

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
 Data File : BF134497.D
 Acq On : 26 Jul 2023 23:27
 Operator : CG\JU
 Sample : 03717-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Jul 27 01:58:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	89393	20.000	ng	-0.01
21) Naphthalene-d8	8.104	136	304269	20.000	ng	#-0.01
39) Acenaphthene-d10	9.863	164	135773	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	261031	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	169254	20.000	ng	-0.02
86) Perylene-d12	15.510	264	214562	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	557145	102.973	ng	0.00
7) Phenol-d6	6.475	99	623358	94.035	ng	0.00
23) Nitrobenzene-d5	7.392	82	476737	79.273	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	202243	104.839	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	916081	88.576	ng	-0.01
79) Terphenyl-d14	12.951	244	819550	84.527	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	93964	40.943	ng	# 78
3) Pyridine	3.499	79	181837	35.298	ng	98
4) n-Nitrosodimethylamine	3.416	42	154447	50.732	ng	# 79
6) Aniline	6.498	93	138947	17.784	ng	# 81
8) 2-Chlorophenol	6.616	128	216414	39.482	ng	98
9) Benzaldehyde	6.387	77	89223	25.133	ng	98
10) Phenol	6.487	94	231873	33.618	ng	92
11) bis(2-Chloroethyl)ether	6.563	93	198325	41.190	ng	97
12) 1,3-Dichlorobenzene	6.763	146	223822	37.973	ng	98
13) 1,4-Dichlorobenzene	6.840	146	228723	37.707	ng	98
14) 1,2-Dichlorobenzene	6.992	146	216987	38.082	ng	97
15) Benzyl Alcohol	6.975	79	198179	38.720	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.098	45	311096	43.874	ng	93
17) 2-Methylphenol	7.087	107	170051	34.786	ng	97
18) Hexachloroethane	7.328	117	84225	36.142	ng	97
19) n-Nitroso-di-n-propyla...	7.234	70	162538	39.387	ng	99
20) 3+4-Methylphenols	7.240	107	219950	35.142	ng	94
22) Acetophenone	7.234	105	312989	41.361	ng	92
24) Nitrobenzene	7.410	77	239450	40.036	ng	99
25) Isophorone	7.645	82	405716	40.479	ng	99
26) 2-Nitrophenol	7.722	139	92427	33.600	ng	99
27) 2,4-Dimethylphenol	7.763	122	165254	38.067	ng	94
28) bis(2-Chloroethoxy)met...	7.851	93	210961	37.815	ng	99
29) 2,4-Dichlorophenol	7.969	162	182224	41.991	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	175065	37.399	ng	99
31) Naphthalene	8.122	128	579610	38.276	ng	99
32) Benzoic acid	7.881	122	60669m	20.923	ng	
33) 4-Chloroaniline	8.181	127	71194	11.374	ng	96
34) Hexachlorobutadiene	8.234	225	115215	36.741	ng	99
35) Caprolactam	8.551	113	43009	32.412	ng	95
36) 4-Chloro-3-methylphenol	8.669	107	192671	38.479	ng	99
37) 2-Methylnaphthalene	8.816	142	405449	38.535	ng	99
38) 1-Methylnaphthalene	8.916	142	316873	32.463	ng	96
40) 1,2,4,5-Tetrachloroben...	8.981	216	167552	38.942	ng	99
41) Hexachlorocyclopentadiene	8.963	237	76137	59.186	ng	95
43) 2,4,6-Trichlorophenol	9.104	196	126697	45.901	ng	98

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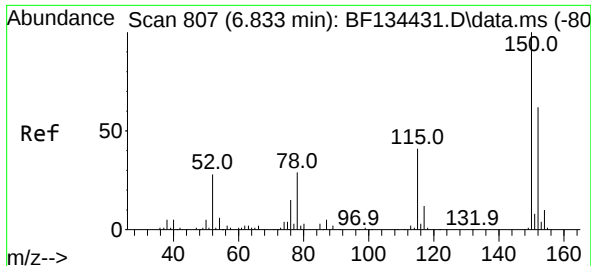
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	130524	40.587	ng	93
46) 1,1'-Biphenyl	9.281	154	507870	45.385	ng	98
47) 2-Chloronaphthalene	9.310	162	335695	40.691	ng	100
48) 2-Nitroaniline	9.410	65	135909	45.744	ng	97
49) Acenaphthylene	9.722	152	616155	44.210	ng	99
50) Dimethylphthalate	9.586	163	448255	44.537	ng	99
51) 2,6-Dinitrotoluene	9.651	165	81458	36.885	ng	99
52) Acenaphthene	9.892	154	312191	37.919	ng	99
53) 3-Nitroaniline	9.828	138	91672	36.204	ng	99
54) 2,4-Dinitrophenol	9.945	184	11828	15.939	ng	98
55) Dibenzofuran	10.069	168	488337	38.538	ng	99
56) 4-Nitrophenol	10.004	139	62855	46.549	ng	94
57) 2,4-Dinitrotoluene	10.063	165	105083	35.426	ng	91
58) Fluorene	10.410	166	451241	44.142	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	90110	36.470	ng	89
60) Diethylphthalate	10.286	149	539048	51.730	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	224648	46.003	ng	98
62) 4-Nitroaniline	10.445	138	94482	36.370	ng	95
63) Azobenzene	10.563	77	393343	41.009	ng	95
65) 4,6-Dinitro-2-methylph...	10.480	198	15025	10.034	ng	95
66) n-Nitrosodiphenylamine	10.528	169	386395	46.527	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	116834	40.851	ng	# 91
68) Hexachlorobenzene	10.963	284	133167	41.349	ng	97
69) Atrazine	11.057	200	109259	47.188	ng	98
70) Pentachlorophenol	11.163	266	58831	43.528	ng	96
71) Phenanthrene	11.380	178	514081	37.694	ng	99
72) Anthracene	11.433	178	524753	37.279	ng	99
73) Carbazole	11.592	167	465443	35.113	ng	100
74) Di-n-butylphthalate	11.916	149	667063	43.839	ng	99
75) Fluoranthene	12.574	202	512661	32.253	ng	100
77) Benzidine	12.704	184	44020	12.181	ng	96
78) Pyrene	12.804	202	503807	37.436	ng	99
80) Butylbenzylphthalate	13.421	149	238210	44.189	ng	98
81) Benzo(a)anthracene	14.004	228	444329	37.628	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	108964	29.134	ng	95
83) Chrysene	14.039	228	415749	36.809	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	333436	50.913	ng	98
85) Di-n-octyl phthalate	14.598	149	538100	59.124	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	402517	28.715	ng	98
88) Benzo(b)fluoranthene	15.068	252	469056	34.944	ng	97
89) Benzo(k)fluoranthene	15.098	252	410690	31.111	ng	100
90) Benzo(a)pyrene	15.445	252	439119	35.392	ng	# 97
91) Dibenzo(a,h)anthracene	17.057	278	339190	29.963	ng	97
92) Benzo(g,h,i)perylene	17.509	276	341993	29.422	ng	96

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



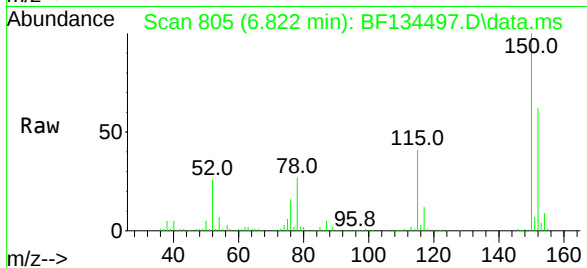
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.011 min
 Lab File: BF134497.D
 Acq: 26 Jul 2023 23:27

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

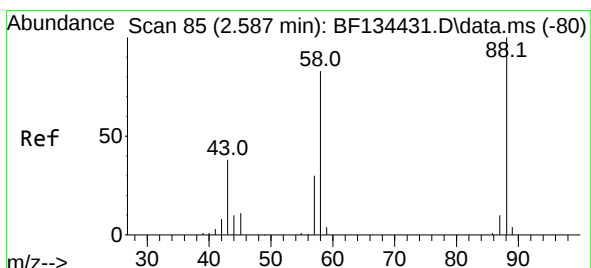
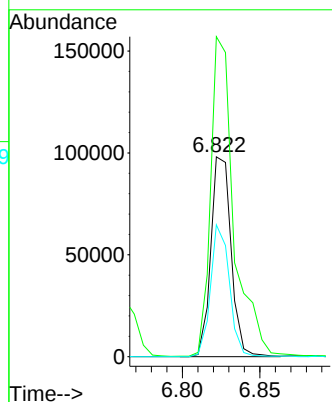
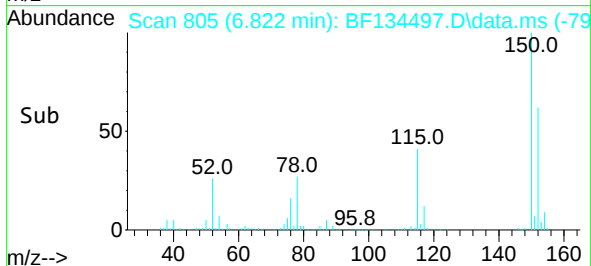


Tgt Ion:152 Resp: 8939
 Ion Ratio Lower Upper
 152 100
 150 160.1 128.3 192.5
 115 65.9 52.4 78.6

Manual Integrations

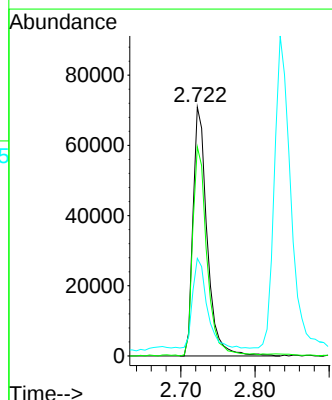
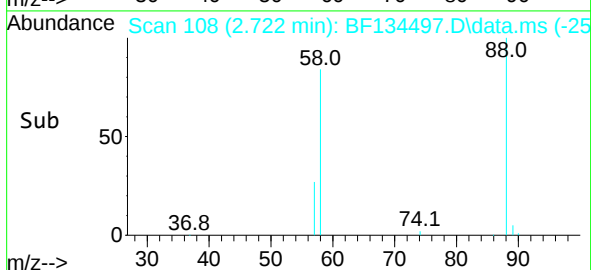
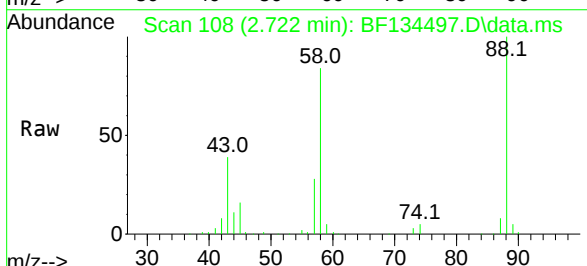
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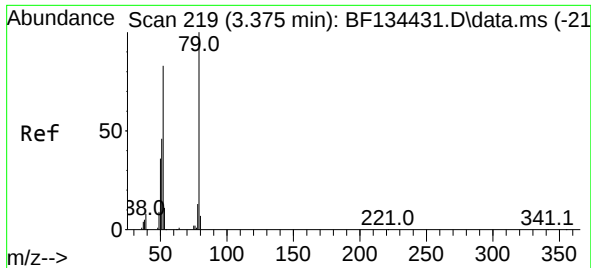
Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023



#2
 1,4-Dioxane
 Concen: 40.943 ng
 RT: 2.722 min Scan# 108
 Delta R.T. 0.135 min
 Lab File: BF134497.D
 Acq: 26 Jul 2023 23:27

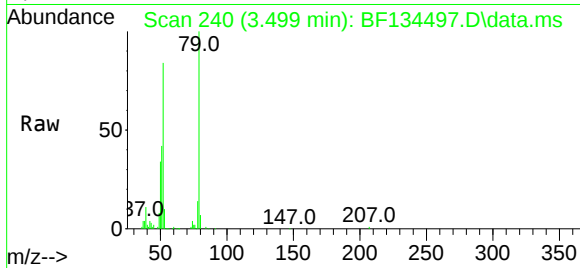
Tgt Ion: 88 Resp: 93964
 Ion Ratio Lower Upper
 88 100
 58 84.5 65.1 97.7
 43 0.0 30.3 45.5#





#3
 Pyridine
 Concen: 35.298 ng
 RT: 3.499 min Scan# 24
 Delta R.T. 0.124 min
 Lab File: BF134497.D
 Acq: 26 Jul 2023 23:27

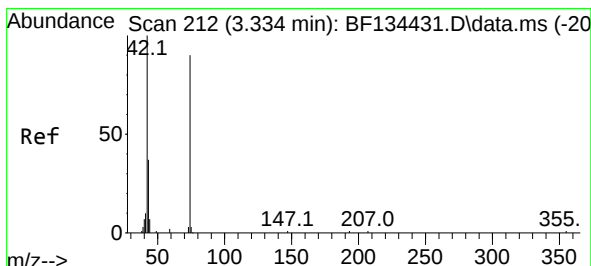
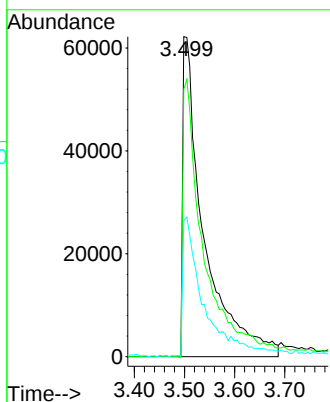
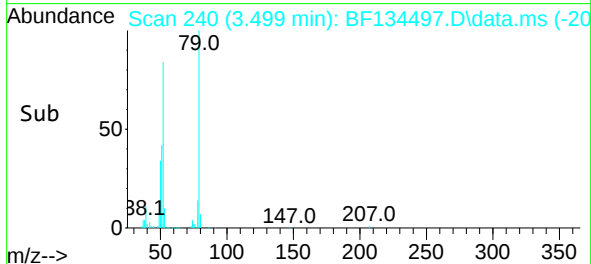
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD



Tgt Ion: 79 Resp: 18183
 Ion Ratio Lower Upper
 79 100
 52 83.6 66.6 100.0
 51 42.5 36.5 54.7

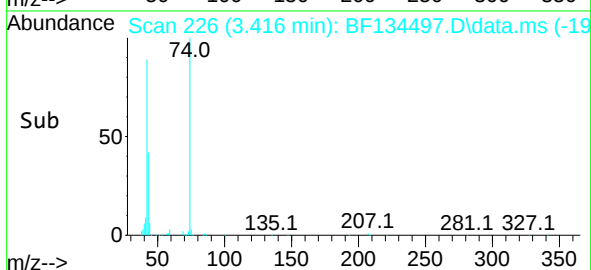
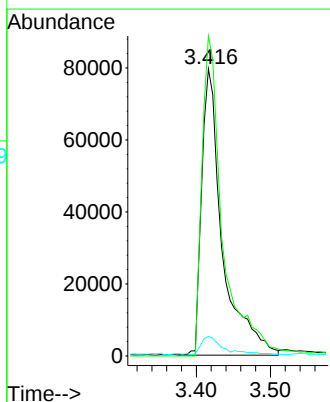
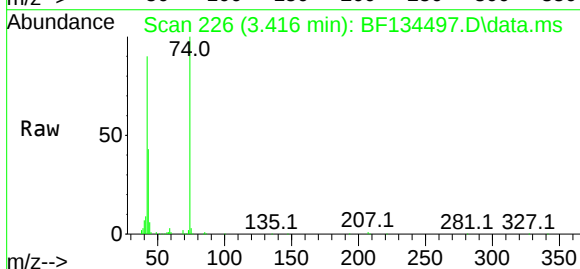
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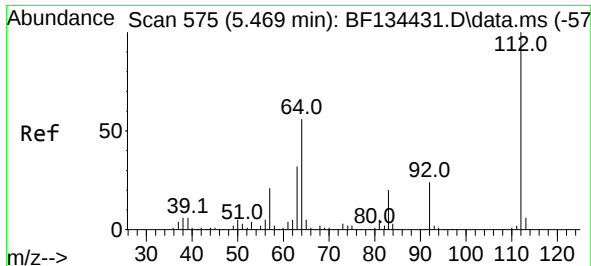
Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023



#4
 n-Nitrosodimethylamine
 Concen: 50.732 ng
 RT: 3.416 min Scan# 226
 Delta R.T. 0.083 min
 Lab File: BF134497.D
 Acq: 26 Jul 2023 23:27

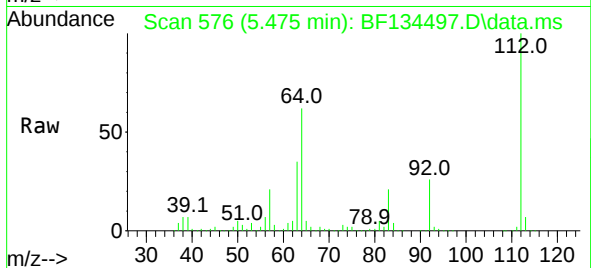
Tgt Ion: 42 Resp: 154447
 Ion Ratio Lower Upper
 42 100
 74 111.5 72.2 108.4#
 44 6.8 5.4 8.0





#5
2-Fluorophenol
Concen: 102.973 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

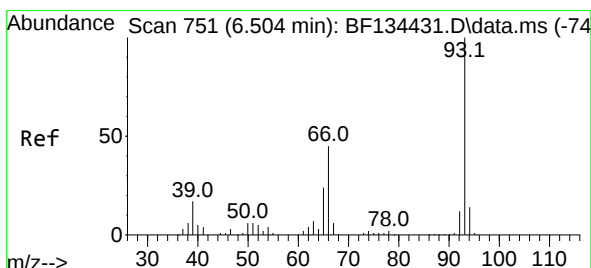
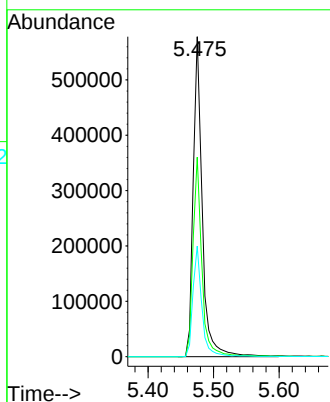
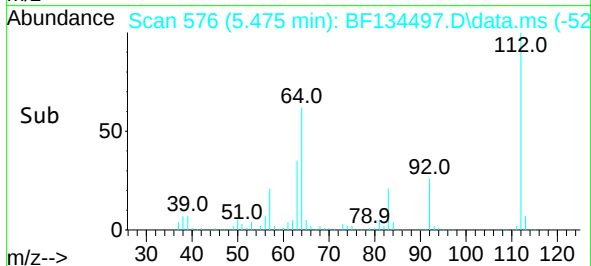
Instrument :
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ClientSampleId :
TP-1MSD



Tgt Ion:112 Resp: 55714
Ion Ratio Lower Upper
112 100
64 62.3 44.9 67.3
63 34.6 25.4 38.0

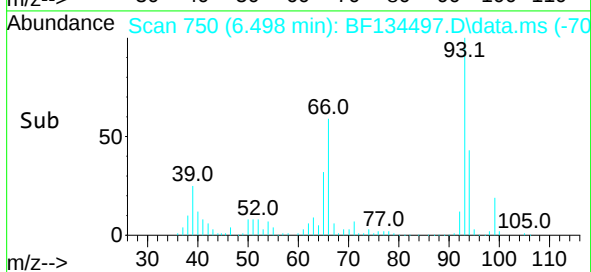
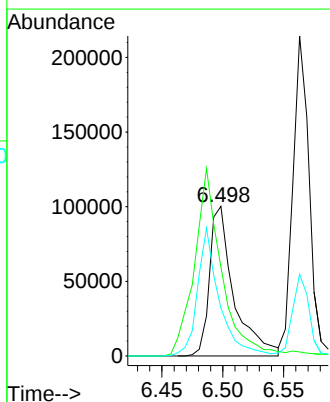
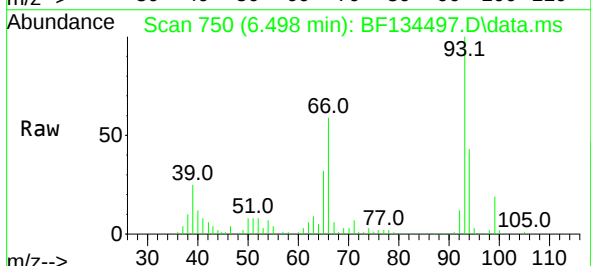
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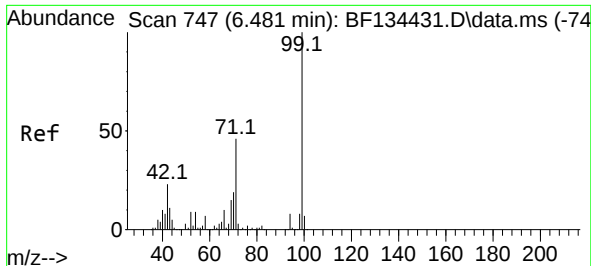
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#6
Aniline
Concen: 17.784 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

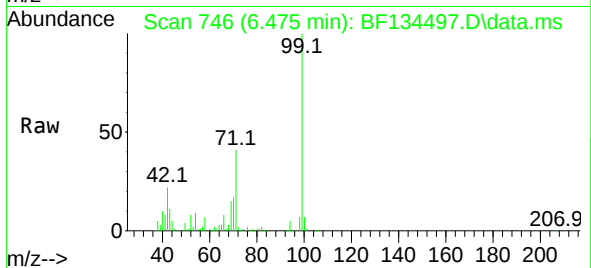
Tgt Ion: 93 Resp: 138947
Ion Ratio Lower Upper
93 100
66 59.5 36.8 55.2#
65 32.0 19.4 29.0#





#7
Phenol-d6
Concen: 94.035 ng
RT: 6.475 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

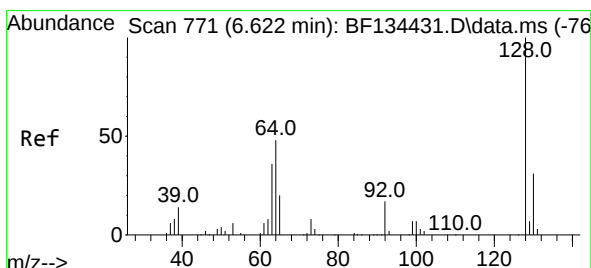
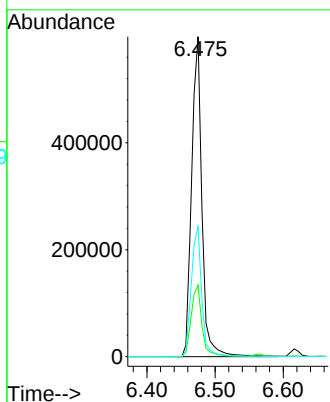
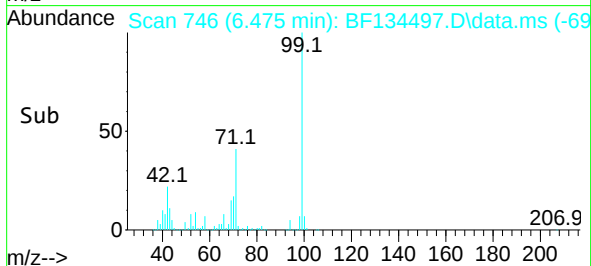
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Tgt Ion: 99 Resp: 623358
Ion Ratio Lower Upper
99 100
42 22.4 18.7 28.1
71 40.6 36.4 54.6

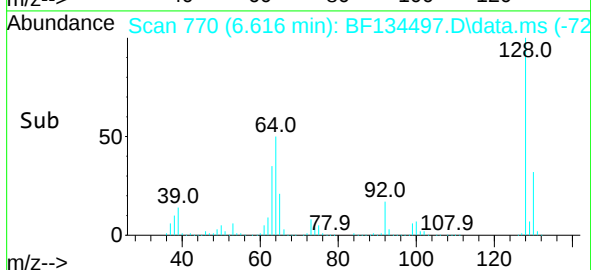
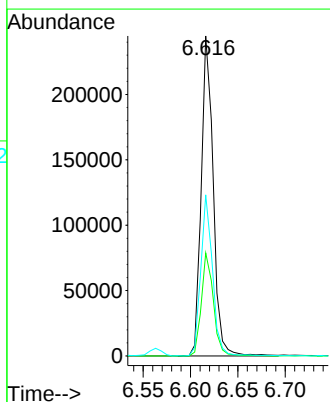
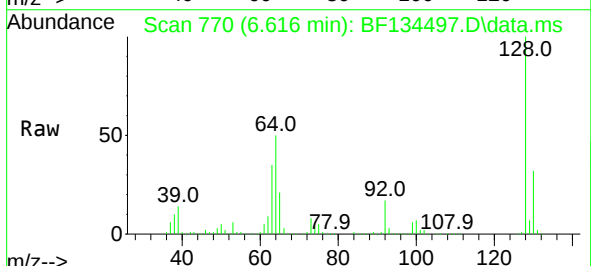
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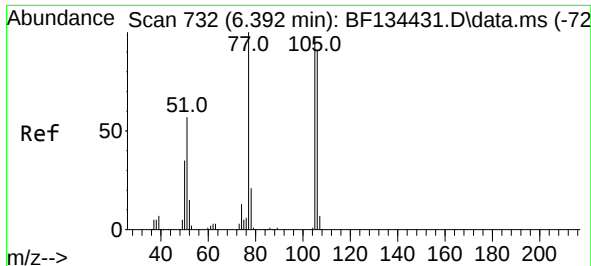
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#8
2-Chlorophenol
Concen: 39.482 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

Tgt Ion:128 Resp: 216414
Ion Ratio Lower Upper
128 100
130 32.2 11.1 51.1
64 50.3 31.9 71.9





#9

Benzaldehyde

Concen: 25.133 ng

RT: 6.387 min Scan# 71

Delta R.T. -0.005 min

Lab File: BF134497.D

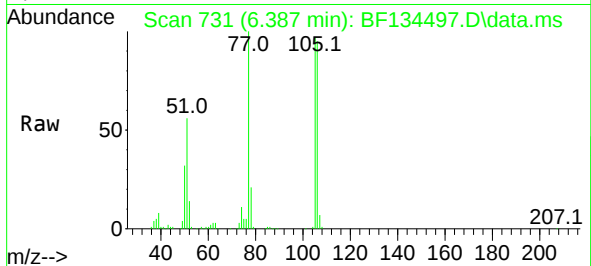
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Instrument :

BNA_F

ClientSampleId :

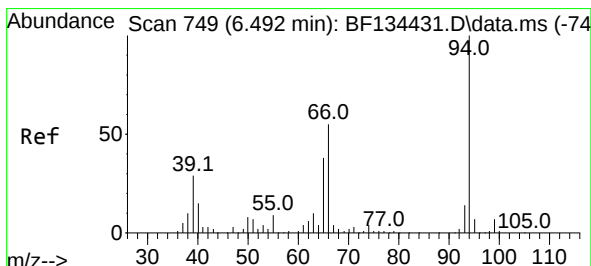
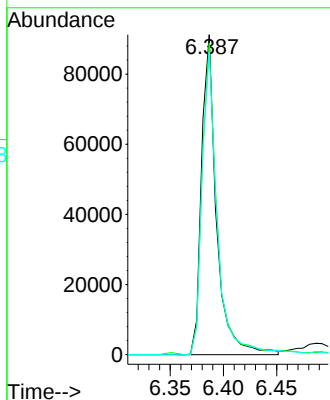
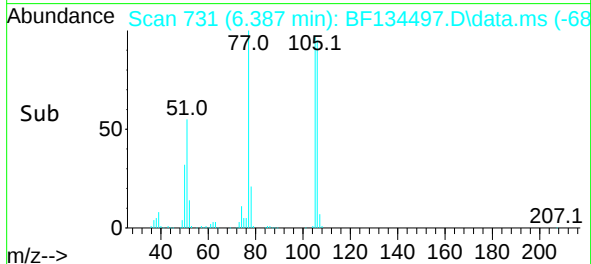
TP-1MSD



Tgt Ion: 77	Resp: 8922
Ion Ratio	Lower Upper
77	100
105	97.3 77.1 117.1
106	94.5 71.4 111.4

Manual Integrations
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Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#10

Phenol

Concen: 33.618 ng

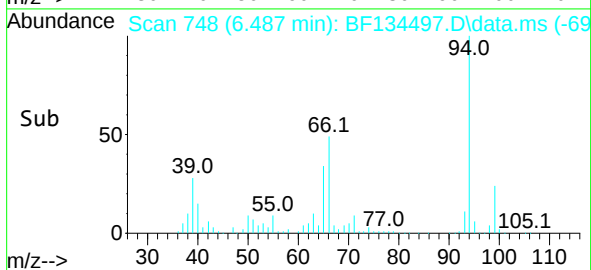
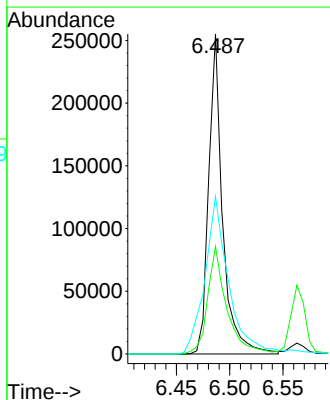
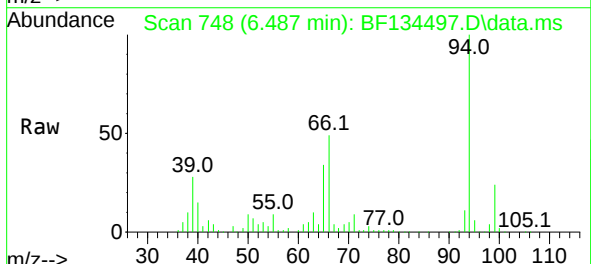
RT: 6.487 min Scan# 748

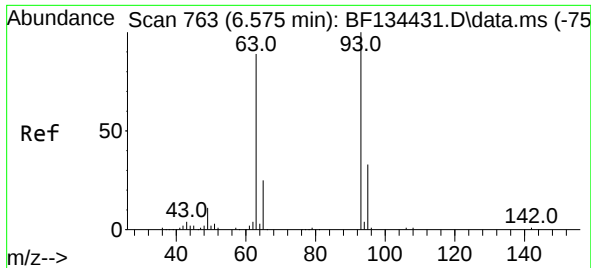
Delta R.T. -0.006 min

Lab File: BF134497.D

Acq: 26 Jul 2023 23:27

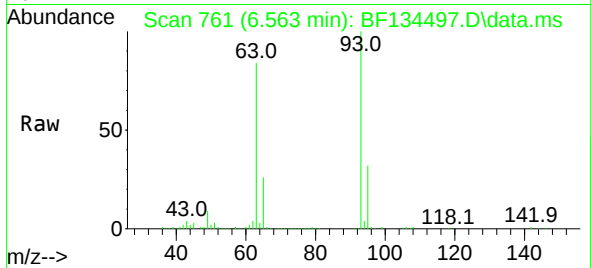
Tgt Ion: 94	Resp: 231873
Ion Ratio	Lower Upper
94	100
65	33.6 17.8 57.8
66	49.2 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 41.190 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

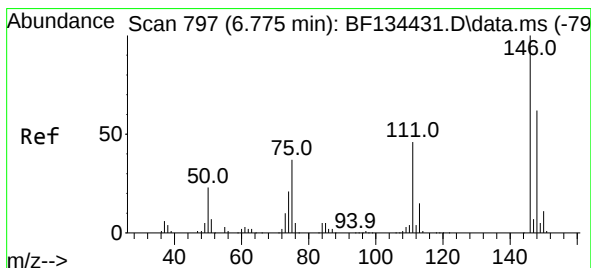
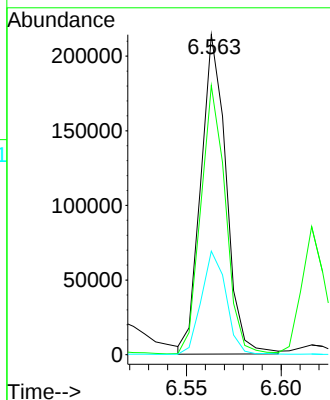
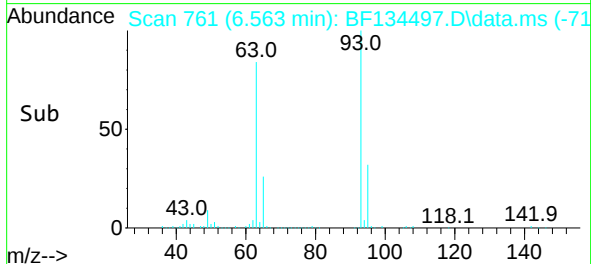
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



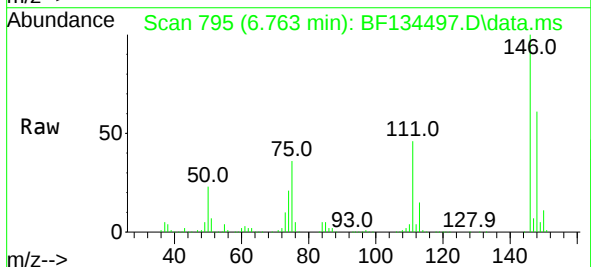
Tgt Ion: 93 Resp: 198325
Ion Ratio Lower Upper
93 100
63 84.1 68.4 108.4
95 32.3 12.4 52.4

Manual Integrations
APPROVED

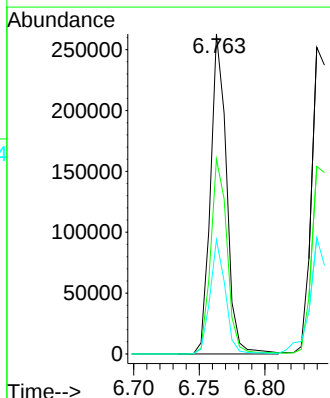
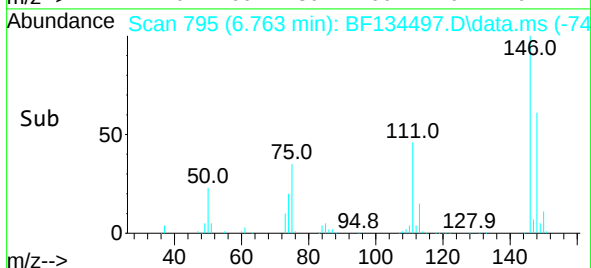
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

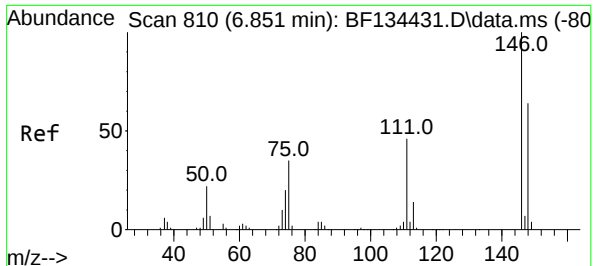


#12
1,3-Dichlorobenzene
Concen: 37.973 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27



Tgt Ion:146 Resp: 223822
Ion Ratio Lower Upper
146 100
148 61.0 49.7 74.5
75 35.7 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 37.707 ng

RT: 6.840 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF134497.D

Acq: 26 Jul 2023 23:27

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:146 Resp: 22872

Ion Ratio Lower Upper

146 100

148 61.1 51.3 76.9

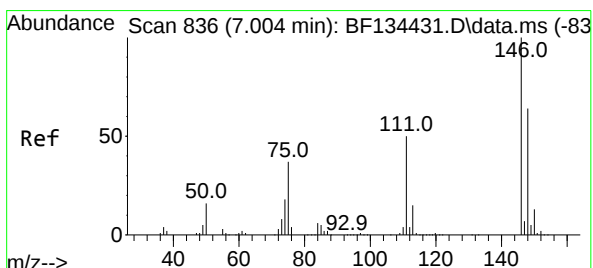
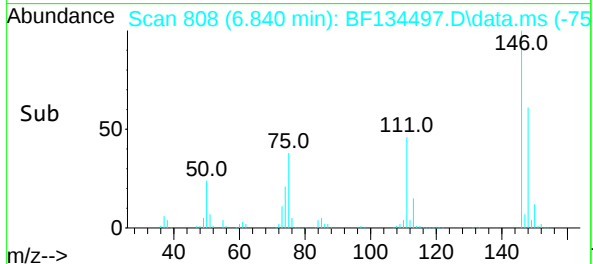
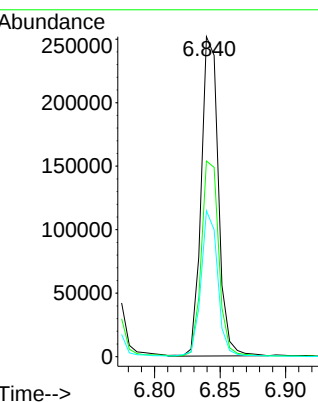
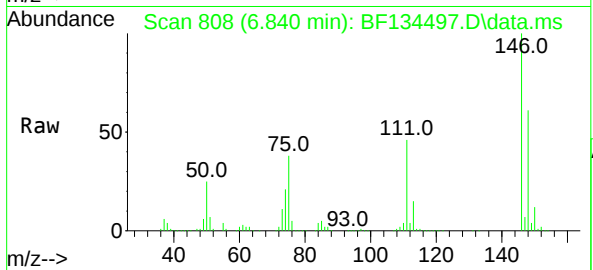
111 45.6 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#14

1,2-Dichlorobenzene

Concen: 38.082 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.012 min

Lab File: BF134497.D

Acq: 26 Jul 2023 23:27

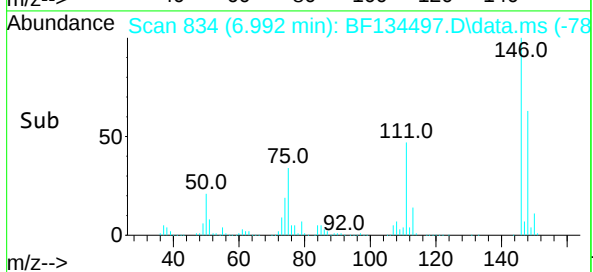
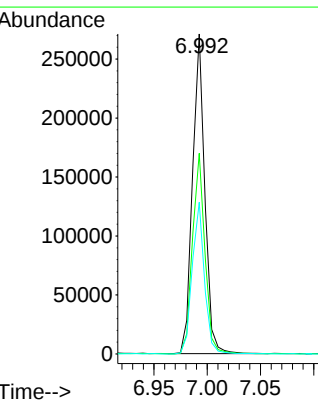
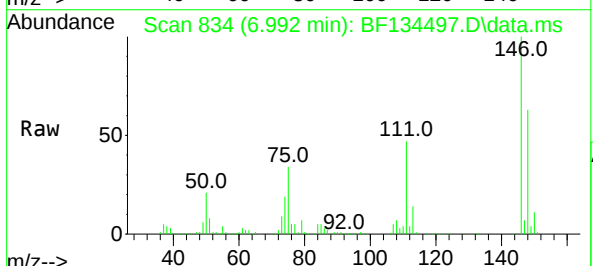
Tgt Ion:146 Resp: 216987

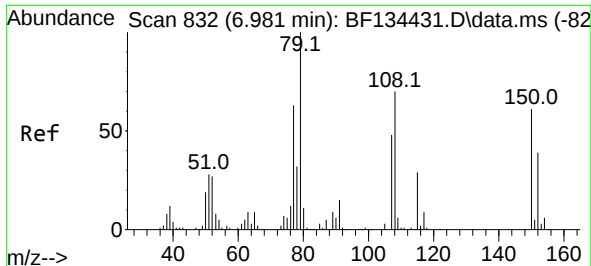
Ion Ratio Lower Upper

146 100

148 62.7 51.2 76.8

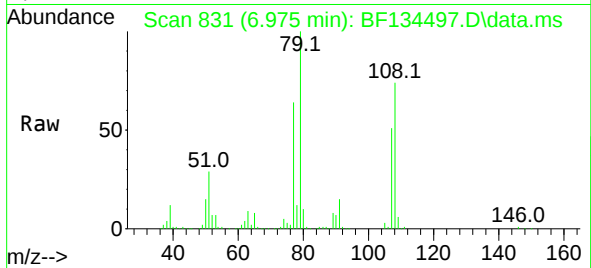
111 47.4 39.9 59.9





#15
Benzyl Alcohol
Concen: 38.720 ng
RT: 6.975 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

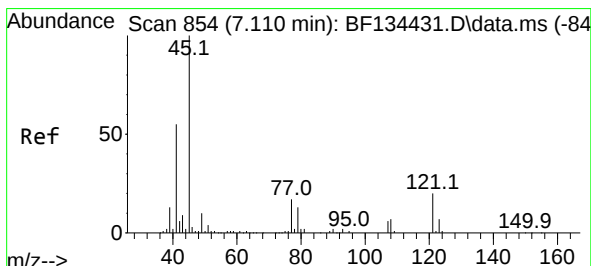
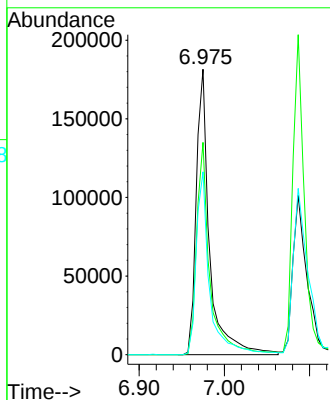
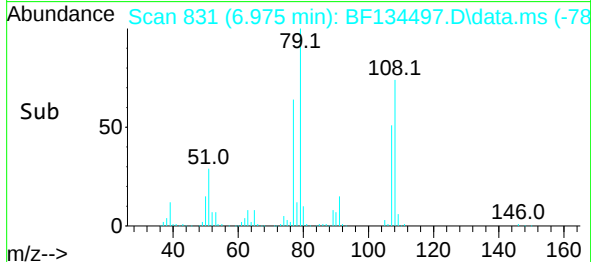
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion: 79 Resp: 198179
Ion Ratio Lower Upper
79 100
108 74.4 56.3 84.5
77 64.0 50.6 76.0

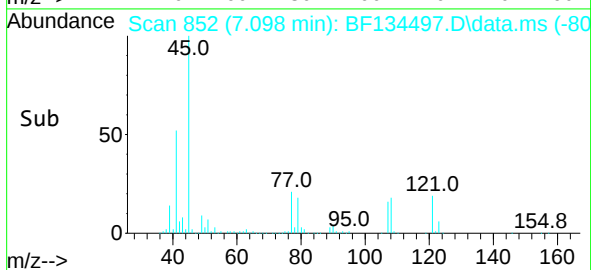
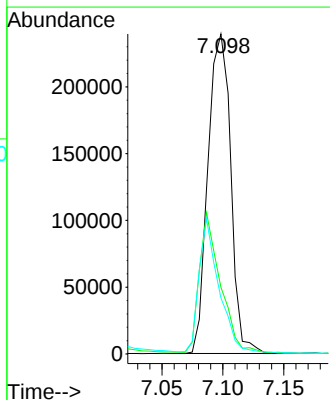
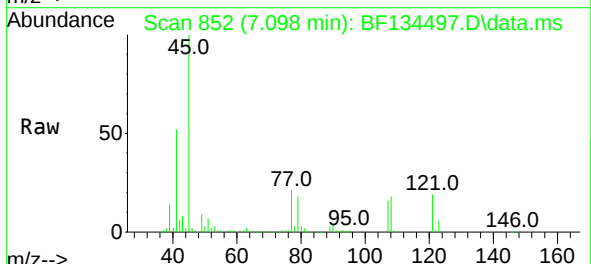
Manual Integrations
APPROVED

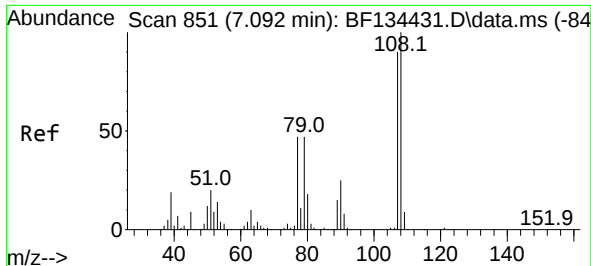
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.874 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

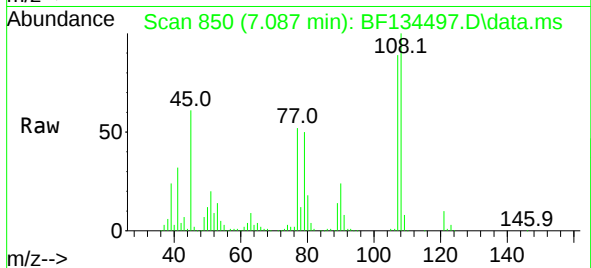
Tgt Ion: 45 Resp: 311096
Ion Ratio Lower Upper
45 100
77 20.9 0.0 37.8
79 17.5 0.0 34.5





#17
2-Methylphenol
Concen: 34.786 ng
RT: 7.087 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

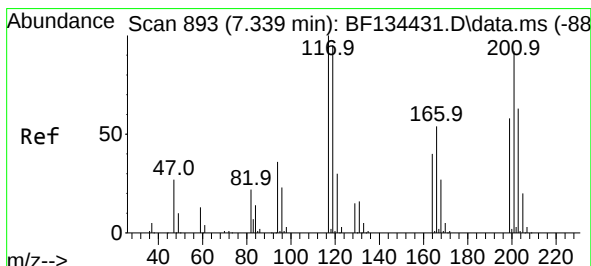
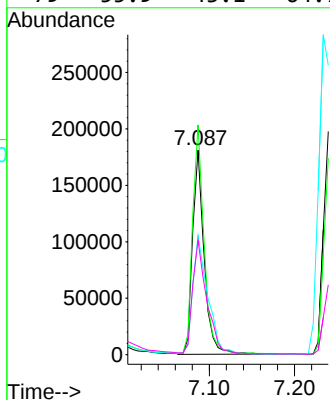
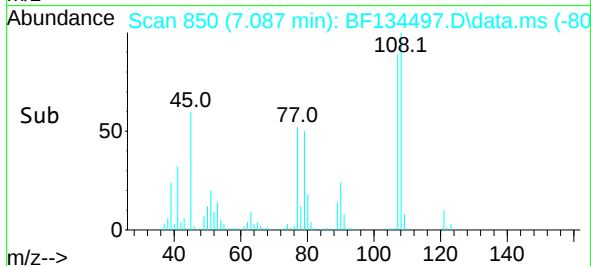
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:107 Resp: 17005
Ion Ratio Lower Upper
107 100
108 112.4 89.4 134.2
77 58.4 42.4 63.6
79 55.9 43.1 64.7

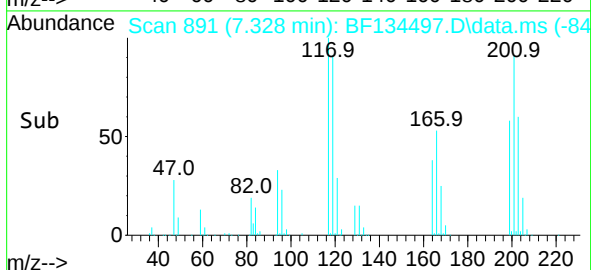
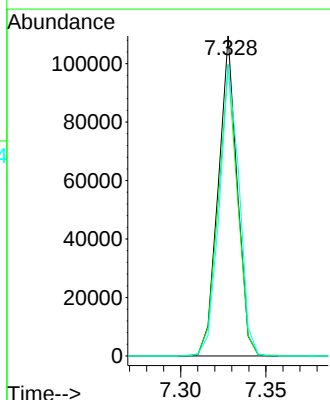
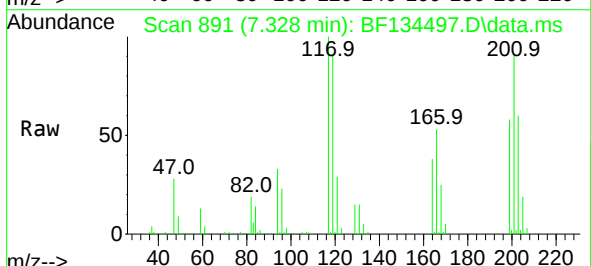
Manual Integrations
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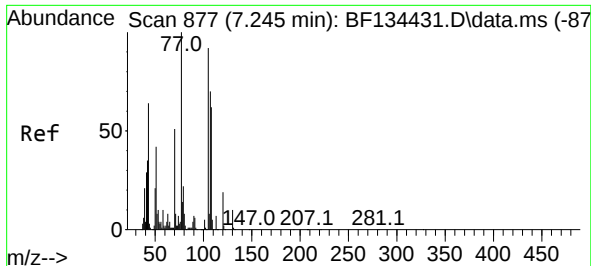
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#18
Hexachloroethane
Concen: 36.142 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

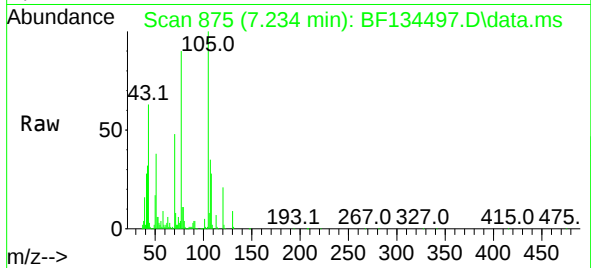
Tgt Ion:117 Resp: 84225
Ion Ratio Lower Upper
117 100
119 91.1 75.8 113.8
201 90.9 73.6 110.4





#19
n-Nitroso-di-n-propylamine
Concen: 39.387 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.011 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

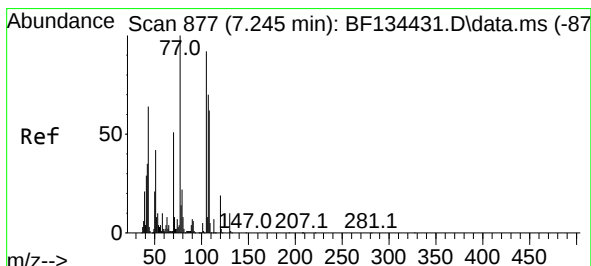
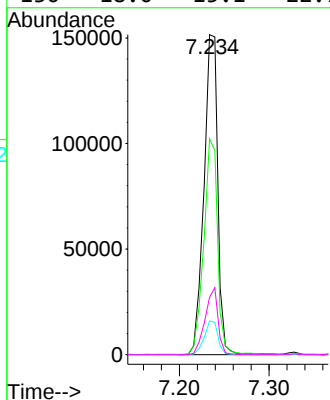
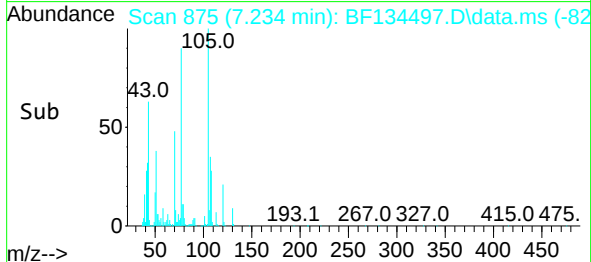
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion: 70 Resp: 162538
Ion Ratio Lower Upper
70 100
42 67.5 54.7 82.1
101 10.6 8.2 12.2
130 18.0 15.1 22.7

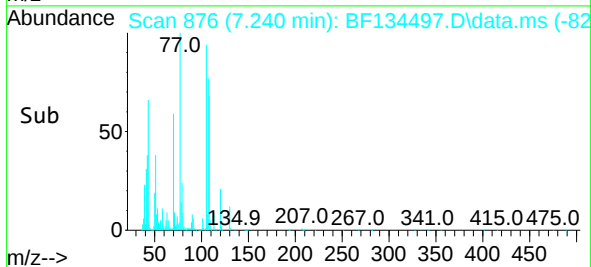
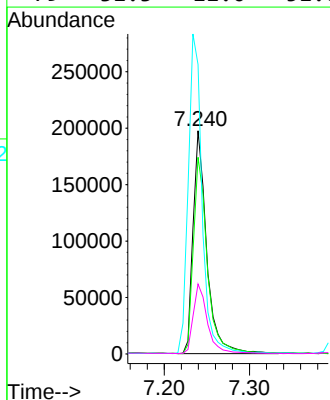
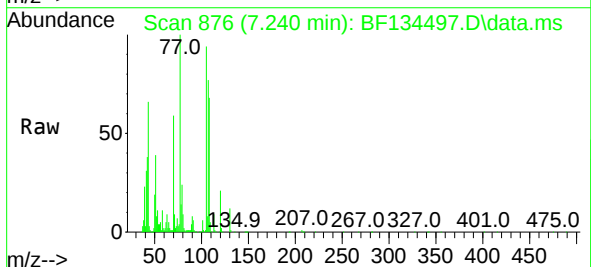
Manual Integrations
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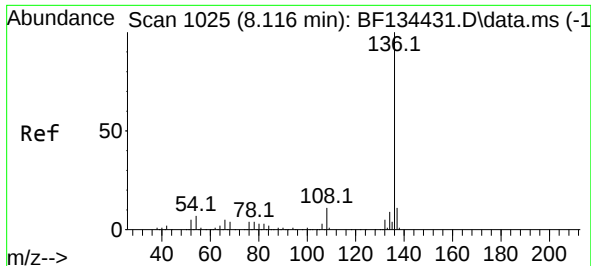
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#20
3+4-Methylphenols
Concen: 35.142 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.005 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

Tgt Ion:107 Resp: 219950
Ion Ratio Lower Upper
107 100
108 88.1 68.1 108.1
77 129.7 122.1 162.1
79 31.3 11.0 51.0





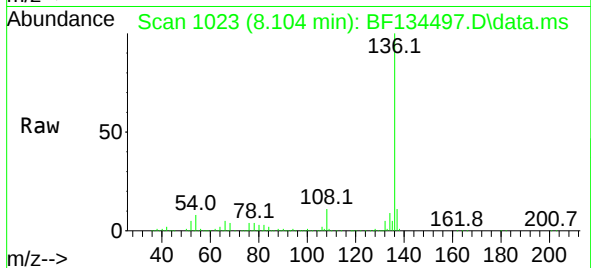
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

Instrument :

BNA_F

ClientSampleId :

TP-1MSD



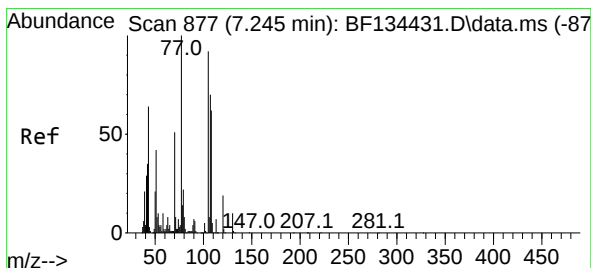
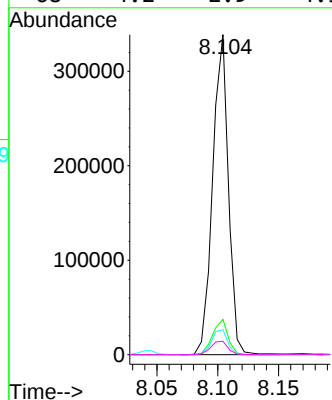
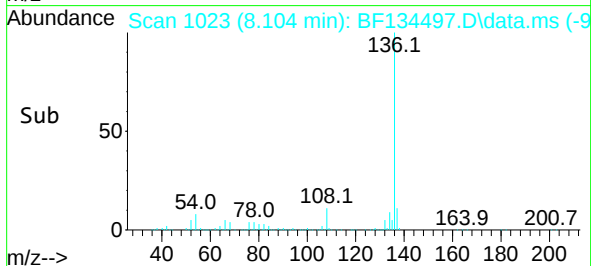
Tgt Ion:136 Resp: 304269
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.8 5.2 7.8
68 4.2 2.9 4.3

Manual Integrations

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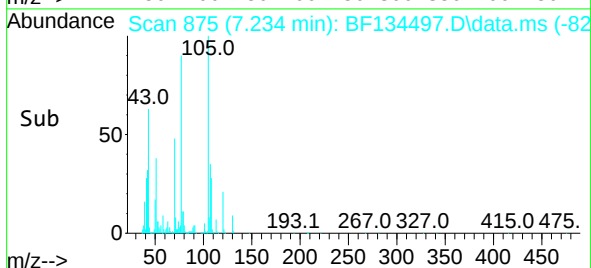
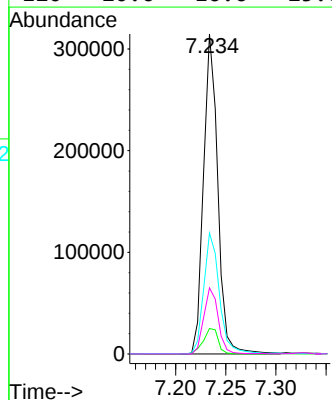
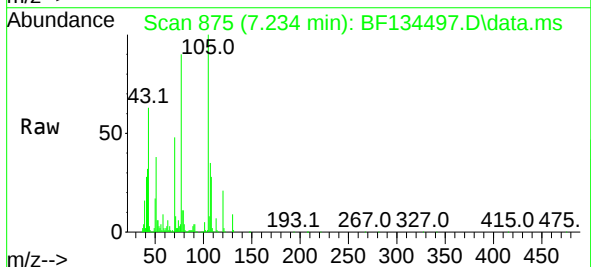
Reviewed By :Yogesh Patel 07/27/2023

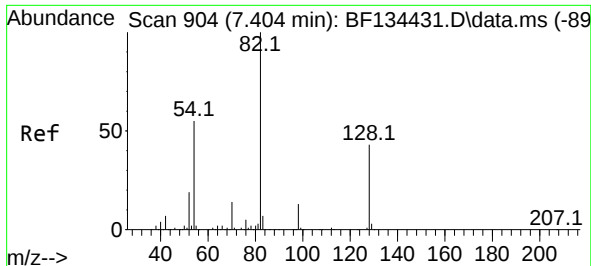
Supervised By :mohammad ahmed 07/27/2023



#22
Acetophenone
Concen: 41.361 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

Tgt Ion:105 Resp: 312989
Ion Ratio Lower Upper
105 100
71 8.0 7.4 11.0
51 37.8 36.4 54.6
120 20.6 16.6 25.0





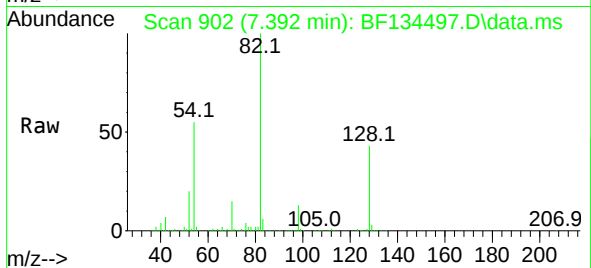
#23
Nitrobenzene-d5
Concen: 79.273 ng
RT: 7.392 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

Instrument :

BNA_F

ClientSampleId :

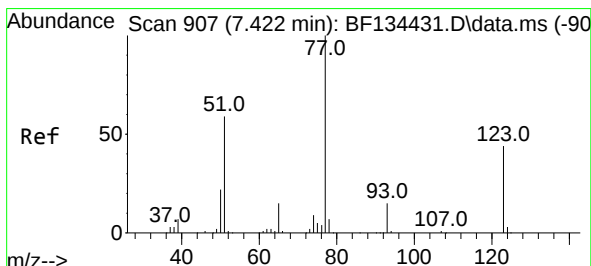
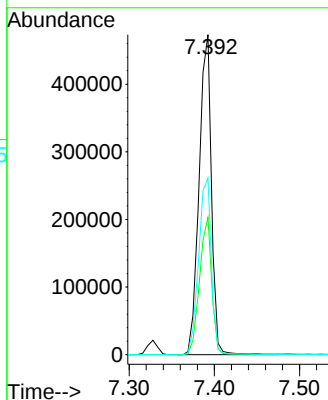
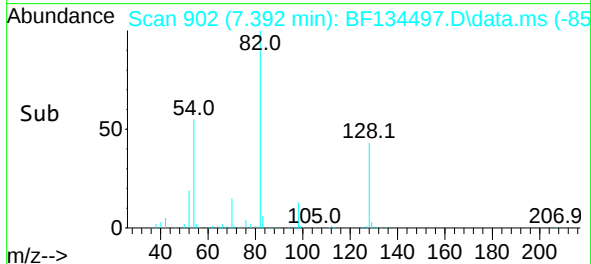
TP-1MSD



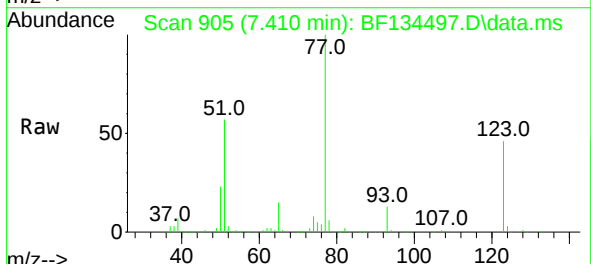
Tgt Ion: 82 Resp: 47673
Ion Ratio Lower Upper
82 100
128 42.9 34.3 51.5
54 55.2 43.8 65.6

Manual Integrations
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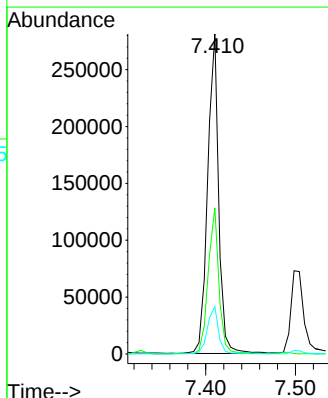
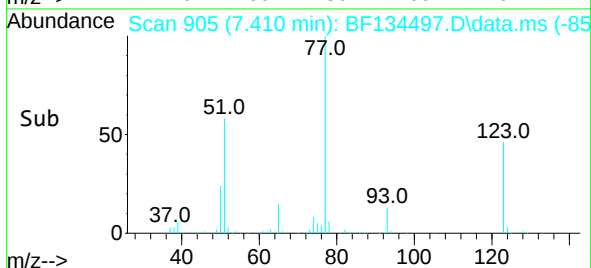
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

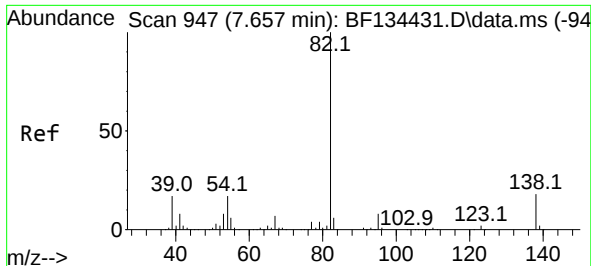


#24
Nitrobenzene
Concen: 40.036 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27



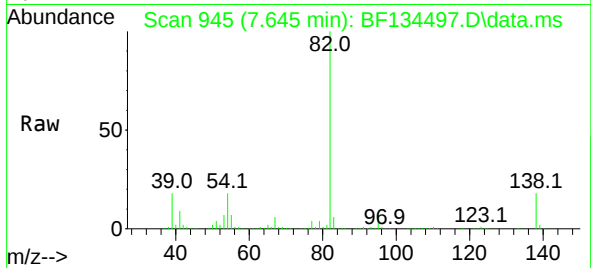
Tgt Ion: 77 Resp: 239450
Ion Ratio Lower Upper
77 100
123 45.6 35.5 53.3
65 14.8 11.9 17.9





#25
Isophorone
Concen: 40.479 ng
RT: 7.645 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

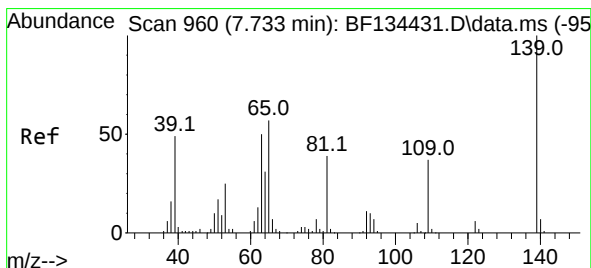
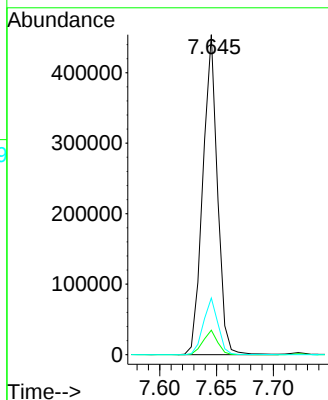
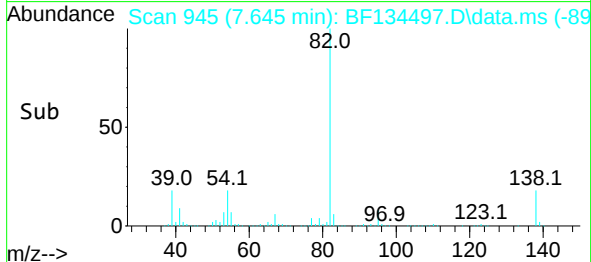
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion: 82 Resp: 405710
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 17.7 14.6 22.0

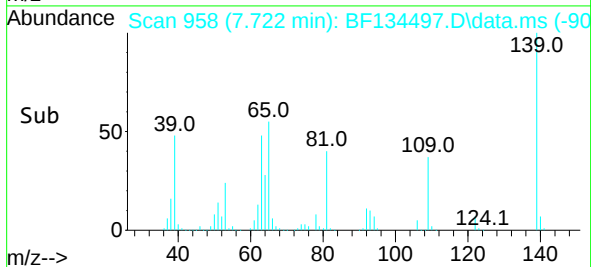
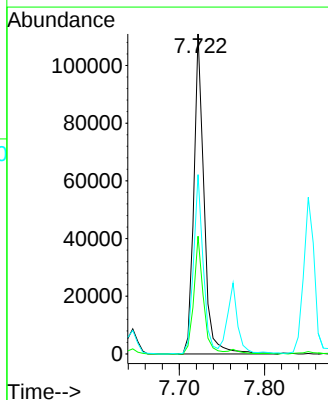
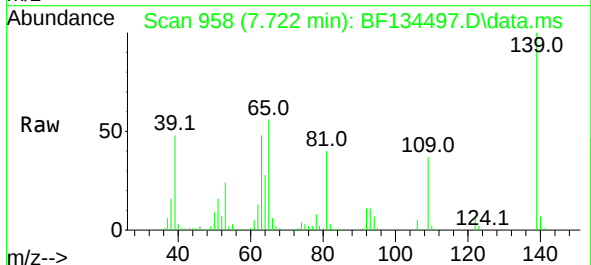
Manual Integrations
APPROVED

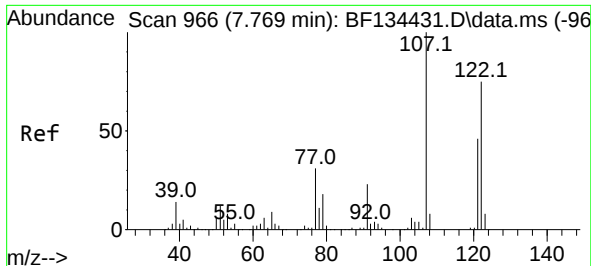
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#26
2-Nitrophenol
Concen: 33.600 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

Tgt Ion:139 Resp: 92427
Ion Ratio Lower Upper
139 100
109 36.8 29.8 44.6
65 56.1 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 38.067 ng

RT: 7.763 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF134497.D

Acq: 26 Jul 2023 23:27

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

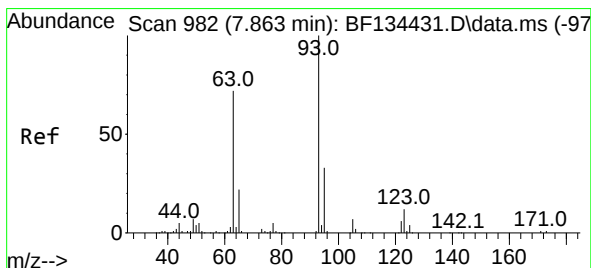
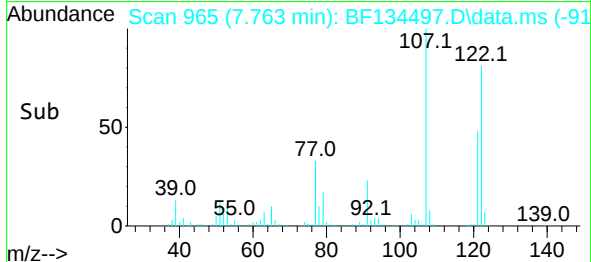
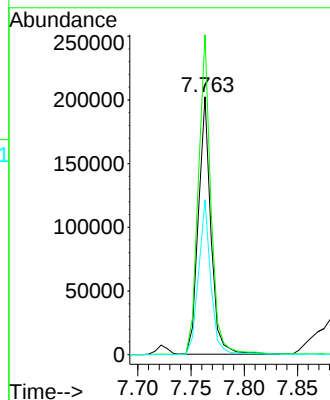
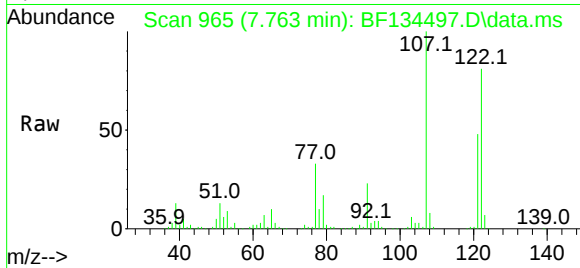
Tgt Ion:122 Resp: 165254
 Ion Ratio Lower Upper
 122 100
 107 124.1 106.7 160.1
 121 60.0 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.815 ng

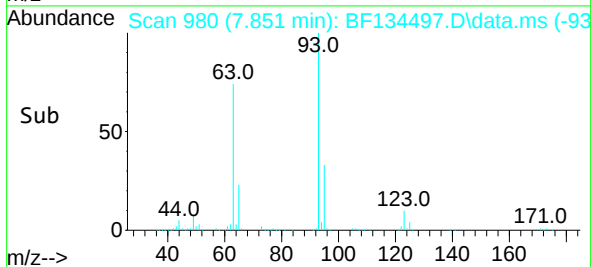
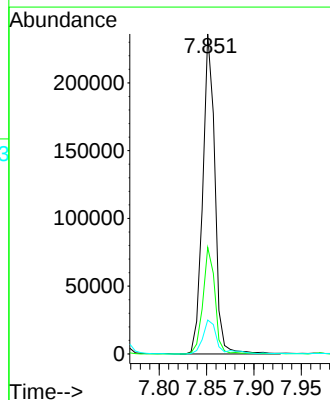
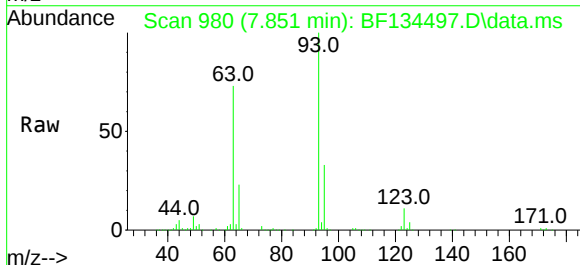
RT: 7.851 min Scan# 980

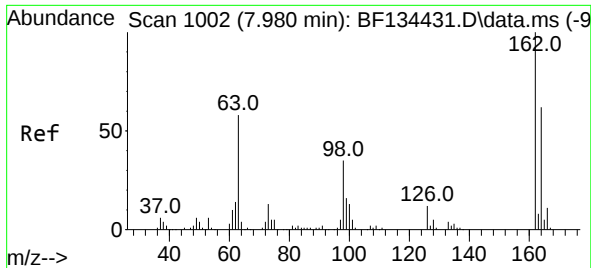
Delta R.T. -0.012 min

Lab File: BF134497.D

Acq: 26 Jul 2023 23:27

Tgt Ion: 93 Resp: 210961
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.5 39.7
 123 10.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 41.991 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.012 min

Lab File: BF134497.D

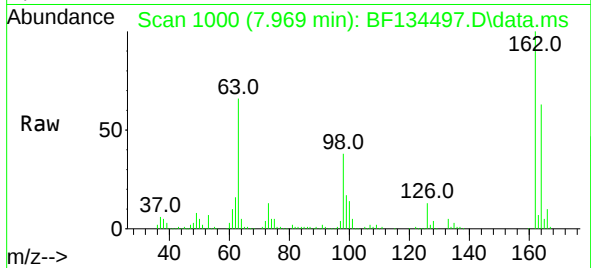
Acq: 26 Jul 2023 23:27

Instrument :

BNA_F

ClientSampleId :

TP-1MSD



Tgt Ion:162 Resp: 182224

Ion Ratio Lower Upper

162 100

164 62.8 42.2 82.2

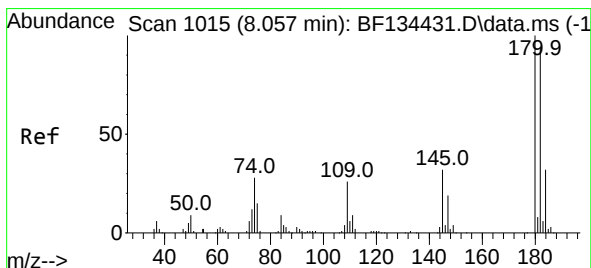
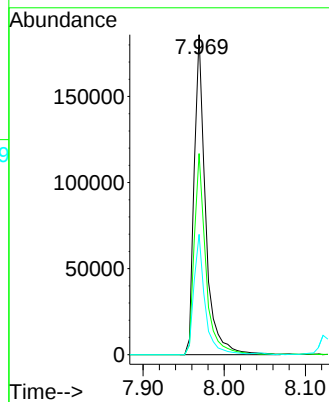
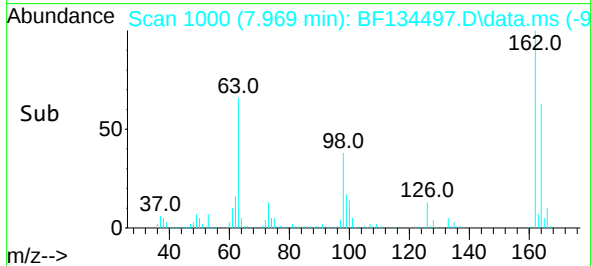
98 37.6 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 37.399 ng

RT: 8.045 min Scan# 1013

Delta R.T. -0.012 min

Lab File: BF134497.D

Acq: 26 Jul 2023 23:27

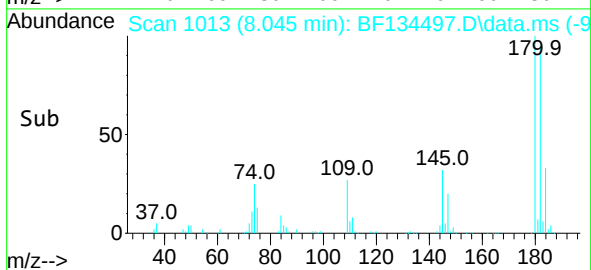
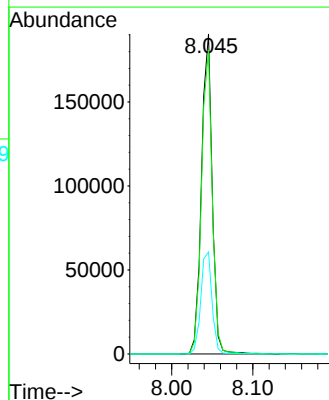
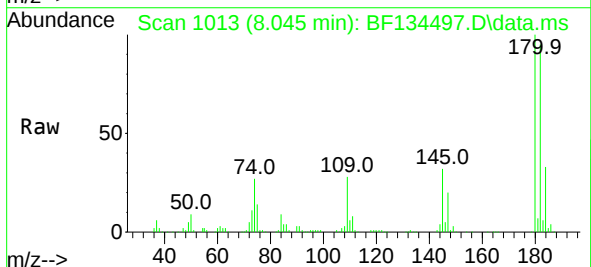
Tgt Ion:180 Resp: 175065

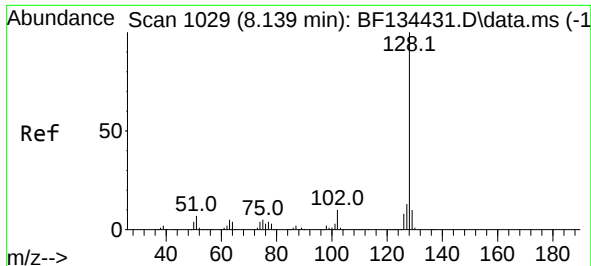
Ion Ratio Lower Upper

180 100

182 94.9 75.0 112.6

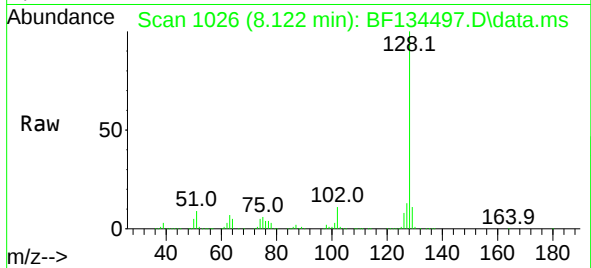
145 31.9 25.5 38.3





#31
Naphthalene
Concen: 38.276 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

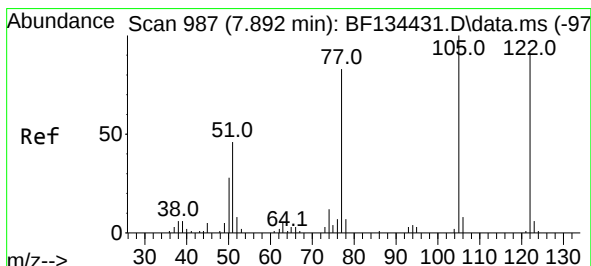
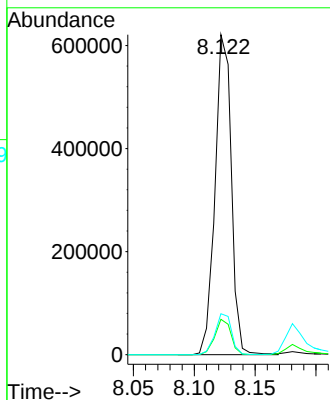
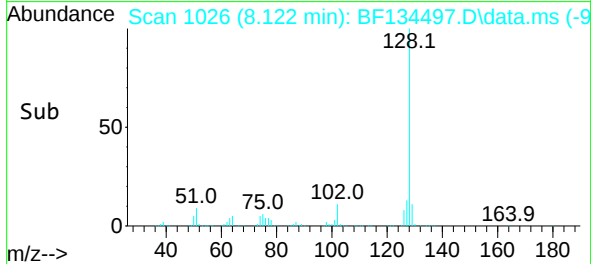
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:128 Resp: 579610
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 12.8 10.7 16.1

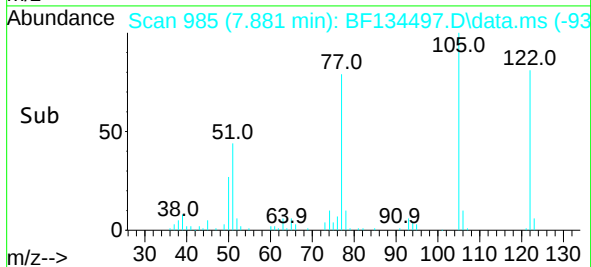
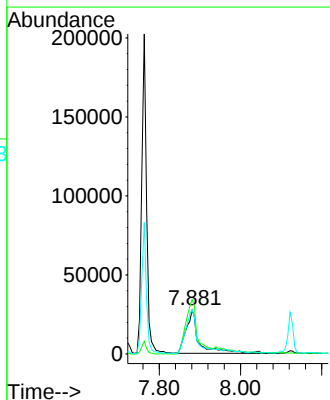
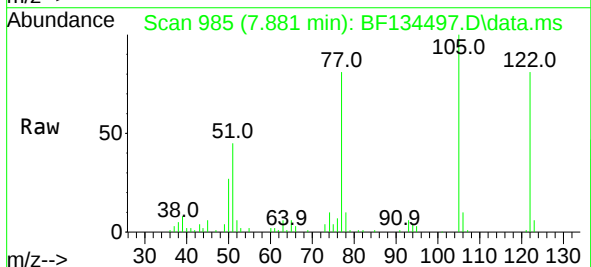
Manual Integrations
APPROVED

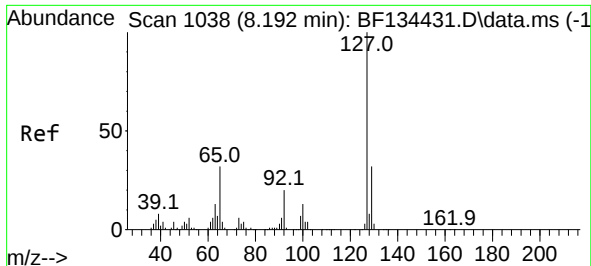
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#32
Benzoic acid
Concen: 20.923 ng m
RT: 7.881 min Scan# 985
Delta R.T. -0.011 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

Tgt Ion:122 Resp: 60669
Ion Ratio Lower Upper
122 100
105 123.7 87.5 127.5
77 100.4 71.4 111.4





#33
4-Chloroaniline
Concen: 11.374 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

Instrument :

BNA_F

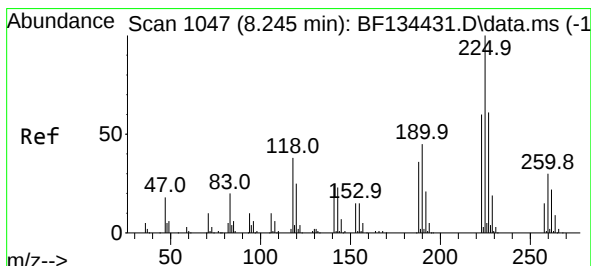
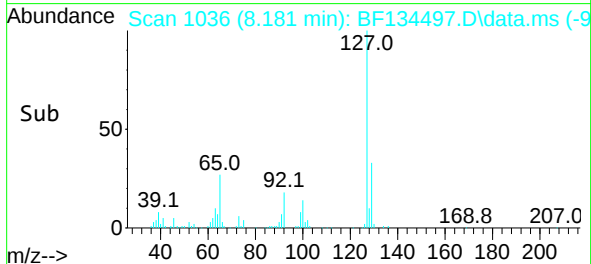
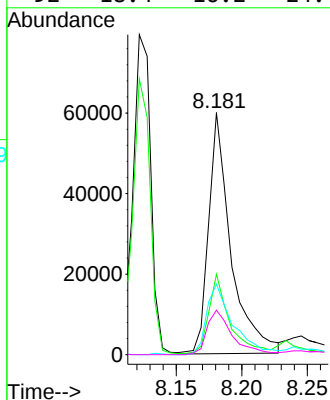
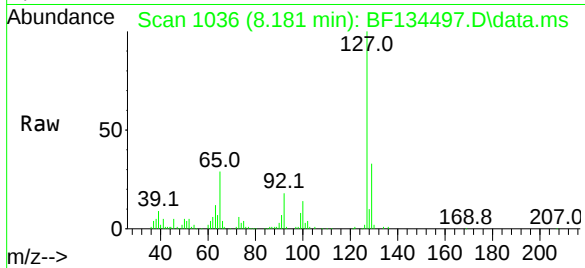
ClientSampleId :

TP-1MSD

Tgt Ion:127 Resp: 71194
Ion Ratio Lower Upper
127 100
129 33.3 25.6 38.4
65 29.2 25.4 38.0
92 18.4 16.2 24.4

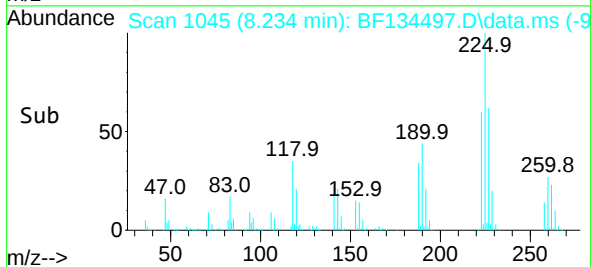
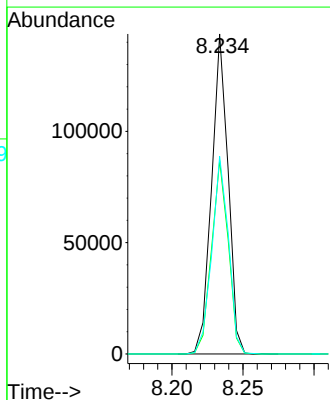
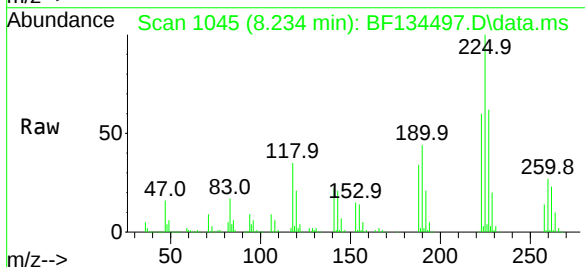
Manual Integrations
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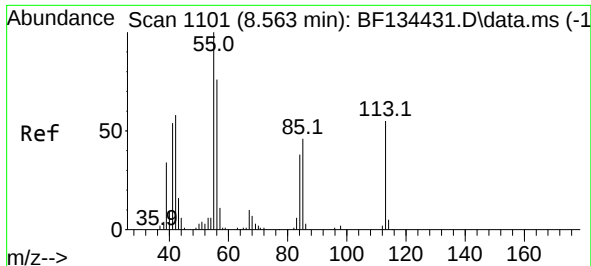
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#34
Hexachlorobutadiene
Concen: 36.741 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

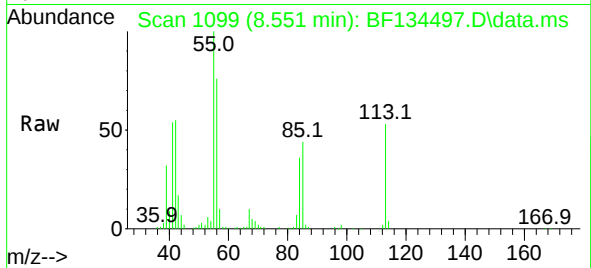
Tgt Ion:225 Resp: 115215
Ion Ratio Lower Upper
225 100
223 60.5 48.2 72.4
227 61.8 48.5 72.7





#35
Caprolactam
Concen: 32.412 ng
RT: 8.551 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

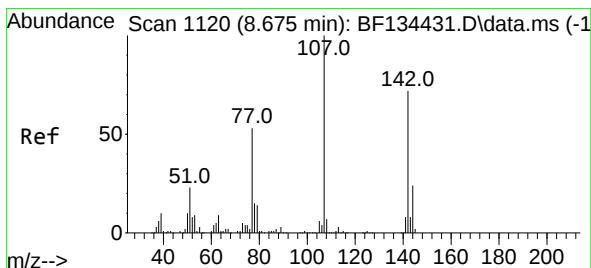
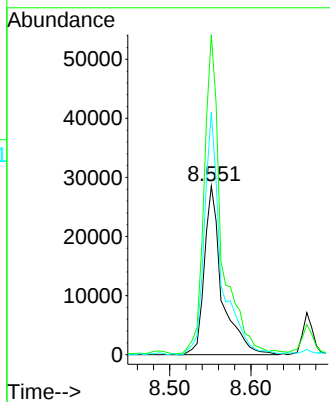
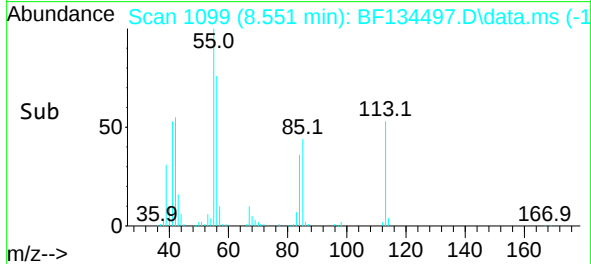
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:113 Resp: 43009
Ion Ratio Lower Upper
113 100
55 189.8 161.5 201.5
56 143.8 117.8 157.8

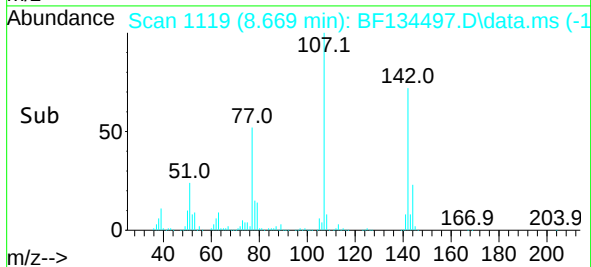
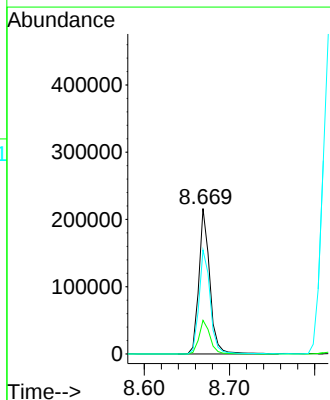
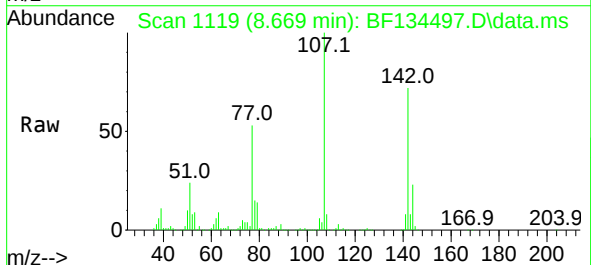
Manual Integrations
APPROVED

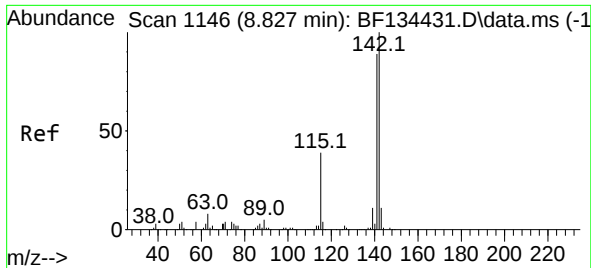
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#36
4-Chloro-3-methylphenol
Concen: 38.479 ng
RT: 8.669 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

Tgt Ion:107 Resp: 192671
Ion Ratio Lower Upper
107 100
144 23.1 19.6 29.4
142 71.5 57.7 86.5





#37
2-Methylnaphthalene
Concen: 38.535 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.011 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

Instrument :

BNA_F

ClientSampleId :

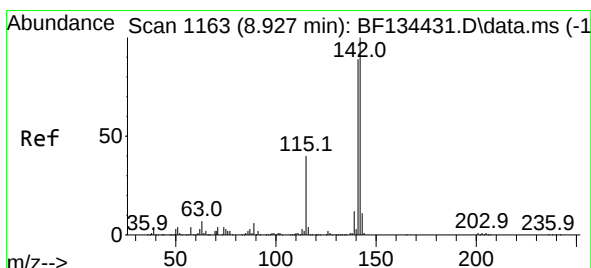
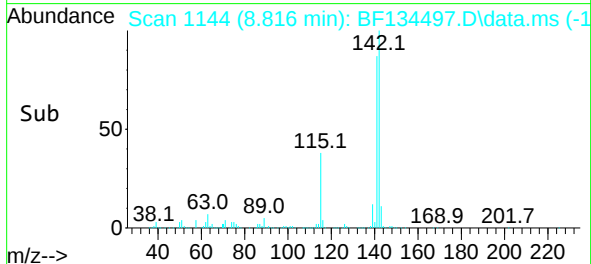
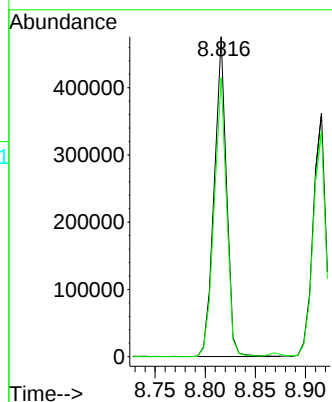
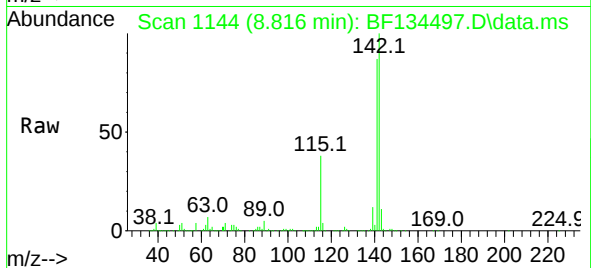
TP-1MSD

Tgt Ion:142 Resp: 405449
Ion Ratio Lower Upper
142 100
141 87.2 70.8 106.2

Manual Integrations

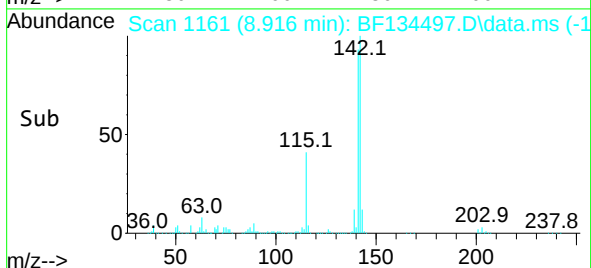
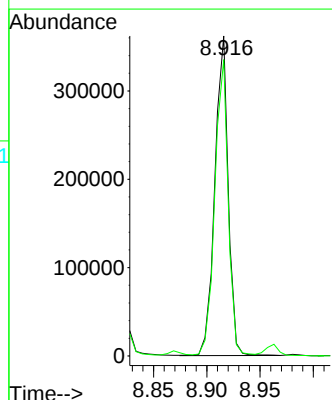
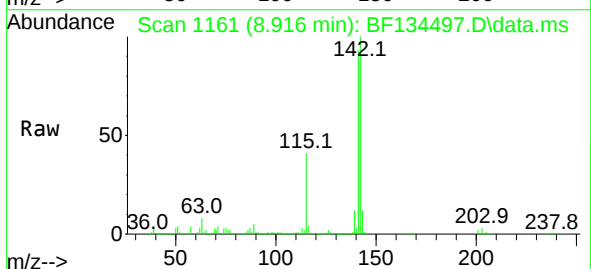
APPROVED

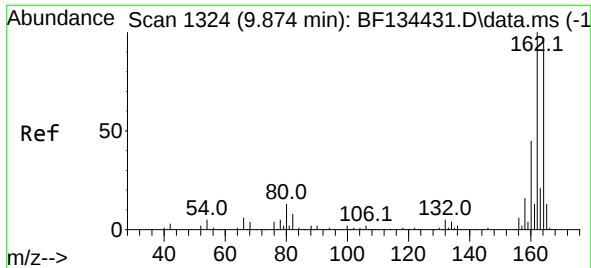
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#38
1-Methylnaphthalene
Concen: 32.463 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.011 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

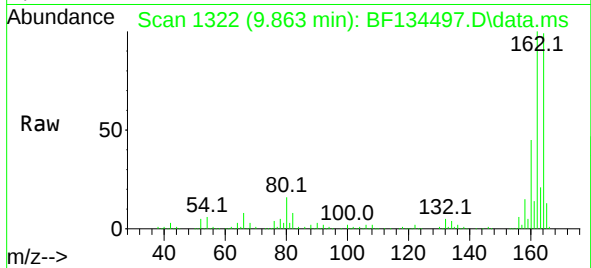
Tgt Ion:142 Resp: 316873
Ion Ratio Lower Upper
142 100
141 92.6 71.4 107.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

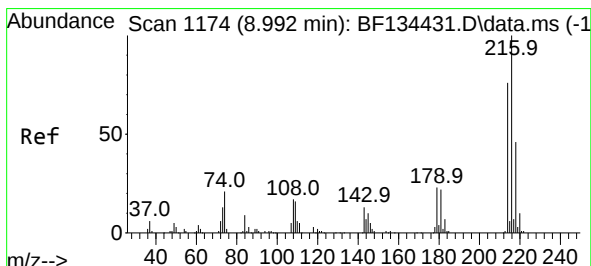
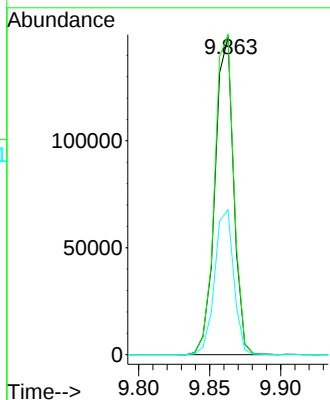
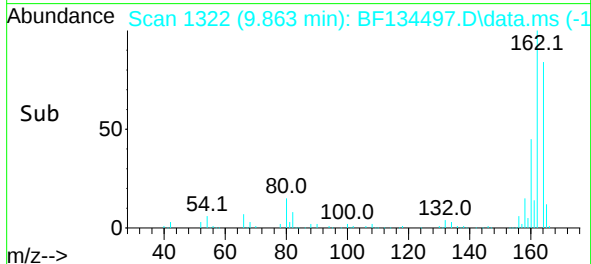
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



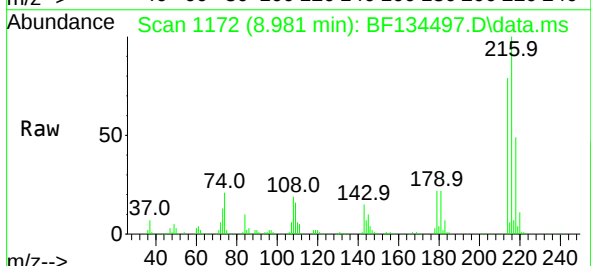
Tgt Ion:164 Resp: 135772
Ion Ratio Lower Upper
164 100
162 100.9 82.6 123.8
160 45.7 37.2 55.8

Manual Integrations
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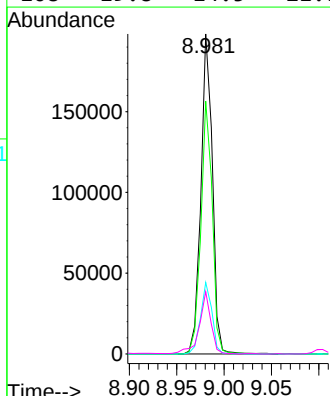
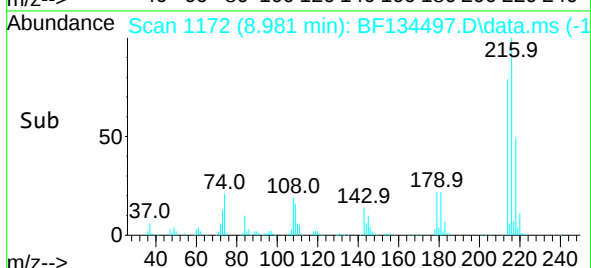
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

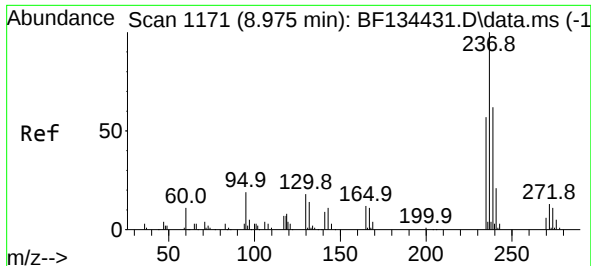


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.942 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27



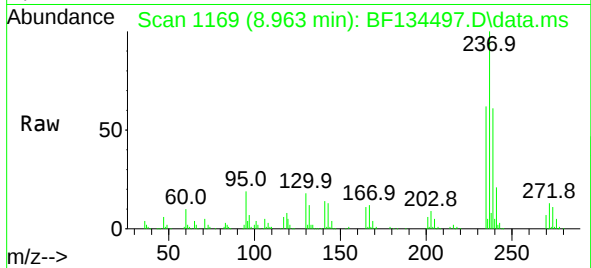
Tgt Ion:216 Resp: 167552
Ion Ratio Lower Upper
216 100
214 78.7 62.3 93.5
179 22.3 17.4 26.0
108 19.8 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 59.186 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

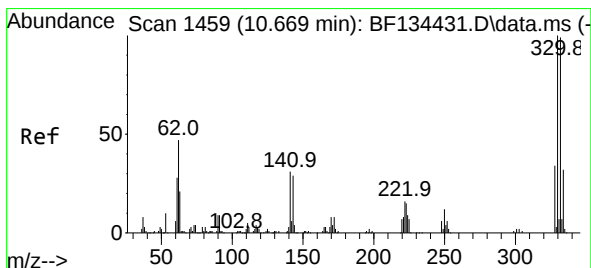
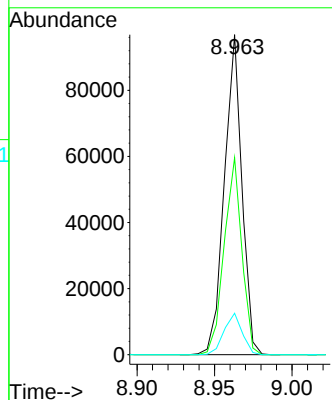
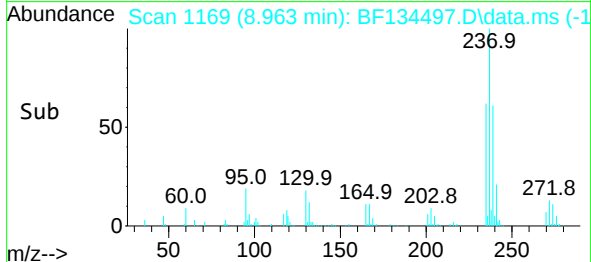
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



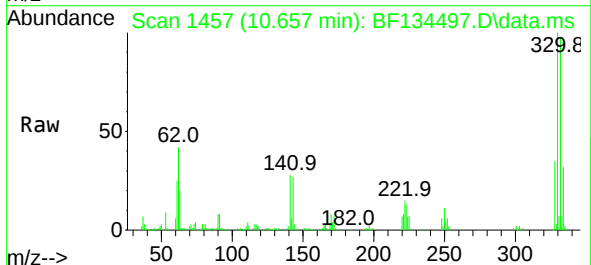
Tgt Ion:237 Resp: 7613
Ion Ratio Lower Upper
237 100
235 61.6 37.0 77.0
272 13.0 0.0 32.7

Manual Integrations
APPROVED

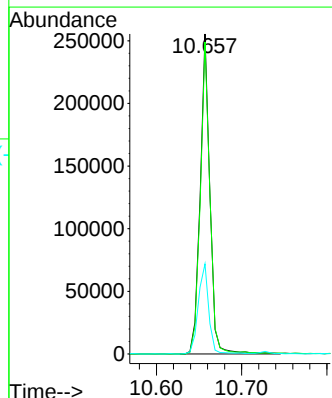
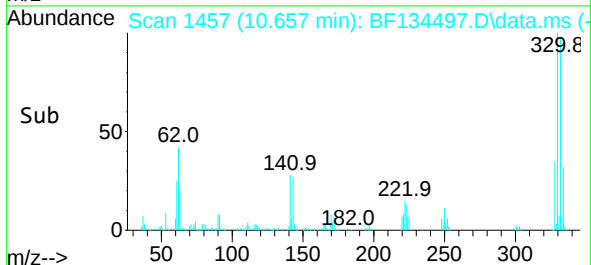
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

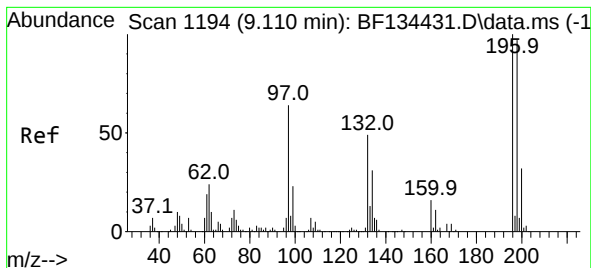


#42
2,4,6-Tribromophenol
Concen: 104.839 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27



Tgt Ion:330 Resp: 202243
Ion Ratio Lower Upper
330 100
332 97.5 78.8 118.2
141 30.4 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 45.901 ng

RT: 9.104 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF134497.D

Acq: 26 Jul 2023 23:27

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:196 Resp: 12669

Ion Ratio Lower Upper

196 100

198 98.8 77.4 116.2

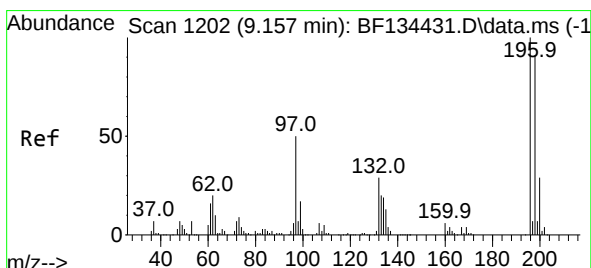
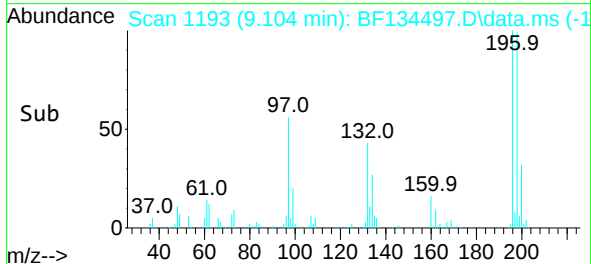
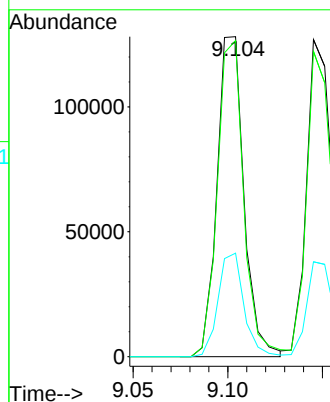
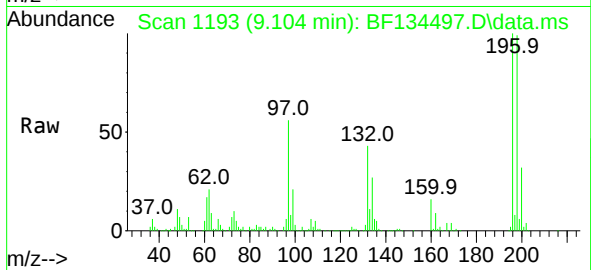
200 32.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#44

2,4,5-Trichlorophenol

Concen: 40.587 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF134497.D

Acq: 26 Jul 2023 23:27

Tgt Ion:196 Resp: 130524

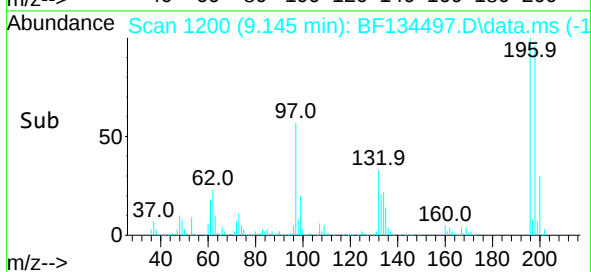
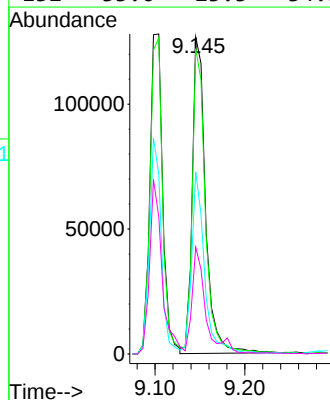
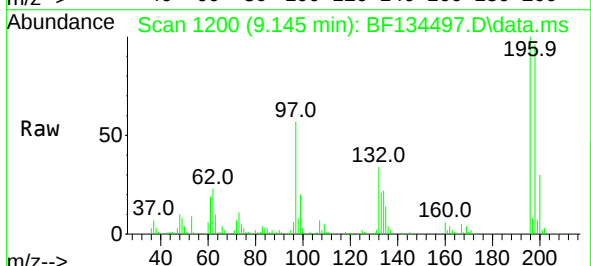
Ion Ratio Lower Upper

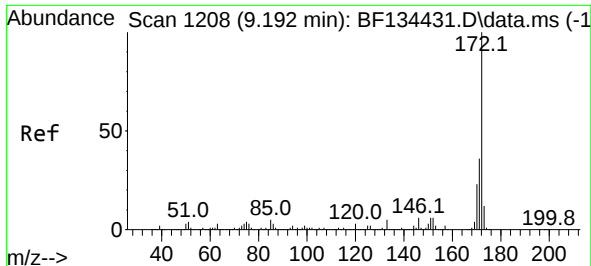
196 100

198 96.3 73.0 109.4

97 57.4 40.8 61.2

132 33.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 88.576 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.012 min

Lab File: BF134497.D

Acq: 26 Jul 2023 23:27

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

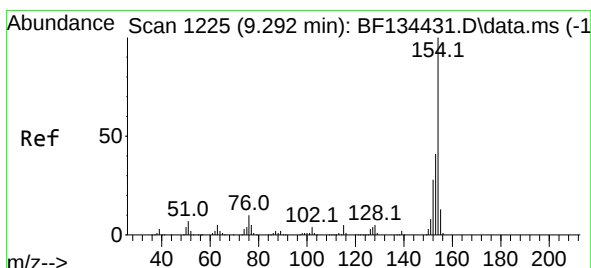
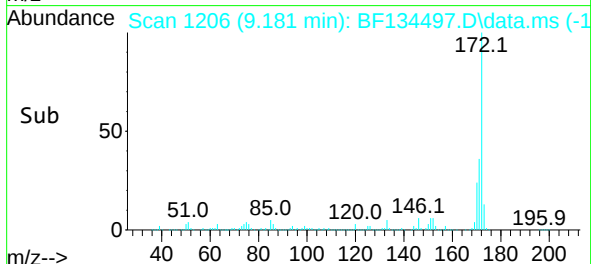
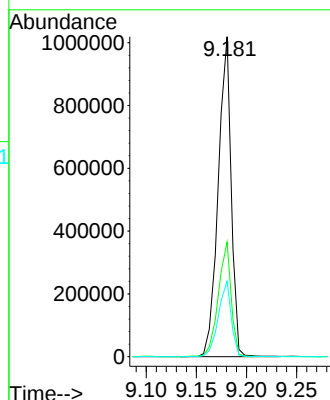
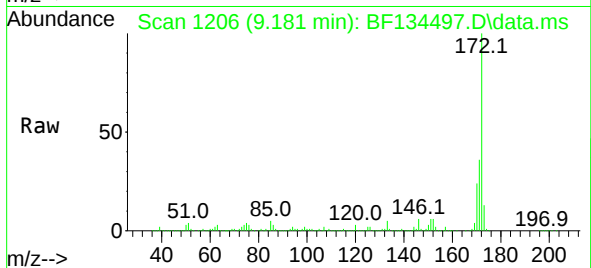
Tgt Ion:172 Resp: 91608
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.8 43.2
 170 23.6 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#46

1,1'-Biphenyl

Concen: 45.385 ng

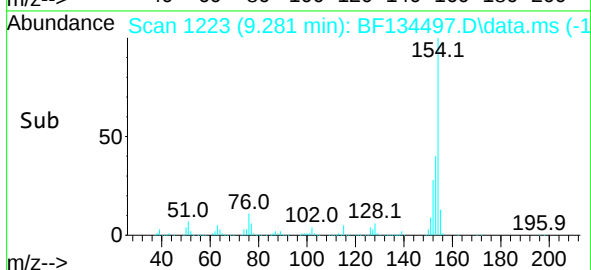
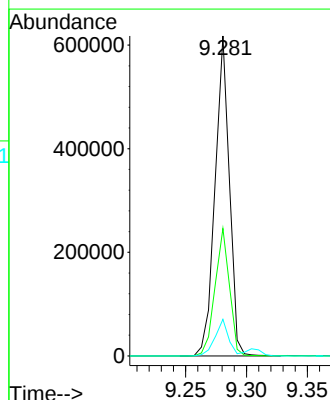
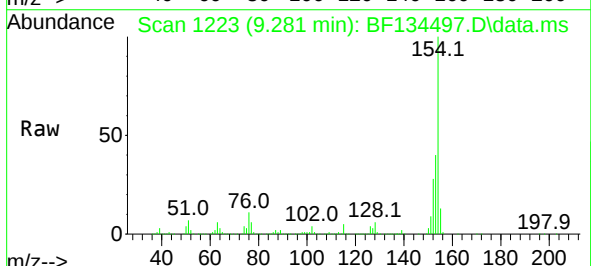
RT: 9.281 min Scan# 1223

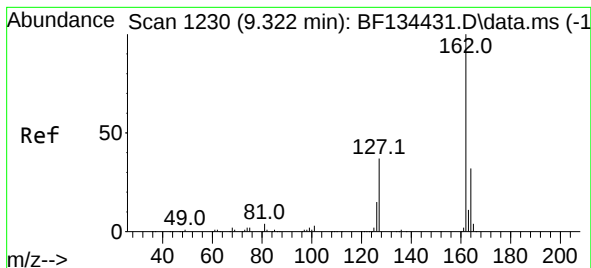
Delta R.T. -0.012 min

Lab File: BF134497.D

Acq: 26 Jul 2023 23:27

Tgt Ion:154 Resp: 507870
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.8 60.8
 76 11.5 0.0 30.2





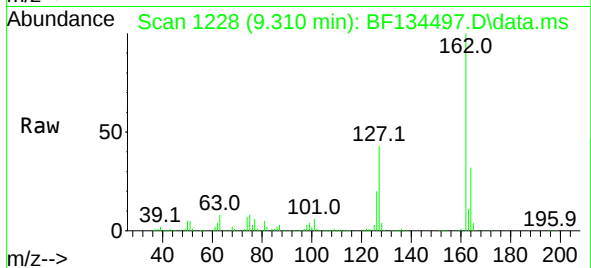
#47
2-Chloronaphthalene
Concen: 40.691 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

Instrument :

BNA_F

ClientSampleId :

TP-1MSD



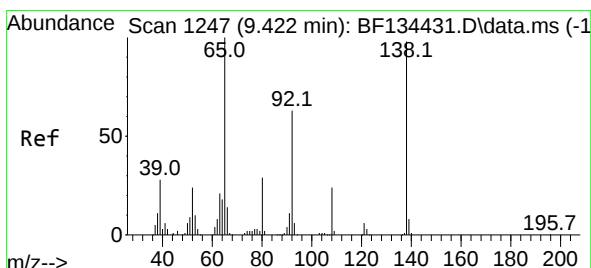
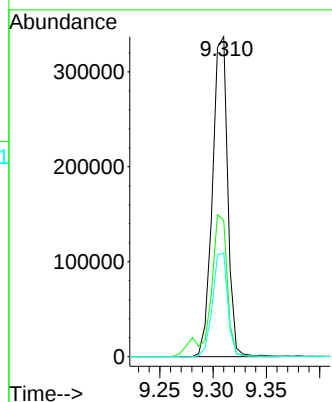
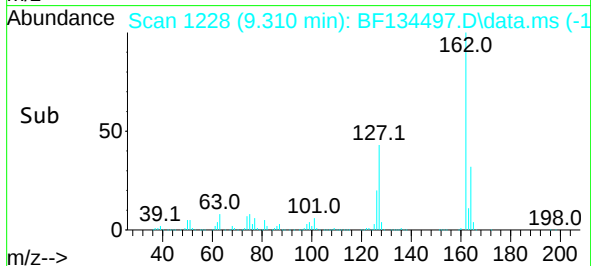
Tgt Ion:162 Resp: 33569
Ion Ratio Lower Upper
162 100
127 42.7 34.0 51.0
164 32.3 25.7 38.5

Manual Integrations

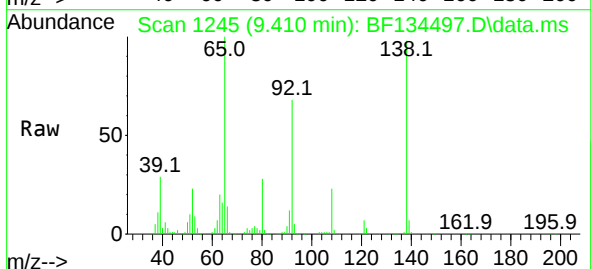
APPROVED

Reviewed By :Yogesh Patel 07/27/2023

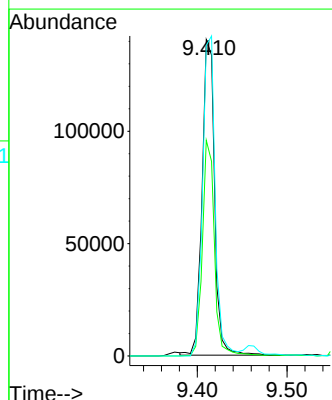
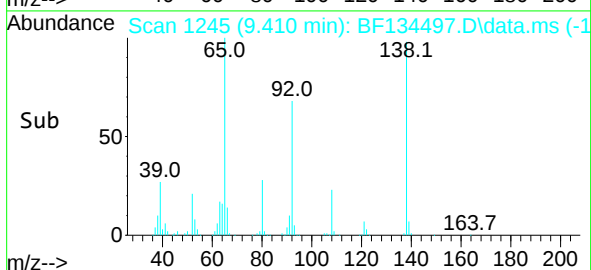
Supervised By :mohammad ahmed 07/27/2023

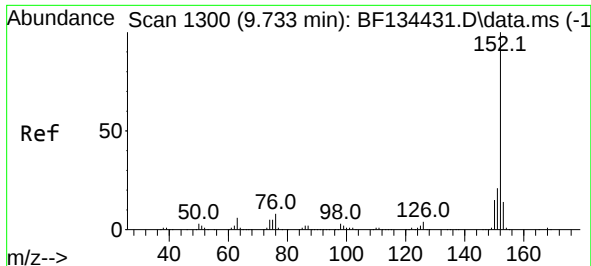


#48
2-Nitroaniline
Concen: 45.744 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27



Tgt Ion: 65 Resp: 135909
Ion Ratio Lower Upper
65 100
92 68.2 50.7 76.1
138 98.2 78.2 117.4





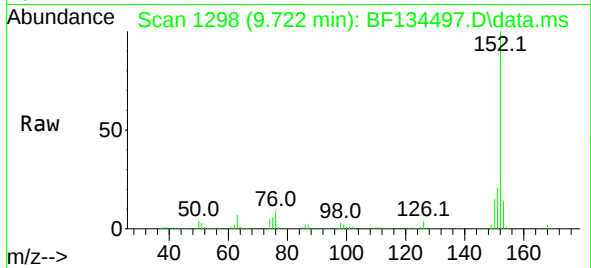
#49
Acenaphthylene
Concen: 44.210 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.011 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

Instrument :

BNA_F

ClientSampleId :

TP-1MSD



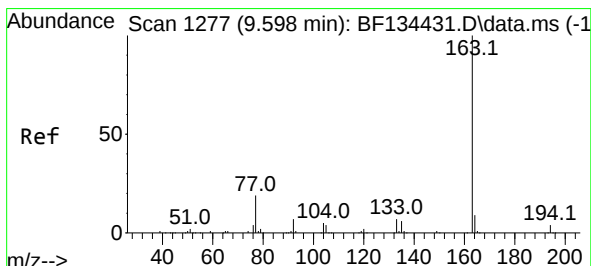
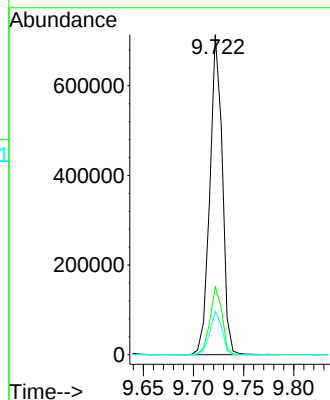
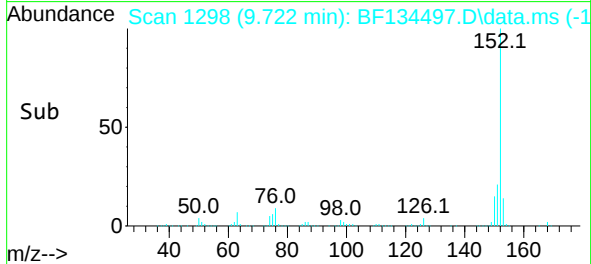
Tgt Ion:152 Resp: 61615
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6
153 13.5 10.9 16.3

Manual Integrations

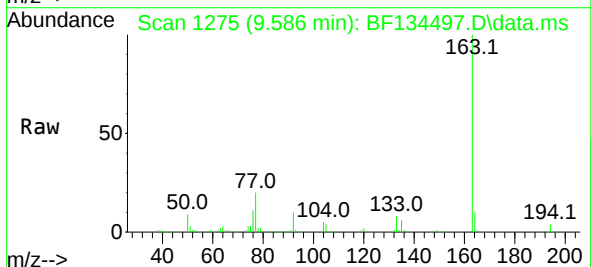
APPROVED

Reviewed By :Yogesh Patel 07/27/2023

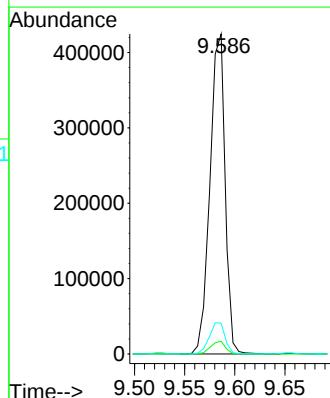
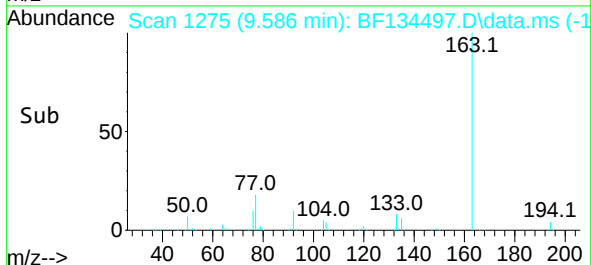
Supervised By :mohammad ahmed 07/27/2023

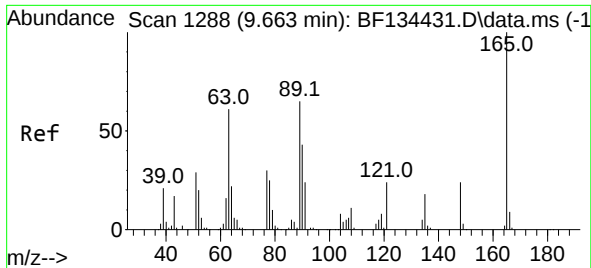


#50
Dimethylphthalate
Concen: 44.537 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27



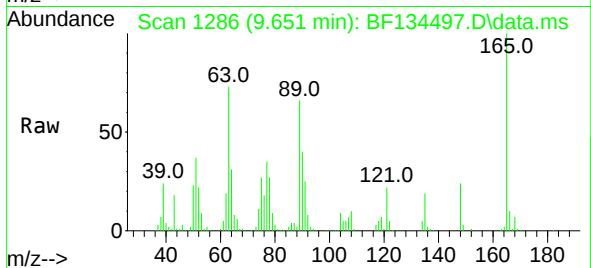
Tgt Ion:163 Resp: 448255
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.6 7.5 11.3





#51
2,6-Dinitrotoluene
Concen: 36.885 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

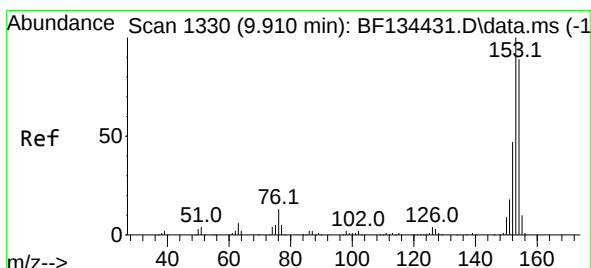
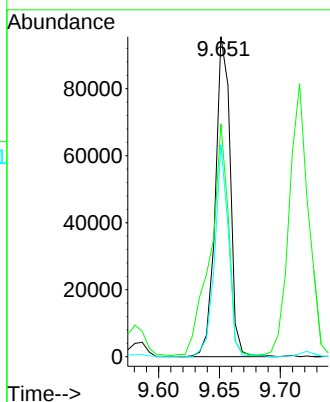
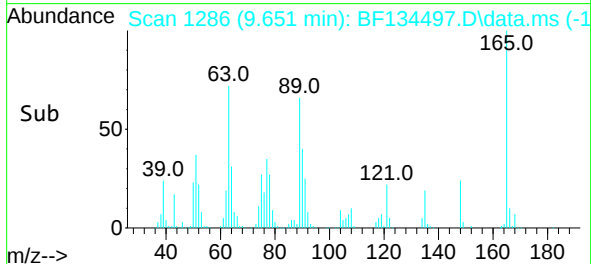
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:165 Resp: 81458
Ion Ratio Lower Upper
165 100
63 72.8 57.8 86.6
89 66.1 51.8 77.8

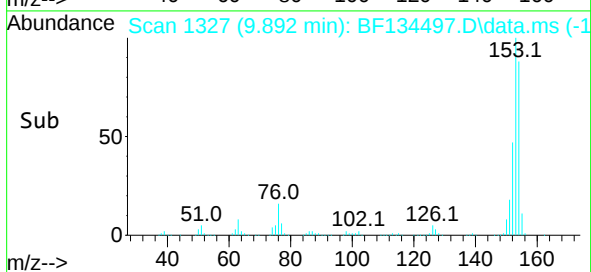
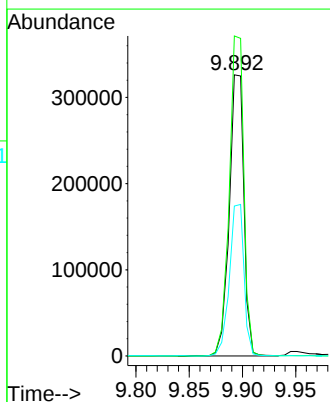
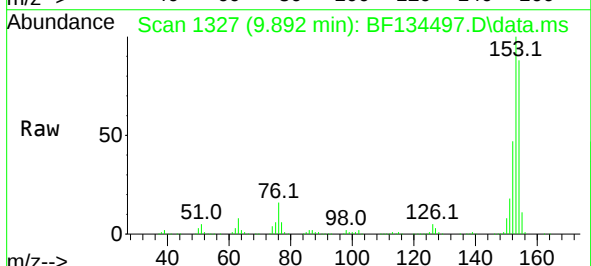
Manual Integrations
APPROVED

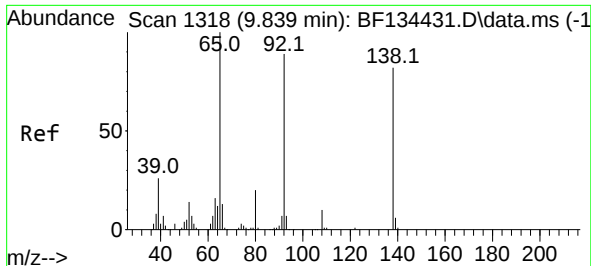
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#52
Acenaphthene
Concen: 37.919 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

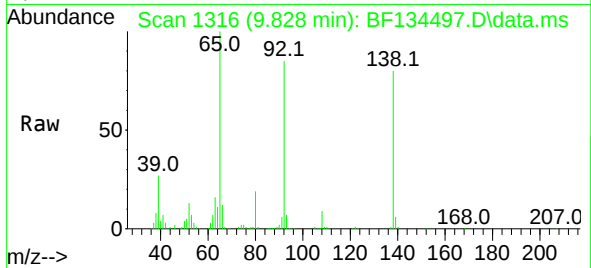
Tgt Ion:154 Resp: 312191
Ion Ratio Lower Upper
154 100
153 113.8 90.0 135.0
152 53.3 42.4 63.6





#53
3-Nitroaniline
Concen: 36.204 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.011 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

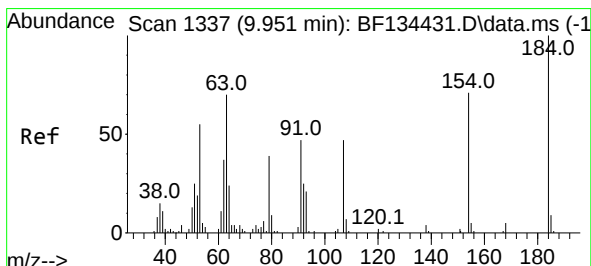
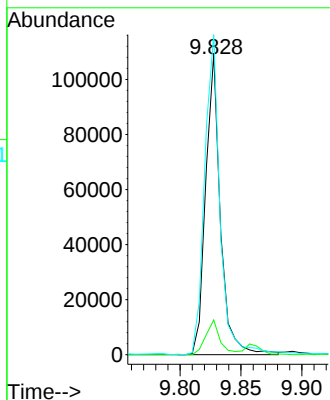
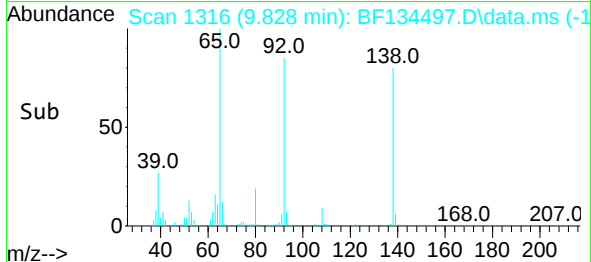
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:138 Resp: 91672
Ion Ratio Lower Upper
138 100
108 11.6 9.3 13.9
92 106.5 86.6 129.8

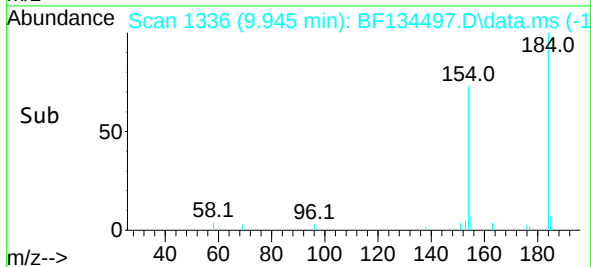
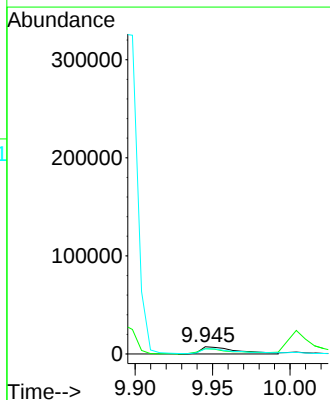
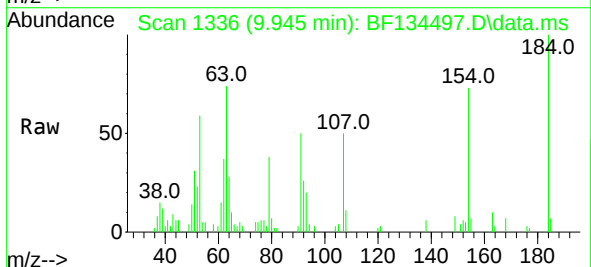
Manual Integrations
APPROVED

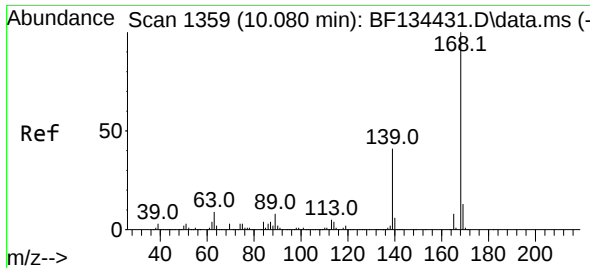
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#54
2,4-Dinitrophenol
Concen: 15.939 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

Tgt Ion:184 Resp: 11828
Ion Ratio Lower Upper
184 100
63 74.4 57.1 85.7
154 72.7 59.1 88.7





#55
Dibenzofuran
Concen: 38.538 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.011 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

Instrument :

BNA_F

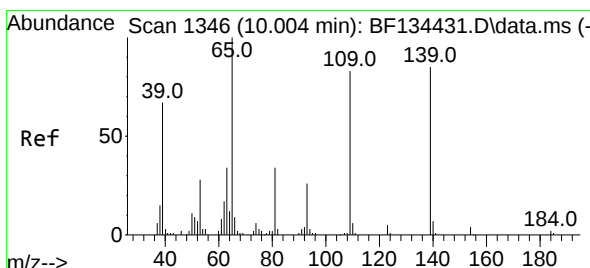
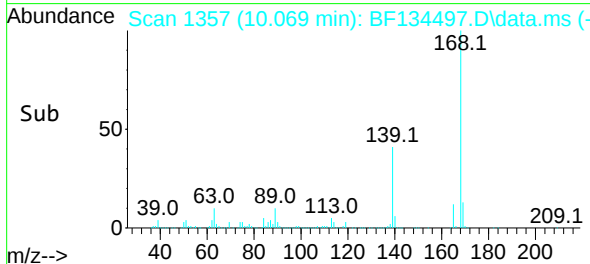
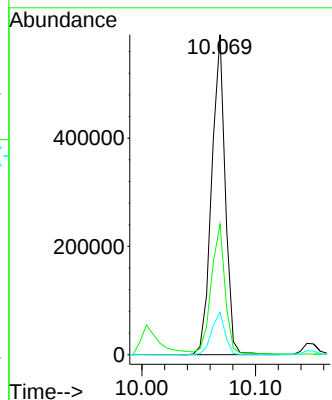
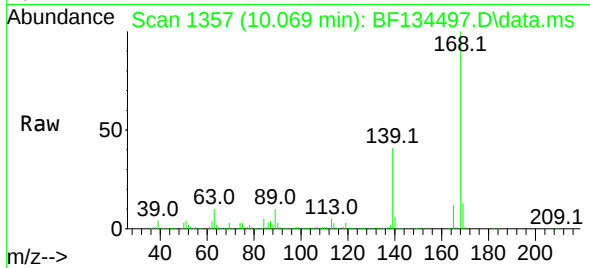
ClientSampleId :

TP-1MSD

Tgt Ion:168 Resp: 48833
Ion Ratio Lower Upper
168 100
139 40.8 33.4 50.2
169 13.2 10.6 15.8

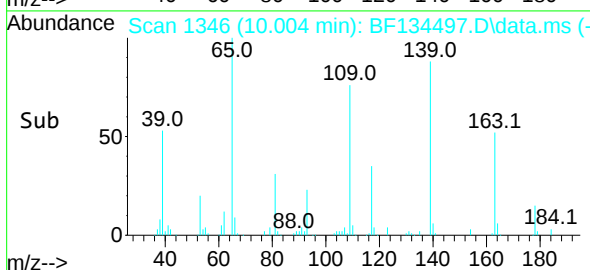
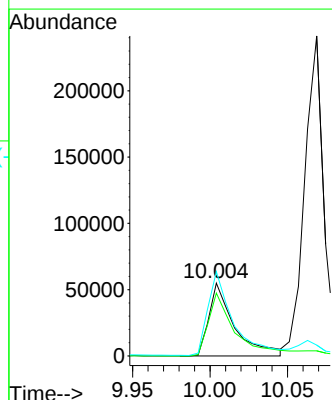
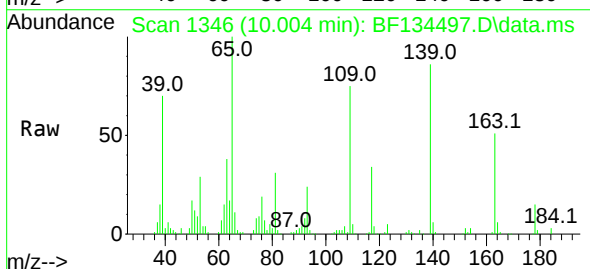
Manual Integrations
APPROVED

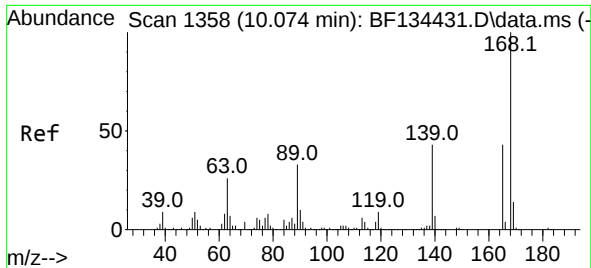
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#56
4-Nitrophenol
Concen: 46.549 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

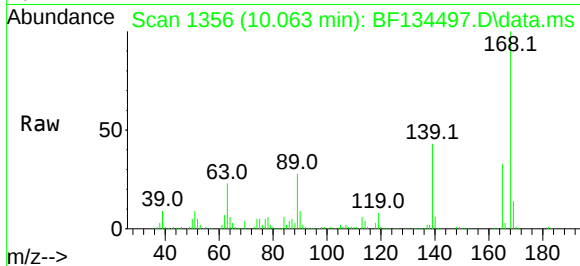
Tgt Ion:139 Resp: 62855
Ion Ratio Lower Upper
139 100
109 86.4 76.9 116.9
65 115.7 98.5 138.5





#57
2,4-Dinitrotoluene
Concen: 35.426 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

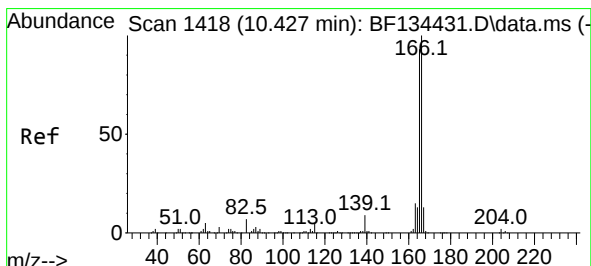
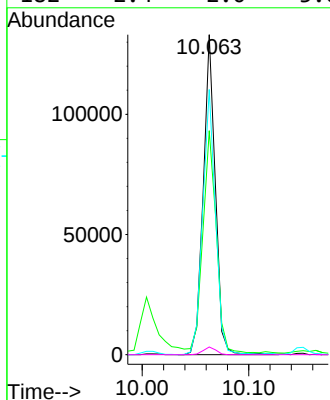
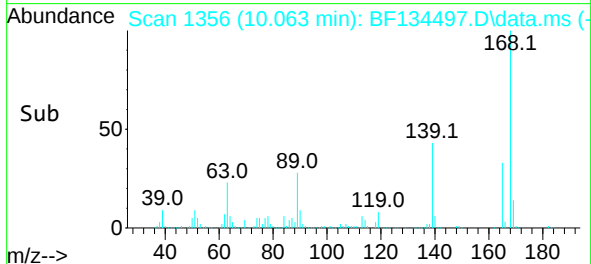
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:165 Resp: 10508
Ion Ratio Lower Upper
165 100
63 70.0 48.9 73.3
89 82.9 61.7 92.5
182 2.4 2.0 3.0

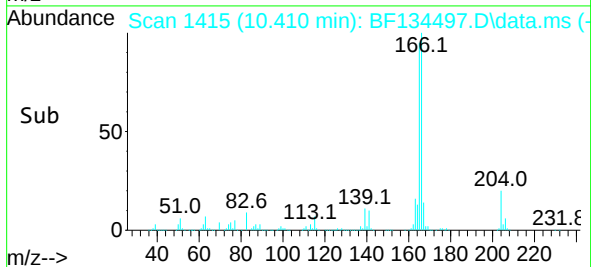
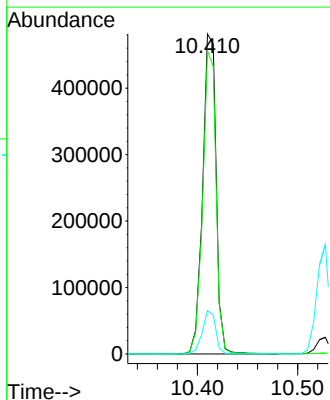
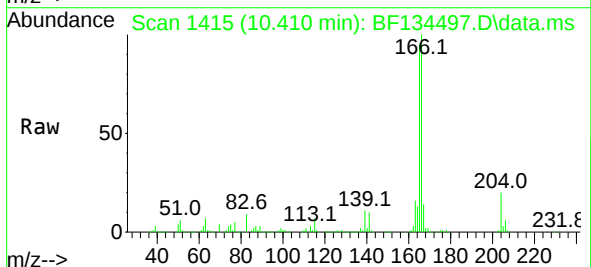
Manual Integrations
APPROVED

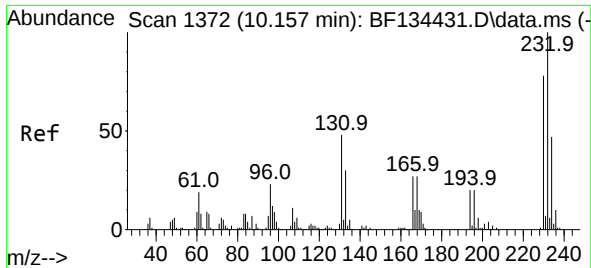
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#58
Fluorene
Concen: 44.142 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.017 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

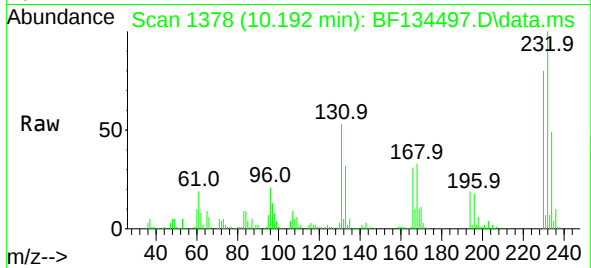
Tgt Ion:166 Resp: 451241
Ion Ratio Lower Upper
166 100
165 94.7 74.5 111.7
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.470 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

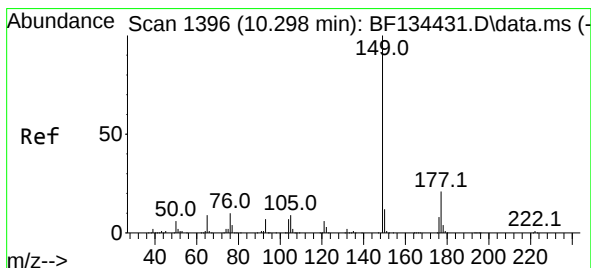
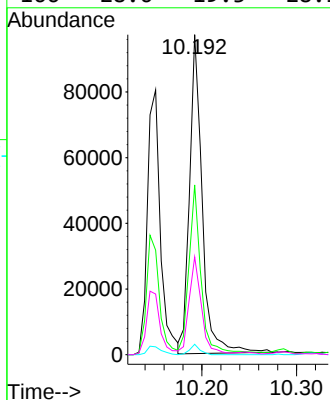
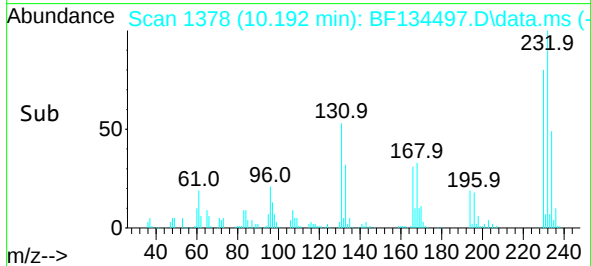
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:232 Resp: 90110
Ion Ratio Lower Upper
232 100
131 49.6 33.4 50.0
130 2.6 1.8 2.6
166 28.6 19.3 28.9

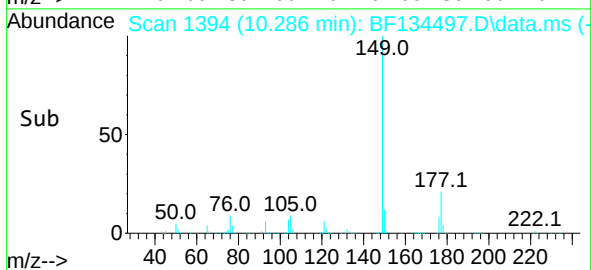
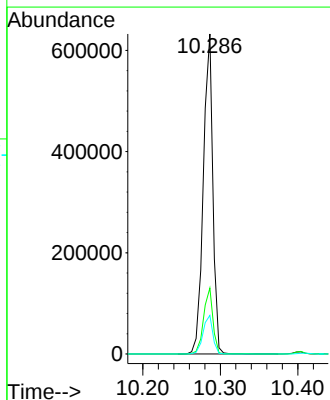
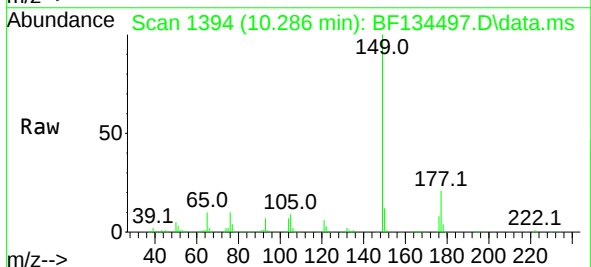
Manual Integrations
APPROVED

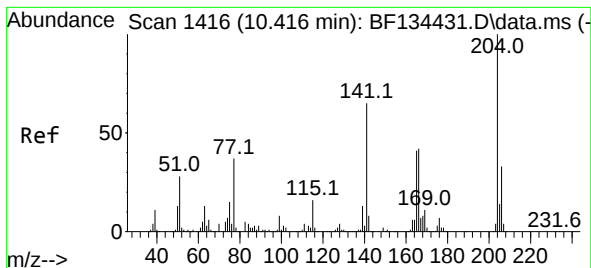
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#60
Diethylphthalate
Concen: 51.730 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

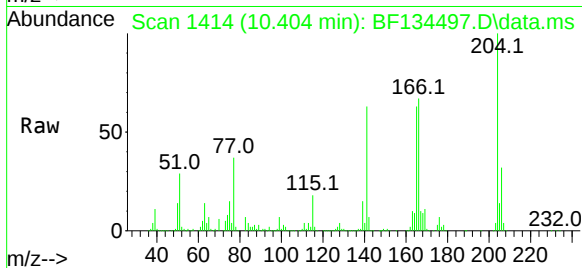
Tgt Ion:149 Resp: 539048
Ion Ratio Lower Upper
149 100
177 20.6 17.0 25.4
150 12.1 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.003 ng
RT: 10.404 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

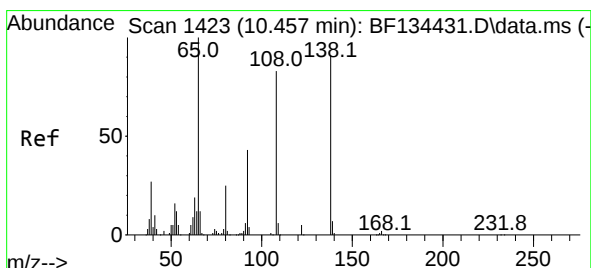
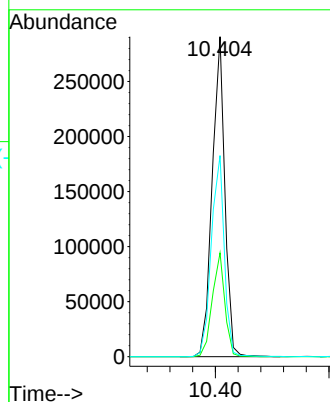
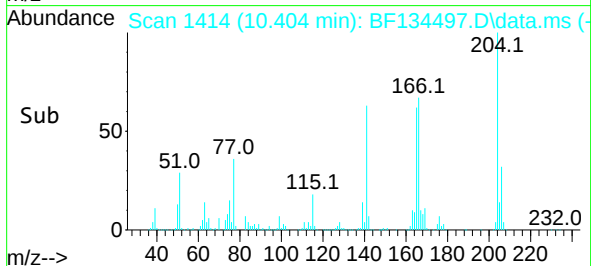
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:204 Resp: 224648
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 62.9 52.2 78.4

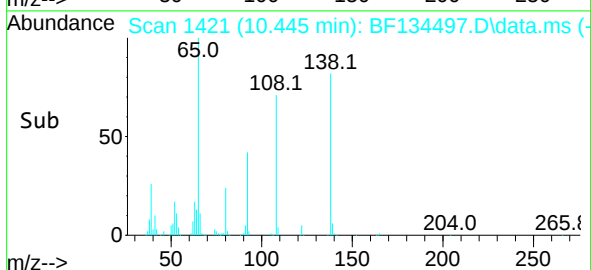
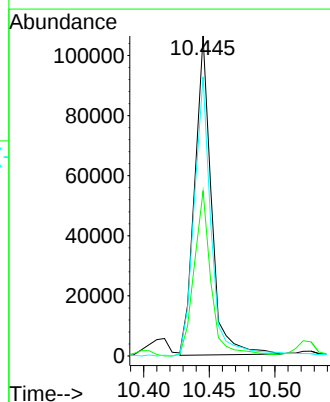
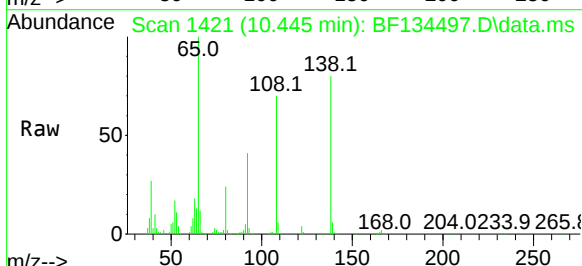
Manual Integrations
APPROVED

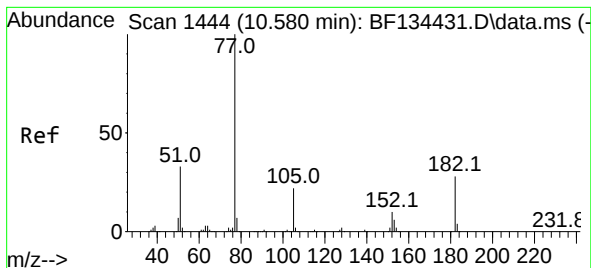
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#62
4-Nitroaniline
Concen: 36.370 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

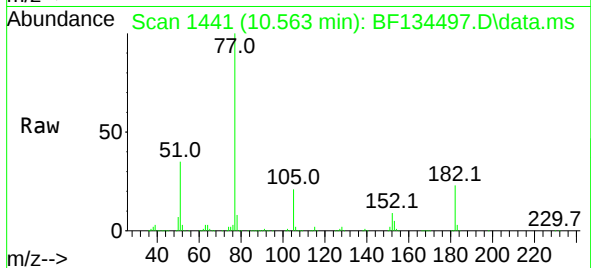
Tgt Ion:138 Resp: 94482
Ion Ratio Lower Upper
138 100
92 51.6 27.0 67.0
108 87.3 70.4 110.4





#63
Azobenzene
Concen: 41.009 ng
RT: 10.563 min Scan# 1444
Delta R.T. -0.017 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

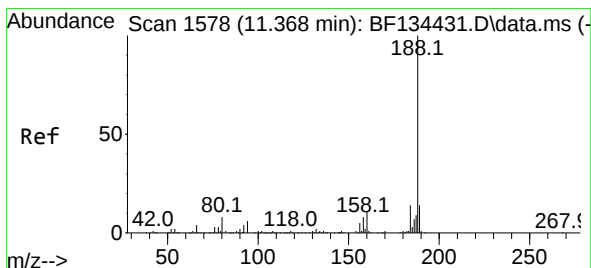
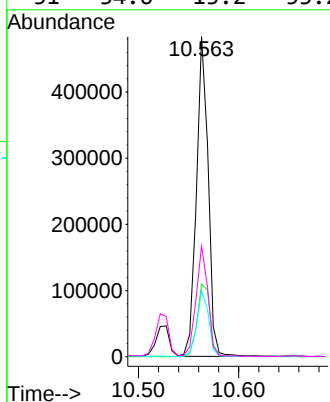
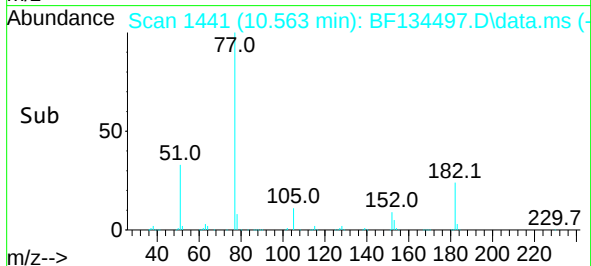
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



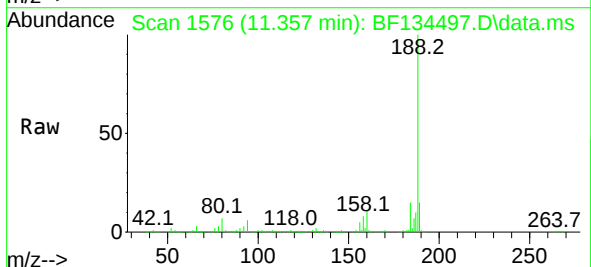
Tgt Ion: 77 Resp: 39334
Ion Ratio Lower Upper
77 100
182 22.8 7.5 47.5
105 20.6 1.9 41.9
51 34.6 13.2 53.2

Manual Integrations
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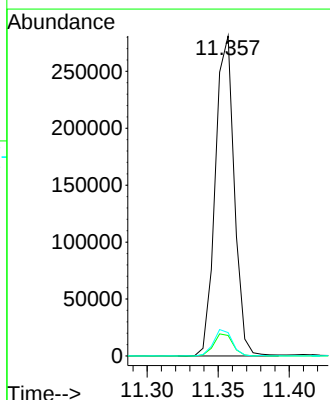
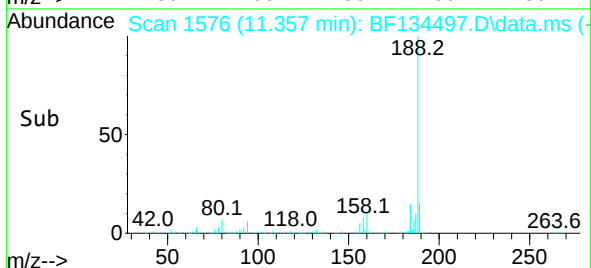
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

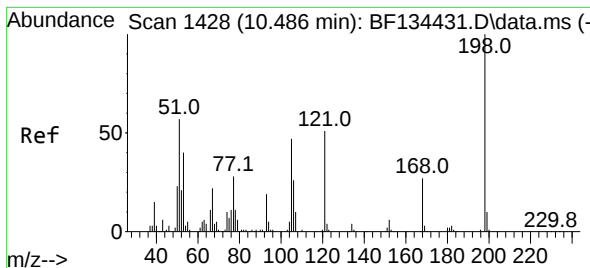


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27



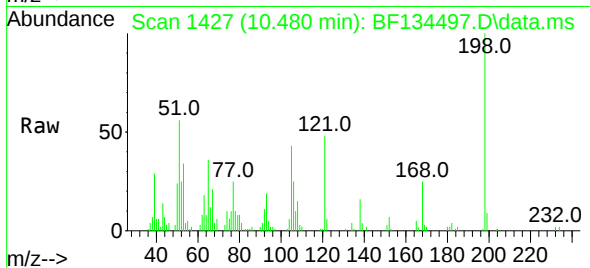
Tgt Ion:188 Resp: 261031
Ion Ratio Lower Upper
188 100
94 6.4 5.1 7.7
80 7.3 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 10.034 ng
RT: 10.480 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

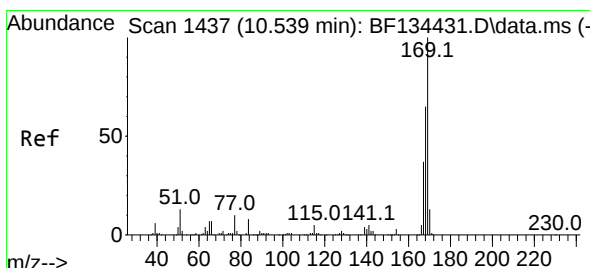
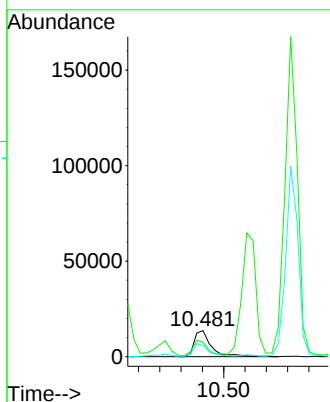
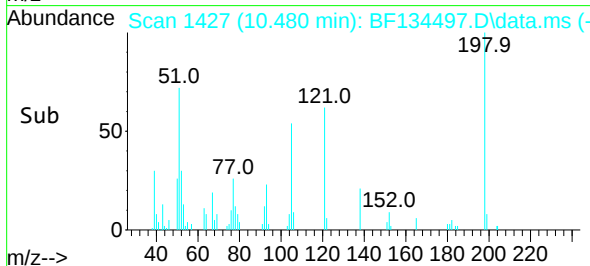
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



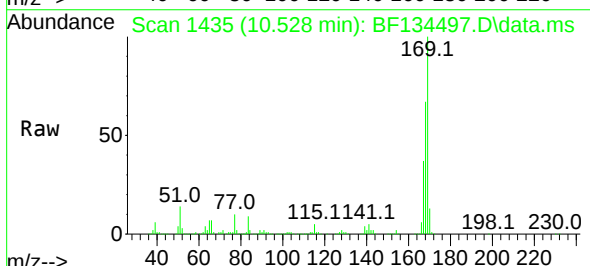
Tgt Ion:198 Resp: 15029
Ion Ratio Lower Upper
198 100
51 55.8 38.6 78.6
105 42.8 27.9 67.9

Manual Integrations
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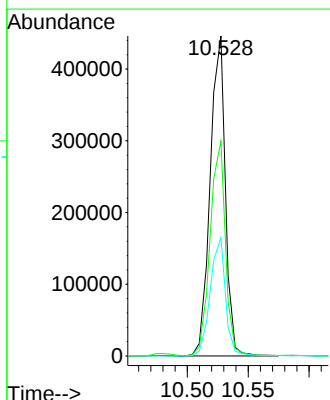
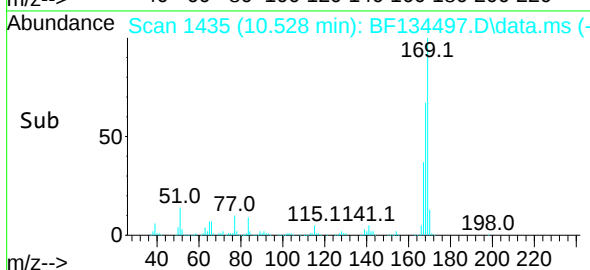
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

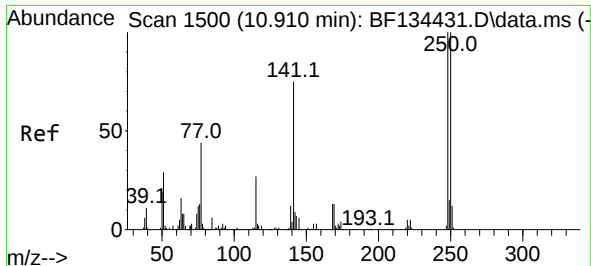


#66
n-Nitrosodiphenylamine
Concen: 46.527 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27



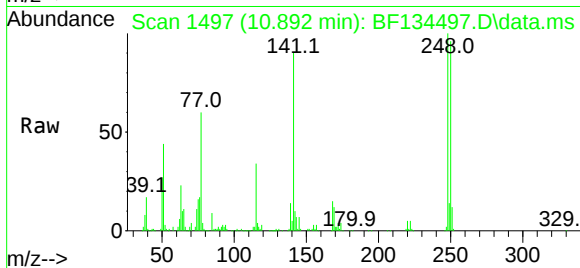
Tgt Ion:169 Resp: 386395
Ion Ratio Lower Upper
169 100
168 67.2 52.6 78.8
167 37.0 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 40.851 ng
RT: 10.892 min Scan# 141
Delta R.T. -0.017 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

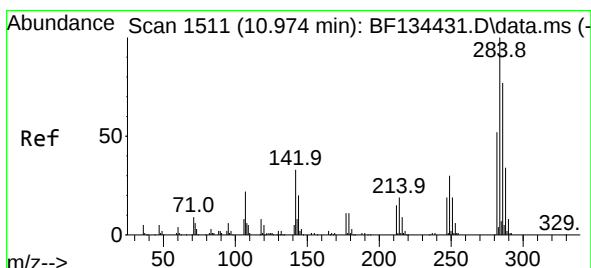
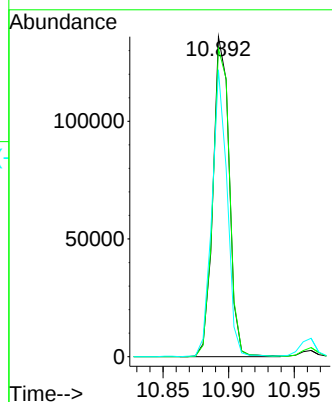
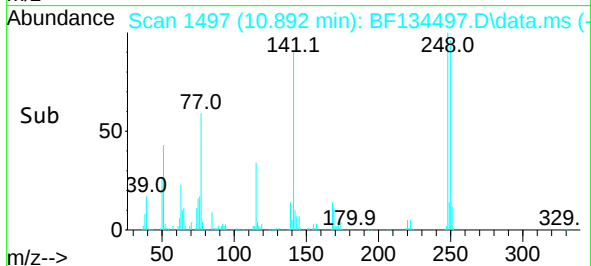
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:248 Resp: 116834
Ion Ratio Lower Upper
248 100
250 96.3 79.6 119.4
141 89.7 59.6 89.4

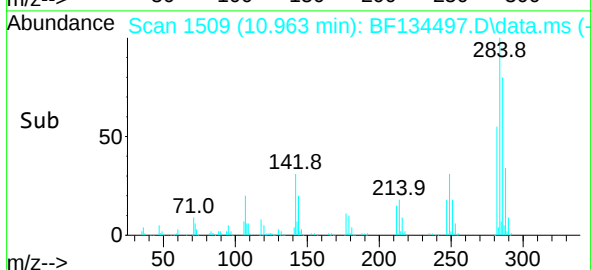
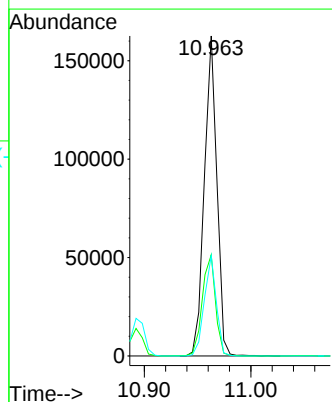
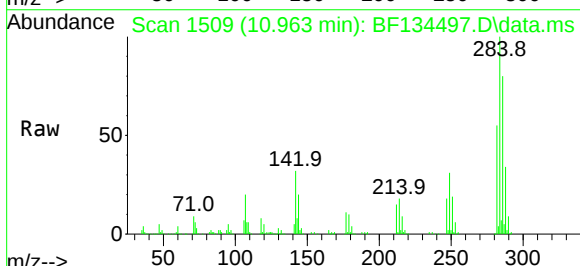
Manual Integrations
APPROVED

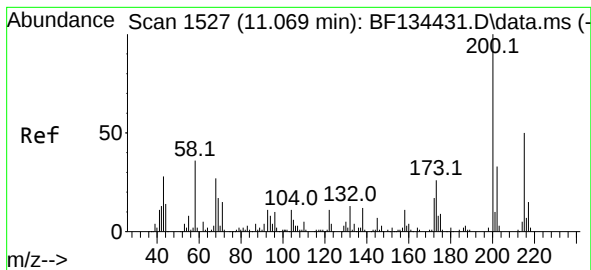
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#68
Hexachlorobenzene
Concen: 41.349 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

Tgt Ion:284 Resp: 133167
Ion Ratio Lower Upper
284 100
142 31.6 26.5 39.7
249 31.3 23.8 35.8





#69

Atrazine

Concen: 47.188 ng

RT: 11.057 min Scan# 1105

Delta R.T. -0.012 min

Lab File: BF134497.D

Acq: 26 Jul 2023 23:27

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:200 Resp: 109259

Ion Ratio Lower Upper

200 100

173 27.1 6.1 46.1

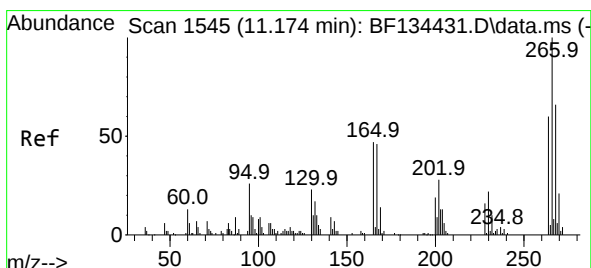
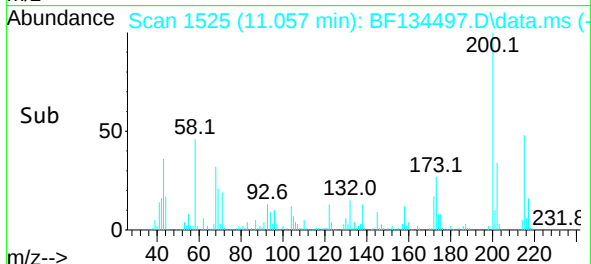
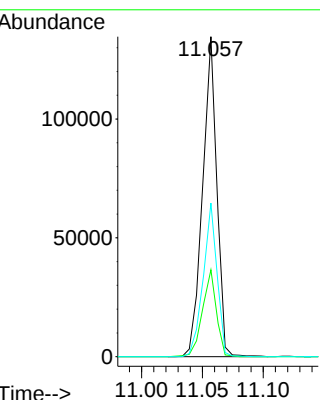
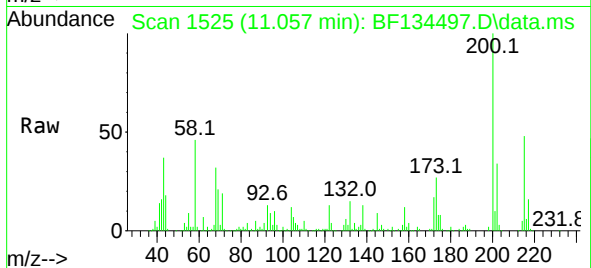
215 48.0 29.7 69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#70

Pentachlorophenol

Concen: 43.528 ng

RT: 11.163 min Scan# 1543

Delta R.T. -0.011 min

Lab File: BF134497.D

Acq: 26 Jul 2023 23:27

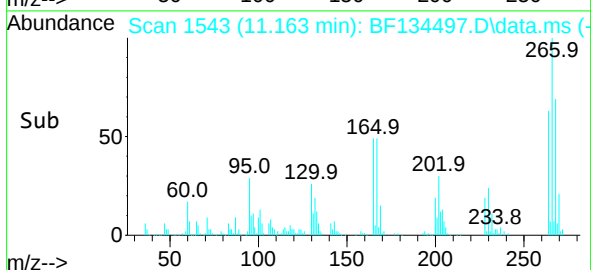
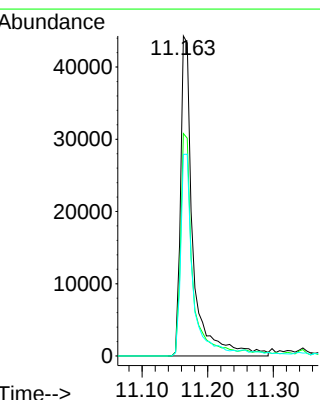
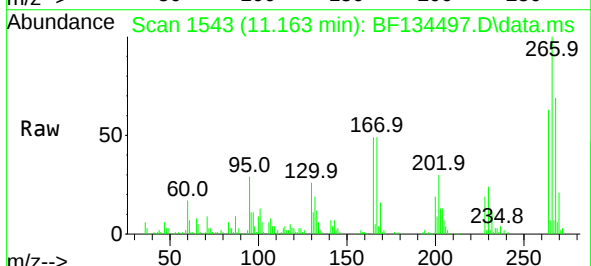
Tgt Ion:266 Resp: 58831

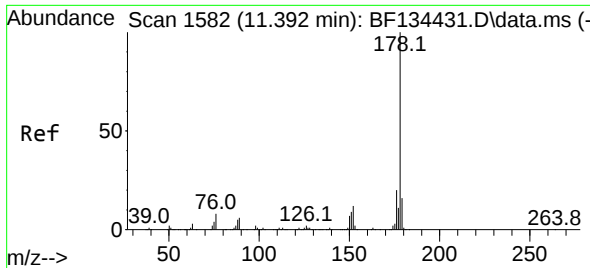
Ion Ratio Lower Upper

266 100

268 69.5 52.9 79.3

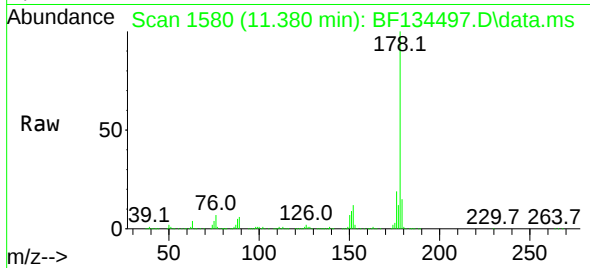
264 63.0 47.8 71.6





#71
Phenanthrene
Concen: 37.694 ng
RT: 11.380 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

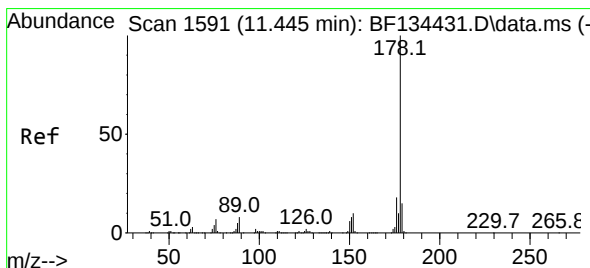
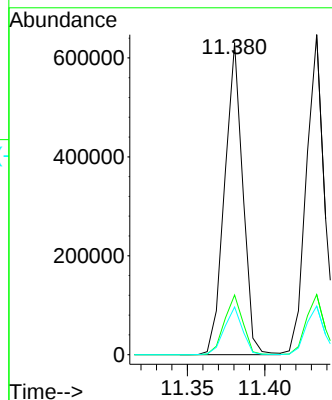
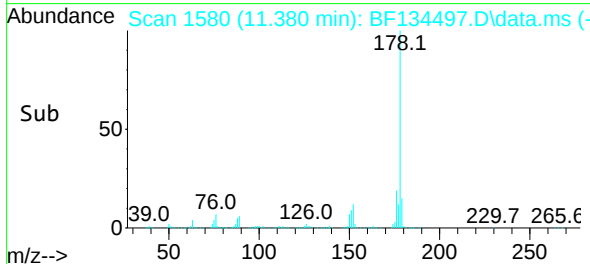
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:178 Resp: 51408
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.3 12.7 19.1

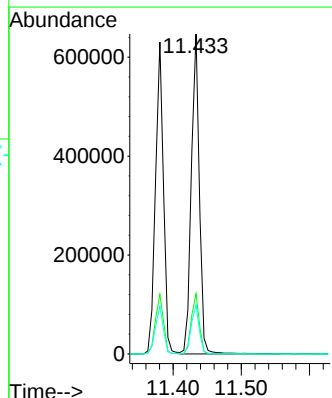
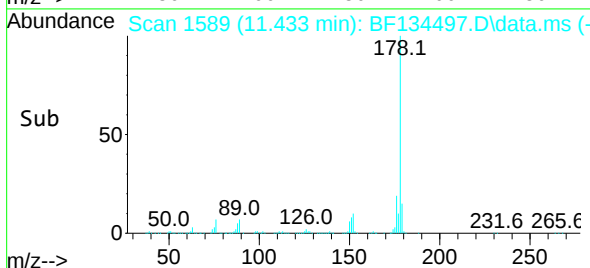
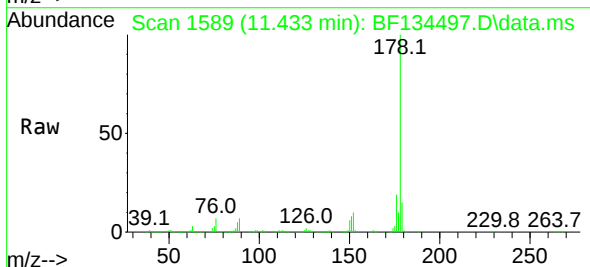
Manual Integrations
APPROVED

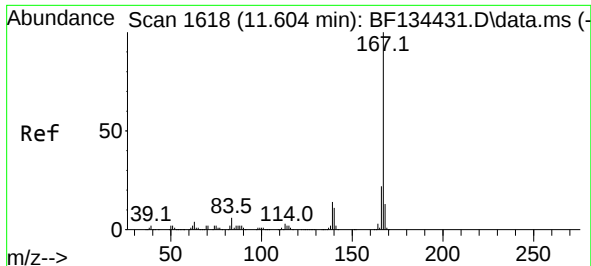
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#72
Anthracene
Concen: 37.279 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

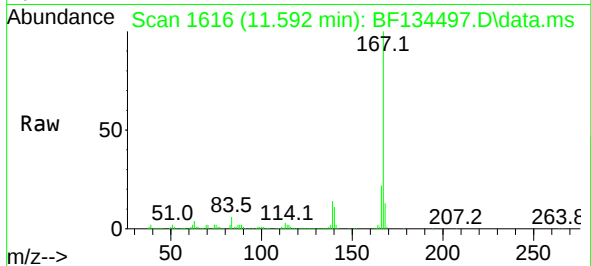
Tgt Ion:178 Resp: 524753
Ion Ratio Lower Upper
178 100
176 18.8 14.6 21.8
179 15.2 12.3 18.5





#73
 Carbazole
 Concen: 35.113 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.012 min
 Lab File: BF134497.D
 Acq: 26 Jul 2023 23:27

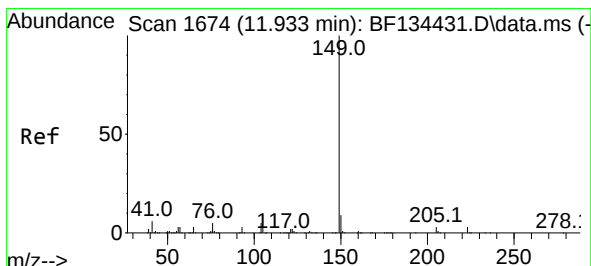
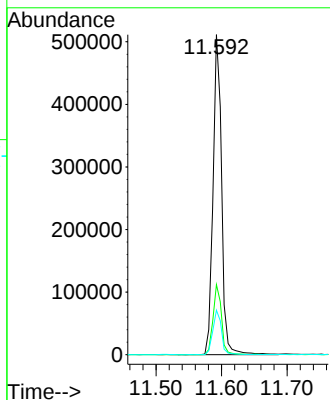
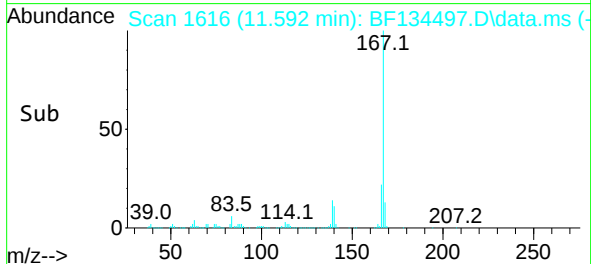
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD



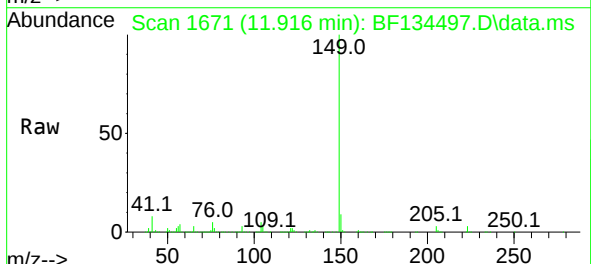
Tgt Ion:167 Resp: 46544
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.9 11.0 16.4

Manual Integrations
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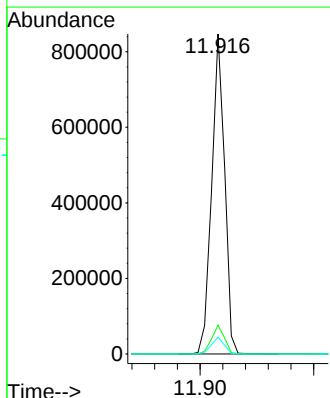
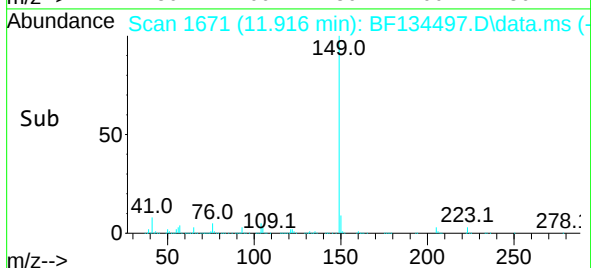
Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023

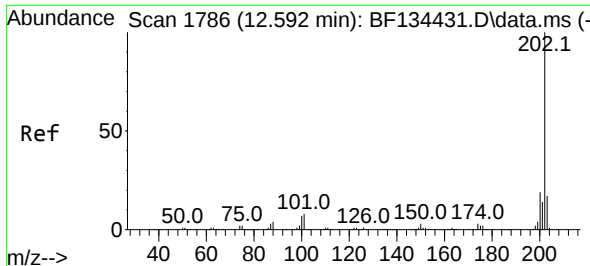


#74
 Di-n-butylphthalate
 Concen: 43.839 ng
 RT: 11.916 min Scan# 1671
 Delta R.T. -0.017 min
 Lab File: BF134497.D
 Acq: 26 Jul 2023 23:27



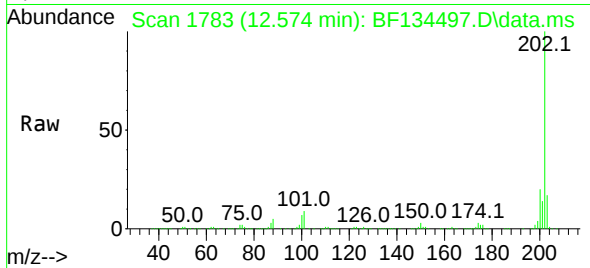
Tgt Ion:149 Resp: 667063
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 5.3 3.8 5.8





#75
Fluoranthene
Concen: 32.253 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

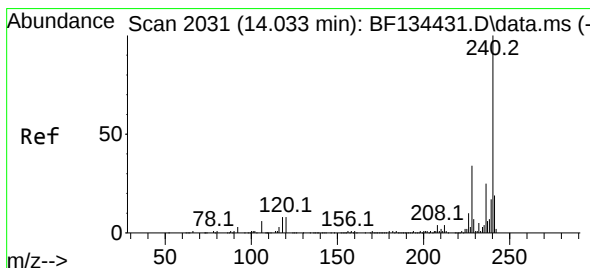
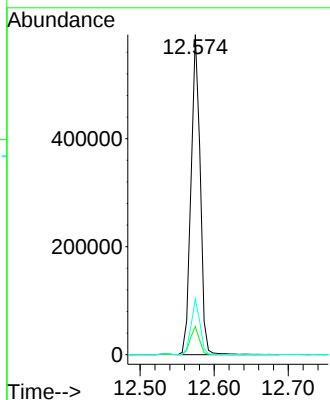
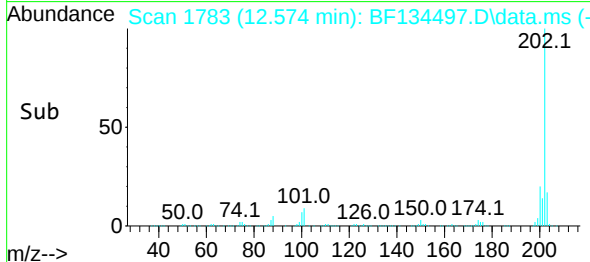
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



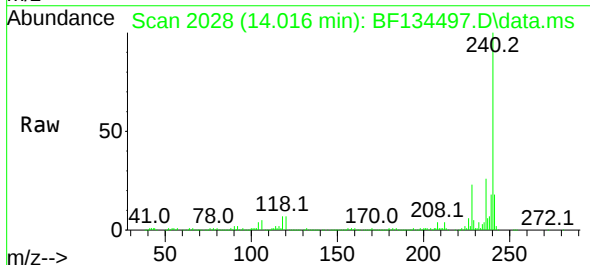
Tgt Ion:202 Resp: 51266
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.5
203 17.4 0.0 37.5

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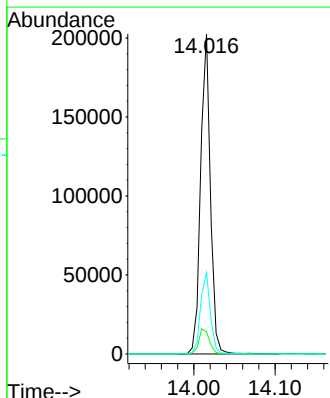
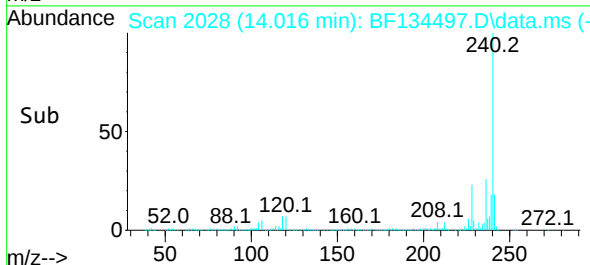
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

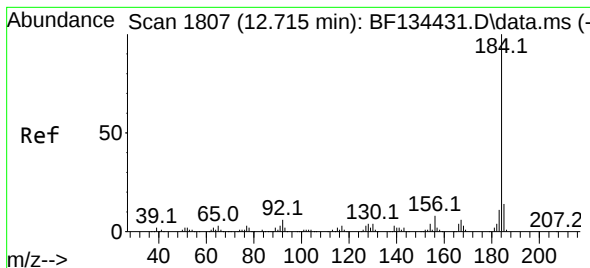


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.017 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27



Tgt Ion:240 Resp: 169254
Ion Ratio Lower Upper
240 100
120 6.9 6.6 10.0
236 25.5 20.2 30.2





#77

Benzidine

Concen: 12.181 ng

RT: 12.704 min Scan# 1805

Delta R.T. -0.011 min

Lab File: BF134497.D

Acq: 26 Jul 2023 23:27

Instrument :

BNA_F

ClientSampleId :

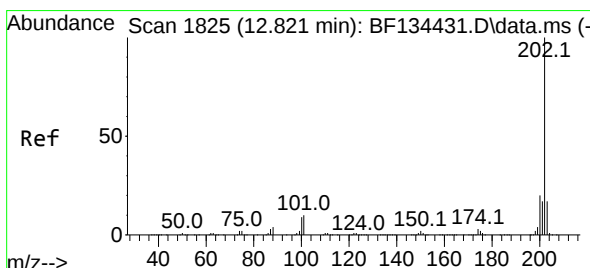
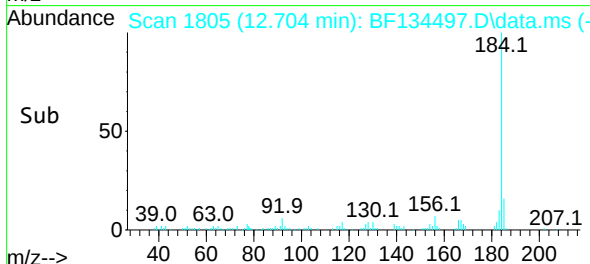
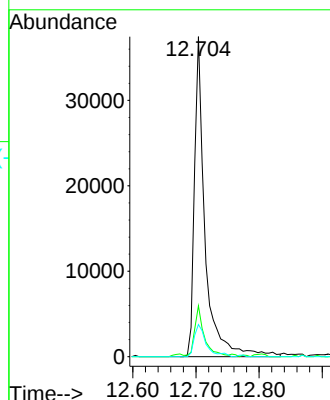
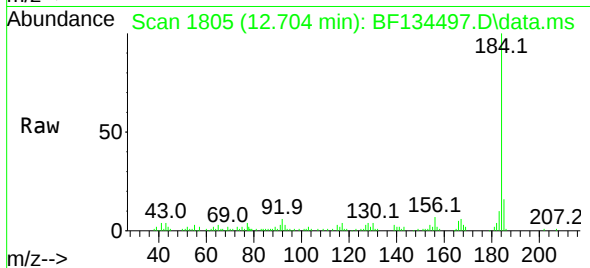
TP-1MSD

Tgt Ion:184	Resp: 44020
Ion Ratio	Lower Upper
184	100
185	15.9 11.2 16.8
183	10.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#78

Pyrene

Concen: 37.436 ng

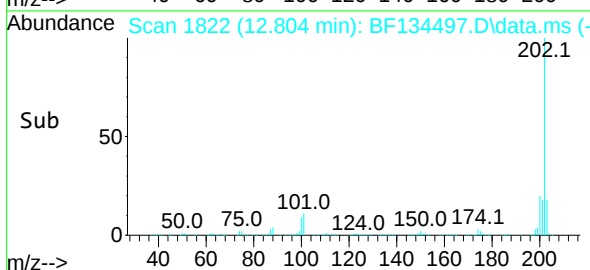
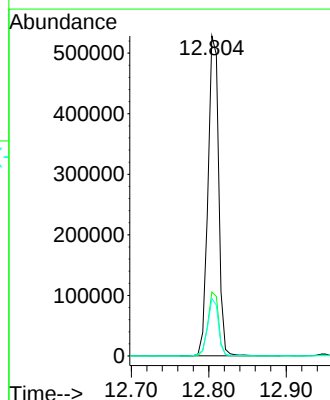
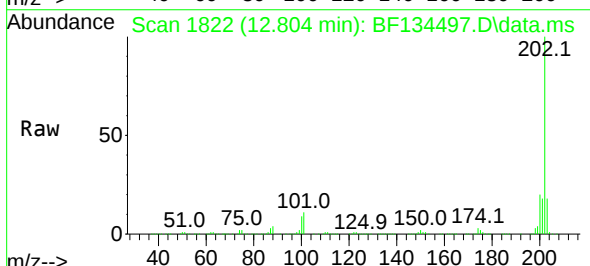
RT: 12.804 min Scan# 1822

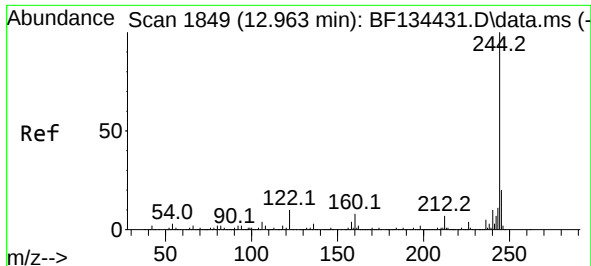
Delta R.T. -0.017 min

Lab File: BF134497.D

Acq: 26 Jul 2023 23:27

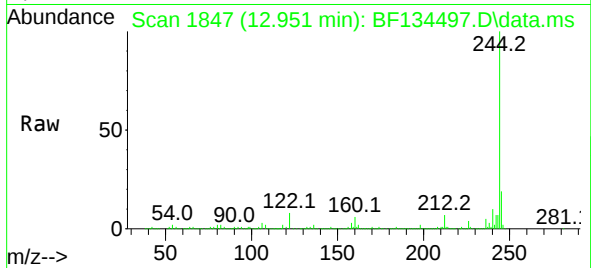
Tgt Ion:202	Resp: 503807
Ion Ratio	Lower Upper
202	100
200	19.9 15.8 23.8
203	18.0 13.5 20.3





#79
Terphenyl-d14
Concen: 84.527 ng
RT: 12.951 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

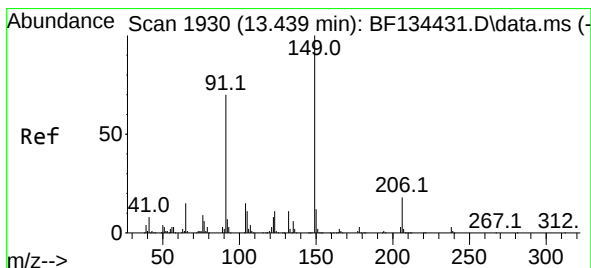
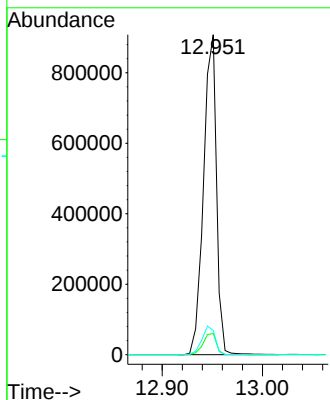
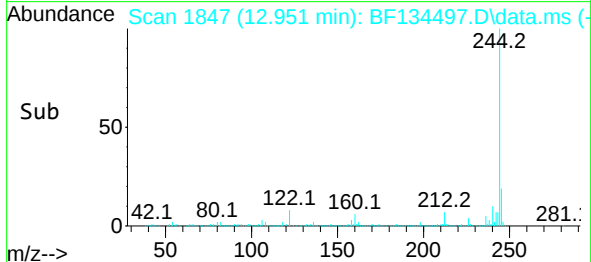
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:244 Resp: 819550
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 7.6 8.0 12.0

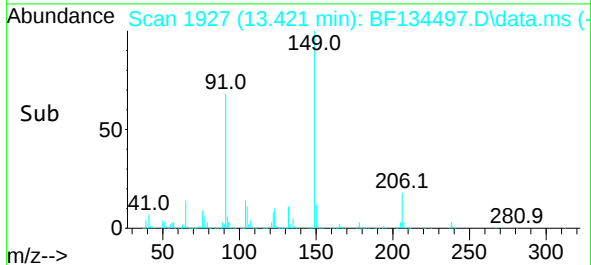
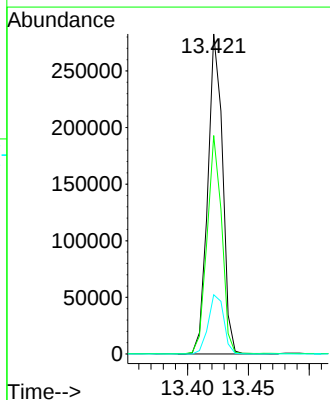
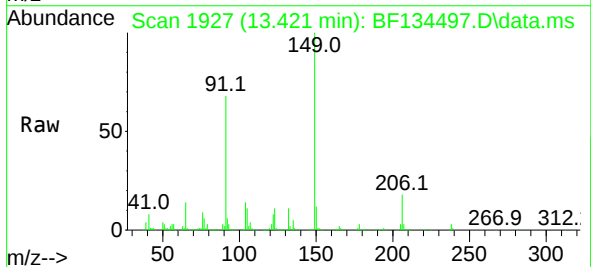
Manual Integrations
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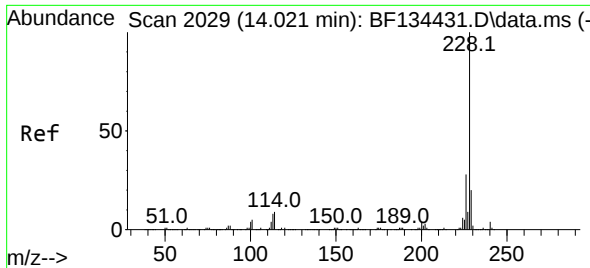
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#80
Butylbenzylphthalate
Concen: 44.189 ng
RT: 13.421 min Scan# 1927
Delta R.T. -0.017 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

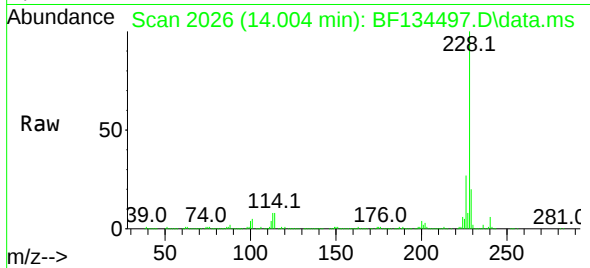
Tgt Ion:149 Resp: 238210
Ion Ratio Lower Upper
149 100
91 68.3 55.8 83.6
206 18.5 14.6 21.8





#81
Benzo(a)anthracene
Concen: 37.628 ng
RT: 14.004 min Scan# 2019
Delta R.T. -0.017 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

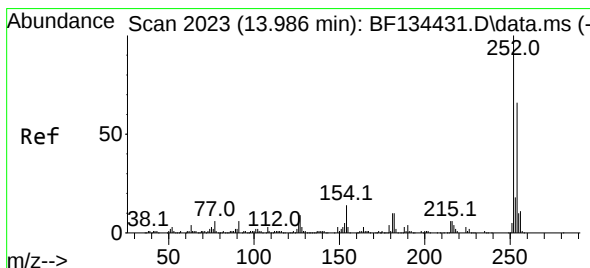
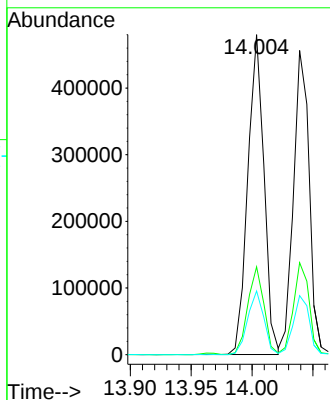
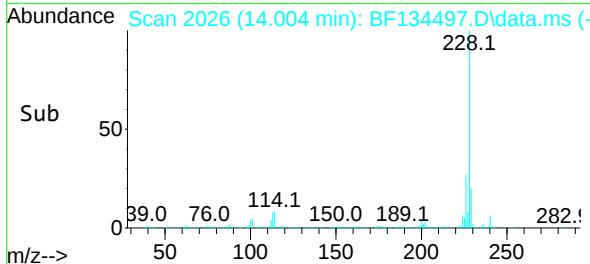
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



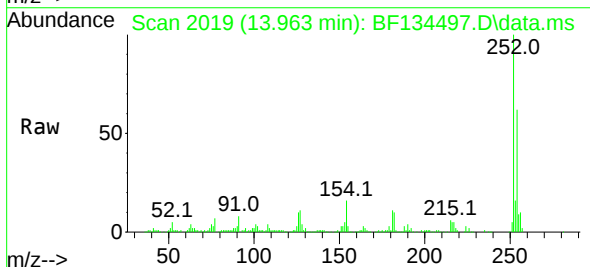
Tgt Ion:228 Resp: 444329
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 19.9 15.8 23.6

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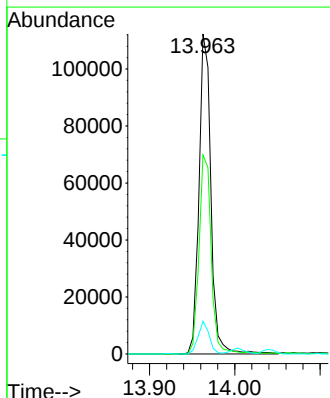
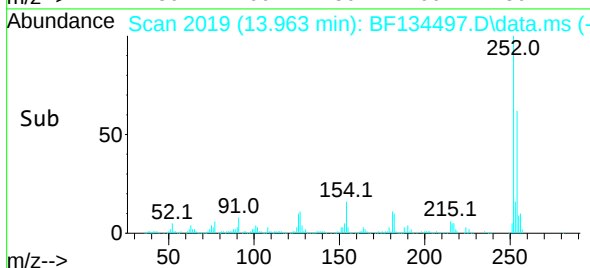
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

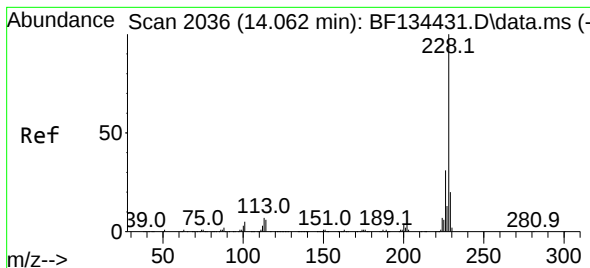


#82
3,3'-Dichlorobenzidine
Concen: 29.134 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.023 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27



Tgt Ion:252 Resp: 108964
Ion Ratio Lower Upper
252 100
254 62.2 52.7 79.1
126 10.2 7.2 10.8





#83

Chrysene

Concen: 36.809 ng

RT: 14.039 min Scan# 2036

Delta R.T. -0.023 min

Lab File: BF134497.D

Acq: 26 Jul 2023 23:27

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:228 Resp: 415749

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

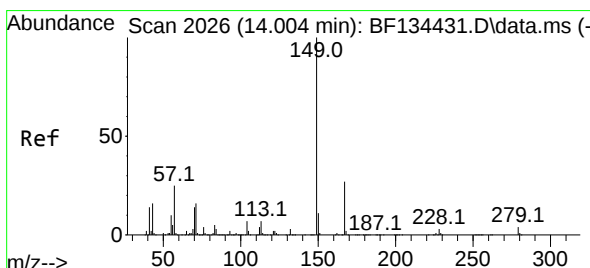
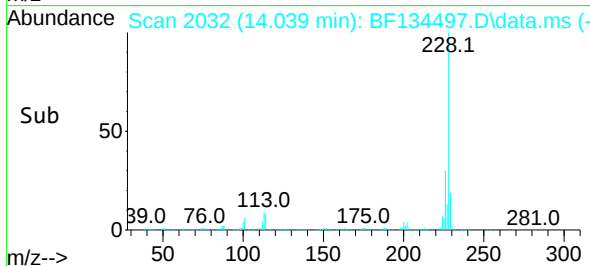
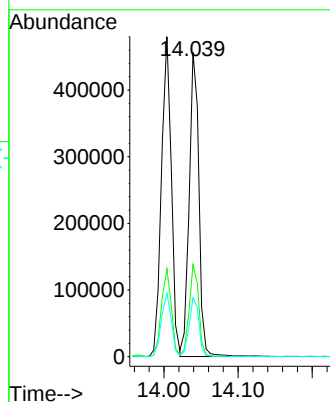
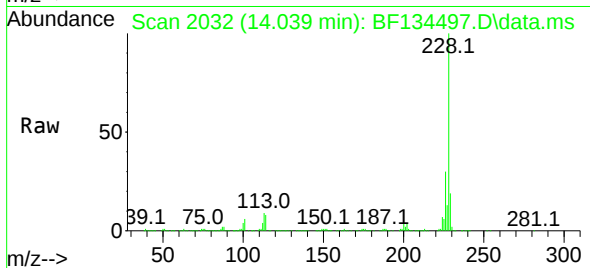
229 19.4 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.913 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.023 min

Lab File: BF134497.D

Acq: 26 Jul 2023 23:27

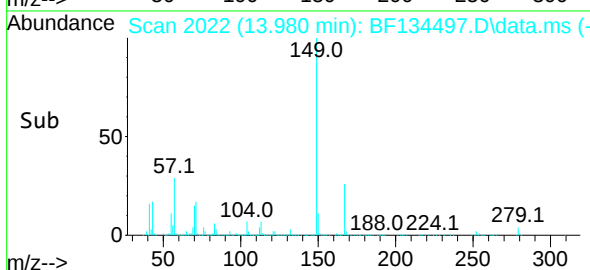
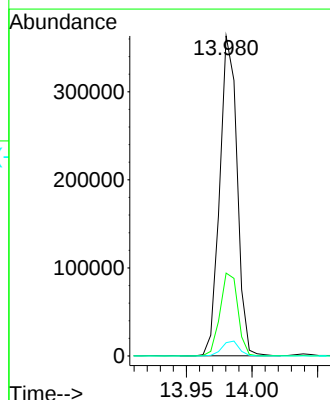
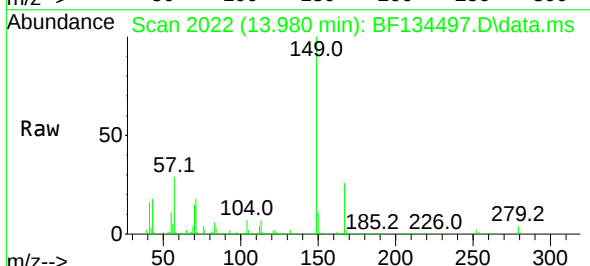
Tgt Ion:149 Resp: 333436

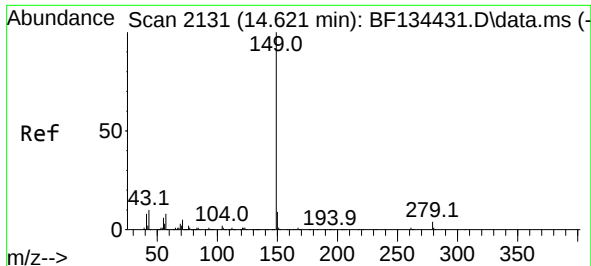
Ion Ratio Lower Upper

149 100

167 25.9 21.6 32.4

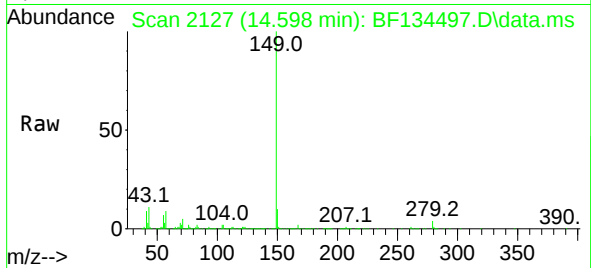
279 4.1 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 59.124 ng
RT: 14.598 min Scan# 2131
Delta R.T. -0.023 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

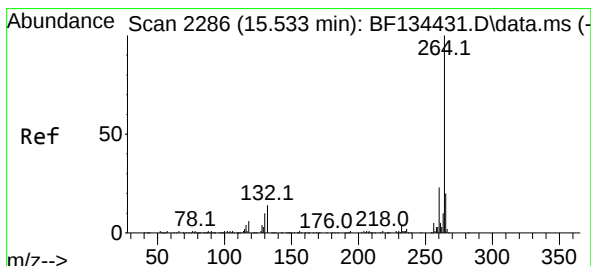
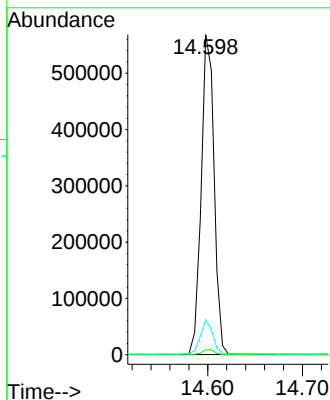
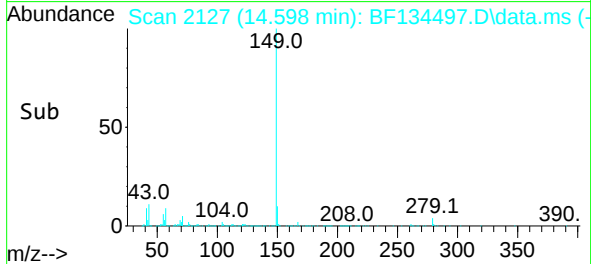
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:149 Resp: 538100
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.2 8.1 12.1

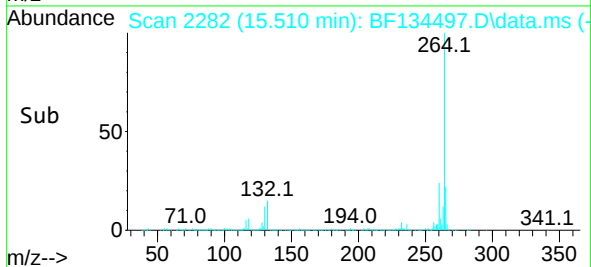
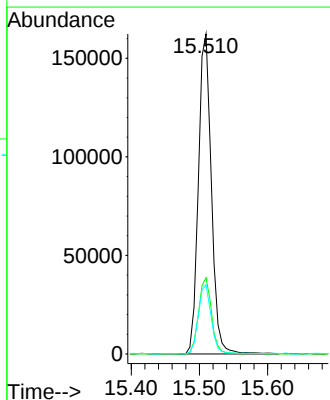
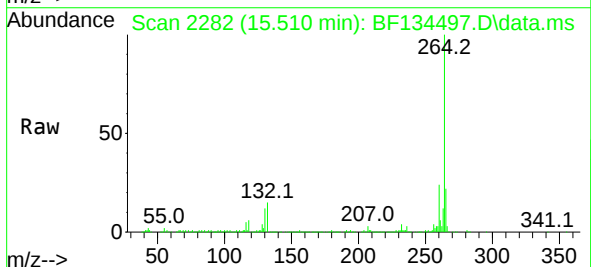
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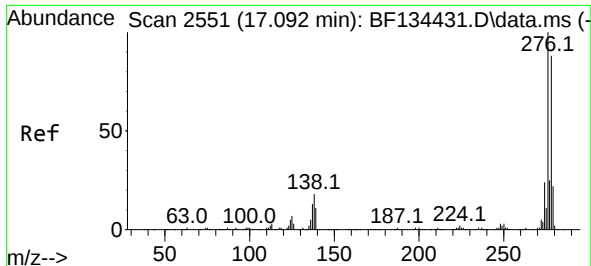
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2282
Delta R.T. -0.023 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

Tgt Ion:264 Resp: 214562
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 21.6 15.8 23.8





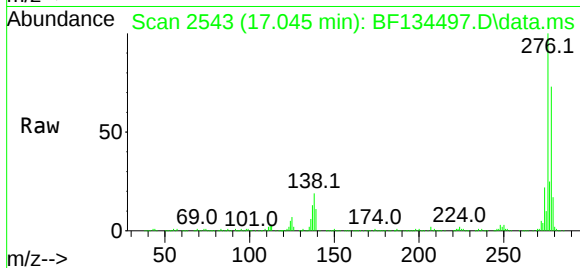
#87
Indeno(1,2,3-cd)pyrene
Concen: 28.715 ng
RT: 17.045 min Scan# 211
Delta R.T. -0.047 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

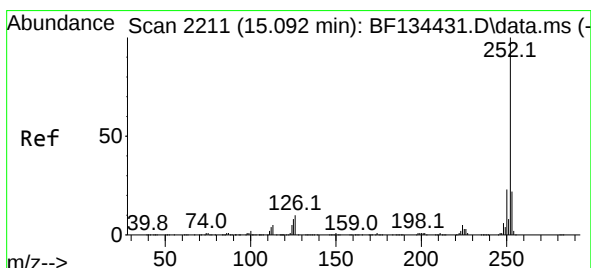
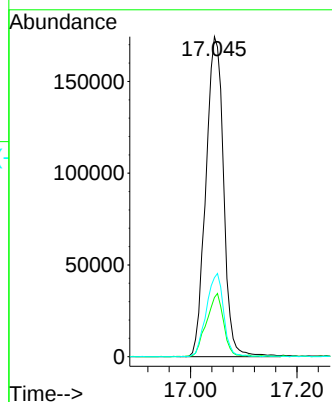
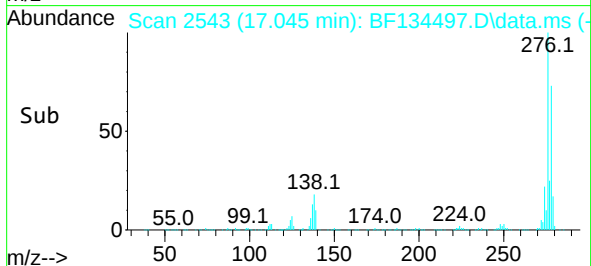


Tgt Ion:276 Resp: 40251
Ion Ratio Lower Upper
276 100
138 19.2 14.2 21.4
277 25.5 19.9 29.9

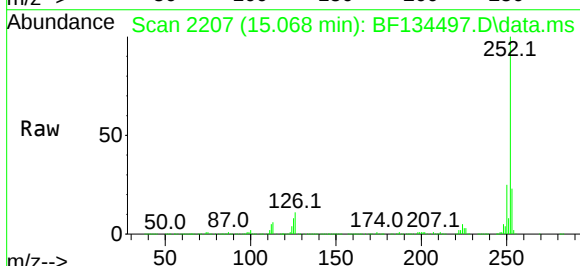
Manual Integrations

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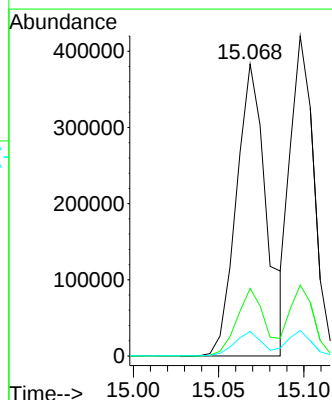
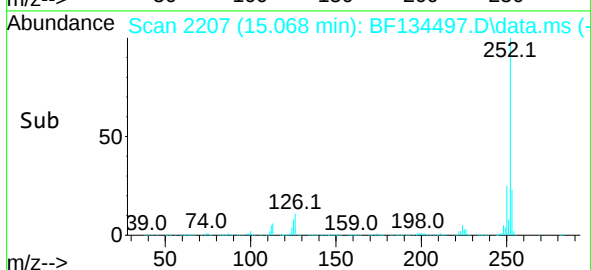
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

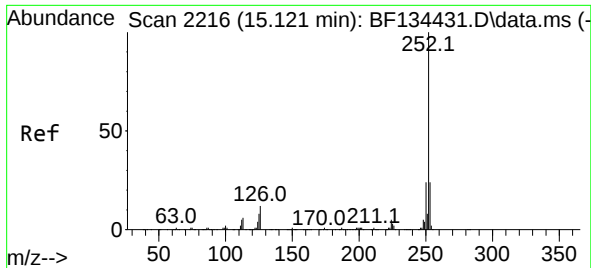


#88
Benzo(b)fluoranthene
Concen: 34.944 ng
RT: 15.068 min Scan# 2207
Delta R.T. -0.023 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27



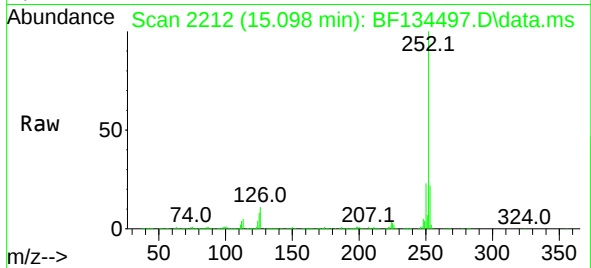
Tgt Ion:252 Resp: 469056
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 8.4 6.0 9.0





#89
Benzo(k)fluoranthene
Concen: 31.111 ng
RT: 15.098 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

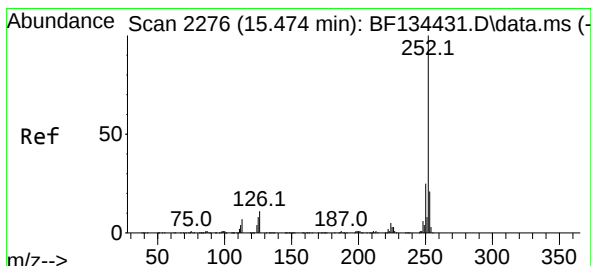
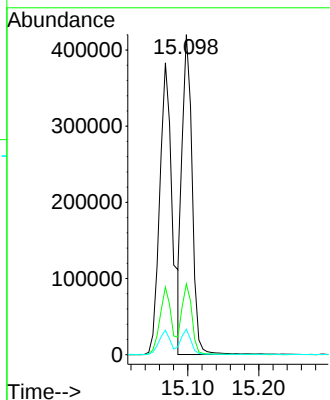
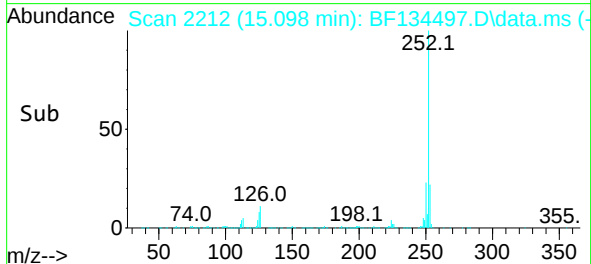
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:252 Resp: 410690
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.0 6.3 9.5

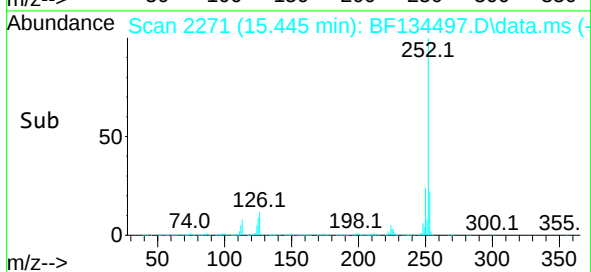
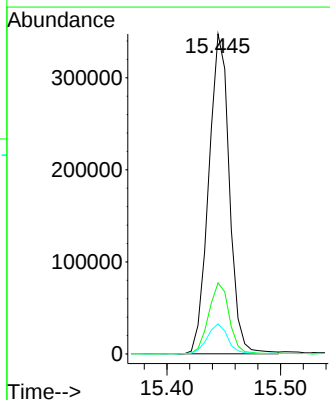
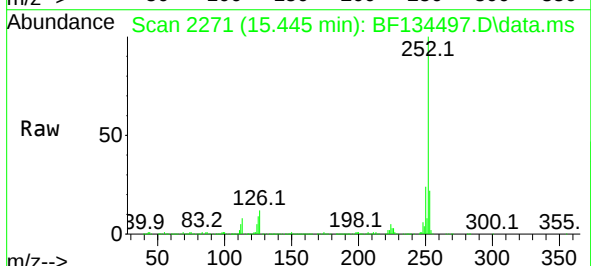
Manual Integrations
APPROVED

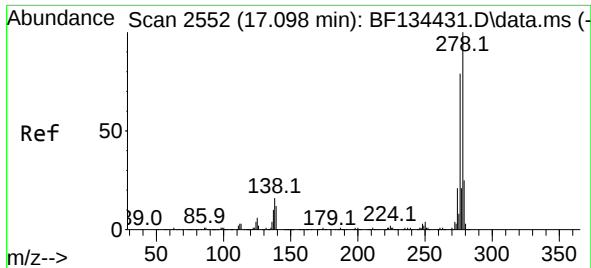
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#90
Benzo(a)pyrene
Concen: 35.392 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.029 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

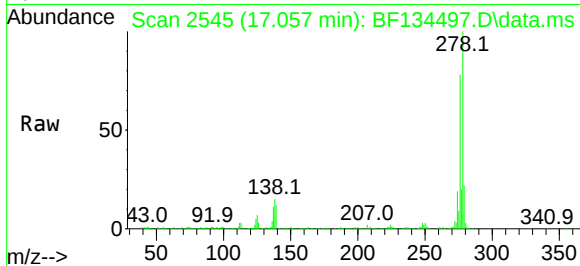
Tgt Ion:252 Resp: 439119
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 9.4 6.2 9.4#





#91
Dibenzo(a,h)anthracene
Concen: 29.963 ng
RT: 17.057 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27

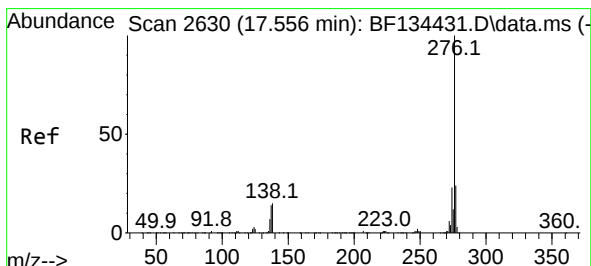
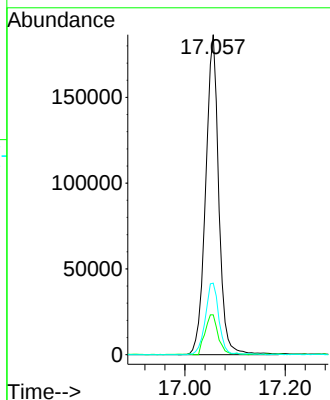
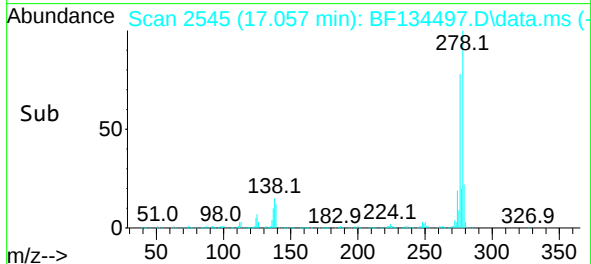
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



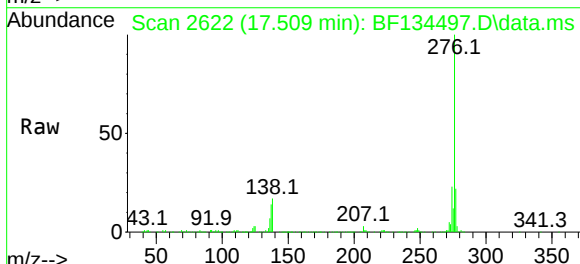
Tgt Ion:278 Resp: 339190
Ion Ratio Lower Upper
278 100
139 12.4 10.0 15.0
279 22.4 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



#92
Benzo(g,h,i)perylene
Concen: 29.422 ng
RT: 17.509 min Scan# 2622
Delta R.T. -0.047 min
Lab File: BF134497.D
Acq: 26 Jul 2023 23:27



Tgt Ion:276 Resp: 341993
Ion Ratio Lower Upper
276 100
277 22.2 19.0 28.6
138 17.4 12.2 18.2

