

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134127.D
 Acq On : 07 Jul 2023 09:04
 Operator : CG\JU
 Sample : 03487-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/09/2023

Quant Time: Jul 07 13:48:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	104790	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	400735	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	201758	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	380118	20.000	ng	0.00
76) Chrysene-d12	14.039	240	210333	20.000	ng	#-0.01
86) Perylene-d12	15.539	264	220837	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	885573	141.364	ng	0.00
7) Phenol-d6	6.492	99	1072292	139.185	ng	0.00
23) Nitrobenzene-d5	7.416	82	717609	96.530	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	352255	139.251	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1273236	91.751	ng	0.00
79) Terphenyl-d14	12.974	244	1352732	103.508	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	137381	53.186	ng	98
3) Pyridine	3.493	79	357010	53.062	ng	99
4) n-Nitrosodimethylamine	3.463	42	232332	60.461	ng	100
6) Aniline	6.510	93	432520	46.136	ng	# 81
8) 2-Chlorophenol	6.634	128	392911	61.786	ng	97
9) Benzaldehyde	6.398	77	266015	93.537	ng	97
10) Phenol	6.504	94	475321	58.680	ng	88
11) bis(2-Chloroethyl)ether	6.586	93	368729	61.830	ng	99
12) 1,3-Dichlorobenzene	6.786	146	416605	61.449	ng	99
13) 1,4-Dichlorobenzene	6.863	146	428953	62.641	ng	99
14) 1,2-Dichlorobenzene	7.016	146	399489	62.292	ng	98
15) Benzyl Alcohol	6.992	79	353429	59.509	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	603671	57.218	ng	97
17) 2-Methylphenol	7.104	107	327155	57.451	ng	97
18) Hexachloroethane	7.351	117	161157	63.471	ng	94
19) n-Nitroso-di-n-propyla...	7.263	70	273492	55.979	ng	97
20) 3+4-Methylphenols	7.257	107	387939	56.155	ng	91
22) Acetophenone	7.257	105	537125	58.936	ng	98
24) Nitrobenzene	7.433	77	430250	57.273	ng	97
25) Isophorone	7.669	82	775545	57.402	ng	99
26) 2-Nitrophenol	7.745	139	216891	60.184	ng	97
27) 2,4-Dimethylphenol	7.781	122	331213	58.062	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	438142	56.005	ng	99
29) 2,4-Dichlorophenol	7.986	162	329615	58.270	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	346743	59.407	ng	99
31) Naphthalene	8.151	128	1091386	56.383	ng	99
32) Benzoic acid	7.916	122	243880m	57.054	ng	
33) 4-Chloroaniline	8.198	127	76888	9.286	ng	96
34) Hexachlorobutadiene	8.263	225	218452	59.332	ng	99
35) Caprolactam	8.586	113	108177m	58.081	ng	
36) 4-Chloro-3-methylphenol	8.686	107	371572	58.472	ng	98
37) 2-Methylnaphthalene	8.839	142	729524	53.295	ng	99
38) 1-Methylnaphthalene	8.939	142	677628	53.251	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	344603	57.651	ng	98
41) Hexachlorocyclopentadiene	8.992	237	372150	131.233	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	229321	56.357	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	251896	52.628	ng	96
46) 1,1'-Biphenyl	9.310	154	917973	56.720	ng	98
47) 2-Chloronaphthalene	9.333	162	686450	57.970	ng	98
48) 2-Nitroaniline	9.433	65	245987	57.000	ng	97
49) Acenaphthylene	9.751	152	1107162	54.734	ng	99
50) Dimethylphthalate	9.610	163	812307	55.464	ng	99
51) 2,6-Dinitrotoluene	9.675	165	181547	57.553	ng	89
52) Acenaphthene	9.922	154	661457	56.354	ng	99
53) 3-Nitroaniline	9.845	138	116149	30.692	ng	97
54) 2,4-Dinitrophenol	9.963	184	215621	116.509	ng	91
55) Dibenzofuran	10.098	168	998202	54.416	ng	99
56) 4-Nitrophenol	10.016	139	300293	113.444	ng	94
57) 2,4-Dinitrotoluene	10.086	165	231477	55.566	ng	89
58) Fluorene	10.439	166	773342	54.188	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	211170	55.932	ng	97
60) Diethylphthalate	10.316	149	816821	53.532	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	376770	54.782	ng	97
62) 4-Nitroaniline	10.469	138	199638	52.347	ng	99
63) Azobenzene	10.592	77	828340	57.391	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	134804	65.048	ng	99
66) n-Nitrosodiphenylamine	10.551	169	693282	57.084	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	236088	58.435	ng	96
68) Hexachlorobenzene	10.986	284	268584	62.611	ng	98
69) Atrazine	11.086	200	222998	66.381	ng	99
70) Pentachlorophenol	11.186	266	268232	104.578	ng	97
71) Phenanthrene	11.404	178	1094320	57.187	ng	100
72) Anthracene	11.457	178	1122125	56.379	ng	99
73) Carbazole	11.616	167	1055689	57.948	ng	99
74) Di-n-butylphthalate	11.945	149	1217320	56.190	ng	99
75) Fluoranthene	12.604	202	1140768	55.143	ng	98
77) Benzidine	12.727	184	420605	84.041	ng	99
78) Pyrene	12.833	202	1144361	58.462	ng	100
80) Butylbenzylphthalate	13.457	149	439260	59.834	ng	97
81) Benzo(a)anthracene	14.033	228	845433	57.958	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	196985	42.624	ng	98
83) Chrysene	14.068	228	799413	56.582	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	514669	61.012	ng	99
85) Di-n-octyl phthalate	14.639	149	757520	61.115	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	919272	59.989	ng	99
88) Benzo(b)fluoranthene	15.098	252	750743	57.814	ng	99
89) Benzo(k)fluoranthene	15.133	252	719040	54.386	ng	98
90) Benzo(a)pyrene	15.480	252	701385	55.857	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	754116	60.250	ng	98
92) Benzo(g,h,i)perylene	17.568	276	804926	62.362	ng	100

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

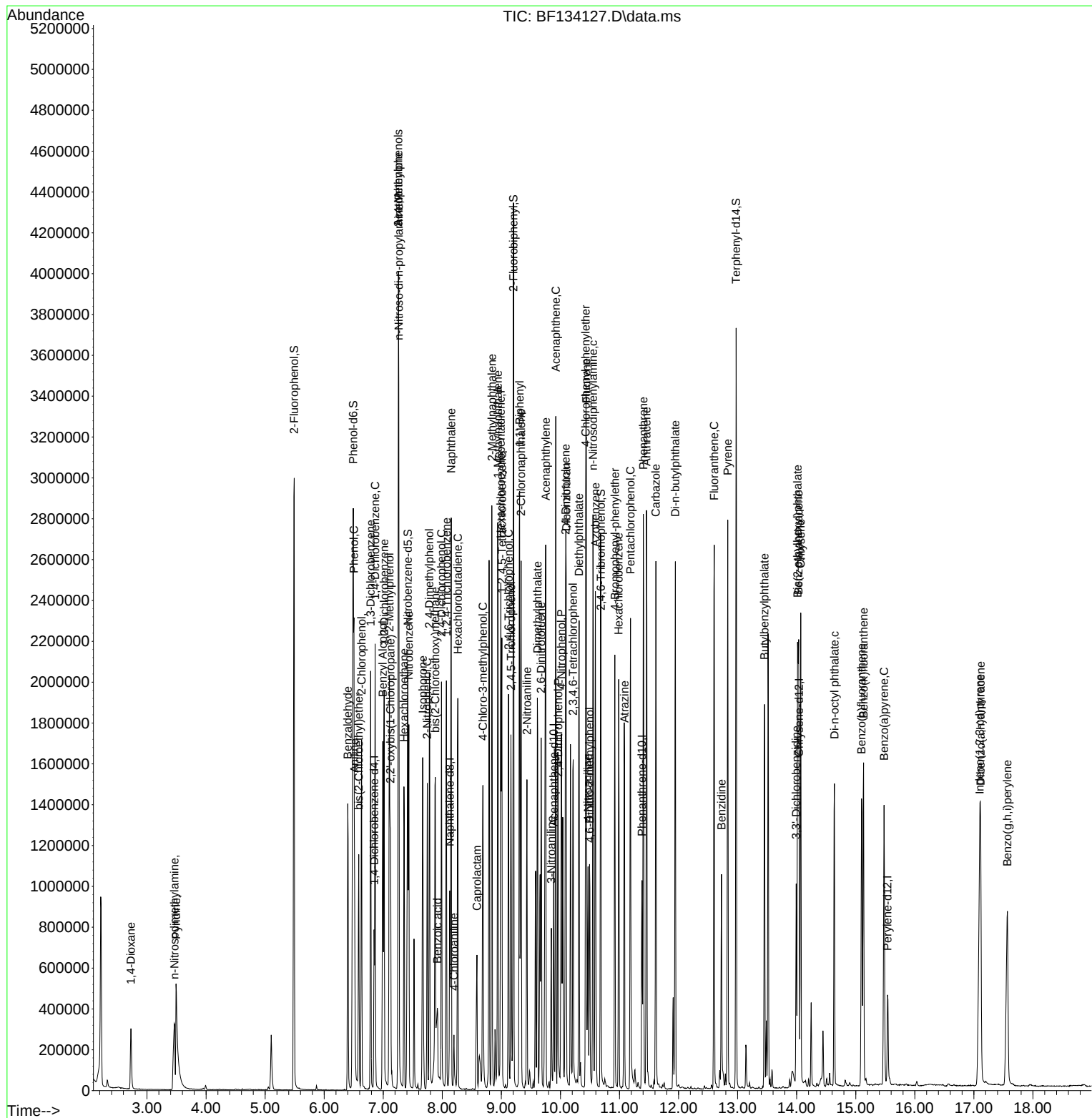
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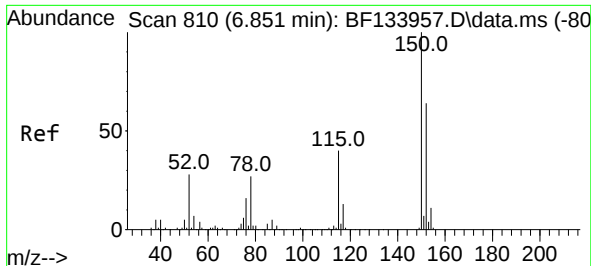
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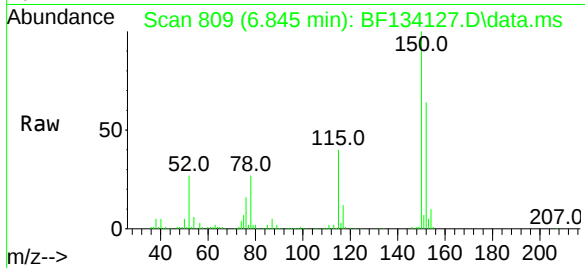
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 810
 Delta R.T. -0.006 min
 Lab File: BF134127.D
 Acq: 07 Jul 2023 09:04

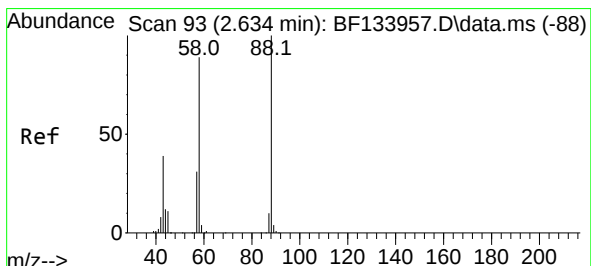
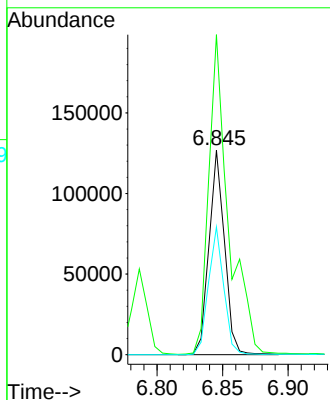
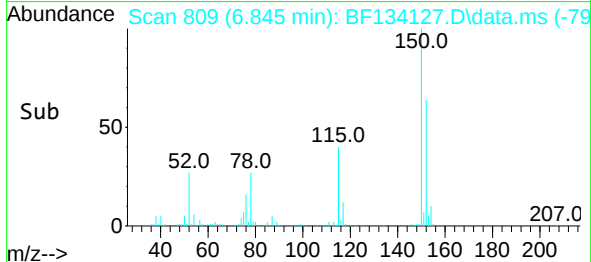
Instrument :
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 ClientSampleId :
 BERGEN-COMPMSD



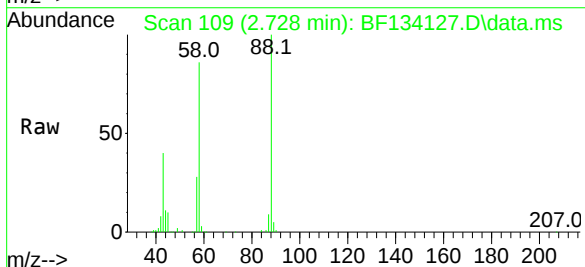
Tgt Ion:152 Resp: 104790
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.5 186.7
 115 62.4 50.2 75.2

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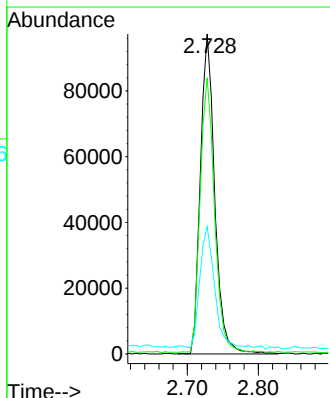
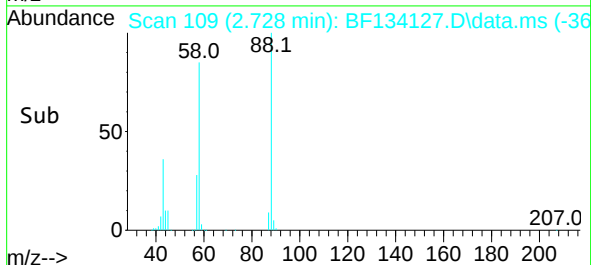
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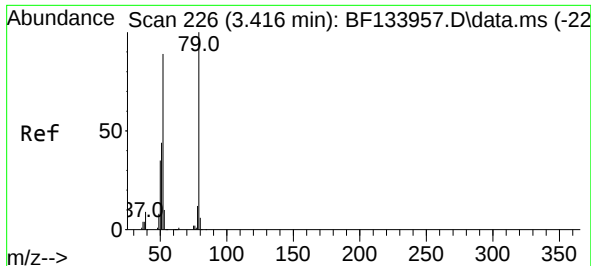


#2
 1,4-Dioxane
 Concen: 53.186 ng
 RT: 2.728 min Scan# 109
 Delta R.T. 0.082 min
 Lab File: BF134127.D
 Acq: 07 Jul 2023 09:04



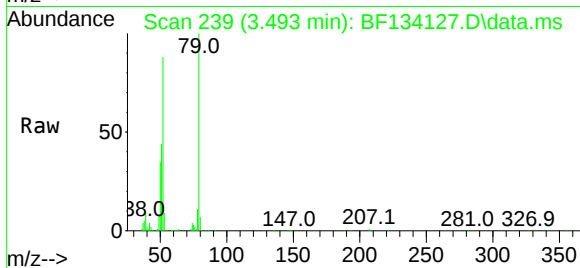
Tgt Ion: 88 Resp: 137381
 Ion Ratio Lower Upper
 88 100
 58 85.4 68.8 103.2
 43 40.7 30.7 46.1





#3
Pyridine
Concen: 53.062 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

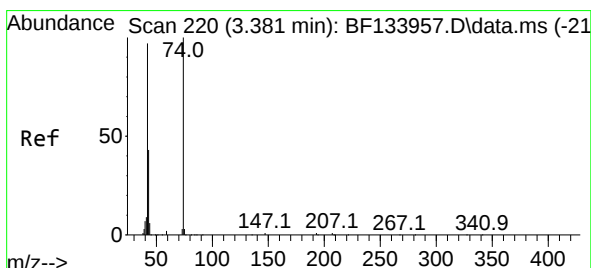
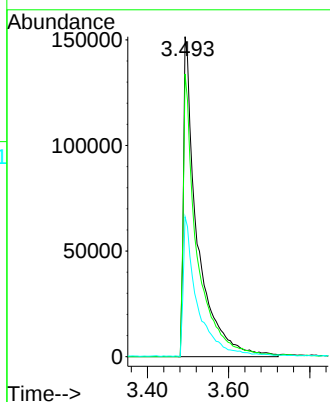
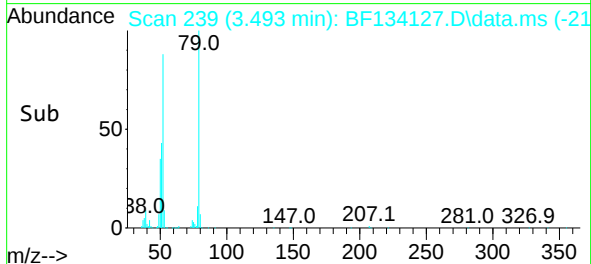
Instrument :
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ClientSampleId :
BERGEN-COMPMSD



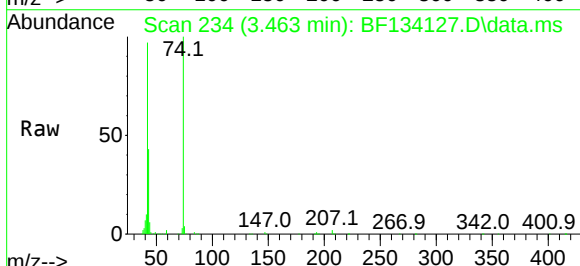
Tgt Ion: 79 Resp: 357010
Ion Ratio Lower Upper
79 100
52 88.3 71.1 106.7
51 43.7 35.2 52.8

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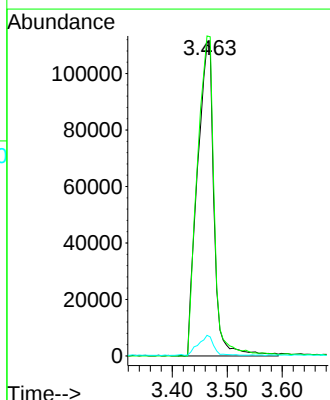
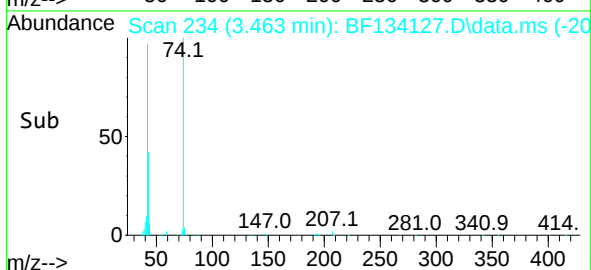
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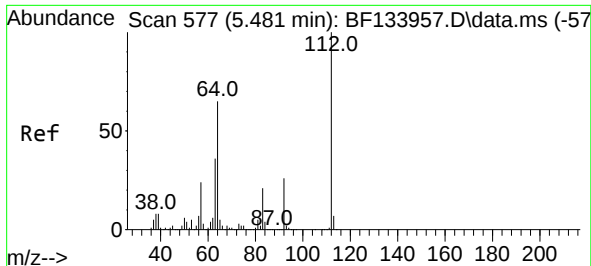


#4
n-Nitrosodimethylamine
Concen: 60.461 ng
RT: 3.463 min Scan# 234
Delta R.T. 0.059 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04



Tgt Ion: 42 Resp: 232332
Ion Ratio Lower Upper
42 100
74 102.8 82.4 123.6
44 6.7 4.9 7.3





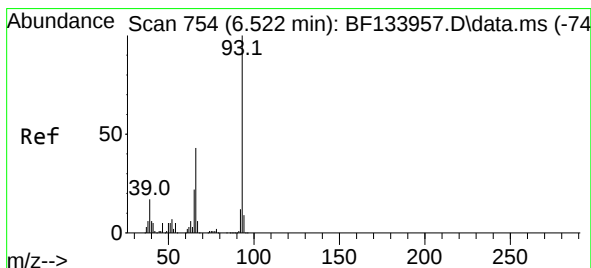
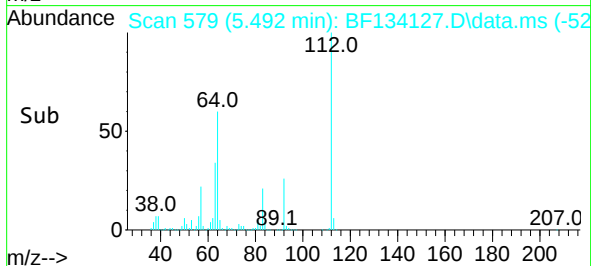
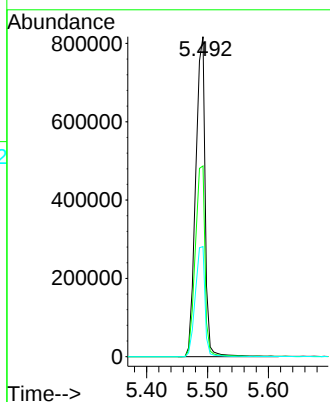
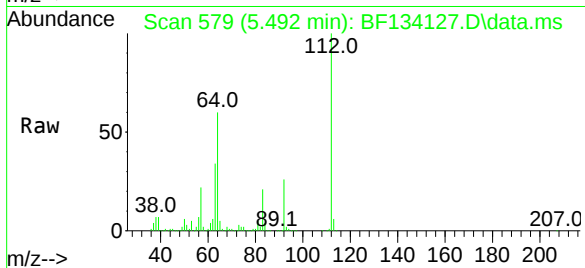
#5
2-Fluorophenol
Concen: 141.364 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD

Tgt Ion:112 Resp: 88557
Ion Ratio Lower Upper
112 100
64 59.6 52.1 78.1
63 34.4 28.6 42.8

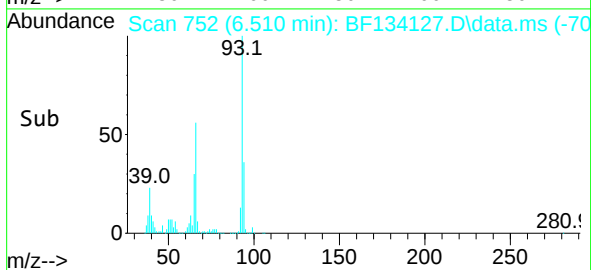
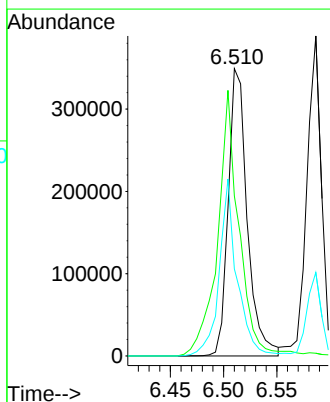
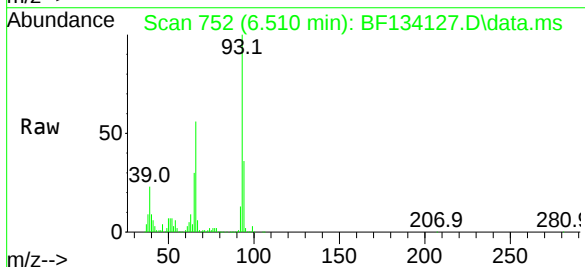
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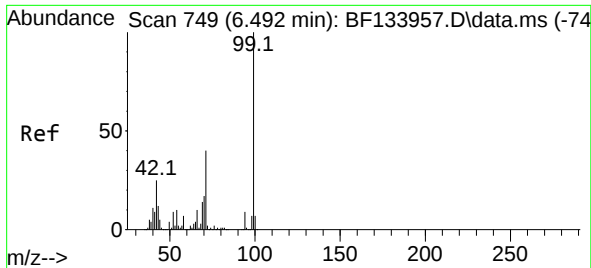
Reviewed By :Yogesh Patel 07/07/2023
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#6
Aniline
Concen: 46.136 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

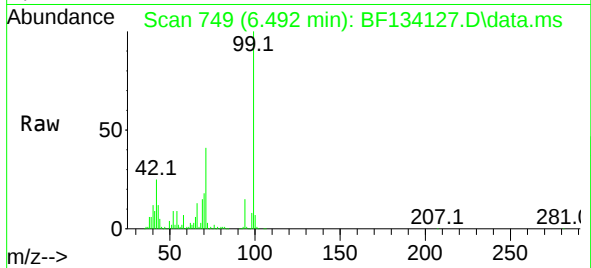
Tgt Ion: 93 Resp: 432520
Ion Ratio Lower Upper
93 100
66 55.7 34.5 51.7#
65 30.3 17.8 26.6#





#7
Phenol-d6
Concen: 139.185 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

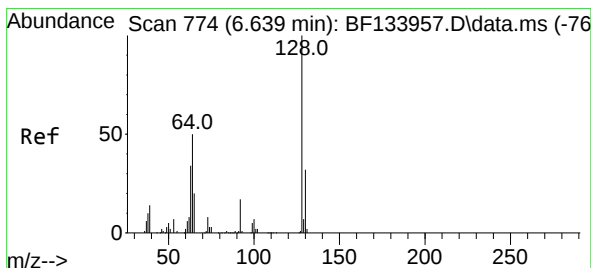
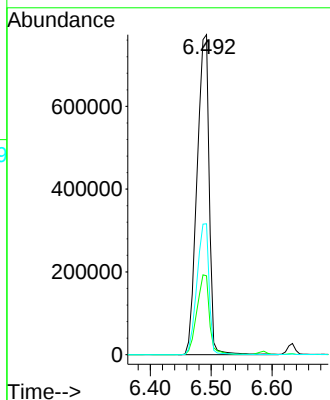
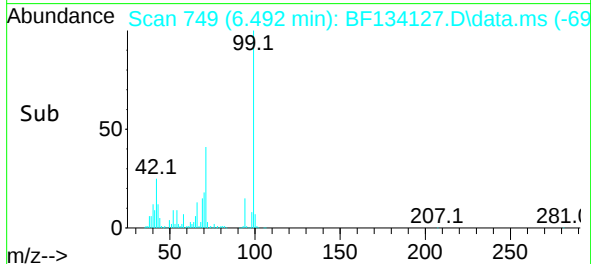
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Tgt Ion: 99 Resp: 107229
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.6
71 40.9 31.9 47.9

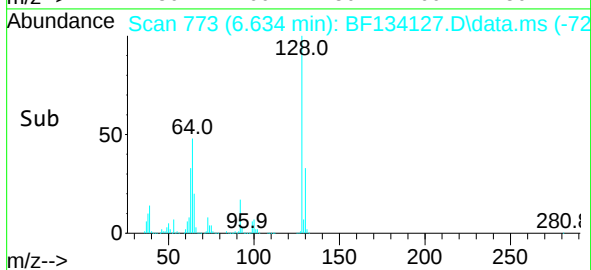
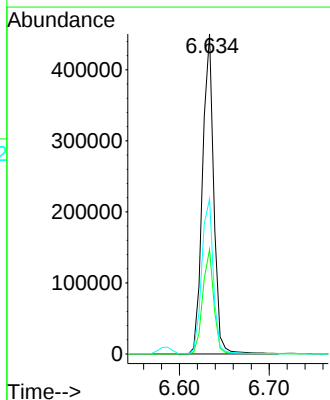
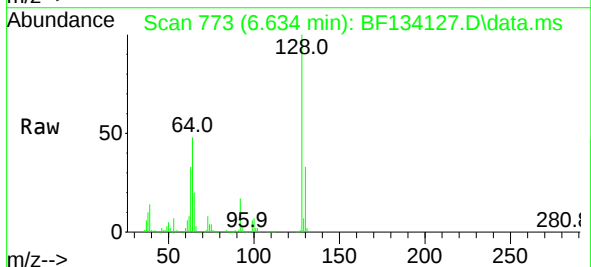
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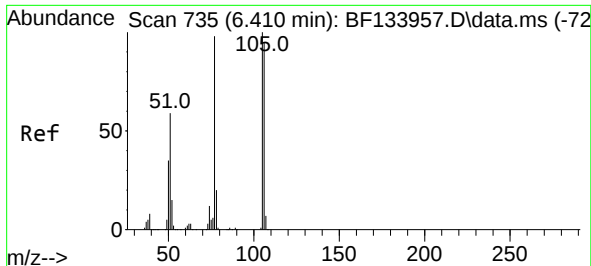
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#8
2-Chlorophenol
Concen: 61.786 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

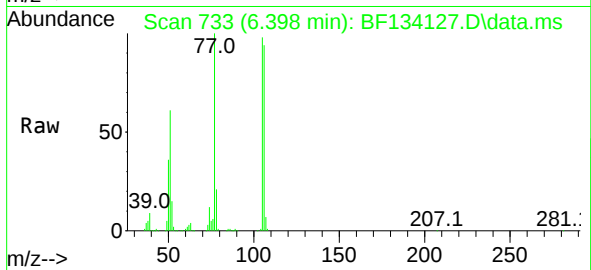
Tgt Ion:128 Resp: 392911
Ion Ratio Lower Upper
128 100
130 32.7 11.7 51.7
64 48.5 31.3 71.3





#9
Benzaldehyde
Concen: 93.537 ng
RT: 6.398 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF134127.D
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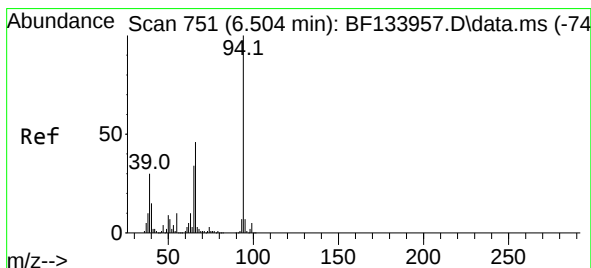
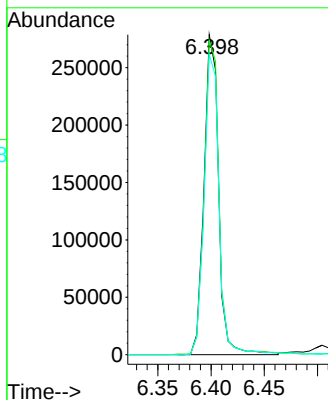
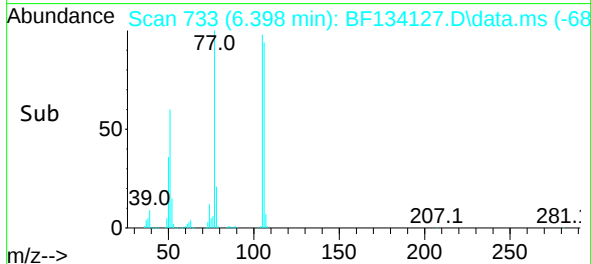
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Tgt Ion: 77 Resp: 266015
Ion Ratio Lower Upper
77 100
105 98.3 82.0 122.0
106 93.9 76.9 116.9

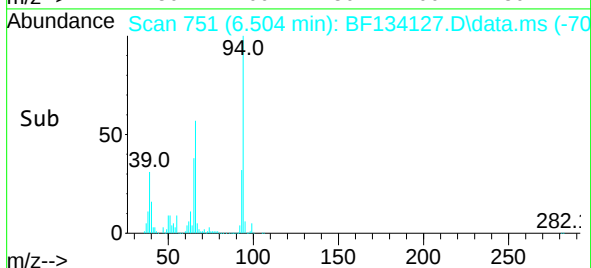
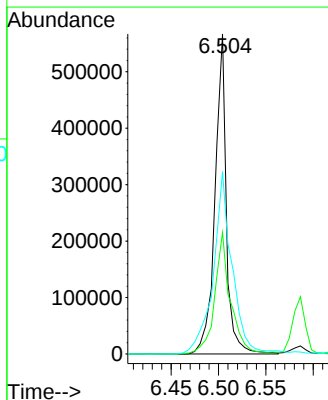
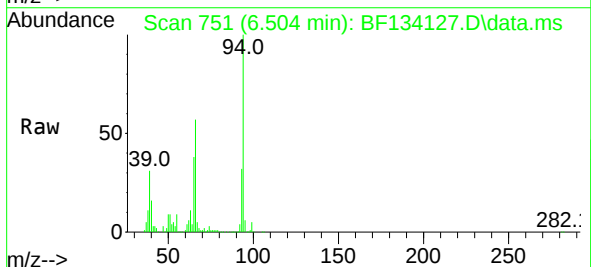
Manual Integrations
APPROVED

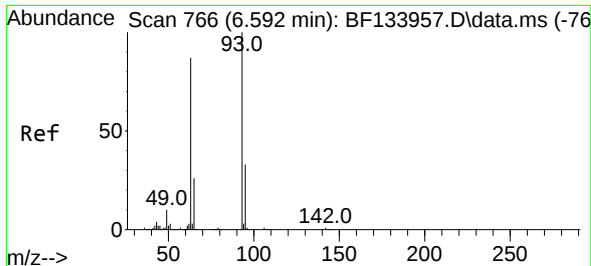
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#10
Phenol
Concen: 58.680 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

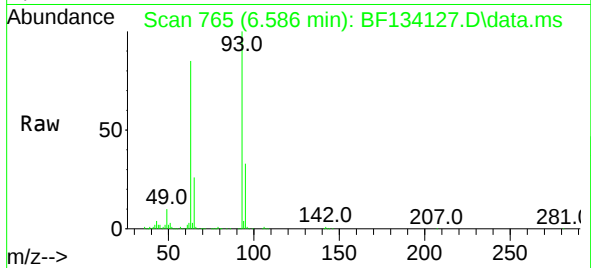
Tgt Ion: 94 Resp: 475321
Ion Ratio Lower Upper
94 100
65 37.9 14.2 54.2
66 56.9 26.4 66.4





#11
bis(2-Chloroethyl)ether
Concen: 61.830 ng
RT: 6.586 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

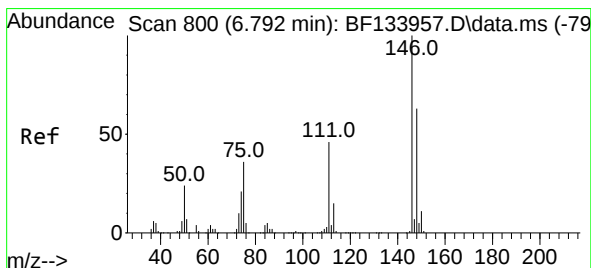
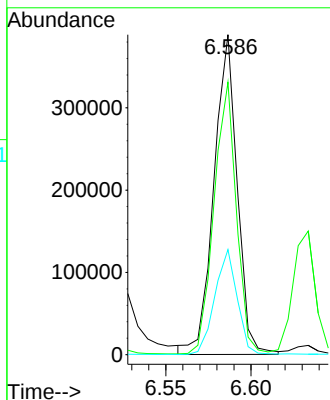
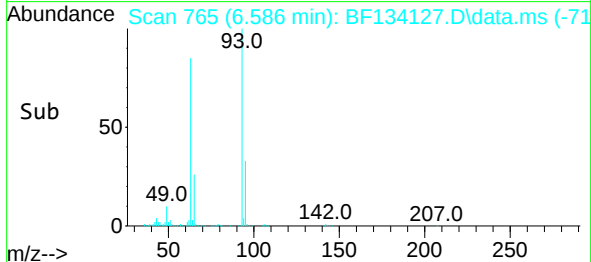
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



Tgt Ion: 93 Resp: 368729
Ion Ratio Lower Upper
93 100
63 85.1 66.5 106.5
95 32.8 12.9 52.9

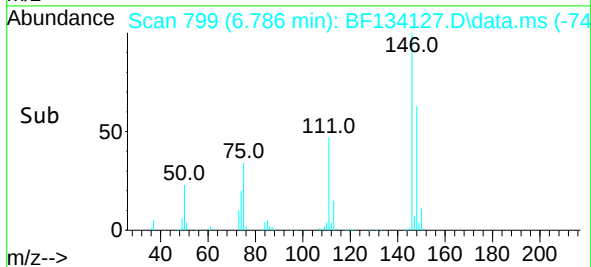
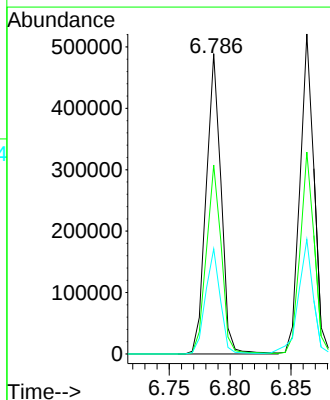
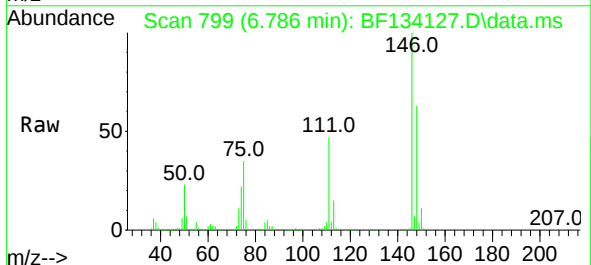
Manual Integrations
APPROVED

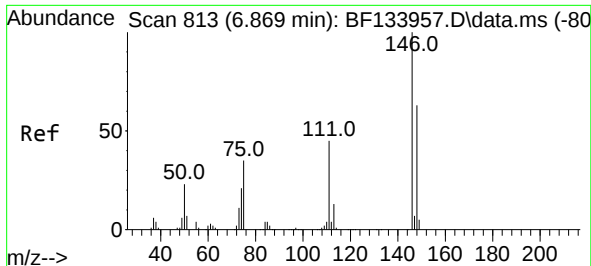
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#12
1,3-Dichlorobenzene
Concen: 61.449 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

Tgt Ion:146 Resp: 416605
Ion Ratio Lower Upper
146 100
148 62.9 50.5 75.7
75 35.0 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 62.641 ng

RT: 6.863 min Scan# 813

Delta R.T. -0.006 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

Instrument :

BNA_F

ClientSampleId :

BERGEN-COMPMSD

Tgt Ion:146 Resp: 42895

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.2

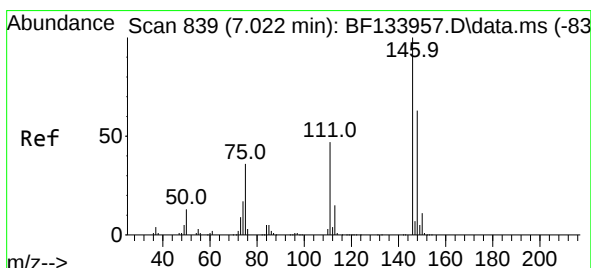
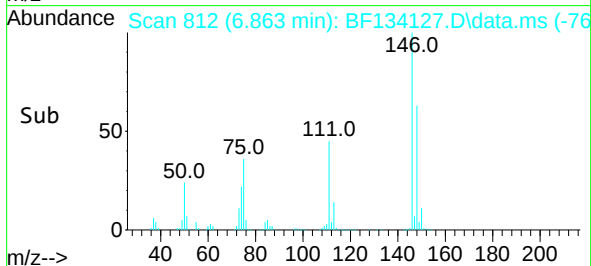
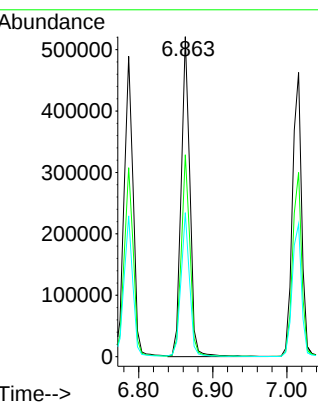
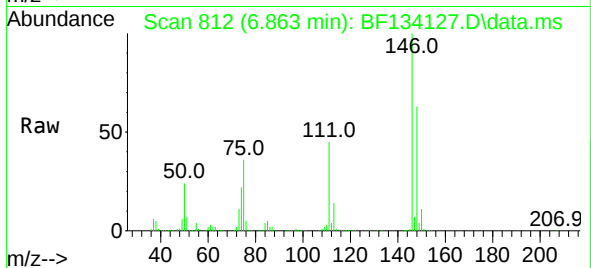
111 45.0 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#14

1,2-Dichlorobenzene

Concen: 62.292 ng

RT: 7.016 min Scan# 838

Delta R.T. -0.006 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

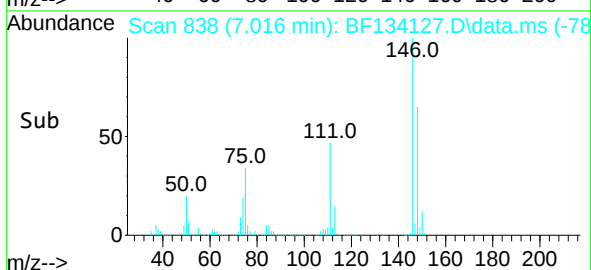
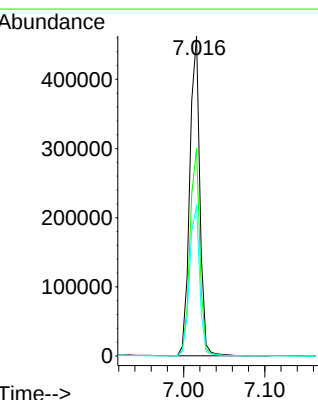
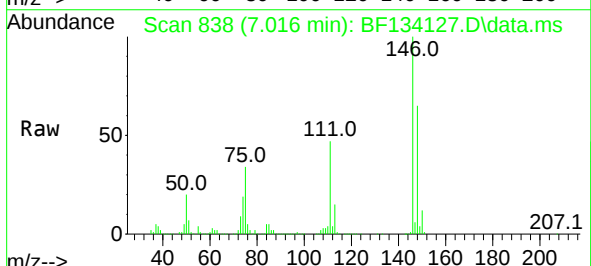
Tgt Ion:146 Resp: 399489

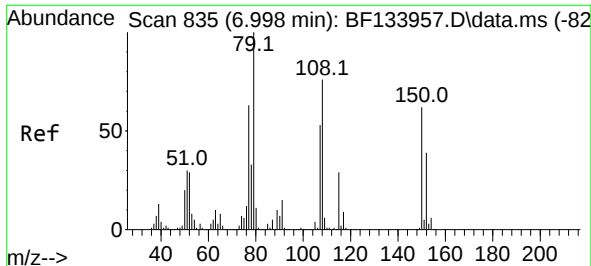
Ion Ratio Lower Upper

146 100

148 64.8 50.6 76.0

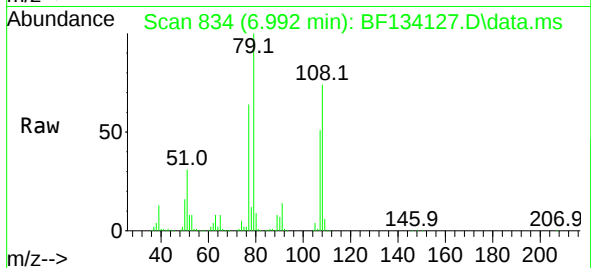
111 46.7 38.0 57.0





#15
Benzyl Alcohol
Concen: 59.509 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

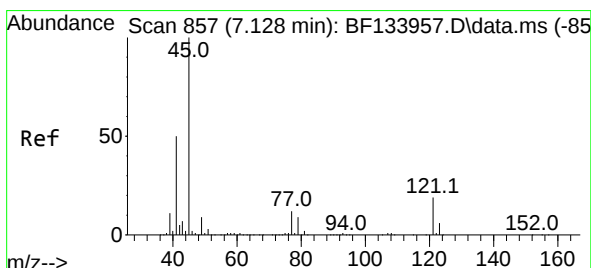
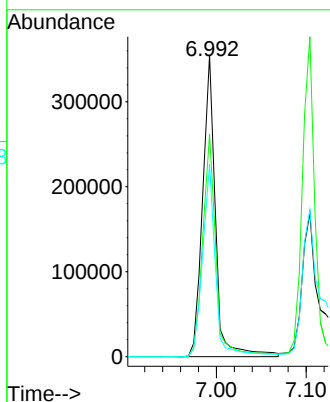
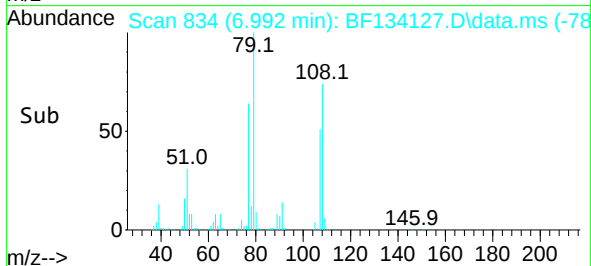
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



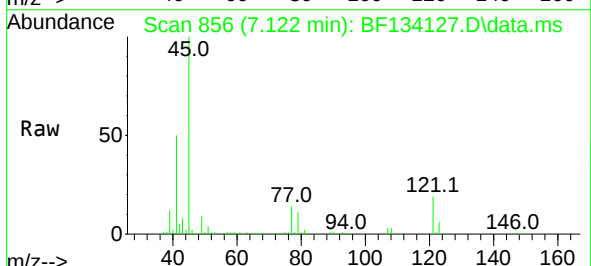
Tgt Ion: 79 Resp: 353429
Ion Ratio Lower Upper
79 100
108 73.7 60.7 91.1
77 63.7 50.6 75.8

Manual Integrations
APPROVED

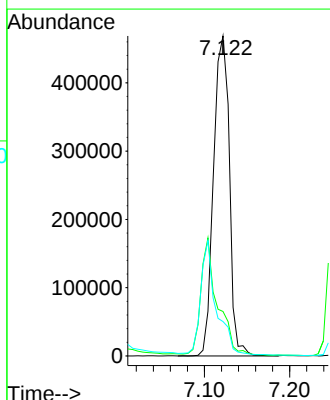
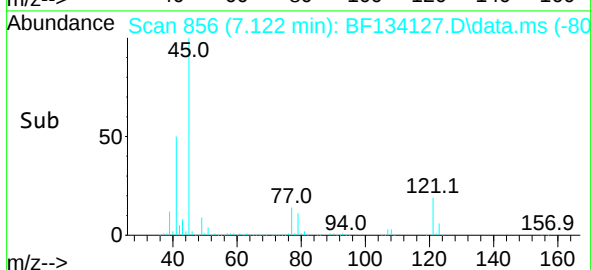
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

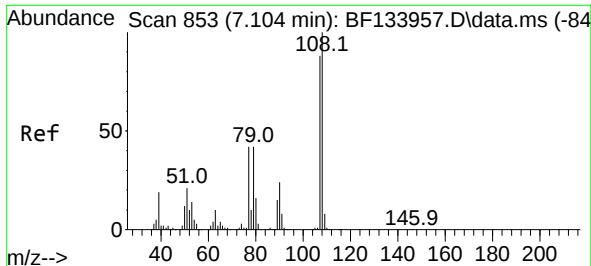


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.218 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04



Tgt Ion: 45 Resp: 603671
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.9
79 10.7 0.0 29.5





#17

2-Methylphenol

Concen: 57.451 ng

RT: 7.104 min Scan# 853

Delta R.T. -0.006 min

Lab File: BF134127.D

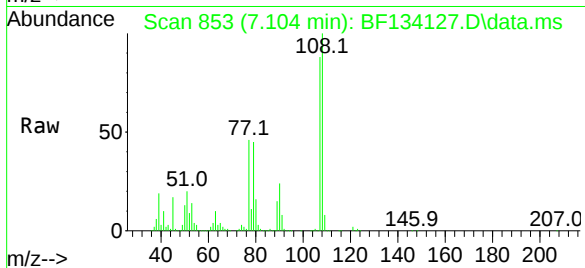
Acq: 07 Jul 2023 09:04

Instrument :

BNA_F

ClientSampleId :

BERGEN-COMPMSD



Tgt Ion:107 Resp: 32715

Ion Ratio Lower Upper

107 100

108 113.9 90.6 136.0

77 52.3 38.3 57.5

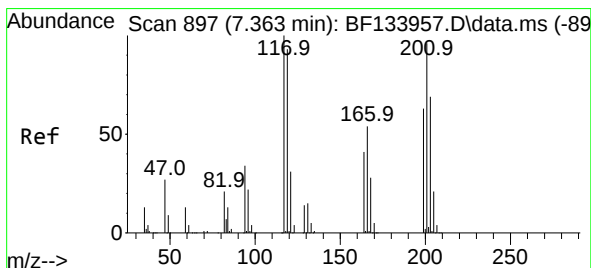
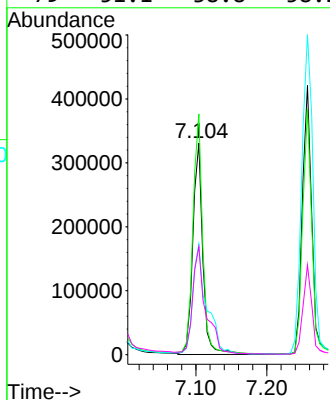
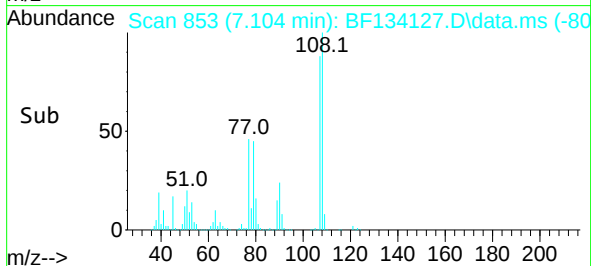
79 51.1 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#18

Hexachloroethane

Concen: 63.471 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

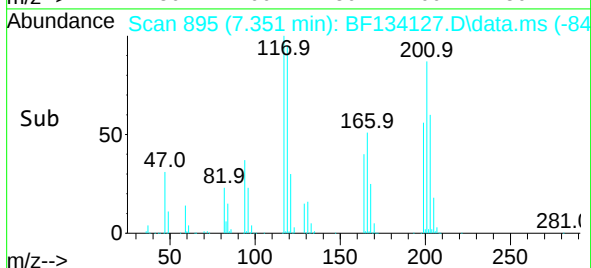
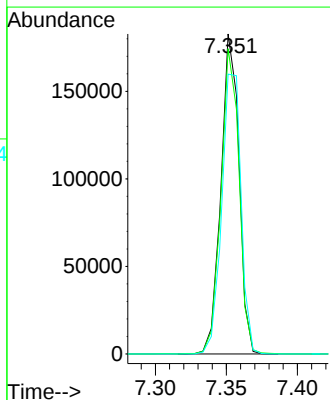
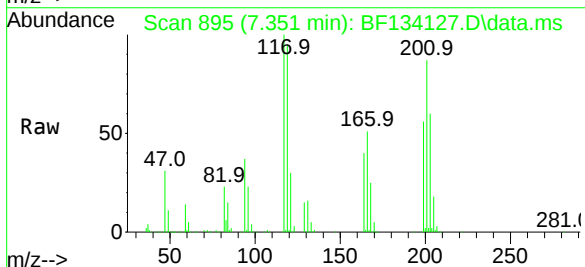
Tgt Ion:117 Resp: 161157

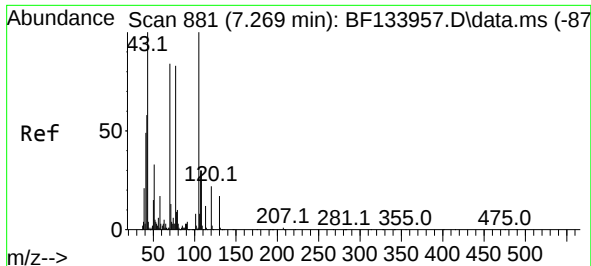
Ion Ratio Lower Upper

117 100

119 95.4 74.2 111.4

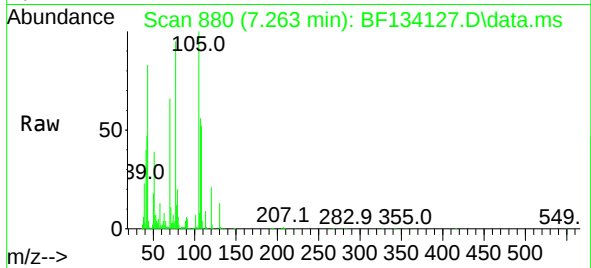
201 87.4 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 55.979 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

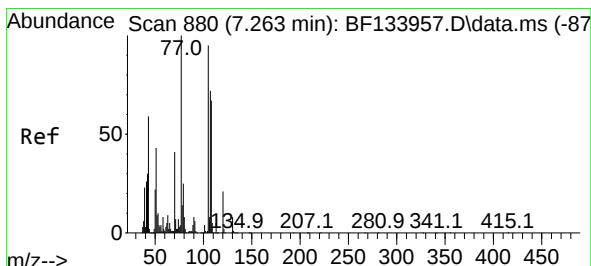
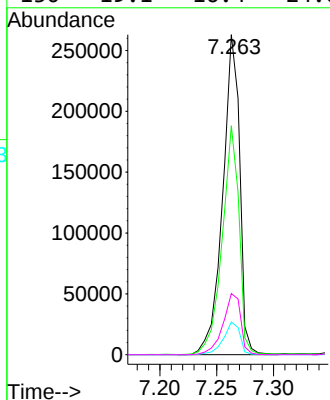
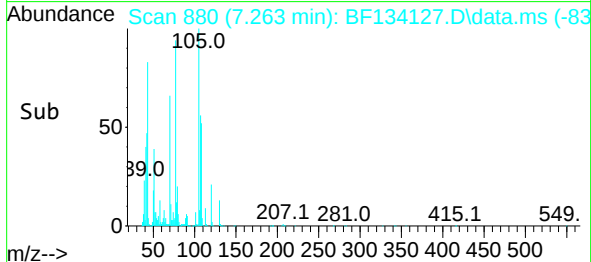
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



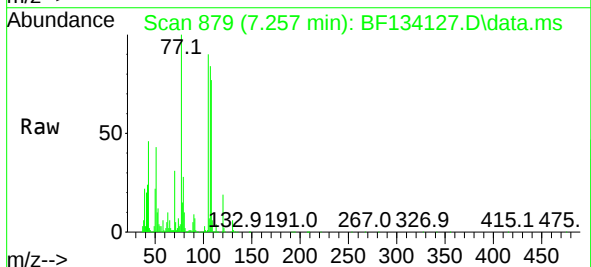
Tgt Ion: 70 Resp: 273492
Ion Ratio Lower Upper
70 100
42 71.6 54.7 82.1
101 10.2 7.7 11.5
130 19.1 16.4 24.6

Manual Integrations
APPROVED

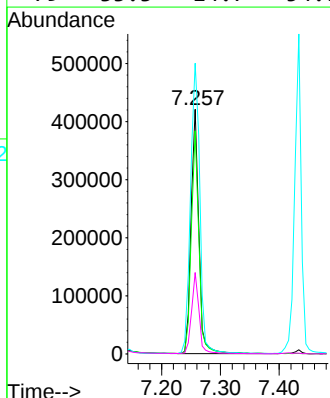
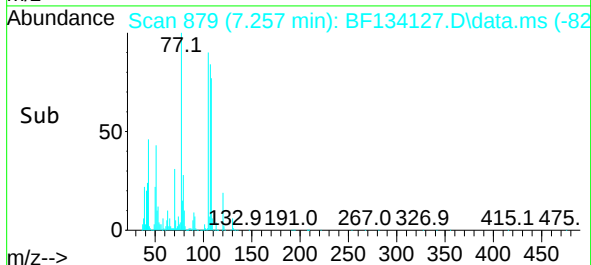
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

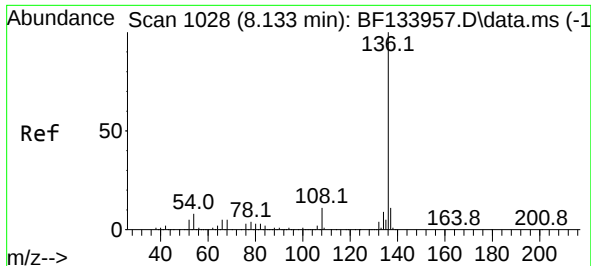


#20
3+4-Methylphenols
Concen: 56.155 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04



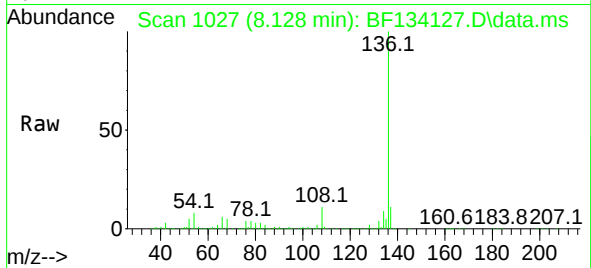
Tgt Ion:107 Resp: 387939
Ion Ratio Lower Upper
107 100
108 91.3 73.2 113.2
77 118.9 118.3 158.3
79 33.3 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

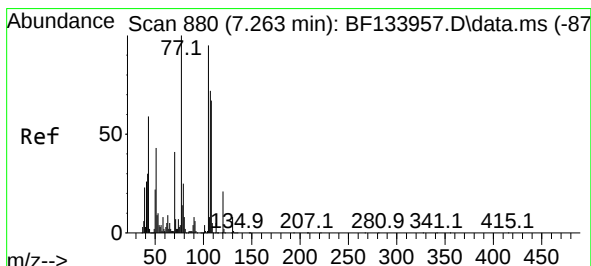
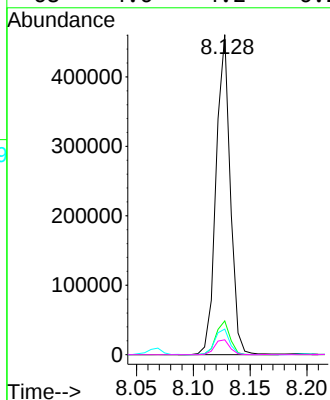
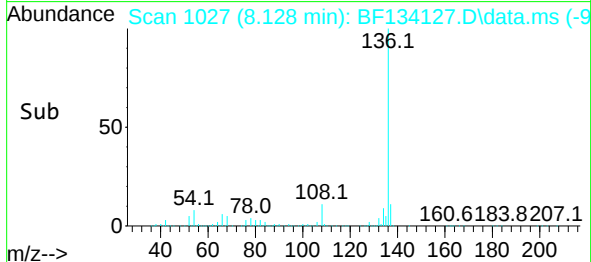
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



Tgt Ion:136 Resp: 400735
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 8.0 6.5 9.7
68 4.6 4.2 6.2

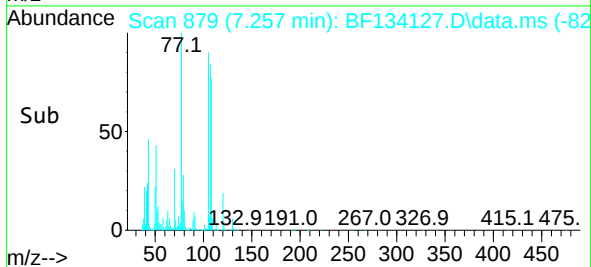
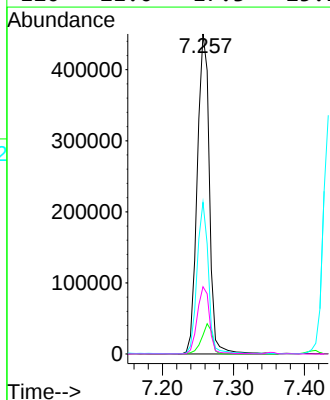
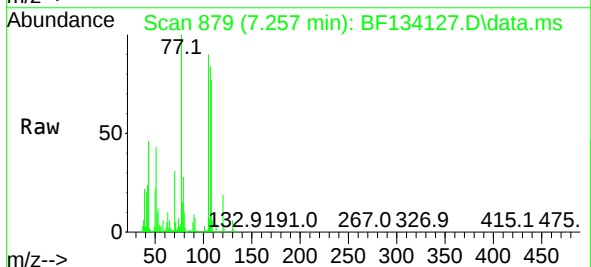
Manual Integrations
APPROVED

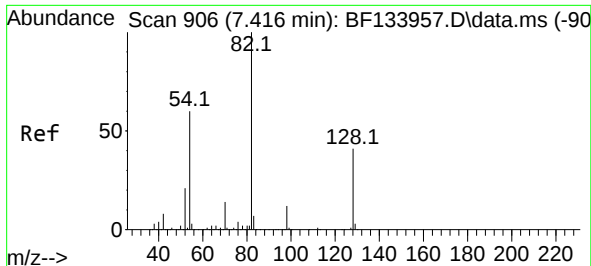
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#22
Acetophenone
Concen: 58.936 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

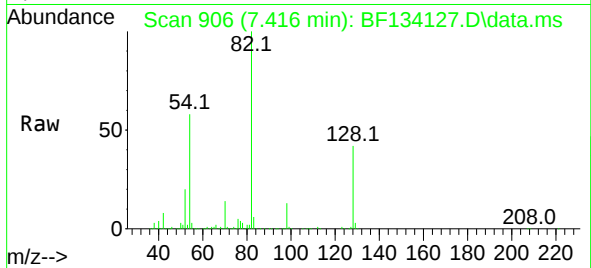
Tgt Ion:105 Resp: 537125
Ion Ratio Lower Upper
105 100
71 5.9 5.5 8.3
51 47.4 36.5 54.7
120 21.0 17.3 25.9





#23
Nitrobenzene-d5
Concen: 96.530 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

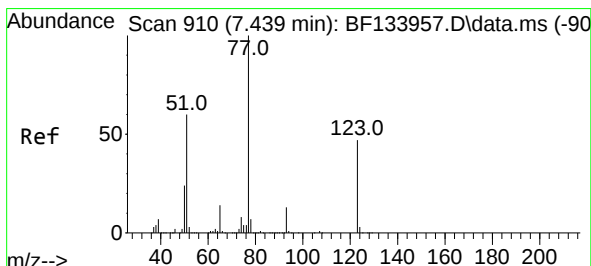
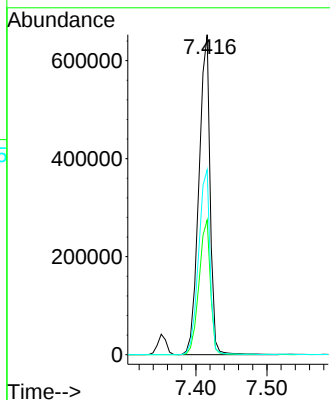
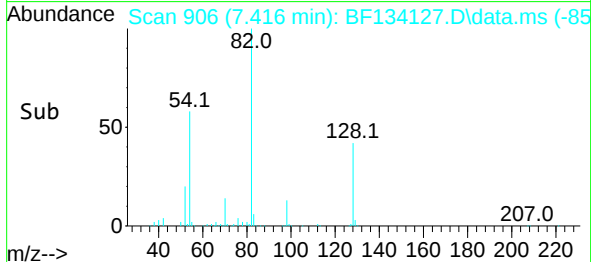
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



Tgt Ion: 82 Resp: 717609
Ion Ratio Lower Upper
82 100
128 42.1 32.5 48.7
54 57.8 48.2 72.2

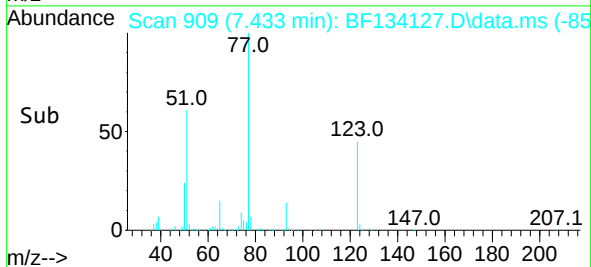
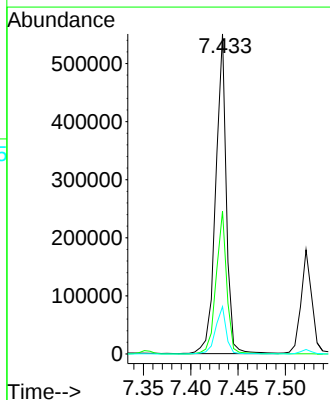
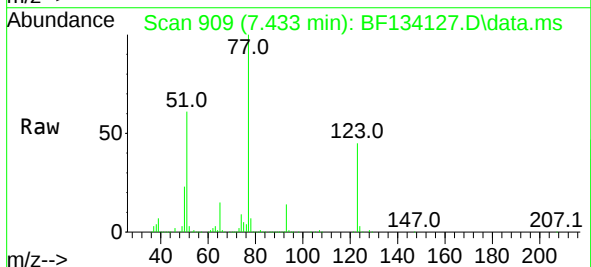
Manual Integrations
APPROVED

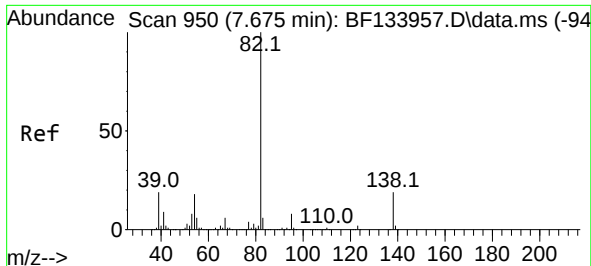
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#24
Nitrobenzene
Concen: 57.273 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

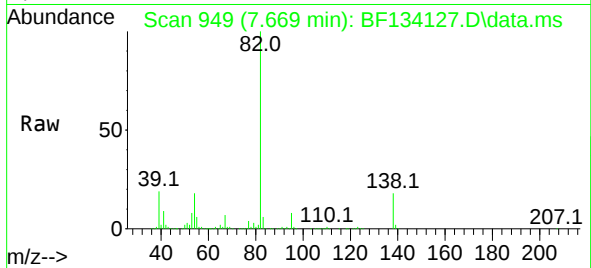
Tgt Ion: 77 Resp: 430250
Ion Ratio Lower Upper
77 100
123 44.7 37.8 56.6
65 14.8 11.3 16.9





#25
Isophorone
Concen: 57.402 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

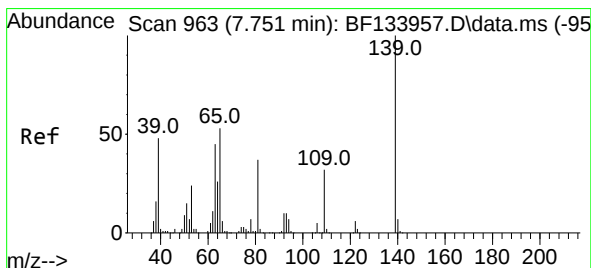
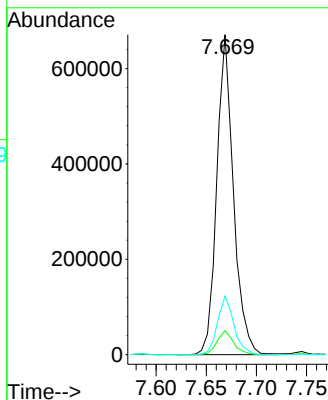
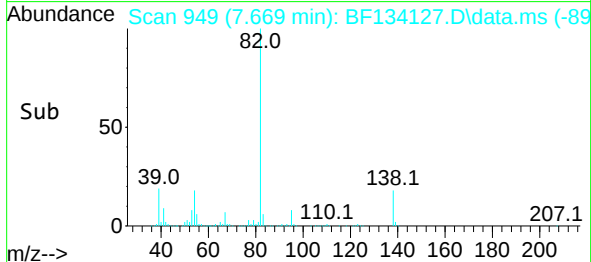
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



Tgt Ion: 82 Resp: 775549
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 18.4 15.2 22.8

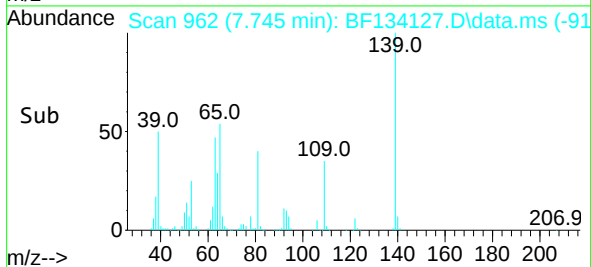
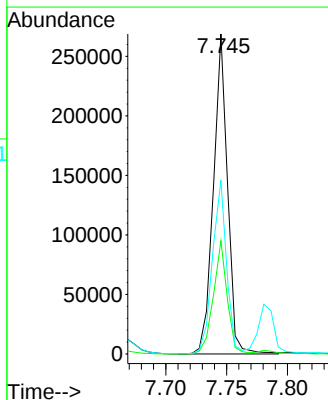
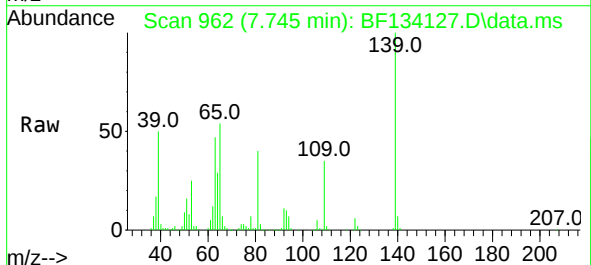
Manual Integrations
APPROVED

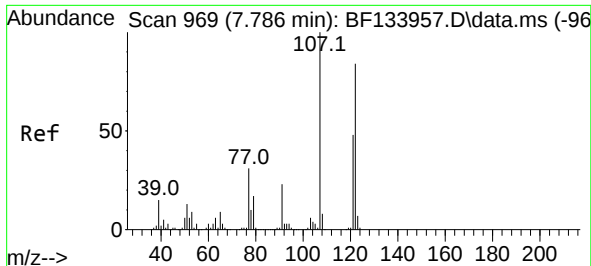
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#26
2-Nitrophenol
Concen: 60.184 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

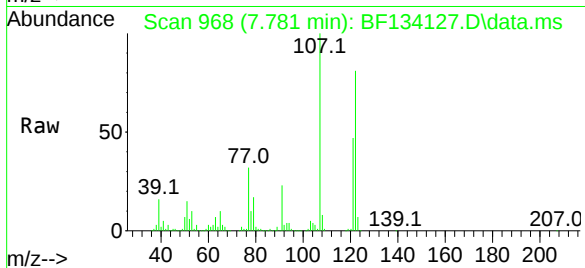
Tgt Ion:139 Resp: 216891
Ion Ratio Lower Upper
139 100
109 35.4 25.8 38.8
65 54.3 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 58.062 ng
RT: 7.781 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

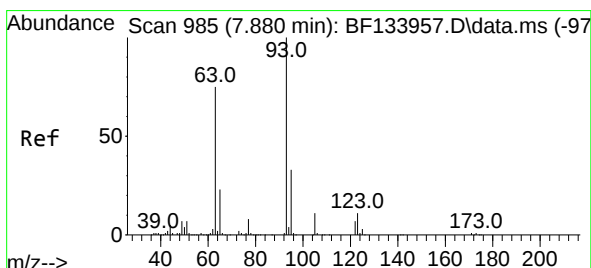
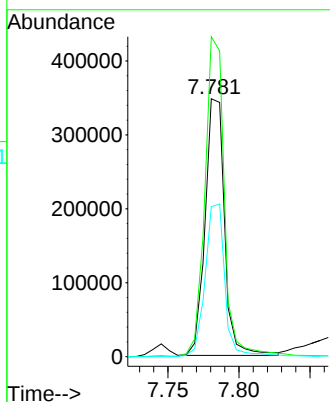
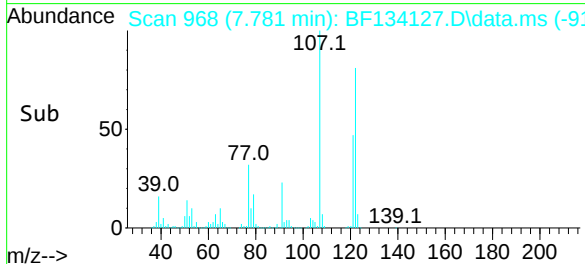
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



Tgt Ion:122 Resp: 33121
Ion Ratio Lower Upper
122 100
107 124.1 95.5 143.3
121 58.2 45.5 68.3

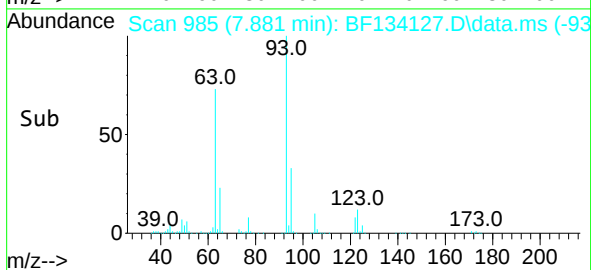
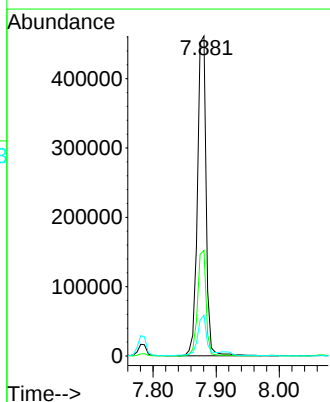
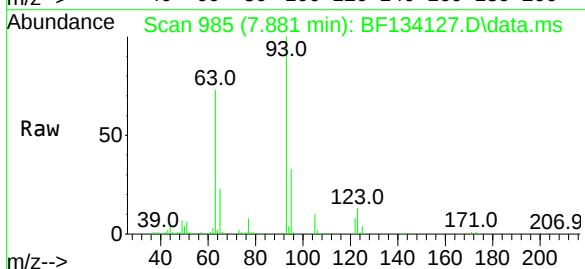
Manual Integrations
APPROVED

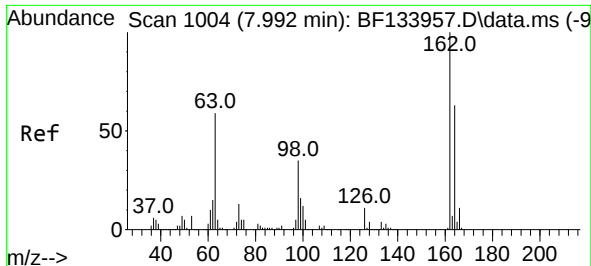
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#28
bis(2-Chloroethoxy)methane
Concen: 56.005 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

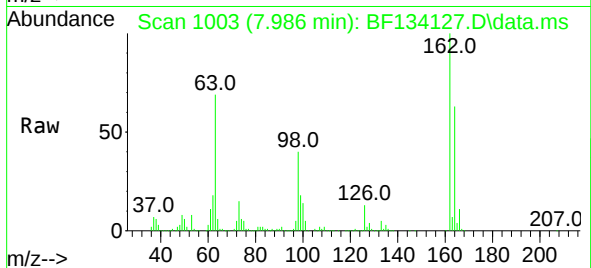
Tgt Ion: 93 Resp: 438142
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 12.7 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 58.270 ng
RT: 7.986 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

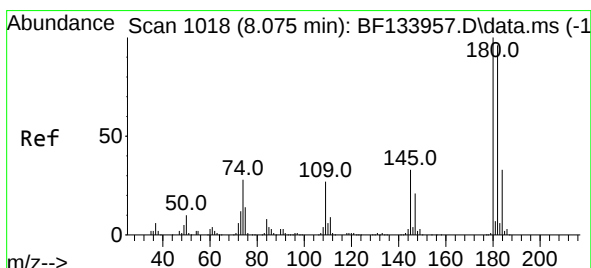
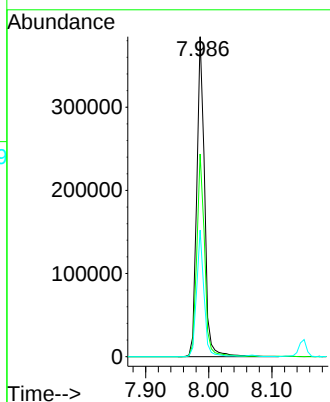
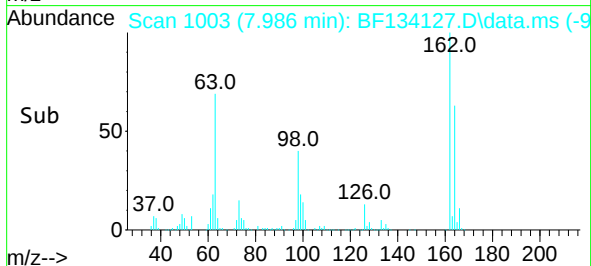
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



Tgt Ion:162 Resp: 329615
Ion Ratio Lower Upper
162 100
164 63.3 43.2 83.2
98 39.5 14.9 54.9

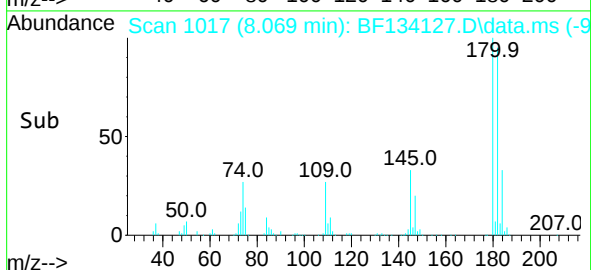
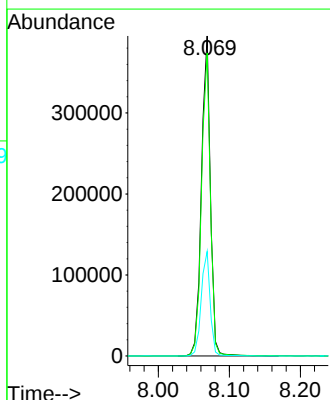
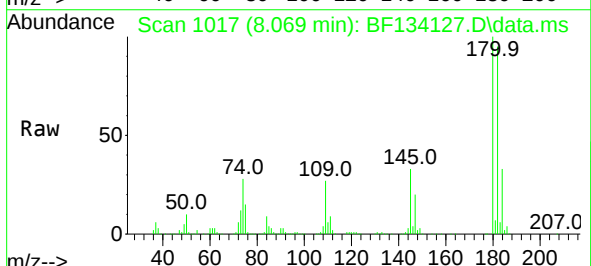
Manual Integrations
APPROVED

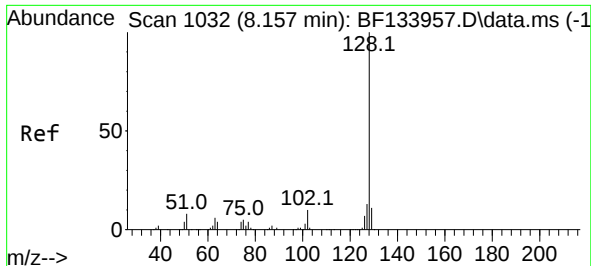
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#30
1,2,4-Trichlorobenzene
Concen: 59.407 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

Tgt Ion:180 Resp: 346743
Ion Ratio Lower Upper
180 100
182 94.7 77.1 115.7
145 32.6 26.0 39.0





#31

Naphthalene

Concen: 56.383 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

Instrument :

BNA_F

ClientSampleId :

BERGEN-COMPMSD

Tgt Ion:128 Resp: 1091380

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

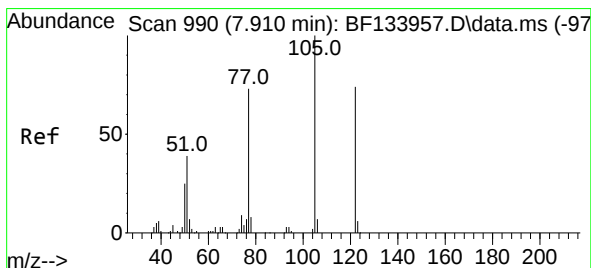
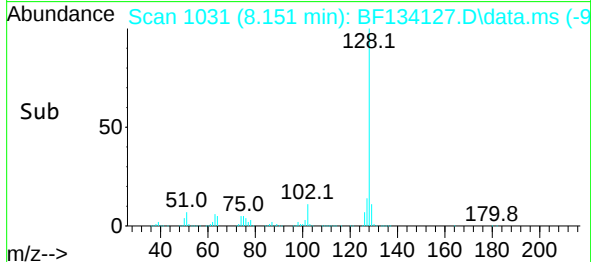
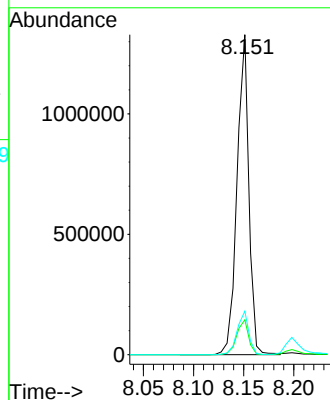
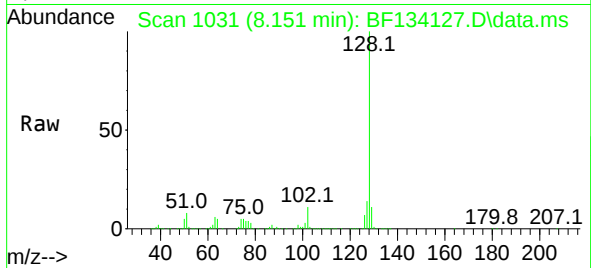
127 13.6 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#32

Benzoic acid

Concen: 57.054 ng m

RT: 7.916 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

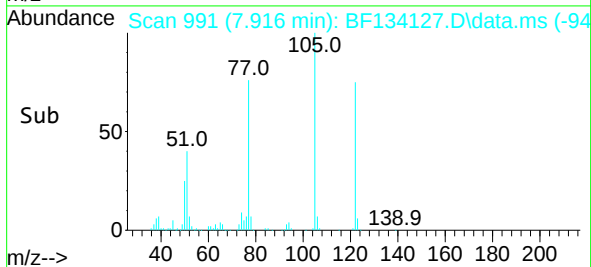
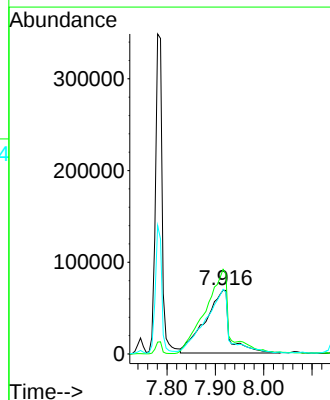
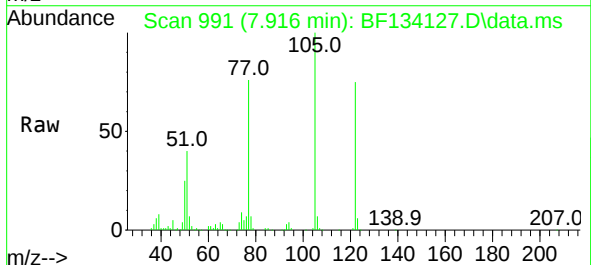
Tgt Ion:122 Resp: 243880

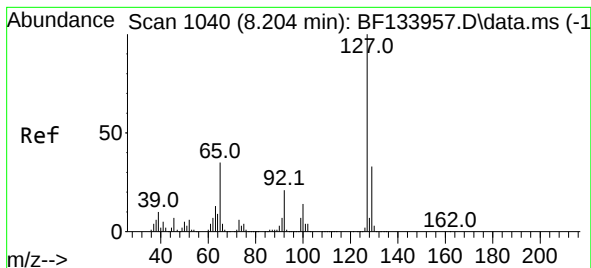
Ion Ratio Lower Upper

122 100

105 133.1 109.7 149.7

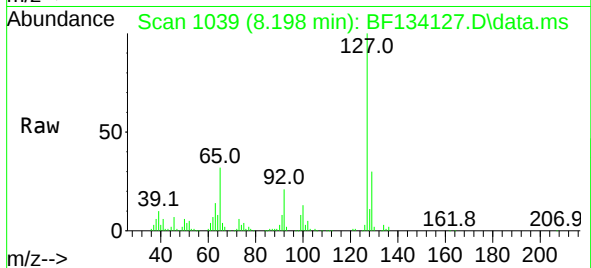
77 101.5 76.0 116.0





#33
4-Chloroaniline
Concen: 9.286 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

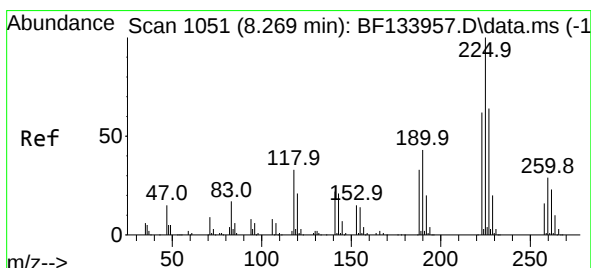
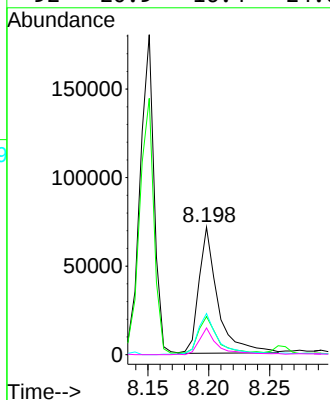
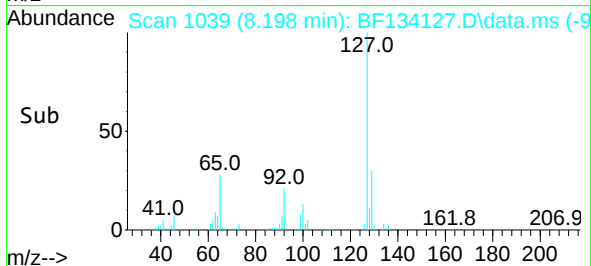
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



Tgt Ion:127 Resp: 7688
Ion Ratio Lower Upper
127 100
129 29.9 26.4 39.6
65 32.3 27.8 41.8
92 20.9 16.4 24.6

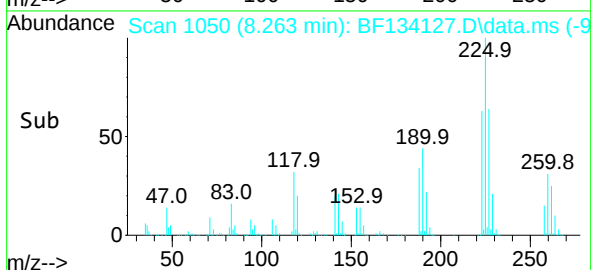
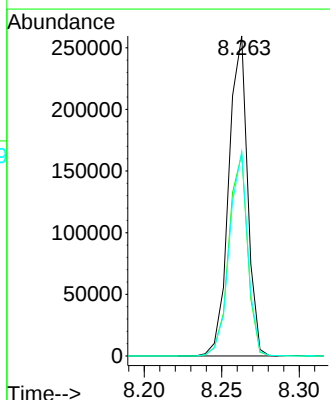
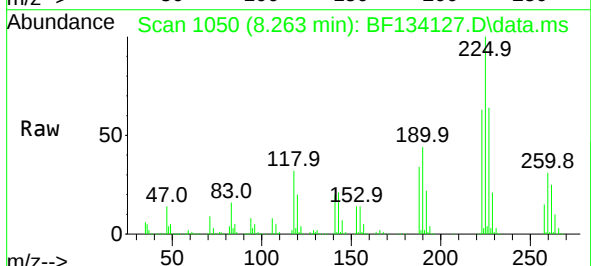
Manual Integrations
APPROVED

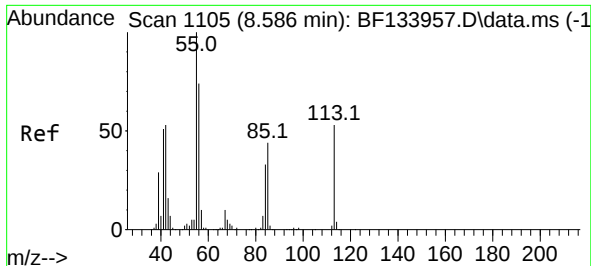
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#34
Hexachlorobutadiene
Concen: 59.332 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

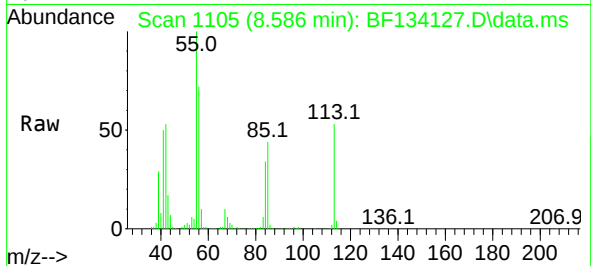
Tgt Ion:225 Resp: 218452
Ion Ratio Lower Upper
225 100
223 63.1 49.8 74.8
227 63.9 51.0 76.4





#35
Caprolactam
Concen: 58.081 ng m
RT: 8.586 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

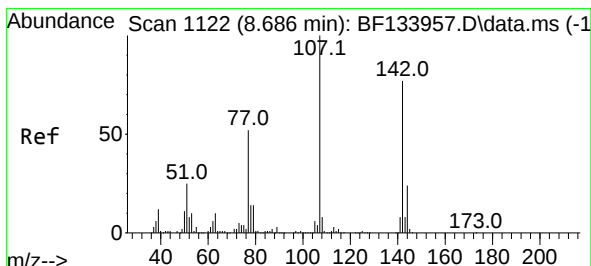
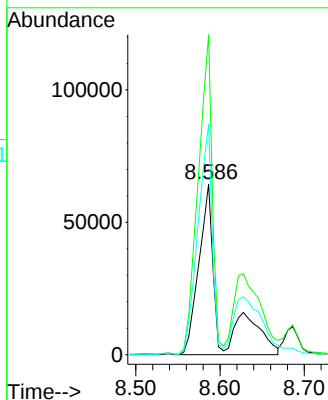
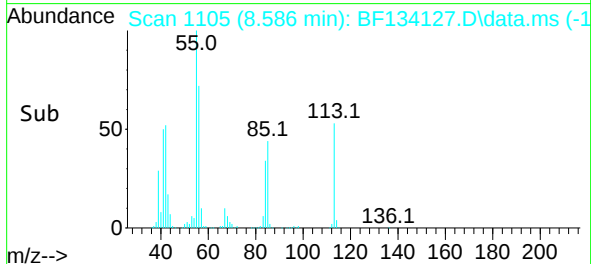
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



Tgt Ion:113 Resp: 10817
Ion Ratio Lower Upper
113 100
55 187.4 170.2 210.2
56 135.0 121.4 161.4

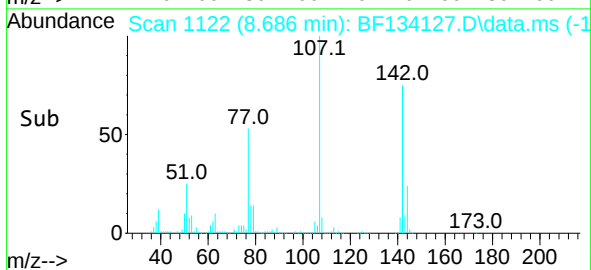
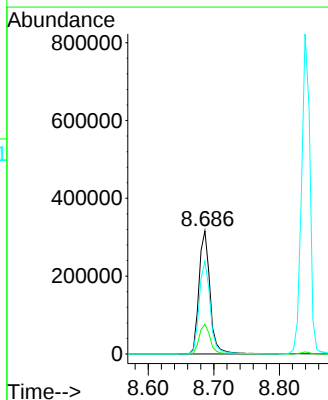
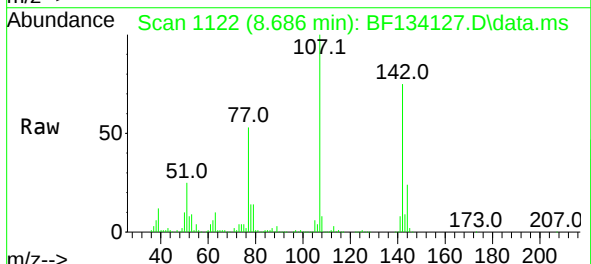
Manual Integrations
APPROVED

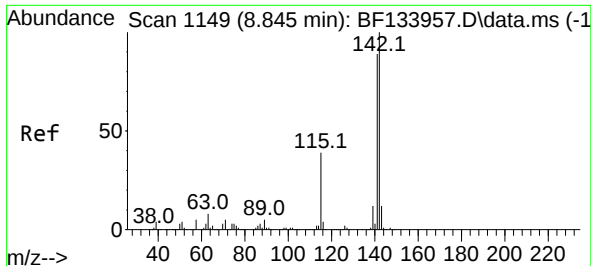
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#36
4-Chloro-3-methylphenol
Concen: 58.472 ng
RT: 8.686 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

Tgt Ion:107 Resp: 371572
Ion Ratio Lower Upper
107 100
144 24.0 19.6 29.4
142 75.3 61.4 92.2





#37

2-Methylnaphthalene

Concen: 53.295 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

Instrument :

BNA_F

ClientSampleId :

BERGEN-COMPMSD

Tgt Ion:142 Resp: 729524

Ion Ratio Lower Upper

142 100

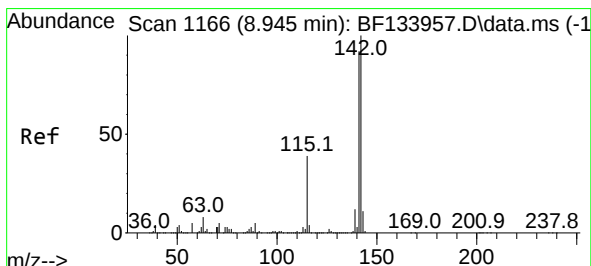
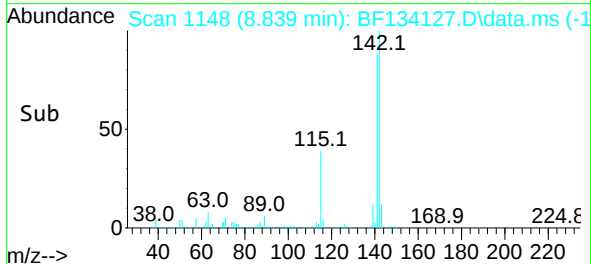
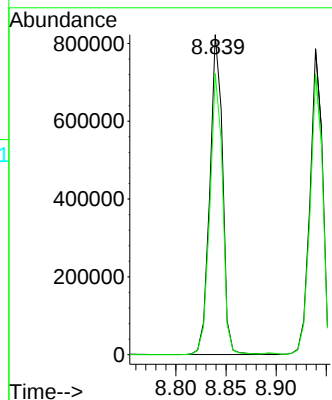
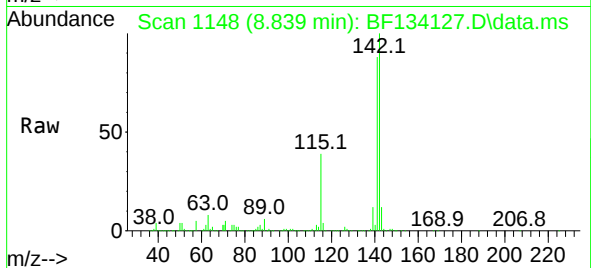
141 87.9 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#38

1-Methylnaphthalene

Concen: 53.251 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF134127.D

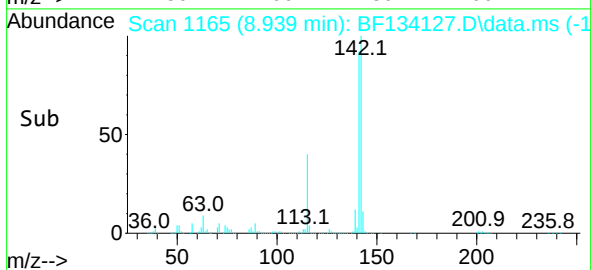
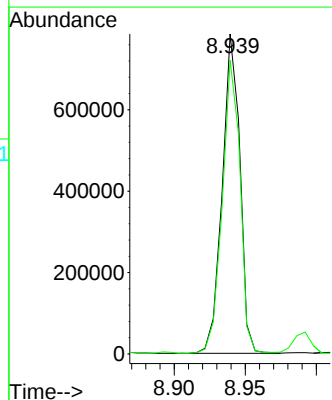
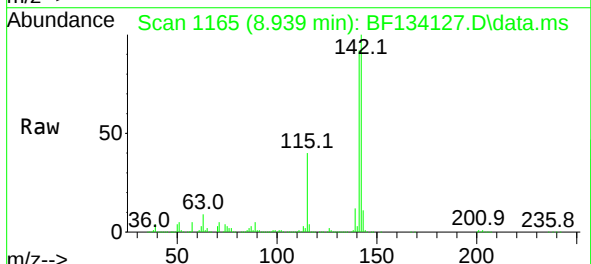
Acq: 07 Jul 2023 09:04

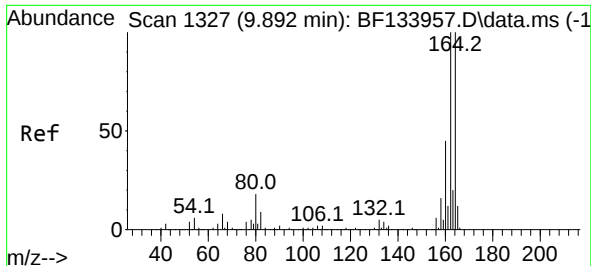
Tgt Ion:142 Resp: 677628

Ion Ratio Lower Upper

142 100

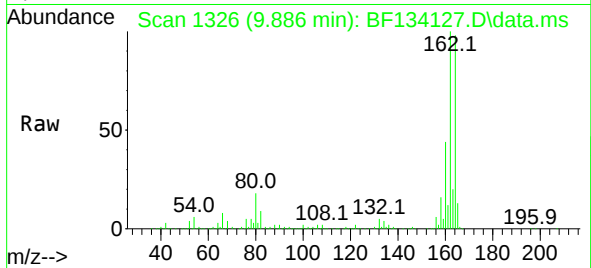
141 91.8 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11327
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

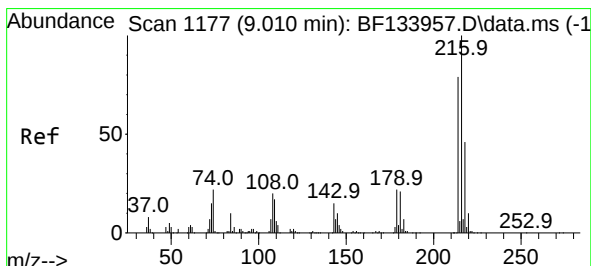
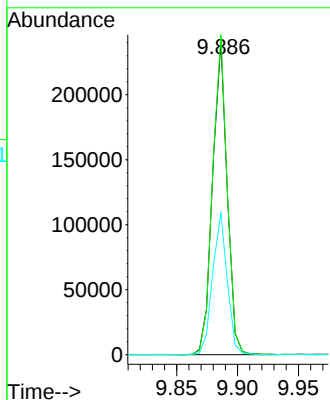
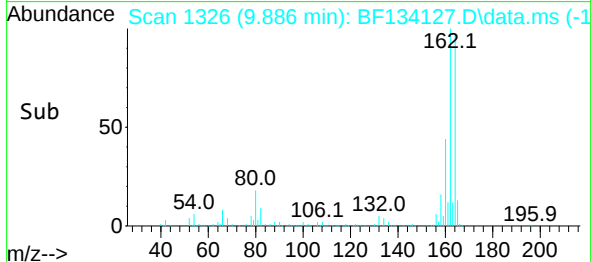
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



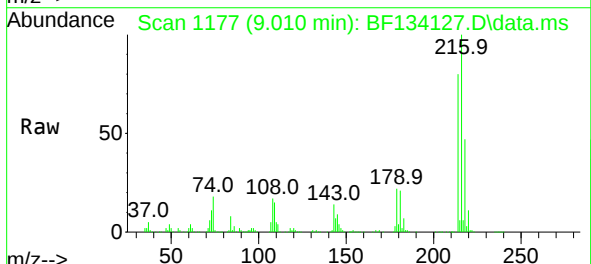
Tgt Ion:164 Resp: 201758
Ion Ratio Lower Upper
164 100
162 102.0 80.0 120.0
160 45.1 35.9 53.9

Manual Integrations
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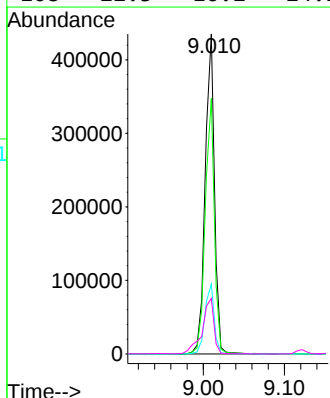
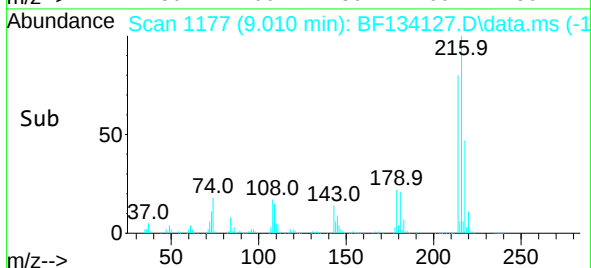
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

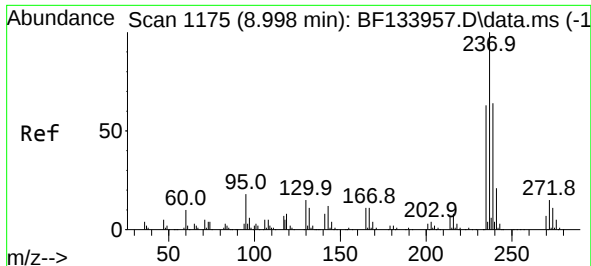


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.651 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04



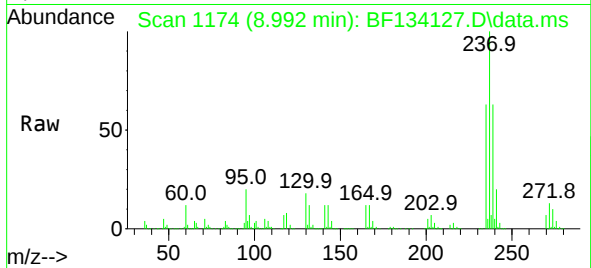
Tgt Ion:216 Resp: 344603
Ion Ratio Lower Upper
216 100
214 78.9 64.1 96.1
179 21.9 17.3 25.9
108 22.3 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 131.233 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

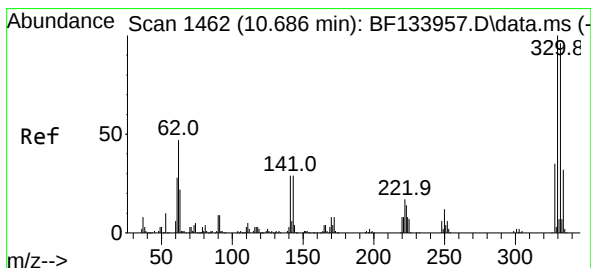
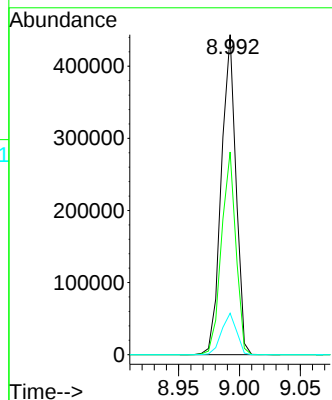
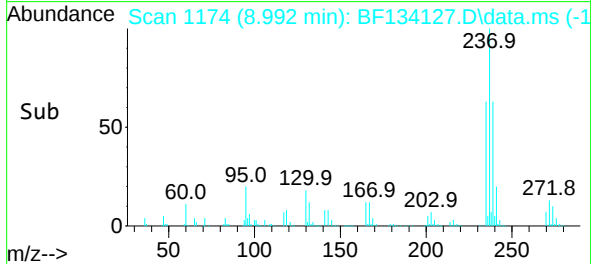
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



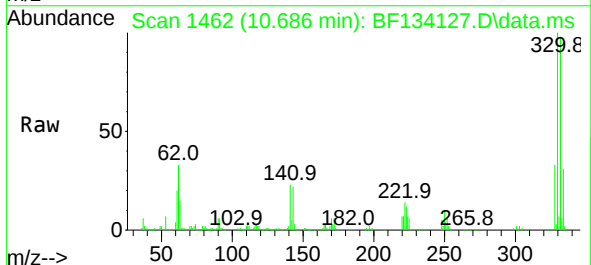
Tgt Ion:237 Resp: 372150
Ion Ratio Lower Upper
237 100
235 63.4 42.8 82.8
272 13.0 0.0 34.6

Manual Integrations
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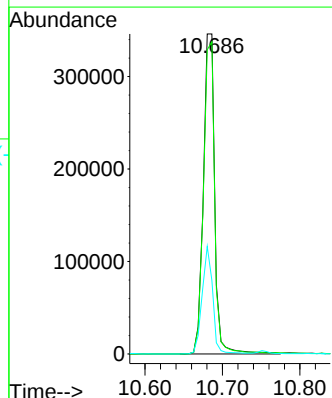
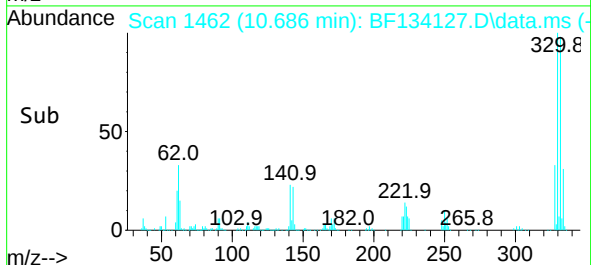
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

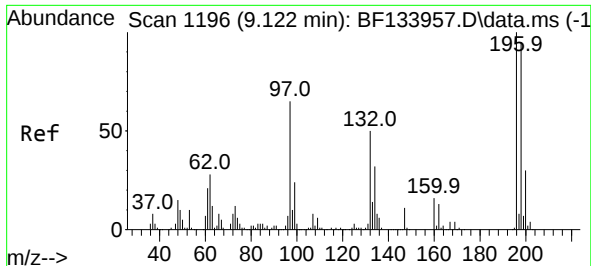


#42
2,4,6-Tribromophenol
Concen: 139.251 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04



Tgt Ion:330 Resp: 352255
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 31.3 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 56.357 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF134127.D

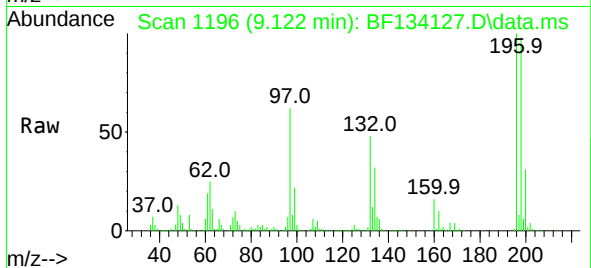
Acq: 07 Jul 2023 09:04

Instrument :

BNA_F

ClientSampleId :

BERGEN-COMPMSD



Tgt Ion:196 Resp: 22932

Ion Ratio Lower Upper

196 100

198 97.5 75.6 113.4

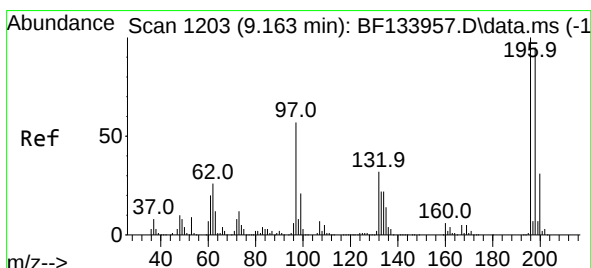
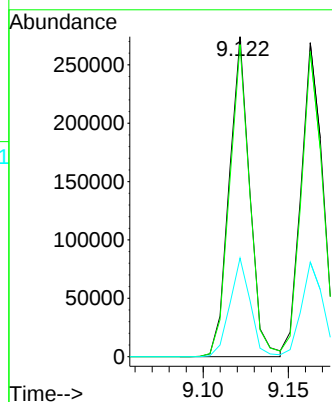
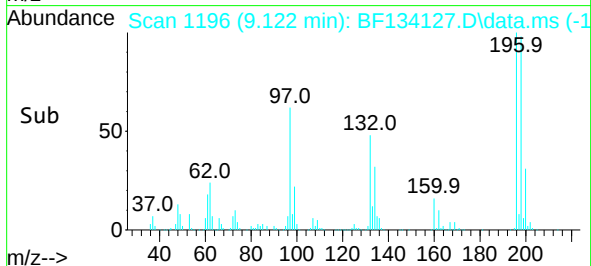
200 30.8 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#44

2,4,5-Trichlorophenol

Concen: 52.628 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

Tgt Ion:196 Resp: 251896

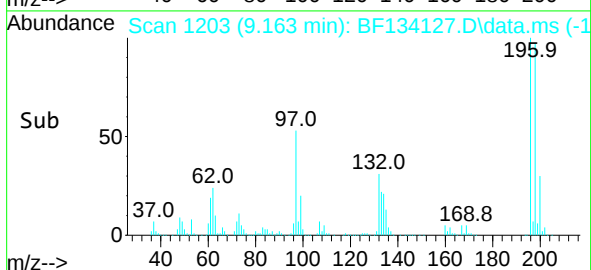
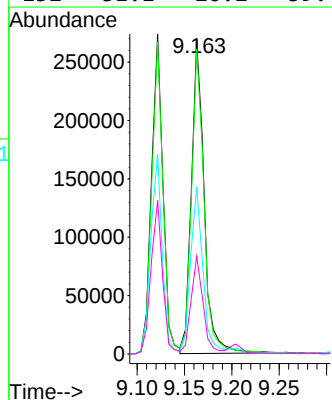
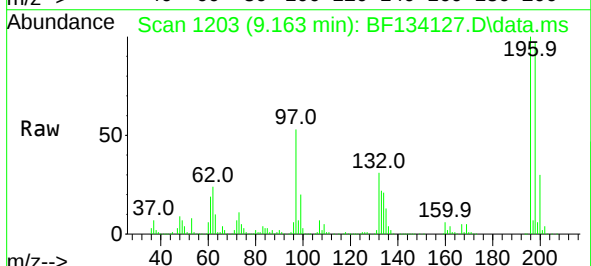
Ion Ratio Lower Upper

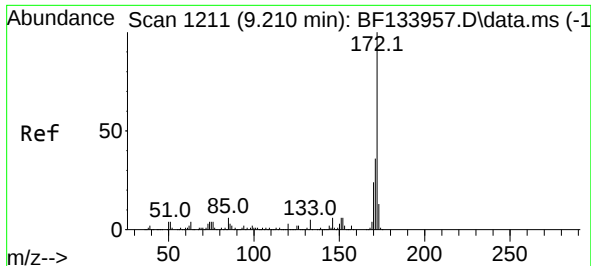
196 100

198 97.1 75.7 113.5

97 53.2 45.8 68.6

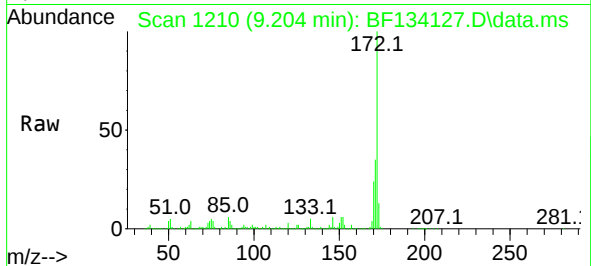
132 31.1 26.2 39.4





#45
2-Fluorobiphenyl
Concen: 91.751 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

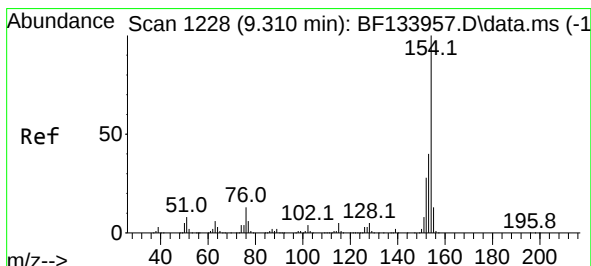
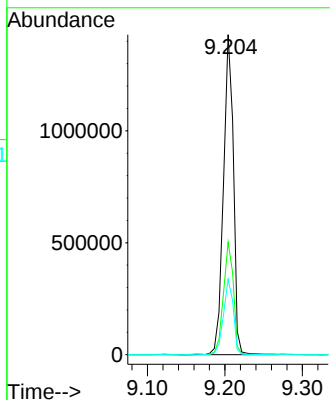
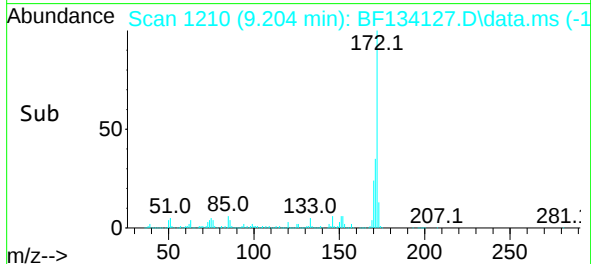
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



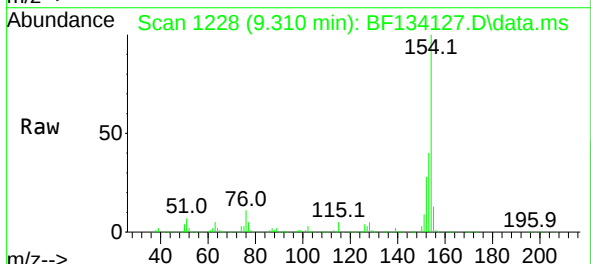
Tgt Ion:172 Resp: 1273230
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.6 19.4 29.0

Manual Integrations
APPROVED

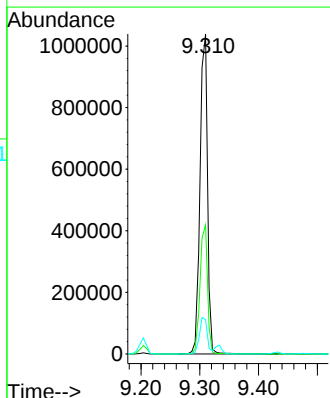
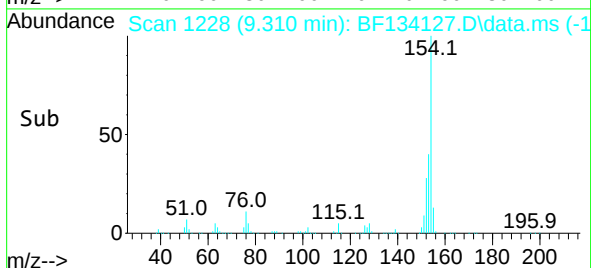
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

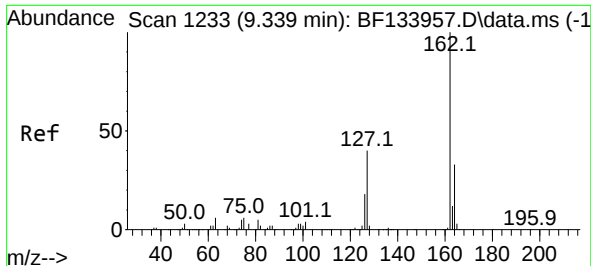


#46
1,1'-Biphenyl
Concen: 56.720 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04



Tgt Ion:154 Resp: 917973
Ion Ratio Lower Upper
154 100
153 40.3 19.8 59.8
76 10.7 0.0 32.9





#47

2-Chloronaphthalene

Concen: 57.970 ng

RT: 9.333 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

Instrument :

BNA_F

ClientSampleId :

BERGEN-COMPMSD

Tgt Ion: 162 Resp: 686450

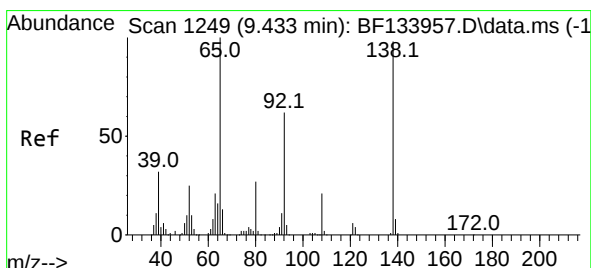
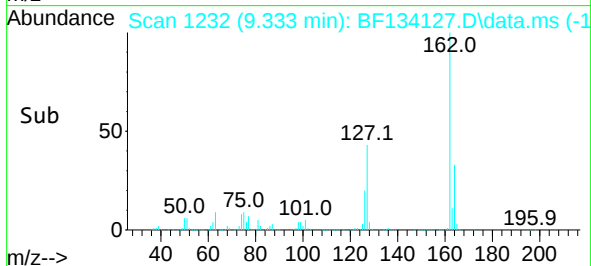
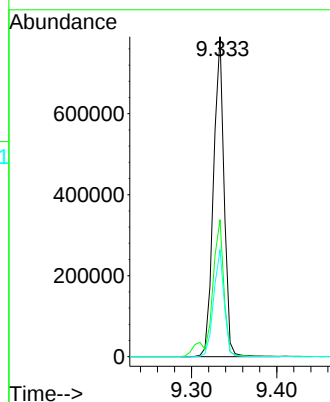
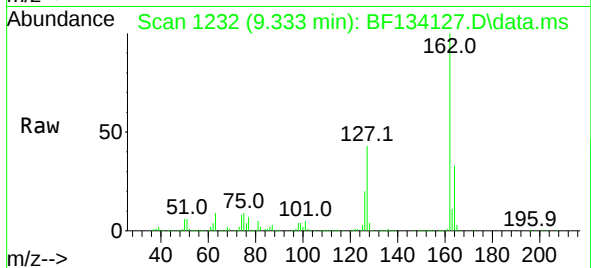
Ion	Ratio	Lower	Upper
162	100		
127	42.8	32.9	49.3
164	33.4	26.1	39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#48

2-Nitroaniline

Concen: 57.000 ng

RT: 9.433 min Scan# 1249

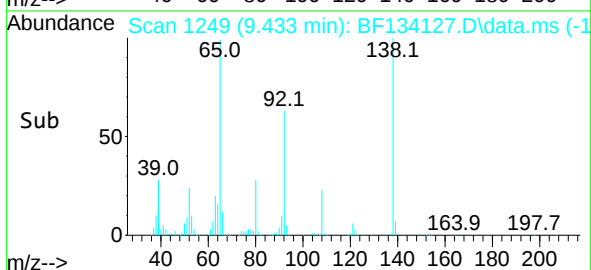
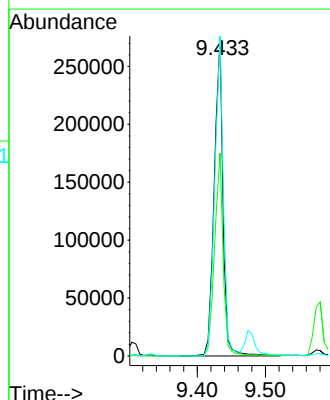
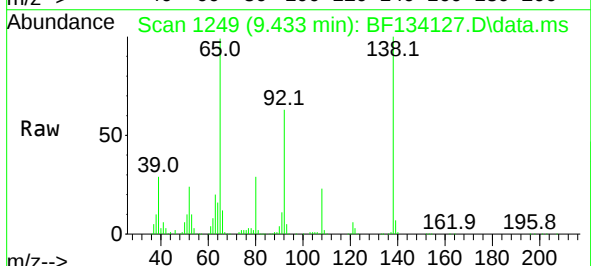
Delta R.T. -0.006 min

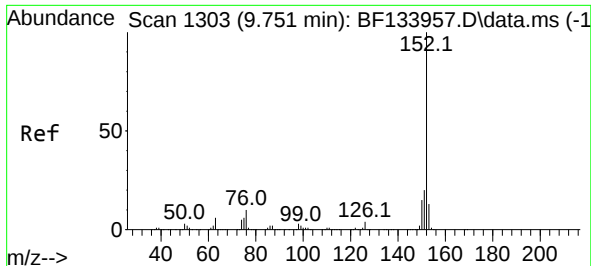
Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

Tgt Ion: 65 Resp: 245987

Ion	Ratio	Lower	Upper
65	100		
92	63.9	49.5	74.3
138	100.7	78.0	117.0





#49

Acenaphthylene

Concen: 54.734 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134127.D

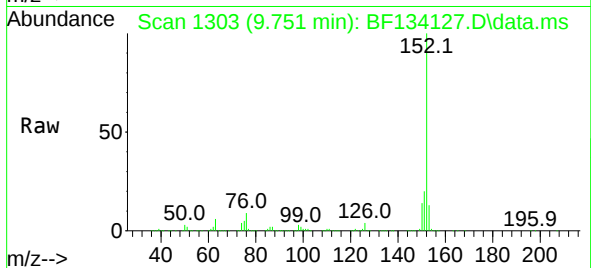
Acq: 07 Jul 2023 09:04

Instrument :

BNA_F

ClientSampleId :

BERGEN-COMPMSD



Tgt Ion:152 Resp: 110716

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

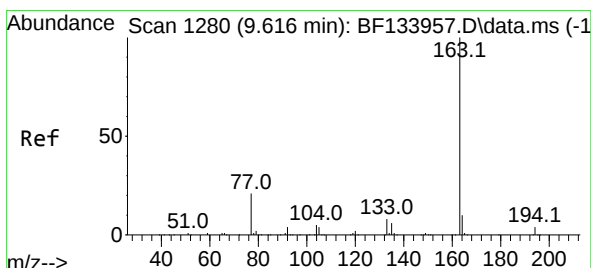
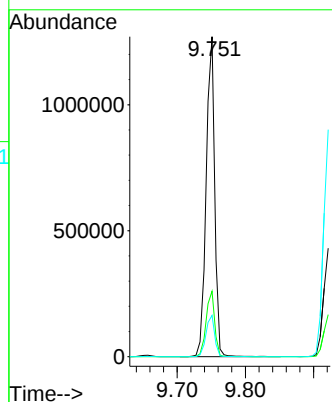
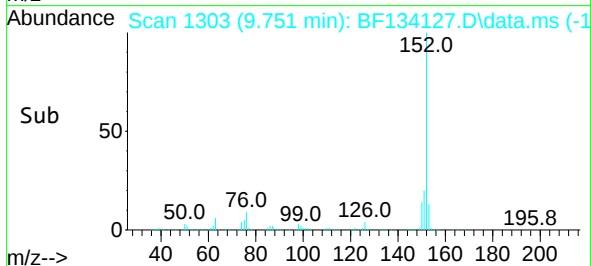
153 12.9 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#50

Dimethylphthalate

Concen: 55.464 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

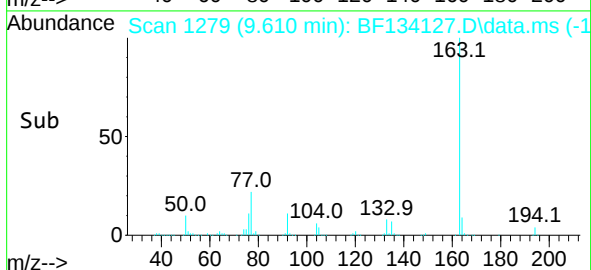
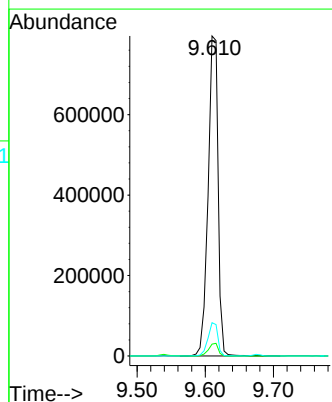
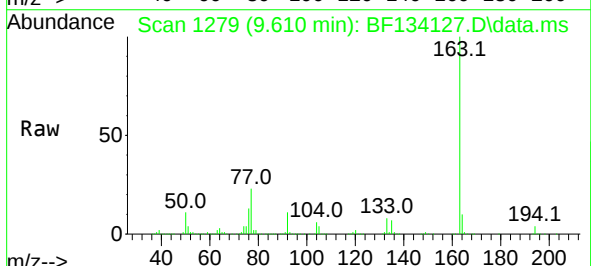
Tgt Ion:163 Resp: 812307

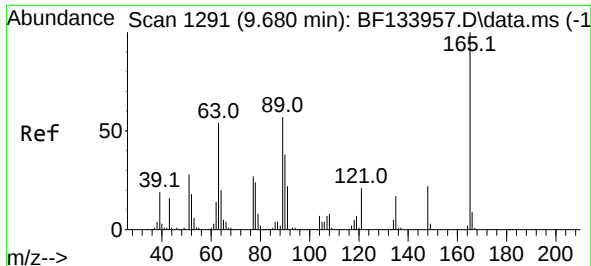
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 57.553 ng

RT: 9.675 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

Instrument :

BNA_F

ClientSampleId :

BERGEN-COMPMSD

Tgt Ion:165 Resp: 18154

Ion Ratio Lower Upper

165 100

63 70.4 48.5 72.7

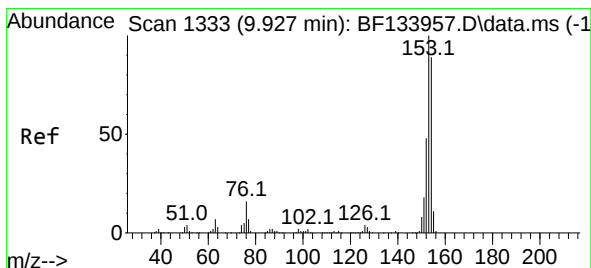
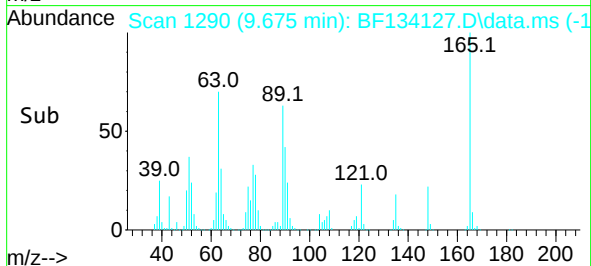
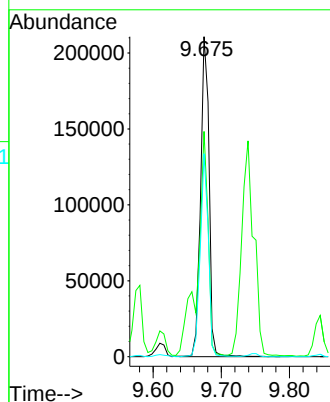
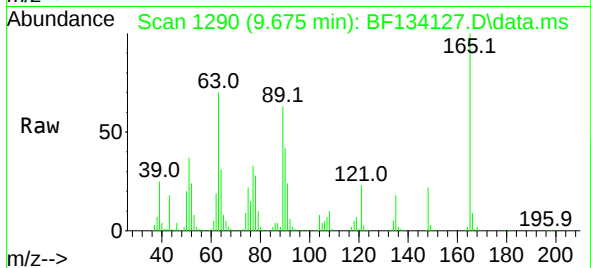
89 63.5 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#52

Acenaphthene

Concen: 56.354 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

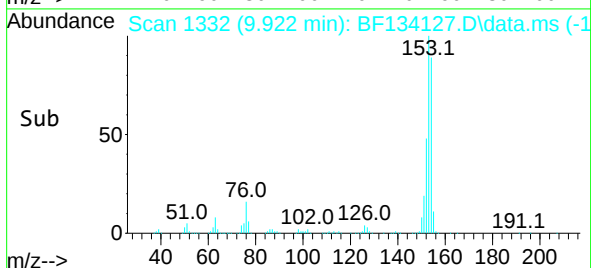
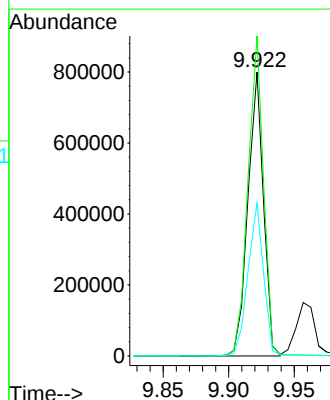
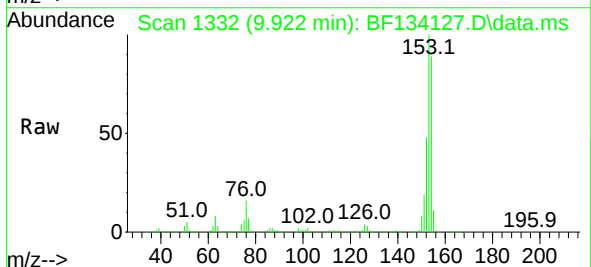
Tgt Ion:154 Resp: 661457

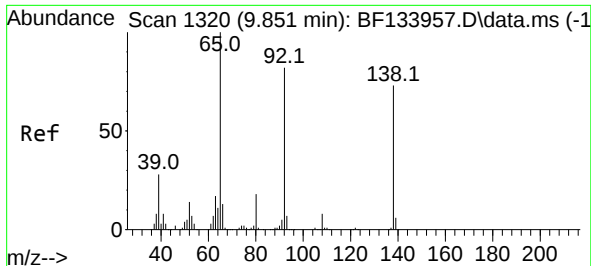
Ion Ratio Lower Upper

154 100

153 112.8 89.4 134.2

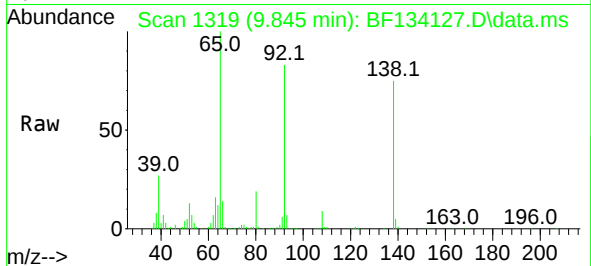
152 53.8 42.8 64.2





#53
3-Nitroaniline
Concen: 30.692 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

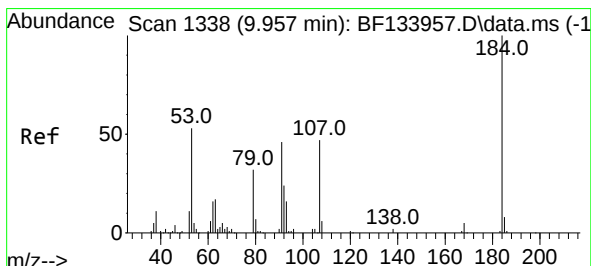
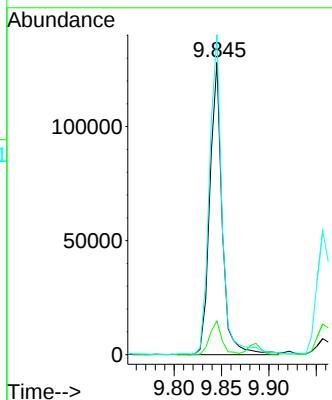
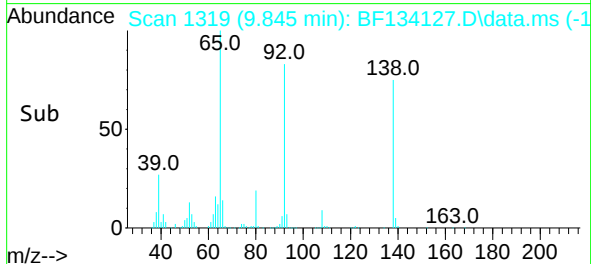
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



Tgt Ion:138 Resp: 116149
Ion Ratio Lower Upper
138 100
108 11.6 8.4 12.6
92 109.4 90.1 135.1

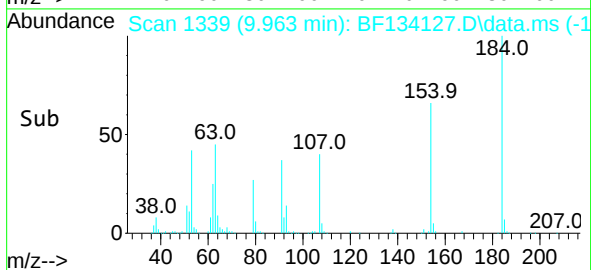
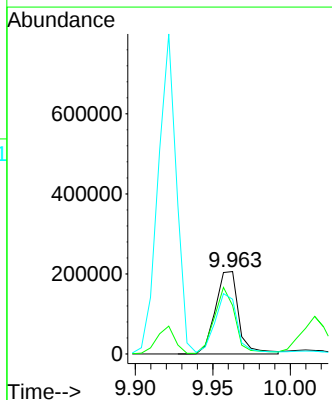
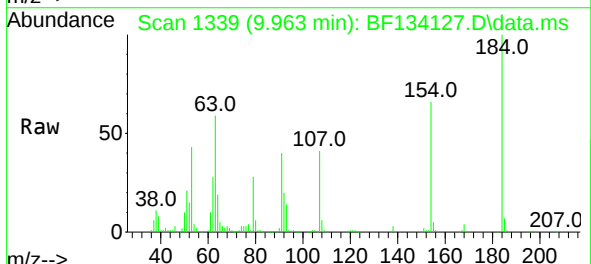
Manual Integrations
APPROVED

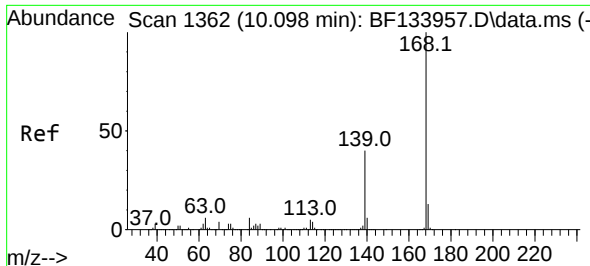
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#54
2,4-Dinitrophenol
Concen: 116.509 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

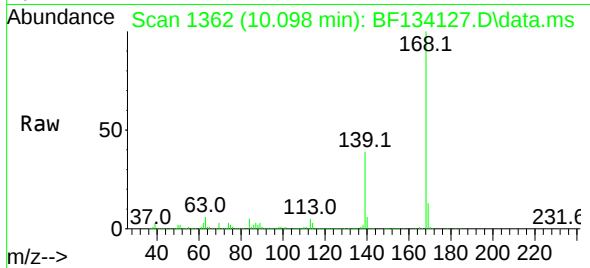
Tgt Ion:184 Resp: 215621
Ion Ratio Lower Upper
184 100
63 58.7 56.9 85.3
154 66.4 55.4 83.0





#55
Dibenzenofuran
Concen: 54.416 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

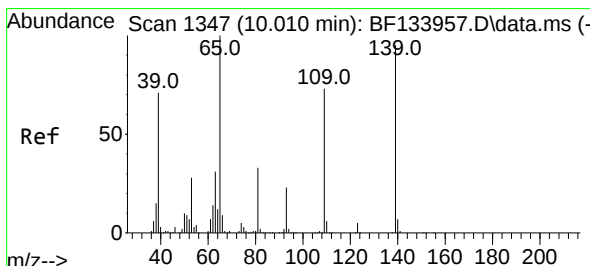
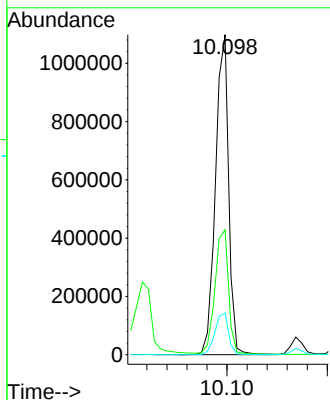
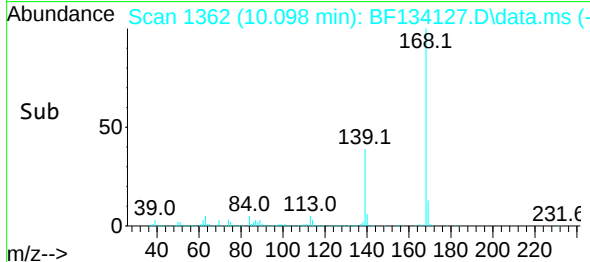
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



Tgt Ion:168 Resp: 99820
Ion Ratio Lower Upper
168 100
139 39.0 32.0 48.0
169 13.1 10.6 16.0

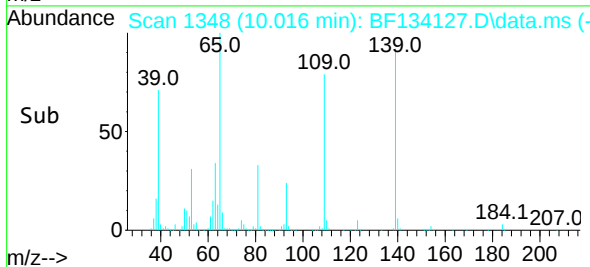
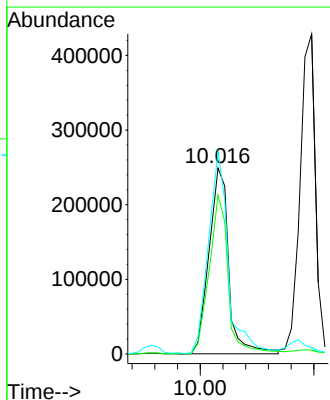
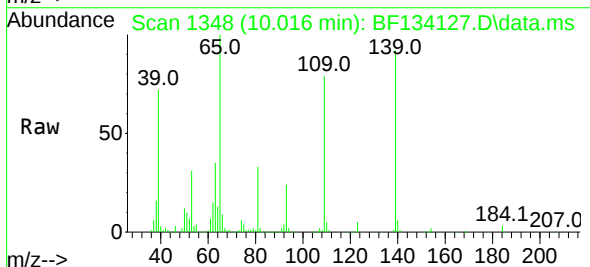
Manual Integrations
APPROVED

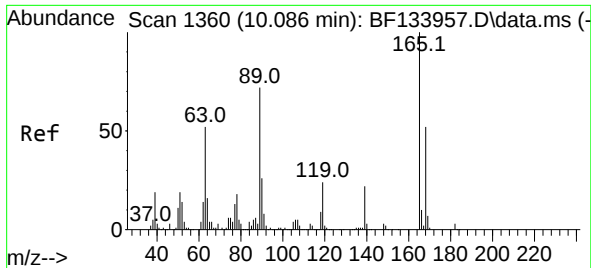
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#56
4-Nitrophenol
Concen: 113.444 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

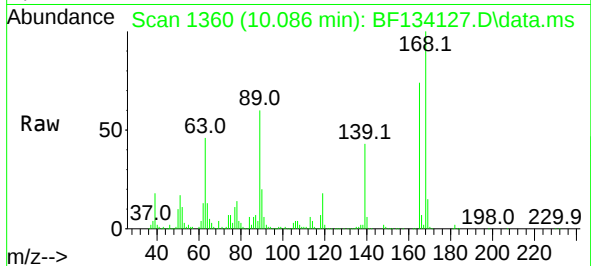
Tgt Ion:139 Resp: 300293
Ion Ratio Lower Upper
139 100
109 85.5 56.8 96.8
65 108.6 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 55.566 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

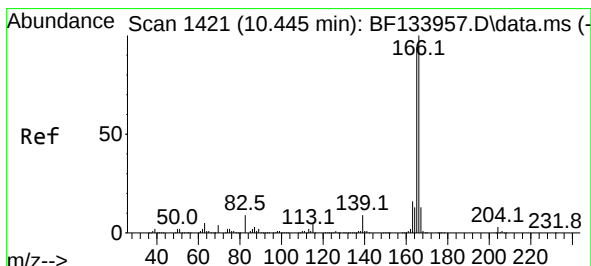
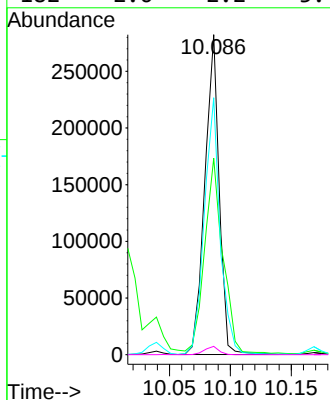
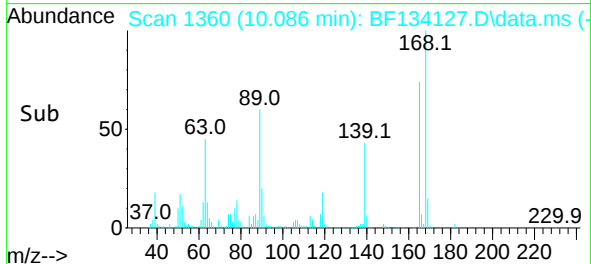
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



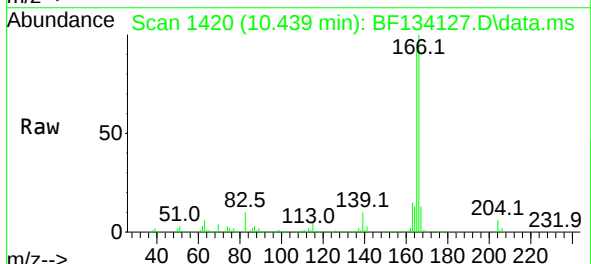
Tgt Ion:165 Resp: 23147
Ion Ratio Lower Upper
165 100
63 61.4 42.2 63.2
89 80.3 57.4 86.2
182 2.6 2.2 3.4

Manual Integrations
APPROVED

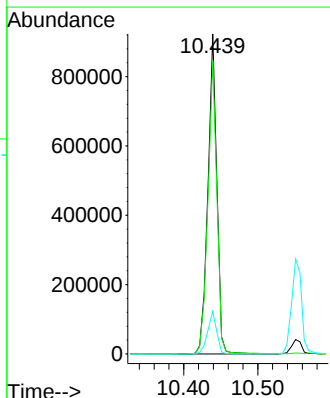
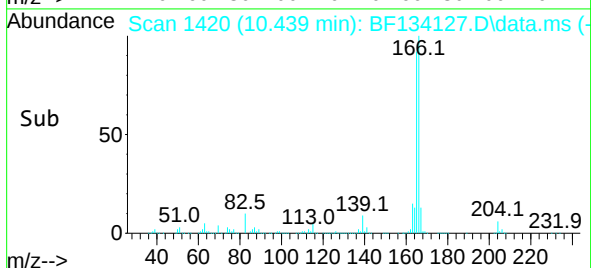
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

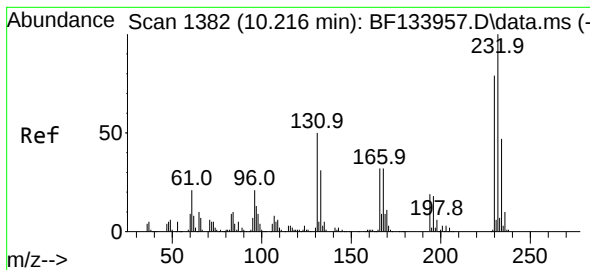


#58
Fluorene
Concen: 54.188 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04



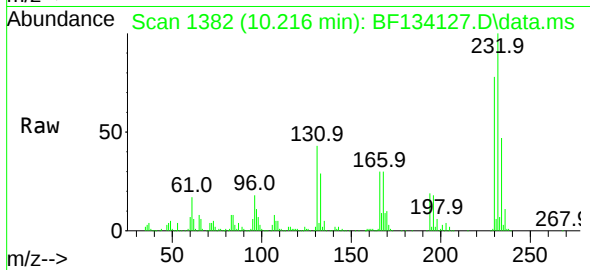
Tgt Ion:166 Resp: 773342
Ion Ratio Lower Upper
166 100
165 91.7 75.0 112.4
167 13.3 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.932 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

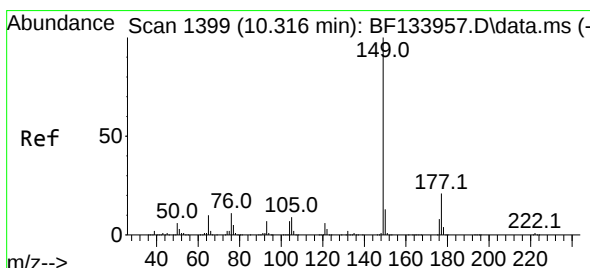
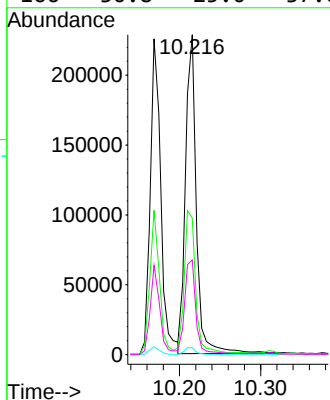
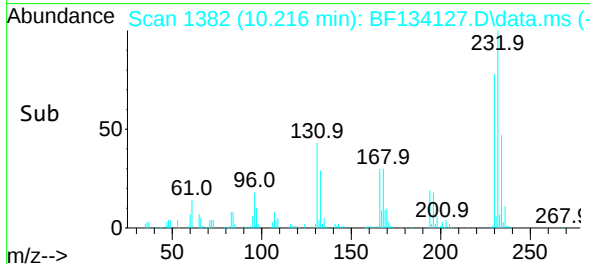
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



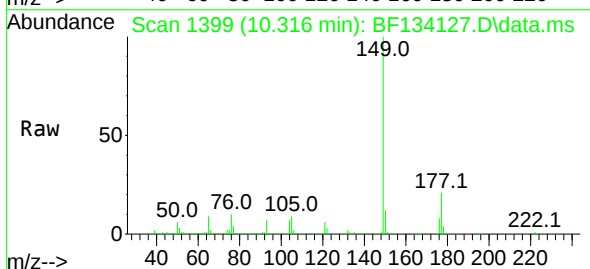
Tgt Ion:232 Resp: 211170
Ion Ratio Lower Upper
232 100
131 46.6 39.3 58.9
130 2.5 1.8 2.6
166 30.8 25.0 37.6

Manual Integrations
APPROVED

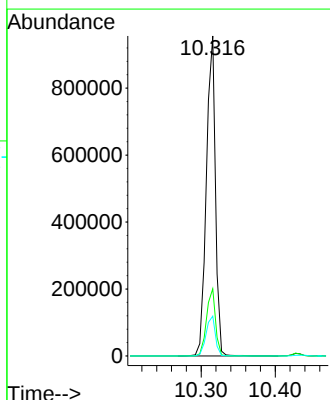
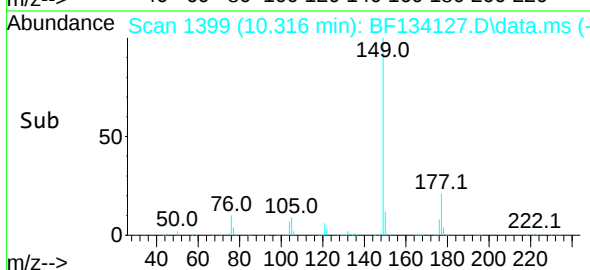
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

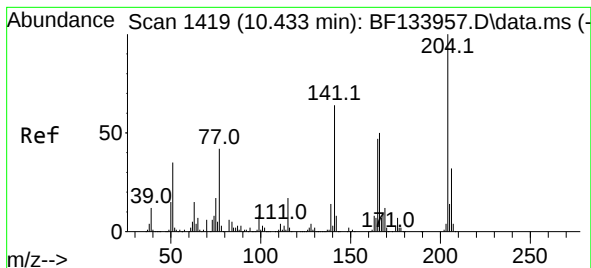


#60
Diethylphthalate
Concen: 53.532 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04



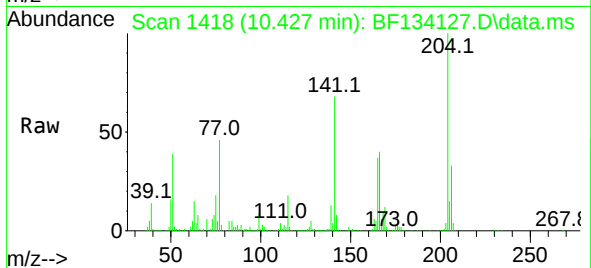
Tgt Ion:149 Resp: 816821
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.6
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 54.782 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

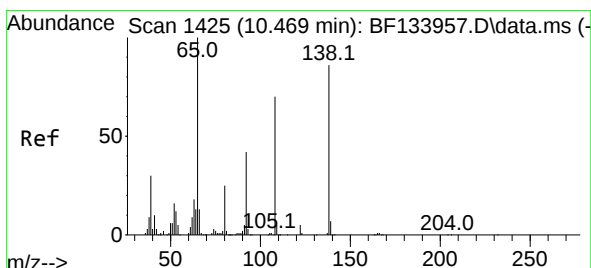
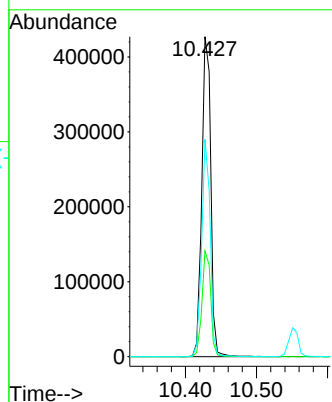
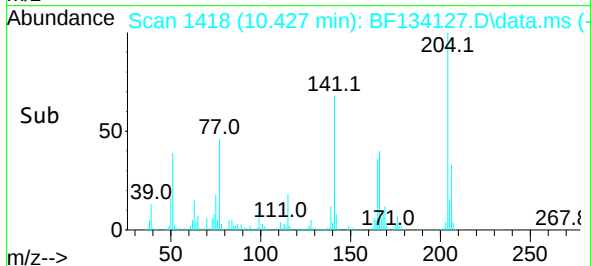
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



Tgt Ion:204 Resp: 376770
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 67.9 51.5 77.3

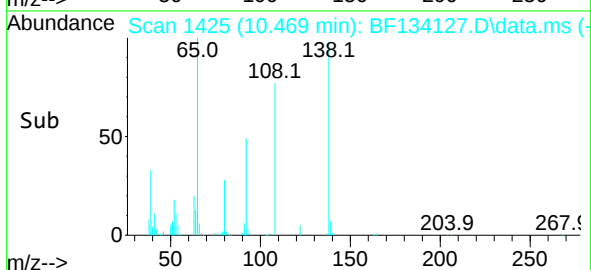
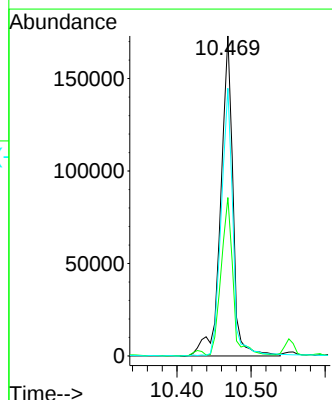
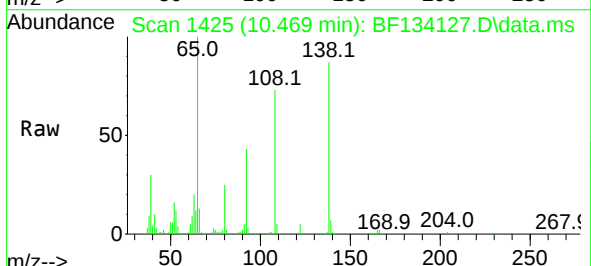
Manual Integrations
APPROVED

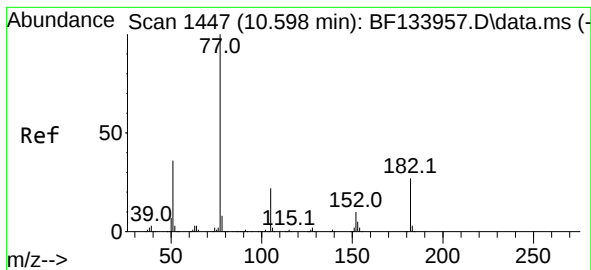
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#62
4-Nitroaniline
Concen: 52.347 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

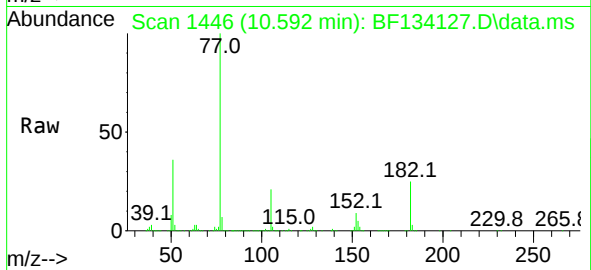
Tgt Ion:138 Resp: 199638
Ion Ratio Lower Upper
138 100
92 49.5 29.7 69.7
108 83.7 62.1 102.1





#63
Azobenzene
Concen: 57.391 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

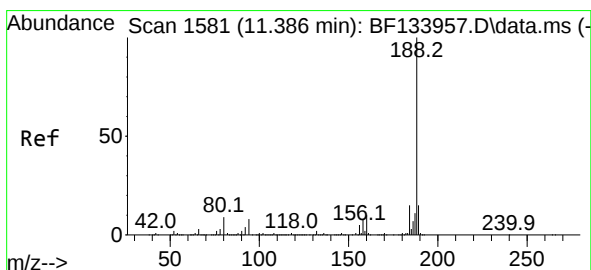
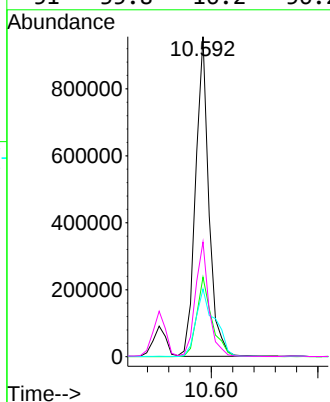
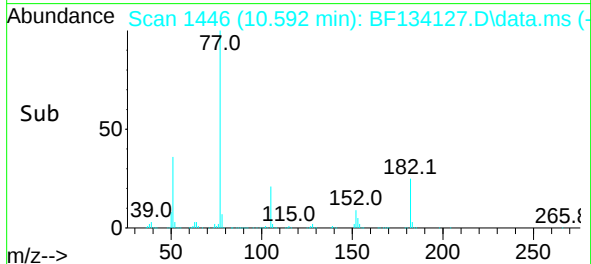
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



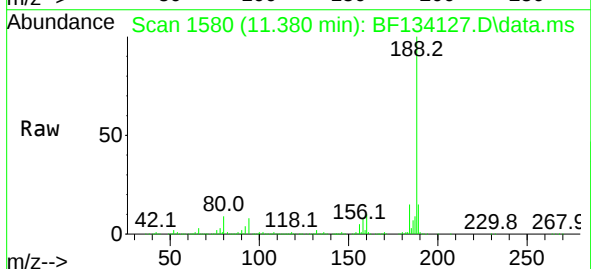
Tgt Ion: 77 Resp: 828340
Ion Ratio Lower Upper
77 100
182 24.8 6.8 46.8
105 21.2 2.3 42.3
51 35.8 16.2 56.2

Manual Integrations
APPROVED

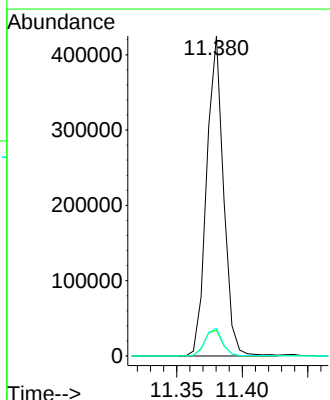
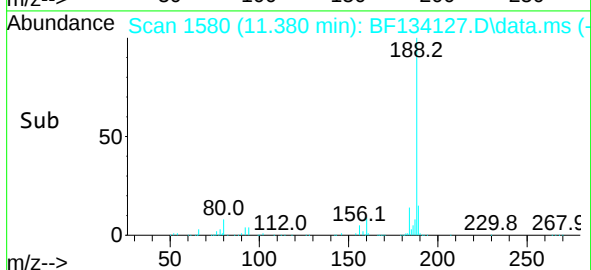
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

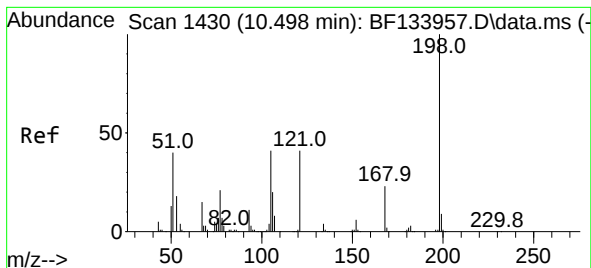


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04



Tgt Ion:188 Resp: 380118
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.7 7.3 10.9





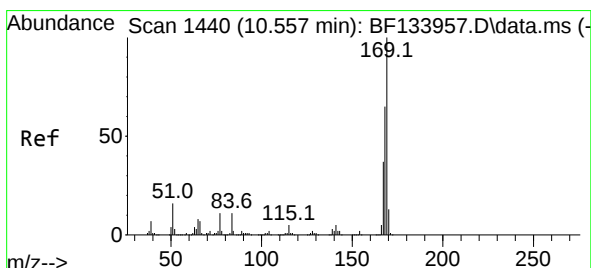
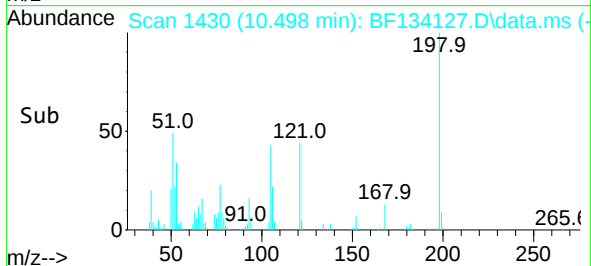
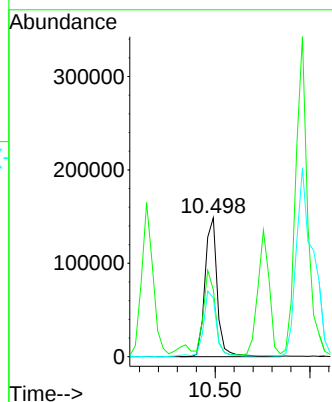
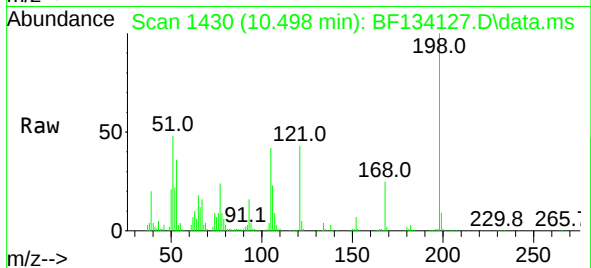
#65
4,6-Dinitro-2-methylphenol
Concen: 65.048 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD

Tgt Ion:198 Resp: 134804
Ion Ratio Lower Upper
198 100
51 48.3 29.3 69.3
105 42.3 22.4 62.4

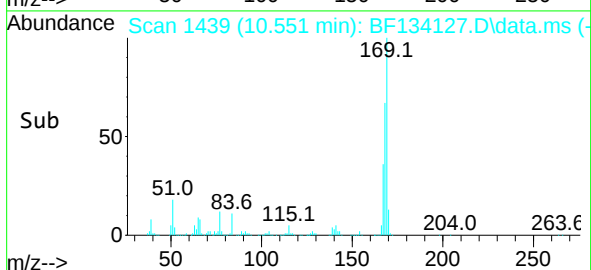
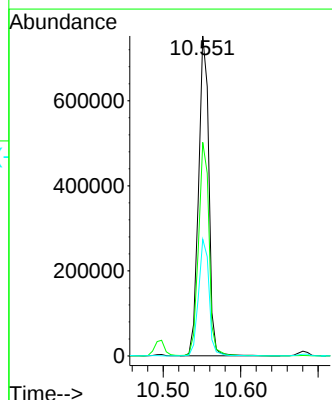
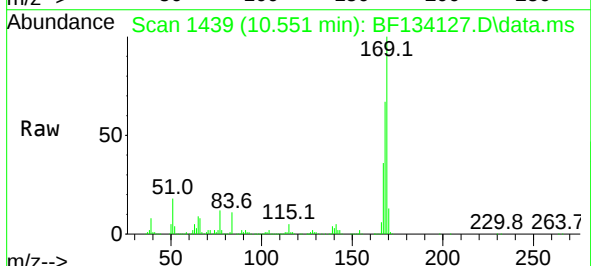
Manual Integrations
APPROVED

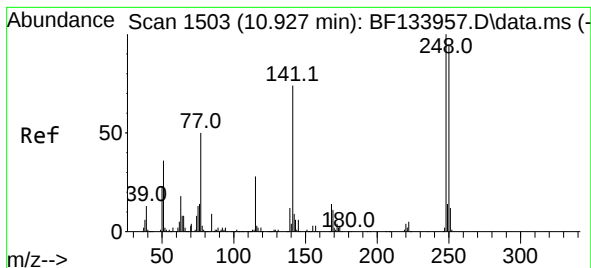
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#66
n-Nitrosodiphenylamine
Concen: 57.084 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

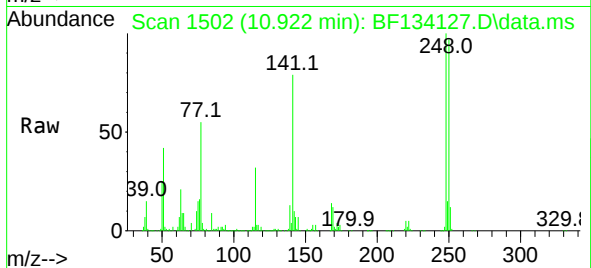
Tgt Ion:169 Resp: 693282
Ion Ratio Lower Upper
169 100
168 66.7 52.3 78.5
167 36.5 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 58.435 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

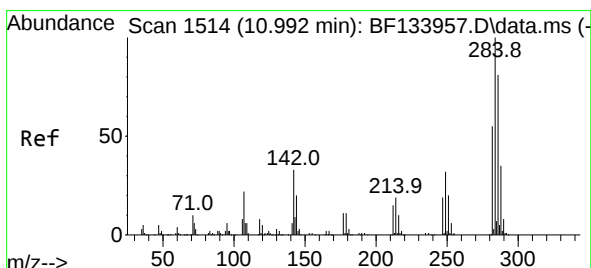
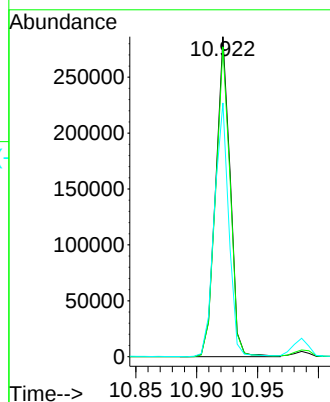
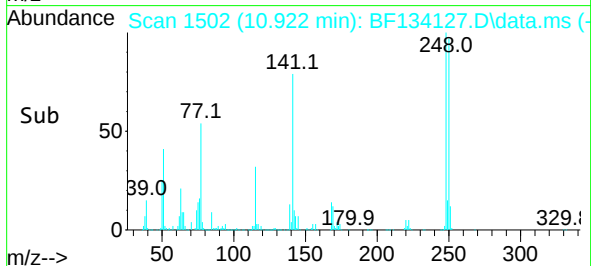
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



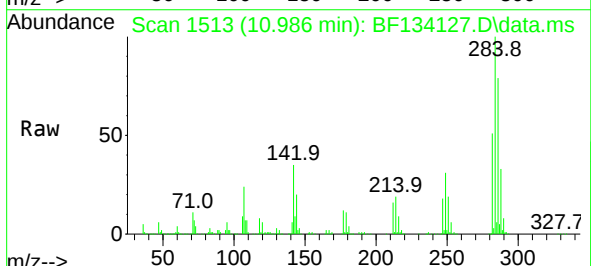
Tgt Ion:248 Resp: 236088
Ion Ratio Lower Upper
248 100
250 96.9 76.2 114.4
141 79.3 59.0 88.4

Manual Integrations
APPROVED

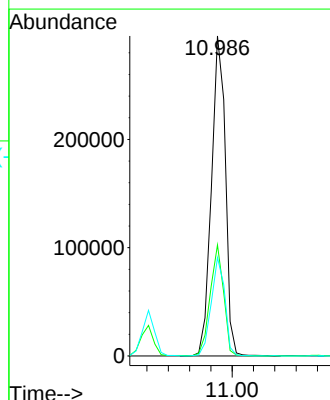
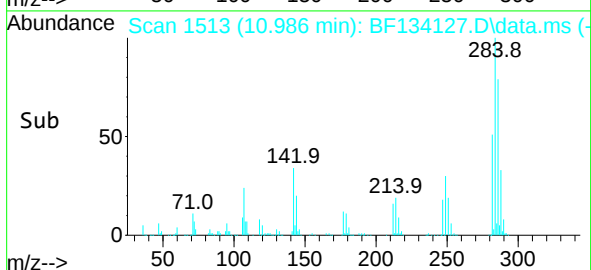
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

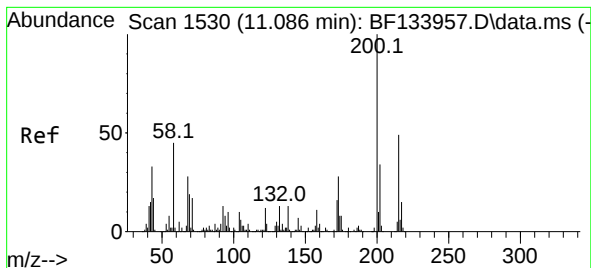


#68
Hexachlorobenzene
Concen: 62.611 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04



Tgt Ion:284 Resp: 268584
Ion Ratio Lower Upper
284 100
142 34.7 26.6 40.0
249 30.7 25.5 38.3





#69

Atrazine

Concen: 66.381 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF134127.D

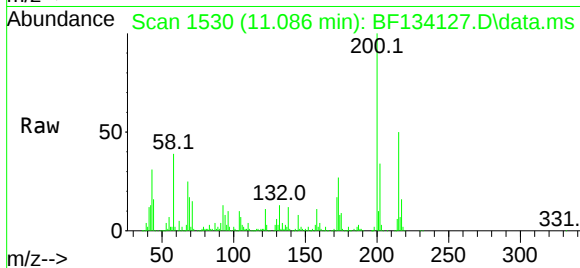
Acq: 07 Jul 2023 09:04

Instrument :

BNA_F

ClientSampleId :

BERGEN-COMPMSD



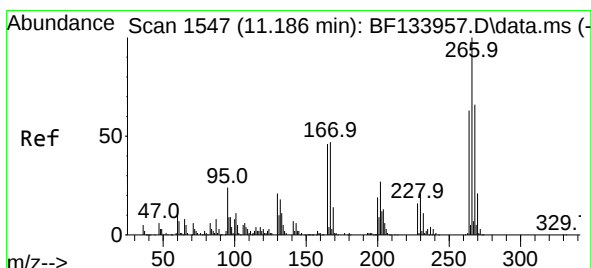
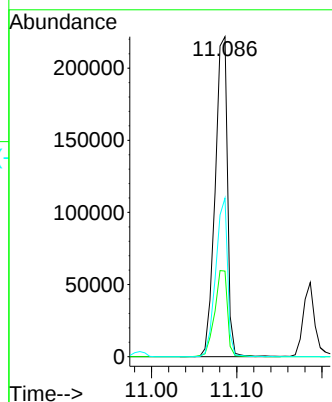
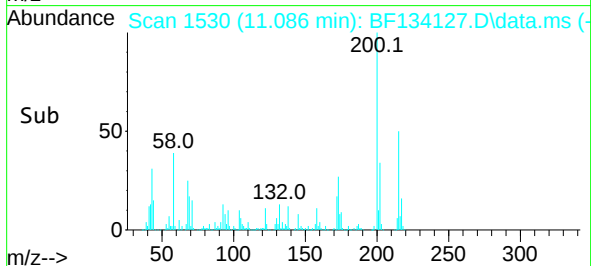
Tgt Ion:200	Resp: 222998
Ion Ratio	Lower Upper
200 100	
173 26.8	8.0 48.0
215 49.6	29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#70

Pentachlorophenol

Concen: 104.578 ng

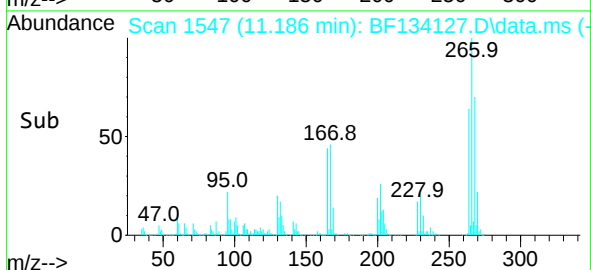
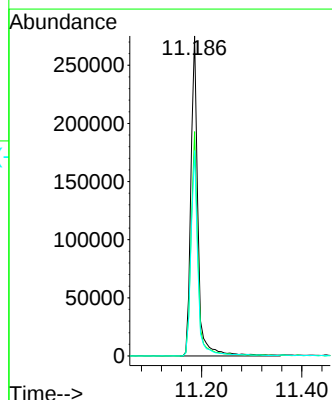
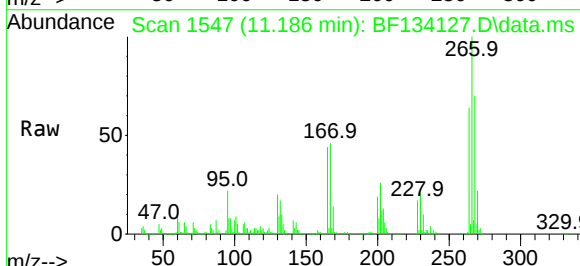
RT: 11.186 min Scan# 1547

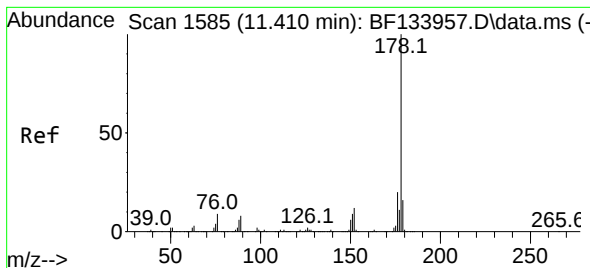
Delta R.T. -0.006 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

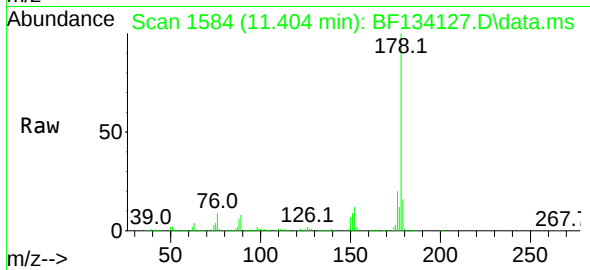
Tgt Ion:266	Resp: 268232
Ion Ratio	Lower Upper
266 100	
268 70.1	52.6 79.0
264 64.1	50.6 76.0





#71
Phenanthrene
Concen: 57.187 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

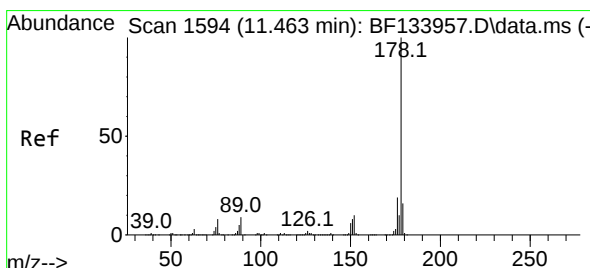
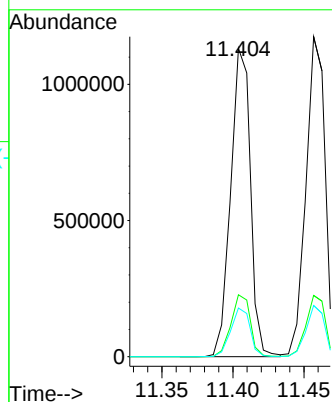
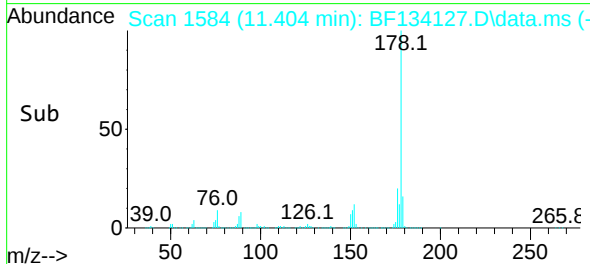
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



Tgt Ion:178 Resp: 1094320
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.8 12.4 18.6

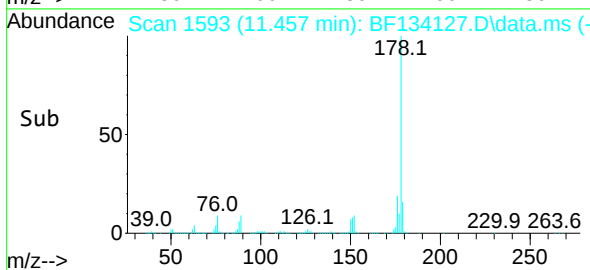
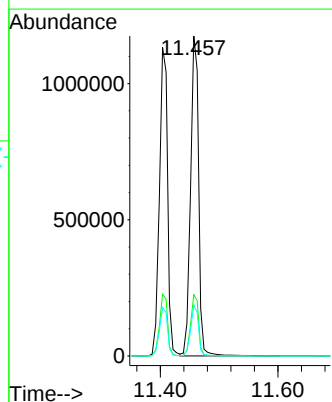
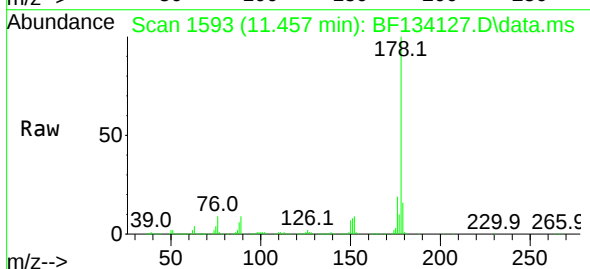
Manual Integrations
APPROVED

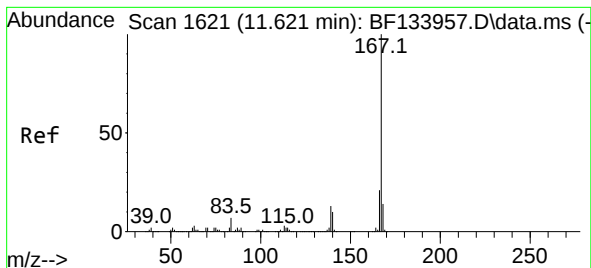
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023



#72
Anthracene
Concen: 56.379 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

Tgt Ion:178 Resp: 1122125
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 16.0 12.4 18.6





#73

Carbazole

Concen: 57.948 ng

RT: 11.616 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

Instrument :

BNA_F

ClientSampleId :

BERGEN-COMPMSD

Tgt Ion:167 Resp: 1055689

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

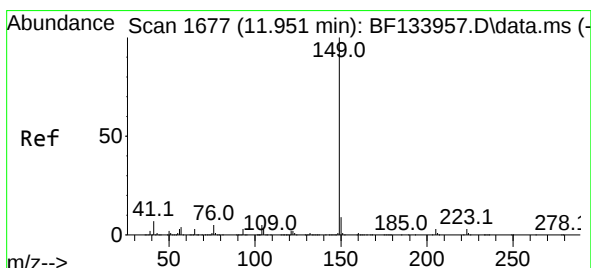
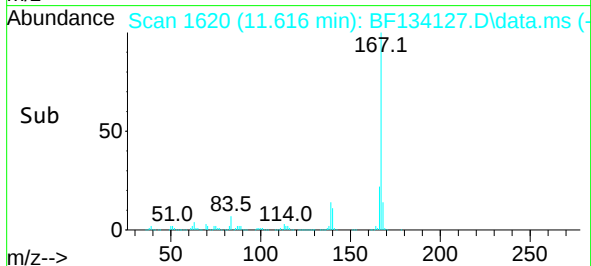
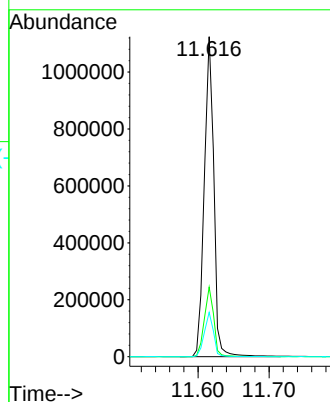
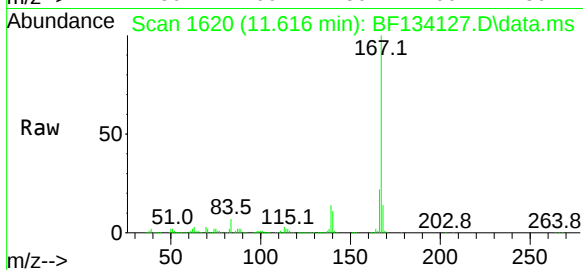
139 13.8 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#74

Di-n-butylphthalate

Concen: 56.190 ng

RT: 11.945 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

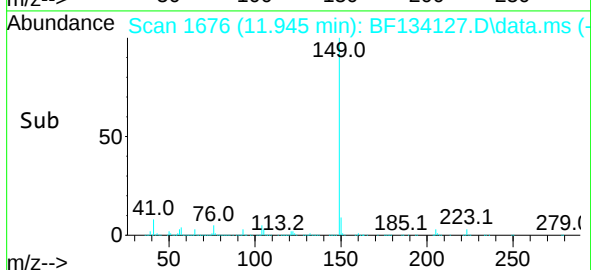
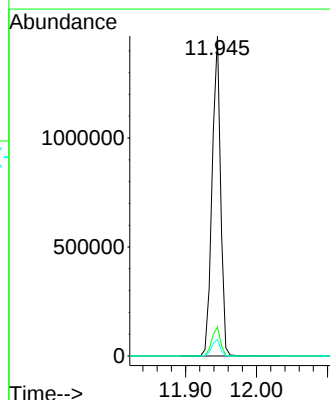
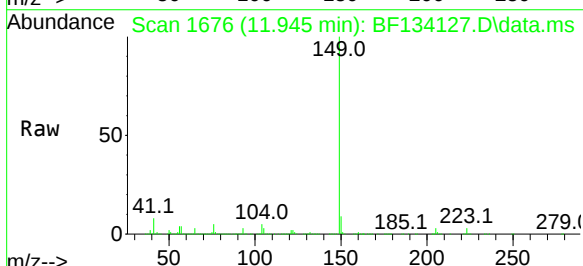
Tgt Ion:149 Resp: 1217320

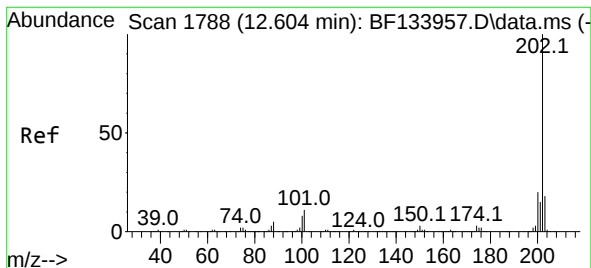
Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 55.143 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

Instrument :

BNA_F

ClientSampleId :

BERGEN-COMPMSD

Tgt Ion:202 Resp: 114076

Ion Ratio Lower Upper

202 100

101 9.2 0.0 31.0

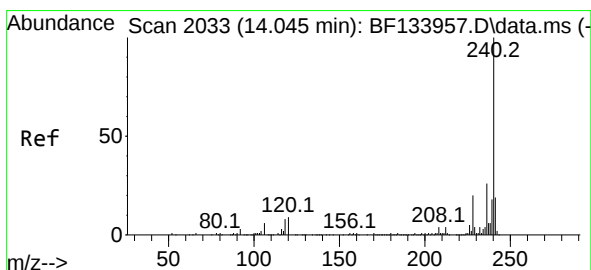
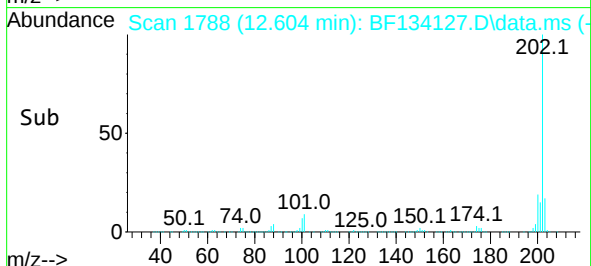
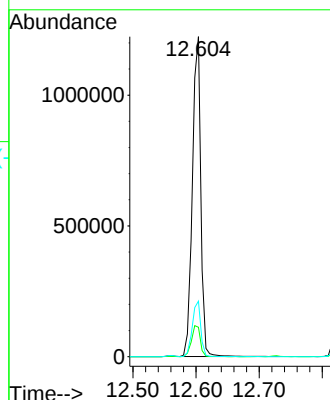
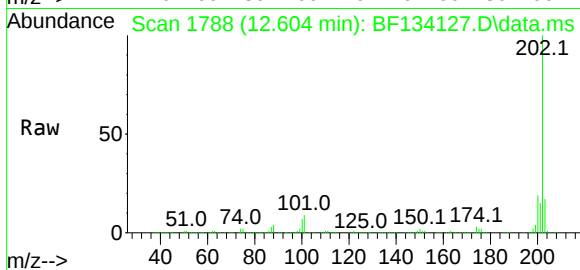
203 17.3 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

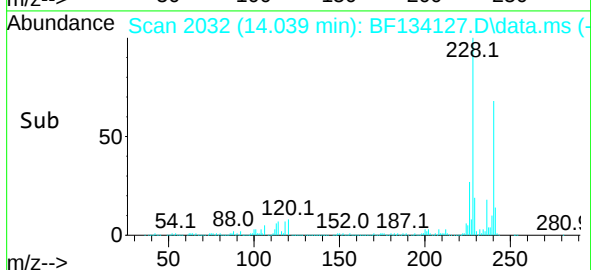
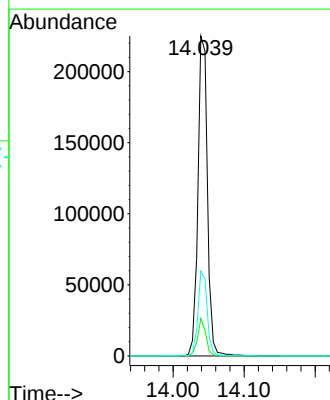
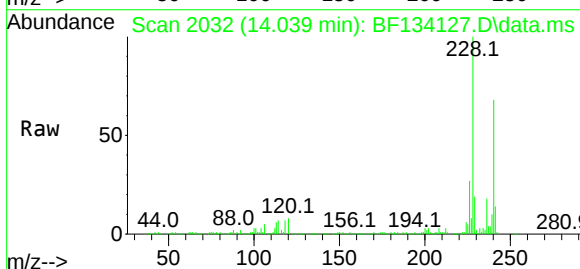
Tgt Ion:240 Resp: 210333

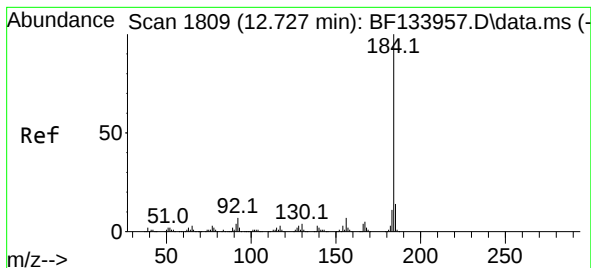
Ion Ratio Lower Upper

240 100

120 11.7 7.4 11.0#

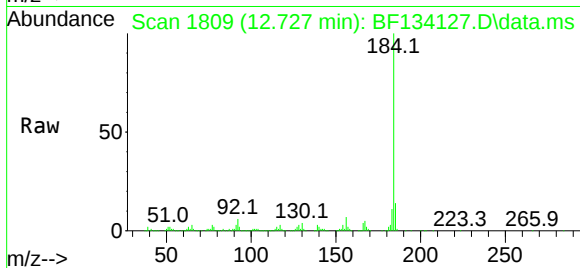
236 26.6 21.0 31.6





#77
Benzidine
Concen: 84.041 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

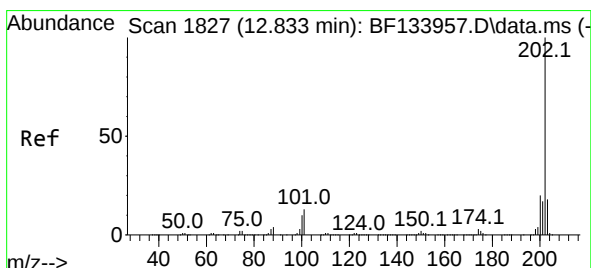
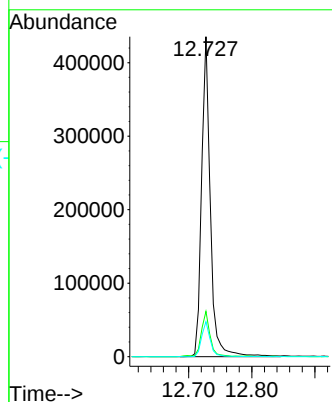
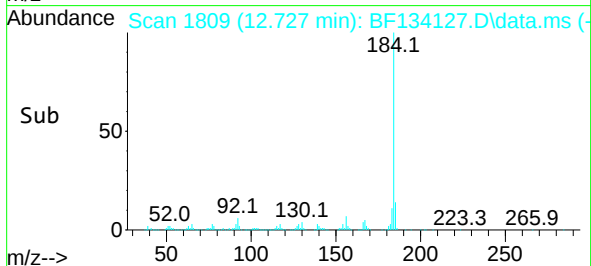
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



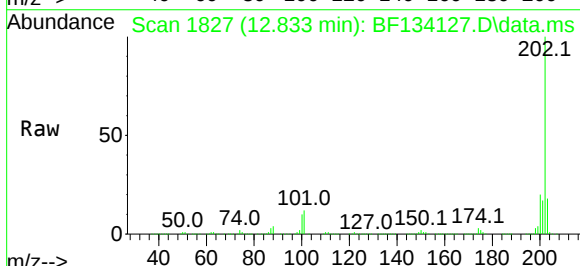
Tgt Ion:184 Resp: 420609
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.0 8.8 13.2

Manual Integrations
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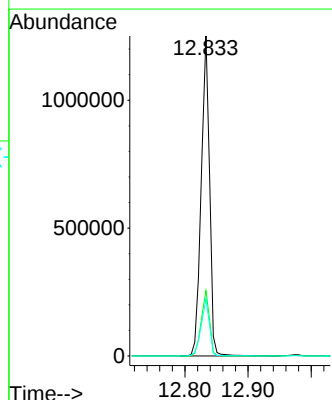
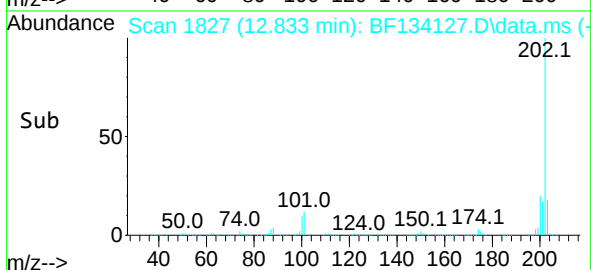
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

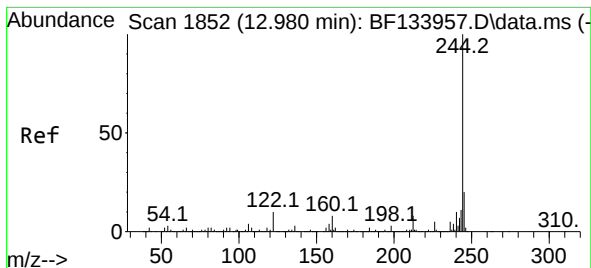


#78
Pyrene
Concen: 58.462 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04



Tgt Ion:202 Resp: 1144361
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 103.508 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF134127.D

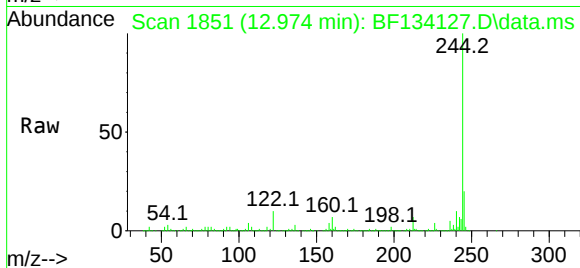
Acq: 07 Jul 2023 09:04

Instrument :

BNA_F

ClientSampleId :

BERGEN-COMPMSD



Tgt Ion:244 Resp: 135273

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

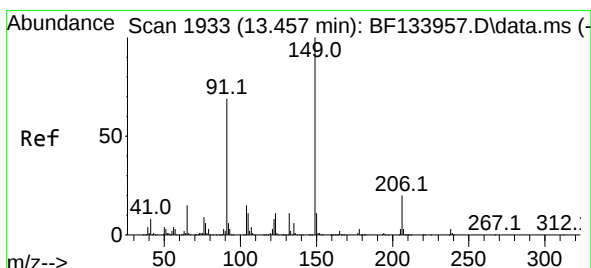
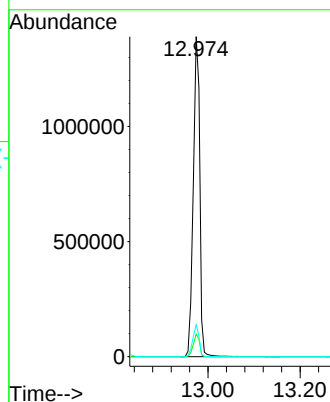
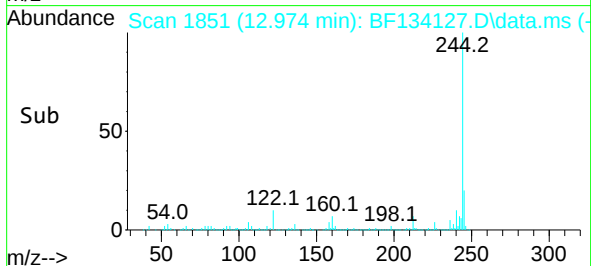
122 10.0 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#80

Butylbenzylphthalate

Concen: 59.834 ng

RT: 13.457 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

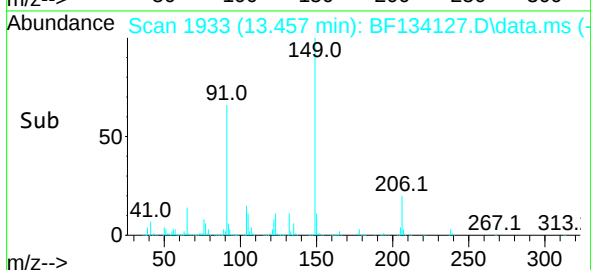
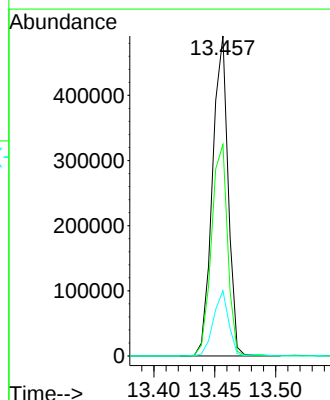
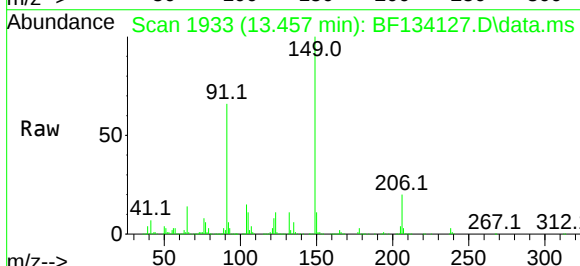
Tgt Ion:149 Resp: 439260

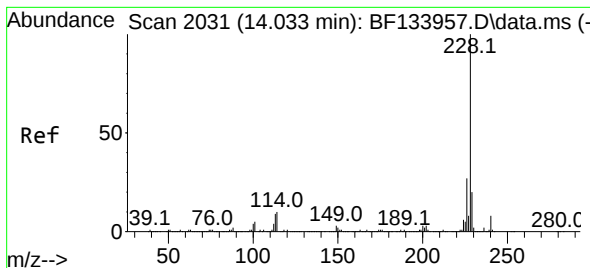
Ion Ratio Lower Upper

149 100

91 66.1 55.1 82.7

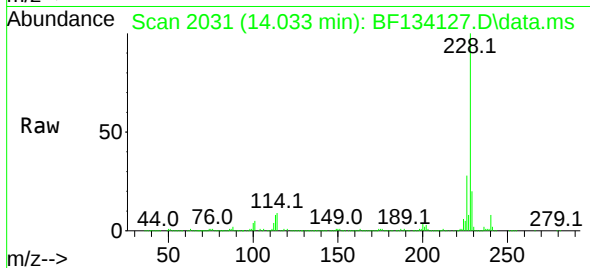
206 20.4 15.7 23.5





#81
Benzo(a)anthracene
Concen: 57.958 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

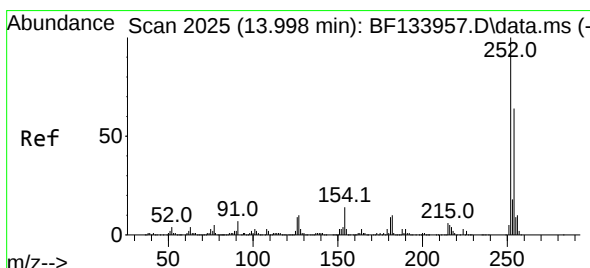
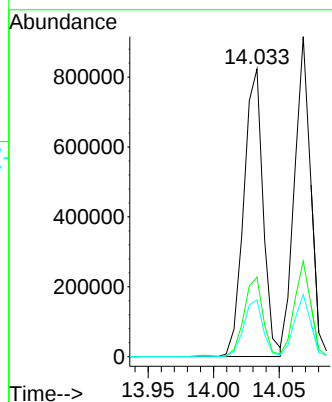
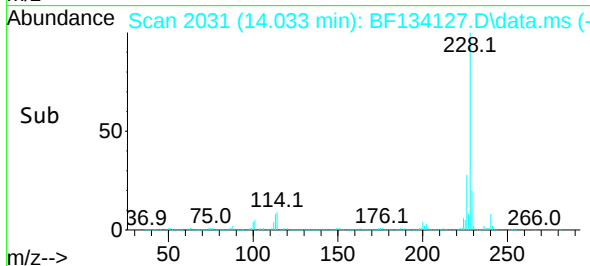
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



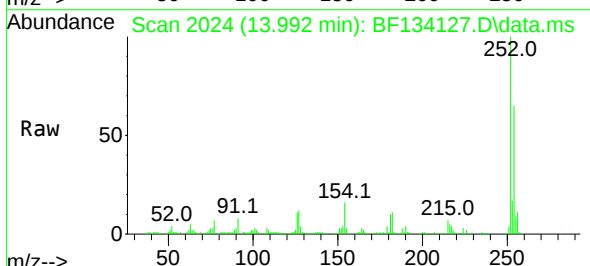
Tgt Ion:228 Resp: 84543
Ion Ratio Lower Upper
228 100
226 27.6 22.0 33.0
229 19.7 16.3 24.5

Manual Integrations
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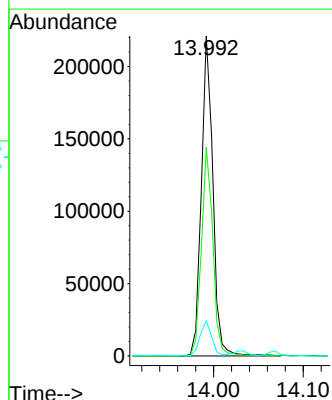
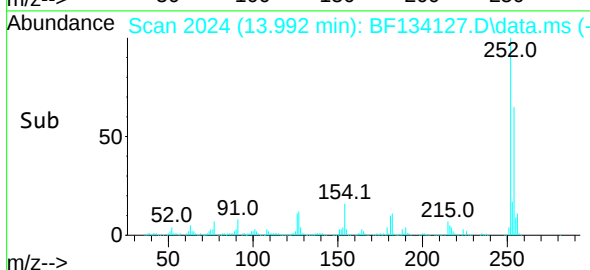
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

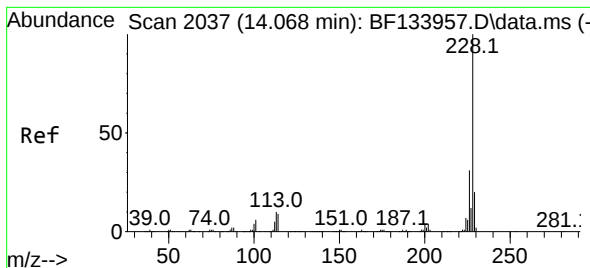


#82
3,3'-Dichlorobenzidine
Concen: 42.624 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04



Tgt Ion:252 Resp: 196985
Ion Ratio Lower Upper
252 100
254 65.2 51.4 77.0
126 11.0 7.4 11.2





#83

Chrysene

Concen: 56.582 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF134127.D

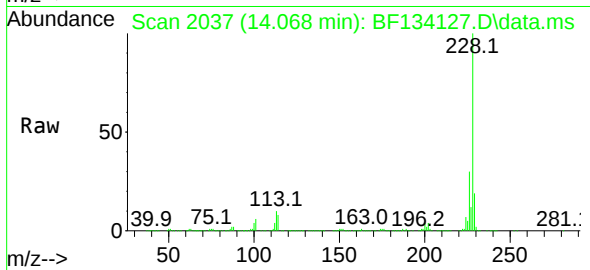
Acq: 07 Jul 2023 09:04

Instrument :

BNA_F

ClientSampleId :

BERGEN-COMPMSD



Tgt Ion:228 Resp: 79941

Ion Ratio Lower Upper

228 100

226 29.9 24.4 36.6

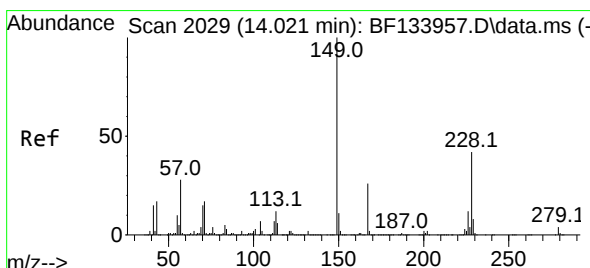
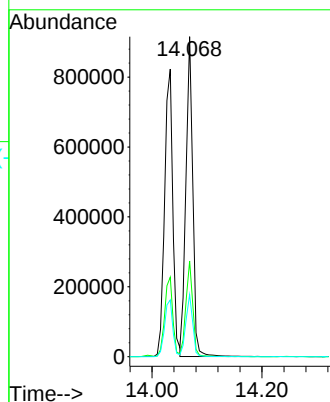
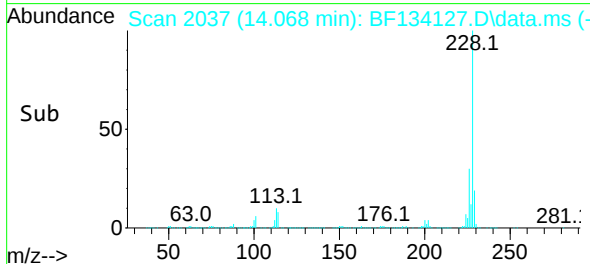
229 19.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#84

Bis(2-ethylhexyl)phthalate

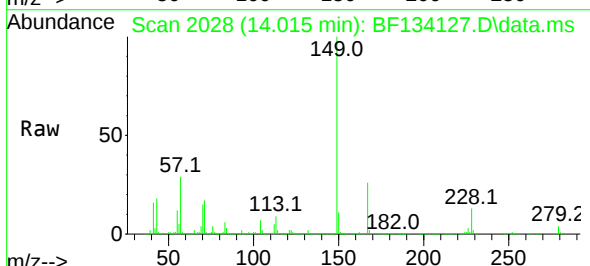
Concen: 61.012 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04



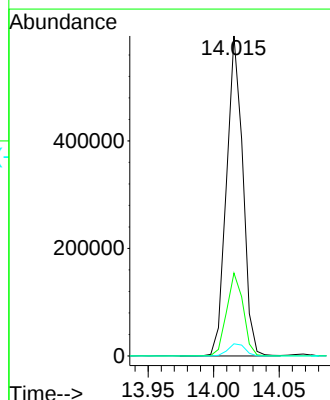
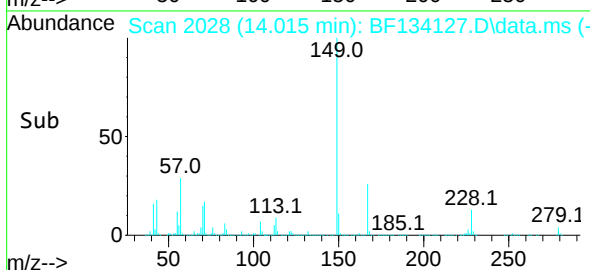
Tgt Ion:149 Resp: 514669

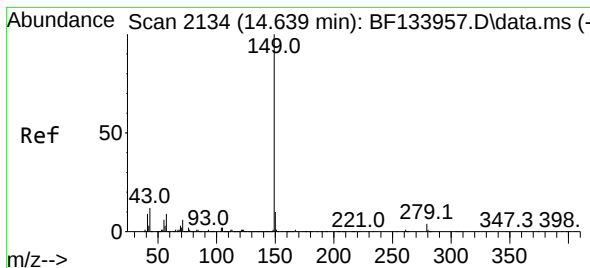
Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

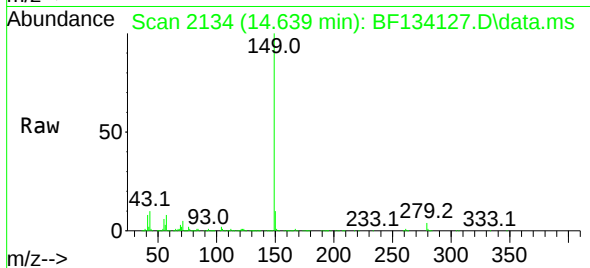
279 3.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 61.115 ng
RT: 14.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

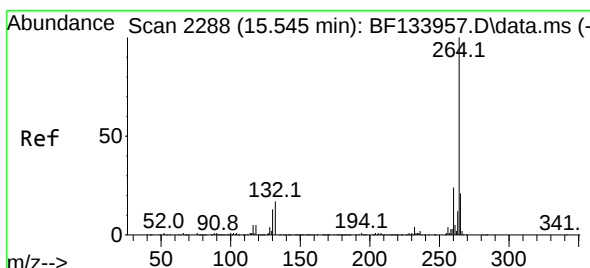
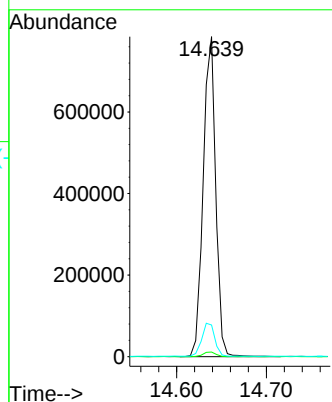
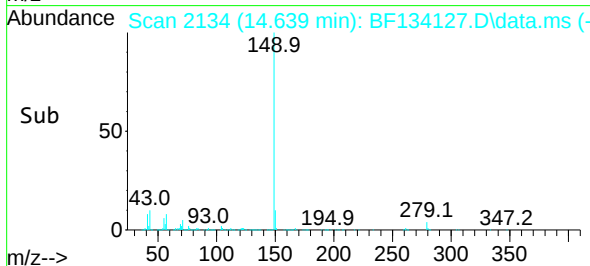
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



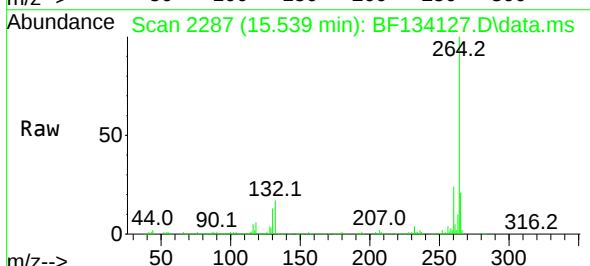
Tgt Ion:149 Resp: 757520
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.8 9.0 13.4

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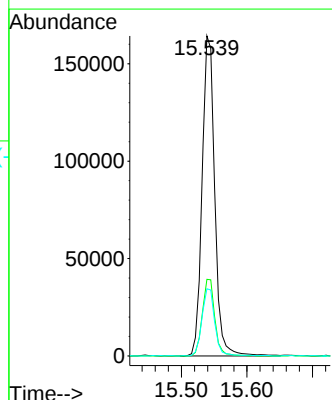
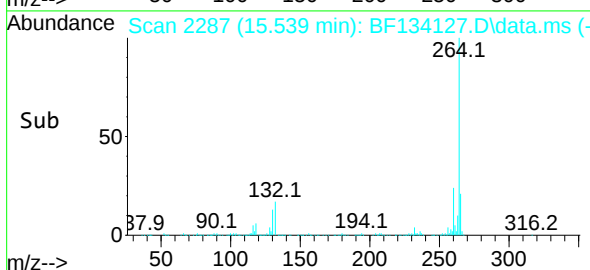
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

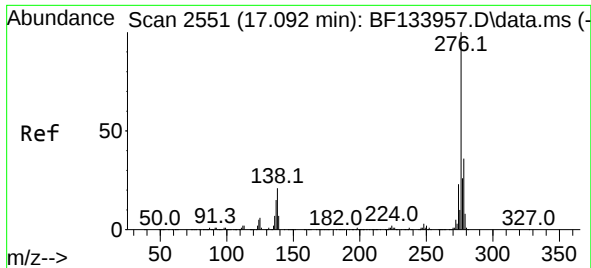


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04



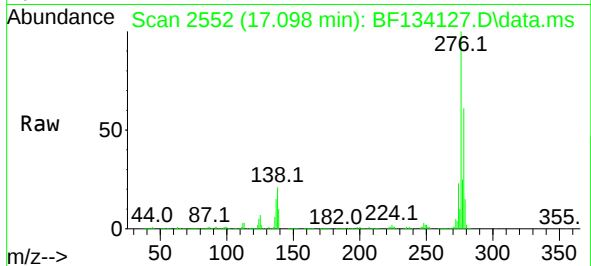
Tgt Ion:264 Resp: 220837
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.0 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 59.989 ng
RT: 17.098 min Scan# 2112
Delta R.T. -0.012 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

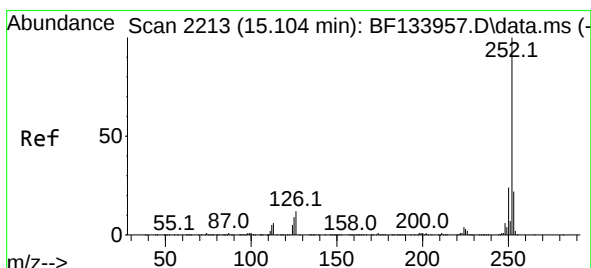
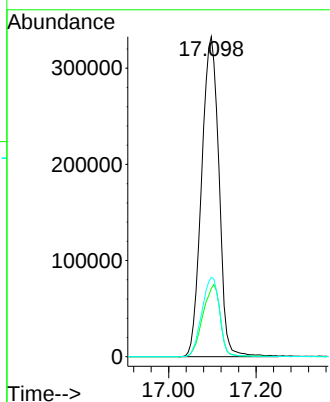
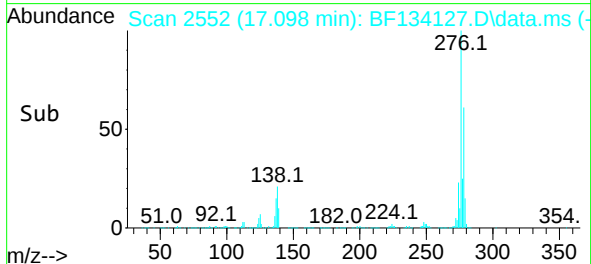
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



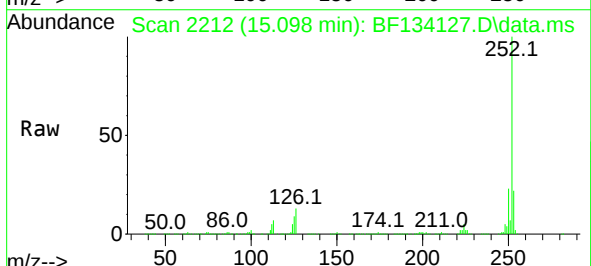
Tgt Ion:276 Resp: 919272
Ion Ratio Lower Upper
276 100
138 22.6 18.7 28.1
277 25.4 19.9 29.9

Manual Integrations
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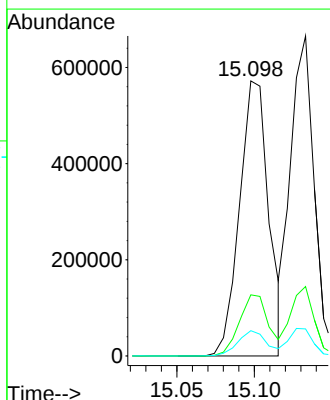
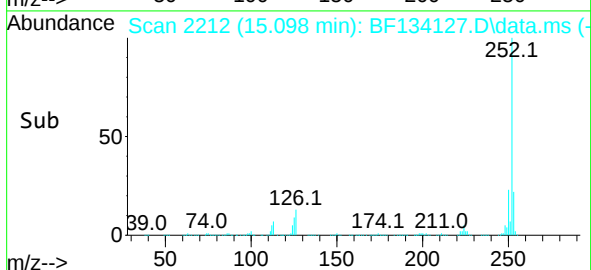
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

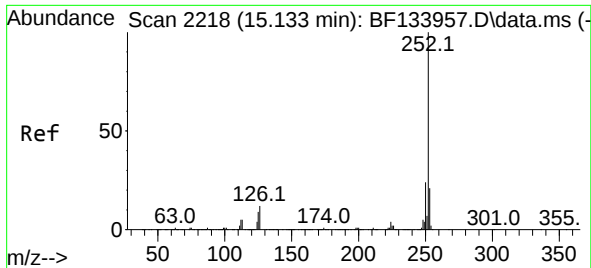


#88
Benzo(b)fluoranthene
Concen: 57.814 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.012 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04



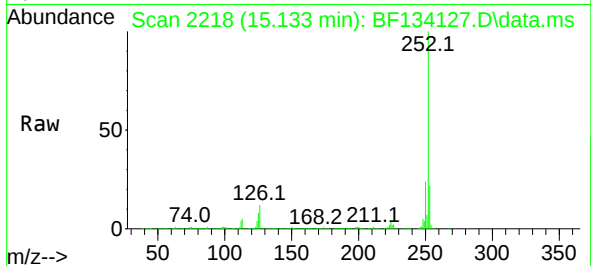
Tgt Ion:252 Resp: 750743
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.2 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 54.386 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04

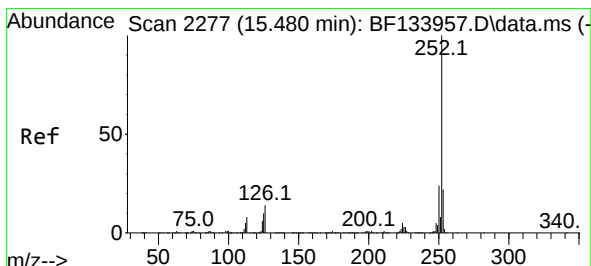
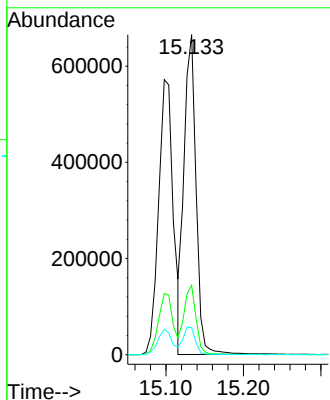
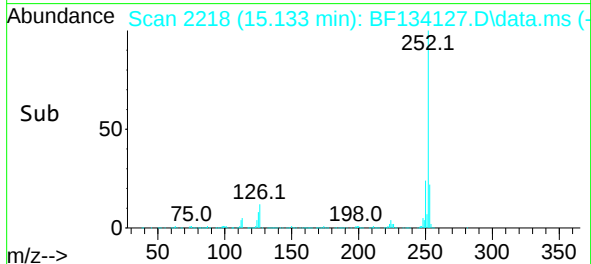
Instrument :
BNA_F
ClientSampleId :
BERGEN-COMPMSD



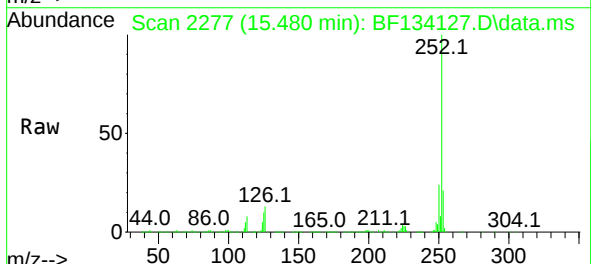
Tgt Ion:252 Resp: 719040
Ion Ratio Lower Upper
252 100
253 21.7 16.9 25.3
125 8.4 7.4 11.2

Manual Integrations
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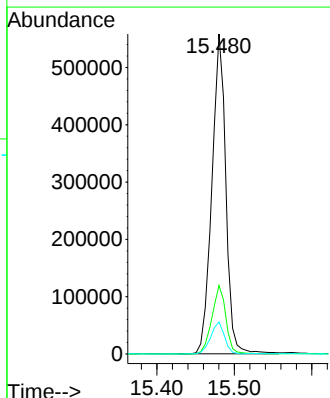
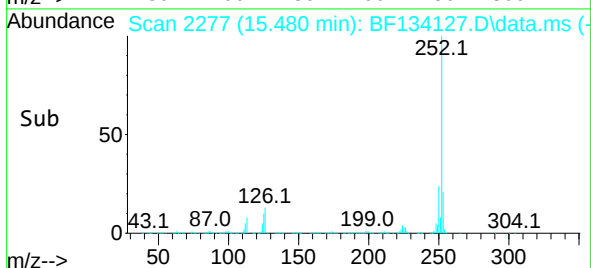
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/09/2023

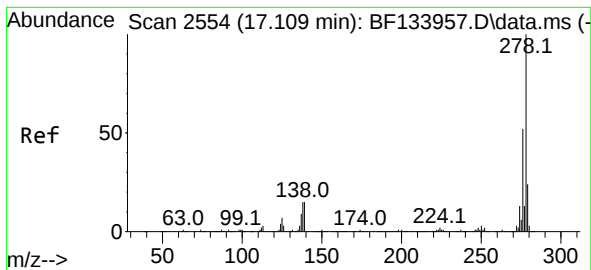


#90
Benzo(a)pyrene
Concen: 55.857 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.012 min
Lab File: BF134127.D
Acq: 07 Jul 2023 09:04



Tgt Ion:252 Resp: 701385
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 10.0 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 60.250 ng

RT: 17.115 min Scan# 2555

Delta R.T. -0.012 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

Instrument :

BNF

ClientSampleId :

BERGEN-COMPMSD

Tgt Ion:278 Resp: 754110

Ion Ratio Lower Upper

278 100

139 14.0 12.2 18.4

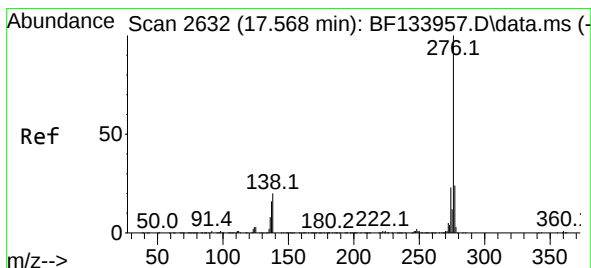
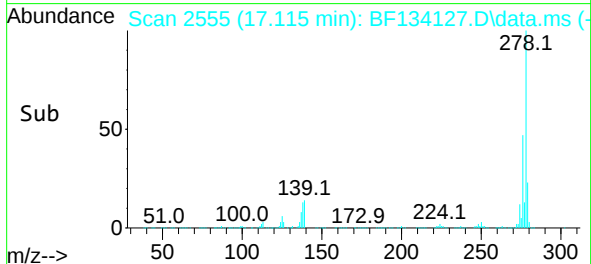
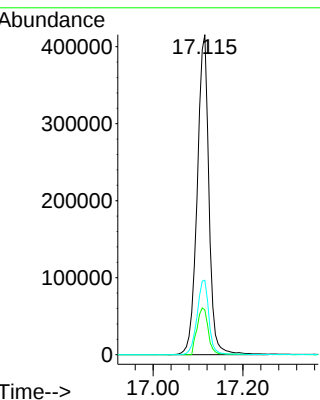
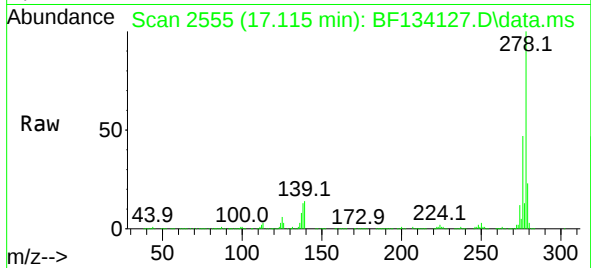
279 23.3 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :mohammad ahmed 07/09/2023



#92

Benzo(g,h,i)perylene

Concen: 62.362 ng

RT: 17.568 min Scan# 2632

Delta R.T. -0.012 min

Lab File: BF134127.D

Acq: 07 Jul 2023 09:04

Tgt Ion:276 Resp: 804926

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 20.3 16.2 24.2

