

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
 Data File : BF132635.D
 Acq On : 03 Mar 2023 18:38
 Operator : CG\JU
 Sample : 01770-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/06/2023
 Supervised By : Jagrut Upadhyay 03/06/2023

Quant Time: Mar 04 02:19:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	161135	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	526085	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	230901	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	396128	20.000	ng	0.00
76) Chrysene-d12	14.210	240	360370	20.000	ng	# 0.00
86) Perylene-d12	15.762	264	357732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1120886	112.897	ng	0.00
7) Phenol-d6	6.628	99	1373123	105.972	ng	0.00
23) Nitrobenzene-d5	7.569	82	872137	78.653	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	267467	107.260	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1230483	81.143	ng	0.00
79) Terphenyl-d14	13.133	244	1307440	61.341	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.928	88	255080	46.446	ng	97
3) Pyridine	3.687	79	654630	44.906	ng	94
4) n-Nitrosodimethylamine	3.651	42	248462	45.122	ng	88
6) Aniline	6.663	93	525555	30.139	ng	96
8) 2-Chlorophenol	6.787	128	498572	48.384	ng	97
9) Benzaldehyde	6.551	77	264845	37.879	ng	100
10) Phenol	6.645	94	645678	43.464	ng	92
11) bis(2-Chloroethyl)ether	6.734	93	556210	48.501	ng	95
12) 1,3-Dichlorobenzene	6.945	146	549556	49.698	ng	96
13) 1,4-Dichlorobenzene	7.022	146	547439	49.580	ng	98
14) 1,2-Dichlorobenzene	7.169	146	521020	49.168	ng	100
15) Benzyl Alcohol	7.139	79	441116	44.204	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.275	45	663373	45.361	ng	100
17) 2-Methylphenol	7.251	107	398853	41.474	ng	95
18) Hexachloroethane	7.516	117	203730	47.229	ng	95
19) n-Nitroso-di-n-propyla...	7.410	70	314341	39.418	ng	94
20) 3+4-Methylphenols	7.404	107	456882	36.773	ng	95
22) Acetophenone	7.410	105	625418	47.146	ng	# 88
24) Nitrobenzene	7.586	77	544117	45.882	ng	99
25) Isophorone	7.822	82	949157	44.647	ng	99
26) 2-Nitrophenol	7.904	139	253946	48.534	ng	89
27) 2,4-Dimethylphenol	7.933	122	393710	47.675	ng	99
28) bis(2-Chloroethoxy)met...	8.028	93	585495	47.080	ng	99
29) 2,4-Dichlorophenol	8.145	162	371301	45.199	ng	99
30) 1,2,4-Trichlorobenzene	8.228	180	437687	49.067	ng	97
31) Naphthalene	8.310	128	1275187	47.348	ng	99
32) Benzoic acid	8.039	122	240510	37.841	ng	93
33) 4-Chloroaniline	8.357	127	209457	18.149	ng	# 92
34) Hexachlorobutadiene	8.422	225	277444	48.946	ng	99
35) Caprolactam	8.722	113	116145m	42.886	ng	
36) 4-Chloro-3-methylphenol	8.833	107	362475	40.178	ng	98
37) 2-Methylnaphthalene	9.004	142	790552	43.072	ng	100
38) 1-Methylnaphthalene	9.104	142	720219	41.989	ng	100
40) 1,2,4,5-Tetrachloroben...	9.169	216	403028	53.349	ng	99
41) Hexachlorocyclopentadiene	9.151	237	176551	43.087	ng	99
43) 2,4,6-Trichlorophenol	9.280	196	252685	49.356	ng	100

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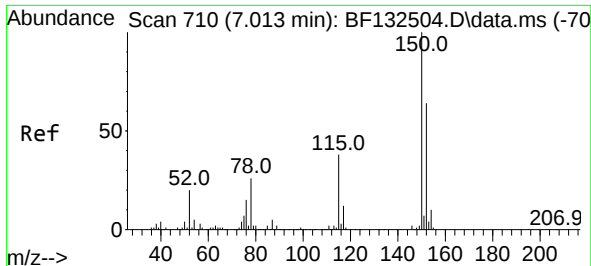
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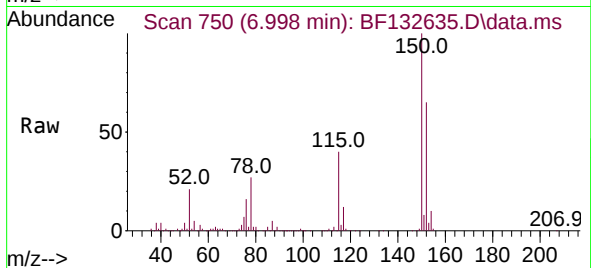
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.322	196	257264	43.054	ng	95
46) 1,1'-Biphenyl	9.463	154	899590	51.474	ng	99
47) 2-Chloronaphthalene	9.492	162	706520	50.990	ng	99
48) 2-Nitroaniline	9.586	65	221718	43.446	ng	94
49) Acenaphthylene	9.910	152	1082715	49.097	ng	100
50) Dimethylphthalate	9.763	163	818576	48.689	ng	100
51) 2,6-Dinitrotoluene	9.827	165	178929	46.732	ng	92
52) Acenaphthene	10.086	154	714183	51.002	ng	99
53) 3-Nitroaniline	9.998	138	149567	34.920	ng	96
54) 2,4-Dinitrophenol	10.110	184	83985	35.850	ng	90
55) Dibenzofuran	10.257	168	1000276	48.999	ng	98
56) 4-Nitrophenol	10.163	139	272319	85.255	ng	91
57) 2,4-Dinitrotoluene	10.233	165	225337	44.237	ng	97
58) Fluorene	10.604	166	783924	50.204	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.374	232	200673	45.210	ng	97
60) Diethylphthalate	10.463	149	753457	45.887	ng	100
61) 4-Chlorophenyl-phenyle...	10.586	204	362870	44.796	ng	98
62) 4-Nitroaniline	10.616	138	147240	35.021	ng	91
63) Azobenzene	10.751	77	755610	43.451	ng	97
65) 4,6-Dinitro-2-methylph...	10.645	198	60968	22.736	ng	95
66) n-Nitrosodiphenylamine	10.710	169	614154	49.731	ng	100
67) 4-Bromophenyl-phenylether	11.080	248	216744	48.371	ng	99
68) Hexachlorobenzene	11.151	284	238115	50.503	ng	# 94
69) Atrazine	11.233	200	197354	51.189	ng	100
70) Pentachlorophenol	11.351	266	263785	94.035	ng	98
71) Phenanthrene	11.574	178	1550854	75.573	ng	99
72) Anthracene	11.621	178	1148551	54.350	ng	99
73) Carbazole	11.780	167	979007	51.384	ng	99
74) Di-n-butylphthalate	12.098	149	1098261	49.141	ng	99
75) Fluoranthene	12.774	202	1917862	85.489	ng	98
77) Benzidine	12.892	184	633504	72.215	ng	99
78) Pyrene	13.004	202	1870251	57.083	ng	100
80) Butylbenzylphthalate	13.610	149	550274	42.560	ng	98
81) Benzo(a)anthracene	14.204	228	1647625	61.105	ng	95
82) 3,3'-Dichlorobenzidine	14.157	252	404570	50.893	ng	99
83) Chrysene	14.239	228	1560804	61.901	ng	99
84) Bis(2-ethylhexyl)phtha...	14.168	149	737072	46.406	ng	98
85) Di-n-octyl phthalate	14.798	149	1390726	59.919	ng	98
87) Indeno(1,2,3-cd)pyrene	17.374	276	1082134	46.166	ng	100
88) Benzo(b)fluoranthene	15.304	252	1755163	73.213	ng	98
89) Benzo(k)fluoranthene	15.333	252	1195300	50.945	ng	98
90) Benzo(a)pyrene	15.704	252	1279533	57.027	ng	99
91) Dibenzo(a,h)anthracene	17.386	278	804919	42.146	ng	97
92) Benzo(g,h,i)perylene	17.862	276	861780	40.200	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

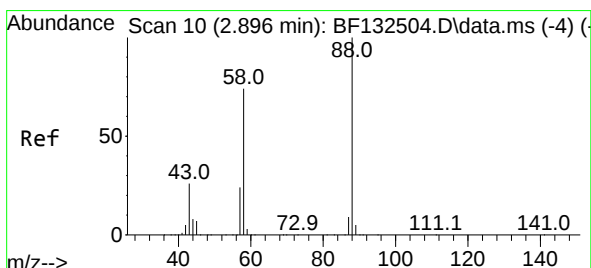
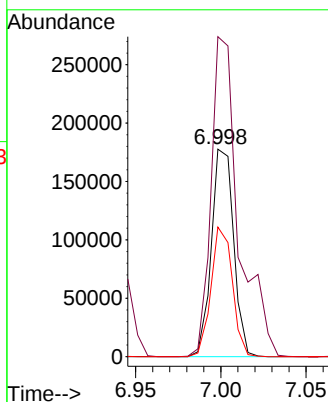
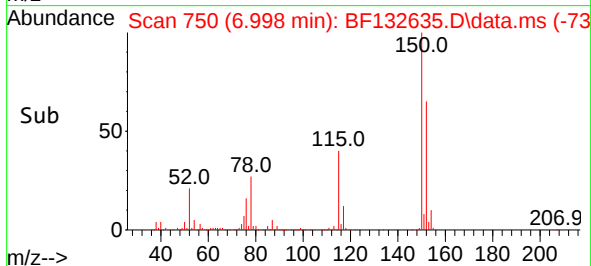
Instrument :
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ClientSampleId :
VNJ-223MSD



Tgt Ion: 152 Resp: 161135
Ion Ratio Lower Upper
152 100
150 154.2 125.4 188.2
115 62.4 47.8 71.6

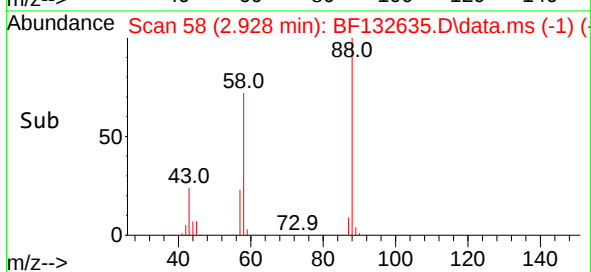
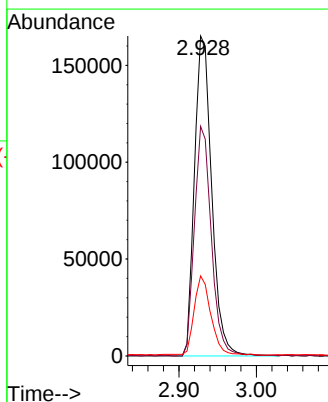
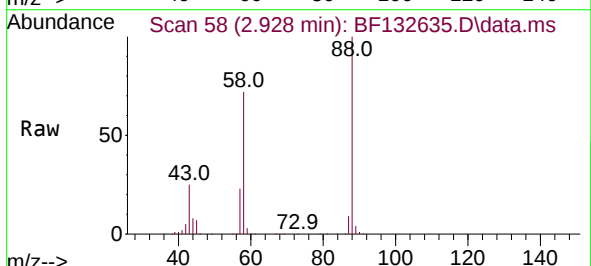
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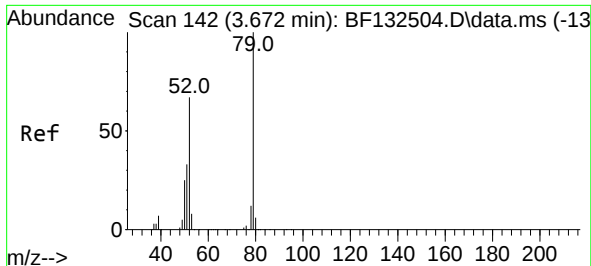
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#2
1,4-Dioxane
Concen: 46.446 ng
RT: 2.928 min Scan# 58
Delta R.T. 0.044 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

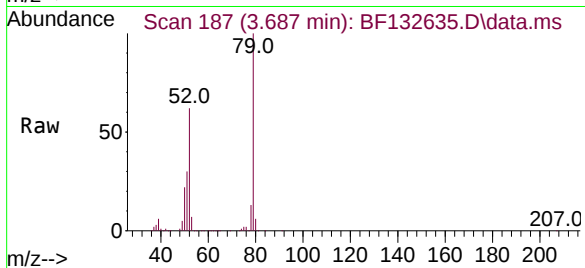
Tgt Ion: 88 Resp: 255080
Ion Ratio Lower Upper
88 100
58 70.3 58.3 87.5
43 24.2 20.7 31.1





#3
Pyridine
Concen: 44.906 ng
RT: 3.687 min Scan# 181
Delta R.T. 0.032 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

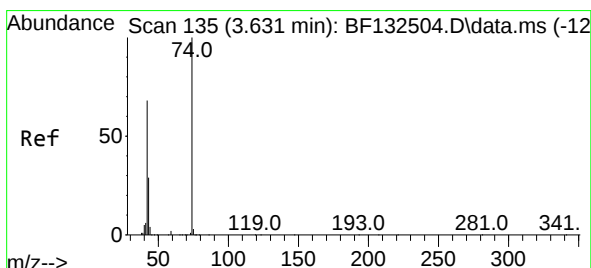
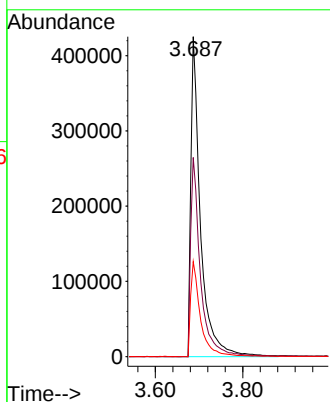
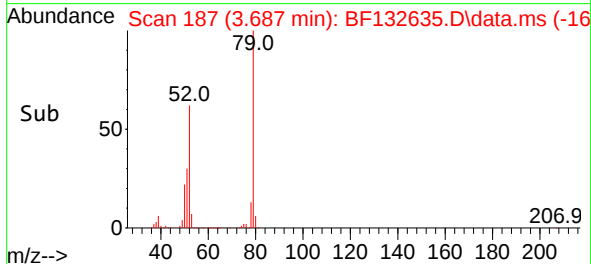
Instrument :
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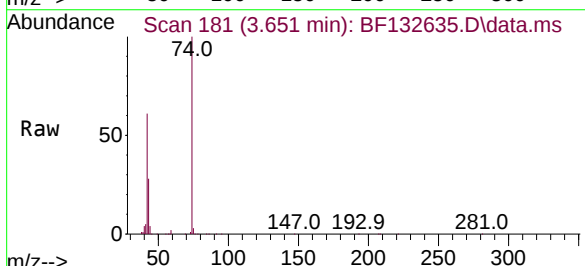
Tgt Ion: 79 Resp: 654636
Ion Ratio Lower Upper
79 100
52 62.2 53.7 80.5
51 29.7 26.6 40.0

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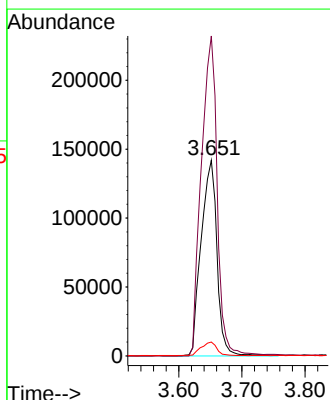
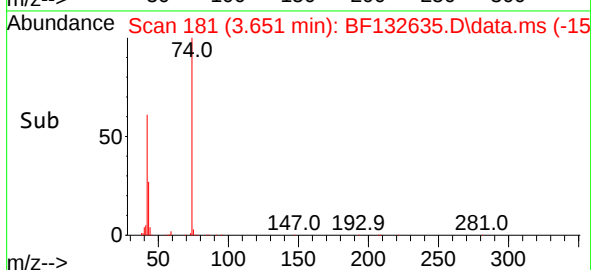
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#4
n-Nitrosodimethylamine
Concen: 45.122 ng
RT: 3.651 min Scan# 181
Delta R.T. 0.026 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



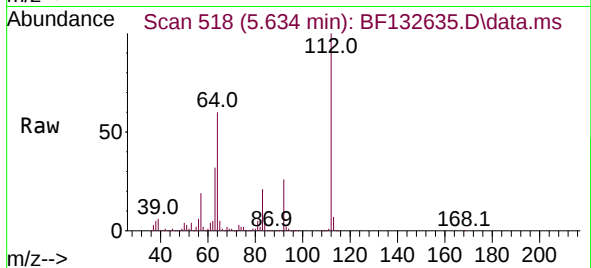
Tgt Ion: 42 Resp: 248462
Ion Ratio Lower Upper
42 100
74 163.6 118.2 177.2
44 7.0 5.3 7.9





#5
2-Fluorophenol
Concen: 112.897 ng
RT: 5.634 min Scan# 511
Delta R.T. 0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

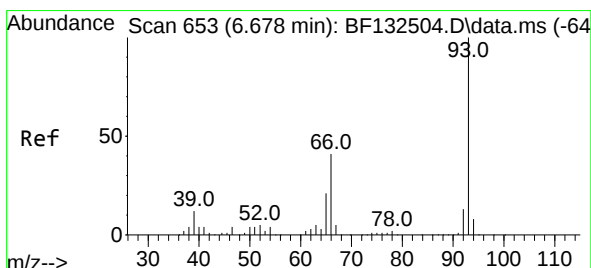
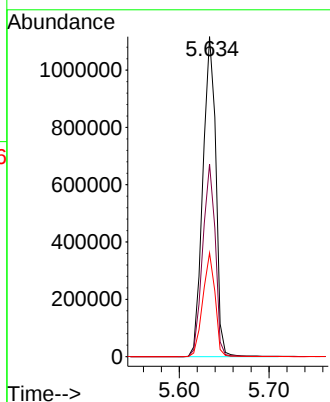
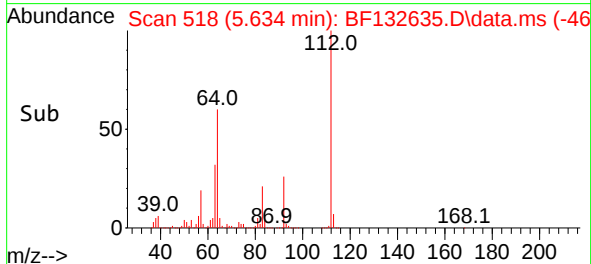
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



Tgt Ion: 112 Resp: 1120886
Ion Ratio Lower Upper
112 100
64 60.2 51.6 77.4
63 32.4 27.4 41.2

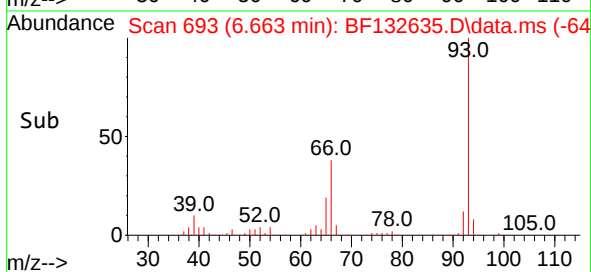
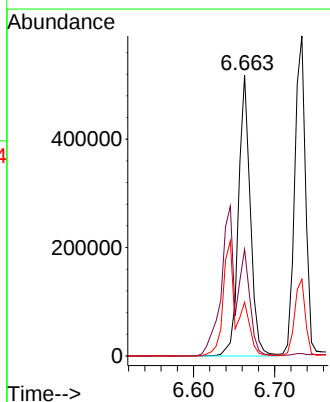
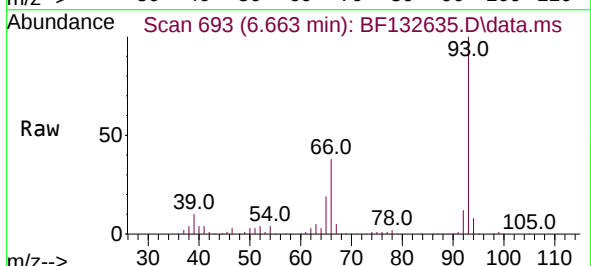
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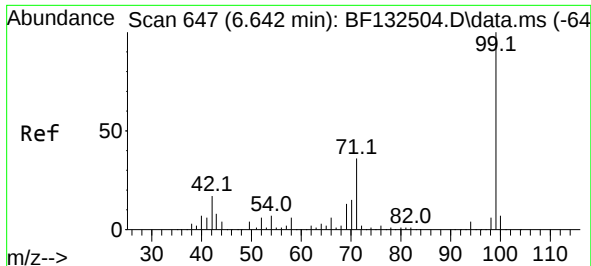
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#6
Aniline
Concen: 30.139 ng
RT: 6.663 min Scan# 693
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

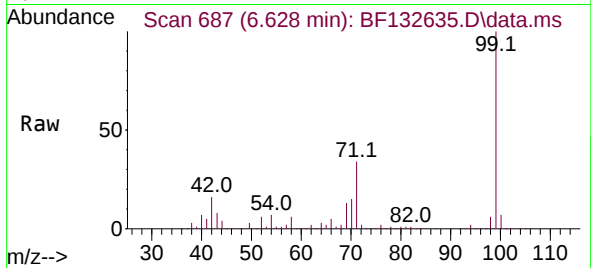
Tgt Ion: 93 Resp: 525555
Ion Ratio Lower Upper
93 100
66 37.9 32.5 48.7
65 19.1 16.6 24.8





#7
Phenol-d6
Concen: 105.972 ng
RT: 6.628 min Scan# 687
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

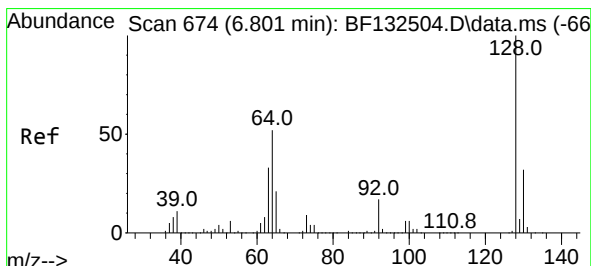
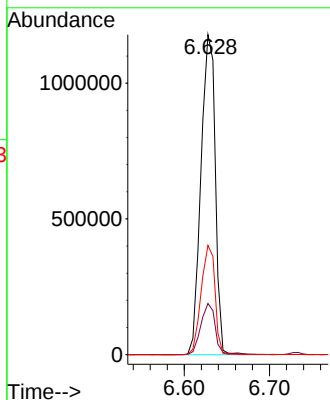
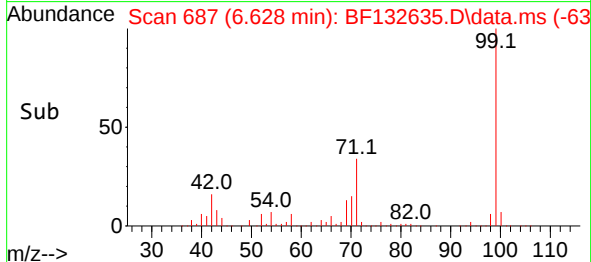
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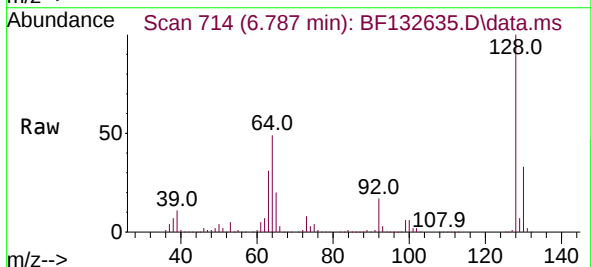
Tgt Ion: 99 Resp: 1373123
Ion Ratio Lower Upper
99 100
42 16.0 13.9 20.9
71 34.1 28.5 42.7

Manual Integrations
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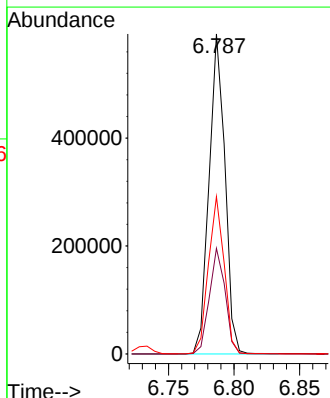
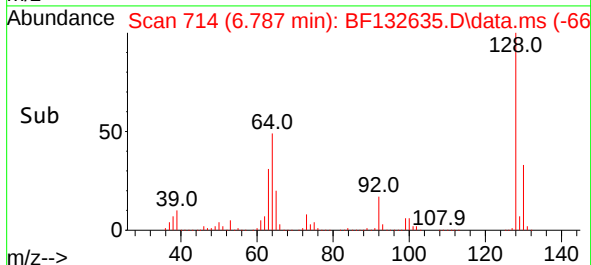
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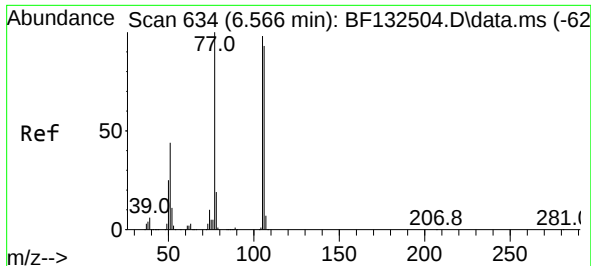


#8
2-Chlorophenol
Concen: 48.384 ng
RT: 6.787 min Scan# 714
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



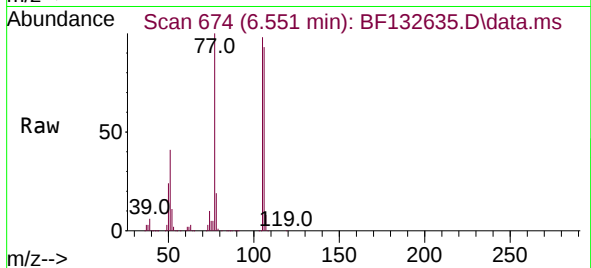
Tgt Ion:128 Resp: 498572
Ion Ratio Lower Upper
128 100
130 33.0 12.1 52.1
64 49.1 32.0 72.0





#9
Benzaldehyde
Concen: 37.879 ng
RT: 6.551 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

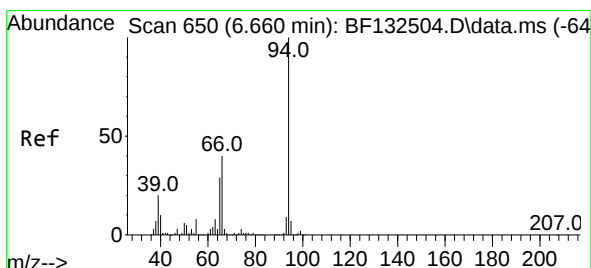
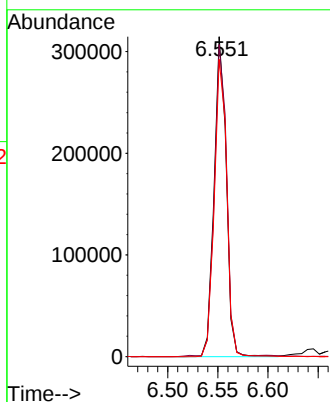
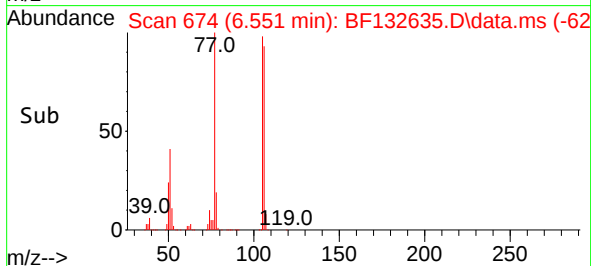
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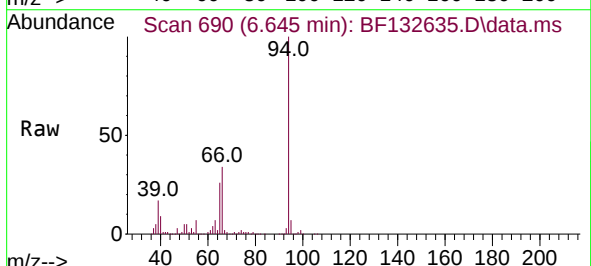
Tgt Ion: 77 Resp: 264845
Ion Ratio Lower Upper
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105 97.5 77.9 117.9
106 92.9 73.4 113.4

Manual Integrations
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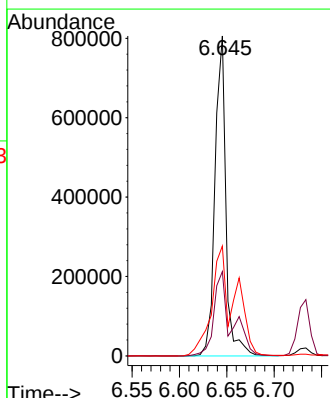
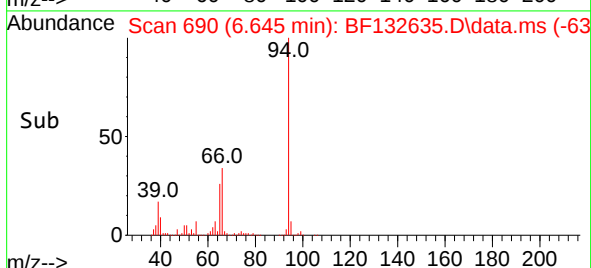
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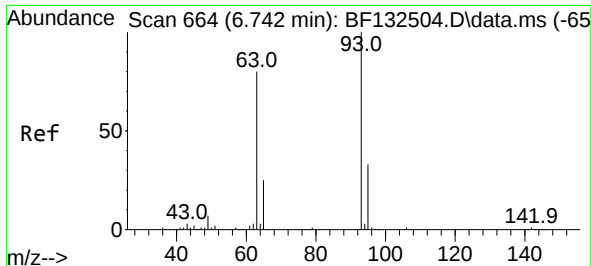


#10
Phenol
Concen: 43.464 ng
RT: 6.645 min Scan# 690
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



Tgt Ion: 94 Resp: 645678
Ion Ratio Lower Upper
94 100
65 26.3 9.4 49.4
66 34.3 19.8 59.8





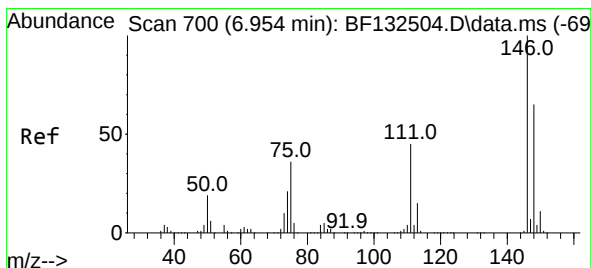
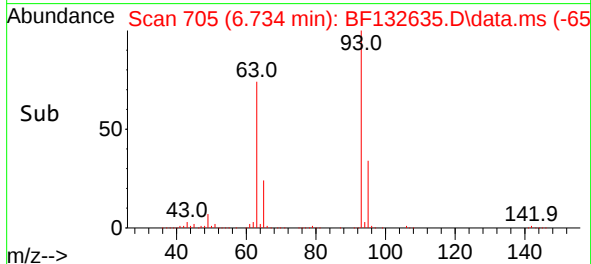
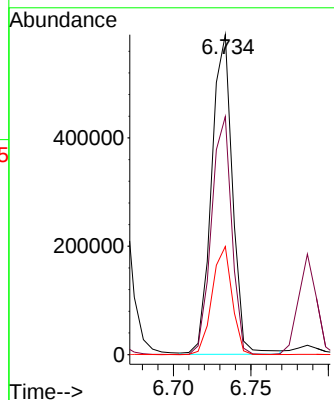
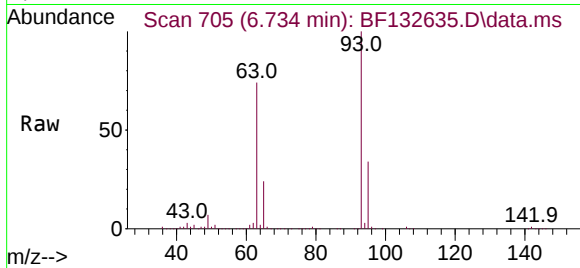
#11
bis(2-Chloroethyl)ether
Concen: 48.501 ng
RT: 6.734 min Scan# 705
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Instrument :
BNA_F
Client Sample Id :
VNJ-223MSD

Tgt Ion: 93 Resp: 556210
Ion Ratio Lower Upper
93 100
63 74.4 59.6 99.6
95 33.8 12.8 52.8

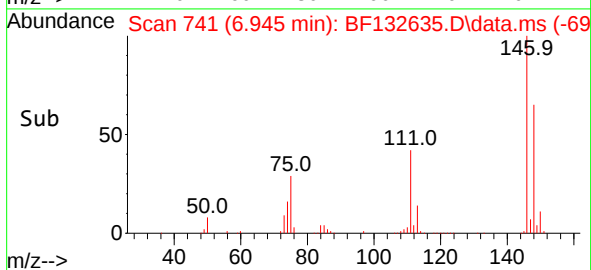
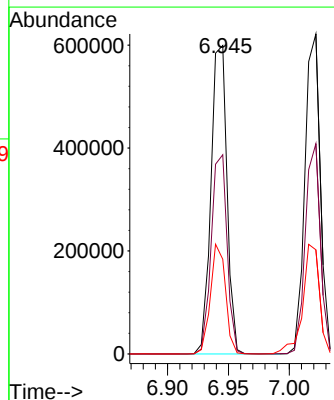
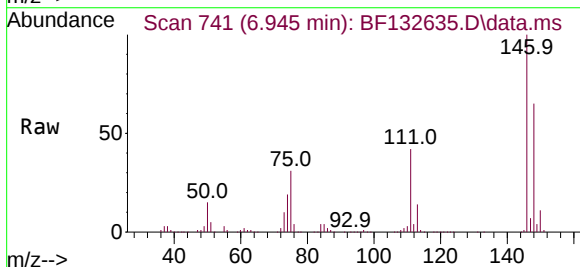
Manual Integrations
APPROVED

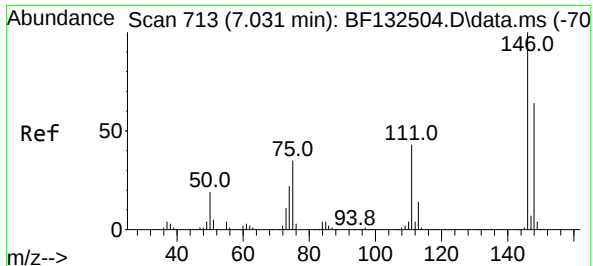
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#12
1,3-Dichlorobenzene
Concen: 49.698 ng
RT: 6.945 min Scan# 741
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:146 Resp: 549556
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 30.7 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 49.580 ng

RT: 7.022 min Scan# 713

Delta R.T. -0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

Tgt Ion:146 Resp: 547439

Ion Ratio Lower Upper

146 100

148 65.7 51.1 76.7

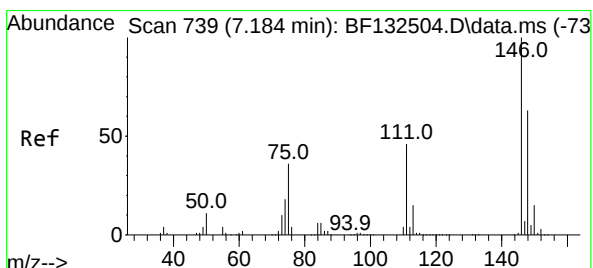
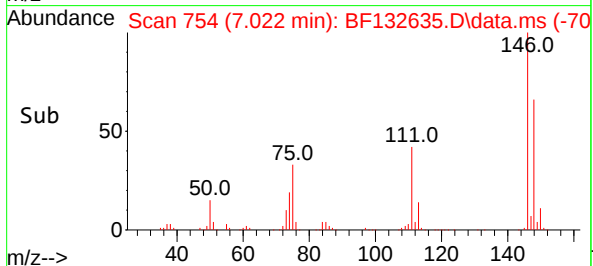
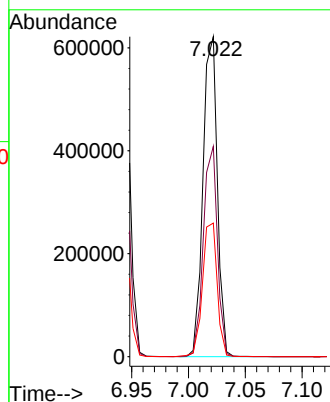
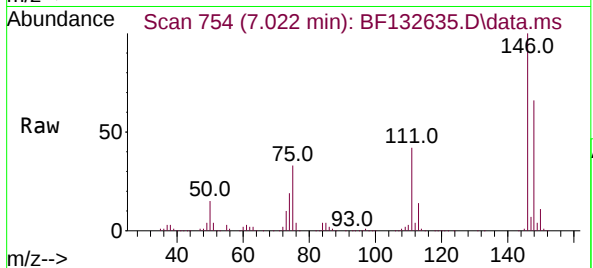
111 41.7 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#14

1,2-Dichlorobenzene

Concen: 49.168 ng

RT: 7.169 min Scan# 779

Delta R.T. -0.009 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

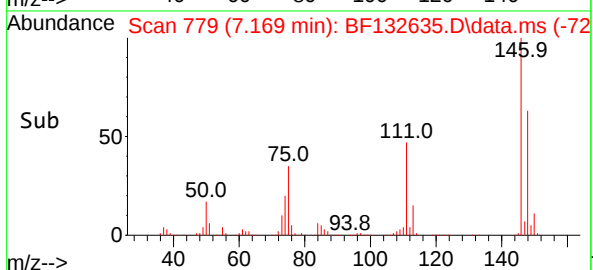
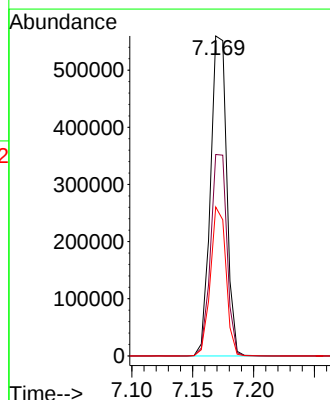
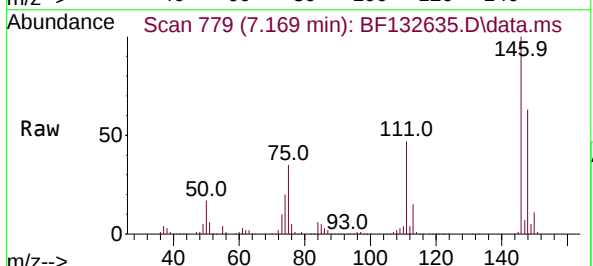
Tgt Ion:146 Resp: 521020

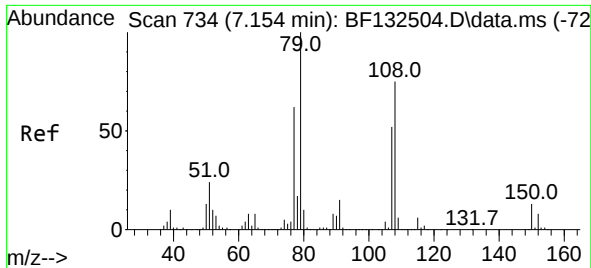
Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

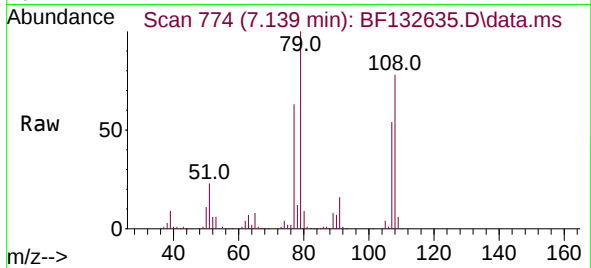
111 46.5 37.2 55.8





#15
Benzyl Alcohol
Concen: 44.204 ng
RT: 7.139 min Scan# 71
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

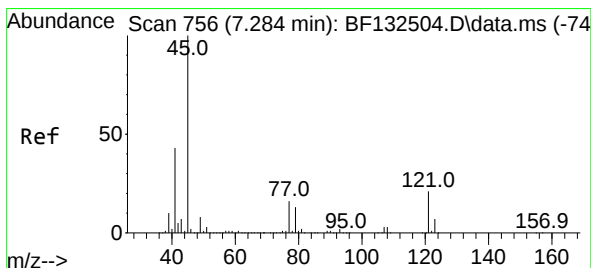
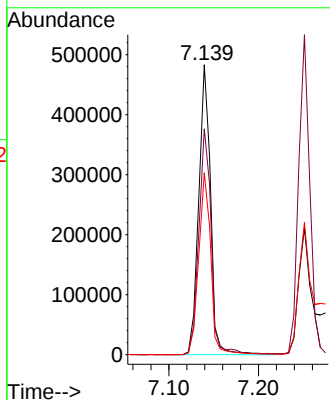
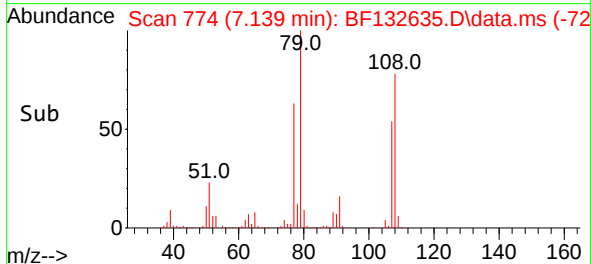
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



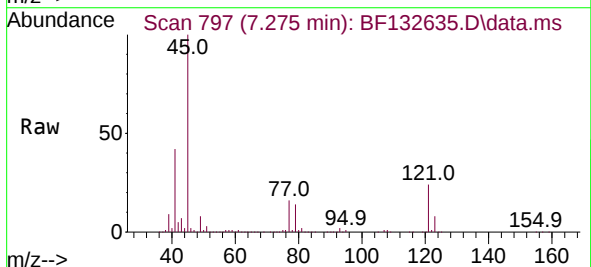
Tgt Ion: 79 Resp: 441116
Ion Ratio Lower Upper
79 100
108 77.9 60.2 90.4
77 62.7 49.9 74.9

Manual Integrations
APPROVED

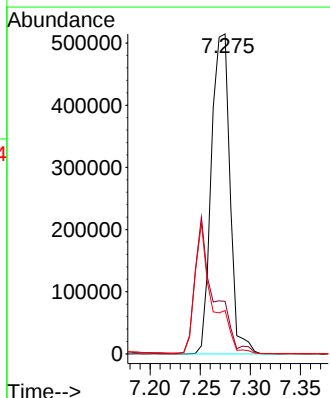
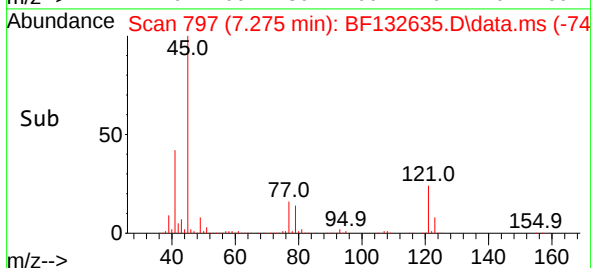
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

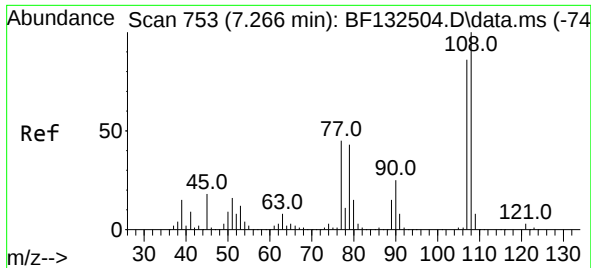


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.361 ng
RT: 7.275 min Scan# 797
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



Tgt Ion: 45 Resp: 663373
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.4
79 13.5 0.0 33.4





#17
2-Methylphenol
Concen: 41.474 ng
RT: 7.251 min Scan# 793
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

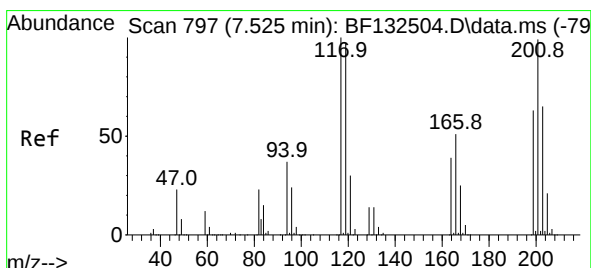
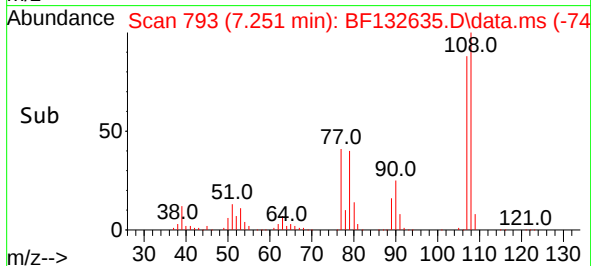
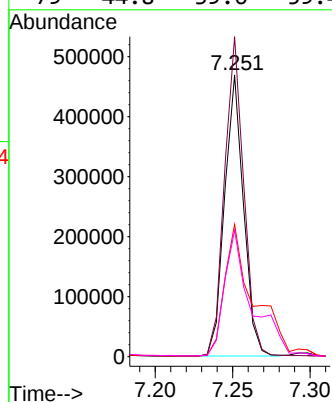
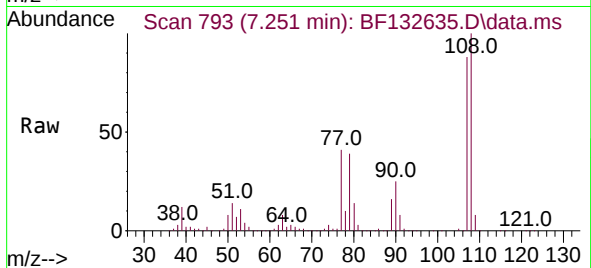
VNJ-223MSD

Tgt Ion:107 Resp: 398853
Ion Ratio Lower Upper
107 100
108 113.6 93.0 139.4
77 46.9 42.1 63.1
79 44.8 39.6 59.4

Manual Integrations

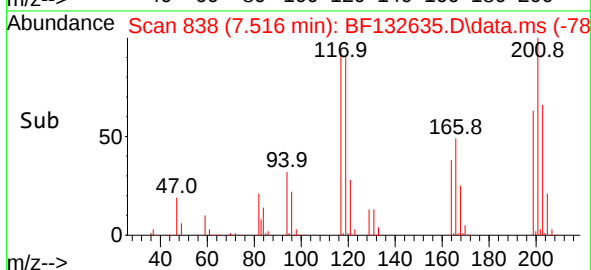
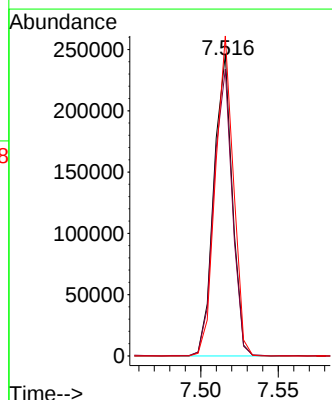
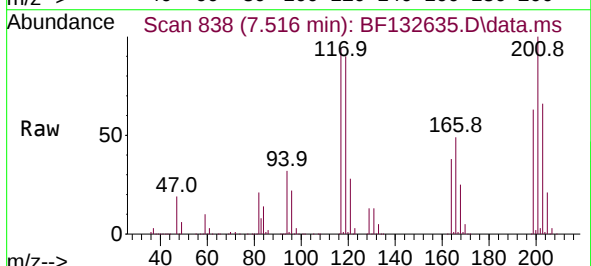
APPROVED

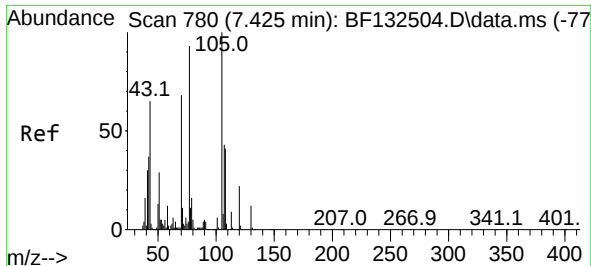
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#18
Hexachloroethane
Concen: 47.229 ng
RT: 7.516 min Scan# 838
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:117 Resp: 203730
Ion Ratio Lower Upper
117 100
119 95.2 78.0 117.0
201 106.2 79.0 118.4





#19

n-Nitroso-di-n-propylamine

Concen: 39.418 ng

RT: 7.410 min Scan# 819

Delta R.T. -0.009 min

Lab File: BF132635.D

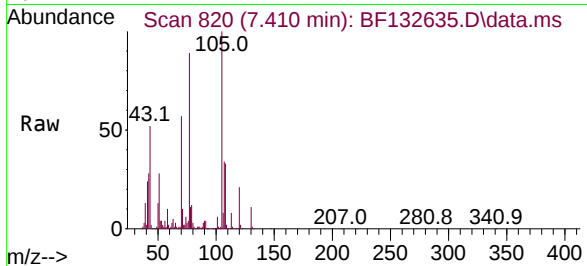
Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD



Tgt Ion: 70 Resp: 31434

Ion Ratio Lower Upper

70 100

42 49.6 44.1 66.1

101 9.7 7.4 11.2

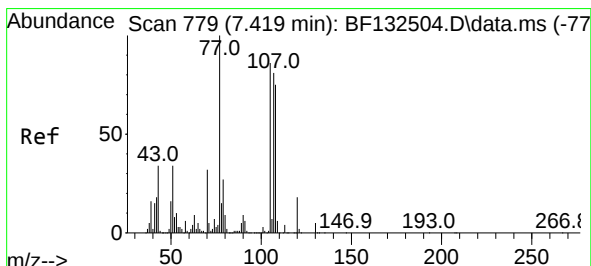
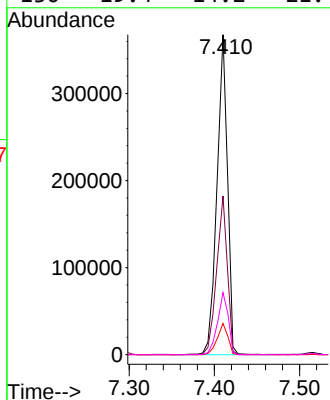
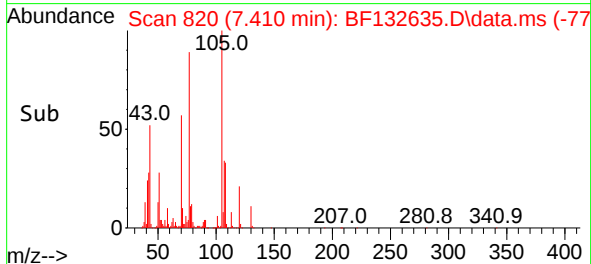
130 19.4 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#20

3+4-Methylphenols

Concen: 36.773 ng

RT: 7.404 min Scan# 819

Delta R.T. -0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Tgt Ion:107 Resp: 456882

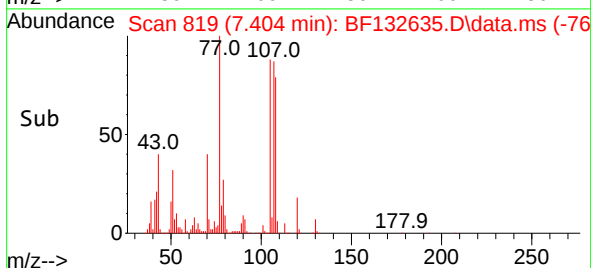
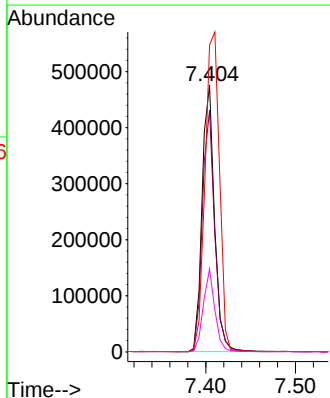
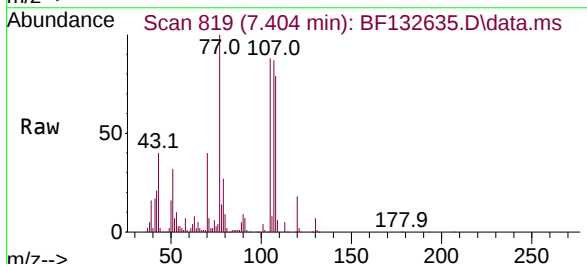
Ion Ratio Lower Upper

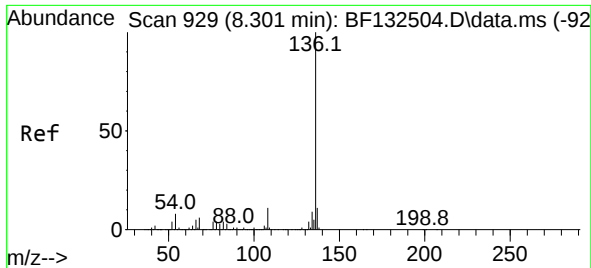
107 100

108 90.7 72.6 112.6

77 115.1 104.0 144.0

79 31.1 14.1 54.1





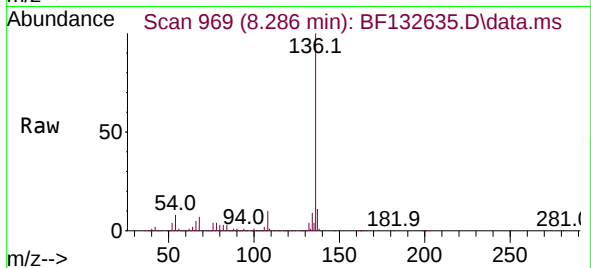
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 90
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

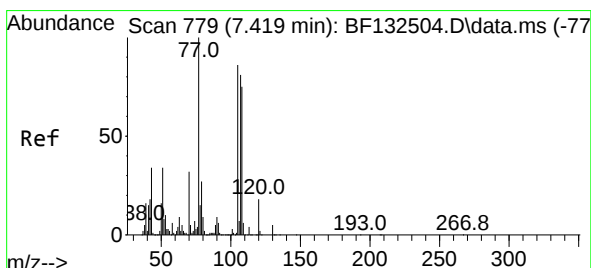
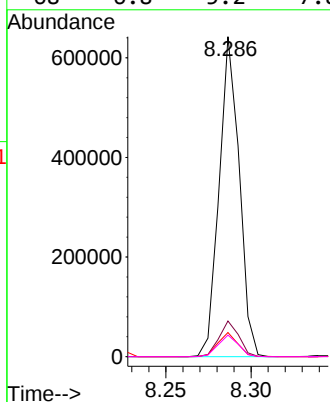
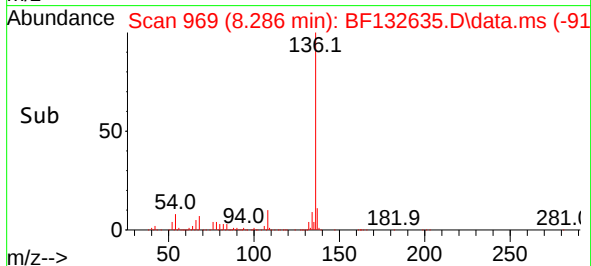


Tgt Ion:136 Resp: 526085
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.5 6.2 9.4
68 6.8 5.2 7.8

Manual Integrations

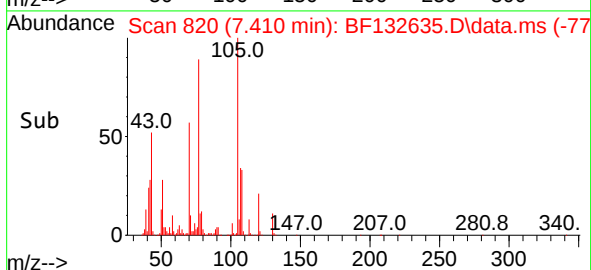
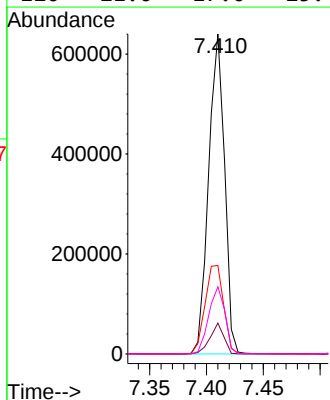
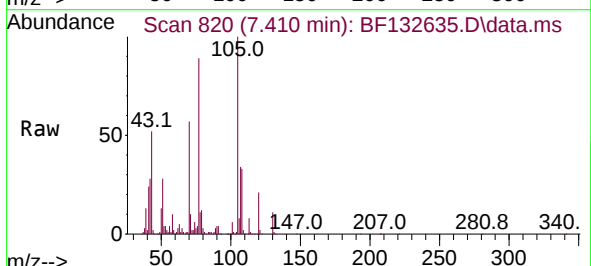
APPROVED

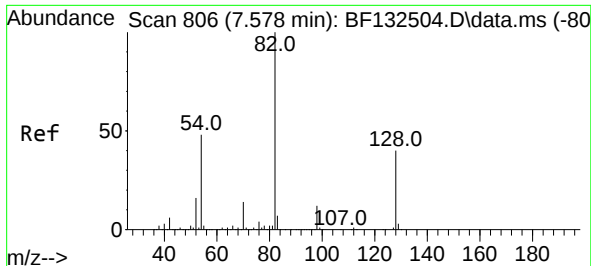
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#22
Acetophenone
Concen: 47.146 ng
RT: 7.410 min Scan# 820
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:105 Resp: 625418
Ion Ratio Lower Upper
105 100
71 9.6 5.0 7.4#
51 27.6 31.5 47.3#
120 21.0 17.0 25.4





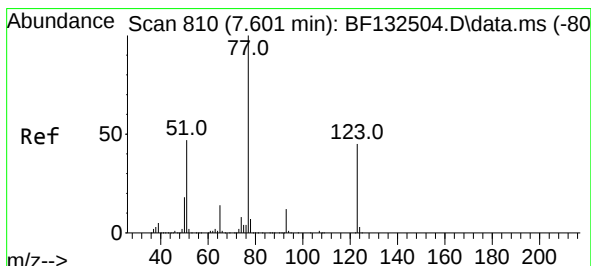
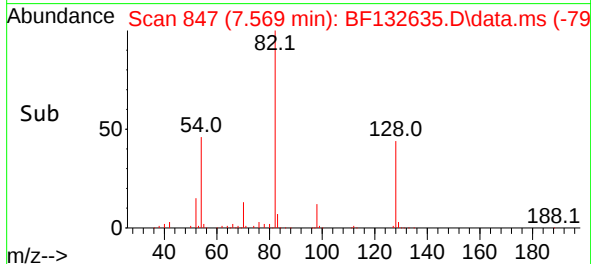
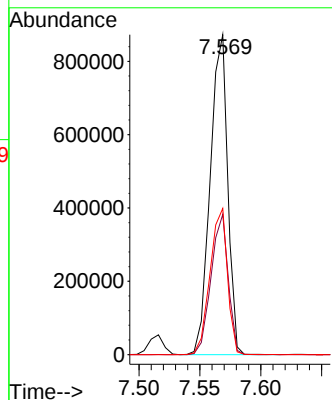
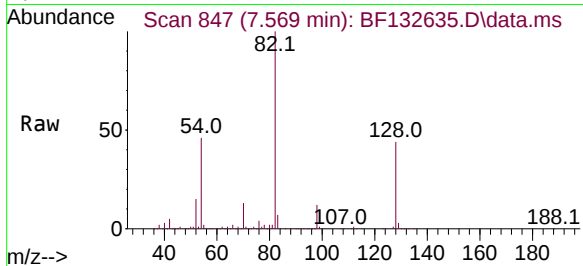
#23
Nitrobenzene-d5
Concen: 78.653 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

Tgt Ion: 82 Resp: 872137
Ion Ratio Lower Upper
82 100
128 43.8 32.2 48.2
54 45.7 38.4 57.6

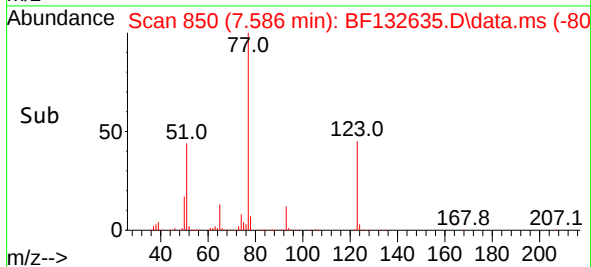
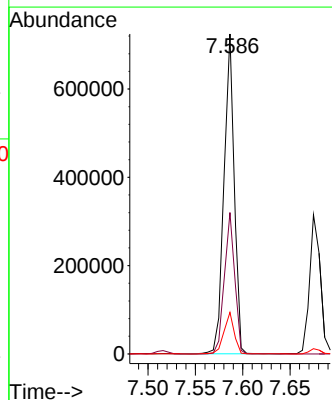
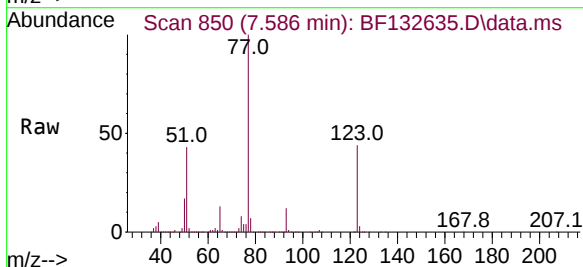
Manual Integrations
APPROVED

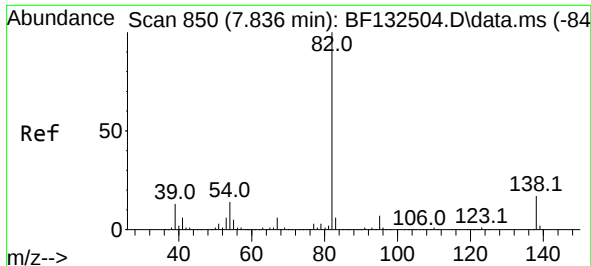
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#24
Nitrobenzene
Concen: 45.882 ng
RT: 7.586 min Scan# 850
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

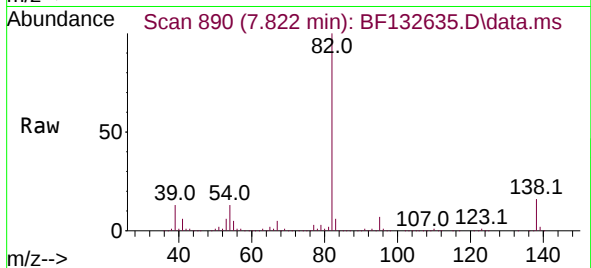
Tgt Ion: 77 Resp: 544117
Ion Ratio Lower Upper
77 100
123 44.2 35.8 53.6
65 13.0 10.9 16.3





#25
Isophorone
Concen: 44.647 ng
RT: 7.822 min Scan# 89
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

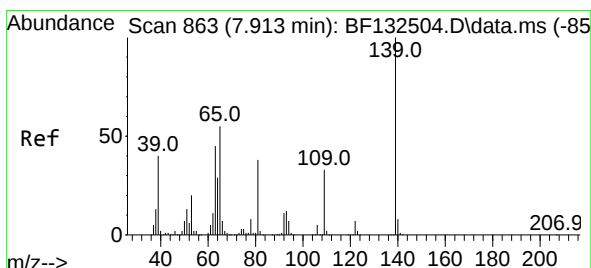
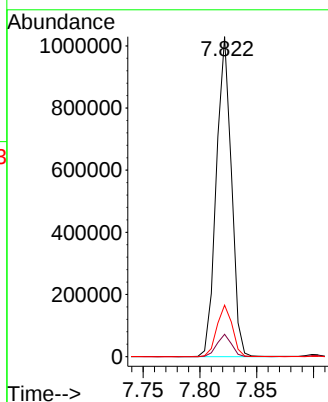
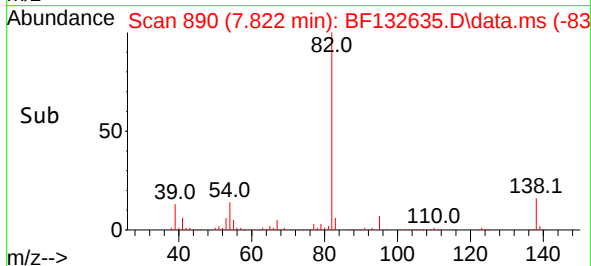
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



Tgt Ion: 82 Resp: 949152
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 16.1 13.3 19.9

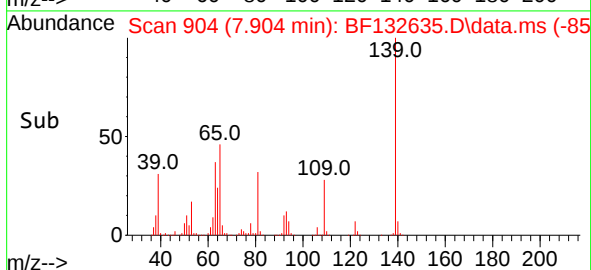
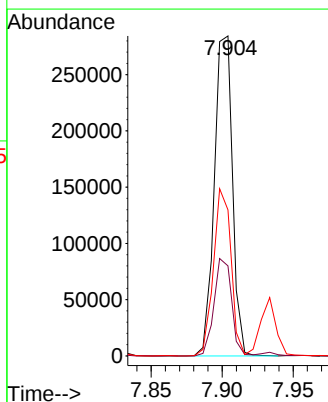
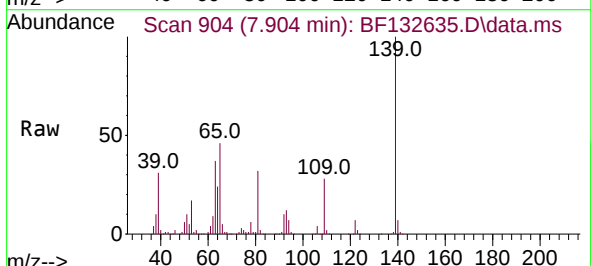
Manual Integrations
APPROVED

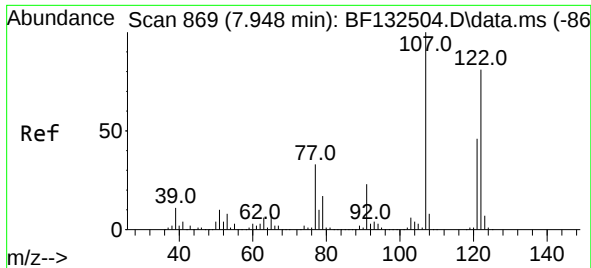
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#26
2-Nitrophenol
Concen: 48.534 ng
RT: 7.904 min Scan# 904
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:139 Resp: 253946
Ion Ratio Lower Upper
139 100
109 28.1 26.2 39.2
65 45.6 43.8 65.8





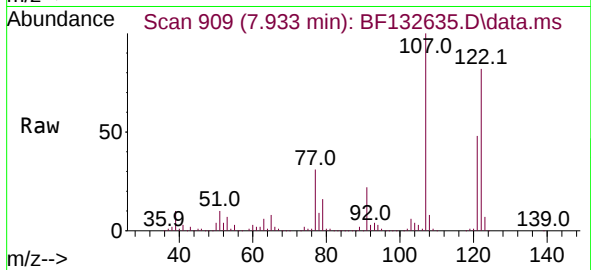
#27
2,4-Dimethylphenol
Concen: 47.675 ng
RT: 7.933 min Scan# 909
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

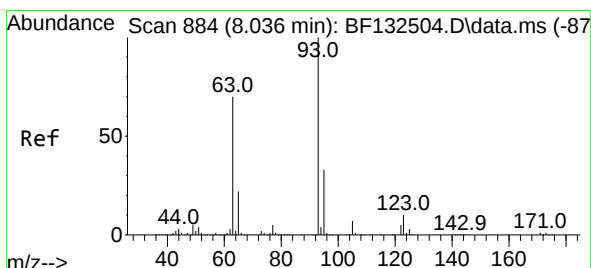
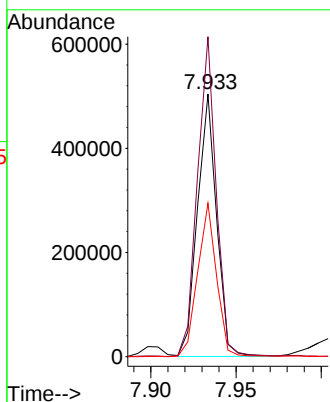
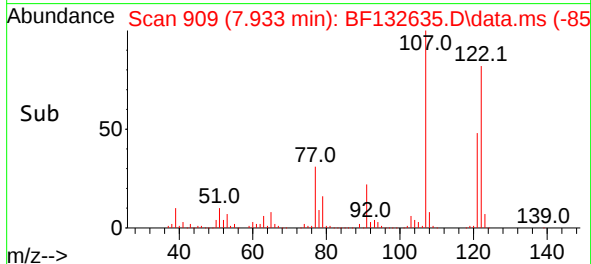
VNJ-223MSD



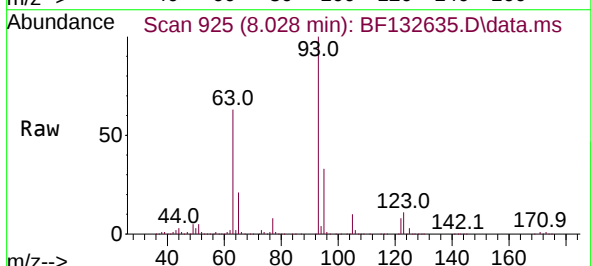
Tgt Ion:122 Resp: 393716
Ion Ratio Lower Upper
122 100
107 121.9 98.7 148.1
121 58.4 45.8 68.6

Manual Integrations
APPROVED

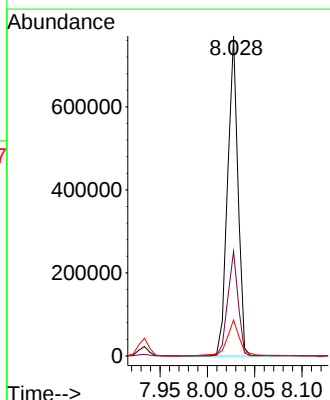
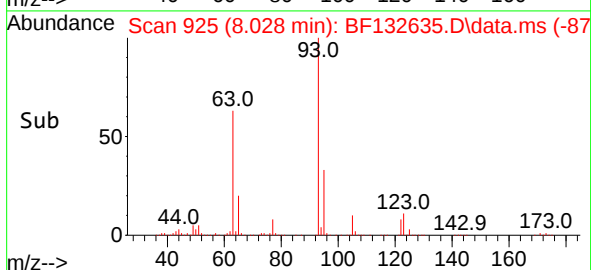
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#28
bis(2-Chloroethoxy)methane
Concen: 47.080 ng
RT: 8.028 min Scan# 925
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



Tgt Ion: 93 Resp: 585495
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 11.2 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 45.199 ng

RT: 8.145 min Scan# 945

Delta R.T. -0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

Tgt Ion:162 Resp: 371301

Ion Ratio Lower Upper

162 100

164 64.8 45.3 85.3

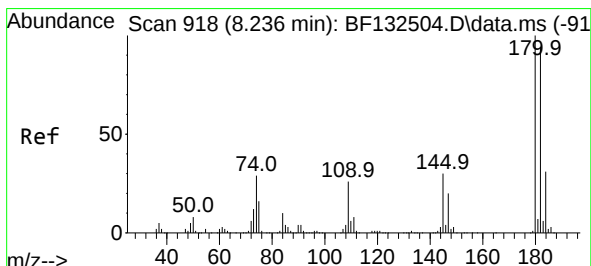
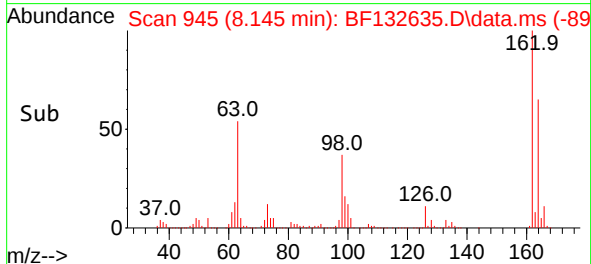
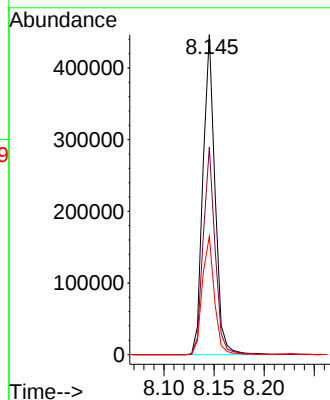
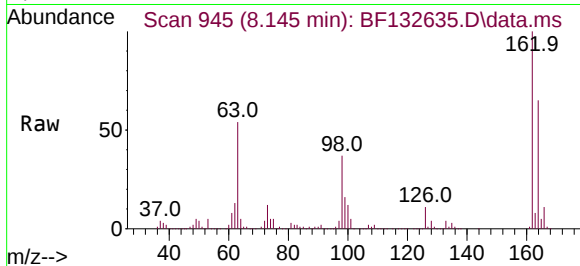
98 36.9 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.067 ng

RT: 8.228 min Scan# 959

Delta R.T. -0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

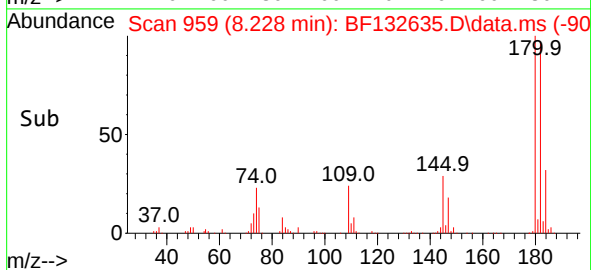
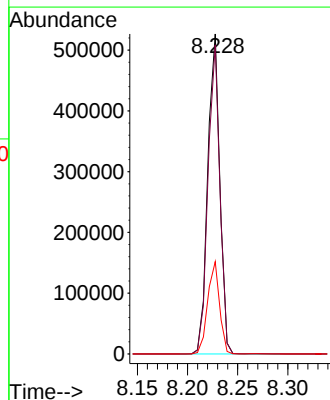
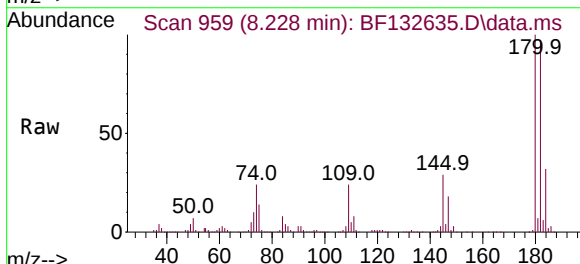
Tgt Ion:180 Resp: 437687

Ion Ratio Lower Upper

180 100

182 96.6 75.1 112.7

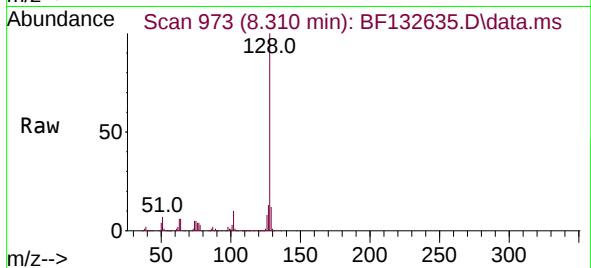
145 28.8 23.8 35.6





#31
Naphthalene
Concen: 47.348 ng
RT: 8.310 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

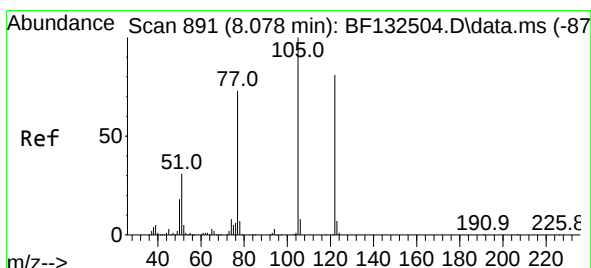
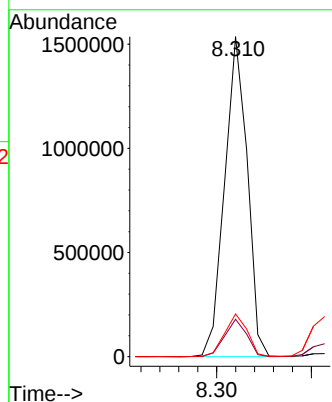
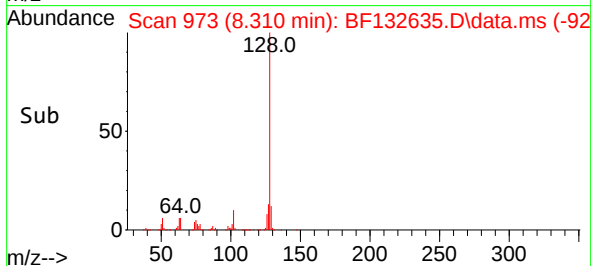
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



Tgt Ion:128 Resp: 127518
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.3 11.0 16.6

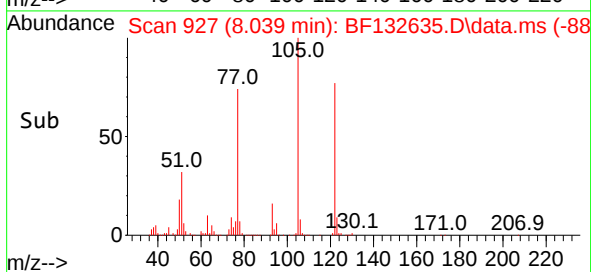
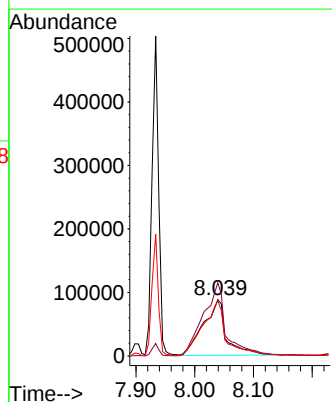
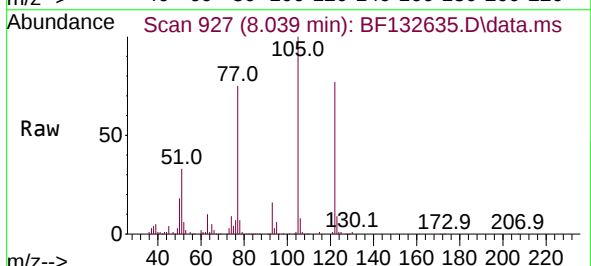
Manual Integrations
APPROVED

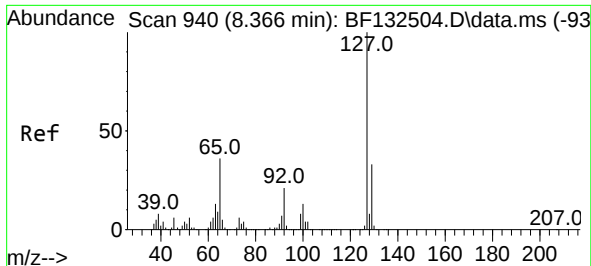
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#32
Benzoic acid
Concen: 37.841 ng
RT: 8.039 min Scan# 927
Delta R.T. -0.026 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:122 Resp: 240510
Ion Ratio Lower Upper
122 100
105 129.8 102.6 142.6
77 98.0 70.2 110.2





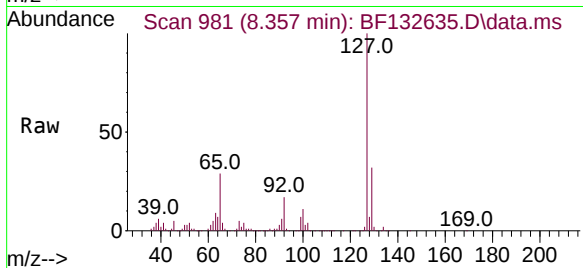
#33
4-Chloroaniline
Concen: 18.149 ng
RT: 8.357 min Scan# 981
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

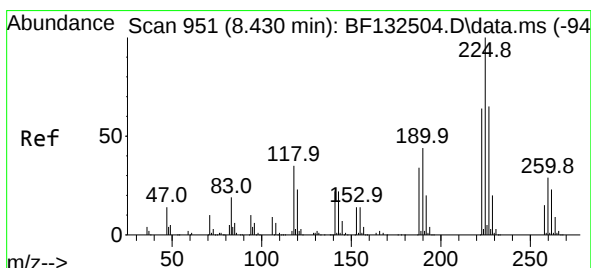
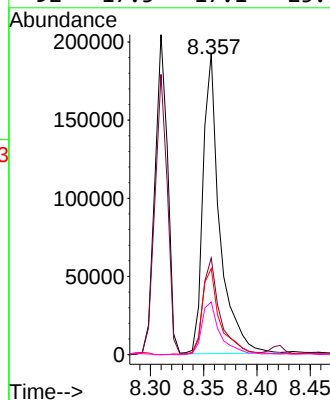
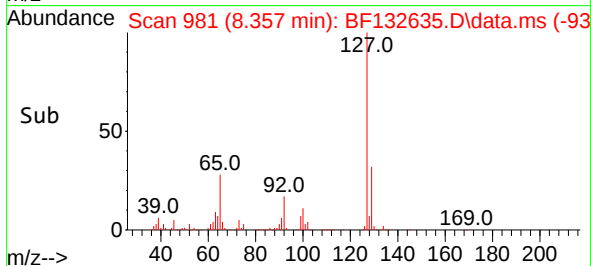


Tgt Ion:127 Resp: 209452
Ion Ratio Lower Upper
127 100
129 32.1 26.4 39.6
65 28.6 28.8 43.2
92 17.5 17.1 25.7

Manual Integrations

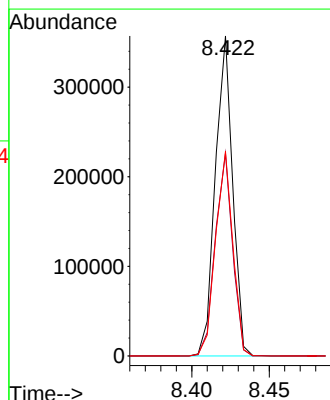
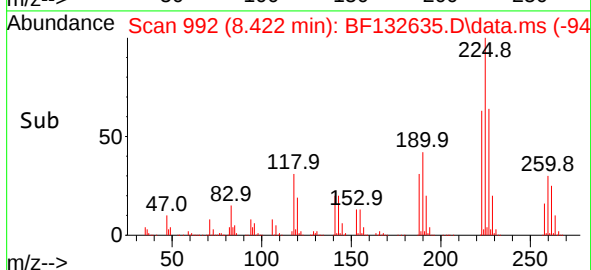
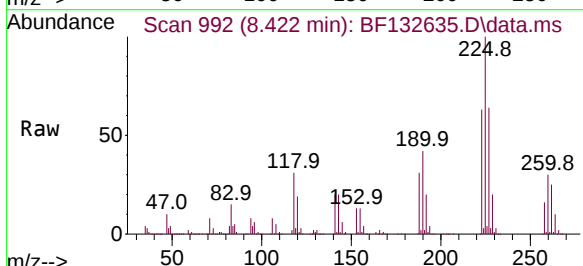
APPROVED

Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#34
Hexachlorobutadiene
Concen: 48.946 ng
RT: 8.422 min Scan# 992
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

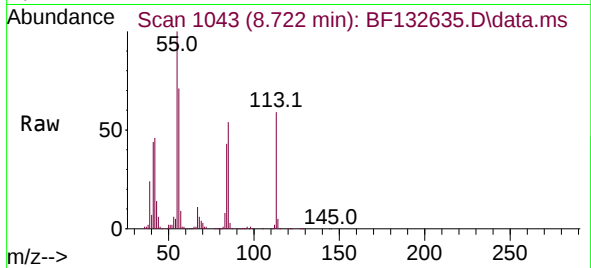
Tgt Ion:225 Resp: 277444
Ion Ratio Lower Upper
225 100
223 63.3 51.0 76.4
227 63.9 51.7 77.5





#35
Caprolactam
Concen: 42.886 ng m
RT: 8.722 min Scan# 10
Delta R.T. -0.021 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

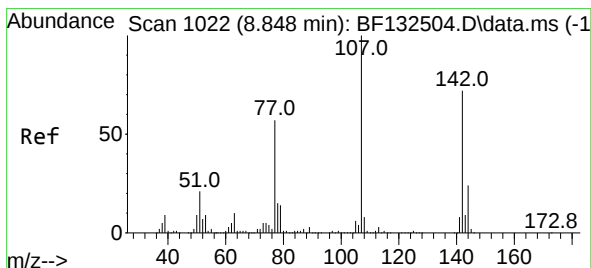
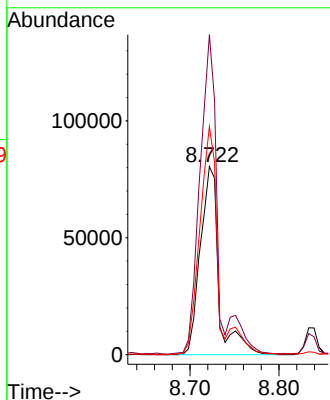
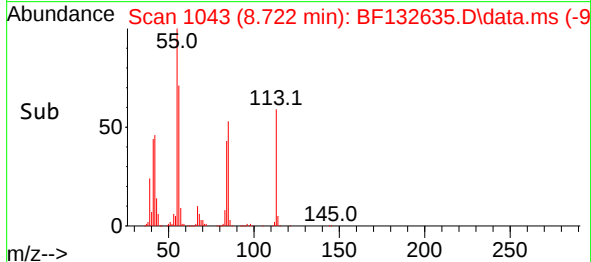
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



Tgt Ion:113 Resp: 116145
Ion Ratio Lower Upper
113 100
55 170.1 149.4 189.4
56 121.2 105.0 145.0

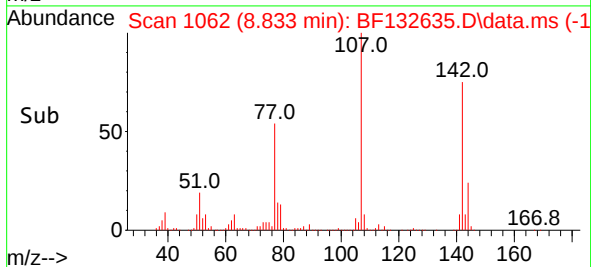
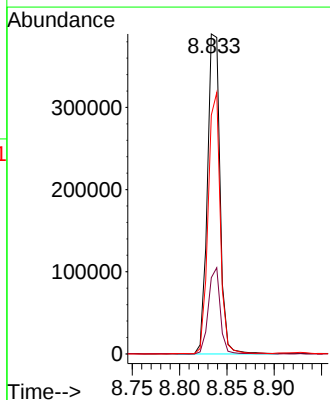
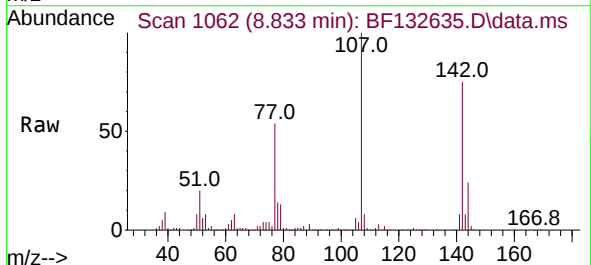
Manual Integrations
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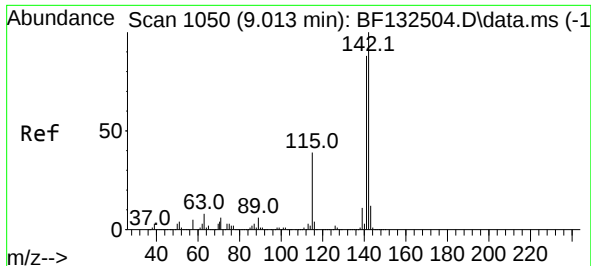
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#36
4-Chloro-3-methylphenol
Concen: 40.178 ng
RT: 8.833 min Scan# 1062
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:107 Resp: 362475
Ion Ratio Lower Upper
107 100
144 23.8 18.9 28.3
142 74.6 57.9 86.9





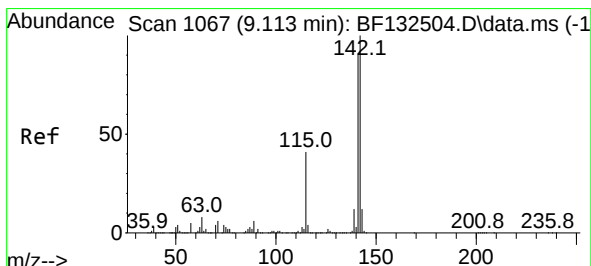
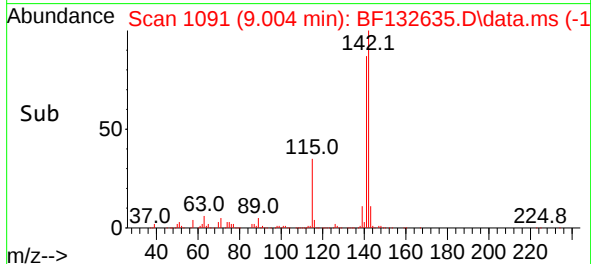
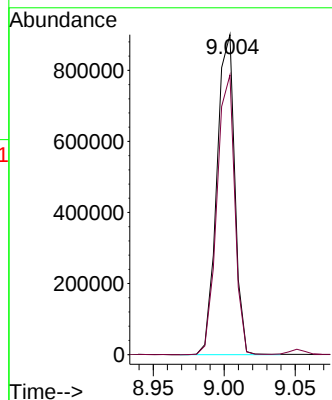
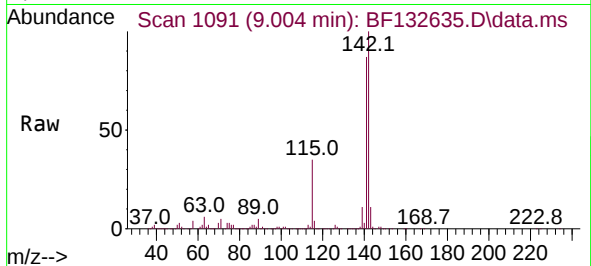
#37
2-Methylnaphthalene
Concen: 43.072 ng
RT: 9.004 min Scan# 1108
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

Tgt Ion:142 Resp: 790552
Ion Ratio Lower Upper
142 100
141 87.4 70.2 105.2

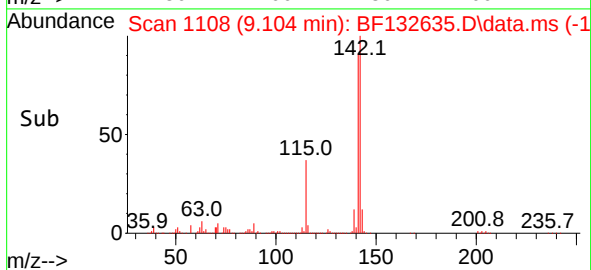
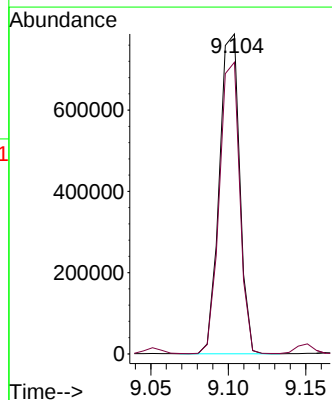
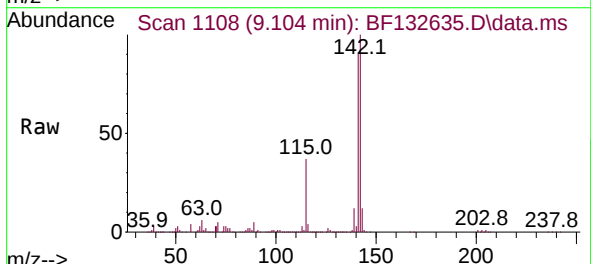
Manual Integrations
APPROVED

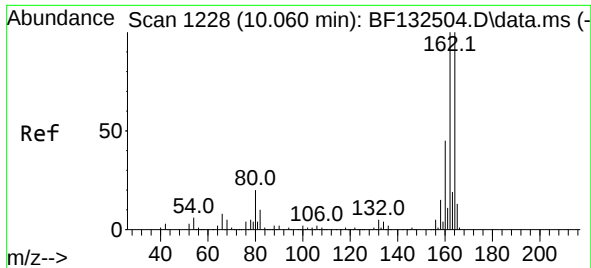
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#38
1-Methylnaphthalene
Concen: 41.989 ng
RT: 9.104 min Scan# 1108
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

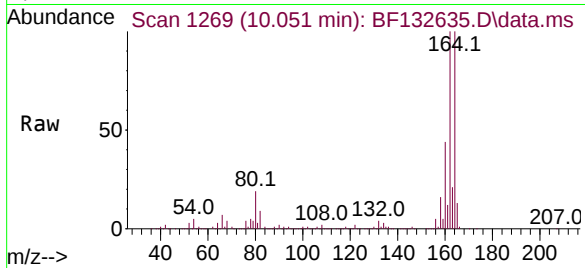
Tgt Ion:142 Resp: 720219
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

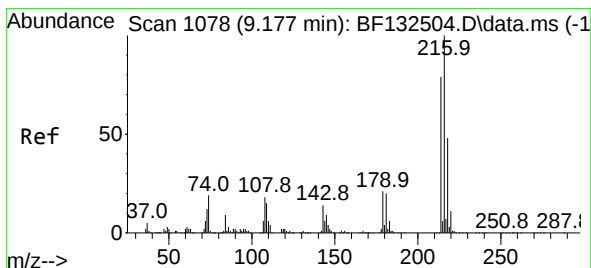
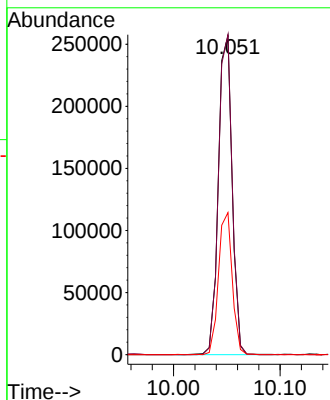
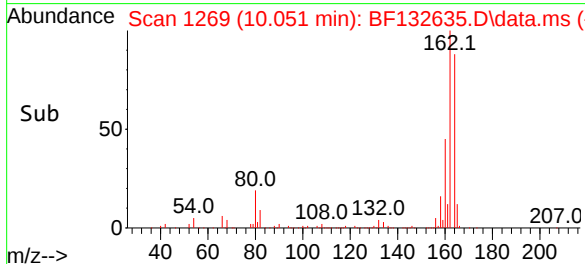
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



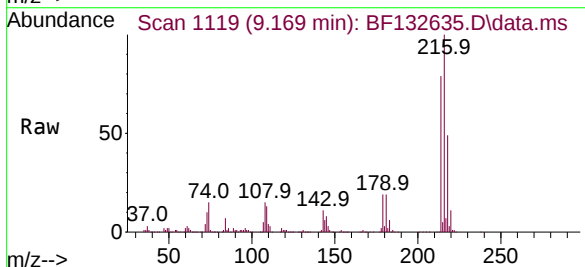
Tgt Ion:164 Resp: 230901
Ion Ratio Lower Upper
164 100
162 100.3 79.8 119.8
160 44.5 35.8 53.6

Manual Integrations
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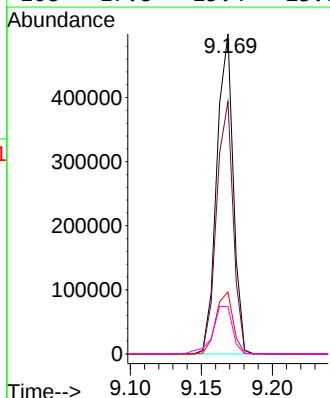
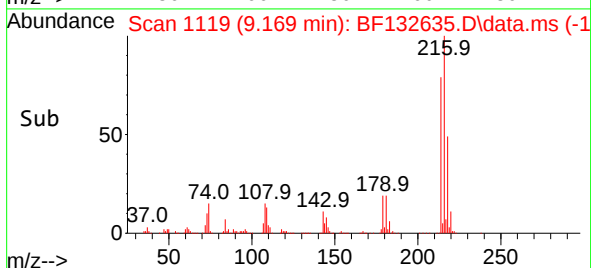
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

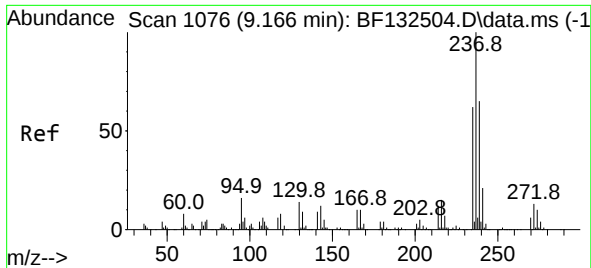


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.349 ng
RT: 9.169 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



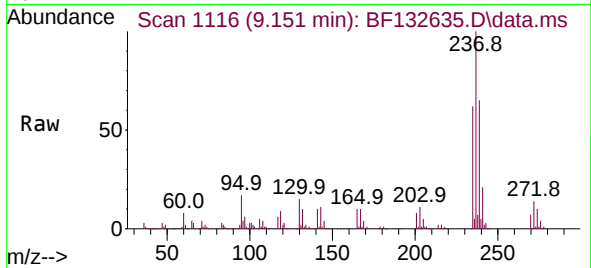
Tgt Ion:216 Resp: 403028
Ion Ratio Lower Upper
216 100
214 79.6 63.0 94.6
179 20.0 16.6 24.8
108 17.8 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 43.087 ng
RT: 9.151 min Scan# 1116
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

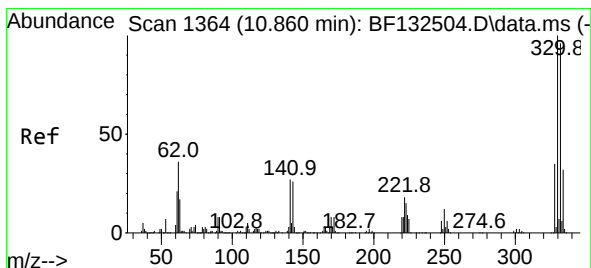
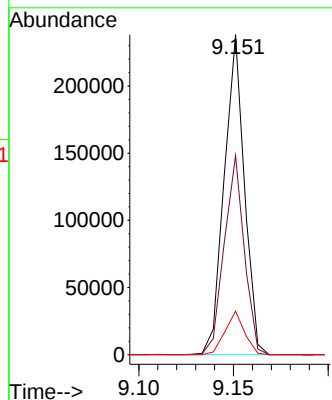
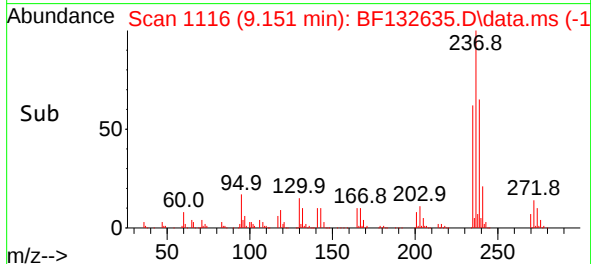
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



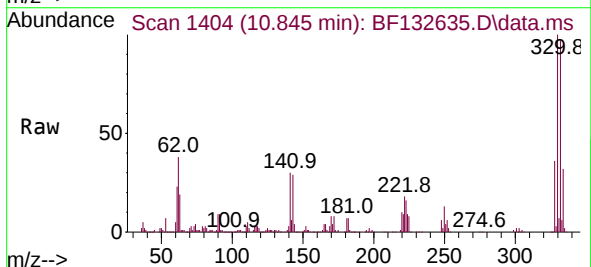
Tgt Ion:237 Resp: 17655
Ion Ratio Lower Upper
237 100
235 62.2 42.4 82.4
272 13.6 0.0 32.7

Manual Integrations
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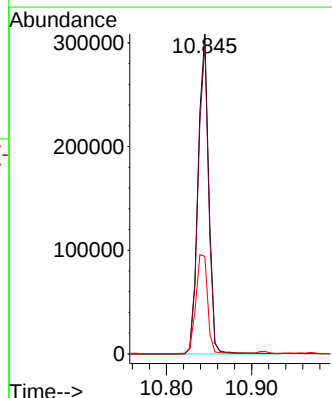
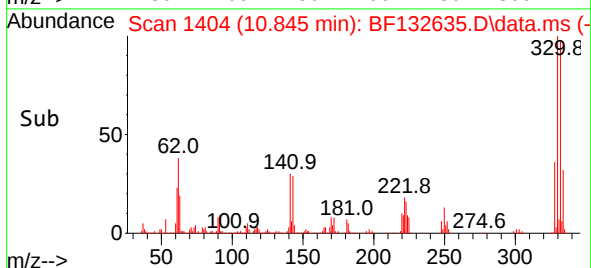
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

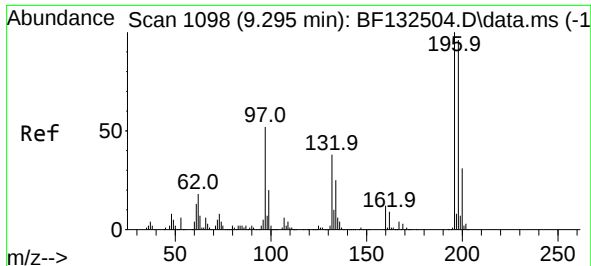


#42
2,4,6-Tribromophenol
Concen: 107.260 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



Tgt Ion:330 Resp: 267467
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 34.1 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 49.356 ng

RT: 9.280 min Scan# 1118

Delta R.T. -0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

Tgt Ion:196 Resp: 252685

Ion Ratio Lower Upper

196 100

198 96.7 77.1 115.7

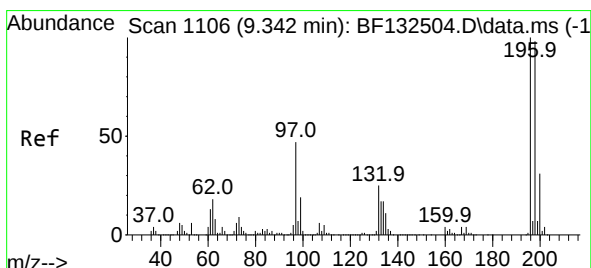
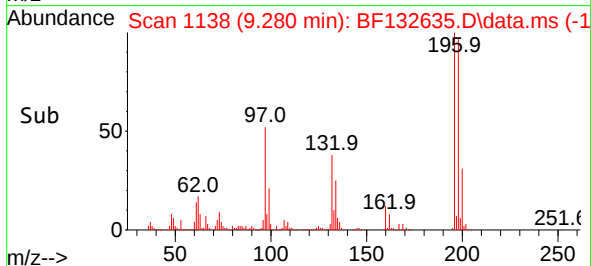
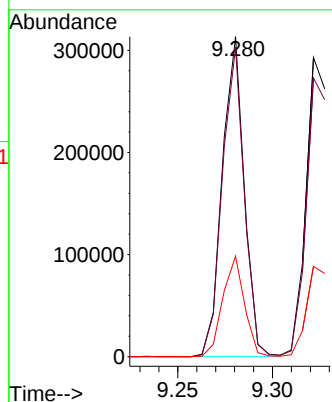
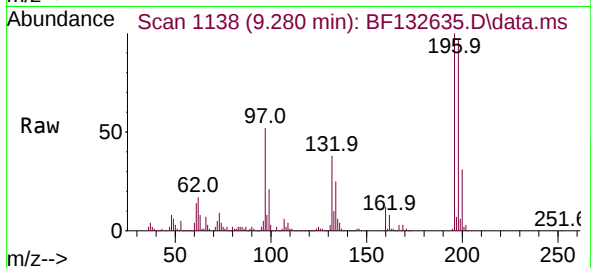
200 31.4 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#44

2,4,5-Trichlorophenol

Concen: 43.054 ng

RT: 9.322 min Scan# 1145

Delta R.T. -0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Tgt Ion:196 Resp: 257264

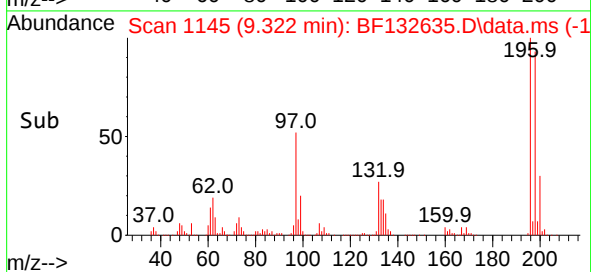
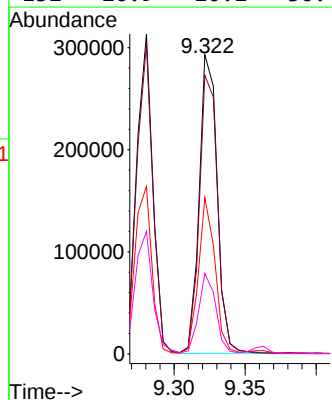
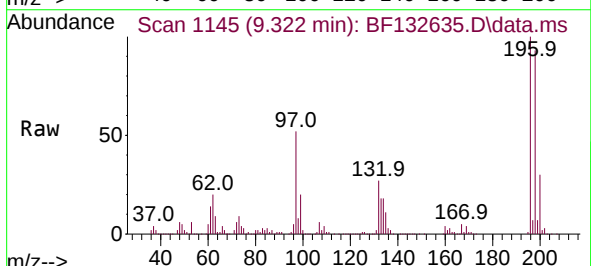
Ion Ratio Lower Upper

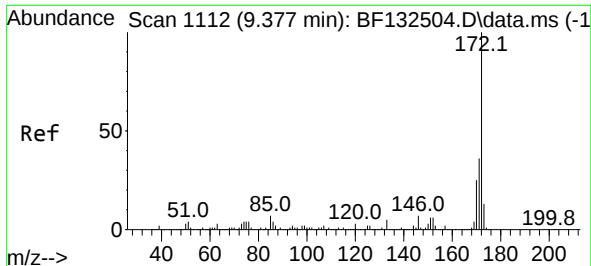
196 100

198 93.2 78.3 117.5

97 52.2 38.1 57.1

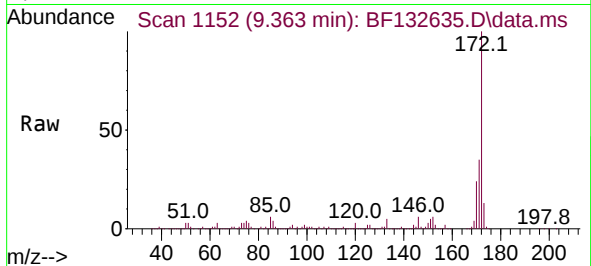
132 26.9 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 81.143 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

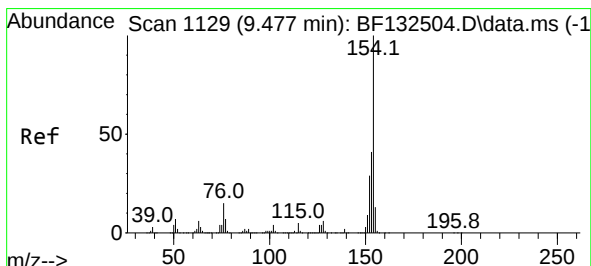
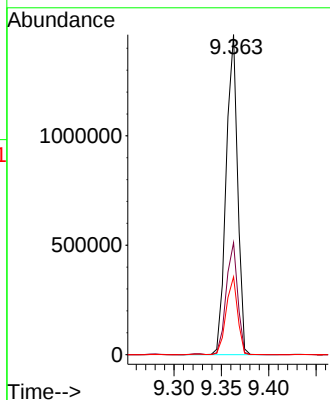
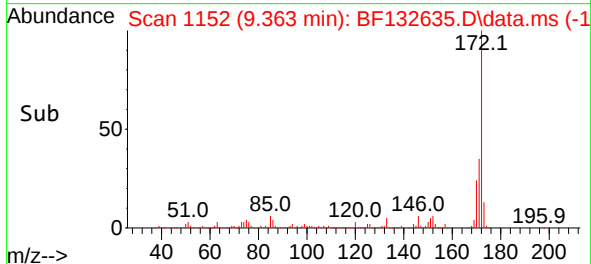
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



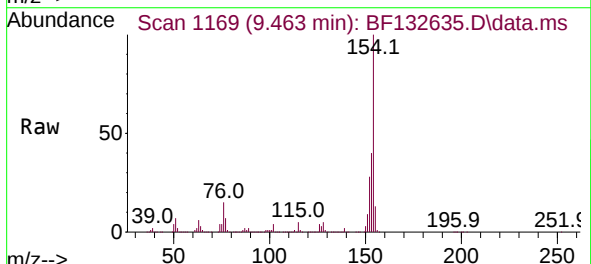
Tgt Ion:172 Resp: 1230483
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 24.3 19.7 29.5

Manual Integrations
APPROVED

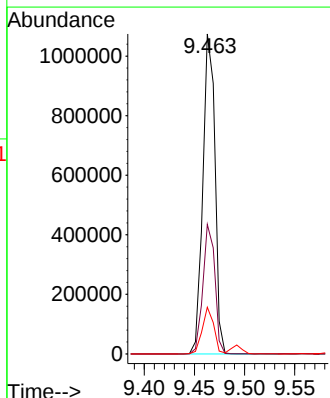
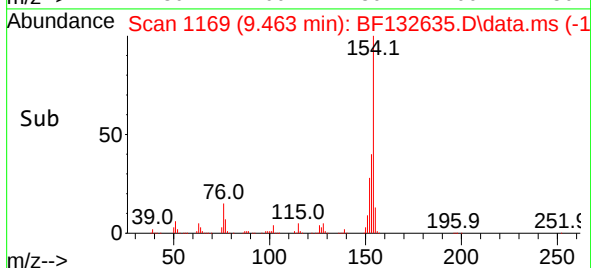
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

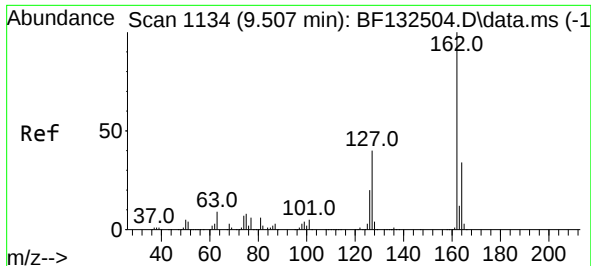


#46
1,1'-Biphenyl
Concen: 51.474 ng
RT: 9.463 min Scan# 1169
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



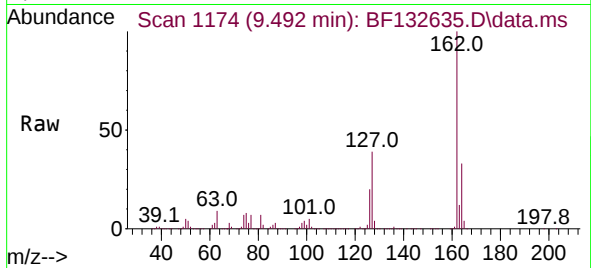
Tgt Ion:154 Resp: 899590
Ion Ratio Lower Upper
154 100
153 40.5 20.9 60.9
76 14.6 0.0 34.7





#47
2-Chloronaphthalene
Concen: 50.990 ng
RT: 9.492 min Scan# 1174
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

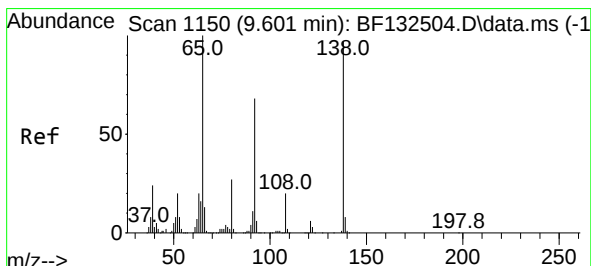
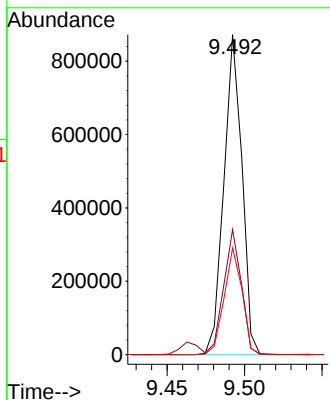
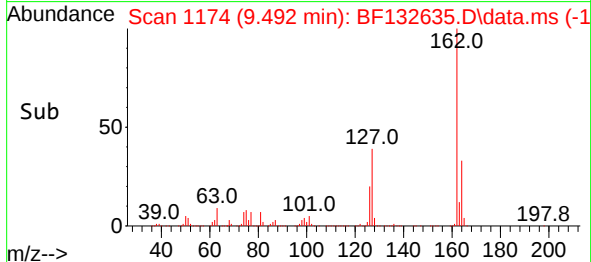
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



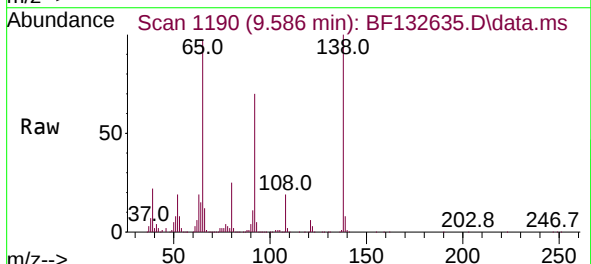
Tgt Ion:162 Resp: 706520
Ion Ratio Lower Upper
162 100
127 39.1 32.3 48.5
164 33.3 26.9 40.3

Manual Integrations
APPROVED

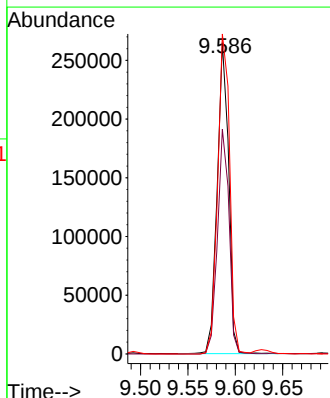
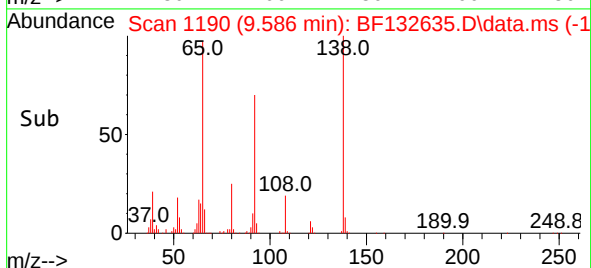
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

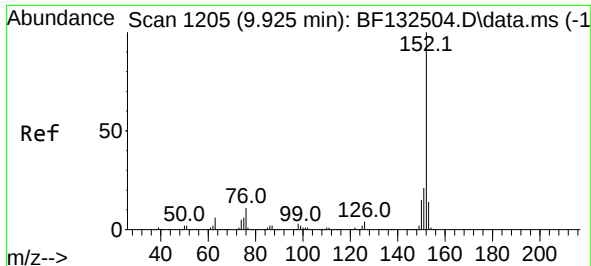


#48
2-Nitroaniline
Concen: 43.446 ng
RT: 9.586 min Scan# 1190
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



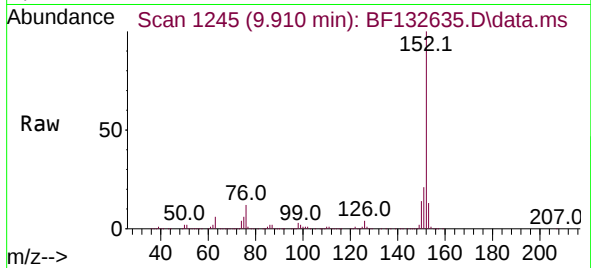
Tgt Ion: 65 Resp: 221718
Ion Ratio Lower Upper
65 100
92 72.2 54.5 81.7
138 102.8 77.2 115.8





#49
Acenaphthylene
Concen: 49.097 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

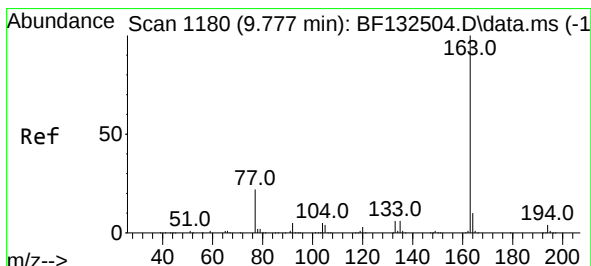
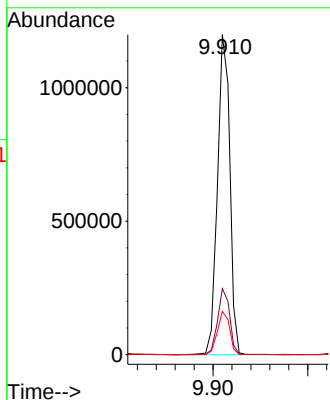
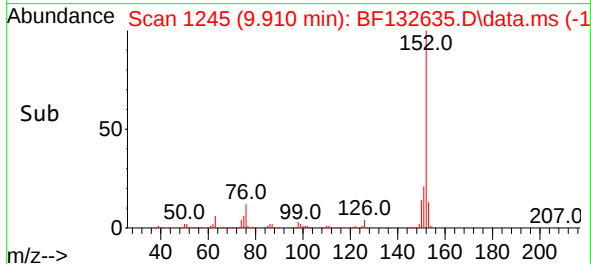
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



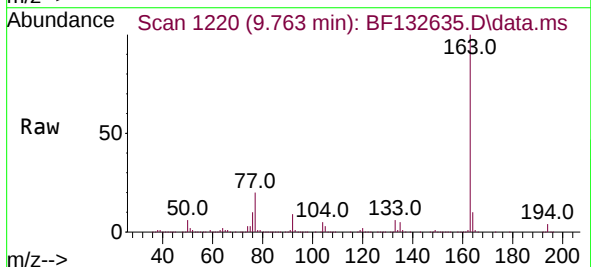
Tgt Ion:152 Resp: 1082715
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.5 11.0 16.6

Manual Integrations
APPROVED

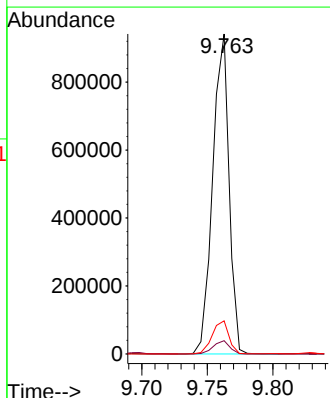
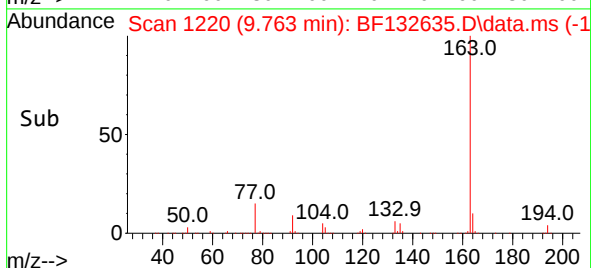
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

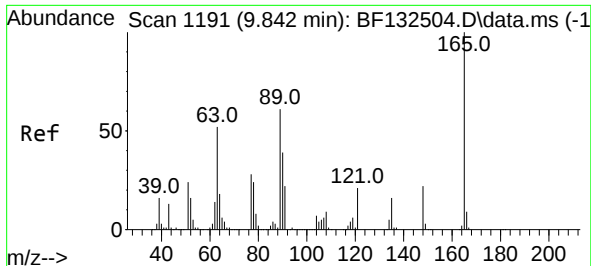


#50
Dimethylphthalate
Concen: 48.689 ng
RT: 9.763 min Scan# 1220
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



Tgt Ion:163 Resp: 818576
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.3 12.5





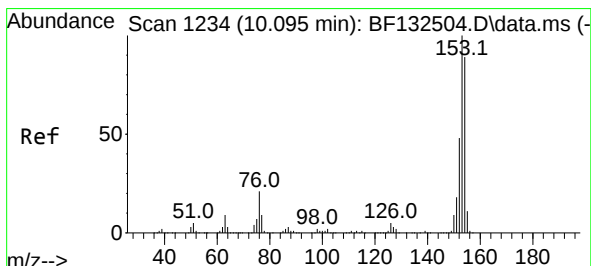
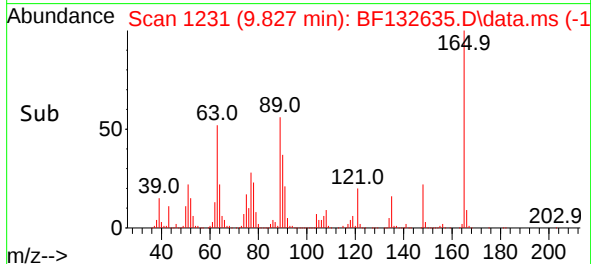
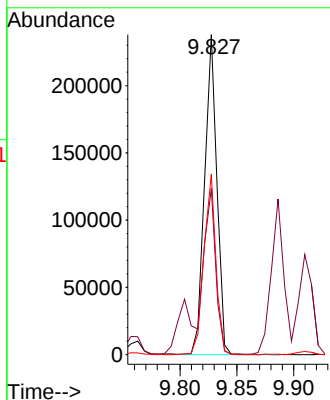
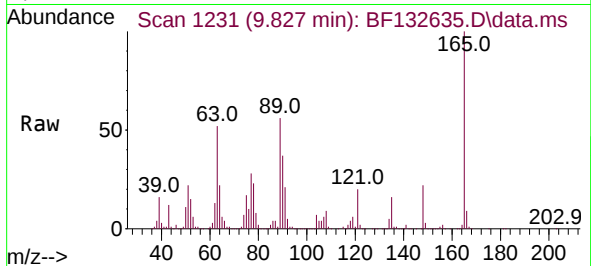
#51
2,6-Dinitrotoluene
Concen: 46.732 ng
RT: 9.827 min Scan# 1191
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

Tgt Ion:165 Resp: 178929
Ion Ratio Lower Upper
165 100
63 51.9 47.3 70.9
89 56.3 48.9 73.3

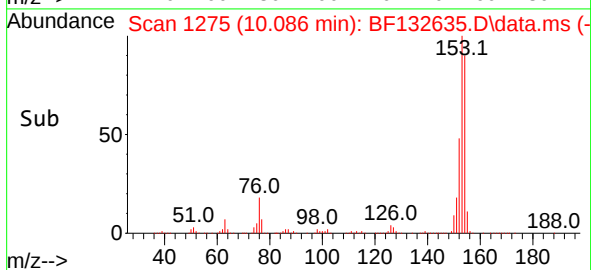
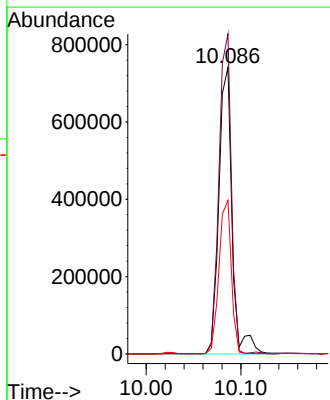
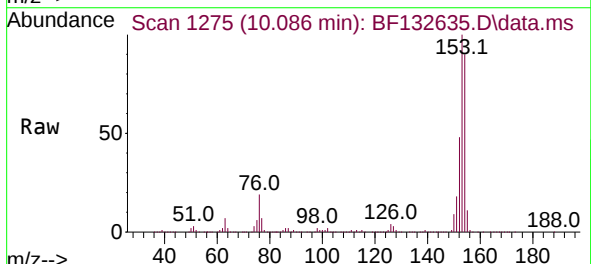
Manual Integrations
APPROVED

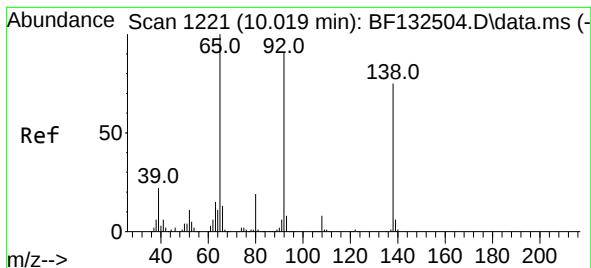
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#52
Acenaphthene
Concen: 51.002 ng
RT: 10.086 min Scan# 1275
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:154 Resp: 714183
Ion Ratio Lower Upper
154 100
153 111.7 89.8 134.8
152 53.6 43.3 64.9





#53
3-Nitroaniline
Concen: 34.920 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

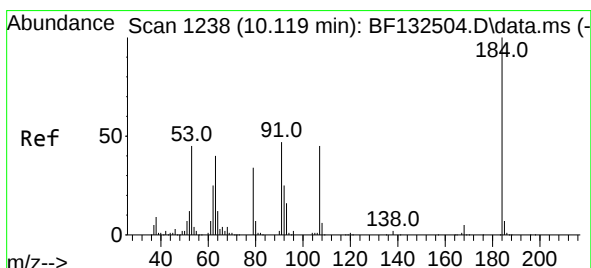
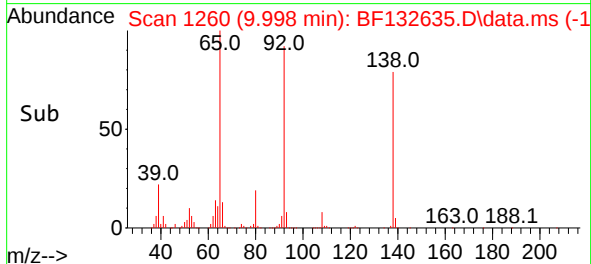
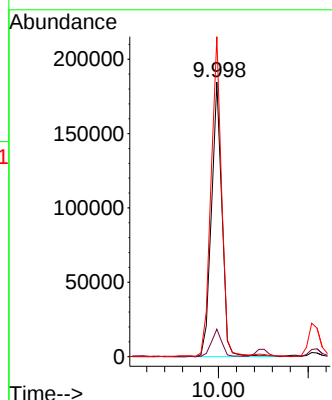
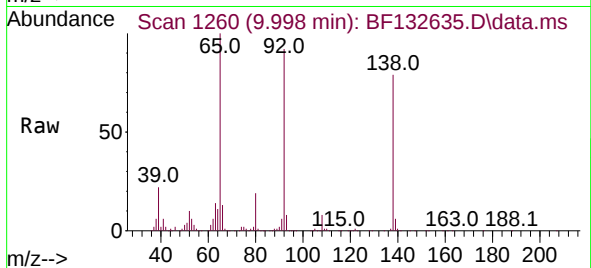
VNJ-223MSD

Tgt Ion:138 Resp: 14956
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 116.6 97.2 145.8

Manual Integrations

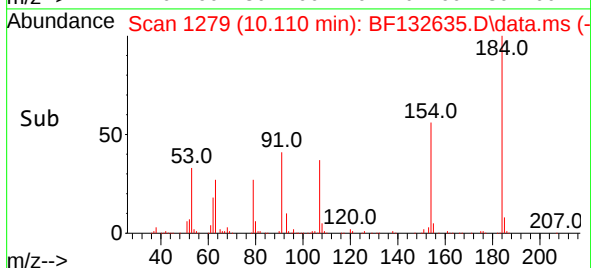
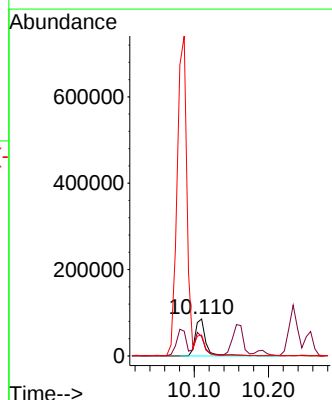
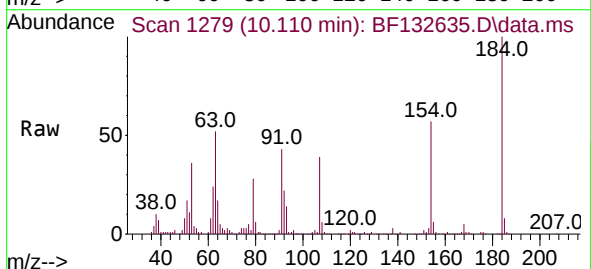
APPROVED

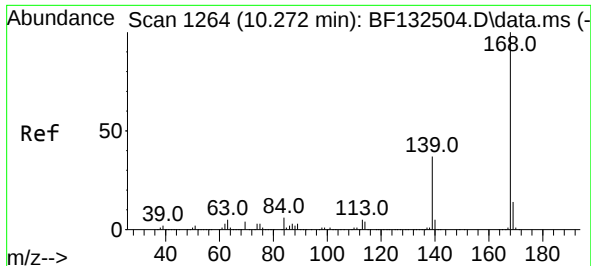
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#54
2,4-Dinitrophenol
Concen: 35.850 ng
RT: 10.110 min Scan# 1279
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

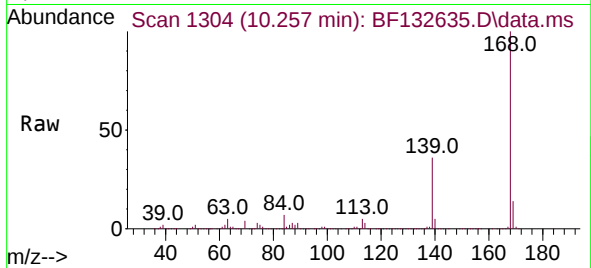
Tgt Ion:184 Resp: 83985
Ion Ratio Lower Upper
184 100
63 52.2 51.4 77.2
154 56.6 48.3 72.5





#55
Dibenzofuran
Concen: 48.999 ng
RT: 10.257 min Scan# 1304
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

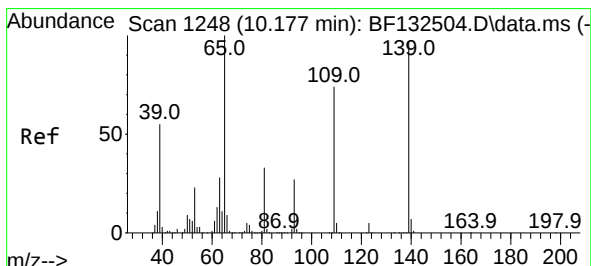
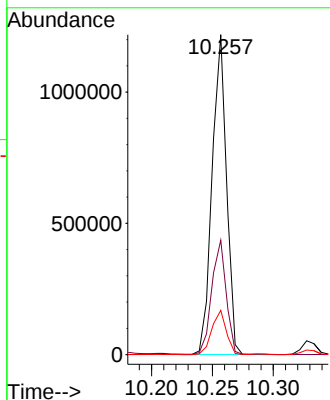
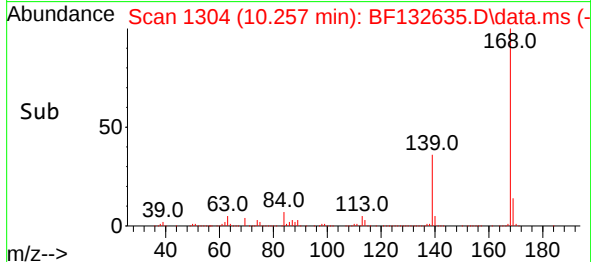
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



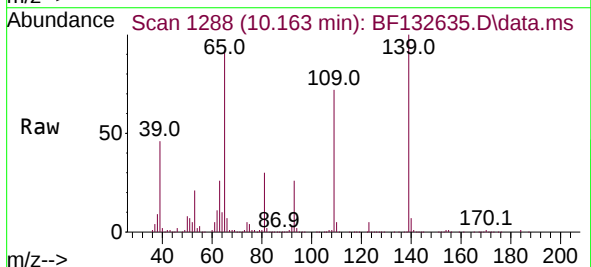
Tgt Ion:168 Resp: 1000276
Ion Ratio Lower Upper
168 100
139 35.8 29.8 44.6
169 13.8 10.9 16.3

Manual Integrations
APPROVED

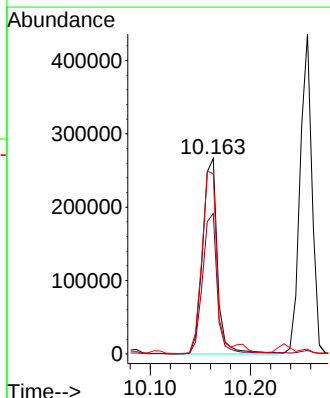
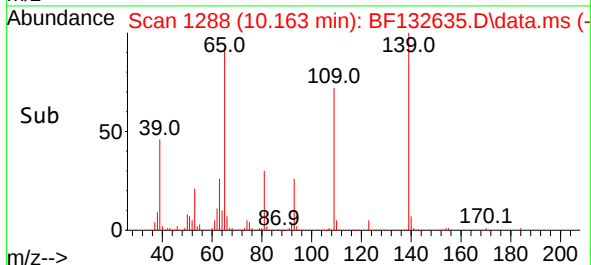
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

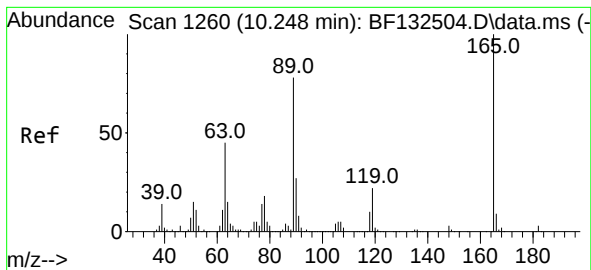


#56
4-Nitrophenol
Concen: 85.255 ng
RT: 10.163 min Scan# 1288
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



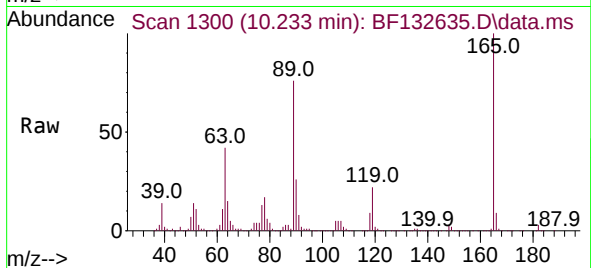
Tgt Ion:139 Resp: 272319
Ion Ratio Lower Upper
139 100
109 71.7 56.7 96.7
65 92.2 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 44.237 ng
RT: 10.233 min Scan# 1363
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

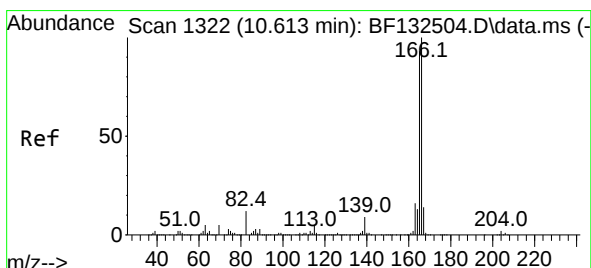
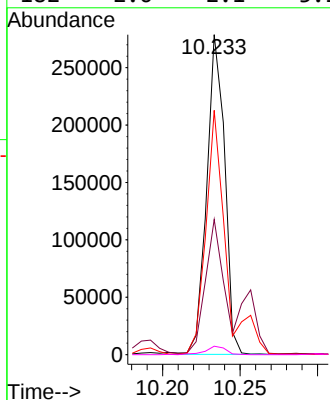
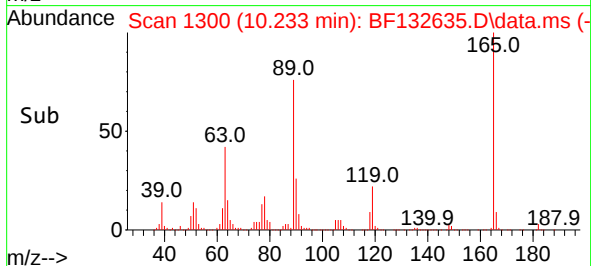
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



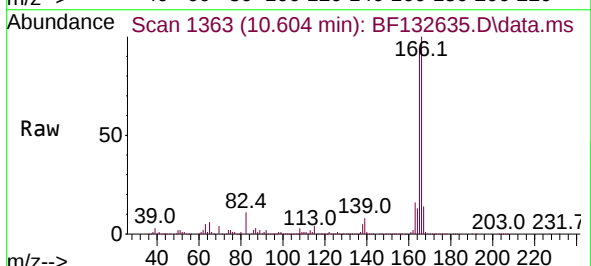
Tgt Ion:165 Resp: 225337
Ion Ratio Lower Upper
165 100
63 42.2 36.5 54.7
89 76.3 62.4 93.6
182 2.6 2.1 3.1

Manual Integrations
APPROVED

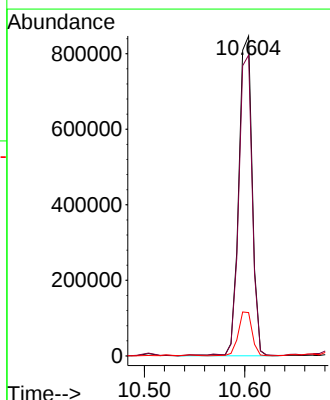
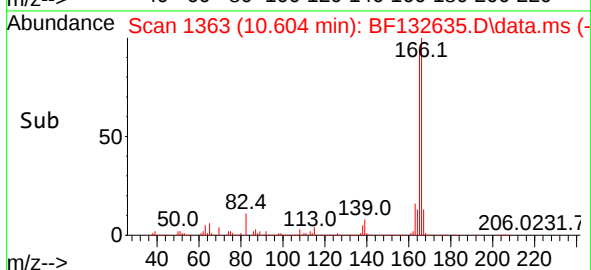
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

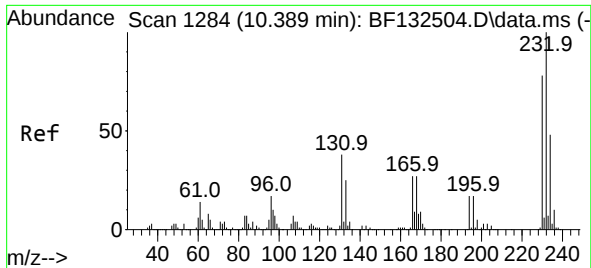


#58
Fluorene
Concen: 50.204 ng
RT: 10.604 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



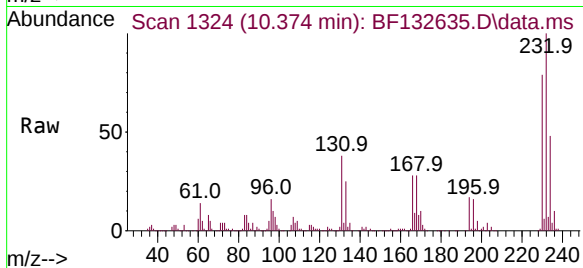
Tgt Ion:166 Resp: 783924
Ion Ratio Lower Upper
166 100
165 94.0 74.2 111.4
167 13.5 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.210 ng
RT: 10.374 min Scan# 1324
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

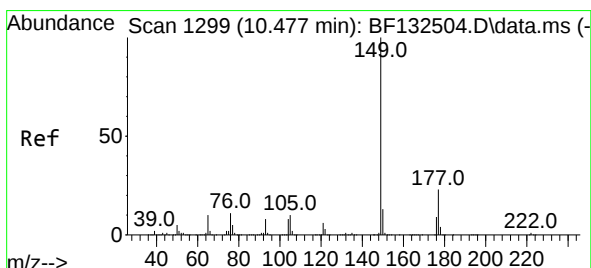
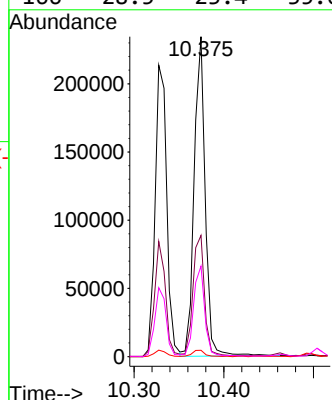
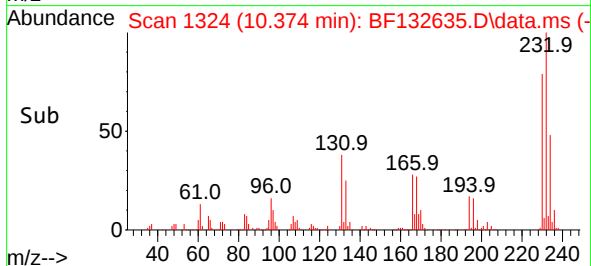
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



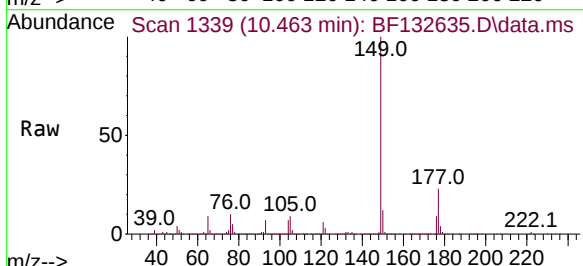
Tgt Ion:232 Resp: 200673
Ion Ratio Lower Upper
232 100
131 39.2 33.8 50.8
130 2.3 1.7 2.5
166 28.5 23.4 35.0

Manual Integrations
APPROVED

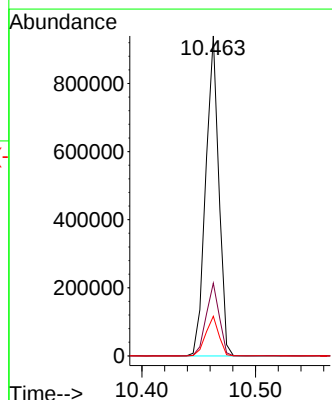
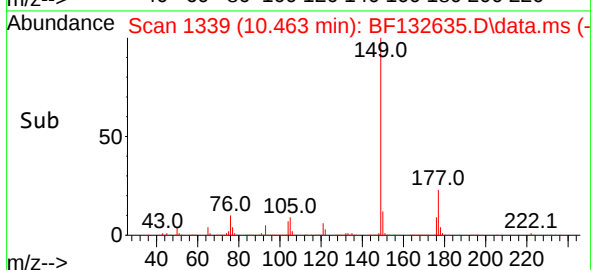
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

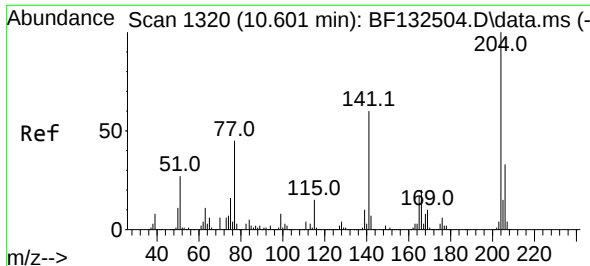


#60
Diethylphthalate
Concen: 45.887 ng
RT: 10.463 min Scan# 1339
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



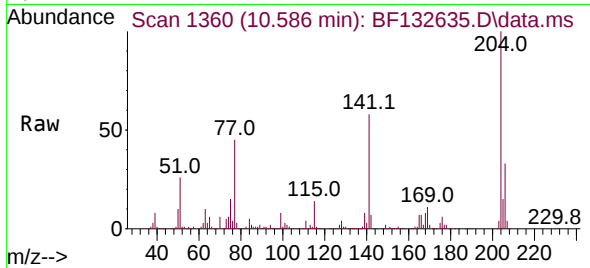
Tgt Ion:149 Resp: 753457
Ion Ratio Lower Upper
149 100
177 22.7 18.1 27.1
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.796 ng
RT: 10.586 min Scan# 1360
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

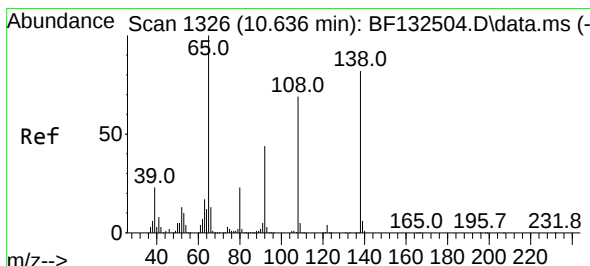
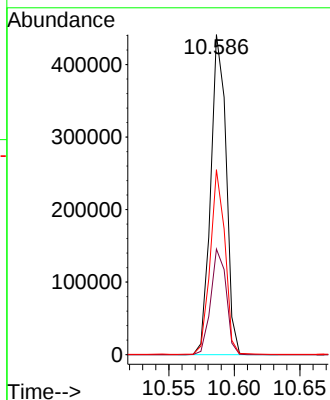
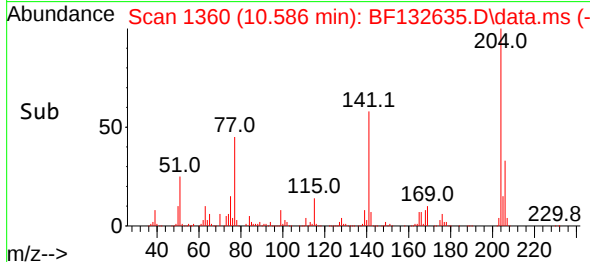
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



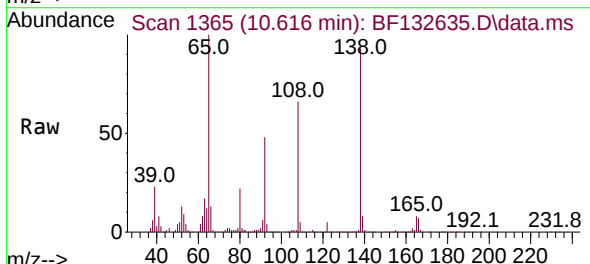
Tgt Ion:204 Resp: 362870
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 57.8 47.8 71.8

Manual Integrations
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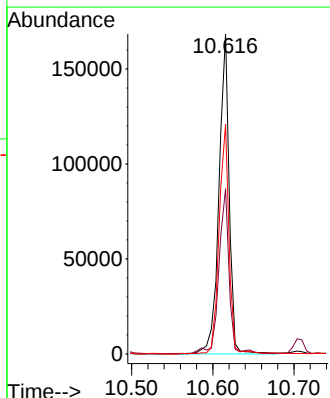
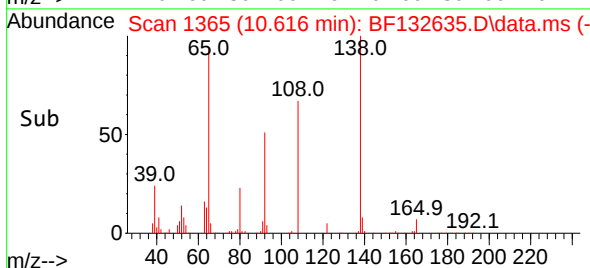
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

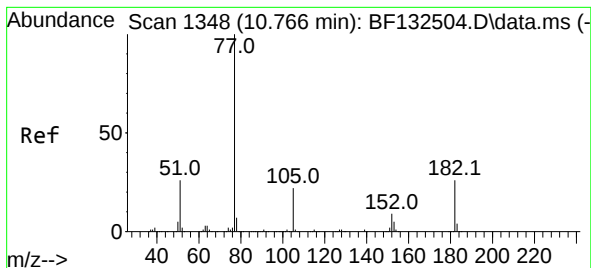


#62
4-Nitroaniline
Concen: 35.021 ng
RT: 10.616 min Scan# 1365
Delta R.T. -0.015 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



Tgt Ion:138 Resp: 147240
Ion Ratio Lower Upper
138 100
92 51.6 33.8 73.8
108 71.8 63.7 103.7





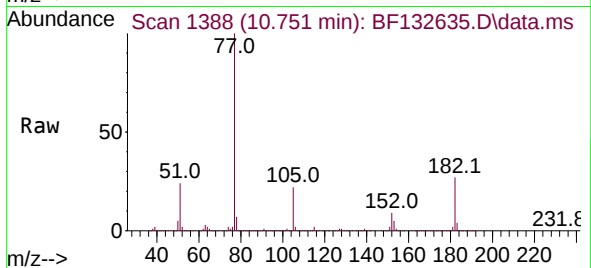
#63
Azobenzene
Concen: 43.451 ng
RT: 10.751 min Scan# 1348
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

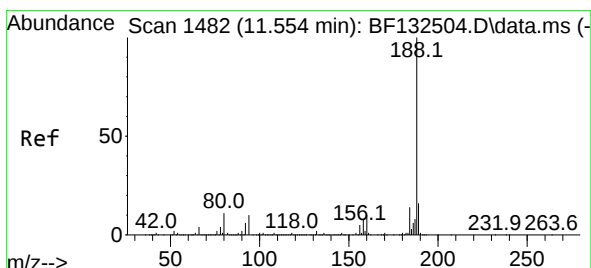
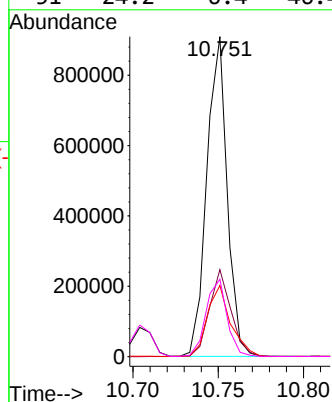
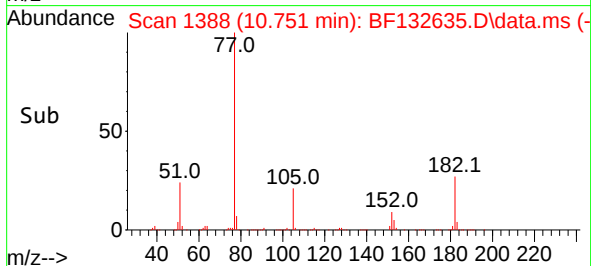


Tgt Ion: 77 Resp: 755610
Ion Ratio Lower Upper
77 100
182 27.2 5.5 45.5
105 22.2 1.8 41.8
51 24.2 6.4 46.4

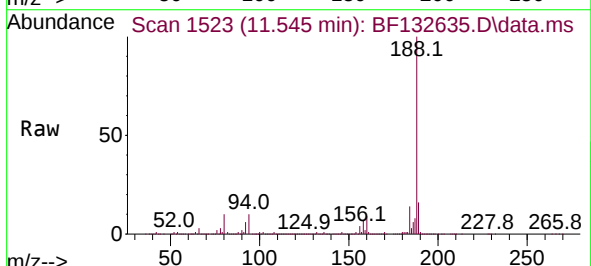
Manual Integrations

APPROVED

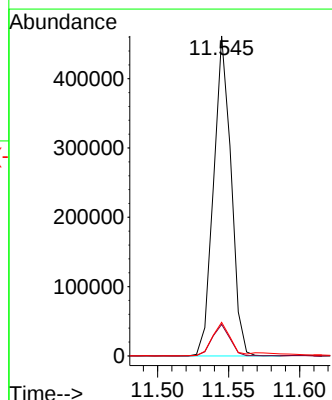
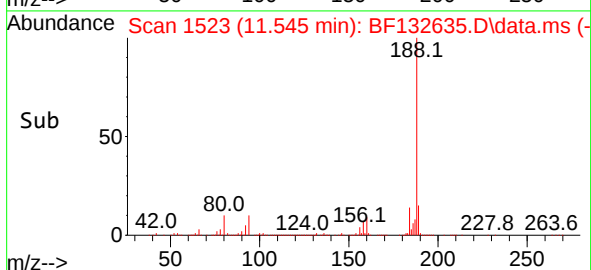
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

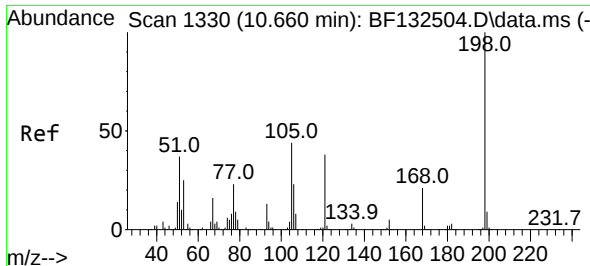


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



Tgt Ion:188 Resp: 396128
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.5 8.7 13.1





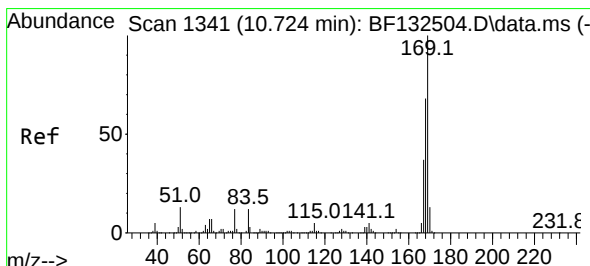
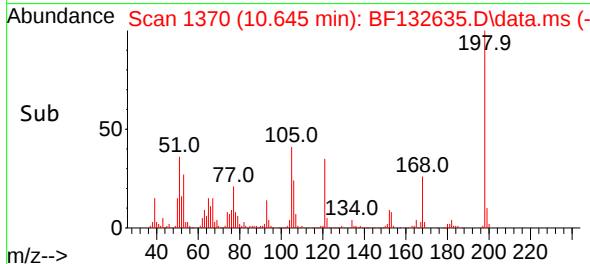
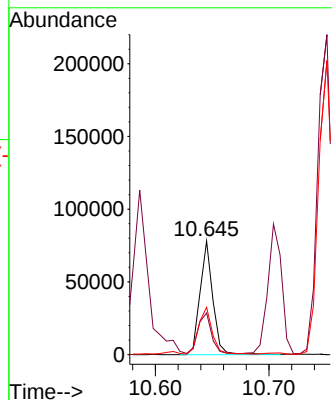
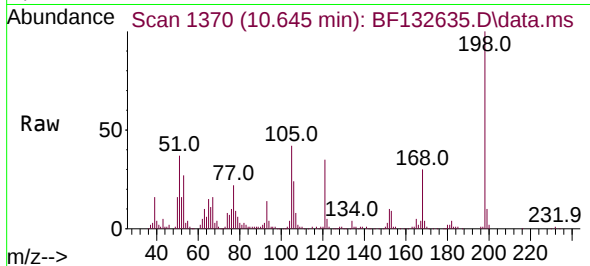
#65
4,6-Dinitro-2-methylphenol
Concen: 22.736 ng
RT: 10.645 min Scan# 1311
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

Tgt Ion:198 Resp: 60968
Ion Ratio Lower Upper
198 100
51 36.7 20.6 60.6
105 41.6 24.3 64.3

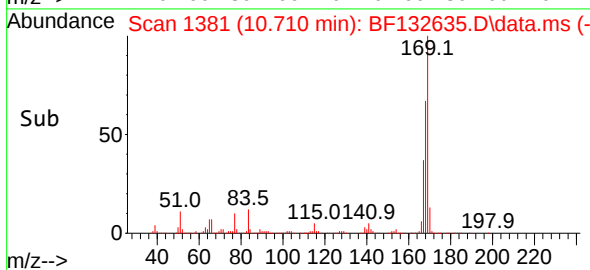
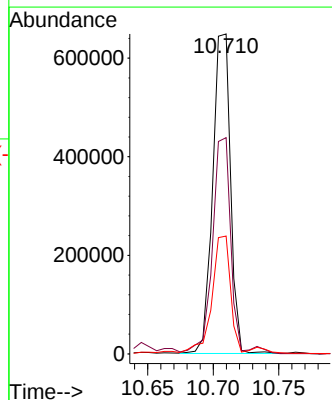
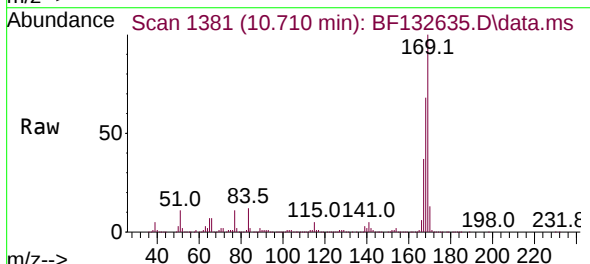
Manual Integrations
APPROVED

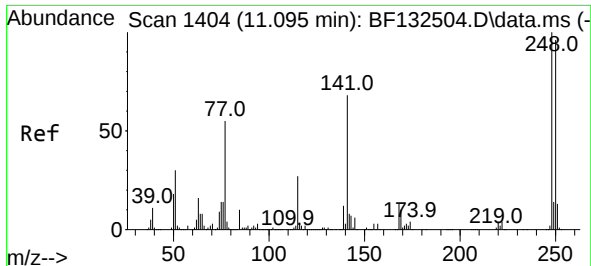
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#66
n-Nitrosodiphenylamine
Concen: 49.731 ng
RT: 10.710 min Scan# 1381
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

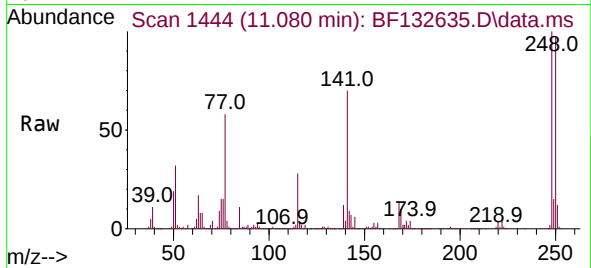
Tgt Ion:169 Resp: 614154
Ion Ratio Lower Upper
169 100
168 67.6 54.2 81.4
167 36.8 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 48.371 ng
RT: 11.080 min Scan# 1444
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

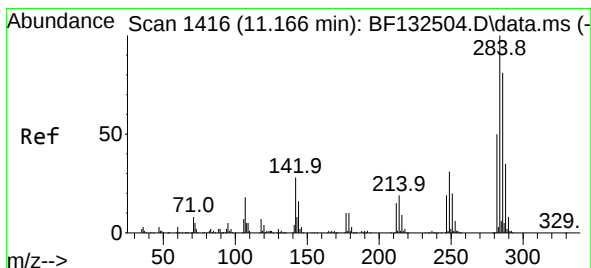
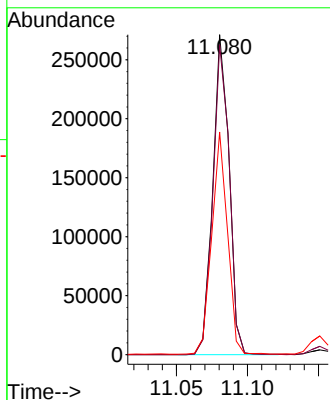
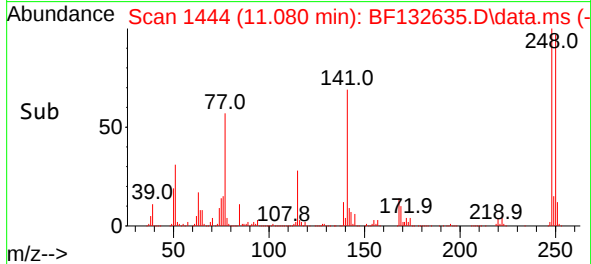
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



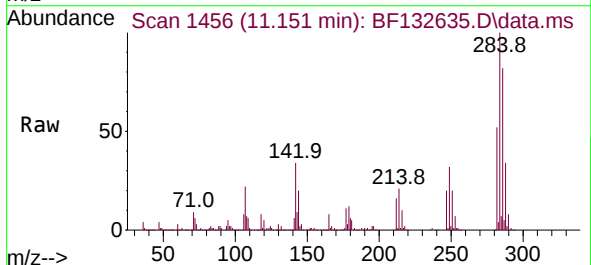
Tgt Ion:248 Resp: 216744
Ion Ratio Lower Upper
248 100
250 96.8 77.0 115.4
141 69.6 54.2 81.2

Manual Integrations
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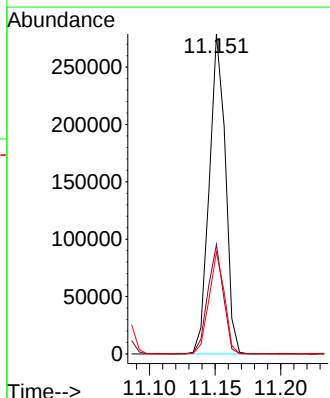
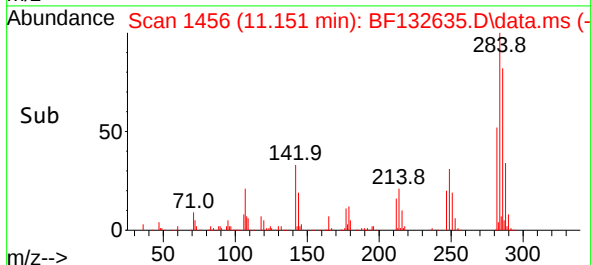
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

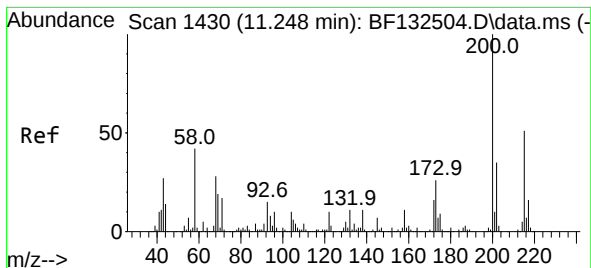


#68
Hexachlorobenzene
Concen: 50.503 ng
RT: 11.151 min Scan# 1456
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



Tgt Ion:284 Resp: 238115
Ion Ratio Lower Upper
284 100
142 34.2 22.2 33.4#
249 31.8 24.9 37.3





#69

Atrazine

Concen: 51.189 ng

RT: 11.233 min Scan# 14

Delta R.T. -0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

Tgt Ion:200 Resp: 197354

Ion Ratio Lower Upper

200 100

173 26.2 6.4 46.4

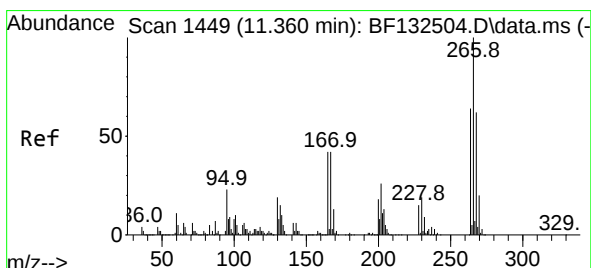
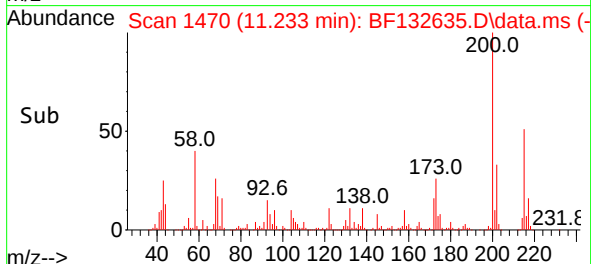
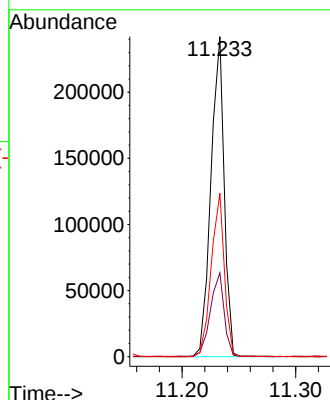
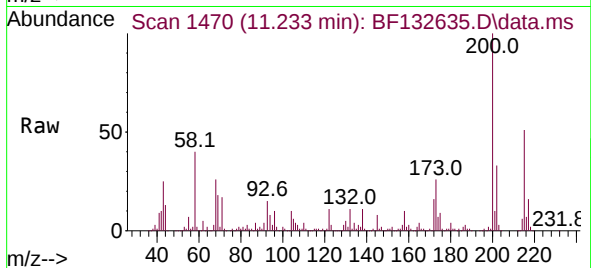
215 51.0 31.0 71.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#70

Pentachlorophenol

Concen: 94.035 ng

RT: 11.351 min Scan# 1490

Delta R.T. 0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

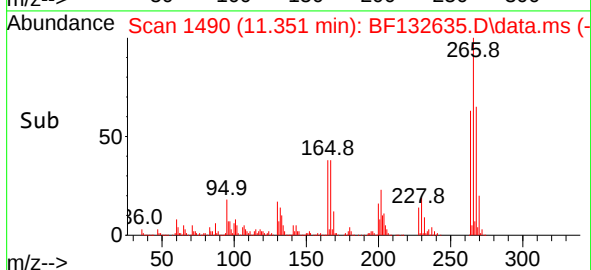
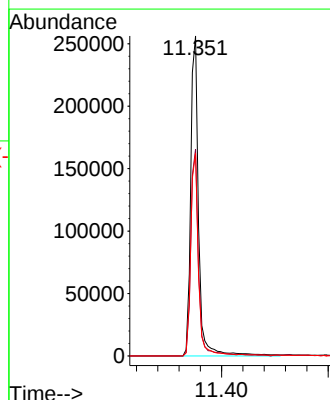
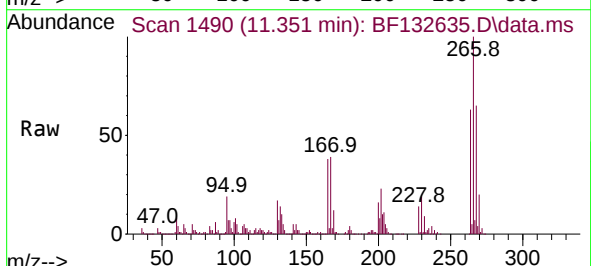
Tgt Ion:266 Resp: 263785

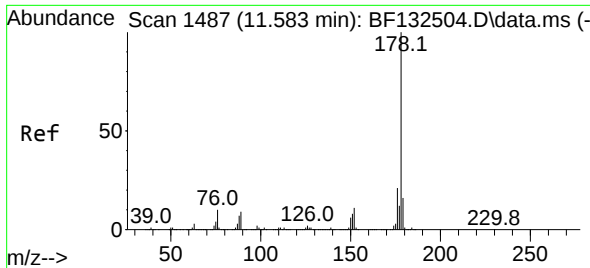
Ion Ratio Lower Upper

266 100

268 64.7 49.8 74.6

264 63.4 50.9 76.3





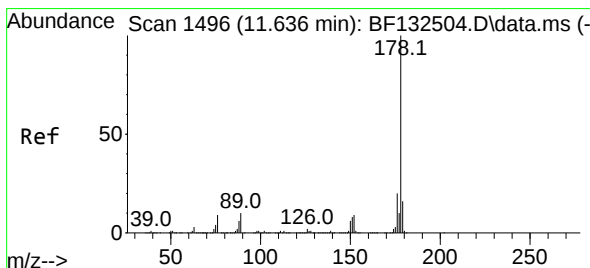
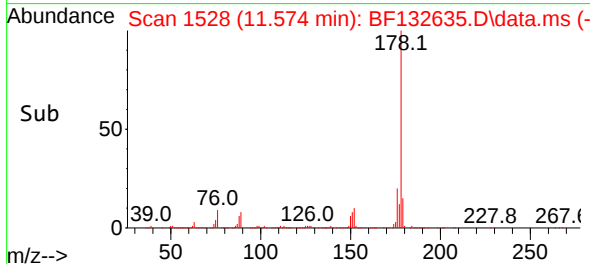
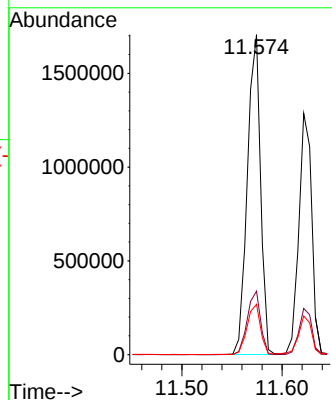
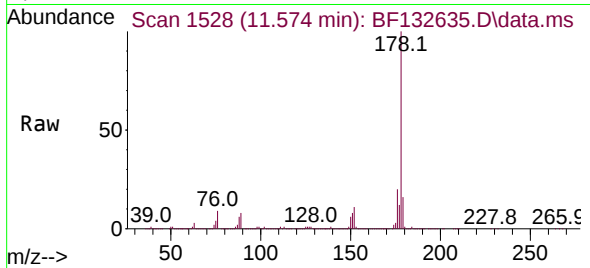
#71
Phenanthrene
Concen: 75.573 ng
RT: 11.574 min Scan# 11536
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

Tgt Ion:178 Resp: 1550854
Ion Ratio Lower Upper
178 100
176 19.9 16.5 24.7
179 15.7 13.0 19.6

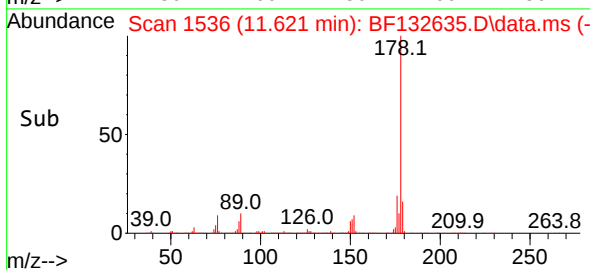
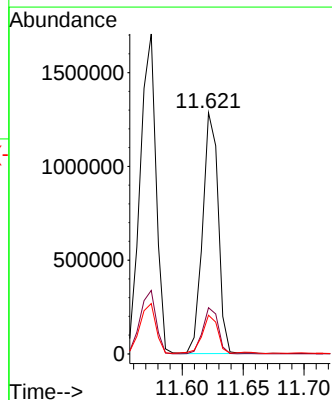
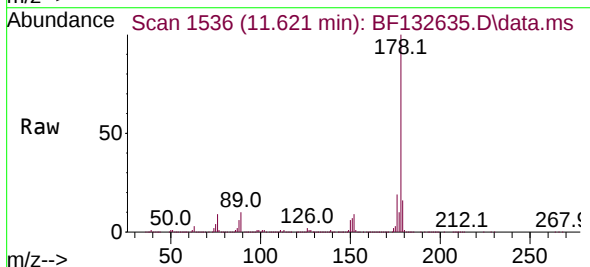
Manual Integrations
APPROVED

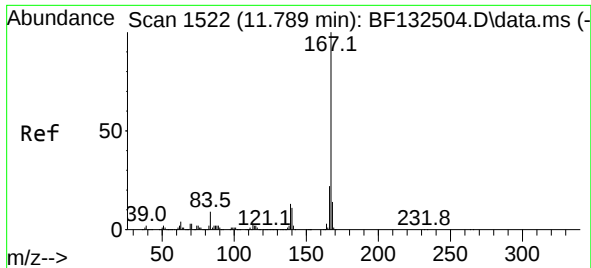
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#72
Anthracene
Concen: 54.350 ng
RT: 11.621 min Scan# 1536
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:178 Resp: 1148551
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 16.0 12.5 18.7





#73
 Carbazole
 Concen: 51.384 ng
 RT: 11.780 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132635.D
 Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

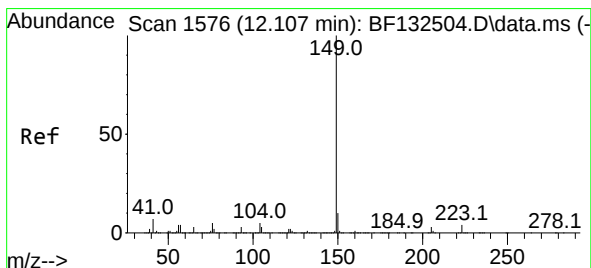
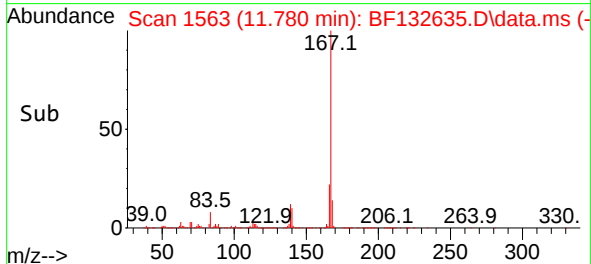
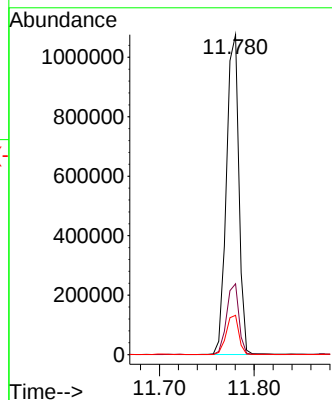
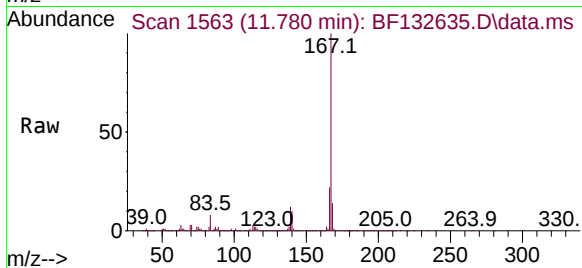
VNJ-223MSD

Tgt Ion:167 Resp: 97900
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 12.3 10.5 15.7

Manual Integrations

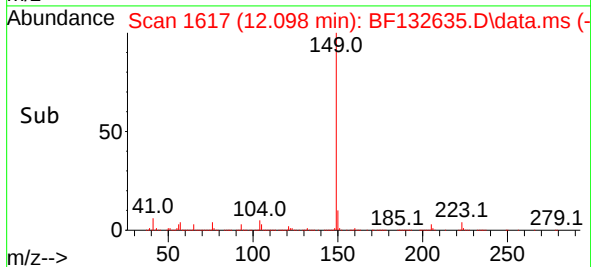
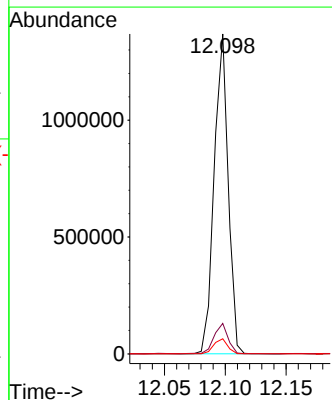
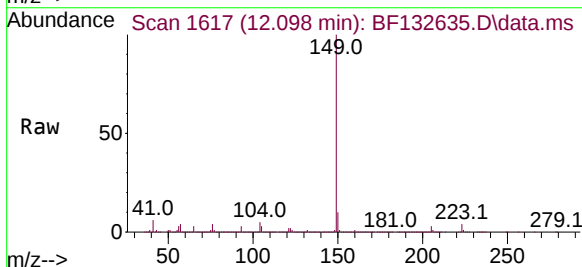
APPROVED

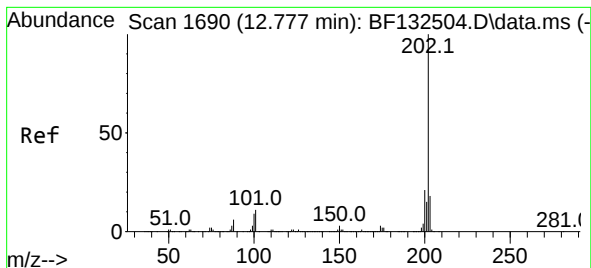
Reviewed By :Christian Giraldo 03/06/2023
 Supervised By :Jagrut Upadhyay 03/06/2023



#74
 Di-n-butylphthalate
 Concen: 49.141 ng
 RT: 12.098 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: BF132635.D
 Acq: 03 Mar 2023 18:38

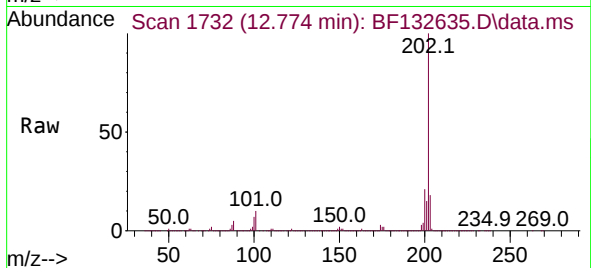
Tgt Ion:149 Resp: 1098261
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.7 4.3 6.5





#75
Fluoranthene
Concen: 85.489 ng
RT: 12.774 min Scan# 1732
Delta R.T. 0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

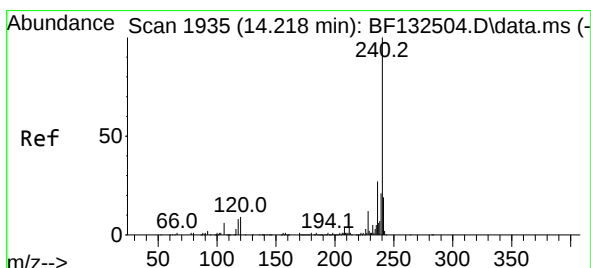
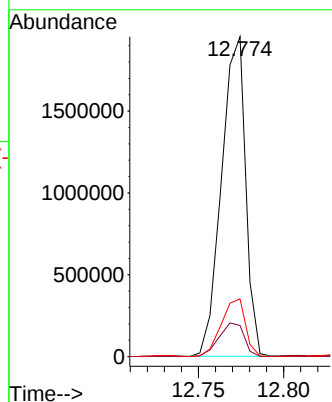
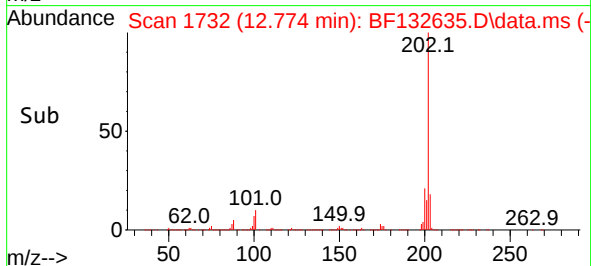
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



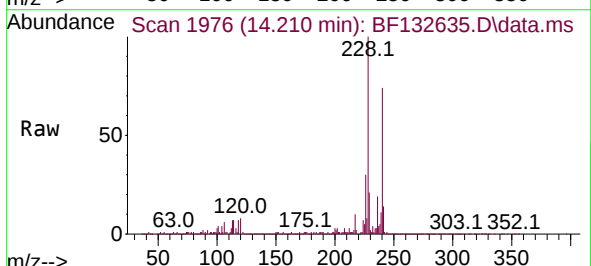
Tgt Ion:202 Resp: 1917862
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.4
203 18.0 0.0 38.0

Manual Integrations
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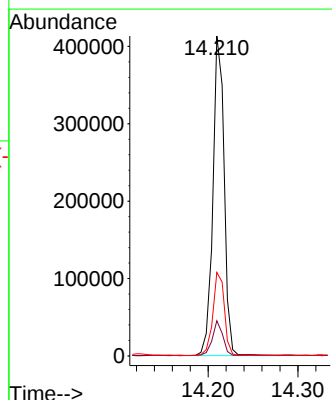
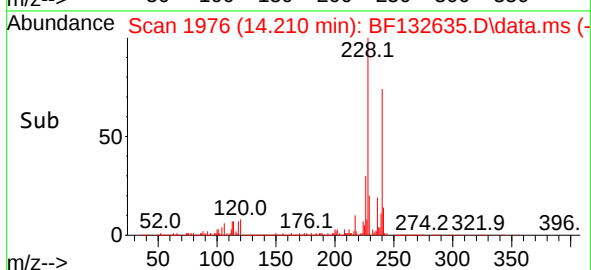
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

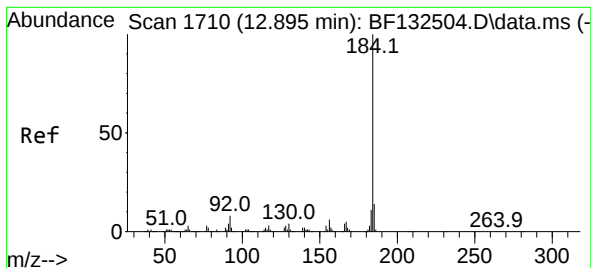


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.210 min Scan# 1976
Delta R.T. 0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



Tgt Ion:240 Resp: 360370
Ion Ratio Lower Upper
240 100
120 11.0 7.2 10.8
236 26.1 21.8 32.6





#77

Benzidine

Concen: 72.215 ng

RT: 12.892 min Scan# 1710

Delta R.T. 0.009 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

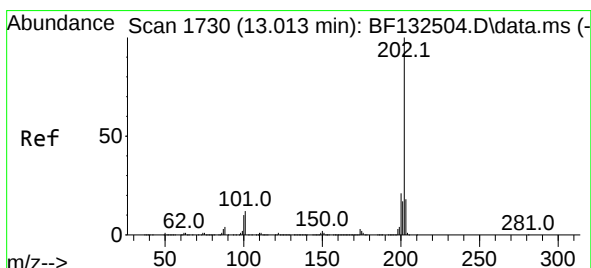
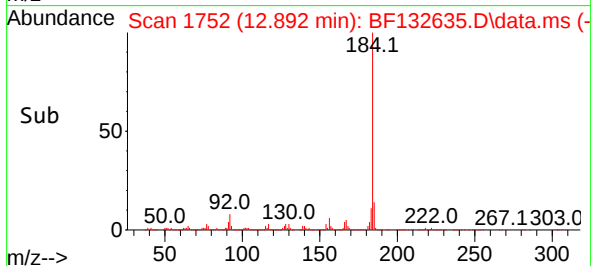
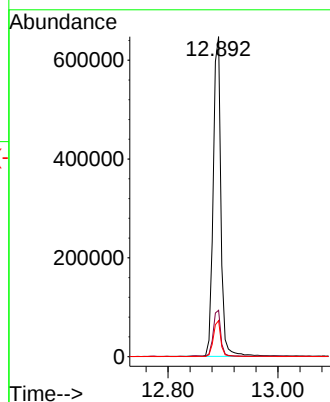
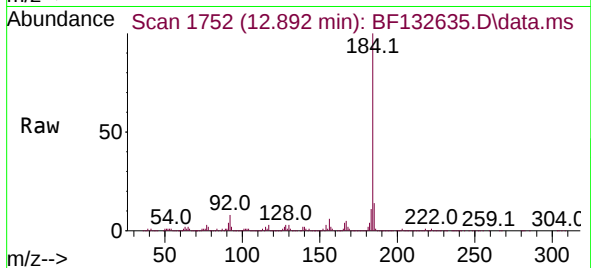
VNJ-223MSD

Tgt Ion:	184	Resp:	633504
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.7	17.5
183	11.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#78

Pyrene

Concen: 57.083 ng

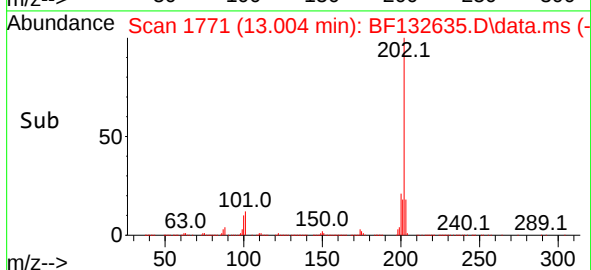
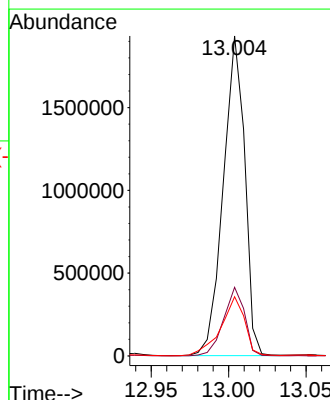
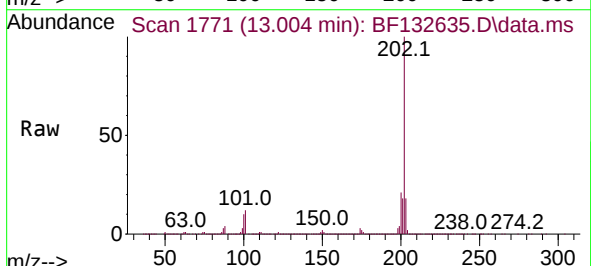
RT: 13.004 min Scan# 1771

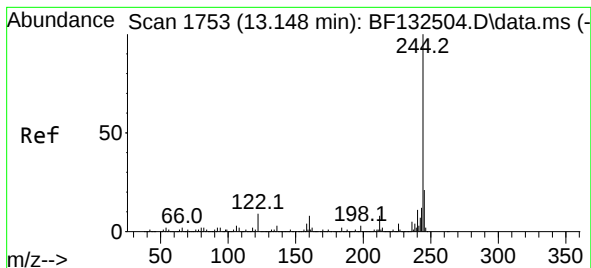
Delta R.T. 0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

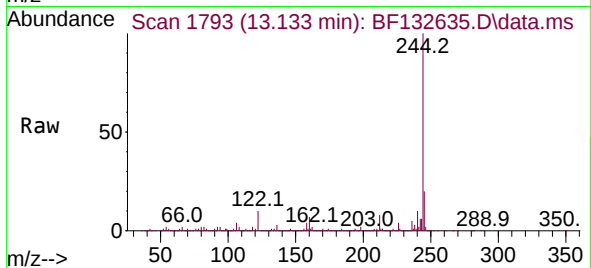
Tgt Ion:	202	Resp:	1870251
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.1	25.7
203	18.5	14.6	21.8





#79
Terphenyl-d14
Concen: 61.341 ng
RT: 13.133 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

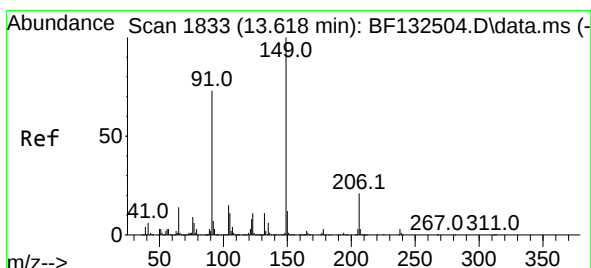
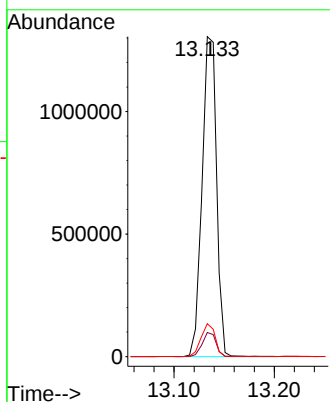
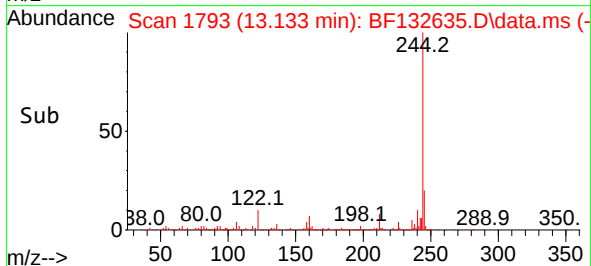
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



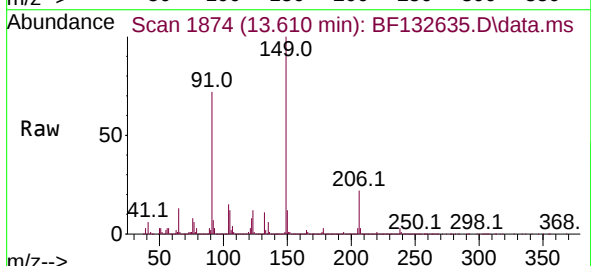
Tgt Ion:244 Resp: 1307440
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 10.3 7.5 11.3

Manual Integrations
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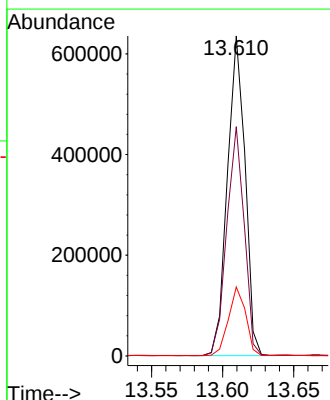
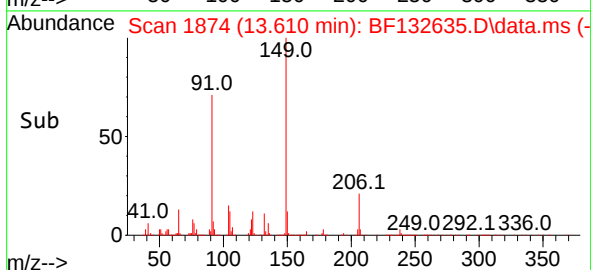
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

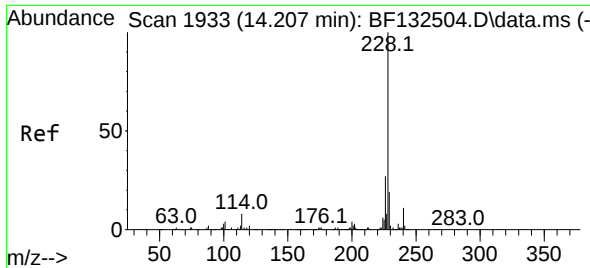


#80
Butylbenzylphthalate
Concen: 42.560 ng
RT: 13.610 min Scan# 1874
Delta R.T. -0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



Tgt Ion:149 Resp: 550274
Ion Ratio Lower Upper
149 100
91 71.6 58.4 87.6
206 21.5 16.8 25.2





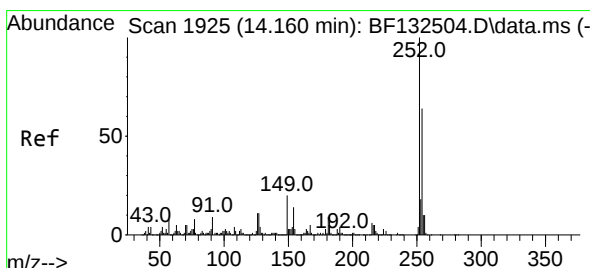
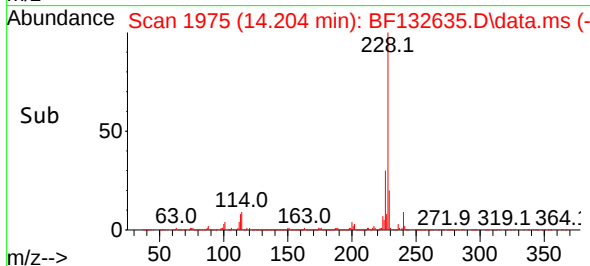
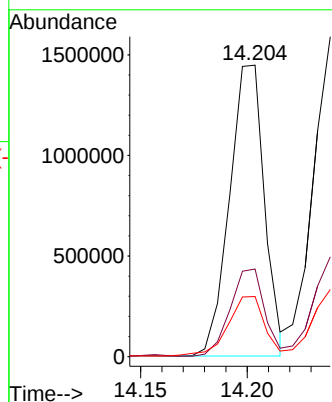
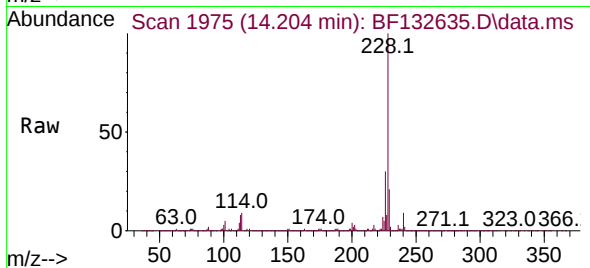
#81
Benzo(a)anthracene
Concen: 61.105 ng
RT: 14.204 min Scan# 1933
Delta R.T. 0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

Tgt Ion:228 Resp: 1647625
Ion Ratio Lower Upper
228 100
226 30.1 21.7 32.5
229 20.6 15.4 23.2

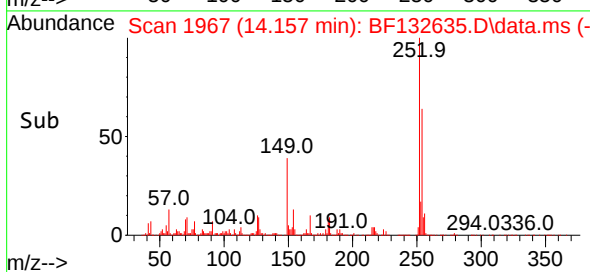
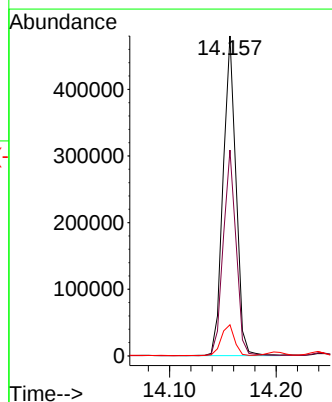
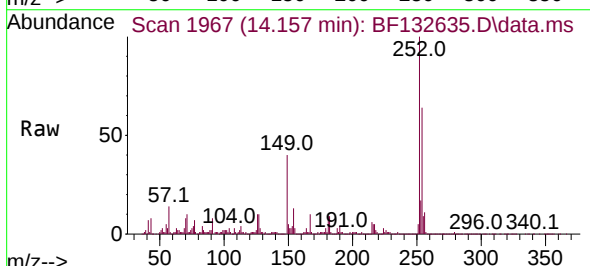
Manual Integrations
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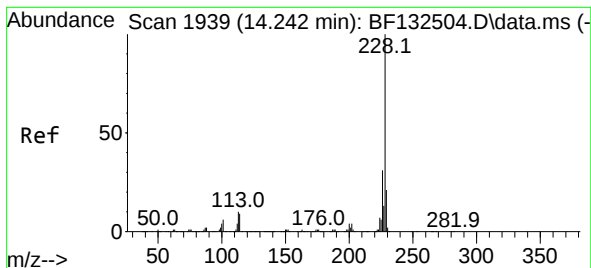
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#82
3,3'-Dichlorobenzidine
Concen: 50.893 ng
RT: 14.157 min Scan# 1967
Delta R.T. 0.003 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

Tgt Ion:252 Resp: 404570
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 9.7 8.9 13.3





#83

Chrysene

Concen: 61.901 ng

RT: 14.239 min Scan# 1939

Delta R.T. 0.003 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

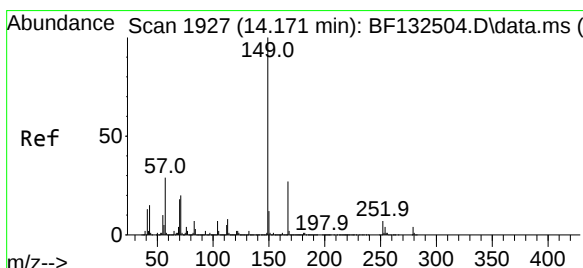
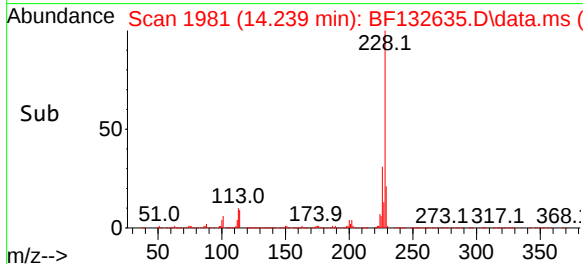
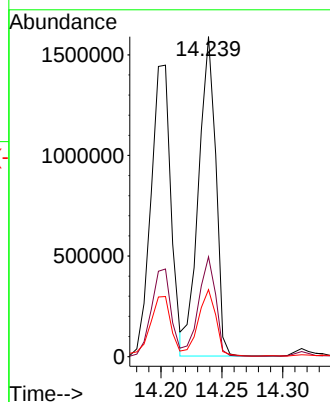
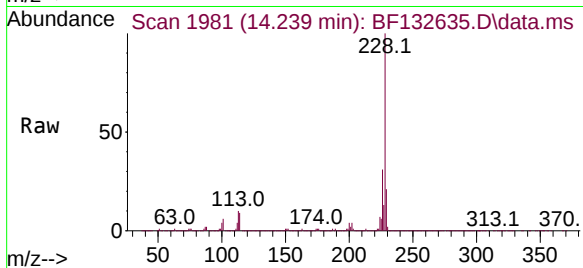
Tgt Ion:228 Resp: 1560804

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.9	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.406 ng

RT: 14.168 min Scan# 1969

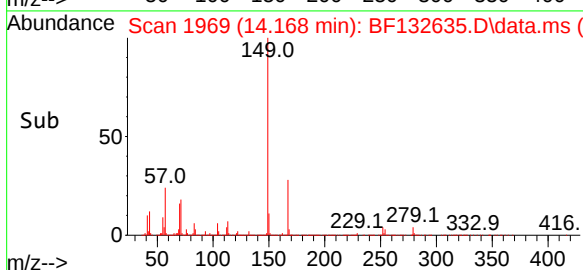
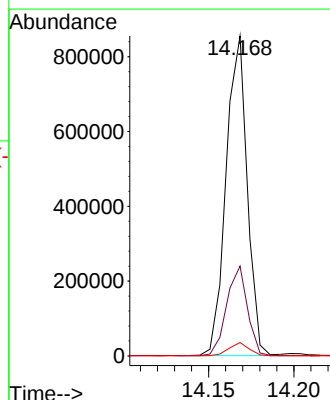
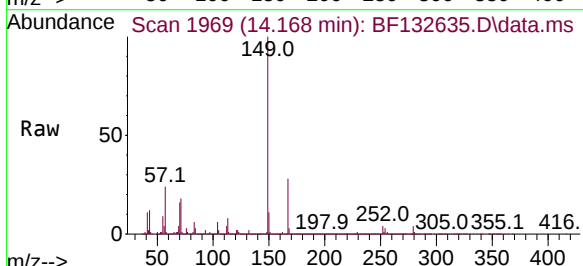
Delta R.T. 0.003 min

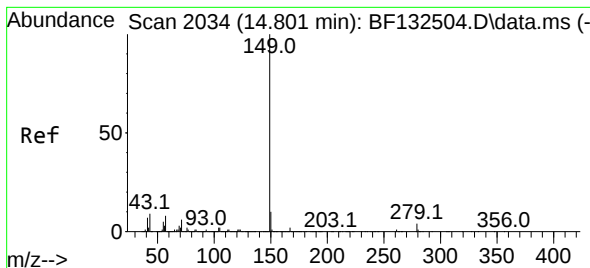
Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Tgt Ion:149 Resp: 737072

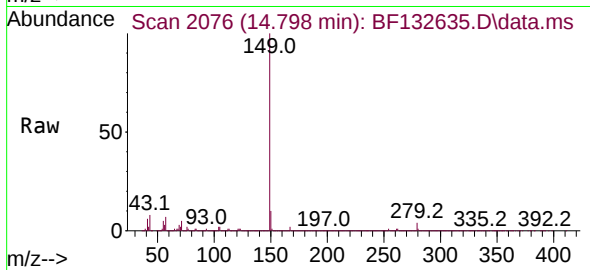
Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.8	32.6
279	4.2	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 59.919 ng
RT: 14.798 min Scan# 2034
Delta R.T. 0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38

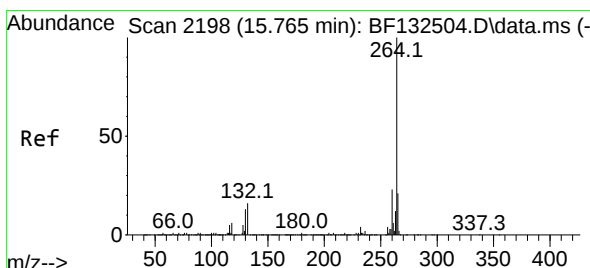
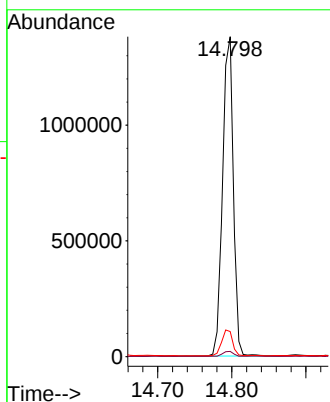
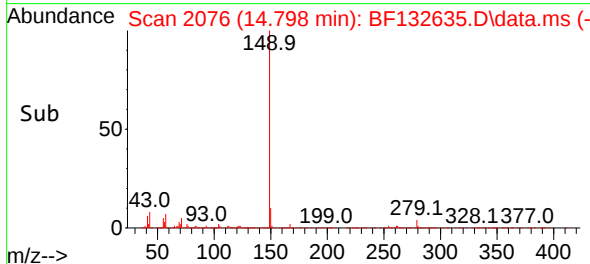
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD



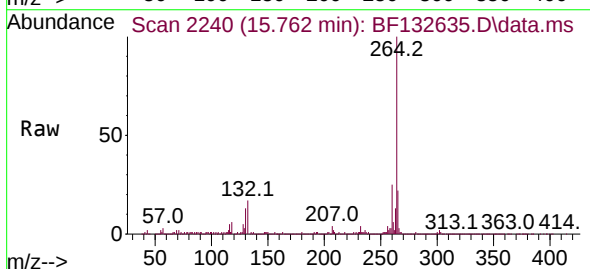
Tgt Ion:149 Resp: 1390726
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 7.2 10.8

Manual Integrations
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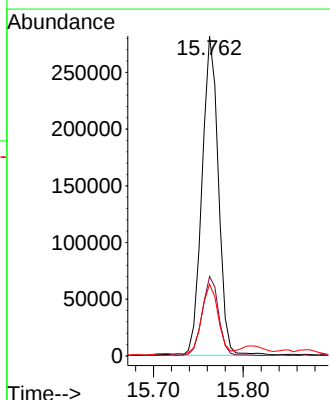
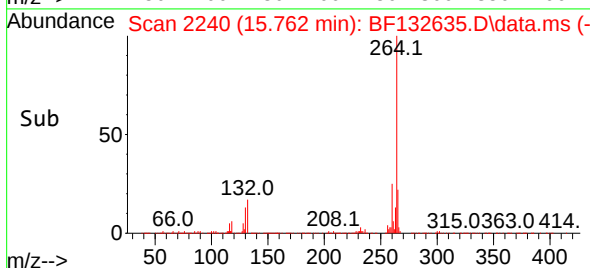
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

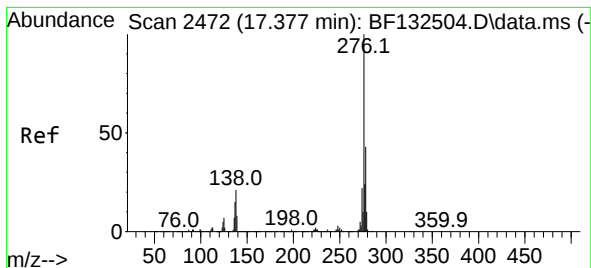


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.762 min Scan# 2240
Delta R.T. 0.009 min
Lab File: BF132635.D
Acq: 03 Mar 2023 18:38



Tgt Ion:264 Resp: 357732
Ion Ratio Lower Upper
264 100
260 24.8 18.8 28.2
265 22.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.166 ng

RT: 17.374 min Scan# 2162

Delta R.T. 0.015 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

Tgt Ion:276 Resp: 1082134

Ion Ratio Lower Upper

276 100

138 23.5 19.0 28.4

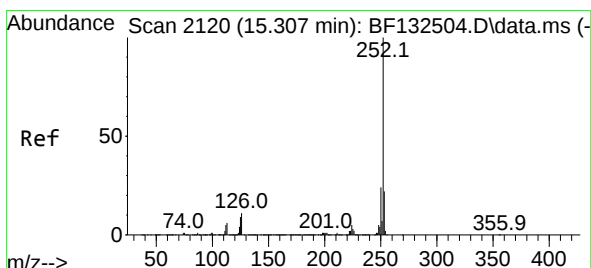
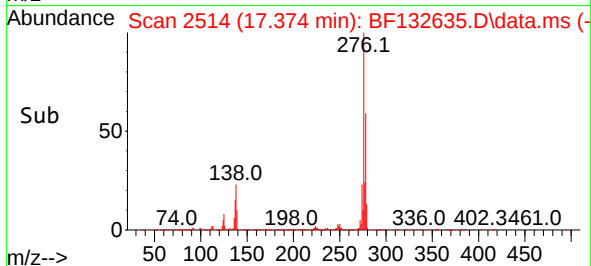
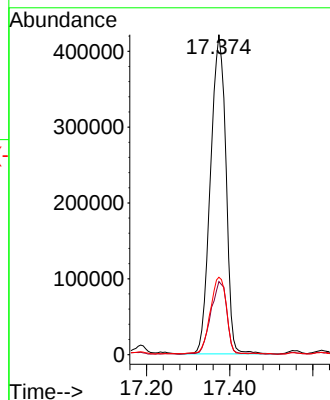
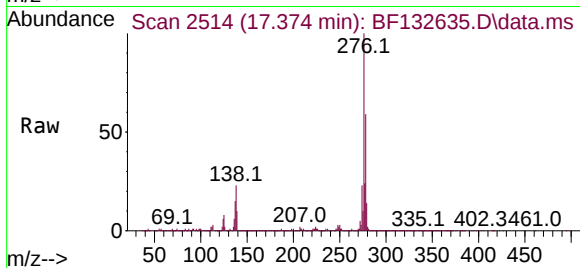
277 24.9 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#88

Benzo(b)fluoranthene

Concen: 73.213 ng

RT: 15.304 min Scan# 2162

Delta R.T. 0.009 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

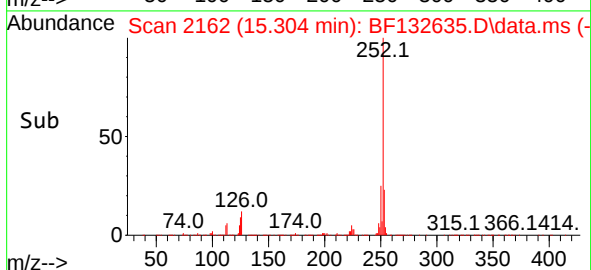
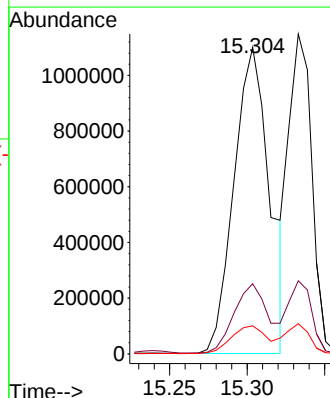
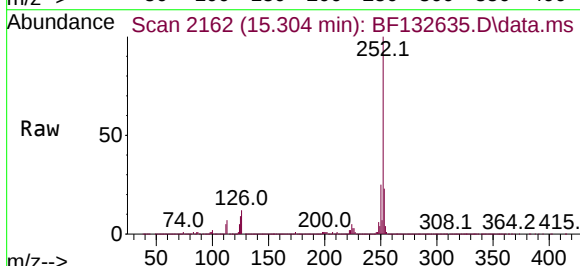
Tgt Ion:252 Resp: 1755163

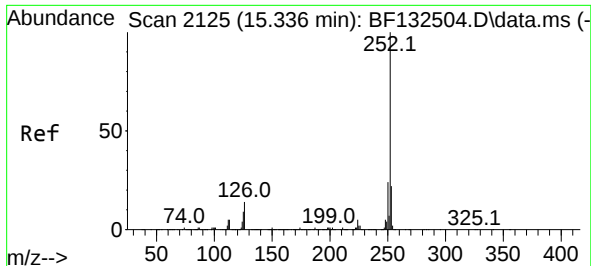
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 9.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 50.945 ng

RT: 15.333 min Scan# 21

Delta R.T. 0.009 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

Tgt Ion:252 Resp: 1195300

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

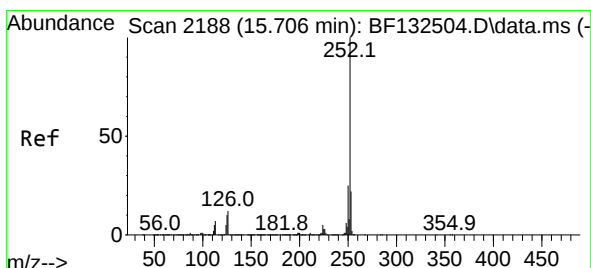
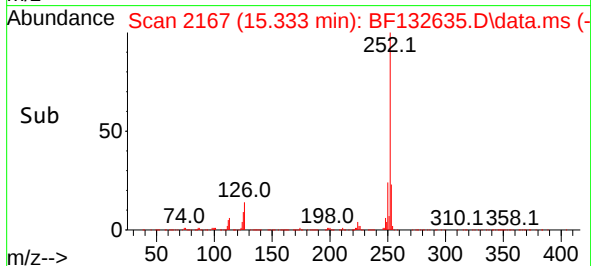
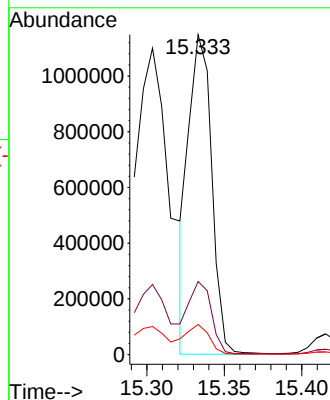
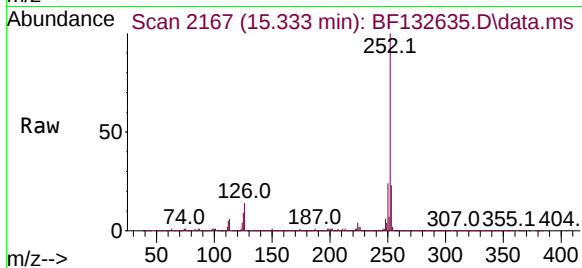
125 9.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#90

Benzo(a)pyrene

Concen: 57.027 ng

RT: 15.704 min Scan# 2230

Delta R.T. 0.015 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

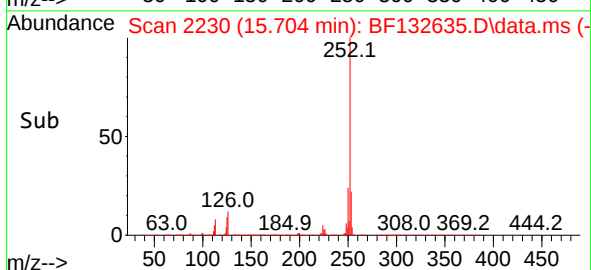
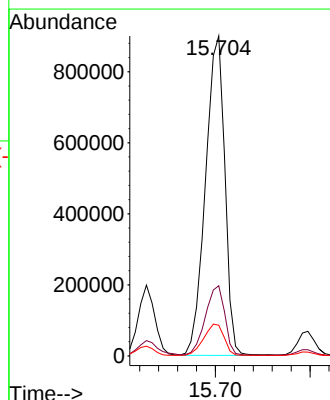
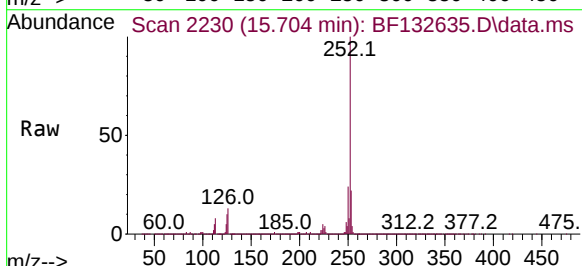
Tgt Ion:252 Resp: 1279533

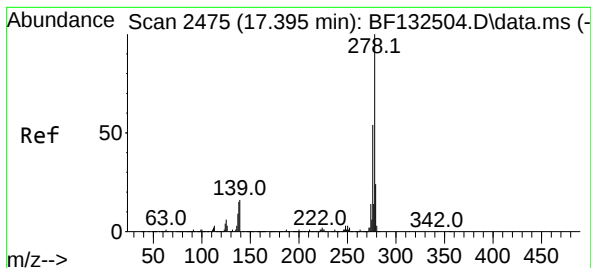
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.6 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 42.146 ng

RT: 17.386 min Scan# 2475

Delta R.T. 0.009 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

Tgt Ion:278 Resp: 804919

Ion Ratio Lower Upper

278 100

139 15.0 13.0 19.4

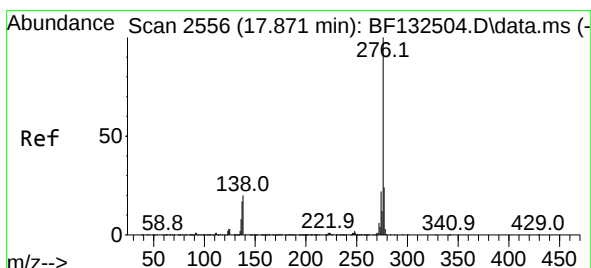
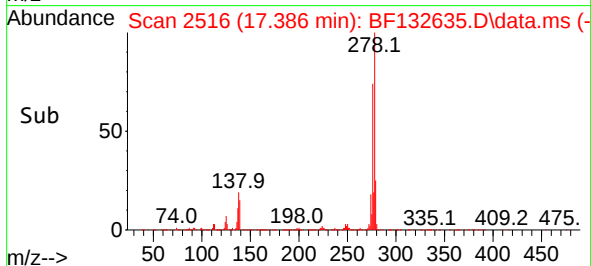
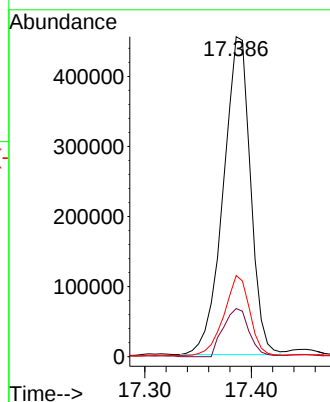
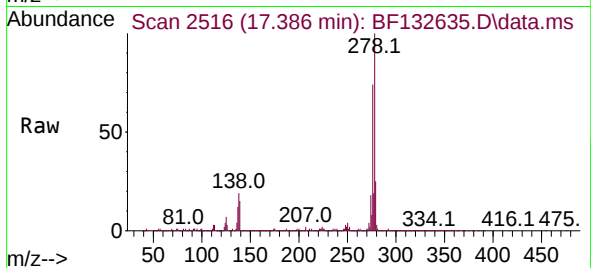
279 25.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#92

Benzo(g,h,i)perylene

Concen: 40.200 ng

RT: 17.862 min Scan# 2597

Delta R.T. 0.009 min

Lab File: BF132635.D

Acq: 03 Mar 2023 18:38

Tgt Ion:276 Resp: 861780

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 20.8 16.2 24.4

