

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135944.D
 Acq On : 25 Oct 2023 16:49
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102523

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

Quant Time: Oct 26 03:58:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	175605	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	677904	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	338239	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	613544	20.000	ng	0.00
76) Chrysene-d12	14.010	240	413784	20.000	ng	0.00
86) Perylene-d12	15.486	264	388575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	912683	80.256	ng	0.00
7) Phenol-d6	6.457	99	1130310	79.836	ng	0.00
23) Nitrobenzene-d5	7.387	82	909206	86.425	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	271973	91.864	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1662601	78.709	ng	0.00
79) Terphenyl-d14	12.951	244	1985260	80.161	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	210122	39.776	ng	99
3) Pyridine	3.363	79	585508	40.156	ng	100
4) n-Nitrosodimethylamine	3.334	42	254538	40.036	ng	99
6) Aniline	6.493	93	751983	39.446	ng	99
8) 2-Chlorophenol	6.610	128	471098	40.016	ng	97
9) Benzaldehyde	6.375	77	308049	40.222	ng	97
10) Phenol	6.469	94	589325m	39.816	ng	
11) bis(2-Chloroethyl)ether	6.569	93	452378	39.266	ng	100
12) 1,3-Dichlorobenzene	6.763	146	491200	39.281	ng	99
13) 1,4-Dichlorobenzene	6.840	146	493319	39.280	ng	98
14) 1,2-Dichlorobenzene	6.993	146	460456	39.482	ng	97
15) Benzyl Alcohol	6.963	79	405803	40.546	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.104	45	660551	38.933	ng	99
17) 2-Methylphenol	7.075	107	409971	39.511	ng	98
18) Hexachloroethane	7.334	117	172610	40.420	ng	99
19) n-Nitroso-di-n-propyla...	7.240	70	318153	39.517	ng	99
20) 3+4-Methylphenols	7.228	107	501515	40.048	ng	99
22) Acetophenone	7.234	105	617092	40.304	ng	99
24) Nitrobenzene	7.410	77	472406	42.398	ng	98
25) Isophorone	7.645	82	862461	40.249	ng	99
26) 2-Nitrophenol	7.722	139	181999	47.175	ng	95
27) 2,4-Dimethylphenol	7.757	122	401192	41.080	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	534612	40.629	ng	100
29) 2,4-Dichlorophenol	7.957	162	376854	43.092	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	404877	40.890	ng	100
31) Naphthalene	8.128	128	1336810	40.787	ng	100
32) Benzoic acid	7.869	122	221113	47.600	ng	93
33) 4-Chloroaniline	8.175	127	579243	39.986	ng	99
34) Hexachlorobutadiene	8.245	225	228726	40.983	ng	99
35) Caprolactam	8.551	113	124781	42.877	ng	97
36) 4-Chloro-3-methylphenol	8.651	107	390391	42.006	ng	99
37) 2-Methylnaphthalene	8.816	142	872945	40.255	ng	100
38) 1-Methylnaphthalene	8.916	142	823360	40.634	ng	98
40) 1,2,4,5-Tetrachloroben...	8.981	216	392141	41.048	ng	99
41) Hexachlorocyclopentadiene	8.975	237	214355	45.505	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	250827	44.859	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	293944	44.277	ng	98
46) 1,1'-Biphenyl	9.287	154	1050319	40.981	ng	99
47) 2-Chloronaphthalene	9.310	162	775425	40.904	ng	99
48) 2-Nitroaniline	9.404	65	232404	45.531	ng	99
49) Acenaphthylene	9.728	152	1227734	41.052	ng	100
50) Dimethylphthalate	9.592	163	894738	40.791	ng	99
51) 2,6-Dinitrotoluene	9.645	165	190612	42.533	ng	97
52) Acenaphthene	9.898	154	793868	41.420	ng	99
53) 3-Nitroaniline	9.816	138	229309	42.699	ng	96
54) 2,4-Dinitrophenol	9.916	184	51760	47.214	ng	97
55) Dibenzofuran	10.069	168	1120251	40.459	ng	100
56) 4-Nitrophenol	9.969	139	176640	43.018	ng	99
57) 2,4-Dinitrotoluene	10.051	165	243734	43.871	ng	98
58) Fluorene	10.416	166	833143	40.219	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	226620	45.364	ng	98
60) Diethylphthalate	10.292	149	852072	40.737	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	403141	40.344	ng	99
62) 4-Nitroaniline	10.434	138	223846	42.172	ng	97
63) Azobenzene	10.569	77	859828	40.507	ng	100
65) 4,6-Dinitro-2-methylph...	10.457	198	89268	46.111	ng	98
66) n-Nitrosodiphenylamine	10.528	169	772338	41.669	ng	98
67) 4-Bromophenyl-phenylether	10.898	248	261199	41.570	ng	99
68) Hexachlorobenzene	10.957	284	278249	41.455	ng	99
69) Atrazine	11.057	200	205278	40.626	ng	100
70) Pentachlorophenol	11.151	266	176303	43.464	ng	100
71) Phenanthrene	11.381	178	1275237	41.083	ng	100
72) Anthracene	11.433	178	1334972	42.002	ng	99
73) Carbazole	11.586	167	1166611	41.147	ng	99
74) Di-n-butylphthalate	11.928	149	1270800	42.121	ng	100
75) Fluoranthene	12.569	202	1364360	41.779	ng	96
77) Benzidine	12.698	184	334429	41.915	ng	98
78) Pyrene	12.798	202	1396273	40.189	ng	100
80) Butylbenzylphthalate	13.433	149	527819	40.821	ng	93
81) Benzo(a)anthracene	13.998	228	1174552	41.747	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	361506	42.234	ng	98
83) Chrysene	14.033	228	1137694	41.518	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	638862	44.717	ng	# 99
85) Di-n-octyl phthalate	14.621	149	1039273	46.178	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	969236	43.989	ng	100
88) Benzo(b)fluoranthene	15.051	252	960591	41.539	ng	98
89) Benzo(k)fluoranthene	15.086	252	921657	40.581	ng	99
90) Benzo(a)pyrene	15.427	252	879457	41.264	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	800868	42.494	ng	99
92) Benzo(g,h,i)perylene	17.457	276	827549	39.354	ng	99

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

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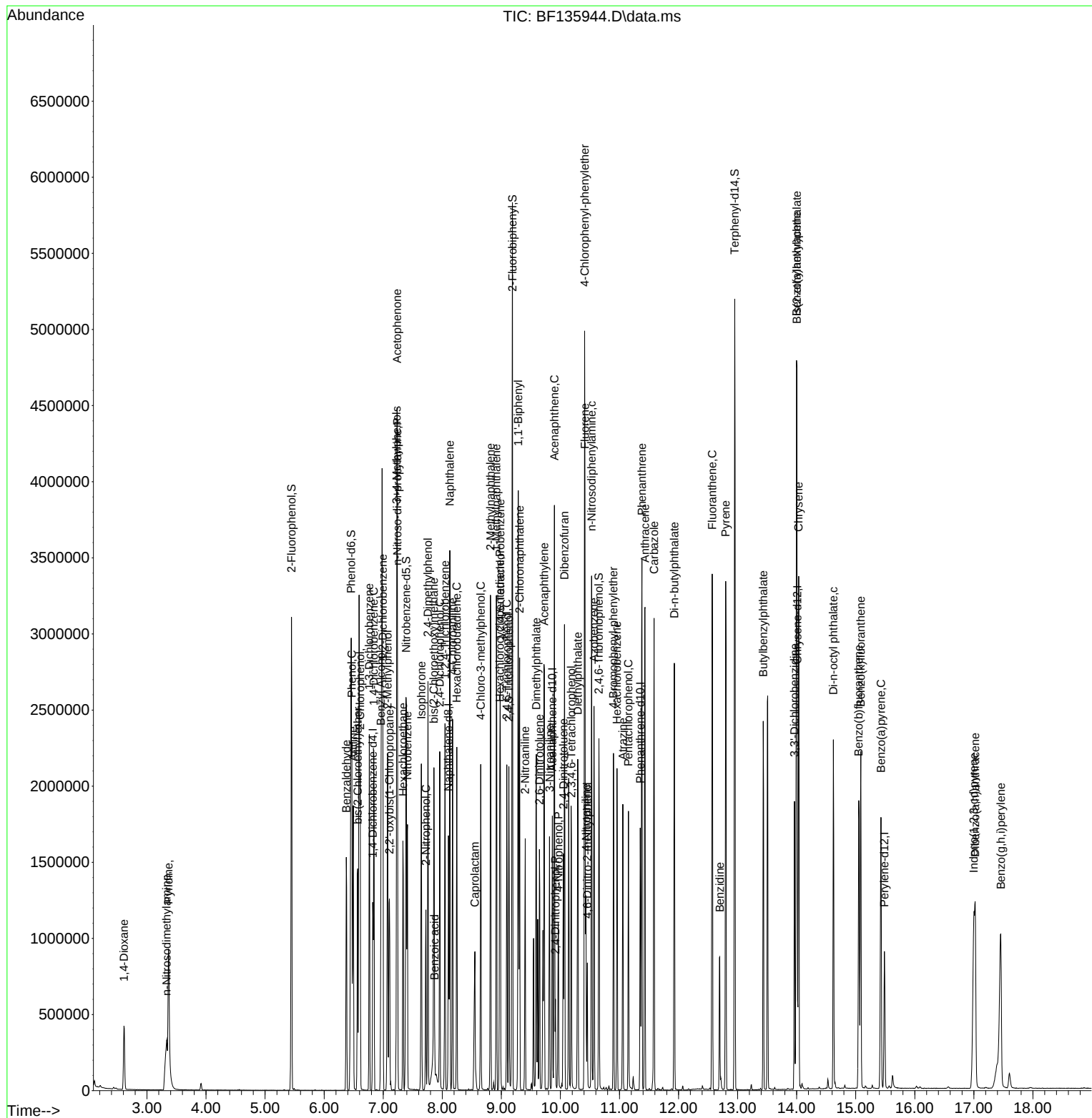
Quant Time: Oct 26 03:58:54 2023

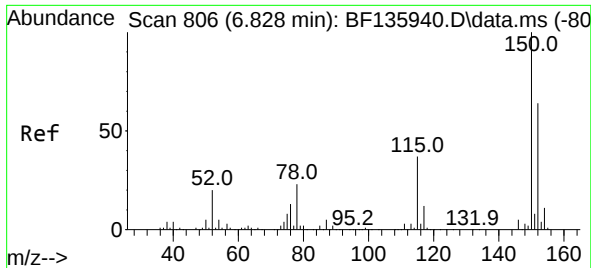
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M

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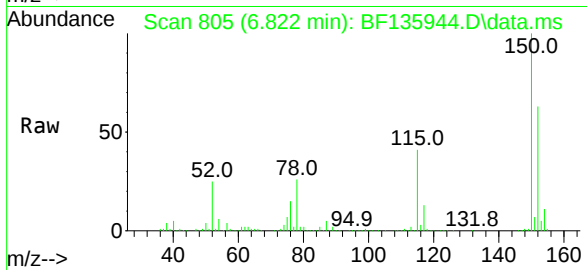
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

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ClientSampleId :

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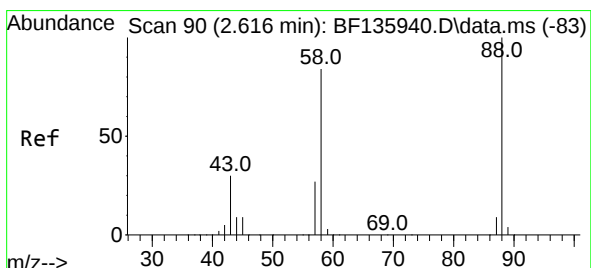
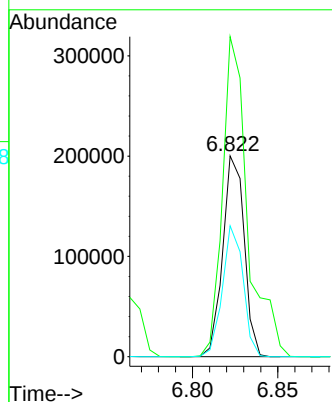
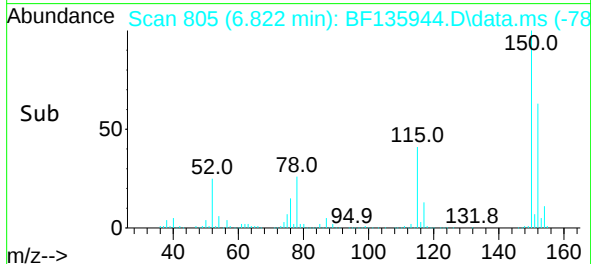


Tgt Ion:152 Resp: 17560
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 65.1 46.6 69.8

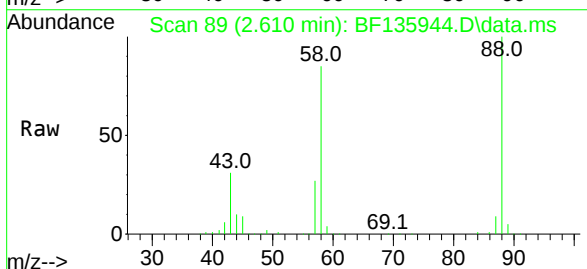
Manual Integrations

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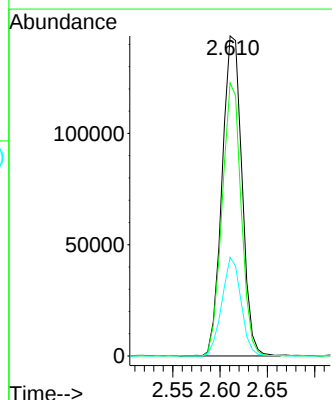
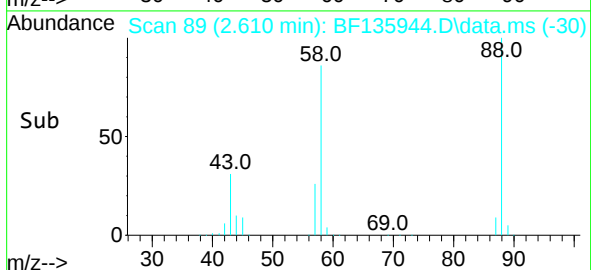
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

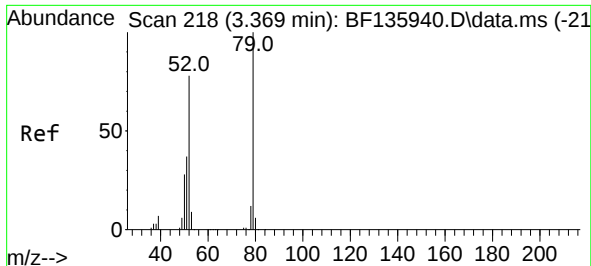


#2
1,4-Dioxane
Concen: 39.776 ng
RT: 2.610 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49



Tgt Ion: 88 Resp: 210122
Ion Ratio Lower Upper
88 100
58 82.1 66.6 100.0
43 29.9 23.8 35.8





#3

Pyridine

Concen: 40.156 ng

RT: 3.363 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF135944.D

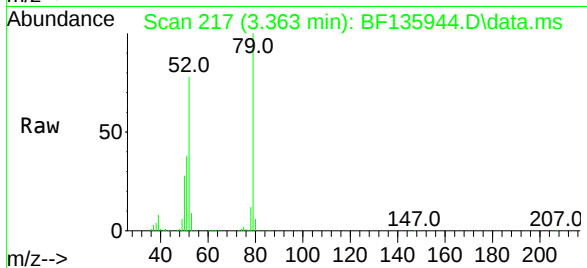
Acq: 25 Oct 2023 16:49

Instrument :

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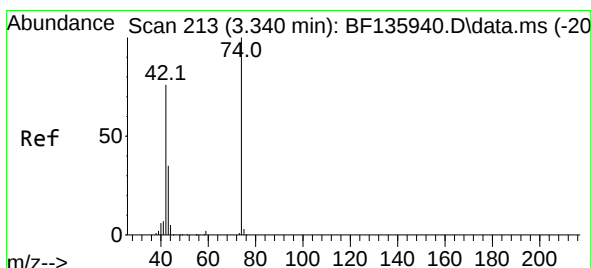
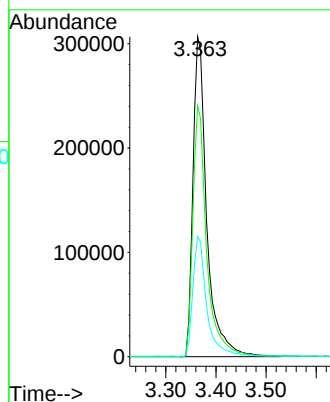
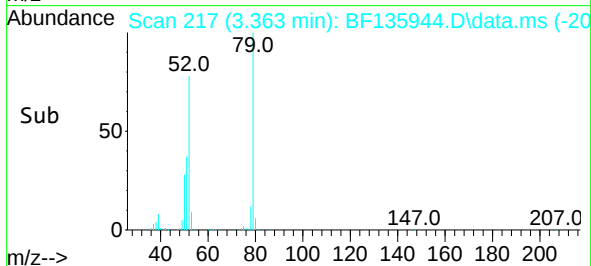
Tgt Ion:	79	Resp:	585508
Ion	Ratio	Lower	Upper
79	100		
52	78.4	62.6	93.8
51	37.6	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 40.036 ng

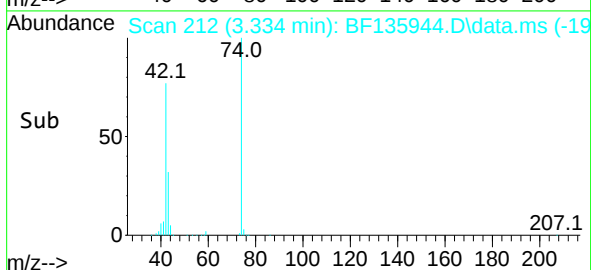
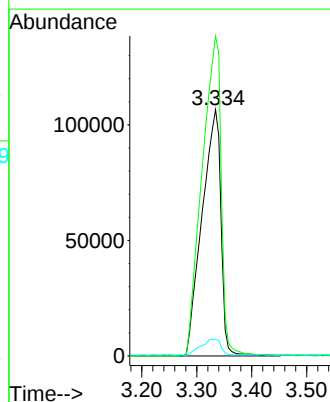
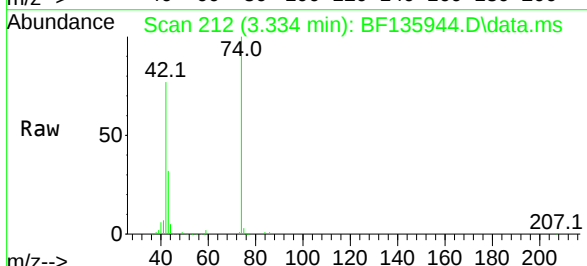
RT: 3.334 min Scan# 212

Delta R.T. -0.006 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Tgt Ion:	42	Resp:	254538
Ion	Ratio	Lower	Upper
42	100		
74	129.9	104.8	157.2
44	6.8	5.9	8.9





#5
2-Fluorophenol
Concen: 80.256 ng
RT: 5.446 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

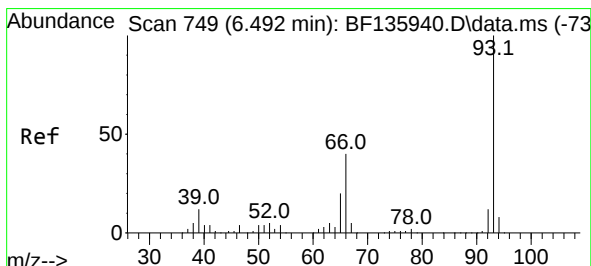
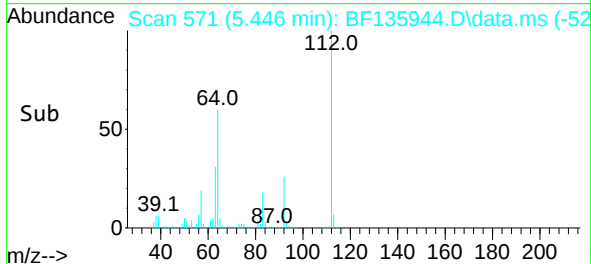
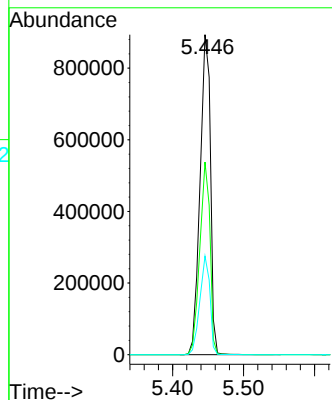
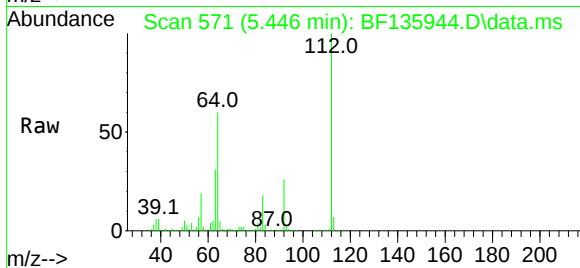
ICVBF102523

Tgt Ion:112 Resp: 91268
Ion Ratio Lower Upper
112 100
64 60.2 45.1 67.7
63 30.8 23.0 34.4

Manual Integrations

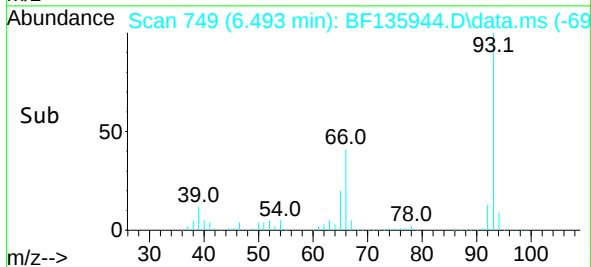
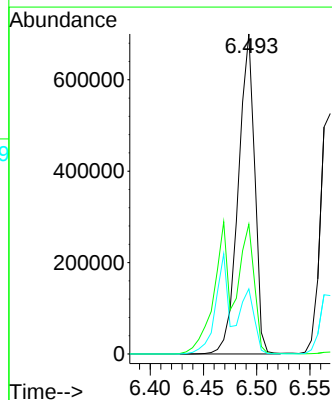
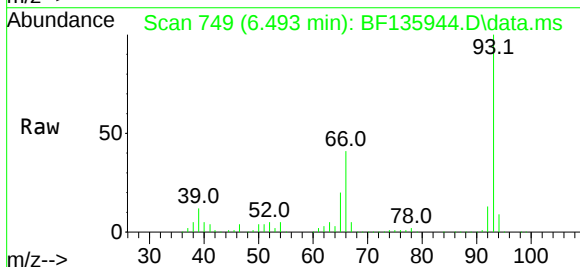
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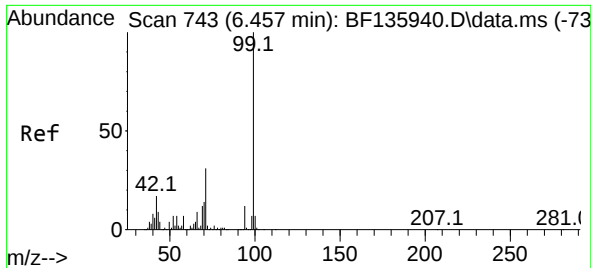
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#6
Aniline
Concen: 39.446 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Tgt Ion: 93 Resp: 751983
Ion Ratio Lower Upper
93 100
66 40.5 32.0 48.0
65 20.3 16.2 24.4





#7

Phenol-d6

Concen: 79.836 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

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Tgt Ion: 99 Resp: 1130310

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

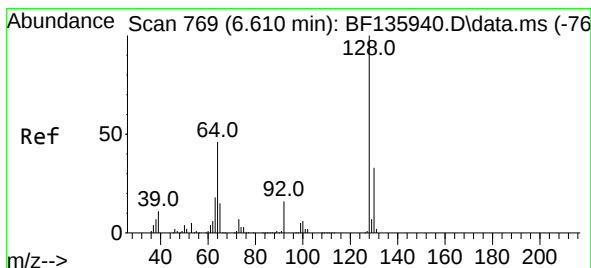
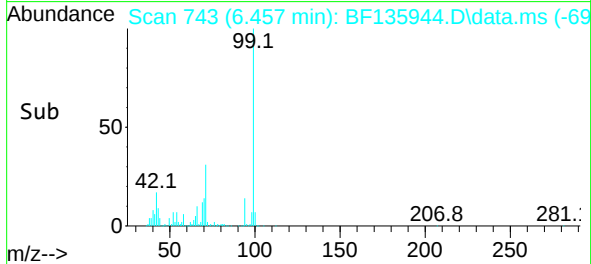
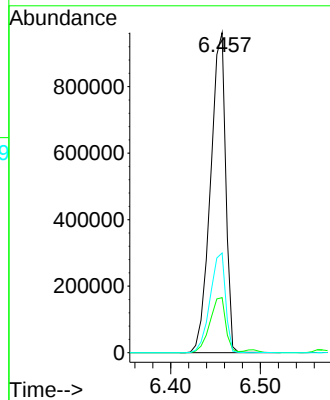
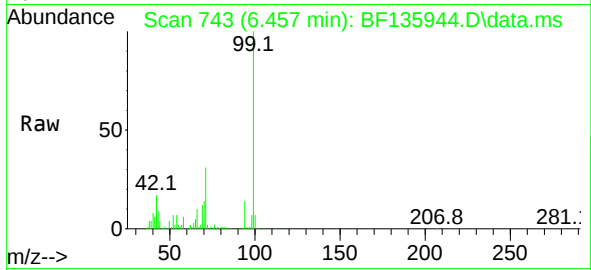
71 31.1 25.1 37.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.016 ng

RT: 6.610 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

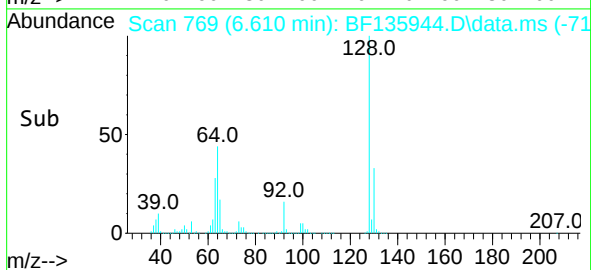
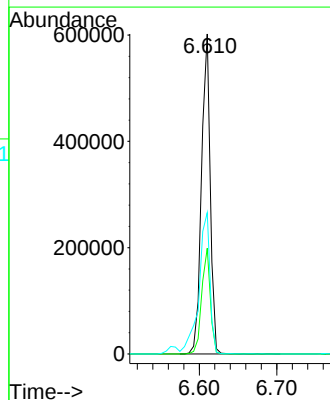
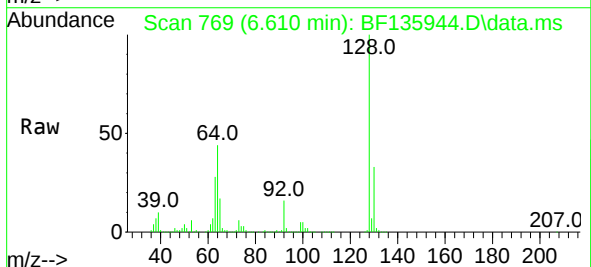
Tgt Ion:128 Resp: 471098

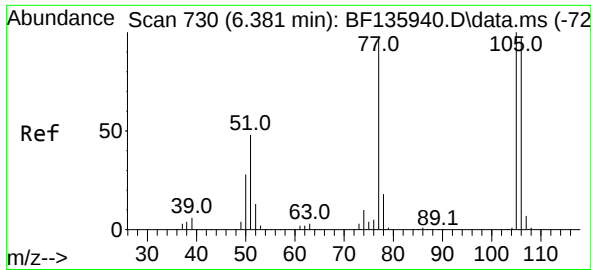
Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

64 44.2 27.0 67.0





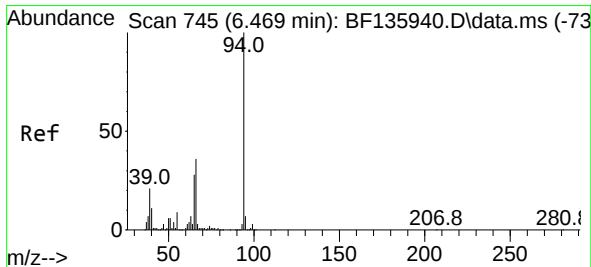
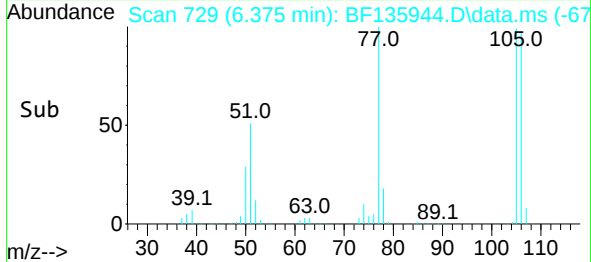
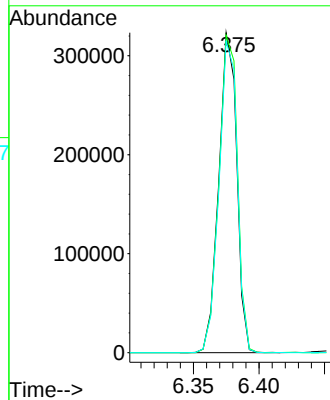
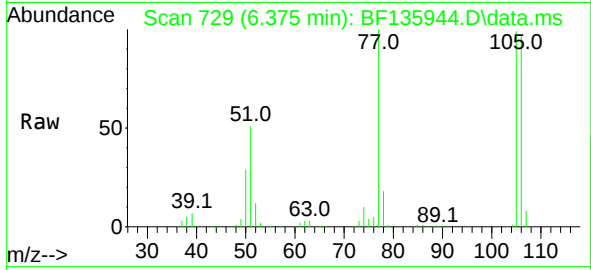
#9
Benzaldehyde
Concen: 40.222 ng
RT: 6.375 min Scan# 710
Delta R.T. -0.006 min
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Tgt Ion: 77 Resp: 308049
Ion Ratio Lower Upper
77 100
105 99.2 83.2 123.2
106 97.4 80.0 120.0

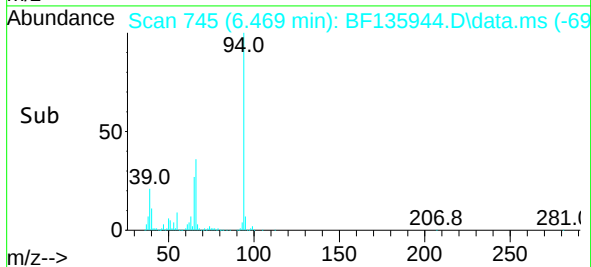
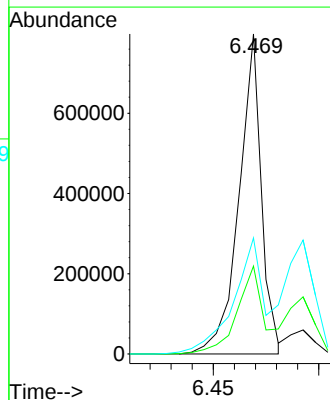
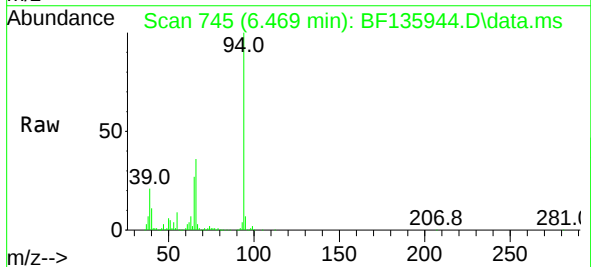
Manual Integrations
APPROVED

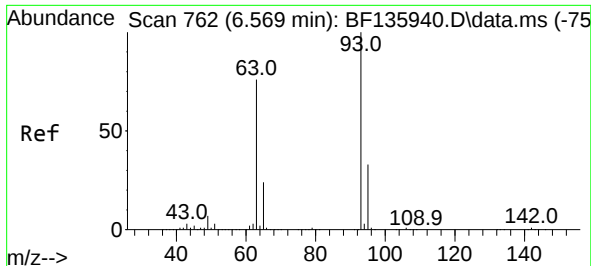
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#10
Phenol
Concen: 39.816 ng m
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Tgt Ion: 94 Resp: 589325
Ion Ratio Lower Upper
94 100
65 27.5 7.8 47.8
66 36.3 16.5 56.5





#11
bis(2-Chloroethyl)ether
Concen: 39.266 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

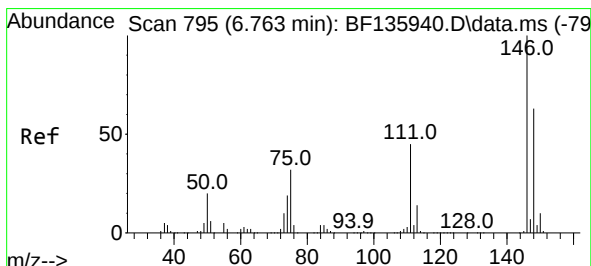
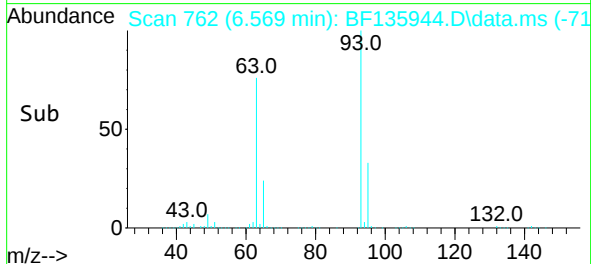
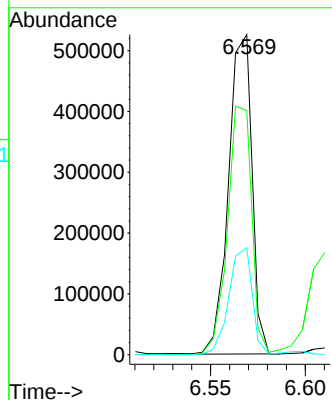
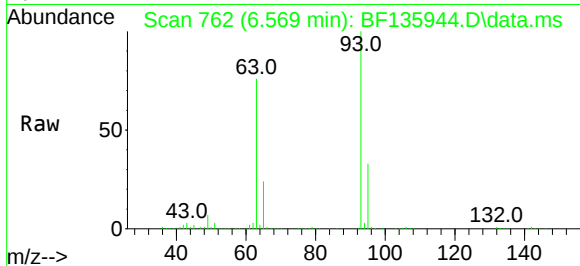
ClientSampleId :

ICVBF102523

Tgt Ion: 93 Resp: 452378
Ion Ratio Lower Upper
93 100
63 76.3 56.2 96.2
95 33.4 12.9 52.9

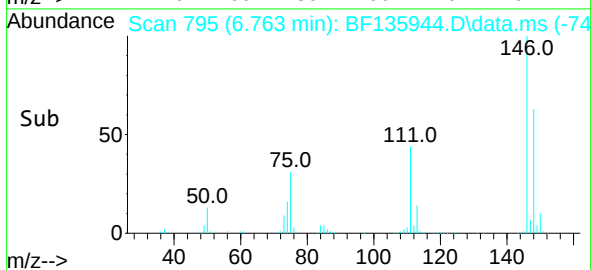
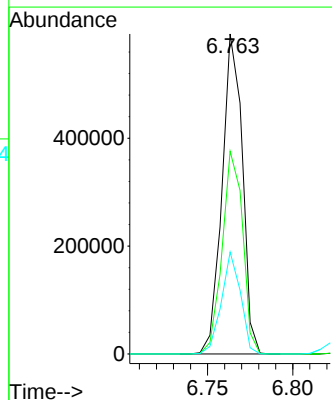
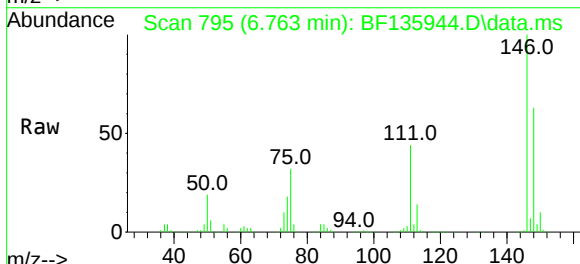
Manual Integrations
APPROVED

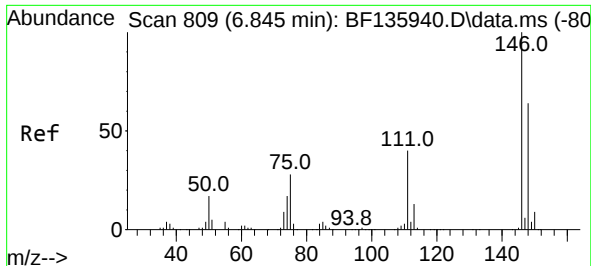
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#12
1,3-Dichlorobenzene
Concen: 39.281 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Tgt Ion:146 Resp: 491200
Ion Ratio Lower Upper
146 100
148 63.4 50.2 75.4
75 31.9 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 39.280 ng

RT: 6.840 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523

Tgt Ion:146 Resp: 493319

Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

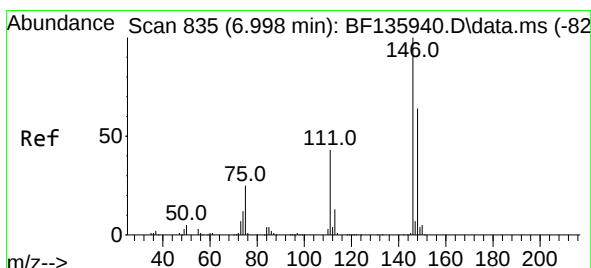
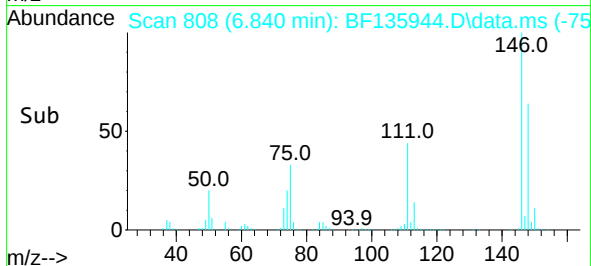
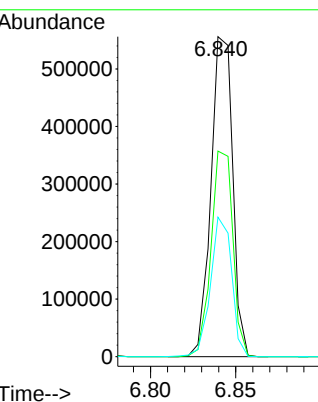
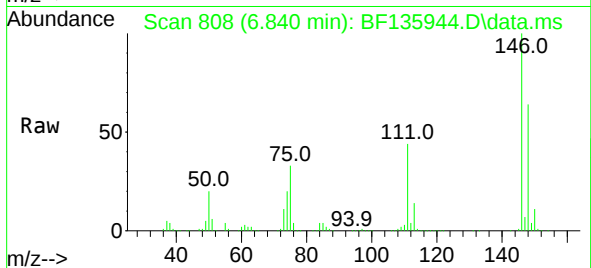
111 43.6 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#14

1,2-Dichlorobenzene

Concen: 39.482 ng

RT: 6.993 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

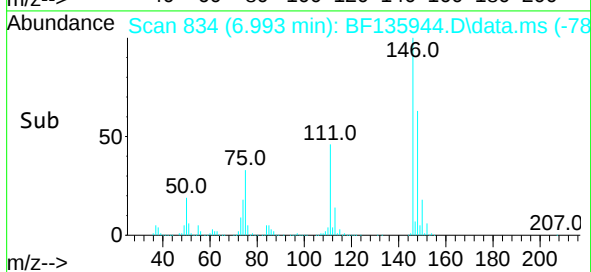
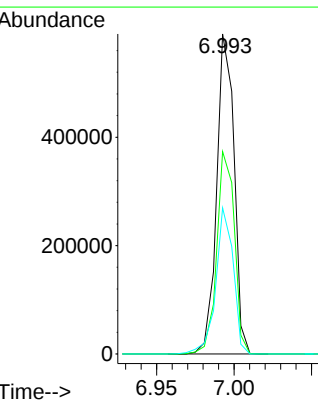
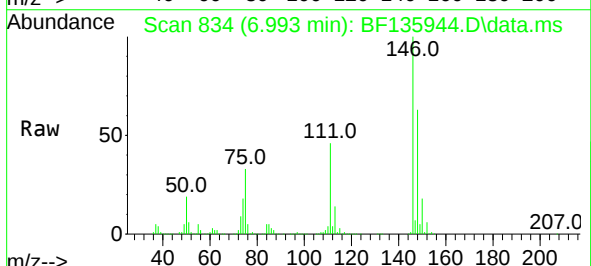
Tgt Ion:146 Resp: 460456

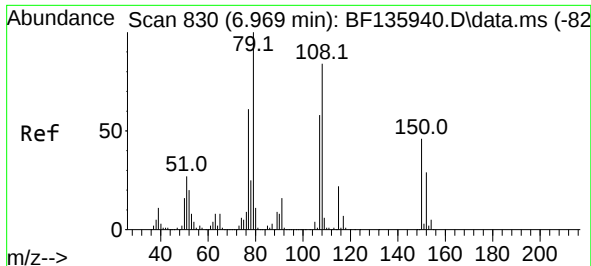
Ion Ratio Lower Upper

146 100

148 63.2 51.4 77.0

111 45.6 34.2 51.4





#15
Benzyl Alcohol
Concen: 40.546 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

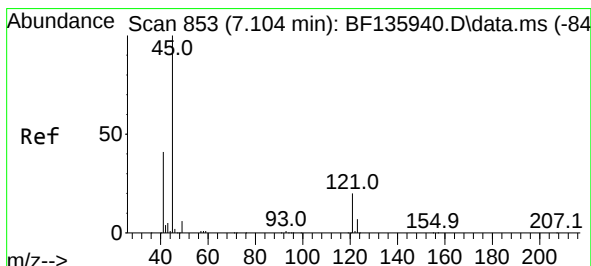
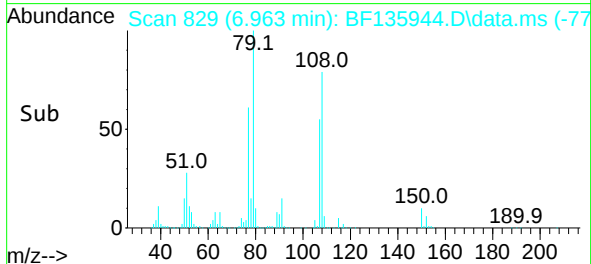
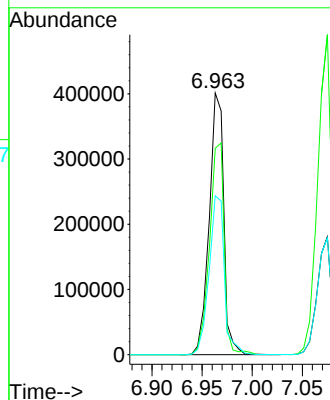
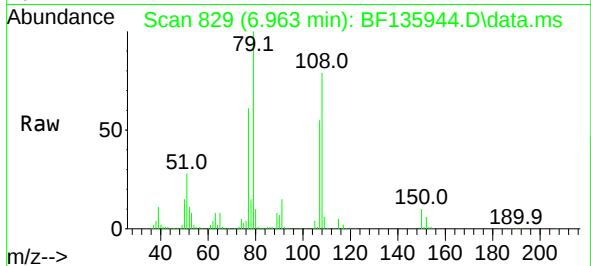
ClientSampleId :

ICVBF102523

Tgt Ion: 79 Resp: 40580
Ion Ratio Lower Upper
79 100
108 78.9 67.2 100.8
77 60.7 49.0 73.6

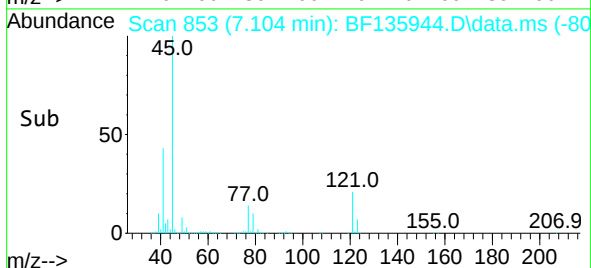
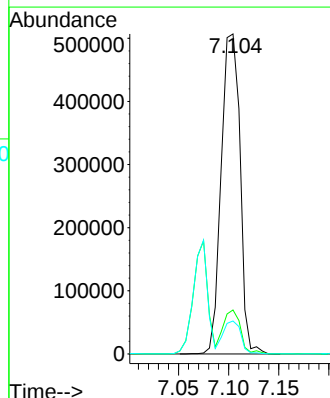
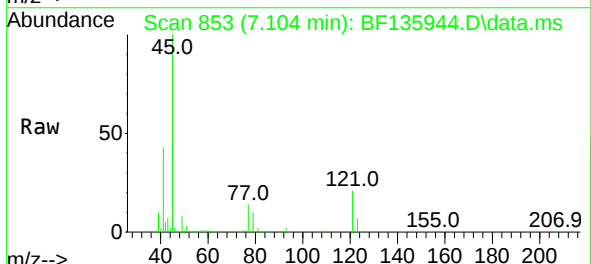
Manual Integrations
APPROVED

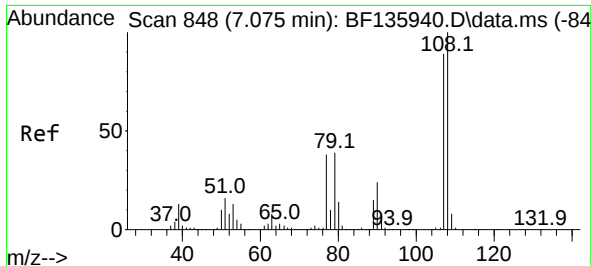
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.933 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Tgt Ion: 45 Resp: 660551
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.2
79 10.3 0.0 29.8





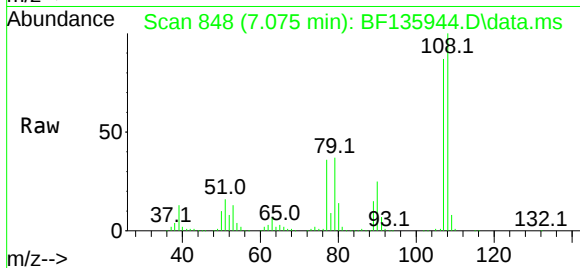
#17
2-Methylphenol
Concen: 39.511 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523

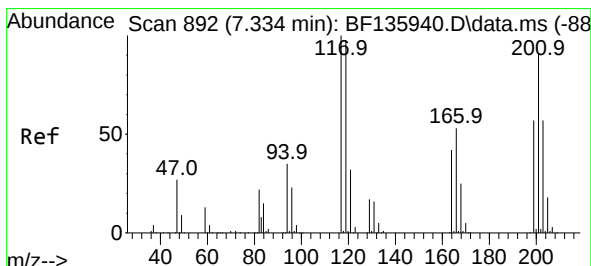
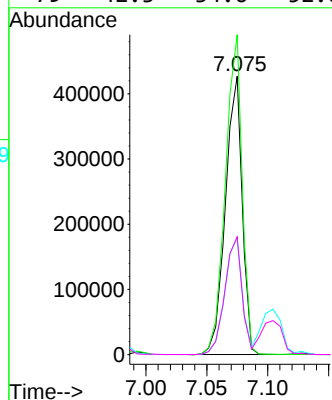


Tgt Ion:107 Resp: 40997
Ion Ratio Lower Upper
107 100
108 114.9 89.8 134.6
77 41.9 34.2 51.2
79 42.3 34.6 52.0

Manual Integrations

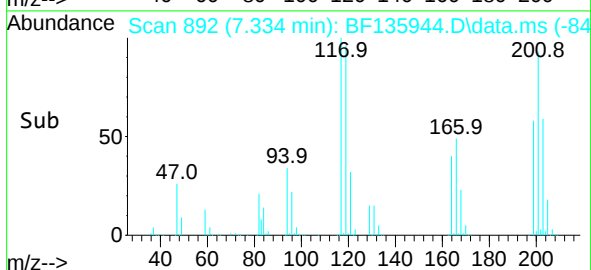
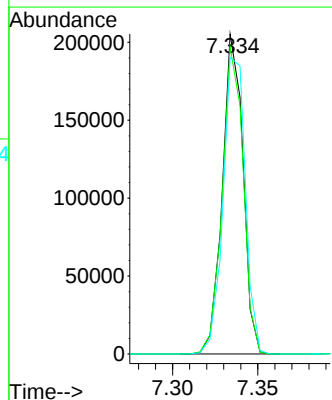
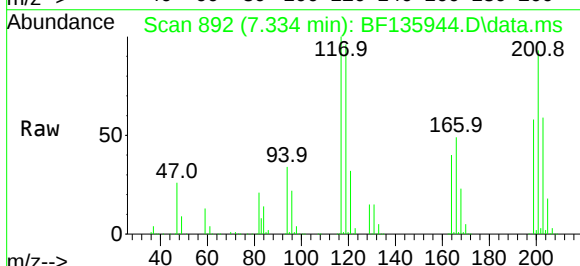
APPROVED

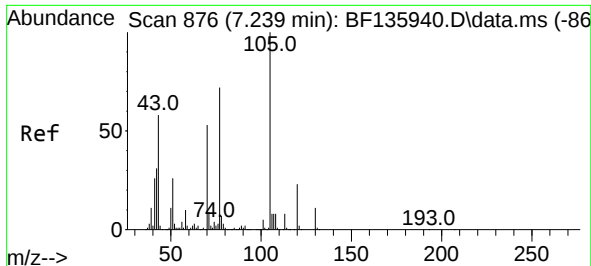
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#18
Hexachloroethane
Concen: 40.420 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Tgt Ion:117 Resp: 172610
Ion Ratio Lower Upper
117 100
119 95.9 77.3 115.9
201 92.6 72.8 109.2





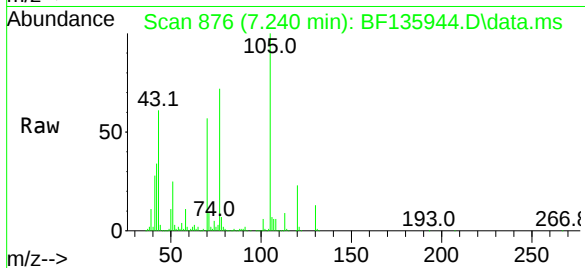
#19
n-Nitroso-di-n-propylamine
Concen: 39.517 ng
RT: 7.240 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523

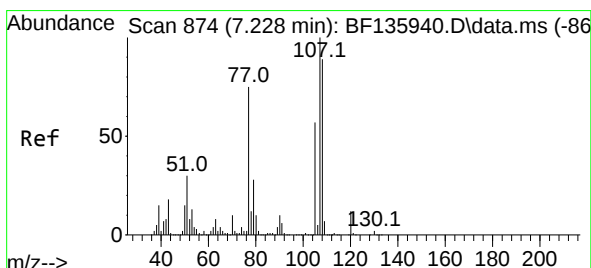
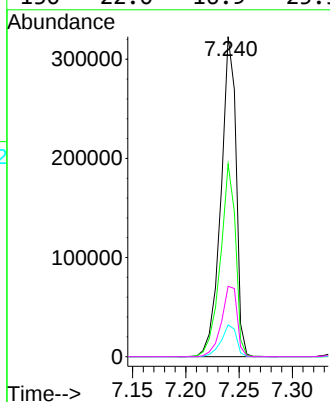
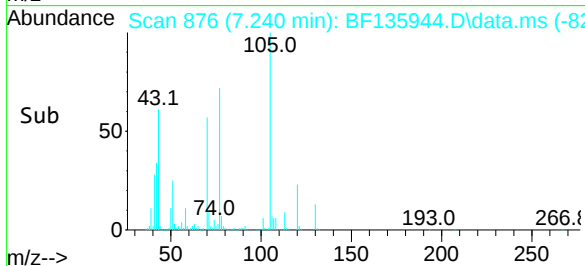


Tgt Ion: 70 Resp: 31815
Ion Ratio Lower Upper
70 100
42 60.2 47.3 70.9
101 9.9 7.8 11.8
130 22.0 16.9 25.3

Manual Integrations

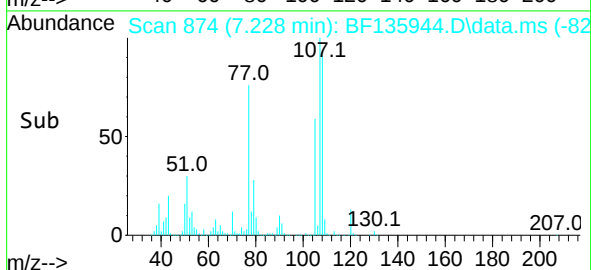
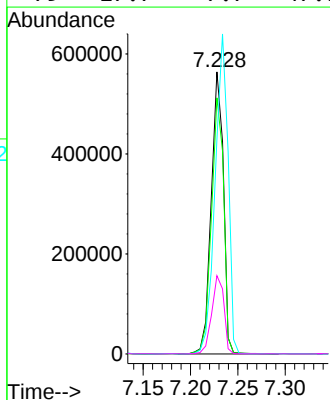
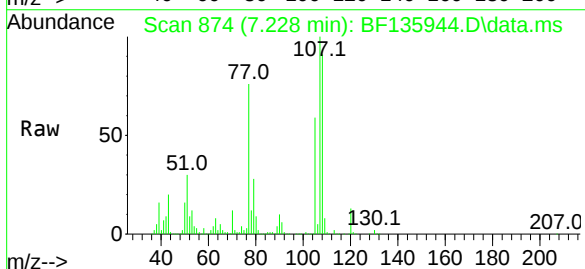
APPROVED

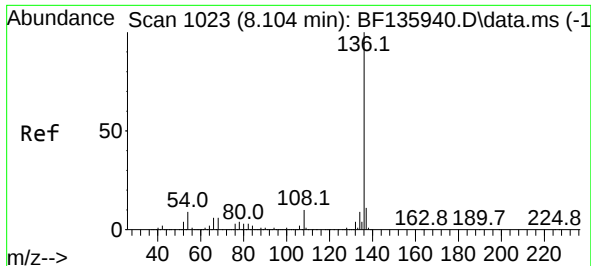
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#20
3+4-Methylphenols
Concen: 40.048 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Tgt Ion:107 Resp: 501515
Ion Ratio Lower Upper
107 100
108 90.8 69.1 109.1
77 76.1 55.0 95.0
79 27.7 7.7 47.7





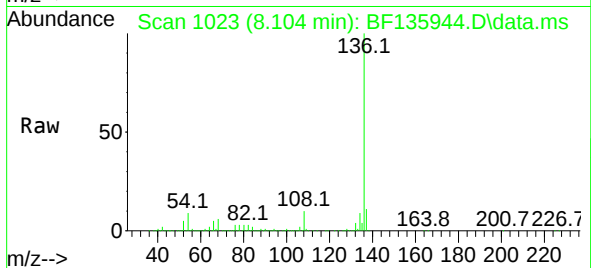
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523



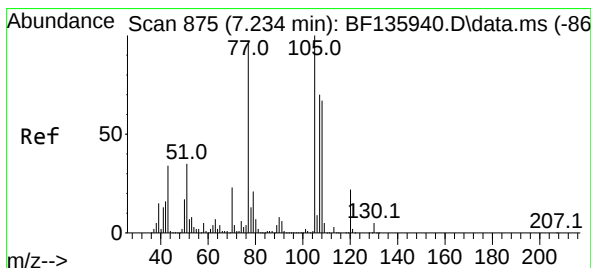
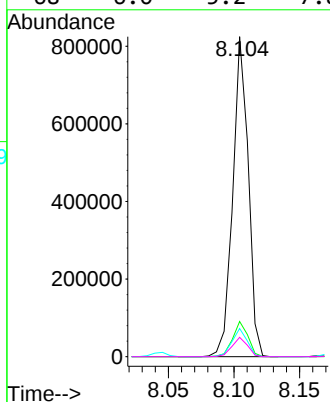
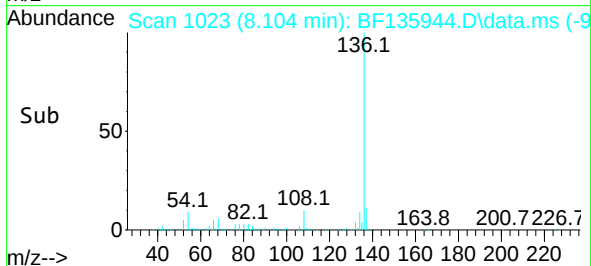
Tgt Ion:136 Resp: 677904
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.8 7.1 10.7
68 6.0 5.2 7.8

Manual Integrations

APPROVED

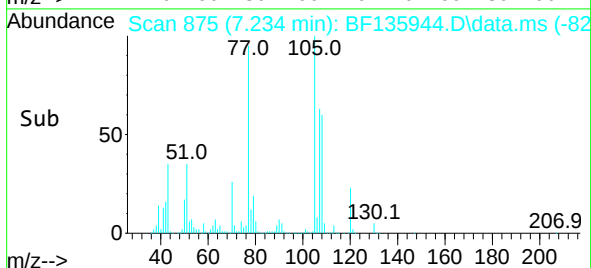
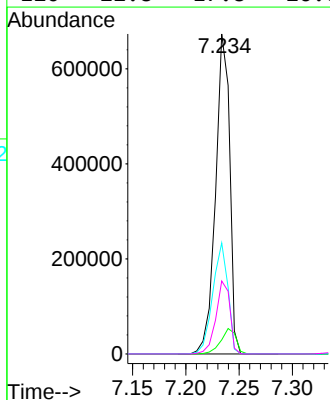
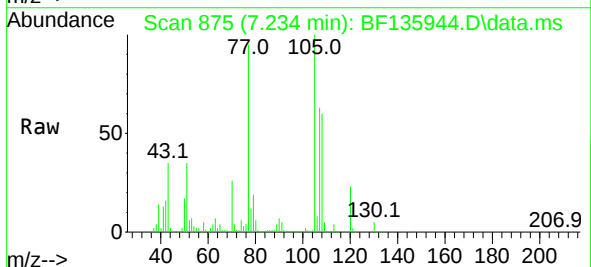
Reviewed By :Yogesh Patel 10/26/2023

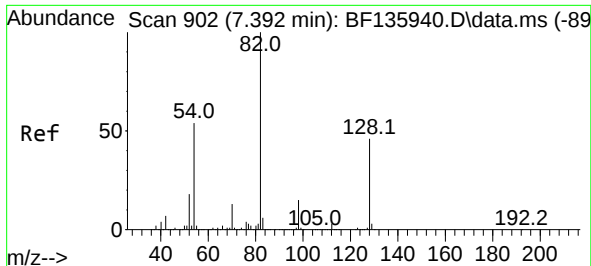
Supervised By :mohammad ahmed 10/26/2023



#22
Acetophenone
Concen: 40.304 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Tgt Ion:105 Resp: 617092
Ion Ratio Lower Upper
105 100
71 4.4 3.4 5.2
51 34.7 28.4 42.6
120 22.8 17.8 26.6





#23

Nitrobenzene-d5

Concen: 86.425 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.005 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523

Tgt Ion: 82 Resp: 909200

Ion Ratio Lower Upper

82 100

128 43.6 36.8 55.2

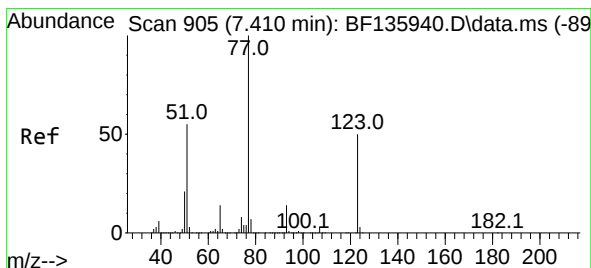
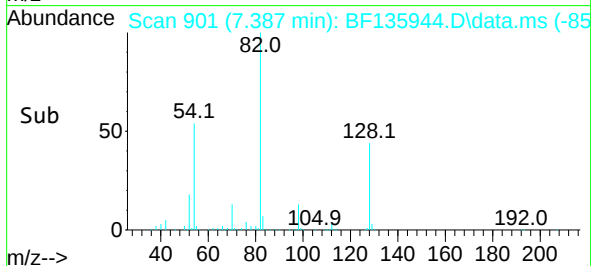
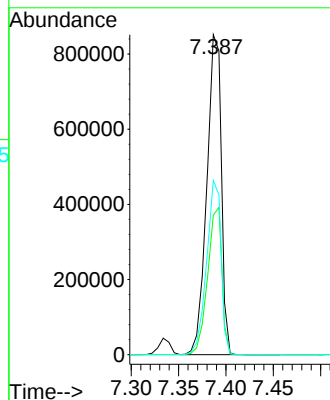
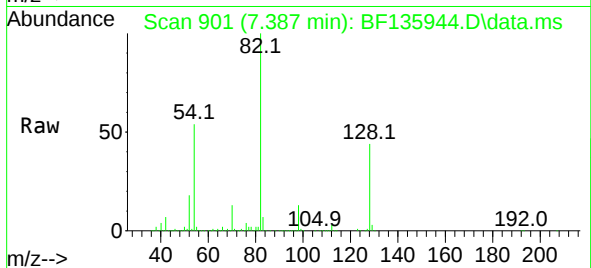
54 54.5 43.4 65.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#24

Nitrobenzene

Concen: 42.398 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

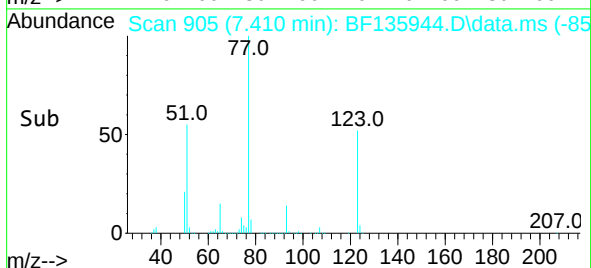
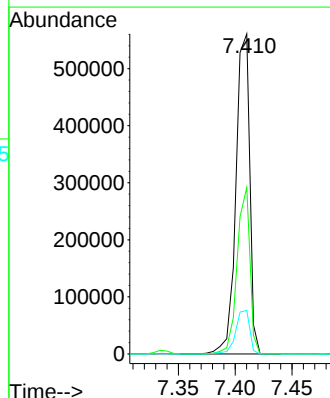
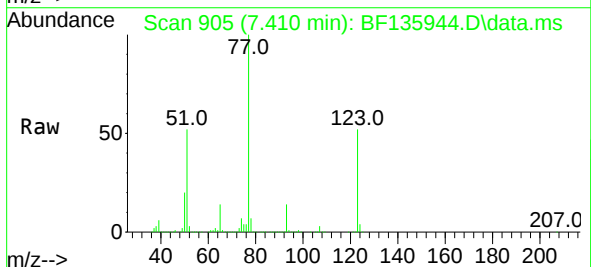
Tgt Ion: 77 Resp: 472406

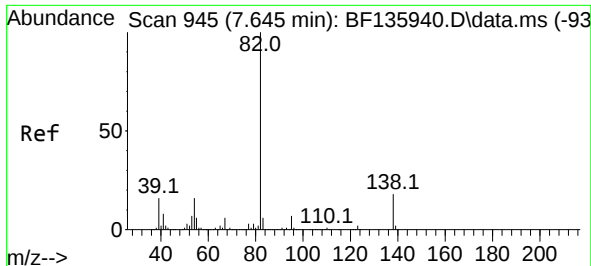
Ion Ratio Lower Upper

77 100

123 52.0 40.2 60.2

65 13.6 11.0 16.4





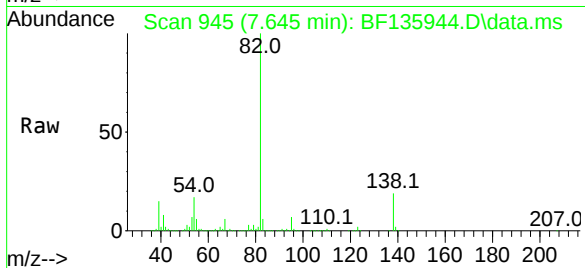
#25
Isophorone
Concen: 40.249 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

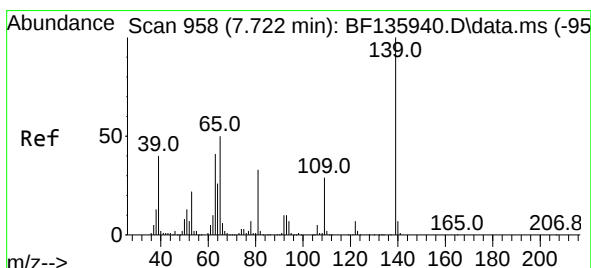
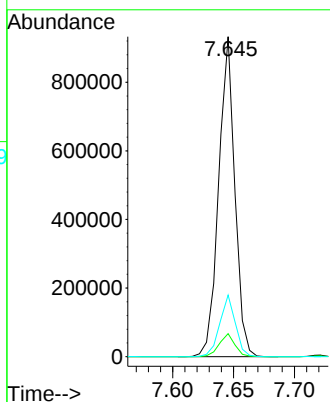
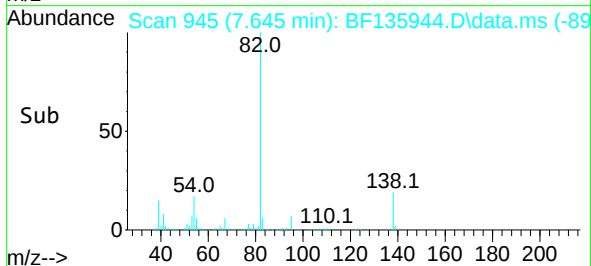
ICVBF102523



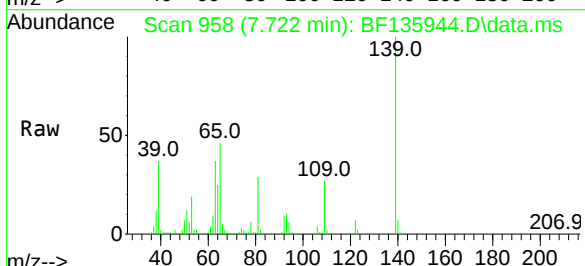
Tgt Ion: 82 Resp: 862463
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.3 14.8 22.2

Manual Integrations
APPROVED

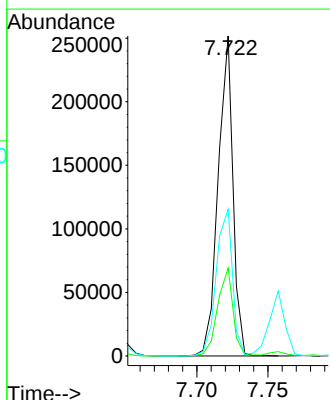
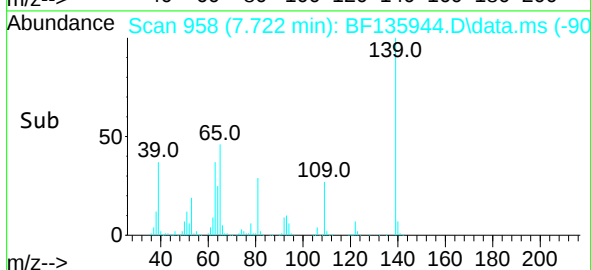
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

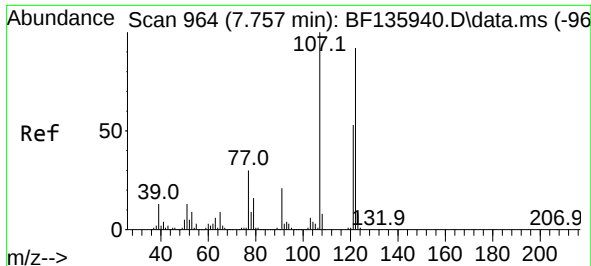


#26
2-Nitrophenol
Concen: 47.175 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49



Tgt Ion:139 Resp: 181999
Ion Ratio Lower Upper
139 100
109 27.5 23.1 34.7
65 45.9 39.8 59.8





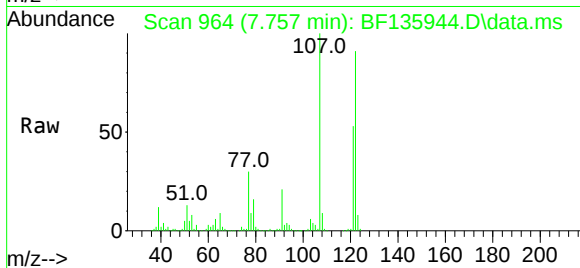
#27
2,4-Dimethylphenol
Concen: 41.080 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523

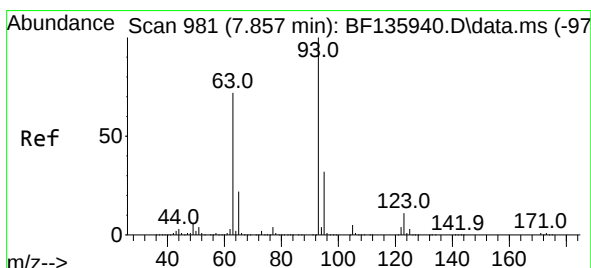
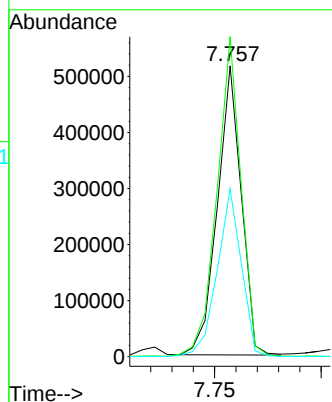
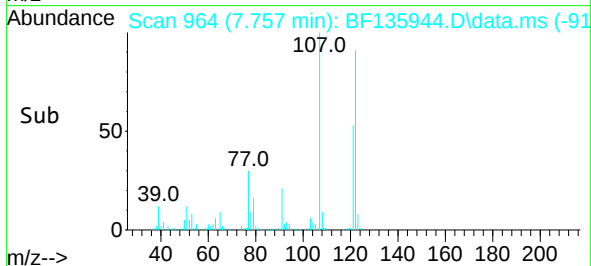


Tgt Ion:122 Resp: 401192
Ion Ratio Lower Upper
122 100
107 110.0 87.1 130.7
121 57.7 45.9 68.9

Manual Integrations

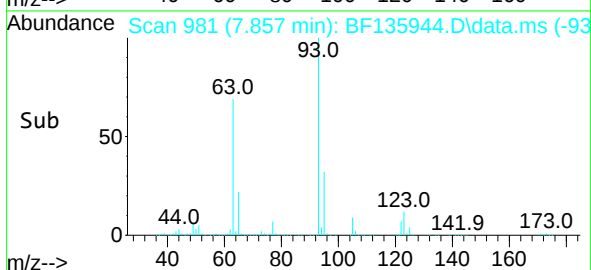
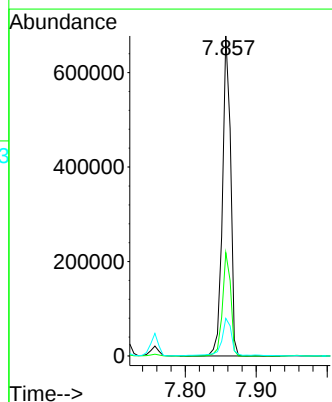
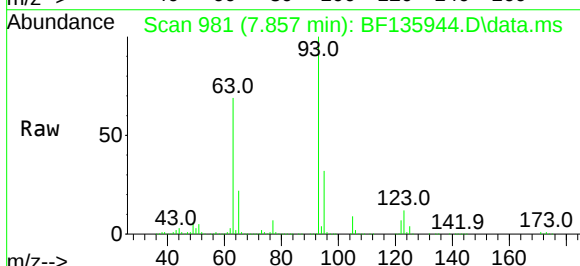
APPROVED

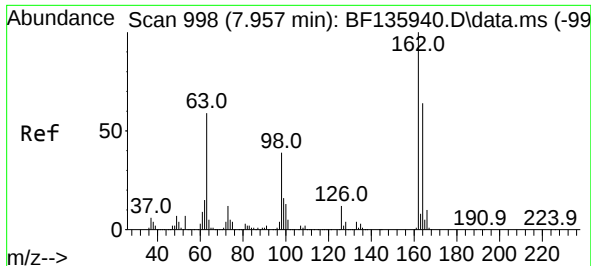
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.629 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Tgt Ion: 93 Resp: 534612
Ion Ratio Lower Upper
93 100
95 32.3 25.9 38.9
123 11.7 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 43.092 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

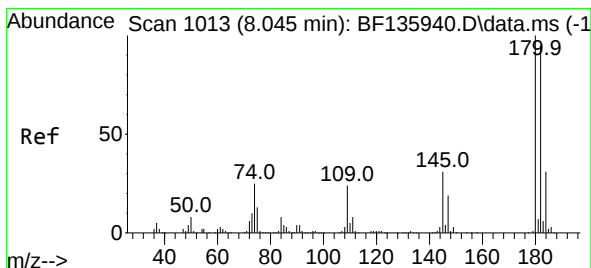
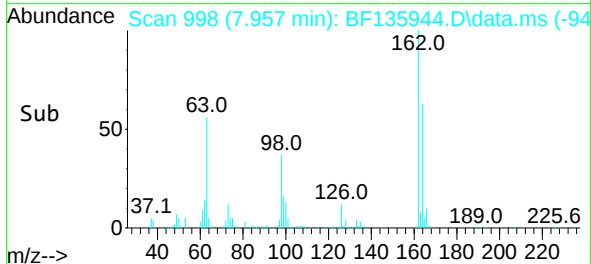
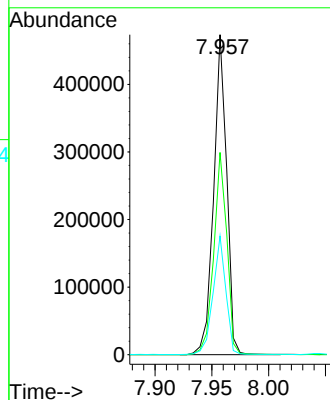
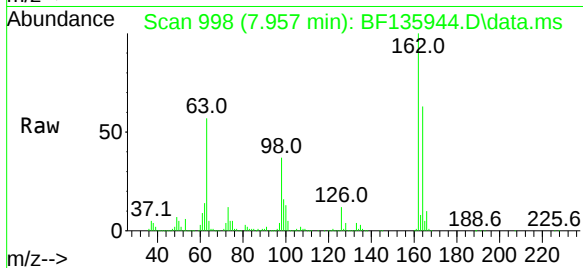
ICVBF102523

Tgt Ion:162 Resp: 376854
 Ion Ratio Lower Upper
 162 100
 164 63.2 43.7 83.7
 98 37.1 18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.890 ng

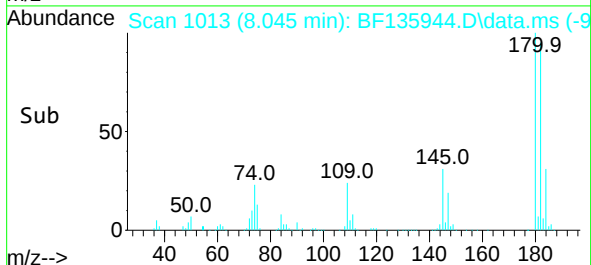
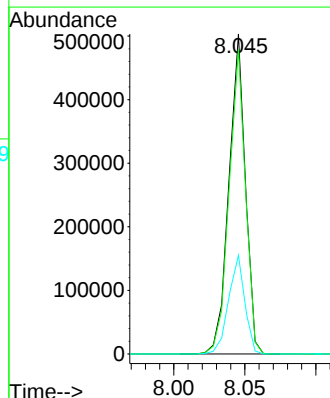
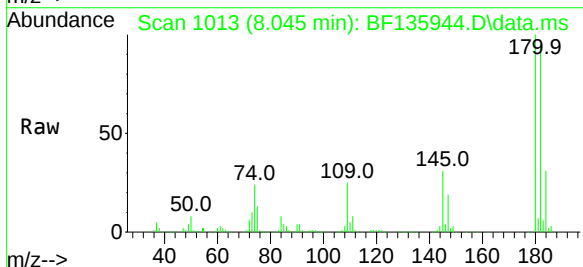
RT: 8.045 min Scan# 1013

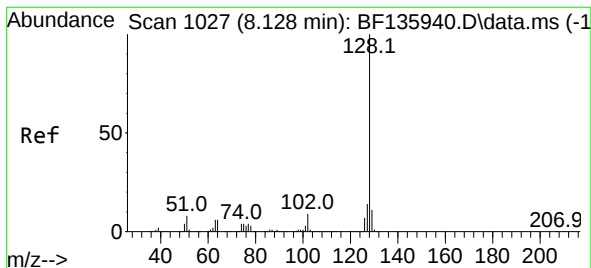
Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Tgt Ion:180 Resp: 404877
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.0 114.0
 145 30.8 24.6 36.8





#31

Naphthalene

Concen: 40.787 ng

RT: 8.128 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF135944.D

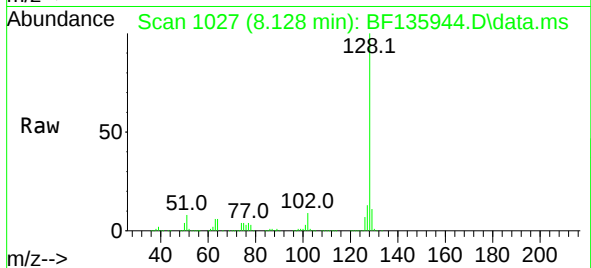
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523



Tgt Ion:128 Resp: 1336810

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

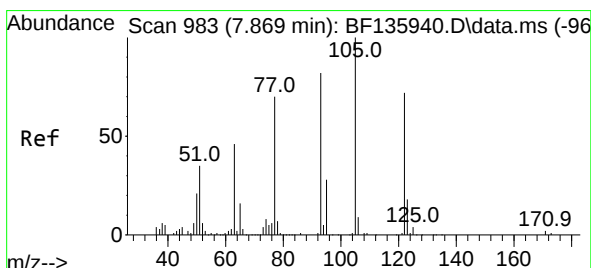
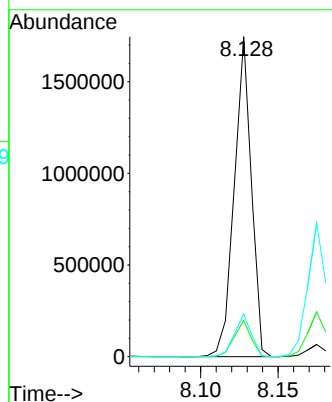
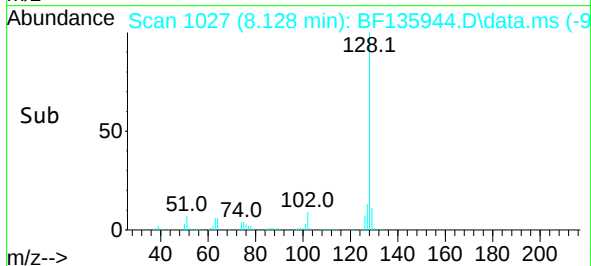
127 13.4 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#32

Benzoic acid

Concen: 47.600 ng

RT: 7.869 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

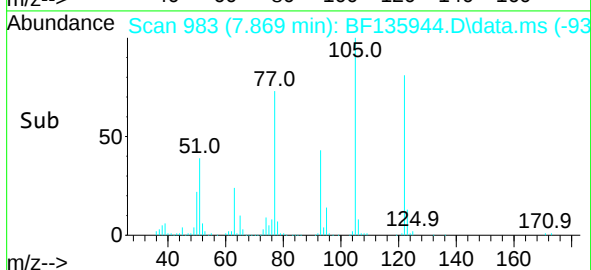
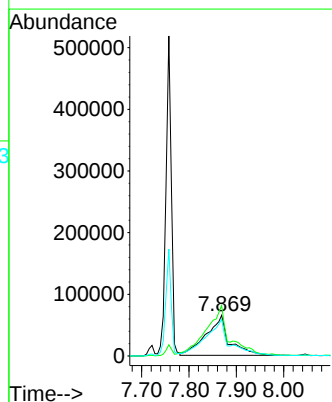
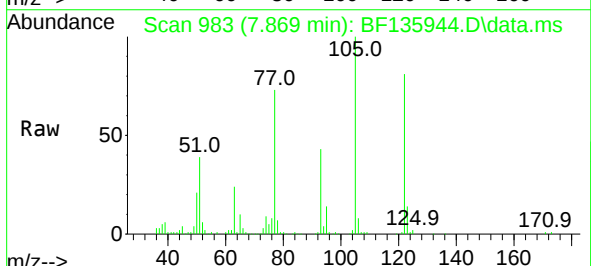
Tgt Ion:122 Resp: 221113

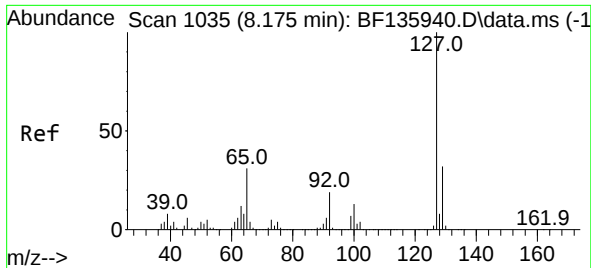
Ion Ratio Lower Upper

122 100

105 124.0 113.1 153.1

77 90.1 75.2 115.2





#33
4-Chloroaniline
Concen: 39.986 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

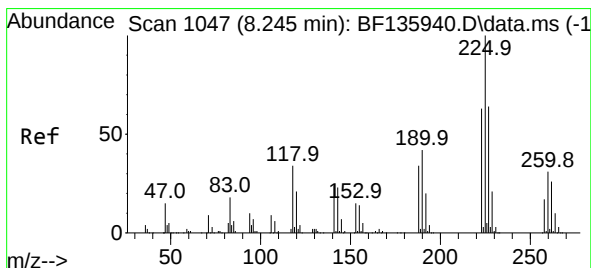
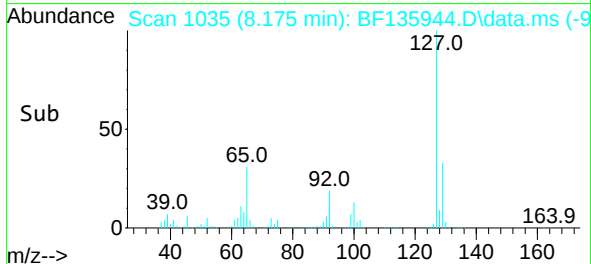
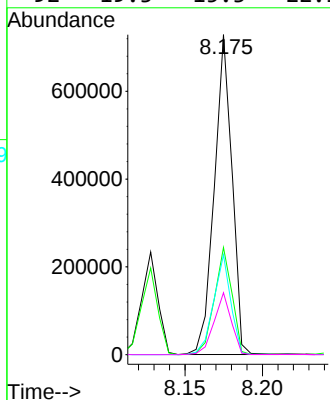
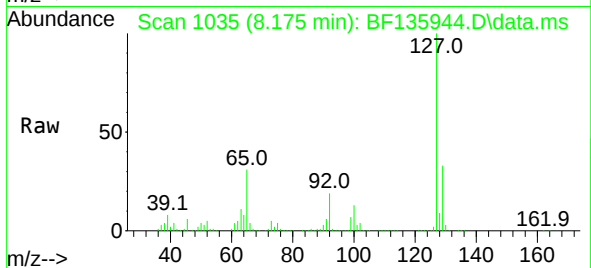
ClientSampleId :

ICVBF102523

Tgt Ion:127 Resp: 57924
Ion Ratio Lower Upper
127 100
129 33.5 25.7 38.5
65 31.2 24.8 37.2
92 19.3 15.3 22.9

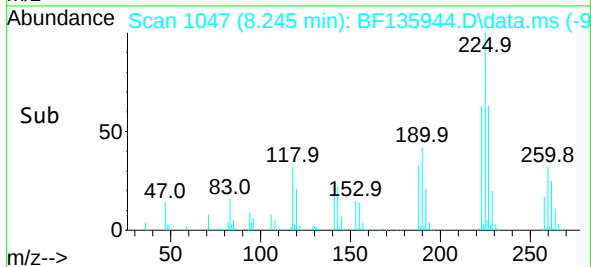
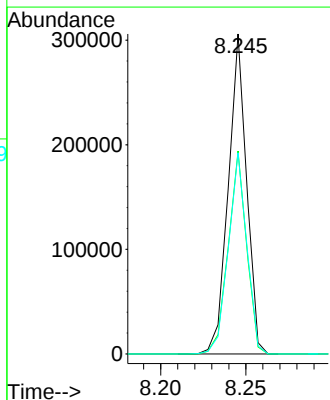
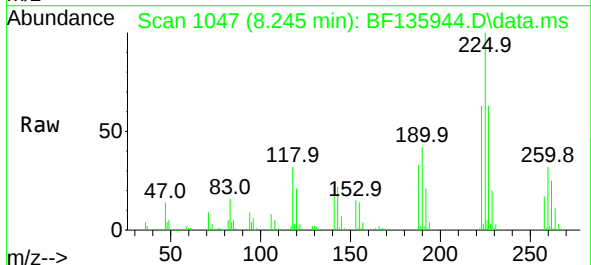
Manual Integrations
APPROVED

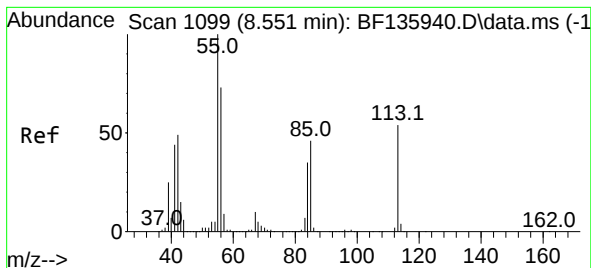
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#34
Hexachlorobutadiene
Concen: 40.983 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Tgt Ion:225 Resp: 228726
Ion Ratio Lower Upper
225 100
223 63.4 50.6 75.8
227 62.9 50.9 76.3





#35

Caprolactam

Concen: 42.877 ng

RT: 8.551 min Scan# 1099

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523

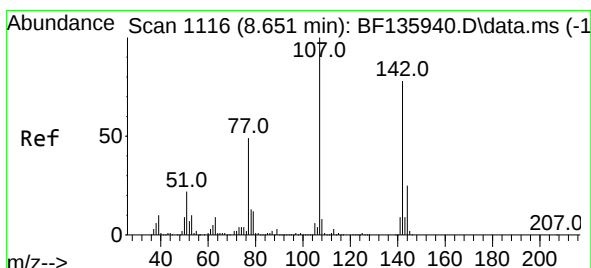
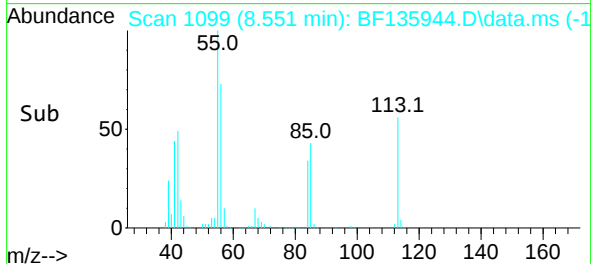
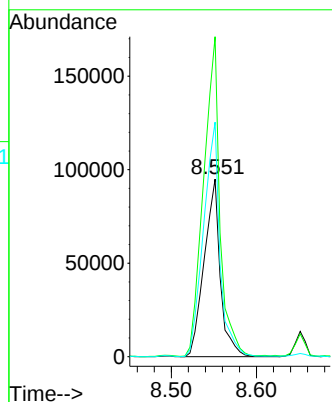
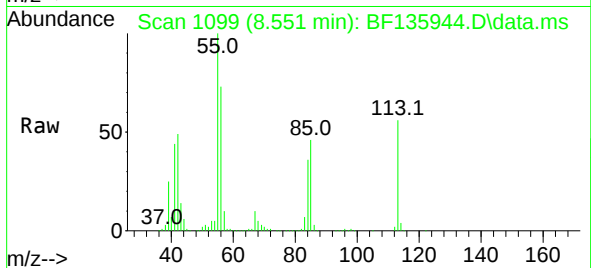
Tgt Ion:	113	Resp:	12478
Ion Ratio	Lower	Upper	
113	100		
55	180.2	165.4	205.4
56	132.1	115.2	155.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#36

4-Chloro-3-methylphenol

Concen: 42.006 ng

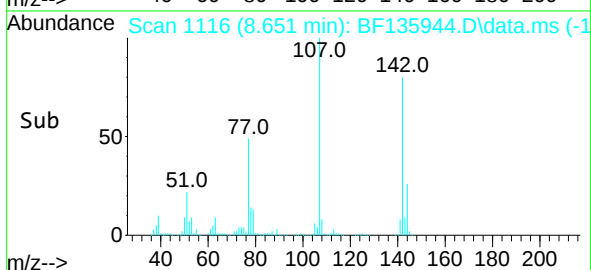
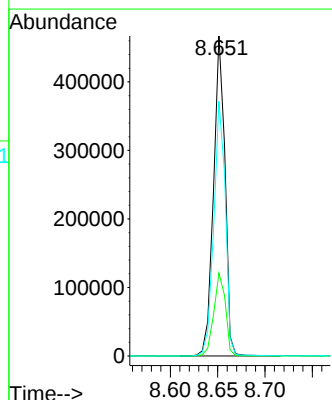
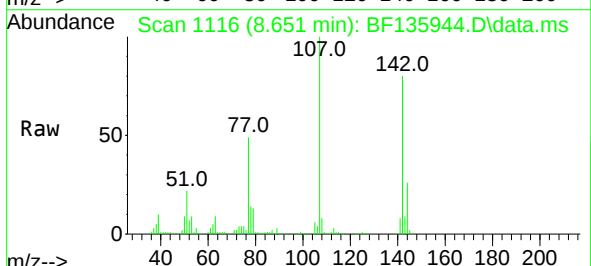
RT: 8.651 min Scan# 1116

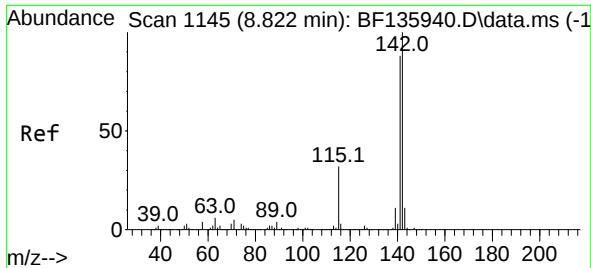
Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Tgt Ion:	107	Resp:	390391
Ion Ratio	Lower	Upper	
107	100		
144	25.9	19.9	29.9
142	79.6	62.8	94.2





#37
2-Methylnaphthalene
Concen: 40.255 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

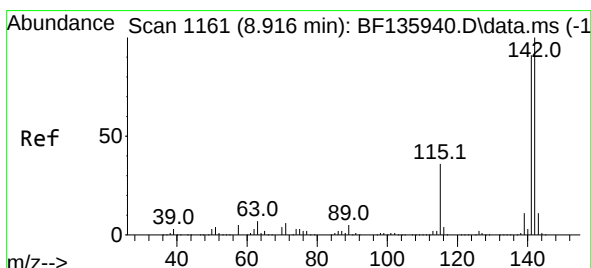
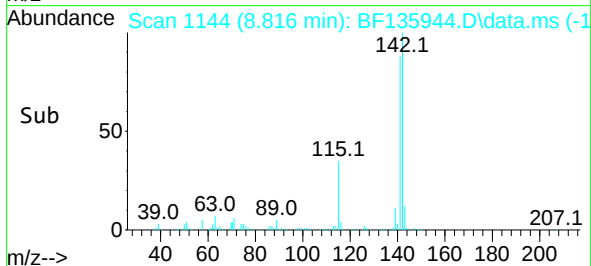
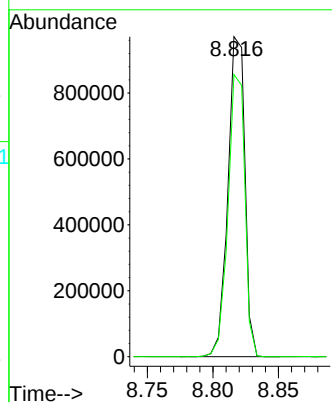
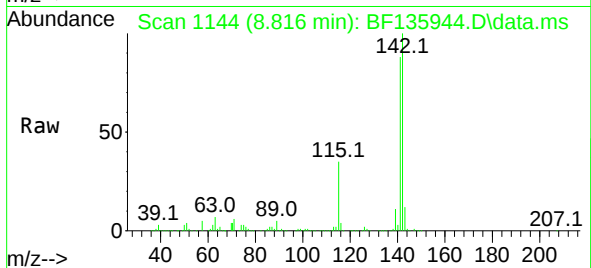
ClientSampleId :

ICVBF102523

Tgt Ion:142 Resp: 872945
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6

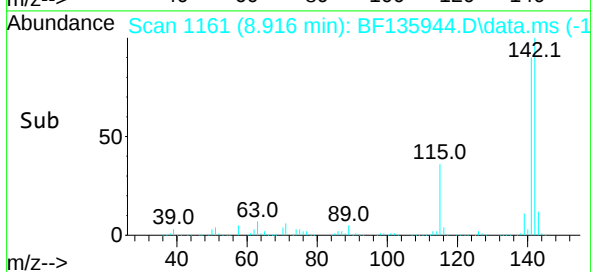
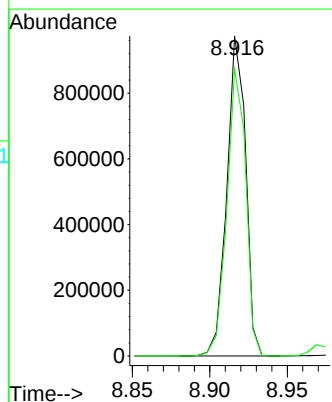
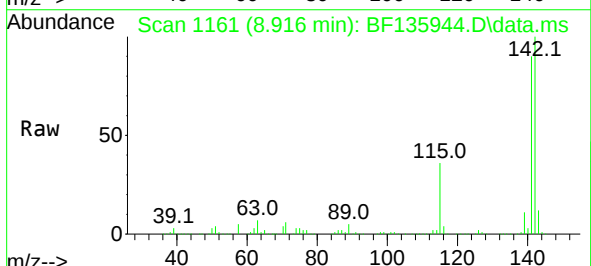
Manual Integrations
APPROVED

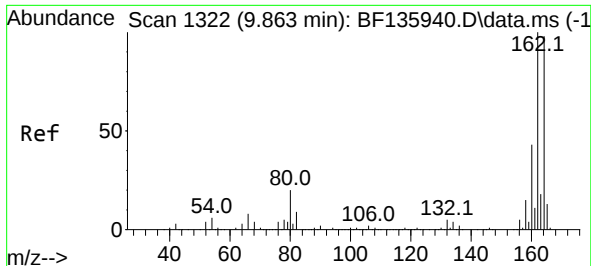
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#38
1-Methylnaphthalene
Concen: 40.634 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Tgt Ion:142 Resp: 823360
Ion Ratio Lower Upper
142 100
141 89.6 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF135944.D

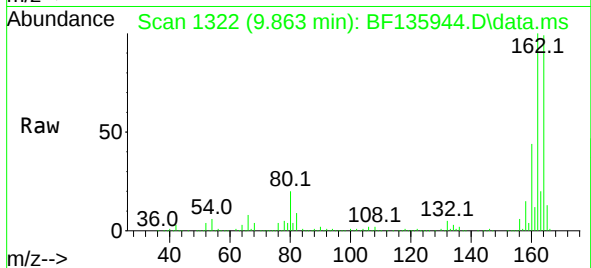
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523



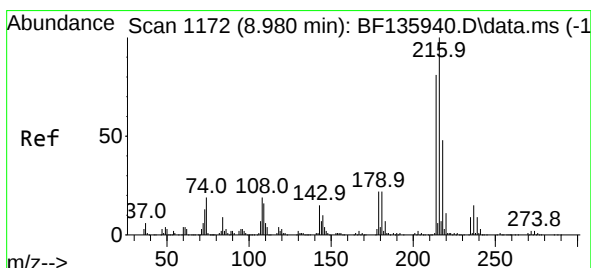
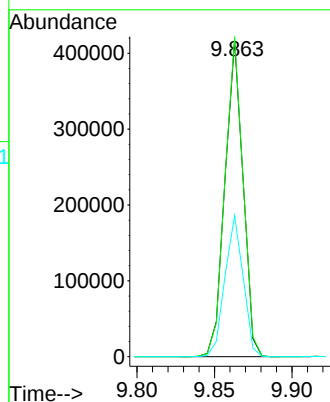
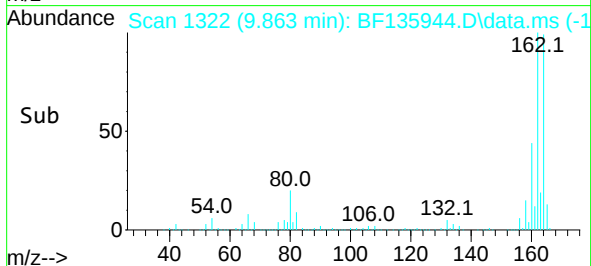
Tgt Ion:	164	Resp:	338239
Ion Ratio	Lower	Upper	
164	100		
162	101.1	82.0	123.0
160	44.6	35.6	53.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.048 ng

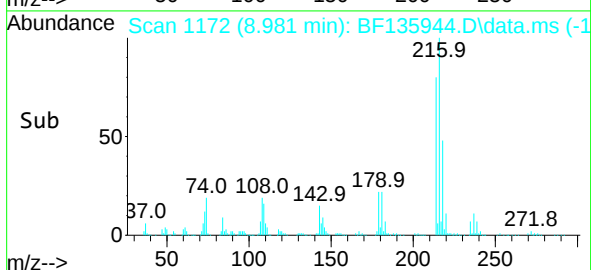
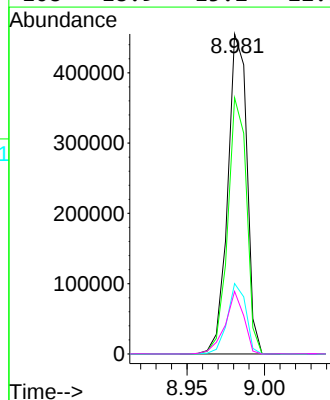
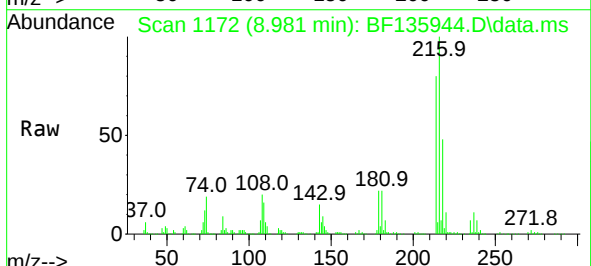
RT: 8.981 min Scan# 1172

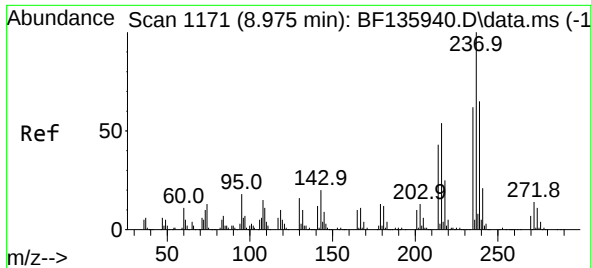
Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Tgt Ion:	216	Resp:	392141
Ion Ratio	Lower	Upper	
216	100		
214	78.2	63.3	94.9
179	21.2	17.3	25.9
108	18.9	15.2	22.8





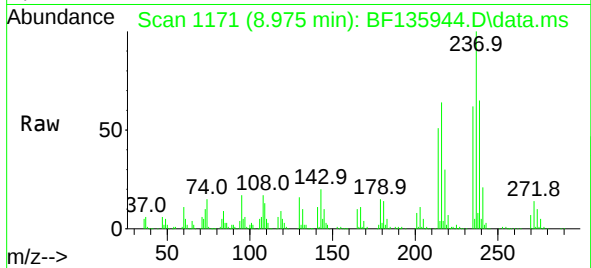
#41
Hexachlorocyclopentadiene
Concen: 45.505 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523

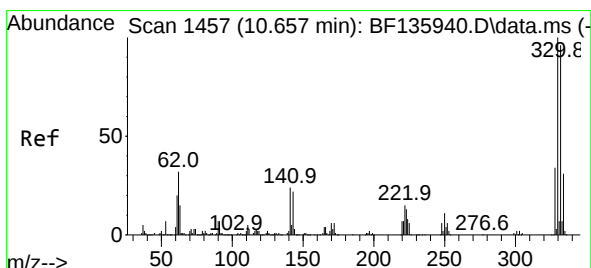
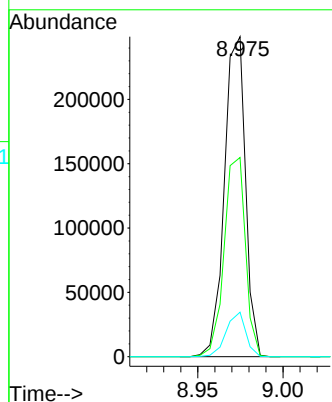
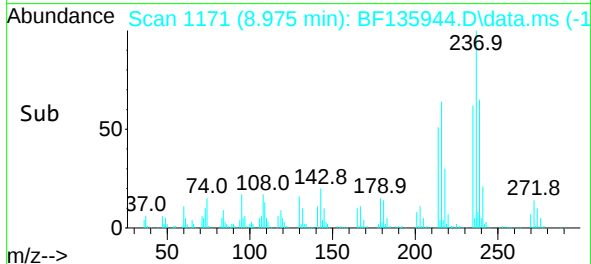


Tgt Ion:237 Resp: 214358
Ion Ratio Lower Upper
237 100
235 62.2 41.7 81.7
272 13.9 0.0 33.6

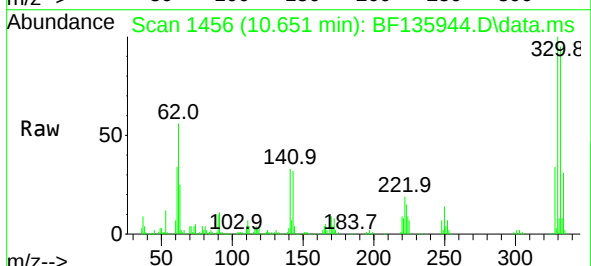
Manual Integrations

APPROVED

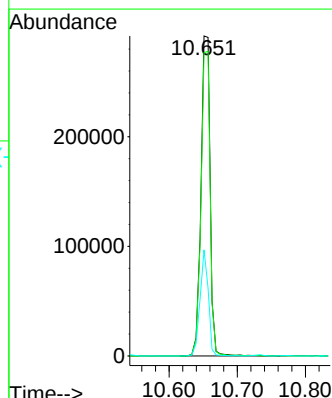
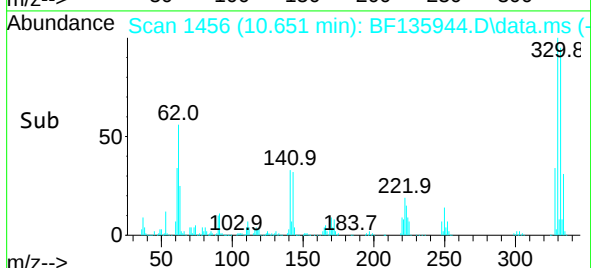
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

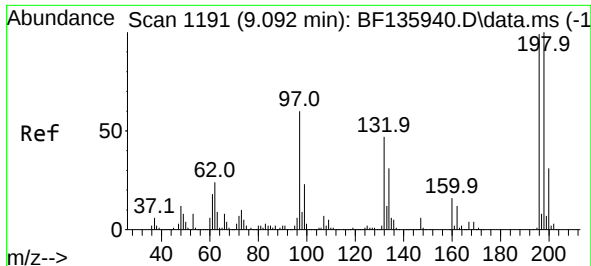


#42
2,4,6-Tribromophenol
Concen: 91.864 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49



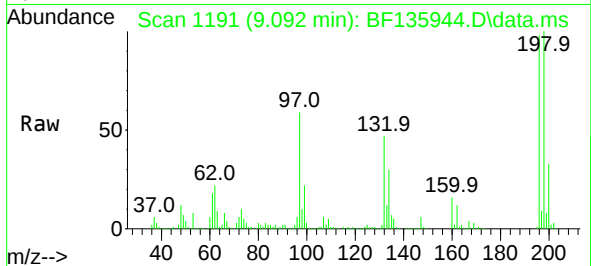
Tgt Ion:330 Resp: 271973
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.2
141 30.1 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 44.859 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

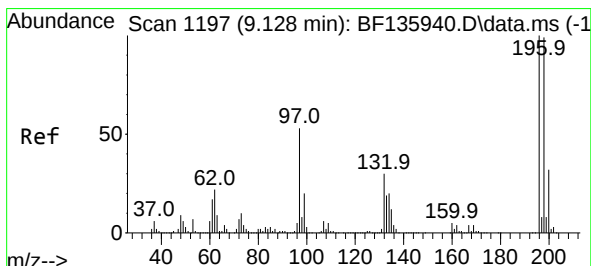
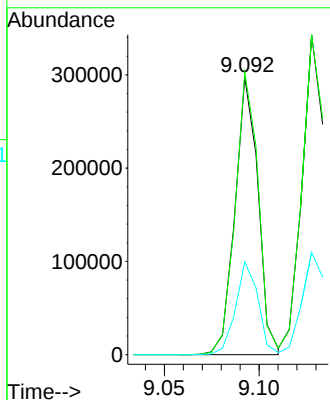
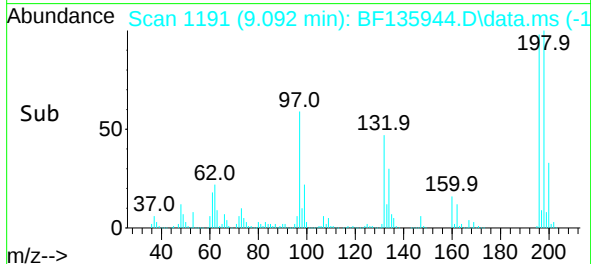
Instrument :
BNA_F
ClientSampleId :
ICVBF102523



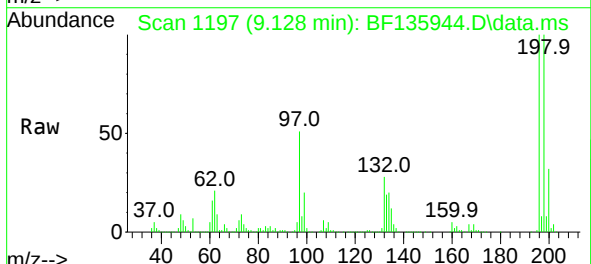
Tgt Ion:196 Resp: 25082
Ion Ratio Lower Upper
196 100
198 101.8 81.0 121.4
200 33.4 25.4 38.0

Manual Integrations
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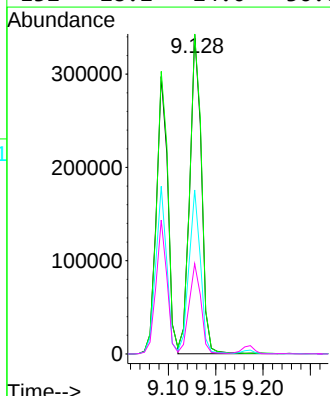
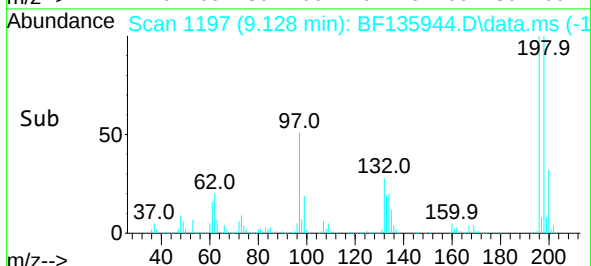
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

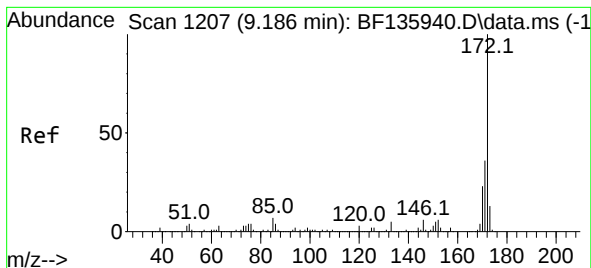


#44
2,4,5-Trichlorophenol
Concen: 44.277 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49



Tgt Ion:196 Resp: 293944
Ion Ratio Lower Upper
196 100
198 100.1 79.1 118.7
97 51.3 42.3 63.5
132 28.2 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 78.709 ng

RT: 9.187 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523

Tgt Ion:172 Resp: 166260

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

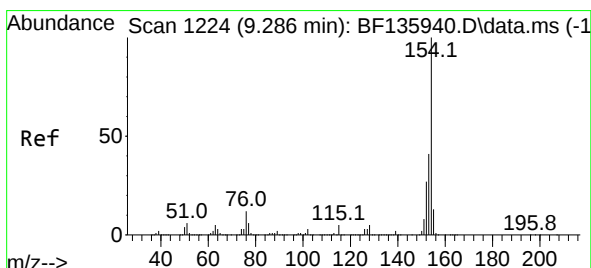
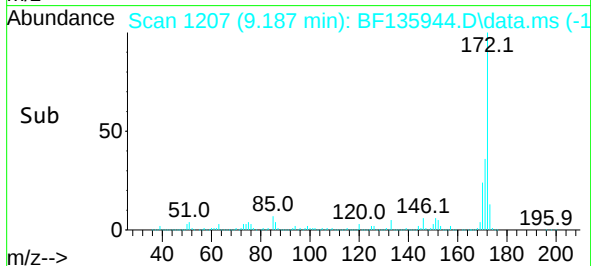
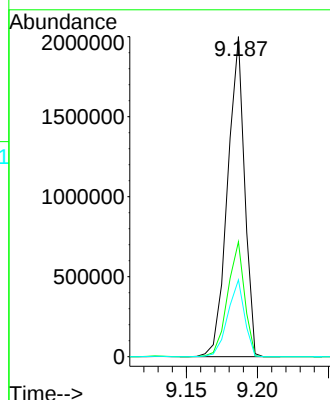
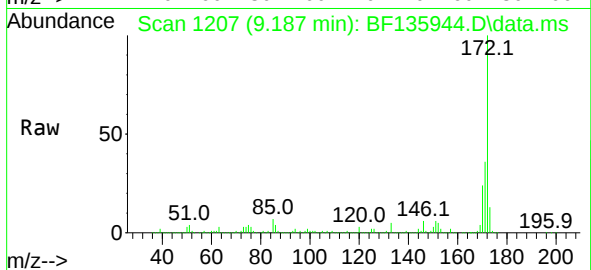
170 24.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#46

1,1'-Biphenyl

Concen: 40.981 ng

RT: 9.287 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

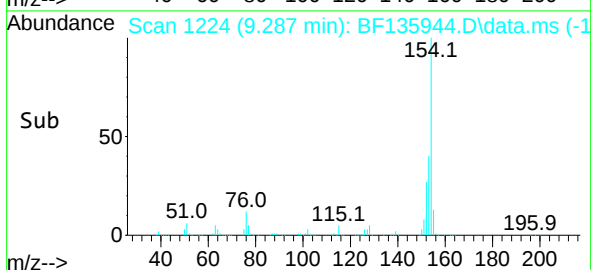
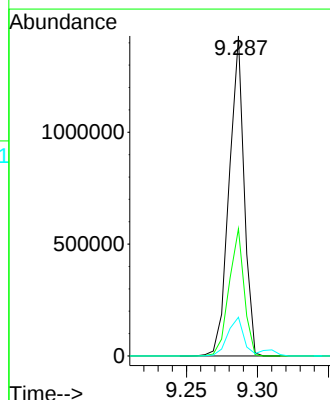
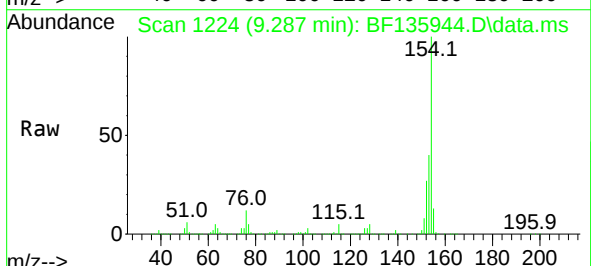
Tgt Ion:154 Resp: 1050319

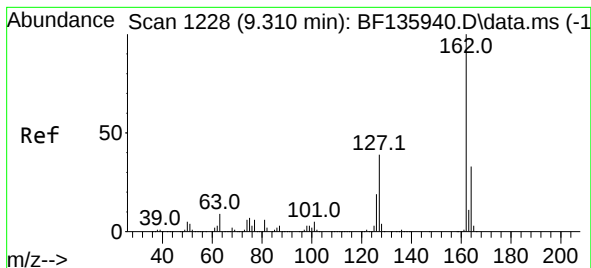
Ion Ratio Lower Upper

154 100

153 39.7 20.7 60.7

76 12.1 0.0 32.4





#47

2-Chloronaphthalene

Concen: 40.904 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

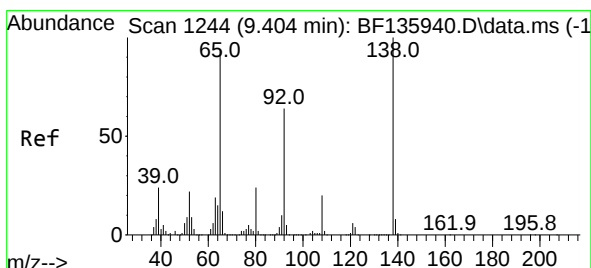
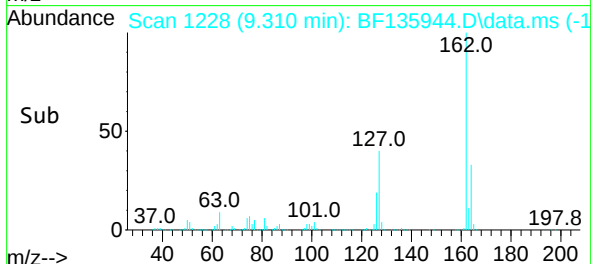
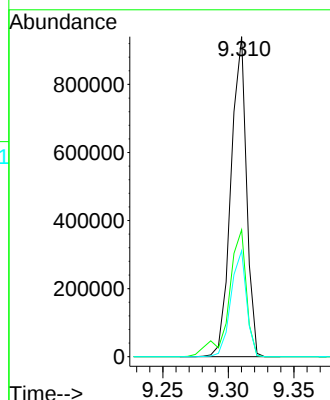
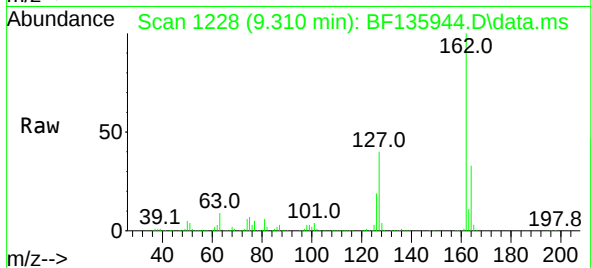
ICVBF102523

Tgt Ion:162 Resp: 775425

Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.0	46.4
164	33.1	26.6	39.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#48

2-Nitroaniline

Concen: 45.531 ng

RT: 9.404 min Scan# 1244

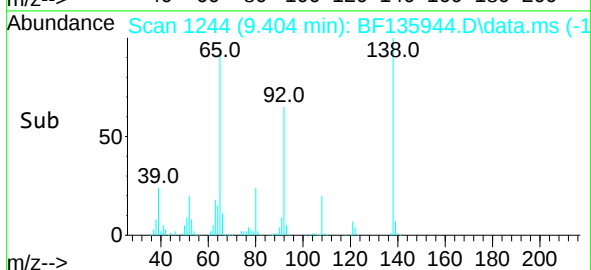
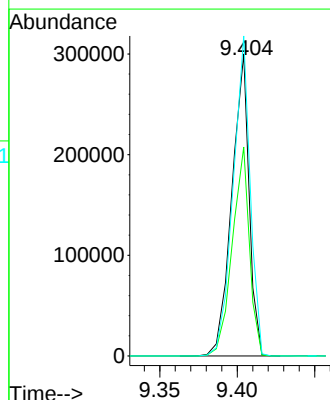
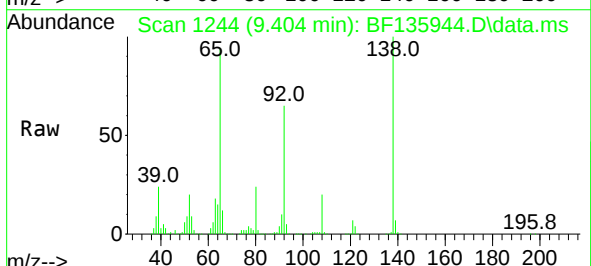
Delta R.T. 0.000 min

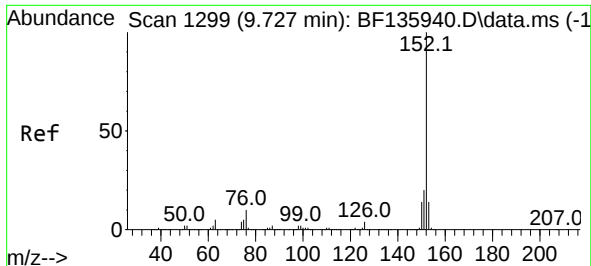
Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Tgt Ion: 65 Resp: 232404

Ion	Ratio	Lower	Upper
65	100		
92	69.1	54.9	82.3
138	105.9	85.2	127.8





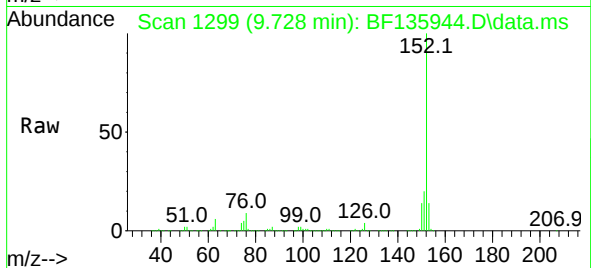
#49
Acenaphthylene
Concen: 41.052 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523



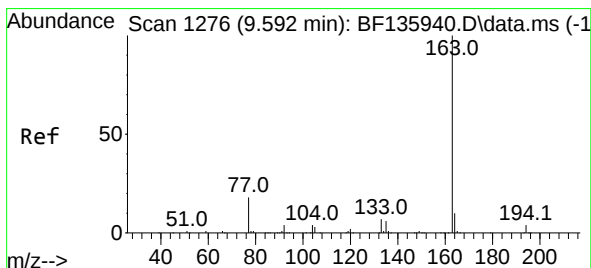
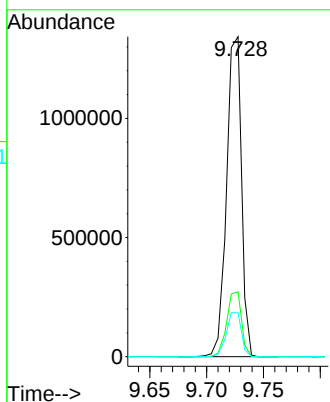
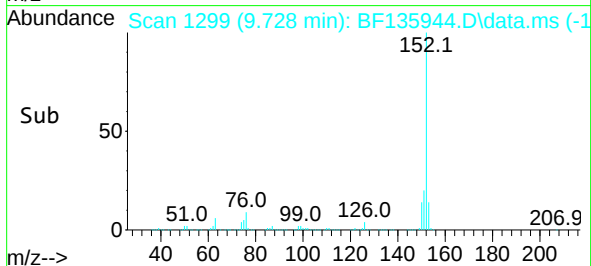
Tgt Ion:152 Resp: 1227734
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.7 11.0 16.6

Manual Integrations

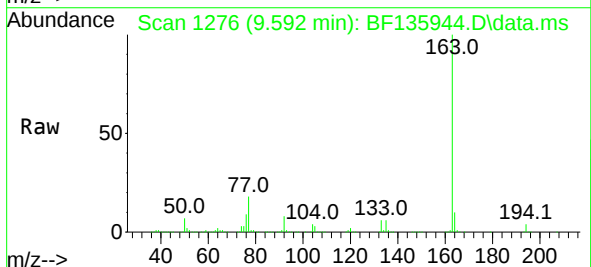
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

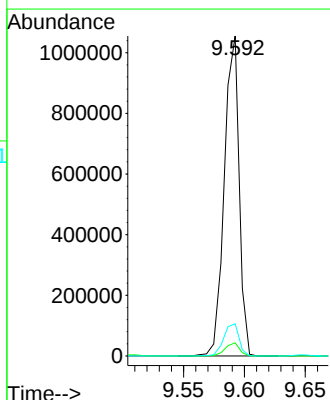
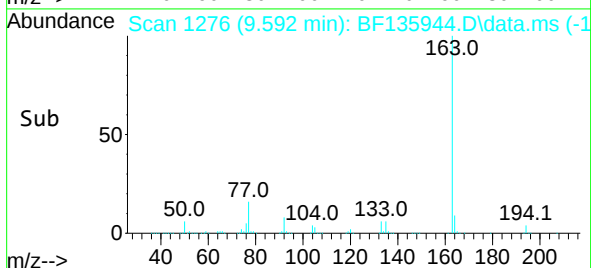
Supervised By :mohammad ahmed 10/26/2023

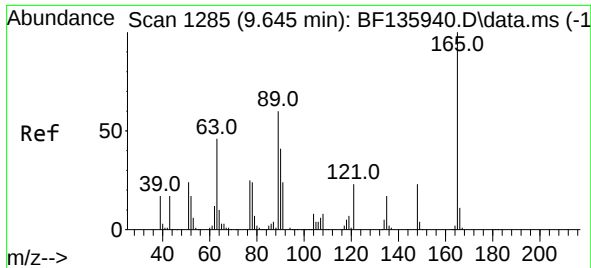


#50
Dimethylphthalate
Concen: 40.791 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49



Tgt Ion:163 Resp: 894738
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.3 12.5





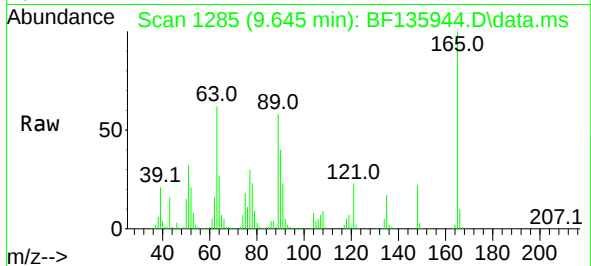
#51
2,6-Dinitrotoluene
Concen: 42.533 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523

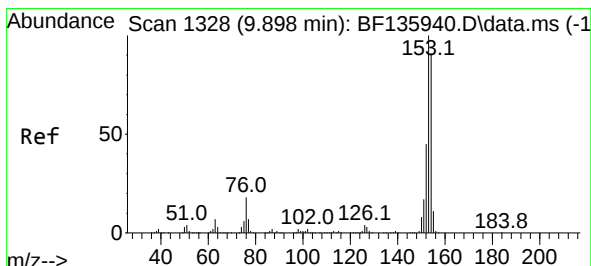
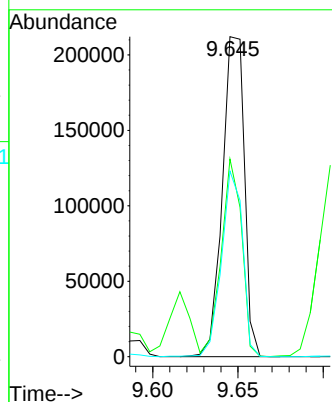
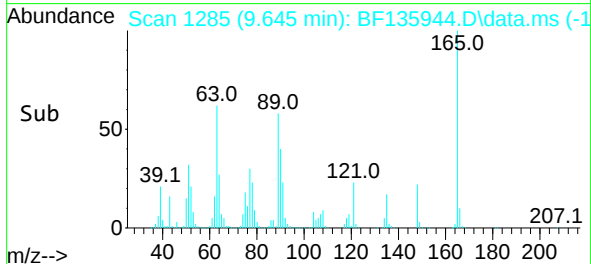


Tgt Ion:165 Resp: 190612
Ion Ratio Lower Upper
165 100
63 61.7 51.7 77.5
89 58.0 48.3 72.5

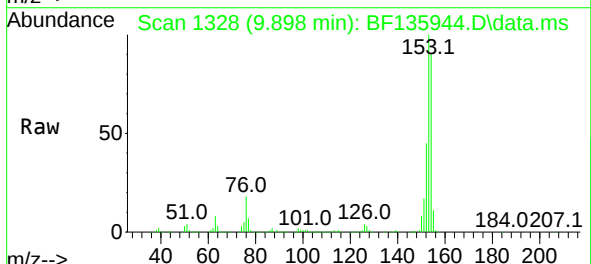
Manual Integrations

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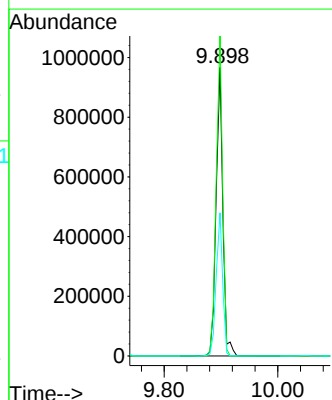
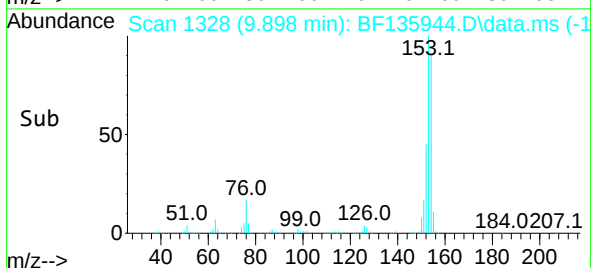
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

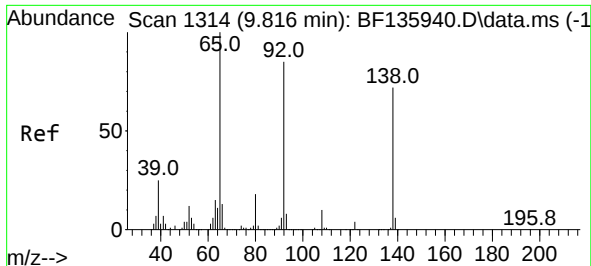


#52
Acenaphthene
Concen: 41.420 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49



Tgt Ion:154 Resp: 793868
Ion Ratio Lower Upper
154 100
153 110.9 88.0 132.0
152 49.6 39.4 59.2





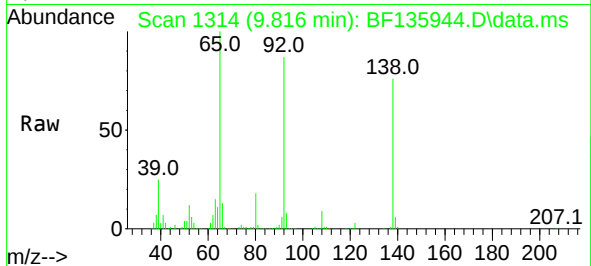
#53
3-Nitroaniline
Concen: 42.699 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

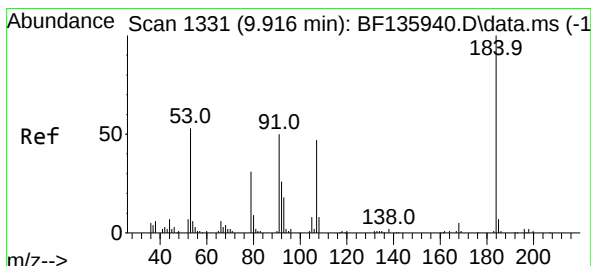
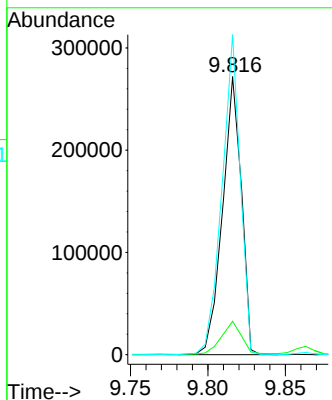
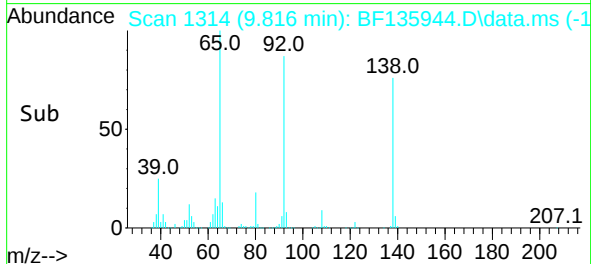
ICVBF102523



Tgt Ion:138 Resp: 229309
Ion Ratio Lower Upper
138 100
108 12.0 11.3 16.9
92 115.1 95.0 142.6

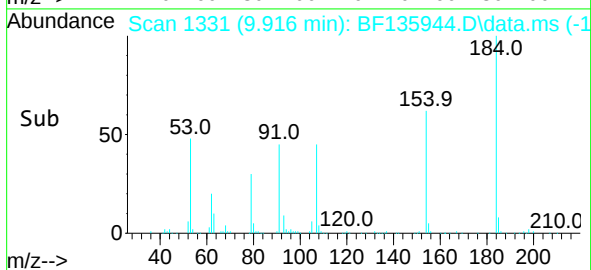
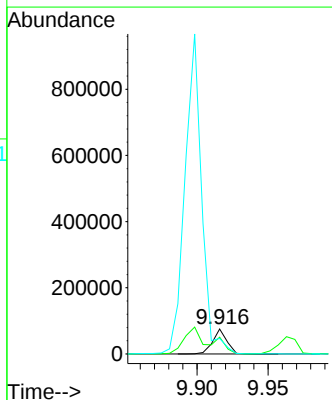
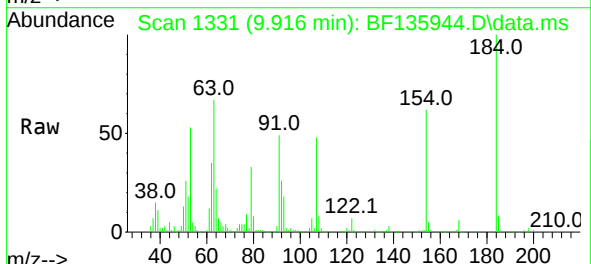
Manual Integrations
APPROVED

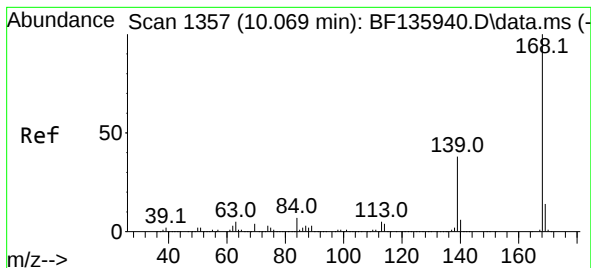
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#54
2,4-Dinitrophenol
Concen: 47.214 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Tgt Ion:184 Resp: 51760
Ion Ratio Lower Upper
184 100
63 67.2 56.3 84.5
154 62.2 48.1 72.1





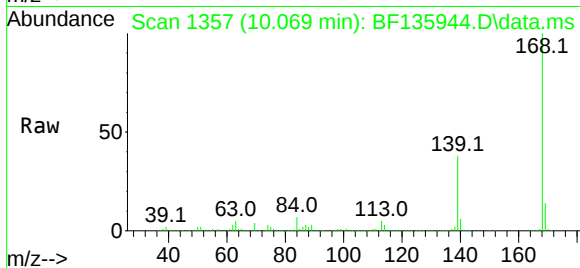
#55
Dibenzenofuran
Concen: 40.459 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523



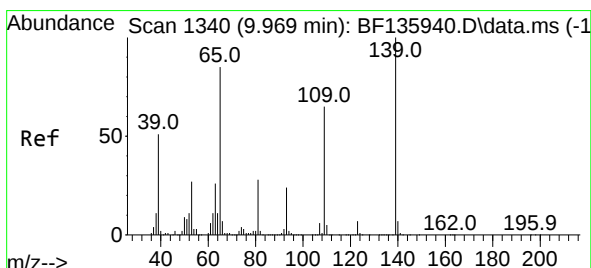
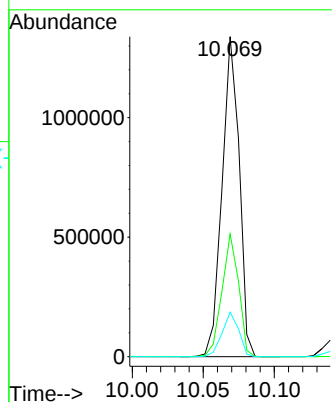
Tgt Ion:168 Resp: 112025
Ion Ratio Lower Upper
168 100
139 38.3 30.7 46.1
169 13.9 11.1 16.7

Manual Integrations

APPROVED

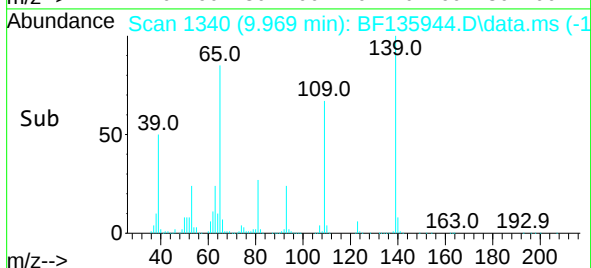
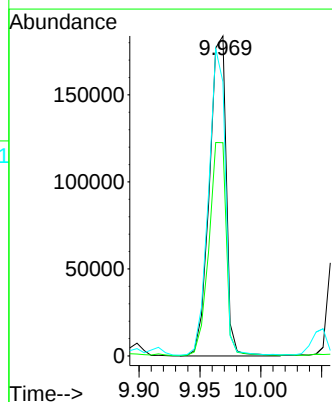
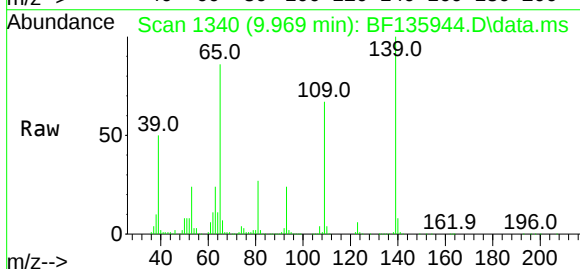
Reviewed By :Yogesh Patel 10/26/2023

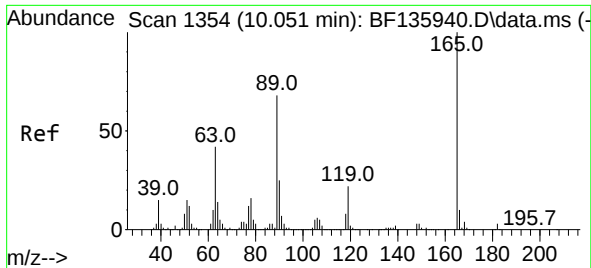
Supervised By :mohammad ahmed 10/26/2023



#56
4-Nitrophenol
Concen: 43.018 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Tgt Ion:139 Resp: 176640
Ion Ratio Lower Upper
139 100
109 66.7 45.2 85.2
65 85.7 65.1 105.1





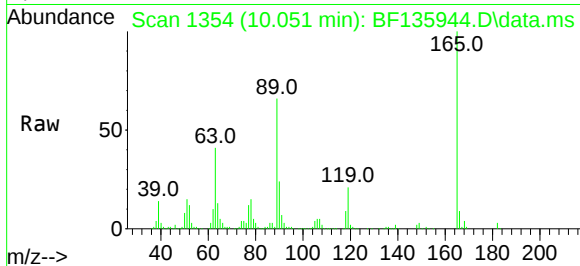
#57
2,4-Dinitrotoluene
Concen: 43.871 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523

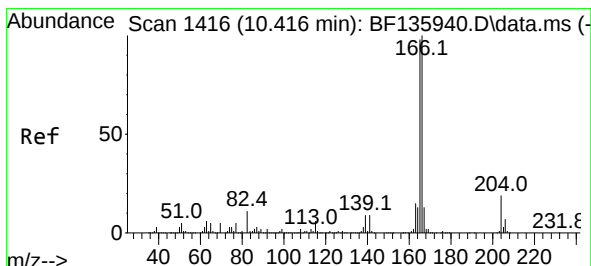
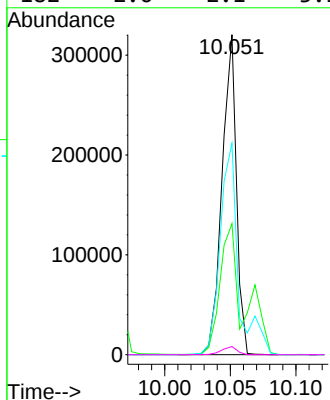
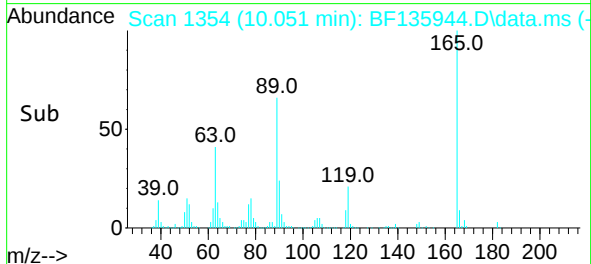


Tgt Ion:165 Resp: 243734
Ion Ratio Lower Upper
165 100
63 40.9 33.7 50.5
89 66.1 54.6 81.8
182 2.6 2.1 3.1

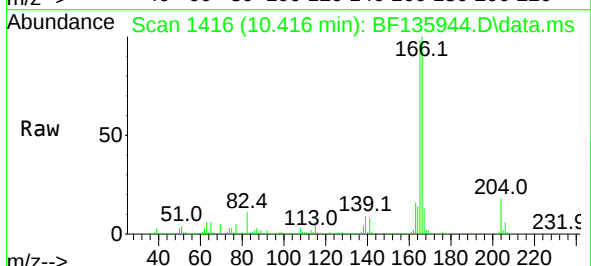
Manual Integrations

APPROVED

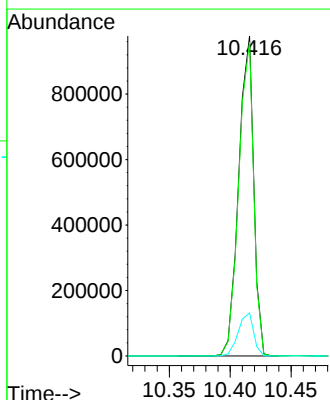
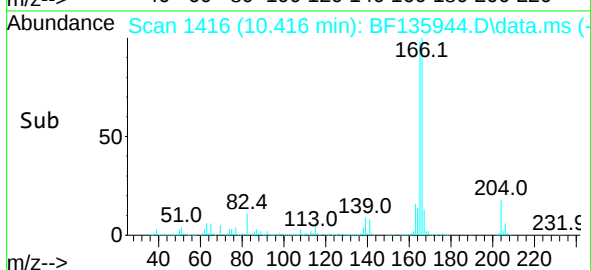
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

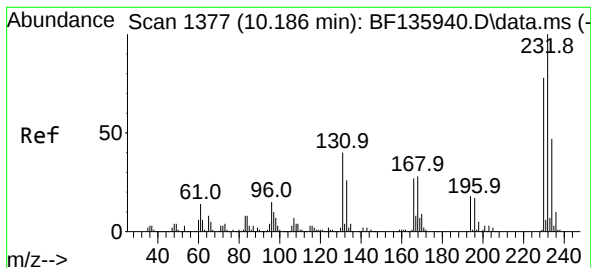


#58
Fluorene
Concen: 40.219 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49



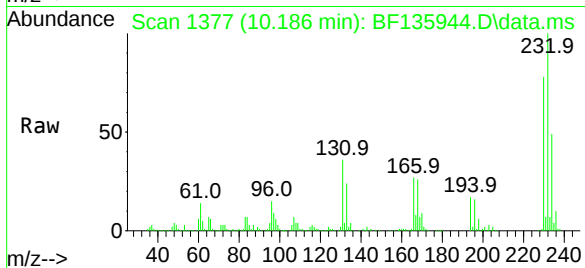
Tgt Ion:166 Resp: 833143
Ion Ratio Lower Upper
166 100
165 98.1 78.0 117.0
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.364 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

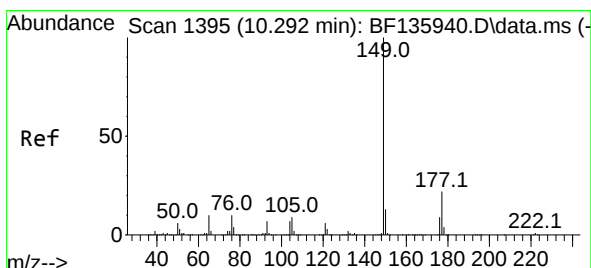
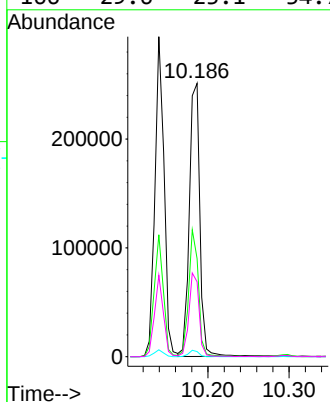
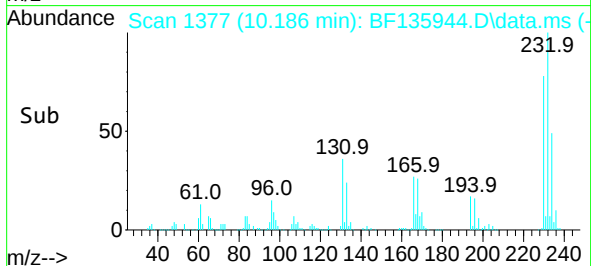
Instrument :
BNA_F
ClientSampleId :
ICVBF102523



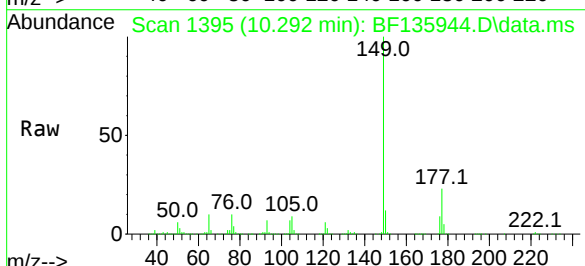
Tgt Ion:232 Resp: 226620
Ion Ratio Lower Upper
232 100
131 42.7 35.2 52.8
130 2.2 1.7 2.5
166 29.6 23.1 34.7

Manual Integrations
APPROVED

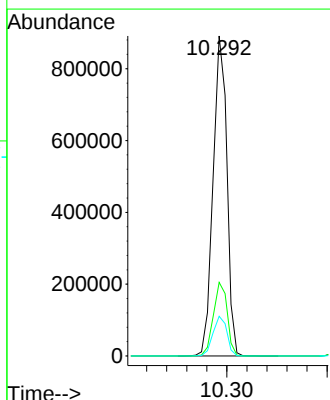
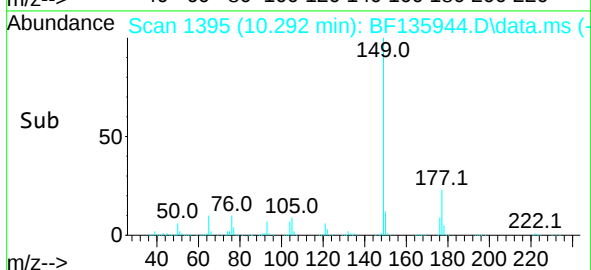
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

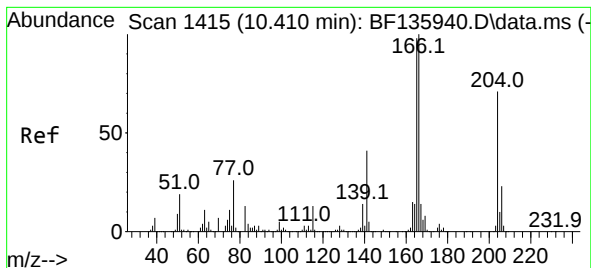


#60
Diethylphthalate
Concen: 40.737 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49



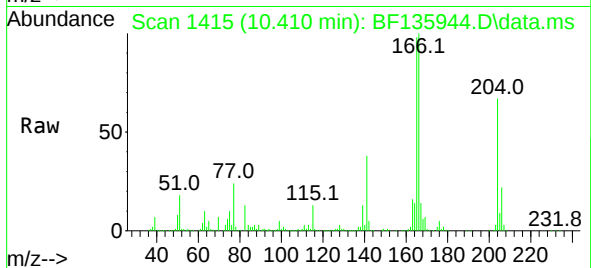
Tgt Ion:149 Resp: 852072
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.344 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

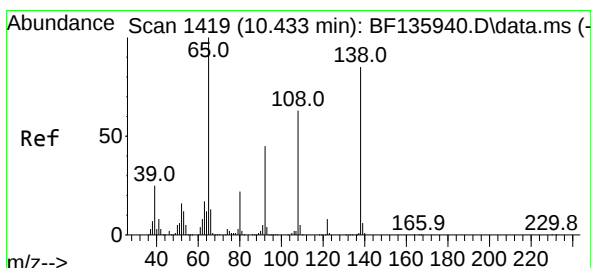
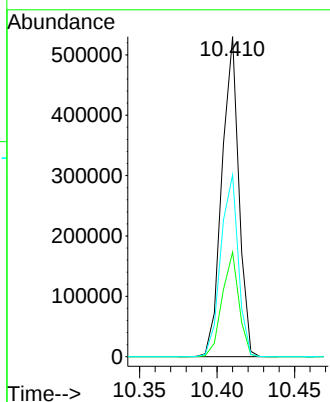
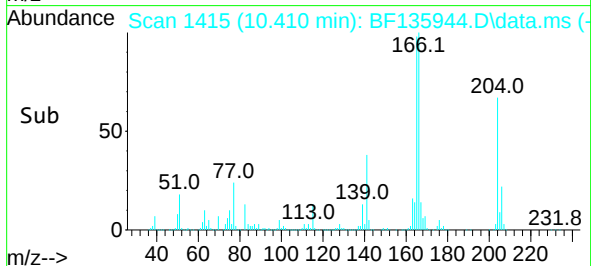
Instrument :
BNA_F
ClientSampleId :
ICVBF102523



Tgt Ion:204 Resp: 40314
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 56.8 46.2 69.2

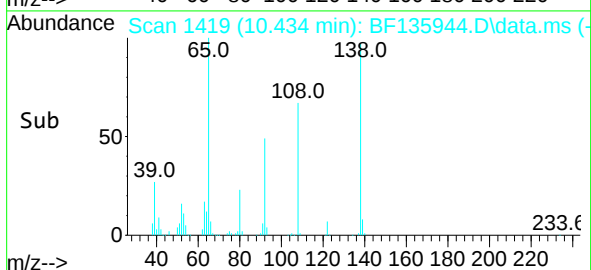
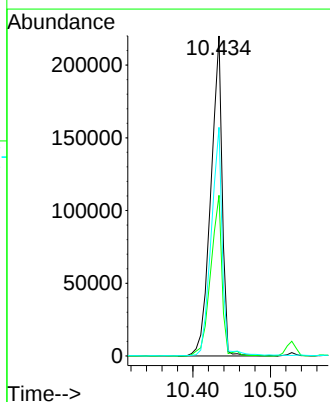
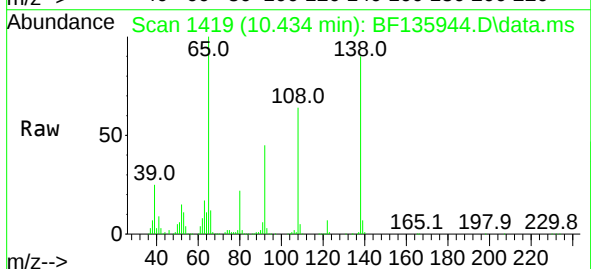
Manual Integrations
APPROVED

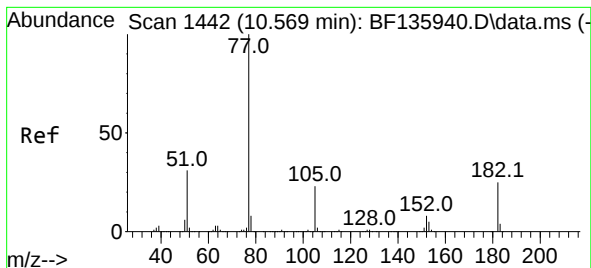
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#62
4-Nitroaniline
Concen: 42.172 ng
RT: 10.434 min Scan# 1419
Delta R.T. 0.001 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Tgt Ion:138 Resp: 223846
Ion Ratio Lower Upper
138 100
92 50.2 32.9 72.9
108 71.5 53.5 93.5





#63

Azobenzene

Concen: 40.507 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523

Tgt Ion: 77 Resp: 859828

Ion Ratio Lower Upper

77 100

182 25.5 5.1 45.1

105 22.8 2.8 42.8

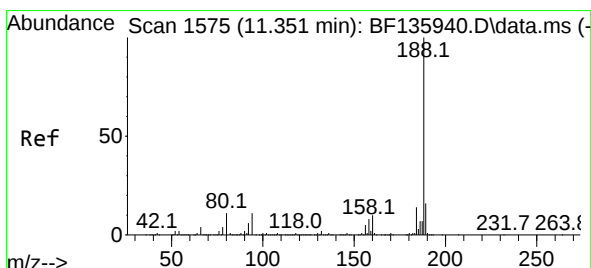
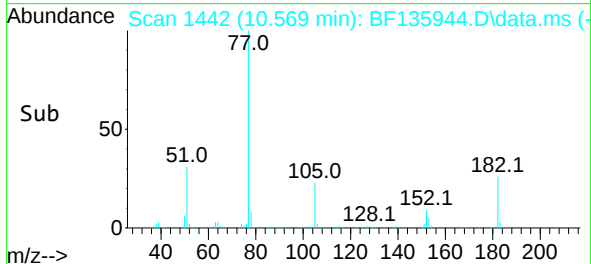
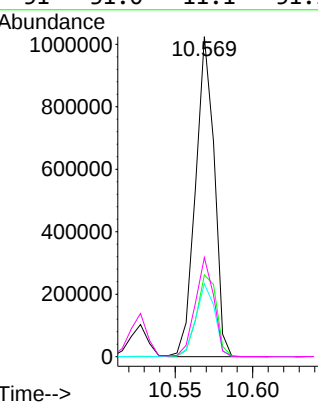
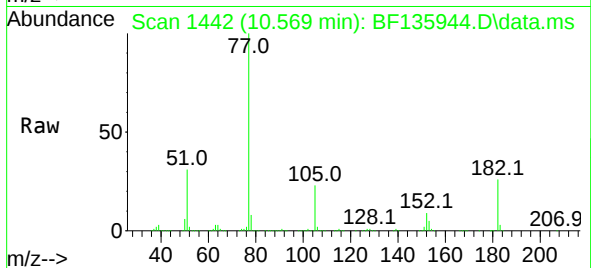
51 31.0 11.1 51.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

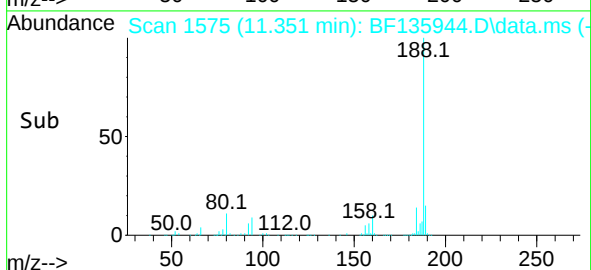
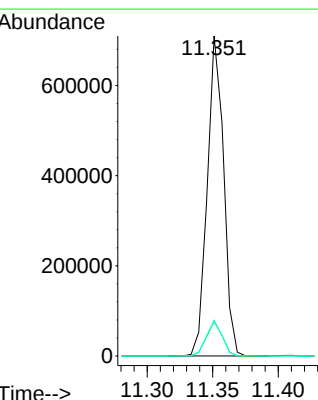
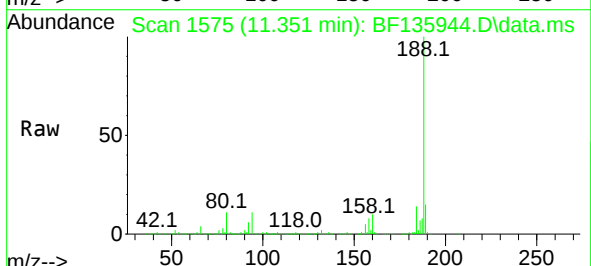
Tgt Ion:188 Resp: 613544

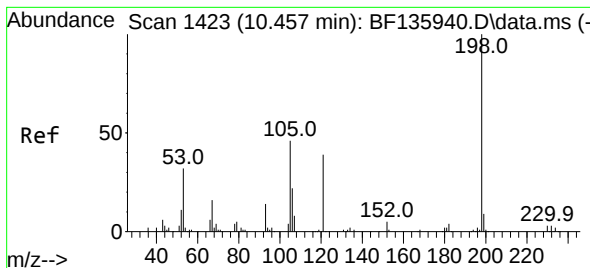
Ion Ratio Lower Upper

188 100

94 10.7 8.6 13.0

80 11.1 9.0 13.6





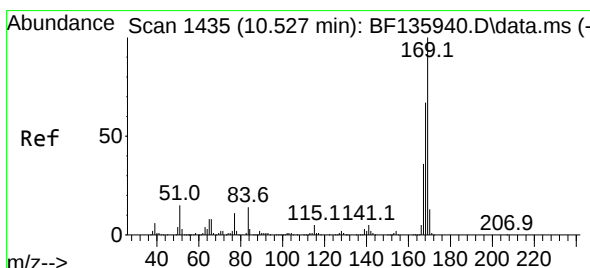
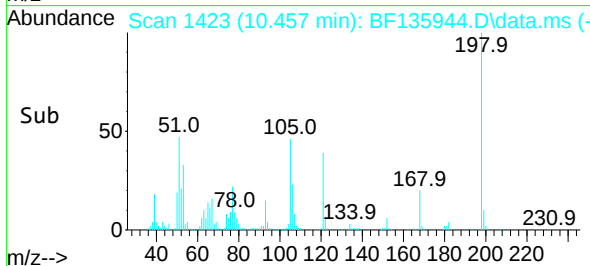
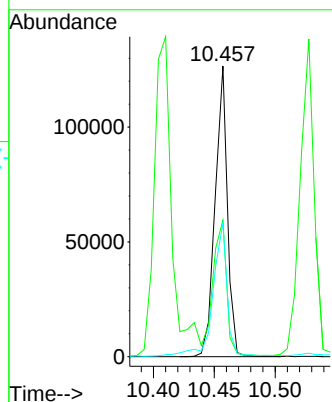
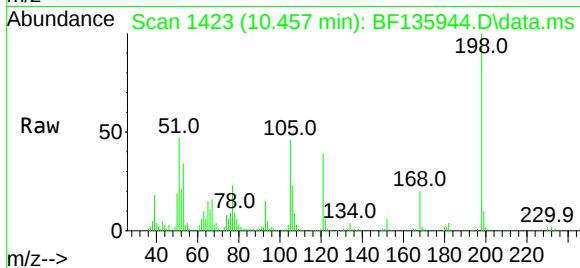
#65
4,6-Dinitro-2-methylphenol
Concen: 46.111 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :
BNA_F
ClientSampleId :
ICVBF102523

Tgt Ion:198 Resp: 89268
Ion Ratio Lower Upper
198 100
51 47.0 28.7 68.7
105 46.0 27.2 67.2

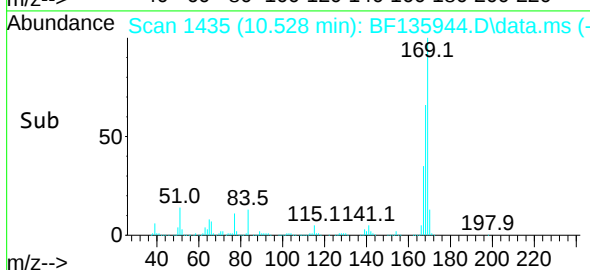
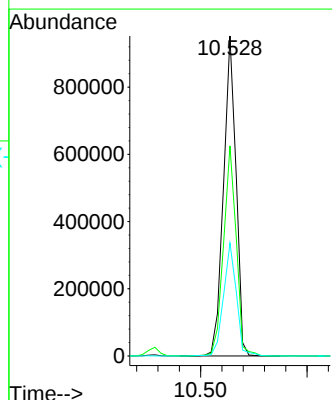
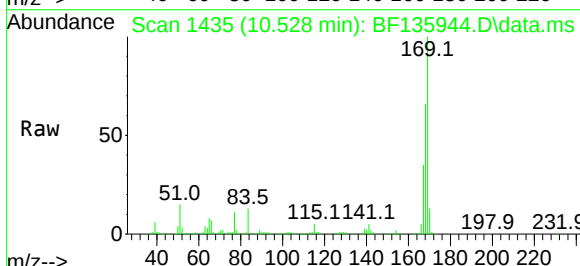
Manual Integrations
APPROVED

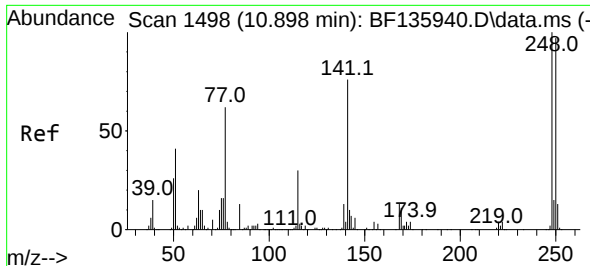
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#66
n-Nitrosodiphenylamine
Concen: 41.669 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Tgt Ion:169 Resp: 772338
Ion Ratio Lower Upper
169 100
168 65.7 53.5 80.3
167 35.3 29.0 43.4





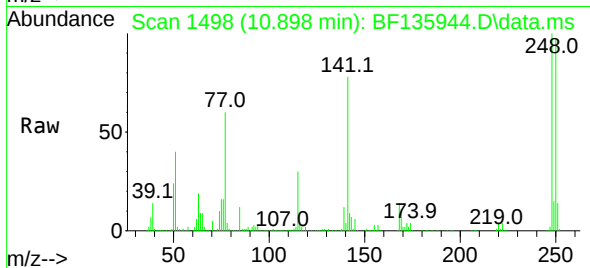
#67
4-Bromophenyl-phenylether
Concen: 41.570 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523



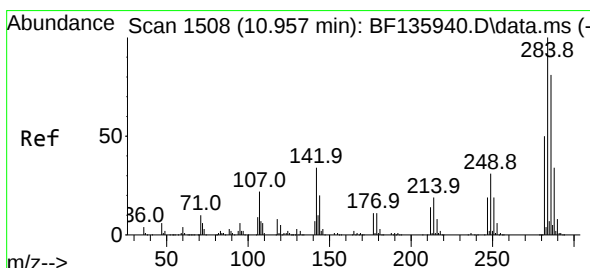
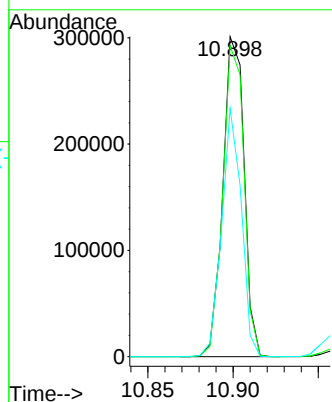
Tgt Ion:248 Resp: 261199
Ion Ratio Lower Upper
248 100
250 97.2 77.9 116.9
141 77.6 60.8 91.2

Manual Integrations

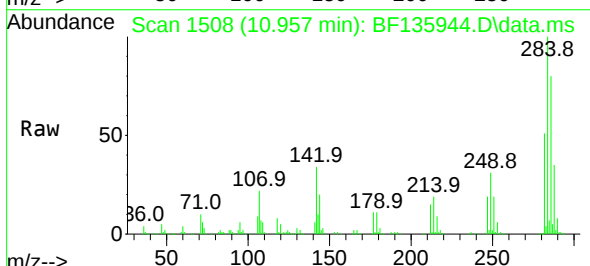
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

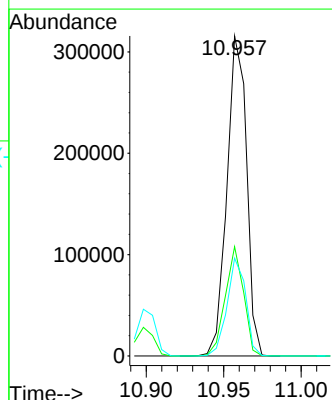
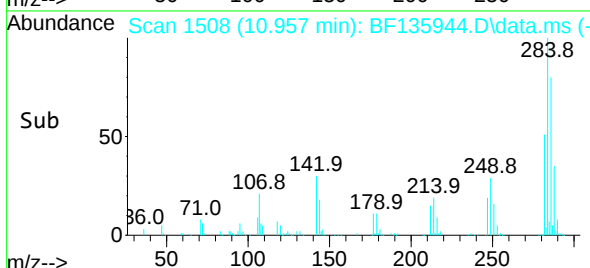
Supervised By :mohammad ahmed 10/26/2023

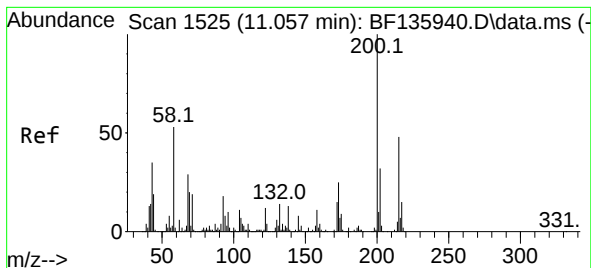


#68
Hexachlorobenzene
Concen: 41.455 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49



Tgt Ion:284 Resp: 278249
Ion Ratio Lower Upper
284 100
142 34.1 27.6 41.4
249 30.5 24.7 37.1





#69

Atrazine

Concen: 40.626 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523

Tgt Ion:200 Resp: 205278

Ion Ratio Lower Upper

200 100

173 25.6 5.5 45.5

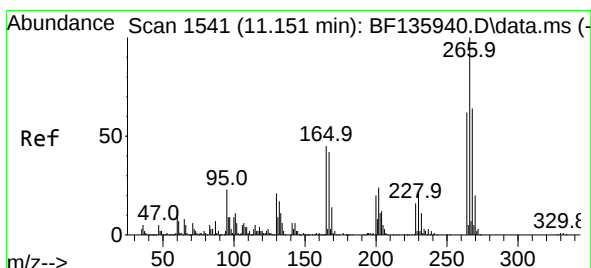
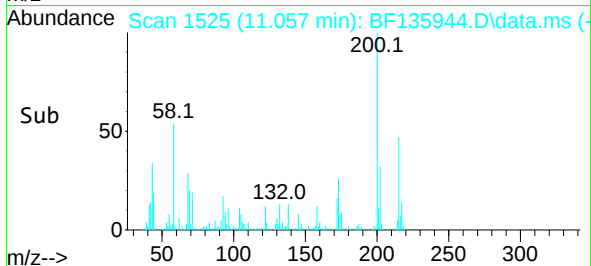
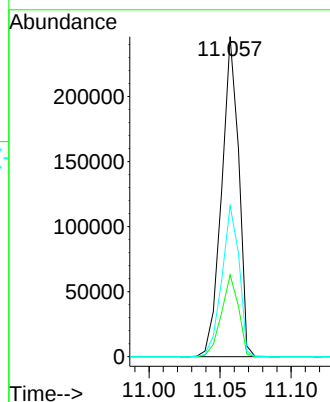
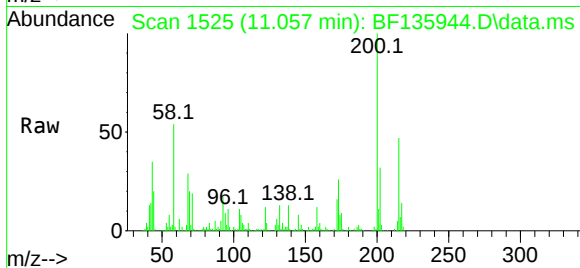
215 47.2 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#70

Pentachlorophenol

Concen: 43.464 ng

RT: 11.151 min Scan# 1541

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

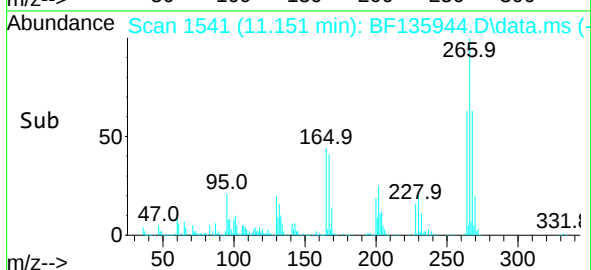
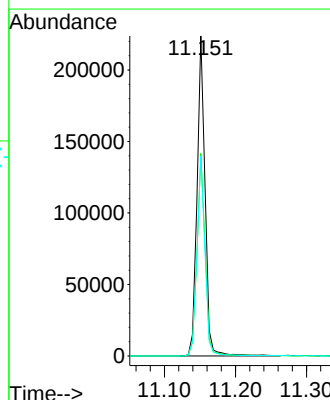
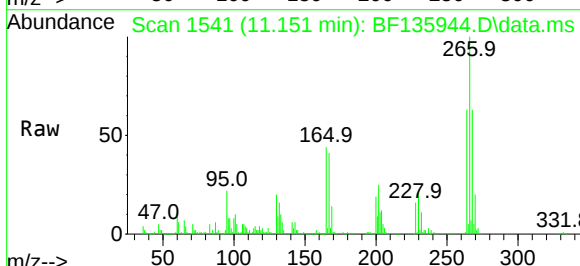
Tgt Ion:266 Resp: 176303

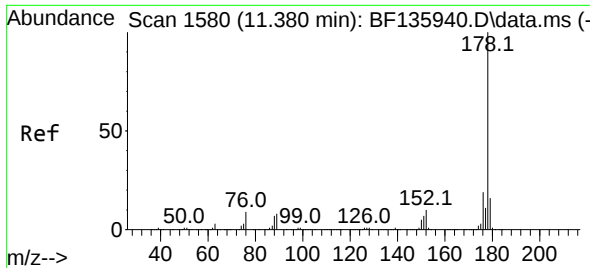
Ion Ratio Lower Upper

266 100

268 63.3 50.8 76.2

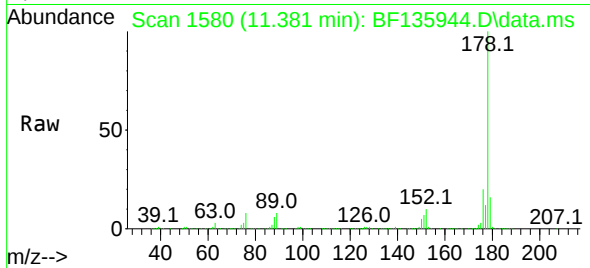
264 62.5 49.8 74.6





#71
Phenanthrene
Concen: 41.083 ng
RT: 11.381 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

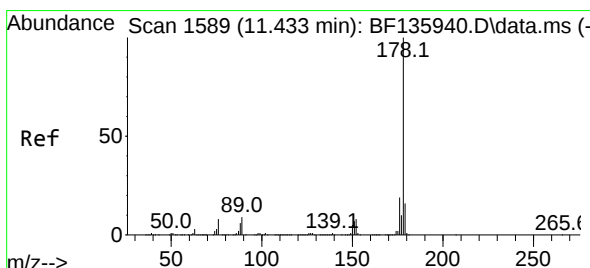
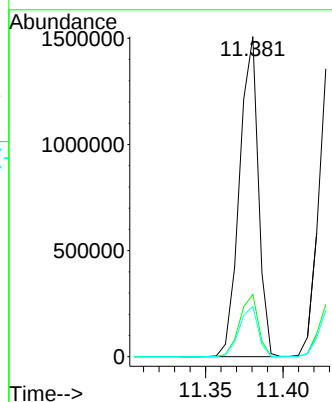
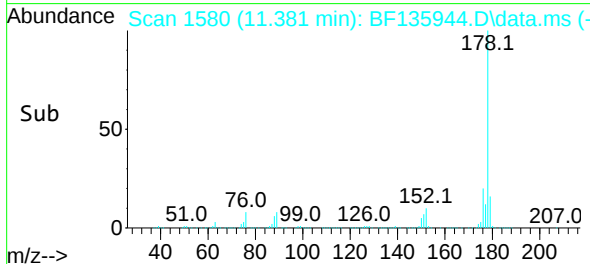
Instrument :
BNA_F
ClientSampleId :
ICVBF102523



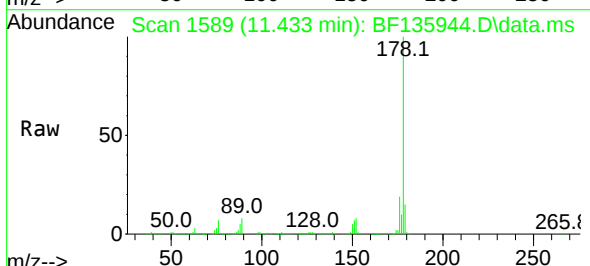
Tgt Ion:178 Resp: 127523
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.7 12.5 18.7

Manual Integrations
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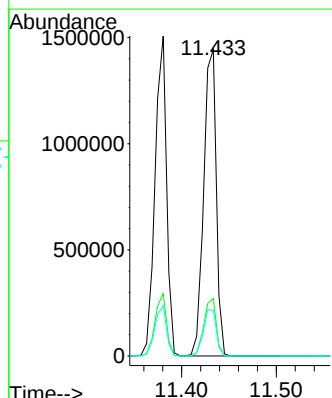
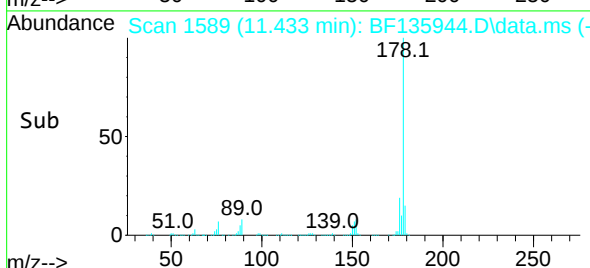
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

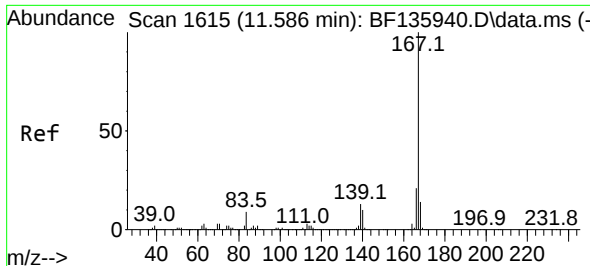


#72
Anthracene
Concen: 42.002 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49



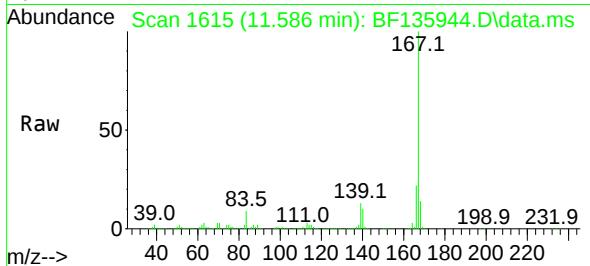
Tgt Ion:178 Resp: 1334972
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.0 12.5 18.7





#73
 Carbazole
 Concen: 41.147 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BF135944.D
 Acq: 25 Oct 2023 16:49

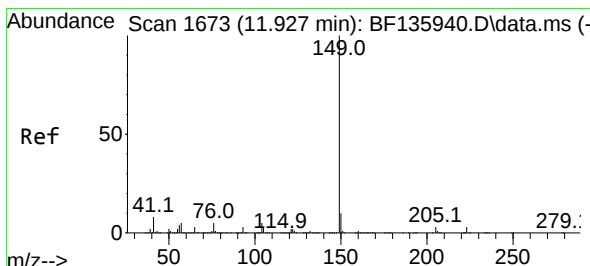
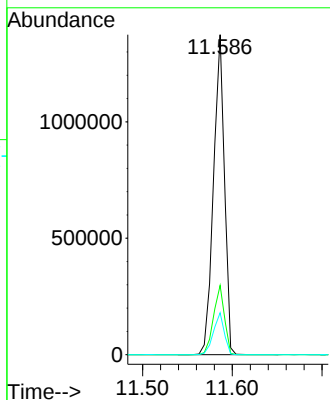
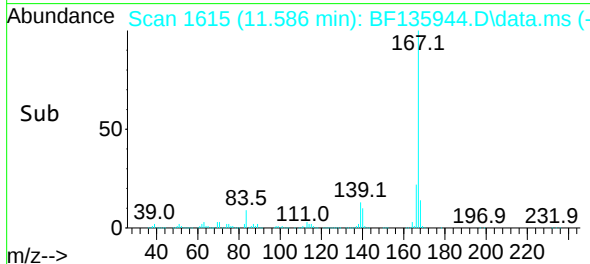
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102523



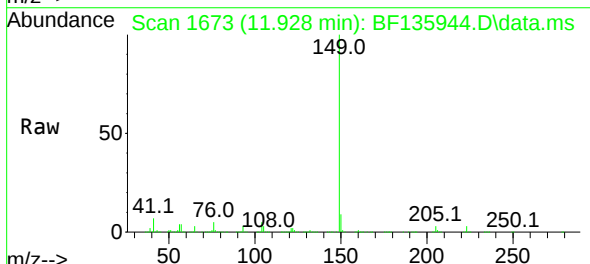
Tgt Ion:167 Resp: 116661
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.1 10.4 15.6

Manual Integrations
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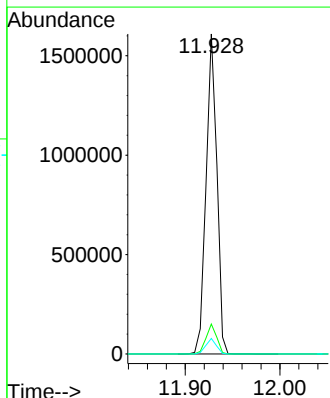
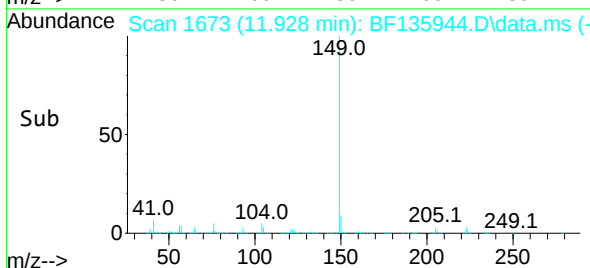
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

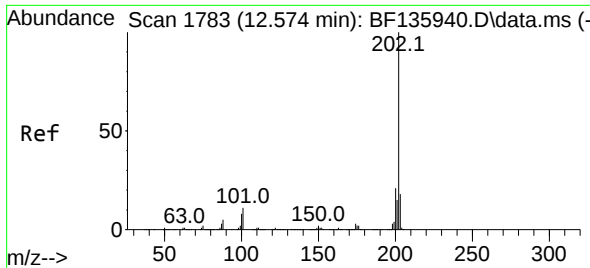


#74
 Di-n-butylphthalate
 Concen: 42.121 ng
 RT: 11.928 min Scan# 1673
 Delta R.T. 0.000 min
 Lab File: BF135944.D
 Acq: 25 Oct 2023 16:49



Tgt Ion:149 Resp: 1270800
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.8 3.9 5.9





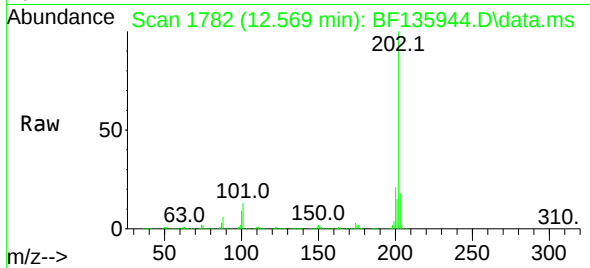
#75
Fluoranthene
Concen: 41.779 ng
RT: 12.569 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523



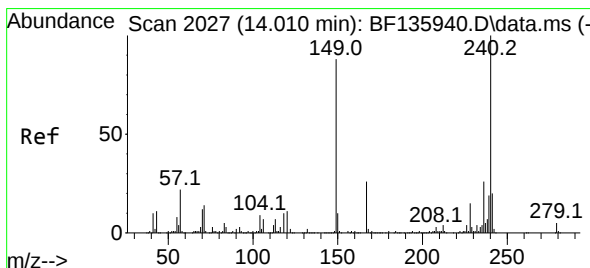
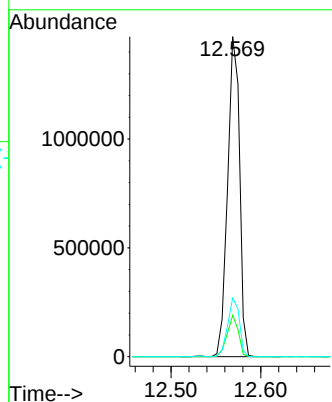
Tgt Ion:202 Resp: 1364360
Ion Ratio Lower Upper
202 100
101 12.9 0.0 30.6
203 18.4 0.0 37.5

Manual Integrations

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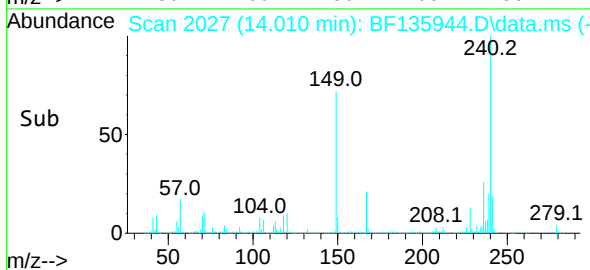
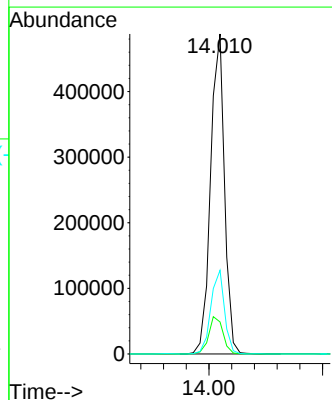
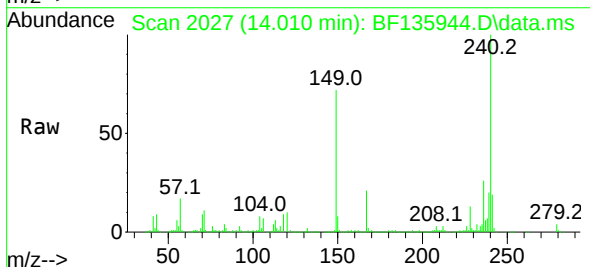
Reviewed By :Yogesh Patel 10/26/2023

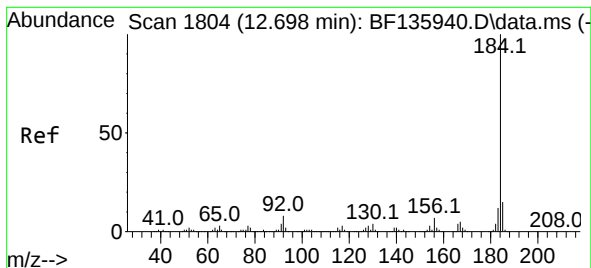
Supervised By :mohammad ahmed 10/26/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Tgt Ion:240 Resp: 413784
Ion Ratio Lower Upper
240 100
120 10.0 8.6 13.0
236 26.1 20.6 30.8





#77

Benzidine

Concen: 41.915 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

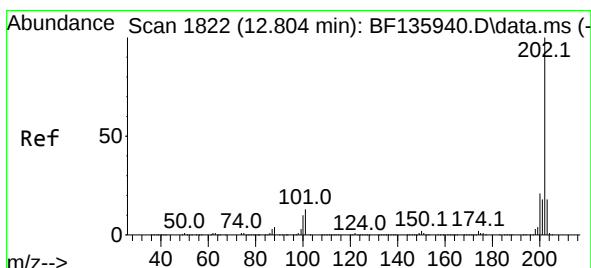
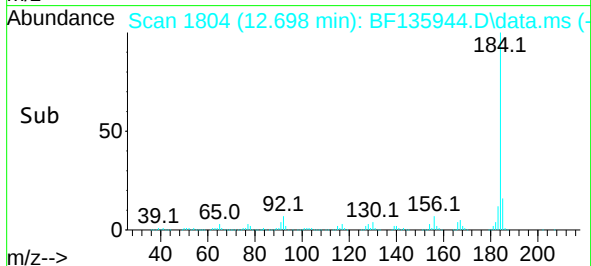
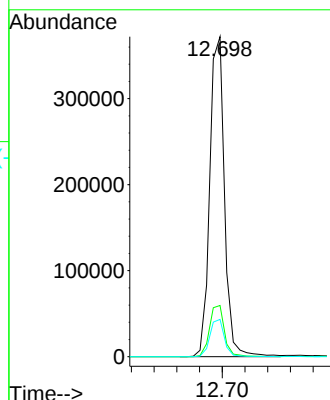
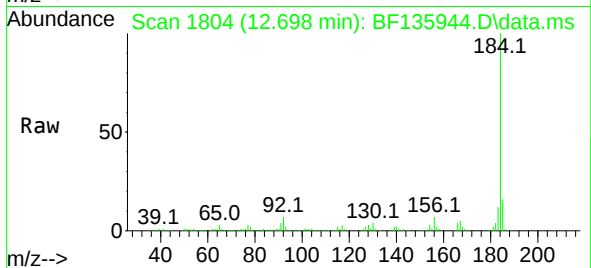
ICVBF102523

Tgt Ion:184 Resp: 334429
 Ion Ratio Lower Upper
 184 100
 185 16.0 11.7 17.5
 183 11.6 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023



#78

Pyrene

Concen: 40.189 ng

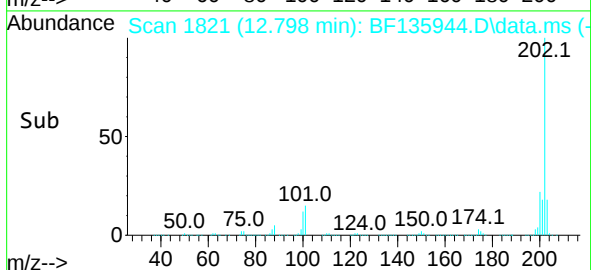
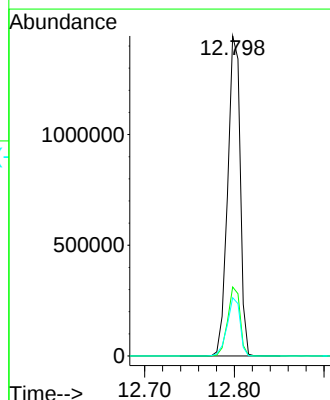
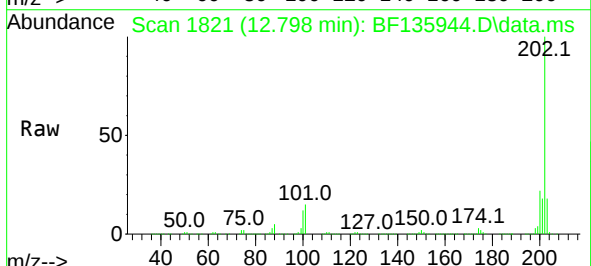
RT: 12.798 min Scan# 1821

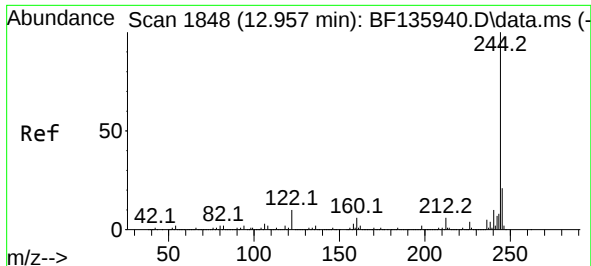
Delta R.T. -0.006 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Tgt Ion:202 Resp: 1396273
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.0 25.6
 203 18.2 14.5 21.7





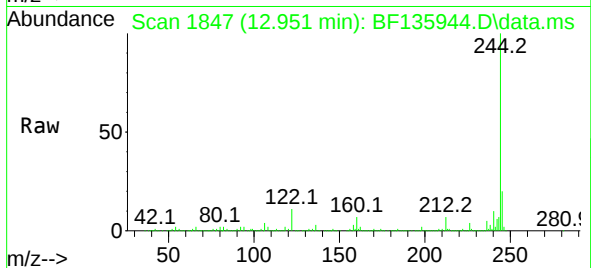
#79
Terphenyl-d14
Concen: 80.161 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523

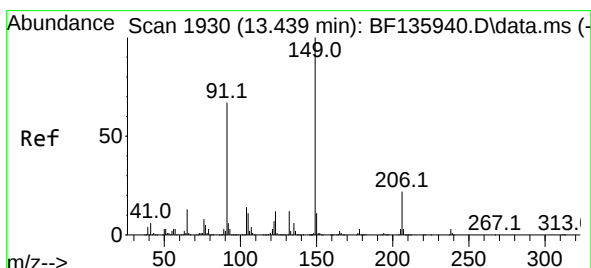
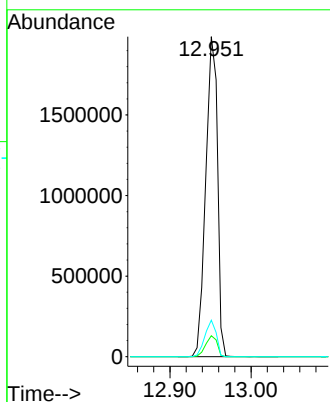
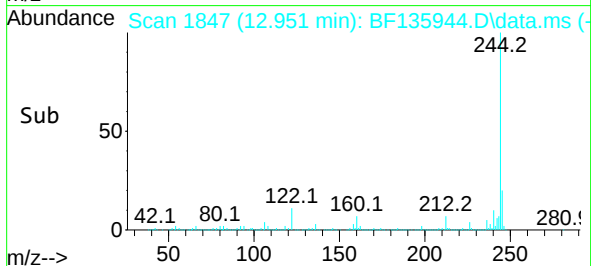


Tgt Ion:244 Resp: 1985260
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.6
122 11.4 8.0 12.0

Manual Integrations

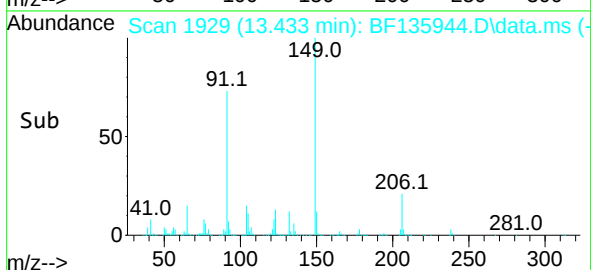
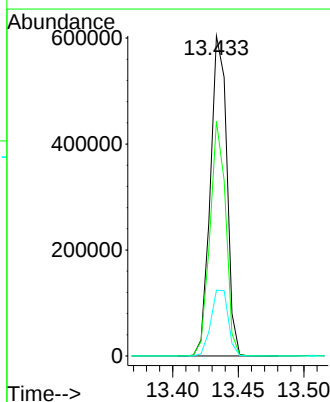
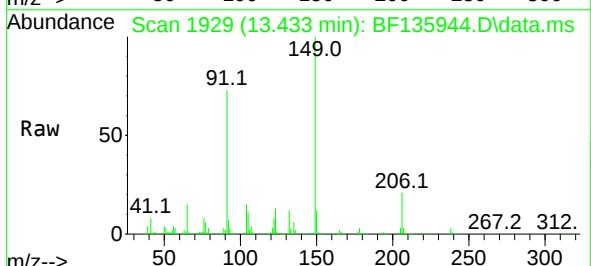
APPROVED

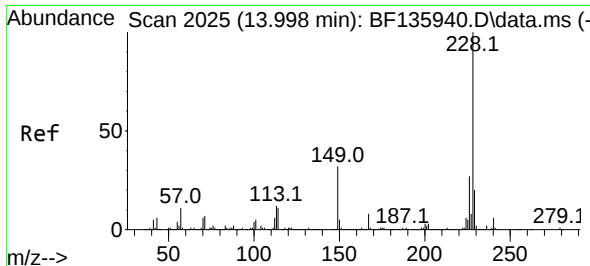
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#80
Butylbenzylphthalate
Concen: 40.821 ng
RT: 13.433 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Tgt Ion:149 Resp: 527819
Ion Ratio Lower Upper
149 100
91 73.4 53.4 80.0
206 20.6 17.5 26.3





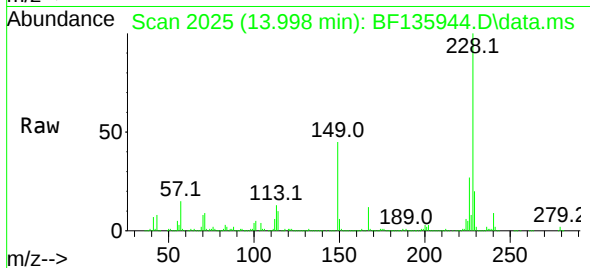
#81
Benzo(a)anthracene
Concen: 41.747 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523

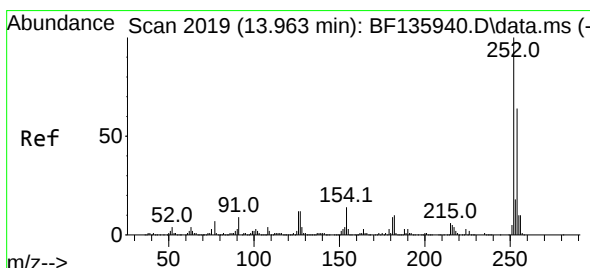
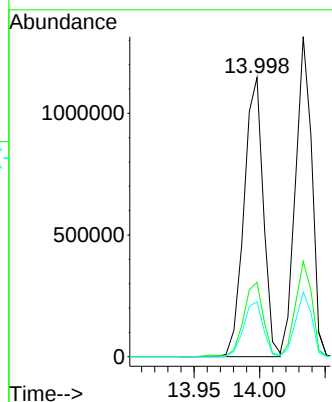
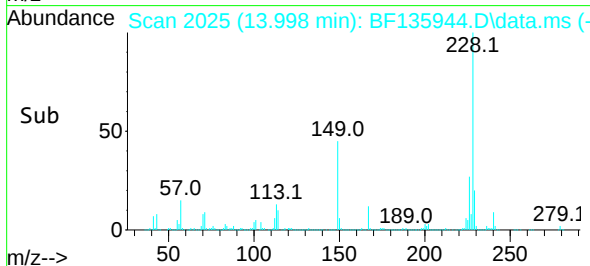


Tgt Ion:228 Resp: 1174552
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.6
229 19.7 16.2 24.4

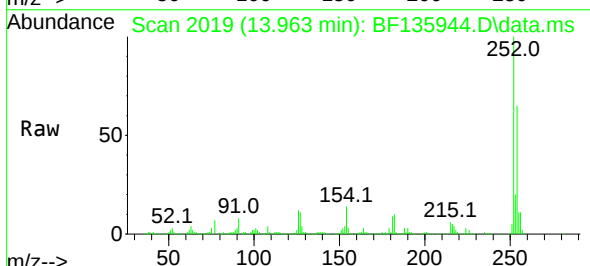
Manual Integrations

APPROVED

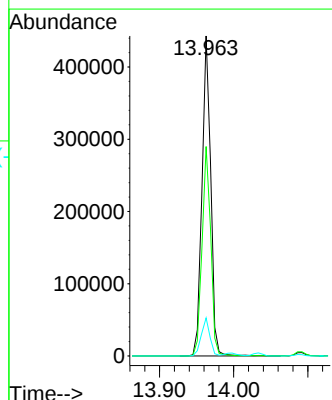
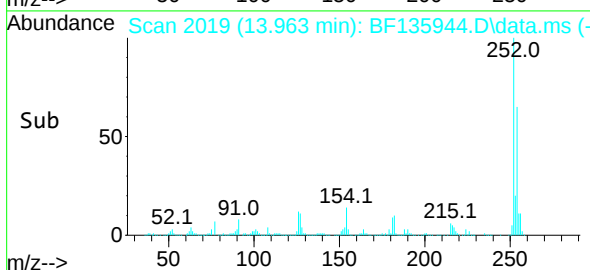
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

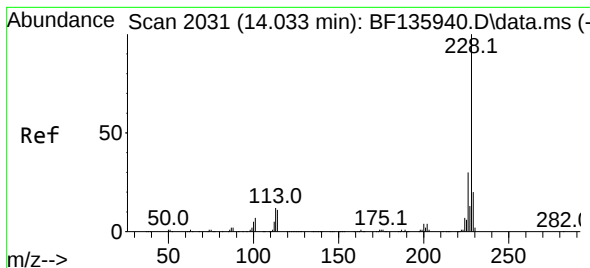


#82
3,3'-Dichlorobenzidine
Concen: 42.234 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49



Tgt Ion:252 Resp: 361506
Ion Ratio Lower Upper
252 100
254 65.5 50.9 76.3
126 11.9 9.8 14.6





#83

Chrysene

Concen: 41.518 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523

Tgt Ion:228 Resp: 1137694

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

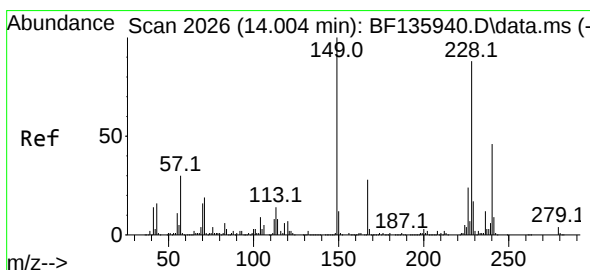
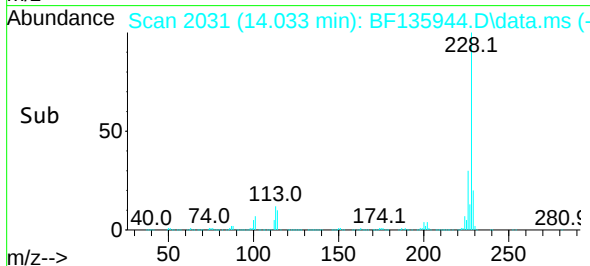
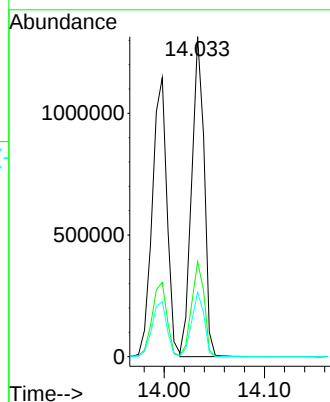
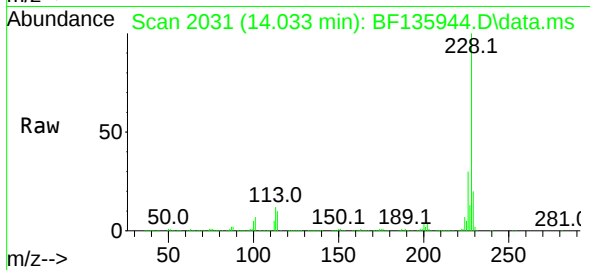
229 20.2 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.717 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

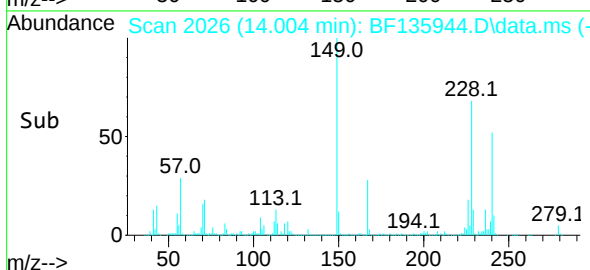
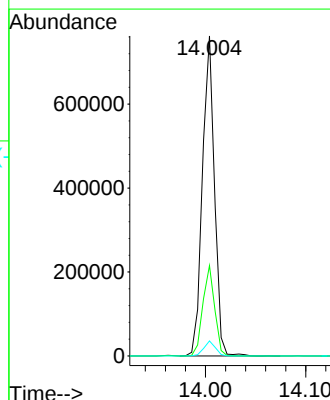
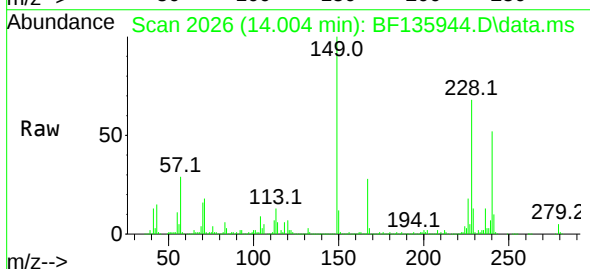
Tgt Ion:149 Resp: 638862

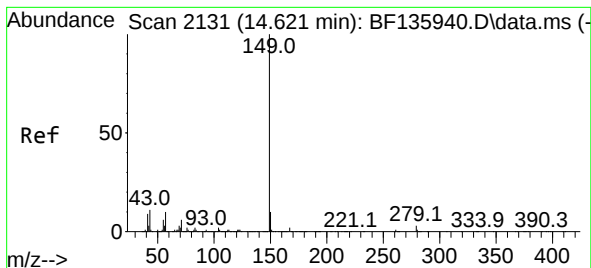
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.2

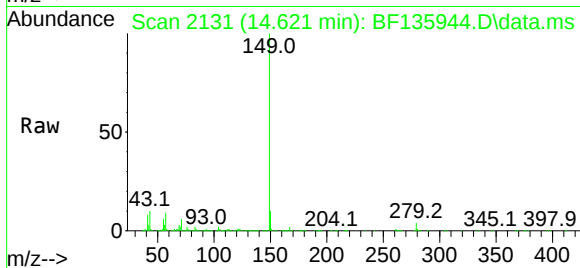
279 4.7 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 46.178 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

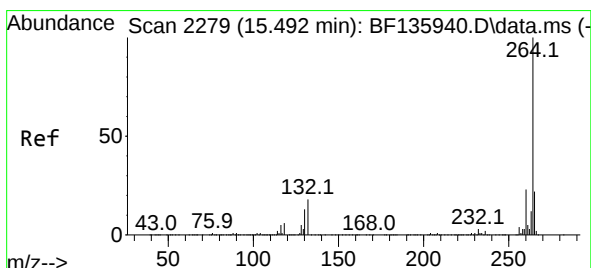
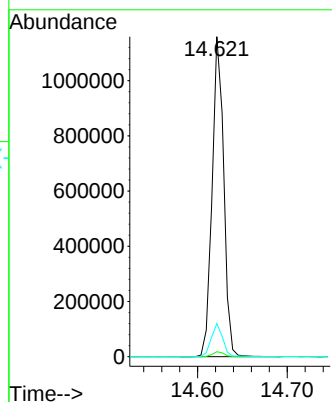
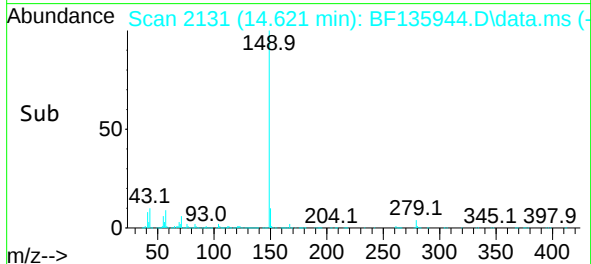
Instrument :
BNA_F
ClientSampleId :
ICVBF102523



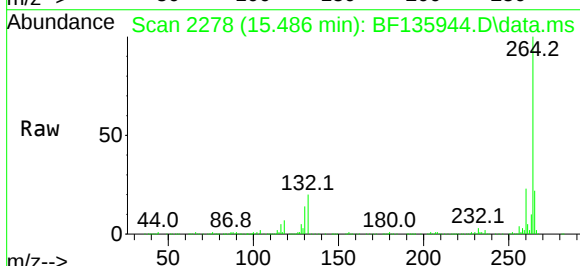
Tgt Ion:149 Resp: 103927
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 8.6 12.8

Manual Integrations
APPROVED

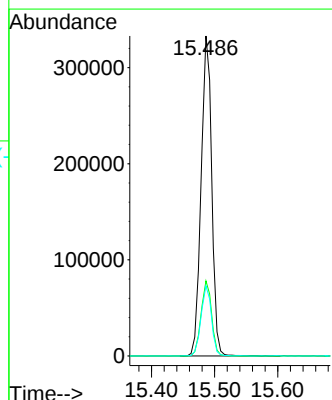
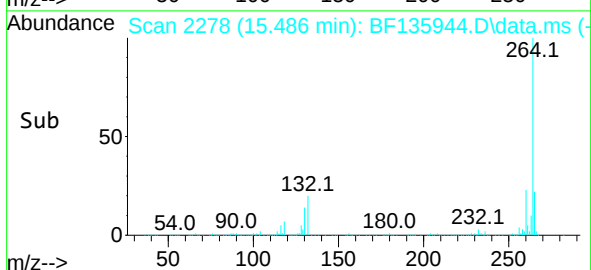
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

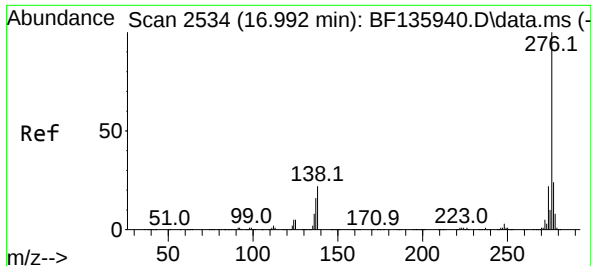


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49



Tgt Ion:264 Resp: 388575
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.9 17.3 25.9





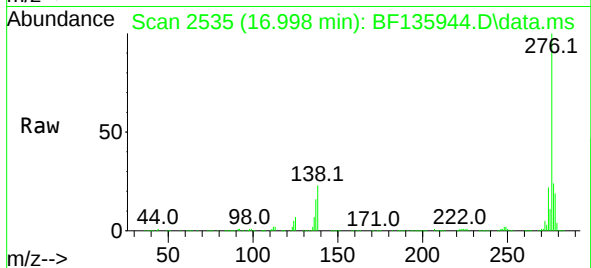
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.989 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102523

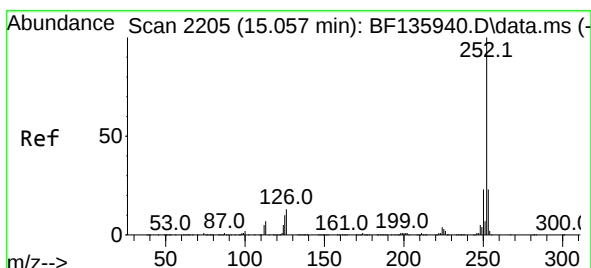
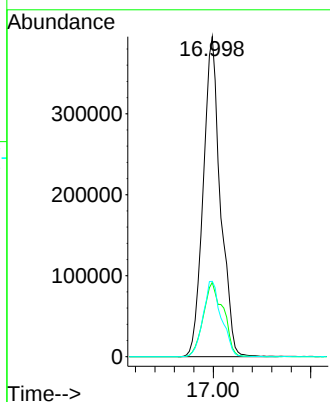
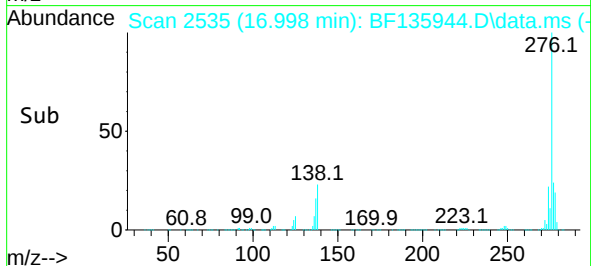


Tgt Ion:276 Resp: 969230
Ion Ratio Lower Upper
276 100
138 27.0 21.8 32.6
277 25.2 20.0 30.0

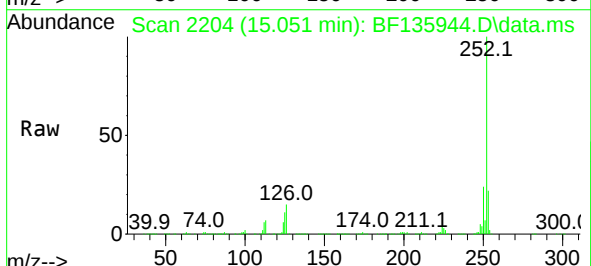
Manual Integrations

APPROVED

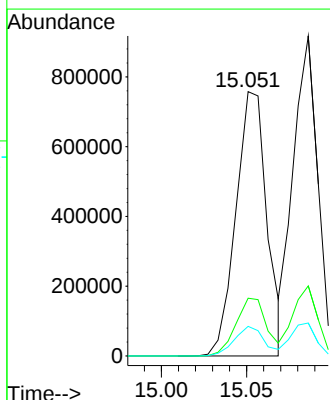
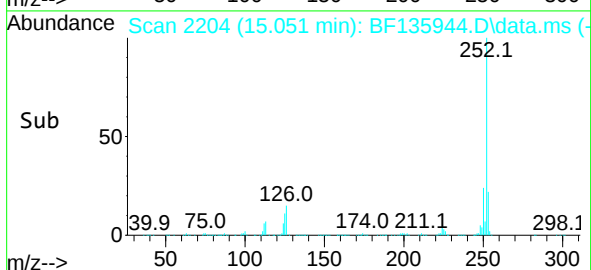
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

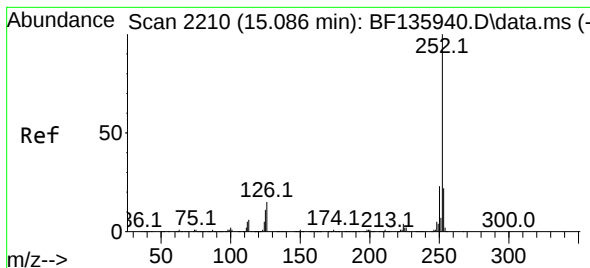


#88
Benzo(b)fluoranthene
Concen: 41.539 ng
RT: 15.051 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49



Tgt Ion:252 Resp: 960591
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 11.2 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 40.581 ng

RT: 15.086 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

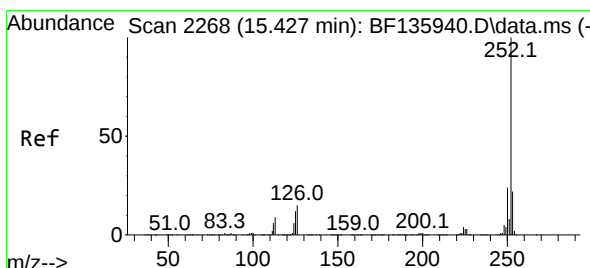
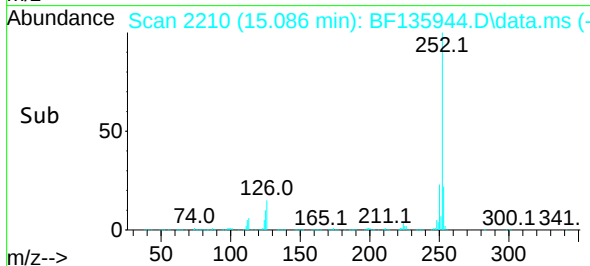
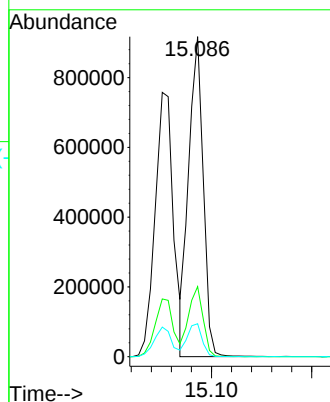
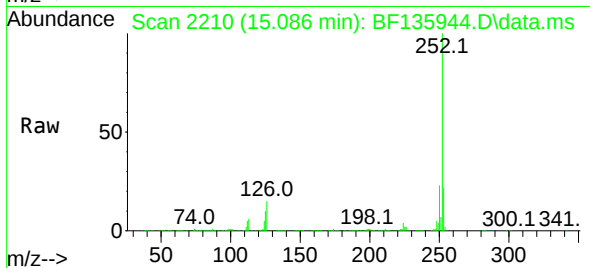
ICVBF102523

Tgt Ion:252 Resp: 921657
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.7 26.5
 125 10.3 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023



#90

Benzo(a)pyrene

Concen: 41.264 ng

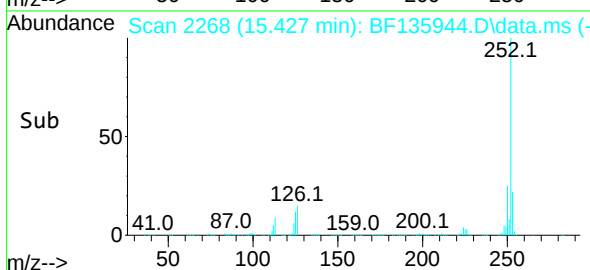
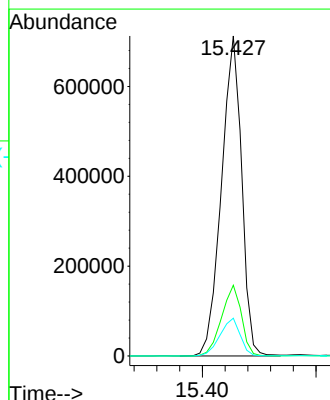
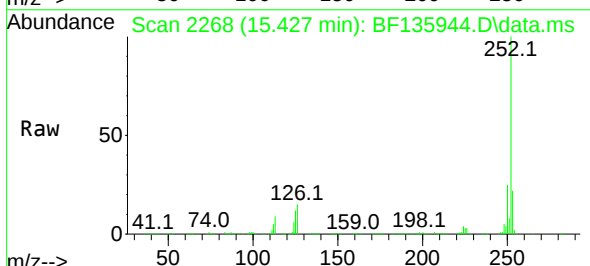
RT: 15.427 min Scan# 2268

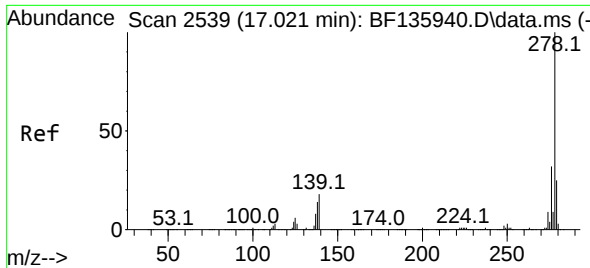
Delta R.T. 0.000 min

Lab File: BF135944.D

Acq: 25 Oct 2023 16:49

Tgt Ion:252 Resp: 879457
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.2
 125 11.8 9.6 14.4





#91
Dibenzo(a,h)anthracene
Concen: 42.494 ng
RT: 17.021 min Scan# 2539
Delta R.T. 0.000 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Instrument :

BNA_F

ClientSampleId :

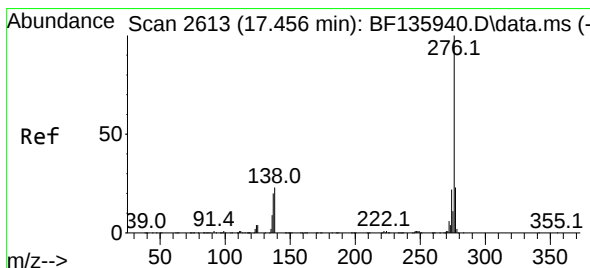
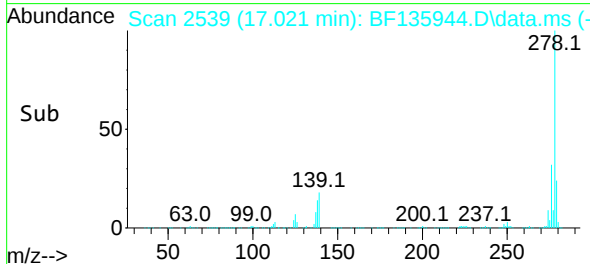
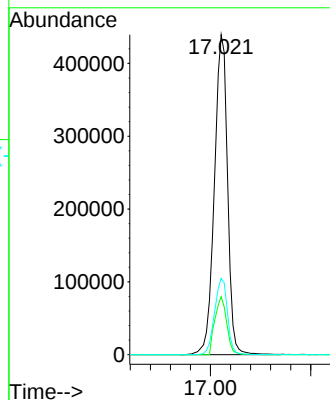
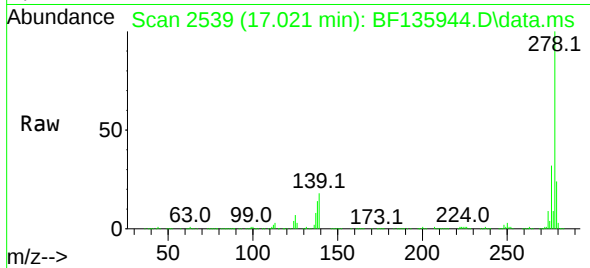
ICVBF102523

Tgt Ion:278 Resp: 80086
Ion Ratio Lower Upper
278 100
139 18.1 14.0 21.0
279 23.8 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#92
Benzo(g,h,i)perylene
Concen: 39.354 ng
RT: 17.457 min Scan# 2613
Delta R.T. 0.001 min
Lab File: BF135944.D
Acq: 25 Oct 2023 16:49

Tgt Ion:276 Resp: 827549
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 22.0 18.4 27.6

