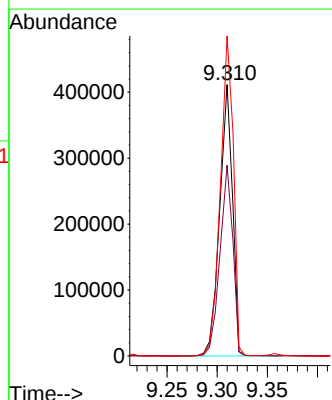
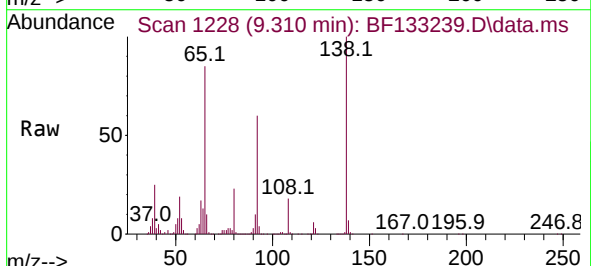
Tgt Ion: 65 Resp: 366887

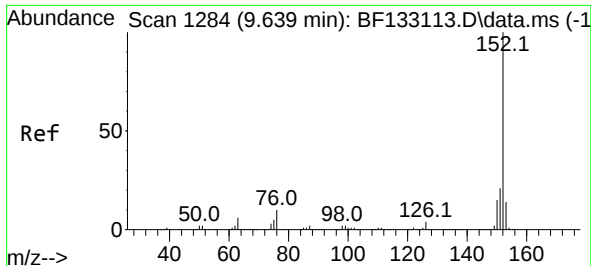
Ion Ratio Lower Upper

65 100

92 70.3 55.4 83.0

138 117.9 98.2 147.2





#49

Acenaphthylene

Concen: 43.361 ng

RT: 9.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

VNJ-241MSD

Tgt Ion:152 Resp: 174280

Ion Ratio Lower Upper

152 100

151 21.1 16.6 24.8

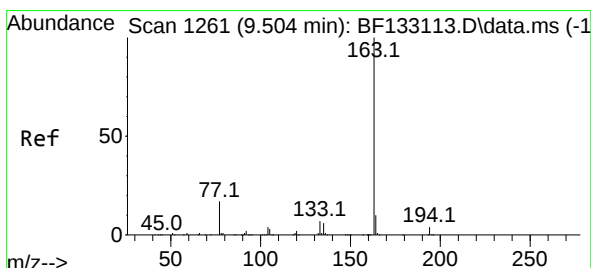
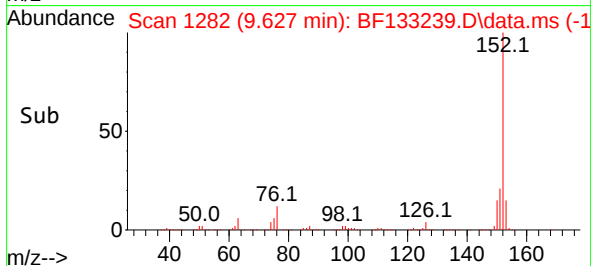
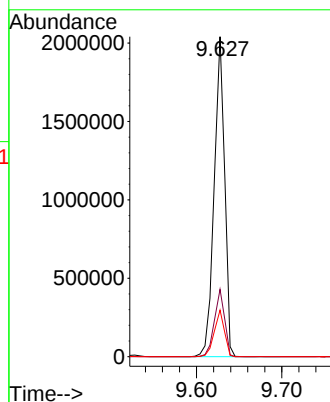
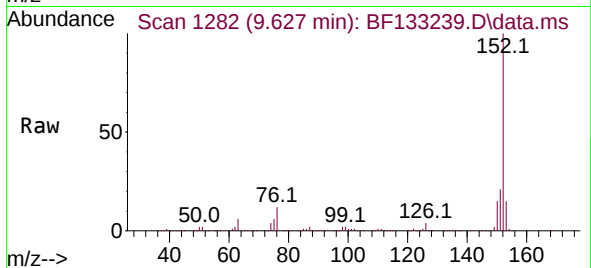
153 14.5 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#50

Dimethylphthalate

Concen: 44.419 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

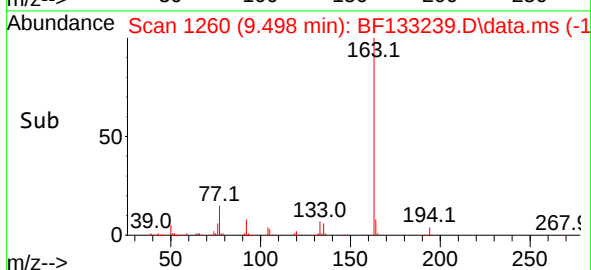
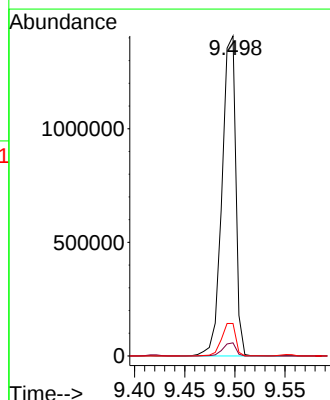
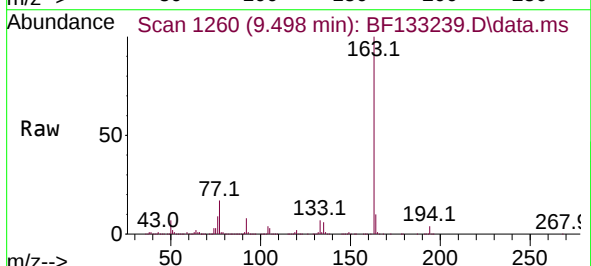
Tgt Ion:163 Resp: 1342362

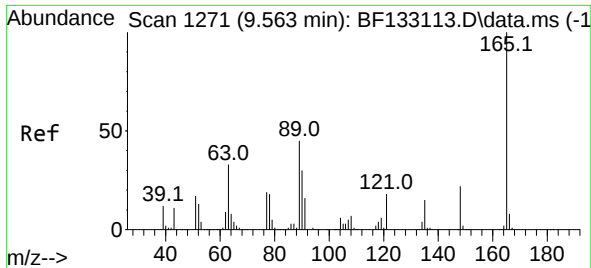
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.1 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 45.748 ng
RT: 9.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

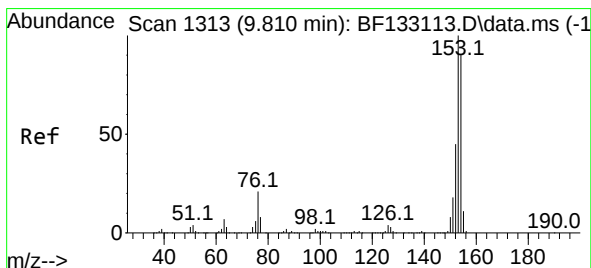
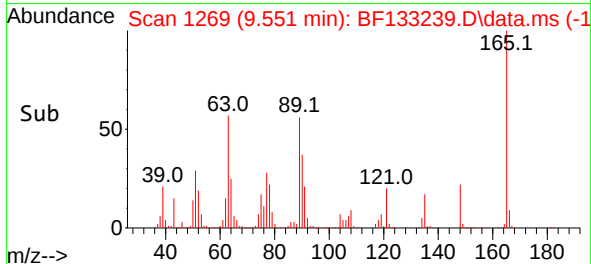
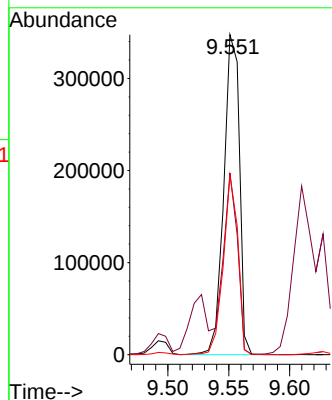
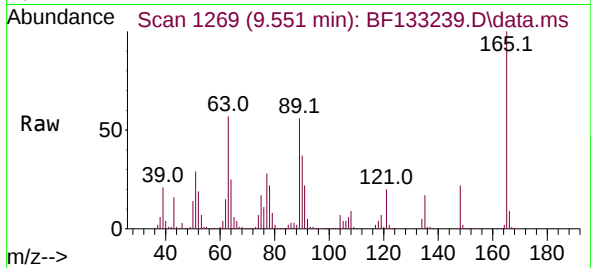
VNJ-241MSD

Tgt Ion:165 Resp: 311170
Ion Ratio Lower Upper
165 100
63 56.8 45.9 68.9
89 56.2 44.0 66.0

Manual Integrations

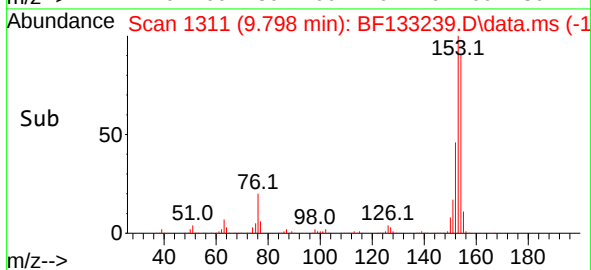
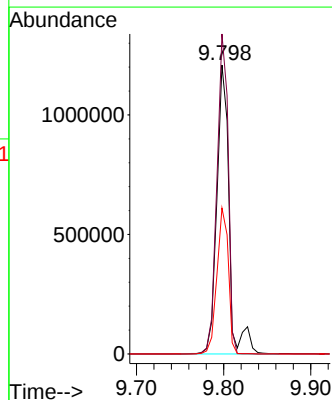
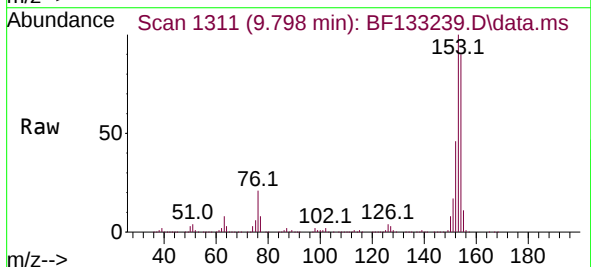
APPROVED

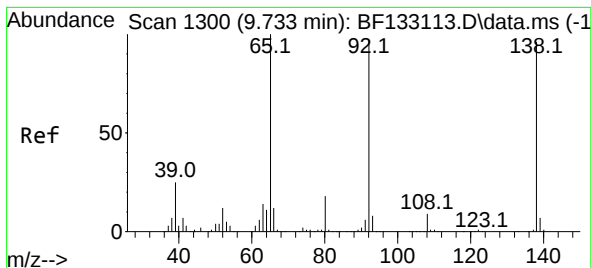
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#52
Acenaphthene
Concen: 43.968 ng m
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Tgt Ion:154 Resp: 1183596
Ion Ratio Lower Upper
154 100
153 110.7 89.0 133.6
152 50.5 40.4 60.6





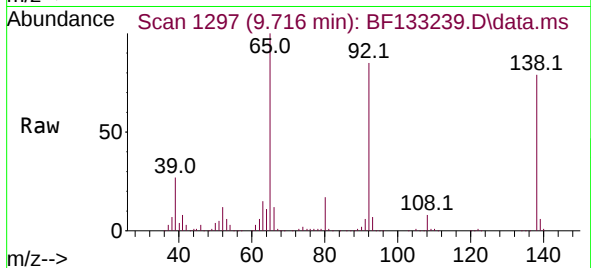
#53
3-Nitroaniline
Concen: 24.080 ng
RT: 9.716 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

VNJ-241MSD

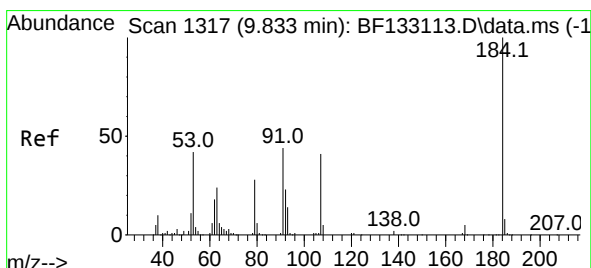
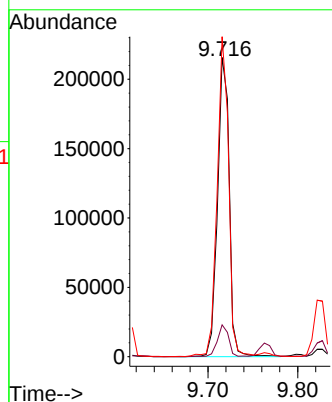
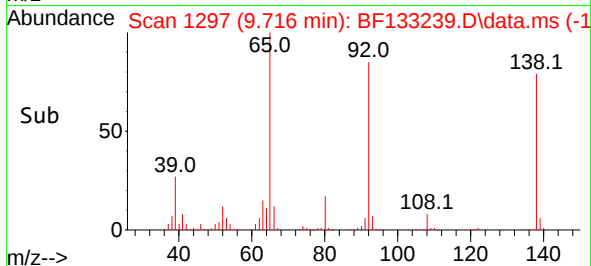


Tgt Ion:138 Resp: 194740
Ion Ratio Lower Upper
138 100
108 10.6 8.0 12.0
92 106.9 83.6 125.4

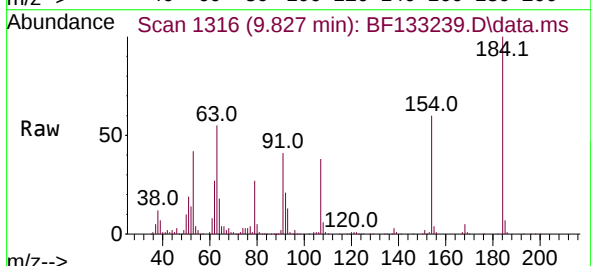
Manual Integrations

APPROVED

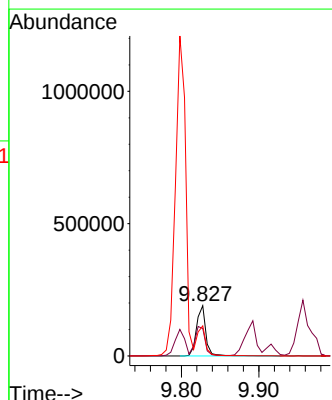
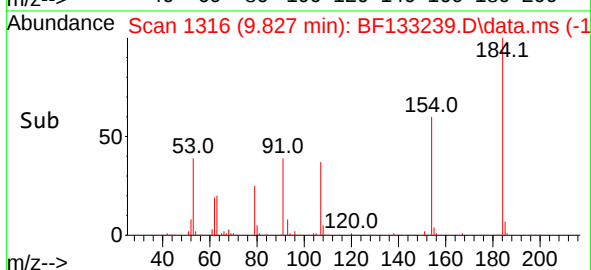
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

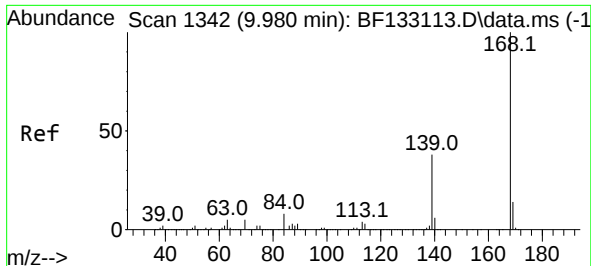


#54
2,4-Dinitrophenol
Concen: 46.277 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35



Tgt Ion:184 Resp: 158221
Ion Ratio Lower Upper
184 100
63 54.7 49.8 74.8
154 59.8 49.5 74.3





#55
Dibenzenofuran
Concen: 42.617 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Instrument :

BNA_F

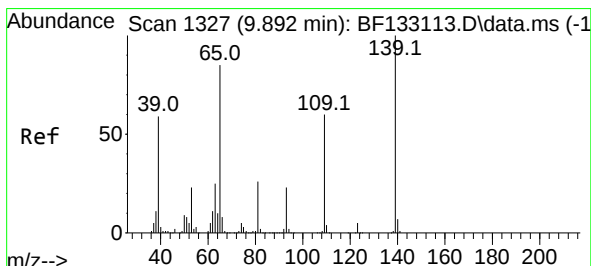
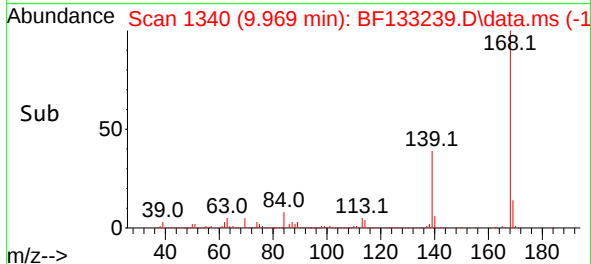
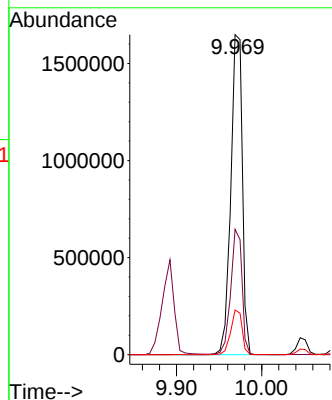
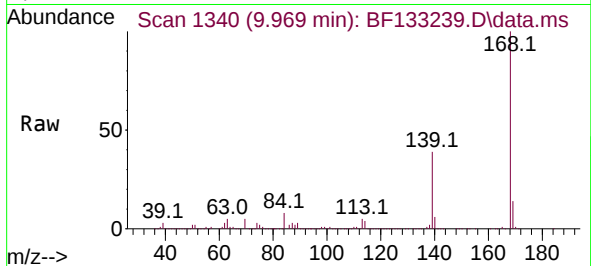
ClientSampleId :

VNJ-241MSD

Tgt Ion:168 Resp: 1564912
Ion Ratio Lower Upper
168 100
139 39.1 29.8 44.8
169 13.9 10.8 16.2

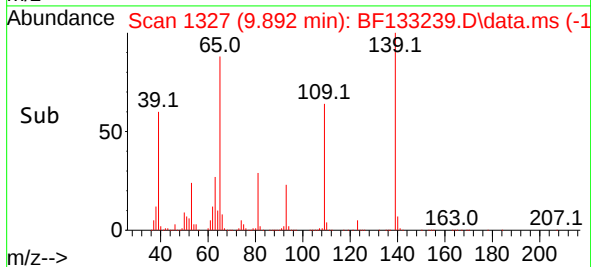
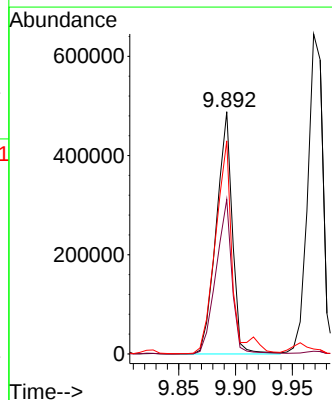
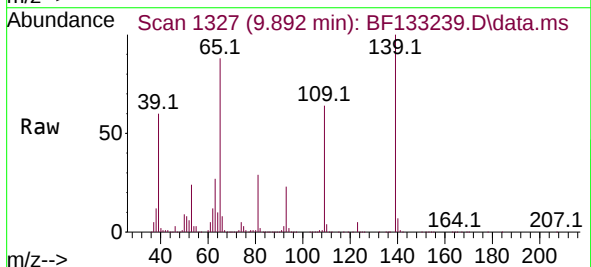
Manual Integrations
APPROVED

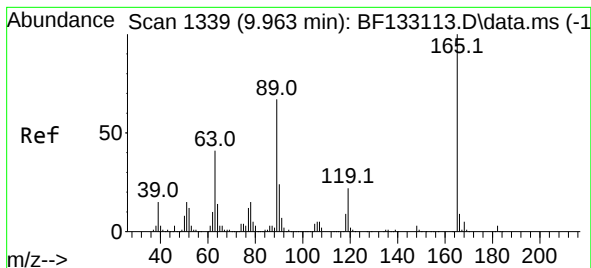
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#56
4-Nitrophenol
Concen: 76.800 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Tgt Ion:139 Resp: 481075
Ion Ratio Lower Upper
139 100
109 63.8 39.4 79.4
65 87.9 57.5 97.5





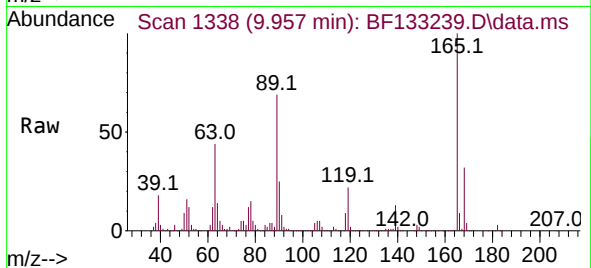
#57
2,4-Dinitrotoluene
Concen: 46.320 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

VNJ-241MSD

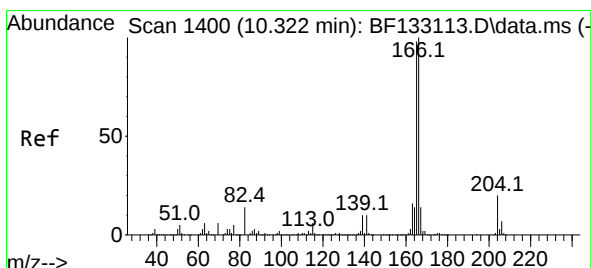
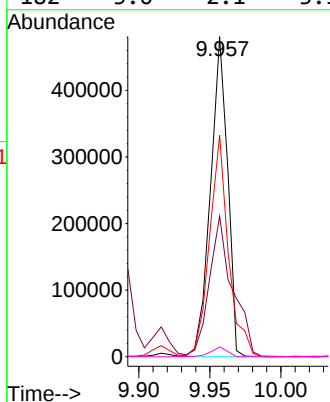
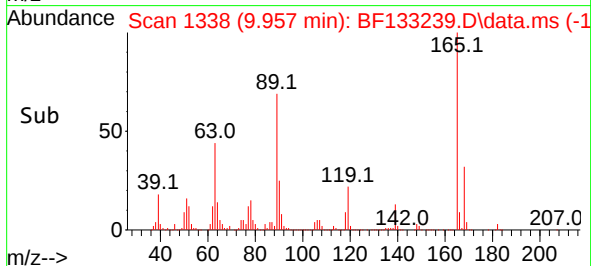


Tgt Ion:165 Resp: 401794
Ion Ratio Lower Upper
165 100
63 43.9 37.7 56.5
89 69.2 57.0 85.4
182 3.0 2.1 3.1

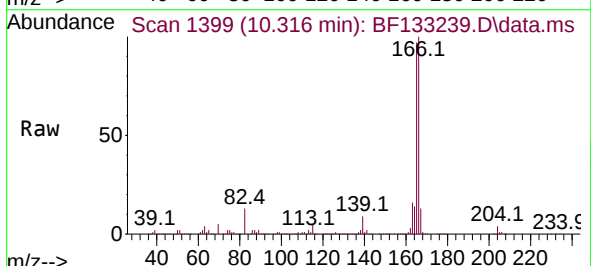
Manual Integrations

APPROVED

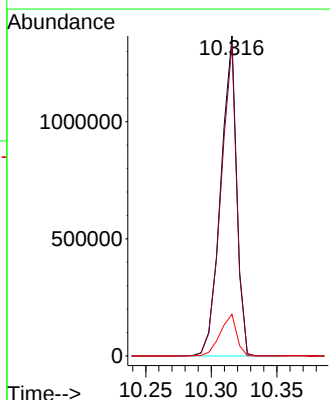
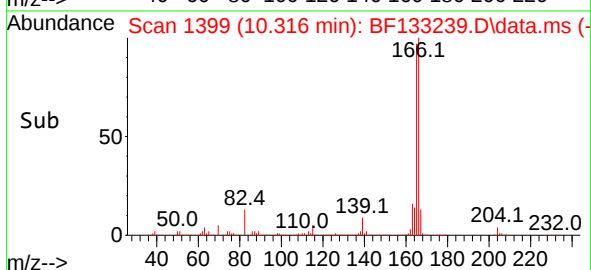
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

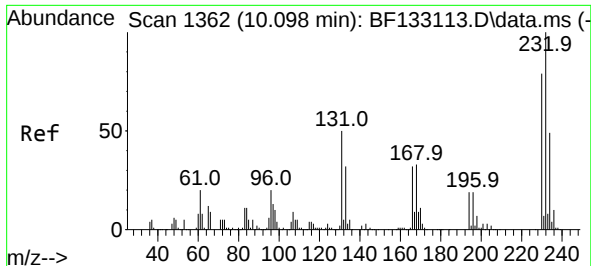


#58
Fluorene
Concen: 42.721 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35



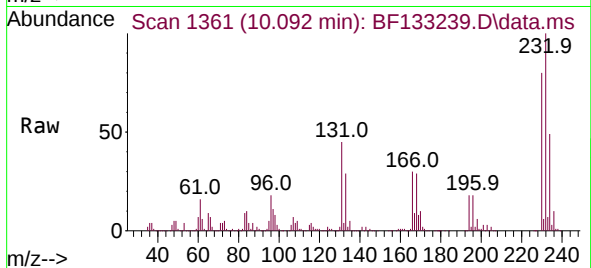
Tgt Ion:166 Resp: 1149318
Ion Ratio Lower Upper
166 100
165 97.3 78.6 117.8
167 13.0 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.411 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

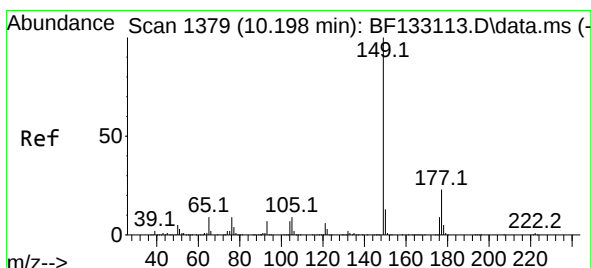
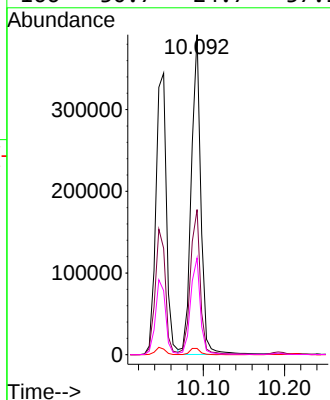
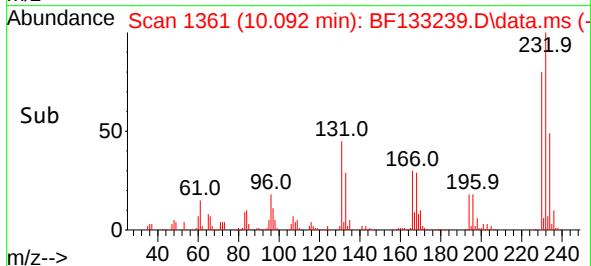
Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD



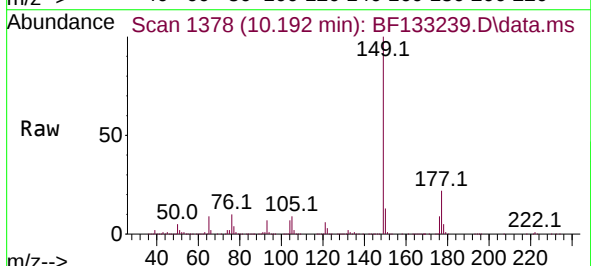
Tgt Ion:232 Resp: 320901
Ion Ratio Lower Upper
232 100
131 46.8 38.0 57.0
130 2.2 1.8 2.8
166 30.7 24.7 37.1

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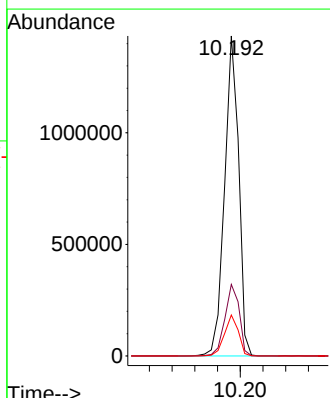
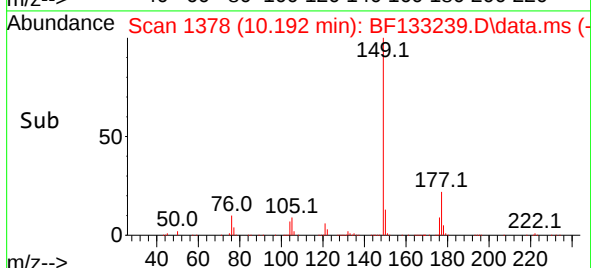
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

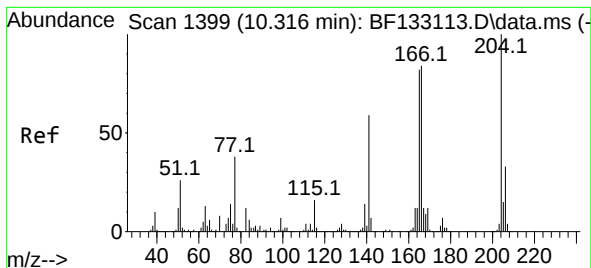


#60
Diethylphthalate
Concen: 43.366 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35



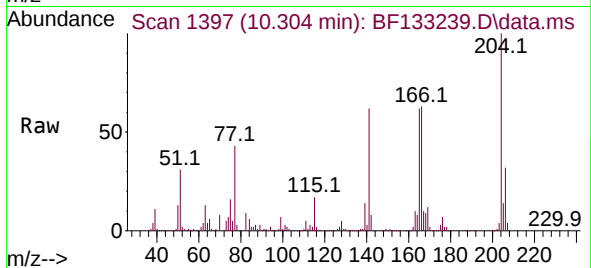
Tgt Ion:149 Resp: 1237888
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.4
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.551 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

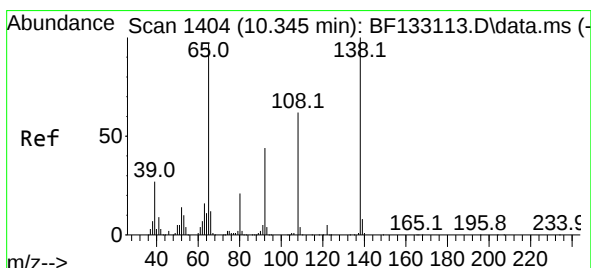
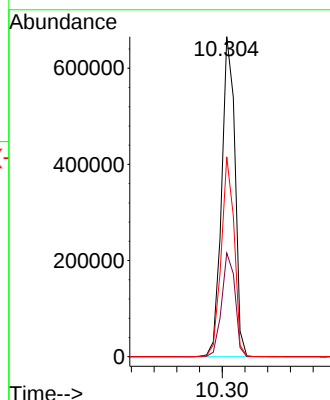
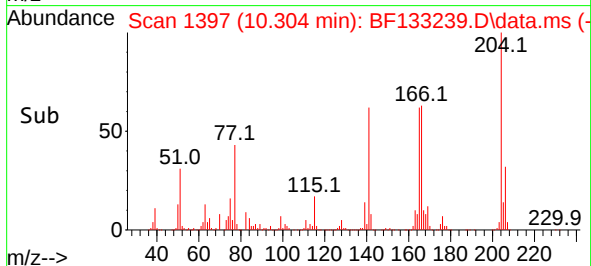
Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD



Tgt Ion:204 Resp: 54475
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 62.5 46.1 69.1

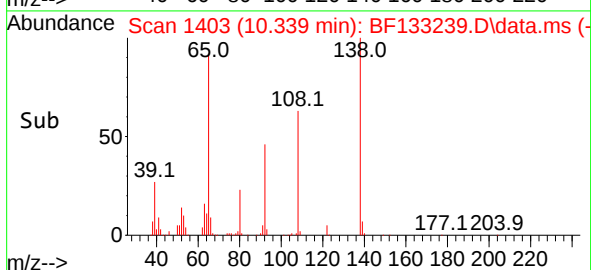
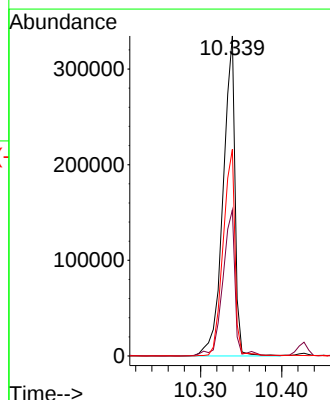
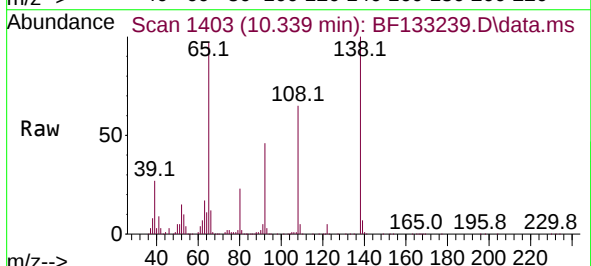
Manual Integrations
APPROVED

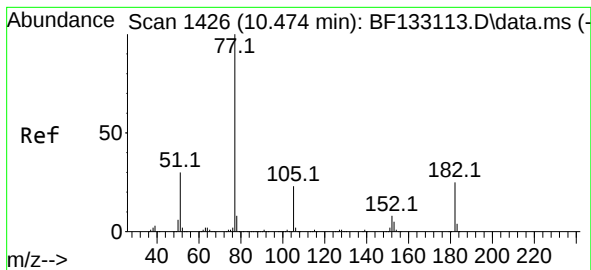
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#62
4-Nitroaniline
Concen: 46.227 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

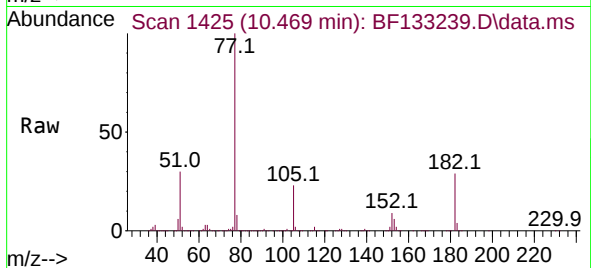
Tgt Ion:138 Resp: 343620
Ion Ratio Lower Upper
138 100
92 45.6 27.7 67.7
108 64.5 45.2 85.2





#63
Azobenzene
Concen: 41.357 ng
RT: 10.469 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

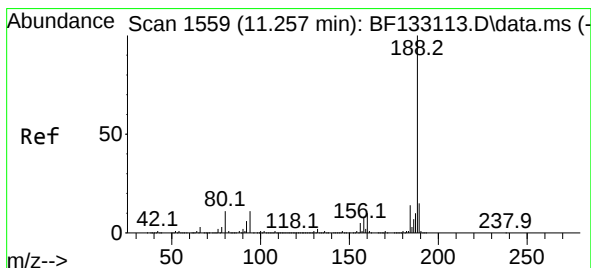
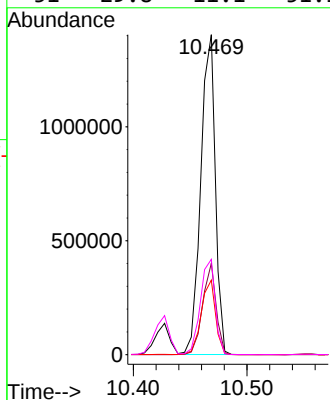
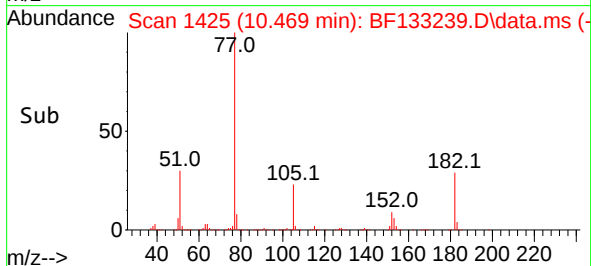
Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD



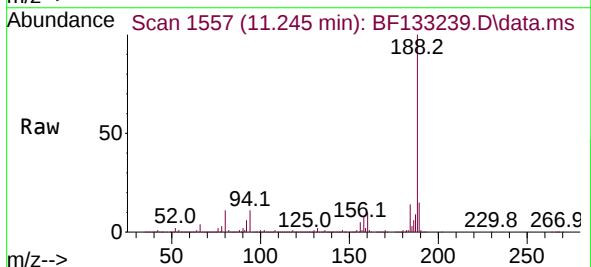
Tgt Ion: 77 Resp: 125059
Ion Ratio Lower Upper
77 100
182 28.6 5.9 45.9
105 23.3 2.3 42.3
51 29.8 11.1 51.1

Manual Integrations
APPROVED

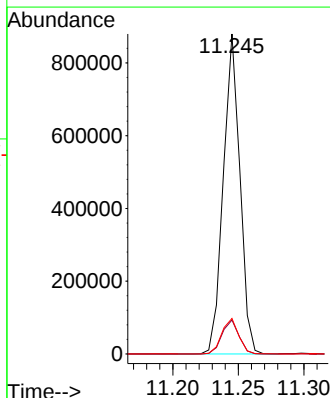
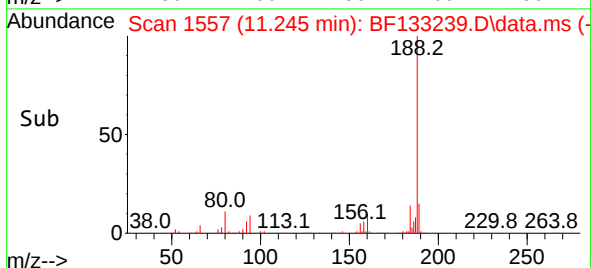
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

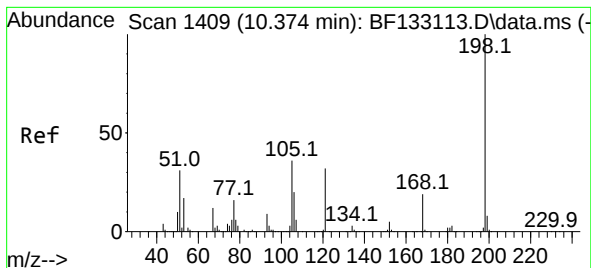


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35



Tgt Ion:188 Resp: 773091
Ion Ratio Lower Upper
188 100
94 10.6 9.7 14.5
80 11.1 10.4 15.6





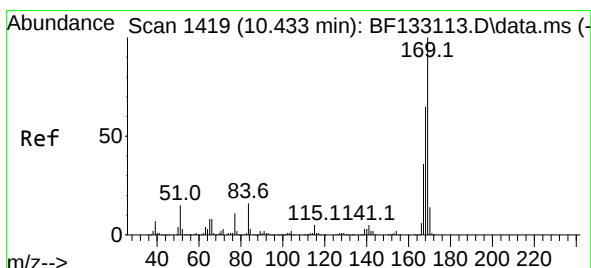
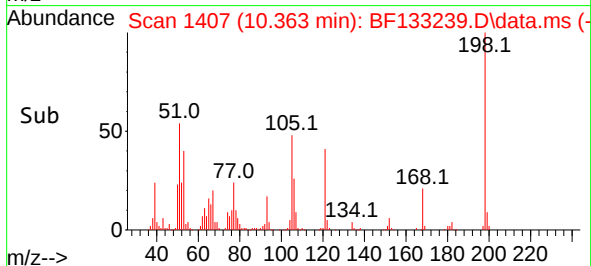
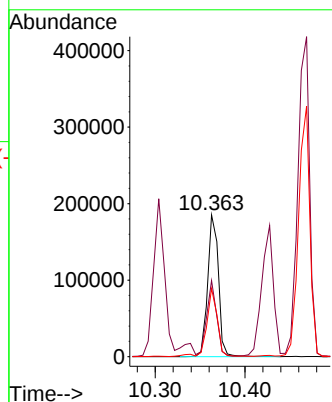
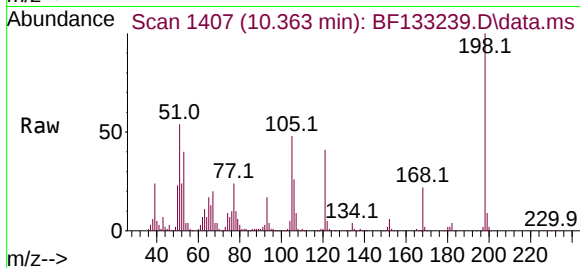
#65
4,6-Dinitro-2-methylphenol
Concen: 32.981 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tgt Ion:198 Resp: 154540
Ion Ratio Lower Upper
198 100
51 53.7 15.5 55.5
105 48.1 16.7 56.7

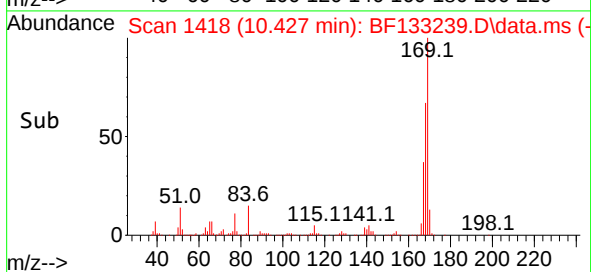
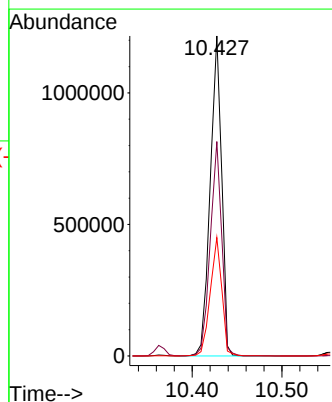
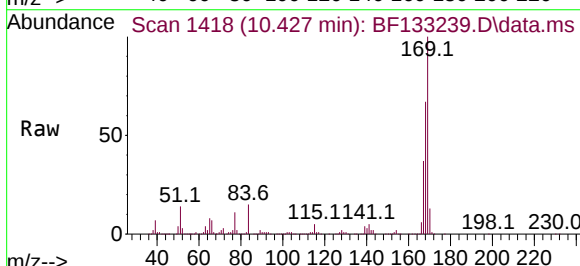
Manual Integrations
APPROVED

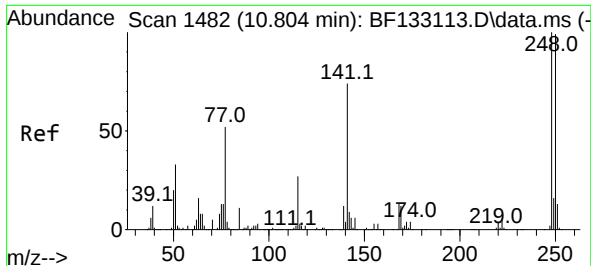
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#66
n-Nitrosodiphenylamine
Concen: 42.928 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

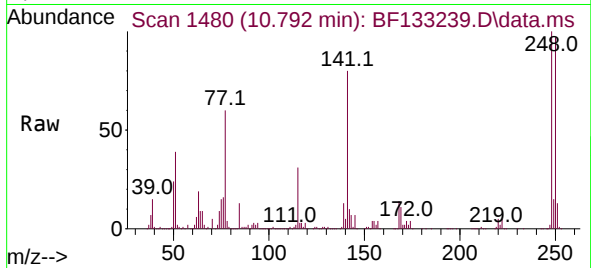
Tgt Ion:169 Resp: 1076511
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.8
167 37.0 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 42.515 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

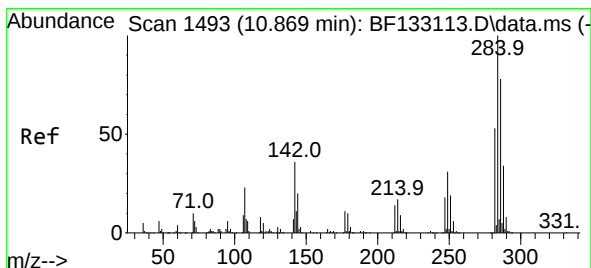
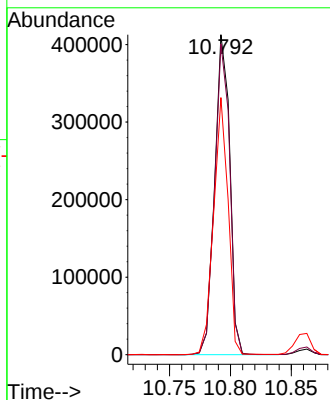
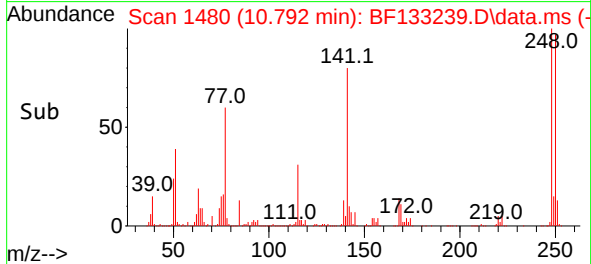
Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD



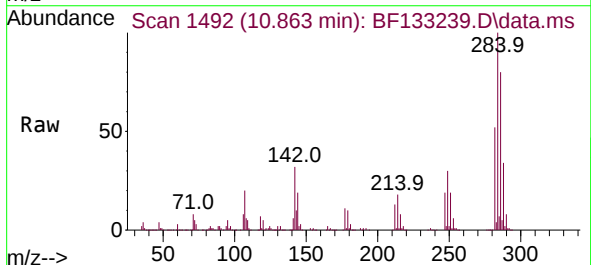
Tgt Ion:248 Resp: 356470
Ion Ratio Lower Upper
248 100
250 97.2 78.7 118.1
141 80.4 56.3 84.5

Manual Integrations
APPROVED

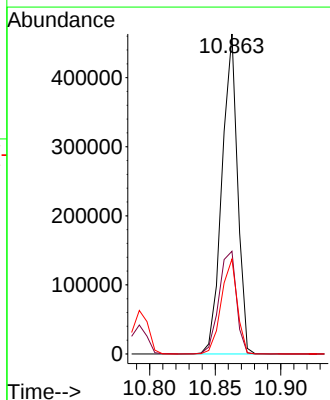
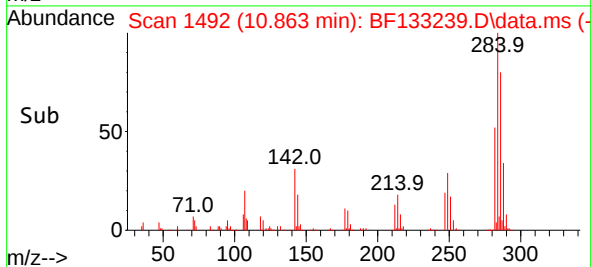
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

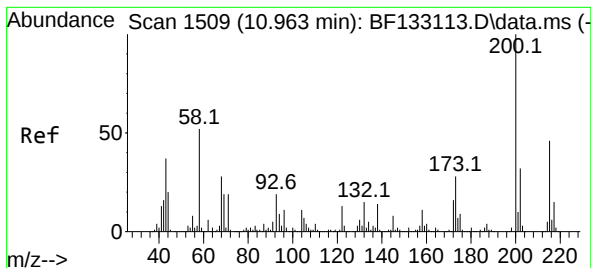


#68
Hexachlorobenzene
Concen: 44.514 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35



Tgt Ion:284 Resp: 382448
Ion Ratio Lower Upper
284 100
142 32.1 26.0 39.0
249 29.6 23.7 35.5





#69

Atrazine

Concen: 50.230 ng

RT: 10.957 min Scan# 1508

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

VNJ-241MSD

Tgt Ion:200 Resp: 36295

Ion Ratio Lower Upper

200 100

173 26.7 6.2 46.2

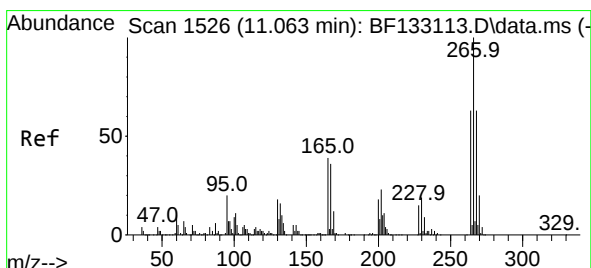
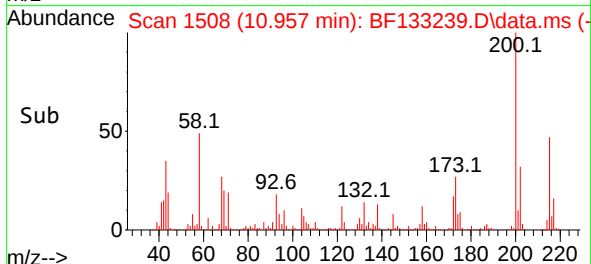
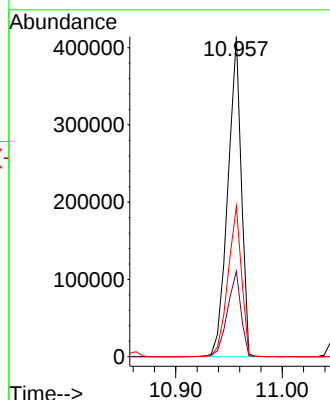
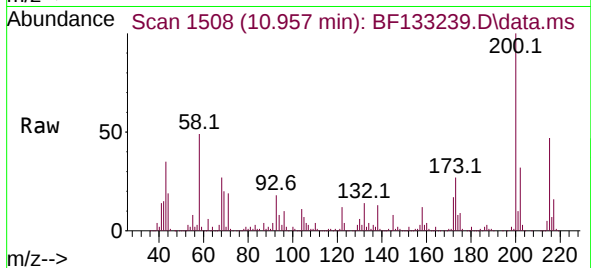
215 47.0 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#70

Pentachlorophenol

Concen: 66.135 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

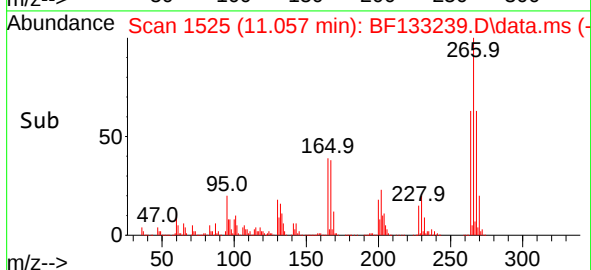
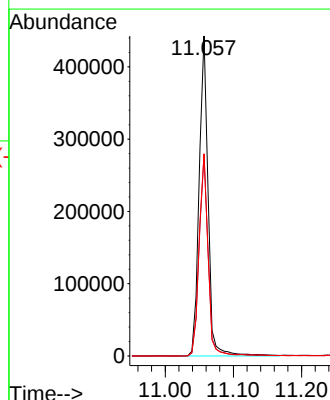
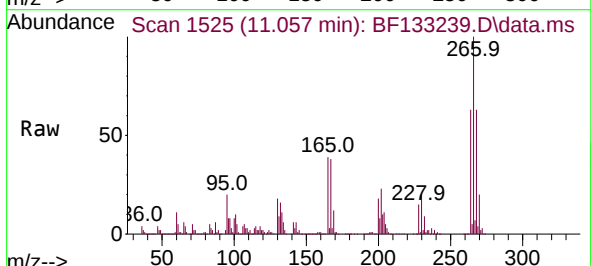
Tgt Ion:266 Resp: 404676

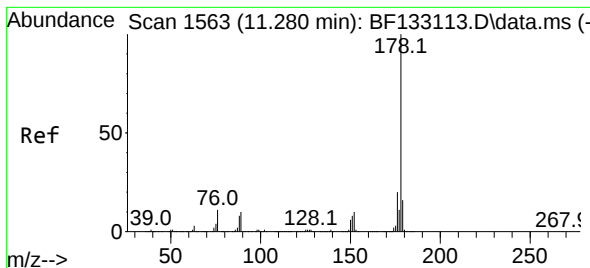
Ion Ratio Lower Upper

266 100

268 62.8 48.8 73.2

264 63.2 50.6 76.0





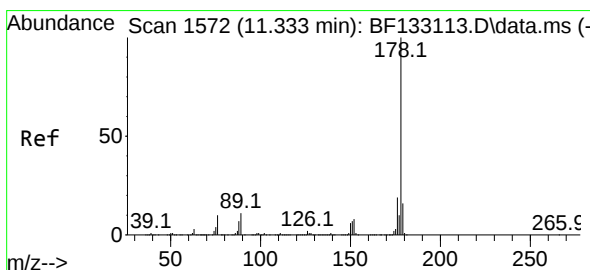
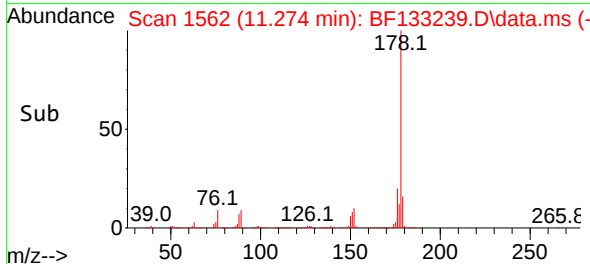
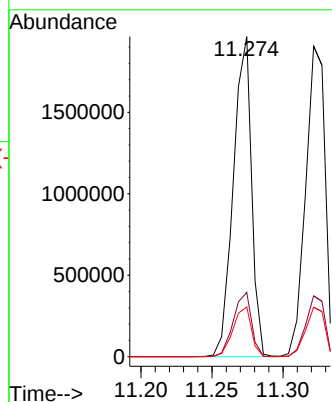
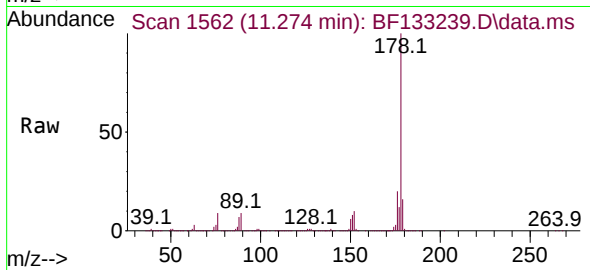
#71
Phenanthrene
Concen: 42.220 ng
RT: 11.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tgt Ion:178 Resp: 1754312
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 15.6 12.5 18.7

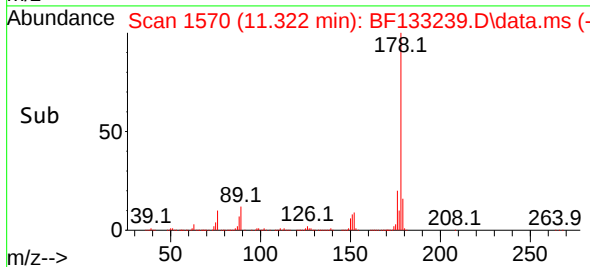
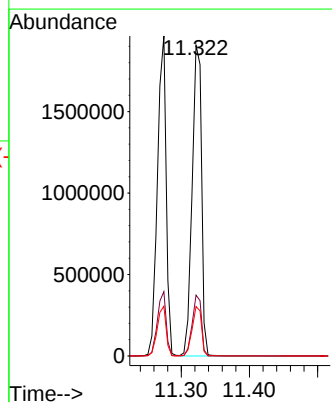
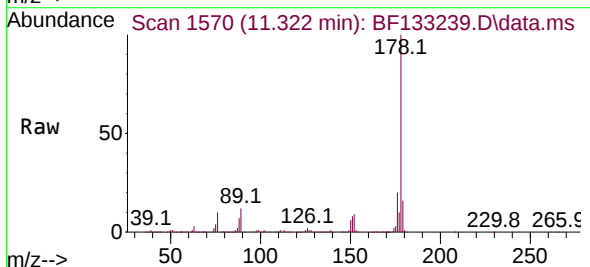
Manual Integrations
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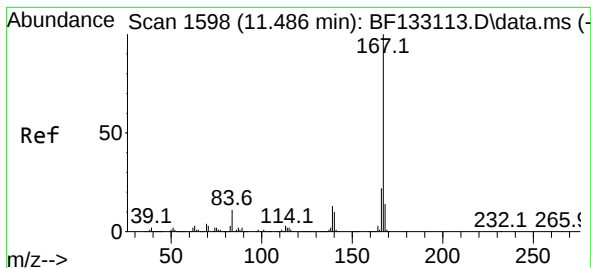
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#72
Anthracene
Concen: 42.618 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Tgt Ion:178 Resp: 1812244
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.9 12.4 18.6





#73

Carbazole

Concen: 43.460 ng

RT: 11.480 min Scan# 1598

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

VNJ-241MSD

Tgt Ion:167 Resp: 164556

Ion Ratio Lower Upper

167 100

166 22.4 17.4 26.0

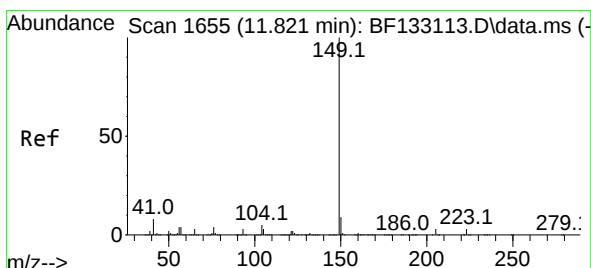
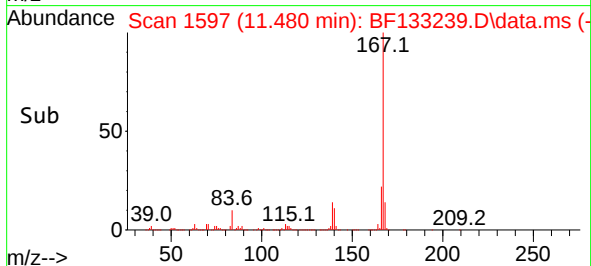
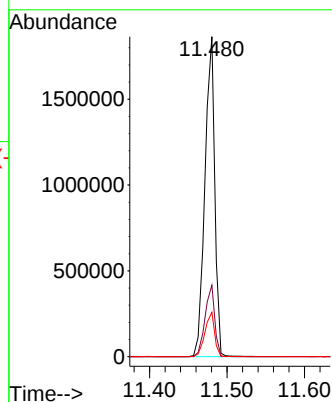
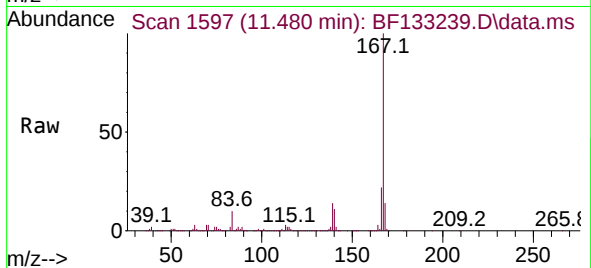
139 13.9 10.6 16.0

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: 45.107 ng

RT: 11.816 min Scan# 1654

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

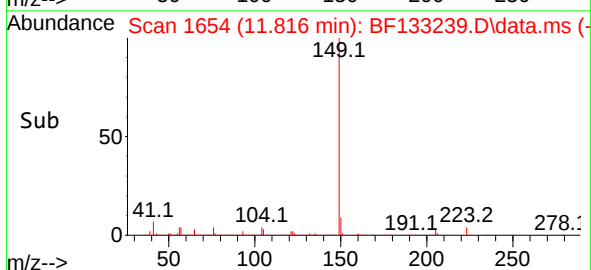
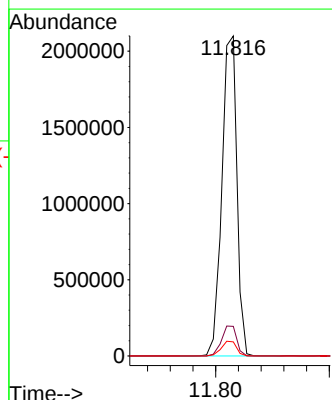
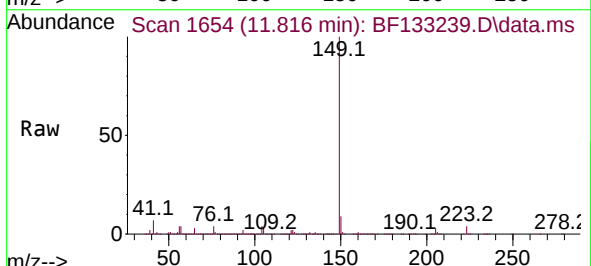
Tgt Ion:149 Resp: 1932790

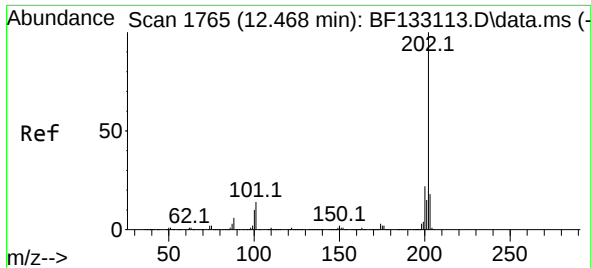
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

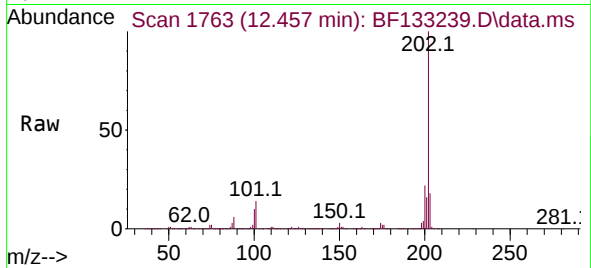
104 4.4 4.0 6.0





#75
Fluoranthene
Concen: 41.663 ng
RT: 12.457 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

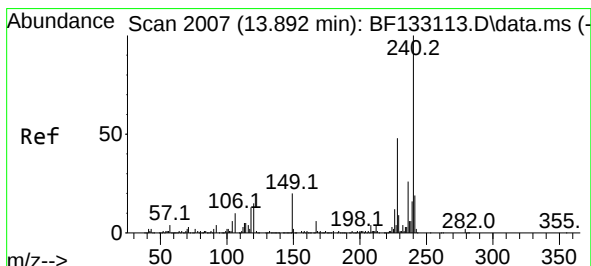
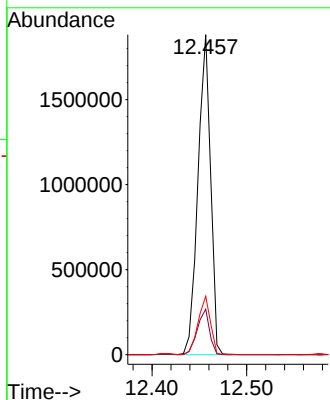
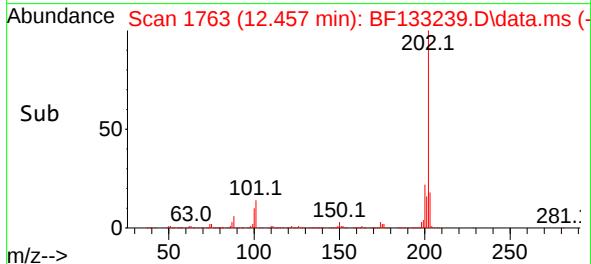
Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD



Tgt Ion:202 Resp: 1737389
Ion Ratio Lower Upper
202 100
101 14.2 0.0 35.3
203 18.3 0.0 38.1

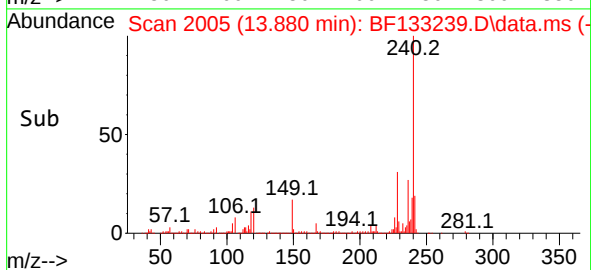
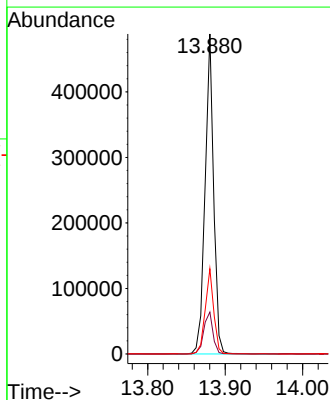
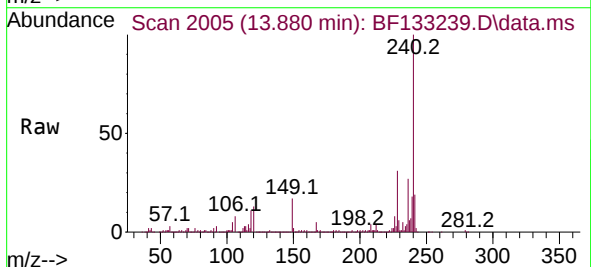
Manual Integrations
APPROVED

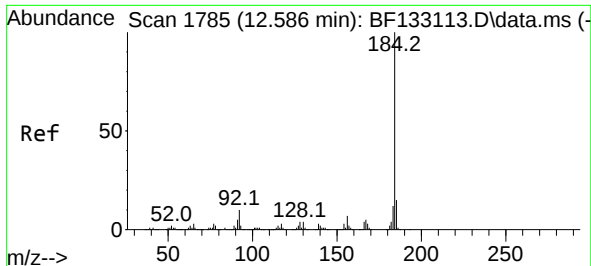
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Tgt Ion:240 Resp: 374596
Ion Ratio Lower Upper
240 100
120 13.1 10.5 15.7
236 26.7 21.5 32.3





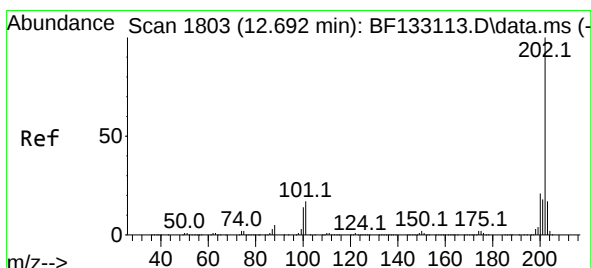
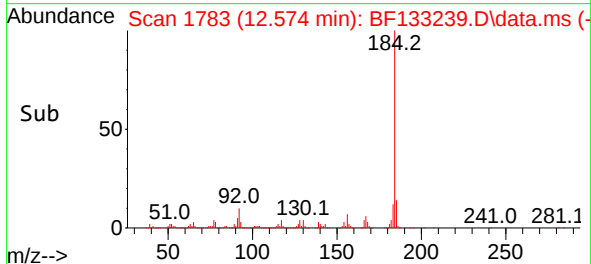
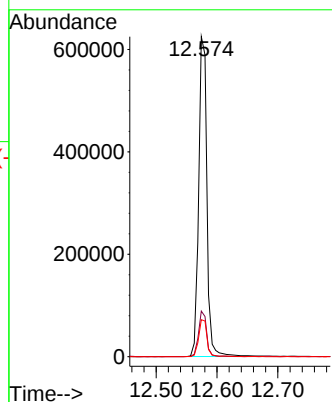
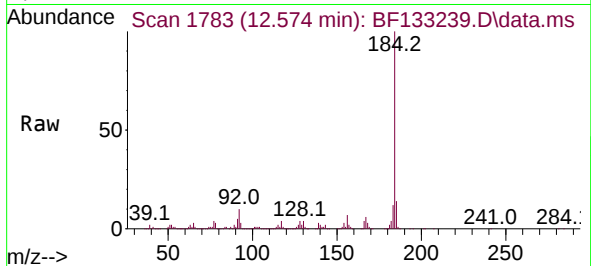
#77
Benzidine
Concen: 92.384 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tgt Ion:184 Resp: 58521
Ion Ratio Lower Upper
184 100
185 14.2 15.4 23.2
183 11.6 9.4 14.0

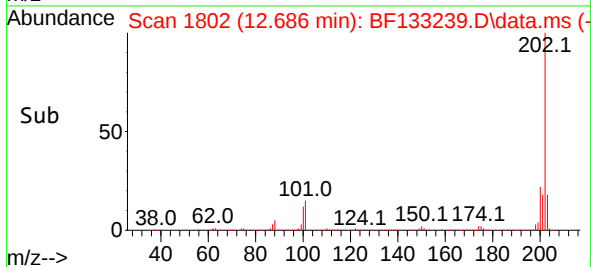
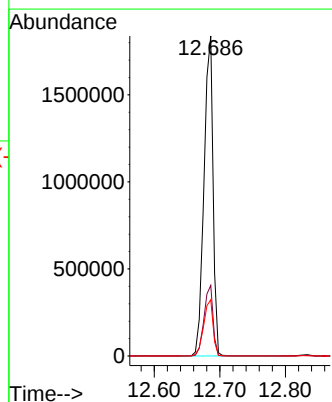
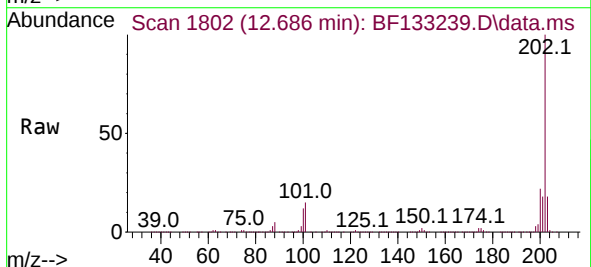
Manual Integrations
APPROVED

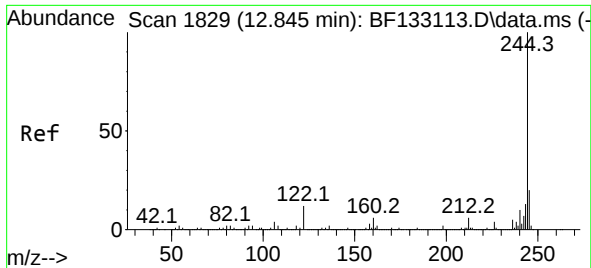
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#78
Pyrene
Concen: 54.941 ng
RT: 12.686 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

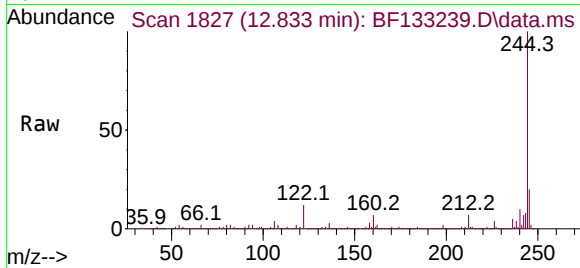
Tgt Ion:202 Resp: 1764224
Ion Ratio Lower Upper
202 100
200 22.0 17.1 25.7
203 17.6 14.1 21.1





#79
 Terphenyl-d14
 Concen: 104.574 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.000 min
 Lab File: BF133239.D
 Acq: 04 May 2023 19:35

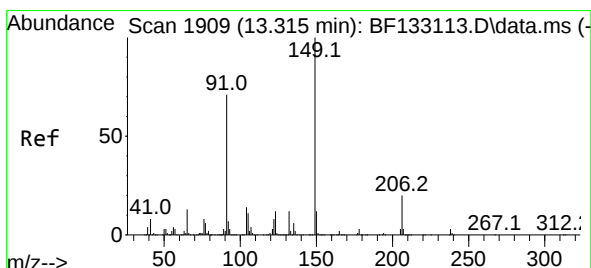
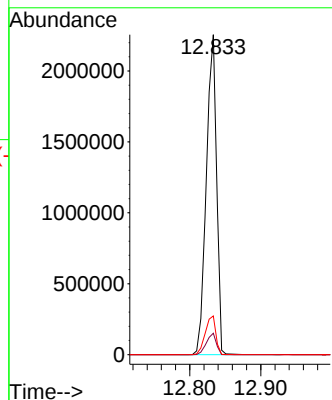
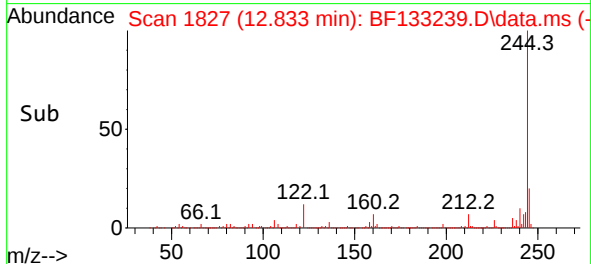
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MSD



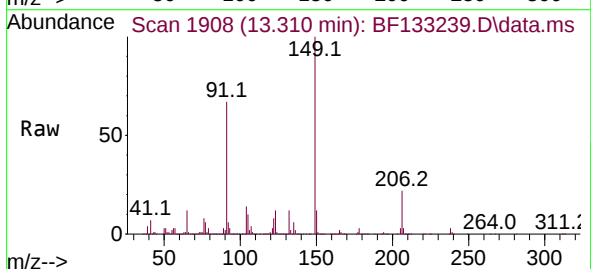
Tgt Ion:244 Resp: 2271330
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 12.1 8.6 13.0

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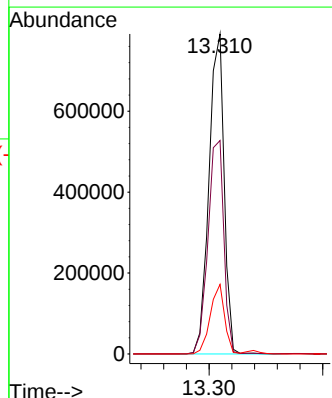
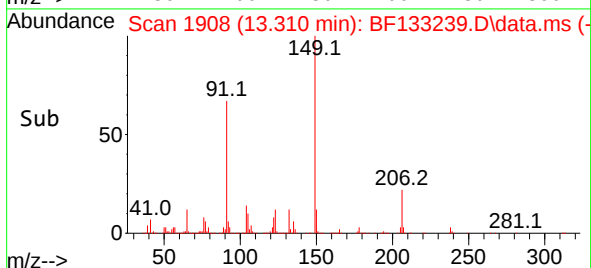
Reviewed By :Christian Giraldo 05/05/2023
 Supervised By :Jagrut Upadhyay 05/05/2023

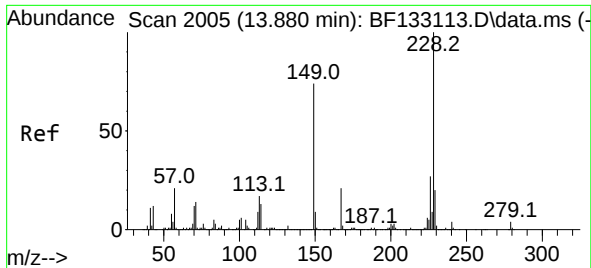


#80
 Butylbenzylphthalate
 Concen: 64.279 ng
 RT: 13.310 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: BF133239.D
 Acq: 04 May 2023 19:35



Tgt Ion:149 Resp: 730841
 Ion Ratio Lower Upper
 149 100
 91 66.7 53.8 80.6
 206 21.7 17.5 26.3





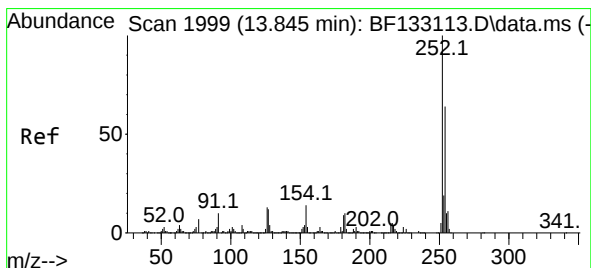
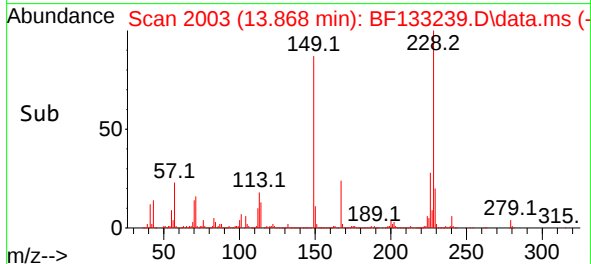
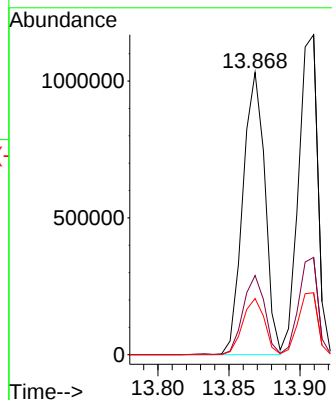
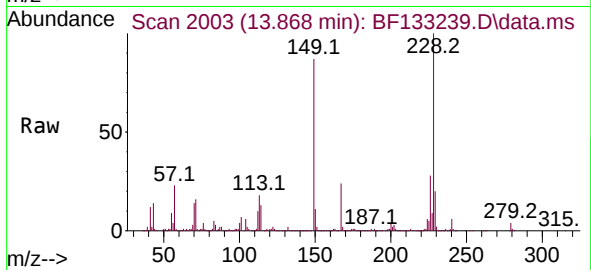
#81
Benzo(a)anthracene
Concen: 43.233 ng
RT: 13.868 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD

Tgt Ion:228 Resp: 111367
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.4
229 19.9 16.0 24.0

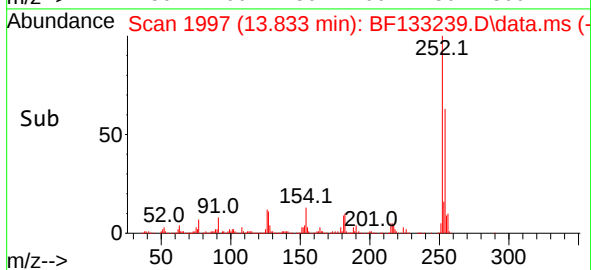
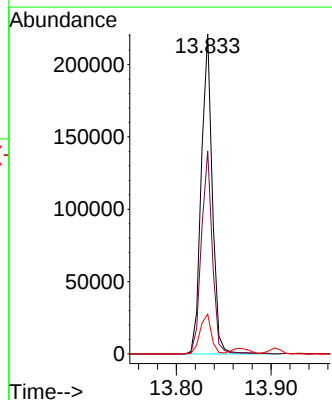
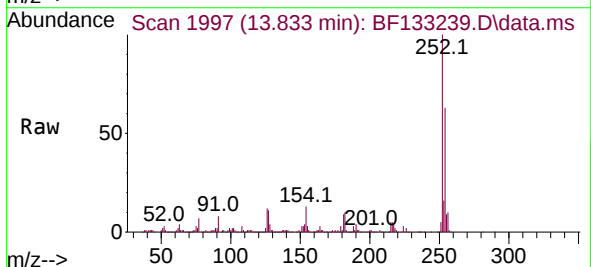
Manual Integrations
APPROVED

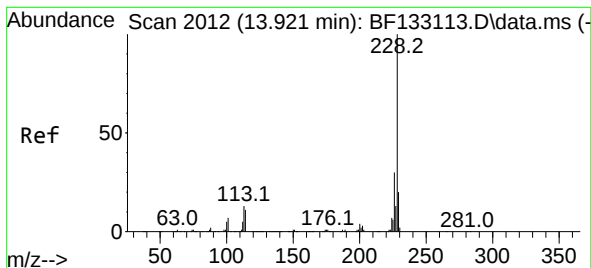
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#82
3,3'-Dichlorobenzidine
Concen: 25.112 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Tgt Ion:252 Resp: 178704
Ion Ratio Lower Upper
252 100
254 63.4 51.5 77.3
126 12.5 9.5 14.3





#83

Chrysene

Concen: 42.849 ng

RT: 13.910 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

Instrument :

BNA_F

ClientSampleId :

VNJ-241MSD

Tgt Ion:228 Resp: 1103508

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

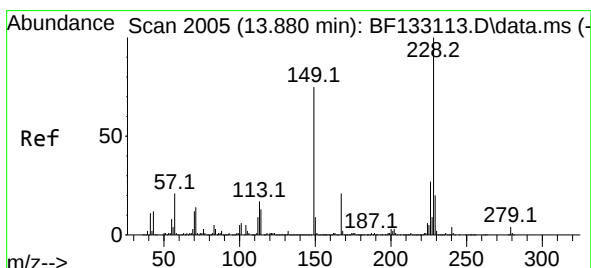
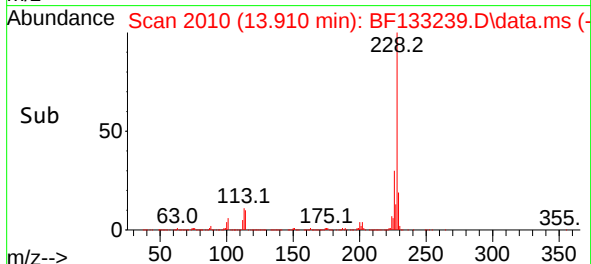
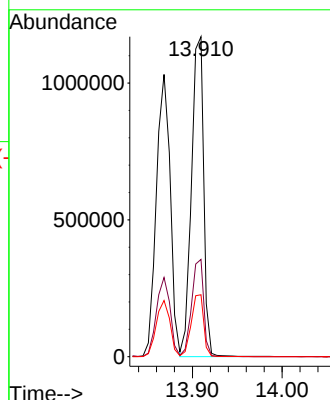
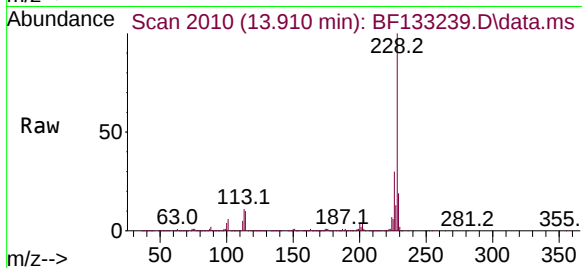
229 19.3 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.969 ng

RT: 13.868 min Scan# 2003

Delta R.T. -0.000 min

Lab File: BF133239.D

Acq: 04 May 2023 19:35

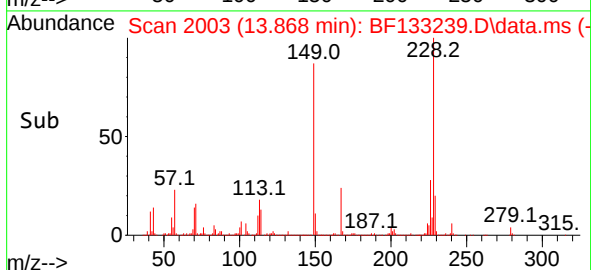
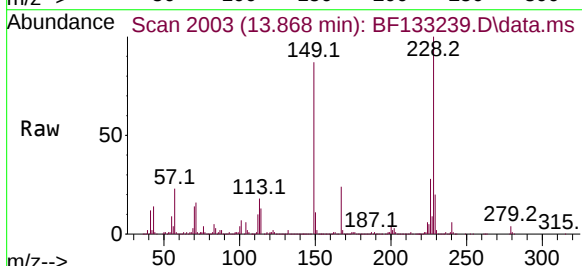
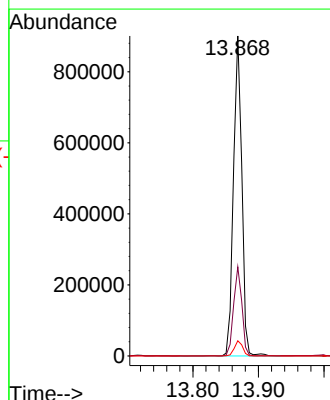
Tgt Ion:149 Resp: 798743

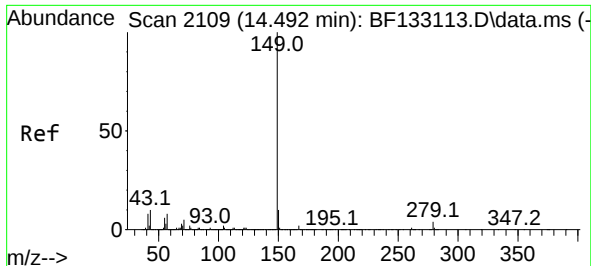
Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

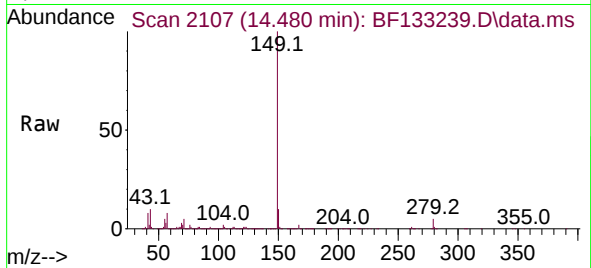
279 4.7 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 51.541 ng
RT: 14.480 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

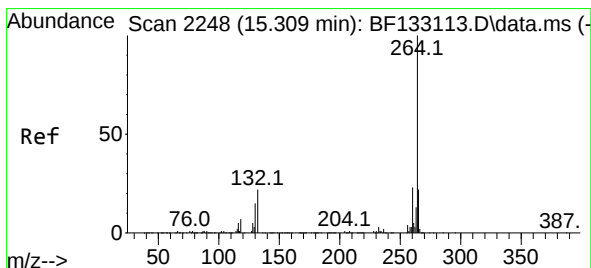
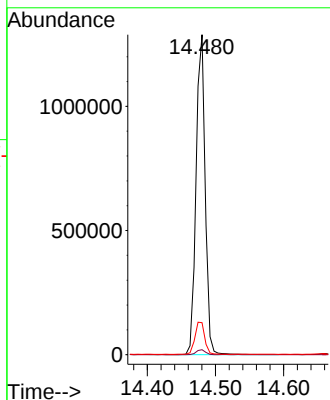
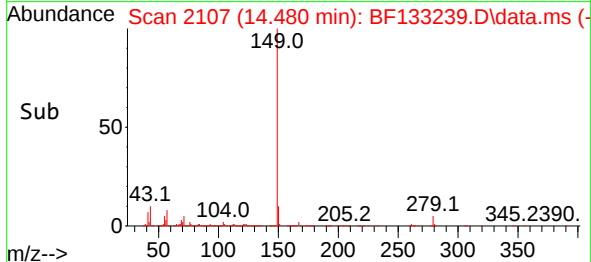
Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD



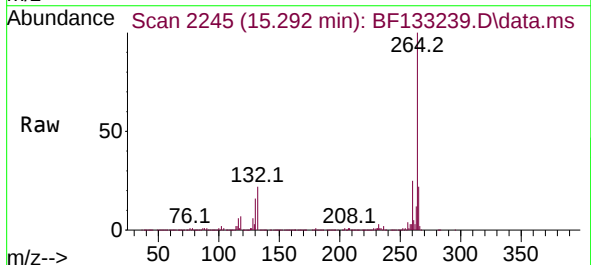
Tgt Ion:149 Resp: 119935
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.9 9.5 14.3

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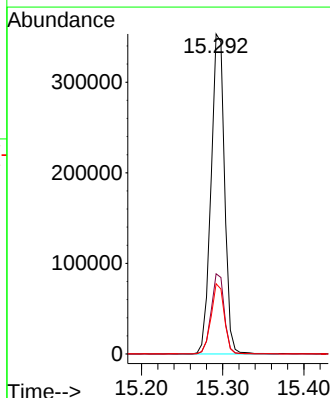
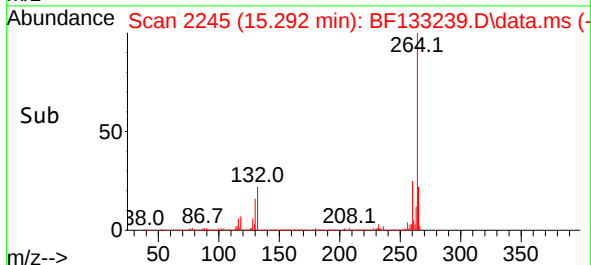
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

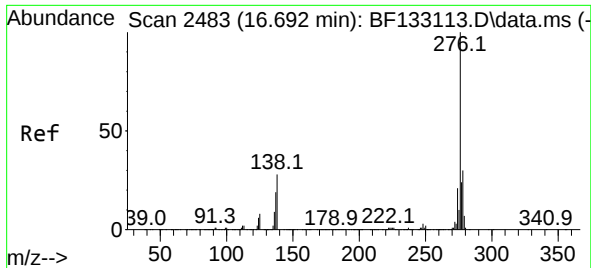


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35



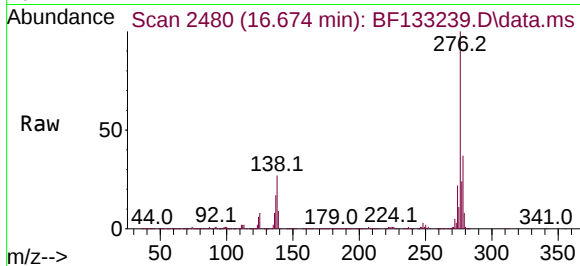
Tgt Ion:264 Resp: 406336
Ion Ratio Lower Upper
264 100
260 25.0 18.8 28.2
265 22.0 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 56.082 ng
RT: 16.674 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

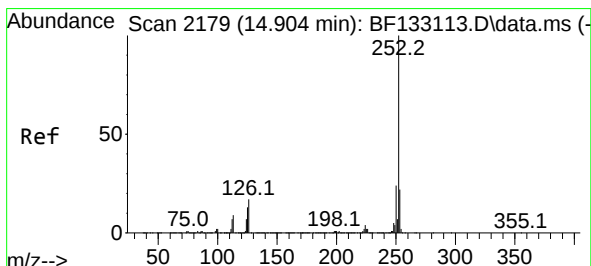
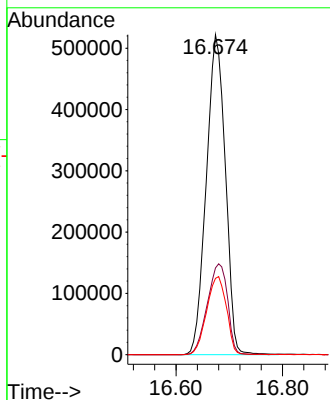
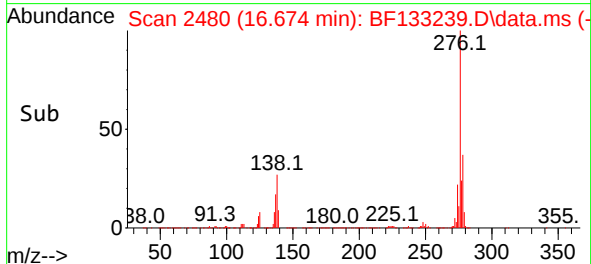
Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD



Tgt Ion: 276 Resp: 129623
Ion Ratio Lower Upper
276 100
138 30.1 25.5 38.3
277 25.4 20.4 30.6

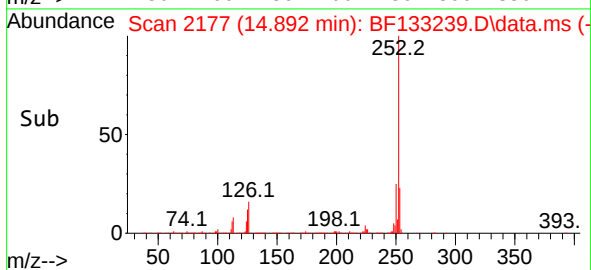
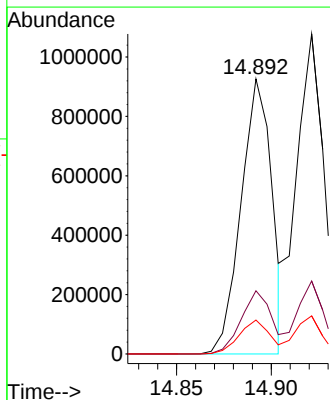
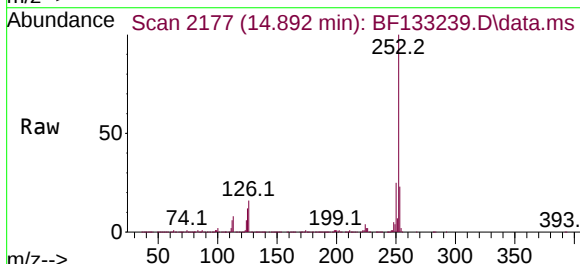
Manual Integrations
APPROVED

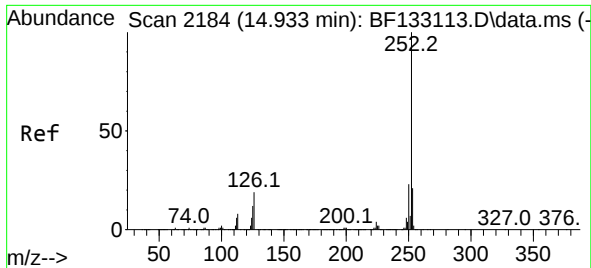
Reviewed By : Christian Giraldo 05/05/2023
Supervised By : Jagrut Upadhyay 05/05/2023



#88
Benzo(b)fluoranthene
Concen: 40.703 ng
RT: 14.892 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

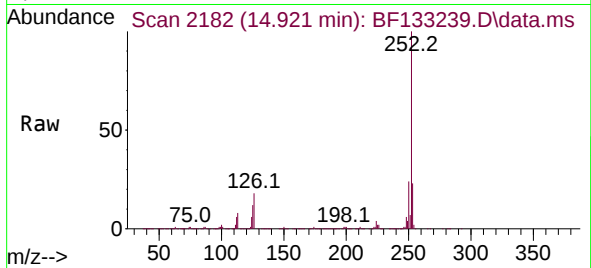
Tgt Ion: 252 Resp: 1052198
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 12.3 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 41.590 ng
RT: 14.921 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

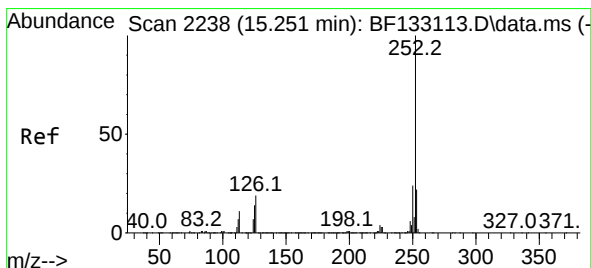
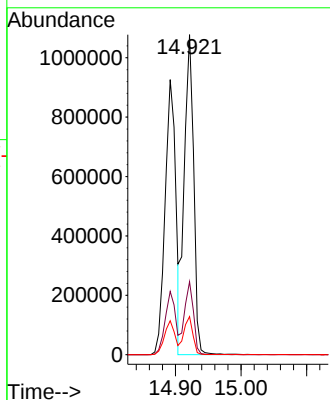
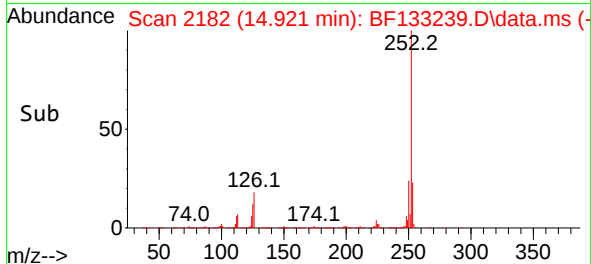
Instrument :
BNA_F
ClientSampleId :
VNJ-241MSD



Tgt Ion:252 Resp: 1065768
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 11.9 9.0 13.4

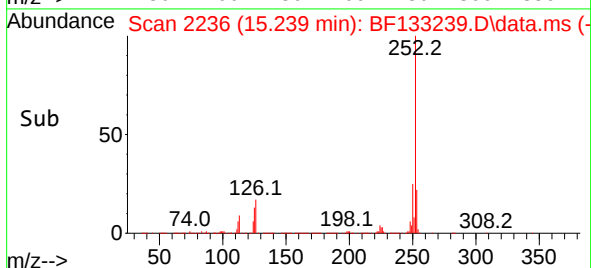
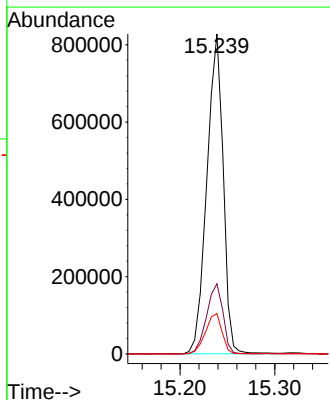
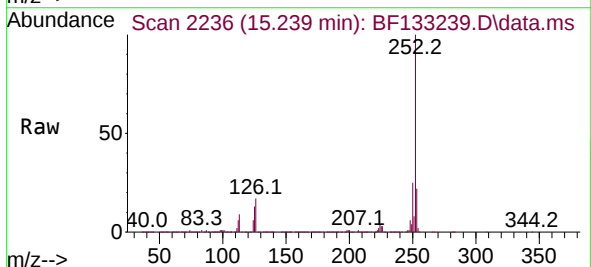
Manual Integrations
APPROVED

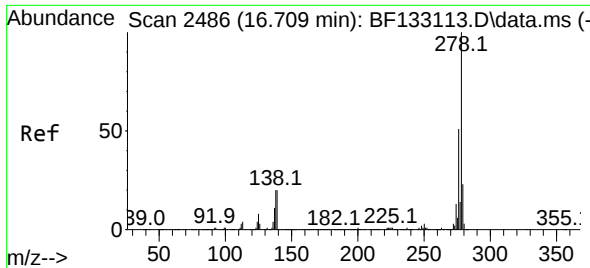
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#90
Benzo(a)pyrene
Concen: 42.091 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Tgt Ion:252 Resp: 990379
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 12.7 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 56.401 ng
RT: 16.692 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Instrument :

BNA_F

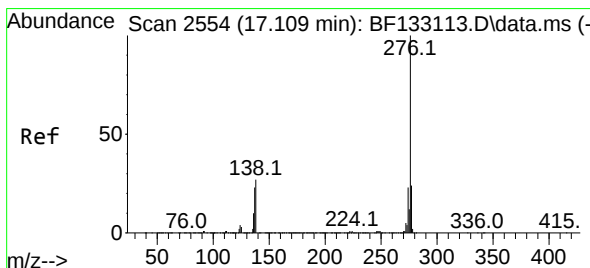
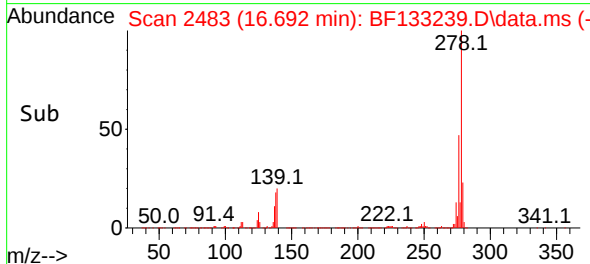
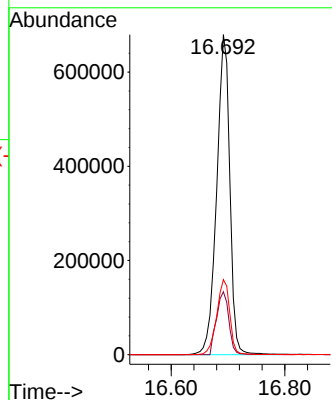
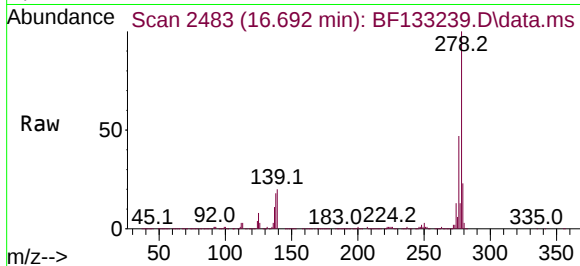
ClientSampleId :

VNJ-241MSD

Tgt Ion:278 Resp: 108726
Ion Ratio Lower Upper
278 100
139 19.7 16.6 24.8
279 23.5 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: 53.953 ng
RT: 17.092 min Scan# 2551
Delta R.T. -0.000 min
Lab File: BF133239.D
Acq: 04 May 2023 19:35

Tgt Ion:276 Resp: 1026819
Ion Ratio Lower Upper
276 100
277 23.0 19.4 29.0
138 24.8 22.7 34.1

