

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137433.D
 Acq On : 28 Feb 2024 20:19
 Operator : CG\JU
 Sample : P1523-09MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MS

Quant Time: Feb 29 03:15:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	136629	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	566580	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	359017	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	682975	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	413248	20.000	ng	0.00
86) Perylene-d12	15.457	264	410507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	381587	43.095	ng	-0.02
7) Phenol-d6	6.422	99	930926	71.471	ng	-0.02
23) Nitrobenzene-d5	7.345	82	893509	78.732	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	80801	25.845	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1505497	65.284	ng	-0.01
79) Terphenyl-d14	12.916	244	1880679	63.654	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.499	88	180094	37.128	ng	96
3) Pyridine	3.246	79	408577	33.608	ng	99
4) n-Nitrosodimethylamine	3.210	42	161109	35.964	ng	98
6) Aniline	6.445	93	430272	27.855	ng	92
8) 2-Chlorophenol	6.569	128	444756	46.831	ng	97
9) Benzaldehyde	6.334	77	71225	11.358	ng	99
10) Phenol	6.434	94	643026	45.108	ng	97
11) bis(2-Chloroethyl)ether	6.522	93	461663	44.569	ng	99
12) 1,3-Dichlorobenzene	6.722	146	456863	44.796	ng	98
13) 1,4-Dichlorobenzene	6.798	146	470921	44.848	ng	98
14) 1,2-Dichlorobenzene	6.951	146	444312	45.746	ng	98
15) Benzyl Alcohol	6.928	79	407492	52.483	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	795986	46.232	ng	100
17) 2-Methylphenol	7.040	107	371044	41.292	ng	99
18) Hexachloroethane	7.287	117	155461	42.965	ng	93
19) n-Nitroso-di-n-propyla...	7.198	70	361271	45.010	ng	97
20) 3+4-Methylphenols	7.192	107	468280	45.722	ng	90
22) Acetophenone	7.192	105	620210	45.142	ng	98
24) Nitrobenzene	7.369	77	528111	45.797	ng	99
25) Isophorone	7.604	82	1029679	43.874	ng	99
26) 2-Nitrophenol	7.681	139	226649	51.228	ng	98
27) 2,4-Dimethylphenol	7.722	122	348630	40.392	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	606356	44.824	ng	100
29) 2,4-Dichlorophenol	7.922	162	388468	48.020	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	385446	44.390	ng	100
31) Naphthalene	8.087	128	1320201	43.420	ng	100
32) Benzoic acid	7.845	122	238113	45.506	ng	98
33) 4-Chloroaniline	8.140	127	198957	17.204	ng	95
34) Hexachlorobutadiene	8.198	225	221565	42.953	ng	100
35) Caprolactam	8.504	113	152308m	60.881	ng	
36) 4-Chloro-3-methylphenol	8.628	107	455232	49.637	ng	95
37) 2-Methylnaphthalene	8.775	142	857508	43.767	ng	100
38) 1-Methylnaphthalene	8.875	142	814920	43.993	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	409365	41.399	ng	98
41) Hexachlorocyclopentadiene	8.928	237	157377	35.103	ng	96
43) 2,4,6-Trichlorophenol	9.057	196	291109	45.405	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	314501	42.757	ng	98
46) 1,1'-Biphenyl	9.245	154	1102546	42.165	ng	98
47) 2-Chloronaphthalene	9.269	162	855944	43.345	ng	98
48) 2-Nitroaniline	9.369	65	324023	53.493	ng	98
49) Acenaphthylene	9.681	152	1417041	44.167	ng	99
50) Dimethylphthalate	9.551	163	1108653	44.690	ng	99
51) 2,6-Dinitrotoluene	9.610	165	237542	51.470	ng	# 87
52) Acenaphthene	9.857	154	806860	42.130	ng	99
53) 3-Nitroaniline	9.781	138	205513	39.415	ng	97
54) 2,4-Dinitrophenol	9.886	184	216453	93.423	ng	94
55) Dibenzofuran	10.028	168	1273706	43.030	ng	98
56) 4-Nitrophenol	9.951	139	382452	96.756	ng	93
57) 2,4-Dinitrotoluene	10.016	165	318282	54.403	ng	98
58) Fluorene	10.375	166	973338	43.058	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	274284	45.031	ng	93
60) Diethylphthalate	10.251	149	1100055	47.495	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	465275	41.842	ng	97
62) 4-Nitroaniline	10.404	138	220779	45.561	ng	99
63) Azobenzene	10.528	77	1227708	44.303	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	159102	47.674	ng	95
66) n-Nitrosodiphenylamine	10.492	169	902943	40.708	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	299890	40.844	ng	98
68) Hexachlorobenzene	10.922	284	326684	43.011	ng	99
69) Atrazine	11.022	200	305604	51.053	ng	98
70) Pentachlorophenol	11.122	266	347440	72.200	ng	99
71) Phenanthrene	11.339	178	1582054	41.986	ng	99
72) Anthracene	11.392	178	1601494	41.241	ng	100
73) Carbazole	11.551	167	1454770	43.847	ng	99
74) Di-n-butylphthalate	11.892	149	1909176	57.509	ng	99
75) Fluoranthene	12.539	202	1623049	44.127	ng	100
77) Benzidine	12.669	184	166316	27.100	ng	97
78) Pyrene	12.763	202	1655865	42.376	ng	100
80) Butylbenzylphthalate	13.398	149	567738	79.349	ng	92
81) Benzo(a)anthracene	13.963	228	1262381	44.022	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	353142	52.306	ng	98
83) Chrysene	14.004	228	1272335	43.434	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	849049	90.194	ng	98
85) Di-n-octyl phthalate	14.586	149	1555567	84.639	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.968	276	1051770	37.431	ng	99
88) Benzo(b)fluoranthene	15.027	252	1149640	45.652	ng	98
89) Benzo(k)fluoranthene	15.057	252	1116212	42.290	ng	99
90) Benzo(a)pyrene	15.398	252	1029277	43.090	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	863634	37.431	ng	99
92) Benzo(g,h,i)perylene	17.421	276	798582	33.806	ng	99

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

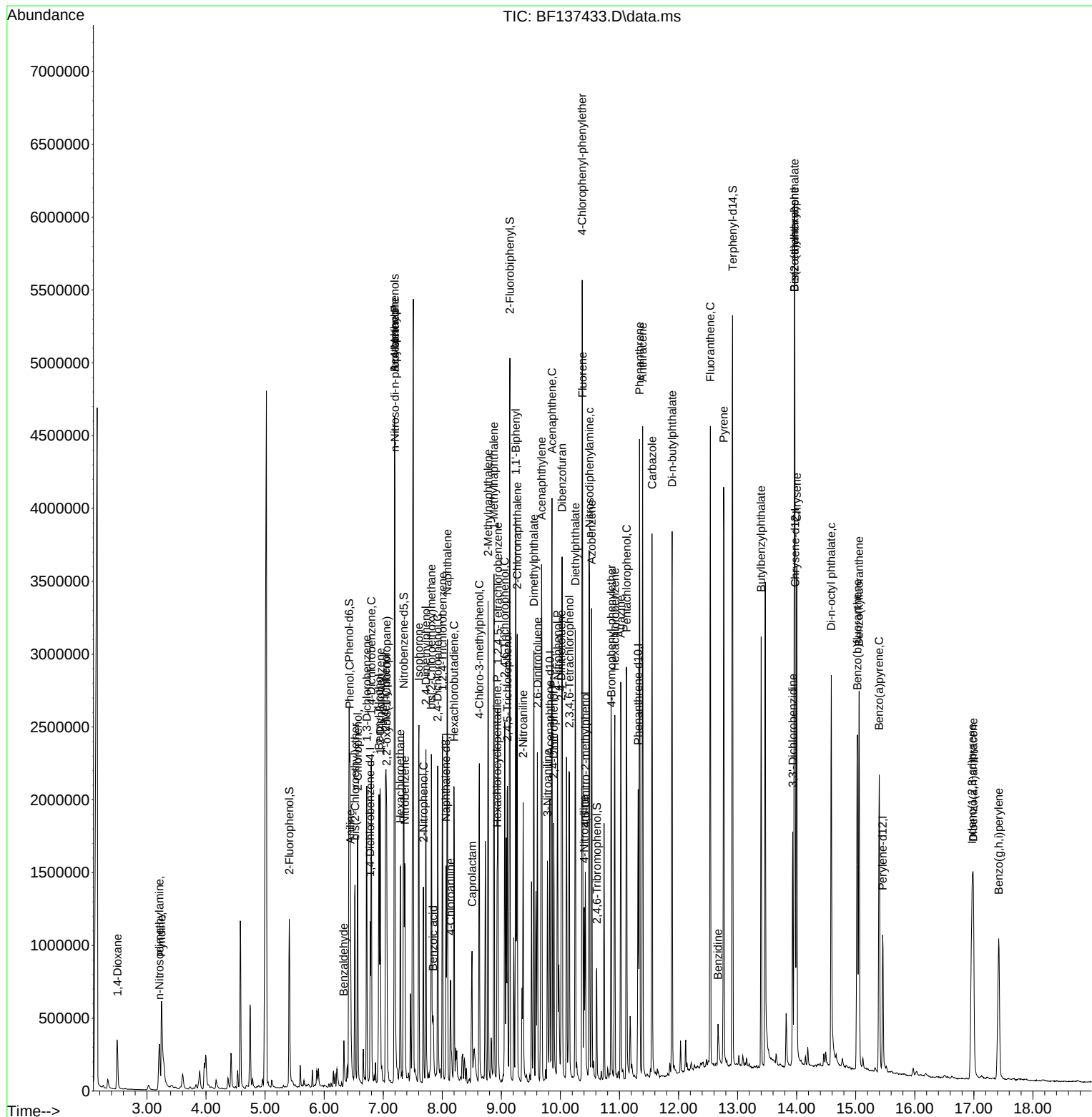
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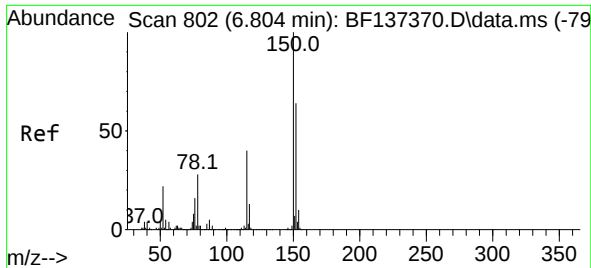
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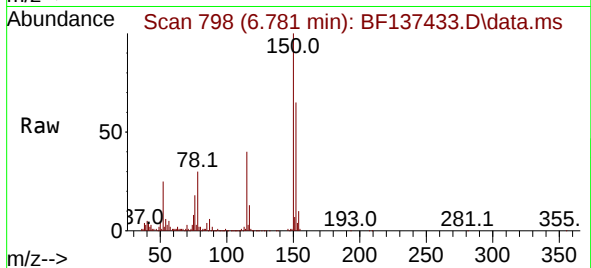
Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.023 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

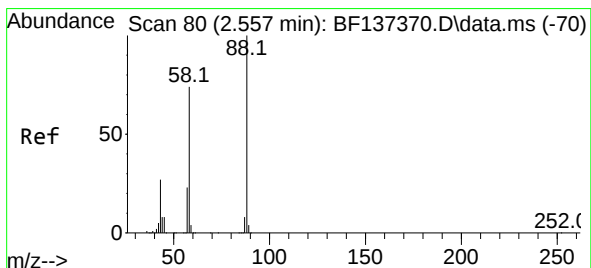
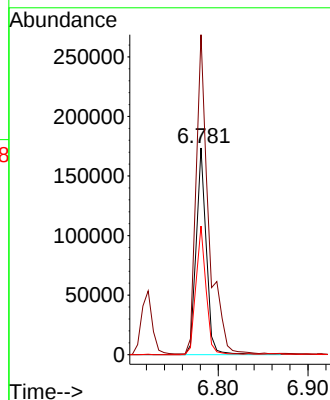
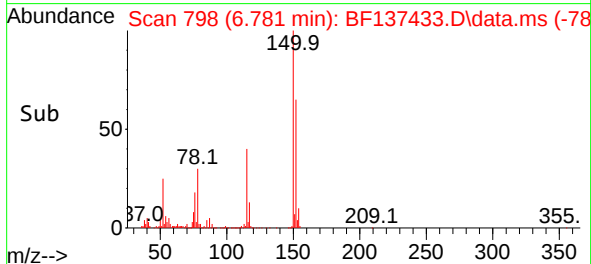
Instrument : BNA_F
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Tgt Ion:152 Resp: 136629
Ion Ratio Lower Upper
152 100
150 154.8 125.7 188.5
115 62.2 49.8 74.8

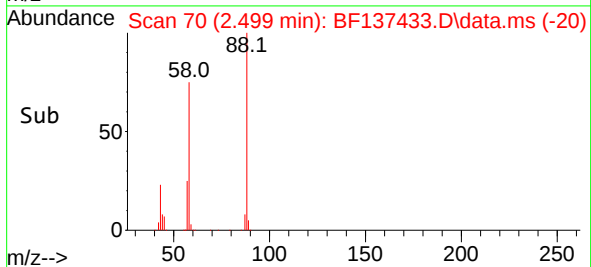
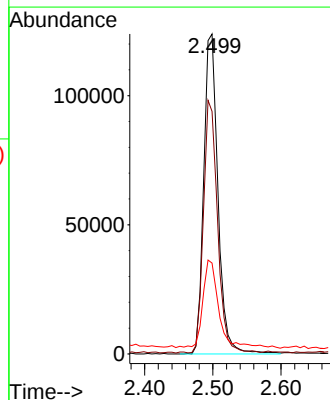
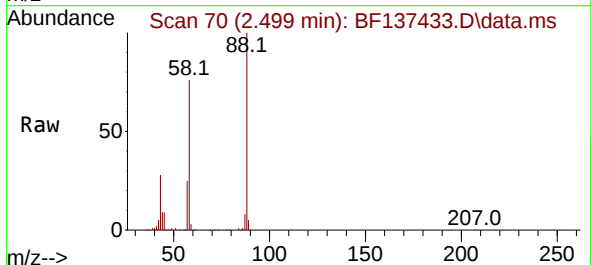
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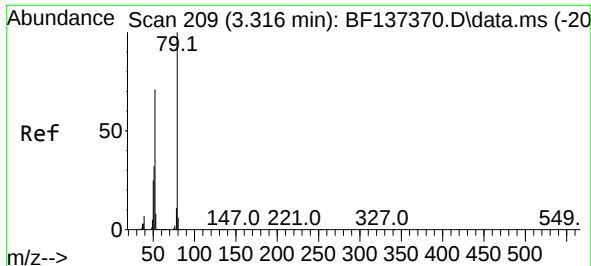
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#2
1,4-Dioxane
Concen: 37.128 ng
RT: 2.499 min Scan# 70
Delta R.T. -0.059 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

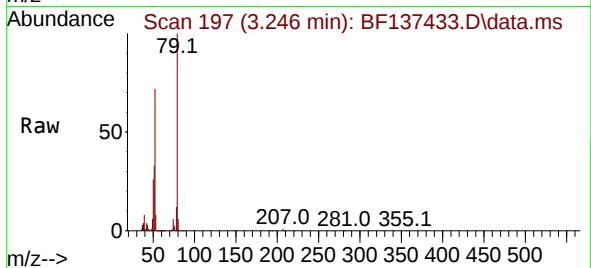
Tgt Ion: 88 Resp: 180094
Ion Ratio Lower Upper
88 100
58 78.4 60.6 91.0
43 31.1 22.0 33.0





#3
Pyridine
Concen: 33.608 ng
RT: 3.246 min Scan# 190
Delta R.T. -0.070 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

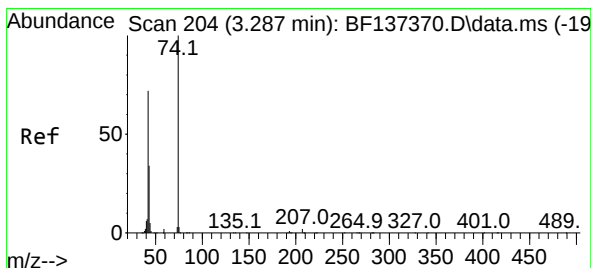
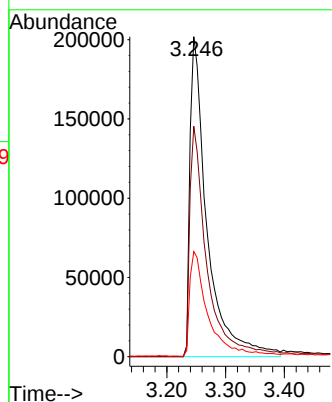
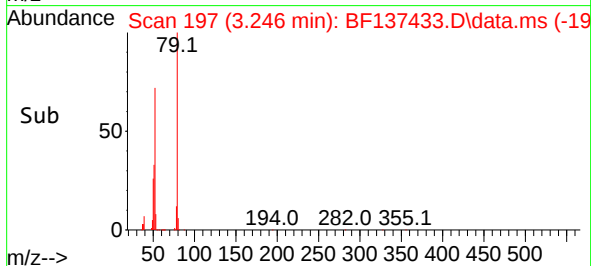
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 79 Resp: 40857
Ion Ratio Lower Upper
79 100
52 72.0 56.5 84.7
51 32.8 26.2 39.2

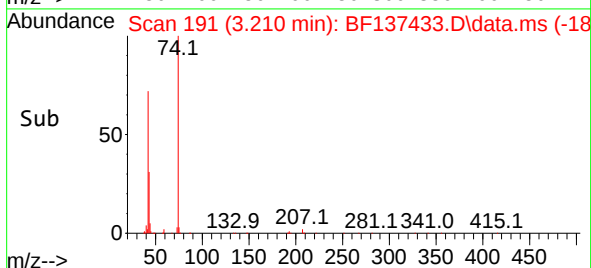
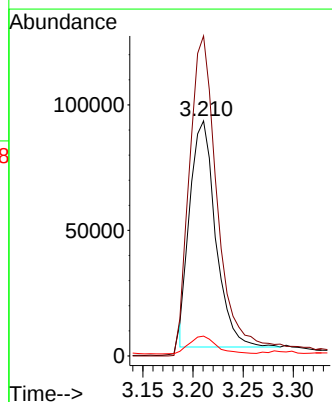
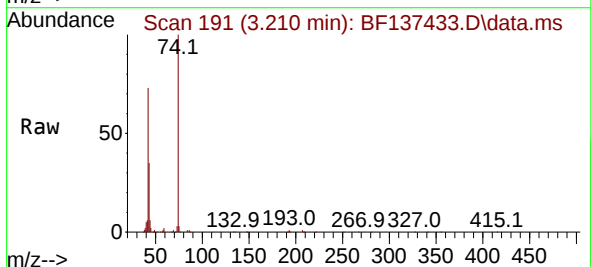
Manual Integrations
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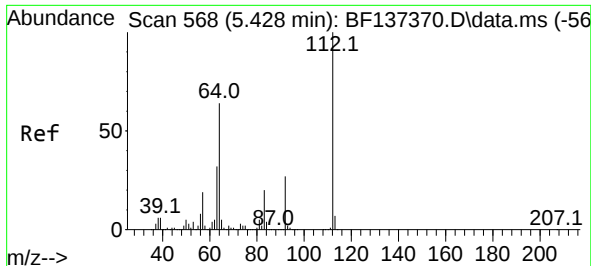
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#4
n-Nitrosodimethylamine
Concen: 35.964 ng
RT: 3.210 min Scan# 191
Delta R.T. -0.077 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

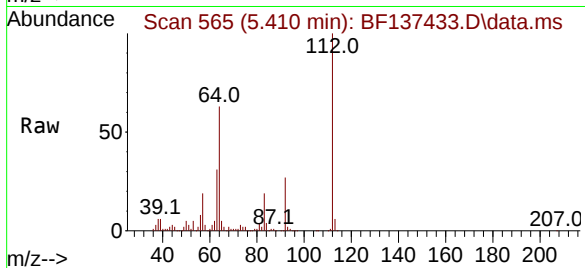
Tgt Ion: 42 Resp: 161109
Ion Ratio Lower Upper
42 100
74 136.2 110.8 166.2
44 8.4 6.0 9.0





#5
2-Fluorophenol
Concen: 43.095 ng
RT: 5.410 min Scan# 501
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

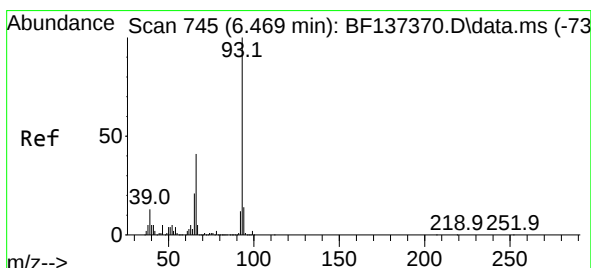
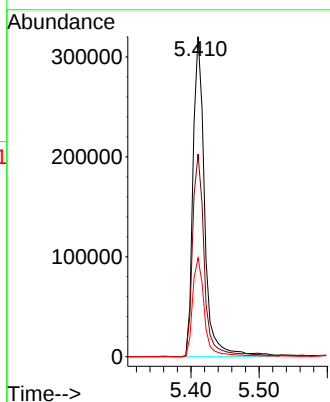
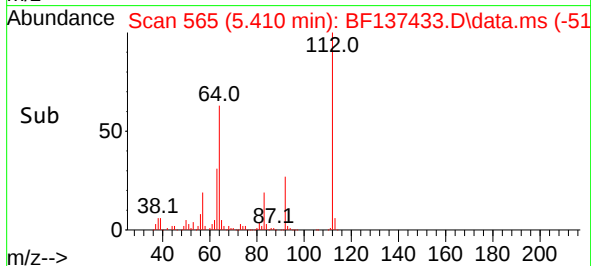
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Tgt Ion:112 Resp: 38158
Ion Ratio Lower Upper
112 100
64 63.3 51.0 76.6
63 30.9 25.7 38.5

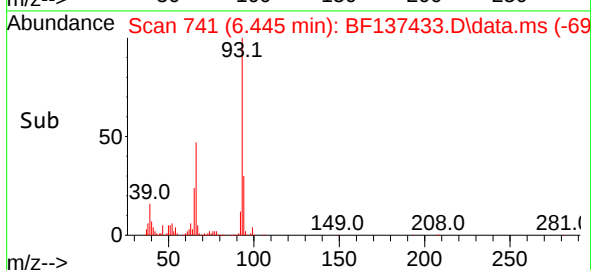
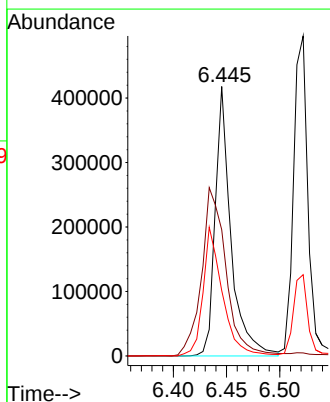
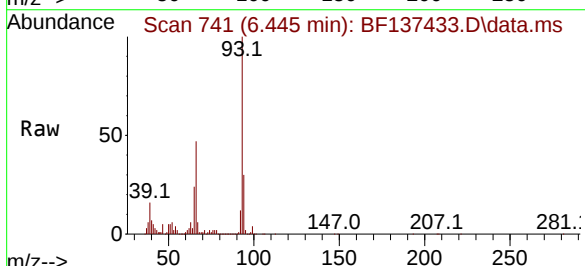
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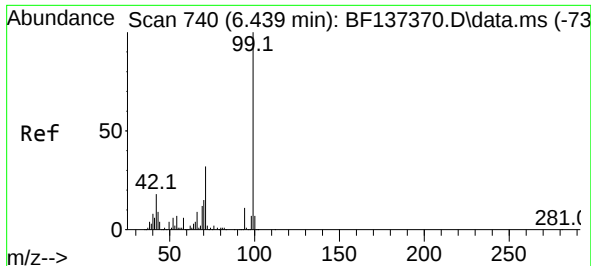
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#6
Aniline
Concen: 27.855 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.023 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

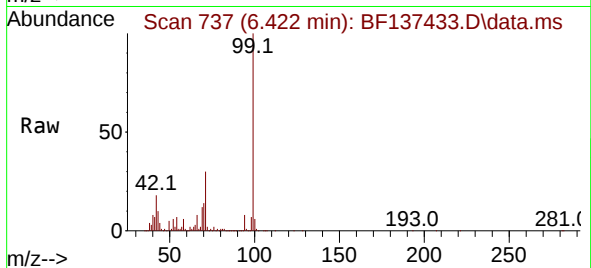
Tgt Ion: 93 Resp: 430272
Ion Ratio Lower Upper
93 100
66 46.9 33.0 49.4
65 24.3 17.0 25.6





#7
Phenol-d6
Concen: 71.471 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

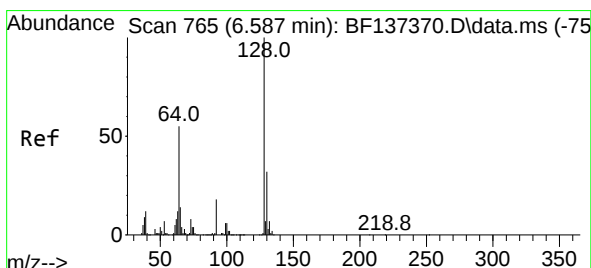
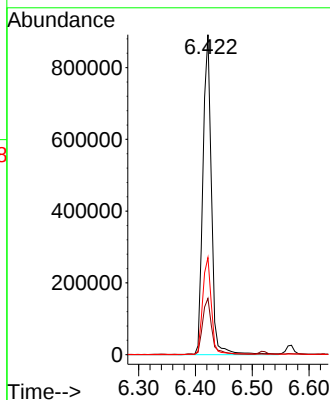
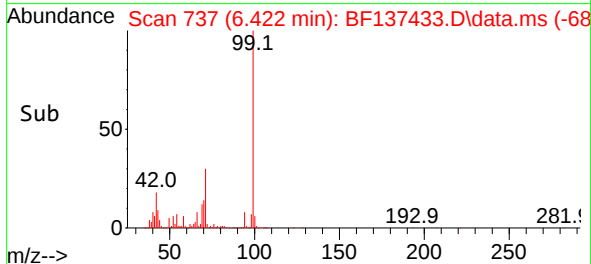
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Tgt Ion: 99 Resp: 930920
Ion Ratio Lower Upper
99 100
42 17.6 14.2 21.4
71 30.4 25.2 37.8

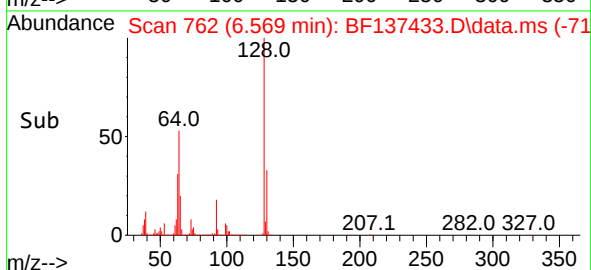
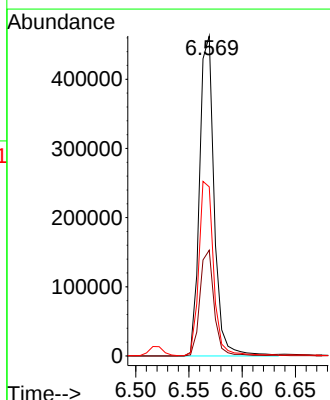
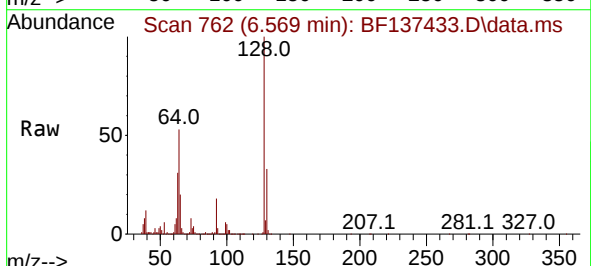
Manual Integrations
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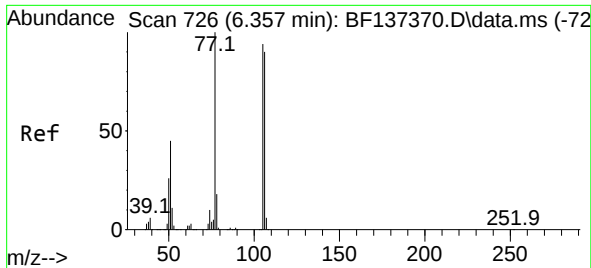
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#8
2-Chlorophenol
Concen: 46.831 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

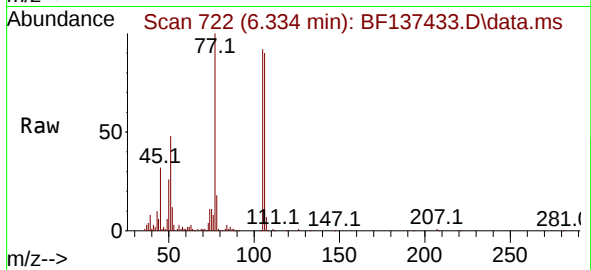
Tgt Ion:128 Resp: 444756
Ion Ratio Lower Upper
128 100
130 33.1 12.1 52.1
64 52.9 35.3 75.3





#9
Benzaldehyde
Concen: 11.358 ng
RT: 6.334 min Scan# 712
Delta R.T. -0.023 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

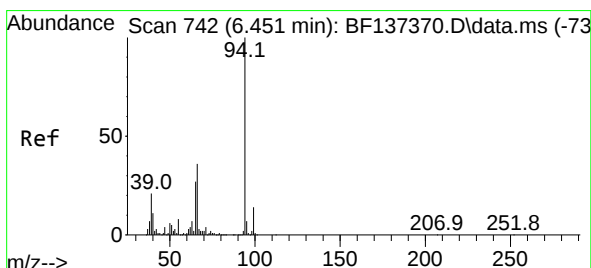
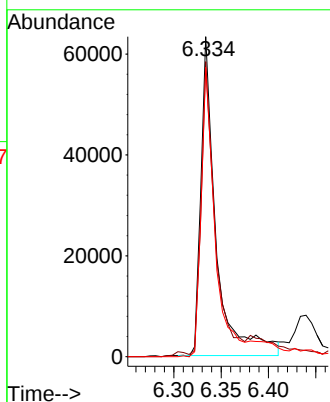
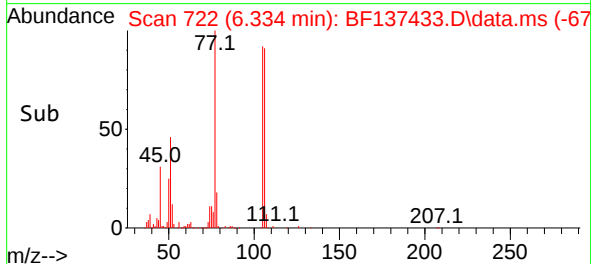
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ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 77 Resp: 71225
Ion Ratio Lower Upper
77 100
105 92.2 74.1 114.1
106 90.4 70.2 110.2

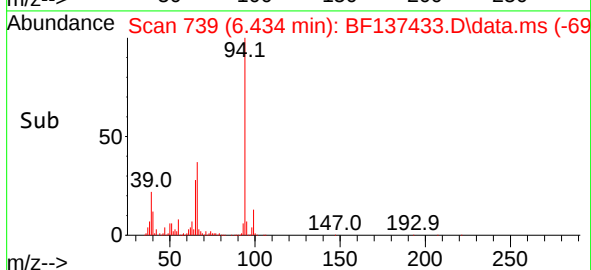
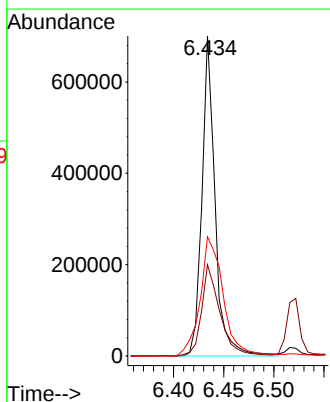
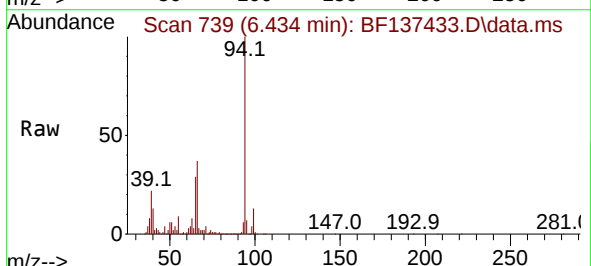
Manual Integrations
APPROVED

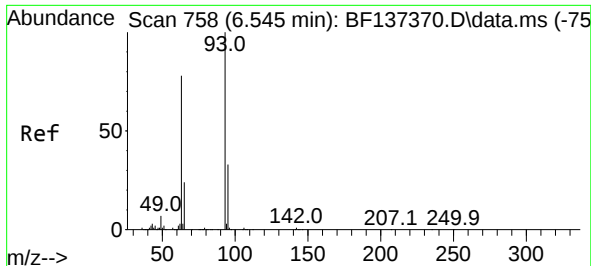
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#10
Phenol
Concen: 45.108 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

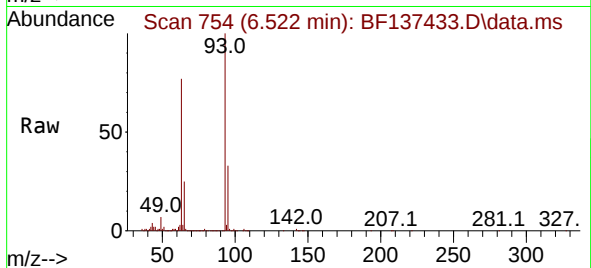
Tgt Ion: 94 Resp: 643026
Ion Ratio Lower Upper
94 100
65 28.5 7.4 47.4
66 37.3 15.6 55.6





#11
bis(2-Chloroethyl)ether
Concen: 44.569 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.023 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

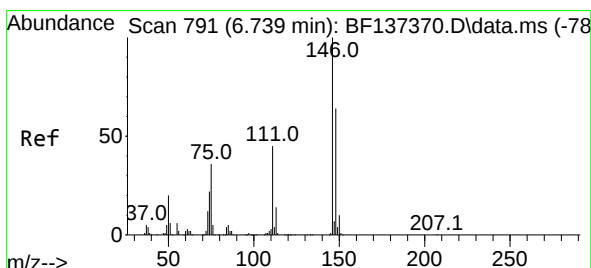
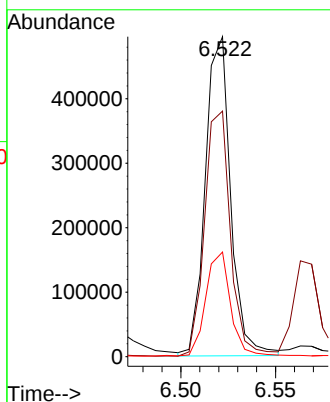
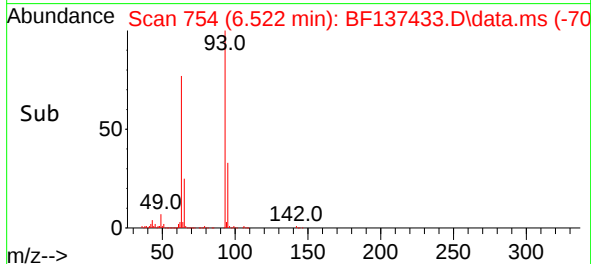
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 93 Resp: 461663
Ion Ratio Lower Upper
93 100
63 76.8 56.1 96.1
95 32.7 12.7 52.7

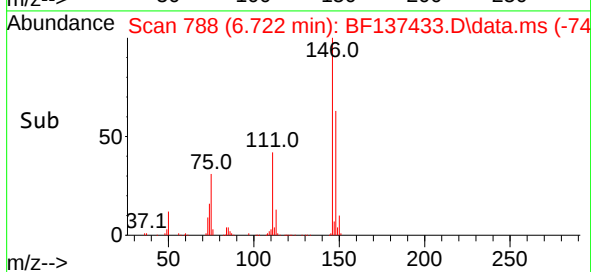
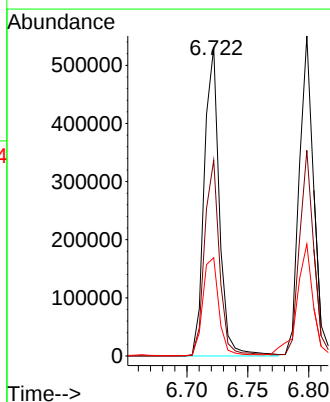
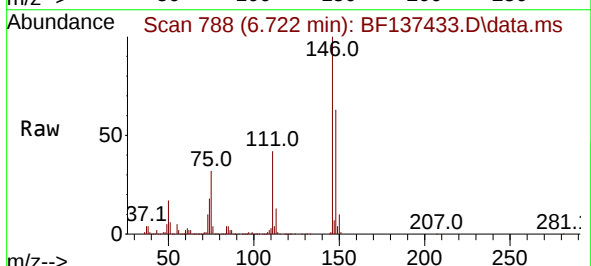
Manual Integrations
APPROVED

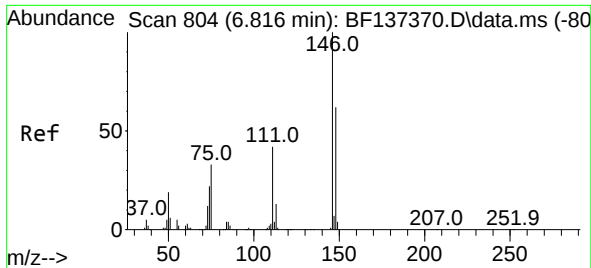
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#12
1,3-Dichlorobenzene
Concen: 44.796 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

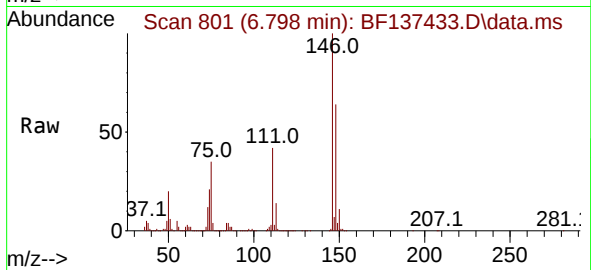
Tgt Ion:146 Resp: 456863
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
75 31.8 28.5 42.7





#13
1,4-Dichlorobenzene
Concen: 44.848 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

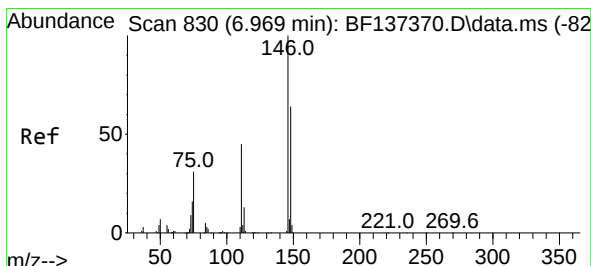
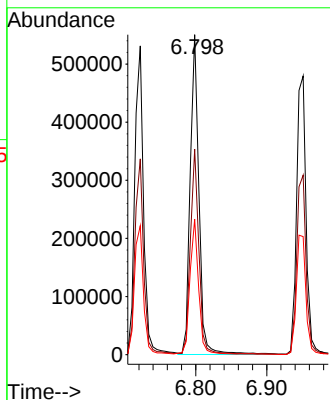
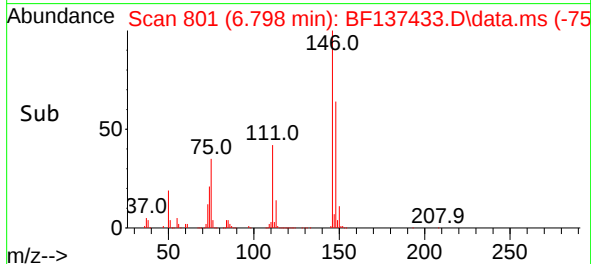
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:146 Resp: 47092
Ion Ratio Lower Upper
146 100
148 64.2 49.9 74.9
111 42.4 34.3 51.5

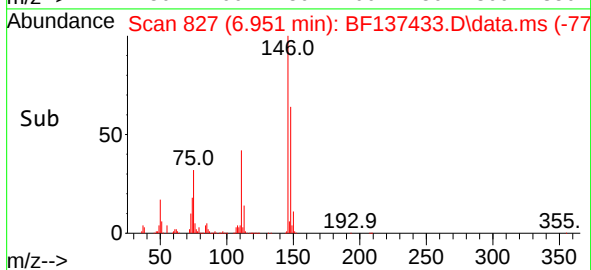
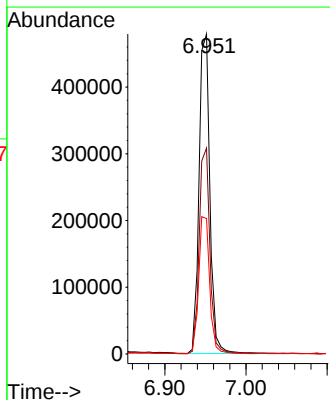
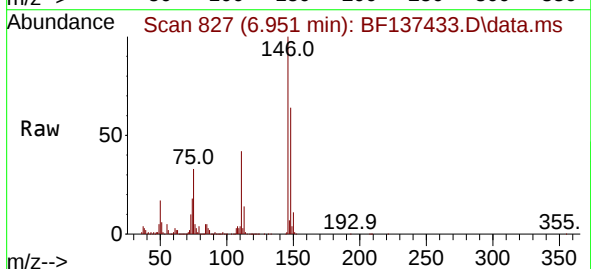
Manual Integrations
APPROVED

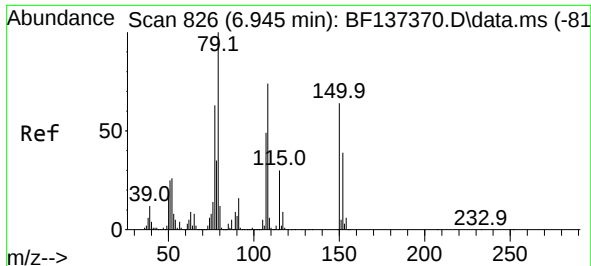
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#14
1,2-Dichlorobenzene
Concen: 45.746 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

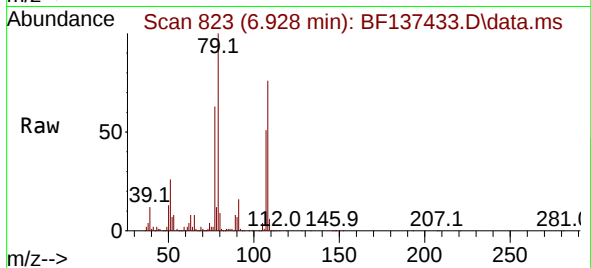
Tgt Ion:146 Resp: 444312
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
111 42.4 36.6 54.8





#15
Benzyl Alcohol
Concen: 52.483 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

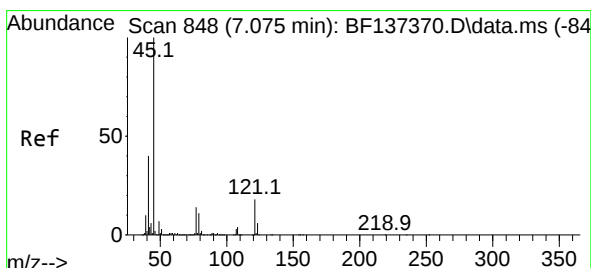
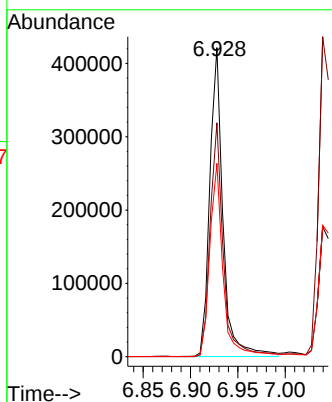
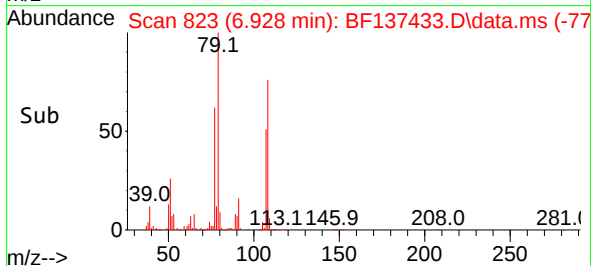
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 79 Resp: 407492
Ion Ratio Lower Upper
79 100
108 75.6 59.5 89.3
77 62.5 50.5 75.7

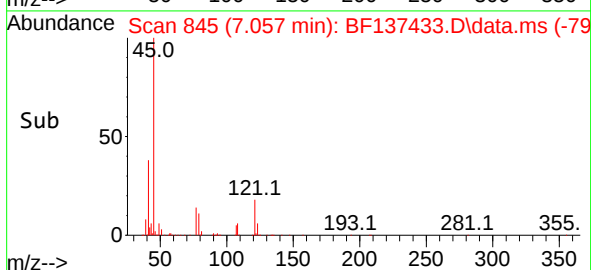
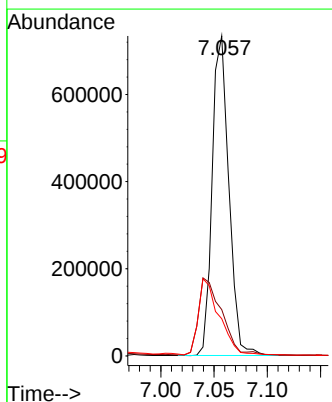
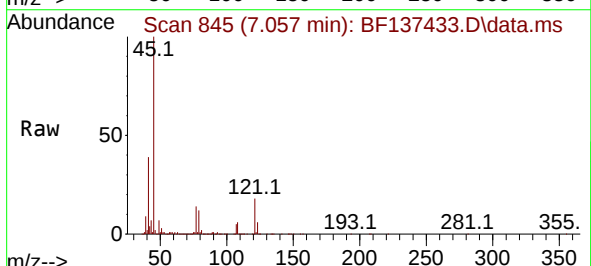
Manual Integrations
APPROVED

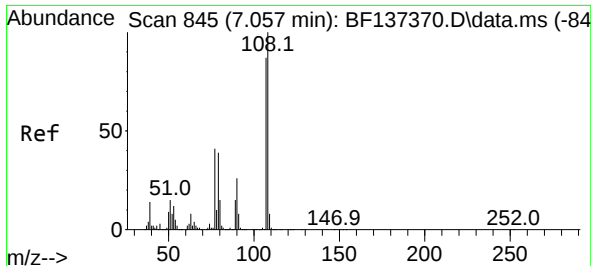
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.232 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

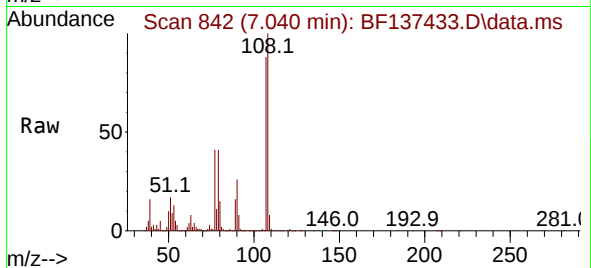
Tgt Ion: 45 Resp: 795986
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.6
79 11.7 0.0 31.6





#17
2-Methylphenol
Concen: 41.292 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

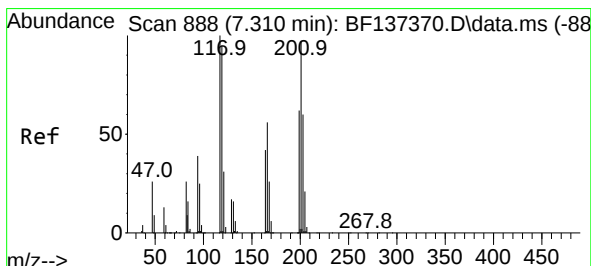
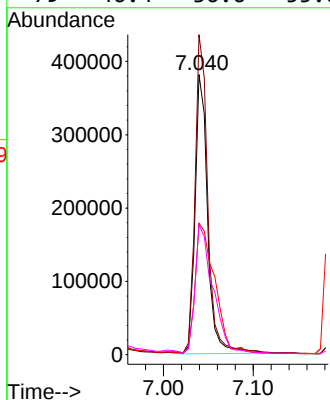
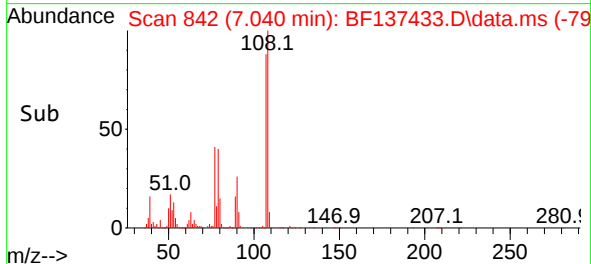
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:107 Resp: 371044
Ion Ratio Lower Upper
107 100
108 114.2 92.2 138.4
77 46.9 38.1 57.1
79 46.4 36.6 55.0

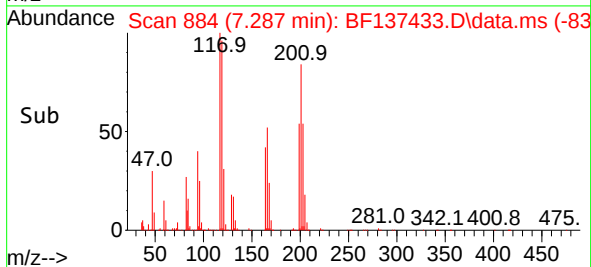
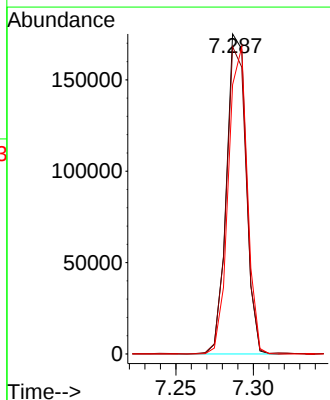
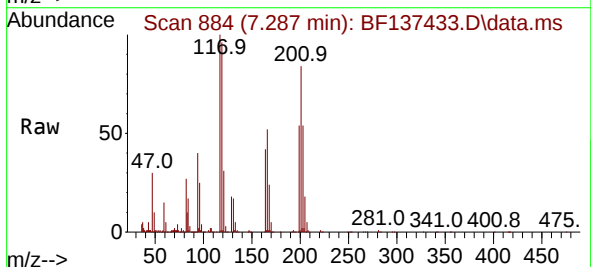
Manual Integrations
APPROVED

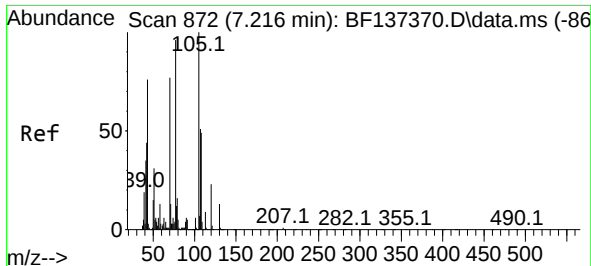
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#18
Hexachloroethane
Concen: 42.965 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.023 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

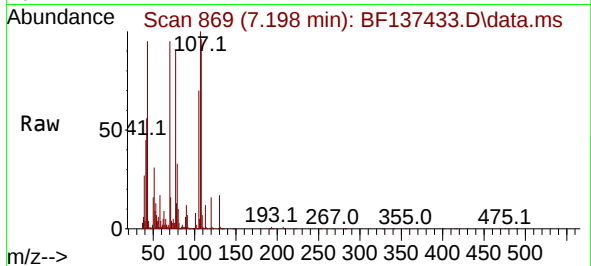
Tgt Ion:117 Resp: 155461
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.4
201 84.1 77.6 116.4





#19
n-Nitroso-di-n-propylamine
Concen: 45.010 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

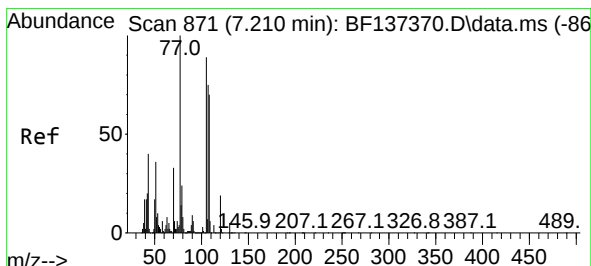
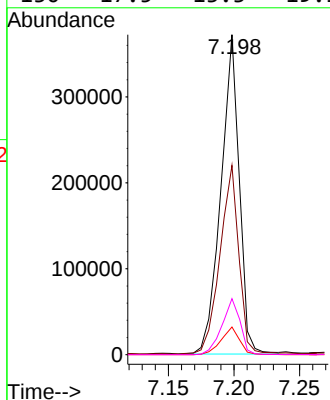
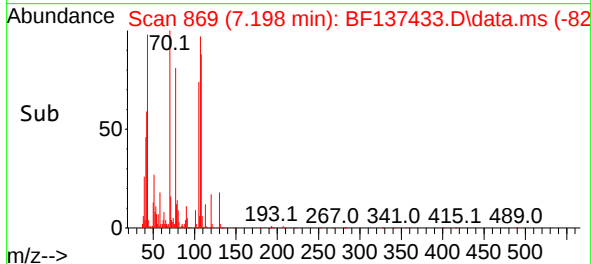
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 70 Resp: 36127
Ion Ratio Lower Upper
70 100
42 59.1 45.3 67.9
101 8.6 6.5 9.7
130 17.5 13.3 19.9

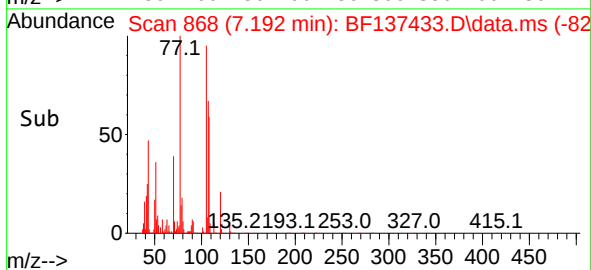
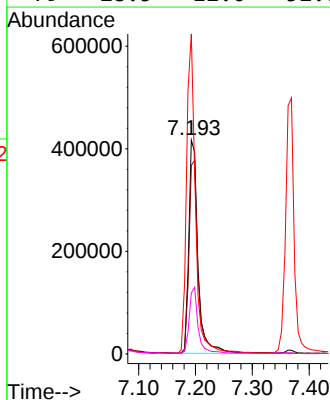
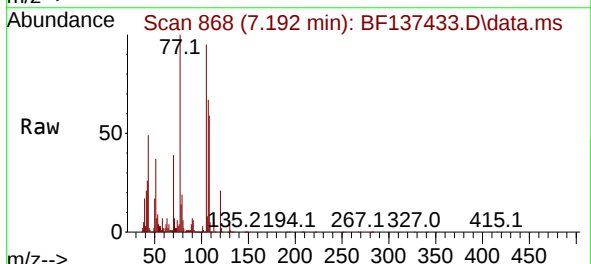
Manual Integrations
APPROVED

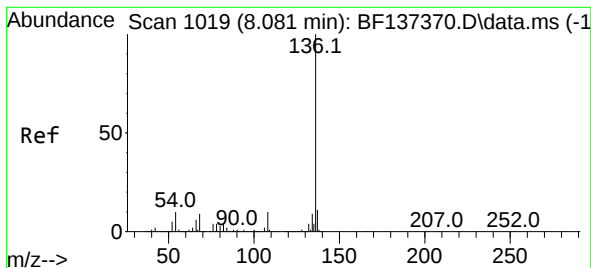
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#20
3+4-Methylphenols
Concen: 45.722 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

Tgt Ion:107 Resp: 468280
Ion Ratio Lower Upper
107 100
108 88.2 73.1 113.1
77 149.5 113.6 153.6
79 28.5 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.018 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:136 Resp: 566580

Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

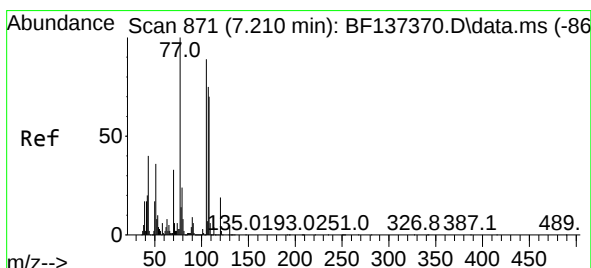
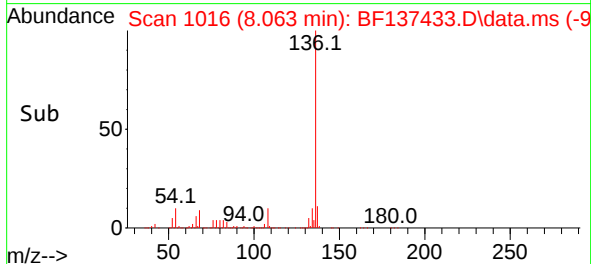
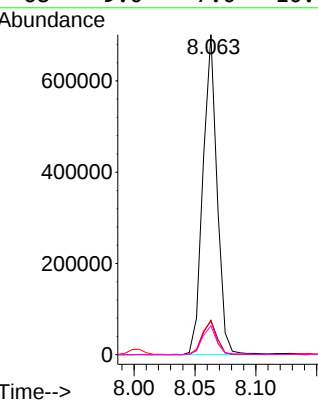
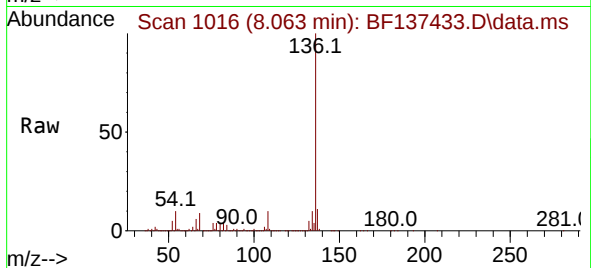
54 10.5 7.8 11.6

68 9.0 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#22

Acetophenone

Concen: 45.142 ng

RT: 7.192 min Scan# 868

Delta R.T. -0.018 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

Tgt Ion:105 Resp: 620210

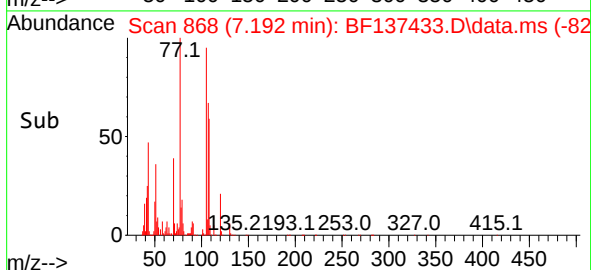
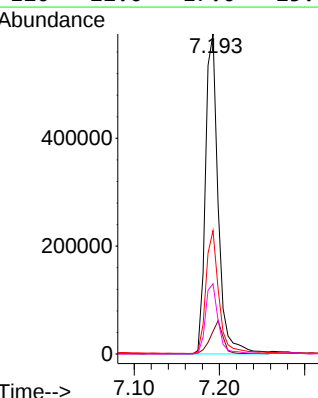
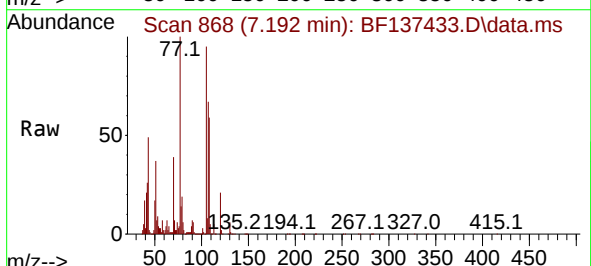
Ion Ratio Lower Upper

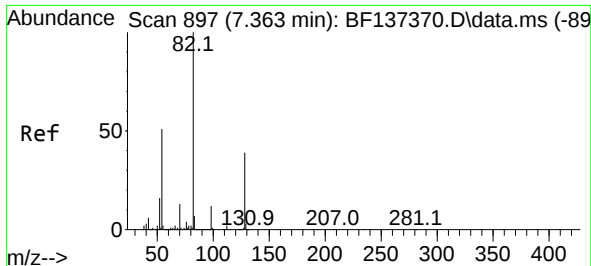
105 100

71 7.1 5.0 7.6

51 38.6 32.2 48.4

120 22.0 17.0 25.4





#23

Nitrobenzene-d5

Concen: 78.732 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

Instrument :

BNA_F

ClientSampleId :

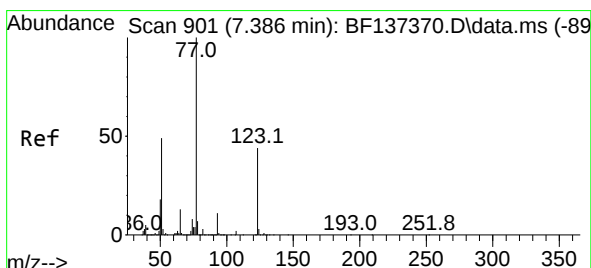
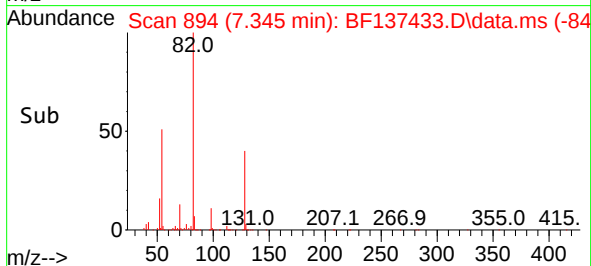
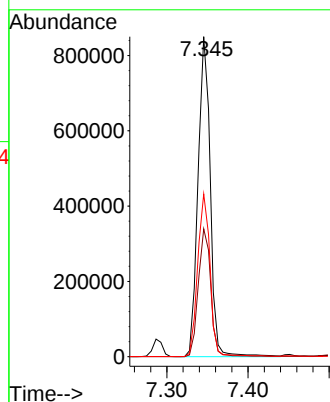
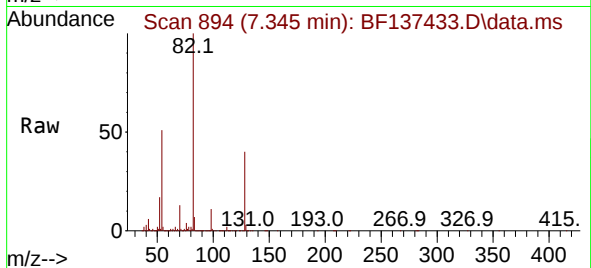
20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion: 82 Resp: 893509
 Ion Ratio Lower Upper
 82 100
 128 39.9 30.8 46.2
 54 50.9 40.8 61.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024



#24

Nitrobenzene

Concen: 45.797 ng

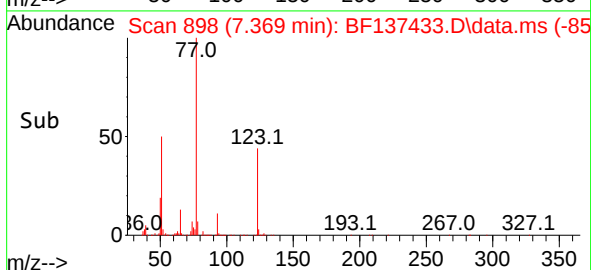
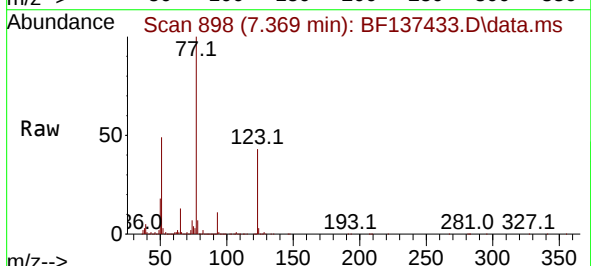
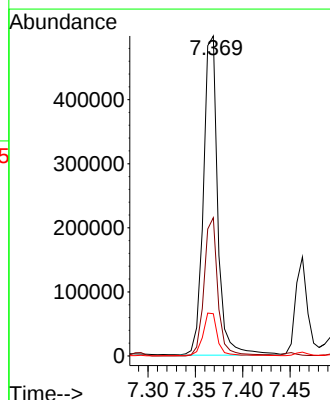
RT: 7.369 min Scan# 898

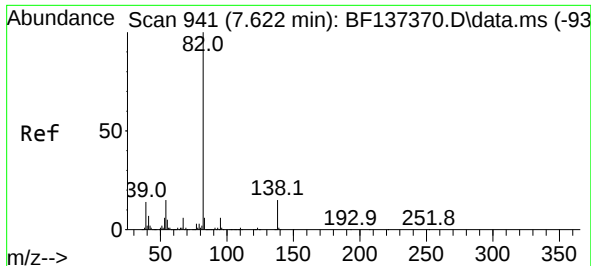
Delta R.T. -0.018 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

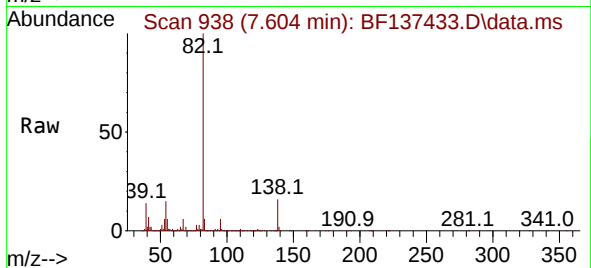
Tgt Ion: 77 Resp: 528111
 Ion Ratio Lower Upper
 77 100
 123 43.2 35.4 53.0
 65 13.2 10.3 15.5





#25
Isophorone
Concen: 43.874 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

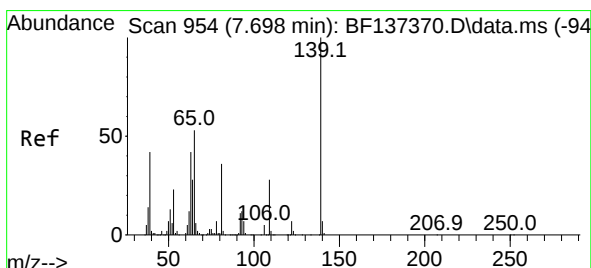
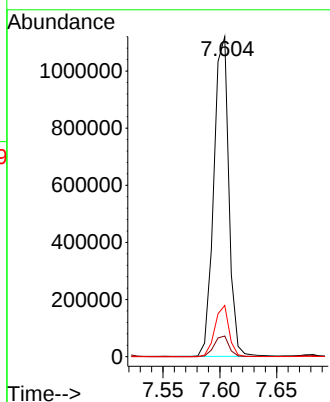
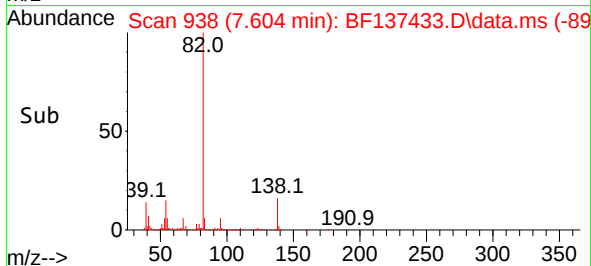
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 82 Resp: 1029679
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 16.0 12.2 18.4

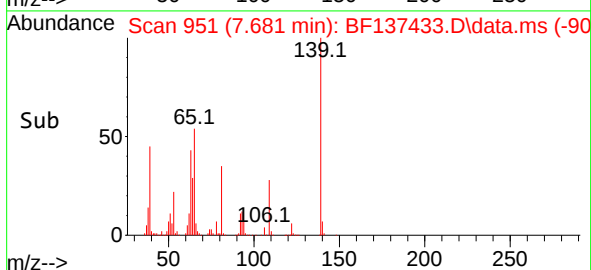
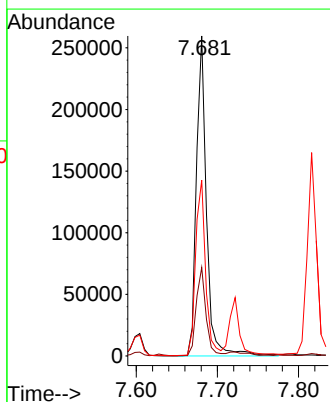
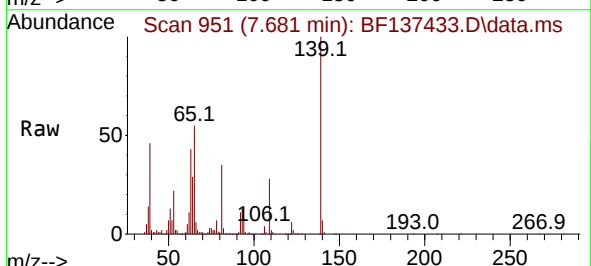
Manual Integrations
APPROVED

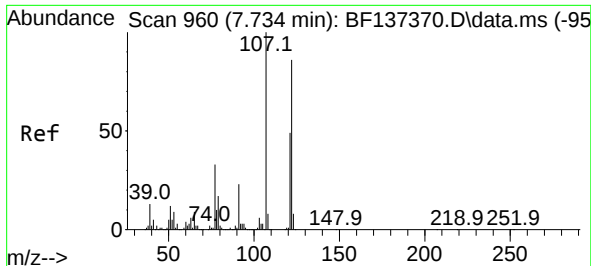
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#26
2-Nitrophenol
Concen: 51.228 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.017 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

Tgt Ion:139 Resp: 226649
Ion Ratio Lower Upper
139 100
109 27.6 22.5 33.7
65 55.0 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 40.392 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137433.D

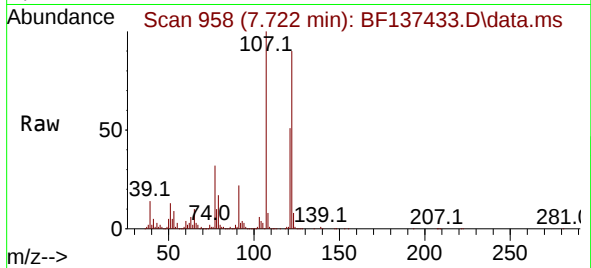
Acq: 28 Feb 2024 20:19

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

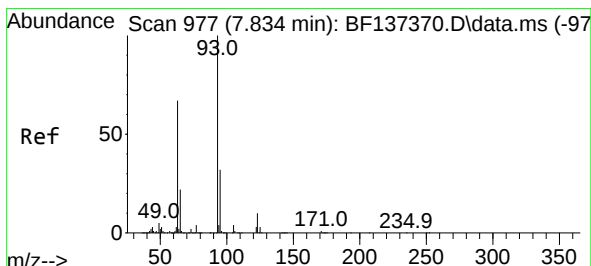
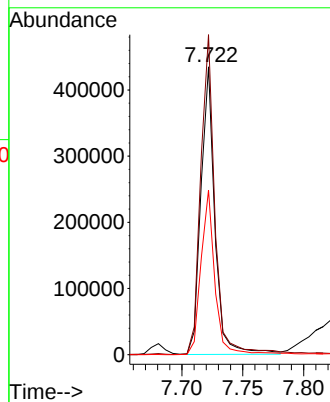
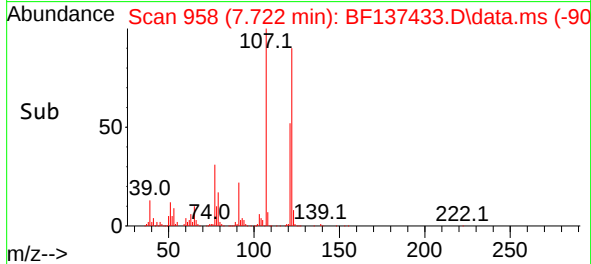


Tgt Ion:	122	Resp:	348630
Ion	Ratio	Lower	Upper
122	100		
107	111.2	92.7	139.1
121	57.2	45.2	67.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#28

bis(2-Chloroethoxy)methane

Concen: 44.824 ng

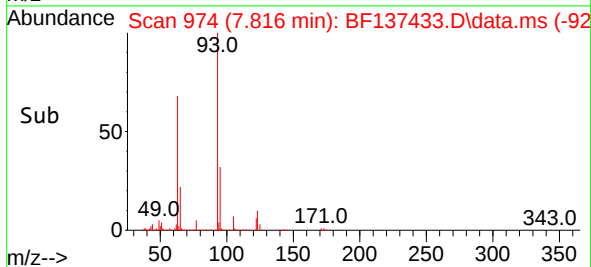
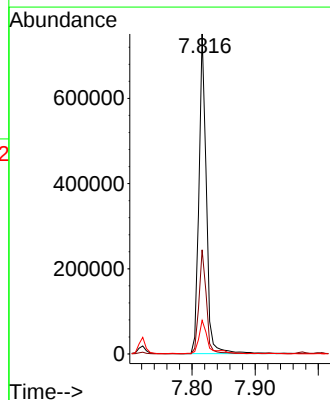
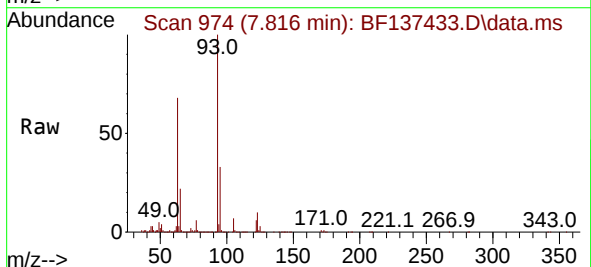
RT: 7.816 min Scan# 974

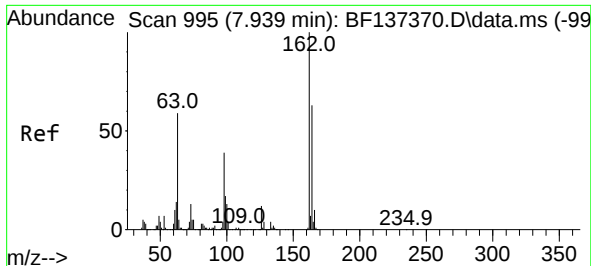
Delta R.T. -0.018 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

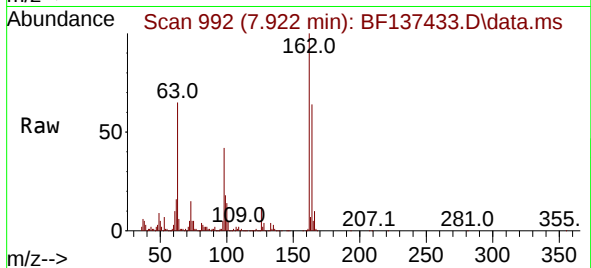
Tgt Ion:	93	Resp:	606356
Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.9	38.9
123	10.5	8.2	12.4





#29
2,4-Dichlorophenol
Concen: 48.020 ng
RT: 7.922 min Scan# 995
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

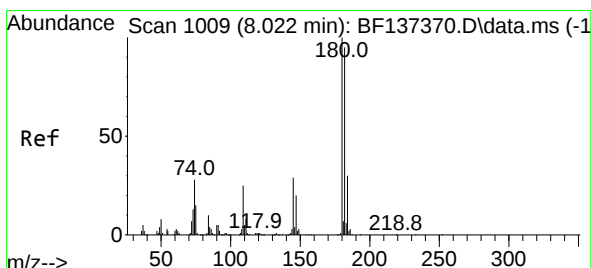
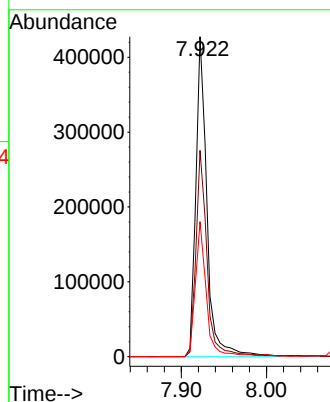
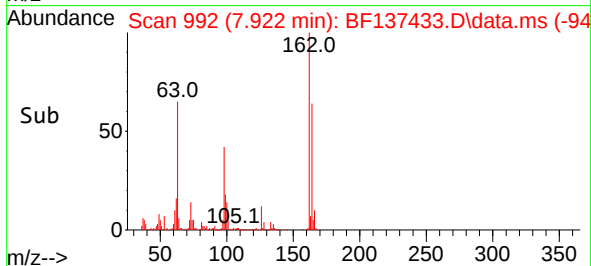
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:162 Resp: 388468
Ion Ratio Lower Upper
162 100
164 64.5 43.1 83.1
98 42.2 19.0 59.0

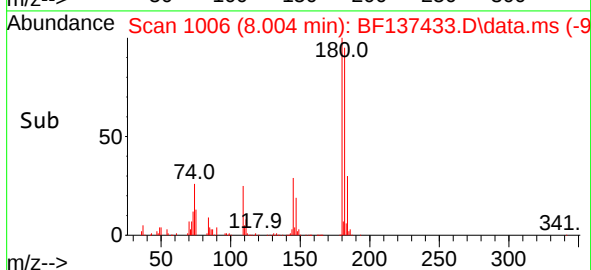
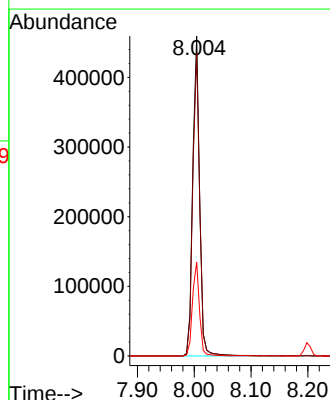
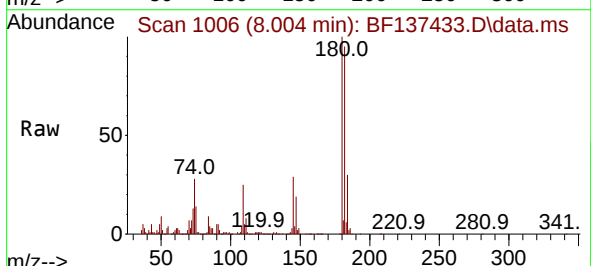
Manual Integrations
APPROVED

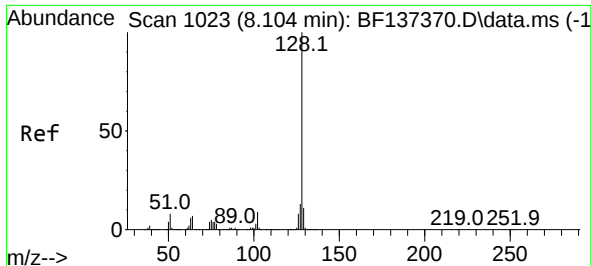
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#30
1,2,4-Trichlorobenzene
Concen: 44.390 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

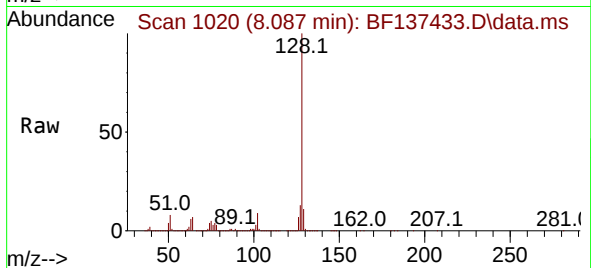
Tgt Ion:180 Resp: 385446
Ion Ratio Lower Upper
180 100
182 94.6 75.8 113.6
145 29.3 23.4 35.0





#31
Naphthalene
Concen: 43.420 ng
RT: 8.087 min Scan# 1023
Delta R.T. -0.017 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

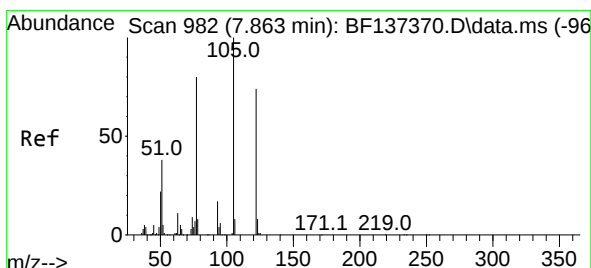
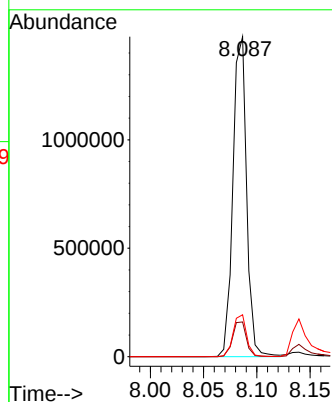
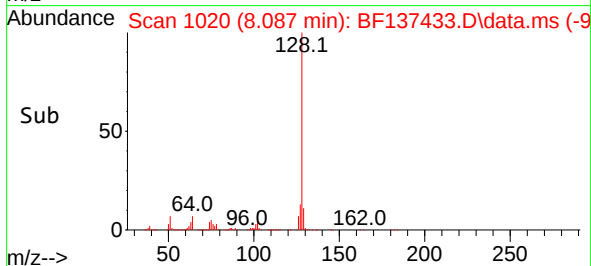
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:128 Resp: 132020
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.1 10.6 16.0

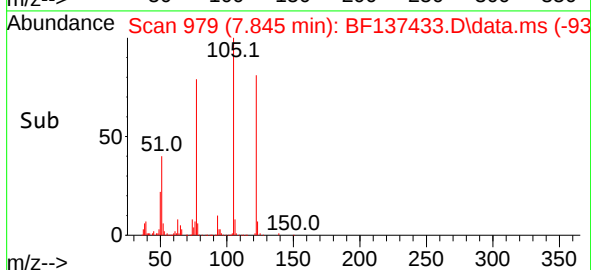
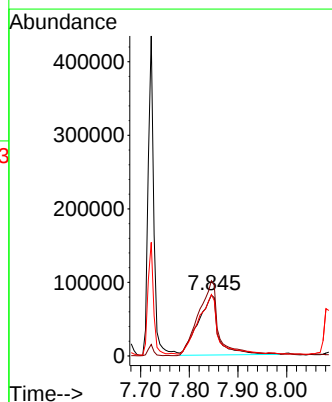
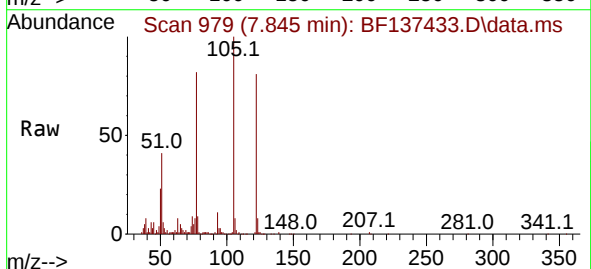
Manual Integrations
APPROVED

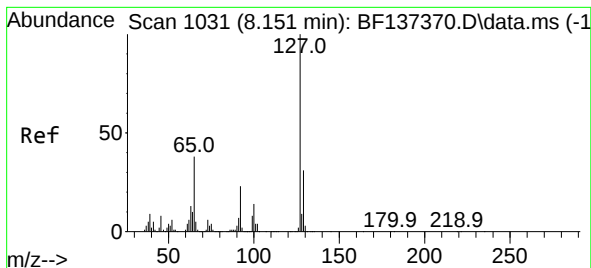
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#32
Benzoic acid
Concen: 45.506 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

Tgt Ion:122 Resp: 238113
Ion Ratio Lower Upper
122 100
105 123.7 101.1 141.1
77 101.0 82.8 122.8





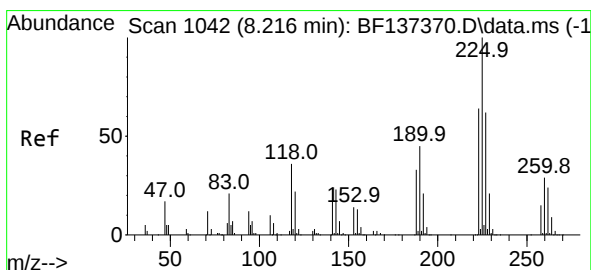
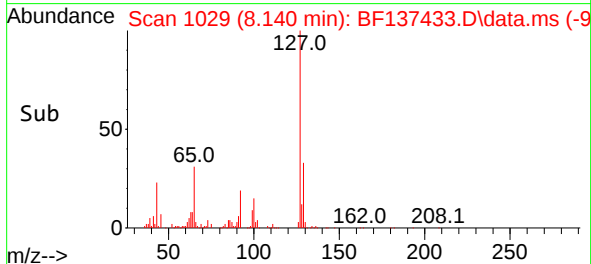
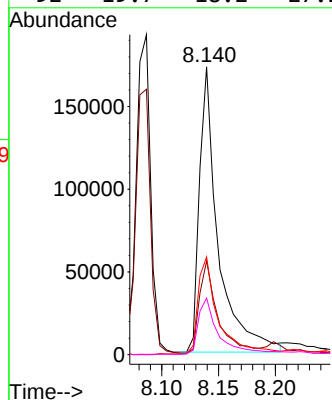
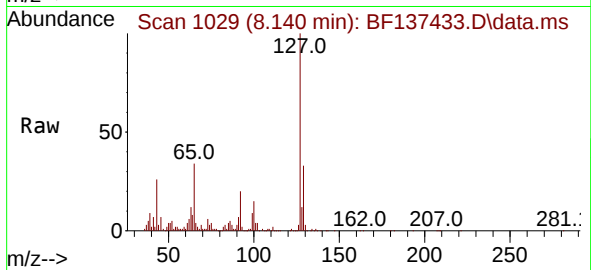
#33
4-Chloroaniline
Concen: 17.204 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.011 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.0	37.6
65	34.0	30.4	45.6
92	19.7	18.2	27.2

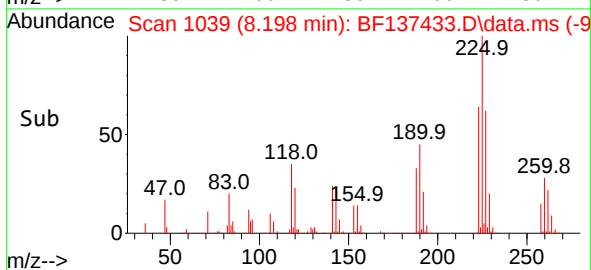
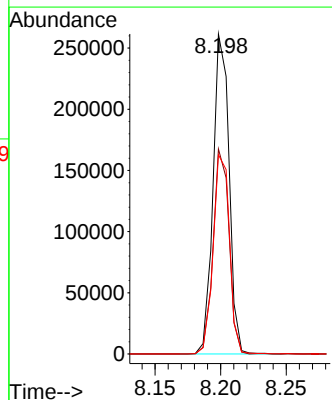
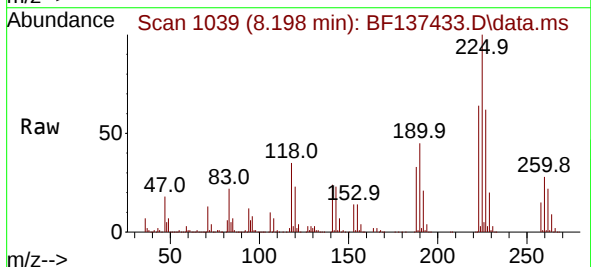
Manual Integrations
APPROVED

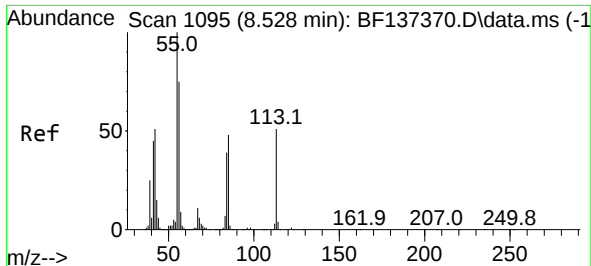
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#34
Hexachlorobutadiene
Concen: 42.953 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

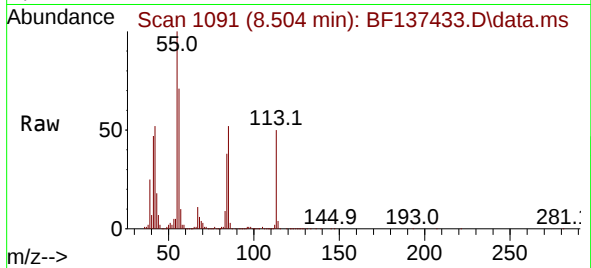
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.4	77.0
227	62.3	49.8	74.6





#35
Caprolactam
Concen: 60.881 ng/ml
RT: 8.504 min Scan# 1095
Delta R.T. -0.023 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

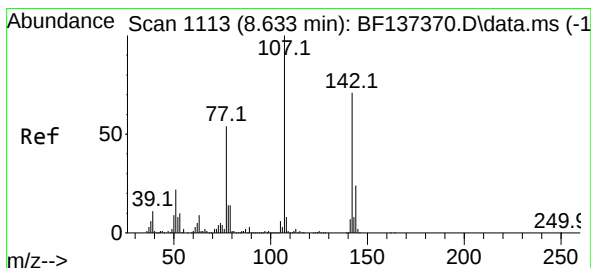
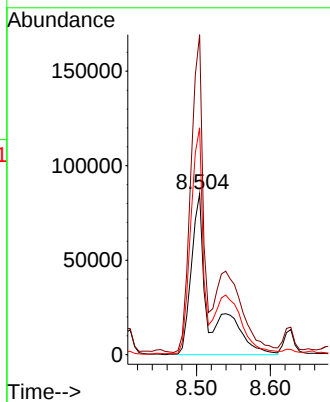
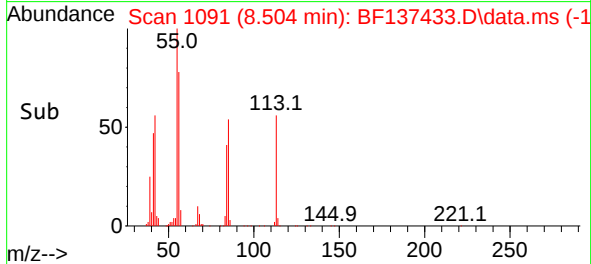
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:113 Resp: 152308
Ion Ratio Lower Upper
113 100
55 198.9 176.3 216.3
56 141.0 127.6 167.6

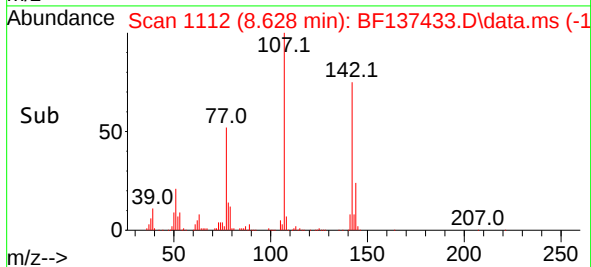
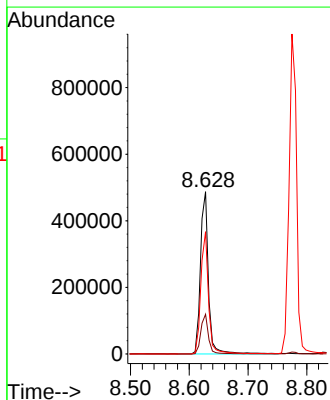
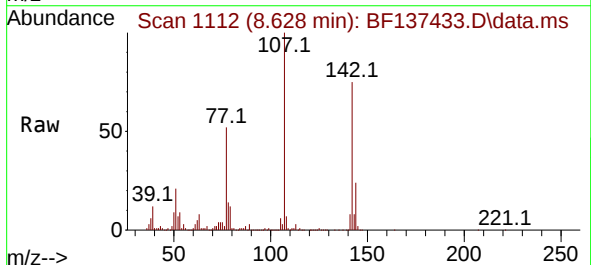
Manual Integrations
APPROVED

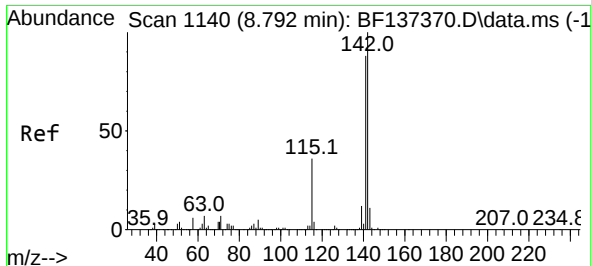
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#36
4-Chloro-3-methylphenol
Concen: 49.637 ng/ml
RT: 8.628 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

Tgt Ion:107 Resp: 455232
Ion Ratio Lower Upper
107 100
144 24.5 18.9 28.3
142 75.4 56.6 85.0





#37

2-Methylnaphthalene

Concen: 43.767 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.018 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:142 Resp: 857508

Ion Ratio Lower Upper

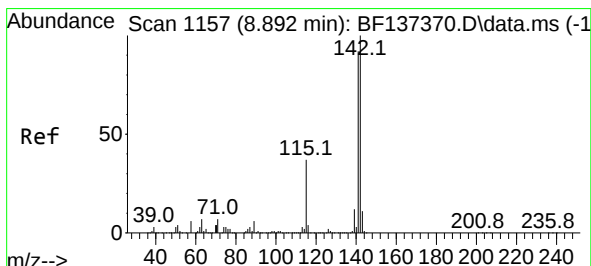
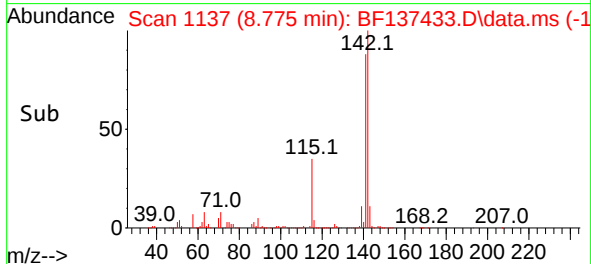
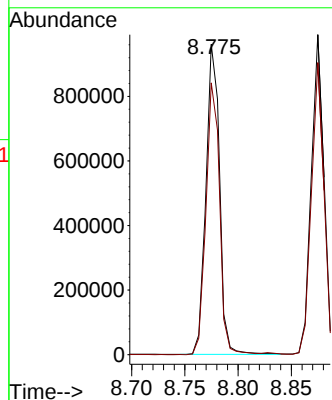
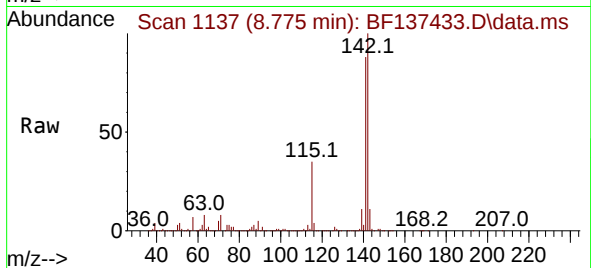
142 100

141 87.6 70.3 105.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#38

1-Methylnaphthalene

Concen: 43.993 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.018 min

Lab File: BF137433.D

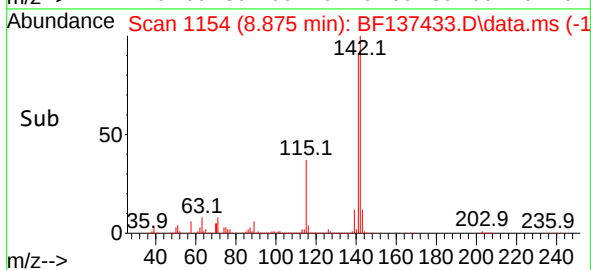
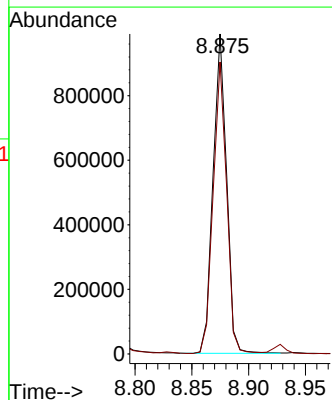
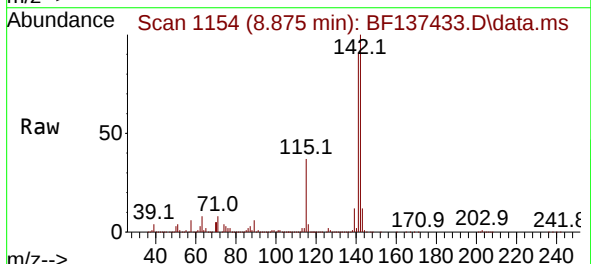
Acq: 28 Feb 2024 20:19

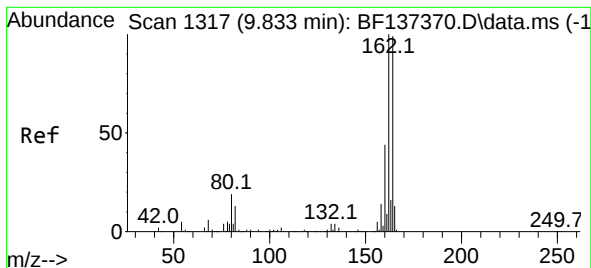
Tgt Ion:142 Resp: 814920

Ion Ratio Lower Upper

142 100

141 91.3 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF137433.D

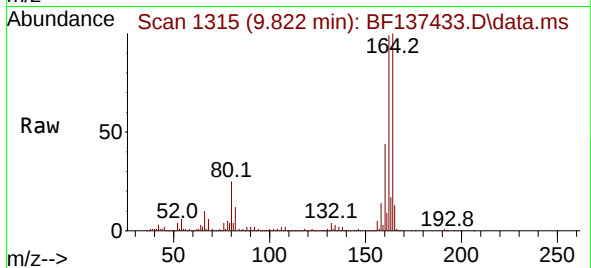
Acq: 28 Feb 2024 20:19

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

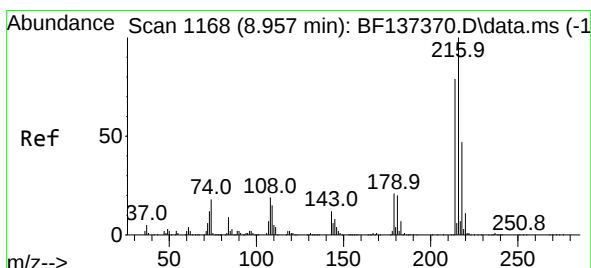
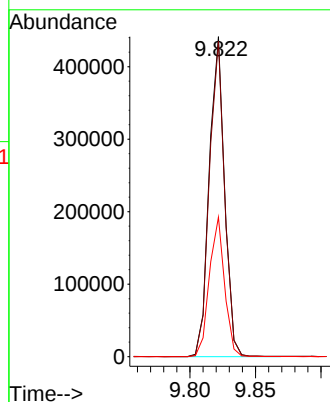
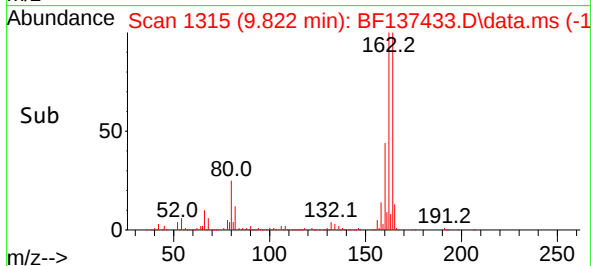


Tgt Ion:	164	Resp:	35901
Ion Ratio	Lower	Upper	
164	100		
162	98.6	81.2	121.8
160	43.6	35.7	53.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.399 ng

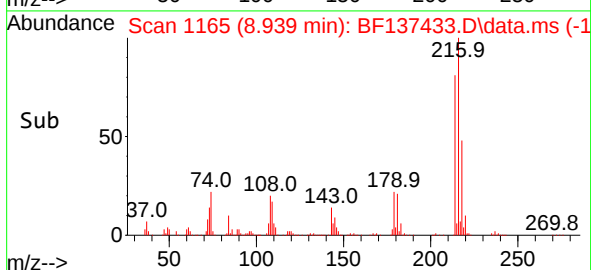
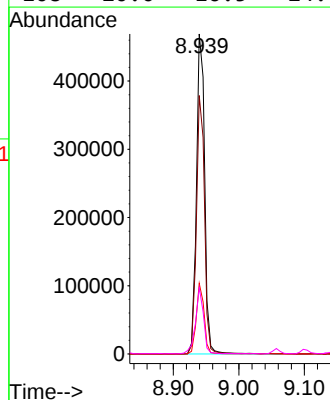
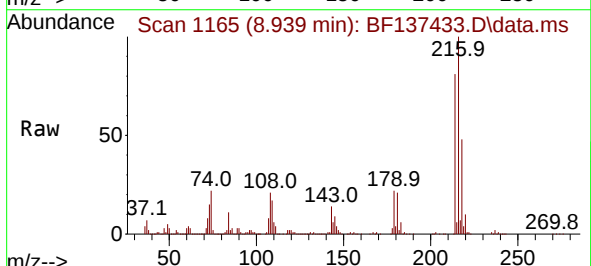
RT: 8.939 min Scan# 1165

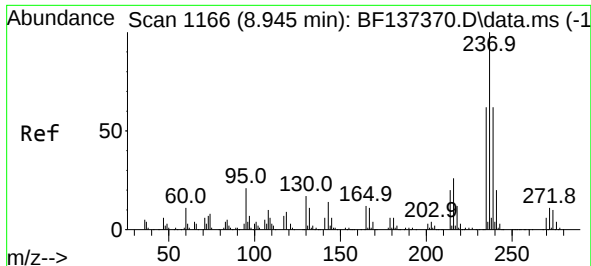
Delta R.T. -0.018 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

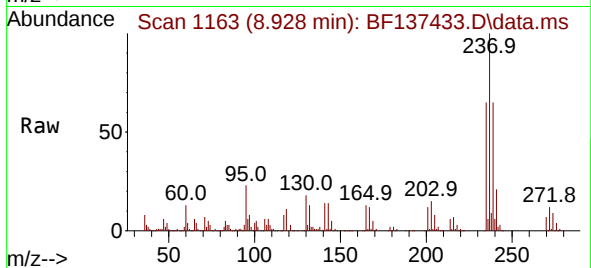
Tgt Ion:	216	Resp:	409365
Ion Ratio	Lower	Upper	
216	100		
214	79.5	62.3	93.5
179	21.0	16.5	24.7
108	20.0	16.5	24.7





#41
Hexachlorocyclopentadiene
Concen: 35.103 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.017 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

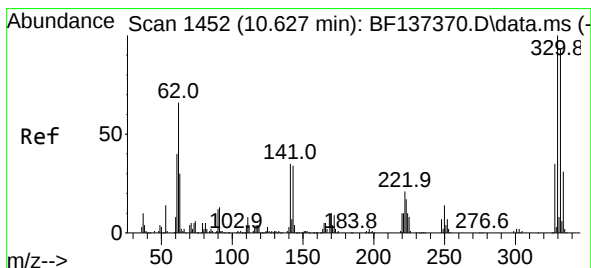
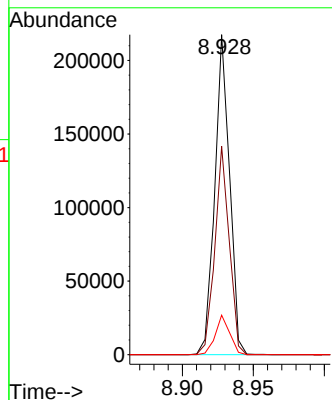
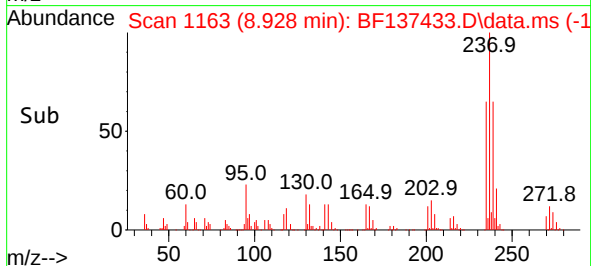
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 237 Resp: 15737
Ion Ratio Lower Upper
237 100
235 65.1 42.0 82.0
272 12.4 0.0 31.3

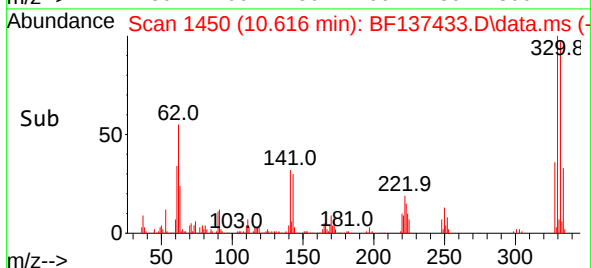
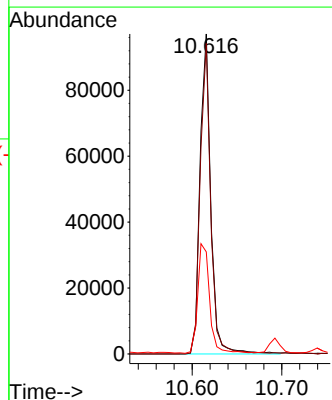
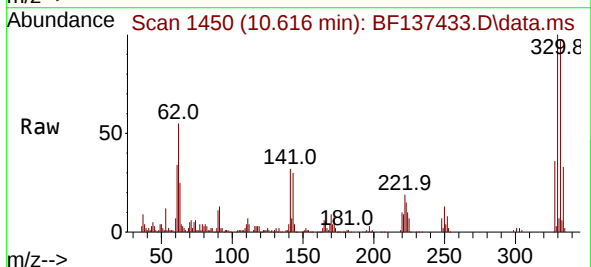
Manual Integrations
APPROVED

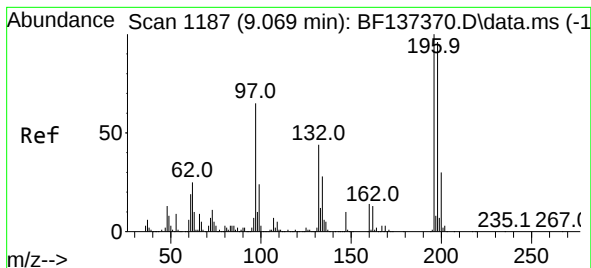
Reviewed By : Jagrut Upadhyay 02/29/2024
Supervised By : mohammad ahmed 03/01/2024



#42
2,4,6-Tribromophenol
Concen: 25.845 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

Tgt Ion: 330 Resp: 80801
Ion Ratio Lower Upper
330 100
332 95.2 75.6 113.4
141 37.6 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 45.405 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF137433.D

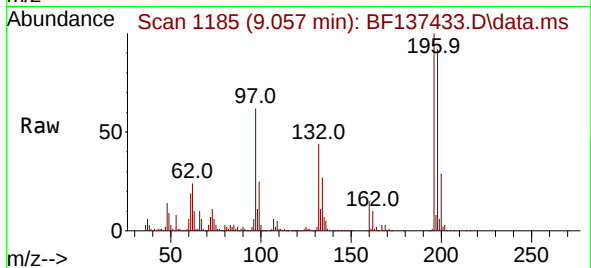
Acq: 28 Feb 2024 20:19

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:196 Resp: 291105

Ion Ratio Lower Upper

196 100

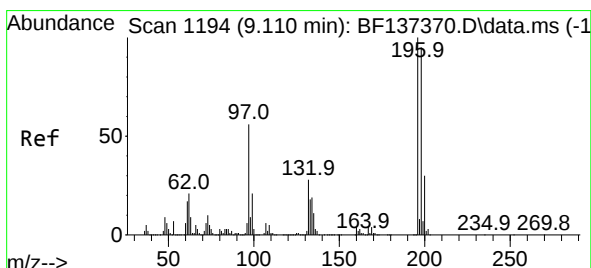
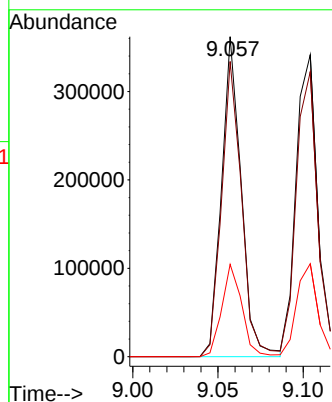
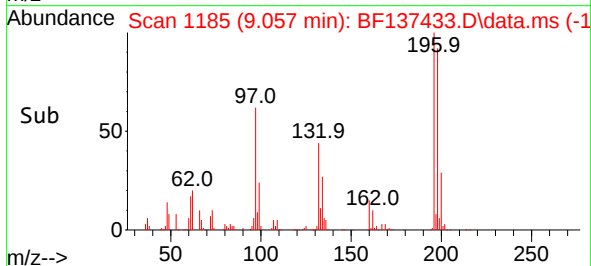
198 92.2 77.0 115.4

200 28.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#44

2,4,5-Trichlorophenol

Concen: 42.757 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

Tgt Ion:196 Resp: 314501

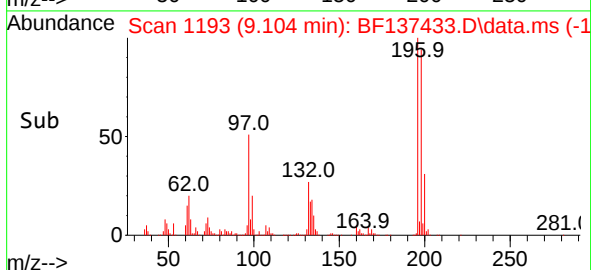
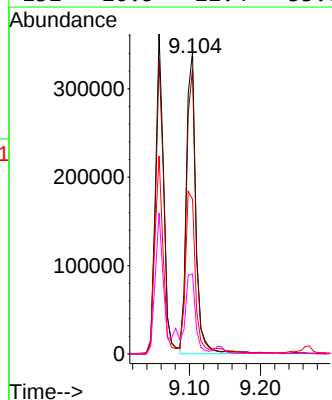
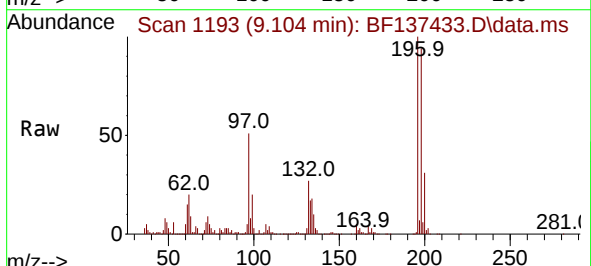
Ion Ratio Lower Upper

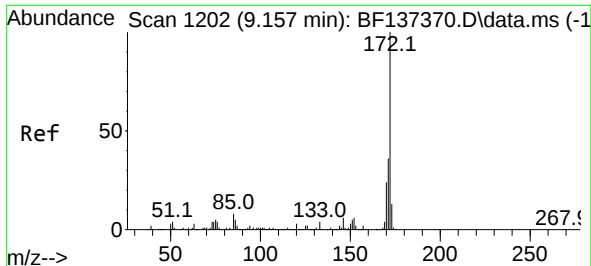
196 100

198 94.4 75.6 113.4

97 51.2 44.6 66.8

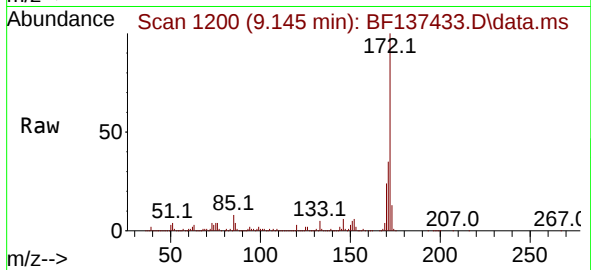
132 26.5 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 65.284 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

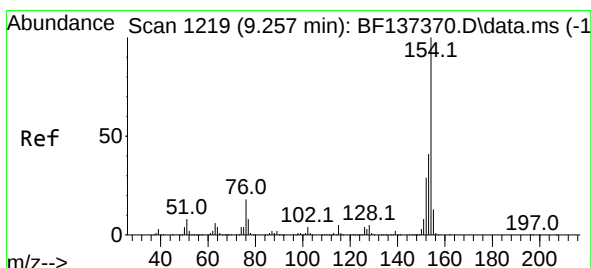
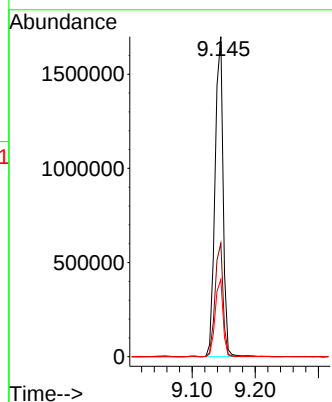
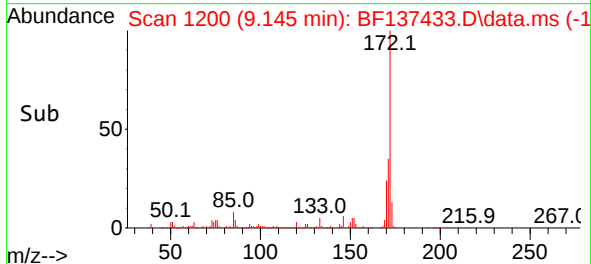
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:172 Resp: 150549
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 24.1 19.5 29.3

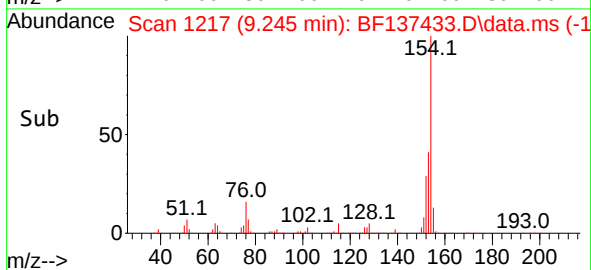
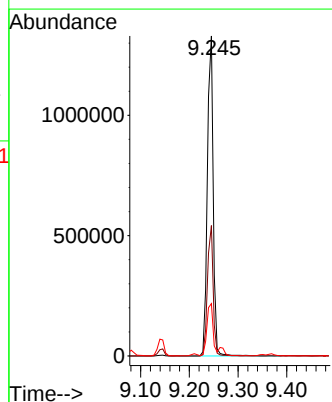
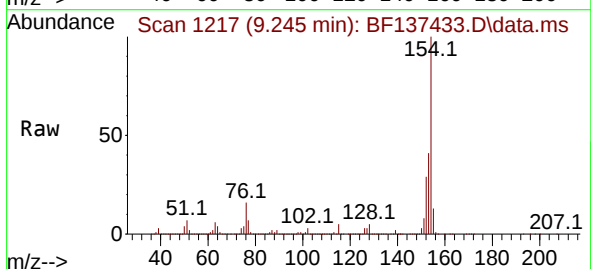
Manual Integrations
APPROVED

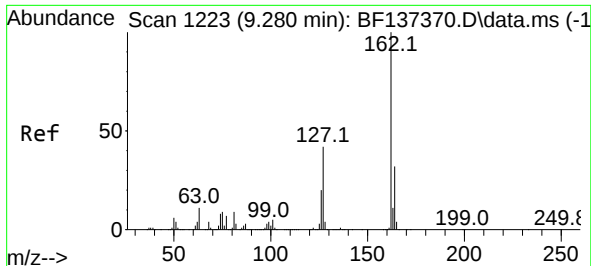
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#46
1,1'-Biphenyl
Concen: 42.165 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

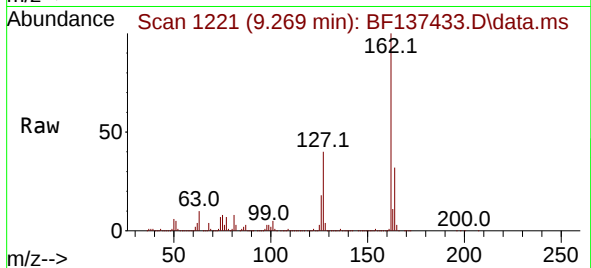
Tgt Ion:154 Resp: 1102546
Ion Ratio Lower Upper
154 100
153 40.8 21.2 61.2
76 16.3 0.0 37.9





#47
2-Chloronaphthalene
Concen: 43.345 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

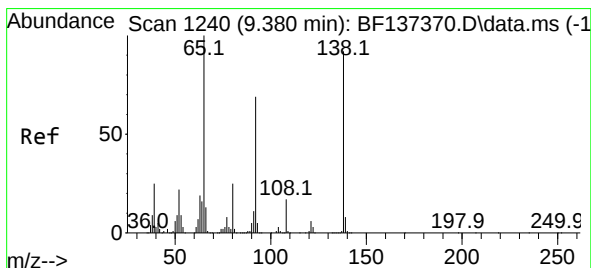
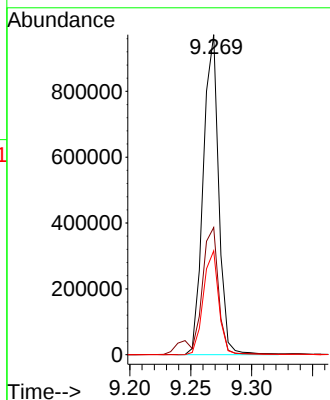
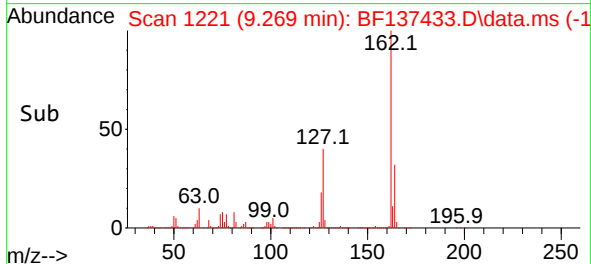
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:162 Resp: 855944
Ion Ratio Lower Upper
162 100
127 39.8 33.6 50.4
164 32.5 25.9 38.9

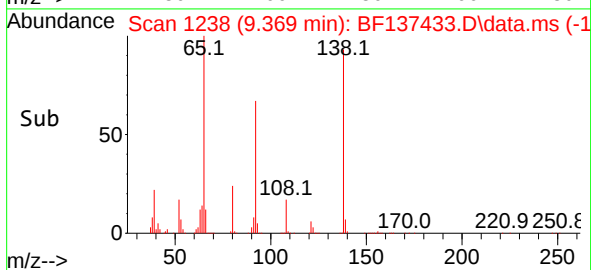
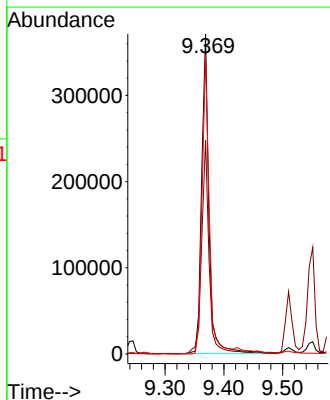
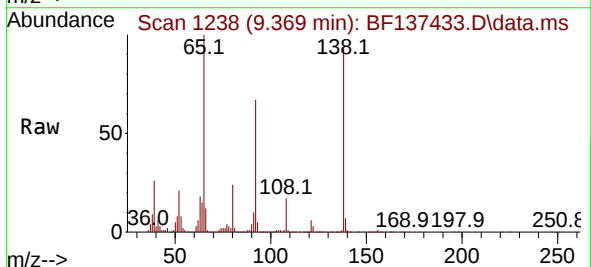
Manual Integrations
APPROVED

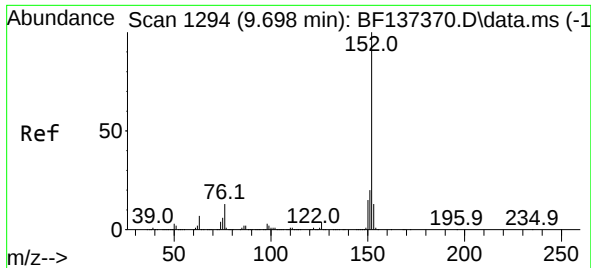
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#48
2-Nitroaniline
Concen: 53.493 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

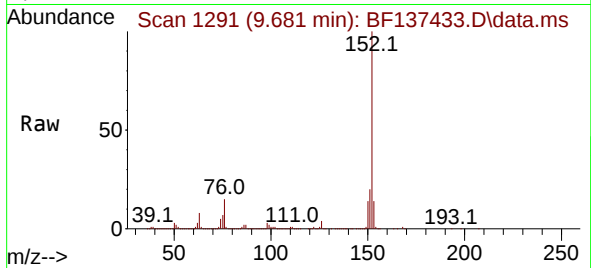
Tgt Ion: 65 Resp: 324023
Ion Ratio Lower Upper
65 100
92 66.8 55.0 82.6
138 93.5 73.7 110.5





#49
Acenaphthylene
Concen: 44.167 ng
RT: 9.681 min Scan# 1294
Delta R.T. -0.018 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

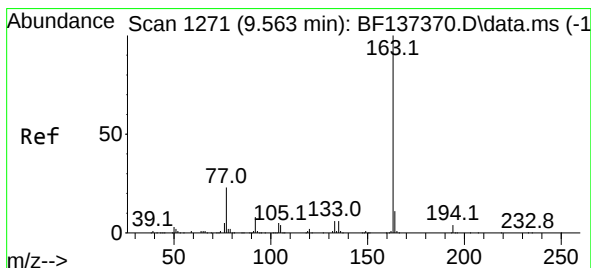
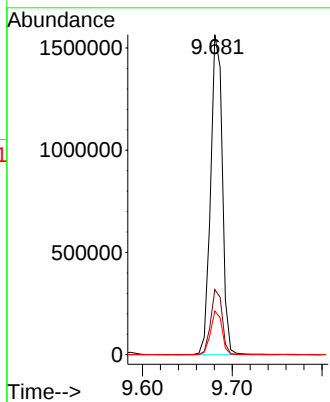
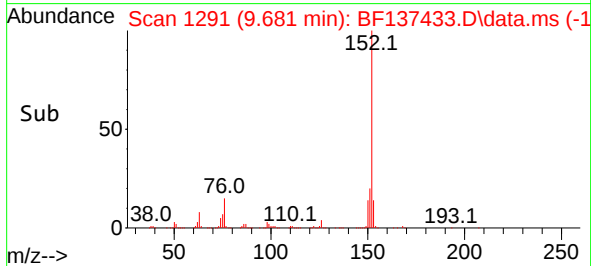
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:152 Resp: 141704
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.7 10.6 15.8

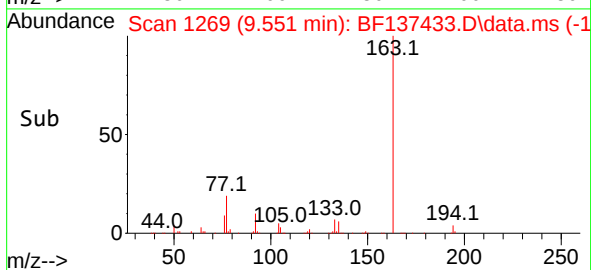
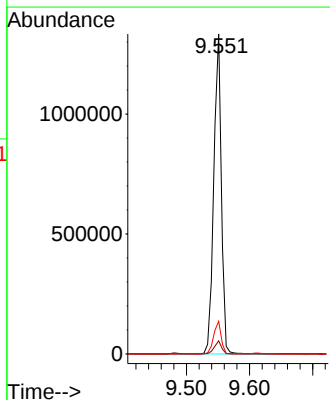
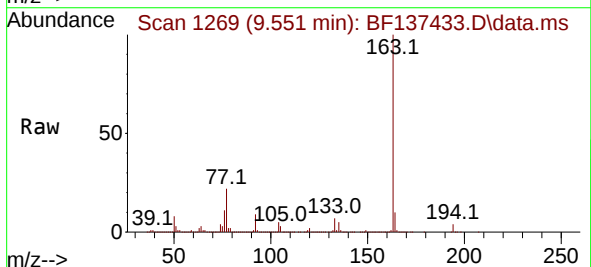
Manual Integrations
APPROVED

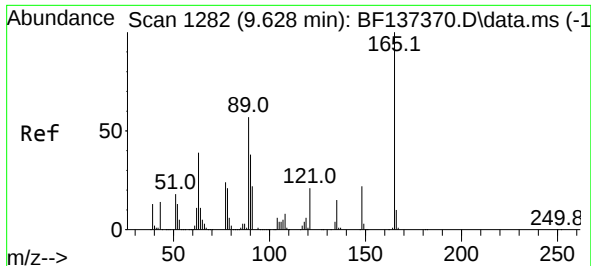
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#50
Dimethylphthalate
Concen: 44.690 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

Tgt Ion:163 Resp: 1108653
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.2 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 51.470 ng

RT: 9.610 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:165 Resp: 23754

Ion Ratio Lower Upper

165 100

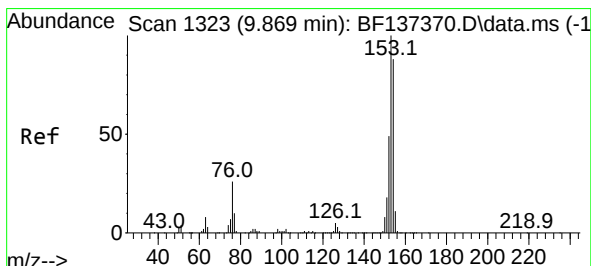
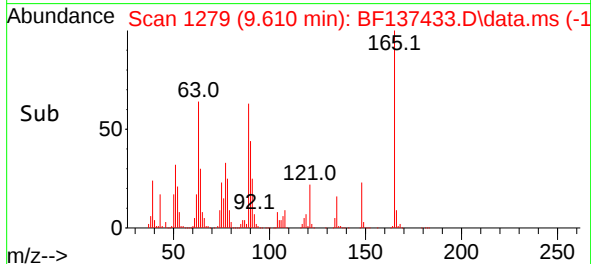
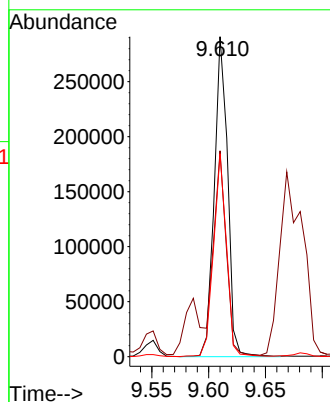
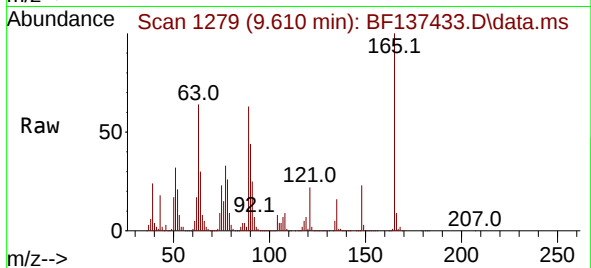
63 64.4 41.6 62.4

89 63.5 45.8 68.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#52

Acenaphthene

Concen: 42.130 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.012 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

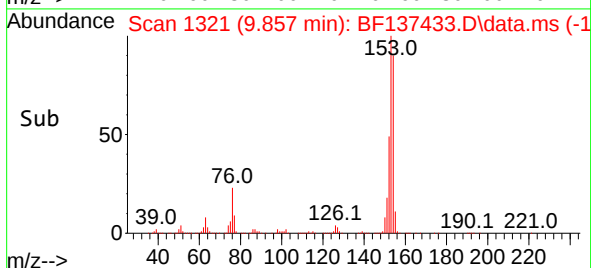
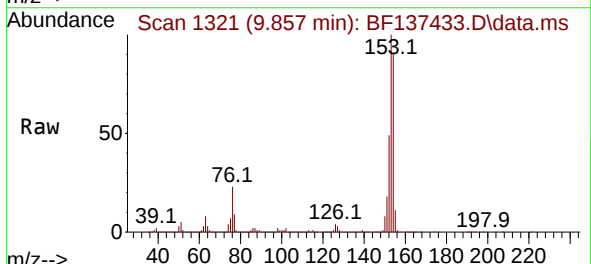
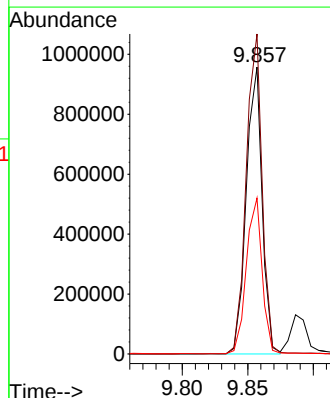
Tgt Ion:154 Resp: 806860

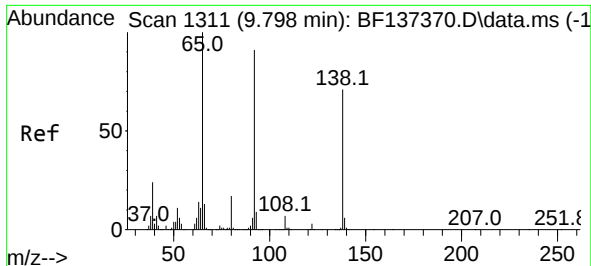
Ion Ratio Lower Upper

154 100

153 111.5 90.6 135.8

152 54.3 44.1 66.1





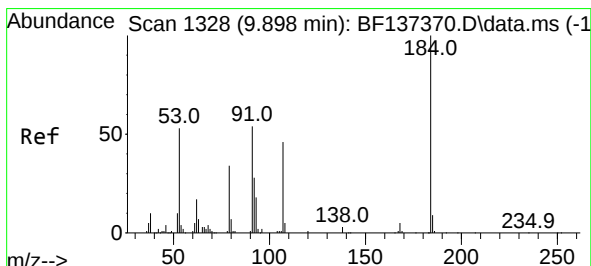
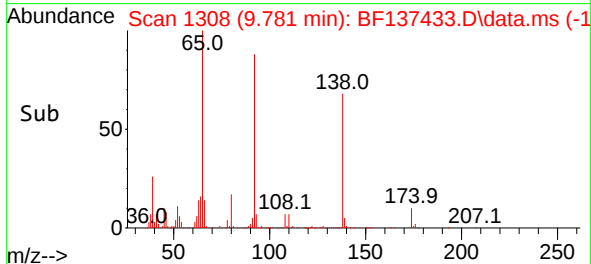
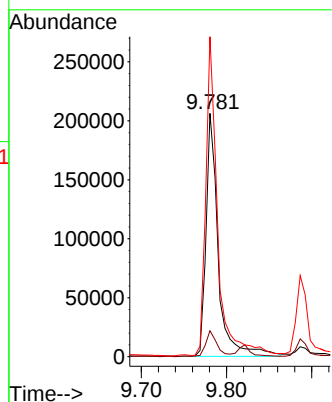
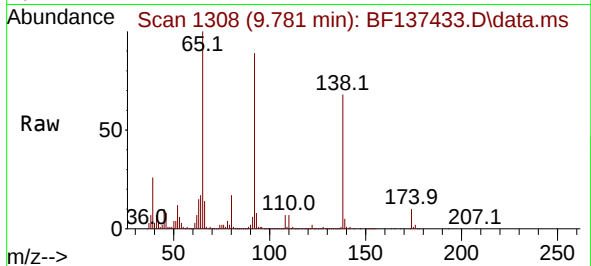
#53
3-Nitroaniline
Concen: 39.415 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.017 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:138 Resp: 20551
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.2
92 131.5 102.2 153.2

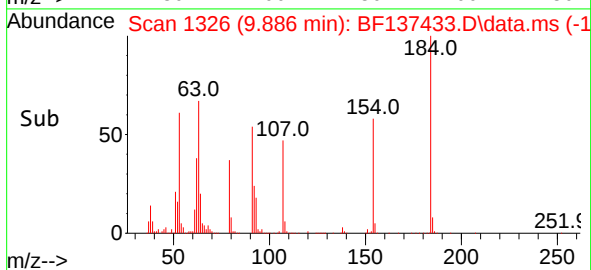
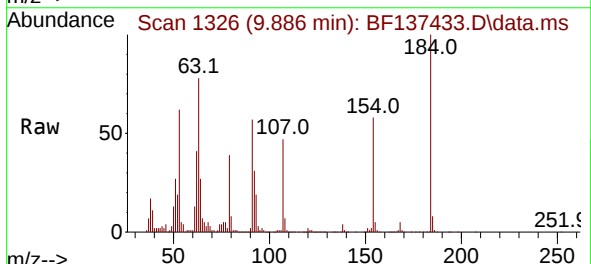
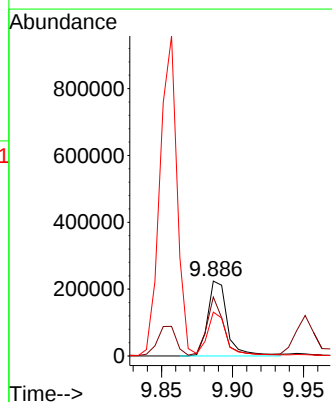
Manual Integrations
APPROVED

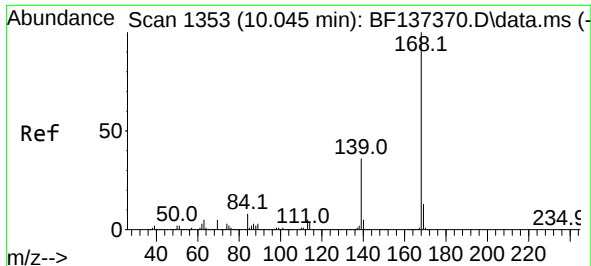
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#54
2,4-Dinitrophenol
Concen: 93.423 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

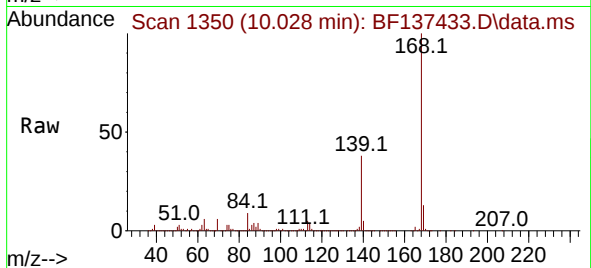
Tgt Ion:184 Resp: 216453
Ion Ratio Lower Upper
184 100
63 78.5 55.9 83.9
154 58.4 47.6 71.4





#55
Dibenzenofuran
Concen: 43.030 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

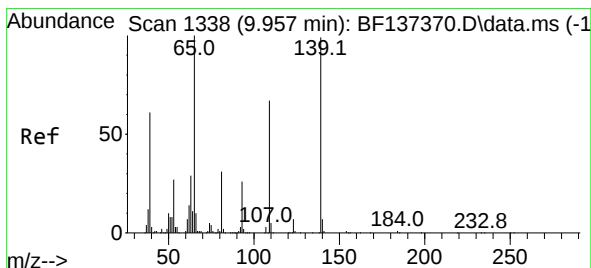
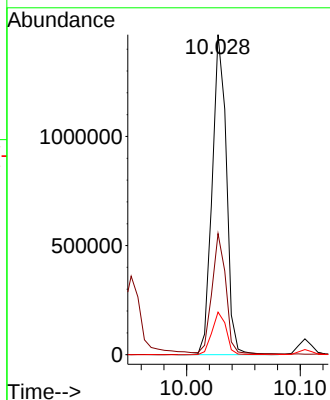
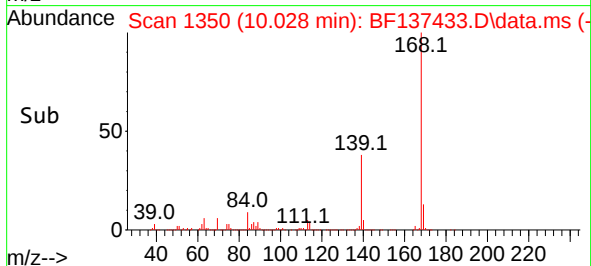
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:168 Resp: 1273700
Ion Ratio Lower Upper
168 100
139 37.8 28.9 43.3
169 13.3 10.8 16.2

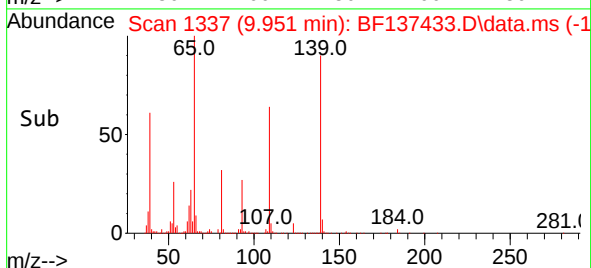
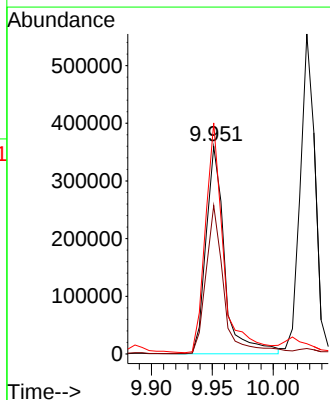
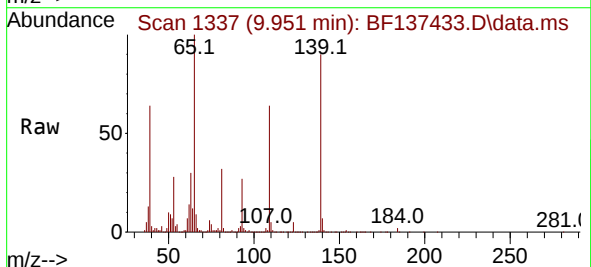
Manual Integrations
APPROVED

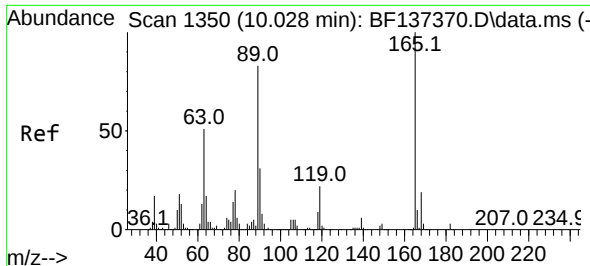
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#56
4-Nitrophenol
Concen: 96.756 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

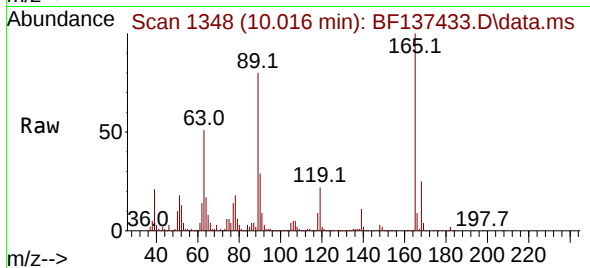
Tgt Ion:139 Resp: 382452
Ion Ratio Lower Upper
139 100
109 71.5 48.0 88.0
65 111.3 82.2 122.2





#57
2,4-Dinitrotoluene
Concen: 54.403 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

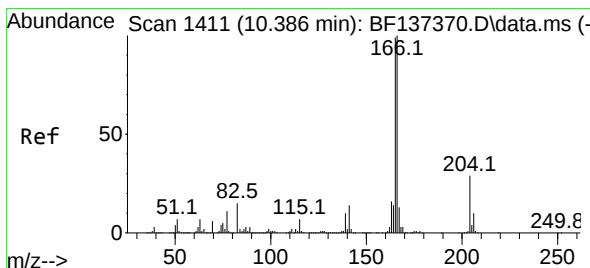
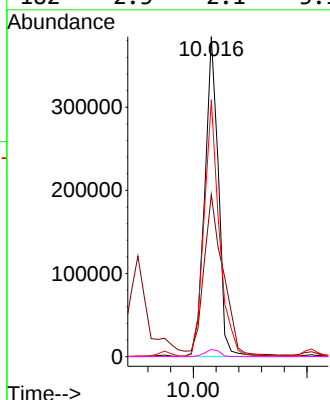
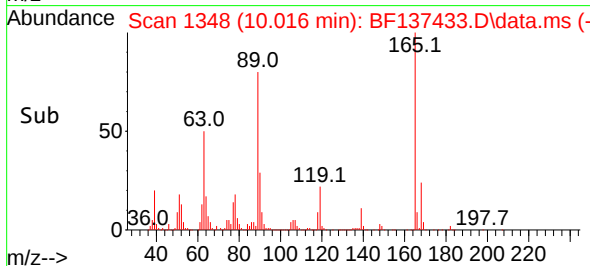
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:165 Resp: 31828
Ion Ratio Lower Upper
165 100
63 50.7 41.1 61.7
89 80.3 66.6 100.0
182 2.3 2.1 3.1

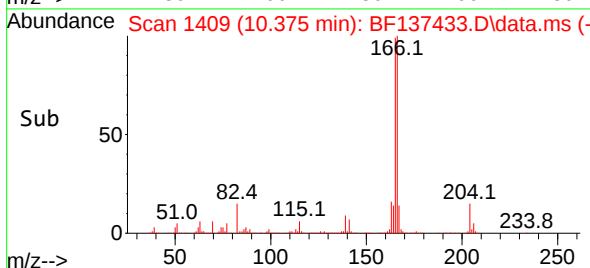
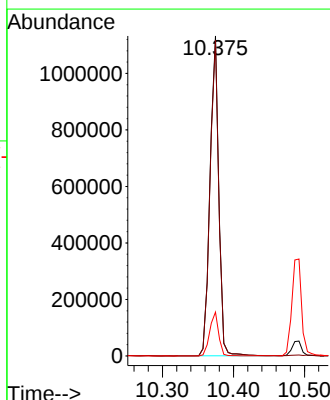
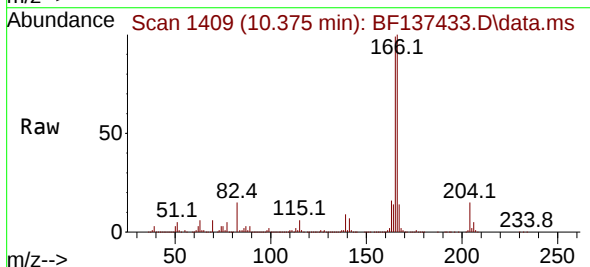
Manual Integrations
APPROVED

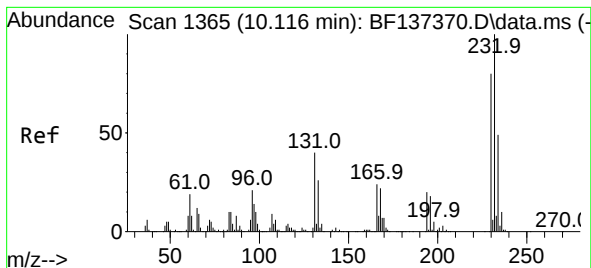
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#58
Fluorene
Concen: 43.058 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

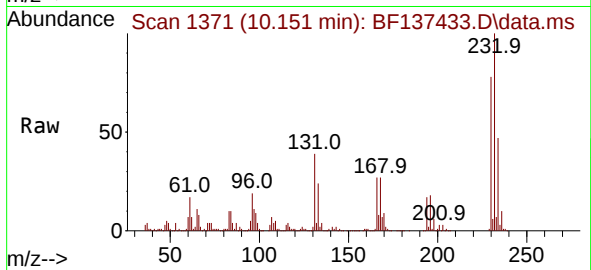
Tgt Ion:166 Resp: 973338
Ion Ratio Lower Upper
166 100
165 98.6 78.8 118.2
167 13.7 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.031 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

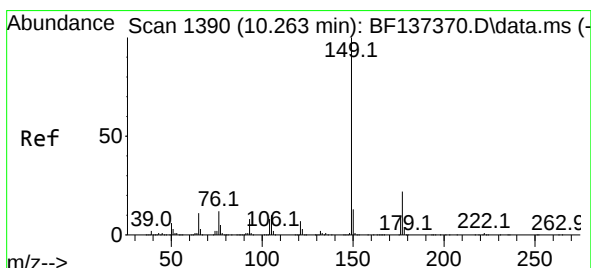
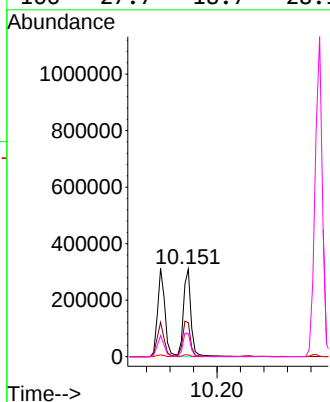
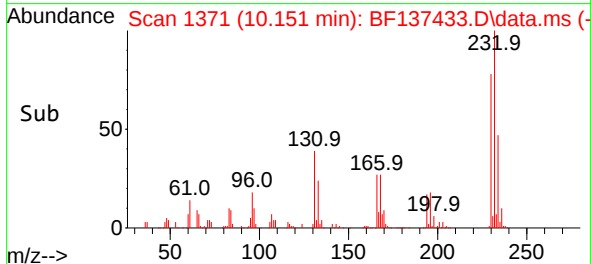
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:232 Resp: 274284
Ion Ratio Lower Upper
232 100
131 42.5 31.1 46.7
130 2.2 1.8 2.6
166 27.7 18.7 28.1

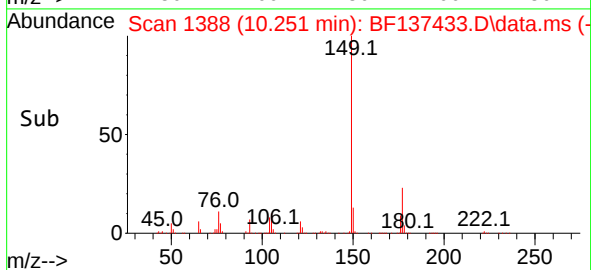
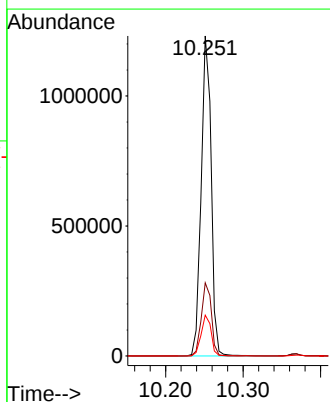
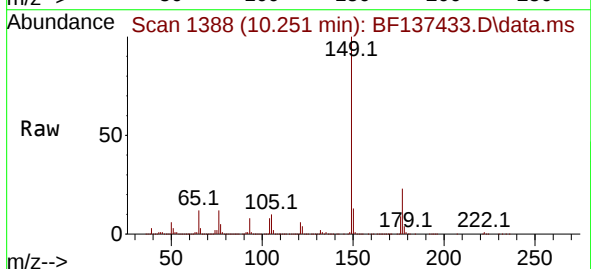
Manual Integrations
APPROVED

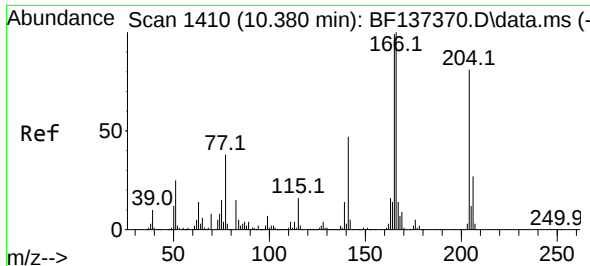
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#60
Diethylphthalate
Concen: 47.495 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

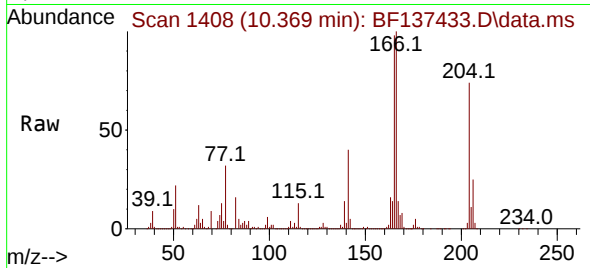
Tgt Ion:149 Resp: 1100055
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.842 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

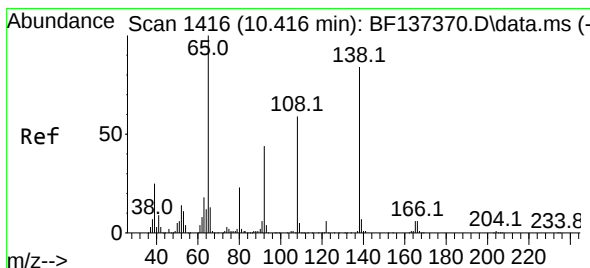
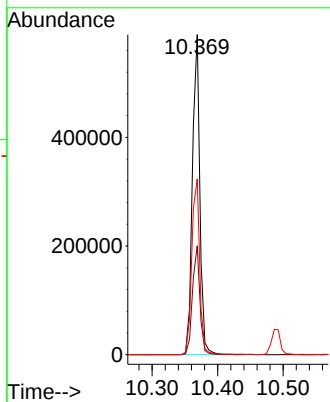
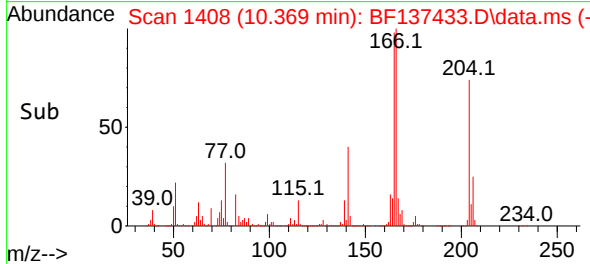
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



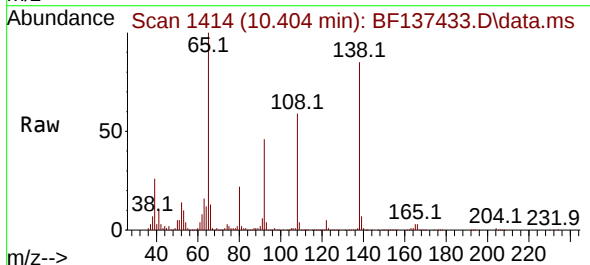
Tgt Ion:204 Resp: 465279
Ion Ratio Lower Upper
204 100
206 34.1 26.8 40.2
141 55.0 46.4 69.6

Manual Integrations
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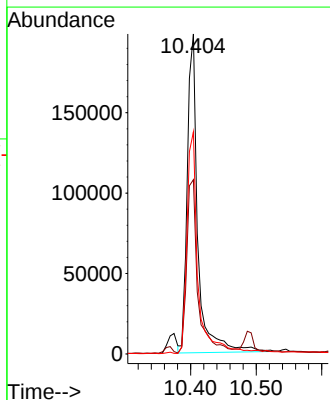
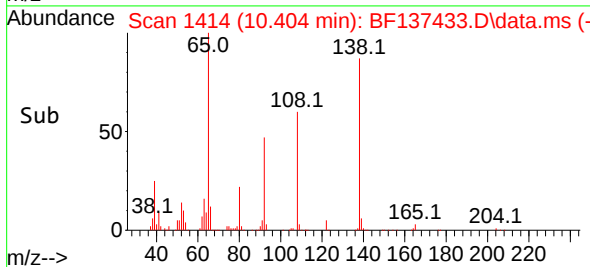
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

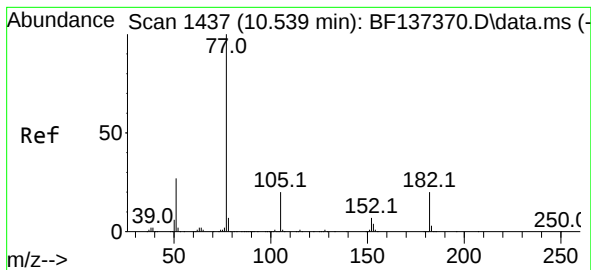


#62
4-Nitroaniline
Concen: 45.561 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19



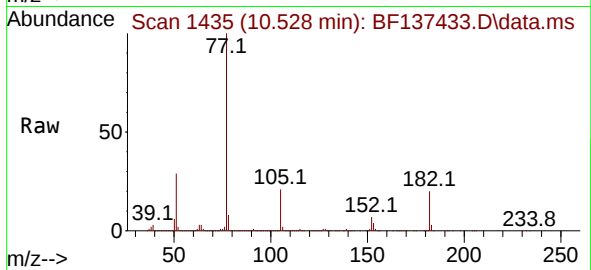
Tgt Ion:138 Resp: 220779
Ion Ratio Lower Upper
138 100
92 54.4 33.4 73.4
108 69.4 50.4 90.4





#63
Azobenzene
Concen: 44.303 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

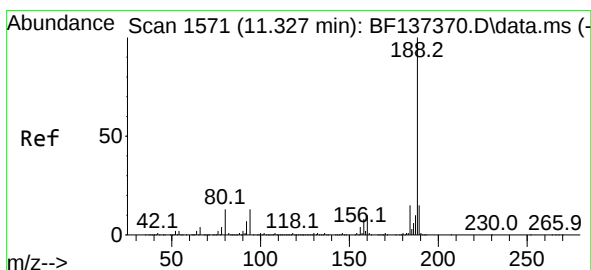
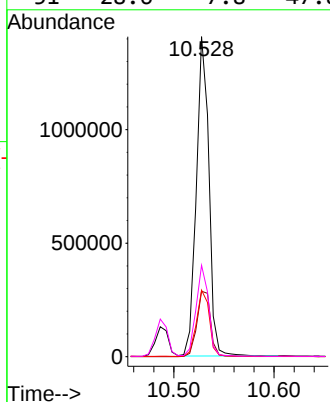
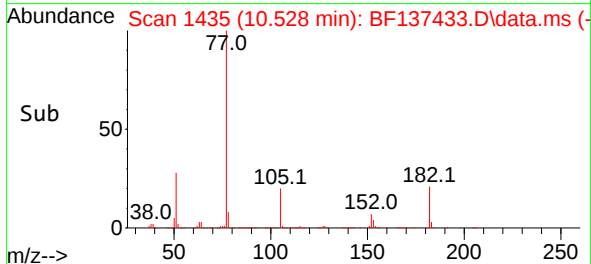
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 77 Resp: 1227708
Ion Ratio Lower Upper
77 100
182 20.5 0.0 39.6
105 20.8 0.4 40.4
51 28.6 7.8 47.8

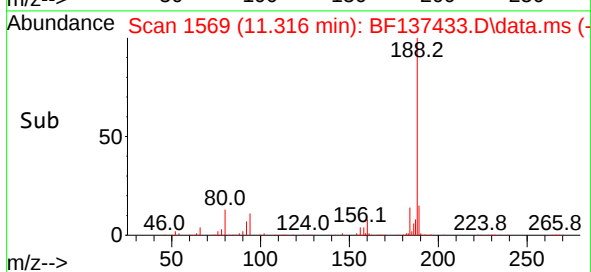
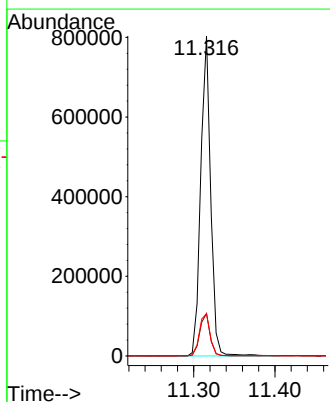
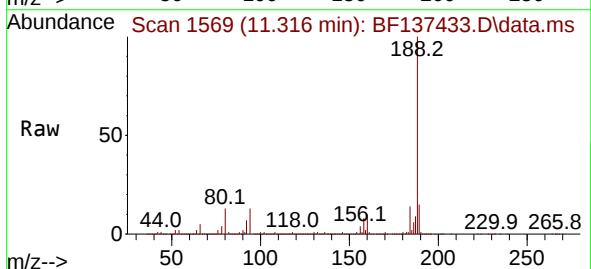
Manual Integrations
APPROVED

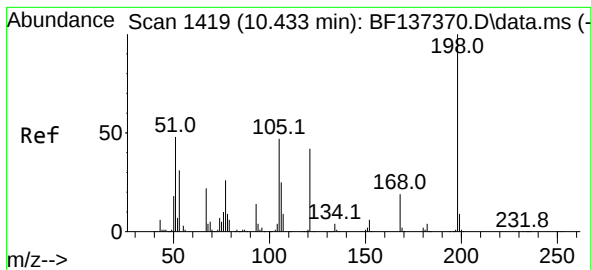
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

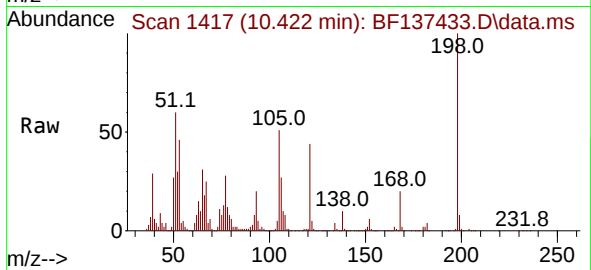
Tgt Ion:188 Resp: 682975
Ion Ratio Lower Upper
188 100
94 13.3 10.2 15.2
80 13.3 10.7 16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 47.674 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

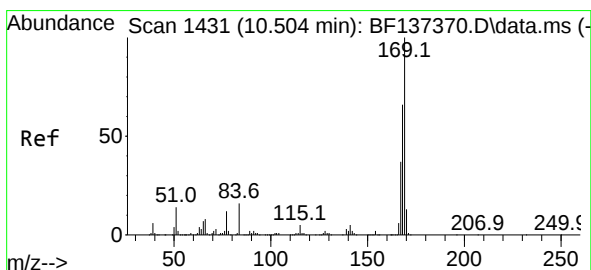
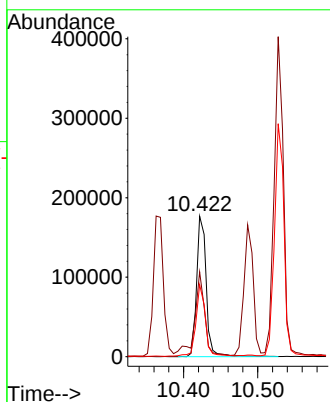
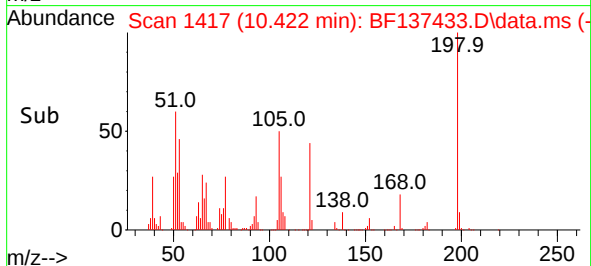
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:198 Resp: 15910
Ion Ratio Lower Upper
198 100
51 60.4 36.8 76.8
105 51.2 28.5 68.5

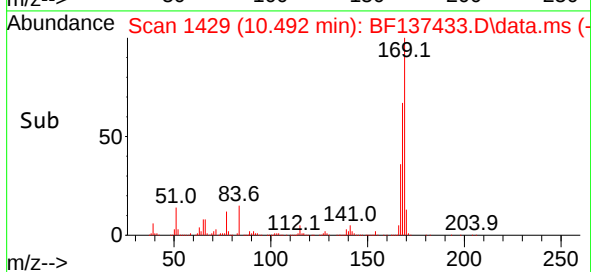
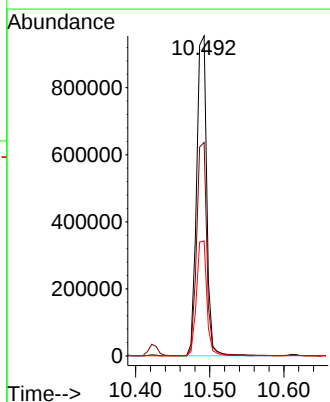
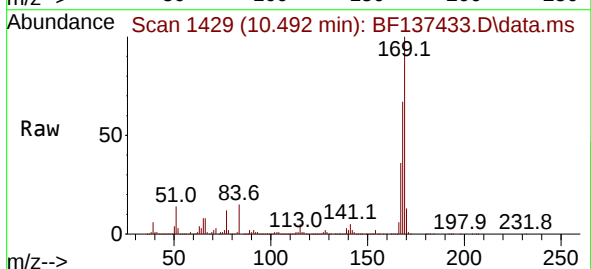
Manual Integrations
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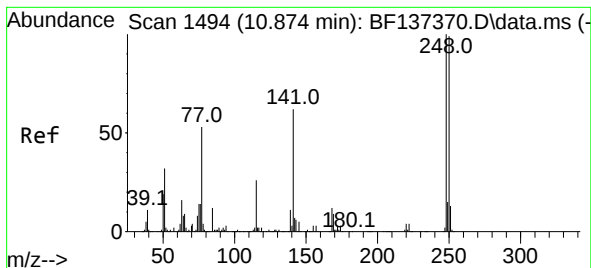
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#66
n-Nitrosodiphenylamine
Concen: 40.708 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

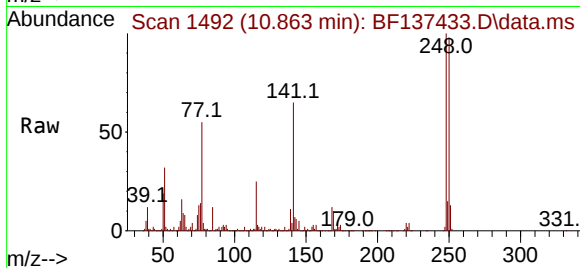
Tgt Ion:169 Resp: 902943
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.4
167 36.0 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 40.844 ng
RT: 10.863 min Scan# 1494
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

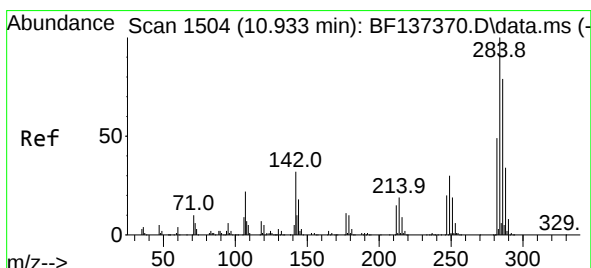
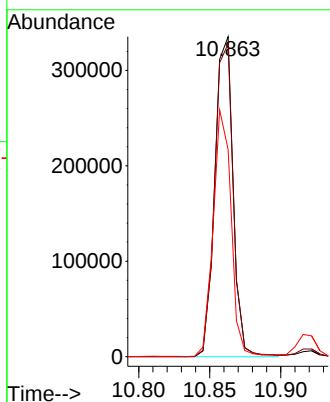
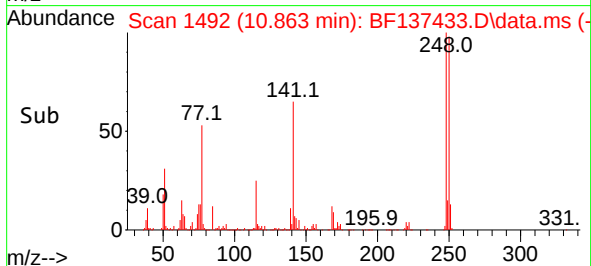
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:248 Resp: 299890
Ion Ratio Lower Upper
248 100
250 97.7 79.0 118.6
141 64.7 49.9 74.9

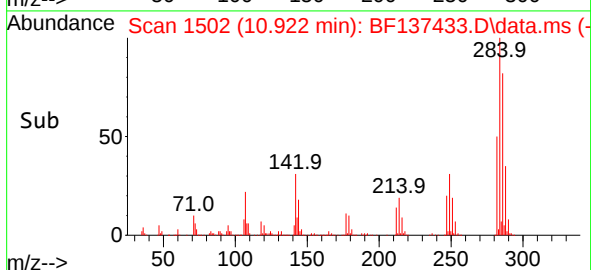
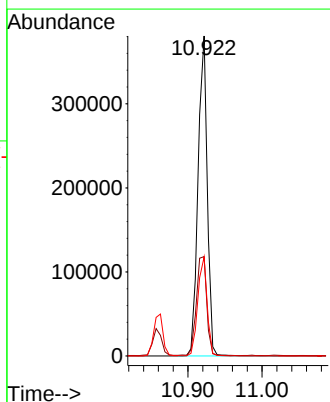
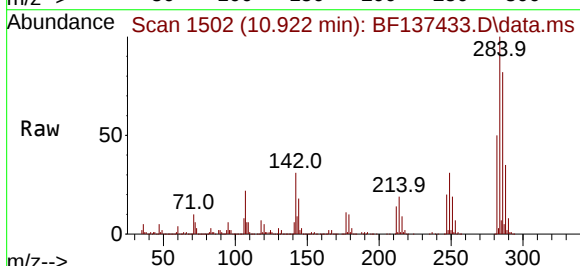
Manual Integrations
APPROVED

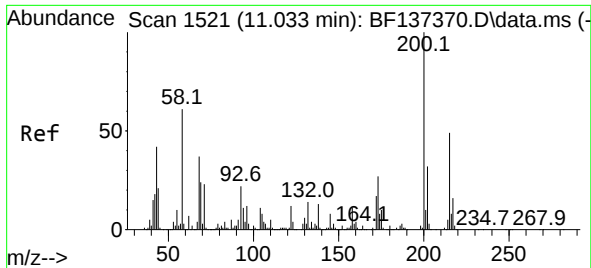
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#68
Hexachlorobenzene
Concen: 43.011 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

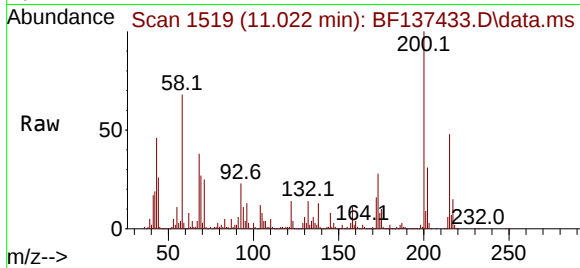
Tgt Ion:284 Resp: 326684
Ion Ratio Lower Upper
284 100
142 31.0 25.4 38.0
249 30.9 24.2 36.4





#69
 Atrazine
 Concen: 51.053 ng
 RT: 11.022 min Scan# 11022
 Delta R.T. -0.012 min
 Lab File: BF137433.D
 Acq: 28 Feb 2024 20:19

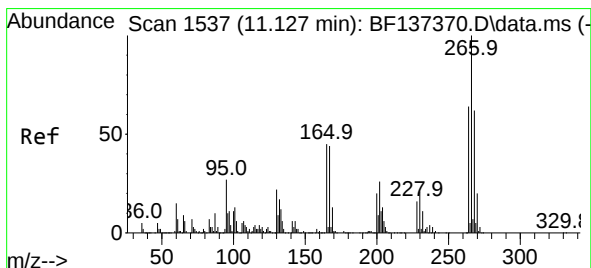
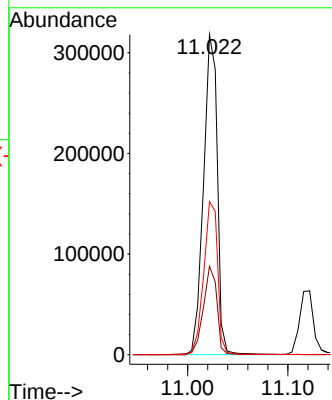
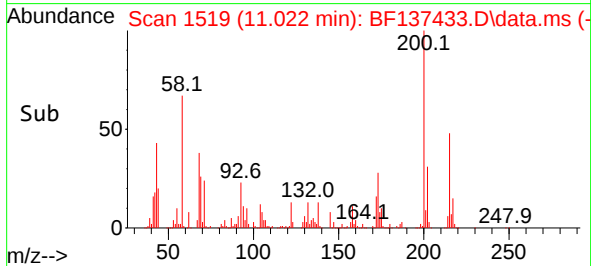
Instrument : BNA_F
 ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:200 Resp: 305604
 Ion Ratio Lower Upper
 200 100
 173 27.6 6.8 46.8
 215 47.9 29.4 69.4

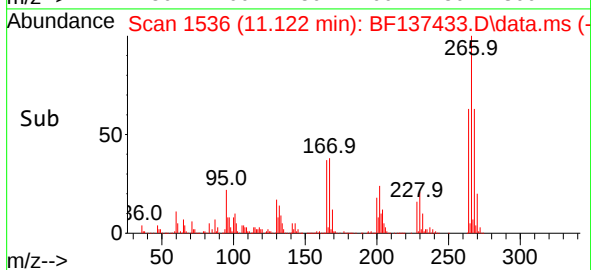
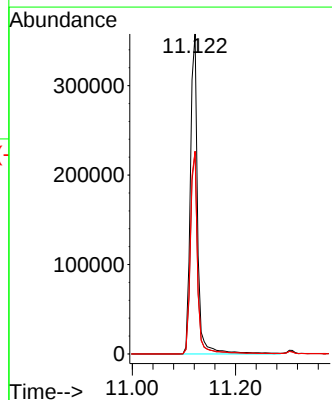
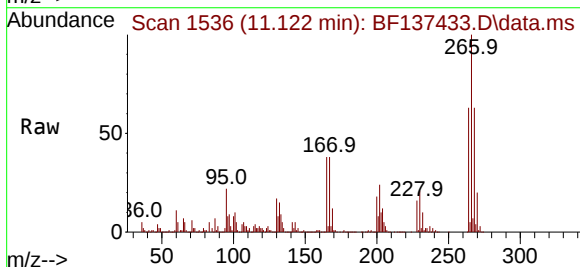
Manual Integrations
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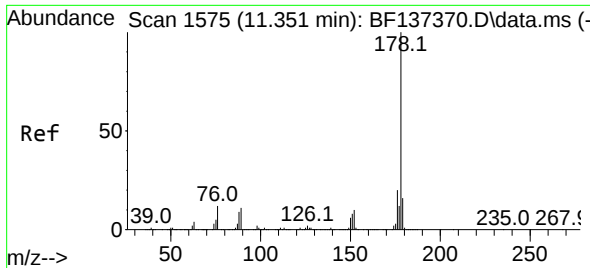
Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024



#70
 Pentachlorophenol
 Concen: 72.200 ng
 RT: 11.122 min Scan# 1536
 Delta R.T. -0.006 min
 Lab File: BF137433.D
 Acq: 28 Feb 2024 20:19

Tgt Ion:266 Resp: 347440
 Ion Ratio Lower Upper
 266 100
 268 63.3 49.4 74.2
 264 63.3 51.3 76.9





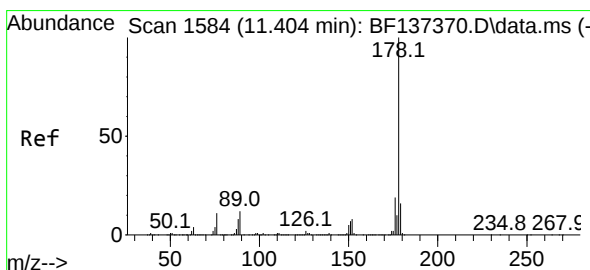
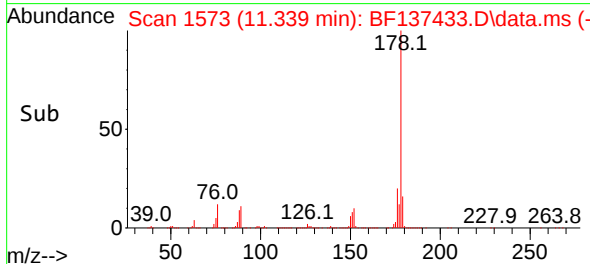
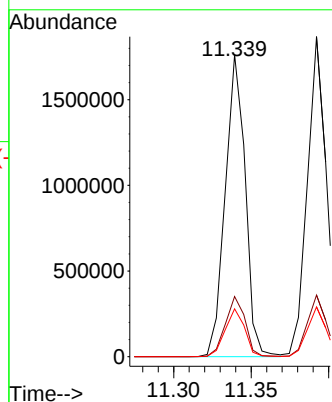
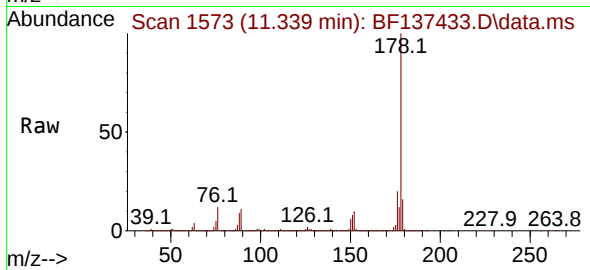
#71
Phenanthrene
Concen: 41.986 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:178 Resp: 1582054
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 15.8 12.7 19.1

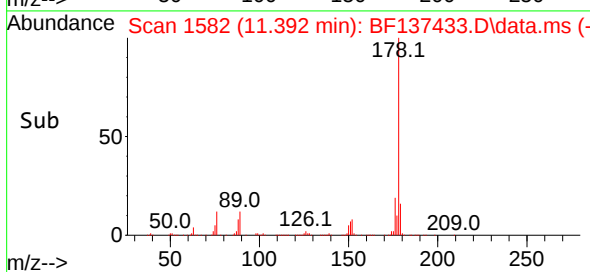
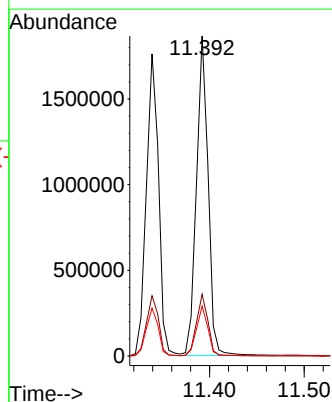
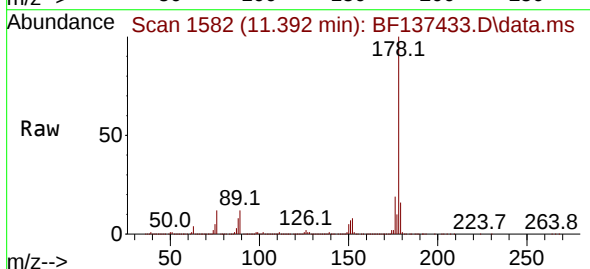
Manual Integrations
APPROVED

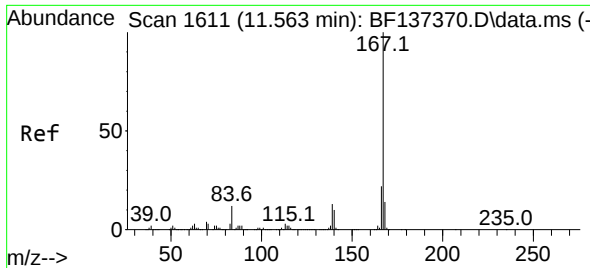
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#72
Anthracene
Concen: 41.241 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

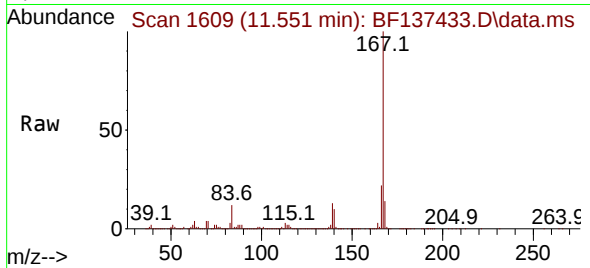
Tgt Ion:178 Resp: 1601494
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.5 12.6 18.8





#73
Carbazole
Concen: 43.847 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

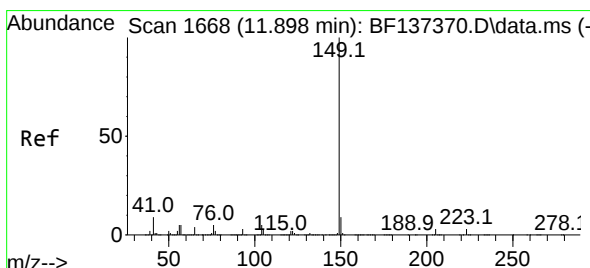
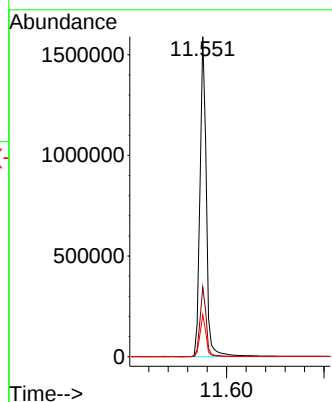
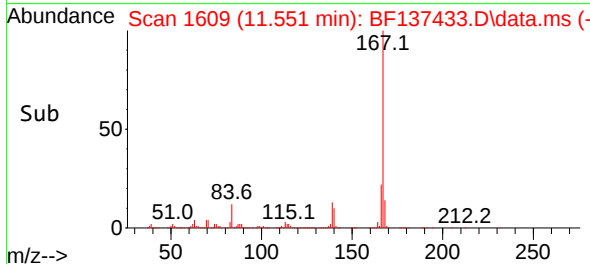
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



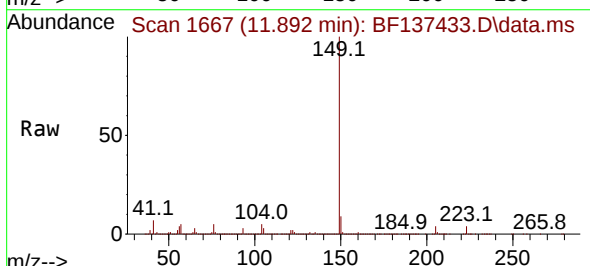
Tgt Ion:167 Resp: 1454770
Ion Ratio Lower Upper
167 100
166 21.7 17.8 26.6
139 13.1 10.0 15.0

Manual Integrations
APPROVED

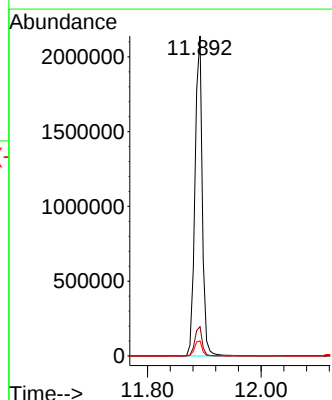
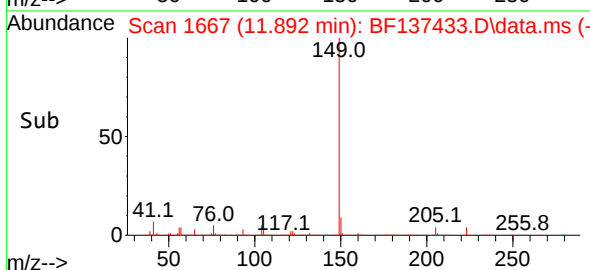
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

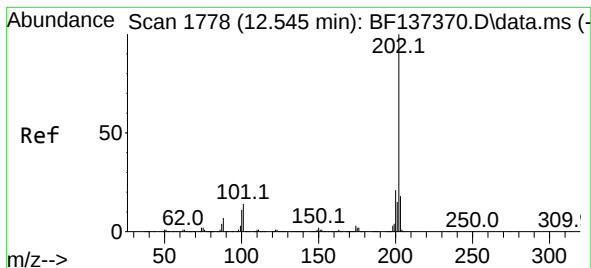


#74
Di-n-butylphthalate
Concen: 57.509 ng
RT: 11.892 min Scan# 1667
Delta R.T. -0.006 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19



Tgt Ion:149 Resp: 1909176
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.7 4.2 6.2





#75

Fluoranthene

Concen: 44.127 ng

RT: 12.539 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:202 Resp: 1623049

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.9

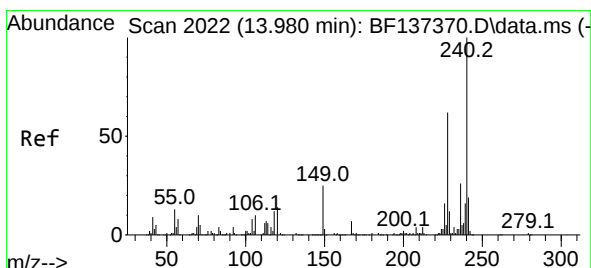
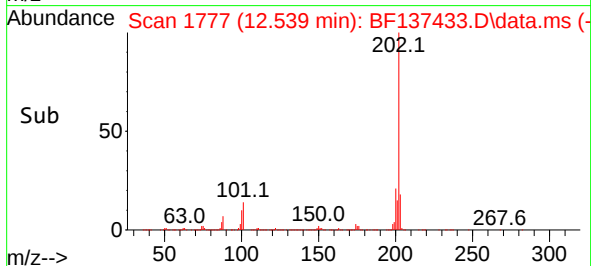
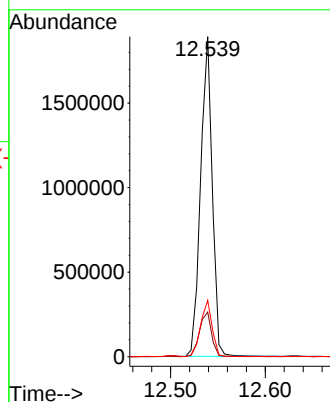
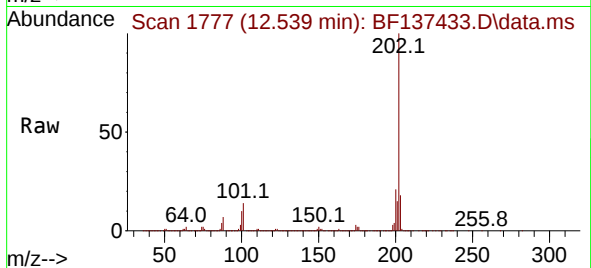
203 17.6 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024

Supervised By :mohammad ahmed 03/01/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

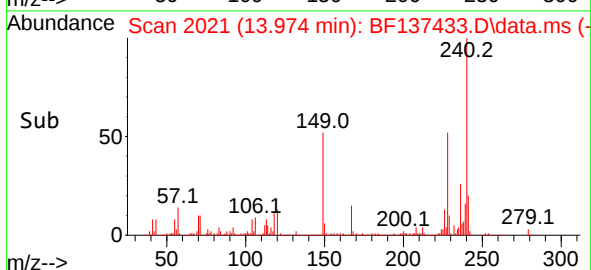
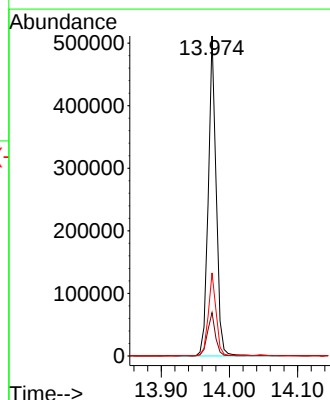
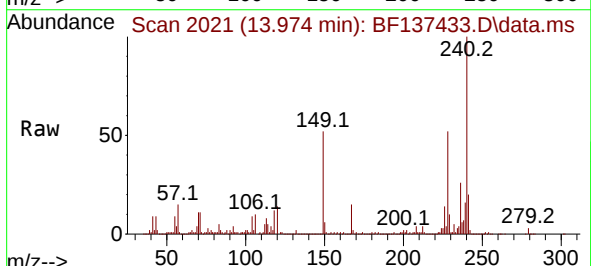
Tgt Ion:240 Resp: 413248

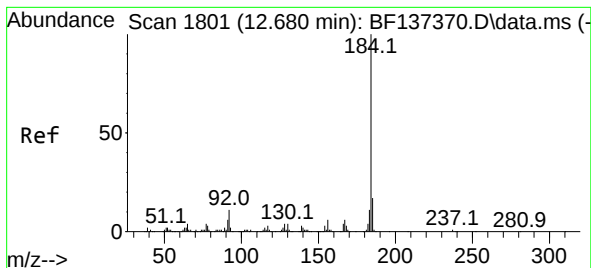
Ion Ratio Lower Upper

240 100

120 13.5 11.3 16.9

236 26.0 20.5 30.7





#77

Benzidine

Concen: 27.100 ng

RT: 12.669 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

Instrument :

BNA_F

ClientSampleId :

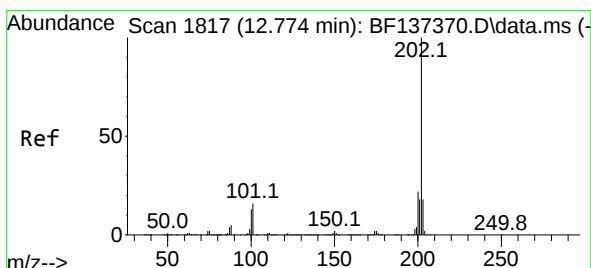
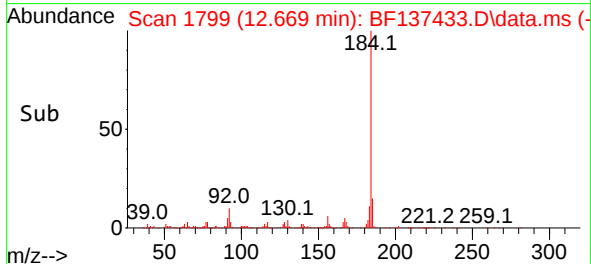
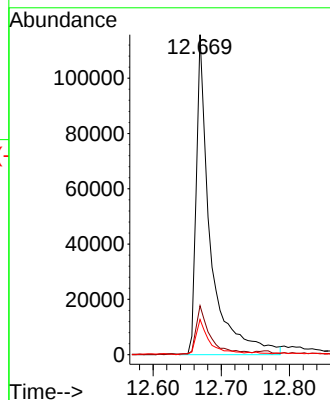
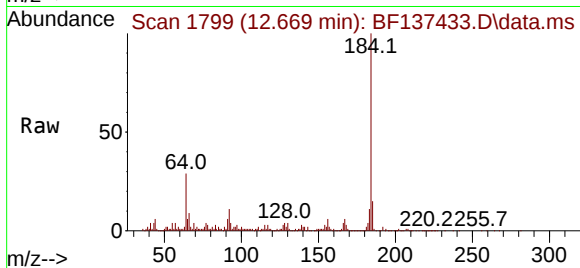
20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:184 Resp: 166310
 Ion Ratio Lower Upper
 184 100
 185 15.3 13.7 20.5
 183 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024



#78

Pyrene

Concen: 42.376 ng

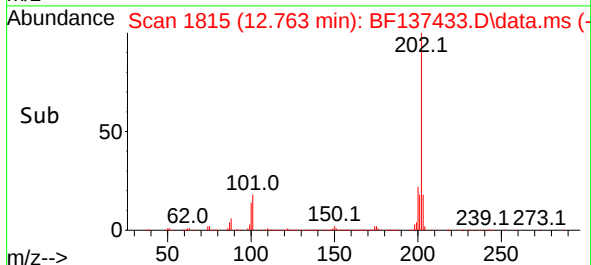
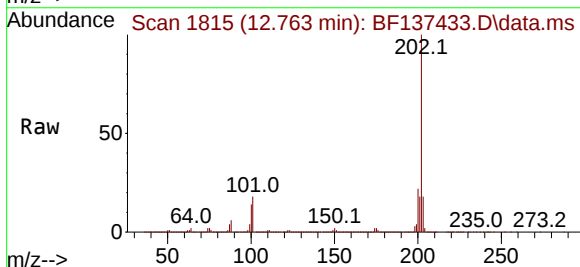
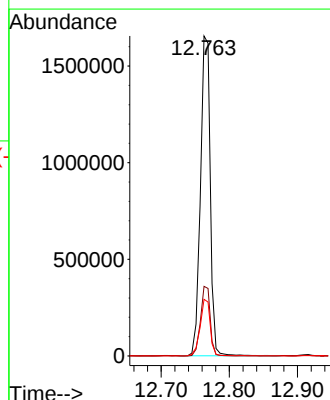
RT: 12.763 min Scan# 1815

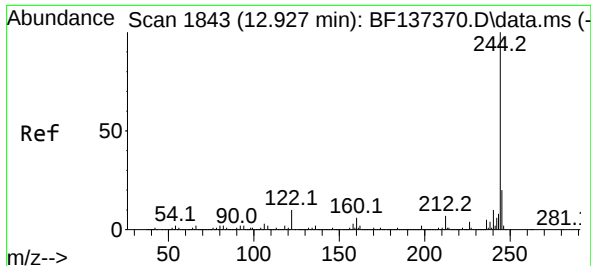
Delta R.T. -0.012 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

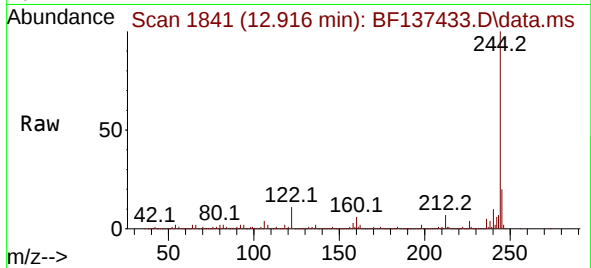
Tgt Ion:202 Resp: 1655865
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.4 26.2
 203 17.7 14.2 21.2





#79
Terphenyl-d14
Concen: 63.654 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

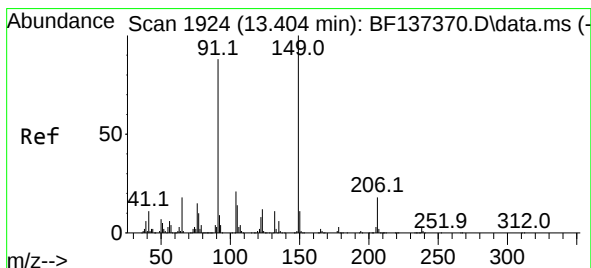
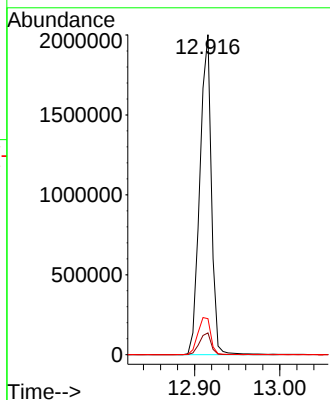
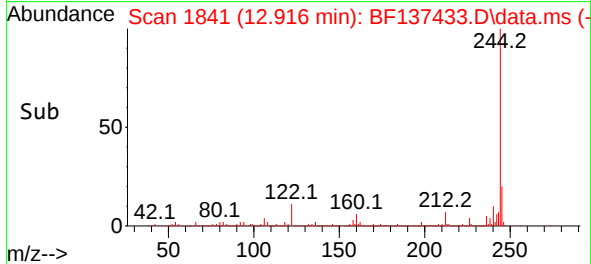
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:244 Resp: 1880679
Ion Ratio Lower Upper
244 100
212 6.8 5.3 7.9
122 11.3 8.2 12.4

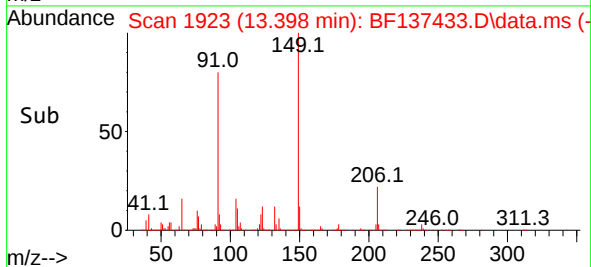
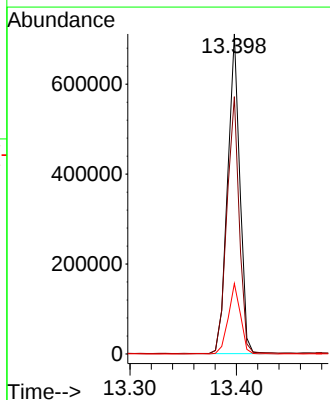
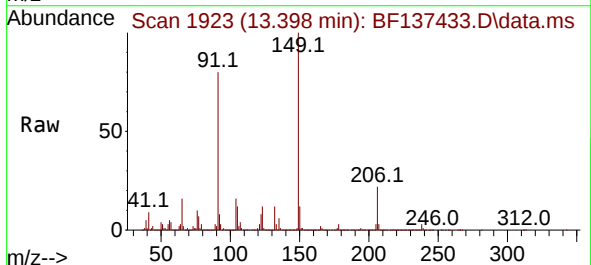
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APPROVED

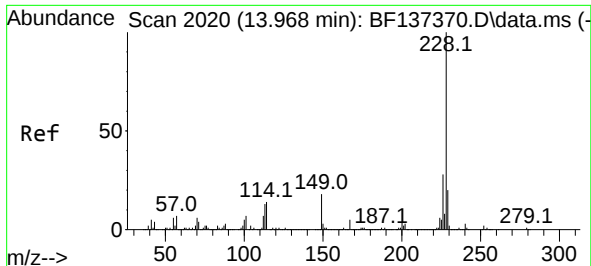
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#80
Butylbenzylphthalate
Concen: 79.349 ng
RT: 13.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

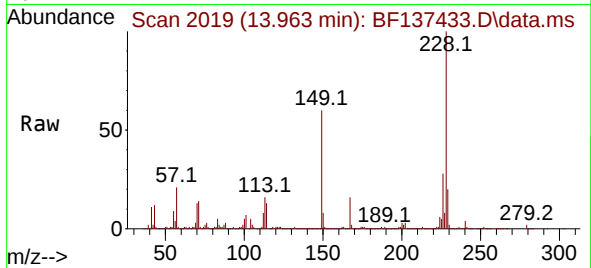
Tgt Ion:149 Resp: 567738
Ion Ratio Lower Upper
149 100
91 80.4 70.5 105.7
206 22.0 14.8 22.2





#81
Benzo(a)anthracene
Concen: 44.022 ng
RT: 13.963 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

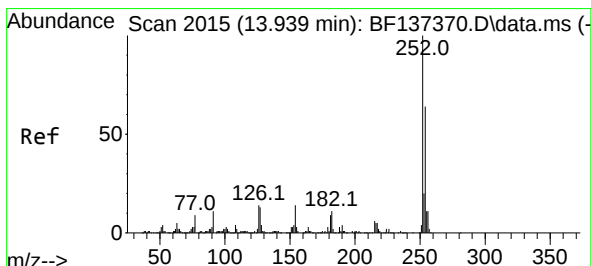
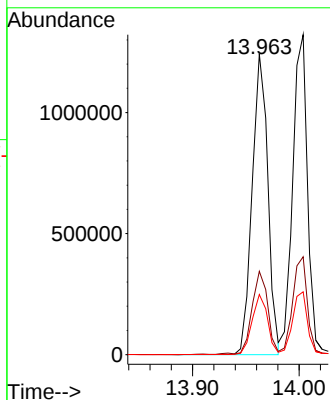
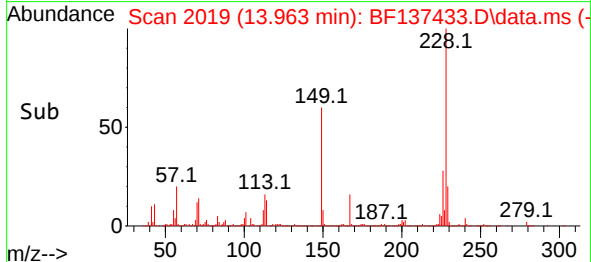
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:228 Resp: 126238
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.0 15.7 23.5

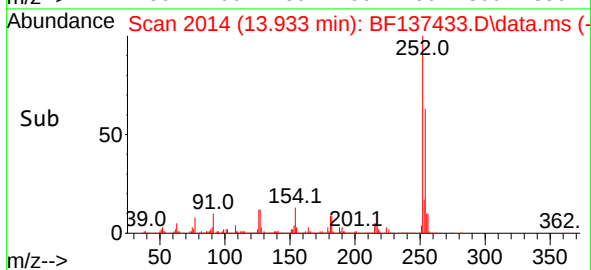
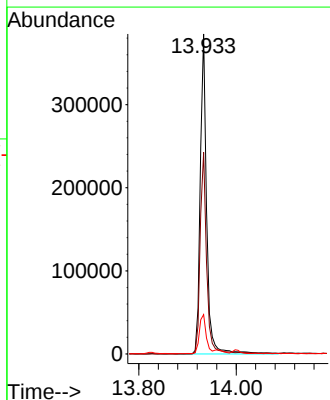
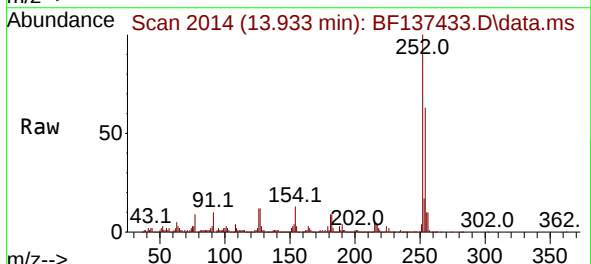
Manual Integrations
APPROVED

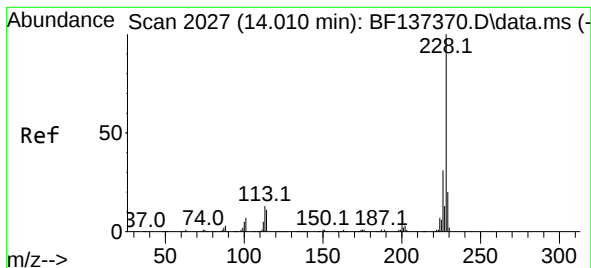
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#82
3,3'-Dichlorobenzidine
Concen: 52.306 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

Tgt Ion:252 Resp: 353142
Ion Ratio Lower Upper
252 100
254 63.0 51.2 76.8
126 12.3 11.1 16.7





#83

Chrysene

Concen: 43.434 ng

RT: 14.004 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:228 Resp: 127233

Ion Ratio Lower Upper

228 100

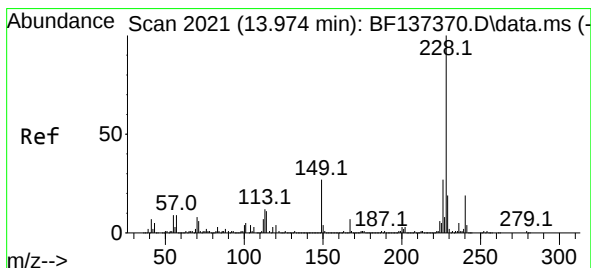
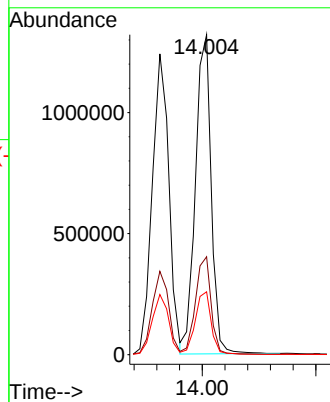
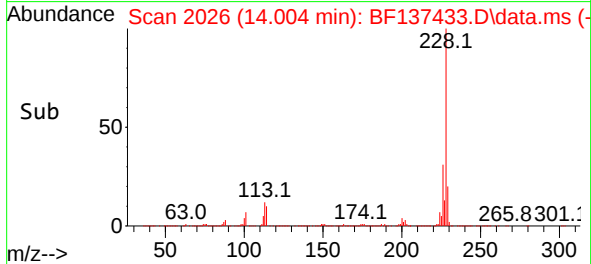
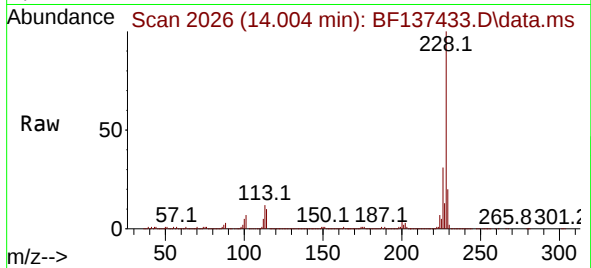
226 30.6 24.6 37.0

229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 90.194 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.011 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

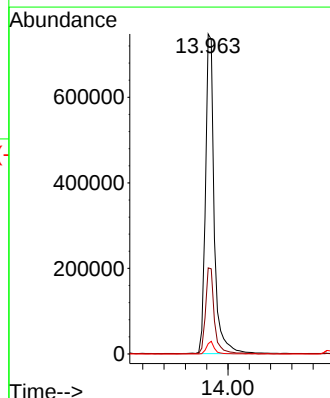
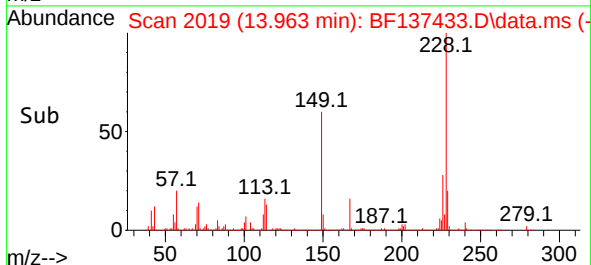
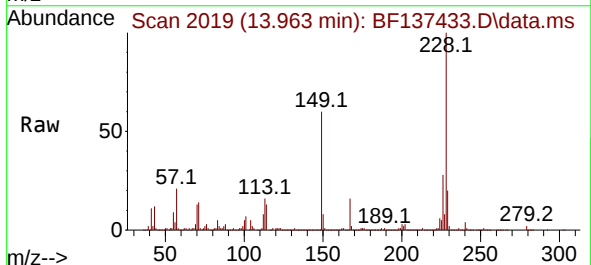
Tgt Ion:149 Resp: 849049

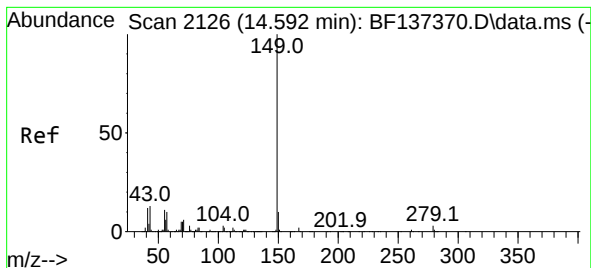
Ion Ratio Lower Upper

149 100

167 26.9 20.6 31.0

279 3.2 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 84.639 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:149 Resp: 155556

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

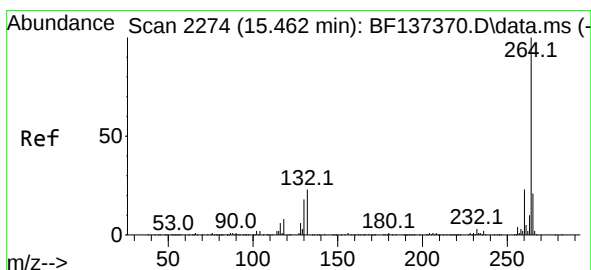
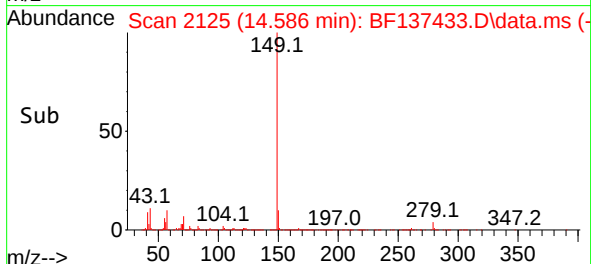
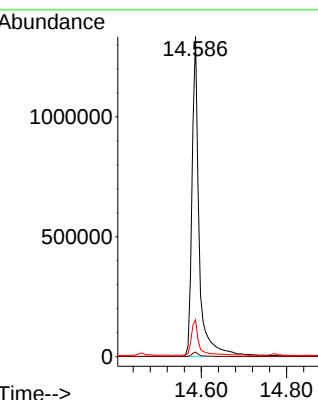
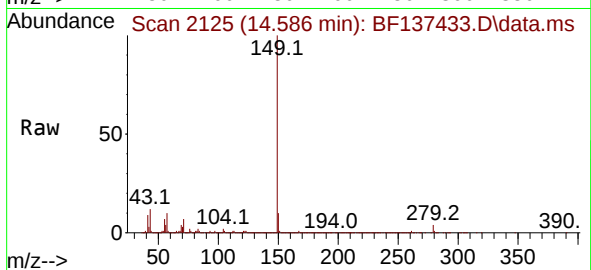
43 12.0 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024

Supervised By :mohammad ahmed 03/01/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

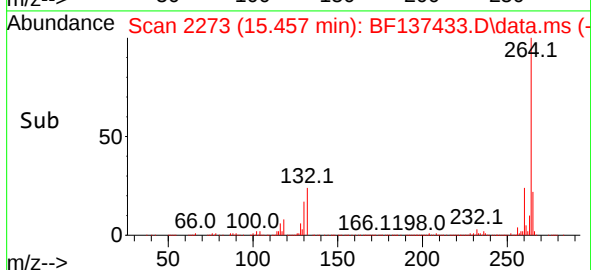
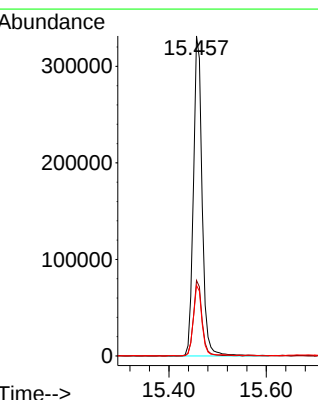
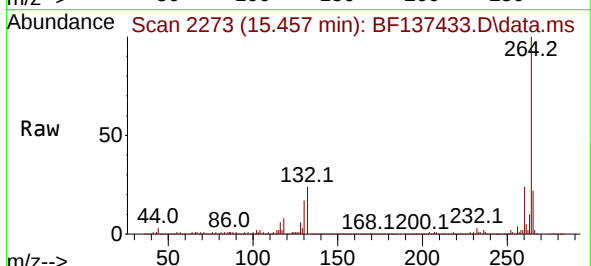
Tgt Ion:264 Resp: 410507

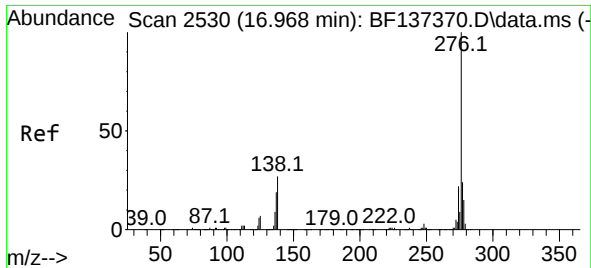
Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

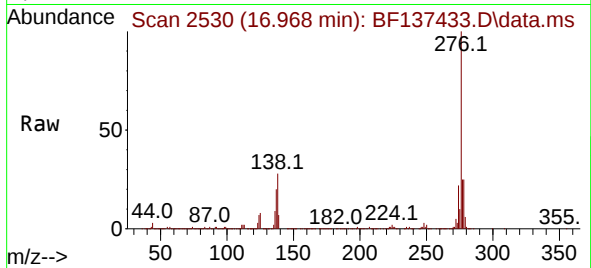
265 22.1 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.431 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

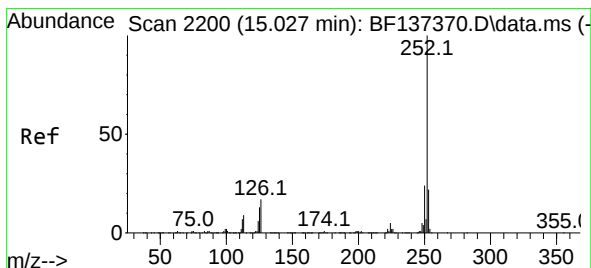
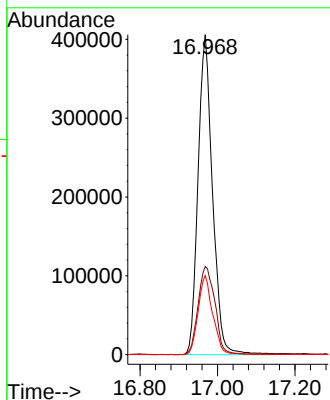
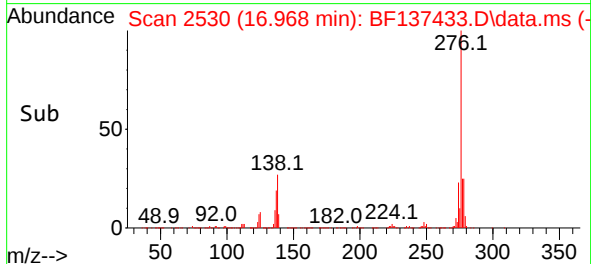
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:276 Resp: 1051770
Ion Ratio Lower Upper
276 100
138 31.9 25.8 38.8
277 25.1 19.6 29.4

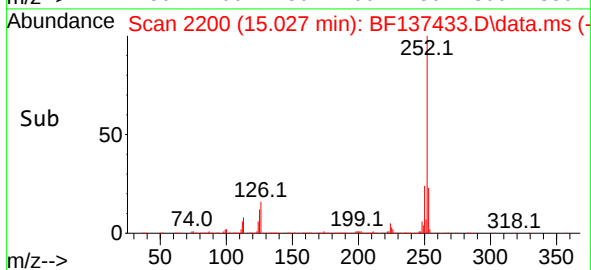
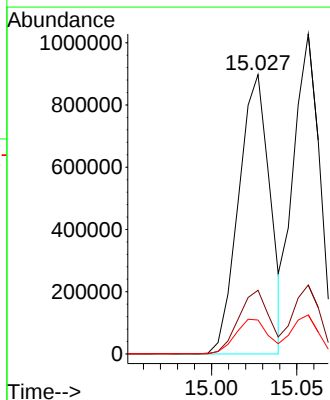
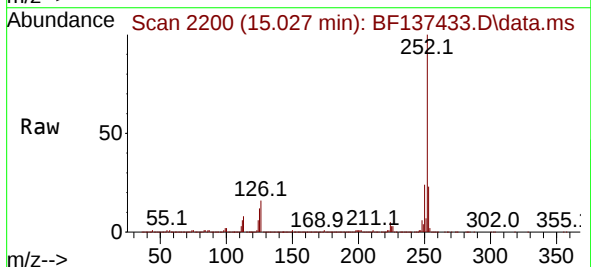
Manual Integrations
APPROVED

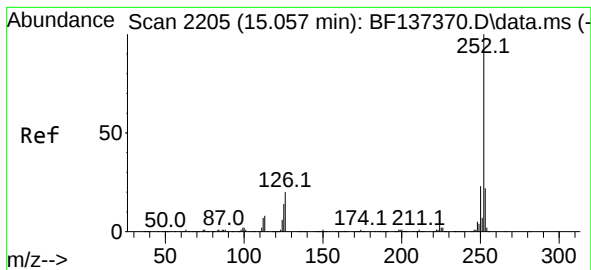
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#88
Benzo(b)fluoranthene
Concen: 45.652 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

Tgt Ion:252 Resp: 1149640
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 12.2 10.2 15.2





#89

Benzo(k)fluoranthene

Concen: 42.290 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

Instrument :

BNF

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:252 Resp: 111621

Ion Ratio Lower Upper

252 100

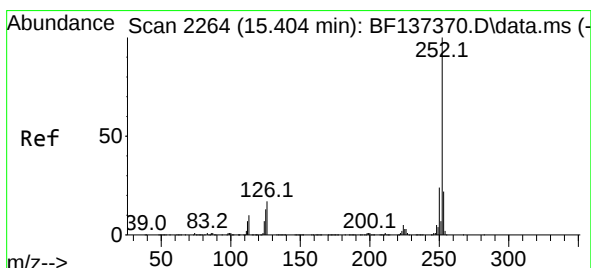
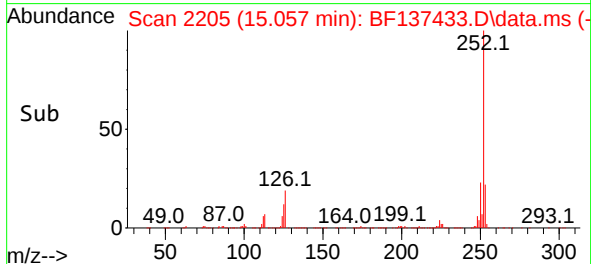
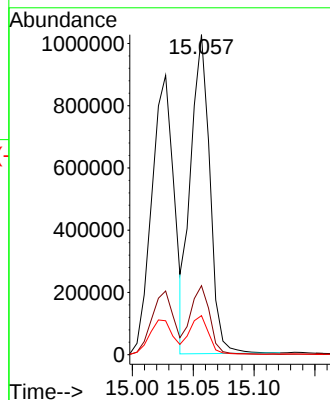
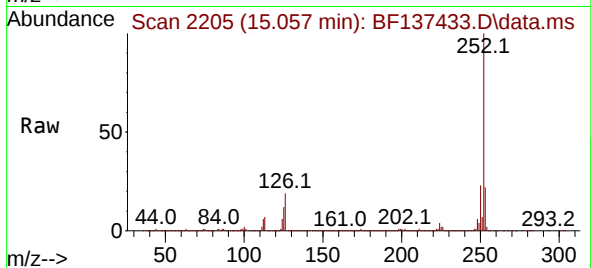
253 21.6 17.3 25.9

125 12.2 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#90

Benzo(a)pyrene

Concen: 43.090 ng

RT: 15.398 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF137433.D

Acq: 28 Feb 2024 20:19

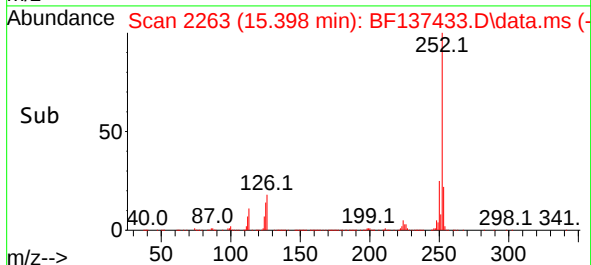
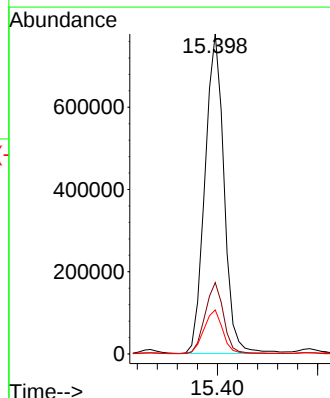
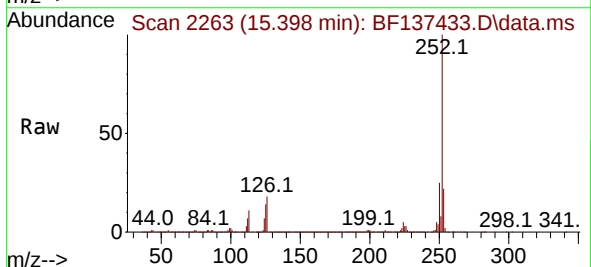
Tgt Ion:252 Resp: 1029277

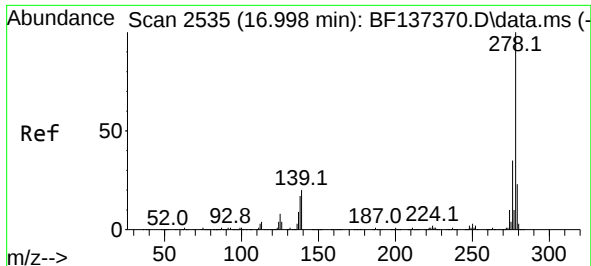
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

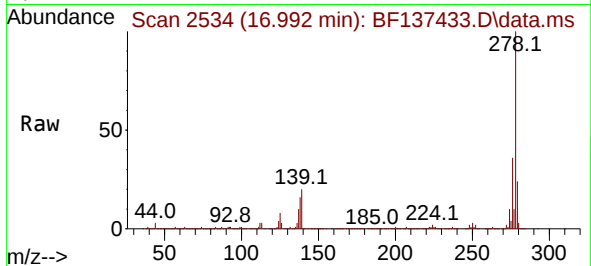
125 13.7 10.6 16.0





#91
Dibenzo(a,h)anthracene
Concen: 37.431 ng
RT: 16.992 min Scan# 2535
Delta R.T. -0.006 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19

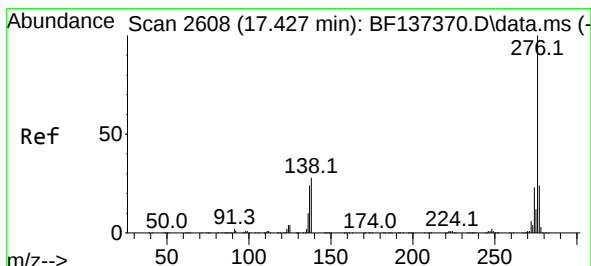
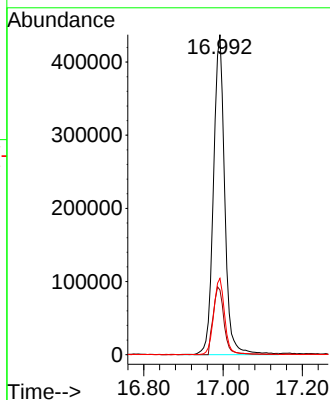
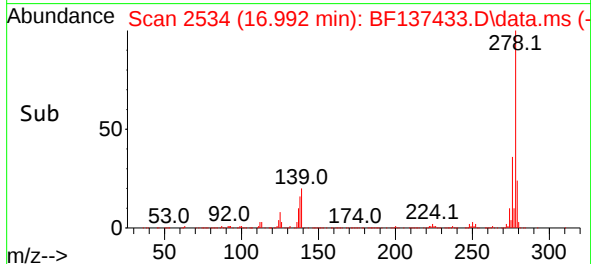
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



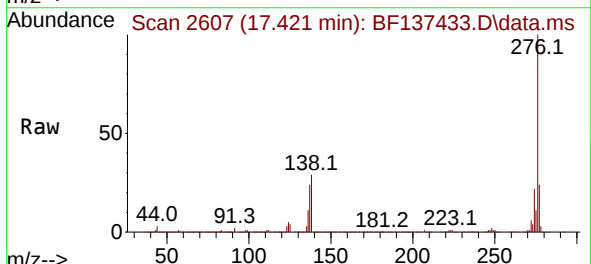
Tgt Ion:278 Resp: 863634
Ion Ratio Lower Upper
278 100
139 20.2 16.2 24.4
279 23.9 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#92
Benzo(g,h,i)perylene
Concen: 33.806 ng
RT: 17.421 min Scan# 2607
Delta R.T. -0.006 min
Lab File: BF137433.D
Acq: 28 Feb 2024 20:19



Tgt Ion:276 Resp: 798582
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 29.1 22.6 33.8

