

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134301.D
 Acq On : 14 Jul 2023 21:19
 Operator : CG\JU
 Sample : 03564-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225MSD

Quant Time: Jul 15 01:06:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	79607	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	295773	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	146601	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	271544	20.000	ng	0.00
76) Chrysene-d12	14.045	240	173804	20.000	ng	0.00
86) Perylene-d12	15.551	264	153118	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	402173	84.508	ng	0.01
7) Phenol-d6	6.487	99	487964	83.375	ng	0.00
23) Nitrobenzene-d5	7.410	82	327379	59.666	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	161878	88.069	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	610190	60.515	ng	0.00
79) Terphenyl-d14	12.974	244	635733	58.869	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	65758	33.511	ng	98
3) Pyridine	3.422	79	154860	30.298	ng	100
4) n-Nitrosodimethylamine	3.387	42	115759	39.654	ng	96
6) Aniline	6.510	93	208273	29.244	ng	91
8) 2-Chlorophenol	6.634	128	206225	42.688	ng	95
9) Benzaldehyde	6.398	77	138139	44.151	ng	96
10) Phenol	6.498	94	248723	40.419	ng	89
11) bis(2-Chloroethyl)ether	6.581	93	189897	41.916	ng	99
12) 1,3-Dichlorobenzene	6.781	146	221586	43.023	ng	98
13) 1,4-Dichlorobenzene	6.863	146	226221	43.486	ng	99
14) 1,2-Dichlorobenzene	7.010	146	211955	43.505	ng	98
15) Benzyl Alcohol	6.992	79	202167	44.808	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	296539	36.999	ng	88
17) 2-Methylphenol	7.104	107	171214	39.578	ng	95
18) Hexachloroethane	7.351	117	84987	44.060	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	161942	43.632	ng	97
20) 3+4-Methylphenols	7.257	107	212538	40.497	ng	93
22) Acetophenone	7.251	105	299895	44.583	ng	97
24) Nitrobenzene	7.428	77	231313	41.718	ng	94
25) Isophorone	7.663	82	410820	41.197	ng	96
26) 2-Nitrophenol	7.739	139	115493	43.421	ng	89
27) 2,4-Dimethylphenol	7.781	122	182481	43.341	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	238498	41.305	ng	98
29) 2,4-Dichlorophenol	7.987	162	177766	42.578	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	188402	43.733	ng	98
31) Naphthalene	8.145	128	587824	41.145	ng	100
32) Benzoic acid	7.910	122	131618	41.718	ng	93
33) 4-Chloroaniline	8.198	127	137679	22.528	ng	99
34) Hexachlorobutadiene	8.257	225	123646	45.500	ng	99
35) Caprolactam	8.575	113	59438m	43.237	ng	
36) 4-Chloro-3-methylphenol	8.687	107	201301	42.919	ng	98
37) 2-Methylnaphthalene	8.839	142	402146	39.805	ng	99
38) 1-Methylnaphthalene	8.939	142	372073	39.615	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	190317	43.819	ng	99
41) Hexachlorocyclopentadiene	8.986	237	88332	42.868	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	126279	42.710	ng	98

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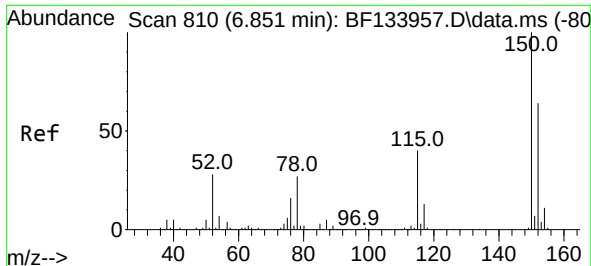
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	136424	39.226	ng	97
46) 1,1'-Biphenyl	9.304	154	499043	42.436	ng	97
47) 2-Chloronaphthalene	9.328	162	369043	42.891	ng	97
48) 2-Nitroaniline	9.428	65	128379	40.940	ng	97
49) Acenaphthylene	9.745	152	608985	41.433	ng	99
50) Dimethylphthalate	9.604	163	444955	41.812	ng	100
51) 2,6-Dinitrotoluene	9.675	165	93948	40.988	ng	95
52) Acenaphthene	9.916	154	394715	46.281	ng	98
53) 3-Nitroaniline	9.845	138	87480	31.814	ng	96
54) 2,4-Dinitrophenol	9.957	184	73490	56.701	ng	96
55) Dibenzofuran	10.092	168	578665	43.414	ng	98
56) 4-Nitrophenol	10.016	139	144890	75.330	ng	90
57) 2,4-Dinitrotoluene	10.081	165	129321	42.723	ng	86
58) Fluorene	10.433	166	500945	48.308	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	113614	41.415	ng	# 98
60) Diethylphthalate	10.310	149	469114	42.312	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	211573	42.337	ng	99
62) 4-Nitroaniline	10.463	138	95287	34.385	ng	92
63) Azobenzene	10.586	77	455485	43.431	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	51111	34.524	ng	79
66) n-Nitrosodiphenylamine	10.545	169	372875	42.978	ng	96
67) 4-Bromophenyl-phenylether	10.916	248	130347	45.162	ng	92
68) Hexachlorobenzene	10.986	284	144763	47.239	ng	98
69) Atrazine	11.080	200	122202	50.921	ng	97
70) Pentachlorophenol	11.186	266	136495	74.494	ng	97
71) Phenanthrene	11.410	178	1217022	89.029	ng	100
72) Anthracene	11.457	178	758316	53.334	ng	99
73) Carbazole	11.616	167	598296	45.973	ng	99
74) Di-n-butylphthalate	11.939	149	708718	45.794	ng	99
75) Fluoranthene	12.610	202	1642696	111.154	ng	98
77) Benzidine	12.727	184	49631	12.001	ng	97
78) Pyrene	12.839	202	1453025	89.833	ng	100
80) Butylbenzylphthalate	13.451	149	258094	42.545	ng	98
81) Benzo(a)anthracene	14.039	228	1082497	89.807	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	157112	41.141	ng	97
83) Chrysene	14.074	228	1007442	86.293	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	357867	51.340	ng	99
85) Di-n-octyl phthalate	14.639	149	623497	60.875	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	610020	57.414	ng	# 95
88) Benzo(b)fluoranthene	15.116	252	1340317	148.867	ng	99
89) Benzo(k)fluoranthene	15.145	252	587182	64.055	ng	97
90) Benzo(a)pyrene	15.498	252	747481	85.856	ng	97
91) Dibenzo(a,h)anthracene	17.121	278	375582	43.278	ng	98
92) Benzo(g,h,i)perylene	17.586	276	510386	57.030	ng	# 96

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

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

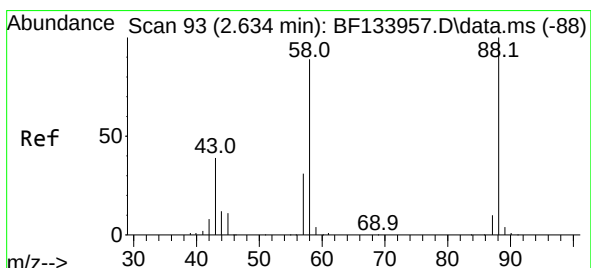
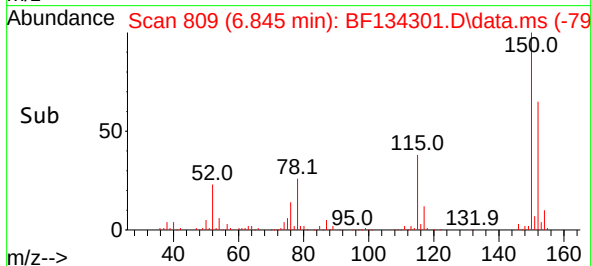
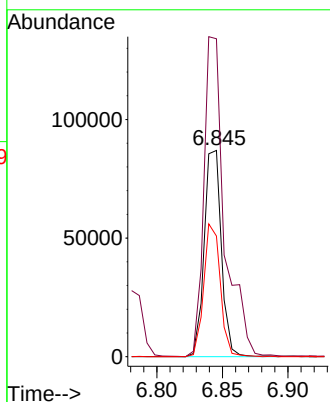
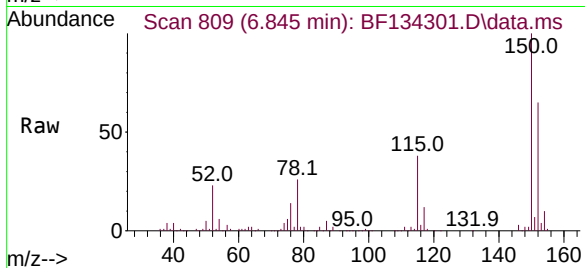
VNJ-225MSD

Tgt Ion:152 Resp: 7960
Ion Ratio Lower Upper
152 100
150 154.1 124.5 186.7
115 58.5 50.2 75.2

Manual Integrations

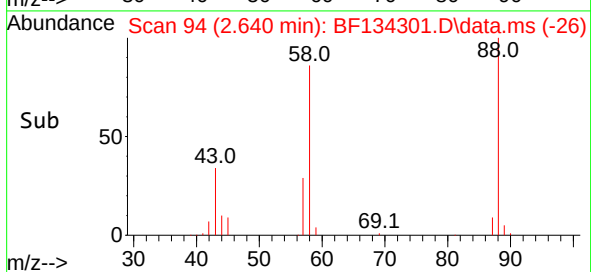
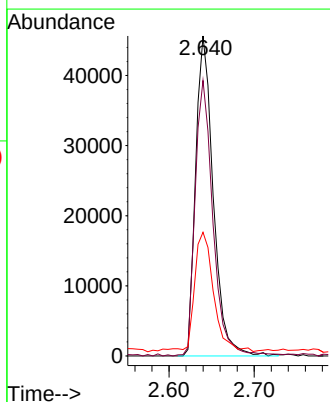
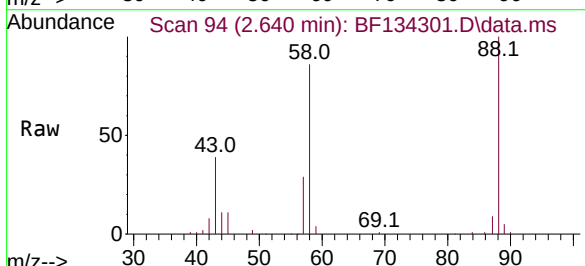
APPROVED

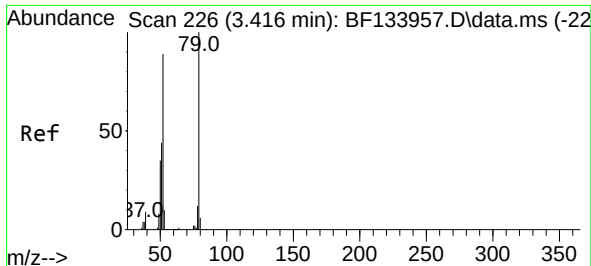
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#2
1,4-Dioxane
Concen: 33.511 ng
RT: 2.640 min Scan# 94
Delta R.T. 0.047 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion: 88 Resp: 65758
Ion Ratio Lower Upper
88 100
58 87.2 68.8 103.2
43 41.0 30.7 46.1





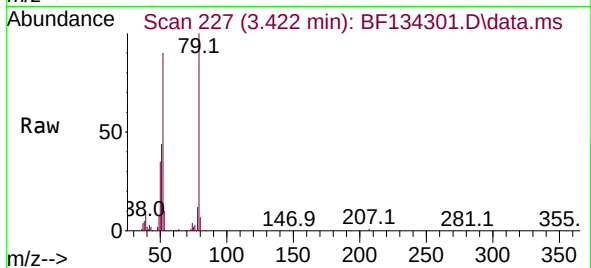
#3
Pyridine
Concen: 30.298 ng
RT: 3.422 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

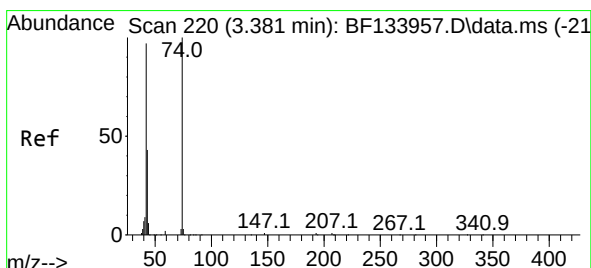
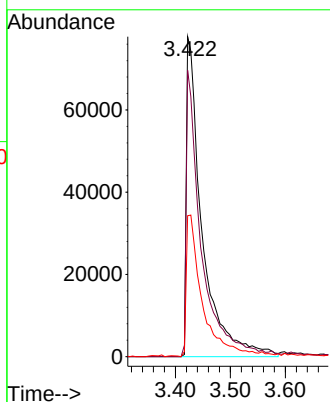
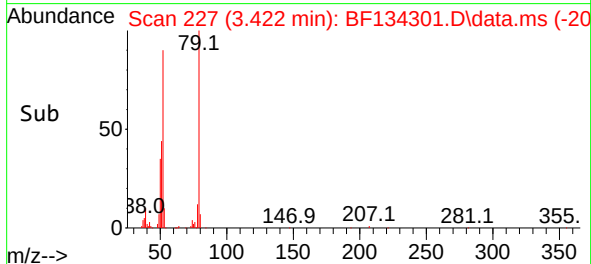


Tgt Ion: 79 Resp: 154860
Ion Ratio Lower Upper
79 100
52 89.5 71.1 106.7
51 44.0 35.2 52.8

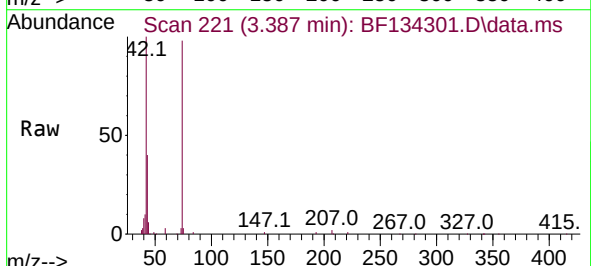
Manual Integrations

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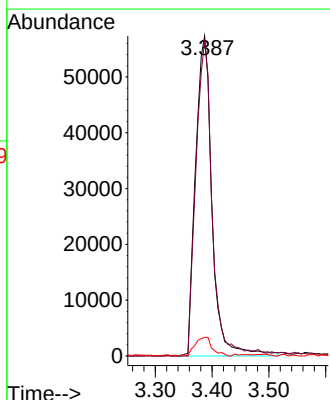
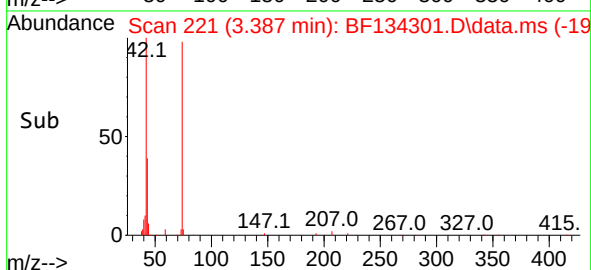
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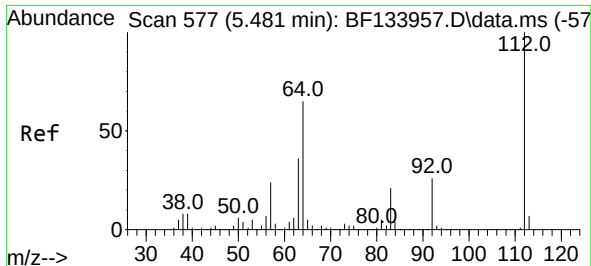


#4
n-Nitrosodimethylamine
Concen: 39.654 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.047 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19



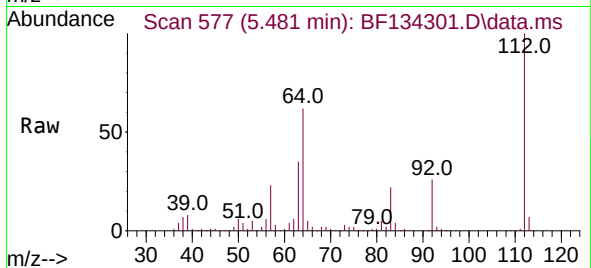
Tgt Ion: 42 Resp: 115759
Ion Ratio Lower Upper
42 100
74 98.3 82.4 123.6
44 5.8 4.9 7.3





#5
2-Fluorophenol
Concen: 84.508 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

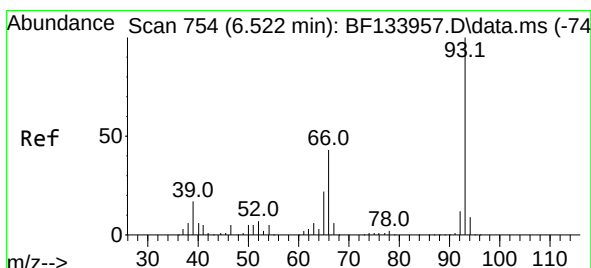
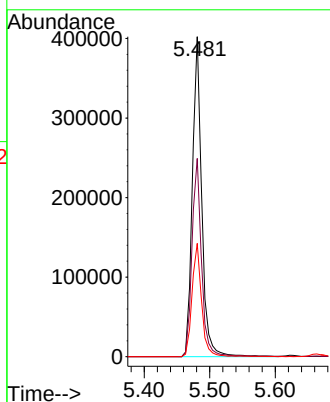
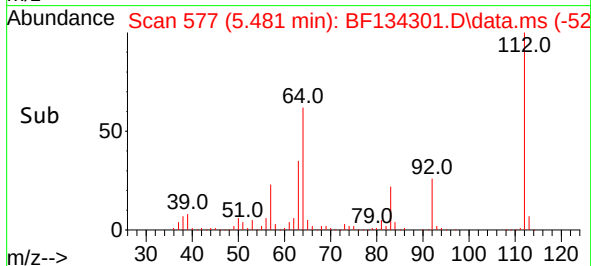
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD



Tgt Ion:112 Resp: 40217
Ion Ratio Lower Upper
112 100
64 62.0 52.1 78.1
63 35.4 28.6 42.8

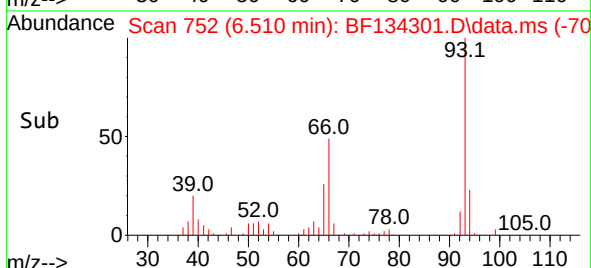
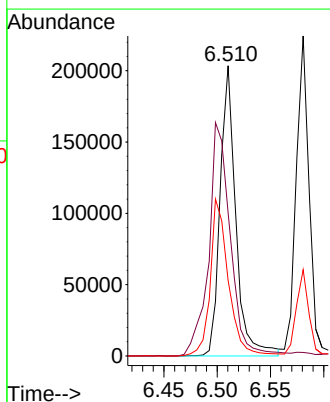
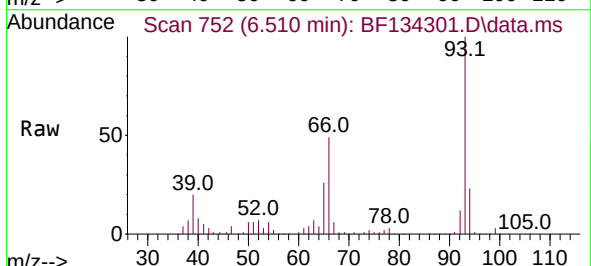
Manual Integrations
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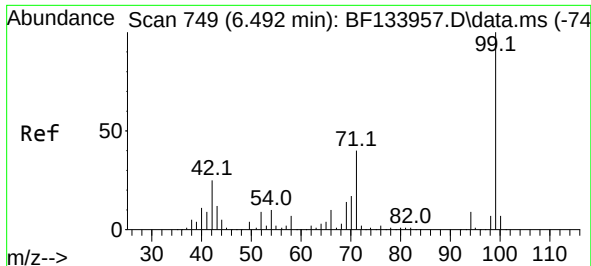
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#6
Aniline
Concen: 29.244 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

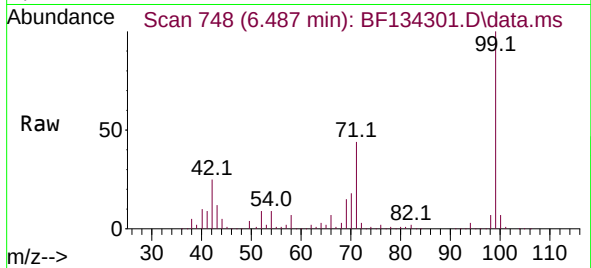
Tgt Ion: 93 Resp: 208273
Ion Ratio Lower Upper
93 100
66 49.3 34.5 51.7
65 26.0 17.8 26.6





#7
Phenol-d6
Concen: 83.375 ng
RT: 6.487 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

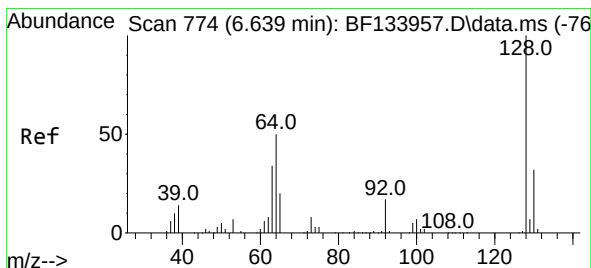
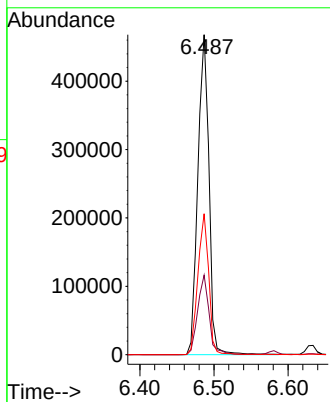
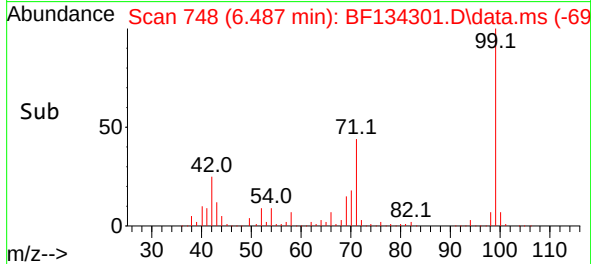
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD



Tgt Ion: 99 Resp: 487964
Ion Ratio Lower Upper
99 100
42 24.9 19.8 29.6
71 44.0 31.9 47.9

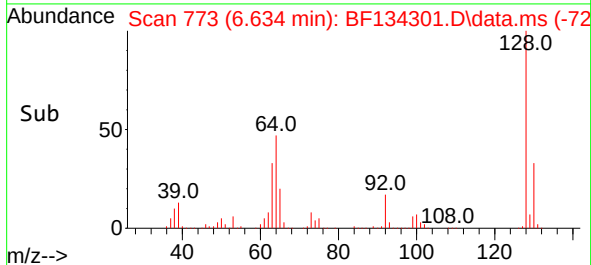
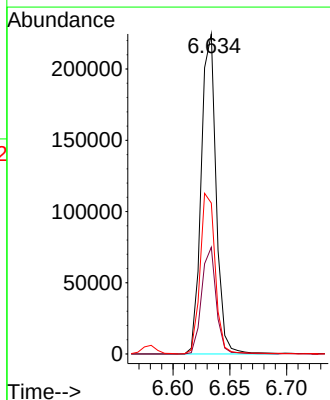
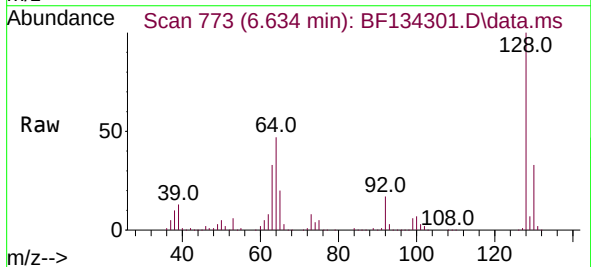
Manual Integrations
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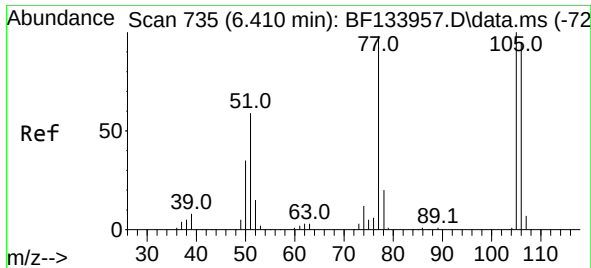
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#8
2-Chlorophenol
Concen: 42.688 ng
RT: 6.634 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:128 Resp: 206225
Ion Ratio Lower Upper
128 100
130 33.3 11.7 51.7
64 47.2 31.3 71.3





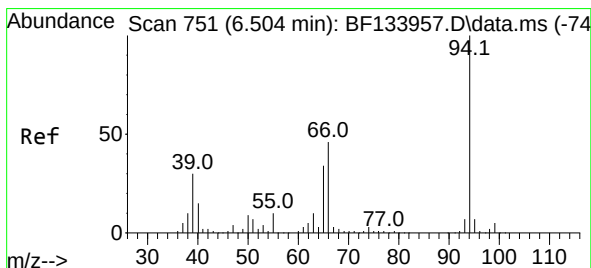
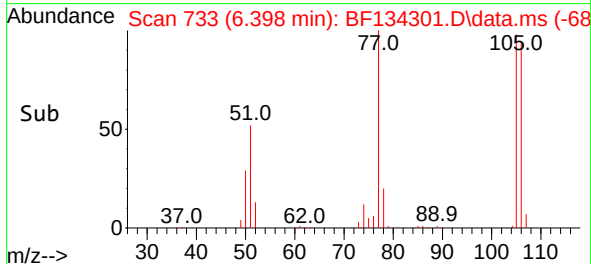
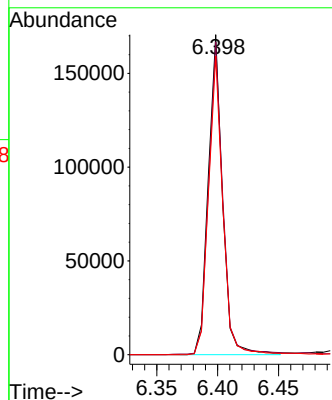
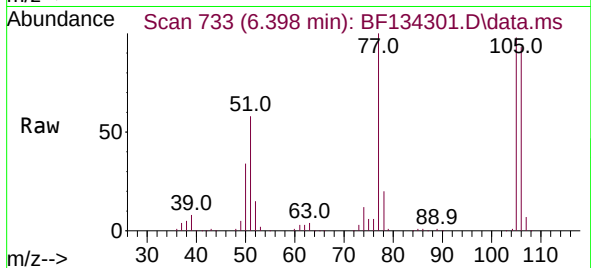
#9
Benzaldehyde
Concen: 44.151 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

Tgt Ion: 77 Resp: 138139
Ion Ratio Lower Upper
77 100
105 97.7 82.0 122.0
106 93.3 76.9 116.9

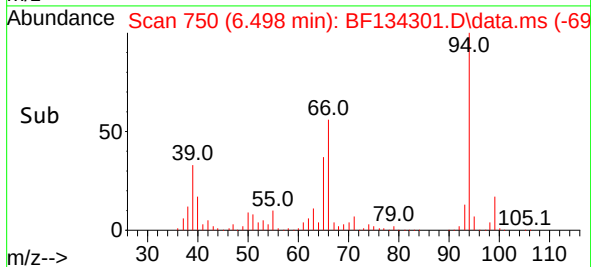
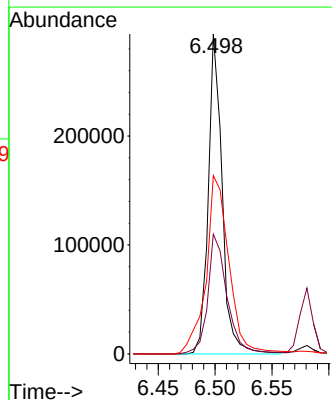
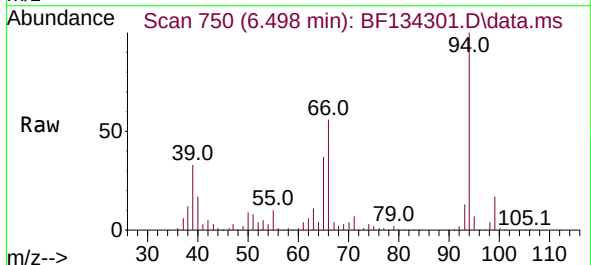
Manual Integrations
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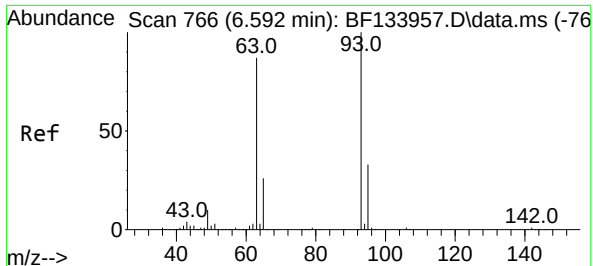
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#10
Phenol
Concen: 40.419 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion: 94 Resp: 248723
Ion Ratio Lower Upper
94 100
65 37.5 14.2 54.2
66 55.7 26.4 66.4





#11

bis(2-Chloroethyl)ether

Concen: 41.916 ng

RT: 6.581 min Scan# 709

Delta R.T. -0.006 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

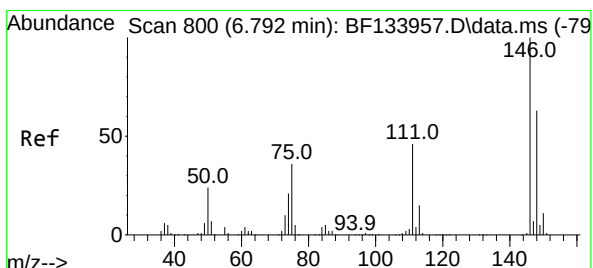
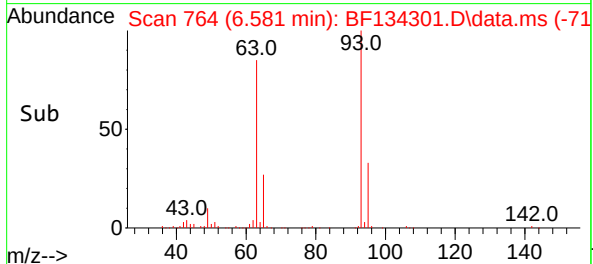
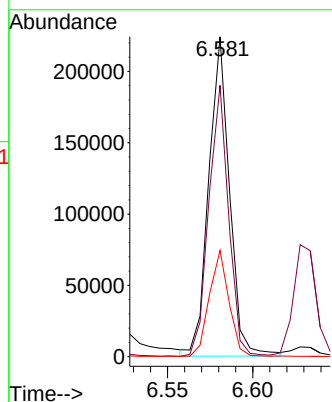
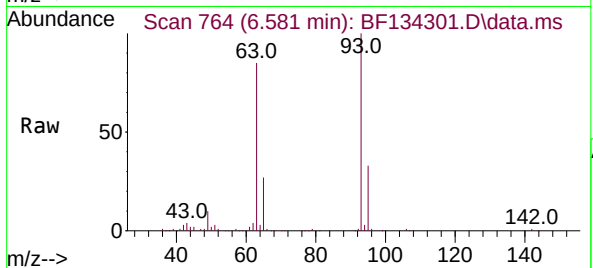
VNJ-225MSD

Tgt Ion:	93	Resp:	18989
Ion Ratio	Lower	Upper	
93	100		
63	84.8	66.5	106.5
95	33.2	12.9	52.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#12

1,3-Dichlorobenzene

Concen: 43.023 ng

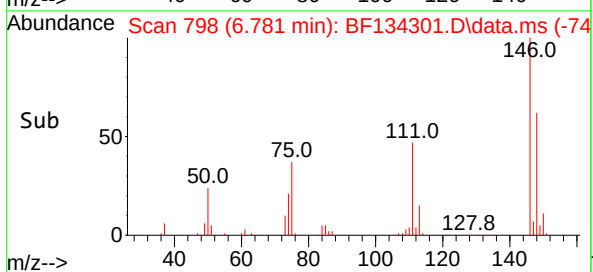
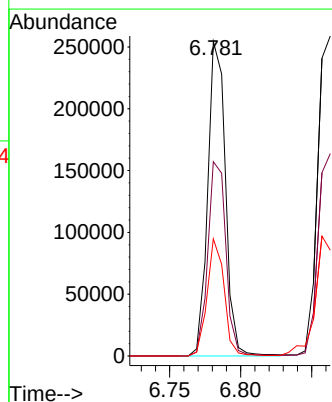
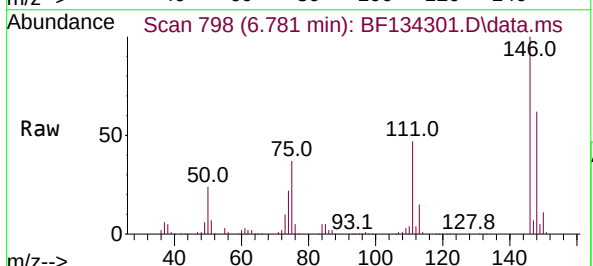
RT: 6.781 min Scan# 798

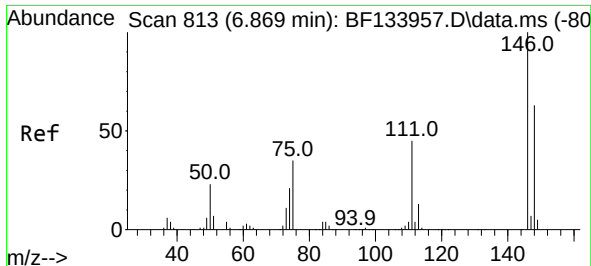
Delta R.T. -0.006 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Tgt Ion:	146	Resp:	221586
Ion Ratio	Lower	Upper	
146	100		
148	61.8	50.5	75.7
75	37.3	29.0	43.6





#13

1,4-Dichlorobenzene

Concen: 43.486 ng

RT: 6.863 min Scan# 813

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

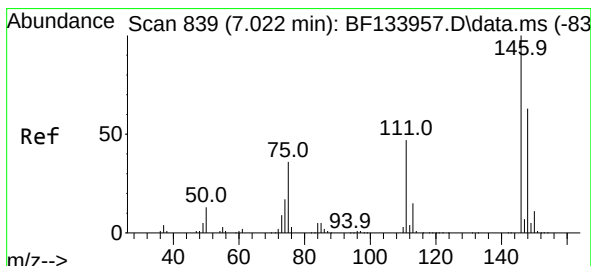
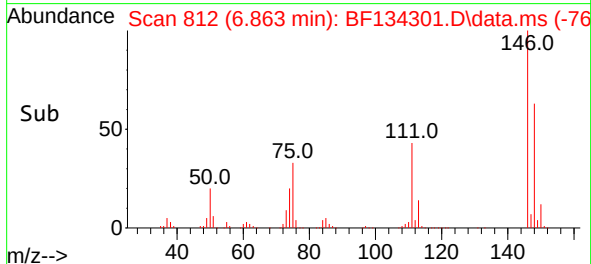
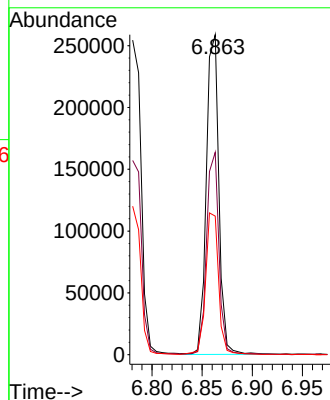
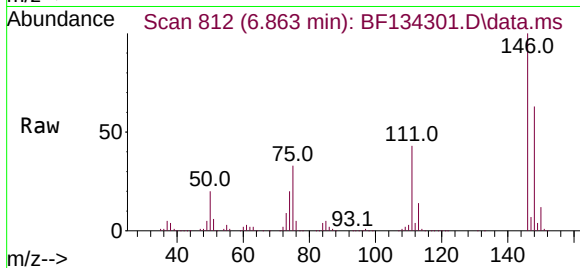
ClientSampleId :

VNJ-225MSD

Tgt Ion:146 Resp: 22622
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.2 75.2
 111 43.3 35.8 53.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/19/2023



#14

1,2-Dichlorobenzene

Concen: 43.505 ng

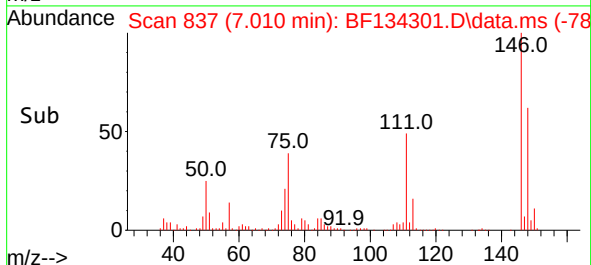
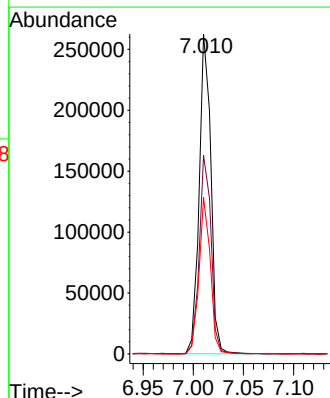
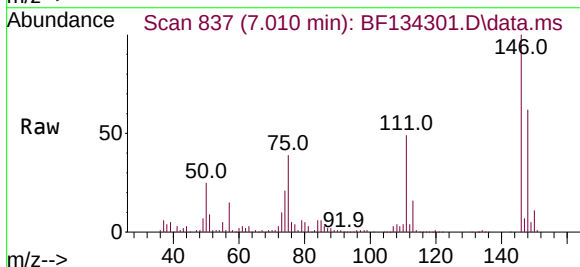
RT: 7.010 min Scan# 837

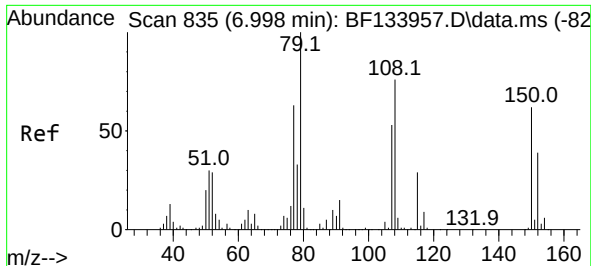
Delta R.T. -0.006 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Tgt Ion:146 Resp: 211955
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.6 76.0
 111 48.9 38.0 57.0





#15
Benzyl Alcohol
Concen: 44.808 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

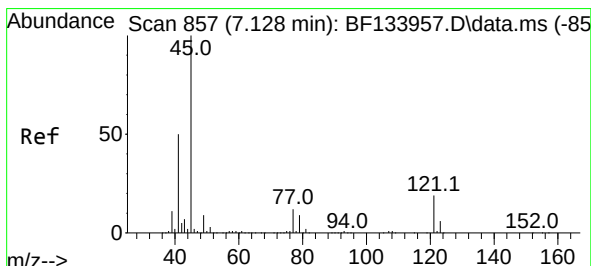
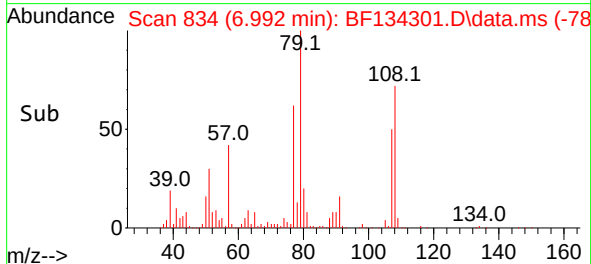
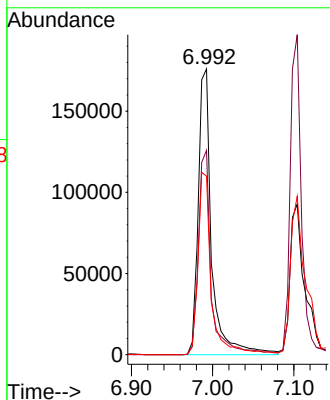
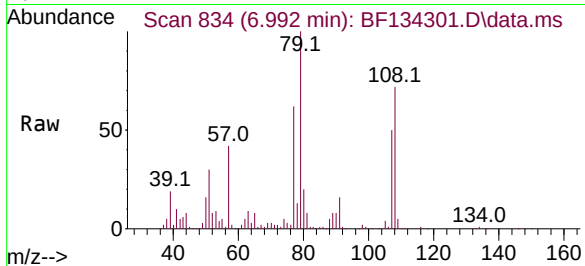
ClientSampleId :

VNJ-225MSD

Tgt Ion: 79 Resp: 20216
Ion Ratio Lower Upper
79 100
108 71.5 60.7 91.1
77 62.5 50.6 75.8

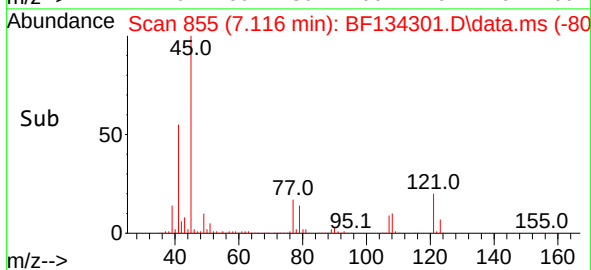
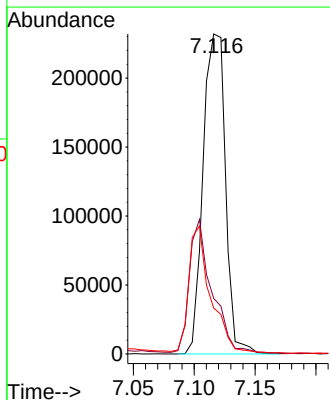
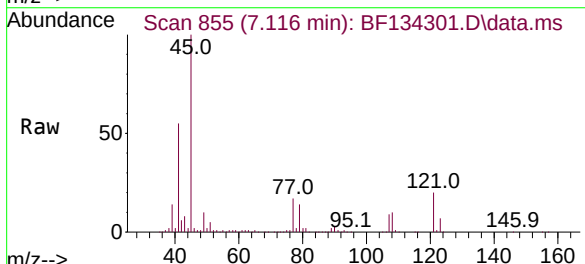
Manual Integrations
APPROVED

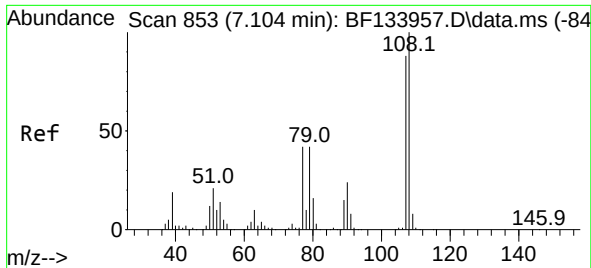
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.999 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion: 45 Resp: 296539
Ion Ratio Lower Upper
45 100
77 17.3 0.0 32.9
79 14.4 0.0 29.5





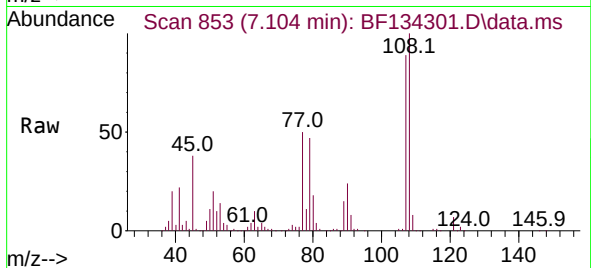
#17
2-Methylphenol
Concen: 39.578 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

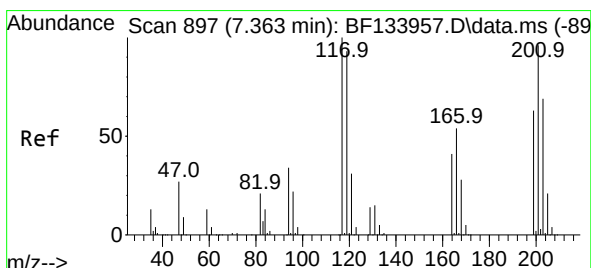
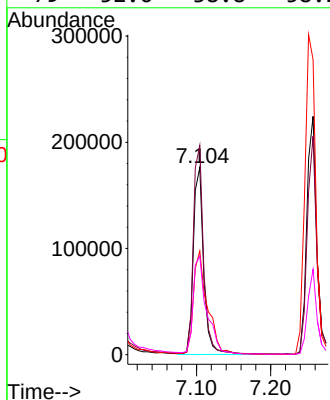
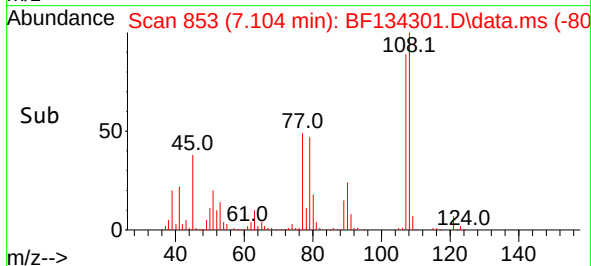


Tgt Ion:107 Resp: 171214
Ion Ratio Lower Upper
107 100
108 111.8 90.6 136.0
77 55.3 38.3 57.5
79 52.6 38.8 58.2

Manual Integrations

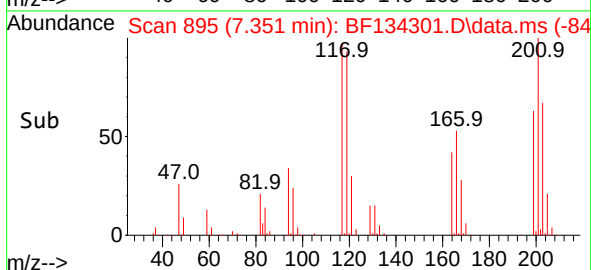
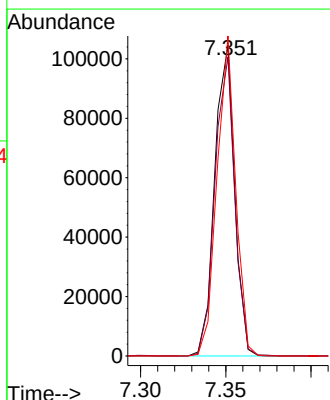
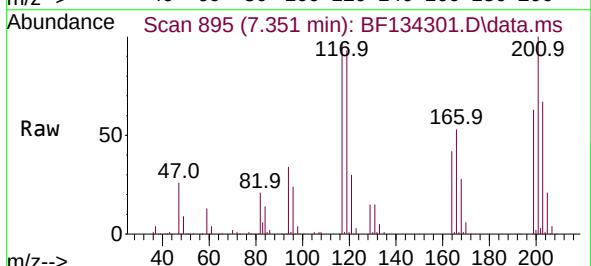
APPROVED

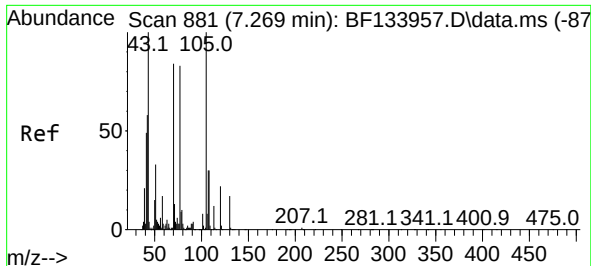
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#18
Hexachloroethane
Concen: 44.060 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

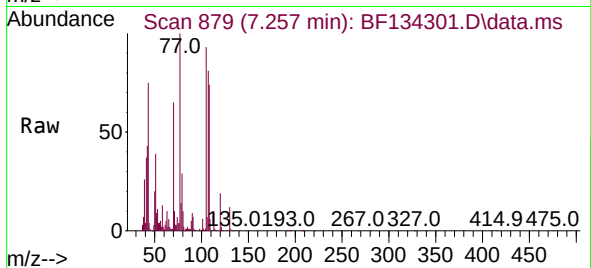
Tgt Ion:117 Resp: 84987
Ion Ratio Lower Upper
117 100
119 96.3 74.2 111.4
201 103.0 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 43.632 ng
RT: 7.257 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

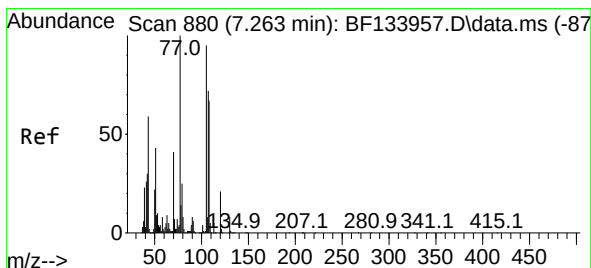
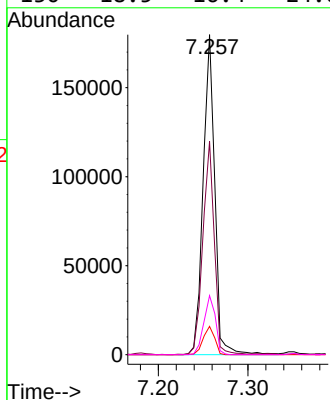
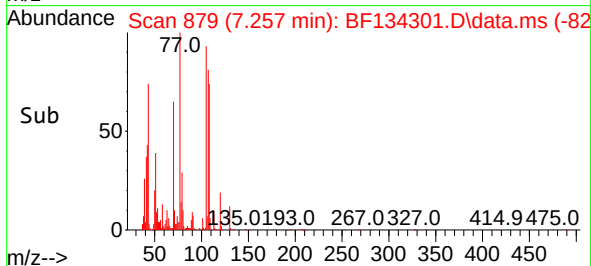
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD



Tgt Ion: 70 Resp: 16194
Ion Ratio Lower Upper
70 100
42 66.6 54.7 82.1
101 8.8 7.7 11.5
130 18.5 16.4 24.6

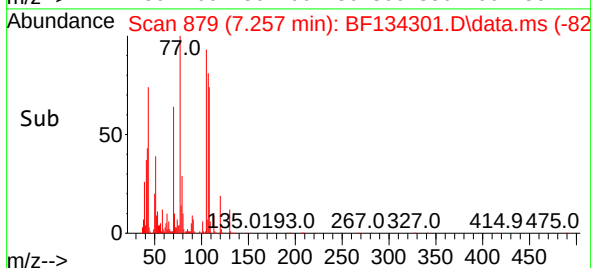
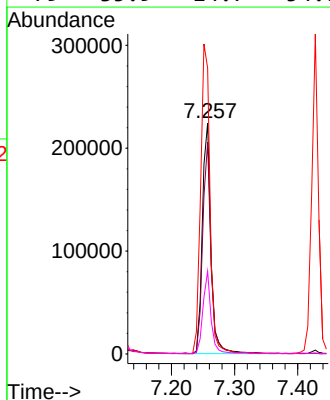
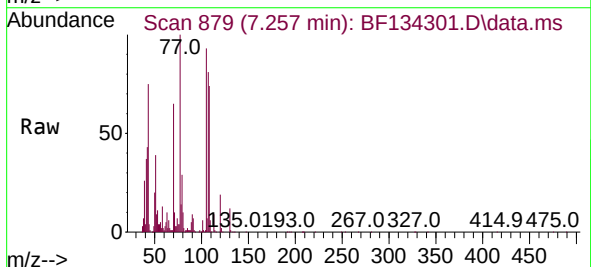
Manual Integrations
APPROVED

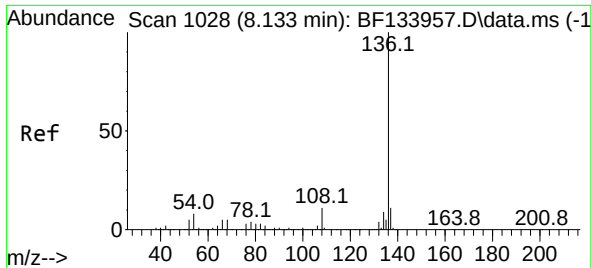
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#20
3+4-Methylphenols
Concen: 40.497 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:107 Resp: 212538
Ion Ratio Lower Upper
107 100
108 91.7 73.2 113.2
77 123.8 118.3 158.3
79 35.9 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

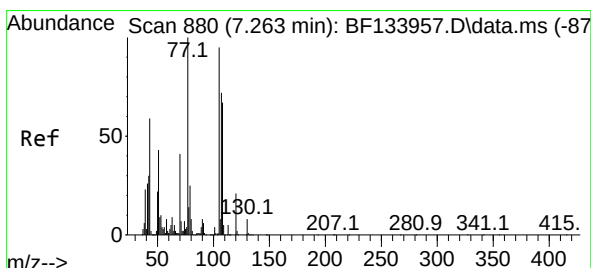
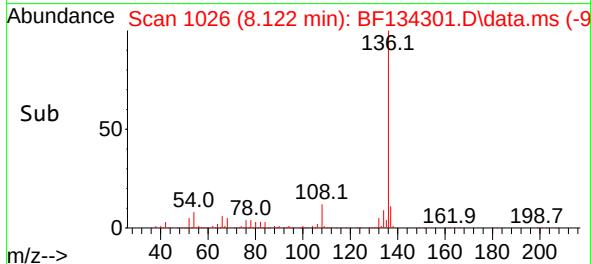
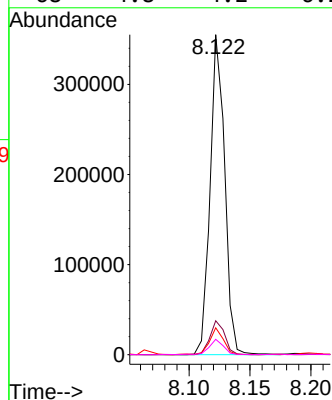
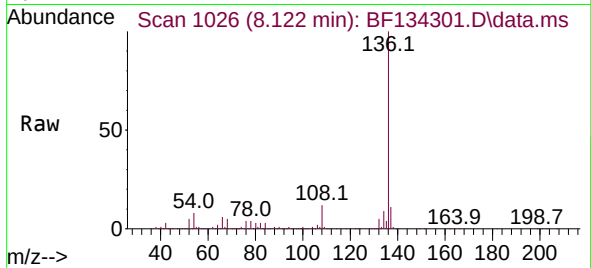
VNJ-225MSD

Tgt Ion:136 Resp: 29577
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 8.4 6.5 9.7
68 4.8 4.2 6.2

Manual Integrations

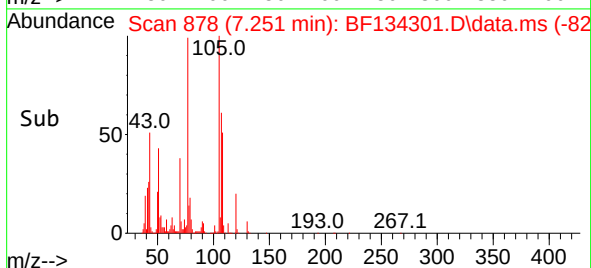
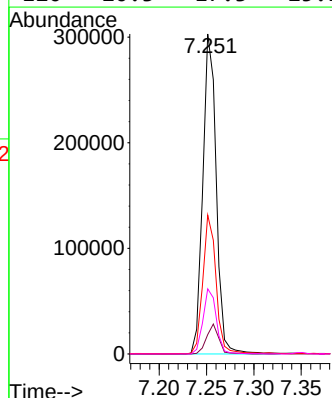
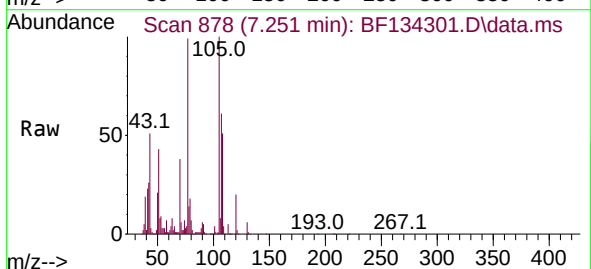
APPROVED

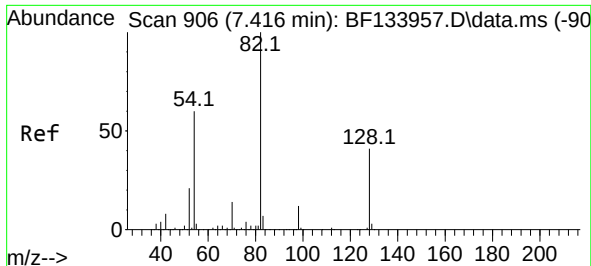
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#22
Acetophenone
Concen: 44.583 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:105 Resp: 299895
Ion Ratio Lower Upper
105 100
71 6.1 5.5 8.3
51 43.4 36.5 54.7
120 20.3 17.3 25.9





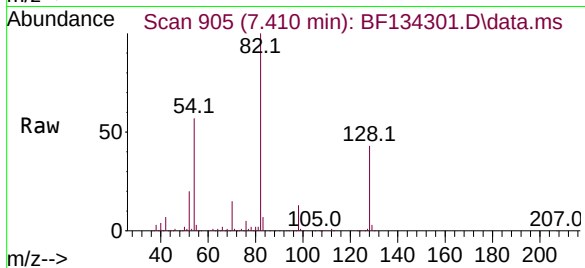
#23
Nitrobenzene-d5
Concen: 59.666 ng
RT: 7.410 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

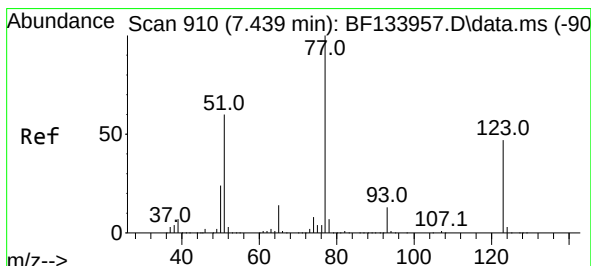
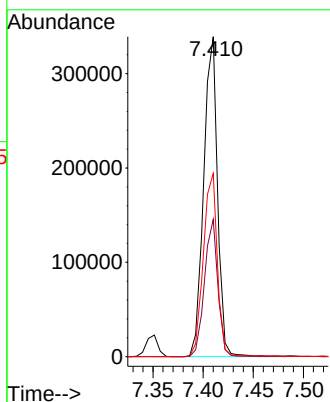
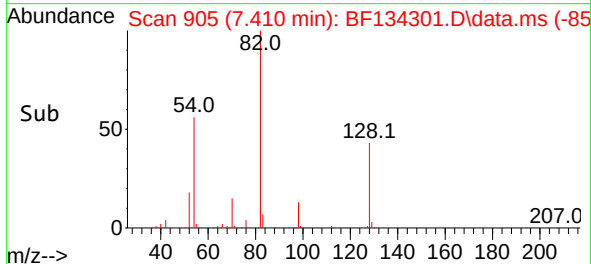


Tgt Ion: 82 Resp: 327379
Ion Ratio Lower Upper
82 100
128 42.9 32.5 48.7
54 57.3 48.2 72.2

Manual Integrations

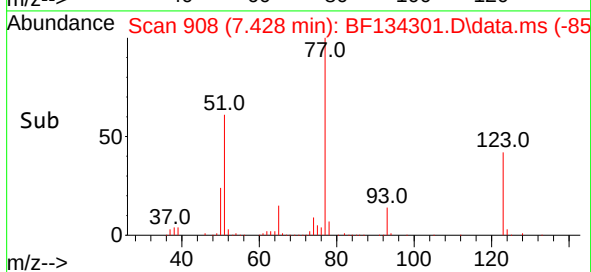
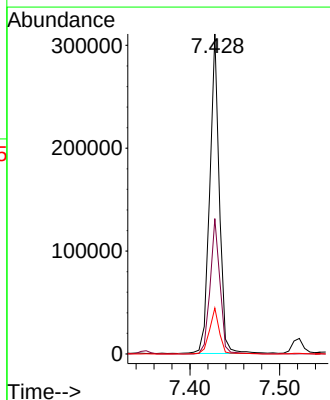
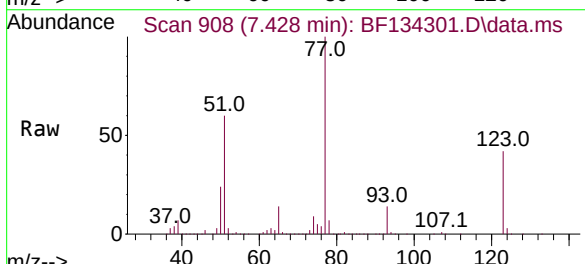
APPROVED

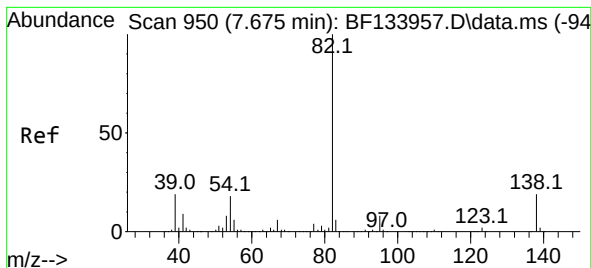
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#24
Nitrobenzene
Concen: 41.718 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion: 77 Resp: 231313
Ion Ratio Lower Upper
77 100
123 42.3 37.8 56.6
65 14.3 11.3 16.9





#25

Isophorone

Concen: 41.197 ng

RT: 7.663 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

Tgt Ion: 82 Resp: 410820

Ion Ratio Lower Upper

82 100

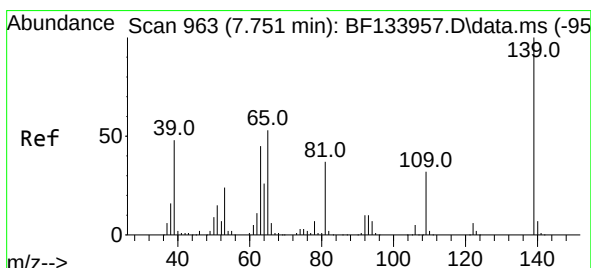
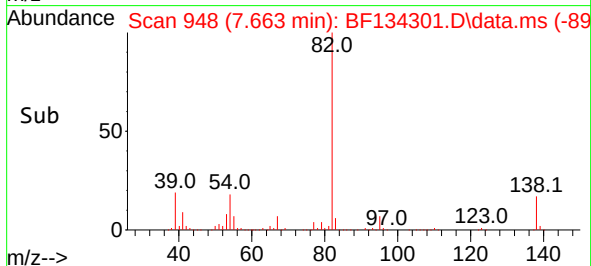
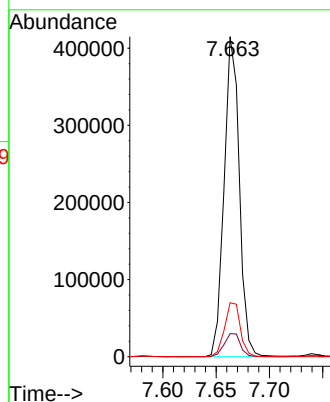
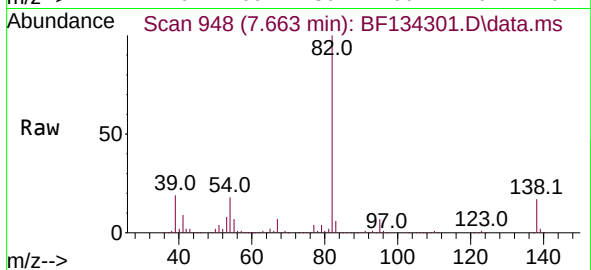
95 7.2 6.1 9.1

138 16.8 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#26

2-Nitrophenol

Concen: 43.421 ng

RT: 7.739 min Scan# 961

Delta R.T. -0.006 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

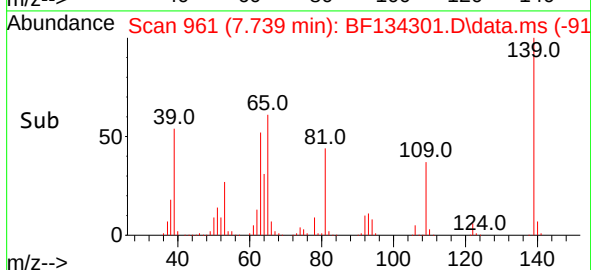
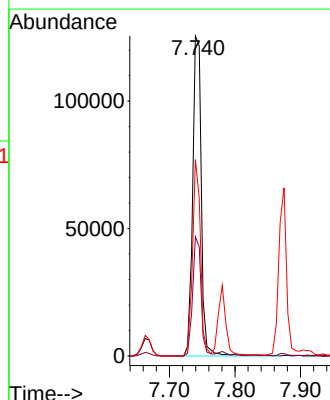
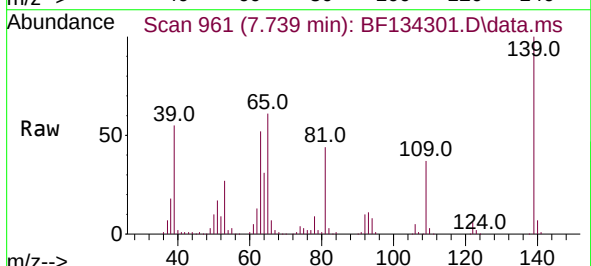
Tgt Ion:139 Resp: 115493

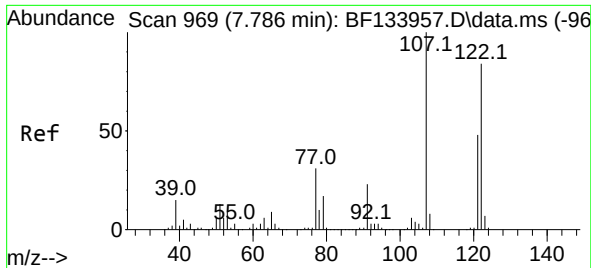
Ion Ratio Lower Upper

139 100

109 37.2 25.8 38.8

65 61.4 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 43.341 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

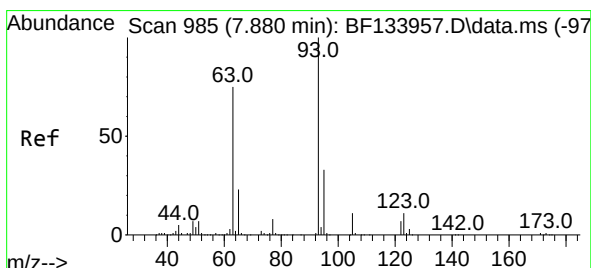
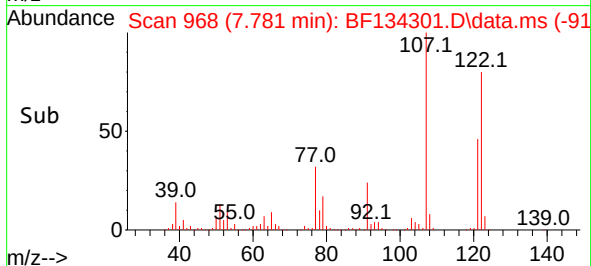
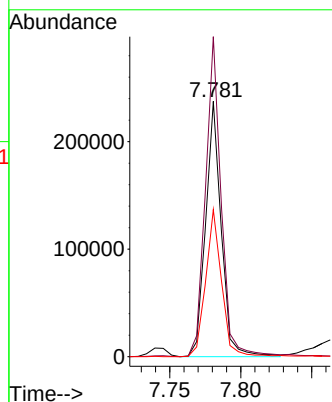
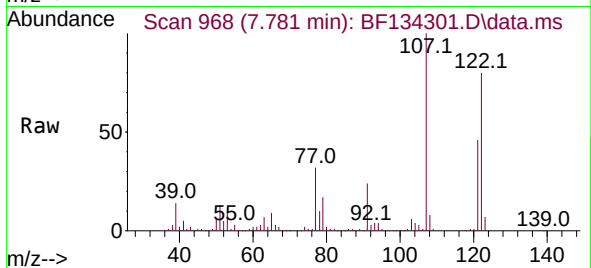
VNJ-225MSD

Tgt Ion:122 Resp: 18248
Ion Ratio Lower Upper
122 100
107 125.3 95.5 143.3
121 57.6 45.5 68.3

Manual Integrations

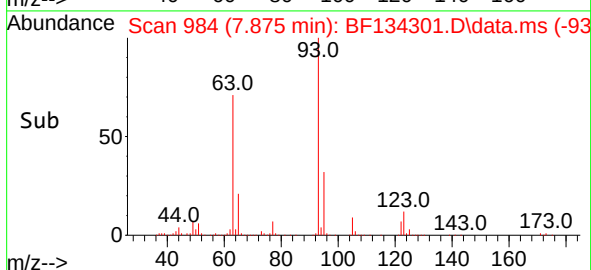
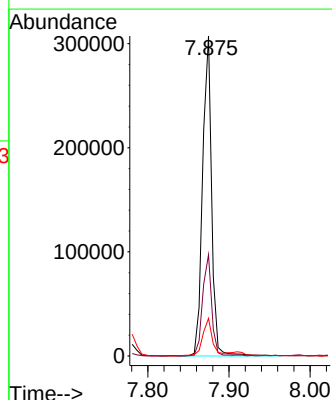
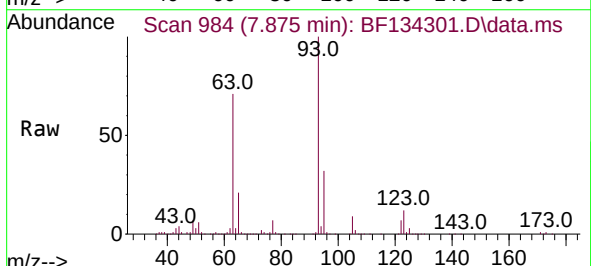
APPROVED

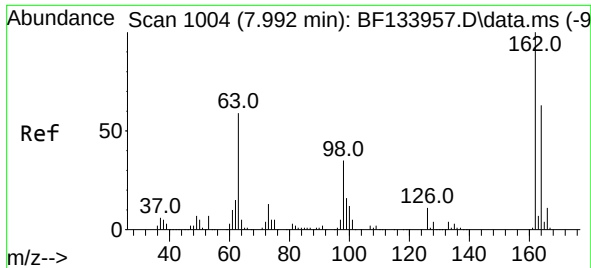
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.305 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion: 93 Resp: 238498
Ion Ratio Lower Upper
93 100
95 31.7 26.5 39.7
123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.578 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

Tgt Ion:162 Resp: 177760

Ion Ratio Lower Upper

162 100

164 64.8 43.2 83.2

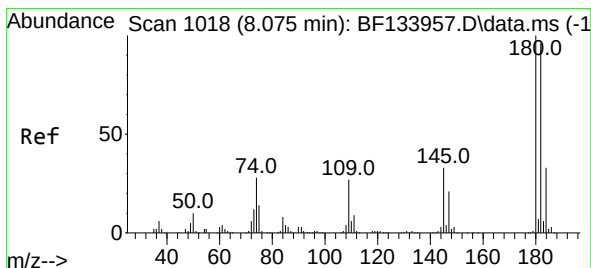
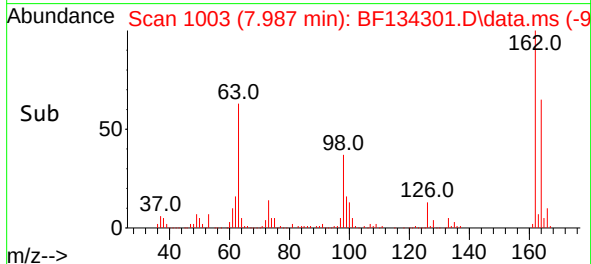
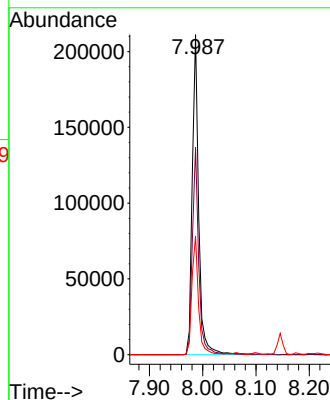
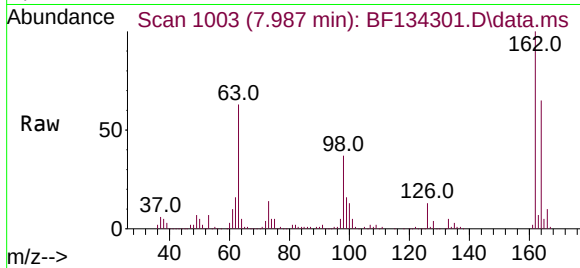
98 37.1 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023

Supervised By :mohammad ahmed 07/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.733 ng

RT: 8.063 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

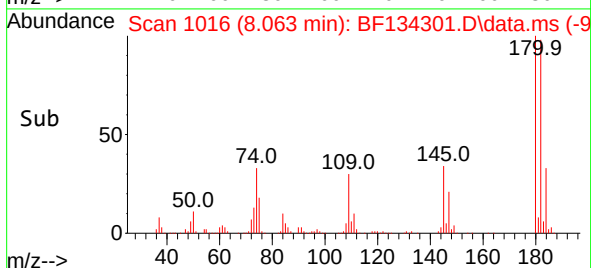
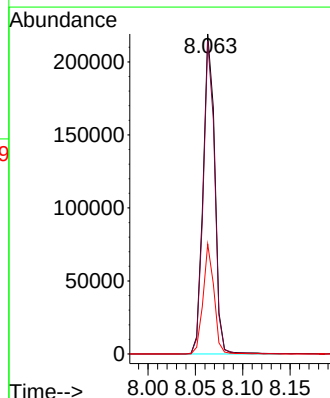
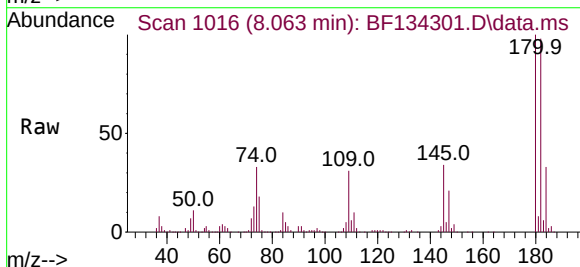
Tgt Ion:180 Resp: 188402

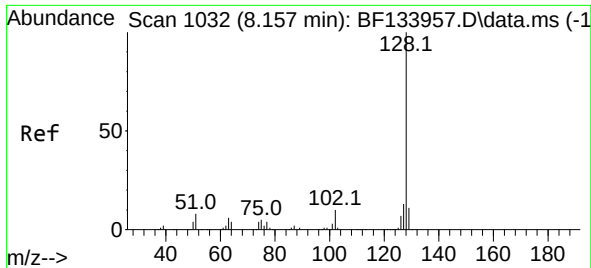
Ion Ratio Lower Upper

180 100

182 97.7 77.1 115.7

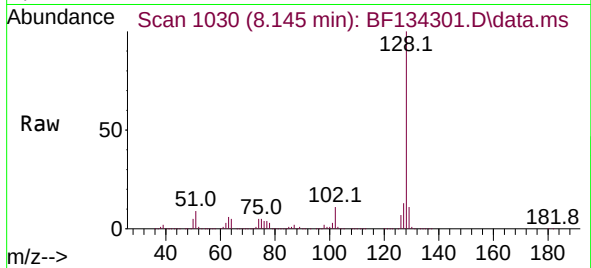
145 34.4 26.0 39.0





#31
Naphthalene
Concen: 41.145 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

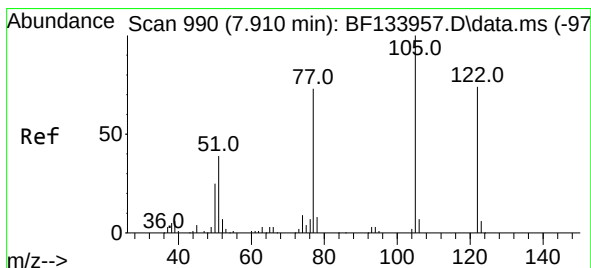
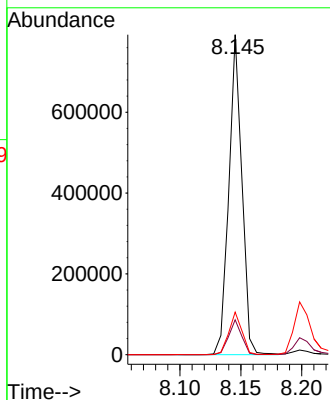
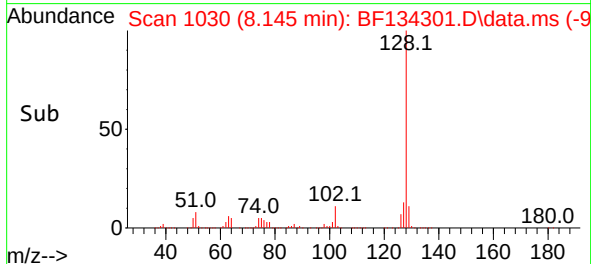
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD



Tgt Ion:128 Resp: 587824
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.6 15.8

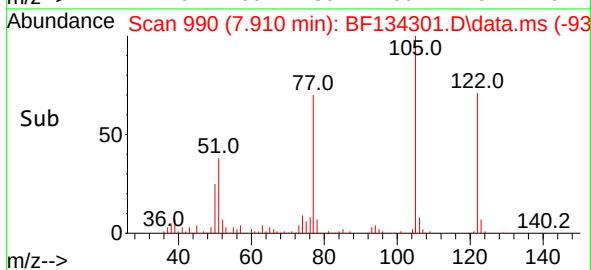
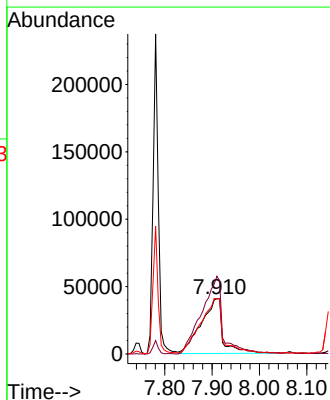
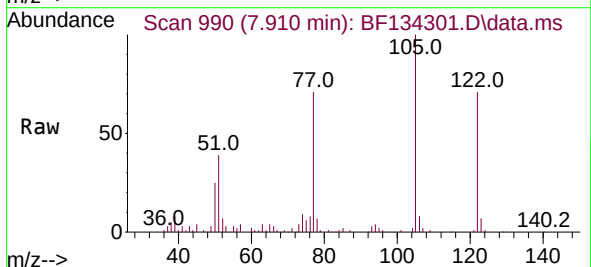
Manual Integrations
APPROVED

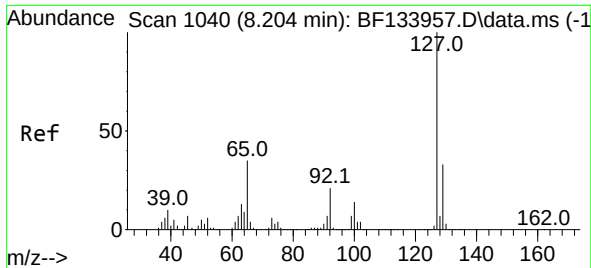
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#32
Benzoic acid
Concen: 41.718 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:122 Resp: 131618
Ion Ratio Lower Upper
122 100
105 140.8 109.7 149.7
77 99.6 76.0 116.0





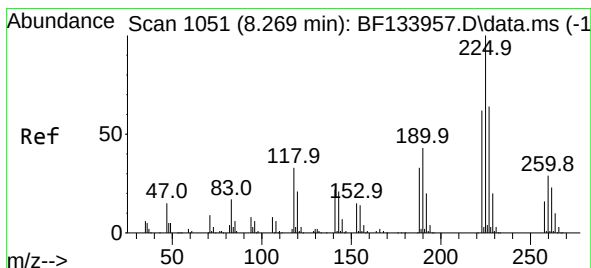
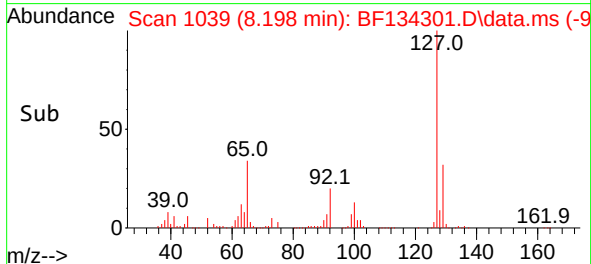
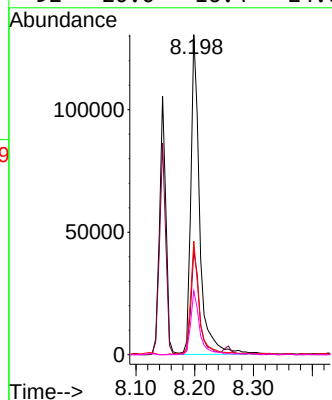
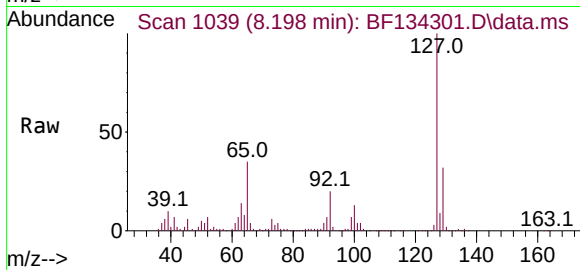
#33
4-Chloroaniline
Concen: 22.528 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

Tgt Ion:	127	Resp:	137679
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.4	39.6
65	35.5	27.8	41.8
92	20.0	16.4	24.6

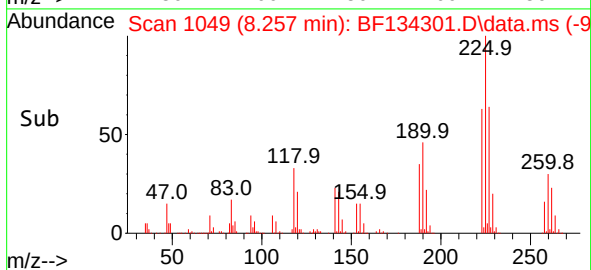
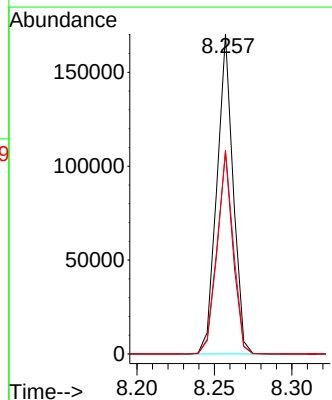
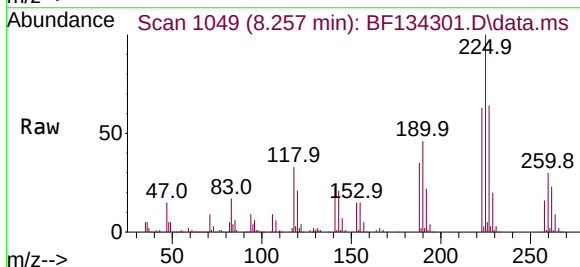
Manual Integrations
APPROVED

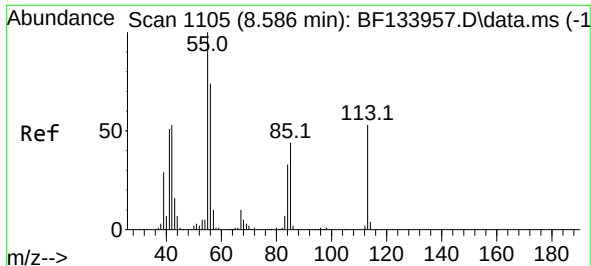
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#34
Hexachlorobutadiene
Concen: 45.500 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

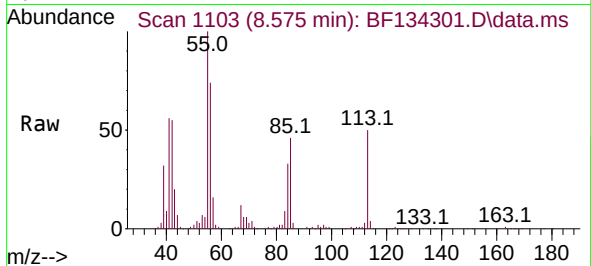
Tgt Ion:	225	Resp:	123646
Ion Ratio	Lower	Upper	
225	100		
223	63.2	49.8	74.8
227	63.7	51.0	76.4





#35
Caprolactam
Concen: 43.237 ng m
RT: 8.575 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

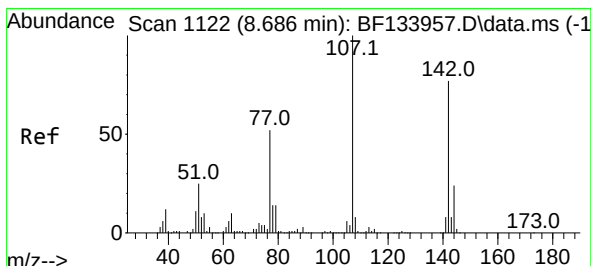
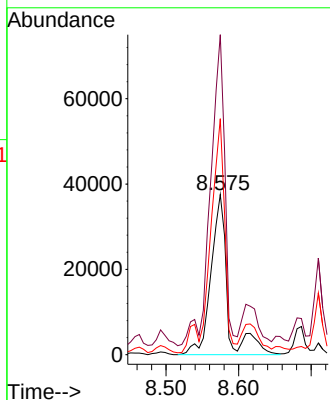
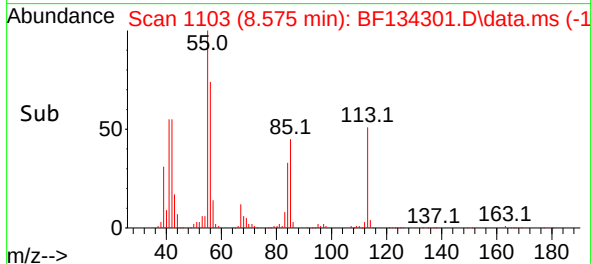
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD



Tgt Ion:113 Resp: 59438
Ion Ratio Lower Upper
113 100
55 199.8 170.2 210.2
56 147.3 121.4 161.4

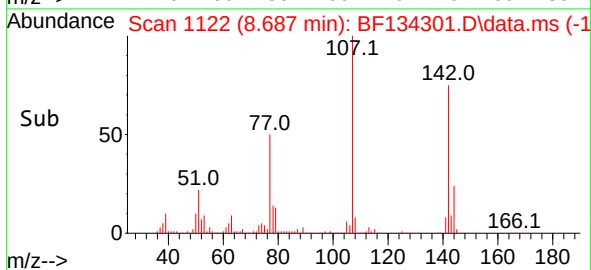
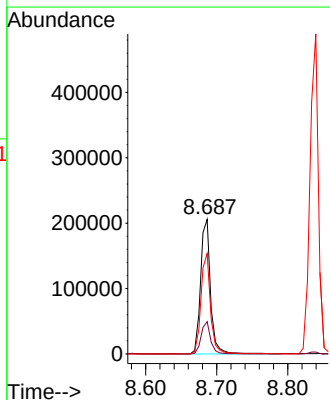
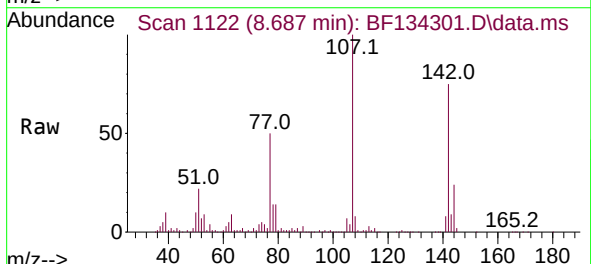
Manual Integrations
APPROVED

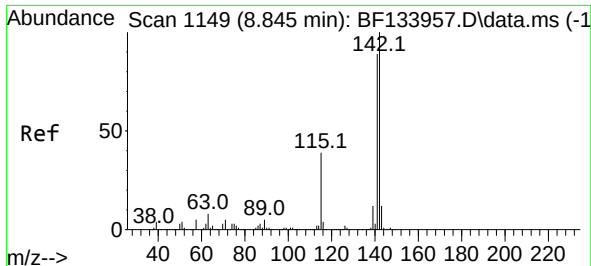
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#36
4-Chloro-3-methylphenol
Concen: 42.919 ng
RT: 8.687 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:107 Resp: 201301
Ion Ratio Lower Upper
107 100
144 24.0 19.6 29.4
142 74.7 61.4 92.2





#37

2-Methylnaphthalene

Concen: 39.805 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

Tgt Ion:142 Resp: 402140

Ion Ratio Lower Upper

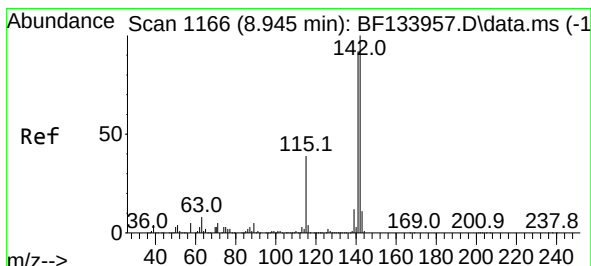
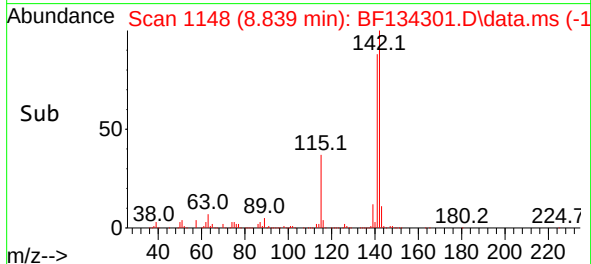
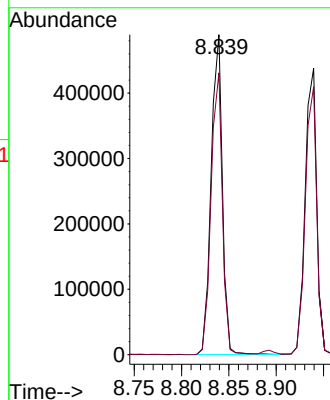
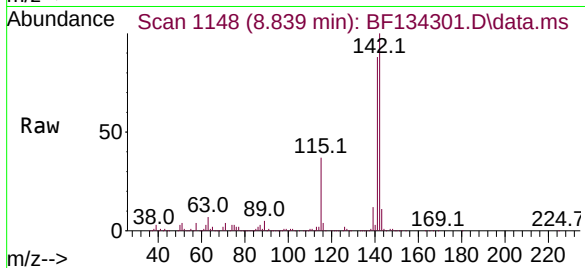
142 100

141 88.1 71.0 106.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#38

1-Methylnaphthalene

Concen: 39.615 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF134301.D

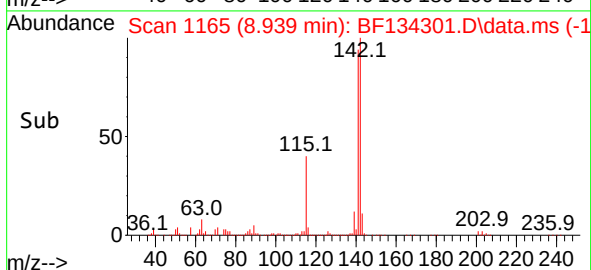
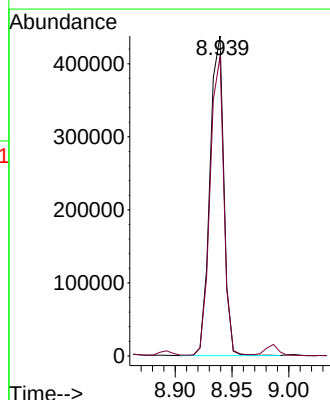
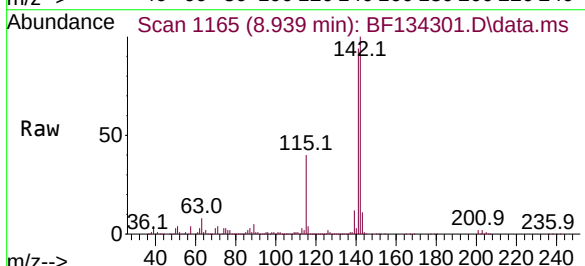
Acq: 14 Jul 2023 21:19

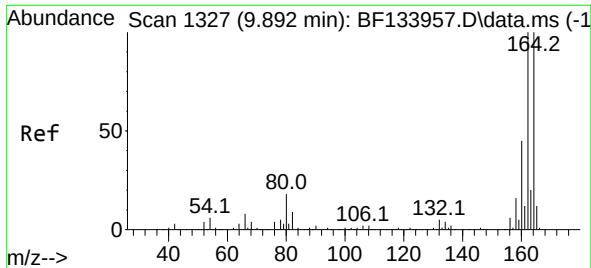
Tgt Ion:142 Resp: 372073

Ion Ratio Lower Upper

142 100

141 93.6 73.5 110.3





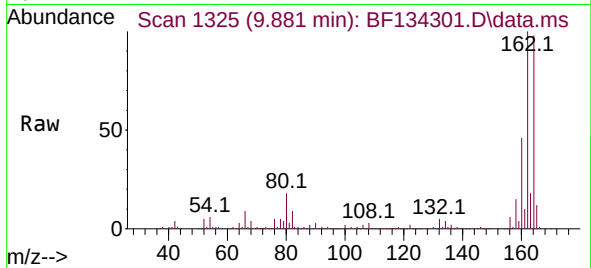
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

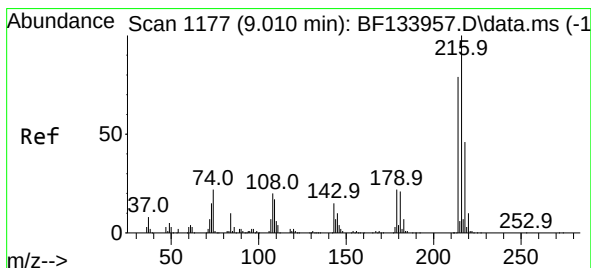
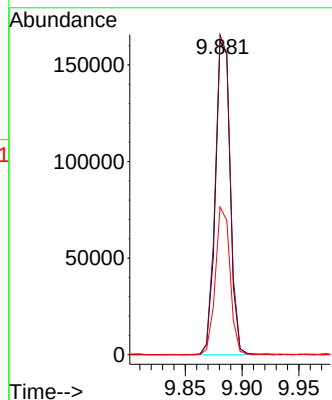
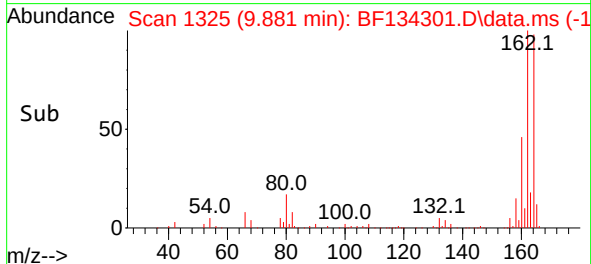


Tgt Ion:164 Resp: 146601
Ion Ratio Lower Upper
164 100
162 101.8 80.0 120.0
160 46.9 35.9 53.9

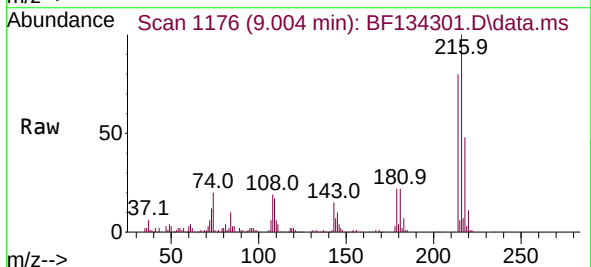
Manual Integrations

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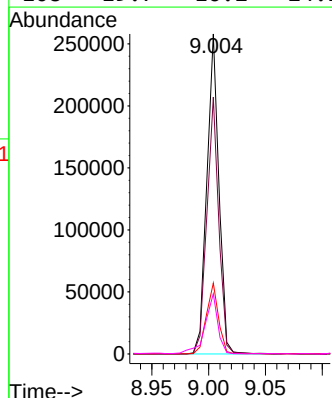
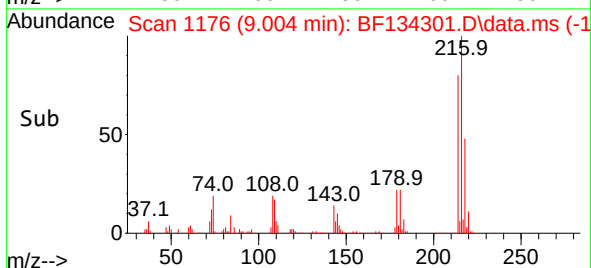
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023

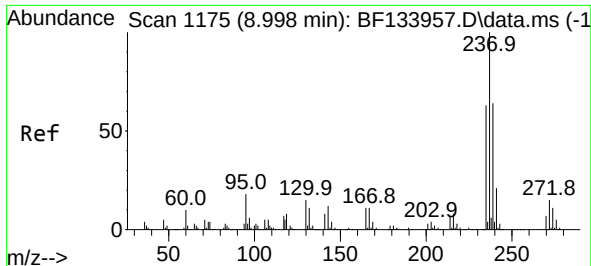


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.819 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19



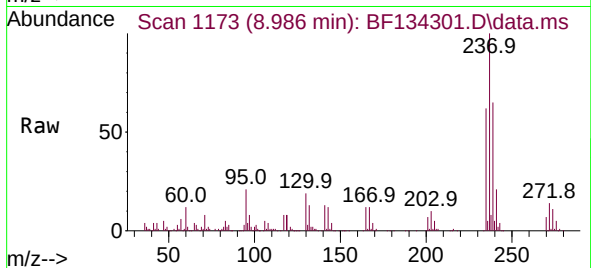
Tgt Ion:216 Resp: 190317
Ion Ratio Lower Upper
216 100
214 79.0 64.1 96.1
179 22.4 17.3 25.9
108 19.7 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 42.868 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

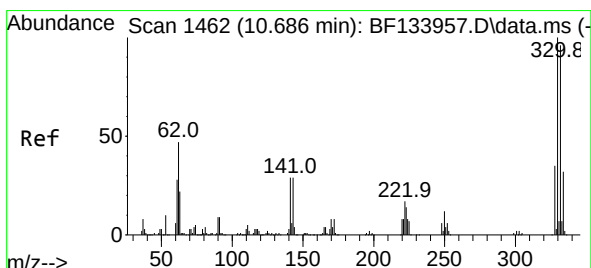
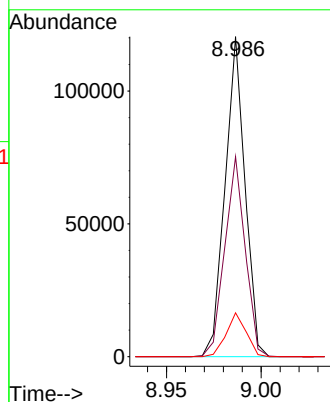
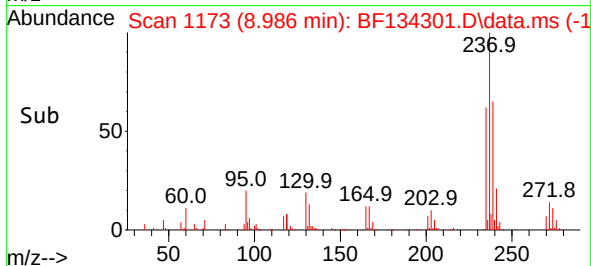
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD



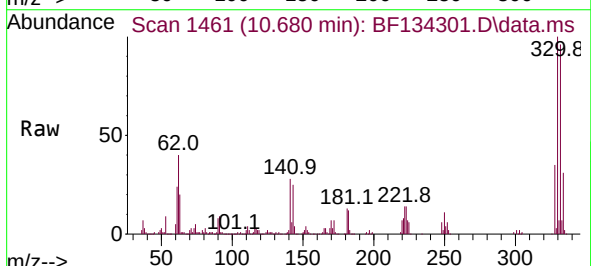
Tgt Ion: 237 Resp: 88332
Ion Ratio Lower Upper
237 100
235 62.5 42.8 82.8
272 13.7 0.0 34.6

Manual Integrations
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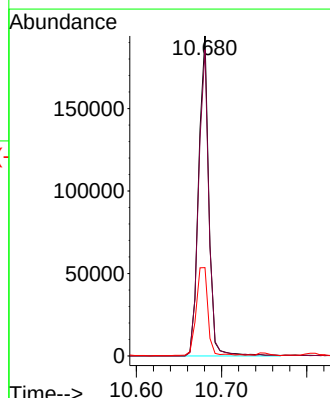
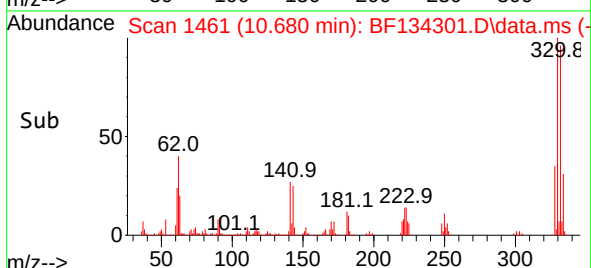
Reviewed By : Jagrut Upadhyay 07/15/2023
Supervised By : mohammad ahmed 07/19/2023

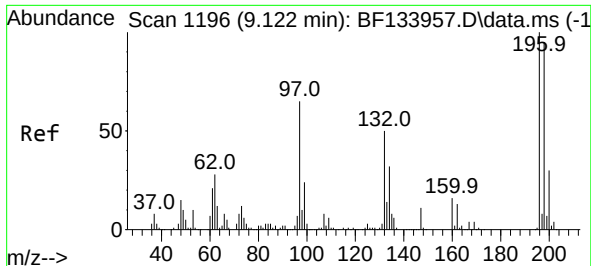


#42
2,4,6-Tribromophenol
Concen: 88.069 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19



Tgt Ion: 330 Resp: 161878
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 32.5 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 42.710 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF134301.D

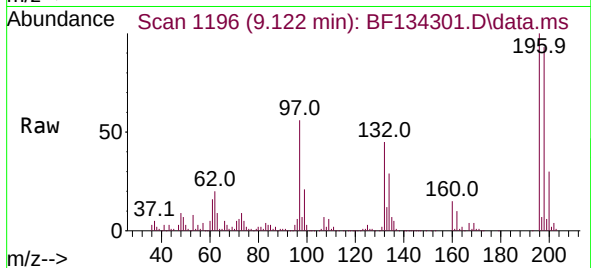
Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD



Tgt Ion:196 Resp: 126279

Ion Ratio Lower Upper

196 100

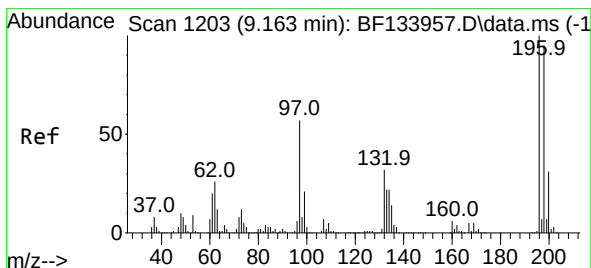
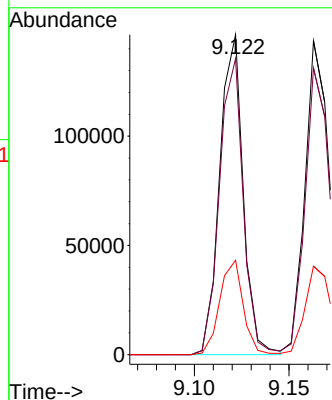
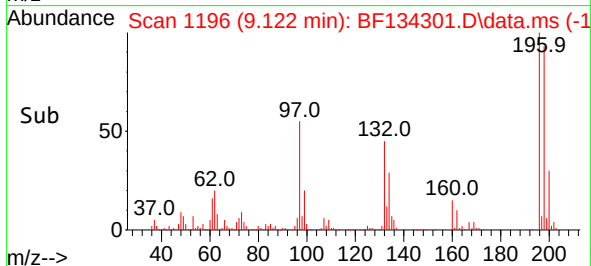
198 92.5 75.6 113.4

200 29.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#44

2,4,5-Trichlorophenol

Concen: 39.226 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Tgt Ion:196 Resp: 136424

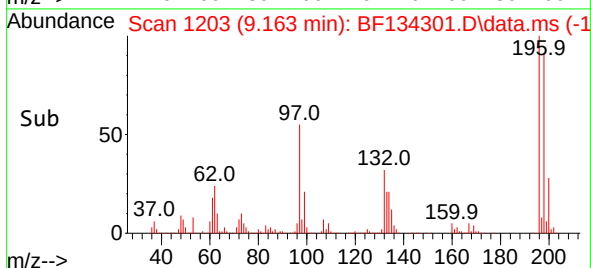
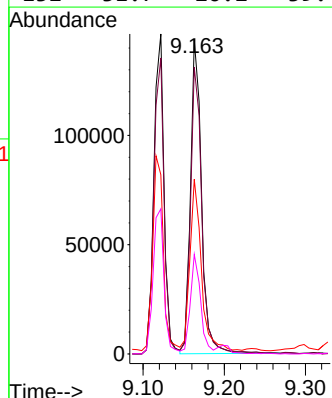
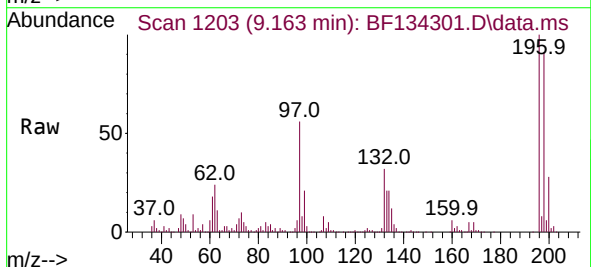
Ion Ratio Lower Upper

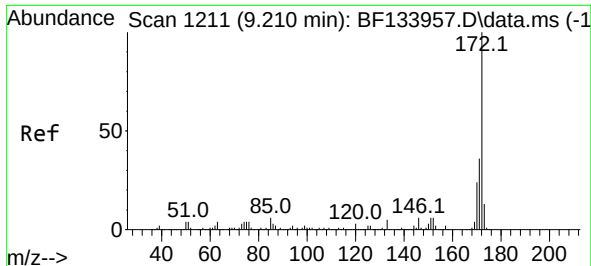
196 100

198 91.4 75.7 113.5

97 55.7 45.8 68.6

132 31.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 60.515 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

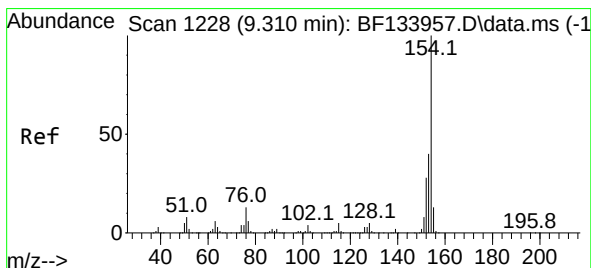
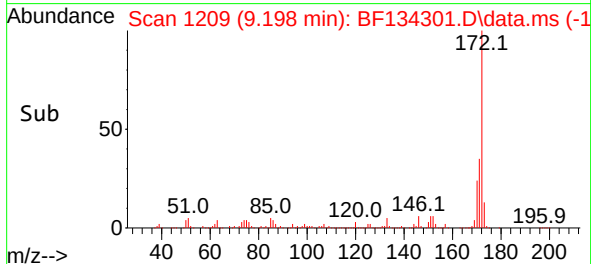
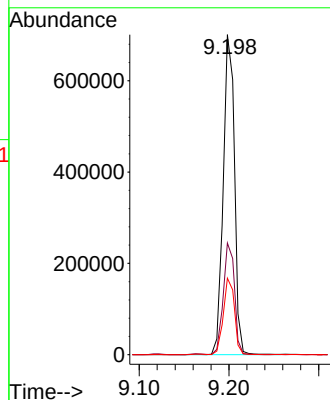
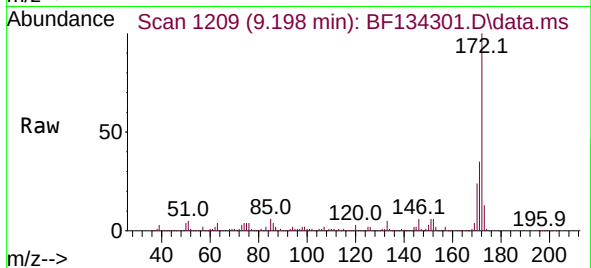
VNJ-225MSD

Tgt Ion:	172	Resp:	610190
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.6	43.0
170	23.9	19.4	29.0

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Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#46

1,1'-Biphenyl

Concen: 42.436 ng

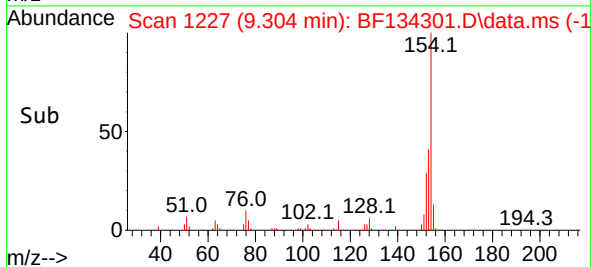
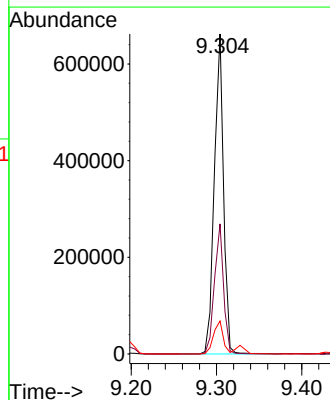
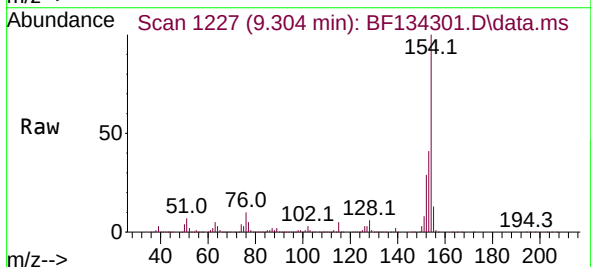
RT: 9.304 min Scan# 1227

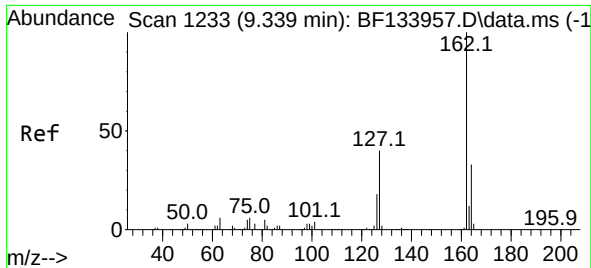
Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

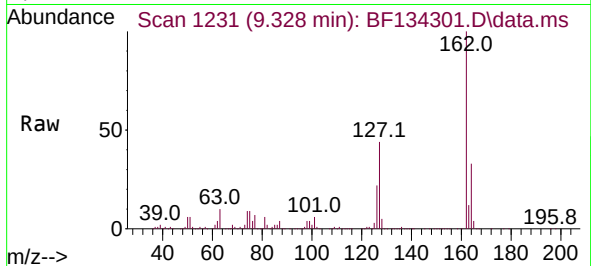
Tgt Ion:	154	Resp:	499043
Ion Ratio	Lower	Upper	
154	100		
153	40.6	19.8	59.8
76	10.3	0.0	32.9





#47
2-Chloronaphthalene
Concen: 42.891 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

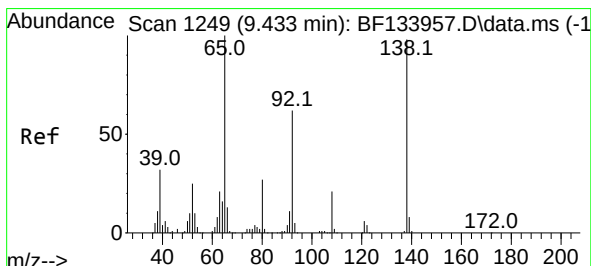
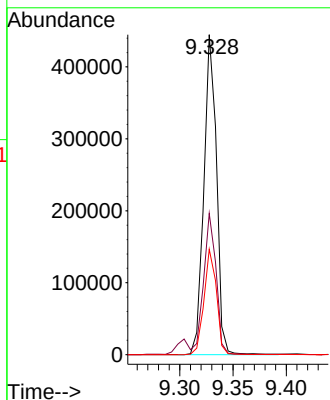
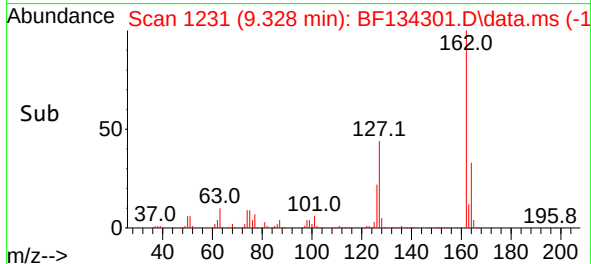
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD



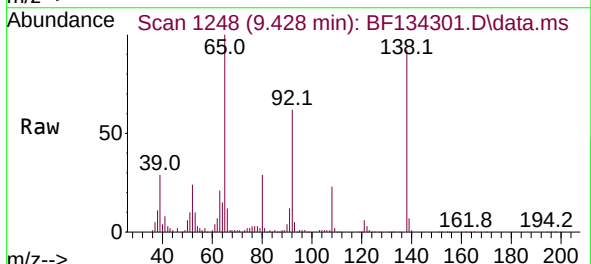
Tgt Ion:162 Resp: 36904
Ion Ratio Lower Upper
162 100
127 44.1 32.9 49.3
164 33.0 26.1 39.1

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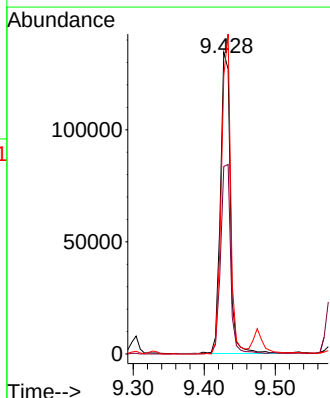
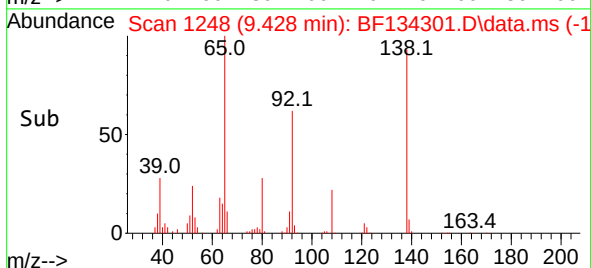
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023

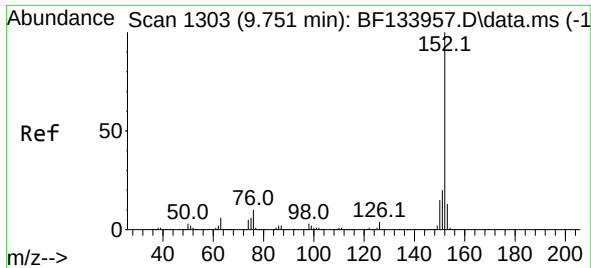


#48
2-Nitroaniline
Concen: 40.940 ng
RT: 9.428 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19



Tgt Ion: 65 Resp: 128379
Ion Ratio Lower Upper
65 100
92 62.2 49.5 74.3
138 92.3 78.0 117.0





#49
Acenaphthylene
Concen: 41.433 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

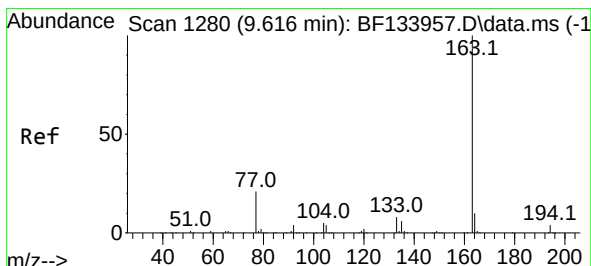
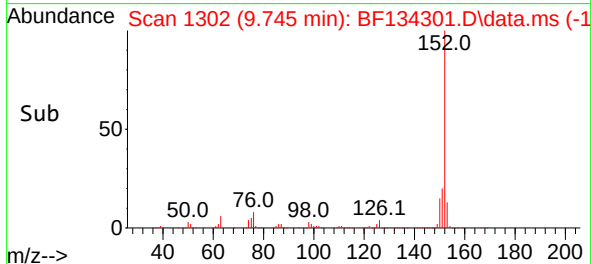
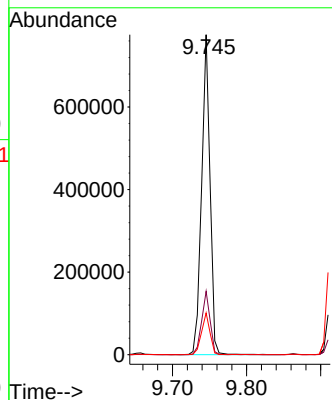
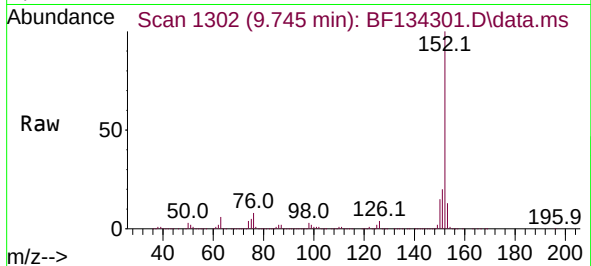
VNJ-225MSD

Tgt Ion:152 Resp: 60898
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.0 10.8 16.2

Manual Integrations

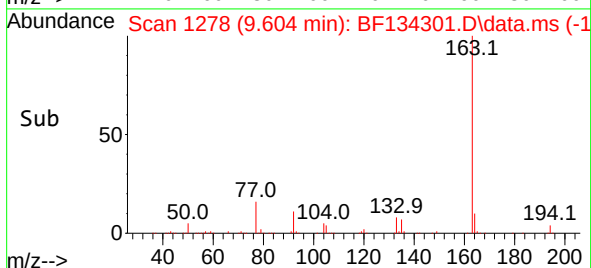
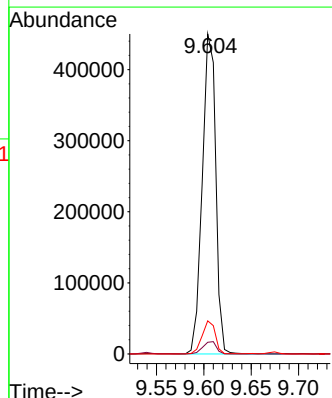
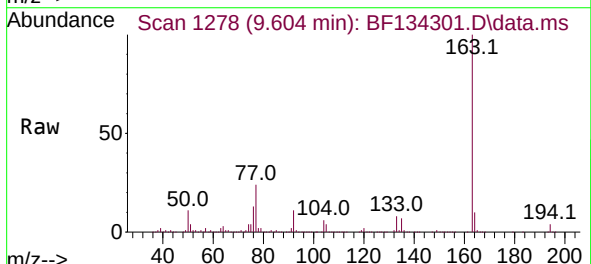
APPROVED

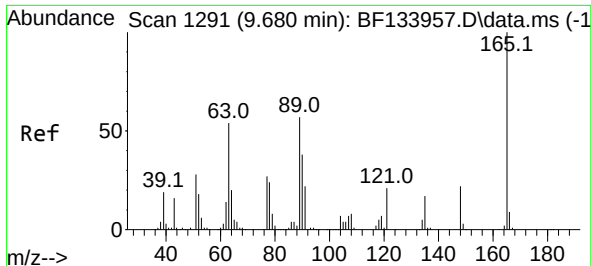
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#50
Dimethylphthalate
Concen: 41.812 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:163 Resp: 444955
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.3 8.2 12.2





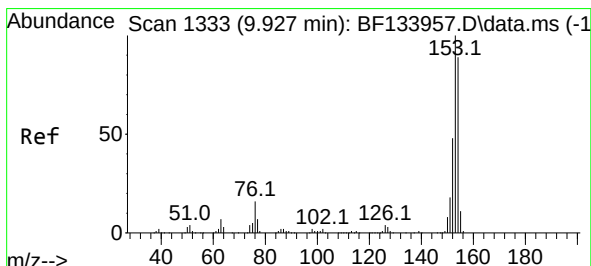
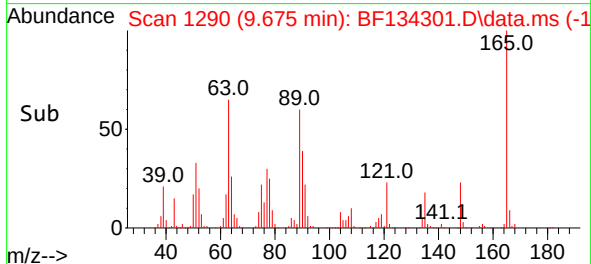
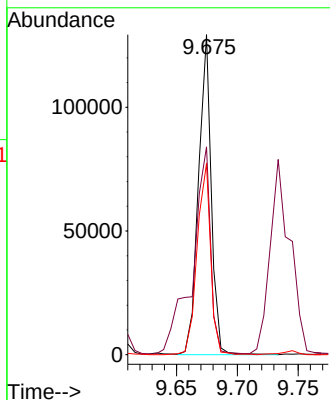
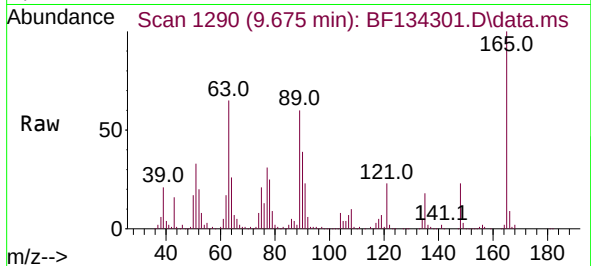
#51
2,6-Dinitrotoluene
Concen: 40.988 ng
RT: 9.675 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

Tgt Ion:165 Resp: 93948
Ion Ratio Lower Upper
165 100
63 65.0 48.5 72.7
89 59.8 45.5 68.3

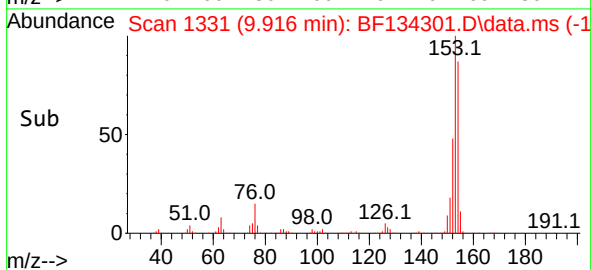
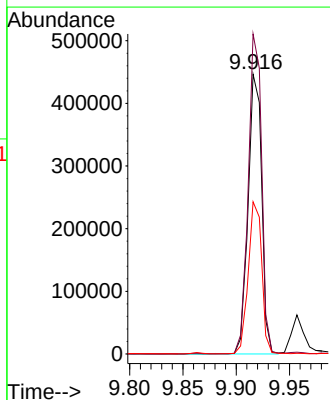
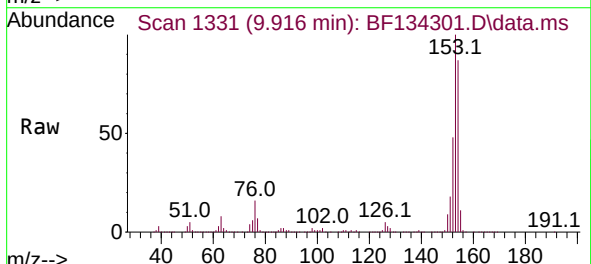
Manual Integrations
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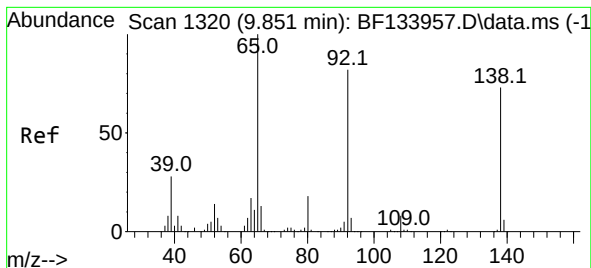
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#52
Acenaphthene
Concen: 46.281 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:154 Resp: 394715
Ion Ratio Lower Upper
154 100
153 114.4 89.4 134.2
152 54.4 42.8 64.2





#53

3-Nitroaniline

Concen: 31.814 ng

RT: 9.845 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

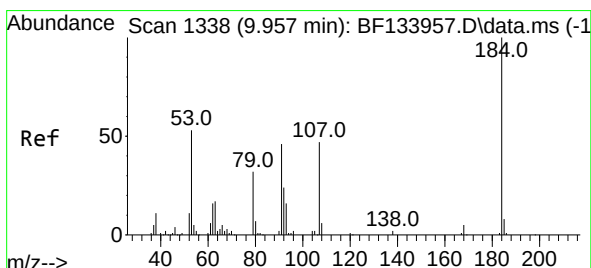
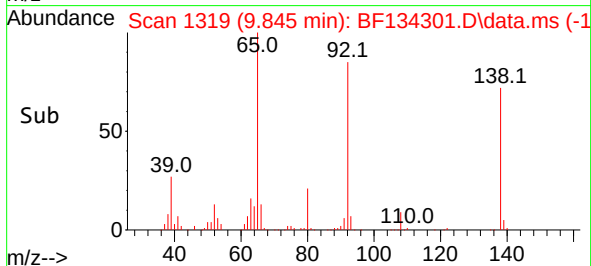
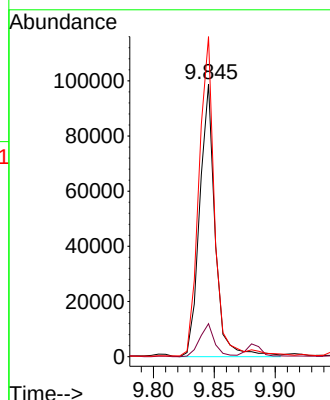
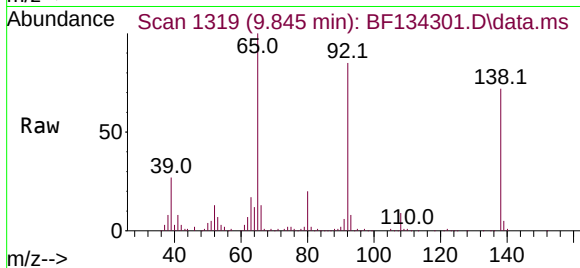
Tgt Ion:138 Resp: 87480

Ion	Ratio	Lower	Upper
138	100		
108	12.1	8.4	12.6
92	117.4	90.1	135.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#54

2,4-Dinitrophenol

Concen: 56.701 ng

RT: 9.957 min Scan# 1338

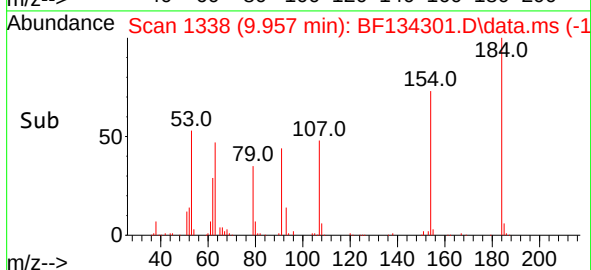
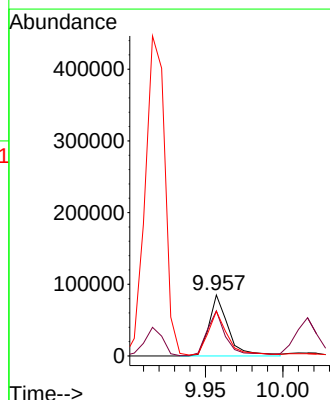
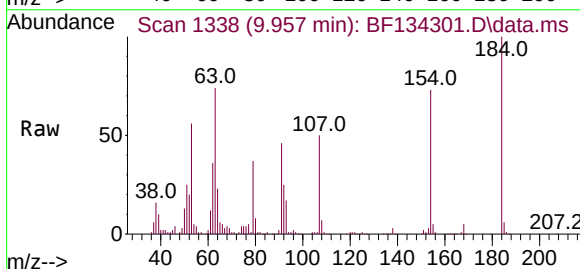
Delta R.T. 0.000 min

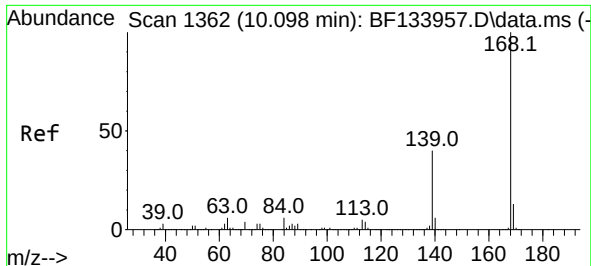
Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Tgt Ion:184 Resp: 73490

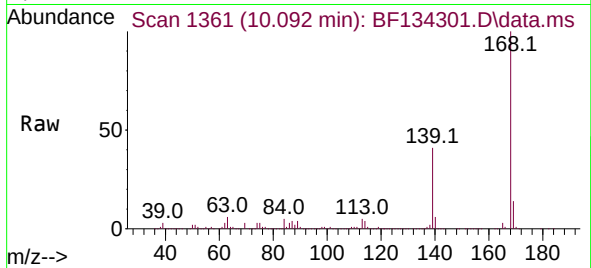
Ion	Ratio	Lower	Upper
184	100		
63	74.1	56.9	85.3
154	73.2	55.4	83.0





#55
Dibenzenofuran
Concen: 43.414 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

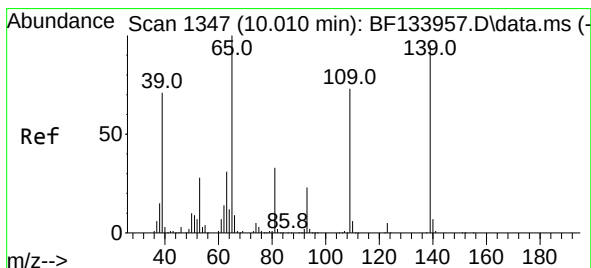
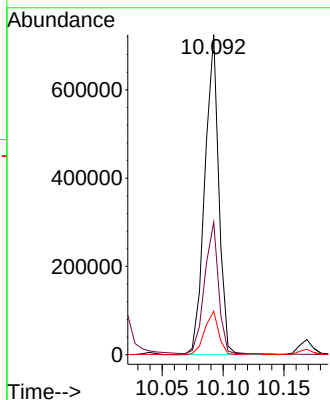
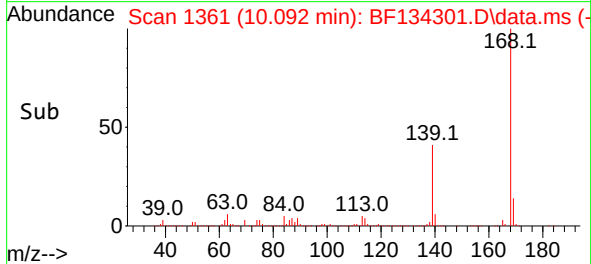
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD



Tgt Ion:168 Resp: 57866
Ion Ratio Lower Upper
168 100
139 41.4 32.0 48.0
169 13.6 10.6 16.0

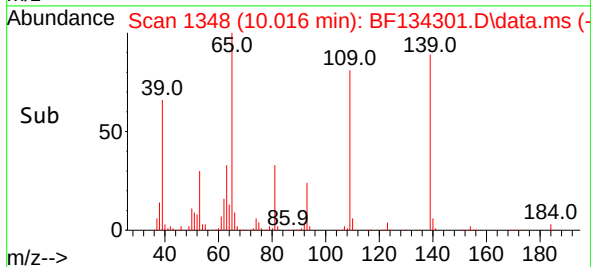
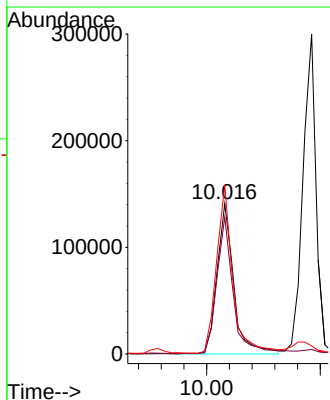
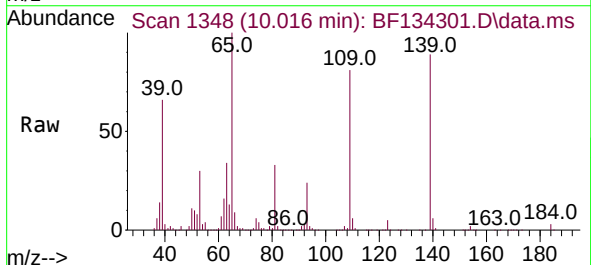
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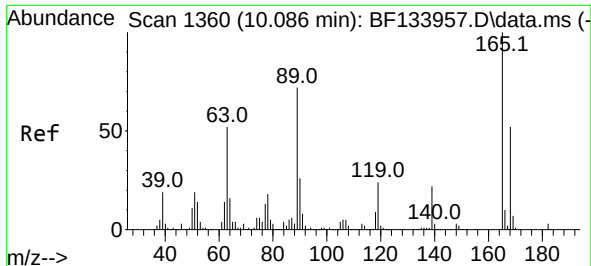
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#56
4-Nitrophenol
Concen: 75.330 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:139 Resp: 144890
Ion Ratio Lower Upper
139 100
109 91.0 56.8 96.8
65 112.5 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 42.723 ng
RT: 10.081 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

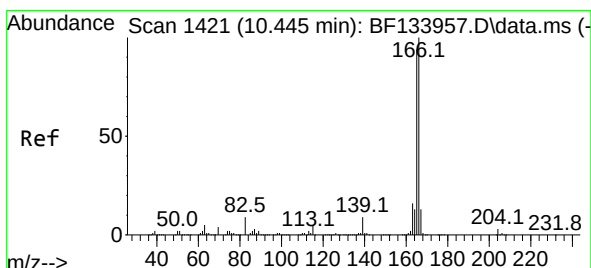
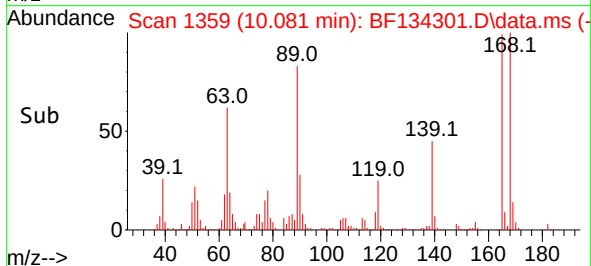
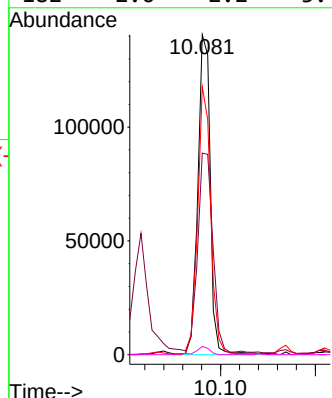
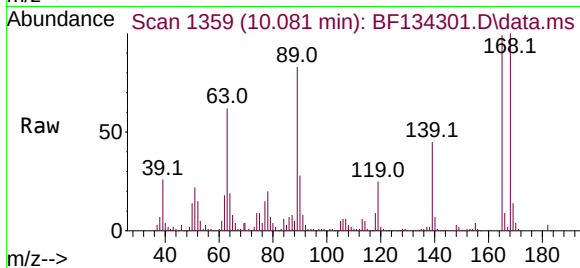
VNJ-225MSD

Tgt Ion:165 Resp: 12932
Ion Ratio Lower Upper
165 100
63 63.0 42.2 63.2
89 83.7 57.4 86.2
182 2.6 2.2 3.4

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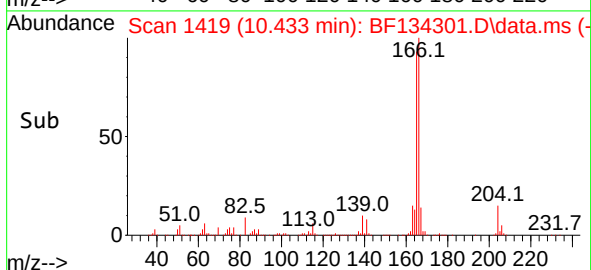
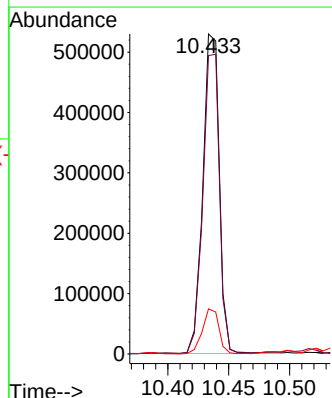
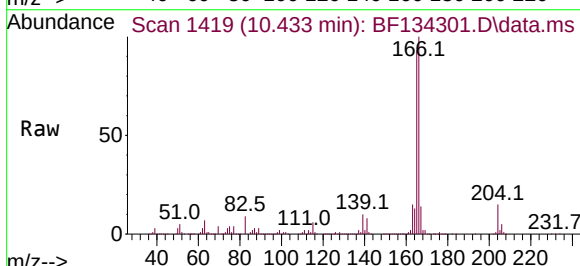
APPROVED

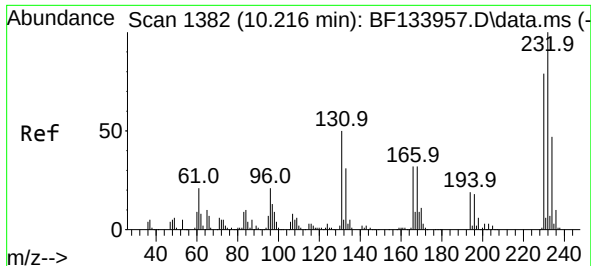
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#58
Fluorene
Concen: 48.308 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

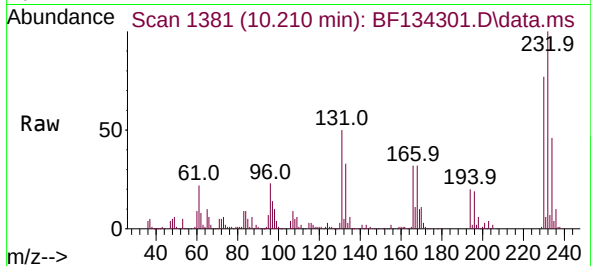
Tgt Ion:166 Resp: 500945
Ion Ratio Lower Upper
166 100
165 93.3 75.0 112.4
167 14.1 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.415 ng
RT: 10.210 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

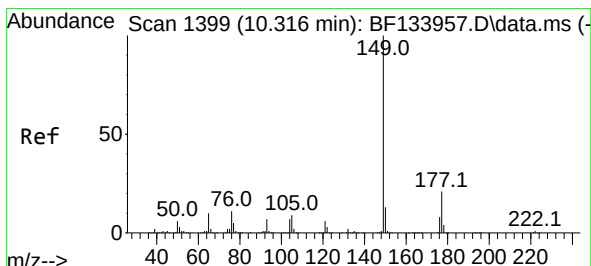
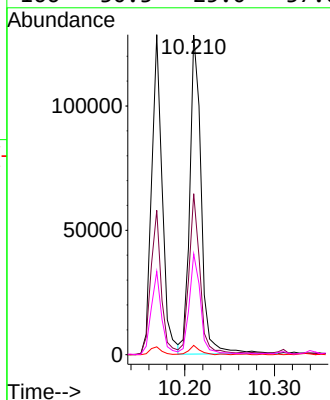
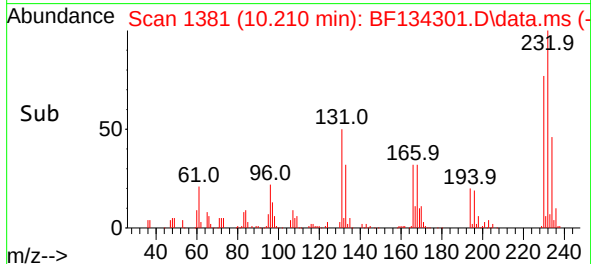
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD



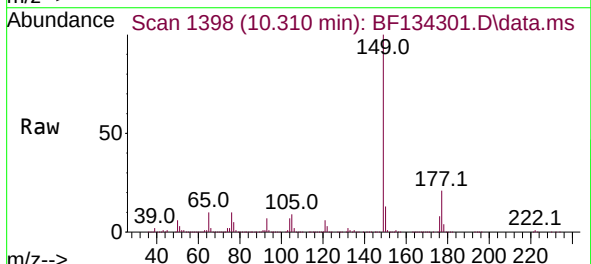
Tgt Ion:232 Resp: 113614
Ion Ratio Lower Upper
232 100
131 47.2 39.3 58.9
130 2.8 1.8 2.6
166 30.3 25.0 37.6

Manual Integrations
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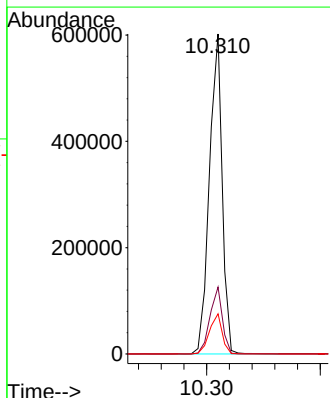
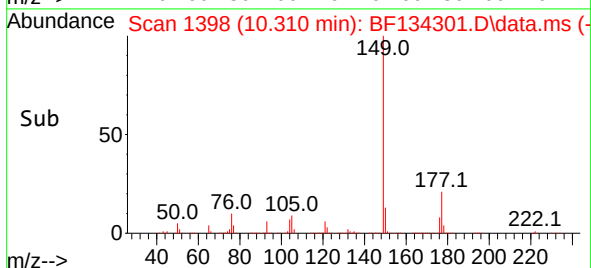
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023

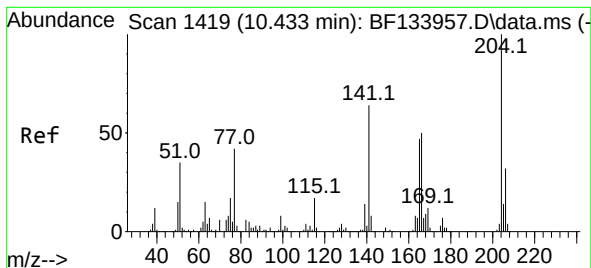


#60
Diethylphthalate
Concen: 42.312 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19



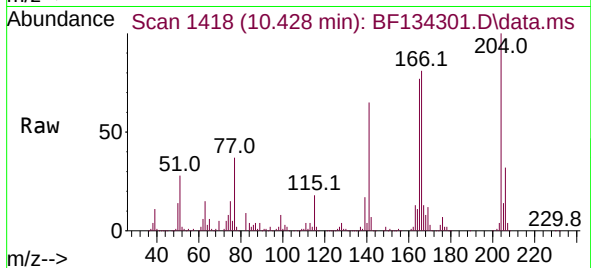
Tgt Ion:149 Resp: 469114
Ion Ratio Lower Upper
149 100
177 20.9 17.0 25.6
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.337 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

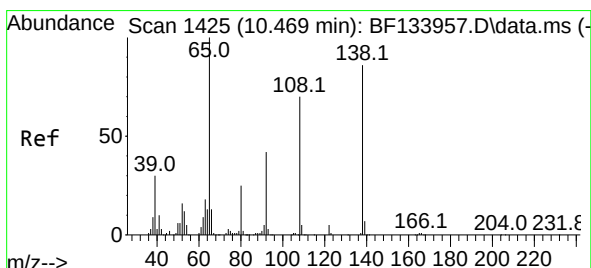
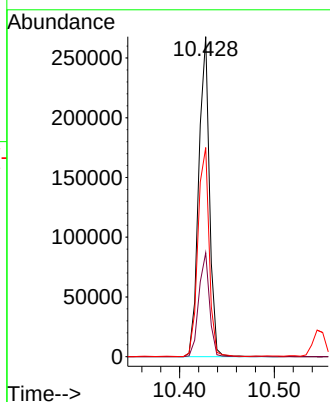
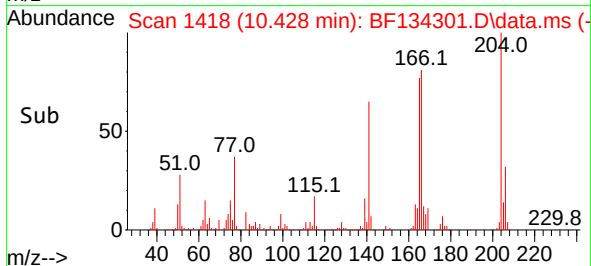
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD



Tgt Ion:204 Resp: 21157
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 65.4 51.5 77.3

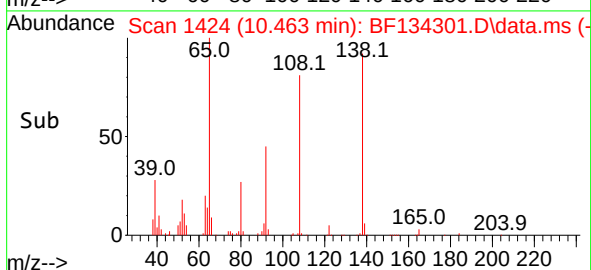
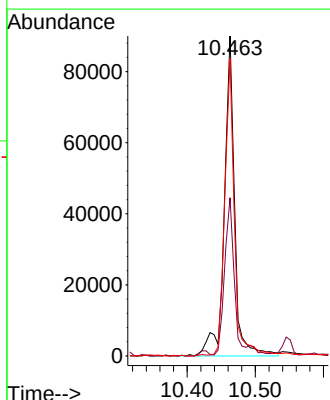
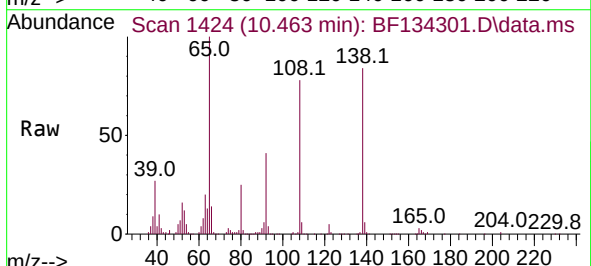
Manual Integrations
APPROVED

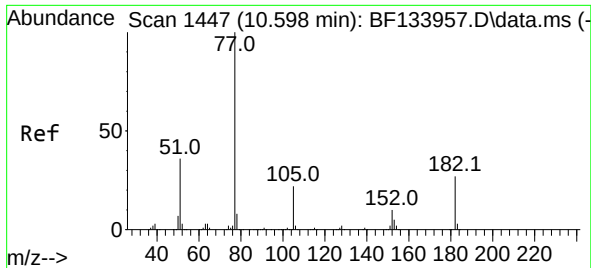
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#62
4-Nitroaniline
Concen: 34.385 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

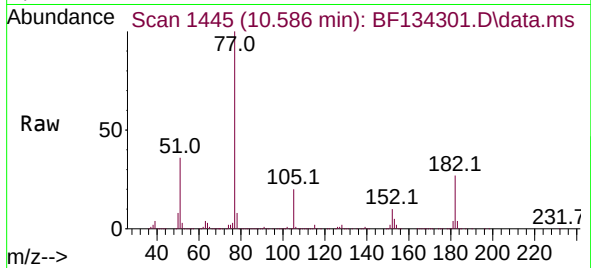
Tgt Ion:138 Resp: 95287
Ion Ratio Lower Upper
138 100
92 49.4 29.7 69.7
108 92.9 62.1 102.1





#63
Azobenzene
Concen: 43.431 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

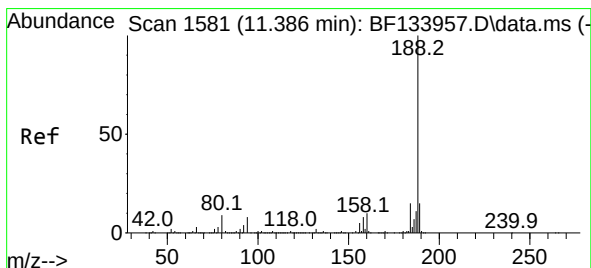
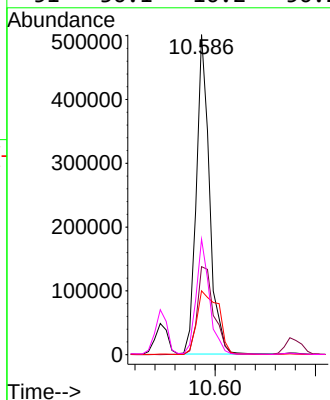
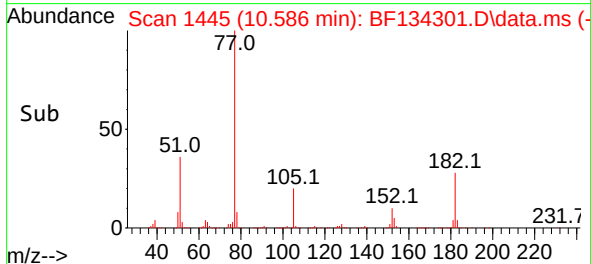
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD



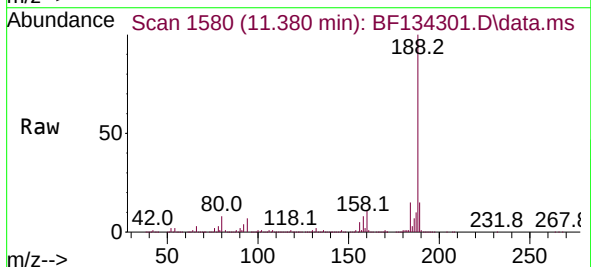
Tgt Ion: 77 Resp: 455485
Ion Ratio Lower Upper
77 100
182 27.5 6.8 46.8
105 20.0 2.3 42.3
51 36.1 16.2 56.2

Manual Integrations
APPROVED

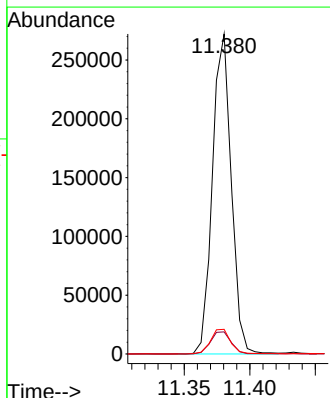
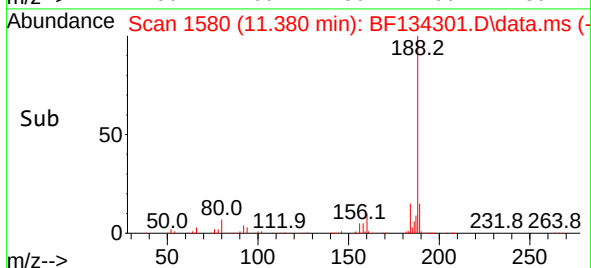
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023

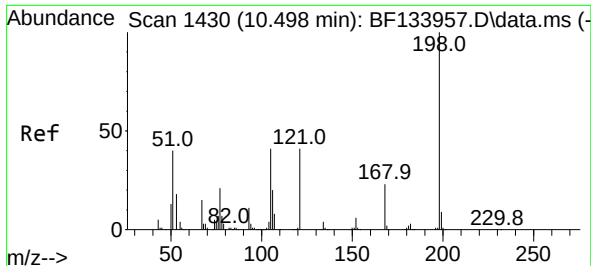


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19



Tgt Ion:188 Resp: 271544
Ion Ratio Lower Upper
188 100
94 6.9 6.4 9.6
80 7.7 7.3 10.9





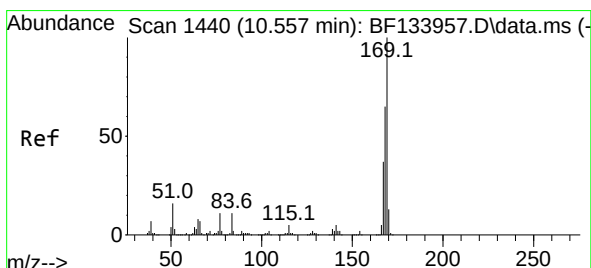
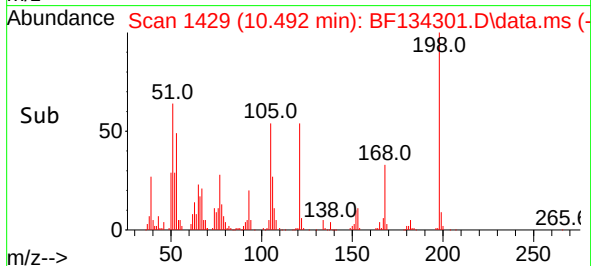
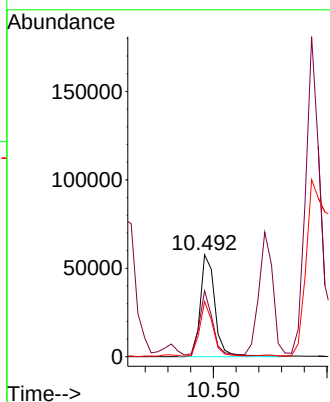
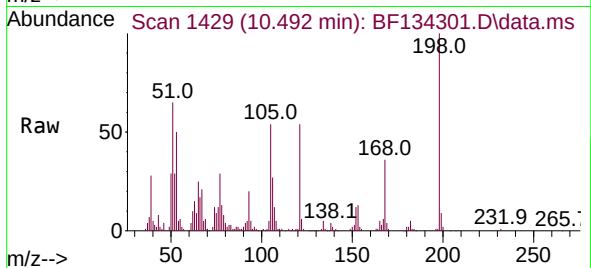
#65
4,6-Dinitro-2-methylphenol
Concen: 34.524 ng
RT: 10.492 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

Tgt Ion:198 Resp: 5111
Ion Ratio Lower Upper
198 100
51 64.6 29.3 69.3
105 54.1 22.4 62.4

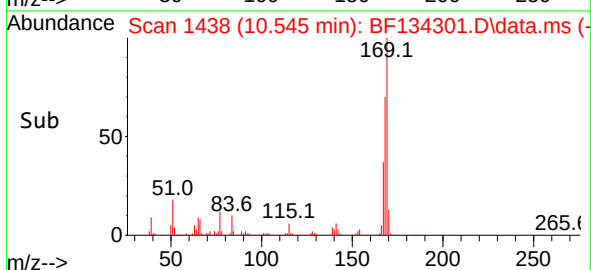
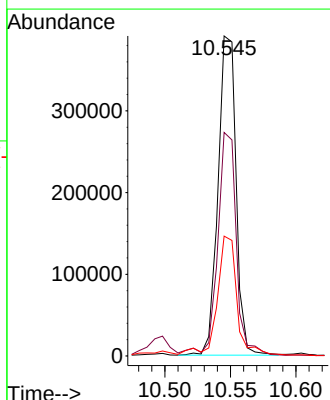
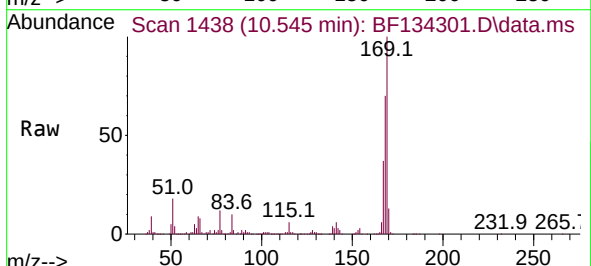
Manual Integrations
APPROVED

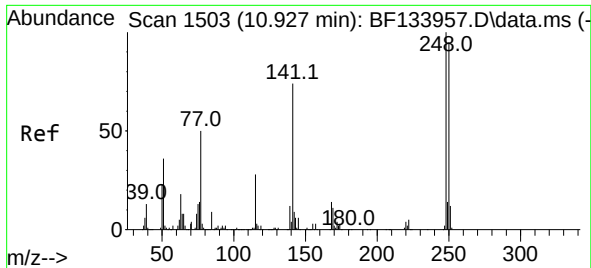
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#66
n-Nitrosodiphenylamine
Concen: 42.978 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

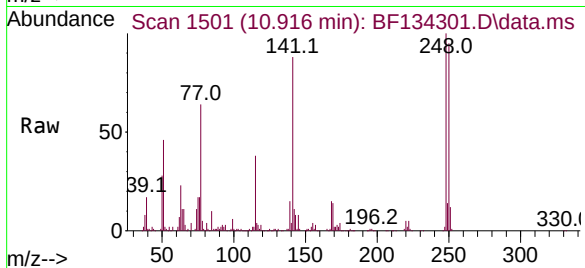
Tgt Ion:169 Resp: 372875
Ion Ratio Lower Upper
169 100
168 69.8 52.3 78.5
167 37.5 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 45.162 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

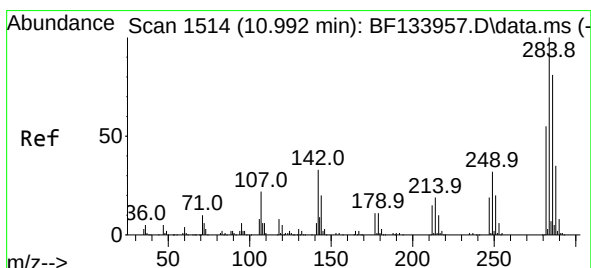
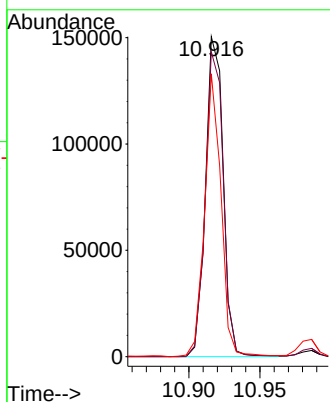
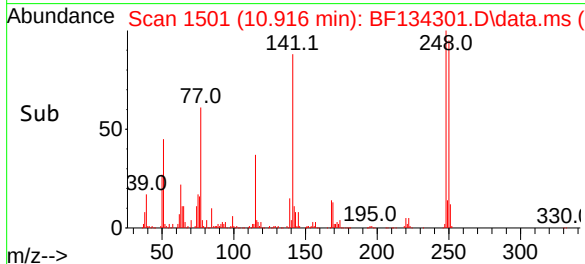
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD



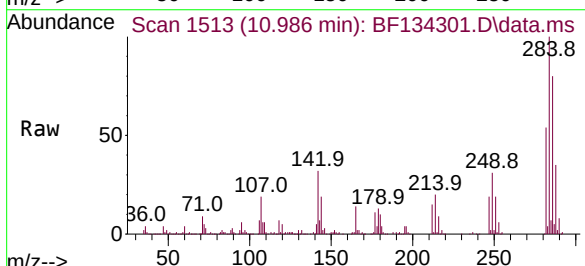
Tgt Ion:248 Resp: 13034
Ion Ratio Lower Upper
248 100
250 95.2 76.2 114.4
141 88.4 59.0 88.4

Manual Integrations
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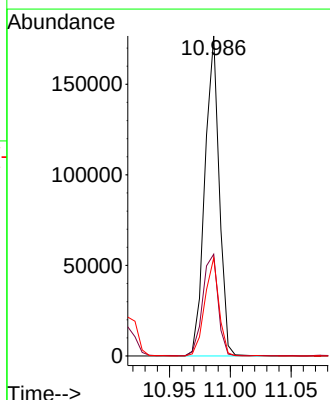
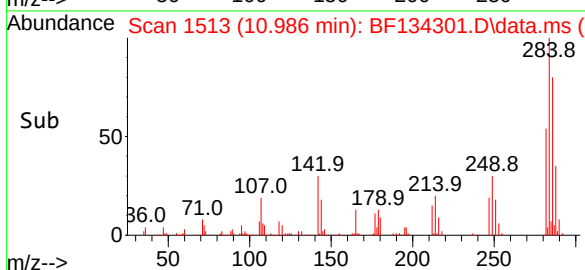
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023

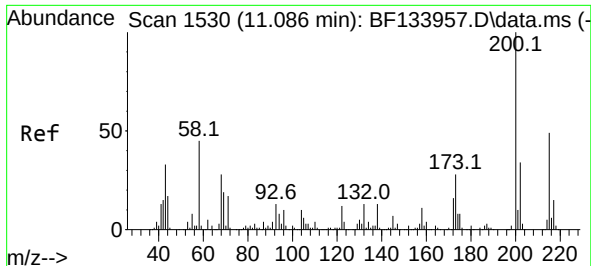


#68
Hexachlorobenzene
Concen: 47.239 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19



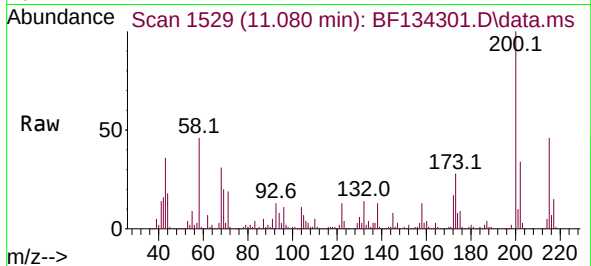
Tgt Ion:284 Resp: 144763
Ion Ratio Lower Upper
284 100
142 31.8 26.6 40.0
249 30.7 25.5 38.3





#69
 Atrazine
 Concen: 50.921 ng
 RT: 11.080 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: BF134301.D
 Acq: 14 Jul 2023 21:19

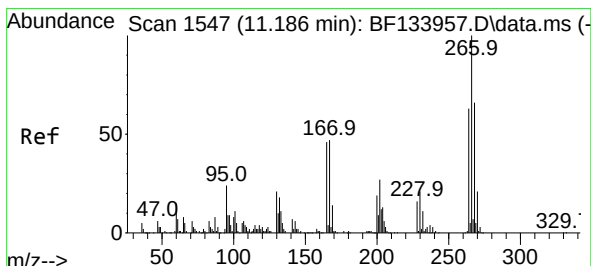
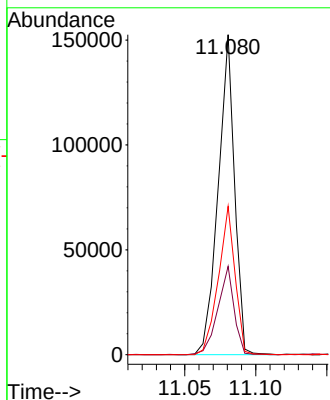
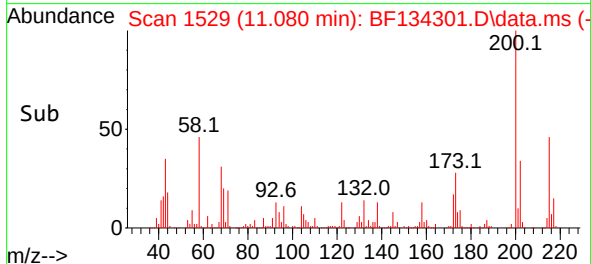
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225MSD



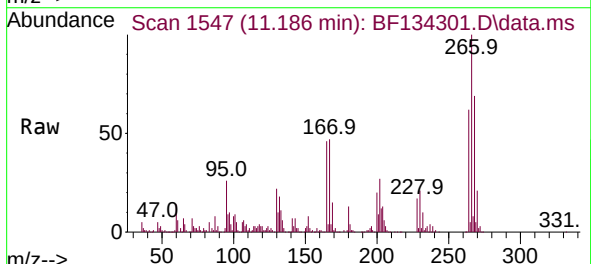
Tgt Ion:200 Resp: 12220
 Ion Ratio Lower Upper
 200 100
 173 27.6 8.0 48.0
 215 46.4 29.3 69.3

Manual Integrations
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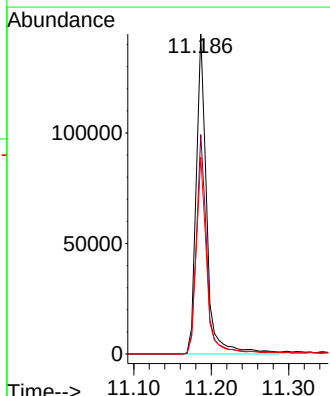
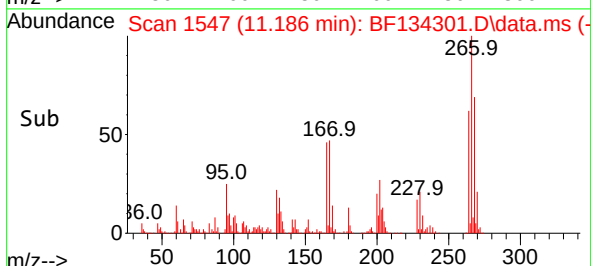
Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/19/2023

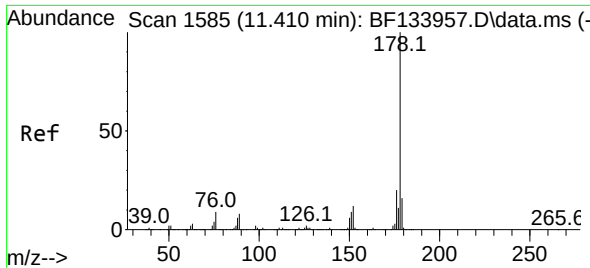


#70
 Pentachlorophenol
 Concen: 74.494 ng
 RT: 11.186 min Scan# 1547
 Delta R.T. 0.006 min
 Lab File: BF134301.D
 Acq: 14 Jul 2023 21:19



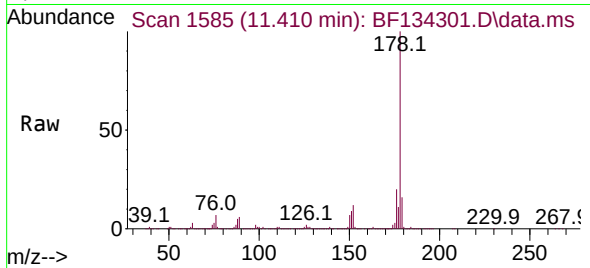
Tgt Ion:266 Resp: 136495
 Ion Ratio Lower Upper
 266 100
 268 68.6 52.6 79.0
 264 61.6 50.6 76.0





#71
Phenanthrene
Concen: 89.029 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

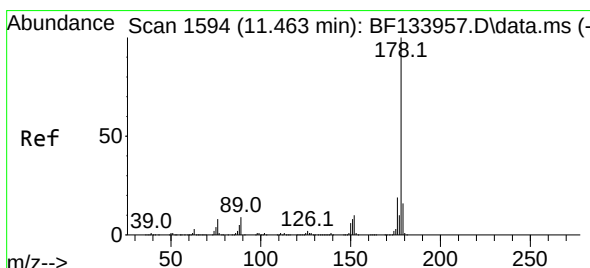
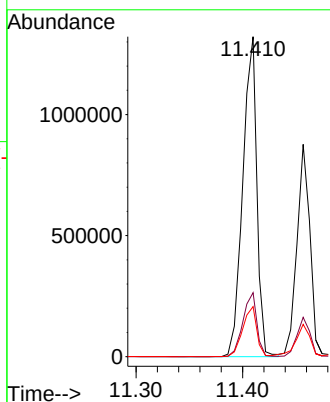
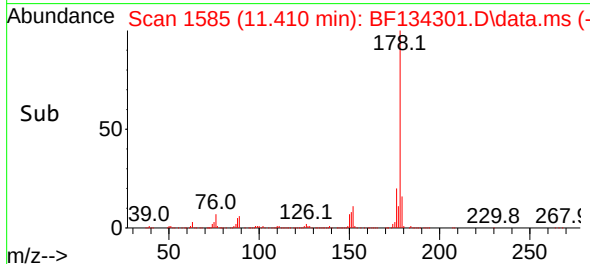
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD



Tgt Ion:178 Resp: 121702
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.6 12.4 18.6

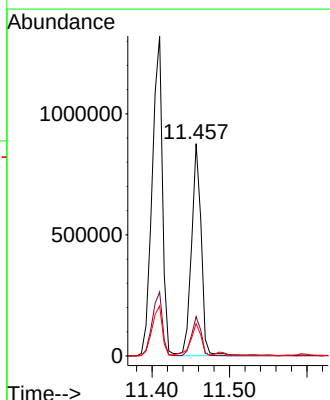
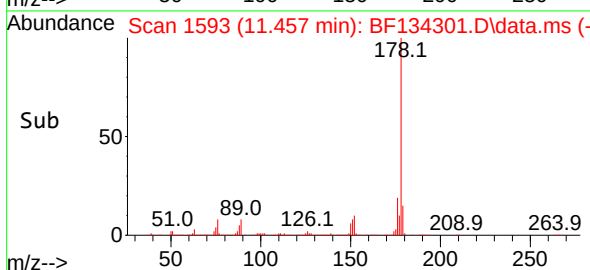
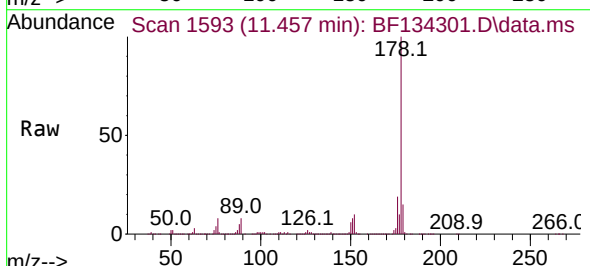
Manual Integrations
APPROVED

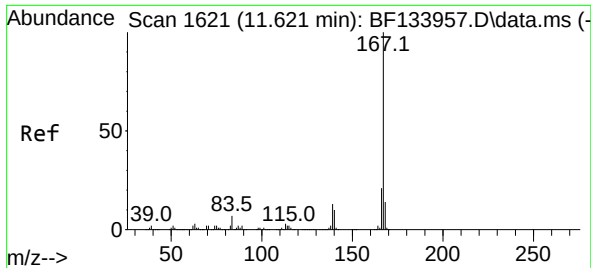
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#72
Anthracene
Concen: 53.334 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:178 Resp: 758316
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 45.973 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: BF134301.D
 Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

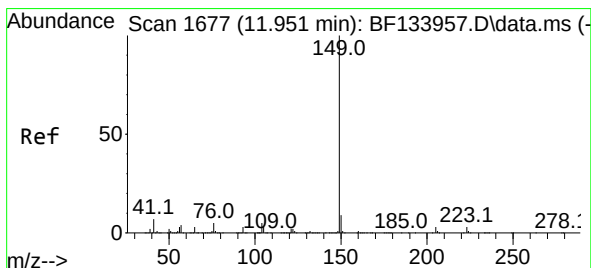
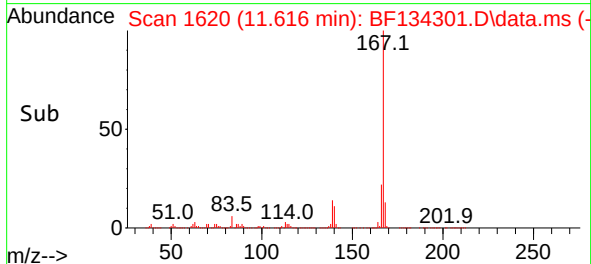
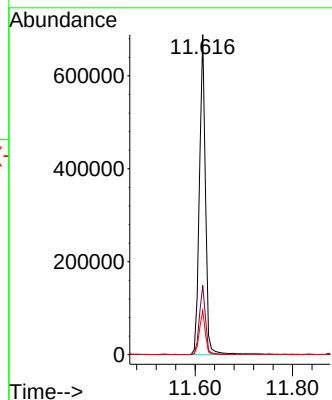
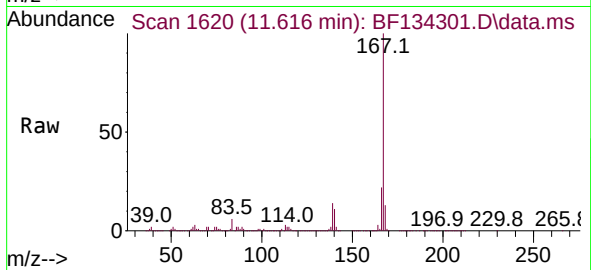
VNJ-225MSD

Tgt Ion:167 Resp: 598290
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.8 10.4 15.6

Manual Integrations

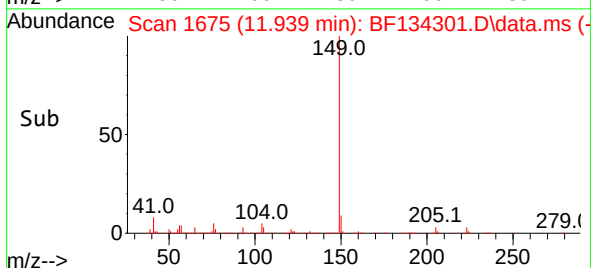
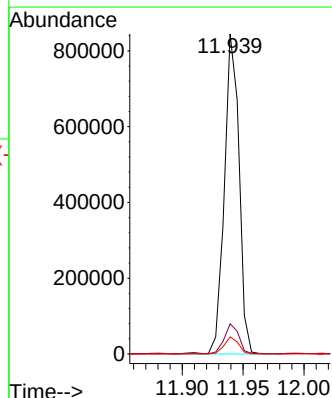
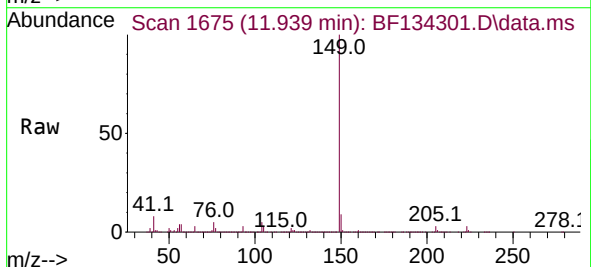
APPROVED

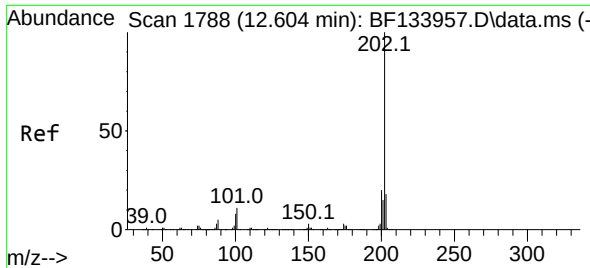
Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/19/2023



#74
 Di-n-butylphthalate
 Concen: 45.794 ng
 RT: 11.939 min Scan# 1675
 Delta R.T. 0.000 min
 Lab File: BF134301.D
 Acq: 14 Jul 2023 21:19

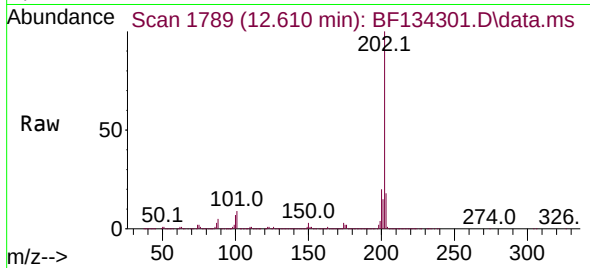
Tgt Ion:149 Resp: 708718
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.1 10.7
 104 5.4 4.0 6.0





#75
Fluoranthene
Concen: 111.154 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.012 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

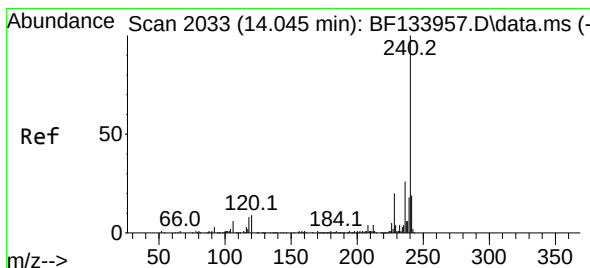
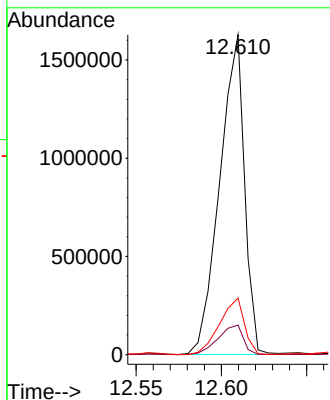
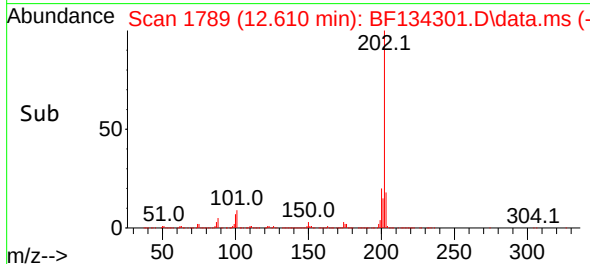
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD



Tgt Ion:202 Resp: 1642690
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.0
203 17.7 0.0 37.6

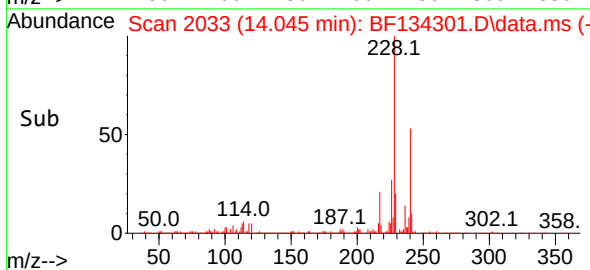
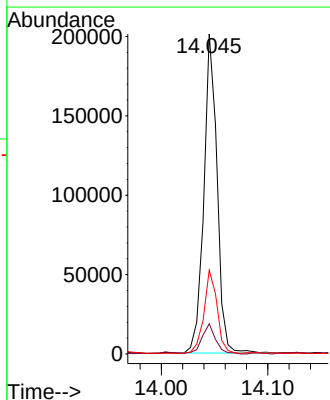
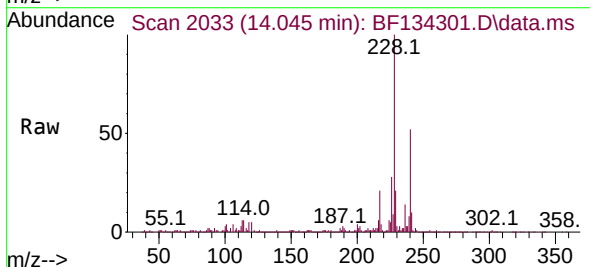
Manual Integrations
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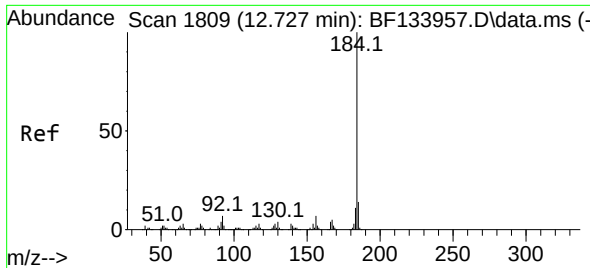
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:240 Resp: 173804
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 26.2 21.0 31.6





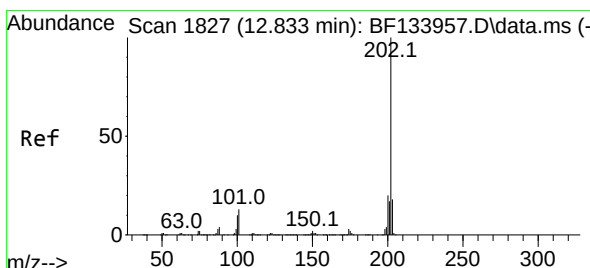
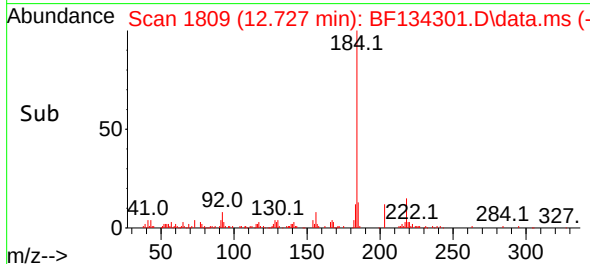
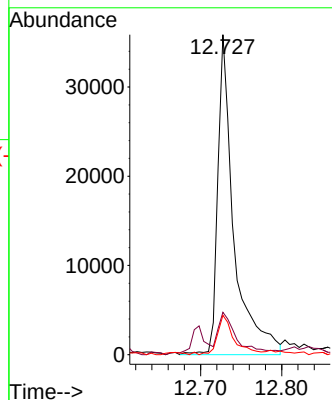
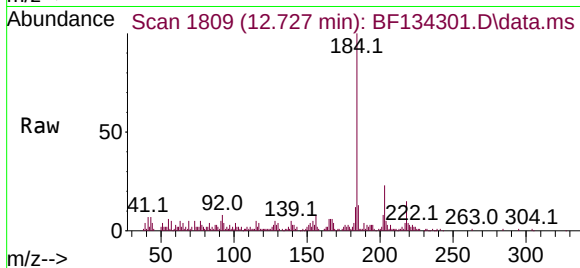
#77
Benzidine
Concen: 12.001 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

Tgt Ion:184 Resp: 4963
Ion Ratio Lower Upper
184 100
185 13.3 11.6 17.4
183 12.3 8.8 13.2

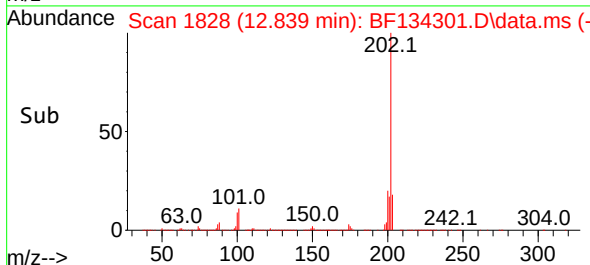
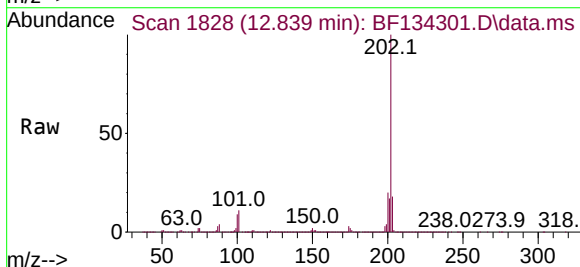
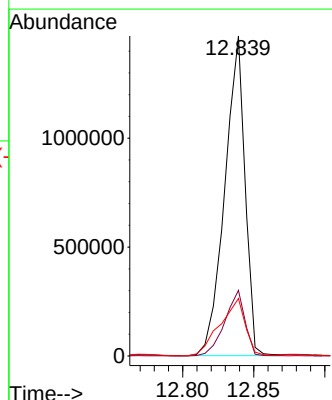
Manual Integrations
APPROVED

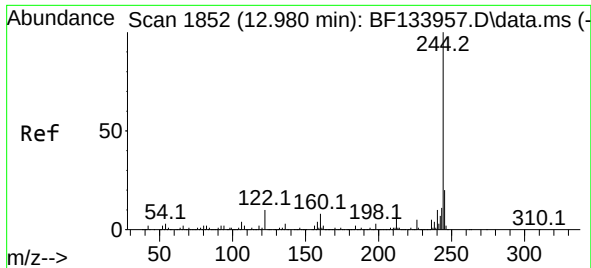
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#78
Pyrene
Concen: 89.833 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:202 Resp: 1453025
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 17.9 14.3 21.5





#79
Terphenyl-d14
Concen: 58.869 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

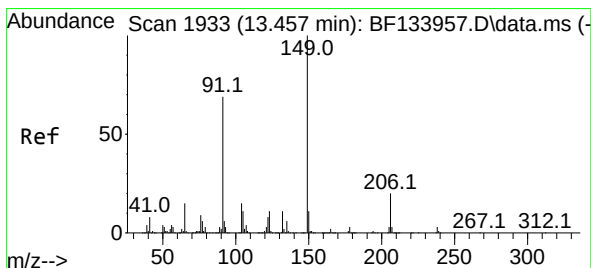
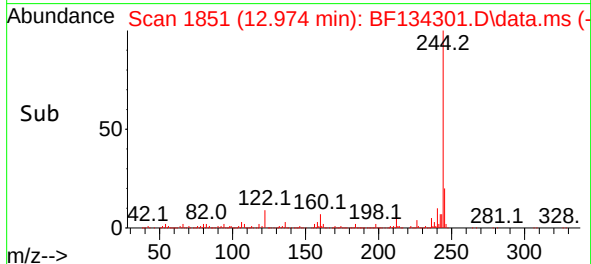
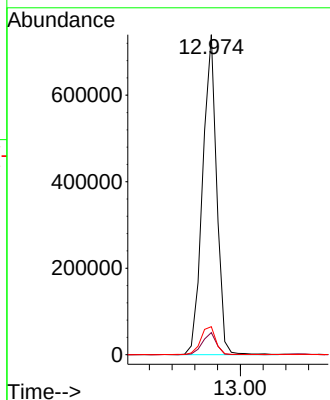
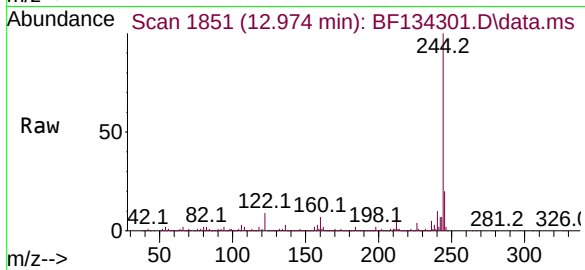
VNJ-225MSD

Tgt Ion:244 Resp: 63573
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 8.8 8.3 12.5

Manual Integrations

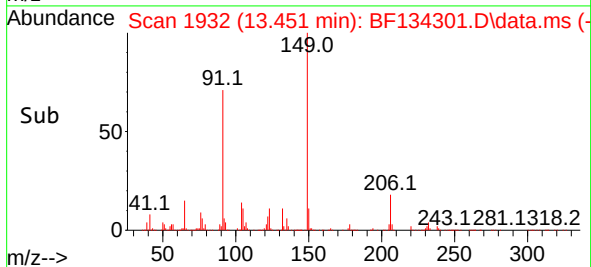
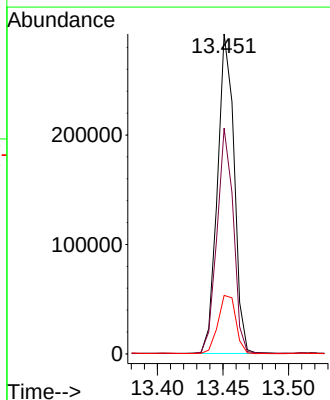
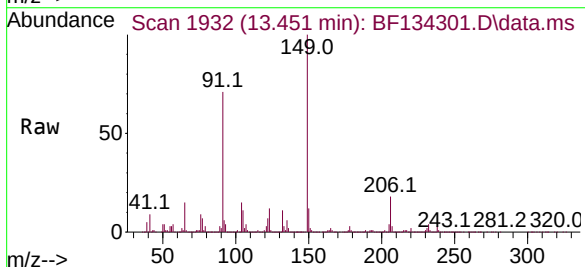
APPROVED

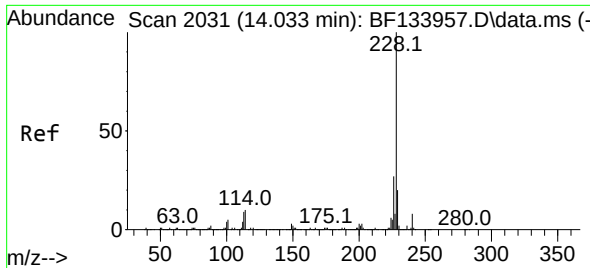
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#80
Butylbenzylphthalate
Concen: 42.545 ng
RT: 13.451 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:149 Resp: 258094
Ion Ratio Lower Upper
149 100
91 70.6 55.1 82.7
206 18.3 15.7 23.5





#81
Benzo(a)anthracene
Concen: 89.807 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

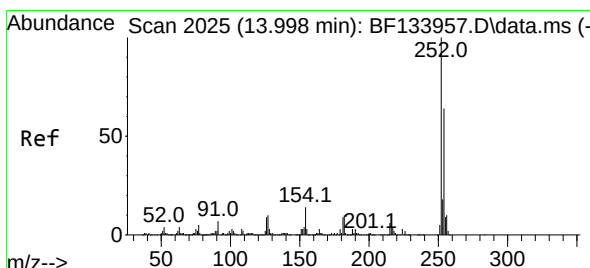
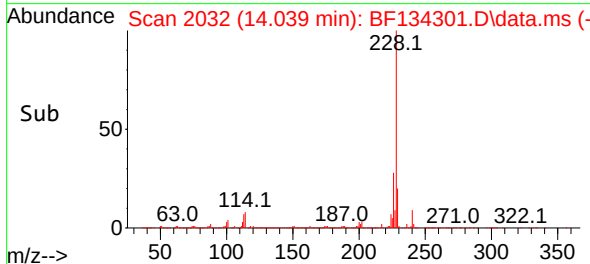
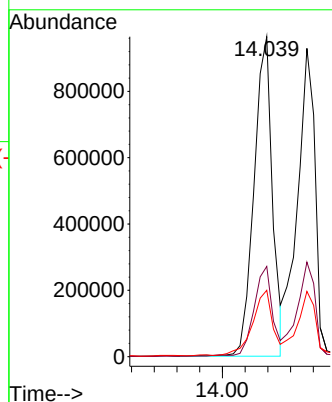
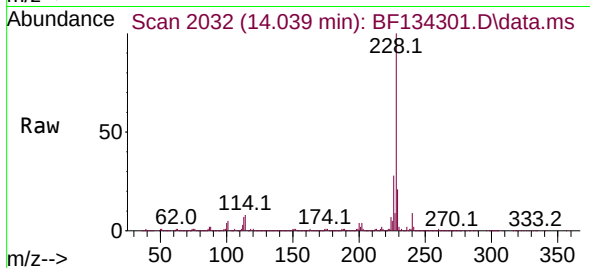
VNJ-225MSD

Tgt Ion:228 Resp: 108249
Ion Ratio Lower Upper
228 100
226 28.2 22.0 33.0
229 20.8 16.3 24.5

Manual Integrations

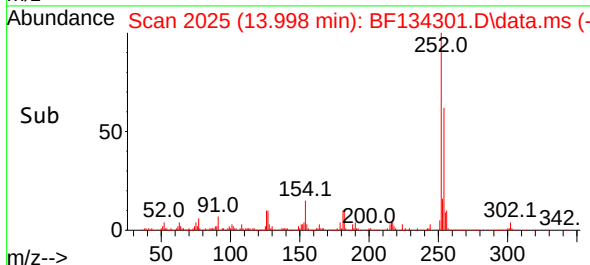
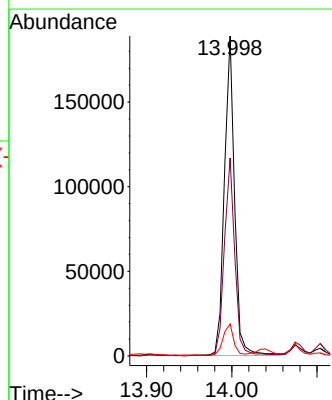
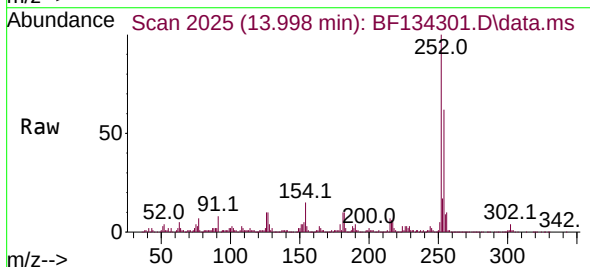
APPROVED

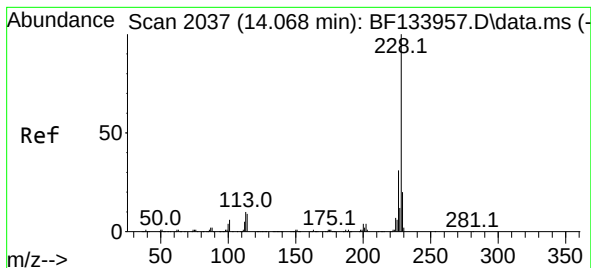
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#82
3,3'-Dichlorobenzidine
Concen: 41.141 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:252 Resp: 157112
Ion Ratio Lower Upper
252 100
254 61.9 51.4 77.0
126 10.0 7.4 11.2





#83

Chrysene

Concen: 86.293 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.006 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

Tgt Ion:228 Resp: 100744

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

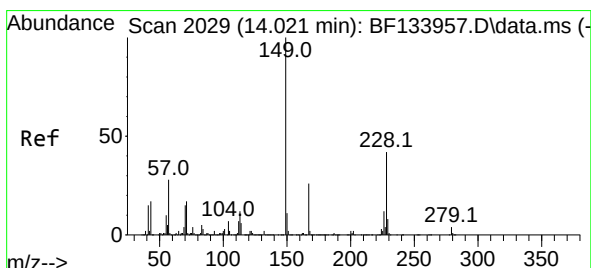
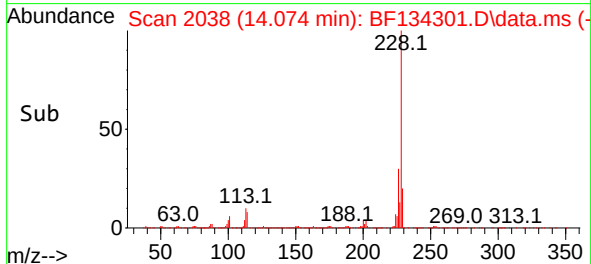
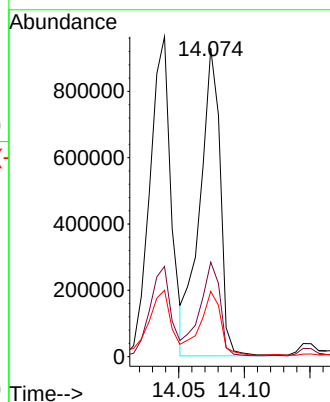
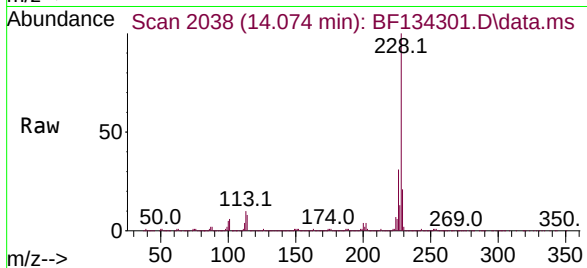
229 21.2 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023

Supervised By :mohammad ahmed 07/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.340 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

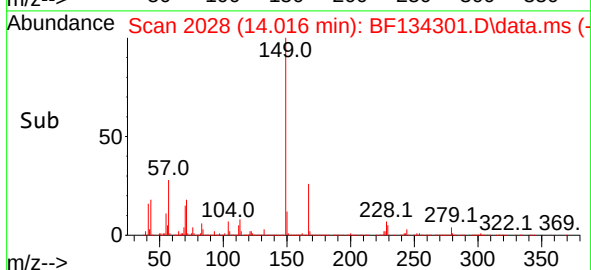
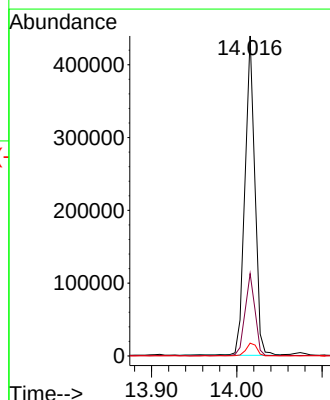
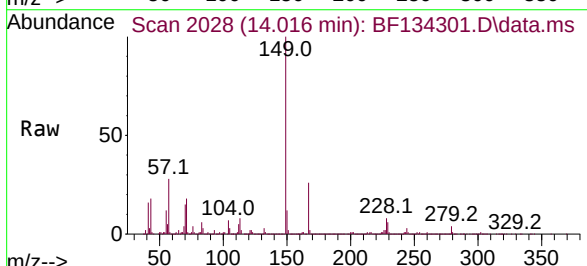
Tgt Ion:149 Resp: 357867

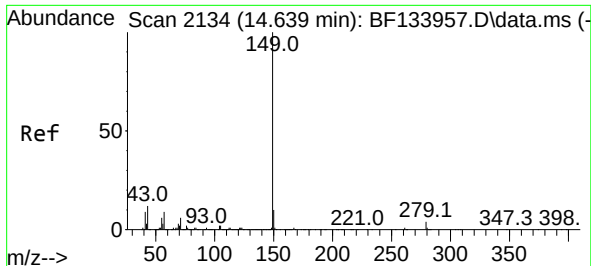
Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

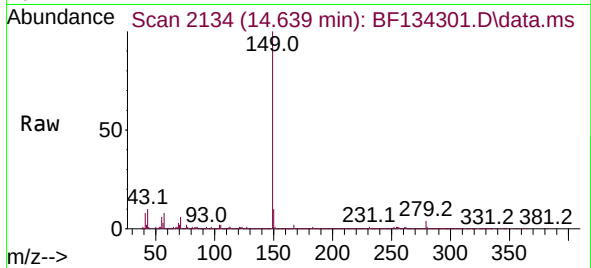
279 4.0 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 60.875 ng
RT: 14.639 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

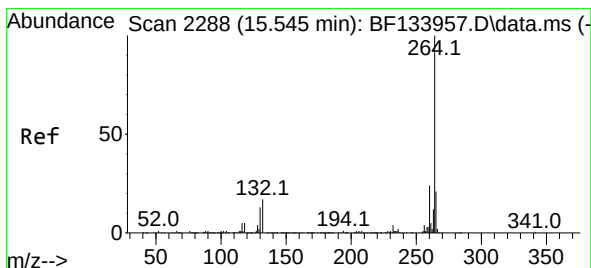
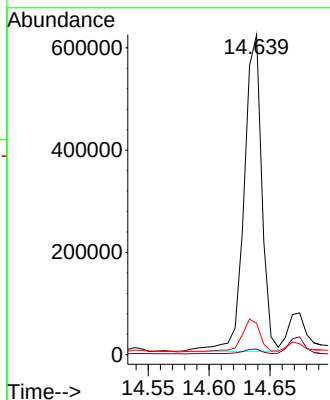
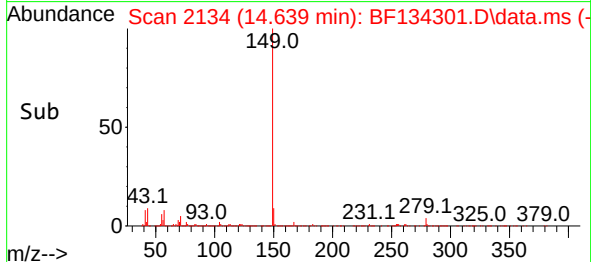
Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD



Tgt Ion:149 Resp: 62349
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.8 9.0 13.4

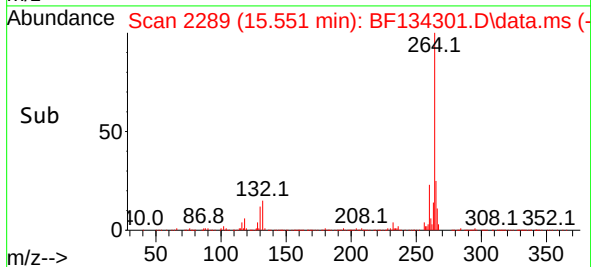
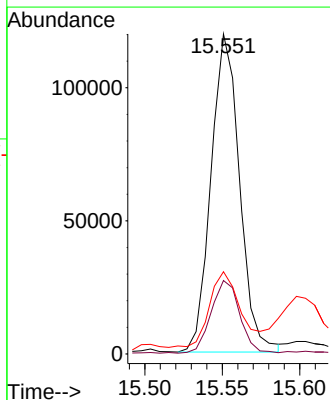
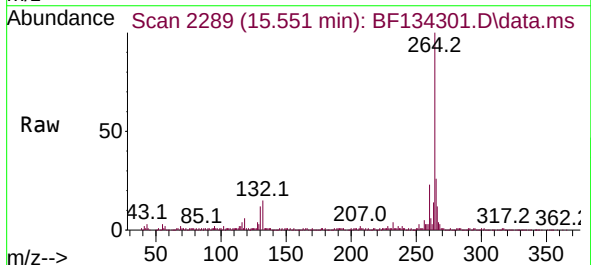
Manual Integrations
APPROVED

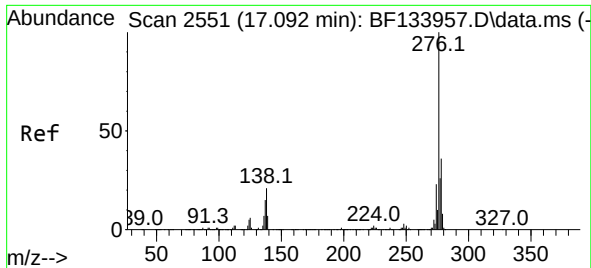
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:264 Resp: 153118
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 25.7 16.6 25.0#





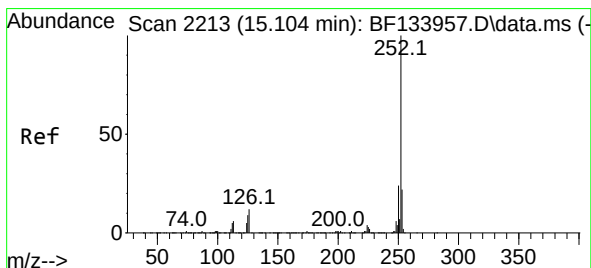
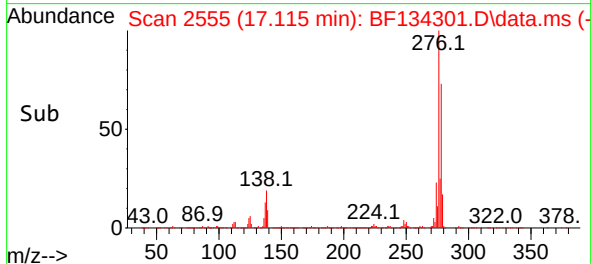
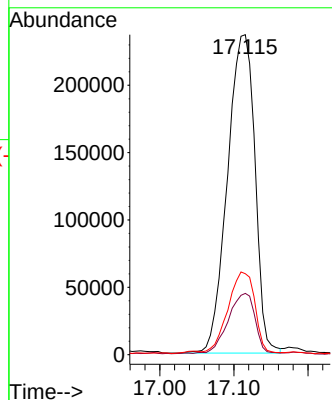
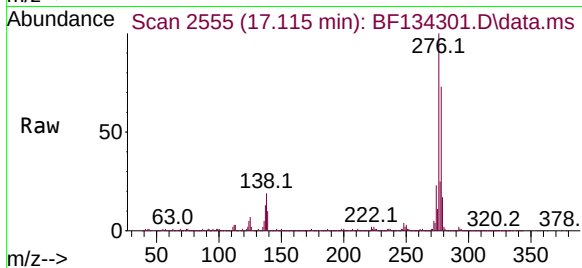
#87
Indeno(1,2,3-cd)pyrene
Concen: 57.414 ng
RT: 17.115 min Scan# 2115
Delta R.T. 0.018 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

Tgt Ion:276 Resp: 610020
Ion Ratio Lower Upper
276 100
138 18.6 18.7 28.1
277 25.2 19.9 29.9

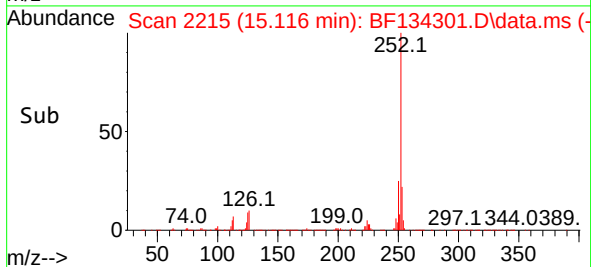
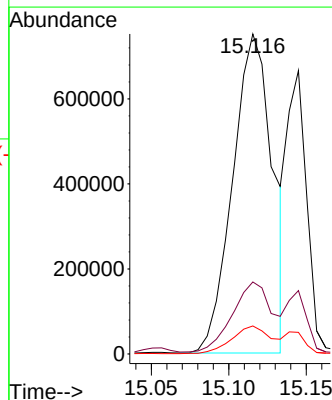
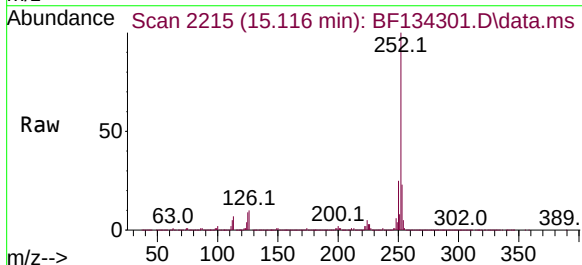
Manual Integrations
APPROVED

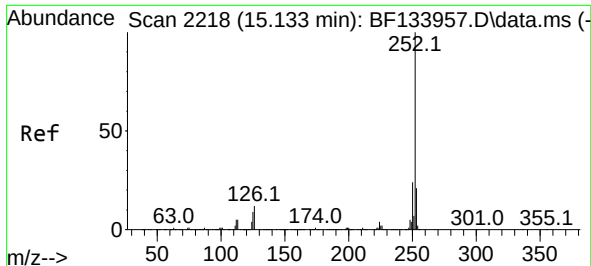
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#88
Benzo(b)fluoranthene
Concen: 148.867 ng
RT: 15.116 min Scan# 2215
Delta R.T. 0.012 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:252 Resp: 1340317
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 8.8 7.1 10.7





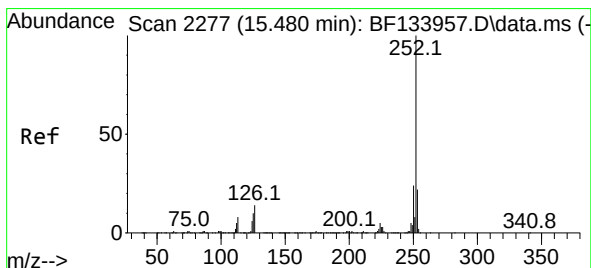
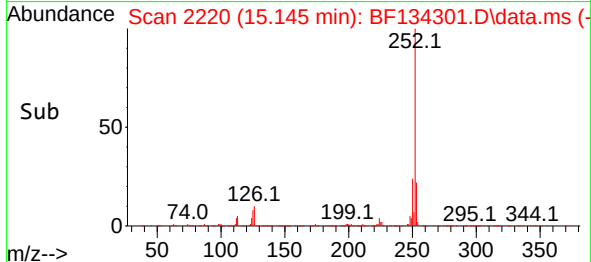
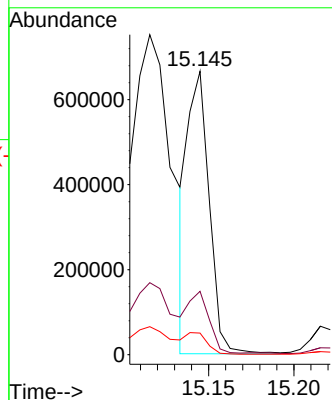
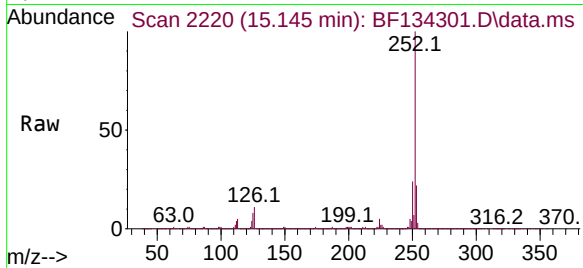
#89
Benzo(k)fluoranthene
Concen: 64.055 ng
RT: 15.145 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Instrument :
BNA_F
ClientSampleId :
VNJ-225MSD

Tgt Ion:252 Resp: 58718
Ion Ratio Lower Upper
252 100
253 22.3 16.9 25.3
125 7.6 7.4 11.2

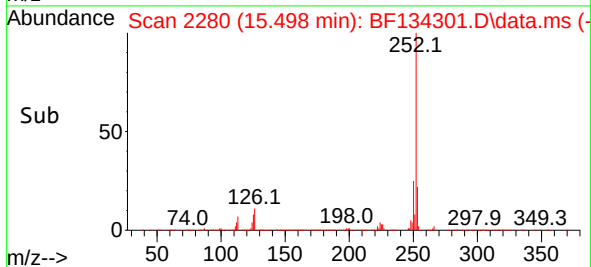
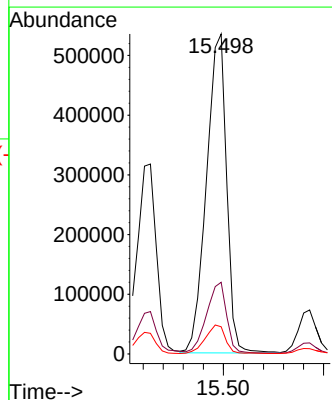
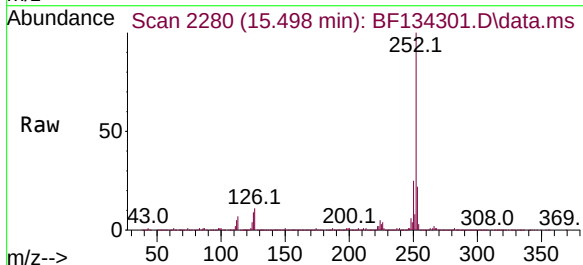
Manual Integrations
APPROVED

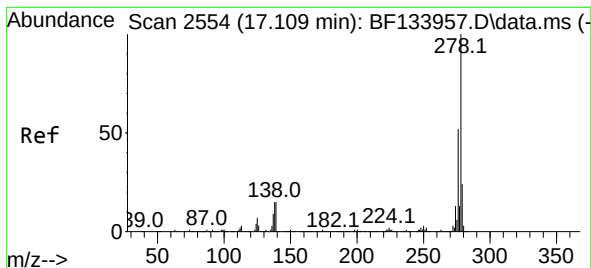
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#90
Benzo(a)pyrene
Concen: 85.856 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.018 min
Lab File: BF134301.D
Acq: 14 Jul 2023 21:19

Tgt Ion:252 Resp: 747481
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 8.5 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 43.278 ng

RT: 17.121 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Instrument :

BNA_F

ClientSampleId :

VNJ-225MSD

Tgt Ion:278 Resp: 37558

Ion Ratio Lower Upper

278 100

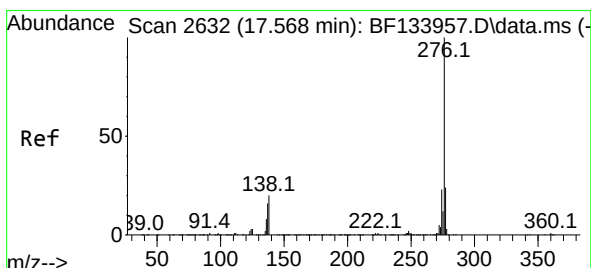
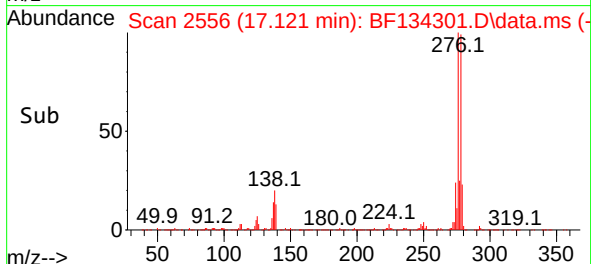
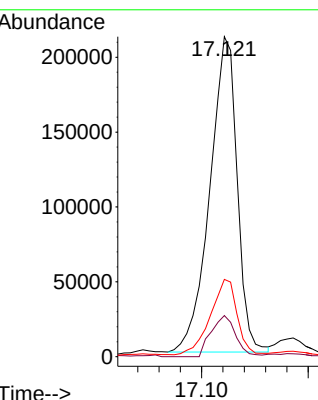
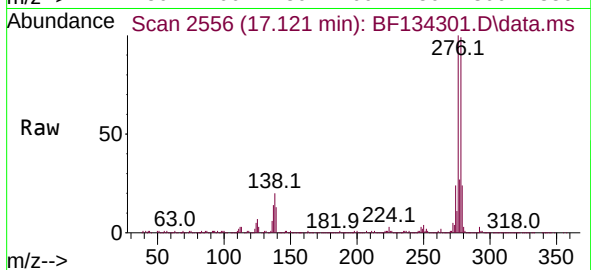
139 12.9 12.2 18.4

279 24.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/19/2023



#92

Benzo(g,h,i)perylene

Concen: 57.030 ng

RT: 17.586 min Scan# 2635

Delta R.T. 0.018 min

Lab File: BF134301.D

Acq: 14 Jul 2023 21:19

Tgt Ion:276 Resp: 510386

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.6

138 15.9 16.2 24.2#

