

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137430.D
 Acq On : 28 Feb 2024 18:51
 Operator : CG\JU
 Sample : P1585-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MSD

Manual Integrations
 APPROVED

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

Quant Time: Feb 29 03:14:09 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	136293	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	556319	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	340579	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	654175	20.000	ng	-0.02
76) Chrysene-d12	13.974	240	445651	20.000	ng	0.00
86) Perylene-d12	15.457	264	418848	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1301860	147.389	ng	0.00
7) Phenol-d6	6.428	99	1667865	128.364	ng	-0.01
23) Nitrobenzene-d5	7.345	82	1135501	101.901	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	484998	163.532	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1968648	89.990	ng	-0.01
79) Terphenyl-d14	12.916	244	2794321	87.700	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	208935	43.180	ng	# 85
3) Pyridine	3.334	79	390686	32.296	ng	100
4) n-Nitrosodimethylamine	3.263	42	231441	49.544	ng	# 97
6) Aniline	6.451	93	343285	22.279	ng	93
8) 2-Chlorophenol	6.569	128	491524	51.883	ng	99
9) Benzaldehyde	6.340	77	28104	4.493	ng	93
10) Phenol	6.440	94	636327	44.748	ng	99
11) bis(2-Chloroethyl)ether	6.522	93	503319	48.710	ng	97
12) 1,3-Dichlorobenzene	6.722	146	493859	48.543	ng	99
13) 1,4-Dichlorobenzene	6.798	146	517184	49.375	ng	98
14) 1,2-Dichlorobenzene	6.951	146	481284	49.675	ng	98
15) Benzyl Alcohol	6.928	79	451181	58.253	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	875030	50.948	ng	95
17) 2-Methylphenol	7.039	107	405088	45.192	ng	99
18) Hexachloroethane	7.287	117	171595	47.541	ng	95
19) n-Nitroso-di-n-propyla...	7.198	70	400268	49.991	ng	99
20) 3+4-Methylphenols	7.192	107	498066	48.750	ng	93
22) Acetophenone	7.192	105	683829	50.691	ng	# 96
24) Nitrobenzene	7.363	77	589507	52.064	ng	96
25) Isophorone	7.604	82	1168133	50.691	ng	98
26) 2-Nitrophenol	7.681	139	246156	56.356	ng	98
27) 2,4-Dimethylphenol	7.722	122	389477	45.956	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	686737	51.703	ng	99
29) 2,4-Dichlorophenol	7.922	162	433359	54.558	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	423227	49.640	ng	99
31) Naphthalene	8.081	128	1441946	48.298	ng	99
32) Benzoic acid	7.845	122	269509	51.395	ng	97
33) 4-Chloroaniline	8.139	127	129569	11.411	ng	96
34) Hexachlorobutadiene	8.198	225	241709	47.722	ng	98
35) Caprolactam	8.504	113	156171m	63.577	ng	
36) 4-Chloro-3-methylphenol	8.628	107	498390	55.345	ng	99
37) 2-Methylnaphthalene	8.775	142	936667	48.689	ng	99
38) 1-Methylnaphthalene	8.875	142	887081	48.771	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	449689	47.939	ng	99
41) Hexachlorocyclopentadiene	8.928	237	293703	69.057	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	316396	52.020	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137430.D
 Acq On : 28 Feb 2024 18:51
 Operator : CG\JU
 Sample : P1585-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MSD

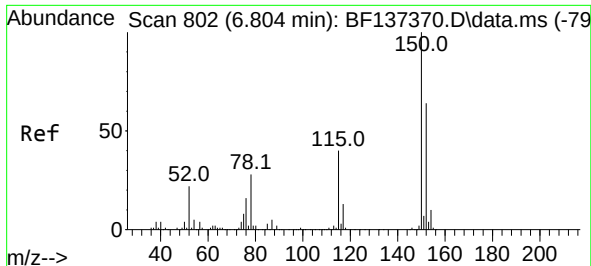
Manual Integrations
 APPROVED

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

Quant Time: Feb 29 03:14:09 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	356773	51.130	ng	98
46) 1,1'-Biphenyl	9.245	154	1201114	48.421	ng	98
47) 2-Chloronaphthalene	9.263	162	928669	49.574	ng	99
48) 2-Nitroaniline	9.369	65	346021	59.684	ng	97
49) Acenaphthylene	9.681	152	1573252	51.690	ng	99
50) Dimethylphthalate	9.551	163	1236230	52.530	ng	99
51) 2,6-Dinitrotoluene	9.610	165	265508	60.644	ng	# 89
52) Acenaphthene	9.857	154	887140	48.829	ng	99
53) 3-Nitroaniline	9.780	138	199776	40.330	ng	99
54) 2,4-Dinitrophenol	9.886	184	248957	111.602	ng	94
55) Dibenzofuran	10.028	168	1393534	49.627	ng	99
56) 4-Nitrophenol	9.951	139	416143	110.267	ng	92
57) 2,4-Dinitrotoluene	10.016	165	356390	64.022	ng	95
58) Fluorene	10.375	166	1073118	50.042	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	306316m	53.012	ng	
60) Diethylphthalate	10.251	149	1239275	56.402	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	513190	48.649	ng	96
62) 4-Nitroaniline	10.404	138	249073	53.855	ng	97
63) Azobenzene	10.528	77	1392312	52.963	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	180877	55.743	ng	85
66) n-Nitrosodiphenylamine	10.486	169	1006514	47.375	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	342852	48.752	ng	# 92
68) Hexachlorobenzene	10.922	284	367206	50.475	ng	96
69) Atrazine	11.022	200	351406	61.289	ng	99
70) Pentachlorophenol	11.122	266	434912	94.355	ng	99
71) Phenanthrene	11.339	178	1731640	47.979	ng	100
72) Anthracene	11.392	178	1793516	48.220	ng	99
73) Carbazole	11.551	167	1664800	52.387	ng	99
74) Di-n-butylphthalate	11.886	149	2128222	66.929	ng	99
75) Fluoranthene	12.533	202	1848114	52.458	ng	100
77) Benzidine	12.669	184	62232m	13.931	ng	
78) Pyrene	12.763	202	1894704	44.962	ng	100
80) Butylbenzylphthalate	13.398	149	665594	83.913	ng	# 90
81) Benzo(a)anthracene	13.963	228	1552506	50.203	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	363453	50.149	ng	98
83) Chrysene	13.998	228	1583709	50.132	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	981478	94.691	ng	98
85) Di-n-octyl phthalate	14.586	149	1932215	92.037	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.962	276	1220649	42.319	ng	99
88) Benzo(b)fluoranthene	15.021	252	1417403	55.164	ng	99
89) Benzo(k)fluoranthene	15.057	252	1349610	50.115	ng	98
90) Benzo(a)pyrene	15.398	252	1222265	50.151	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	1008190	42.606	ng	98
92) Benzo(g,h,i)perylene	17.421	276	926173	38.144	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.023 min
 Lab File: BF137430.D
 Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

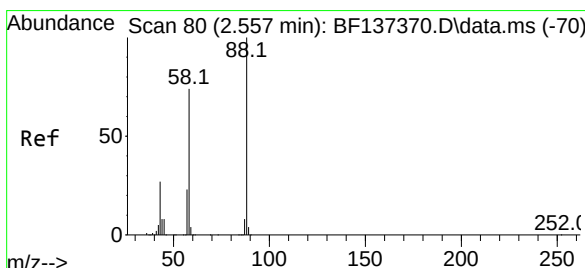
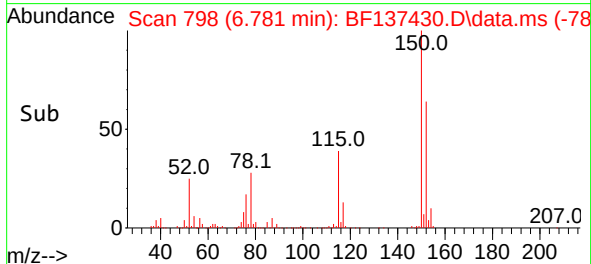
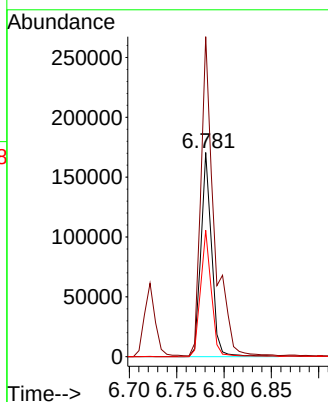
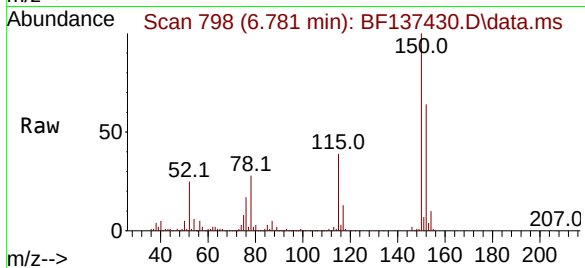
VNJ-232MSD

Tgt Ion:152 Resp: 13629
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.7 188.5
 115 61.9 49.8 74.8

Manual Integrations

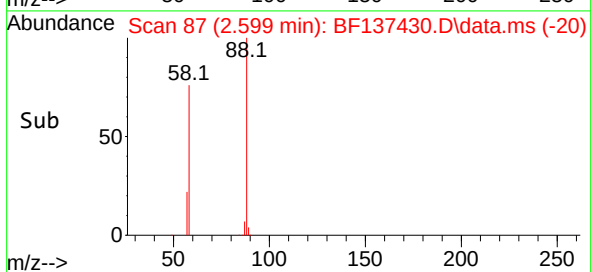
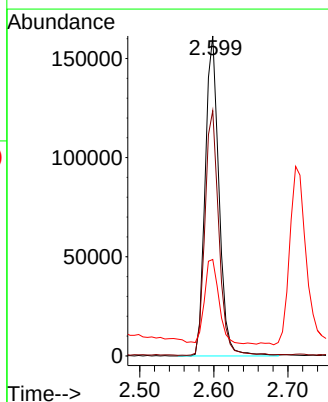
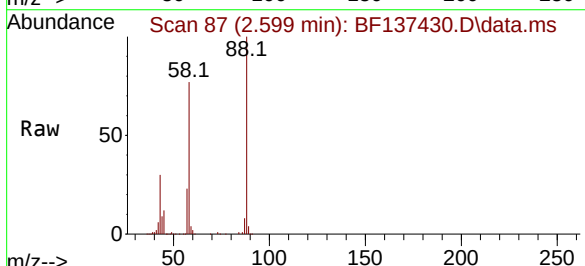
APPROVED

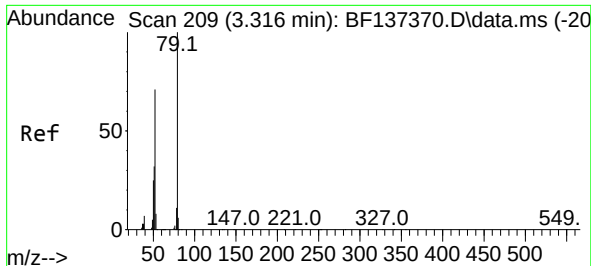
Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024



#2
 1,4-Dioxane
 Concen: 43.180 ng
 RT: 2.599 min Scan# 87
 Delta R.T. 0.041 min
 Lab File: BF137430.D
 Acq: 28 Feb 2024 18:51

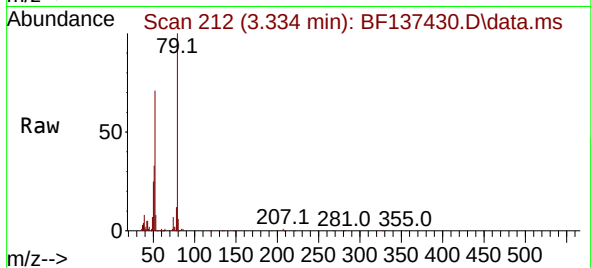
Tgt Ion: 88 Resp: 208935
 Ion Ratio Lower Upper
 88 100
 58 76.7 60.6 91.0
 43 0.0 22.0 33.0





#3
Pyridine
Concen: 32.296 ng
RT: 3.334 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

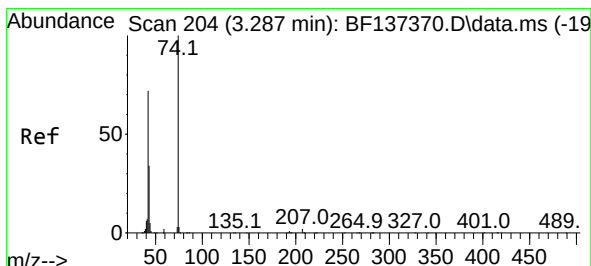
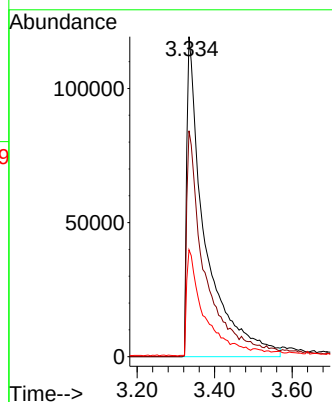
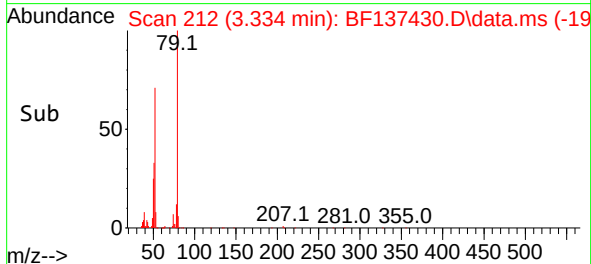
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



Tgt Ion: 79 Resp: 390680
Ion Ratio Lower Upper
79 100
52 70.6 56.5 84.7
51 33.4 26.2 39.2

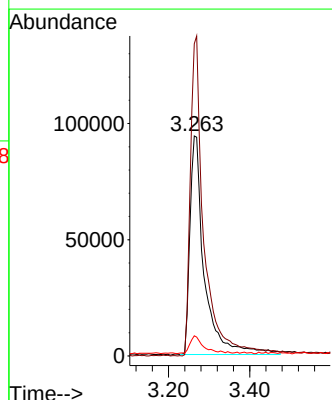
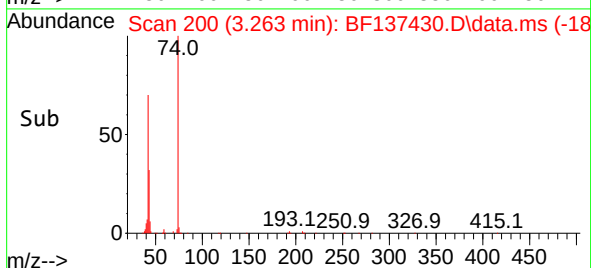
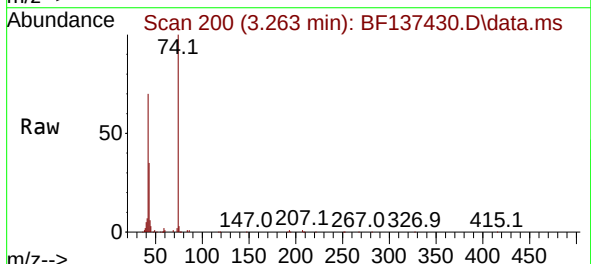
Manual Integrations
APPROVED

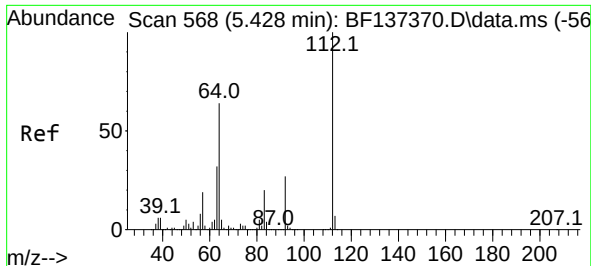
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#4
n-Nitrosodimethylamine
Concen: 49.544 ng
RT: 3.263 min Scan# 200
Delta R.T. -0.024 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion: 42 Resp: 231441
Ion Ratio Lower Upper
42 100
74 141.9 110.8 166.2
44 9.2 6.0 9.0





#5
2-Fluorophenol
Concen: 147.389 ng
RT: 5.422 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

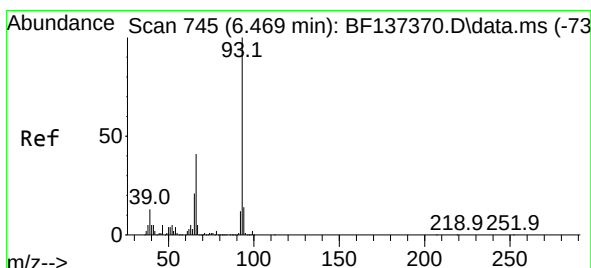
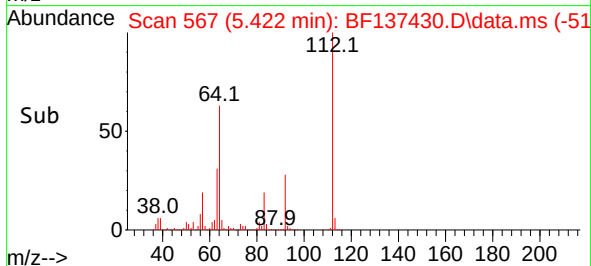
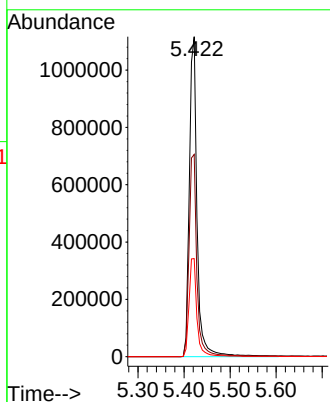
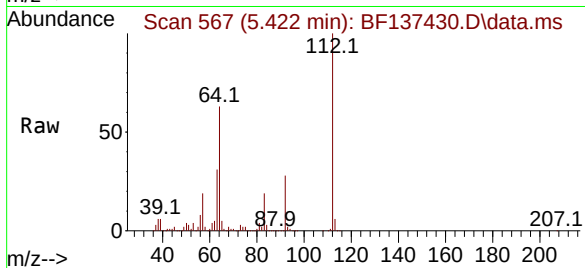
ClientSampleId :

VNJ-232MSD

Tgt Ion:112 Resp: 1301860
Ion Ratio Lower Upper
112 100
64 63.2 51.0 76.6
63 30.6 25.7 38.5

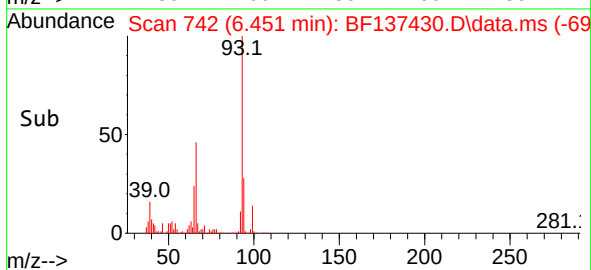
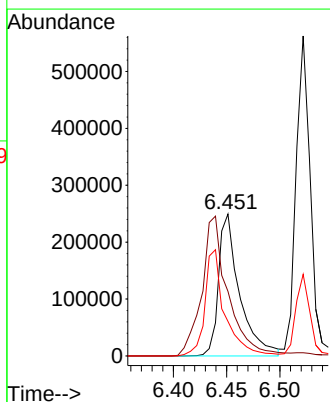
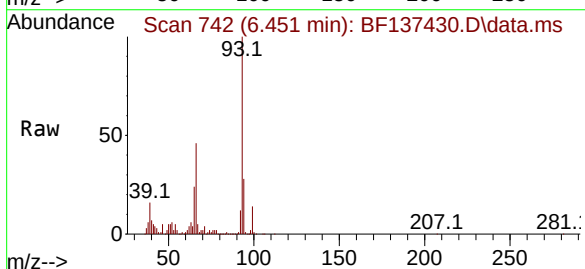
Manual Integrations
APPROVED

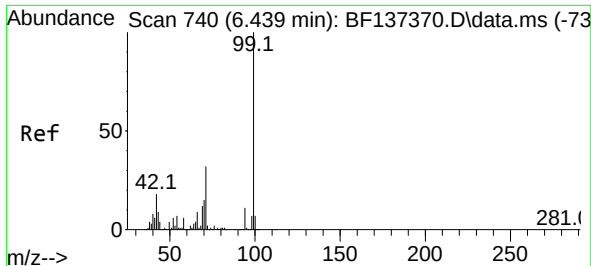
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#6
Aniline
Concen: 22.279 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

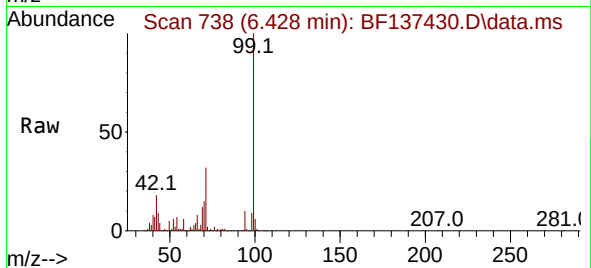
Tgt Ion: 93 Resp: 343285
Ion Ratio Lower Upper
93 100
66 45.6 33.0 49.4
65 24.4 17.0 25.6





#7
Phenol-d6
Concen: 128.364 ng
RT: 6.428 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

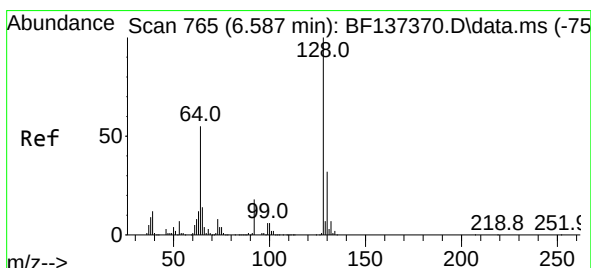
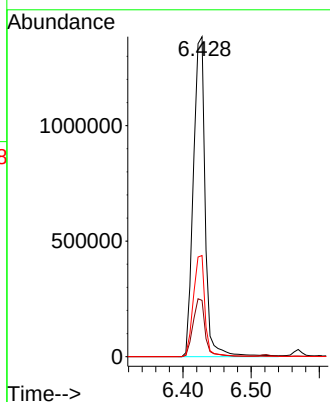
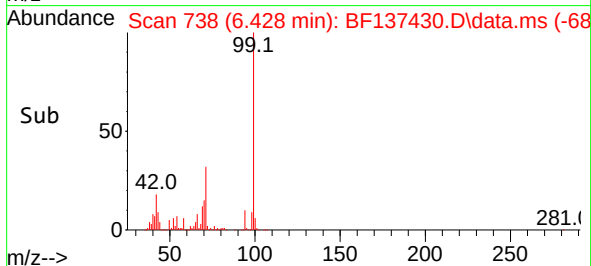
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



Tgt Ion: 99 Resp: 166786
Ion Ratio Lower Upper
99 100
42 17.6 14.2 21.4
71 31.6 25.2 37.8

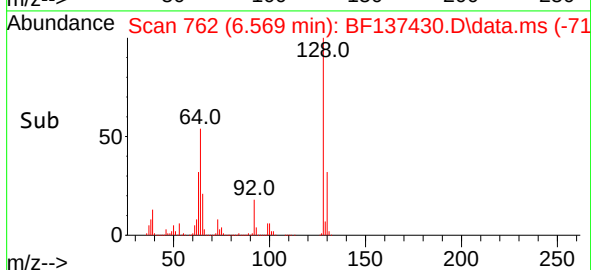
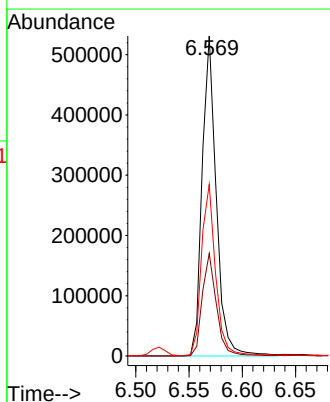
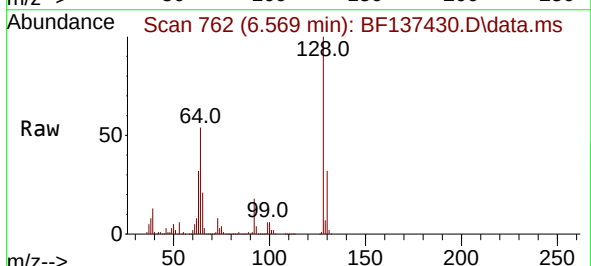
Manual Integrations
APPROVED

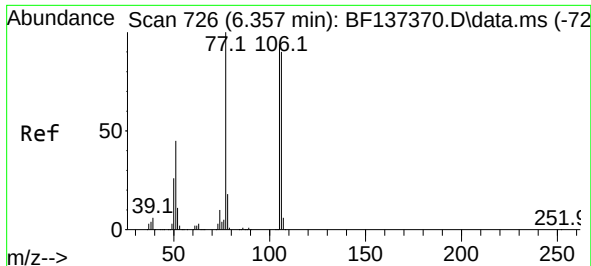
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#8
2-Chlorophenol
Concen: 51.883 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

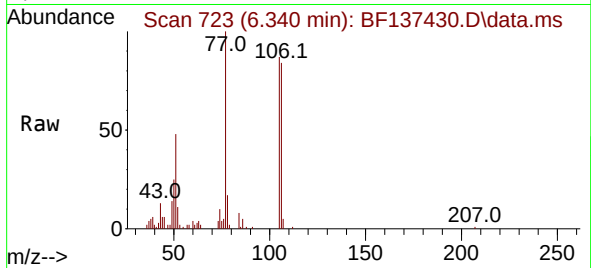
Tgt Ion:128 Resp: 491524
Ion Ratio Lower Upper
128 100
130 32.1 12.1 52.1
64 53.6 35.3 75.3





#9
Benzaldehyde
Concen: 4.493 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

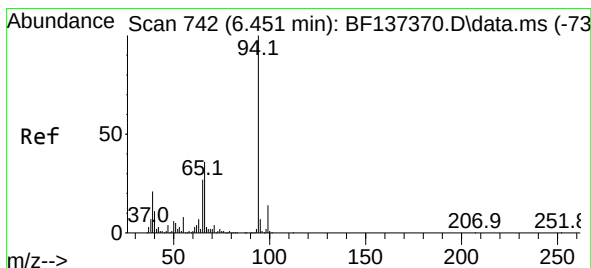
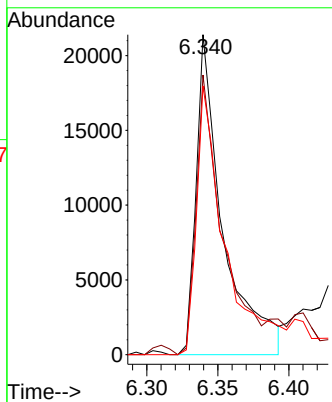
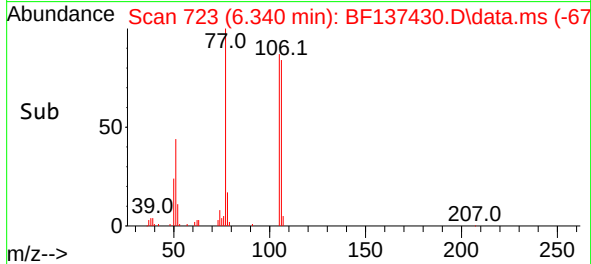
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



Tgt Ion: 77 Resp: 28104
Ion Ratio Lower Upper
77 100
105 87.4 74.1 114.1
106 84.0 70.2 110.2

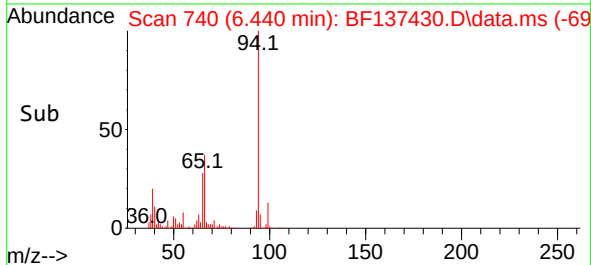
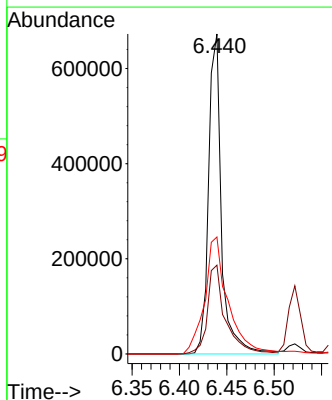
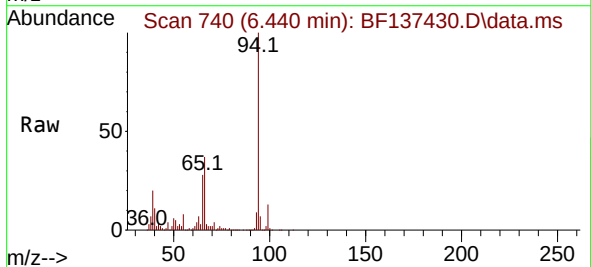
Manual Integrations
APPROVED

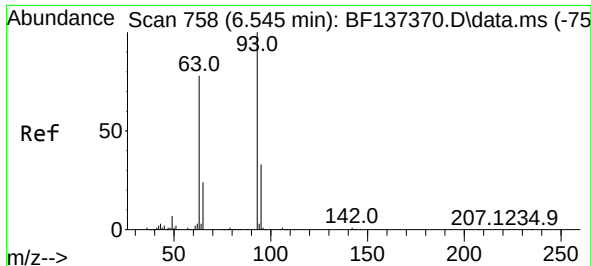
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#10
Phenol
Concen: 44.748 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

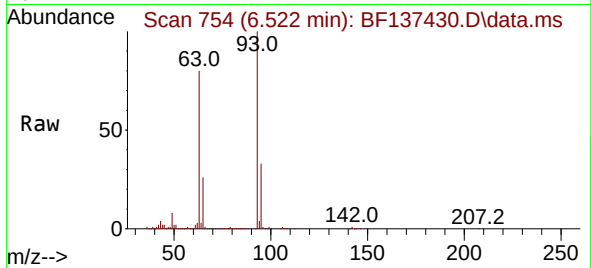
Tgt Ion: 94 Resp: 636327
Ion Ratio Lower Upper
94 100
65 27.8 7.4 47.4
66 36.5 15.6 55.6





#11
bis(2-Chloroethyl)ether
Concen: 48.710 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.023 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

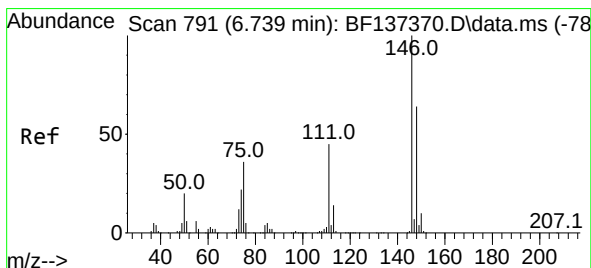
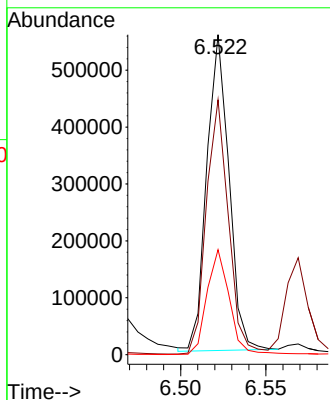
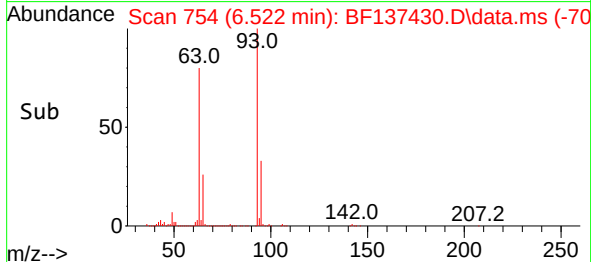
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



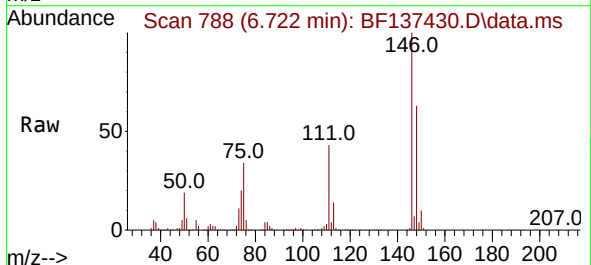
Tgt Ion: 93 Resp: 503319
Ion Ratio Lower Upper
93 100
63 79.6 56.1 96.1
95 32.8 12.7 52.7

Manual Integrations
APPROVED

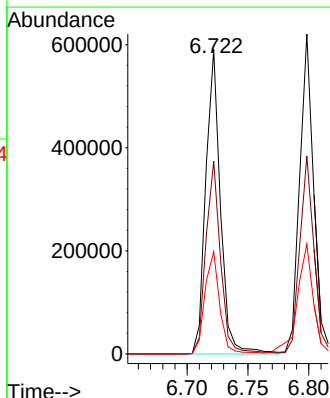
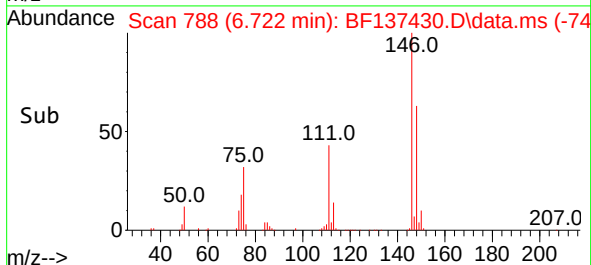
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

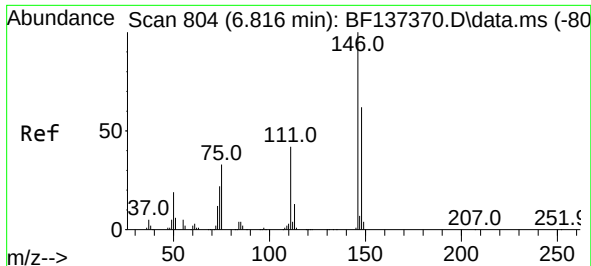


#12
1,3-Dichlorobenzene
Concen: 48.543 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51



Tgt Ion:146 Resp: 493859
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
75 33.6 28.5 42.7





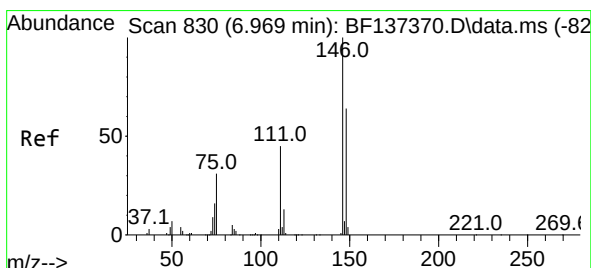
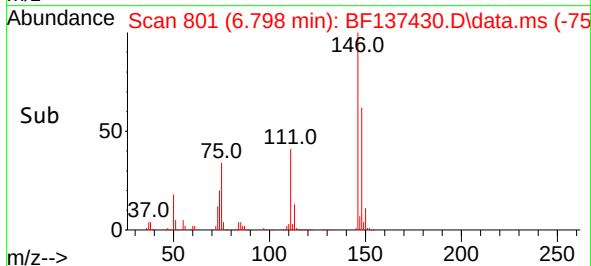
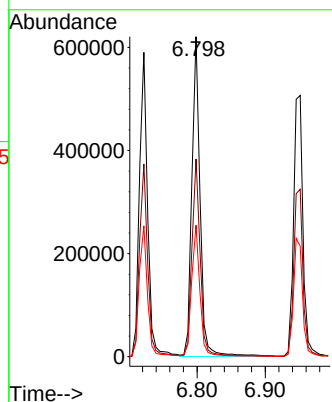
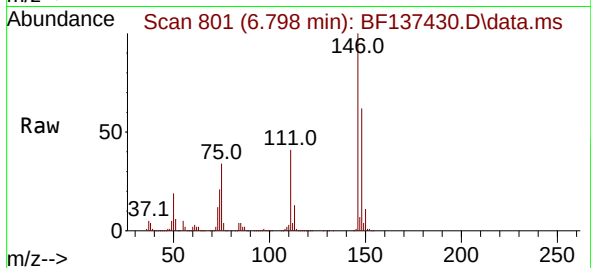
#13
1,4-Dichlorobenzene
Concen: 49.375 ng
RT: 6.798 min Scan# 804
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

Tgt Ion:146 Resp: 517184
Ion Ratio Lower Upper
146 100
148 61.8 49.9 74.9
111 41.1 34.3 51.5

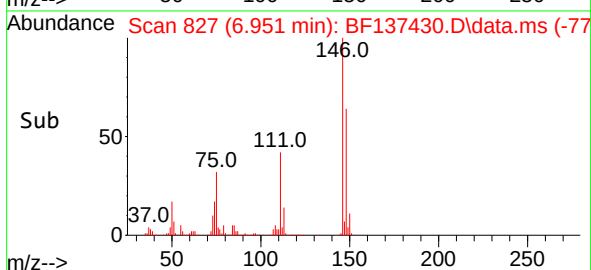
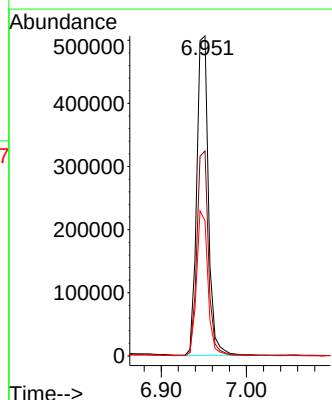
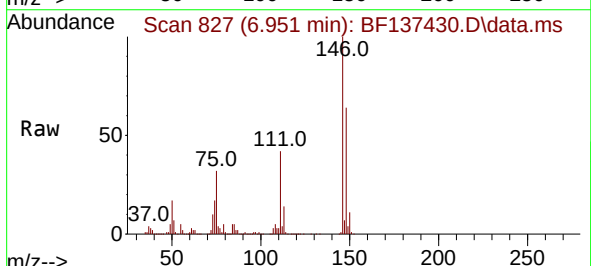
Manual Integrations
APPROVED

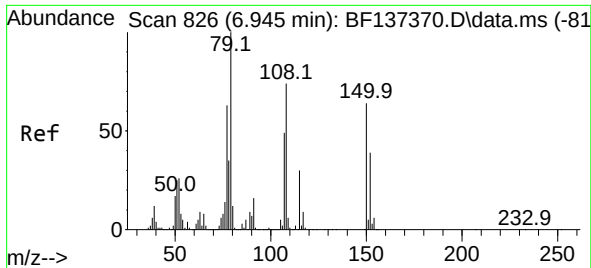
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#14
1,2-Dichlorobenzene
Concen: 49.675 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

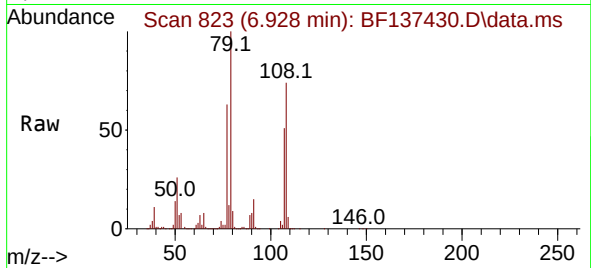
Tgt Ion:146 Resp: 481284
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
111 42.3 36.6 54.8





#15
Benzyl Alcohol
Concen: 58.253 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

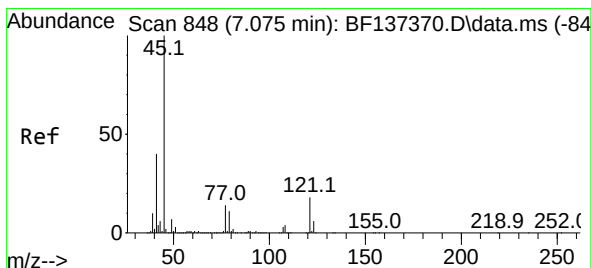
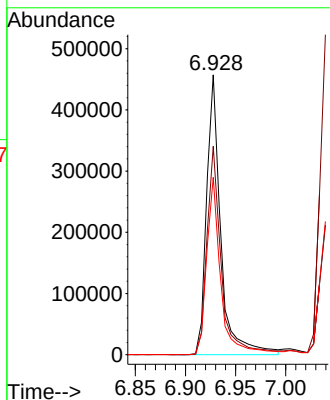
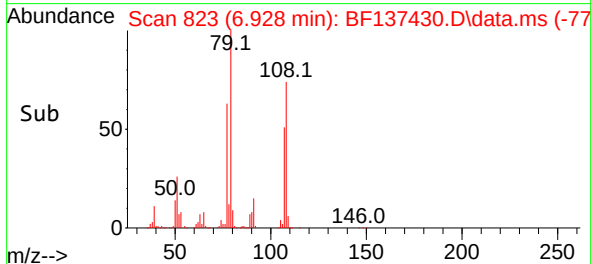
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



Tgt Ion: 79 Resp: 45118
Ion Ratio Lower Upper
79 100
108 74.5 59.5 89.3
77 63.3 50.5 75.7

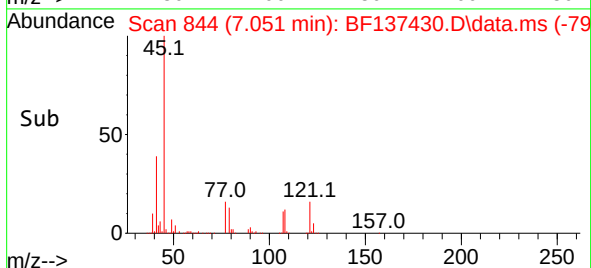
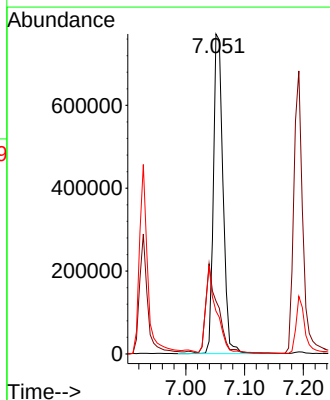
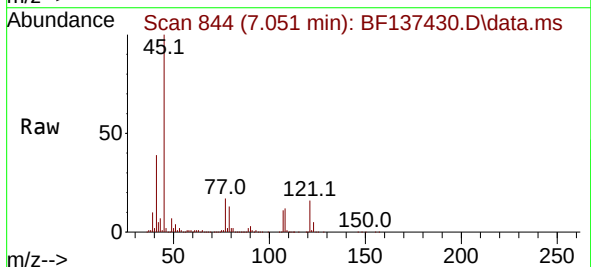
Manual Integrations
APPROVED

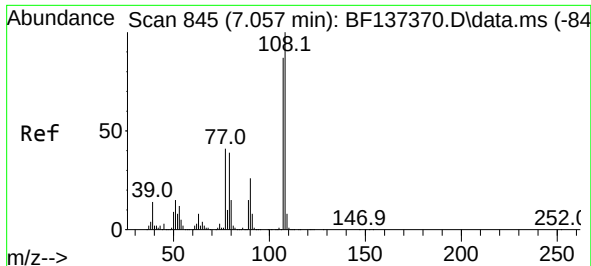
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.948 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.024 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

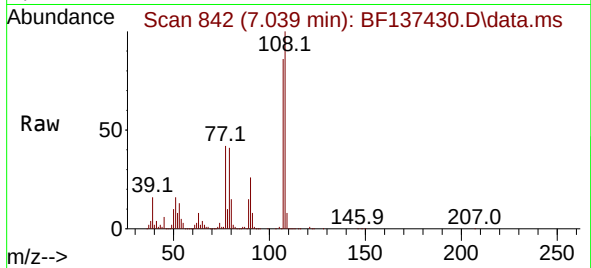
Tgt Ion: 45 Resp: 875030
Ion Ratio Lower Upper
45 100
77 16.6 0.0 34.6
79 13.4 0.0 31.6





#17
2-Methylphenol
Concen: 45.192 ng
RT: 7.039 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

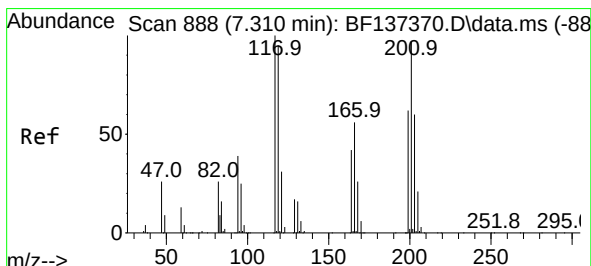
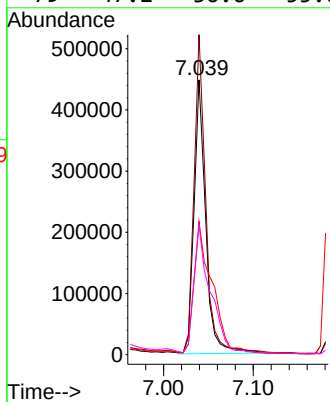
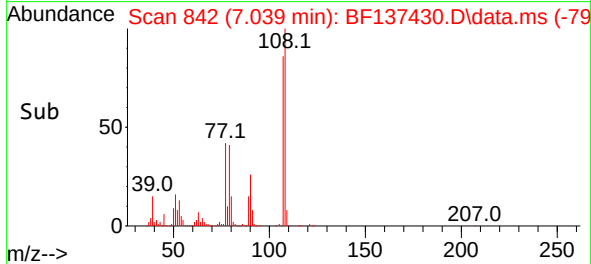
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



Tgt Ion:107 Resp: 405084
Ion Ratio Lower Upper
107 100
108 116.4 92.2 138.4
77 48.5 38.1 57.1
79 47.2 36.6 55.0

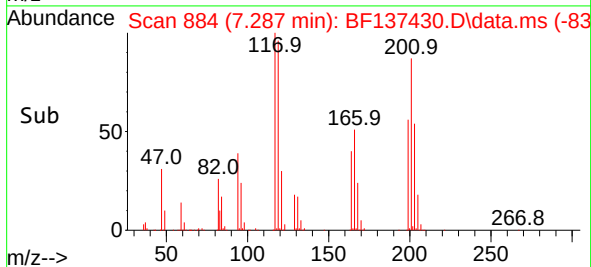
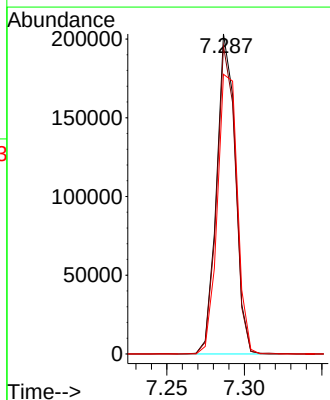
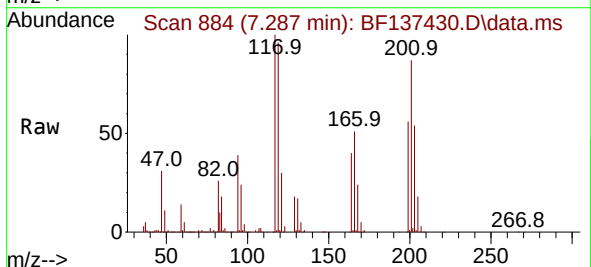
Manual Integrations
APPROVED

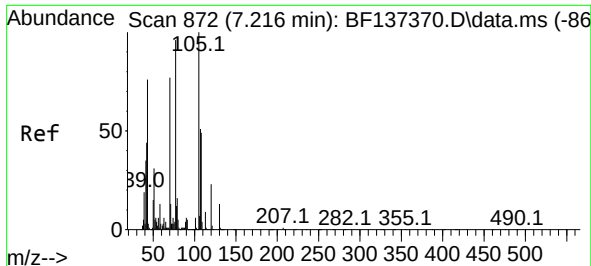
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#18
Hexachloroethane
Concen: 47.541 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.023 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion:117 Resp: 171595
Ion Ratio Lower Upper
117 100
119 96.3 76.2 114.4
201 87.4 77.6 116.4





#19
n-Nitroso-di-n-propylamine
Concen: 49.991 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

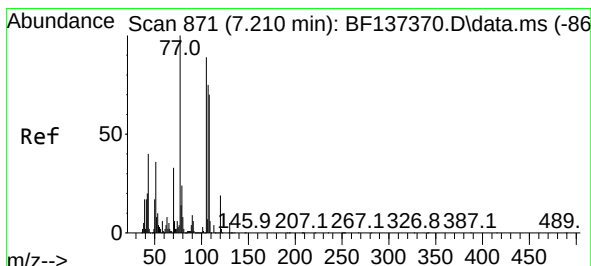
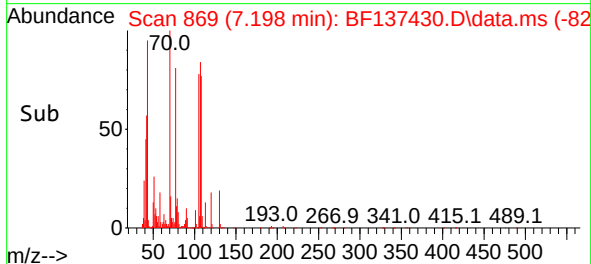
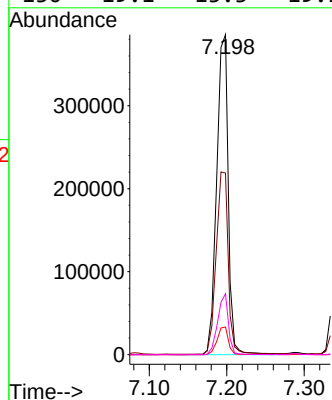
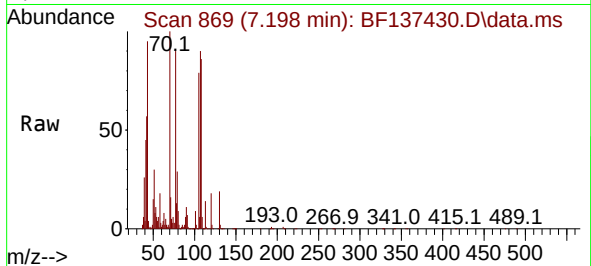
VNJ-232MSD

Tgt Ion: 70 Resp: 400268
Ion Ratio Lower Upper
70 100
42 56.7 45.3 67.9
101 8.7 6.5 9.7
130 19.1 13.3 19.9

Manual Integrations

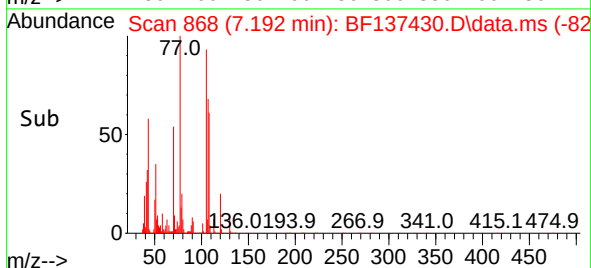
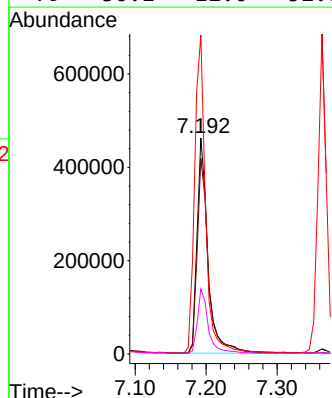
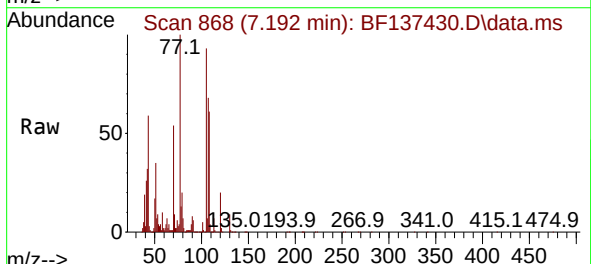
APPROVED

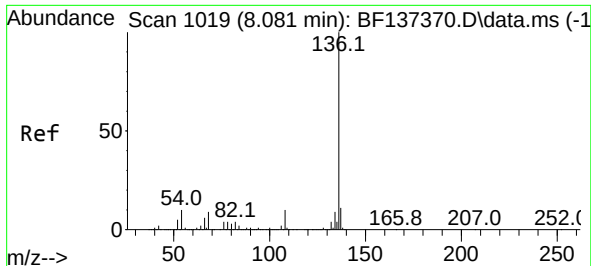
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#20
3+4-Methylphenols
Concen: 48.750 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion:107 Resp: 498066
Ion Ratio Lower Upper
107 100
108 90.6 73.1 113.1
77 147.6 113.6 153.6
79 30.1 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

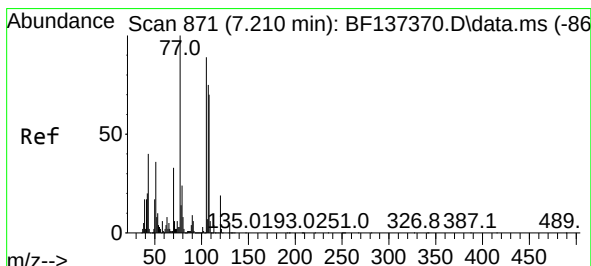
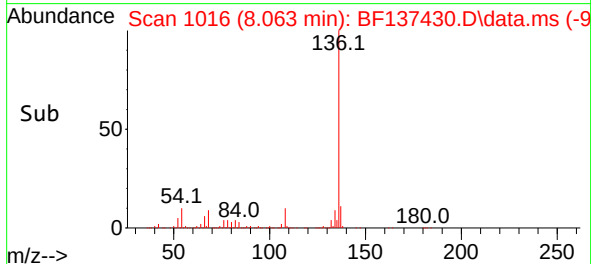
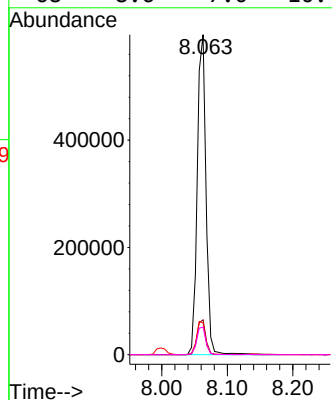
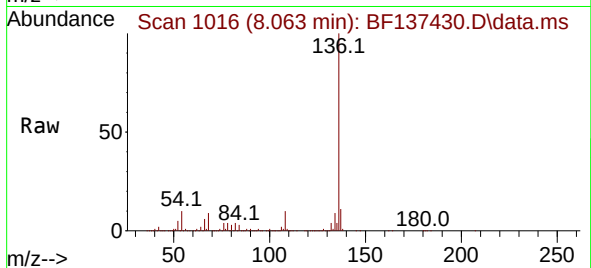
VNJ-232MSD

Tgt Ion:136 Resp: 556319
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 10.0 7.8 11.6
68 8.6 7.0 10.4

Manual Integrations

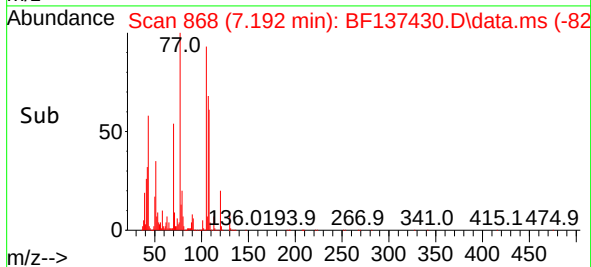
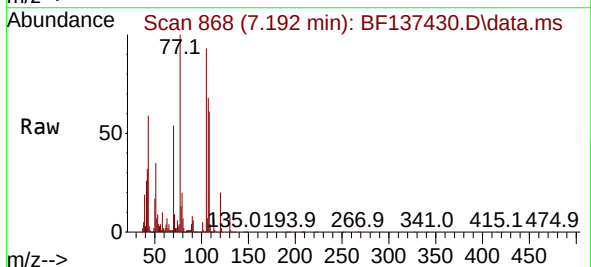
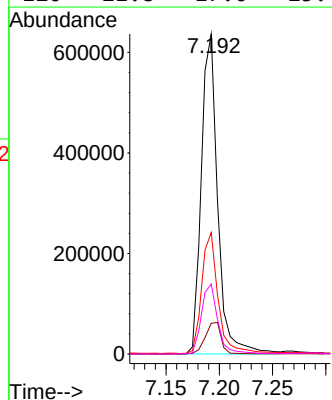
APPROVED

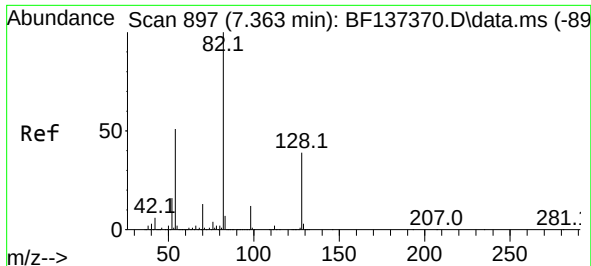
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#22
Acetophenone
Concen: 50.691 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion:105 Resp: 683829
Ion Ratio Lower Upper
105 100
71 9.6 5.0 7.6#
51 37.9 32.2 48.4
120 21.8 17.0 25.4





#23

Nitrobenzene-d5

Concen: 101.901 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

Tgt Ion: 82 Resp: 113550

Ion Ratio Lower Upper

82 100

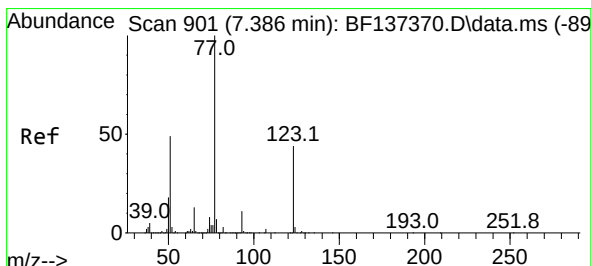
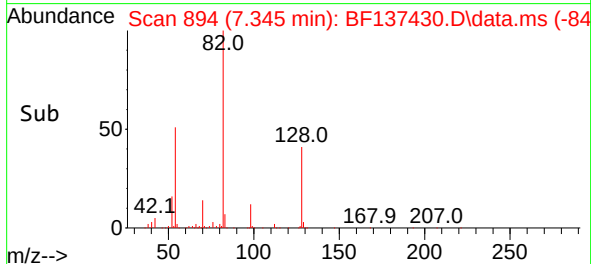
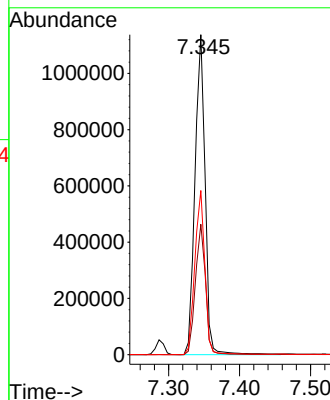
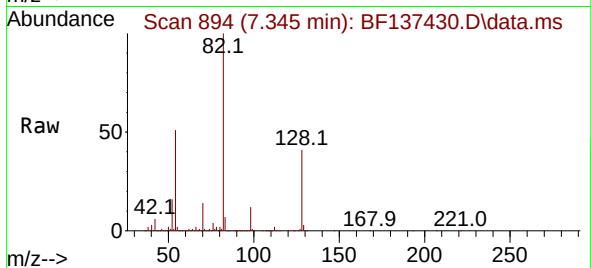
128 40.8 30.8 46.2

54 51.3 40.8 61.2

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 52.064 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.023 min

Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

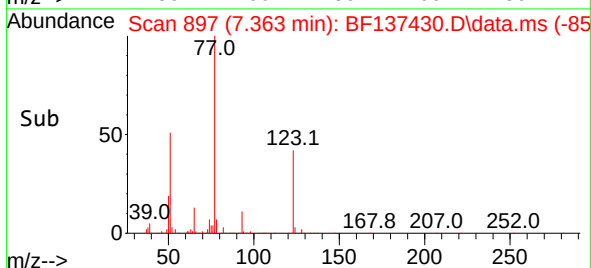
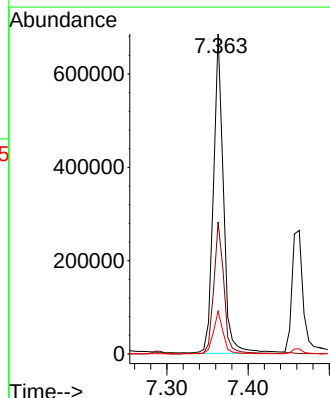
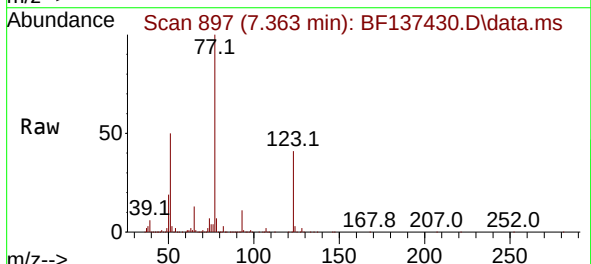
Tgt Ion: 77 Resp: 589507

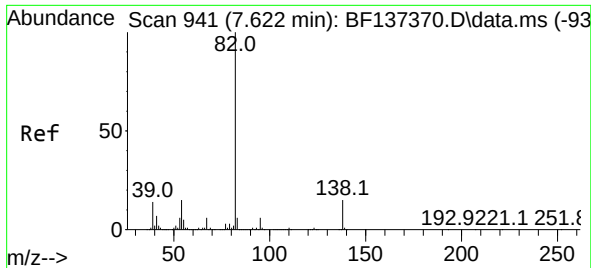
Ion Ratio Lower Upper

77 100

123 41.2 35.4 53.0

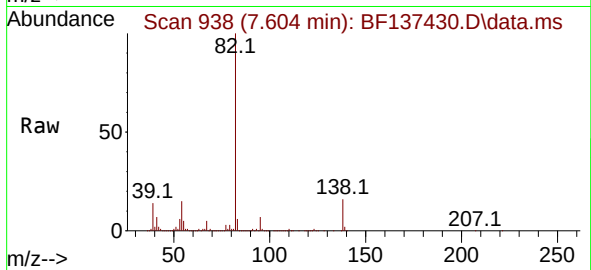
65 13.3 10.3 15.5





#25
Isophorone
Concen: 50.691 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

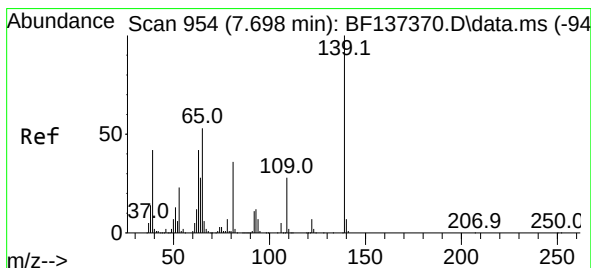
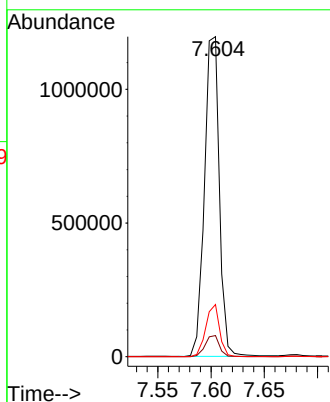
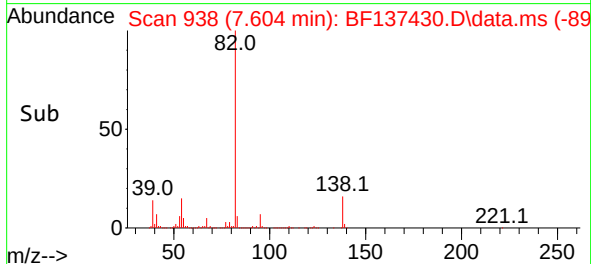
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



Tgt Ion: 82 Resp: 116813
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 16.3 12.2 18.4

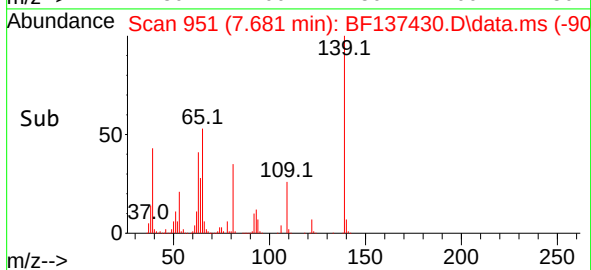
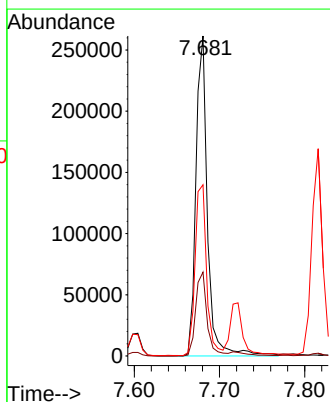
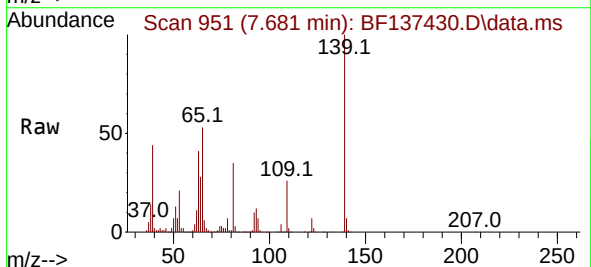
Manual Integrations
APPROVED

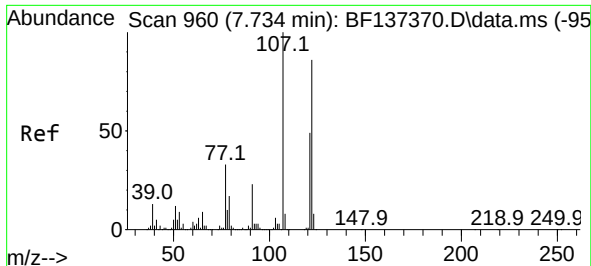
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#26
2-Nitrophenol
Concen: 56.356 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.017 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion:139 Resp: 246156
Ion Ratio Lower Upper
139 100
109 26.2 22.5 33.7
65 53.5 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 45.956 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

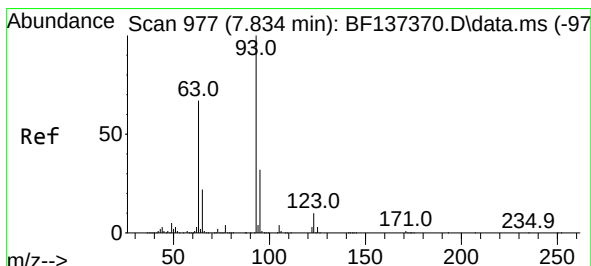
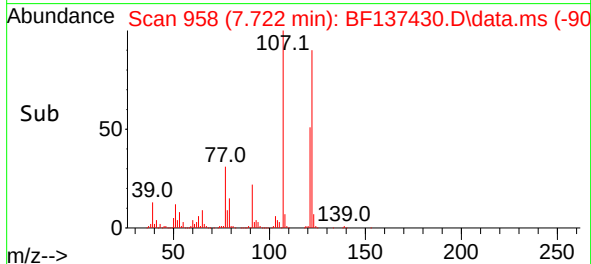
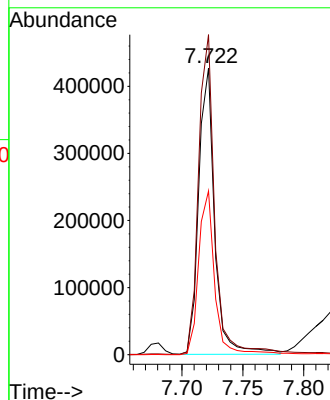
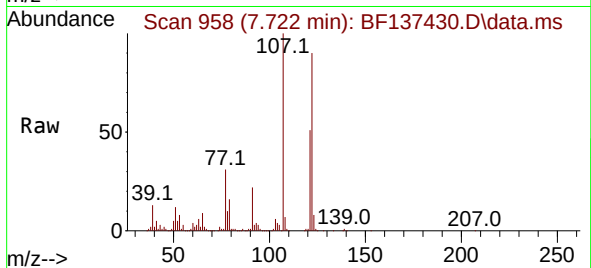
VNJ-232MSD

Tgt Ion:	122	Resp:	38947
Ion Ratio	Lower	Upper	
122	100		
107	111.7	92.7	139.1
121	57.1	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: 51.703 ng

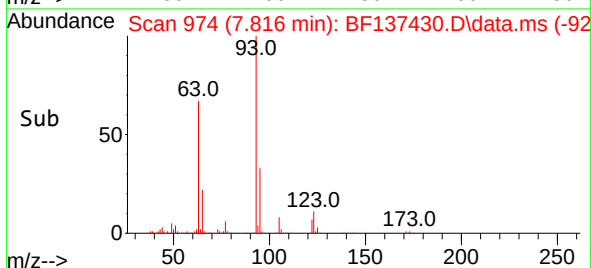
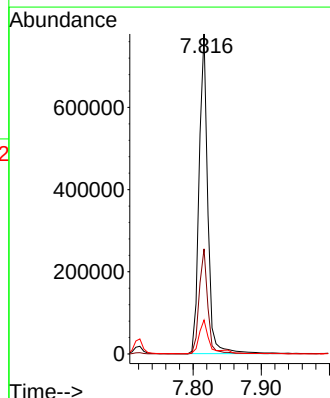
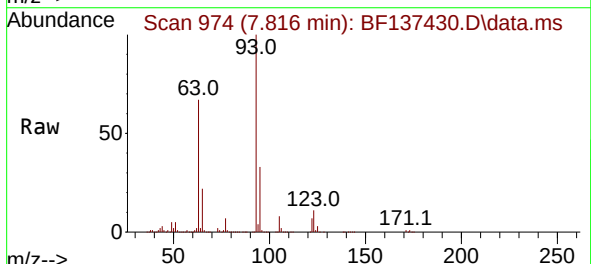
RT: 7.816 min Scan# 974

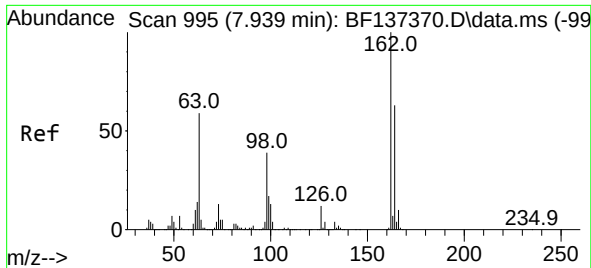
Delta R.T. -0.018 min

Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

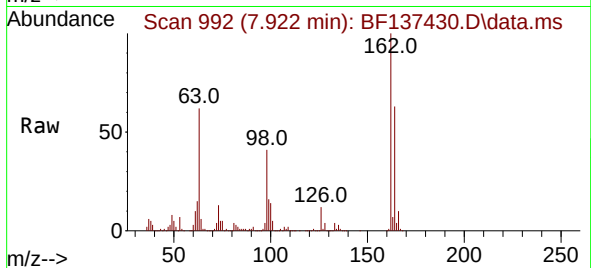
Tgt Ion:	93	Resp:	686737
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.9	38.9
123	10.6	8.2	12.4





#29
2,4-Dichlorophenol
Concen: 54.558 ng
RT: 7.922 min Scan# 995
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

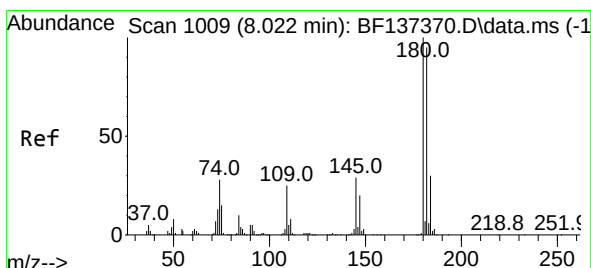
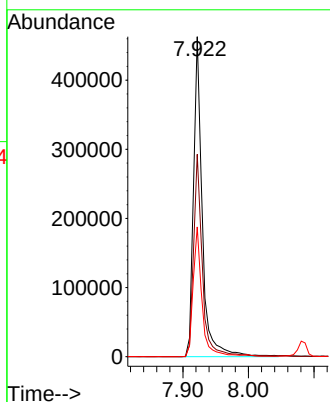
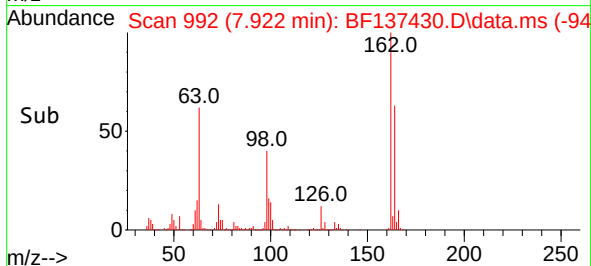
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



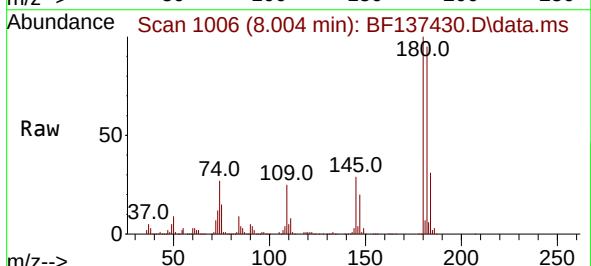
Tgt Ion:162 Resp: 433359
Ion Ratio Lower Upper
162 100
164 63.3 43.1 83.1
98 40.5 19.0 59.0

Manual Integrations
APPROVED

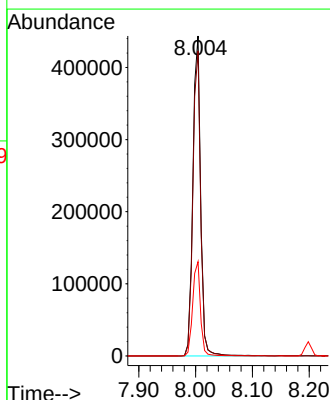
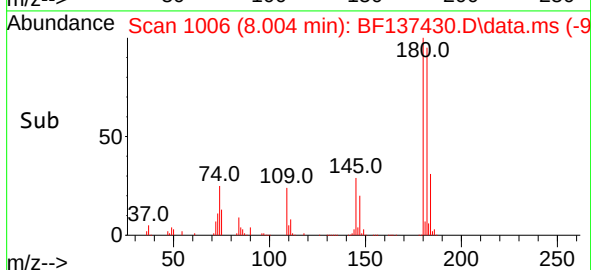
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

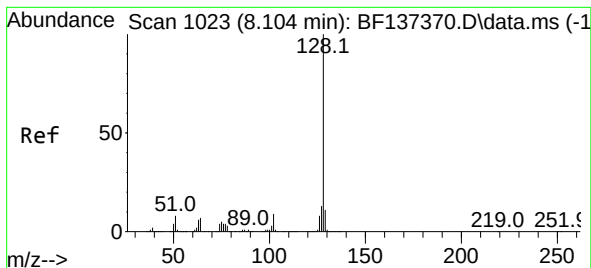


#30
1,2,4-Trichlorobenzene
Concen: 49.640 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51



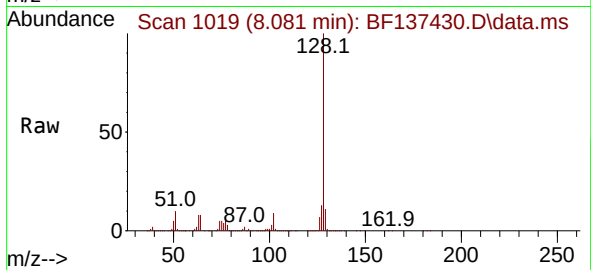
Tgt Ion:180 Resp: 423227
Ion Ratio Lower Upper
180 100
182 95.4 75.8 113.6
145 29.5 23.4 35.0





#31
Naphthalene
Concen: 48.298 ng
RT: 8.081 min Scan# 1023
Delta R.T. -0.023 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

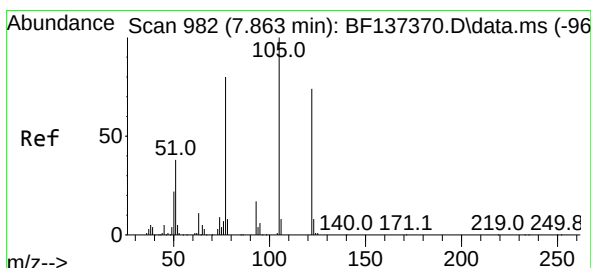
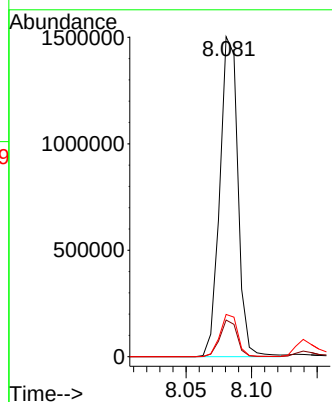
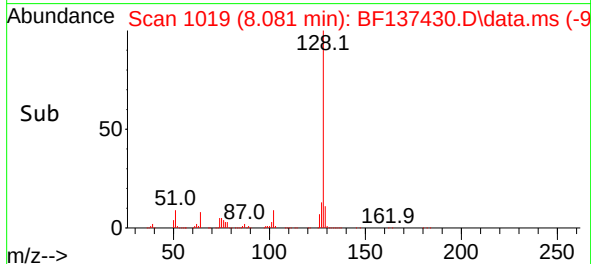
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



Tgt Ion:128 Resp: 1441940
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.2 10.6 16.0

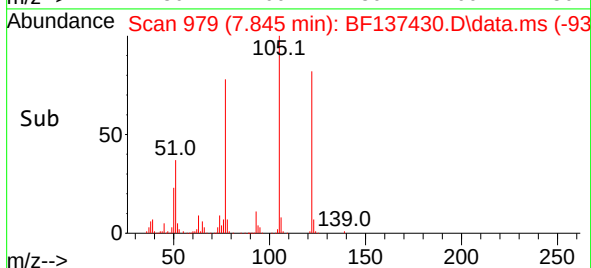
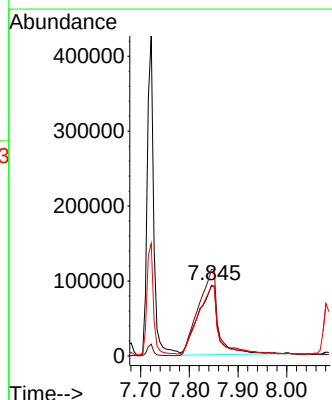
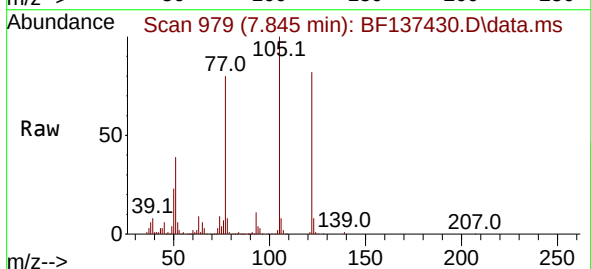
Manual Integrations
APPROVED

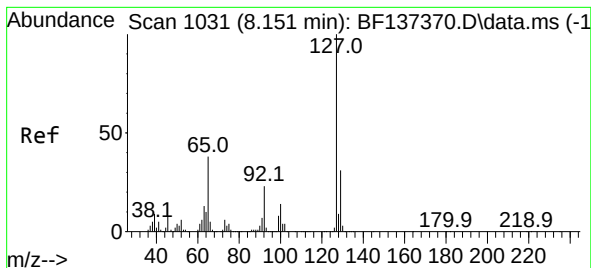
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#32
Benzoic acid
Concen: 51.395 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion:122 Resp: 269509
Ion Ratio Lower Upper
122 100
105 122.5 101.1 141.1
77 98.4 82.8 122.8





#33

4-Chloroaniline

Concen: 11.411 ng

RT: 8.139 min Scan# 1031

Delta R.T. -0.012 min

Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

Tgt Ion:127 Resp: 129569

Ion Ratio Lower Upper

127 100

129 32.2 25.0 37.6

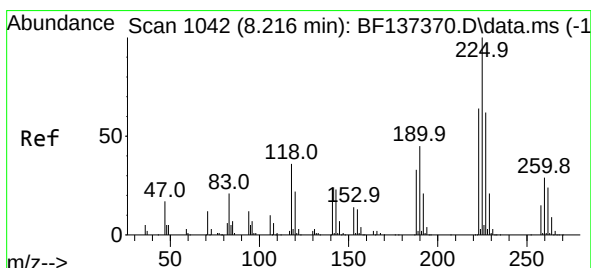
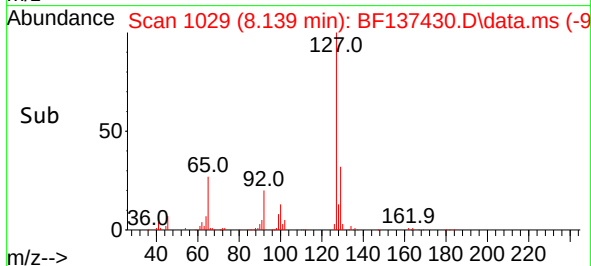
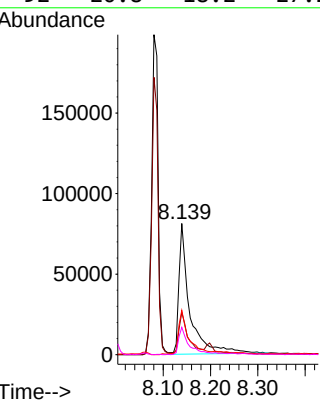
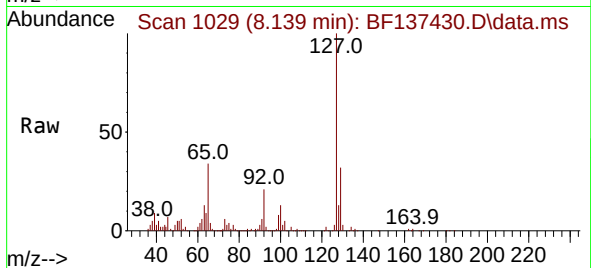
65 33.8 30.4 45.6

92 20.8 18.2 27.2

Manual Integrations

APPROVED

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



#34

Hexachlorobutadiene

Concen: 47.722 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.018 min

Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

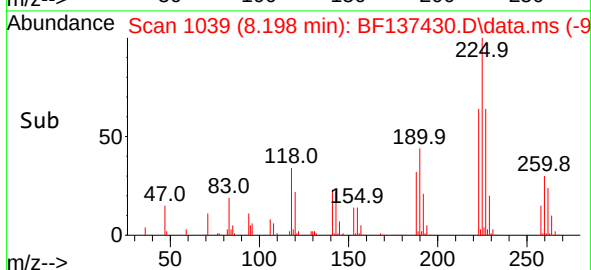
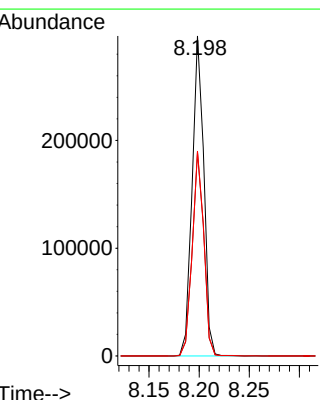
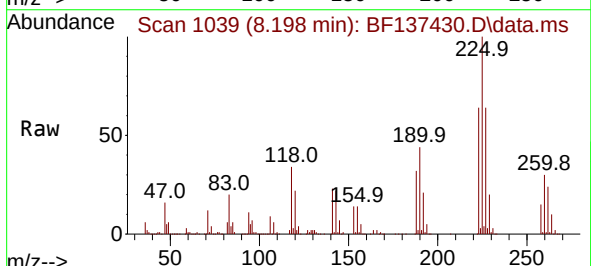
Tgt Ion:225 Resp: 241709

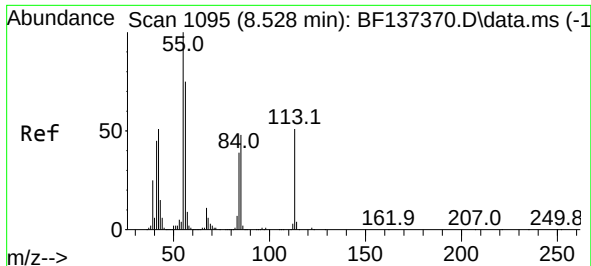
Ion Ratio Lower Upper

225 100

223 63.7 51.4 77.0

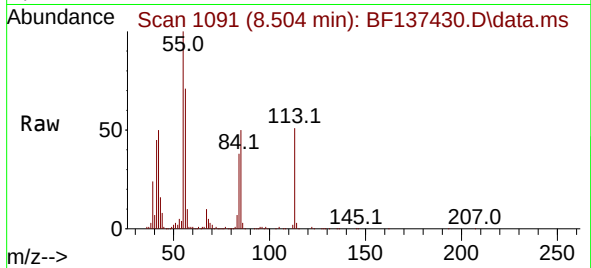
227 64.1 49.8 74.6





#35
Caprolactam
Concen: 63.577 ng m
RT: 8.504 min Scan# 1095
Delta R.T. -0.024 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

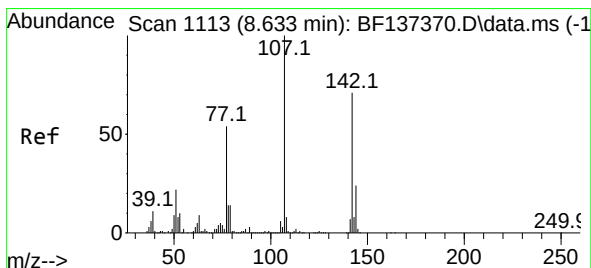
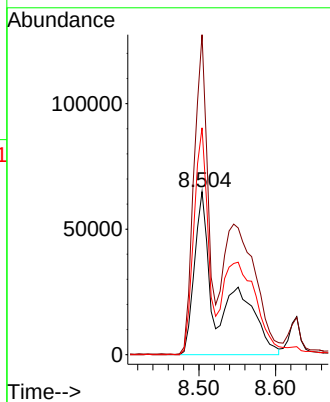
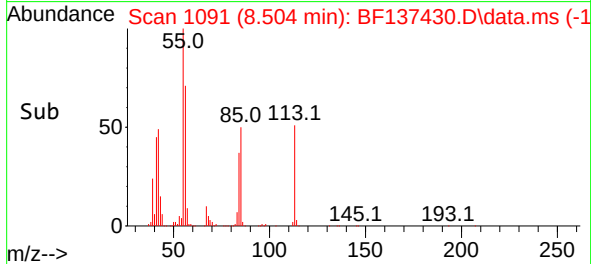
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



Tgt Ion:113 Resp: 15617
Ion Ratio Lower Upper
113 100
55 196.3 176.3 216.3
56 139.2 127.6 167.6

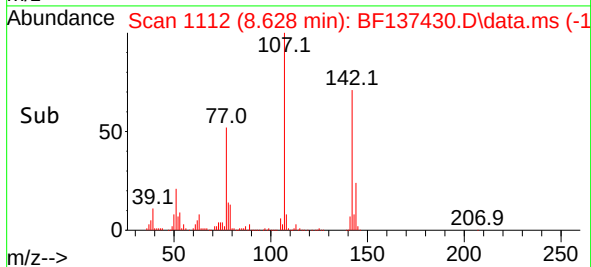
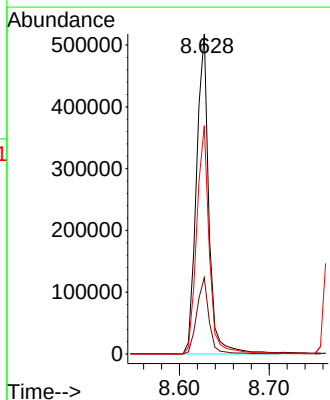
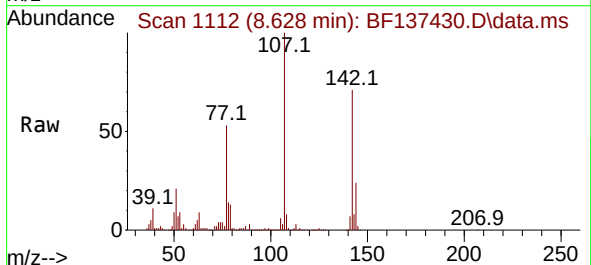
Manual Integrations
APPROVED

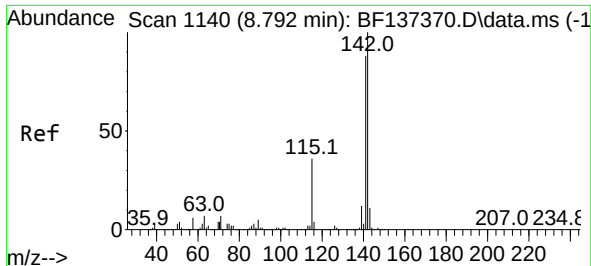
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#36
4-Chloro-3-methylphenol
Concen: 55.345 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion:107 Resp: 498390
Ion Ratio Lower Upper
107 100
144 23.8 18.9 28.3
142 71.4 56.6 85.0





#37

2-Methylnaphthalene

Concen: 48.689 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.018 min

Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

Tgt Ion:142 Resp: 93666

Ion Ratio Lower Upper

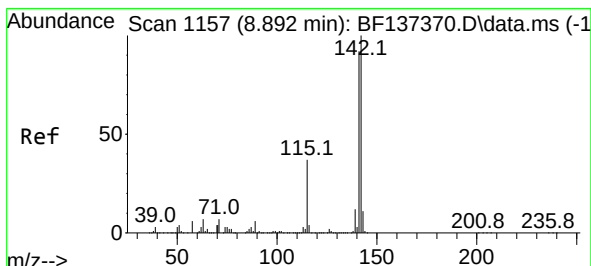
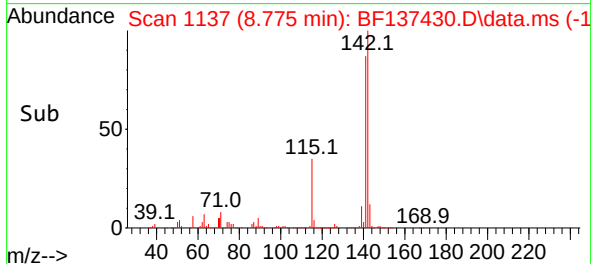
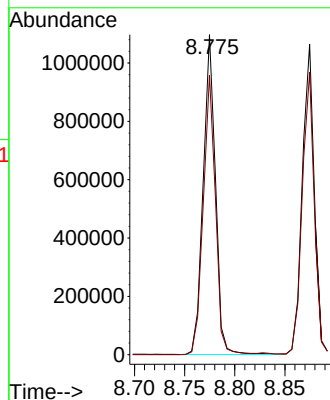
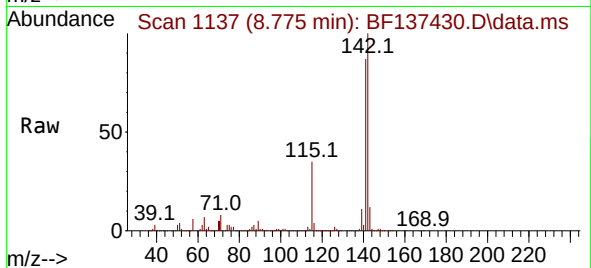
142 100

141 87.4 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: 48.771 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.018 min

Lab File: BF137430.D

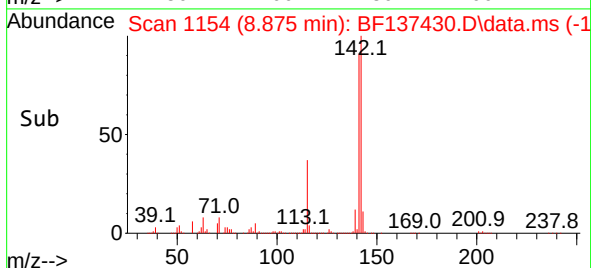
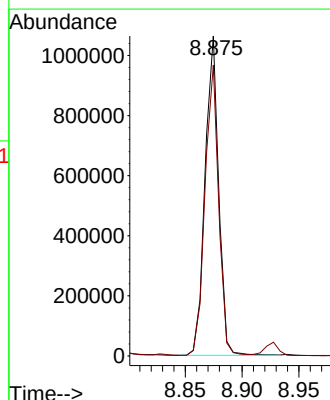
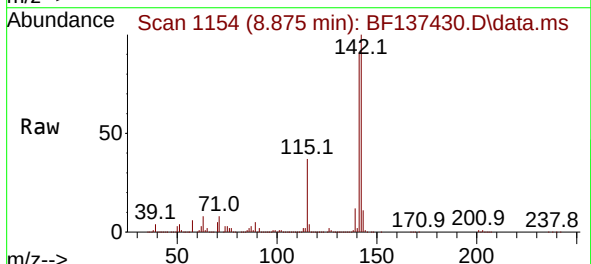
Acq: 28 Feb 2024 18:51

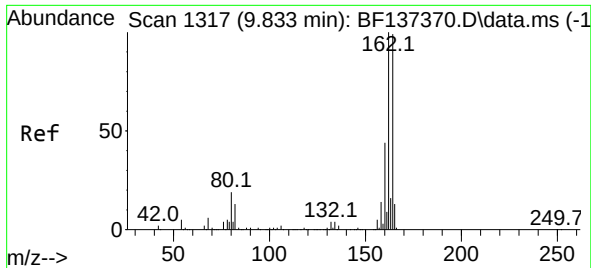
Tgt Ion:142 Resp: 887081

Ion Ratio Lower Upper

142 100

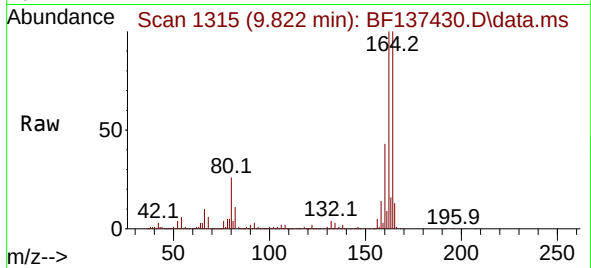
141 90.9 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

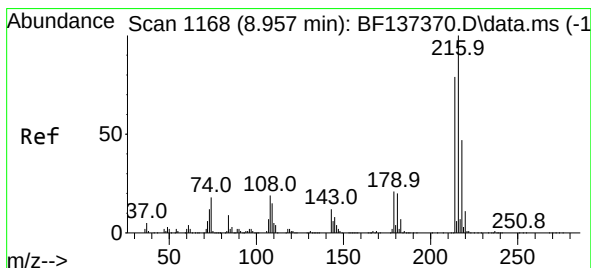
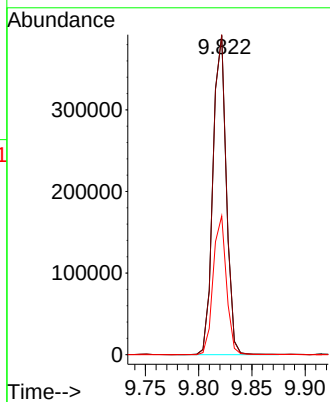
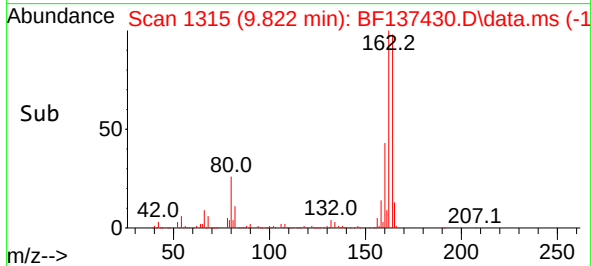
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



Tgt Ion:164 Resp: 340579
Ion Ratio Lower Upper
164 100
162 100.3 81.2 121.8
160 43.5 35.7 53.5

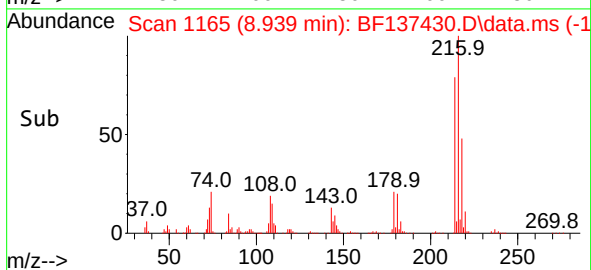
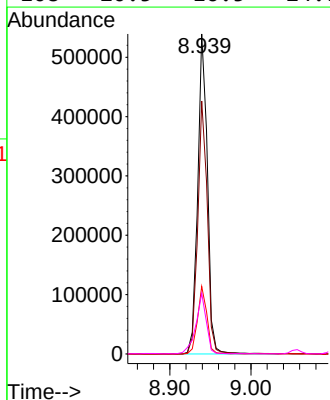
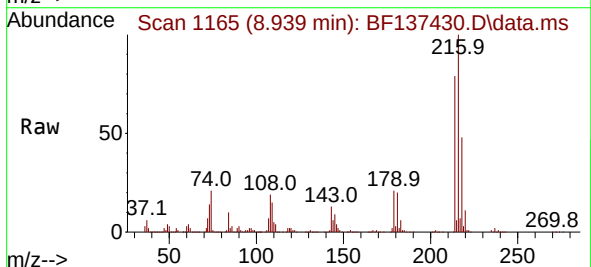
Manual Integrations
APPROVED

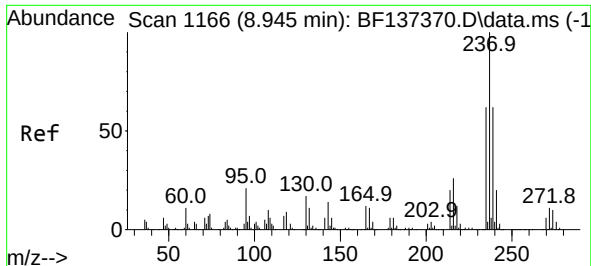
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.939 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

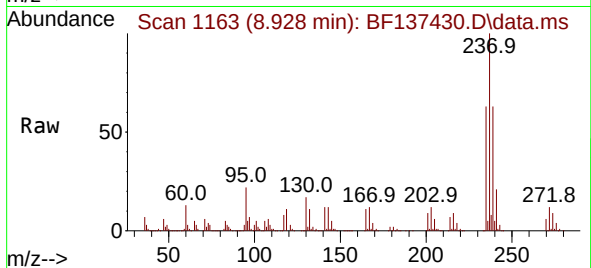
Tgt Ion:216 Resp: 449689
Ion Ratio Lower Upper
216 100
214 78.7 62.3 93.5
179 20.6 16.5 24.7
108 20.5 16.5 24.7





#41
Hexachlorocyclopentadiene
Concen: 69.057 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.017 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

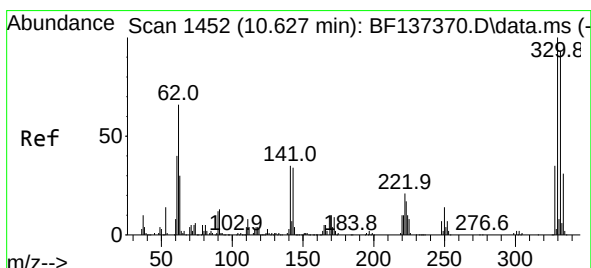
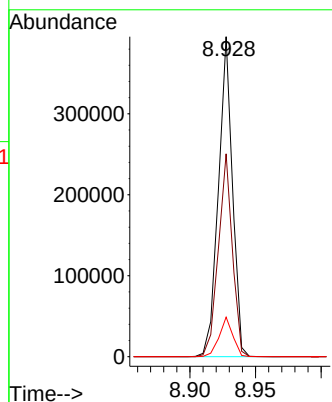
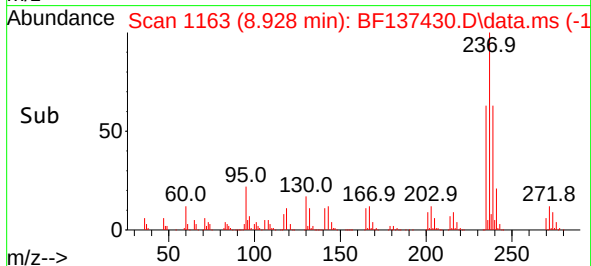
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



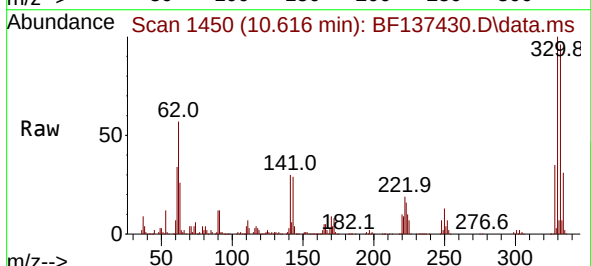
Tgt Ion:237 Resp: 29370
Ion Ratio Lower Upper
237 100
235 63.4 42.0 82.0
272 12.4 0.0 31.3

Manual Integrations
APPROVED

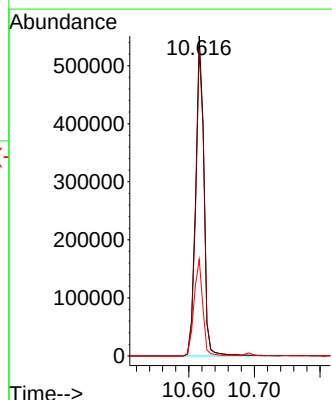
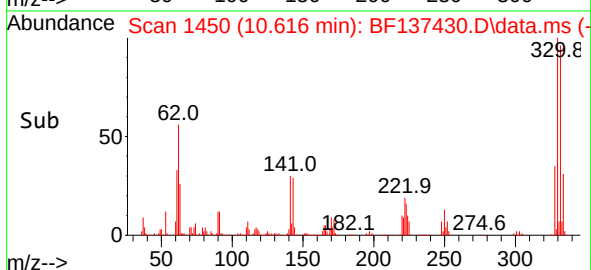
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

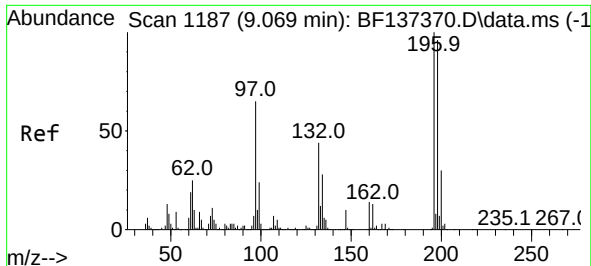


#42
2,4,6-Tribromophenol
Concen: 163.532 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51



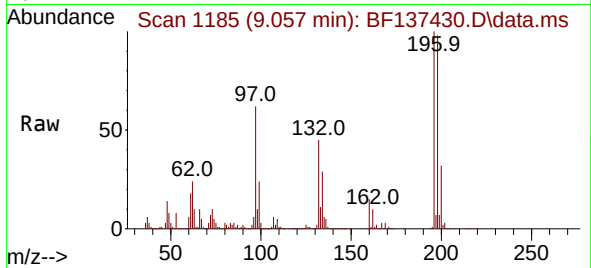
Tgt Ion:330 Resp: 484998
Ion Ratio Lower Upper
330 100
332 96.6 75.6 113.4
141 31.8 28.6 42.8





#43
2,4,6-Trichlorophenol
Concen: 52.020 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

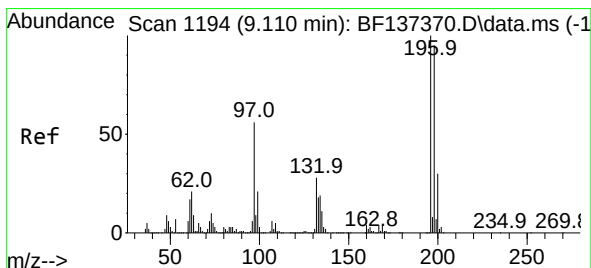
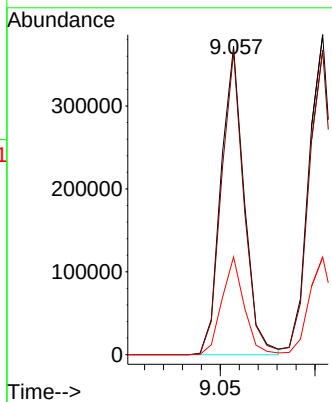
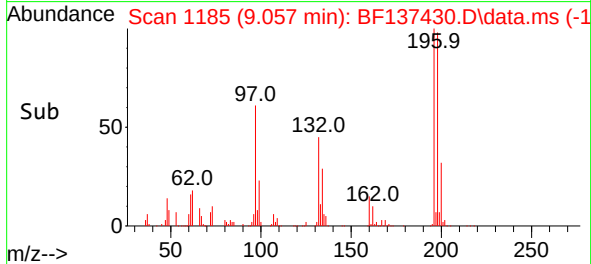
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



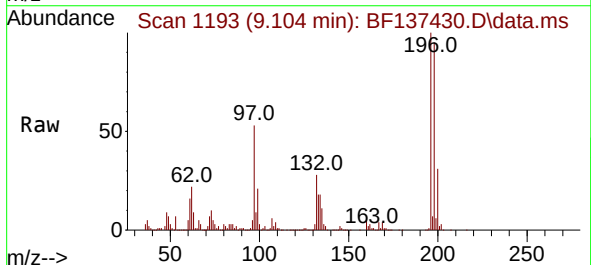
Tgt Ion:196 Resp: 316390
Ion Ratio Lower Upper
196 100
198 98.2 77.0 115.4
200 31.7 24.3 36.5

Manual Integrations
APPROVED

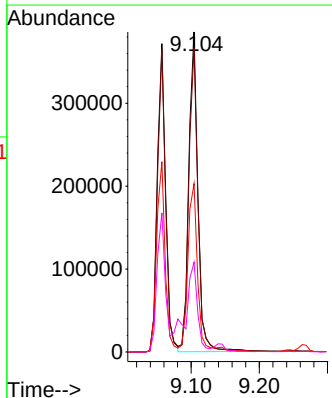
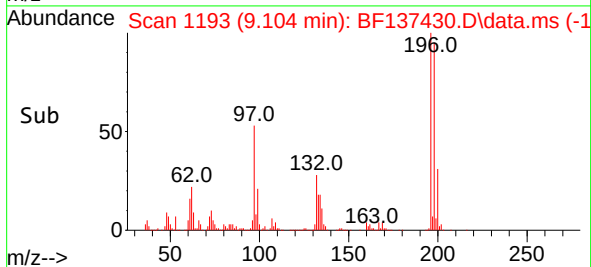
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

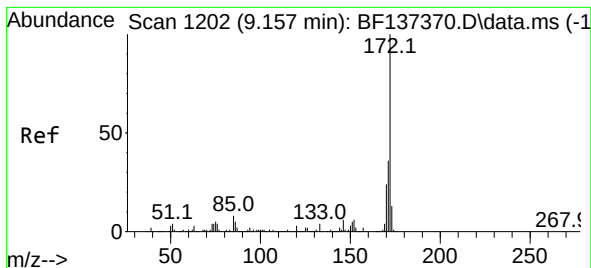


#44
2,4,5-Trichlorophenol
Concen: 51.130 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51



Tgt Ion:196 Resp: 356773
Ion Ratio Lower Upper
196 100
198 95.1 75.6 113.4
97 52.6 44.6 66.8
132 28.1 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 89.990 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

Tgt Ion:172 Resp: 196864

Ion Ratio Lower Upper

172 100

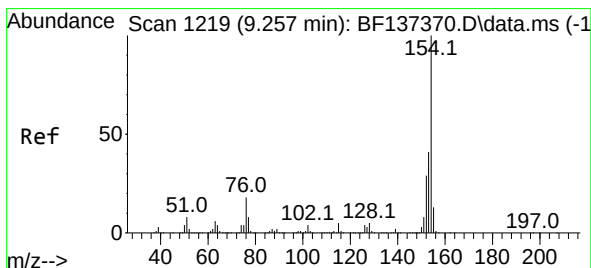
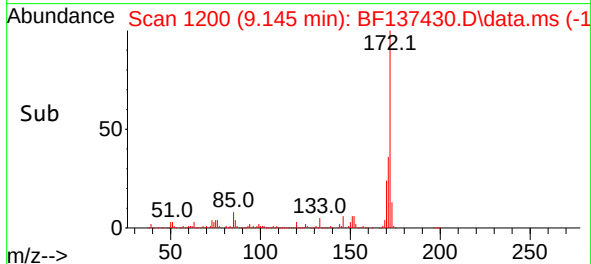
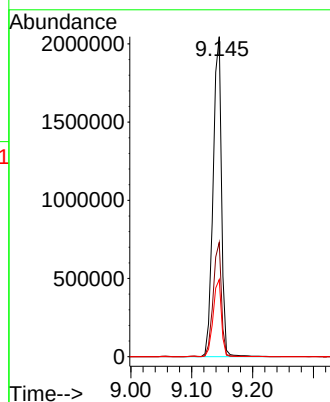
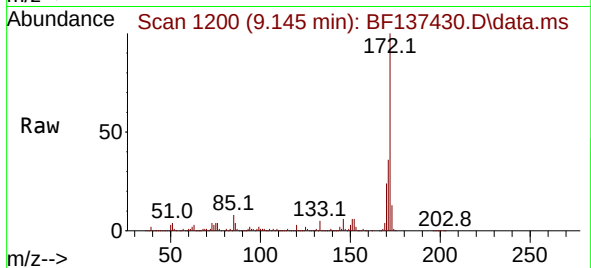
171 35.7 28.7 43.1

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: 48.421 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

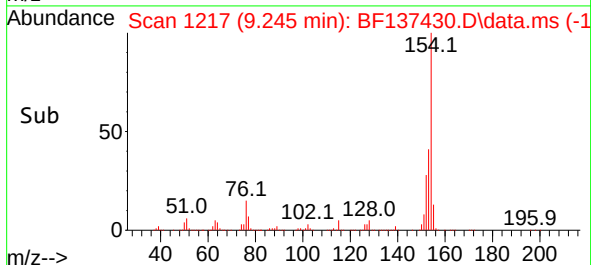
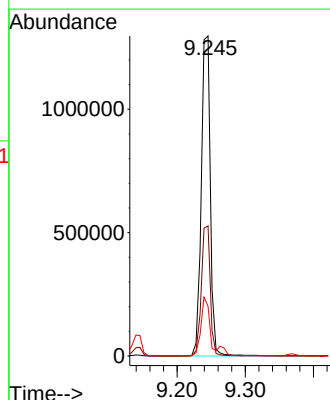
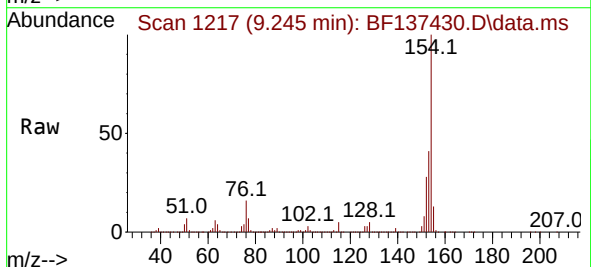
Tgt Ion:154 Resp: 1201114

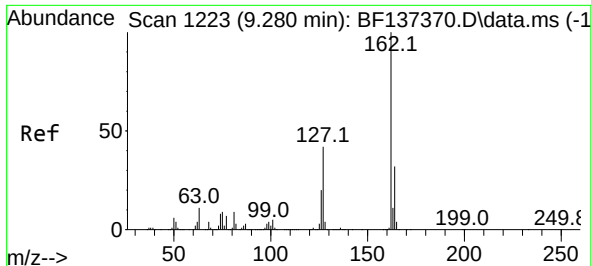
Ion Ratio Lower Upper

154 100

153 40.6 21.2 61.2

76 15.5 0.0 37.9





#47

2-Chloronaphthalene

Concen: 49.574 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

Tgt Ion:162 Resp: 92866

Ion Ratio Lower Upper

162 100

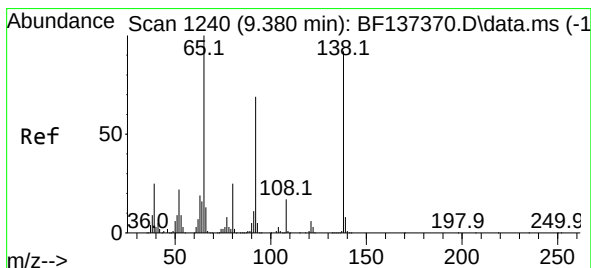
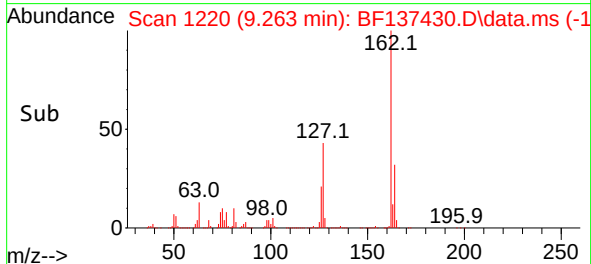
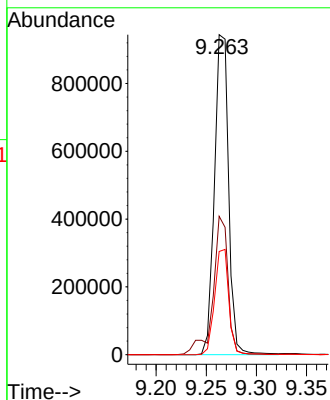
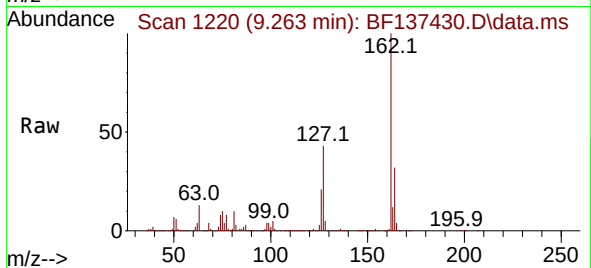
127 43.2 33.6 50.4

164 32.3 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: 59.684 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

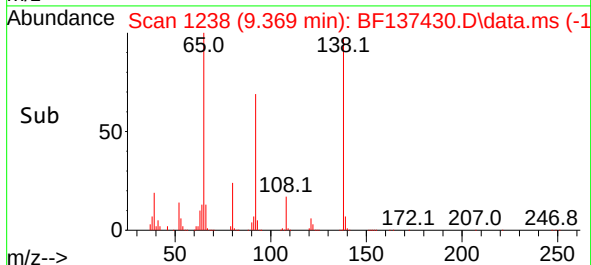
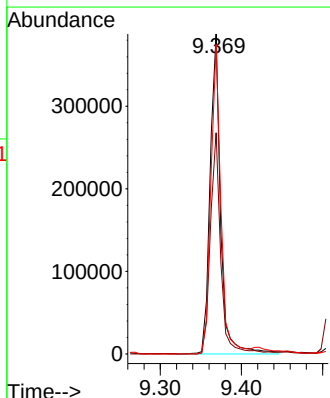
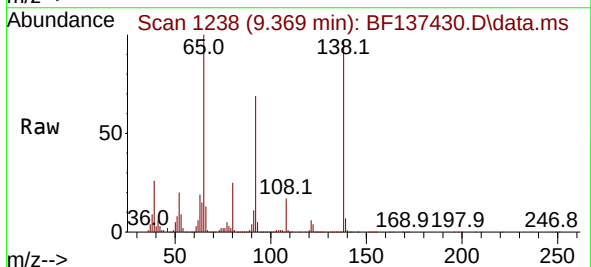
Tgt Ion: 65 Resp: 346021

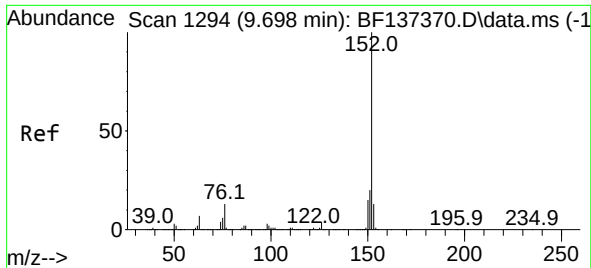
Ion Ratio Lower Upper

65 100

92 69.1 55.0 82.6

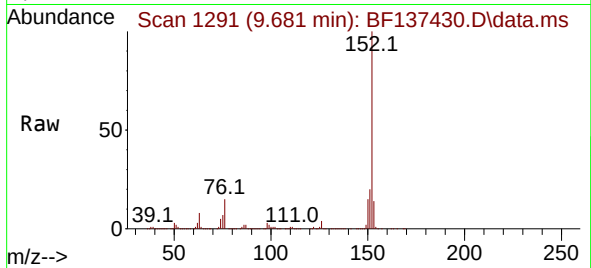
138 96.7 73.7 110.5





#49
Acenaphthylene
Concen: 51.690 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

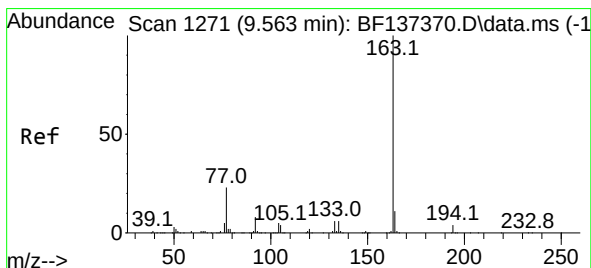
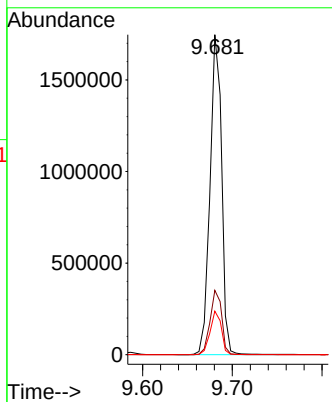
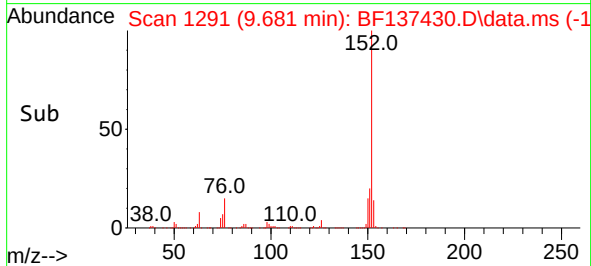
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



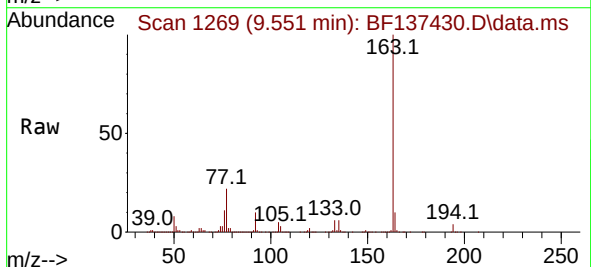
Tgt Ion:152 Resp: 157325
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.6 10.6 15.8

Manual Integrations
APPROVED

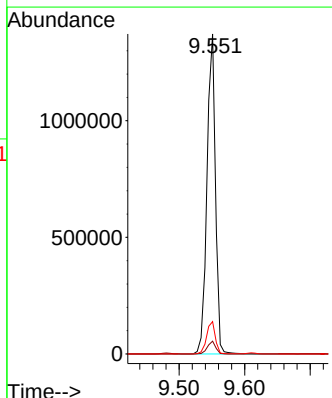
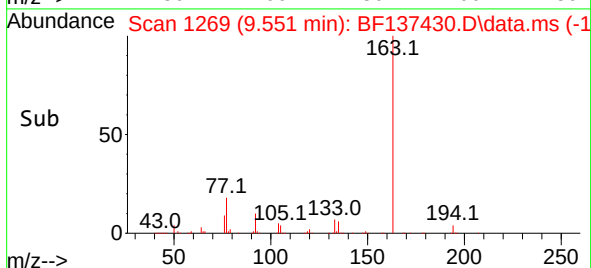
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

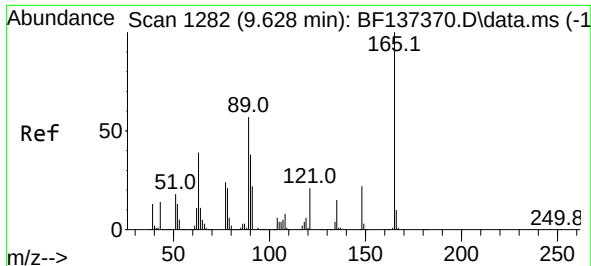


#50
Dimethylphthalate
Concen: 52.530 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51



Tgt Ion:163 Resp: 1236230
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.1 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 60.644 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

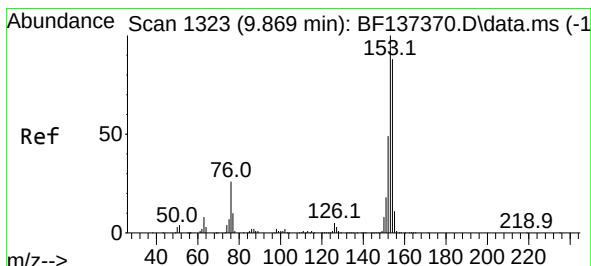
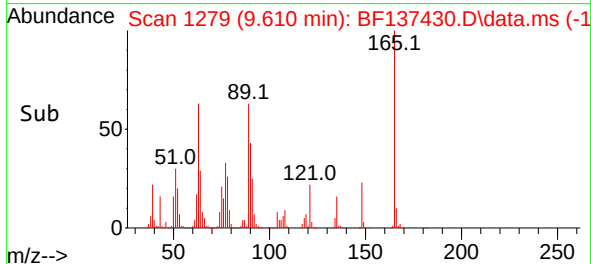
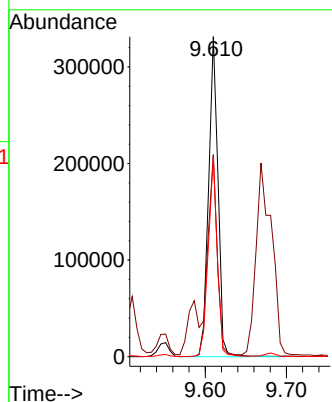
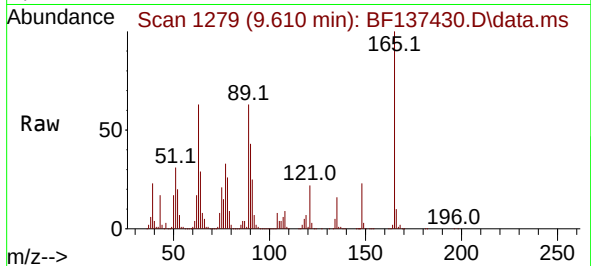
VNJ-232MSD

Tgt Ion:165 Resp: 265508
Ion Ratio Lower Upper
165 100
63 63.2 41.6 62.4
89 62.7 45.8 68.6

Manual Integrations

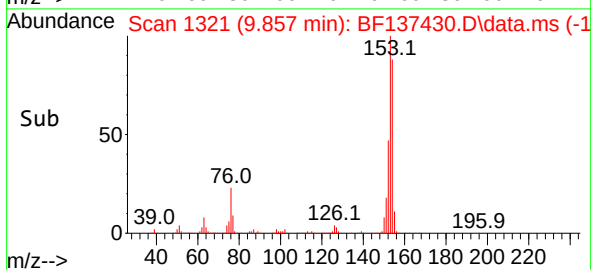
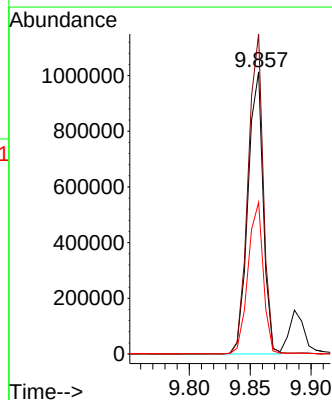
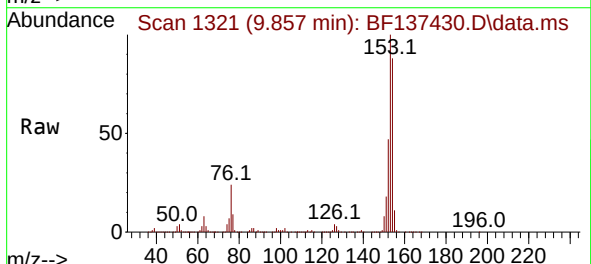
APPROVED

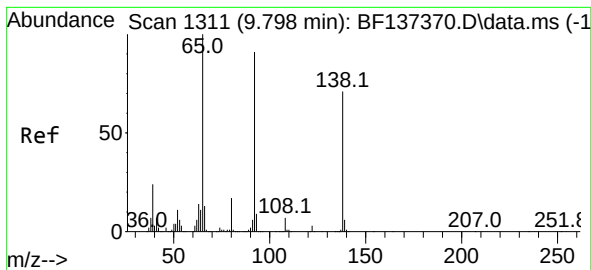
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#52
Acenaphthene
Concen: 48.829 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion:154 Resp: 887140
Ion Ratio Lower Upper
154 100
153 113.5 90.6 135.8
152 53.8 44.1 66.1





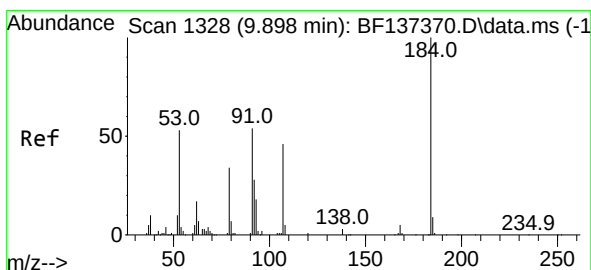
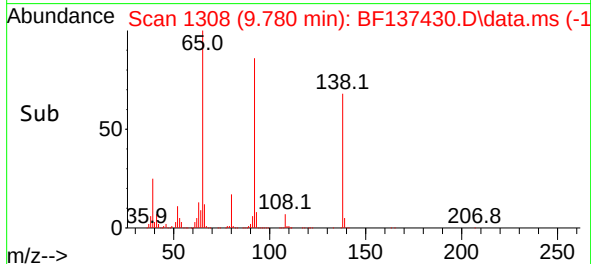
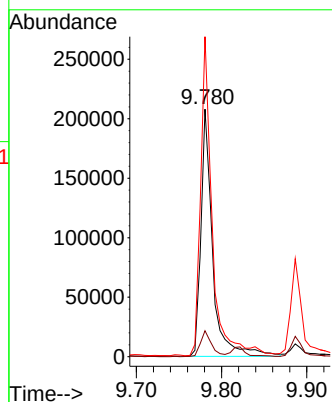
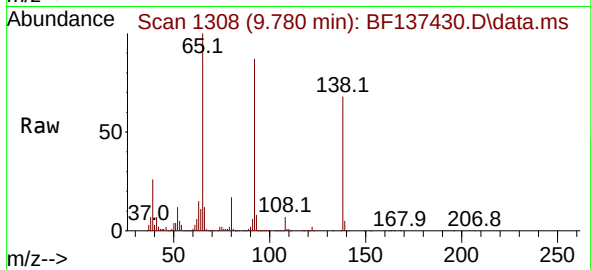
#53
3-Nitroaniline
Concen: 40.330 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

Tgt Ion:138 Resp: 199770
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.2
92 129.2 102.2 153.2

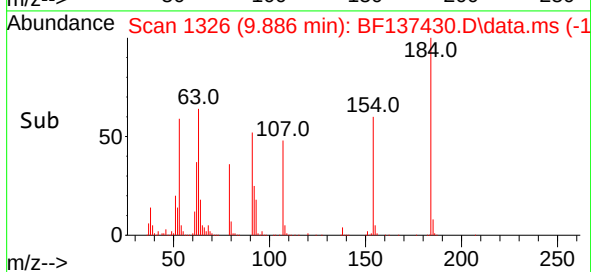
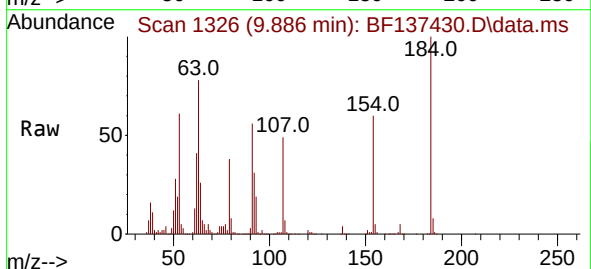
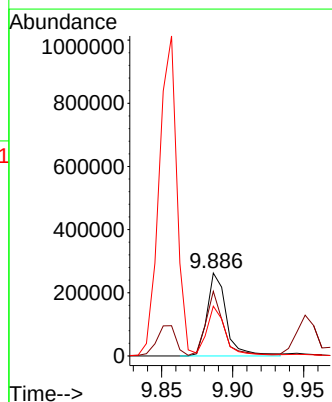
Manual Integrations
APPROVED

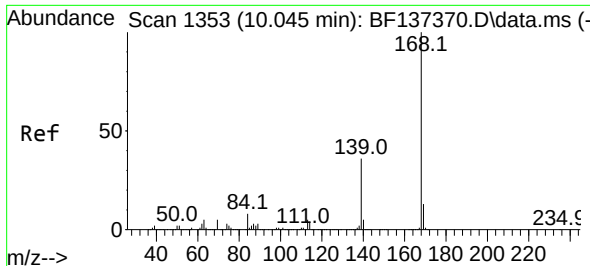
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#54
2,4-Dinitrophenol
Concen: 111.602 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion:184 Resp: 248957
Ion Ratio Lower Upper
184 100
63 78.0 55.9 83.9
154 59.9 47.6 71.4





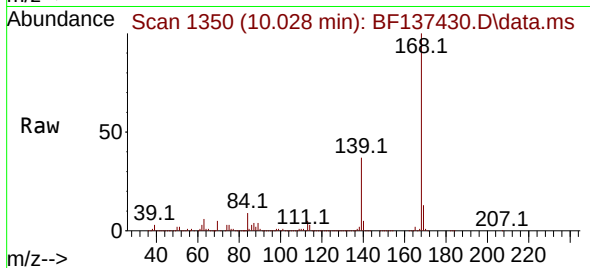
#55
Dibenzenofuran
Concen: 49.627 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.017 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

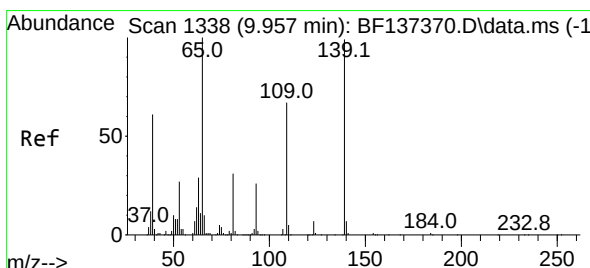
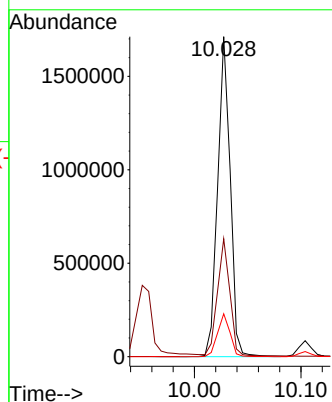
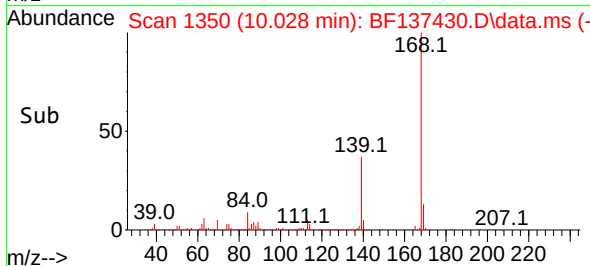


Tgt Ion:168 Resp: 1393534
Ion Ratio Lower Upper
168 100
139 36.9 28.9 43.3
169 13.4 10.8 16.2

Manual Integrations

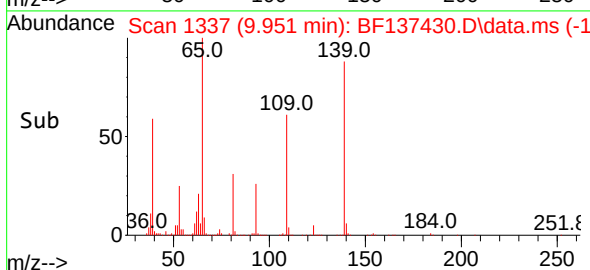
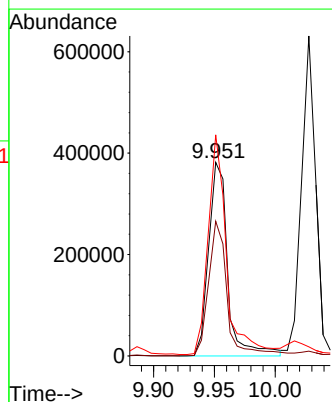
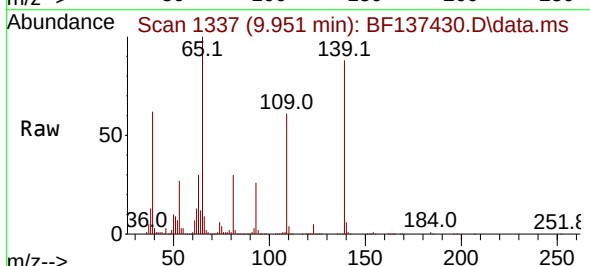
APPROVED

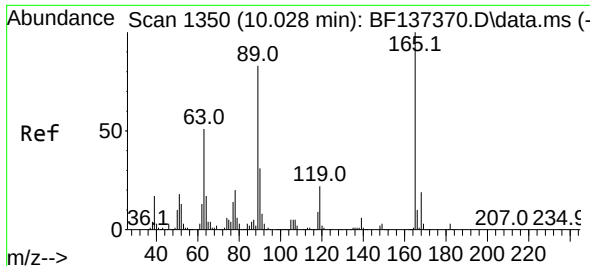
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#56
4-Nitrophenol
Concen: 110.267 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion:139 Resp: 416143
Ion Ratio Lower Upper
139 100
109 69.6 48.0 88.0
65 114.2 82.2 122.2





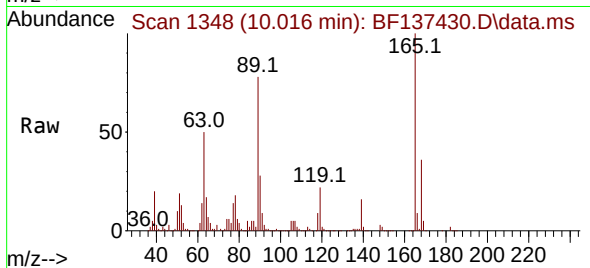
#57
2,4-Dinitrotoluene
Concen: 64.022 ng
RT: 10.016 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

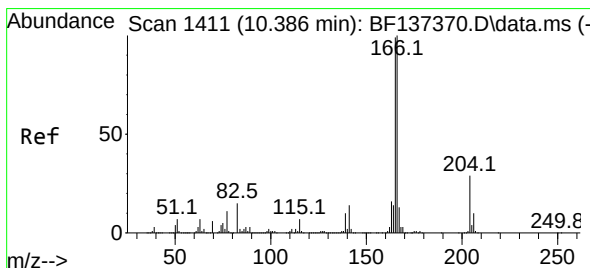
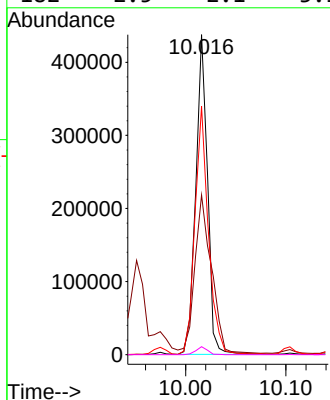
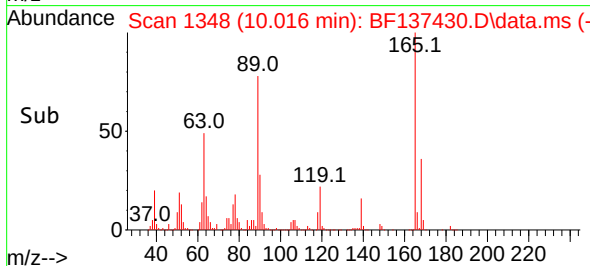


Tgt Ion:165 Resp: 356390
Ion Ratio Lower Upper
165 100
63 49.9 41.1 61.7
89 77.7 66.6 100.0
182 2.5 2.1 3.1

Manual Integrations

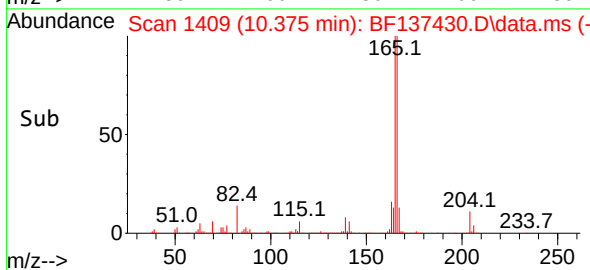
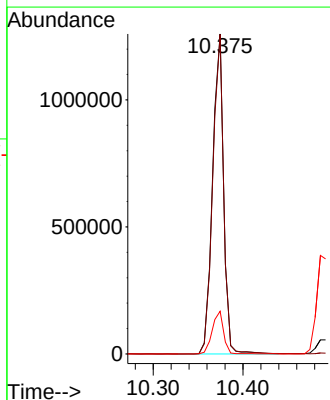
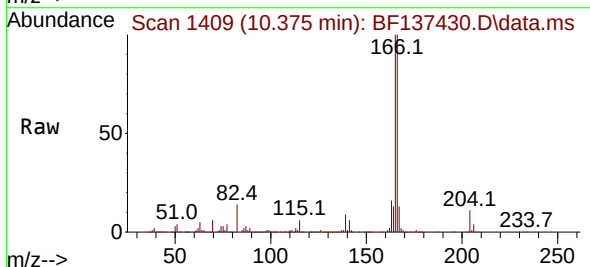
APPROVED

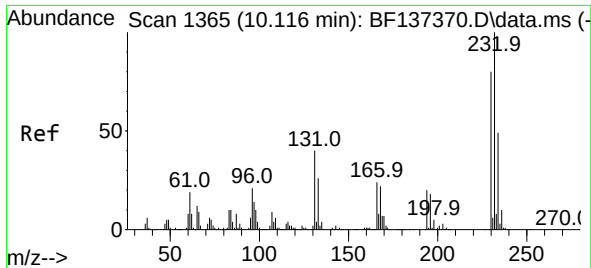
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#58
Fluorene
Concen: 50.042 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

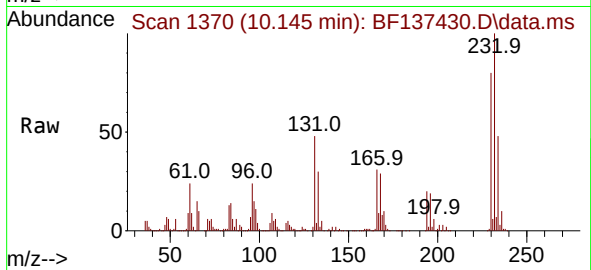
Tgt Ion:166 Resp: 1073118
Ion Ratio Lower Upper
166 100
165 99.8 78.8 118.2
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.012 ng m
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

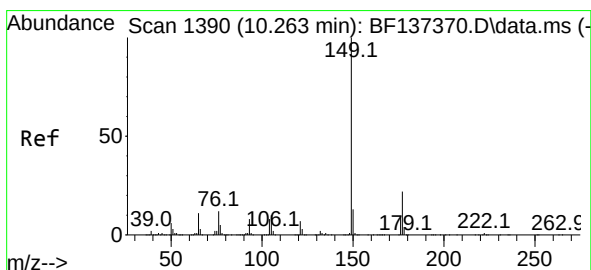
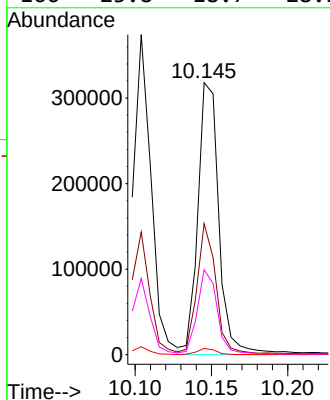
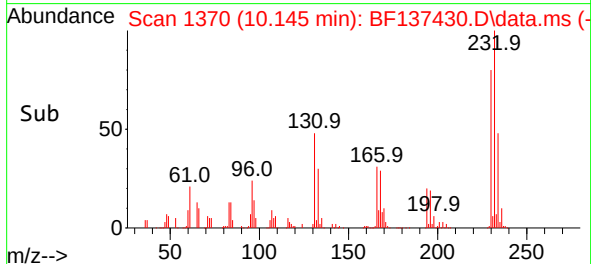
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



Tgt Ion:232 Resp: 306310
Ion Ratio Lower Upper
232 100
131 39.0 31.1 46.7
130 2.3 1.8 2.6
166 23.8 18.7 28.1

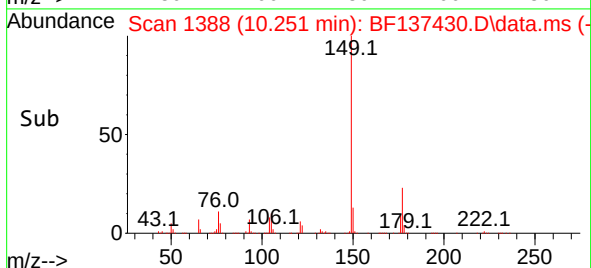
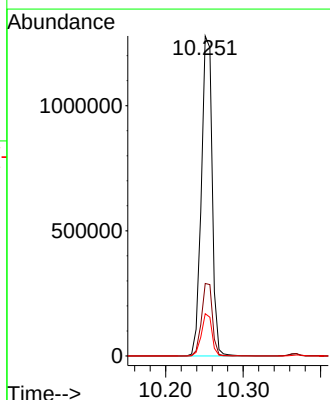
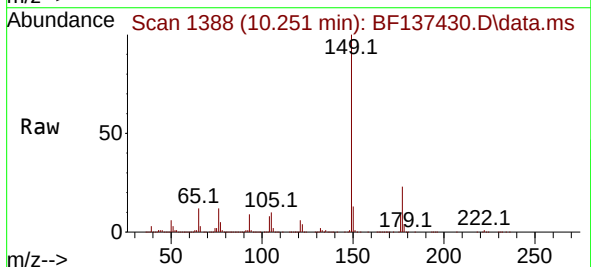
Manual Integrations
APPROVED

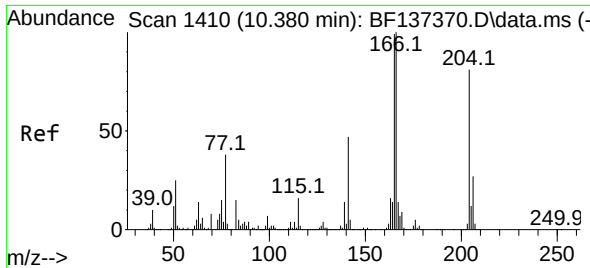
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#60
Diethylphthalate
Concen: 56.402 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

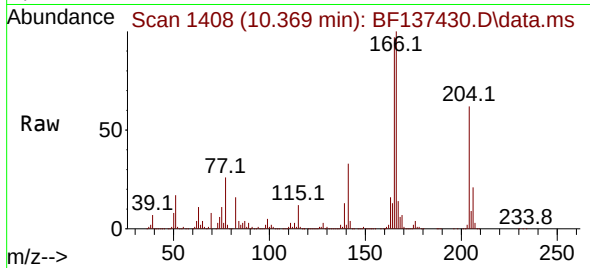
Tgt Ion:149 Resp: 1239275
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 13.2 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 48.649 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

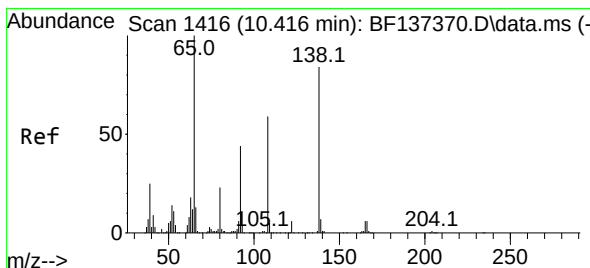
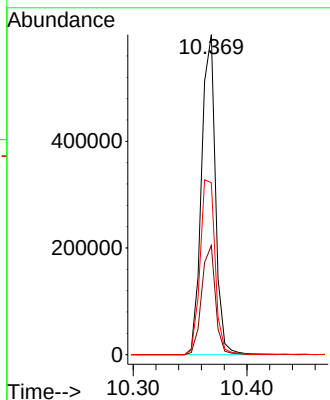
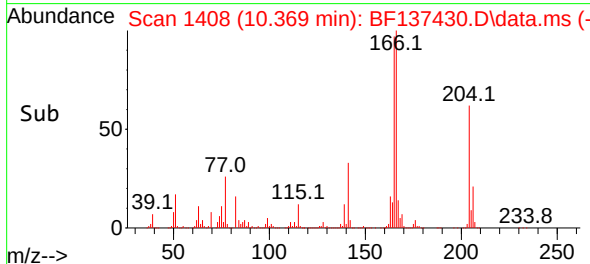
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



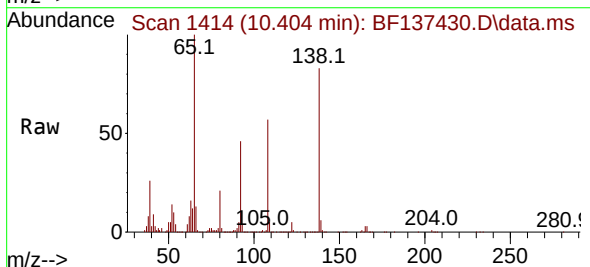
Tgt Ion:204 Resp: 513190
Ion Ratio Lower Upper
204 100
206 34.1 26.8 40.2
141 53.8 46.4 69.6

Manual Integrations
APPROVED

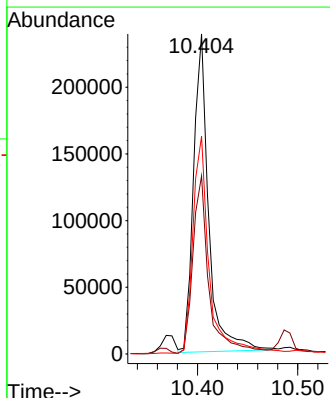
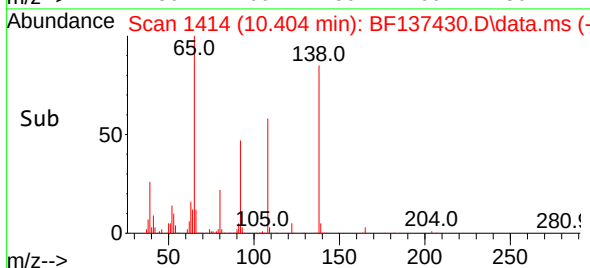
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

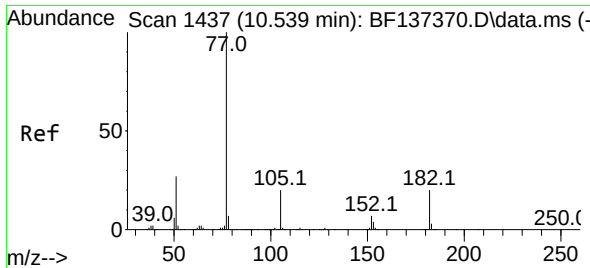


#62
4-Nitroaniline
Concen: 53.855 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51



Tgt Ion:138 Resp: 249073
Ion Ratio Lower Upper
138 100
92 55.6 33.4 73.4
108 68.1 50.4 90.4





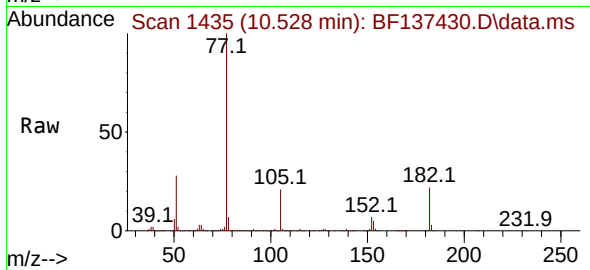
#63
Azobenzene
Concen: 52.963 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

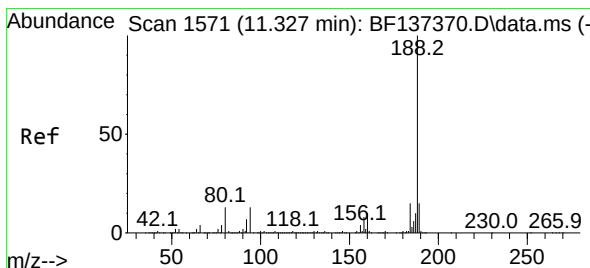
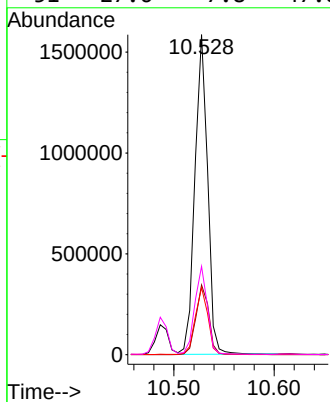
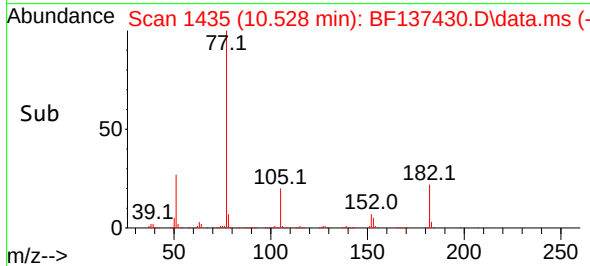


Tgt Ion: 77 Resp: 139231
Ion Ratio Lower Upper
77 100
182 21.8 0.0 39.6
105 20.9 0.4 40.4
51 27.6 7.8 47.8

Manual Integrations

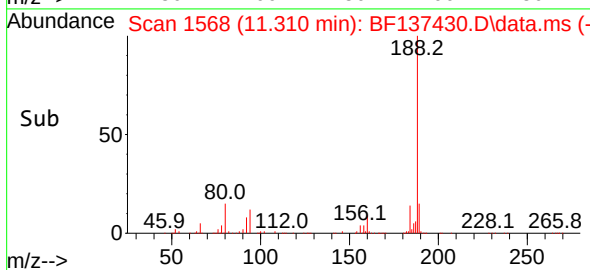
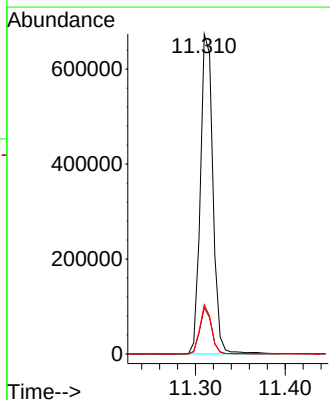
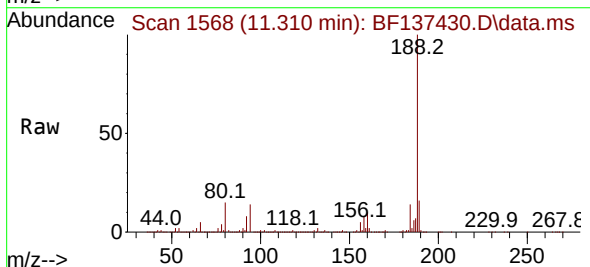
APPROVED

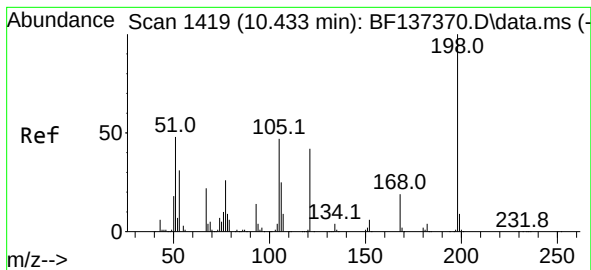
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion:188 Resp: 654175
Ion Ratio Lower Upper
188 100
94 14.4 10.2 15.2
80 15.4 10.7 16.1





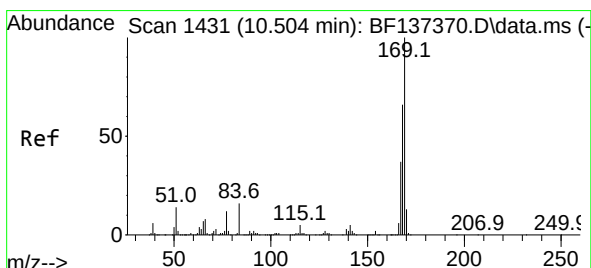
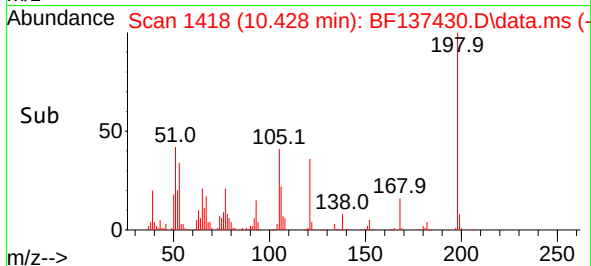
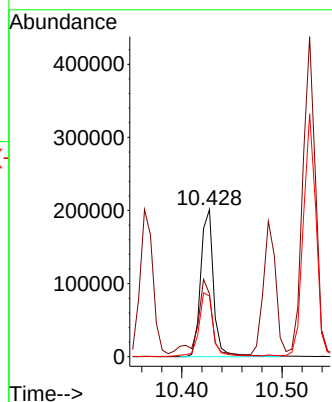
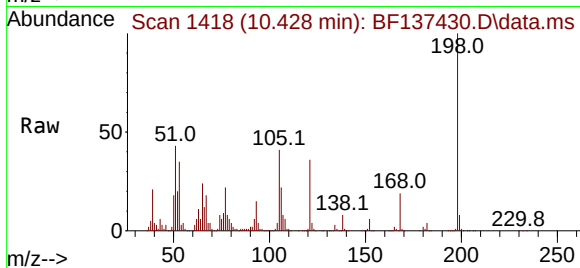
#65
4,6-Dinitro-2-methylphenol
Concen: 55.743 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.005 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

Tgt Ion:198 Resp: 18087
Ion Ratio Lower Upper
198 100
51 42.7 36.8 76.8
105 41.2 28.5 68.5

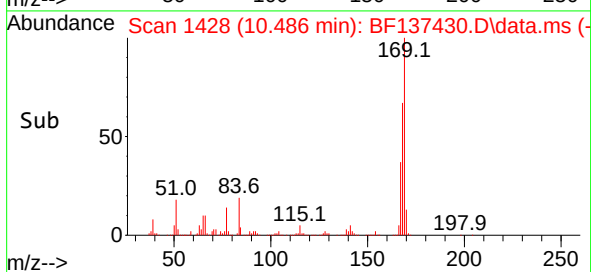
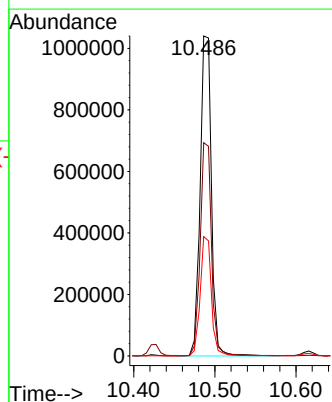
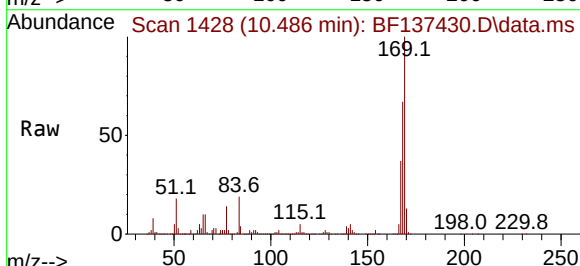
Manual Integrations
APPROVED

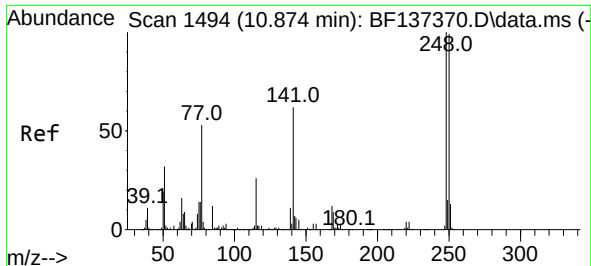
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#66
n-Nitrosodiphenylamine
Concen: 47.375 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion:169 Resp: 1006514
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.4
167 37.3 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 48.752 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.018 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

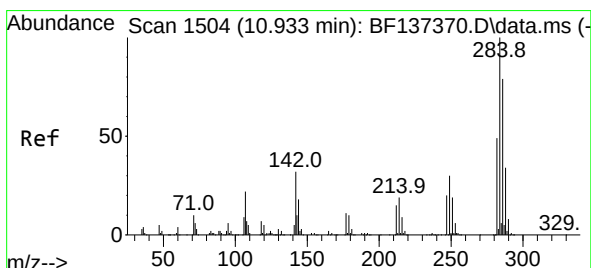
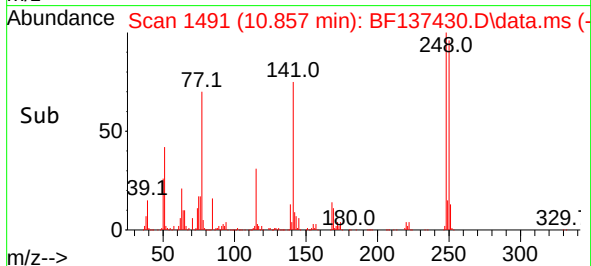
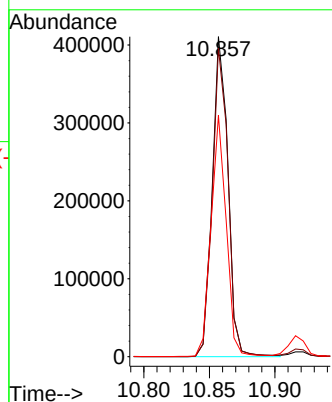
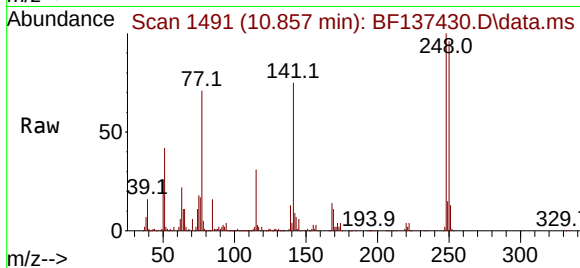
VNJ-232MSD

Tgt Ion:248 Resp: 342852
Ion Ratio Lower Upper
248 100
250 96.4 79.0 118.6
141 75.5 49.9 74.9

Manual Integrations

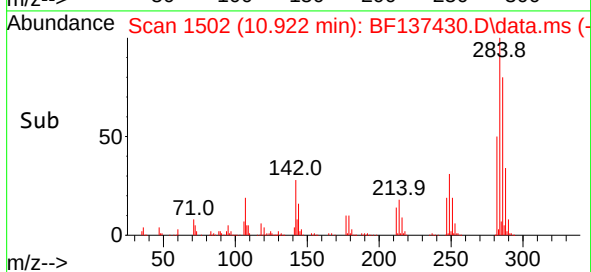
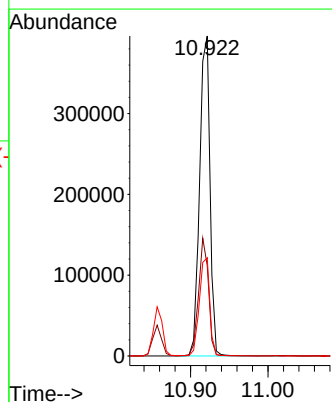
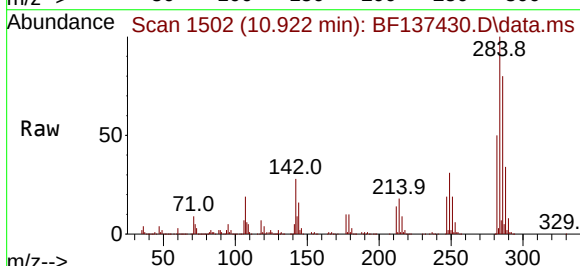
APPROVED

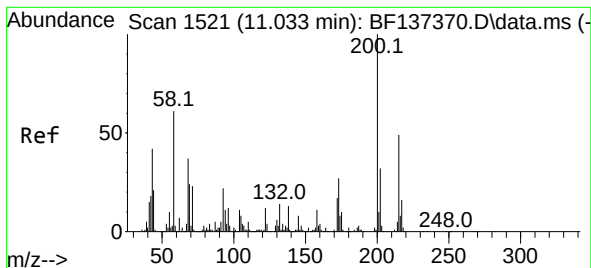
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#68
Hexachlorobenzene
Concen: 50.475 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion:284 Resp: 367206
Ion Ratio Lower Upper
284 100
142 28.2 25.4 38.0
249 30.7 24.2 36.4





#69

Atrazine

Concen: 61.289 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

Tgt Ion:200 Resp: 351400

Ion Ratio Lower Upper

200 100

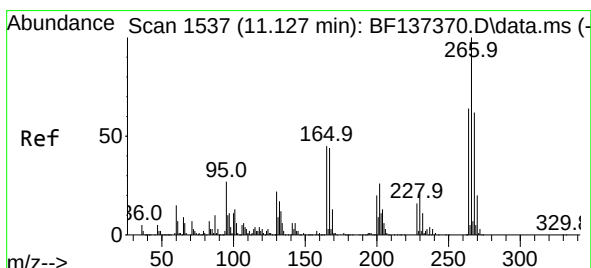
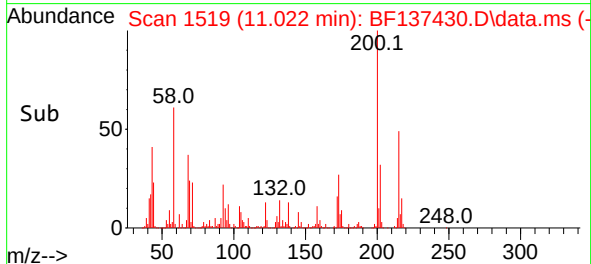
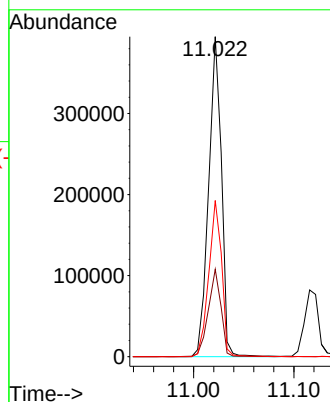
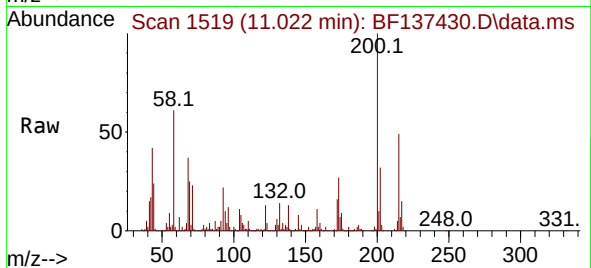
173 27.3 6.8 46.8

215 48.8 29.4 69.4

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 94.355 ng

RT: 11.122 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

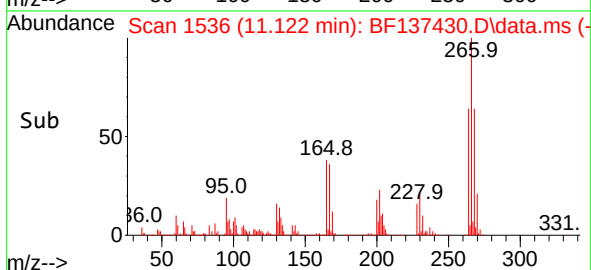
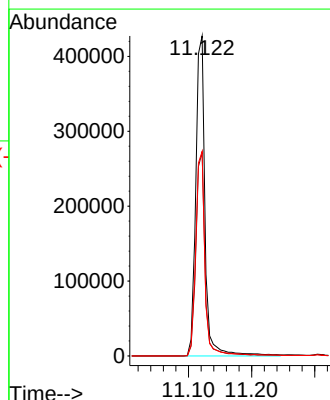
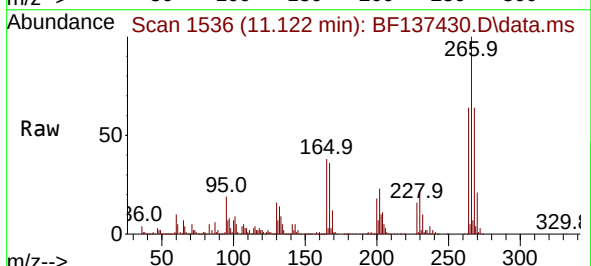
Tgt Ion:266 Resp: 434912

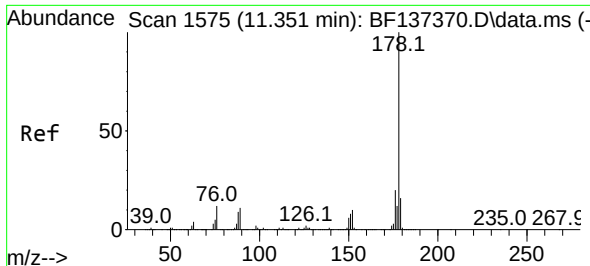
Ion Ratio Lower Upper

266 100

268 63.6 49.4 74.2

264 63.9 51.3 76.9





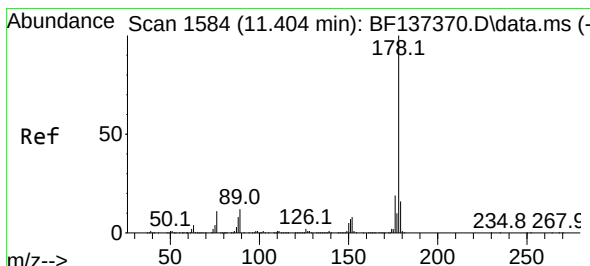
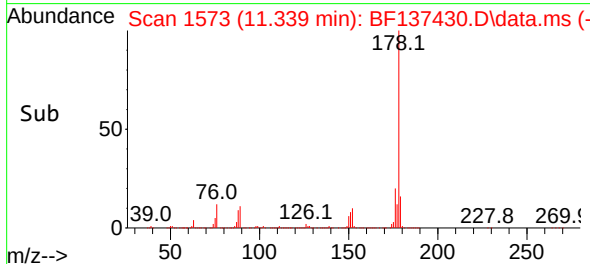
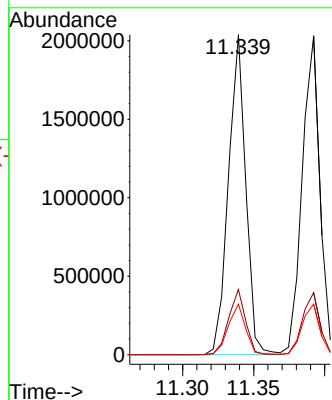
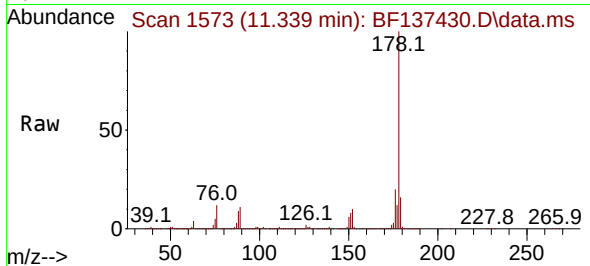
#71
Phenanthrene
Concen: 47.979 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

Tgt Ion:178 Resp: 1731640
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 15.8 12.7 19.1

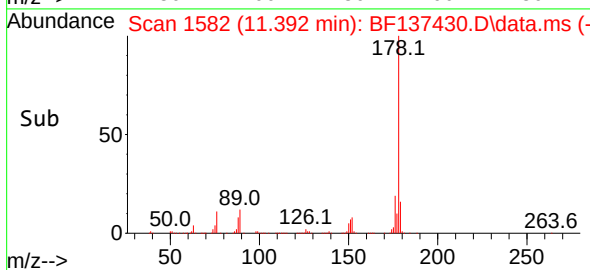
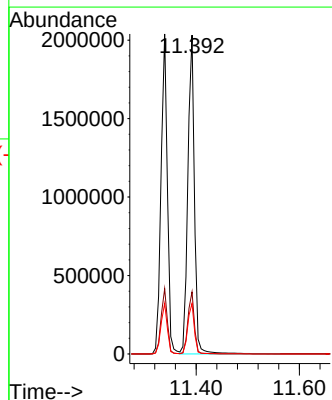
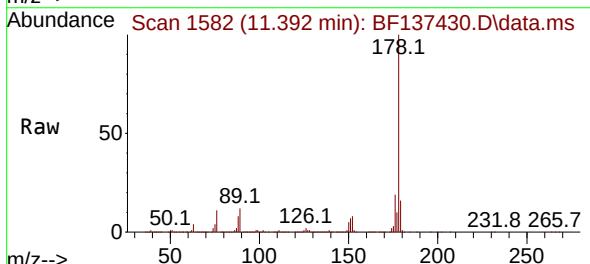
Manual Integrations
APPROVED

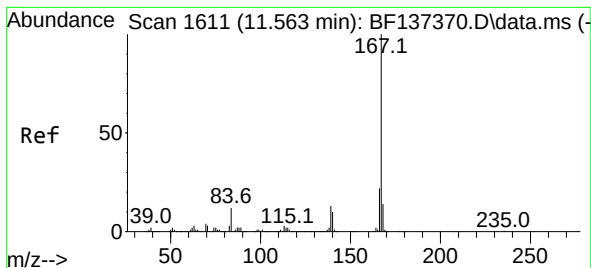
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#72
Anthracene
Concen: 48.220 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion:178 Resp: 1793516
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.9 12.6 18.8





#73

Carbazole

Concen: 52.387 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.012 min

Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

Tgt Ion:167 Resp: 1664800

Ion Ratio Lower Upper

167 100

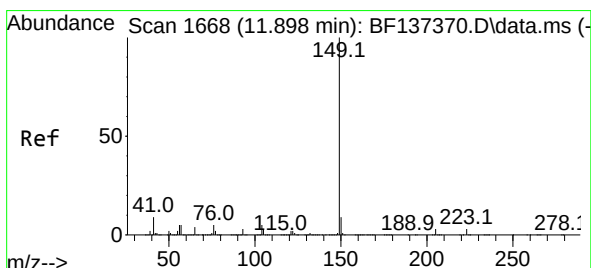
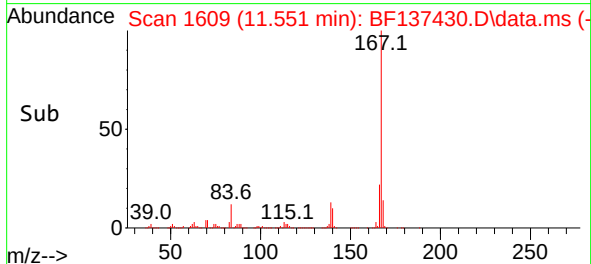
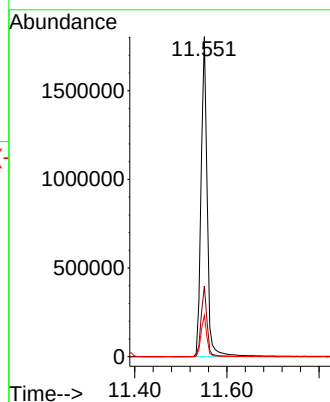
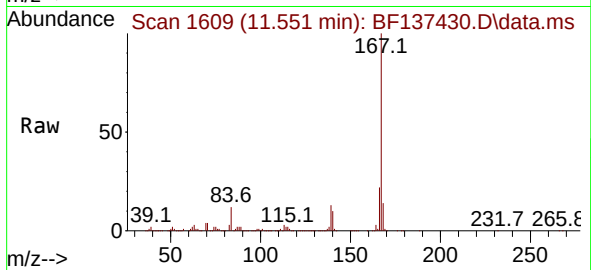
166 22.1 17.8 26.6

139 12.9 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: 66.929 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.012 min

Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

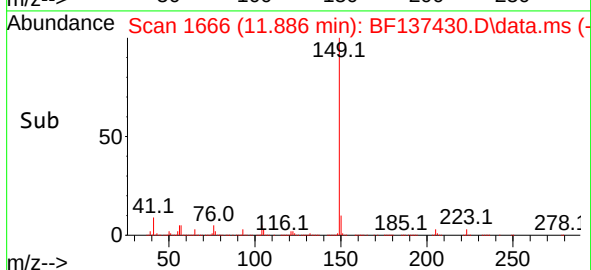
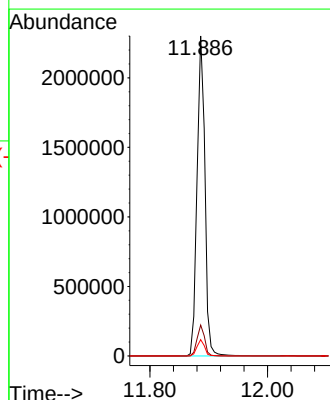
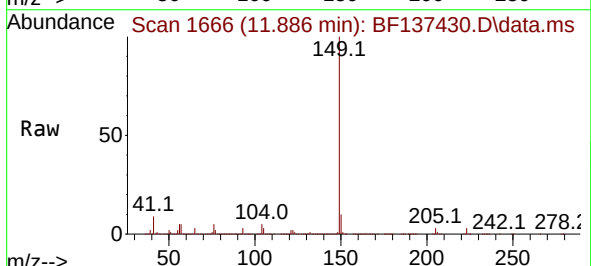
Tgt Ion:149 Resp: 2128222

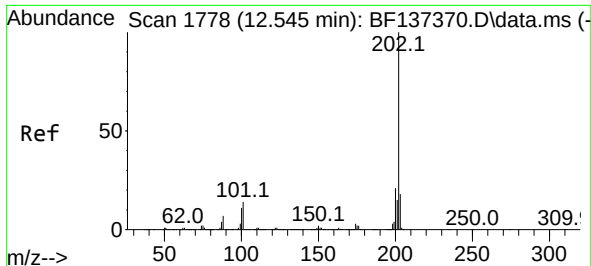
Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

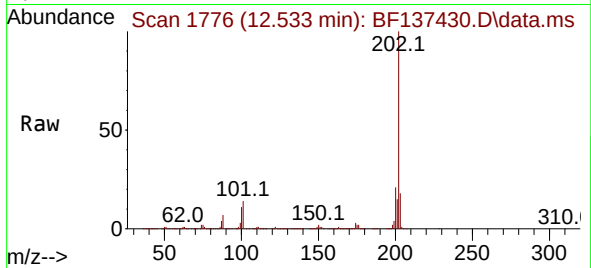
104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 52.458 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

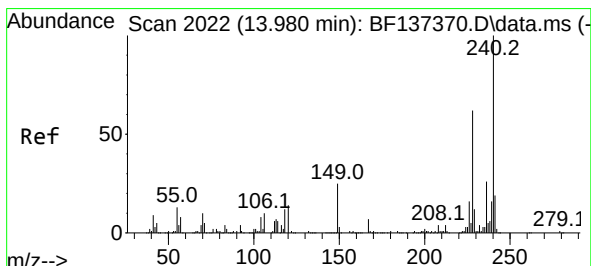
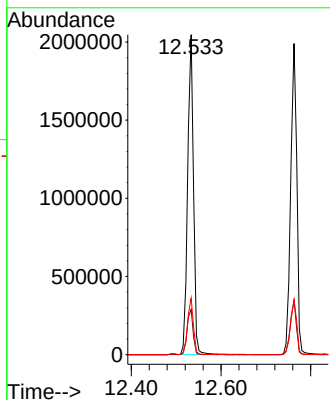
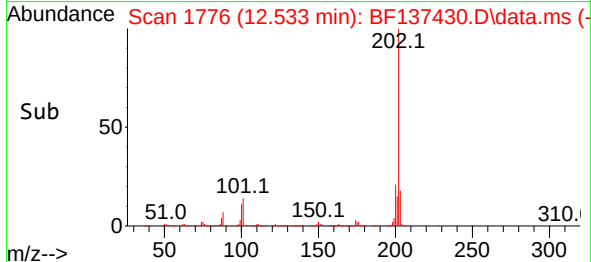
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



Tgt Ion:202 Resp: 1848114
Ion Ratio Lower Upper
202 100
101 14.1 0.0 33.9
203 17.7 0.0 37.8

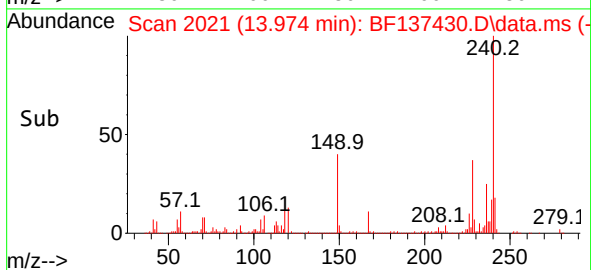
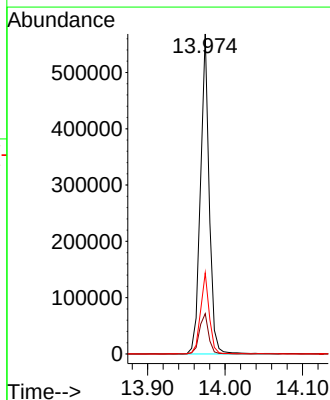
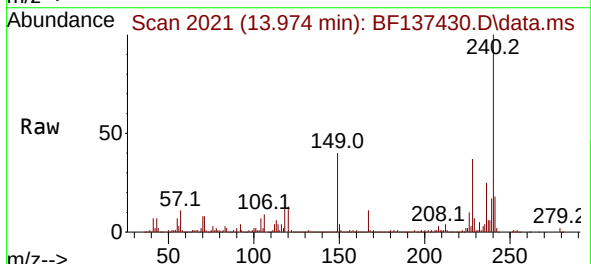
Manual Integrations
APPROVED

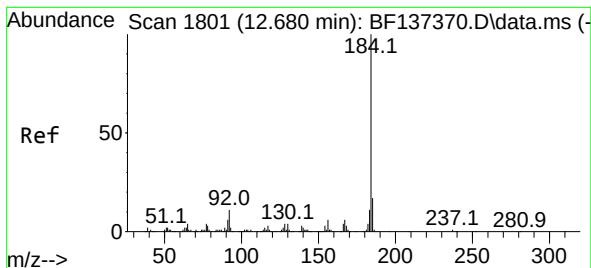
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion:240 Resp: 445651
Ion Ratio Lower Upper
240 100
120 12.6 11.3 16.9
236 25.4 20.5 30.7





#77

Benzidine

Concen: 13.931 ng m

RT: 12.669 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD

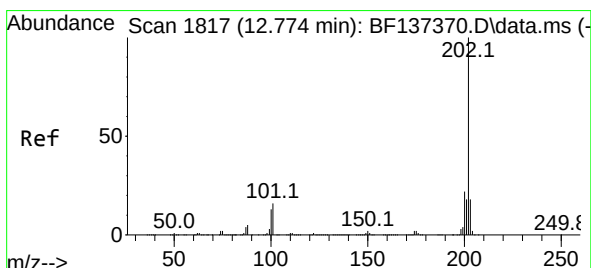
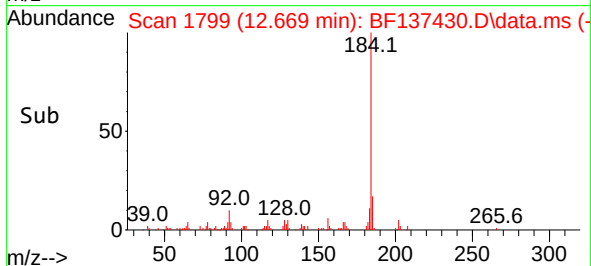
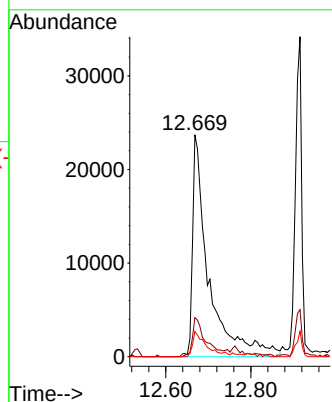
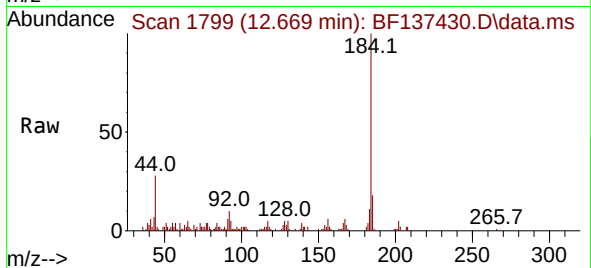
Tgt Ion:184 Resp: 6223

Ion	Ratio	Lower	Upper
184	100		
185	17.6	13.7	20.5
183	11.4	8.8	13.2

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 44.962 ng

RT: 12.763 min Scan# 1815

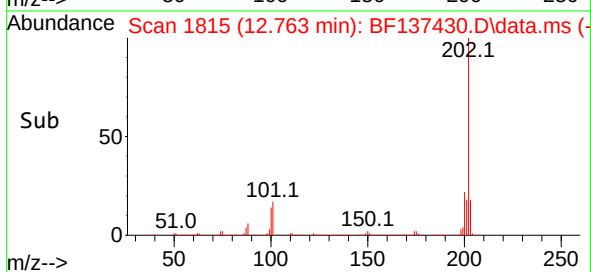
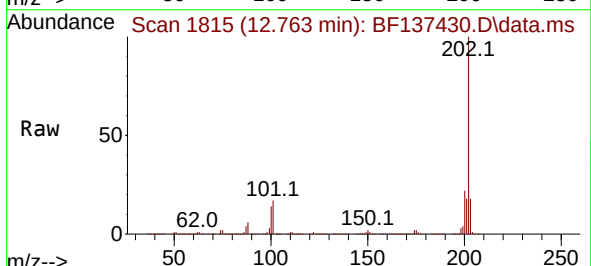
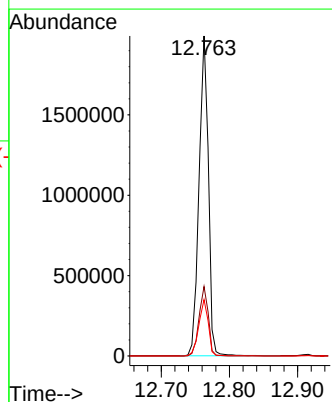
Delta R.T. -0.012 min

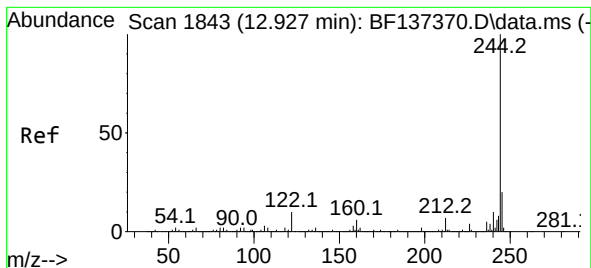
Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

Tgt Ion:202 Resp: 1894704

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.6	14.2	21.2





#79

Terphenyl-d14

Concen: 87.700 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF137430.D

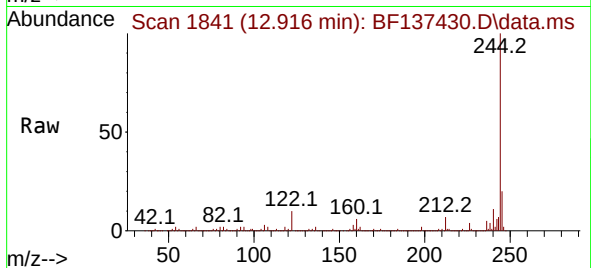
Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

VNJ-232MSD



Tgt Ion:244 Resp: 279432

Ion Ratio Lower Upper

244 100

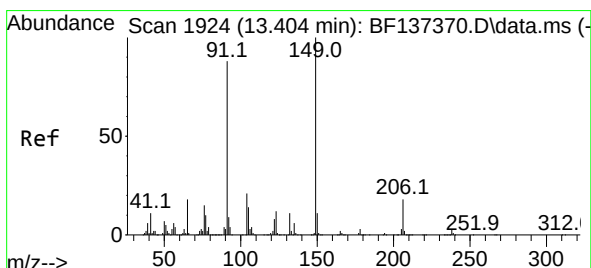
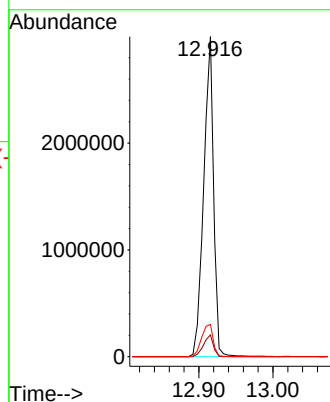
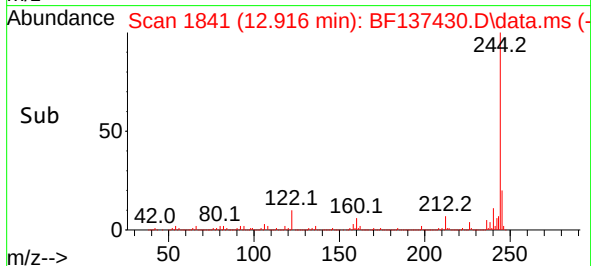
212 6.8 5.3 7.9

122 10.1 8.2 12.4

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 83.913 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF137430.D

Acq: 28 Feb 2024 18:51

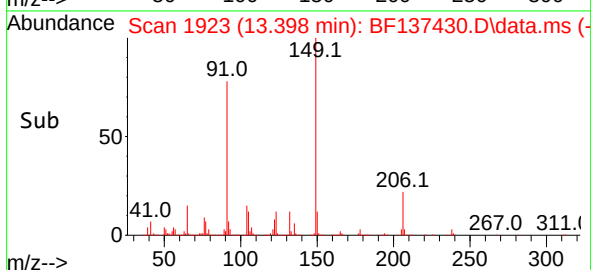
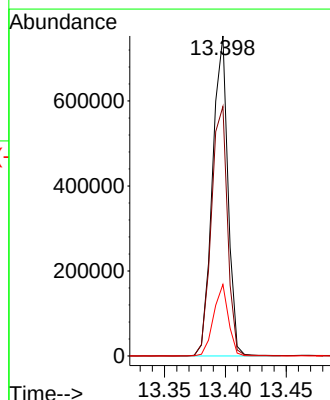
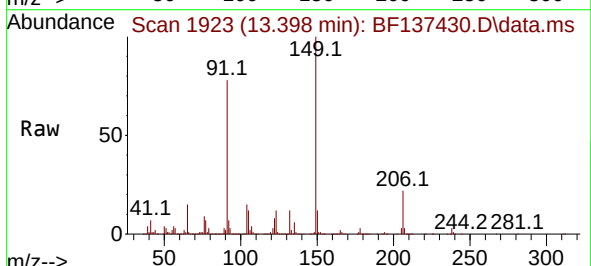
Tgt Ion:149 Resp: 665594

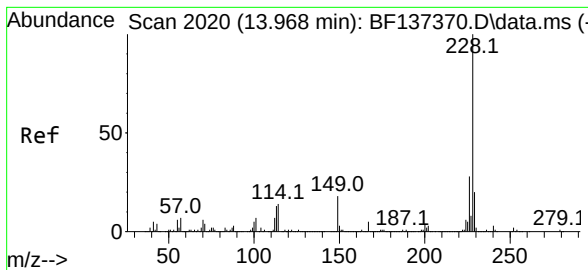
Ion Ratio Lower Upper

149 100

91 78.0 70.5 105.7

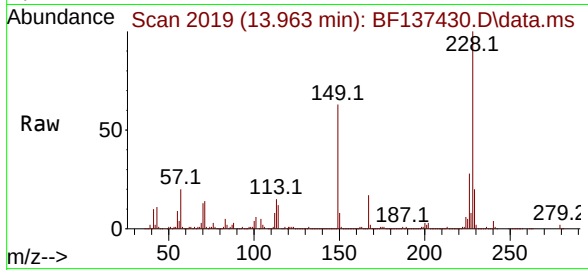
206 22.3 14.8 22.2#





#81
Benzo(a)anthracene
Concen: 50.203 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

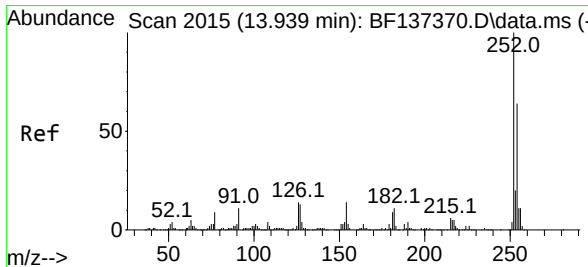
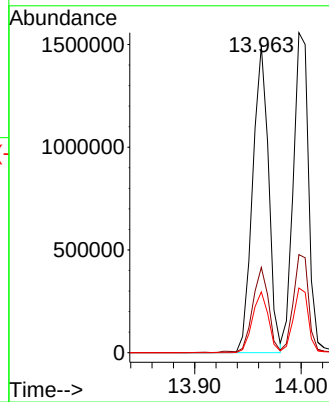
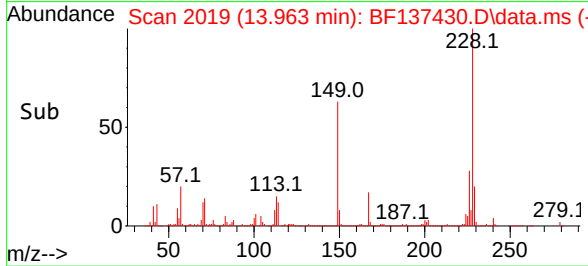
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



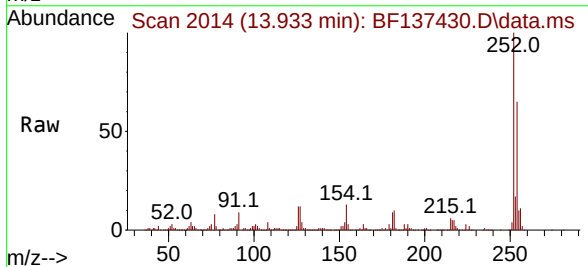
Tgt Ion:228 Resp: 1552500
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 19.8 15.7 23.5

Manual Integrations
APPROVED

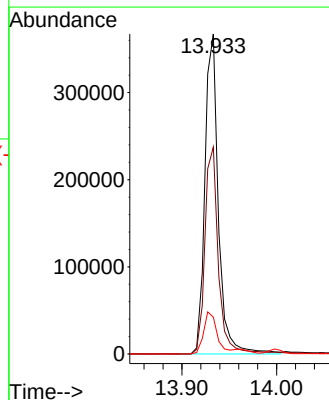
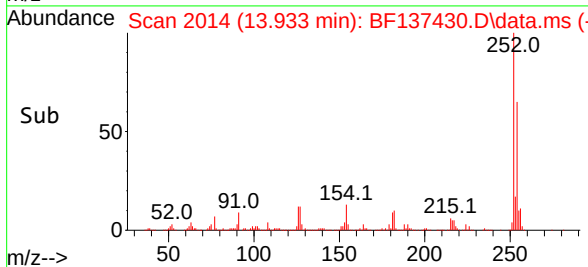
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

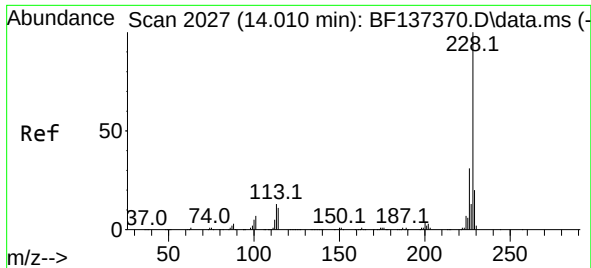


#82
3,3'-Dichlorobenzidine
Concen: 50.149 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51



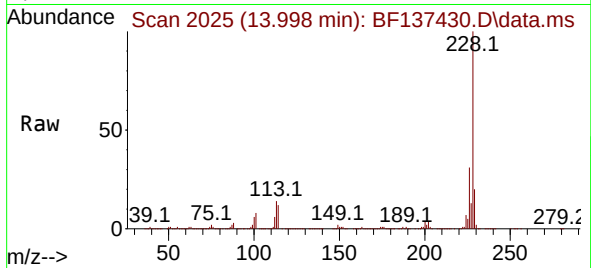
Tgt Ion:252 Resp: 363453
Ion Ratio Lower Upper
252 100
254 64.6 51.2 76.8
126 11.5 11.1 16.7





#83
Chrysene
Concen: 50.132 ng
RT: 13.998 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

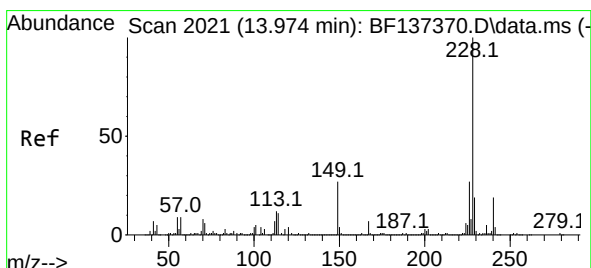
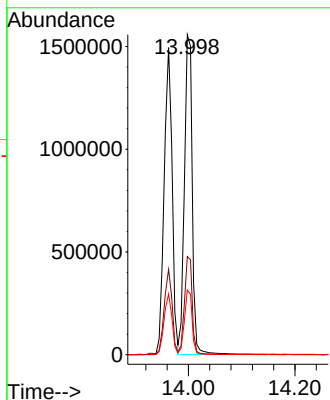
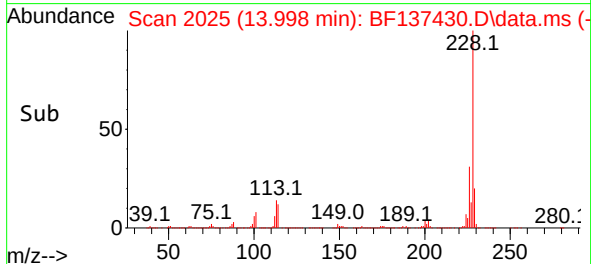
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



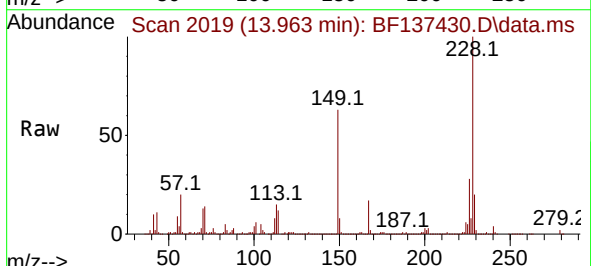
Tgt Ion:228 Resp: 1583709
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 20.2 15.8 23.8

Manual Integrations
APPROVED

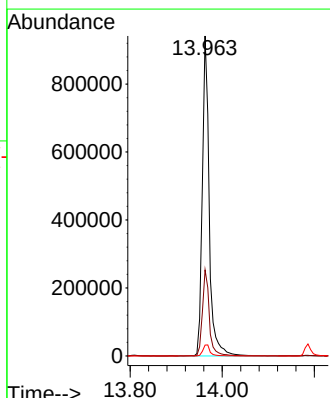
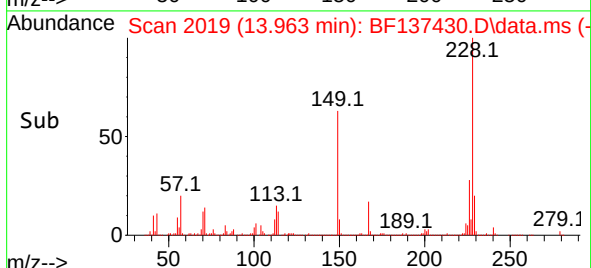
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

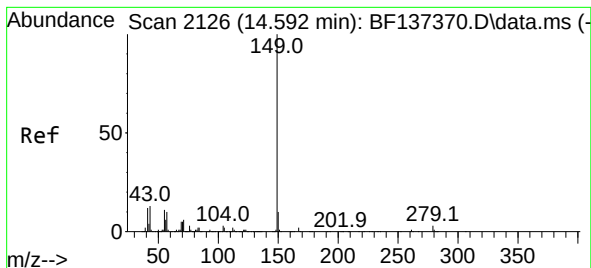


#84
Bis(2-ethylhexyl)phthalate
Concen: 94.691 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.011 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51



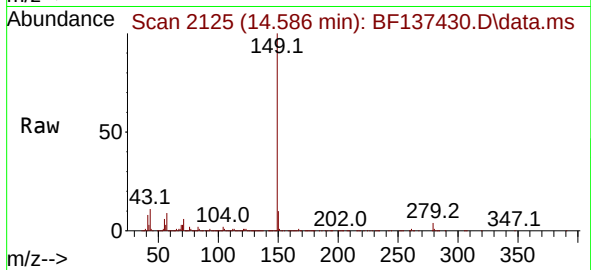
Tgt Ion:149 Resp: 981478
Ion Ratio Lower Upper
149 100
167 26.9 20.6 31.0
279 3.4 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 92.037 ng
RT: 14.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

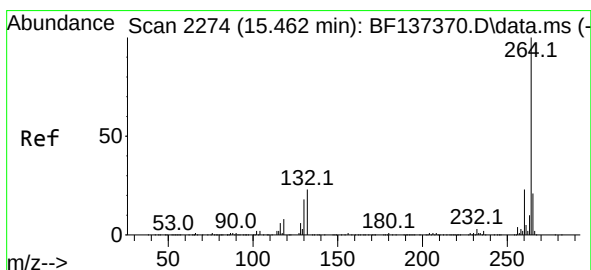
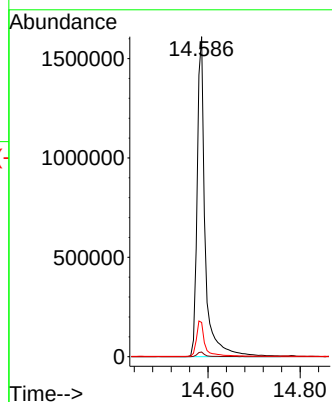
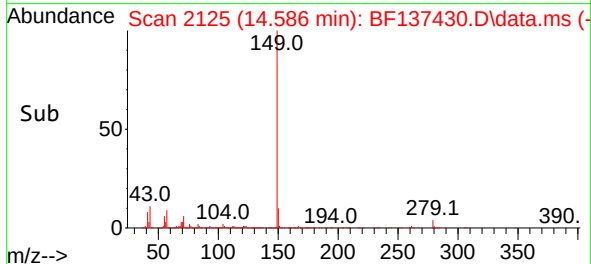
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



Tgt Ion:149 Resp: 1932215
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.9 13.7 20.5

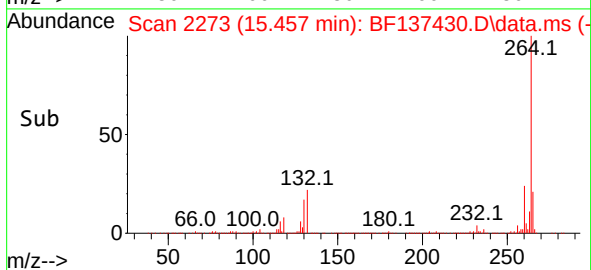
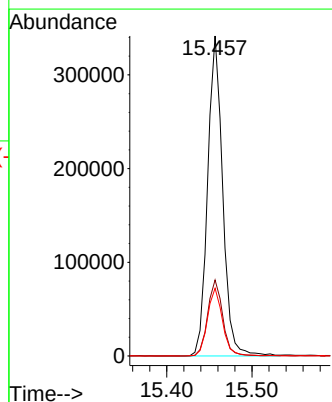
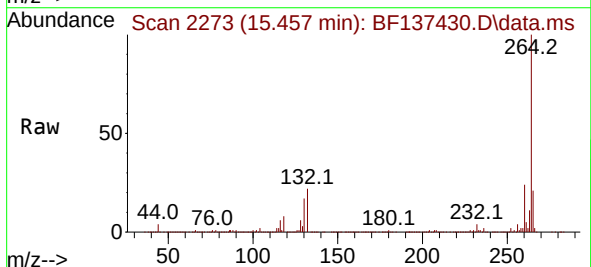
Manual Integrations
APPROVED

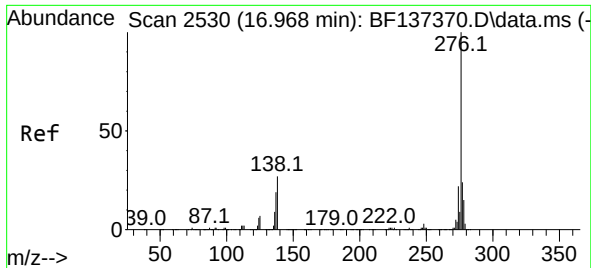
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion:264 Resp: 418848
Ion Ratio Lower Upper
264 100
260 23.7 18.5 27.7
265 21.1 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.319 ng
RT: 16.962 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

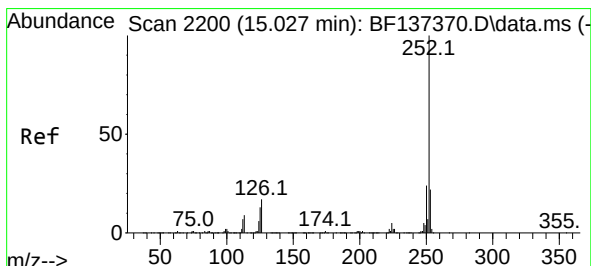
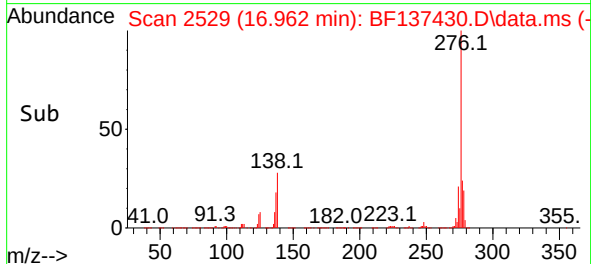
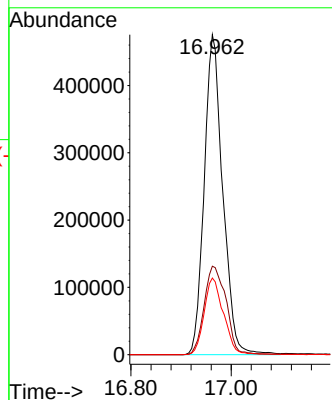
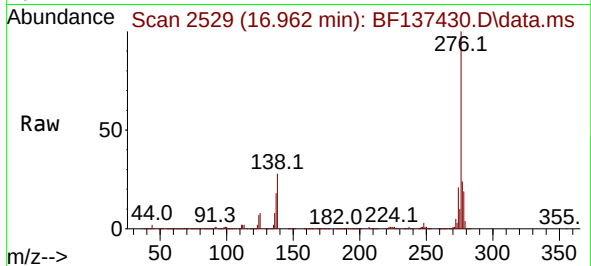
VNJ-232MSD

Tgt Ion:276 Resp: 1220649
Ion Ratio Lower Upper
276 100
138 32.8 25.8 38.8
277 24.9 19.6 29.4

Manual Integrations

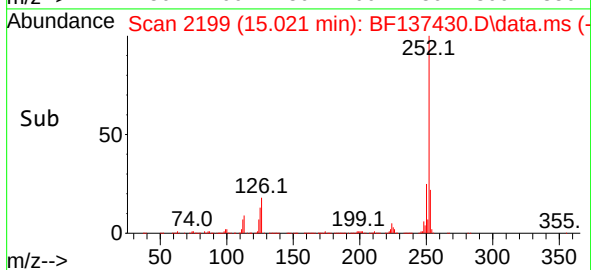
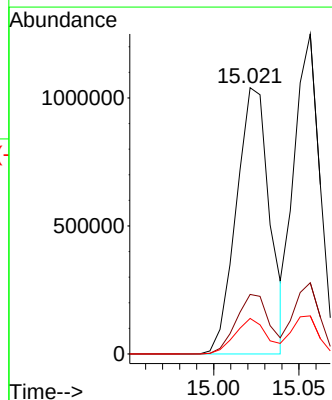
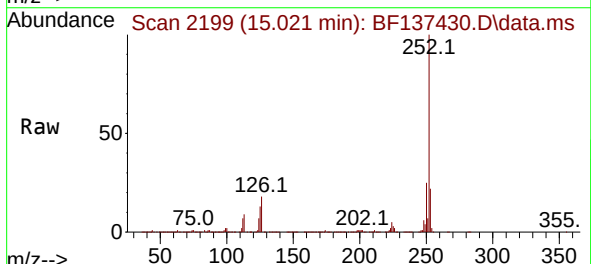
APPROVED

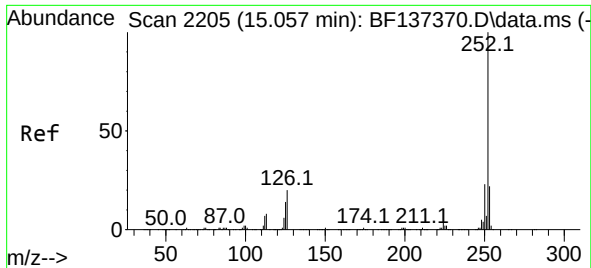
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#88
Benzo(b)fluoranthene
Concen: 55.164 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

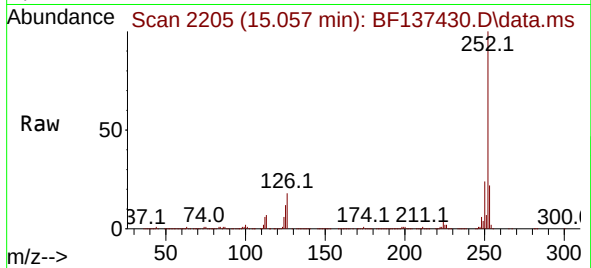
Tgt Ion:252 Resp: 1417403
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 13.3 10.2 15.2





#89
Benzo(k)fluoranthene
Concen: 50.115 ng
RT: 15.057 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

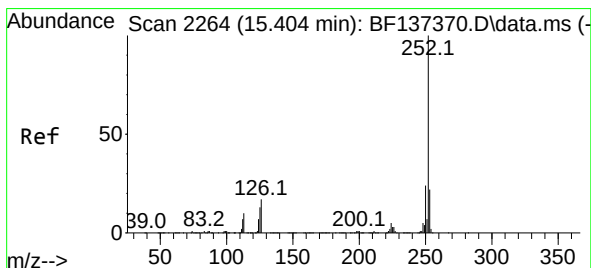
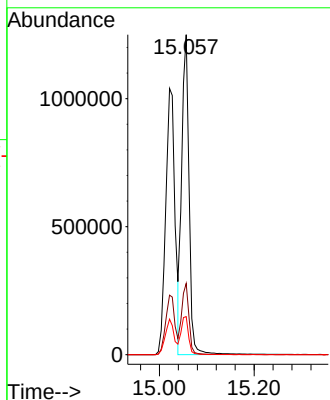
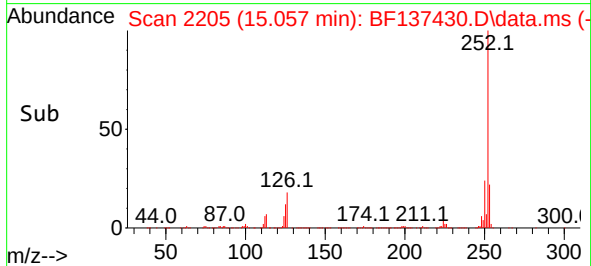
Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD



Tgt Ion:252 Resp: 1349610
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 11.9 10.7 16.1

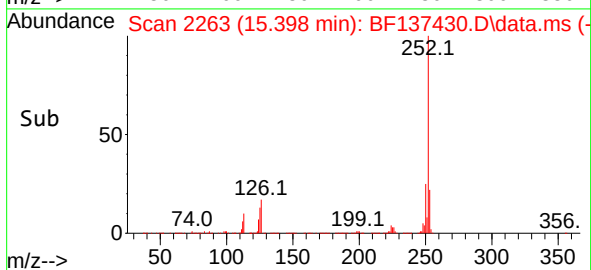
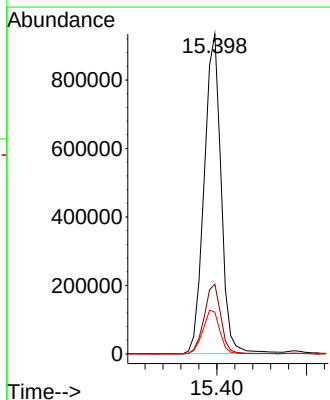
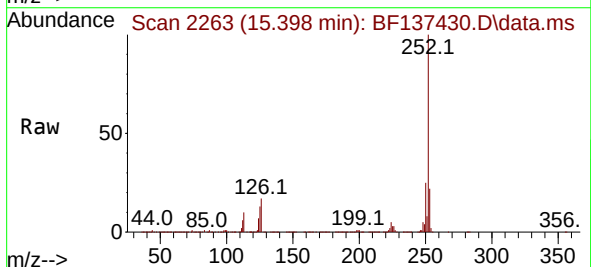
Manual Integrations
APPROVED

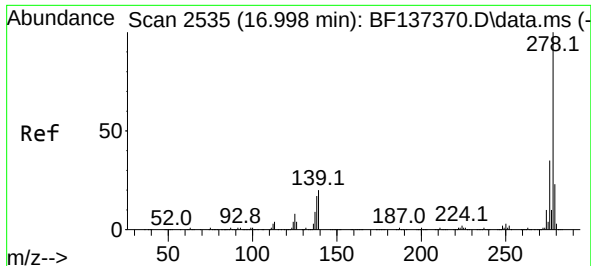
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#90
Benzo(a)pyrene
Concen: 50.151 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion:252 Resp: 1222265
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 13.1 10.6 16.0





#91
Dibenzo(a,h)anthracene
Concen: 42.606 ng
RT: 16.986 min Scan# 2533
Delta R.T. -0.012 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Instrument :

BNA_F

ClientSampleId :

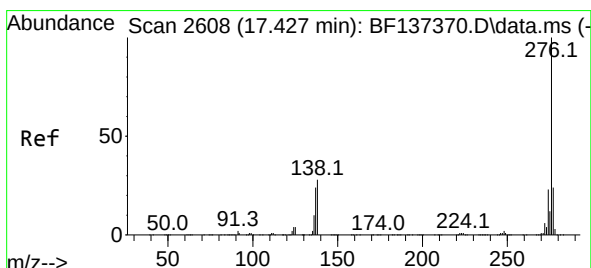
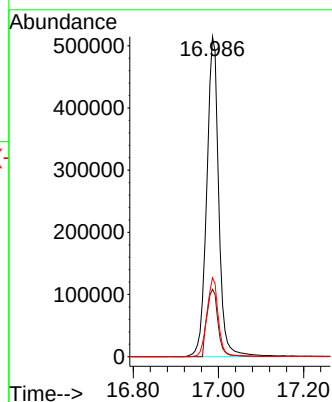
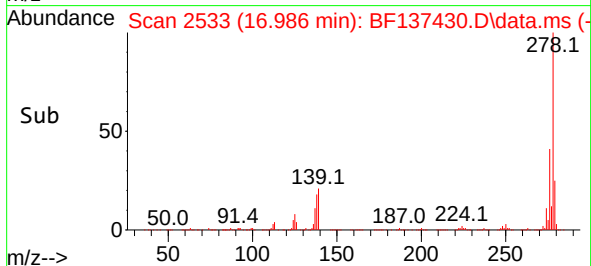
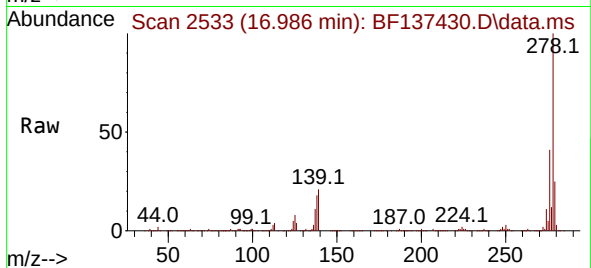
VNJ-232MSD

Tgt Ion:278 Resp: 1008190
Ion Ratio Lower Upper
278 100
139 21.1 16.2 24.4
279 24.7 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: 38.144 ng
RT: 17.421 min Scan# 2607
Delta R.T. -0.006 min
Lab File: BF137430.D
Acq: 28 Feb 2024 18:51

Tgt Ion:276 Resp: 926173
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 26.6 22.6 33.8

