

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
 Data File : BF135985.D
 Acq On : 27 Oct 2023 15:27
 Operator : CG\JU
 Sample : 04882-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-218MS

Quant Time: Oct 27 22:31:16 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2023
 Supervised By :mohammad ahmed 10/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	172748	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	687960	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	349772	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	580075	20.000	ng	0.00
76) Chrysene-d12	14.016	240	310123	20.000	ng	0.00
86) Perylene-d12	15.498	264	378833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1111260	99.334	ng	0.01
7) Phenol-d6	6.463	99	1407259	101.041	ng	0.00
23) Nitrobenzene-d5	7.392	82	796556	75.948	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	386193	126.143	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1502346	68.777	ng	0.00
79) Terphenyl-d14	12.957	244	1286198	69.293	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	213132	41.013	ng	97
3) Pyridine	3.422	79	514676	35.882	ng	98
4) n-Nitrosodimethylamine	3.399	42	265445	42.442	ng	97
6) Aniline	6.492	93	377798	20.145	ng	98
8) 2-Chlorophenol	6.610	128	584077	50.433	ng	99
9) Benzaldehyde	6.375	77	201973	26.808	ng	97
10) Phenol	6.475	94	684961m	47.043	ng	
11) bis(2-Chloroethyl)ether	6.569	93	549660	48.499	ng	99
12) 1,3-Dichlorobenzene	6.769	146	595663	48.422	ng	97
13) 1,4-Dichlorobenzene	6.845	146	607717	49.190	ng	98
14) 1,2-Dichlorobenzene	6.998	146	571870	49.847	ng	100
15) Benzyl Alcohol	6.969	79	472137	47.954	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	782318	46.872	ng	96
17) 2-Methylphenol	7.081	107	454565	44.534	ng	99
18) Hexachloroethane	7.339	117	216096	51.440	ng	93
19) n-Nitroso-di-n-propyla...	7.245	70	377844	47.708	ng	97
20) 3+4-Methylphenols	7.234	107	550633	44.697	ng	# 89
22) Acetophenone	7.239	105	747960	48.137	ng	# 95
24) Nitrobenzene	7.410	77	570248	49.942	ng	97
25) Isophorone	7.651	82	1077564	49.553	ng	97
26) 2-Nitrophenol	7.728	139	287733	62.581	ng	92
27) 2,4-Dimethylphenol	7.763	122	442336	44.631	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	663077	49.655	ng	99
29) 2,4-Dichlorophenol	7.963	162	474549	53.470	ng	98
30) 1,2,4-Trichlorobenzene	8.051	180	506871	50.442	ng	98
31) Naphthalene	8.134	128	1581803	47.557	ng	100
32) Benzoic acid	7.887	122	355190m	62.696	ng	
33) 4-Chloroaniline	8.175	127	88214	6.001	ng	99
34) Hexachlorobutadiene	8.251	225	288185	50.882	ng	99
35) Caprolactam	8.563	113	162539m	55.035	ng	
36) 4-Chloro-3-methylphenol	8.663	107	497706	52.771	ng	95
37) 2-Methylnaphthalene	8.822	142	1019654	46.334	ng	100
38) 1-Methylnaphthalene	8.922	142	995479	48.411	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	489330	49.533	ng	100
41) Hexachlorocyclopentadiene	8.975	237	377188	77.433	ng	96
43) 2,4,6-Trichlorophenol	9.098	196	330570	57.172	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	352673	51.372	ng	98
46) 1,1'-Biphenyl	9.292	154	1304716	49.229	ng	99
47) 2-Chloronaphthalene	9.316	162	991275	50.566	ng	99
48) 2-Nitroaniline	9.410	65	297341	53.961	ng	96
49) Acenaphthylene	9.728	152	1552398	50.196	ng	99
50) Dimethylphthalate	9.598	163	1156363	50.980	ng	99
51) 2,6-Dinitrotoluene	9.657	165	259758	54.506	ng	# 81
52) Acenaphthene	9.904	154	1009007	50.909	ng	98
53) 3-Nitroaniline	9.822	138	154163	29.356	ng	# 86
54) 2,4-Dinitrophenol	9.928	184	150869	82.379	ng	# 87
55) Dibenzofuran	10.075	168	1364244	47.646	ng	99
56) 4-Nitrophenol	9.980	139	423642	91.610	ng	95
57) 2,4-Dinitrotoluene	10.057	165	334358	56.296	ng	97
58) Fluorene	10.422	166	1003684	46.854	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	292919	56.702	ng	99
60) Diethylphthalate	10.298	149	1105124	51.093	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	497419	48.138	ng	98
62) 4-Nitroaniline	10.439	138	239549	43.480	ng	95
63) Azobenzene	10.575	77	1033894	47.101	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	112181	55.340	ng	95
66) n-Nitrosodiphenylamine	10.533	169	940319	53.659	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	328454	55.290	ng	97
68) Hexachlorobenzene	10.963	284	357594	56.350	ng	97
69) Atrazine	11.069	200	318534	66.678	ng	98
70) Pentachlorophenol	11.163	266	379697	93.610	ng	98
71) Phenanthrene	11.386	178	1520396	51.807	ng	99
72) Anthracene	11.439	178	1475341	49.097	ng	99
73) Carbazole	11.592	167	1226560	45.757	ng	99
74) Di-n-butylphthalate	11.933	149	1563317	54.806	ng	99
75) Fluoranthene	12.574	202	1342499	43.482	ng	97
77) Benzidine	12.698	184	221302	37.008	ng	99
78) Pyrene	12.810	202	1328911	51.035	ng	99
80) Butylbenzylphthalate	13.439	149	468156	47.607	ng	95
81) Benzo(a)anthracene	14.004	228	1087673	51.581	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	210176	32.762	ng	99
83) Chrysene	14.039	228	1043576	50.813	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	561838	52.471	ng	99
85) Di-n-octyl phthalate	14.627	149	1106203	65.582	ng	98
87) Indeno(1,2,3-cd)pyrene	17.009	276	885153	41.206	ng	98
88) Benzo(b)fluoranthene	15.068	252	1199540	53.206	ng	99
89) Benzo(k)fluoranthene	15.098	252	1041999	47.059	ng	99
90) Benzo(a)pyrene	15.439	252	1010163	48.616	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	735849	40.048	ng	99
92) Benzo(g,h,i)perylene	17.474	276	649735	32.424	ng	99

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

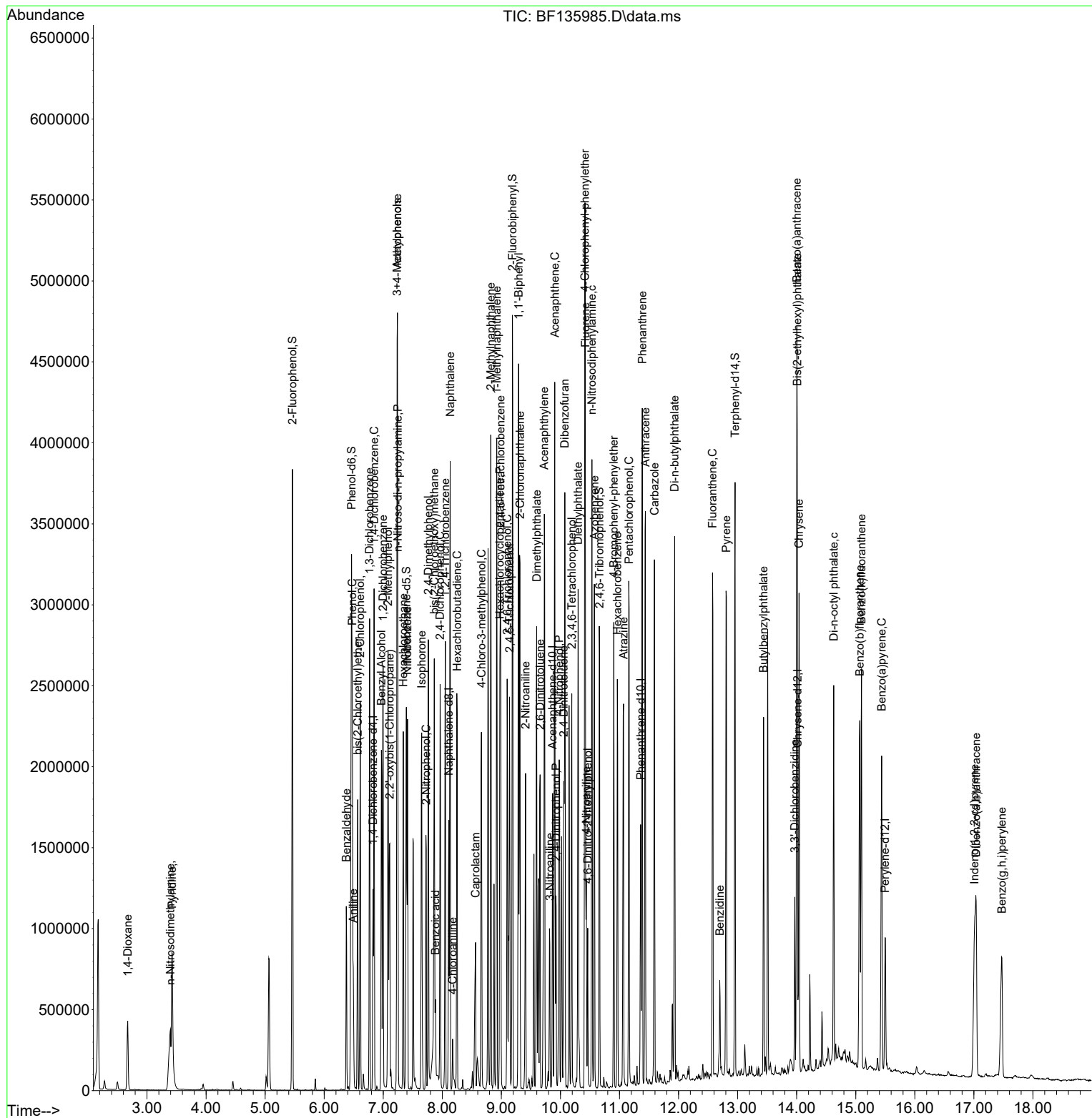
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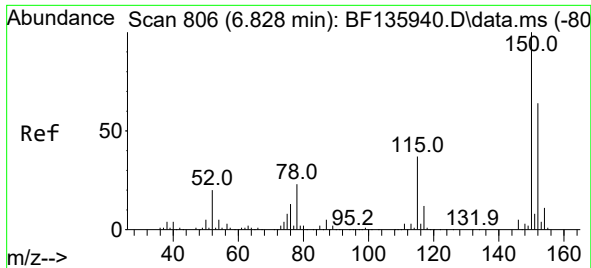
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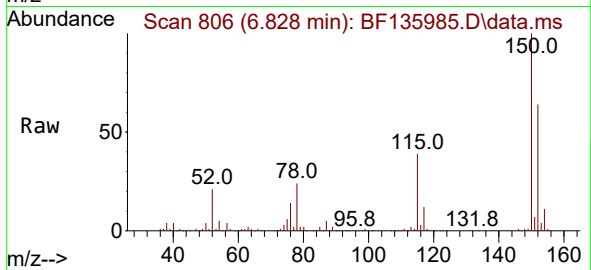
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF135985.D
 Acq: 27 Oct 2023 15:27

Instrument :

BNA_F

ClientSampleId :

VNJ-218MS

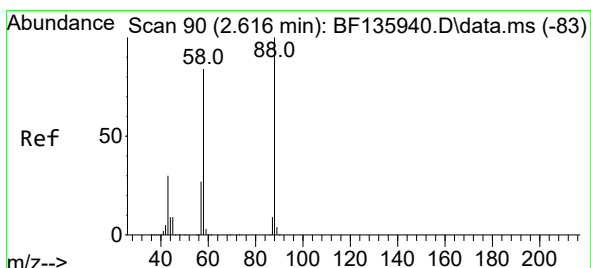
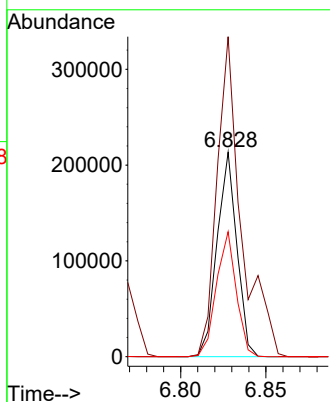
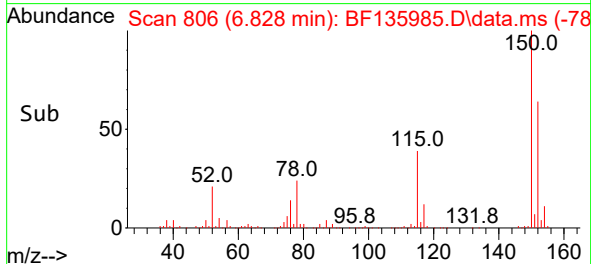


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 Ion Ratio Lower Upper
 152 100
 150 156.5 124.6 186.8
 115 61.1 46.6 69.8

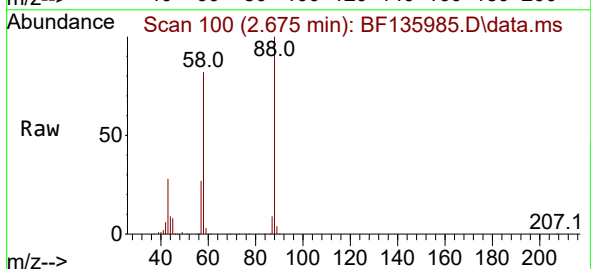
Manual Integrations

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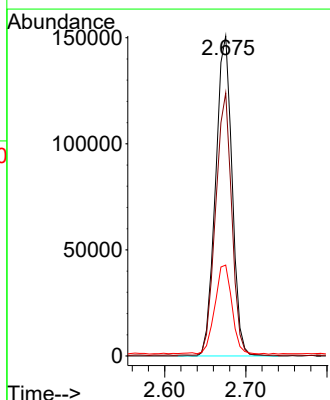
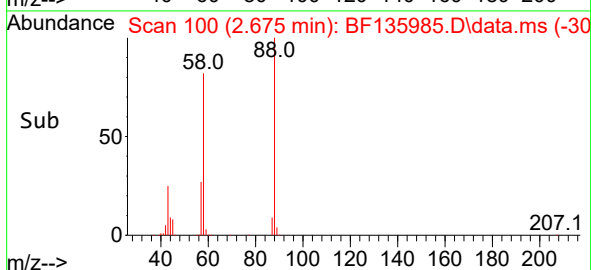
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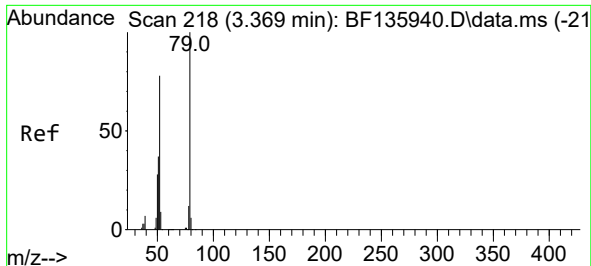


#2
 1,4-Dioxane
 Concen: 41.013 ng
 RT: 2.675 min Scan# 100
 Delta R.T. 0.059 min
 Lab File: BF135985.D
 Acq: 27 Oct 2023 15:27



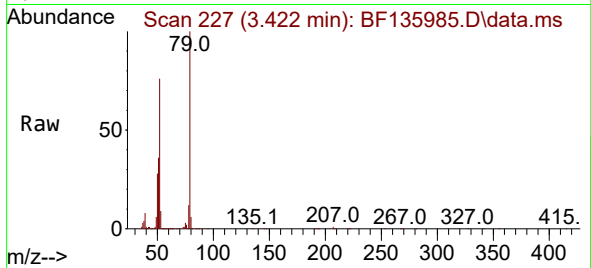
Tgt Ion: 88 Resp: 213132
 Ion Ratio Lower Upper
 88 100
 58 80.4 66.6 100.0
 43 28.9 23.8 35.8





#3
Pyridine
Concen: 35.882 ng
RT: 3.422 min Scan# 218
Delta R.T. 0.053 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

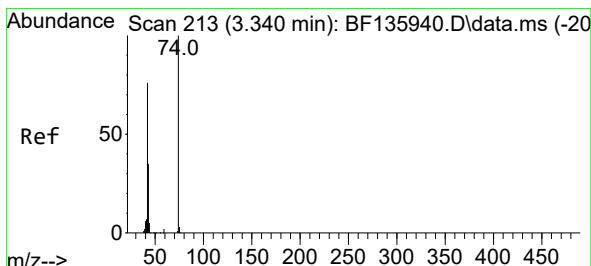
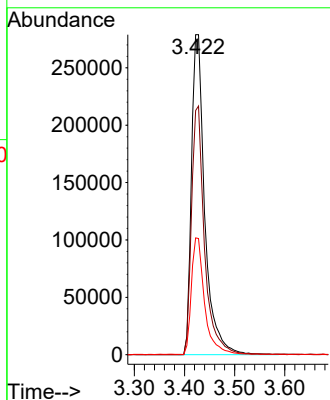
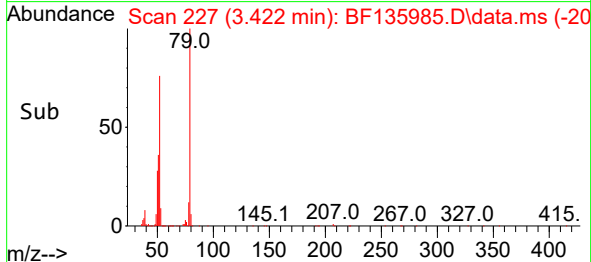
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



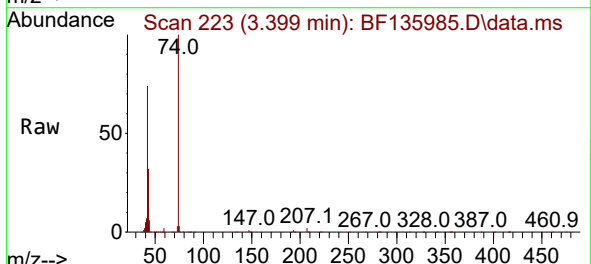
Tgt Ion: 79 Resp: 514670
Ion Ratio Lower Upper
79 100
52 76.3 62.6 93.8
51 36.5 29.8 44.8

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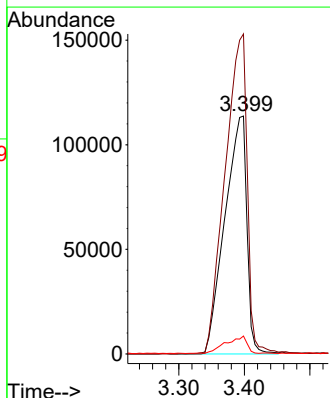
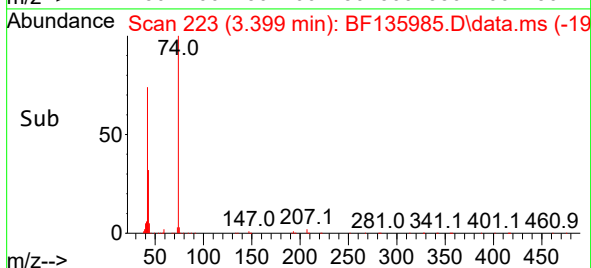
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Supervised By :mohammad ahmed 10/28/2023

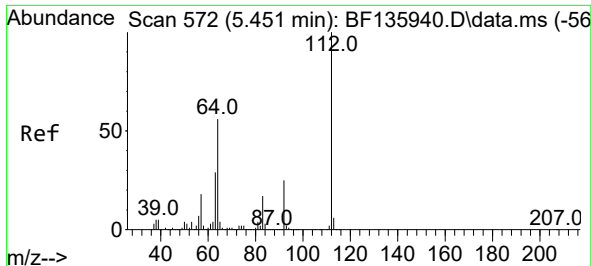


#4
n-Nitrosodimethylamine
Concen: 42.442 ng
RT: 3.399 min Scan# 223
Delta R.T. 0.059 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27



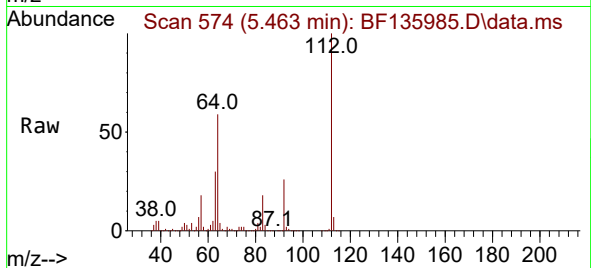
Tgt Ion: 42 Resp: 265445
Ion Ratio Lower Upper
42 100
74 134.5 104.8 157.2
44 7.6 5.9 8.9





#5
2-Fluorophenol
Concen: 99.334 ng
RT: 5.463 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

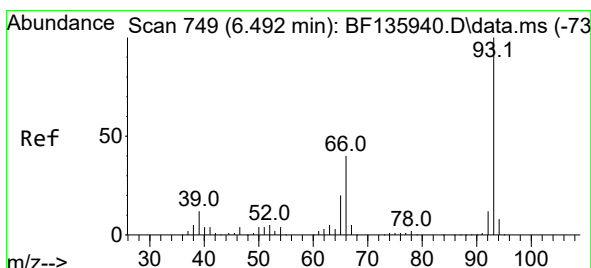
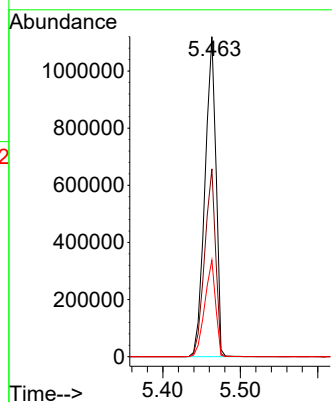
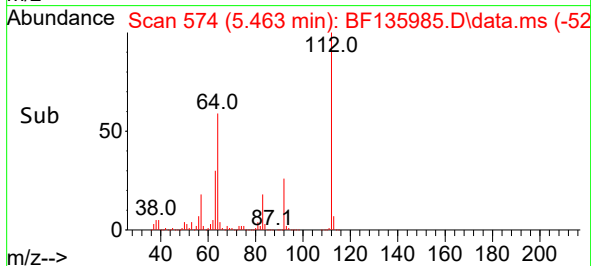
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



Tgt Ion:112 Resp: 1111260
Ion Ratio Lower Upper
112 100
64 58.7 45.1 67.7
63 30.2 23.0 34.4

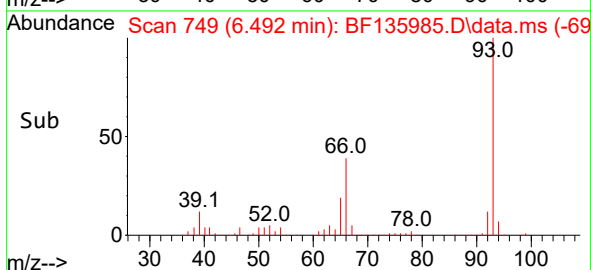
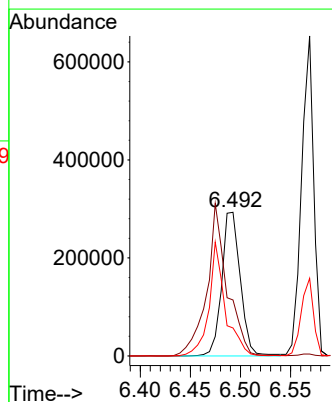
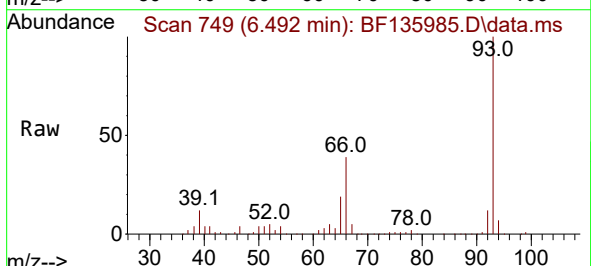
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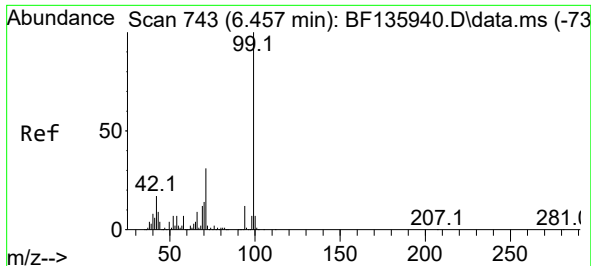
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#6
Aniline
Concen: 20.145 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Tgt Ion: 93 Resp: 377798
Ion Ratio Lower Upper
93 100
66 39.0 32.0 48.0
65 19.5 16.2 24.4





#7

Phenol-d6

Concen: 101.041 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

Instrument :

BNA_F

ClientSampleId :

VNJ-218MS

Tgt Ion: 99 Resp: 140725

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.8

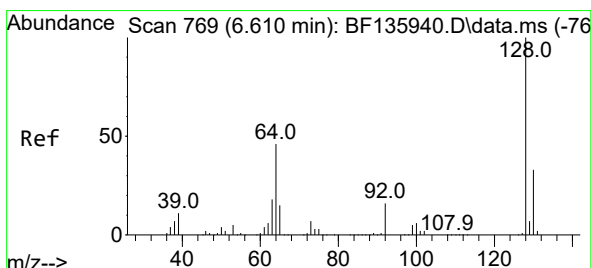
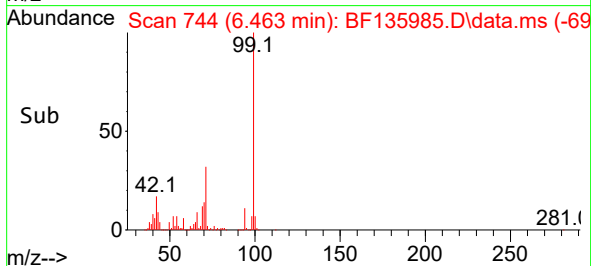
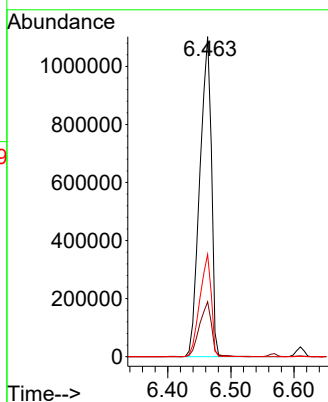
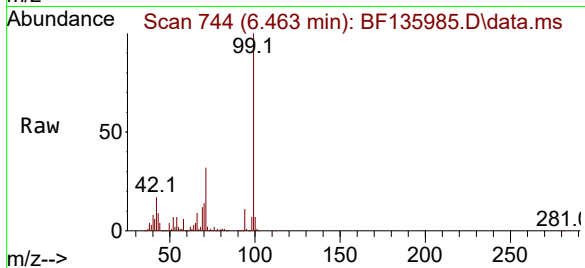
71 32.0 25.1 37.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 50.433 ng

RT: 6.610 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

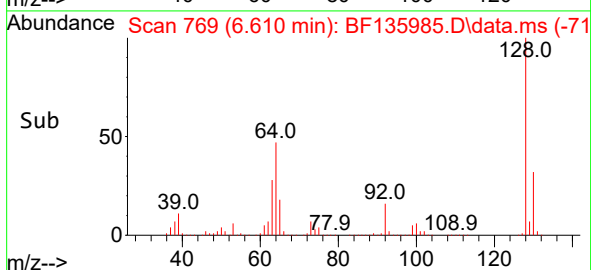
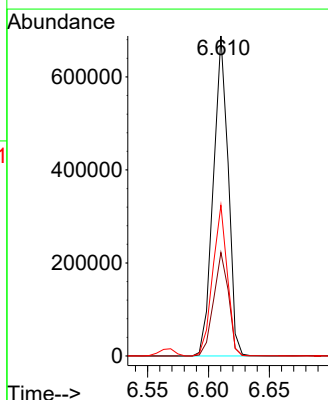
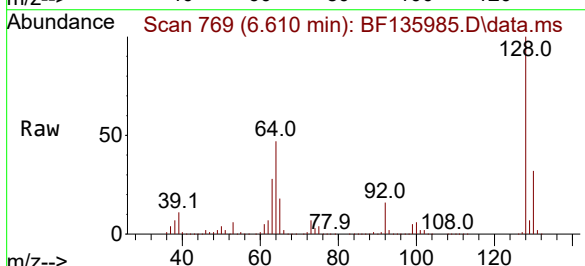
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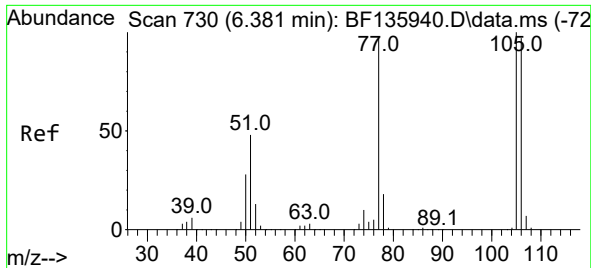
Ion Ratio Lower Upper

128 100

130 32.4 13.1 53.1

64 47.1 27.0 67.0





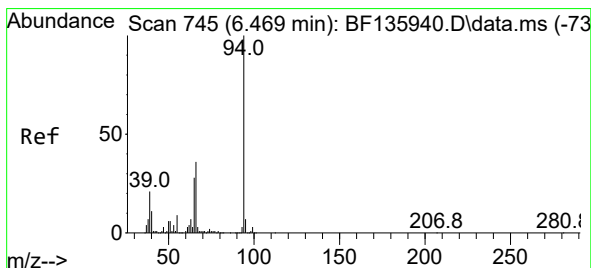
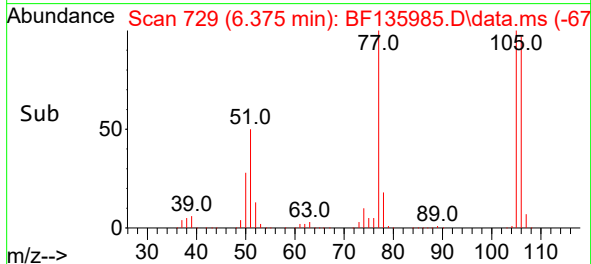
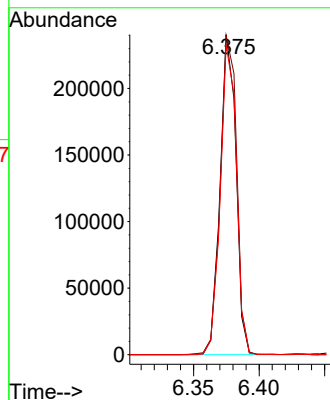
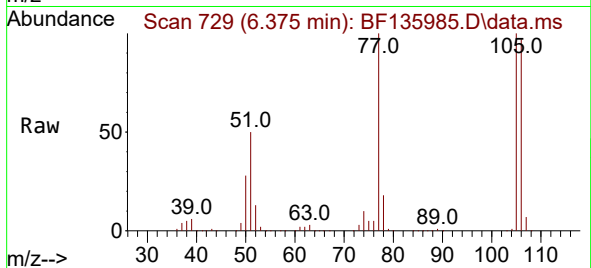
#9
Benzaldehyde
Concen: 26.808 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Instrument :
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Tgt Ion: 77 Resp: 20197
Ion Ratio Lower Upper
77 100
105 99.8 83.2 123.2
106 96.8 80.0 120.0

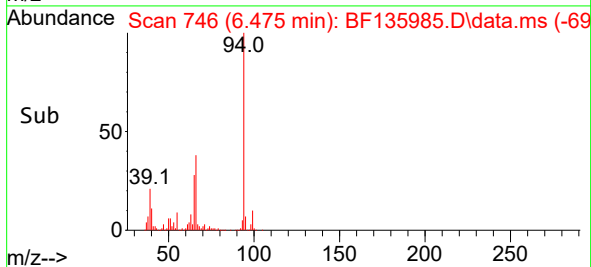
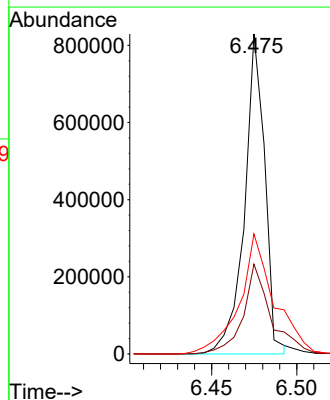
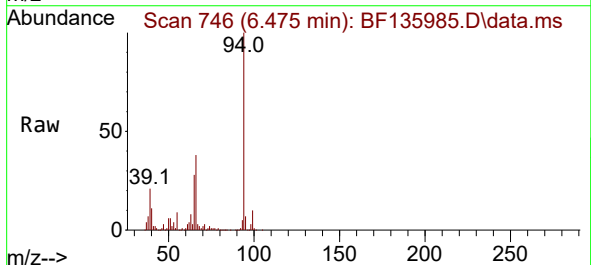
Manual Integrations
APPROVED

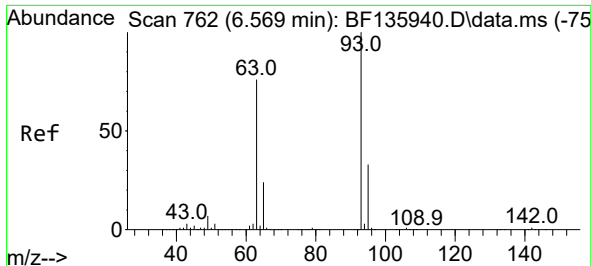
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#10
Phenol
Concen: 47.043 ng m
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

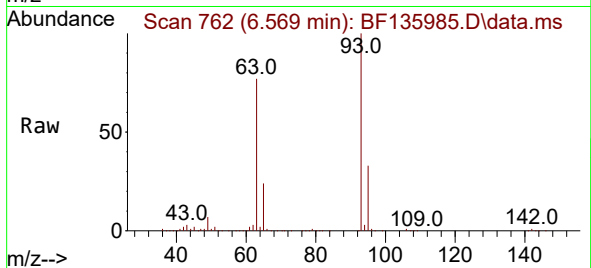
Tgt Ion: 94 Resp: 684961
Ion Ratio Lower Upper
94 100
65 28.0 7.8 47.8
66 37.5 16.5 56.5





#11
bis(2-Chloroethyl)ether
Concen: 48.499 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

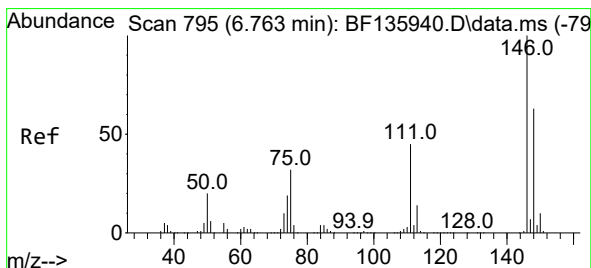
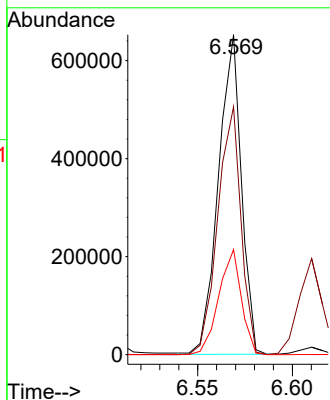
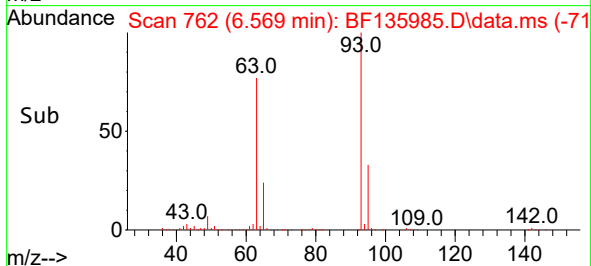
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



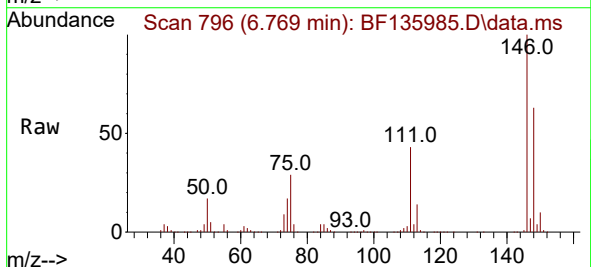
Tgt Ion: 93 Resp: 549660
Ion Ratio Lower Upper
93 100
63 77.5 56.2 96.2
95 32.8 12.9 52.9

Manual Integrations
APPROVED

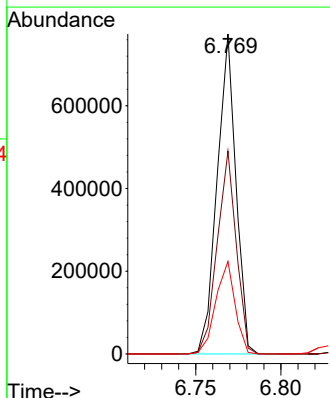
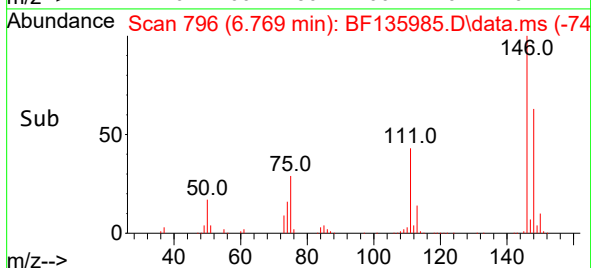
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

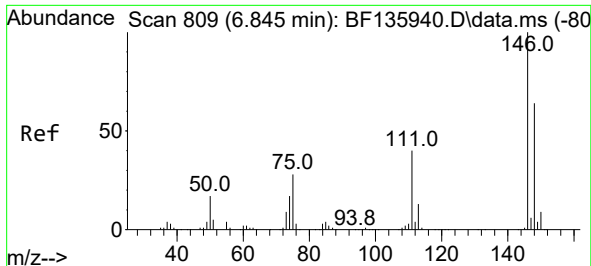


#12
1,3-Dichlorobenzene
Concen: 48.422 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27



Tgt Ion:146 Resp: 595663
Ion Ratio Lower Upper
146 100
148 63.4 50.2 75.4
75 28.9 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 49.190 ng

RT: 6.845 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

Instrument :

BNA_F

ClientSampleId :

VNJ-218MS

Tgt Ion:146 Resp: 60771

Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.2

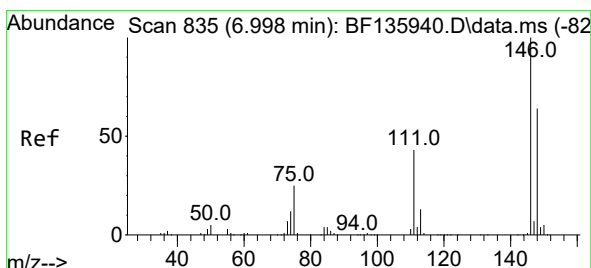
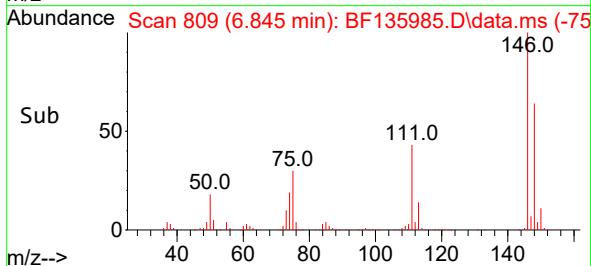
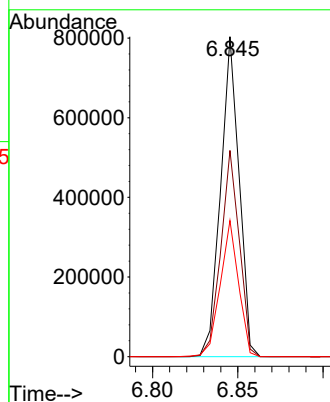
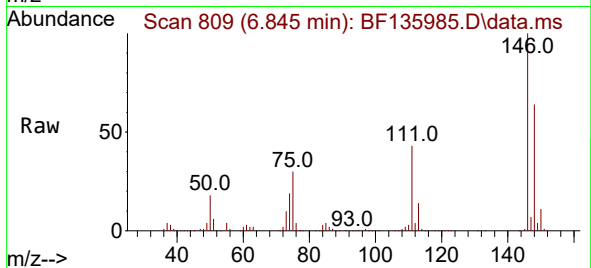
111 42.5 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2023

Supervised By :mohammad ahmed 10/28/2023



#14

1,2-Dichlorobenzene

Concen: 49.847 ng

RT: 6.998 min Scan# 835

Delta R.T. 0.000 min

Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

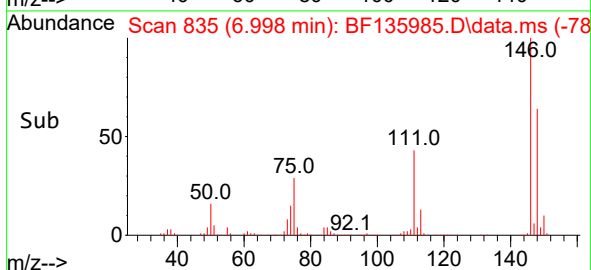
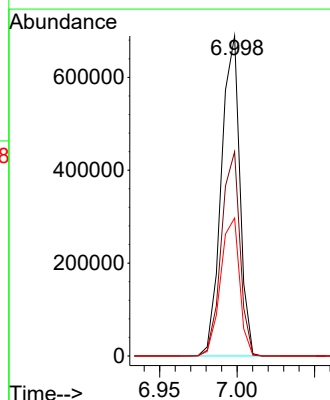
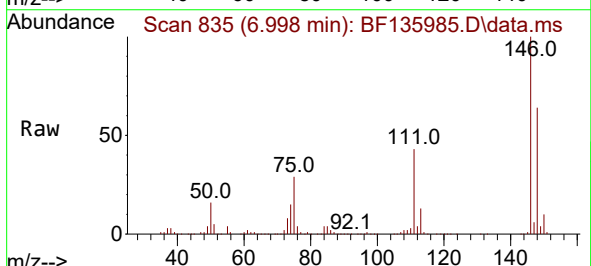
Tgt Ion:146 Resp: 571870

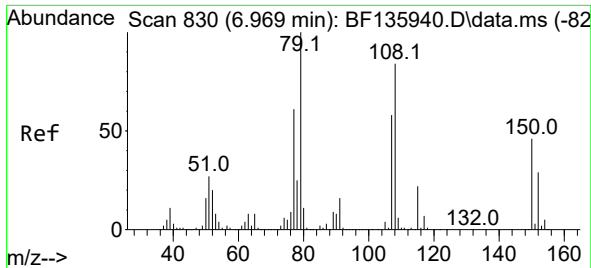
Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

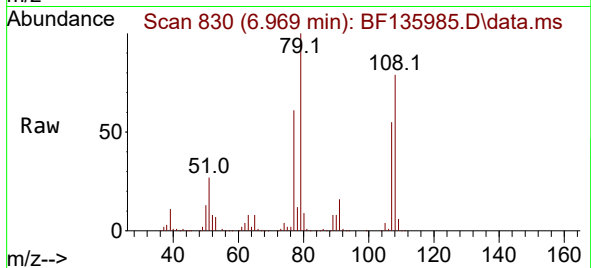
111 43.1 34.2 51.4





#15
Benzyl Alcohol
Concen: 47.954 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

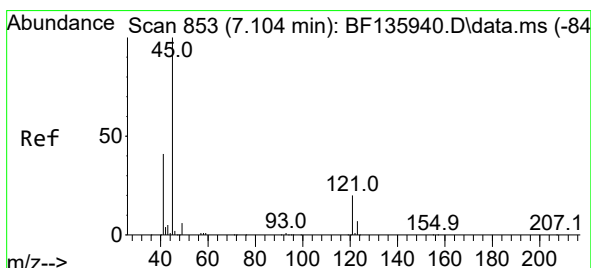
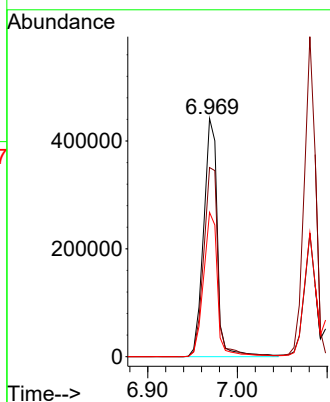
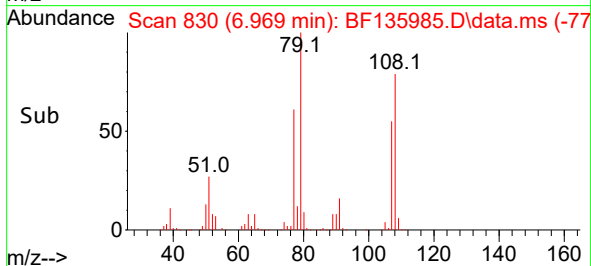
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



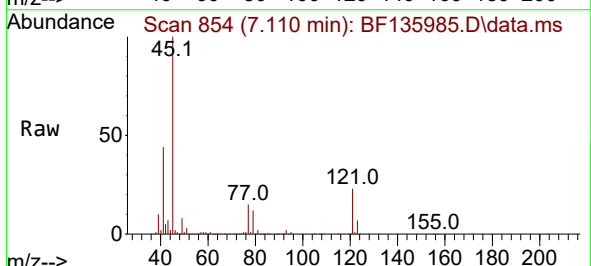
Tgt Ion: 79 Resp: 47213
Ion Ratio Lower Upper
79 100
108 79.4 67.2 100.8
77 60.6 49.0 73.6

Manual Integrations
APPROVED

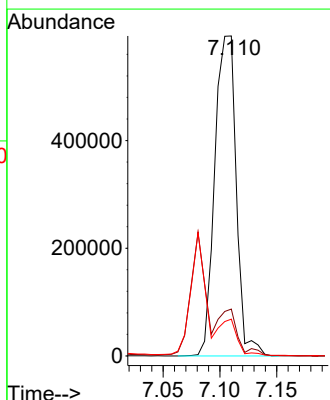
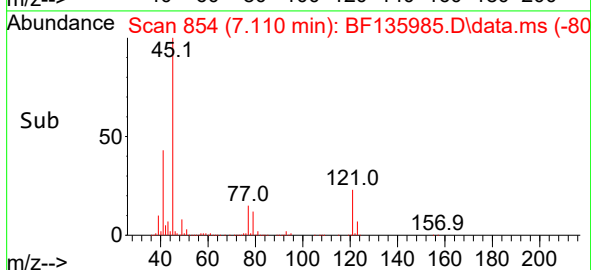
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

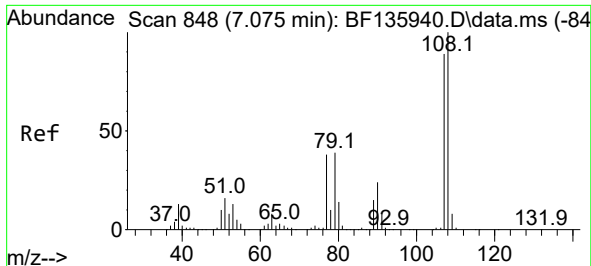


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.872 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27



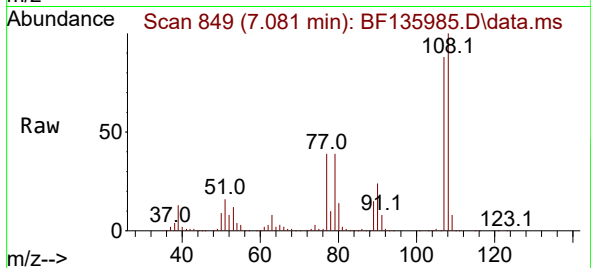
Tgt Ion: 45 Resp: 782318
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.2
79 11.5 0.0 29.8





#17
2-Methylphenol
Concen: 44.534 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

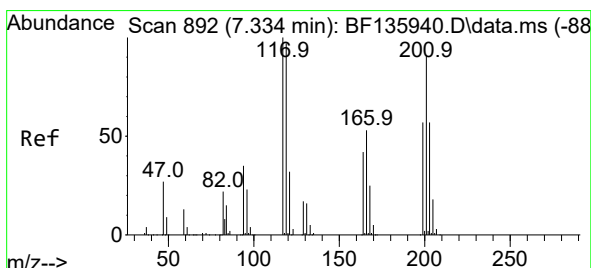
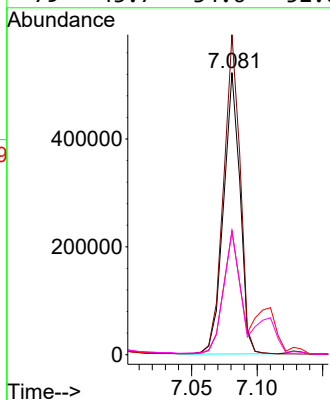
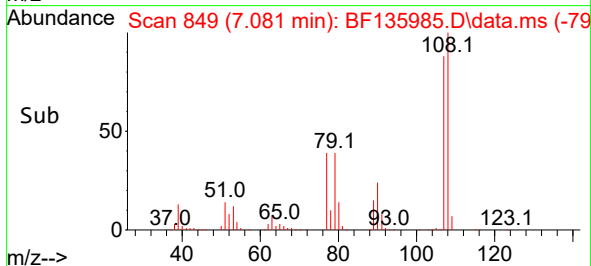
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



Tgt Ion:107 Resp: 45456
Ion Ratio Lower Upper
107 100
108 113.4 89.8 134.6
77 43.9 34.2 51.2
79 43.7 34.6 52.0

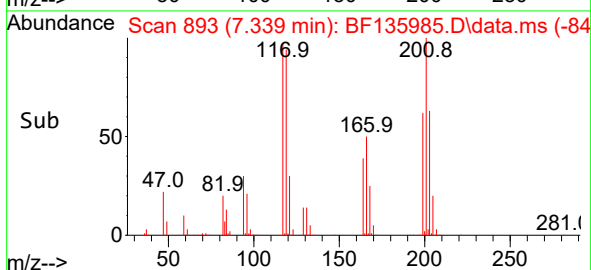
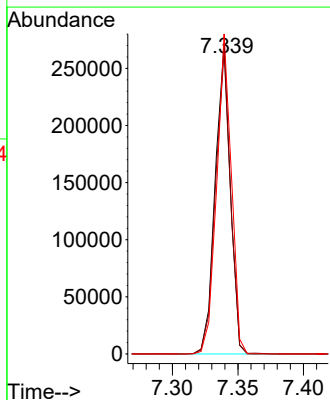
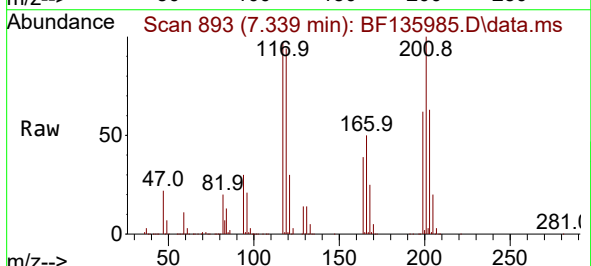
Manual Integrations
APPROVED

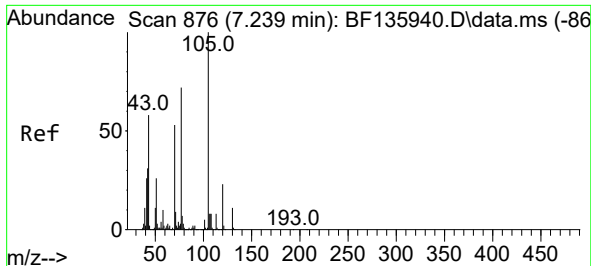
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#18
Hexachloroethane
Concen: 51.440 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

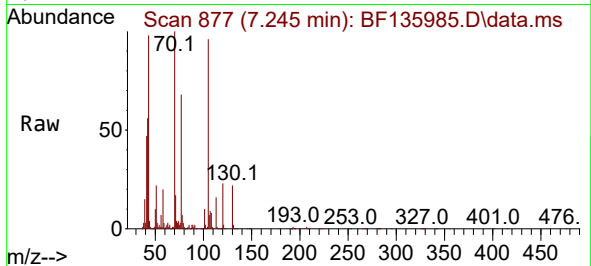
Tgt Ion:117 Resp: 216096
Ion Ratio Lower Upper
117 100
119 97.3 77.3 115.9
201 103.0 72.8 109.2





#19
n-Nitroso-di-n-propylamine
Concen: 47.708 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

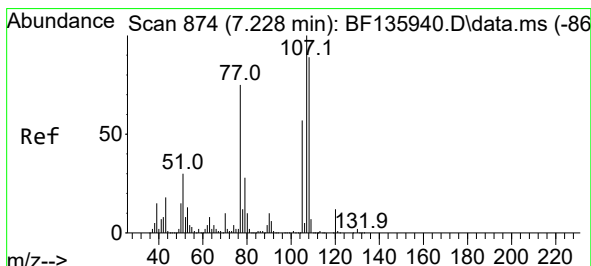
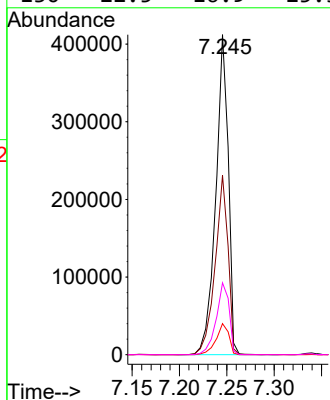
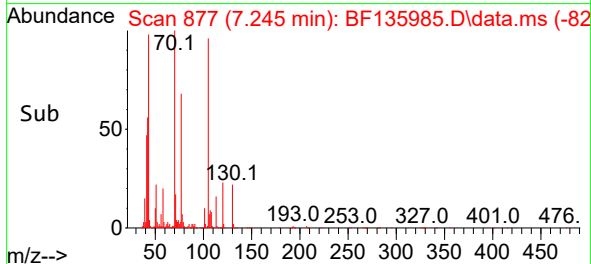
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



Tgt Ion: 70 Resp: 377844
Ion Ratio Lower Upper
70 100
42 56.1 47.3 70.9
101 9.7 7.8 11.8
130 22.5 16.9 25.3

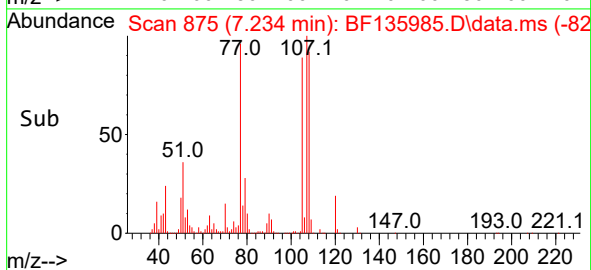
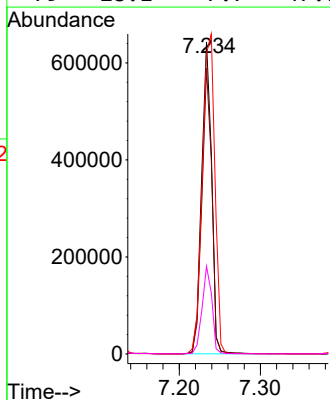
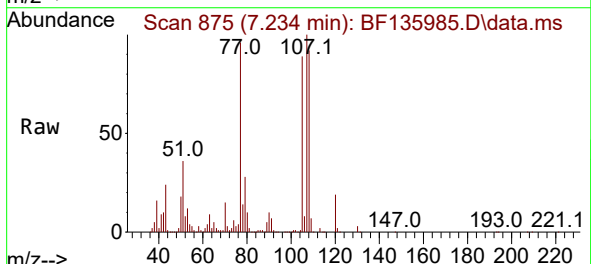
Manual Integrations
APPROVED

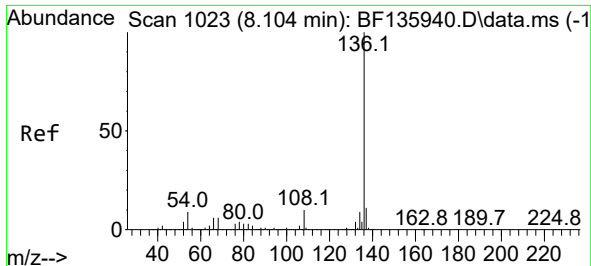
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#20
3+4-Methylphenols
Concen: 44.697 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Tgt Ion:107 Resp: 550633
Ion Ratio Lower Upper
107 100
108 91.5 69.1 109.1
77 96.3 55.0 95.0#
79 28.1 7.7 47.7





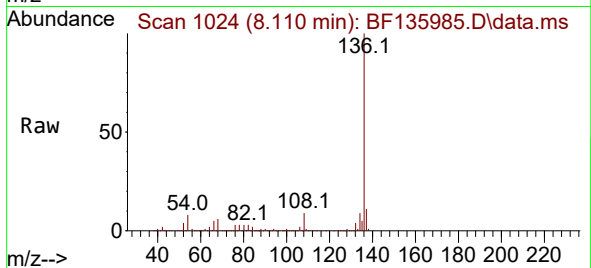
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Instrument :

BNA_F

ClientSampleId :

VNJ-218MS

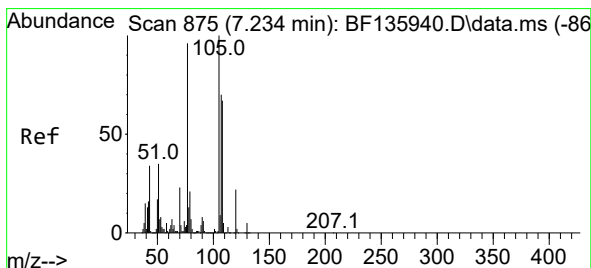
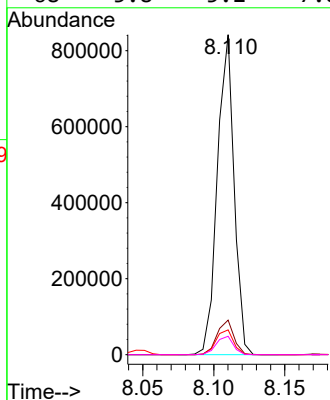
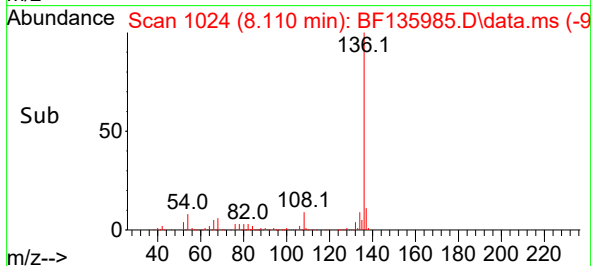


Tgt Ion:136 Resp: 687960
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.7 7.1 10.7
68 5.8 5.2 7.8

Manual Integrations

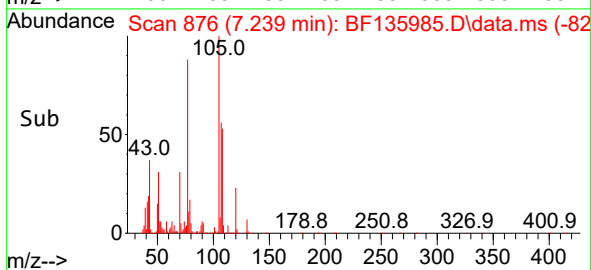
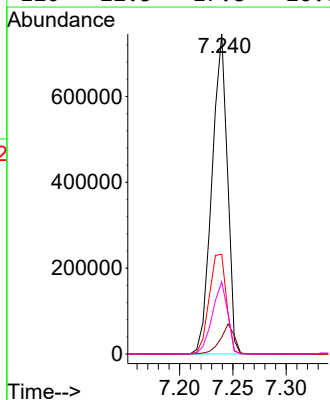
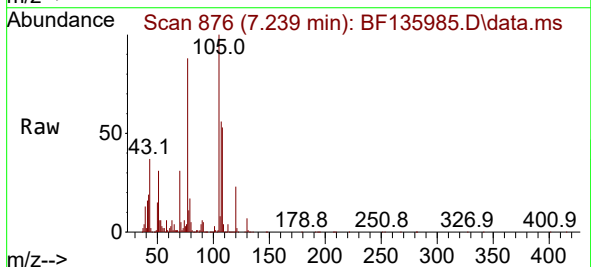
APPROVED

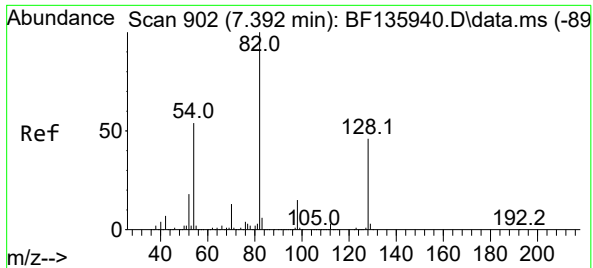
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#22
Acetophenone
Concen: 48.137 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Tgt Ion:105 Resp: 747960
Ion Ratio Lower Upper
105 100
71 5.2 3.4 5.2#
51 31.2 28.4 42.6
120 22.5 17.8 26.6





#23

Nitrobenzene-d5

Concen: 75.948 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

Instrument :

BNA_F

ClientSampleId :

VNJ-218MS

Tgt Ion: 82 Resp: 796550

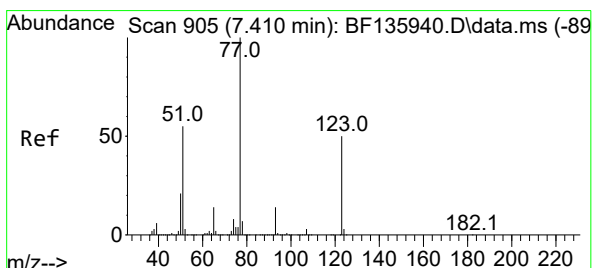
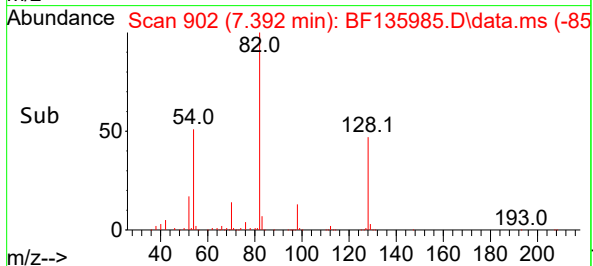
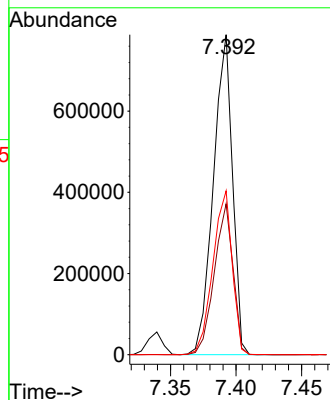
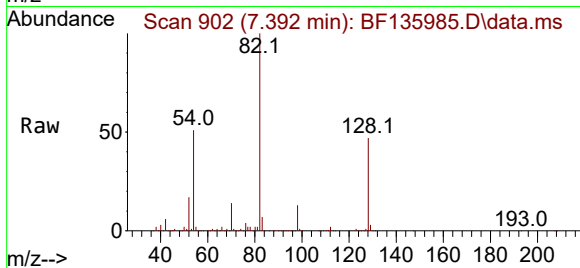
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.8	55.2
54	51.2	43.4	65.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2023

Supervised By :mohammad ahmed 10/28/2023



#24

Nitrobenzene

Concen: 49.942 ng

RT: 7.410 min Scan# 905

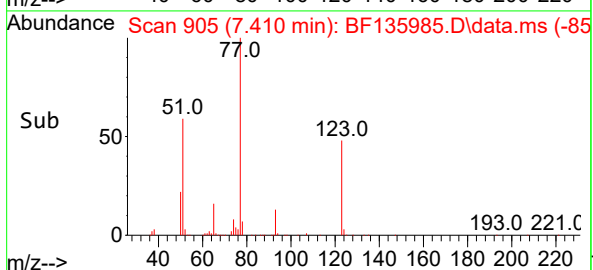
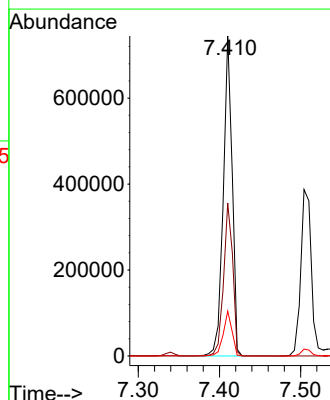
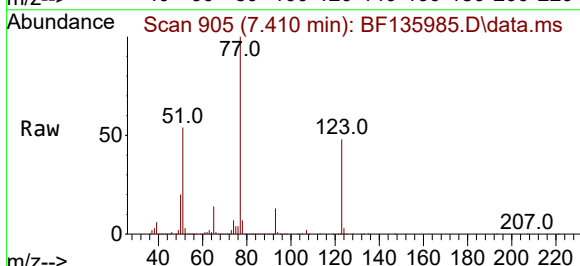
Delta R.T. 0.000 min

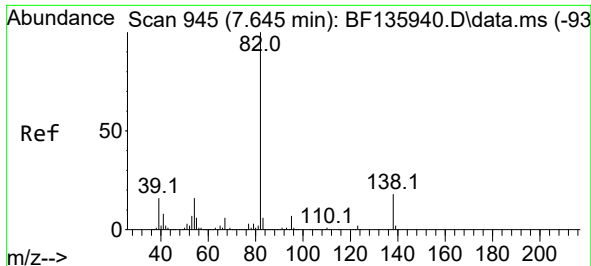
Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

Tgt Ion: 77 Resp: 570248

Ion	Ratio	Lower	Upper
77	100		
123	47.8	40.2	60.2
65	14.0	11.0	16.4





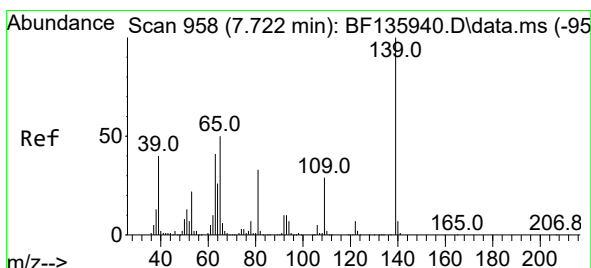
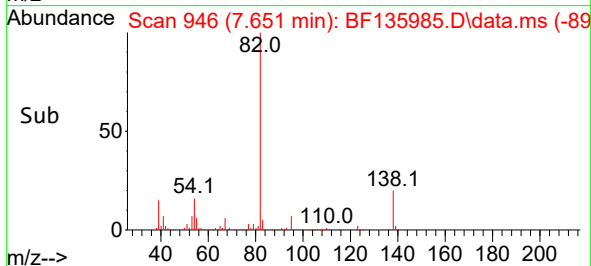
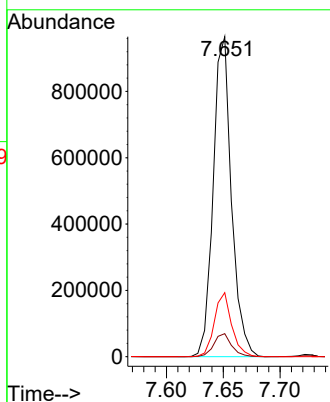
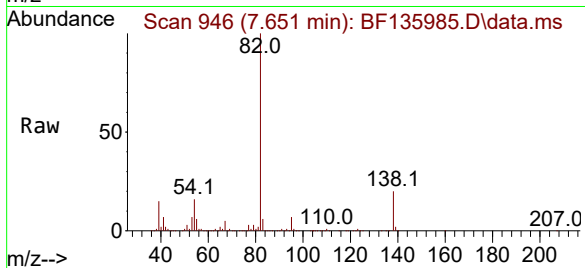
#25
Isophorone
Concen: 49.553 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Instrument :
BNA_F
ClientSampleId :
VNJ-218MS

Tgt Ion: 82 Resp: 1077564
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 20.0 14.8 22.2

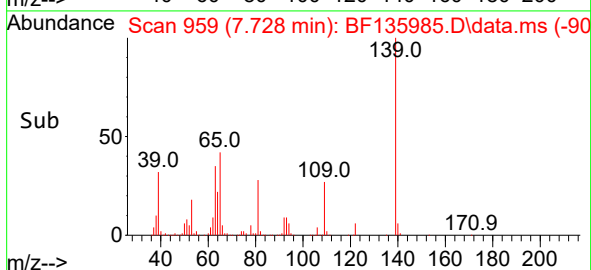
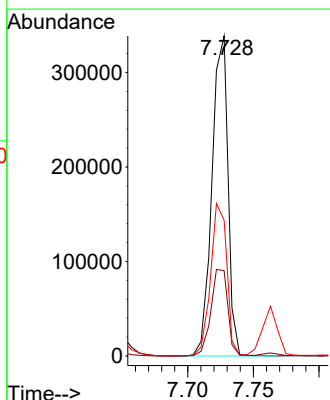
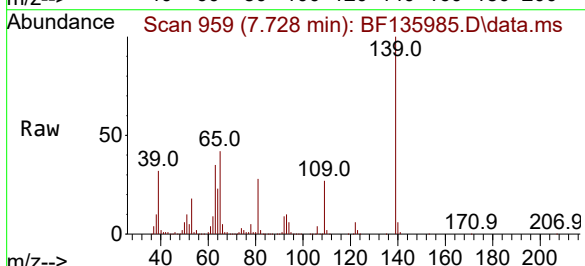
Manual Integrations
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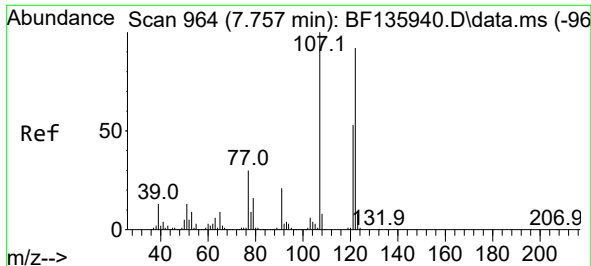
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#26
2-Nitrophenol
Concen: 62.581 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Tgt Ion:139 Resp: 287733
Ion Ratio Lower Upper
139 100
109 26.7 23.1 34.7
65 42.4 39.8 59.8





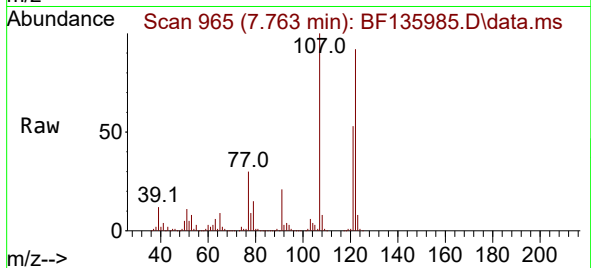
#27
2,4-Dimethylphenol
Concen: 44.631 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Instrument :

BNA_F

ClientSampleId :

VNJ-218MS

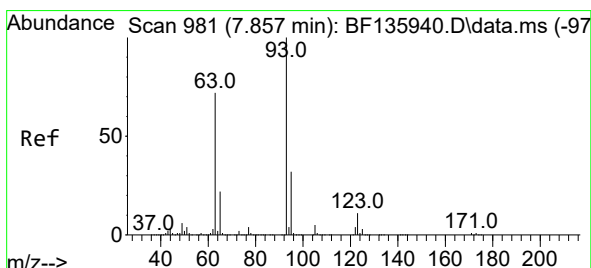
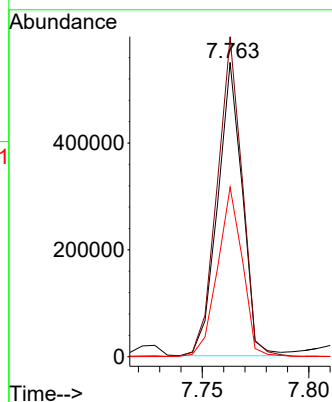
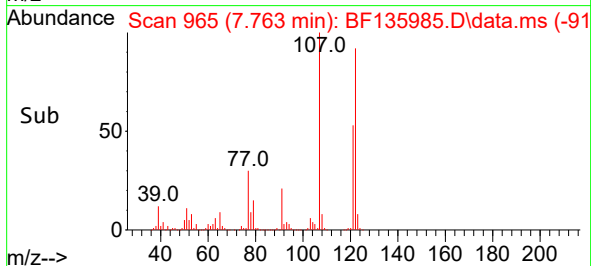


Tgt Ion:122 Resp: 442330
Ion Ratio Lower Upper
122 100
107 108.8 87.1 130.7
121 57.7 45.9 68.9

Manual Integrations

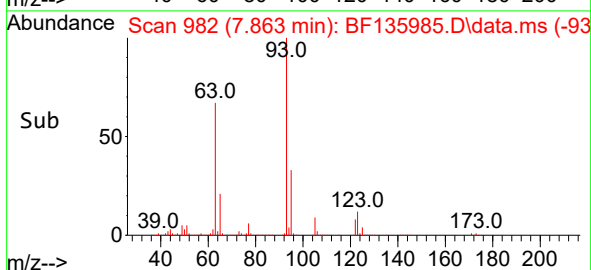
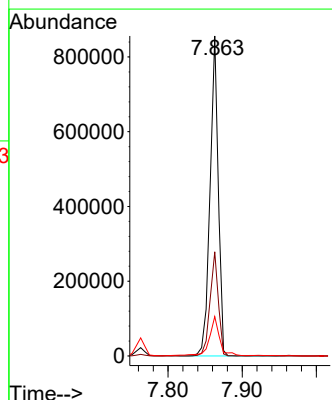
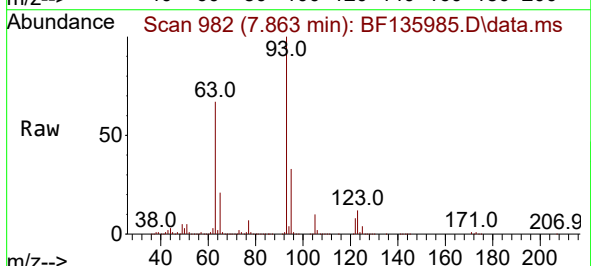
APPROVED

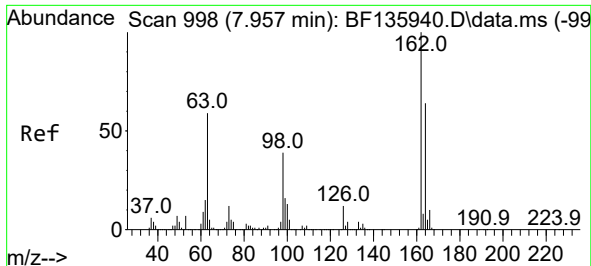
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#28
bis(2-Chloroethoxy)methane
Concen: 49.655 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Tgt Ion: 93 Resp: 663077
Ion Ratio Lower Upper
93 100
95 32.6 25.9 38.9
123 12.3 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 53.470 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.006 min

Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

Instrument :

BNA_F

ClientSampleId :

VNJ-218MS

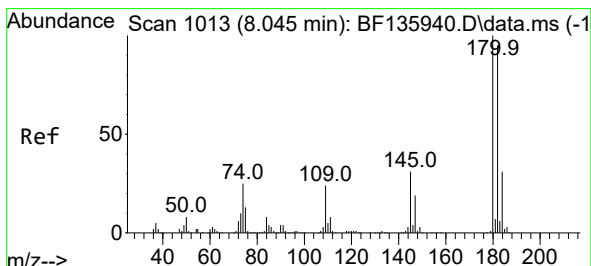
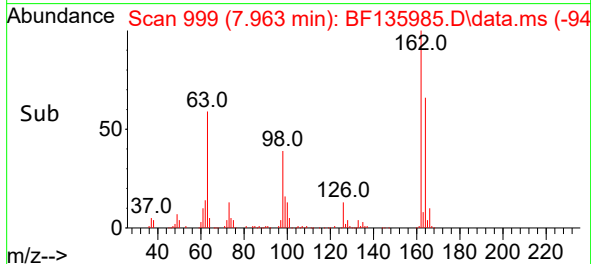
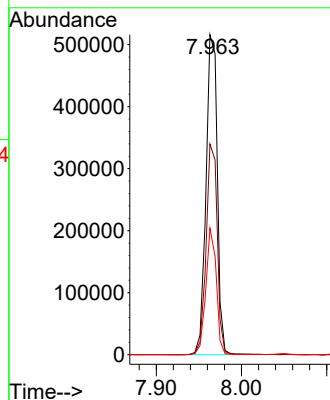
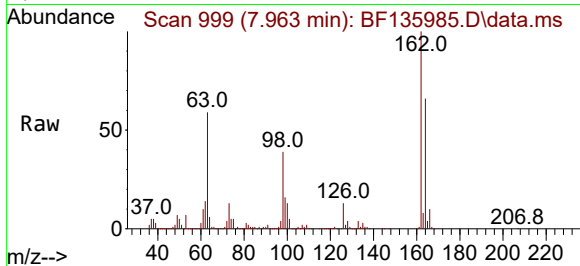
Tgt Ion:162 Resp: 474549
 Ion Ratio Lower Upper
 162 100
 164 65.9 43.7 83.7
 98 39.5 18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2023

Supervised By :mohammad ahmed 10/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.442 ng

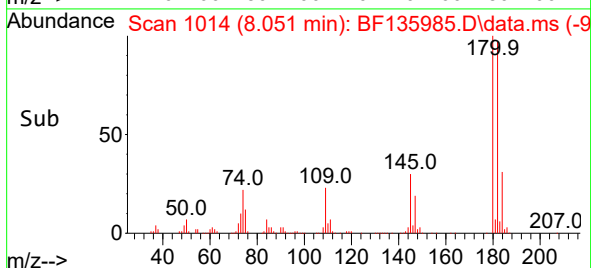
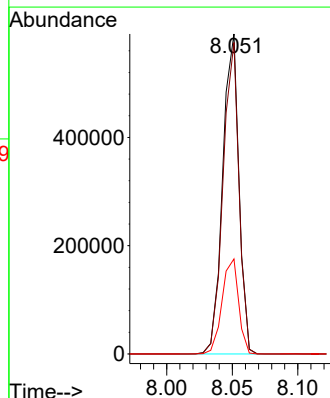
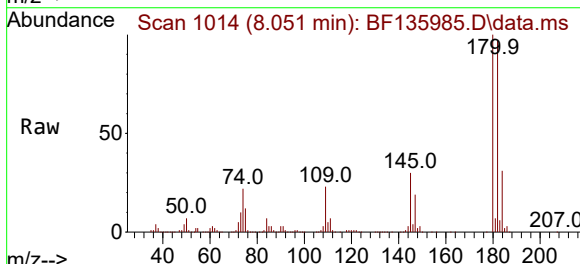
RT: 8.051 min Scan# 1014

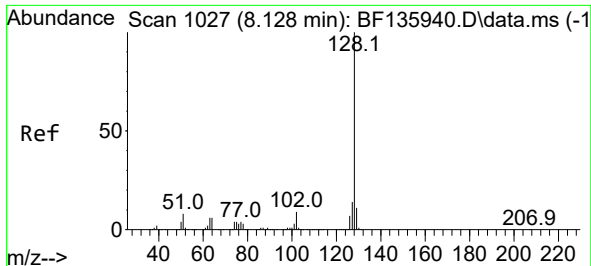
Delta R.T. 0.006 min

Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

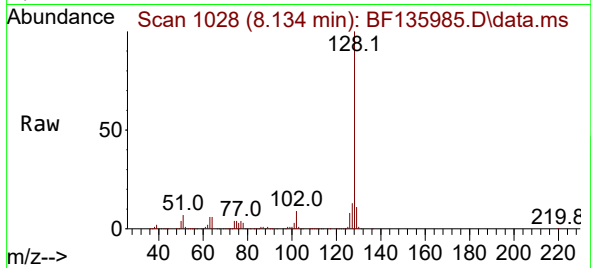
Tgt Ion:180 Resp: 506871
 Ion Ratio Lower Upper
 180 100
 182 97.4 76.0 114.0
 145 29.7 24.6 36.8





#31
Naphthalene
Concen: 47.557 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

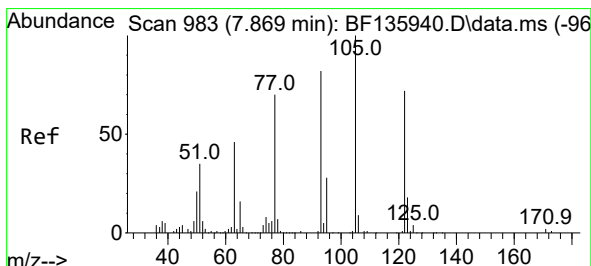
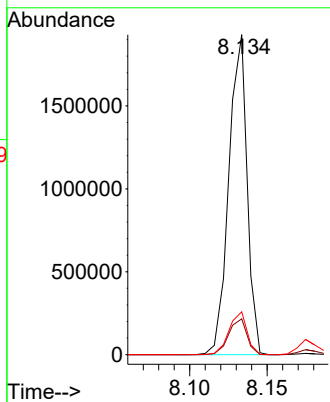
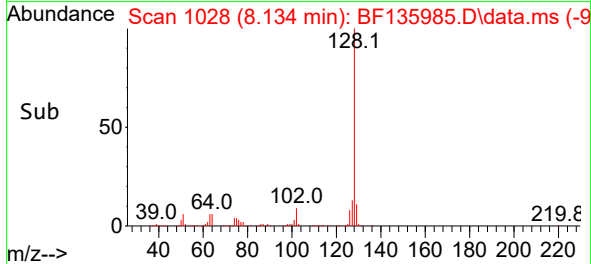
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



Tgt Ion:128 Resp: 158180
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.9 16.3

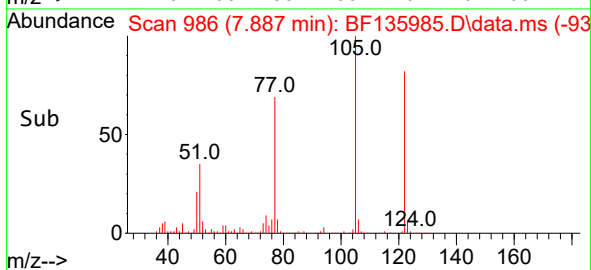
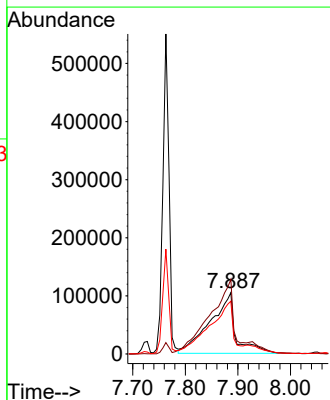
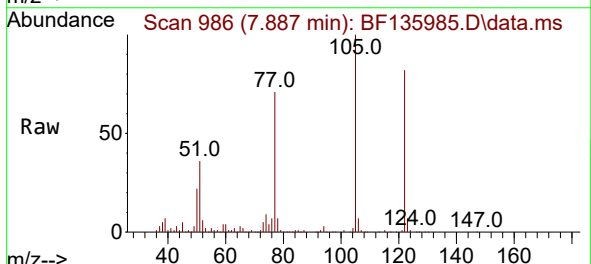
Manual Integrations
APPROVED

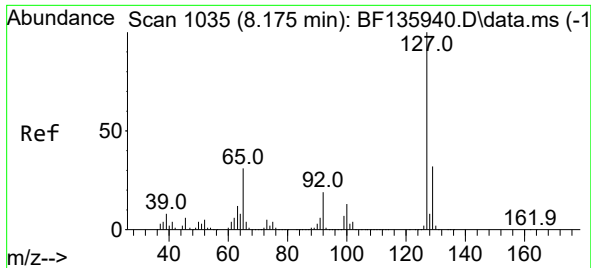
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#32
Benzoic acid
Concen: 62.696 ng m
RT: 7.887 min Scan# 986
Delta R.T. 0.018 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Tgt Ion:122 Resp: 355190
Ion Ratio Lower Upper
122 100
105 121.8 113.1 153.1
77 86.2 75.2 115.2





#33
4-Chloroaniline
Concen: 6.001 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Instrument :

BNA_F

ClientSampleId :

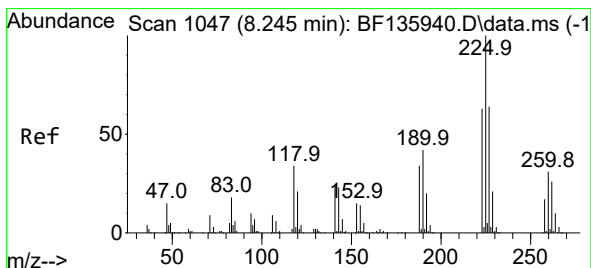
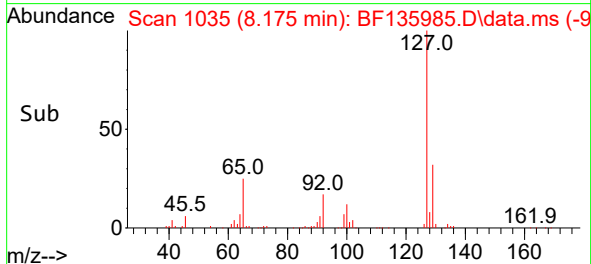
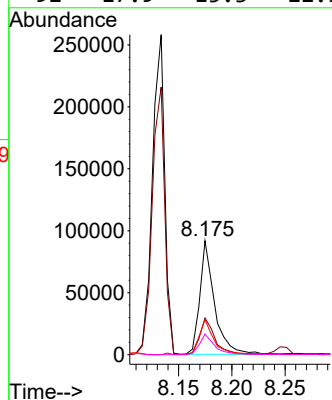
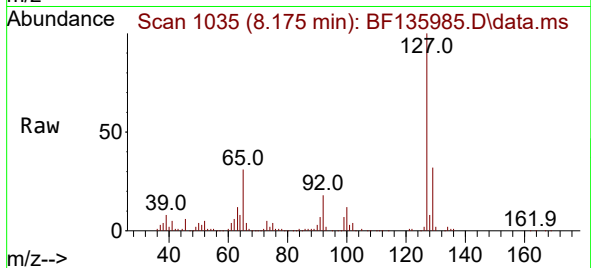
VNJ-218MS

Tgt Ion:127 Resp: 88214
Ion Ratio Lower Upper
127 100
129 32.2 25.7 38.5
65 30.7 24.8 37.2
92 17.9 15.3 22.9

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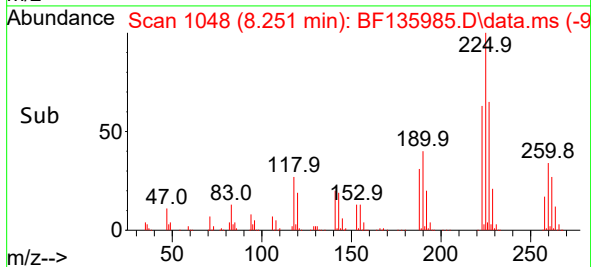
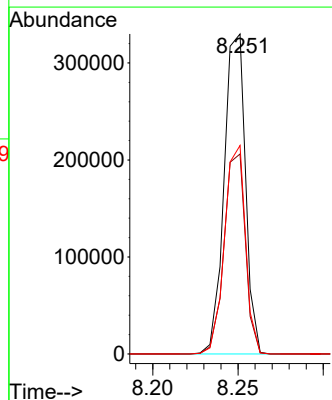
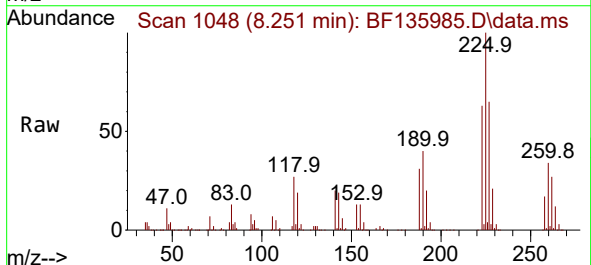
APPROVED

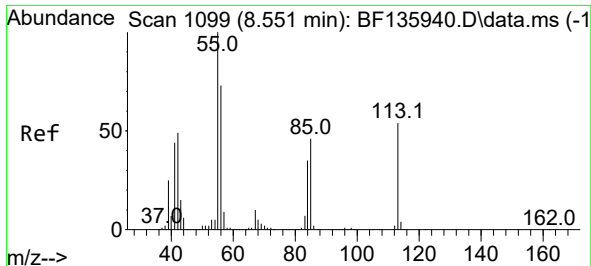
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#34
Hexachlorobutadiene
Concen: 50.882 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

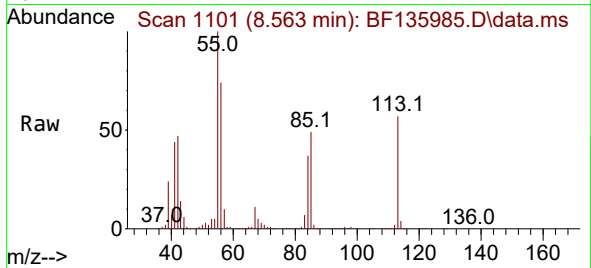
Tgt Ion:225 Resp: 288185
Ion Ratio Lower Upper
225 100
223 62.5 50.6 75.8
227 65.1 50.9 76.3





#35
 Caprolactam
 Concen: 55.035 ng/ml
 RT: 8.563 min Scan# 1101
 Delta R.T. 0.012 min
 Lab File: BF135985.D
 Acq: 27 Oct 2023 15:27

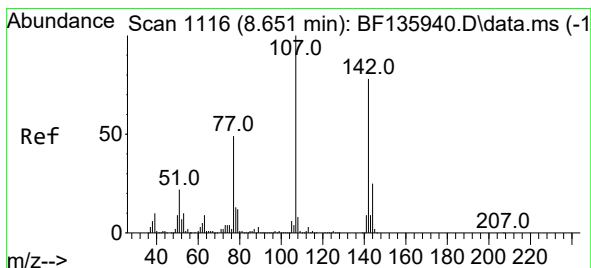
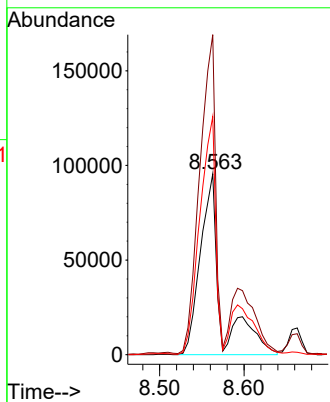
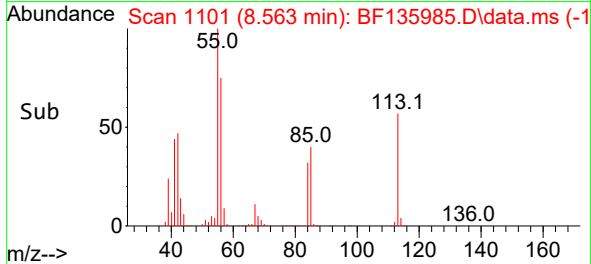
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-218MS



Tgt Ion:113 Resp: 162539
 Ion Ratio Lower Upper
 113 100
 55 177.0 165.4 205.4
 56 131.6 115.2 155.2

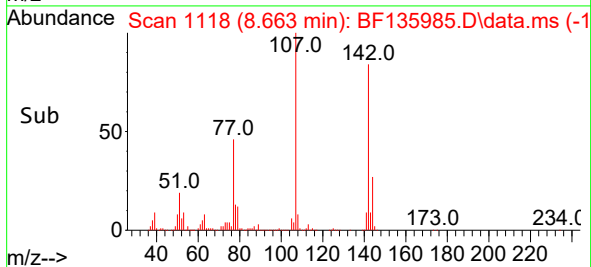
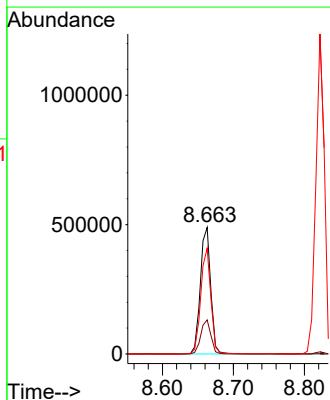
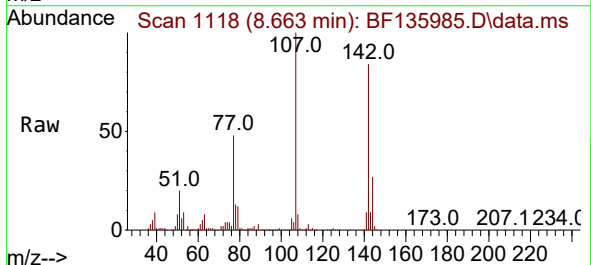
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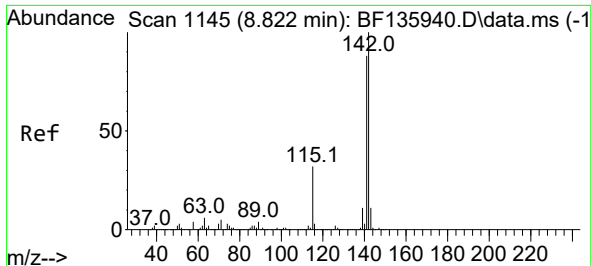
Reviewed By :Yogesh Patel 10/28/2023
 Supervised By :mohammad ahmed 10/28/2023



#36
 4-Chloro-3-methylphenol
 Concen: 52.771 ng/ml
 RT: 8.663 min Scan# 1118
 Delta R.T. 0.012 min
 Lab File: BF135985.D
 Acq: 27 Oct 2023 15:27

Tgt Ion:107 Resp: 497706
 Ion Ratio Lower Upper
 107 100
 144 26.9 19.9 29.9
 142 83.5 62.8 94.2





#37
2-Methylnaphthalene
Concen: 46.334 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Instrument :

BNA_F

ClientSampleId :

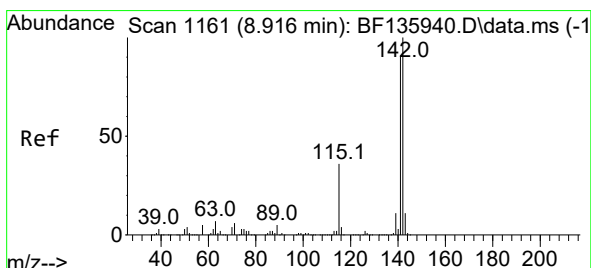
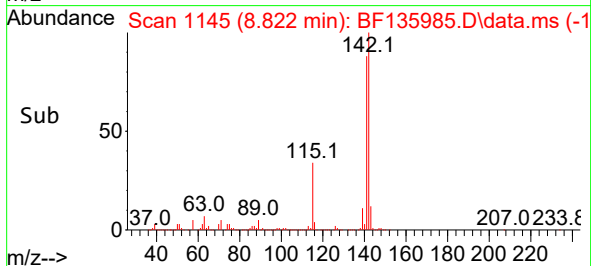
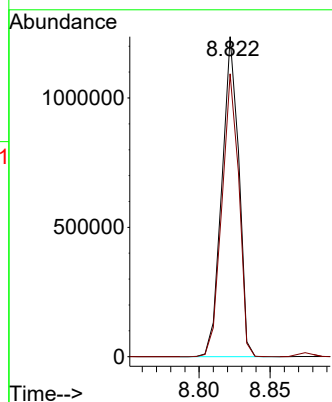
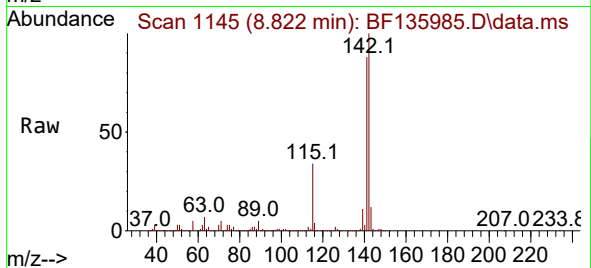
VNJ-218MS

Tgt Ion:142 Resp: 1019654
Ion Ratio Lower Upper
142 100
141 88.4 70.4 105.6

Manual Integrations

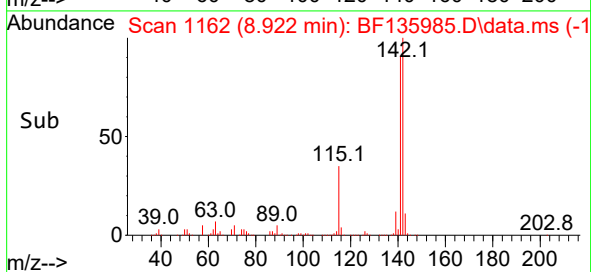
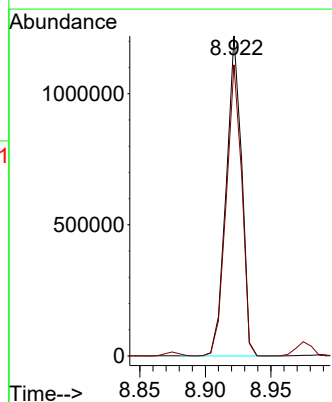
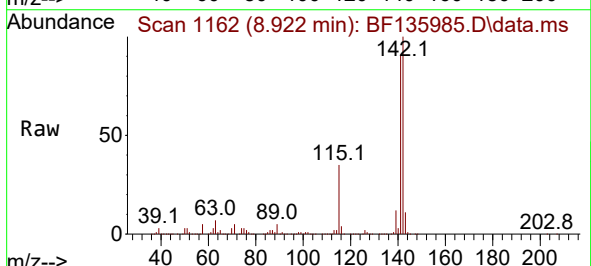
APPROVED

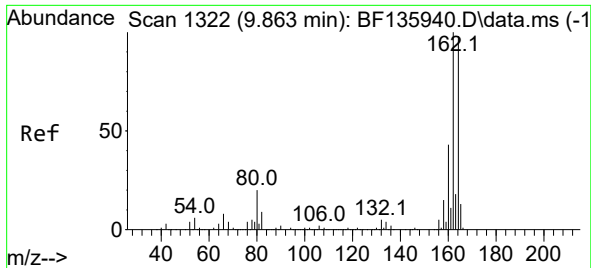
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#38
1-Methylnaphthalene
Concen: 48.411 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

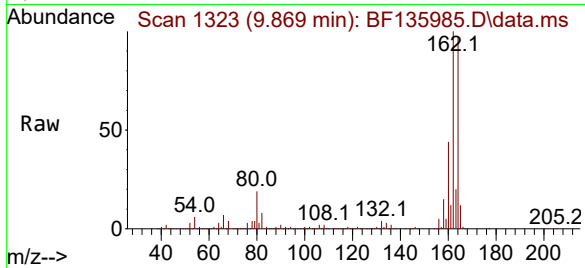
Tgt Ion:142 Resp: 995479
Ion Ratio Lower Upper
142 100
141 91.0 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

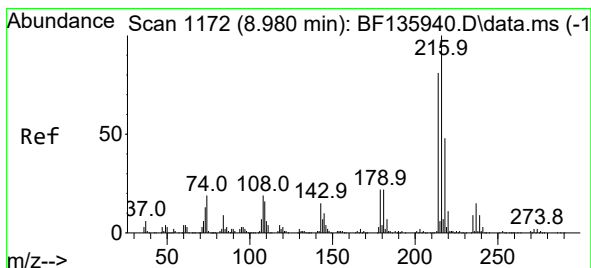
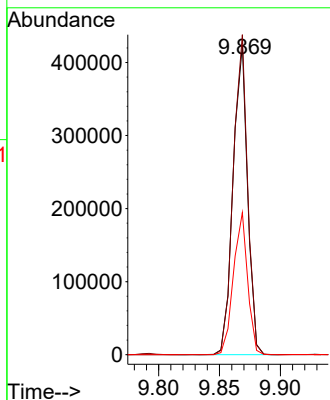
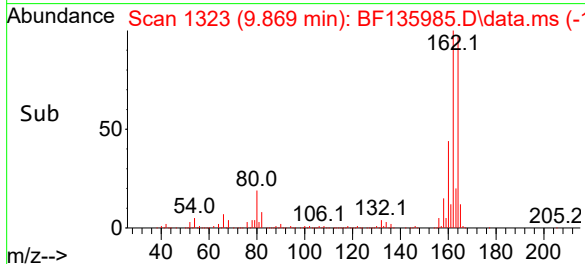
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



Tgt Ion:164 Resp: 349772
Ion Ratio Lower Upper
164 100
162 103.4 82.0 123.0
160 45.9 35.6 53.4

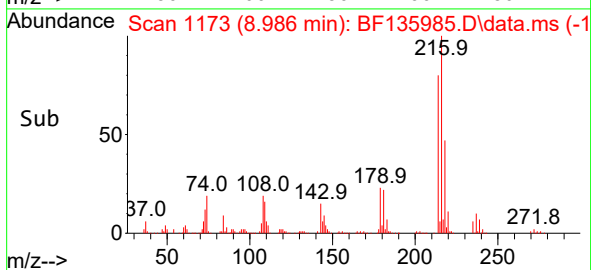
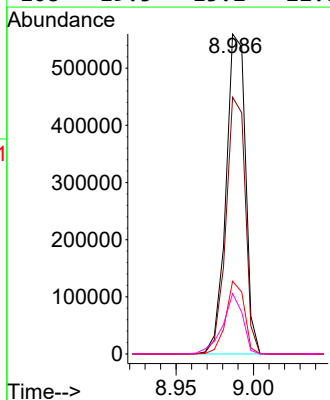
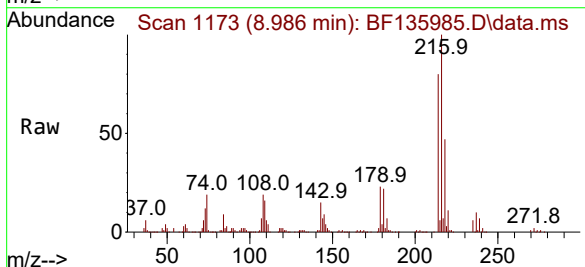
Manual Integrations
APPROVED

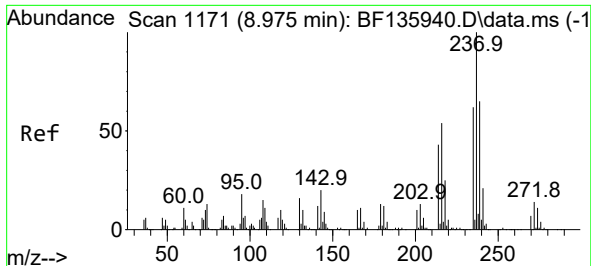
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.533 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

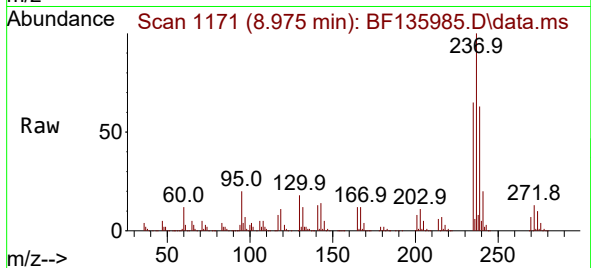
Tgt Ion:216 Resp: 489330
Ion Ratio Lower Upper
216 100
214 79.4 63.3 94.9
179 21.5 17.3 25.9
108 19.5 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 77.433 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

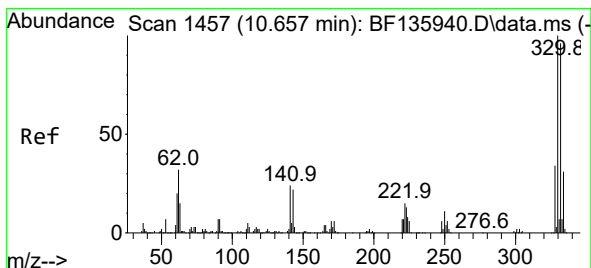
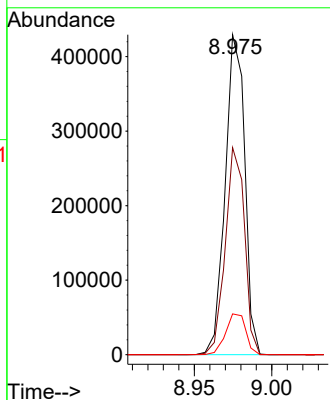
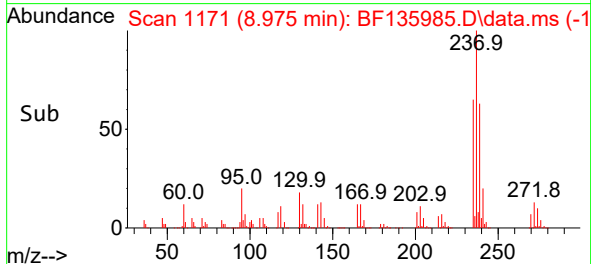
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



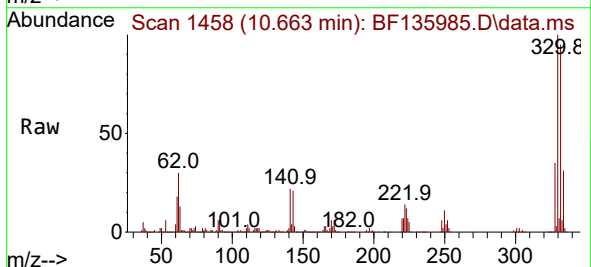
Tgt Ion: 237 Resp: 377188
Ion Ratio Lower Upper
237 100
235 64.7 41.7 81.7
272 12.7 0.0 33.6

Manual Integrations
APPROVED

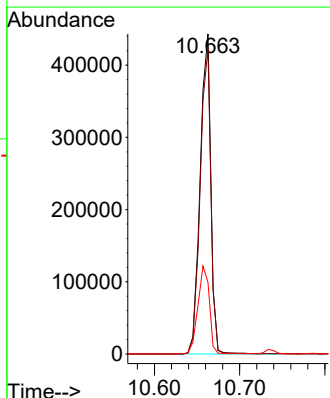
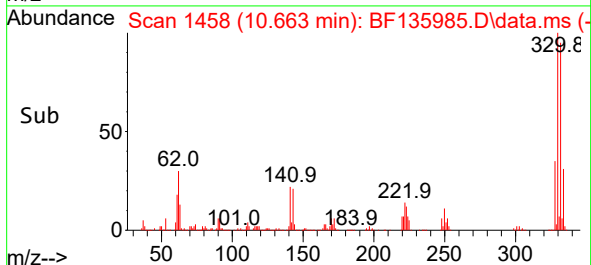
Reviewed By : Yogesh Patel 10/28/2023
Supervised By : mohammad ahmed 10/28/2023

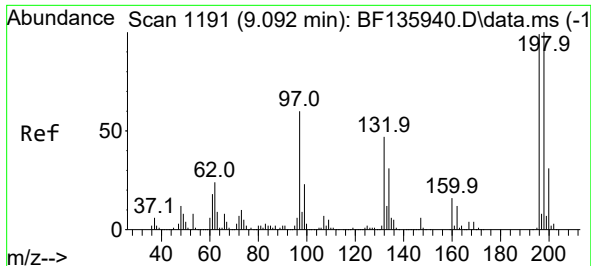


#42
2,4,6-Tribromophenol
Concen: 126.143 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27



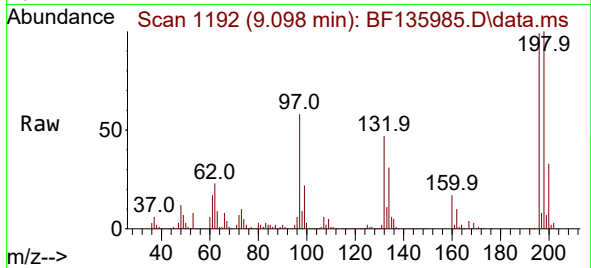
Tgt Ion: 330 Resp: 386193
Ion Ratio Lower Upper
330 100
332 95.3 77.4 116.2
141 29.3 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 57.172 ng
RT: 9.098 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

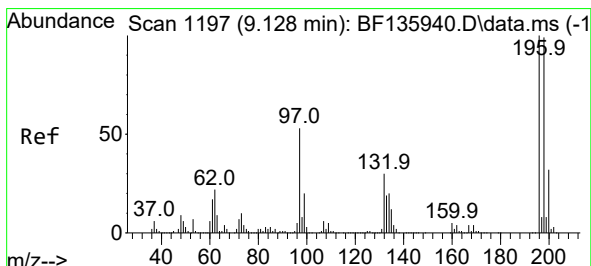
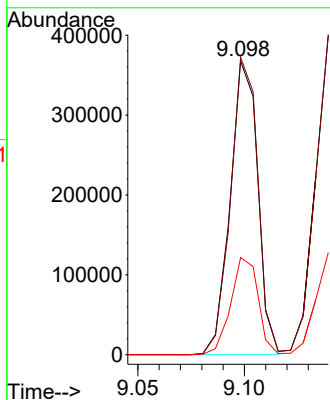
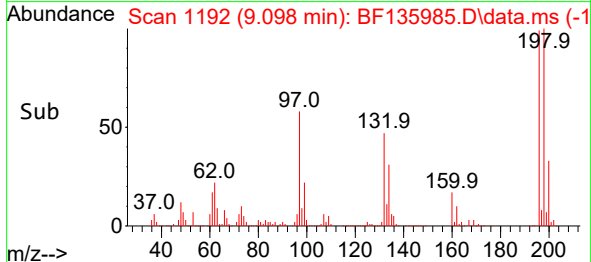
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



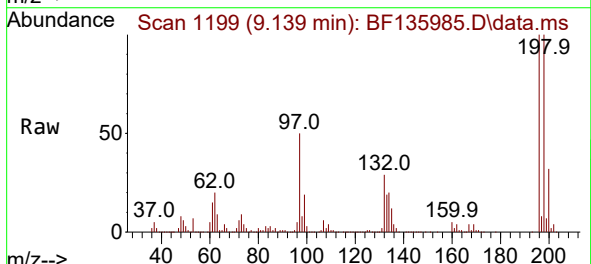
Tgt Ion:196 Resp: 330570
Ion Ratio Lower Upper
196 100
198 101.2 81.0 121.4
200 33.1 25.4 38.0

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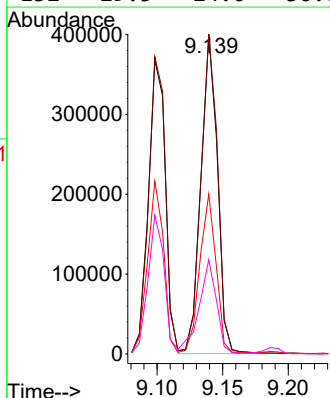
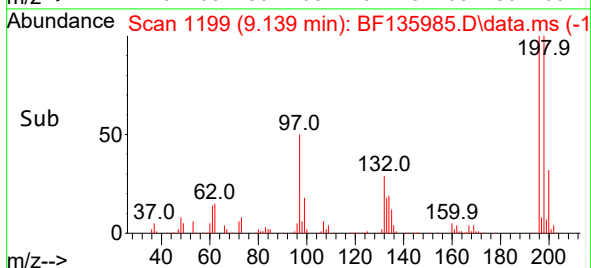
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

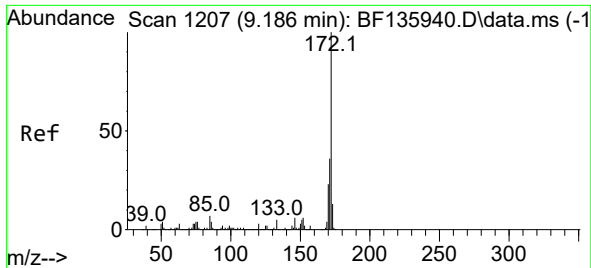


#44
2,4,5-Trichlorophenol
Concen: 51.372 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.012 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27



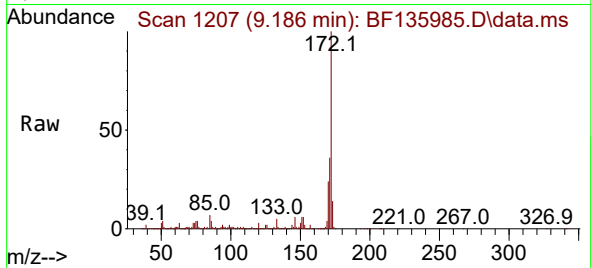
Tgt Ion:196 Resp: 352673
Ion Ratio Lower Upper
196 100
198 100.2 79.1 118.7
97 50.1 42.3 63.5
132 29.5 24.0 36.0





#45
2-Fluorobiphenyl
Concen: 68.777 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

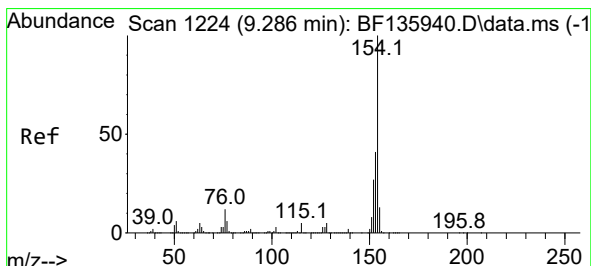
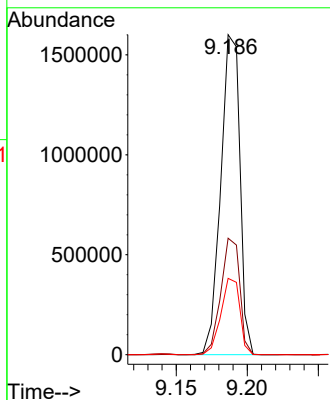
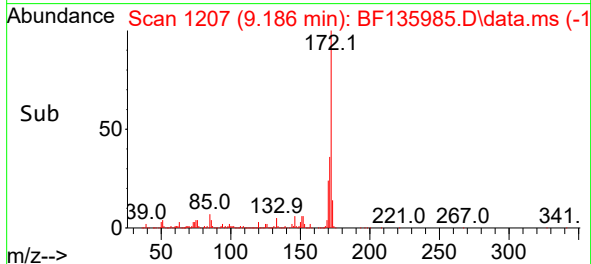
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



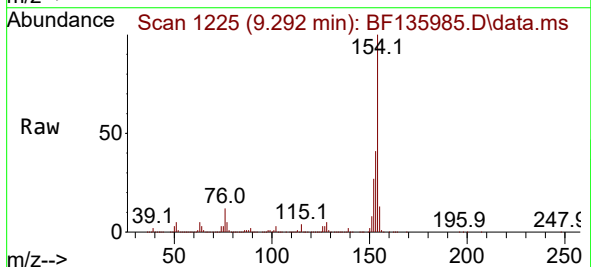
Tgt Ion:172 Resp: 1502340
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 23.9 18.6 28.0

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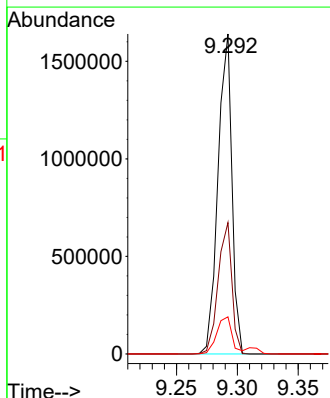
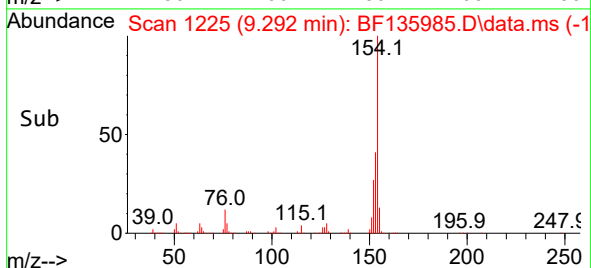
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

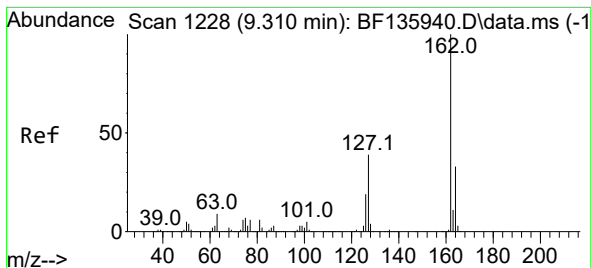


#46
1,1'-Biphenyl
Concen: 49.229 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27



Tgt Ion:154 Resp: 1304716
Ion Ratio Lower Upper
154 100
153 41.1 20.7 60.7
76 11.6 0.0 32.4





#47

2-Chloronaphthalene

Concen: 50.566 ng

RT: 9.316 min Scan# 1228

Delta R.T. 0.006 min

Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

Instrument :

BNA_F

ClientSampleId :

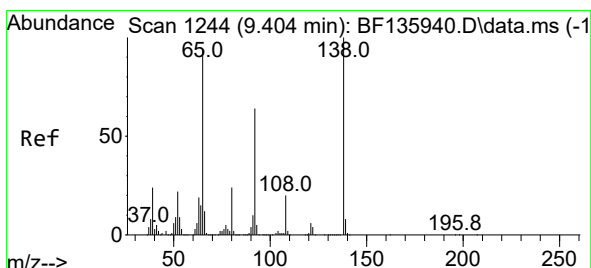
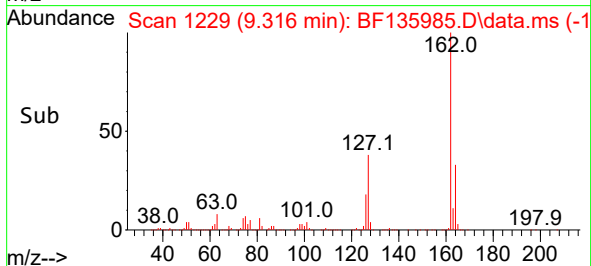
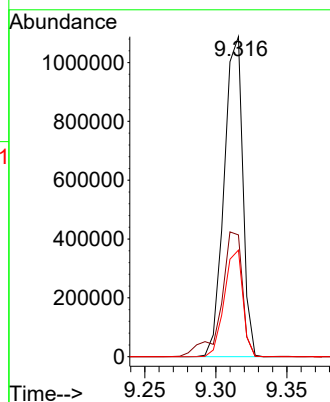
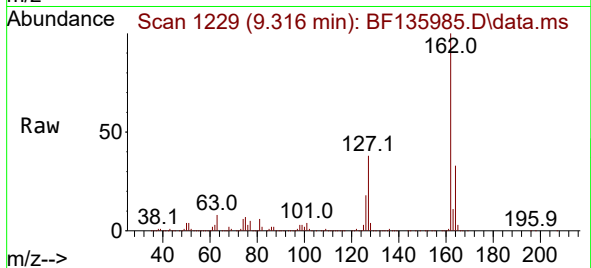
VNJ-218MS

Tgt Ion:162 Resp: 991275
 Ion Ratio Lower Upper
 162 100
 127 38.0 31.0 46.4
 164 33.3 26.6 39.8

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Reviewed By :Yogesh Patel 10/28/2023
 Supervised By :mohammad ahmed 10/28/2023



#48

2-Nitroaniline

Concen: 53.961 ng

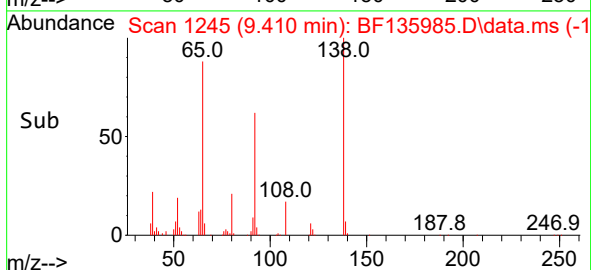
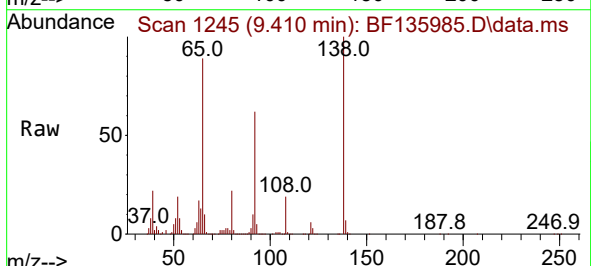
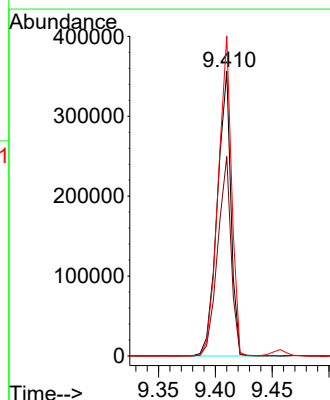
RT: 9.410 min Scan# 1245

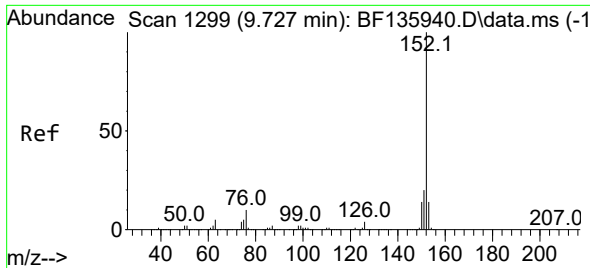
Delta R.T. 0.006 min

Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

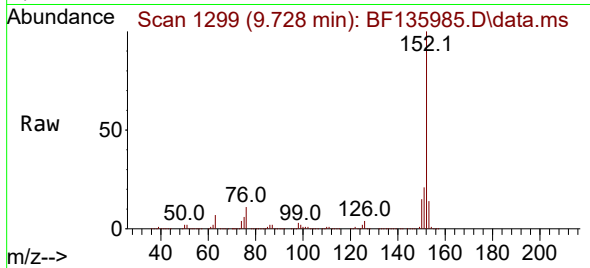
Tgt Ion: 65 Resp: 297341
 Ion Ratio Lower Upper
 65 100
 92 70.1 54.9 82.3
 138 112.4 85.2 127.8





#49
Acenaphthylene
Concen: 50.196 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

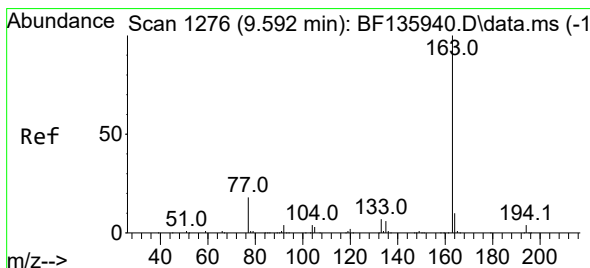
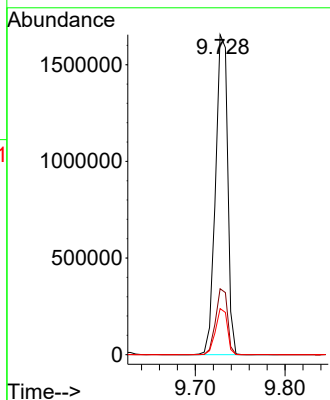
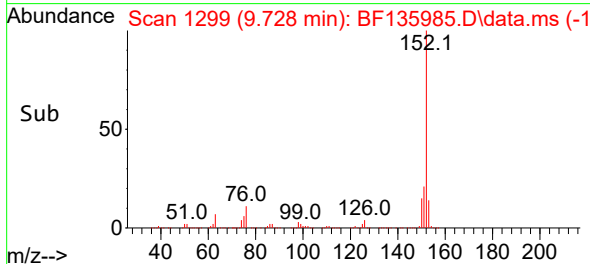
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



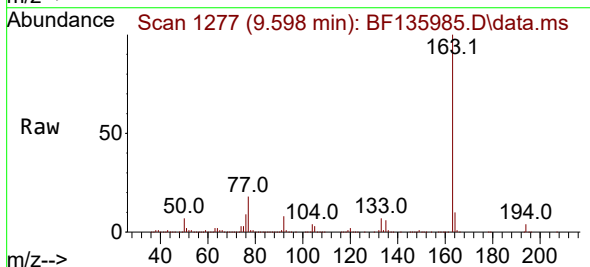
Tgt Ion:152 Resp: 1552398
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 14.4 11.0 16.6

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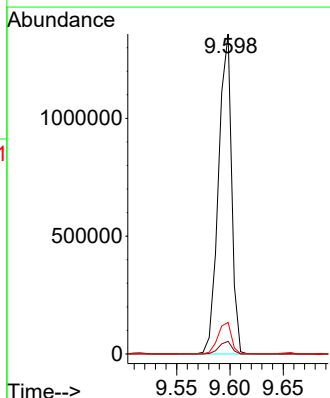
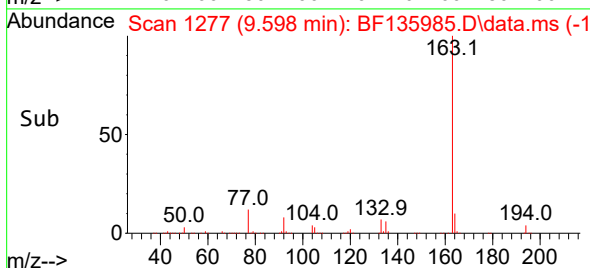
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

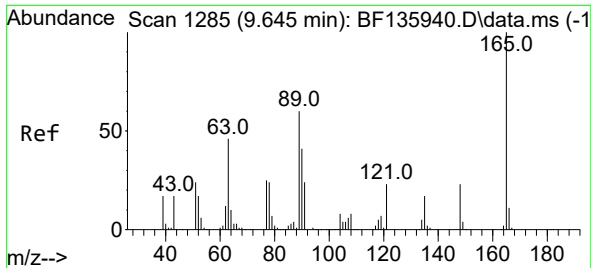


#50
Dimethylphthalate
Concen: 50.980 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27



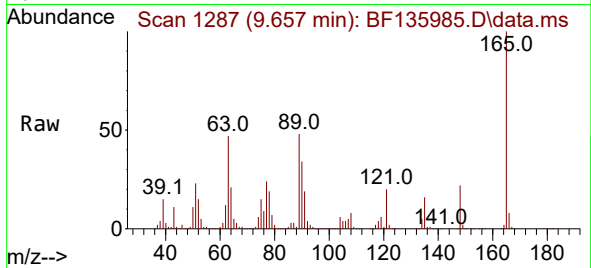
Tgt Ion:163 Resp: 1156363
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.9 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 54.506 ng
RT: 9.657 min Scan# 1287
Delta R.T. 0.012 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

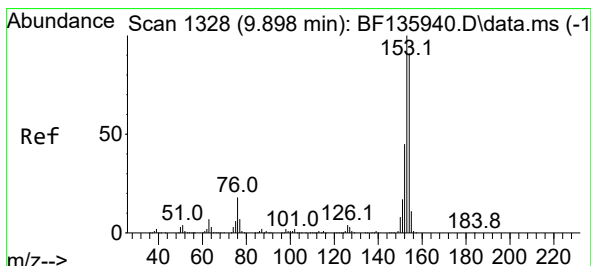
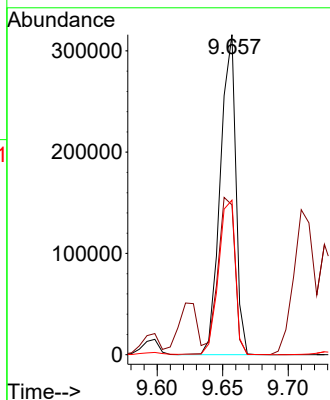
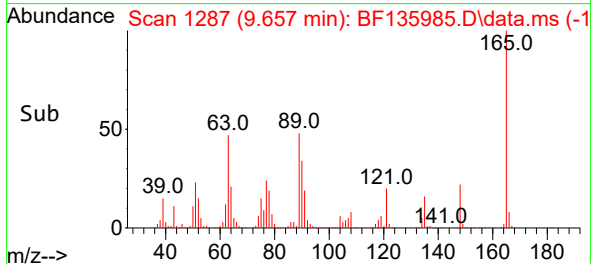
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



Tgt Ion:165 Resp: 259758
Ion Ratio Lower Upper
165 100
63 46.8 51.7 77.5
89 48.3 48.3 72.5

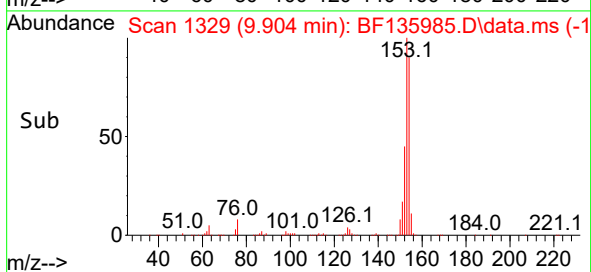
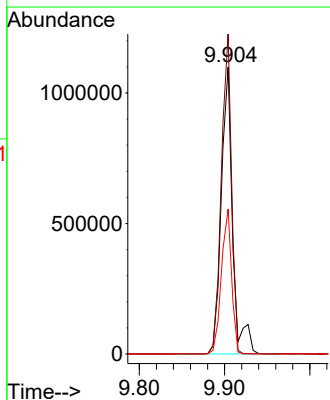
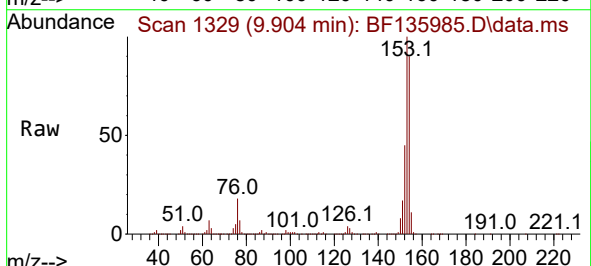
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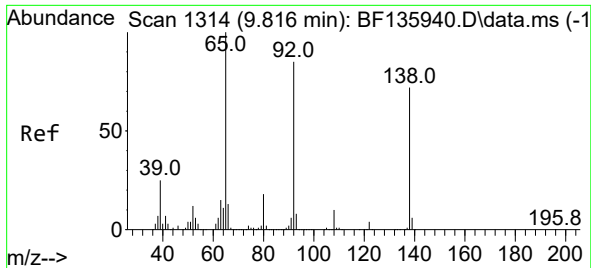
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#52
Acenaphthene
Concen: 50.909 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Tgt Ion:154 Resp: 1009007
Ion Ratio Lower Upper
154 100
153 111.6 88.0 132.0
152 50.6 39.4 59.2





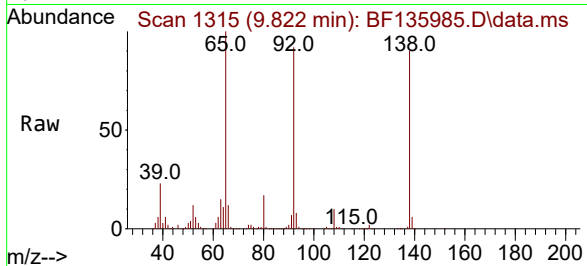
#53
3-Nitroaniline
Concen: 29.356 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Instrument :

BNA_F

ClientSampleId :

VNJ-218MS

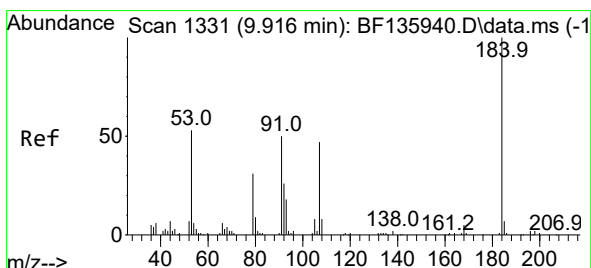
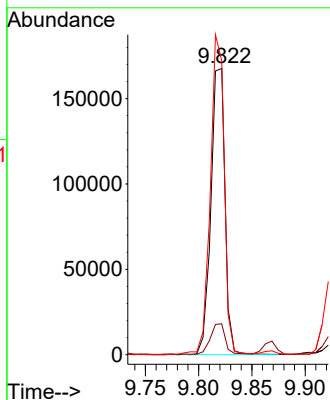
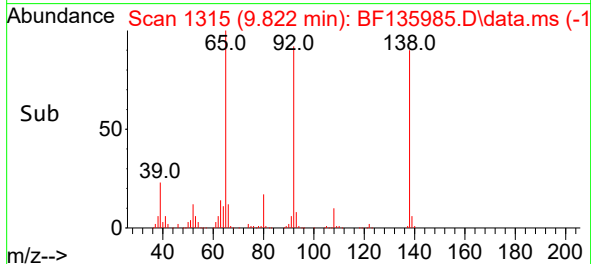


Tgt Ion:138 Resp: 15416
Ion Ratio Lower Upper
138 100
108 10.8 11.3 16.9
92 102.7 95.0 142.6

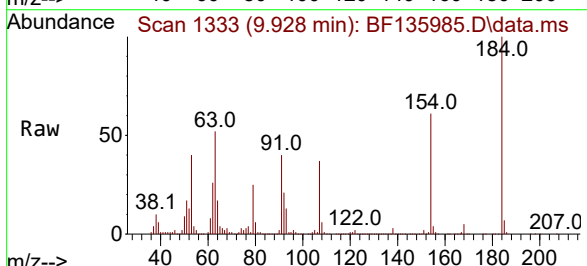
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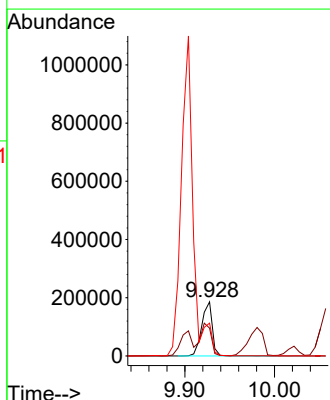
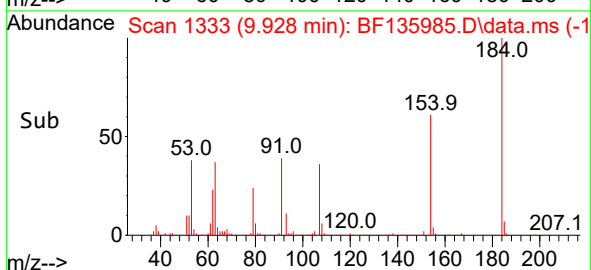
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

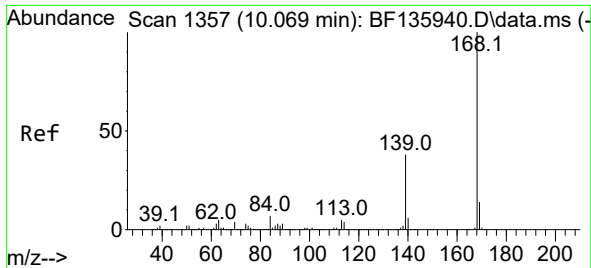


#54
2,4-Dinitrophenol
Concen: 82.379 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27



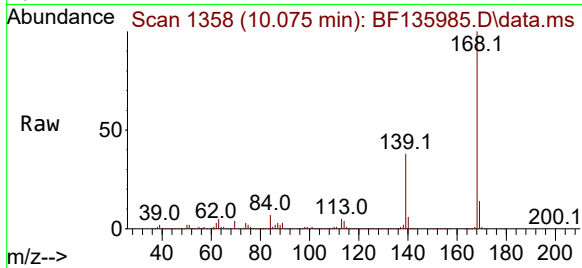
Tgt Ion:184 Resp: 150869
Ion Ratio Lower Upper
184 100
63 51.6 56.3 84.5
154 60.7 48.1 72.1





#55
Dibenzenofuran
Concen: 47.646 ng
RT: 10.075 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

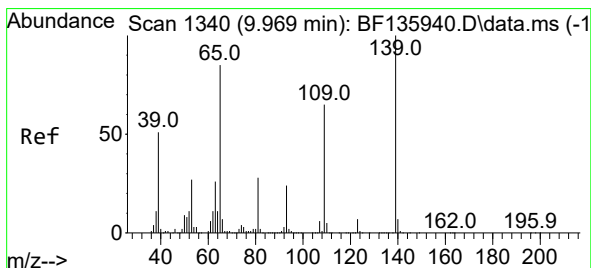
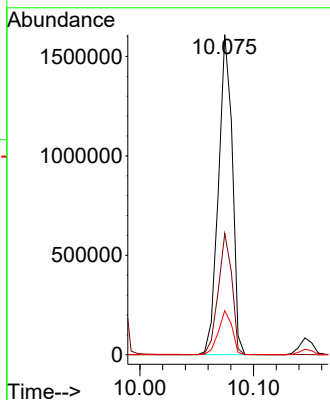
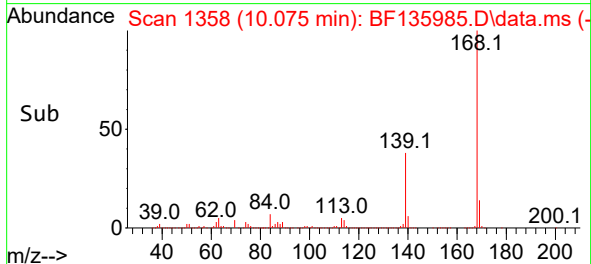
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



Tgt Ion:168 Resp: 1364244
Ion Ratio Lower Upper
168 100
139 37.9 30.7 46.1
169 13.8 11.1 16.7

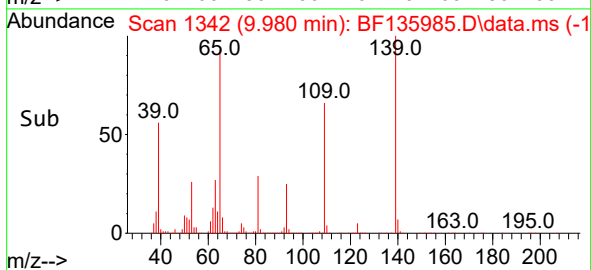
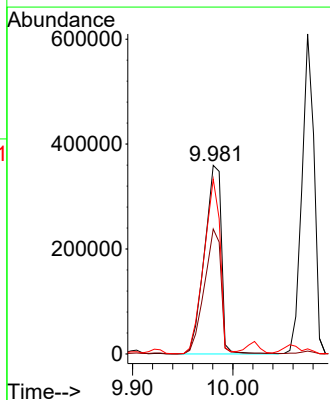
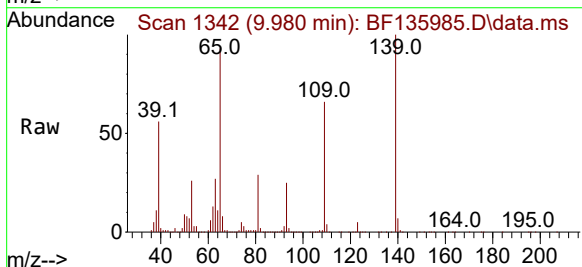
Manual Integrations
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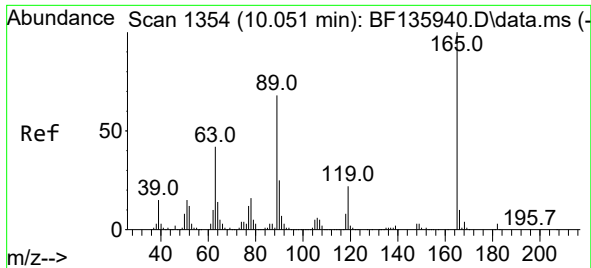
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#56
4-Nitrophenol
Concen: 91.610 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

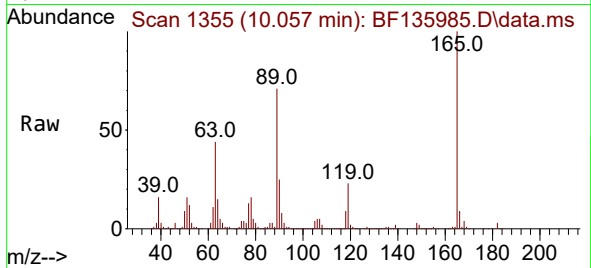
Tgt Ion:139 Resp: 423642
Ion Ratio Lower Upper
139 100
109 66.3 45.2 85.2
65 92.7 65.1 105.1





#57
2,4-Dinitrotoluene
Concen: 56.296 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

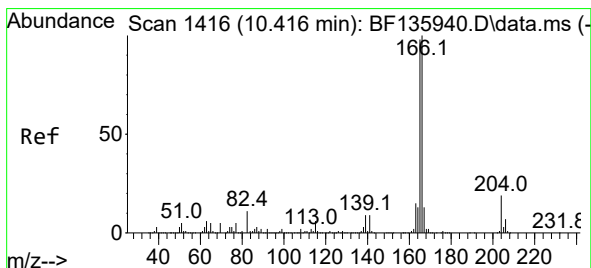
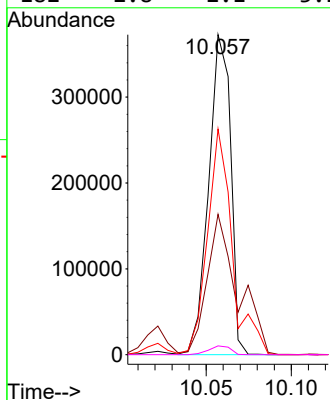
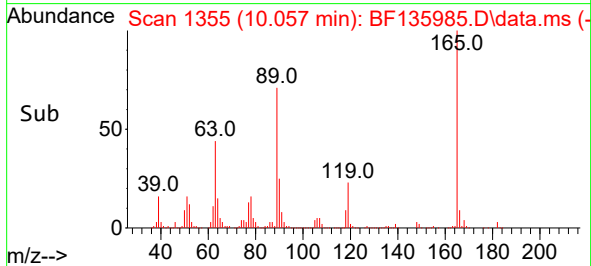
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



Tgt Ion:165 Resp: 334358
Ion Ratio Lower Upper
165 100
63 43.8 33.7 50.5
89 70.5 54.6 81.8
182 2.8 2.1 3.1

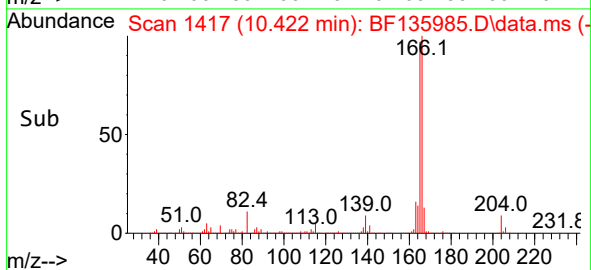
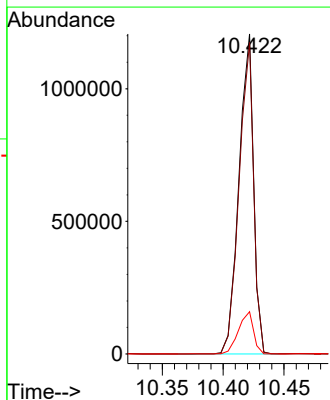
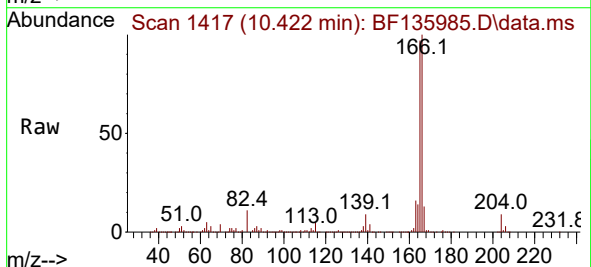
Manual Integrations
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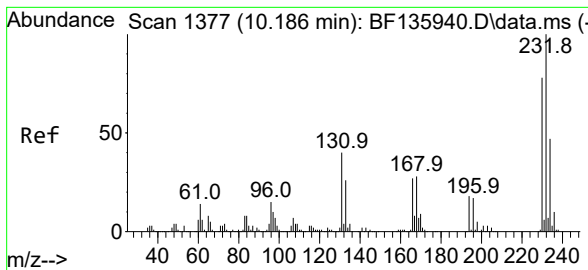
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#58
Fluorene
Concen: 46.854 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

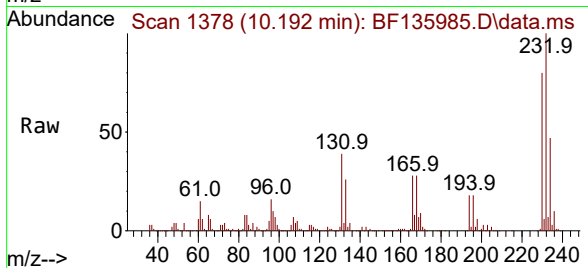
Tgt Ion:166 Resp: 1003684
Ion Ratio Lower Upper
166 100
165 97.3 78.0 117.0
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.702 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

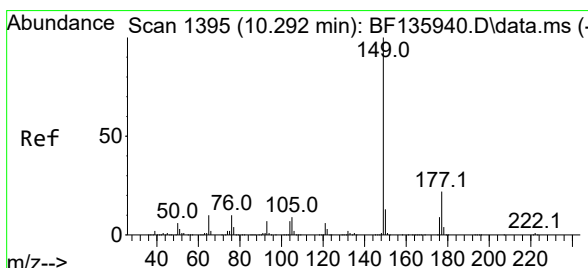
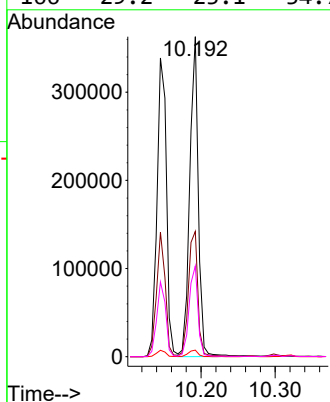
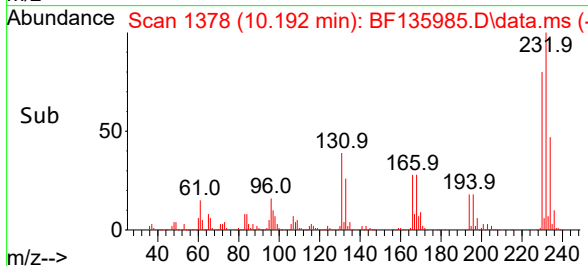
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



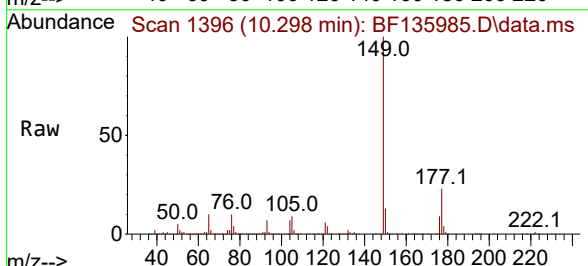
Tgt Ion:232 Resp: 292919
Ion Ratio Lower Upper
232 100
131 42.6 35.2 52.8
130 2.3 1.7 2.5
166 29.2 23.1 34.7

Manual Integrations
APPROVED

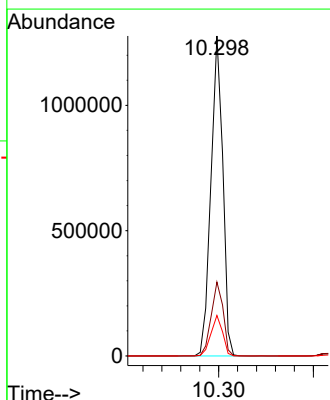
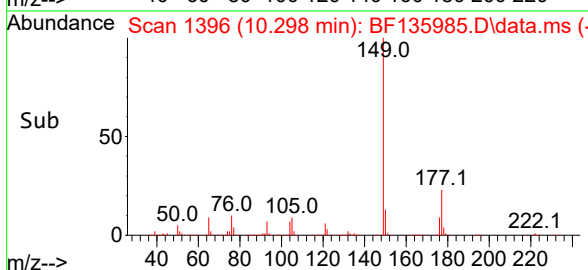
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

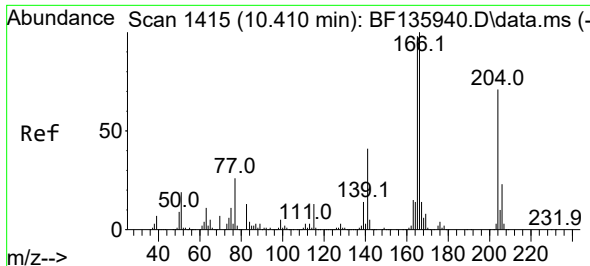


#60
Diethylphthalate
Concen: 51.093 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27



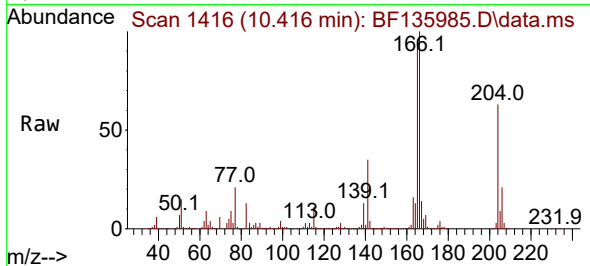
Tgt Ion:149 Resp: 1105124
Ion Ratio Lower Upper
149 100
177 23.1 17.9 26.9
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 48.138 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

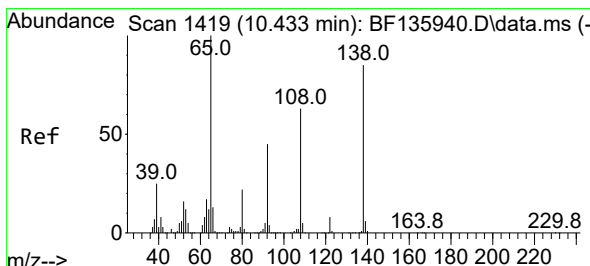
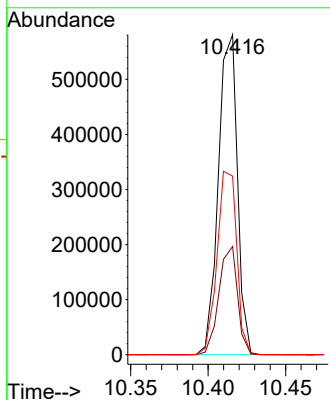
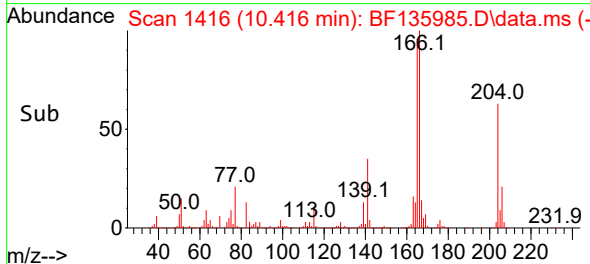
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



Tgt Ion:204 Resp: 497419
Ion Ratio Lower Upper
204 100
206 33.8 26.4 39.6
141 55.8 46.2 69.2

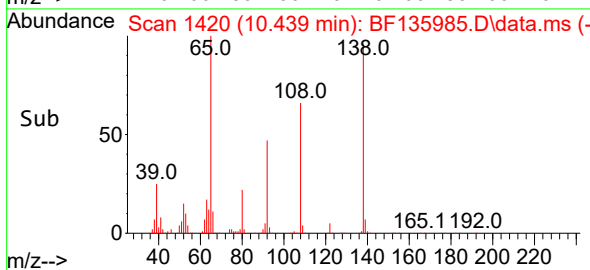
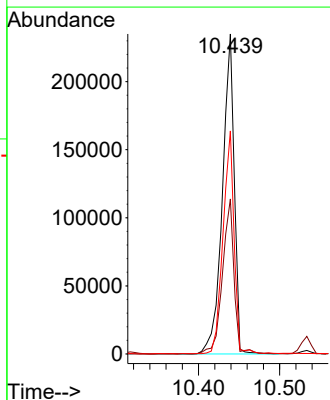
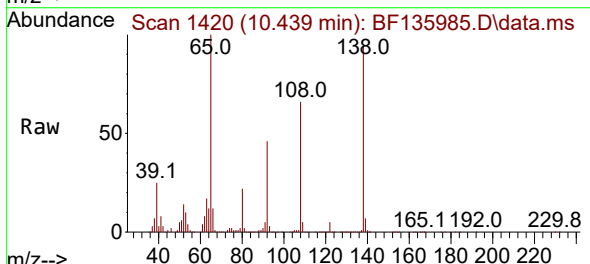
Manual Integrations
APPROVED

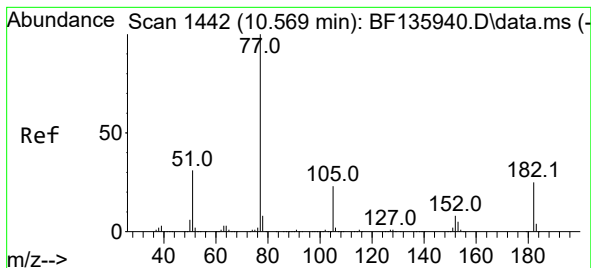
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#62
4-Nitroaniline
Concen: 43.480 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Tgt Ion:138 Resp: 239549
Ion Ratio Lower Upper
138 100
92 48.4 32.9 72.9
108 69.7 53.5 93.5





#63

Azobenzene

Concen: 47.101 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

Instrument :

BNA_F

ClientSampleId :

VNJ-218MS

Tgt Ion: 77 Resp: 1033894

Ion Ratio Lower Upper

77 100

182 27.8 5.1 45.1

105 23.4 2.8 42.8

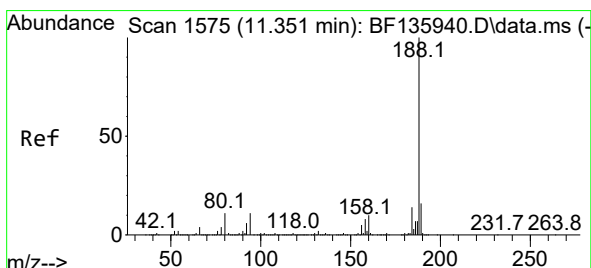
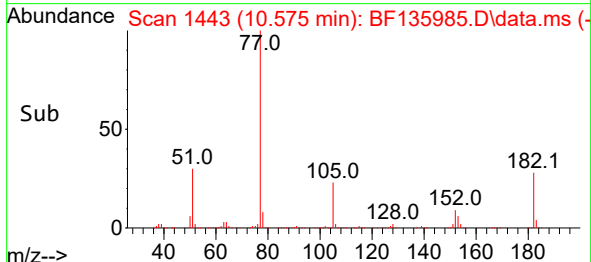
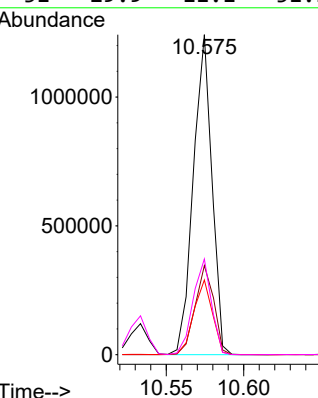
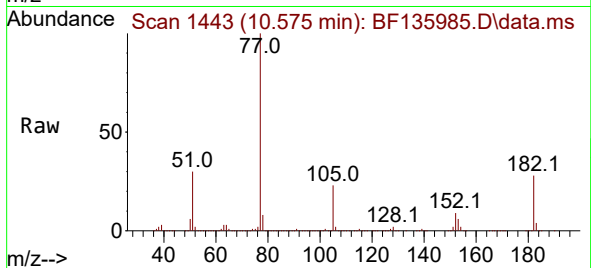
51 29.9 11.1 51.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2023

Supervised By :mohammad ahmed 10/28/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

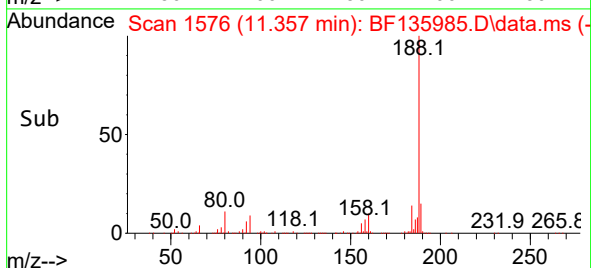
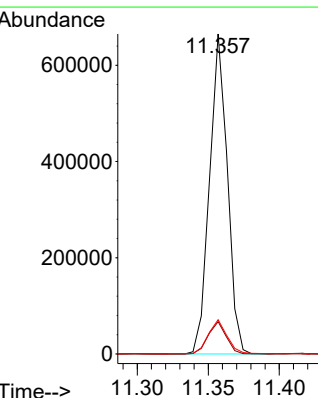
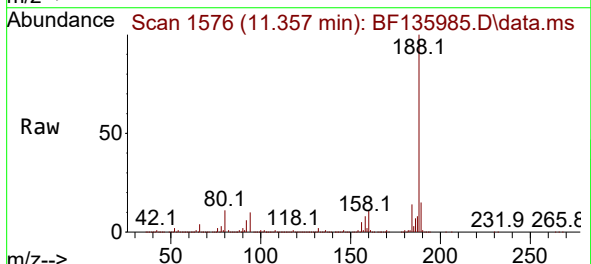
Tgt Ion:188 Resp: 580075

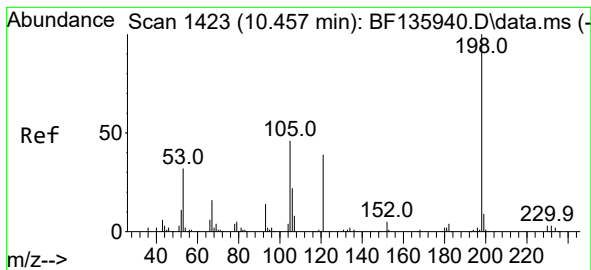
Ion Ratio Lower Upper

188 100

94 10.1 8.6 13.0

80 10.7 9.0 13.6





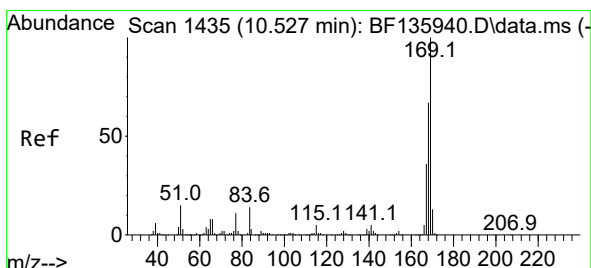
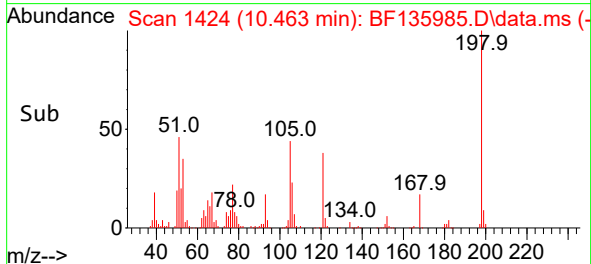
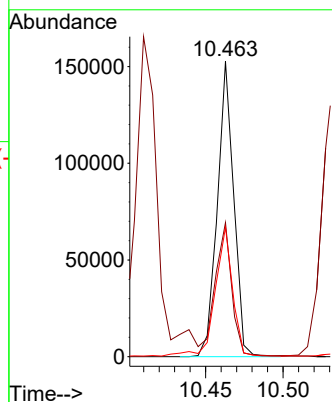
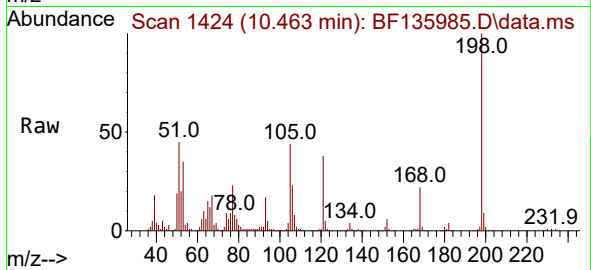
#65
4,6-Dinitro-2-methylphenol
Concen: 55.340 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Instrument :
BNA_F
ClientSampleId :
VNJ-218MS

Tgt Ion:198 Resp: 11218
Ion Ratio Lower Upper
198 100
51 45.4 28.7 68.7
105 43.8 27.2 67.2

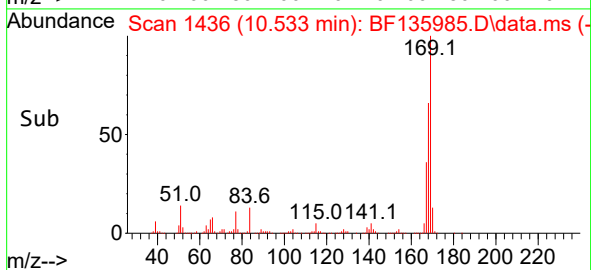
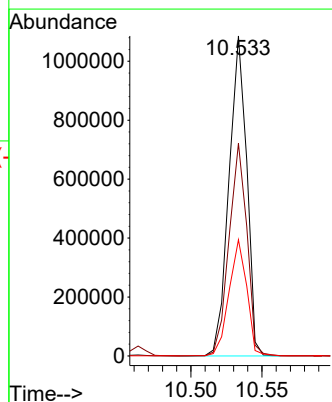
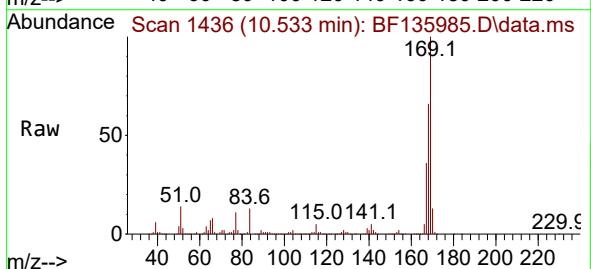
Manual Integrations
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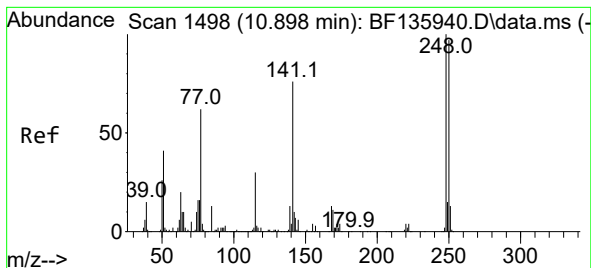
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#66
n-Nitrosodiphenylamine
Concen: 53.659 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

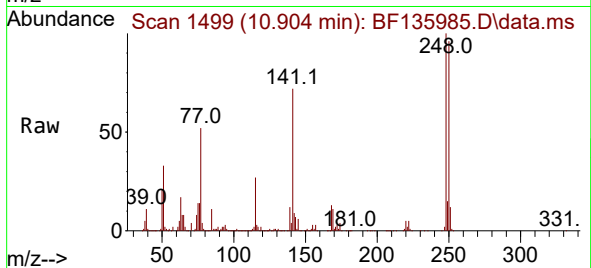
Tgt Ion:169 Resp: 940319
Ion Ratio Lower Upper
169 100
168 66.4 53.5 80.3
167 36.3 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 55.290 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

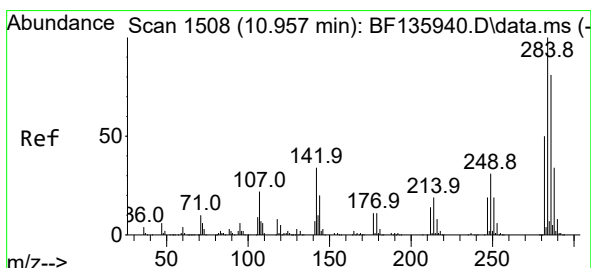
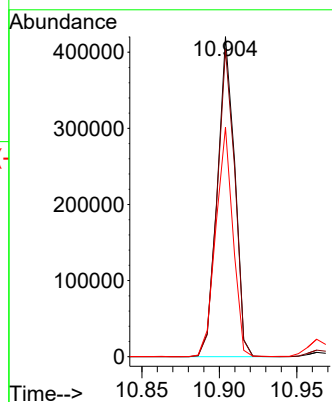
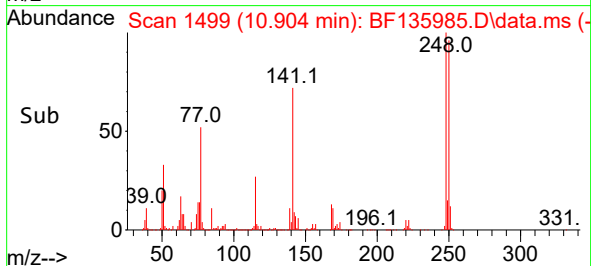
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



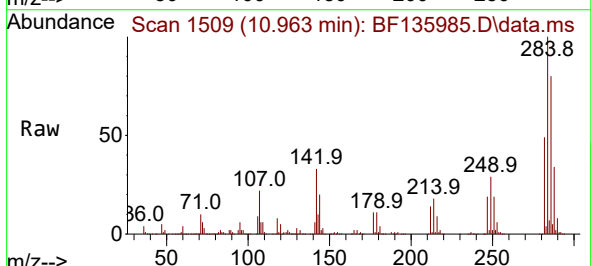
Tgt Ion:248 Resp: 328454
Ion Ratio Lower Upper
248 100
250 96.0 77.9 116.9
141 71.7 60.8 91.2

Manual Integrations
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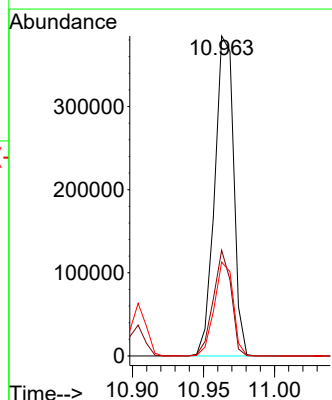
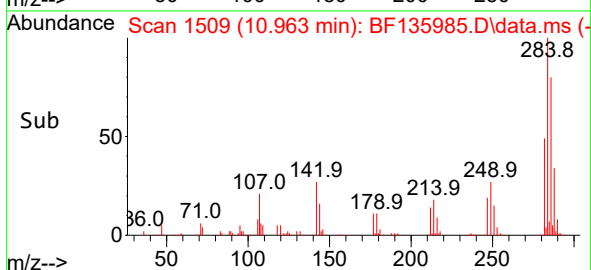
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

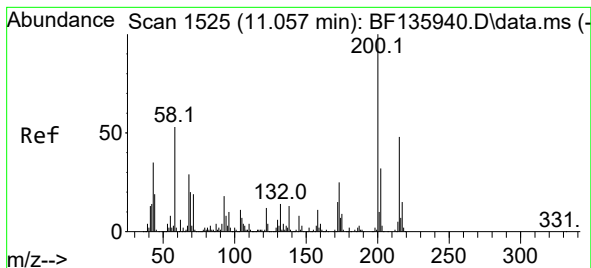


#68
Hexachlorobenzene
Concen: 56.350 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27



Tgt Ion:284 Resp: 357594
Ion Ratio Lower Upper
284 100
142 33.0 27.6 41.4
249 29.3 24.7 37.1





#69

Atrazine

Concen: 66.678 ng

RT: 11.069 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

Instrument :

BNA_F

ClientSampleId :

VNJ-218MS

Tgt Ion:200 Resp: 318534

Ion Ratio Lower Upper

200 100

173 25.1 5.5 45.5

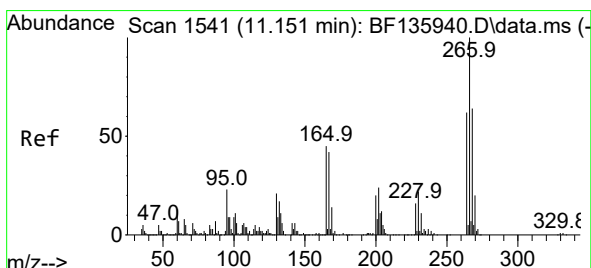
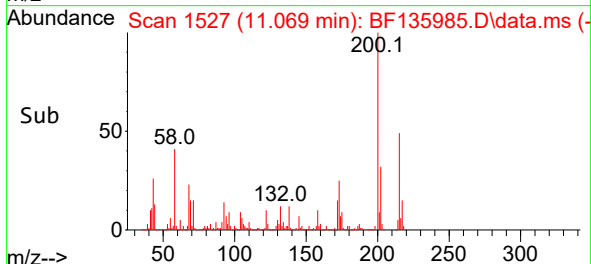
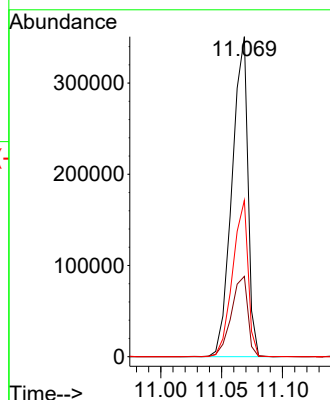
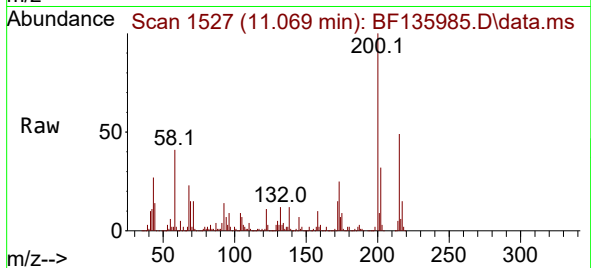
215 48.9 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2023

Supervised By :mohammad ahmed 10/28/2023



#70

Pentachlorophenol

Concen: 93.610 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.012 min

Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

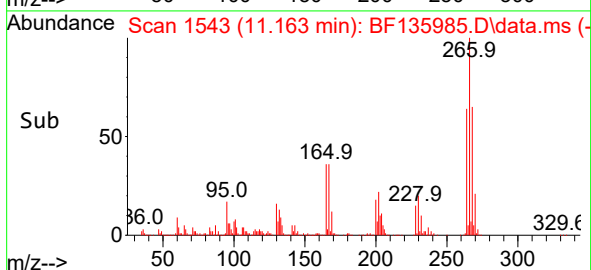
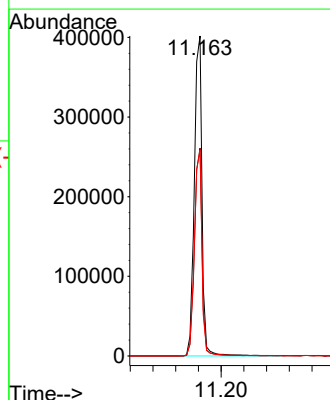
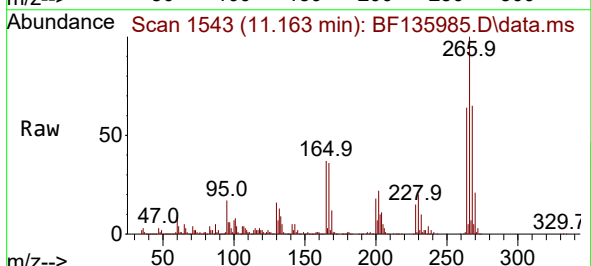
Tgt Ion:266 Resp: 379697

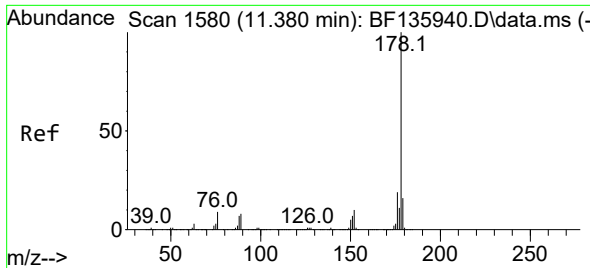
Ion Ratio Lower Upper

266 100

268 65.0 50.8 76.2

264 64.3 49.8 74.6





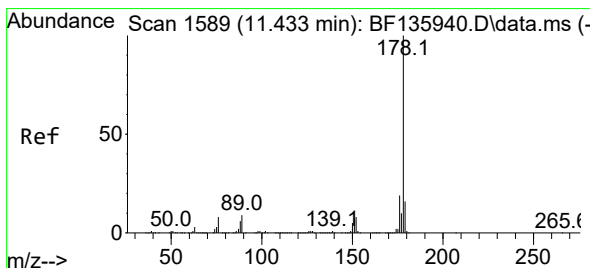
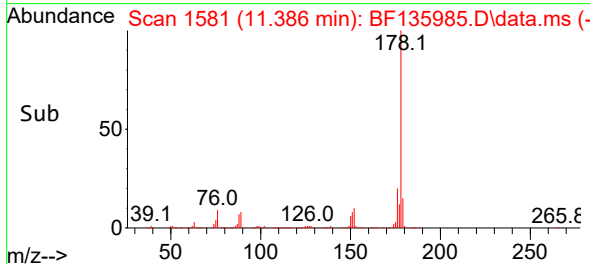
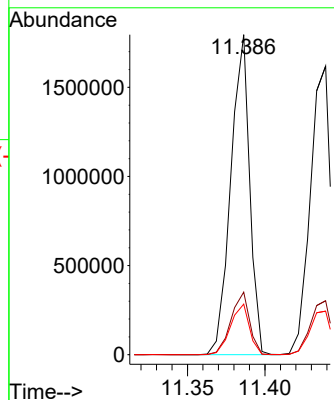
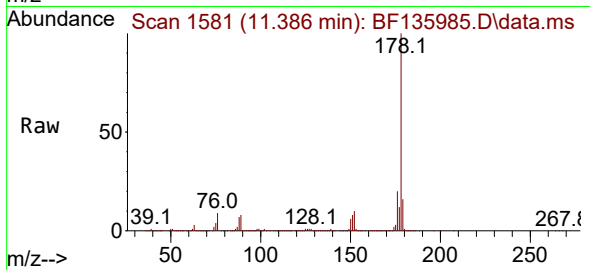
#71
Phenanthrene
Concen: 51.807 ng
RT: 11.386 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Instrument :
BNA_F
ClientSampleId :
VNJ-218MS

Tgt Ion:178 Resp: 1520390
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.8 12.5 18.7

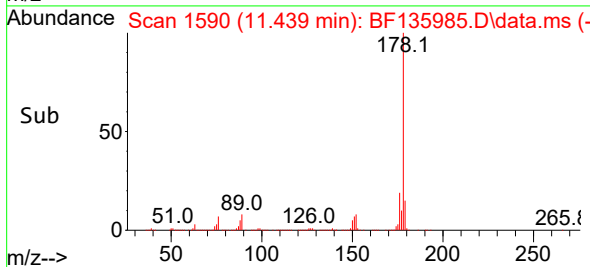
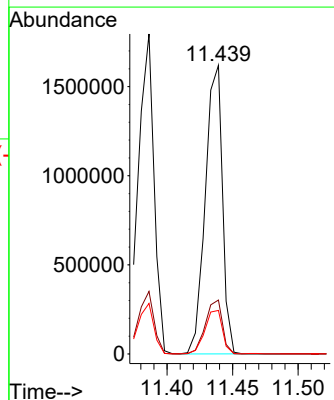
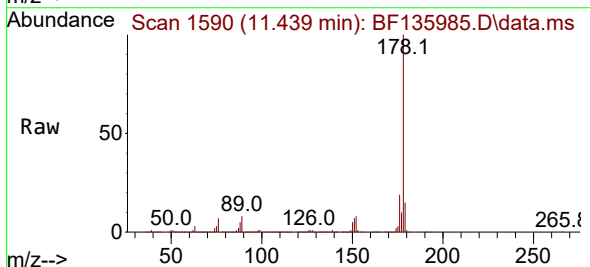
Manual Integrations
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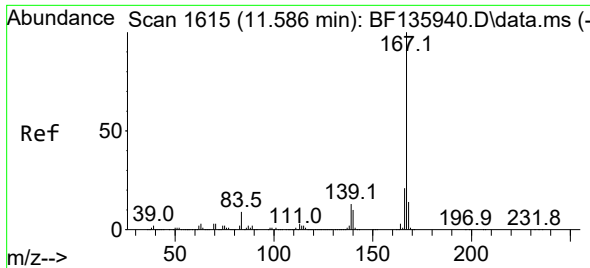
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#72
Anthracene
Concen: 49.097 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

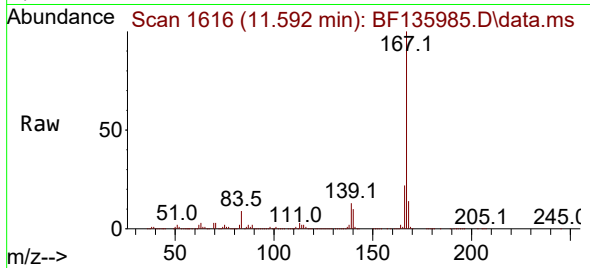
Tgt Ion:178 Resp: 1475341
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.1 12.5 18.7





#73
 Carbazole
 Concen: 45.757 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.006 min
 Lab File: BF135985.D
 Acq: 27 Oct 2023 15:27

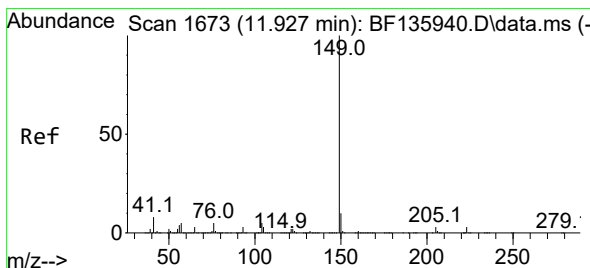
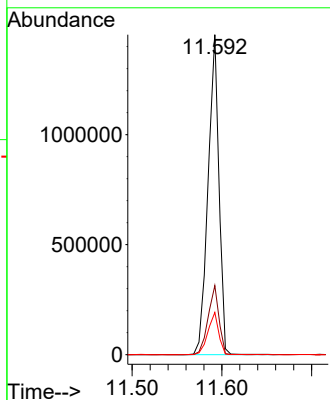
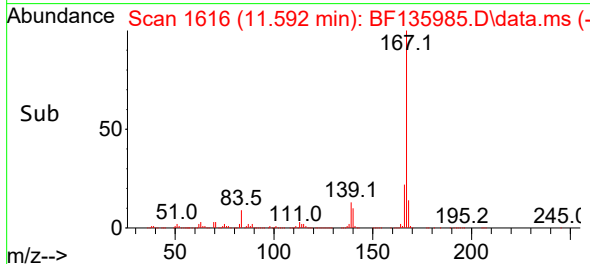
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-218MS



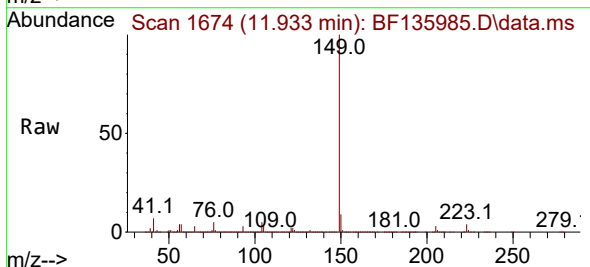
Tgt Ion:167 Resp: 1226560
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.2 10.4 15.6

Manual Integrations
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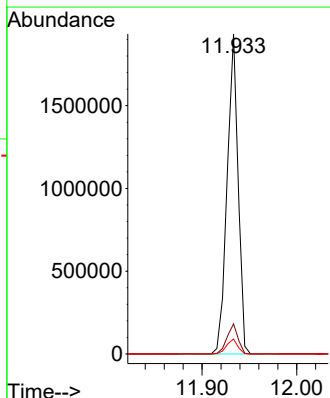
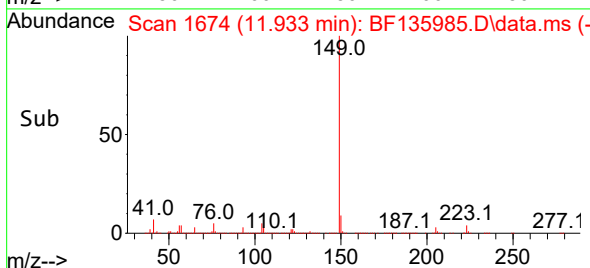
Reviewed By :Yogesh Patel 10/28/2023
 Supervised By :mohammad ahmed 10/28/2023

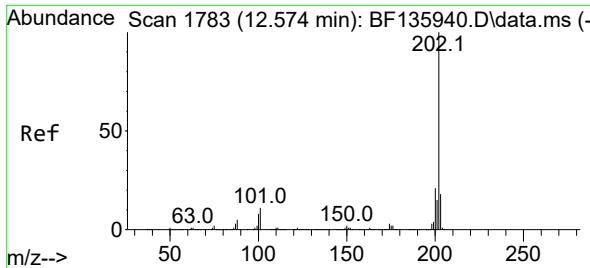


#74
 Di-n-butylphthalate
 Concen: 54.806 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.006 min
 Lab File: BF135985.D
 Acq: 27 Oct 2023 15:27



Tgt Ion:149 Resp: 1563317
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.7 3.9 5.9





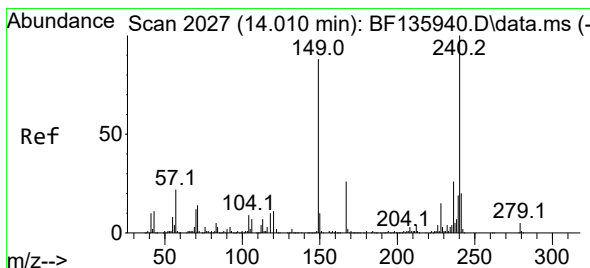
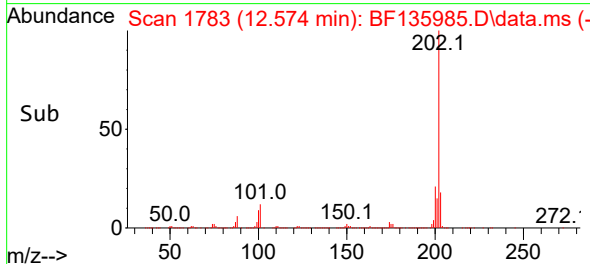
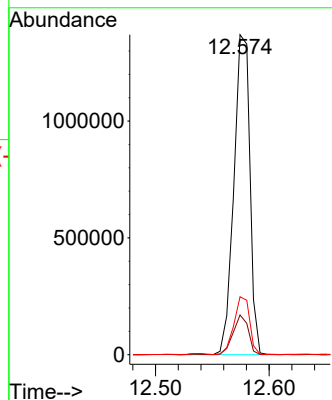
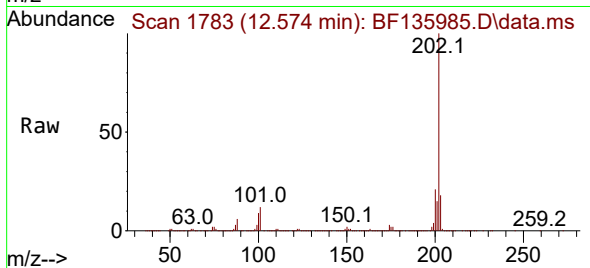
#75
Fluoranthene
Concen: 43.482 ng
RT: 12.574 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Instrument :
BNA_F
ClientSampleId :
VNJ-218MS

Tgt Ion:202 Resp: 1342499
Ion Ratio Lower Upper
202 100
101 12.4 0.0 30.6
203 18.1 0.0 37.5

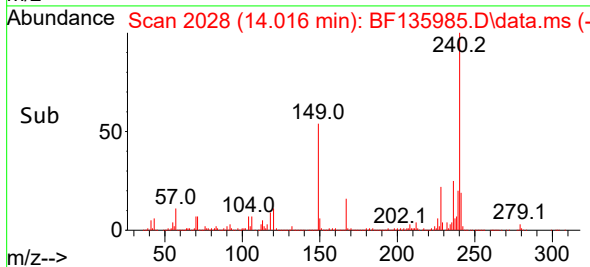
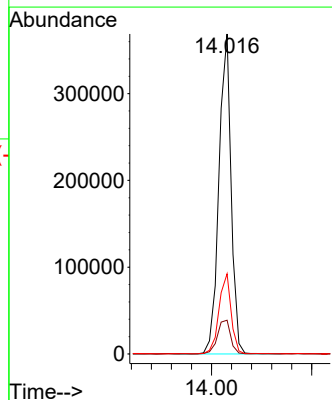
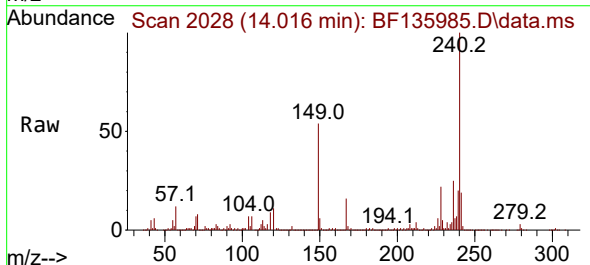
Manual Integrations
APPROVED

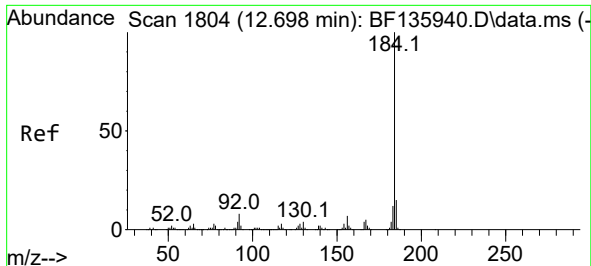
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Tgt Ion:240 Resp: 310123
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 25.0 20.6 30.8





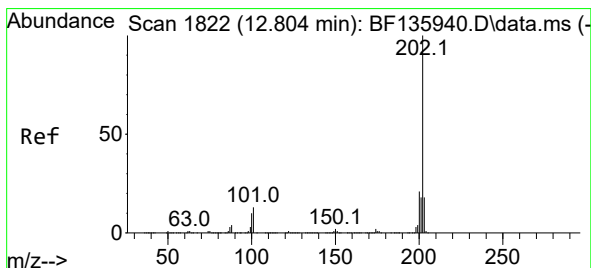
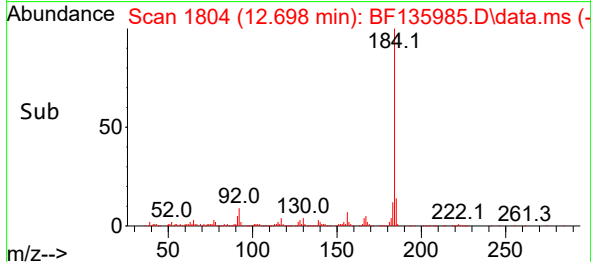
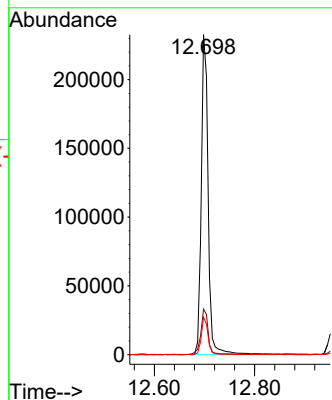
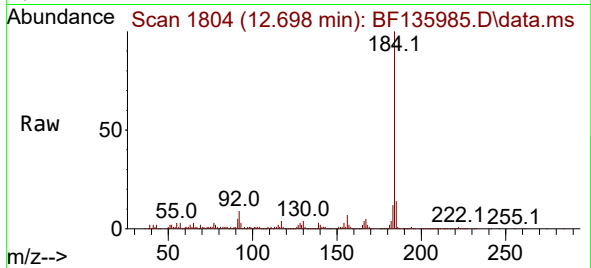
#77
Benzidine
Concen: 37.008 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Instrument :
BNA_F
ClientSampleId :
VNJ-218MS

Tgt Ion:184 Resp: 221302
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 11.7 9.2 13.8

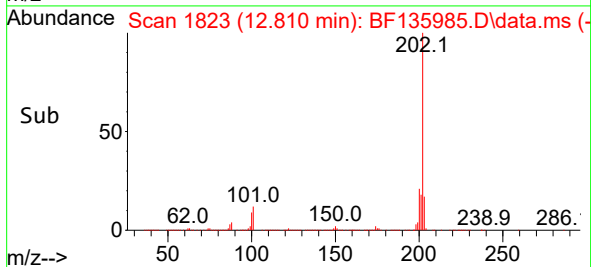
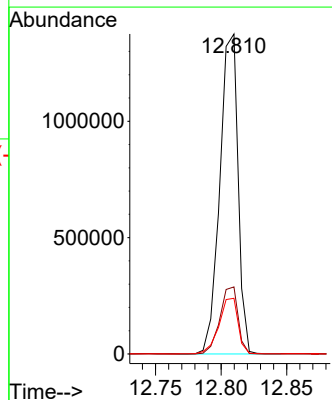
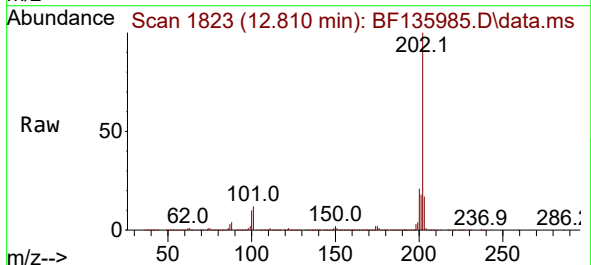
Manual Integrations
APPROVED

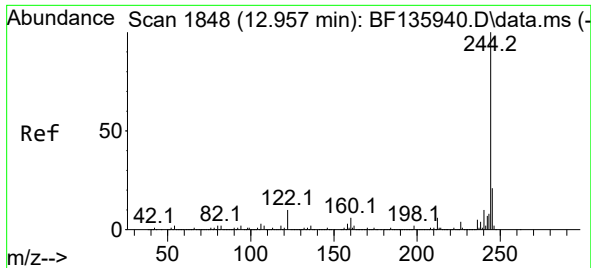
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#78
Pyrene
Concen: 51.035 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Tgt Ion:202 Resp: 1328911
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 17.4 14.5 21.7





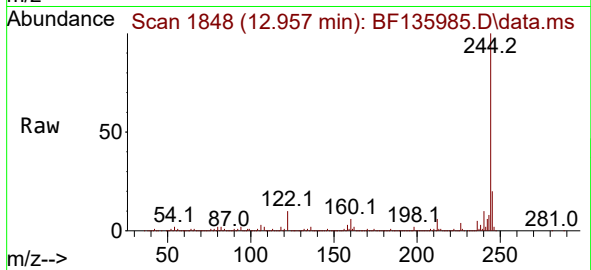
#79
 Terphenyl-d14
 Concen: 69.293 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF135985.D
 Acq: 27 Oct 2023 15:27

Instrument :

BNA_F

ClientSampleId :

VNJ-218MS

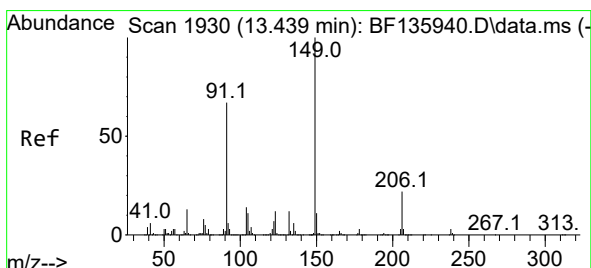
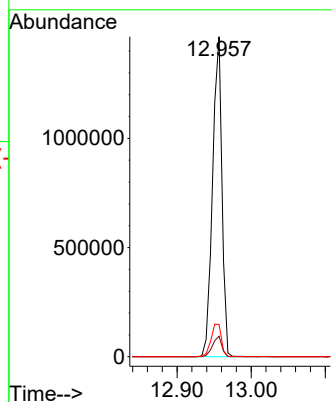
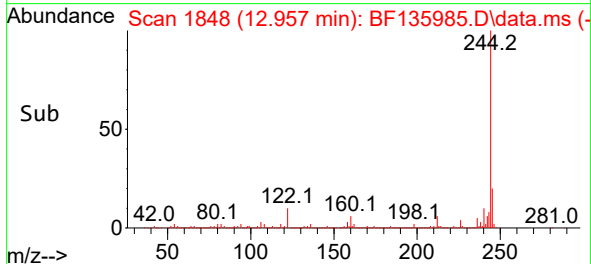


Tgt Ion:244 Resp: 1286198
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.6
 122 10.1 8.0 12.0

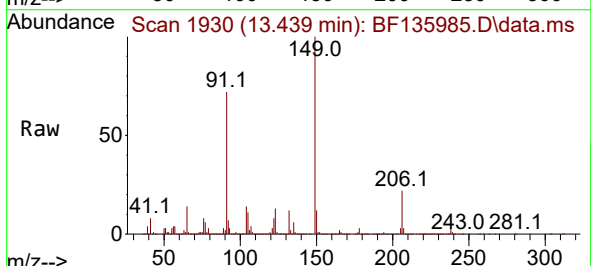
Manual Integrations

APPROVED

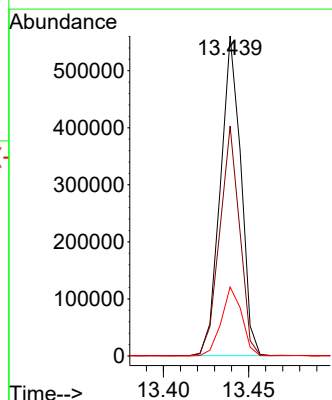
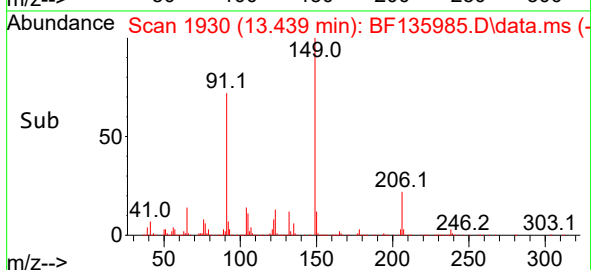
Reviewed By :Yogesh Patel 10/28/2023
 Supervised By :mohammad ahmed 10/28/2023

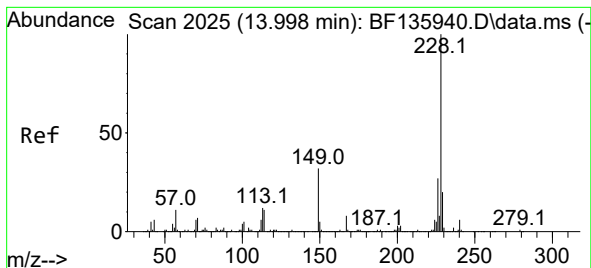


#80
 Butylbenzylphthalate
 Concen: 47.607 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BF135985.D
 Acq: 27 Oct 2023 15:27



Tgt Ion:149 Resp: 468156
 Ion Ratio Lower Upper
 149 100
 91 71.8 53.4 80.0
 206 21.6 17.5 26.3





#81

Benzo(a)anthracene

Concen: 51.581 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

Instrument :

BNA_F

ClientSampleId :

VNJ-218MS

Tgt Ion:228 Resp: 108767

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.6

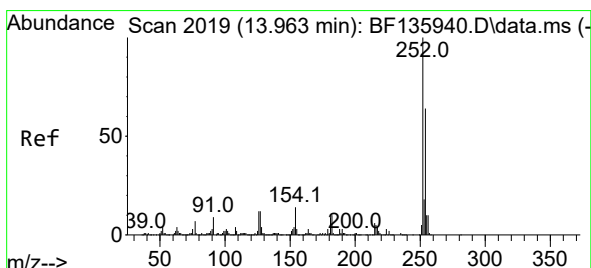
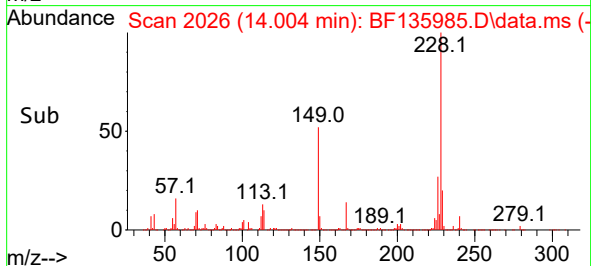
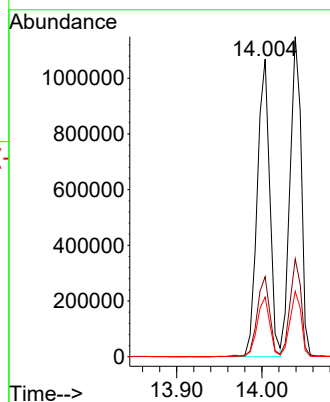
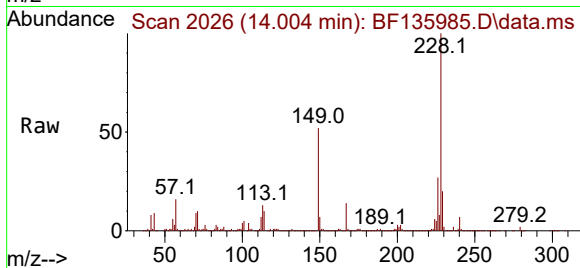
229 20.1 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2023

Supervised By :mohammad ahmed 10/28/2023



#82

3,3'-Dichlorobenzidine

Concen: 32.762 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

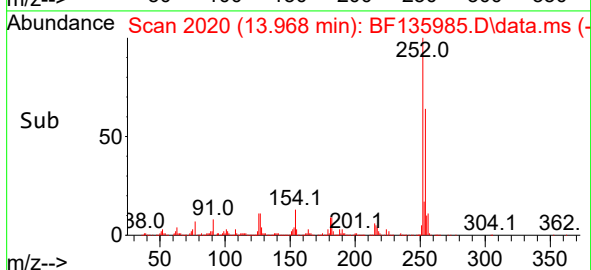
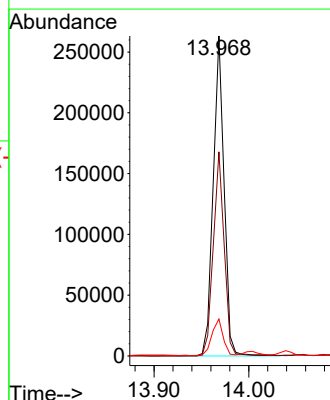
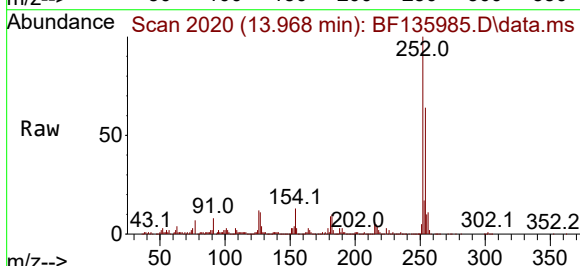
Tgt Ion:252 Resp: 210176

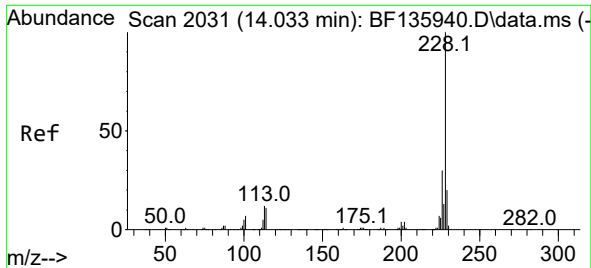
Ion Ratio Lower Upper

252 100

254 63.8 50.9 76.3

126 11.5 9.8 14.6





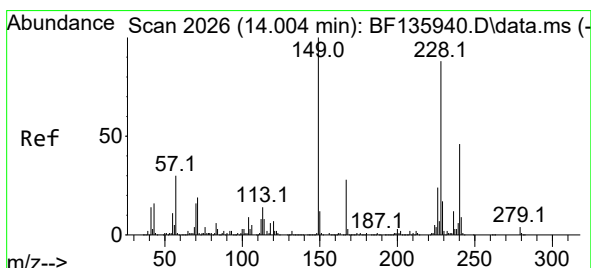
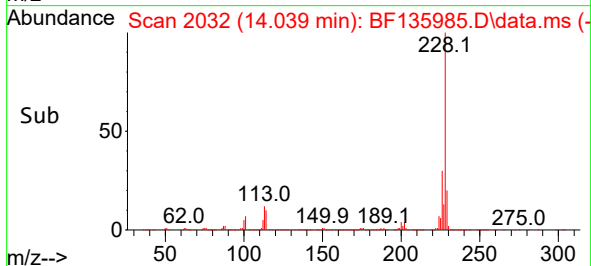
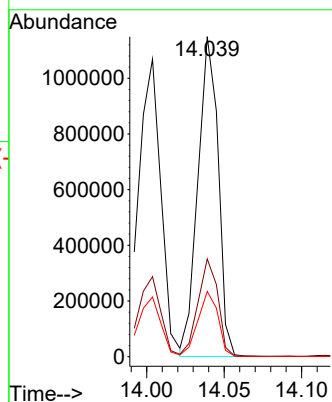
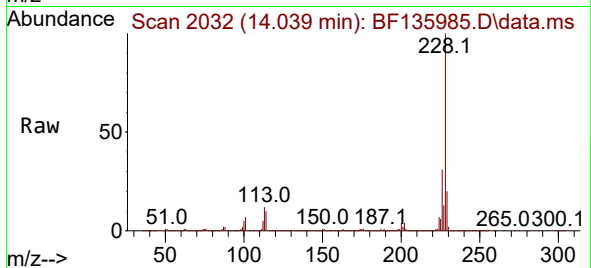
#83
Chrysene
Concen: 50.813 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Instrument :
BNA_F
ClientSampleId :
VNJ-218MS

Tgt Ion:228 Resp: 1043570
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 20.4 16.2 24.2

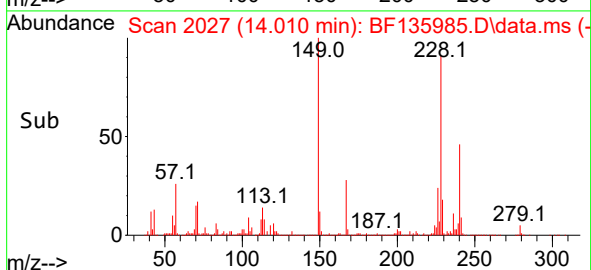
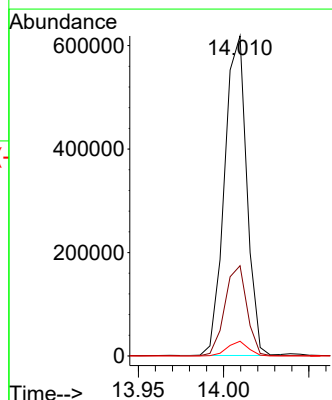
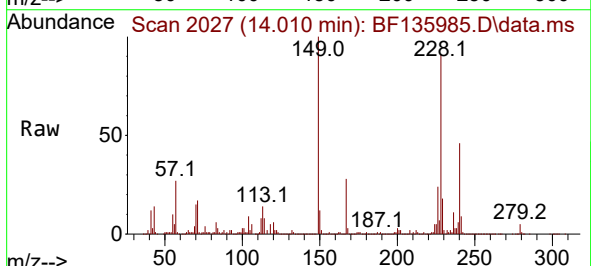
Manual Integrations
APPROVED

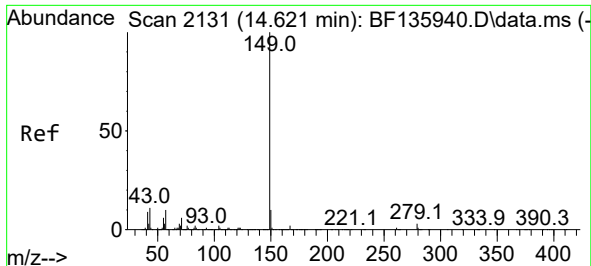
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.471 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

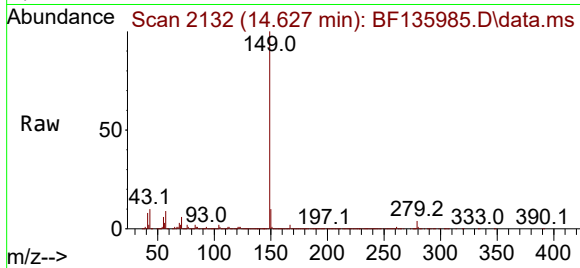
Tgt Ion:149 Resp: 561838
Ion Ratio Lower Upper
149 100
167 28.2 22.2 33.2
279 4.6 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 65.582 ng
RT: 14.627 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

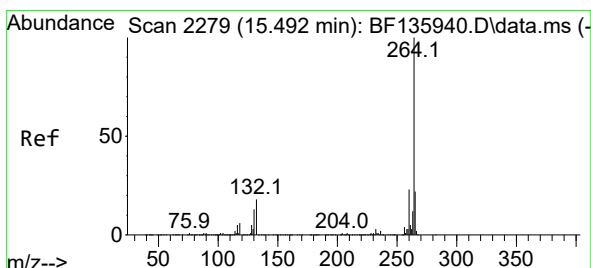
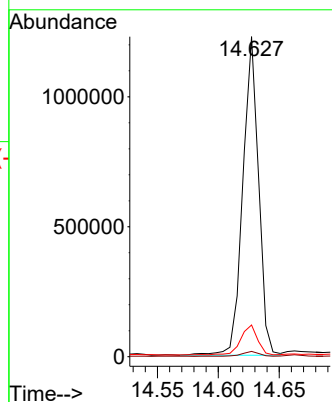
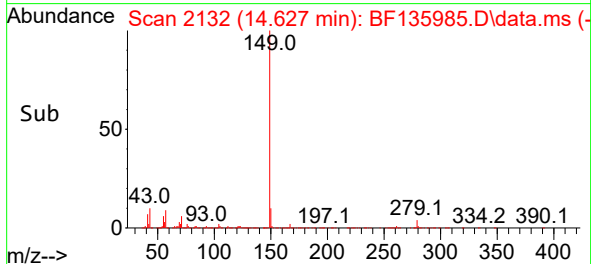
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



Tgt Ion:149 Resp: 110620
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.0 8.6 12.8

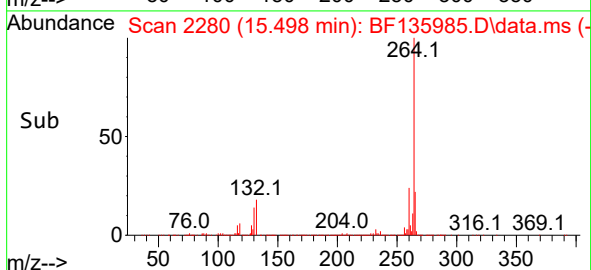
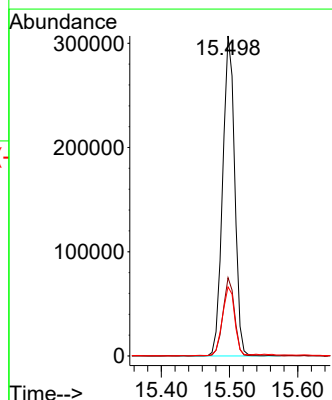
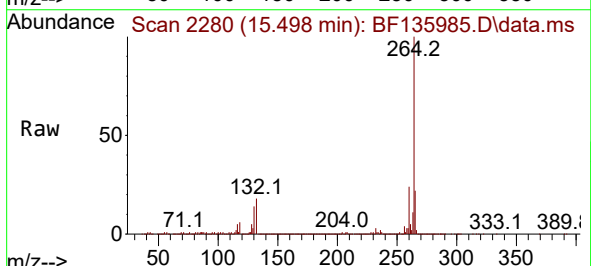
Manual Integrations
APPROVED

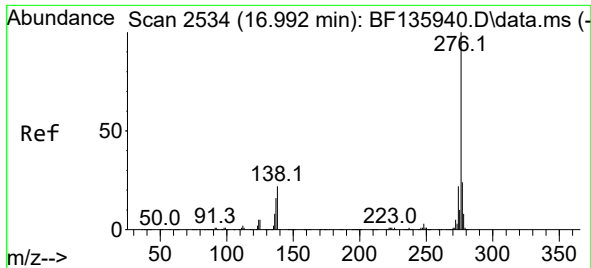
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

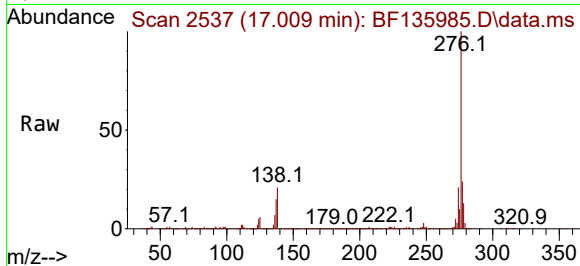
Tgt Ion:264 Resp: 378833
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 21.6 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.206 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.017 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

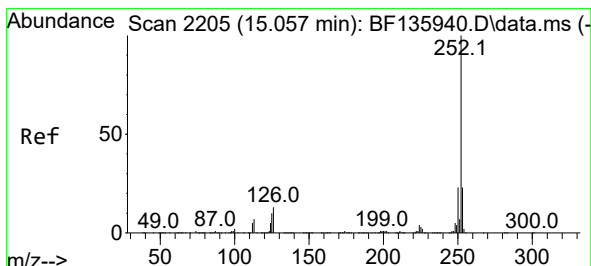
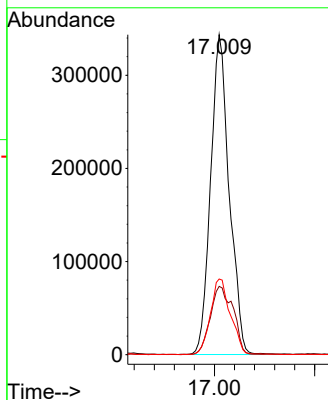
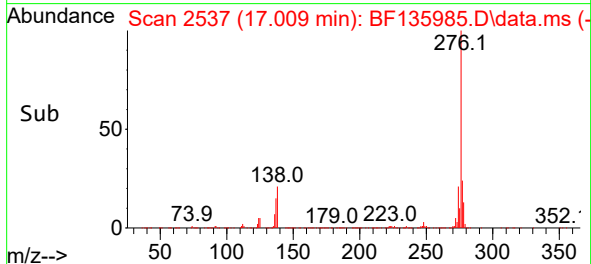
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



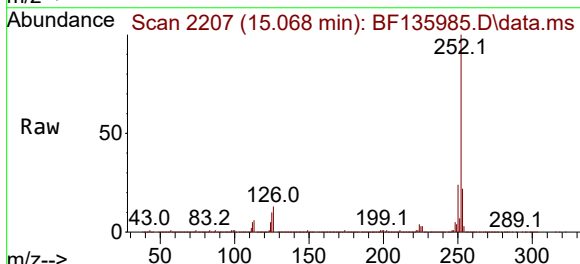
Tgt Ion:276 Resp: 88515
Ion Ratio Lower Upper
276 100
138 26.0 21.8 32.6
277 25.7 20.0 30.0

Manual Integrations
APPROVED

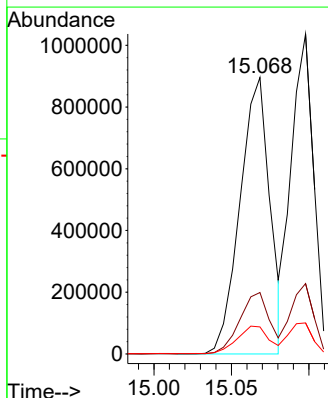
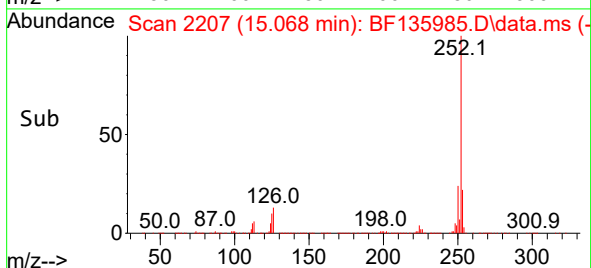
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

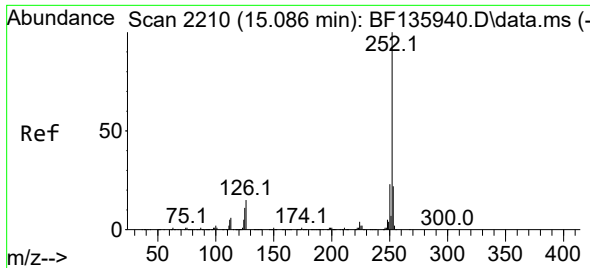


#88
Benzo(b)fluoranthene
Concen: 53.206 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.012 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27



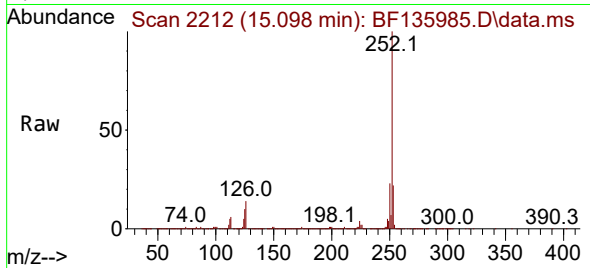
Tgt Ion:252 Resp: 1199540
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.8 8.2 12.4





#89
Benzo(k)fluoranthene
Concen: 47.059 ng
RT: 15.098 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

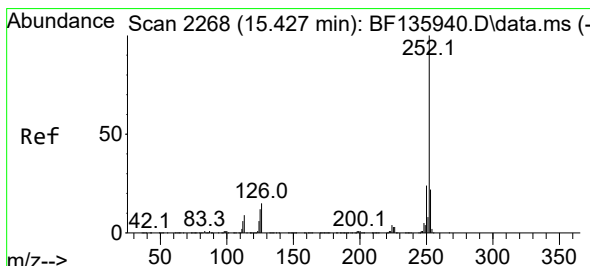
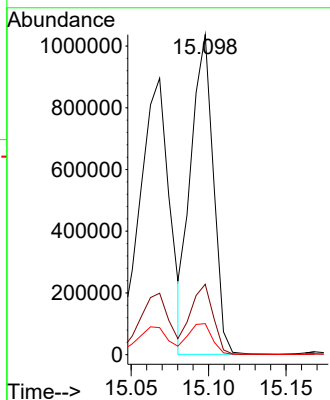
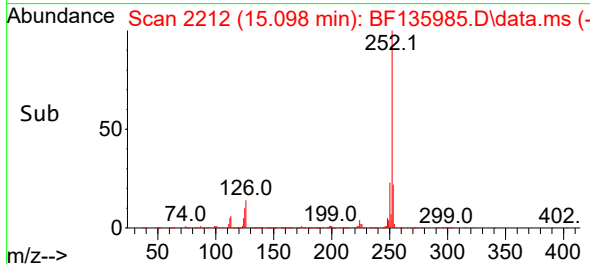
Instrument :
BNA_F
ClientSampleId :
VNJ-218MS



Tgt Ion:252 Resp: 1041999
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.7 8.5 12.7

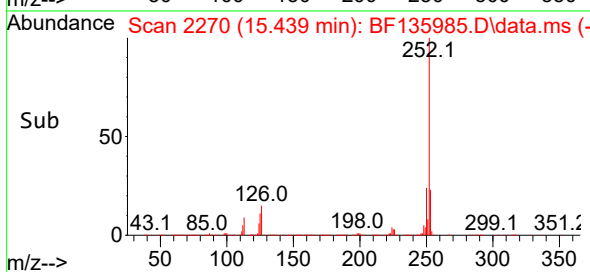
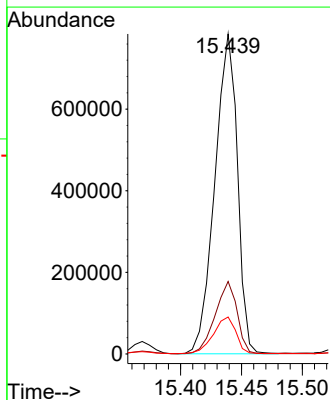
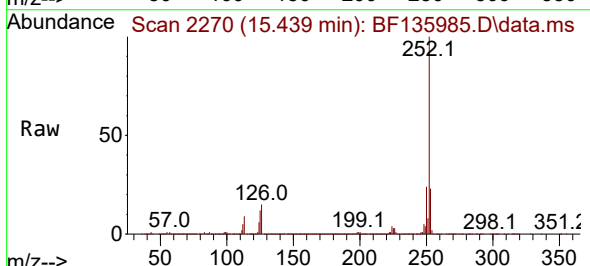
Manual Integrations
APPROVED

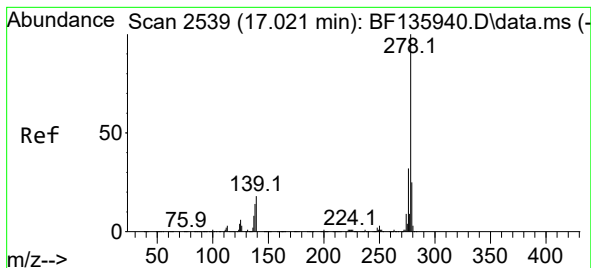
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#90
Benzo(a)pyrene
Concen: 48.616 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BF135985.D
Acq: 27 Oct 2023 15:27

Tgt Ion:252 Resp: 1010163
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 11.5 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 40.048 ng

RT: 17.039 min Scan# 2542

Delta R.T. 0.018 min

Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

Instrument :

BNA_F

ClientSampleId :

VNJ-218MS

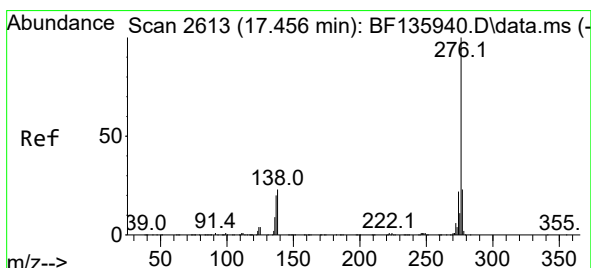
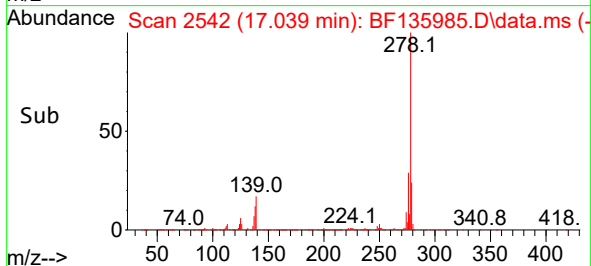
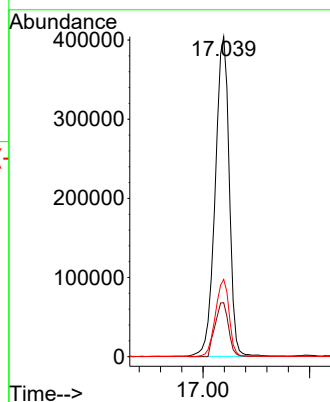
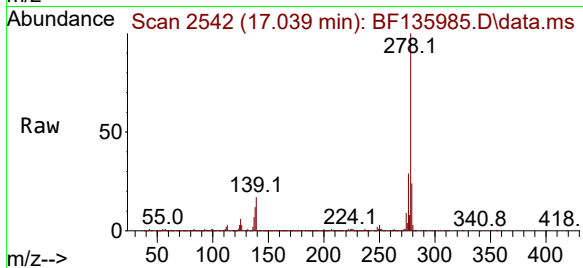
Tgt Ion:278 Resp: 735849
 Ion Ratio Lower Upper
 278 100
 139 16.8 14.0 21.0
 279 24.2 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2023

Supervised By :mohammad ahmed 10/28/2023



#92

Benzo(g,h,i)perylene

Concen: 32.424 ng

RT: 17.474 min Scan# 2616

Delta R.T. 0.018 min

Lab File: BF135985.D

Acq: 27 Oct 2023 15:27

Tgt Ion:276 Resp: 649735
 Ion Ratio Lower Upper
 276 100
 277 23.4 18.6 28.0
 138 21.9 18.4 27.6

