

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
 Data File : BF137155.D
 Acq On : 25 Jan 2024 19:02
 Operator : CG\JU
 Sample : P1240-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
 Supervised By :mohammad ahmed 01/29/2024

Quant Time: Jan 26 10:17:34 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jan 25 23:14:32 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	73455	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	278306	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	163116	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	315408	20.000	ng	0.00
76) Chrysene-d12	13.992	240	163005	20.000	ng	0.00
86) Perylene-d12	15.474	264	188530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	559443	112.836	ng	0.02
7) Phenol-d6	6.445	99	707458	108.525	ng	0.00
23) Nitrobenzene-d5	7.375	82	518176	87.282	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	232275	135.368	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	928444	79.241	ng	0.00
79) Terphenyl-d14	12.939	244	1059362	92.933	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	86491	36.103	ng	# 78
3) Pyridine	3.504	79	174144	30.120	ng	97
4) n-Nitrosodimethylamine	3.457	42	135288	40.156	ng	94
6) Aniline	6.475	93	106306	13.517	ng	98
8) 2-Chlorophenol	6.598	128	226079	44.425	ng	97
9) Benzaldehyde	6.363	77	113444	33.173	ng	95
10) Phenol	6.457	94	279893	37.583	ng	97
11) bis(2-Chloroethyl)ether	6.551	93	239100	44.038	ng	98
12) 1,3-Dichlorobenzene	6.751	146	234030	40.258	ng	97
13) 1,4-Dichlorobenzene	6.828	146	240644	40.927	ng	98
14) 1,2-Dichlorobenzene	6.981	146	227962	41.025	ng	98
15) Benzyl Alcohol	6.957	79	247327	46.799	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.087	45	375797	39.228	ng	96
17) 2-Methylphenol	7.063	107	194907	44.692	ng	99
18) Hexachloroethane	7.322	117	81806	41.217	ng	94
19) n-Nitroso-di-n-propyla...	7.228	70	193901	43.964	ng	99
20) 3+4-Methylphenols	7.216	107	243826	44.243	ng	# 89
22) Acetophenone	7.222	105	347254	43.890	ng	# 94
24) Nitrobenzene	7.392	77	282390	47.302	ng	99
25) Isophorone	7.634	82	528229	45.060	ng	97
26) 2-Nitrophenol	7.704	139	103514	50.282	ng	97
27) 2,4-Dimethylphenol	7.745	122	171257	48.314	ng	99
28) bis(2-Chloroethoxy)met...	7.845	93	295297	44.709	ng	99
29) 2,4-Dichlorophenol	7.945	162	197782	46.418	ng	97
30) 1,2,4-Trichlorobenzene	8.028	180	215477	42.947	ng	98
31) Naphthalene	8.110	128	665992	44.316	ng	99
32) Benzoic acid	7.863	122	106694	46.166	ng	91
33) 4-Chloroaniline	8.157	127	44122	7.777	ng	97
34) Hexachlorobutadiene	8.228	225	140331	42.256	ng	98
35) Caprolactam	8.528	113	58634m	45.612	ng	
36) 4-Chloro-3-methylphenol	8.639	107	236396	48.707	ng	98
37) 2-Methylnaphthalene	8.804	142	460661	45.514	ng	99
38) 1-Methylnaphthalene	8.904	142	433490	46.096	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	238619	43.035	ng	99
41) Hexachlorocyclopentadiene	8.957	237	231702	102.793	ng	98
43) 2,4,6-Trichlorophenol	9.081	196	157172	48.202	ng	98

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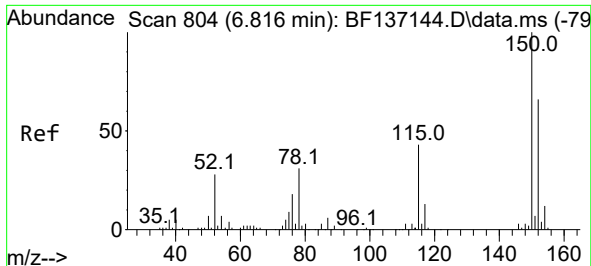
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jan 25 23:14:32 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	168809	48.239	ng	97
46) 1,1'-Biphenyl	9.269	154	585281	45.007	ng	99
47) 2-Chloronaphthalene	9.292	162	435559	45.503	ng	99
48) 2-Nitroaniline	9.386	65	160737	49.999	ng	92
49) Acenaphthylene	9.710	152	700772	45.549	ng	98
50) Dimethylphthalate	9.581	163	540522	48.931	ng	100
51) 2,6-Dinitrotoluene	9.633	165	117056	52.428	ng	91
52) Acenaphthene	9.880	154	478863m	50.291	ng	
53) 3-Nitroaniline	9.798	138	43185	21.407	ng	90
54) 2,4-Dinitrophenol	9.904	184	90916	86.742	ng	89
55) Dibenzofuran	10.057	168	656020	45.672	ng	98
56) 4-Nitrophenol	9.963	139	157451	98.116	ng	94
57) 2,4-Dinitrotoluene	10.039	165	154603	54.230	ng	90
58) Fluorene	10.398	166	509299	46.256	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	150975	49.465	ng	97
60) Diethylphthalate	10.280	149	535440	49.423	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	248453	45.270	ng	99
62) 4-Nitroaniline	10.422	138	101068	50.210	ng	98
63) Azobenzene	10.557	77	579123	45.901	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	64230	50.552	ng	# 80
66) n-Nitrosodiphenylamine	10.516	169	459444	47.514	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	171748	47.259	ng	98
68) Hexachlorobenzene	10.945	284	180660	47.264	ng	99
69) Atrazine	11.045	200	157497	50.556	ng	98
70) Pentachlorophenol	11.139	266	212963	97.775	ng	98
71) Phenanthrene	11.363	178	759572	45.511	ng	100
72) Anthracene	11.416	178	771323	45.366	ng	100
73) Carbazole	11.569	167	654478	45.080	ng	99
74) Di-n-butylphthalate	11.916	149	822021	54.072	ng	99
75) Fluoranthene	12.557	202	755443	43.618	ng	99
77) Benzidine	12.680	184	27117	8.578	ng	97
78) Pyrene	12.786	202	746735	50.796	ng	99
80) Butylbenzylphthalate	13.421	149	228614	66.050	ng	92
81) Benzo(a)anthracene	13.980	228	579745	48.619	ng	98
82) 3,3'-Dichlorobenzidine	13.945	252	104241	35.359	ng	99
83) Chrysene	14.015	228	552412	48.878	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	355654	68.302	ng	97
85) Di-n-octyl phthalate	14.610	149	551556	67.821	ng	95
87) Indeno(1,2,3-cd)pyrene	16.986	276	546981	43.214	ng	99
88) Benzo(b)fluoranthene	15.045	252	568482	45.956	ng	97
89) Benzo(k)fluoranthene	15.074	252	524133	43.364	ng	99
90) Benzo(a)pyrene	15.415	252	505912	46.297	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	451267	44.234	ng	98
92) Benzo(g,h,i)perylene	17.445	276	400800	40.794	ng	97

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



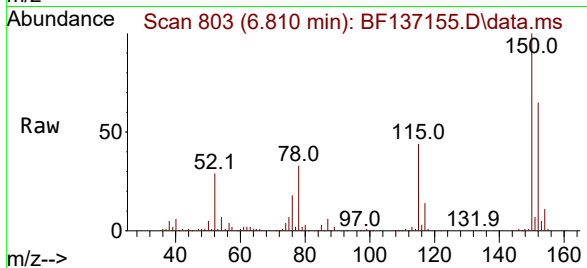
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BF137155.D
 Acq: 25 Jan 2024 19:02

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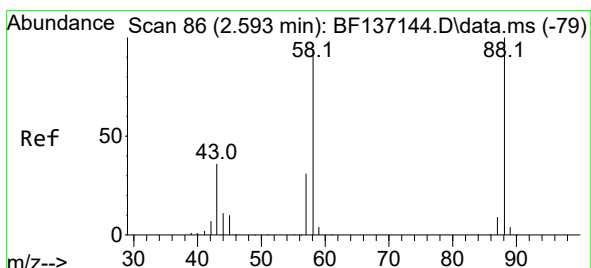
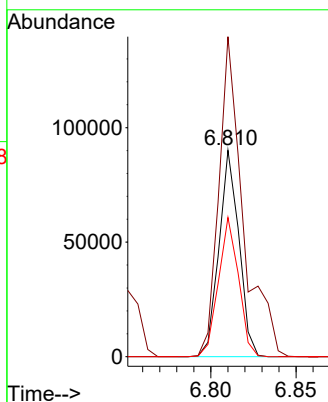
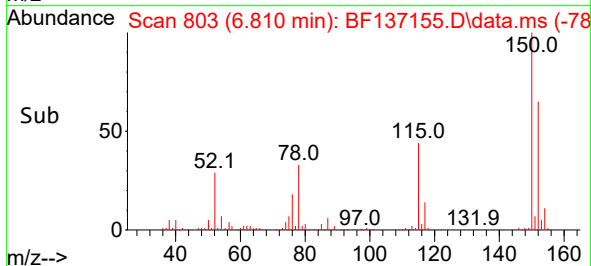


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 Ion Ratio Lower Upper
 152 100
 150 155.0 121.2 181.8
 115 67.4 52.5 78.7

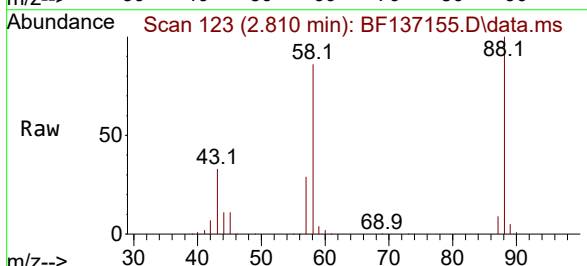
Manual Integrations

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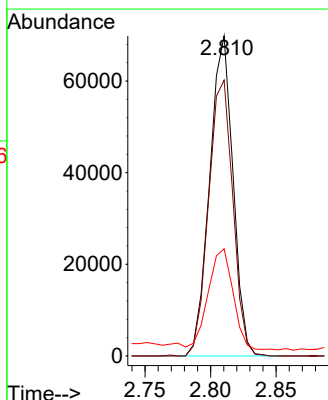
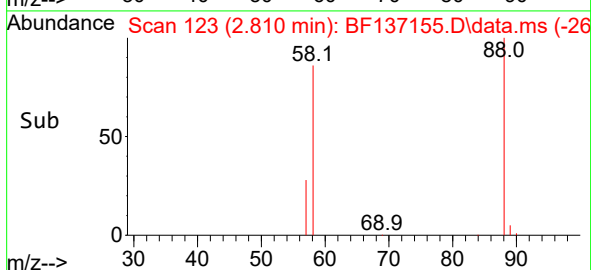
Reviewed By :Jagrut Upadhyay 01/26/2024
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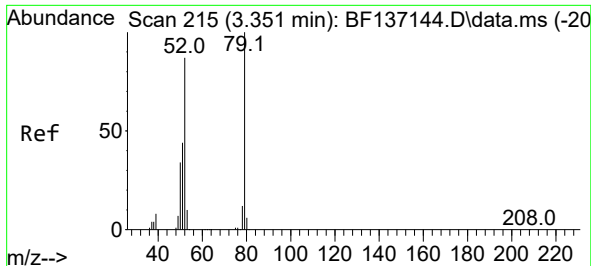


#2
 1,4-Dioxane
 Concen: 36.103 ng
 RT: 2.810 min Scan# 123
 Delta R.T. 0.218 min
 Lab File: BF137155.D
 Acq: 25 Jan 2024 19:02



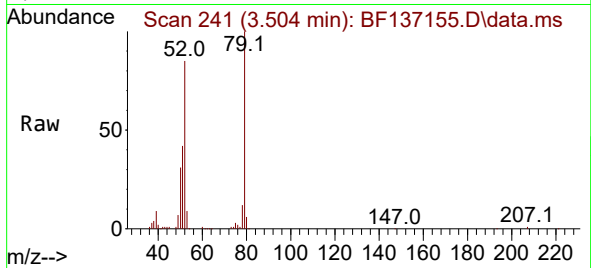
Tgt Ion: 88 Resp: 86491
 Ion Ratio Lower Upper
 88 100
 58 89.6 76.9 115.3
 43 0.0 29.8 44.8#





#3
Pyridine
Concen: 30.120 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.153 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

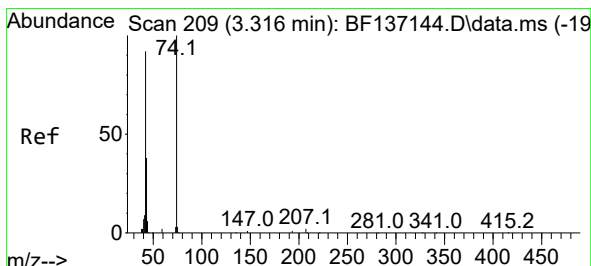
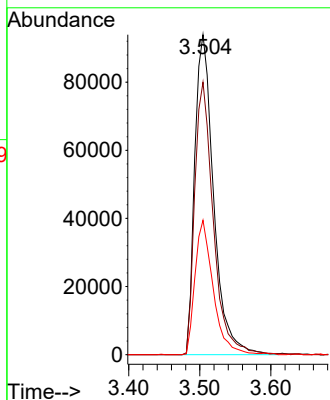
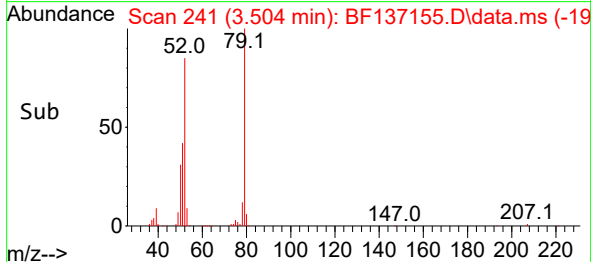
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



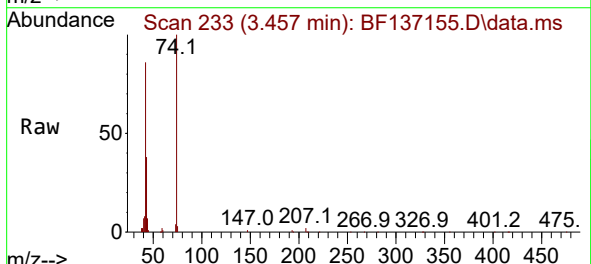
Tgt Ion: 79 Resp: 174144
Ion Ratio Lower Upper
79 100
52 85.2 69.8 104.8
51 42.0 35.1 52.7

Manual Integrations
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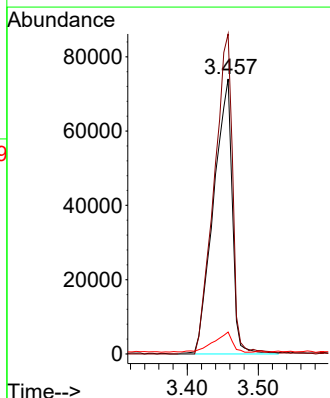
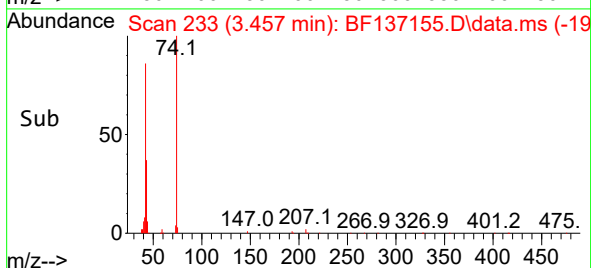
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

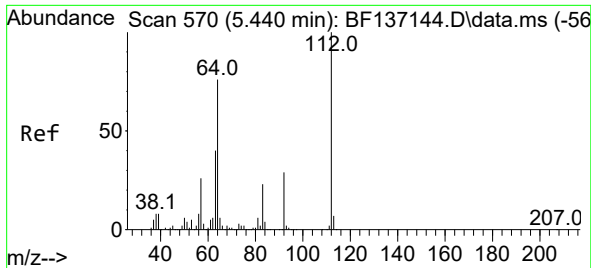


#4
n-Nitrosodimethylamine
Concen: 40.156 ng
RT: 3.457 min Scan# 233
Delta R.T. 0.141 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02



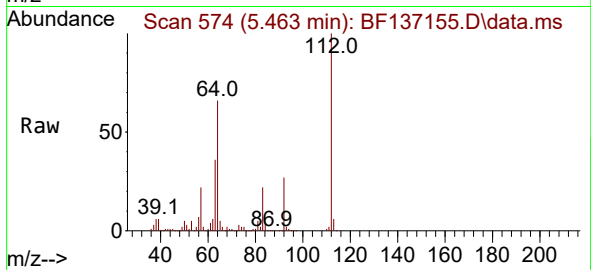
Tgt Ion: 42 Resp: 135288
Ion Ratio Lower Upper
42 100
74 116.3 87.4 131.0
44 8.0 6.2 9.2





#5
2-Fluorophenol
Concen: 112.836 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

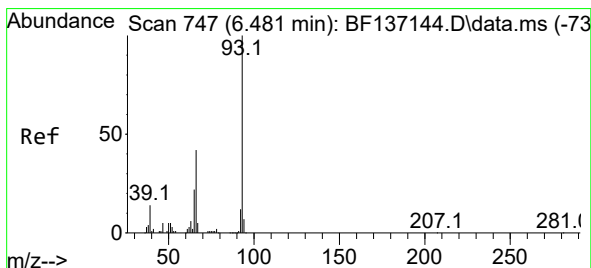
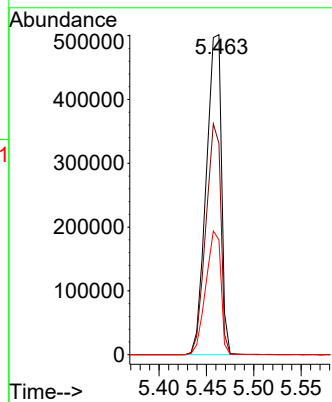
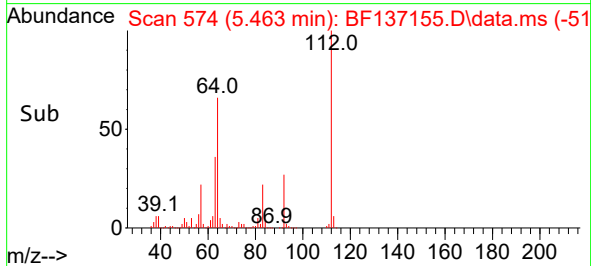
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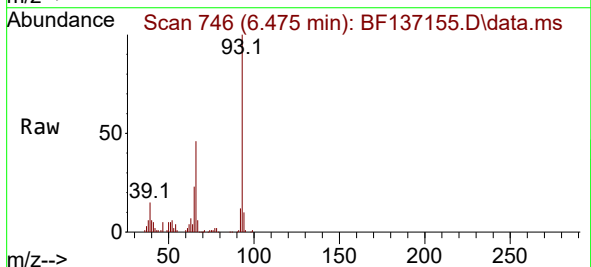
Tgt Ion:112 Resp: 55944
Ion Ratio Lower Upper
112 100
64 66.0 60.8 91.2
63 35.9 32.1 48.1

Manual Integrations
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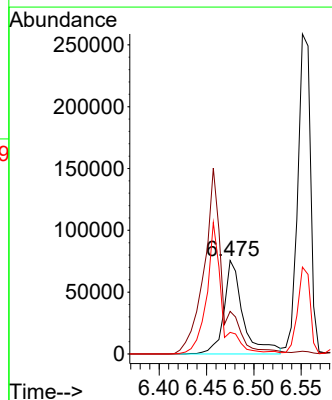
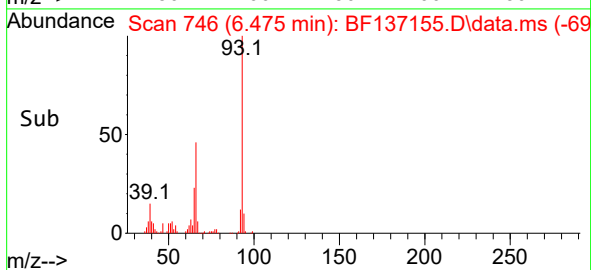
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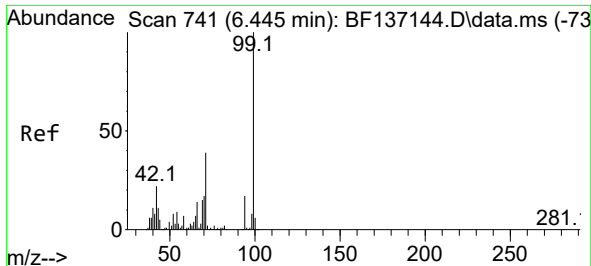


#6
Aniline
Concen: 13.517 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02



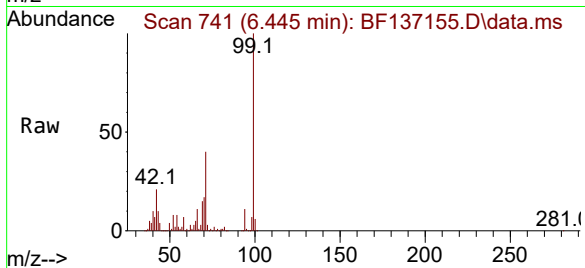
Tgt Ion: 93 Resp: 106306
Ion Ratio Lower Upper
93 100
66 45.6 35.4 53.0
65 23.2 18.3 27.5





#7
Phenol-d6
Concen: 108.525 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

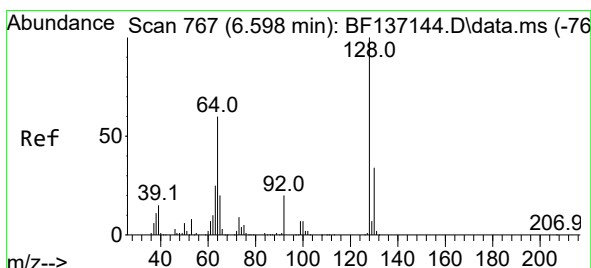
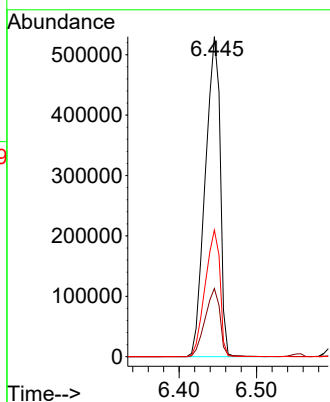
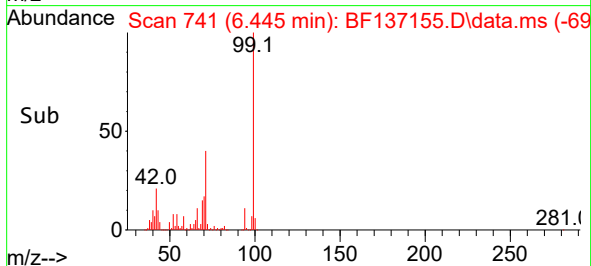
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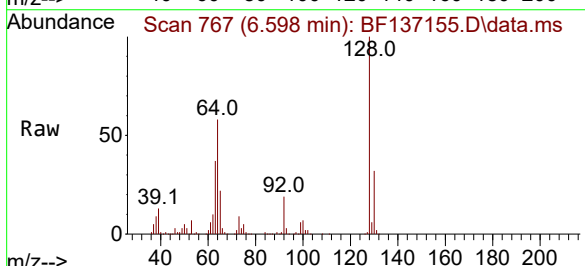
Tgt Ion: 99 Resp: 707458
Ion Ratio Lower Upper
99 100
42 21.3 17.5 26.3
71 39.6 31.2 46.8

Manual Integrations
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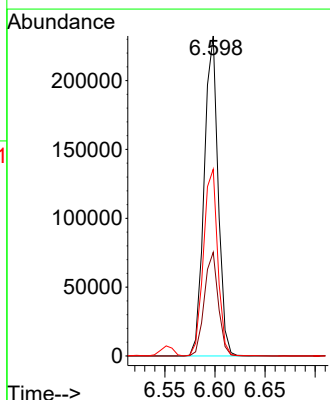
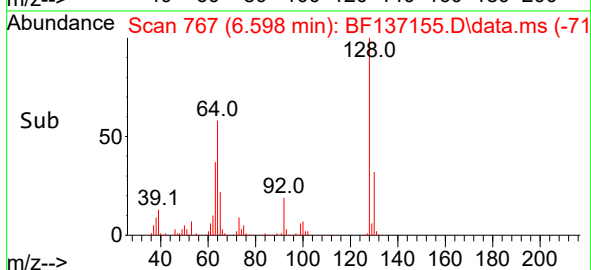
Reviewed By :Jagrut Upadhyay 01/26/2024
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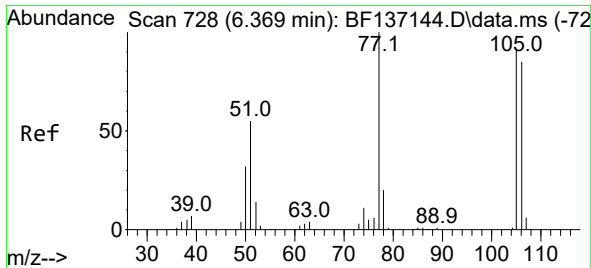


#8
2-Chlorophenol
Concen: 44.425 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02



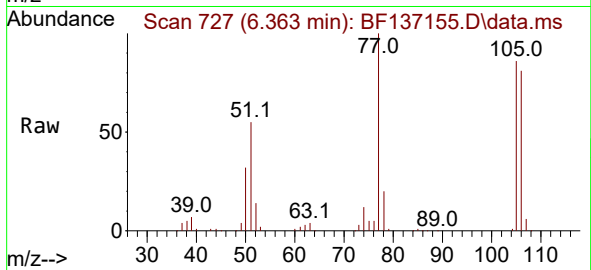
Tgt Ion:128 Resp: 226079
Ion Ratio Lower Upper
128 100
130 32.4 14.1 54.1
64 58.3 40.6 80.6





#9
Benzaldehyde
Concen: 33.173 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

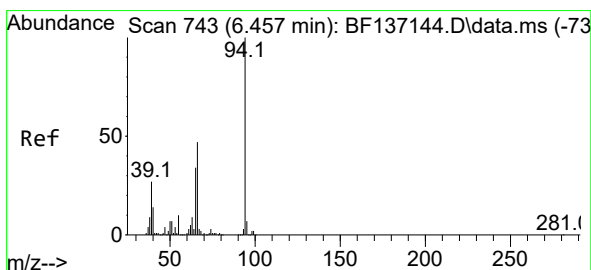
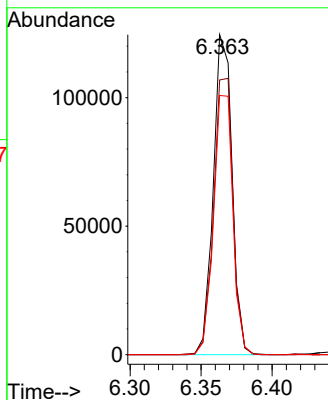
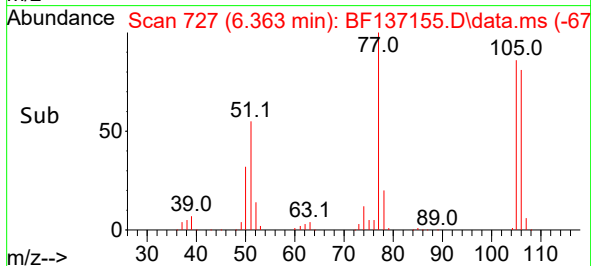
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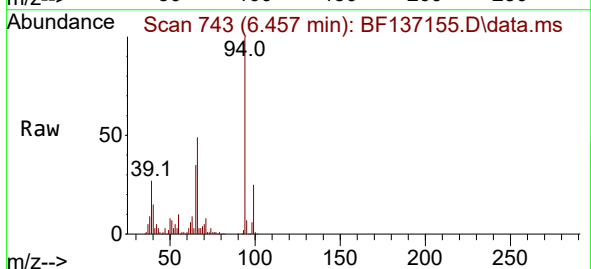
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Ion Ratio Lower Upper
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105 85.9 70.9 110.9
106 81.0 65.0 105.0

Manual Integrations
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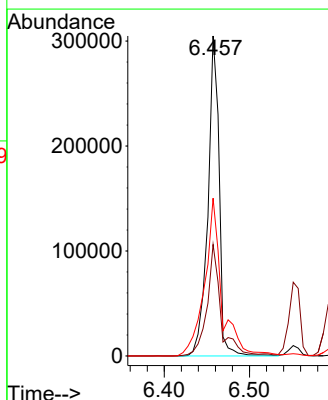
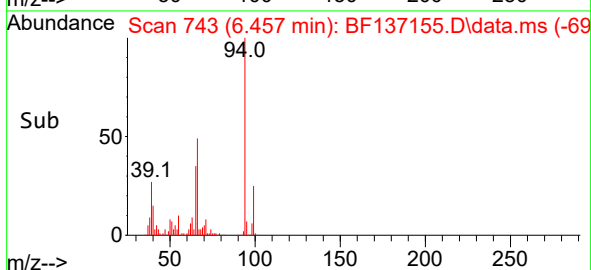
Reviewed By :Jagrut Upadhyay 01/26/2024
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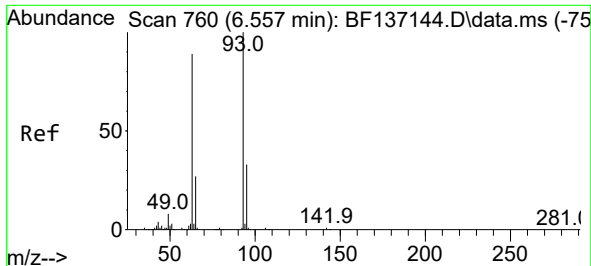


#10
Phenol
Concen: 37.583 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02



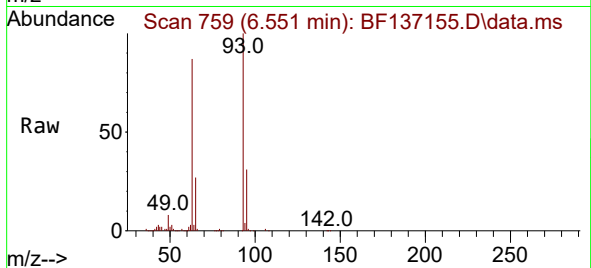
Tgt Ion: 94 Resp: 279893
Ion Ratio Lower Upper
94 100
65 34.9 14.1 54.1
66 49.3 26.9 66.9





#11
bis(2-Chloroethyl)ether
Concen: 44.038 ng
RT: 6.551 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

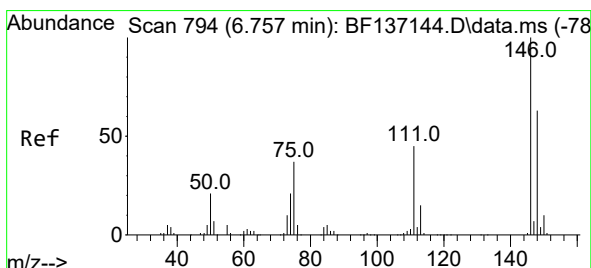
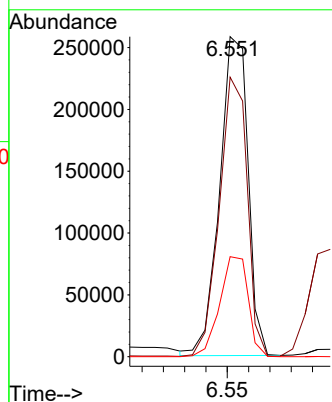
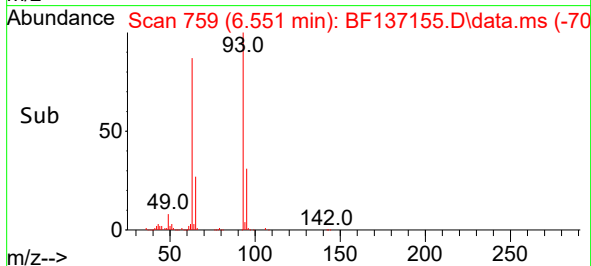
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion: 93 Resp: 239100
Ion Ratio Lower Upper
93 100
63 87.4 69.3 109.3
95 31.2 12.9 52.9

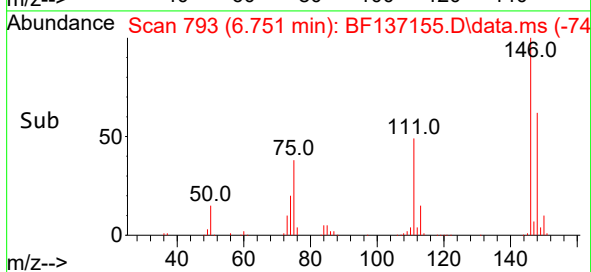
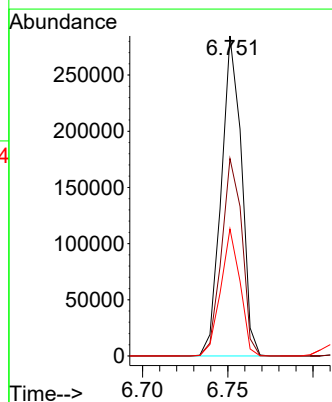
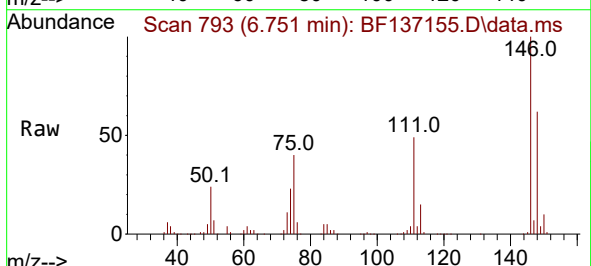
Manual Integrations
APPROVED

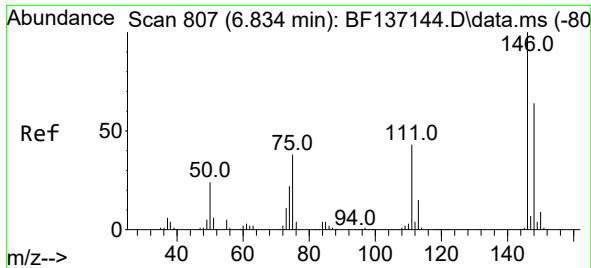
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#12
1,3-Dichlorobenzene
Concen: 40.258 ng
RT: 6.751 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

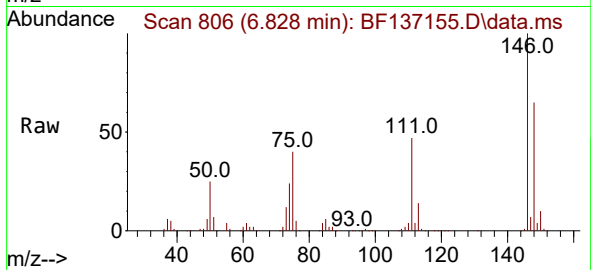
Tgt Ion:146 Resp: 234030
Ion Ratio Lower Upper
146 100
148 61.7 50.5 75.7
75 39.7 29.4 44.2





#13
1,4-Dichlorobenzene
Concen: 40.927 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

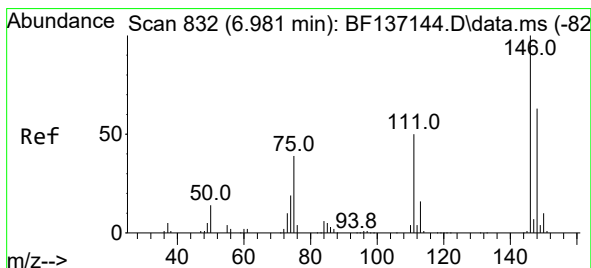
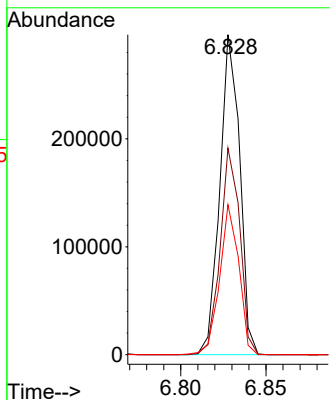
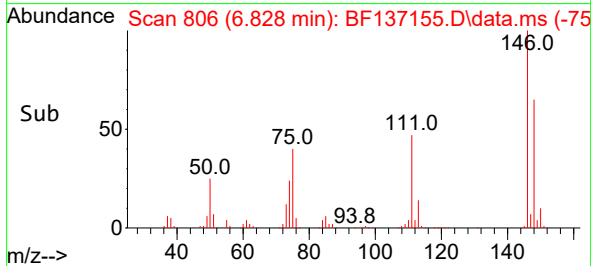
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



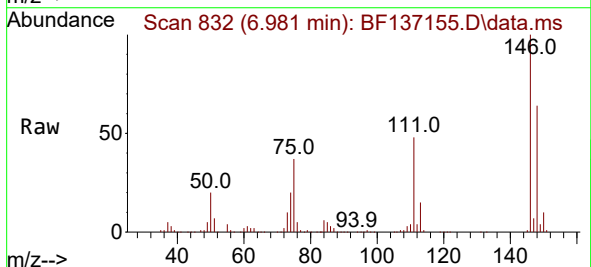
Tgt Ion:146 Resp: 240644
Ion Ratio Lower Upper
146 100
148 64.5 51.6 77.4
111 46.8 34.7 52.1

Manual Integrations
APPROVED

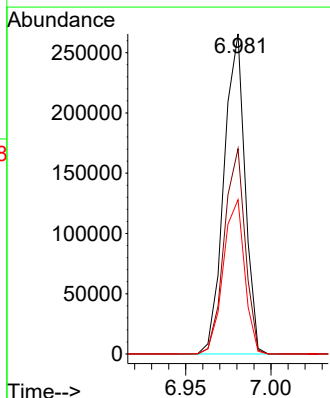
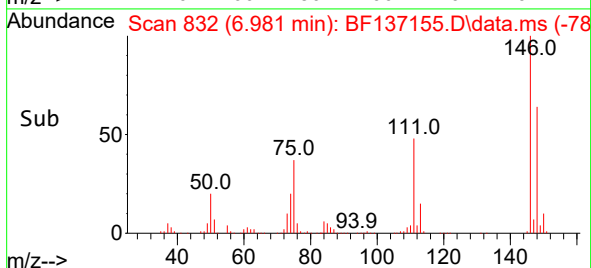
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

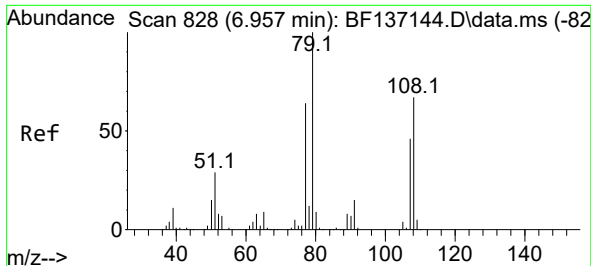


#14
1,2-Dichlorobenzene
Concen: 41.025 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02



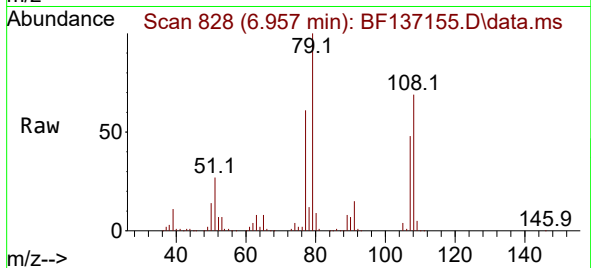
Tgt Ion:146 Resp: 227962
Ion Ratio Lower Upper
146 100
148 64.2 50.4 75.6
111 48.2 39.6 59.4





#15
Benzyl Alcohol
Concen: 46.799 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

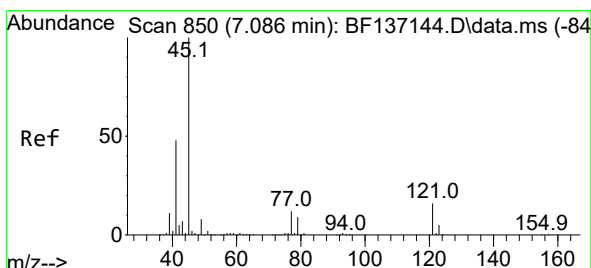
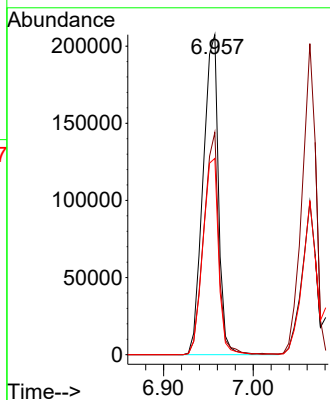
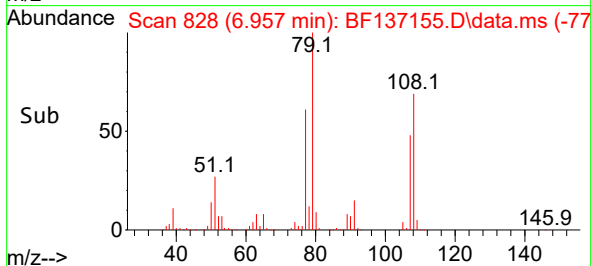
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion: 79 Resp: 24732
Ion Ratio Lower Upper
79 100
108 69.5 53.3 79.9
77 61.4 51.1 76.7

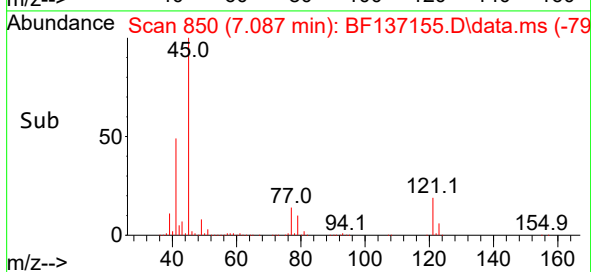
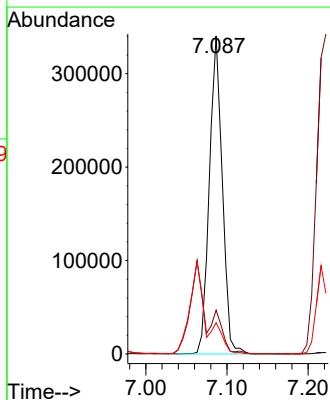
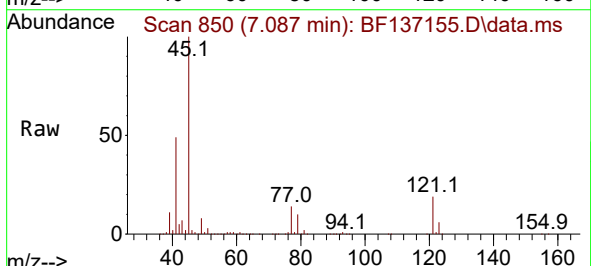
Manual Integrations
APPROVED

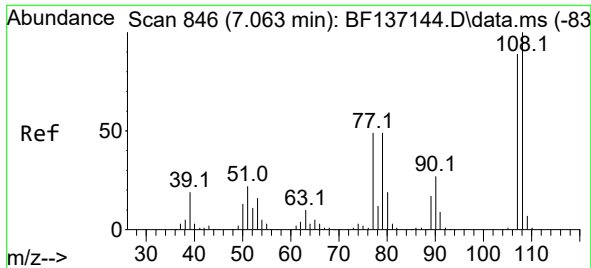
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.228 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Tgt Ion: 45 Resp: 375797
Ion Ratio Lower Upper
45 100
77 13.8 0.0 31.9
79 9.8 0.0 28.9





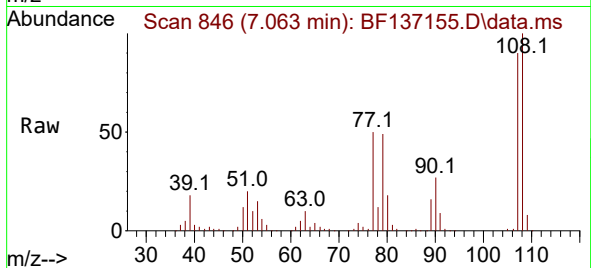
#17
2-Methylphenol
Concen: 44.692 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

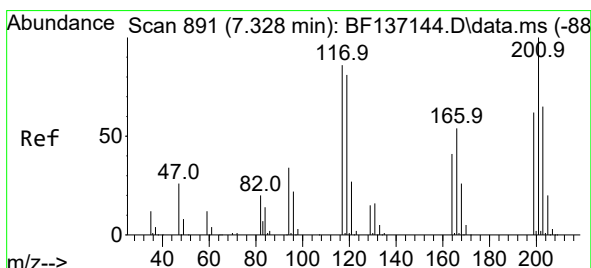
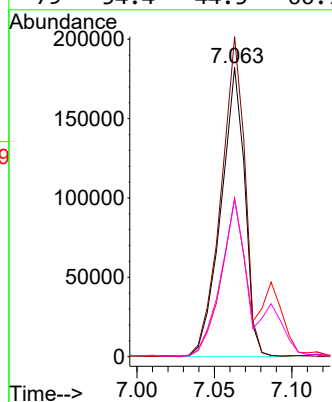


Tgt Ion:107 Resp: 19490
Ion Ratio Lower Upper
107 100
108 110.6 89.8 134.6
77 54.8 44.2 66.4
79 54.4 44.5 66.7

Manual Integrations

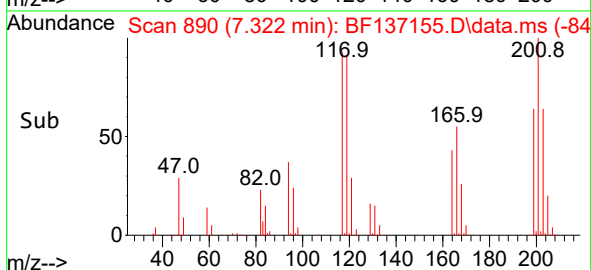
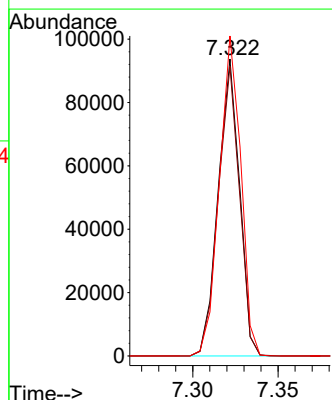
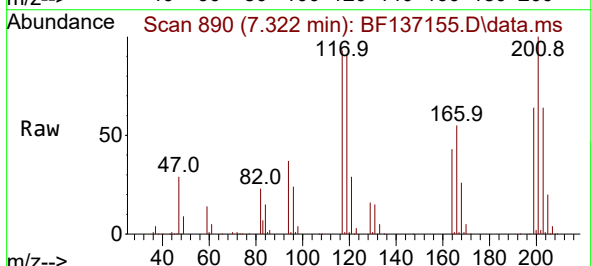
APPROVED

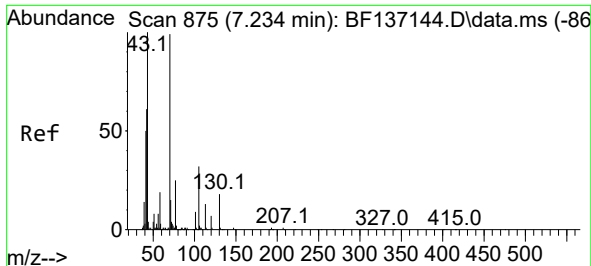
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#18
Hexachloroethane
Concen: 41.217 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Tgt Ion:117 Resp: 81806
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.6
201 107.8 93.0 139.6





#19

n-Nitroso-di-n-propylamine

Concen: 43.964 ng

RT: 7.228 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137155.D

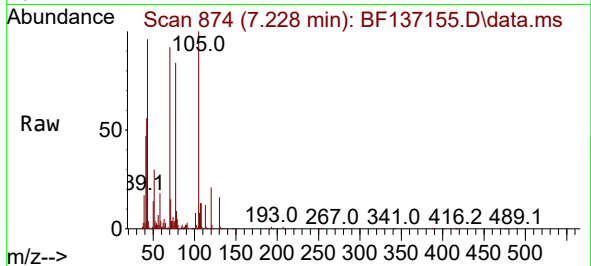
Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

72-11985MSD



Tgt Ion: 70 Resp: 19390

Ion Ratio Lower Upper

70 100

42 61.5 49.3 73.9

101 8.2 7.4 11.0

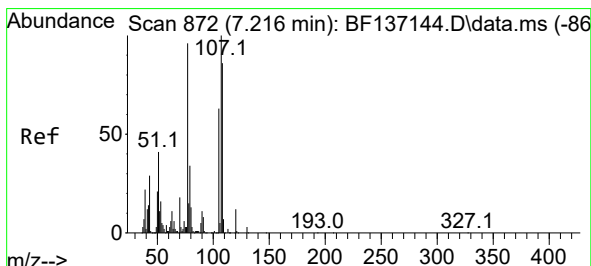
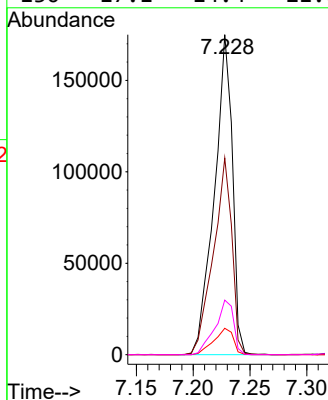
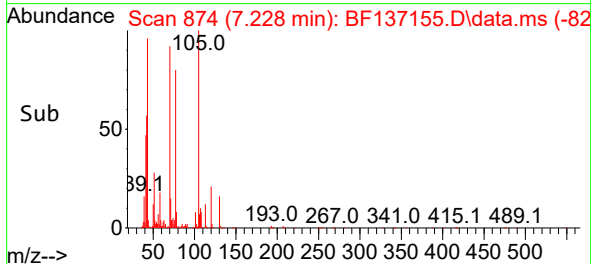
130 17.1 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024

Supervised By :mohammad ahmed 01/29/2024



#20

3+4-Methylphenols

Concen: 44.243 ng

RT: 7.216 min Scan# 872

Delta R.T. 0.000 min

Lab File: BF137155.D

Acq: 25 Jan 2024 19:02

Tgt Ion:107 Resp: 243826

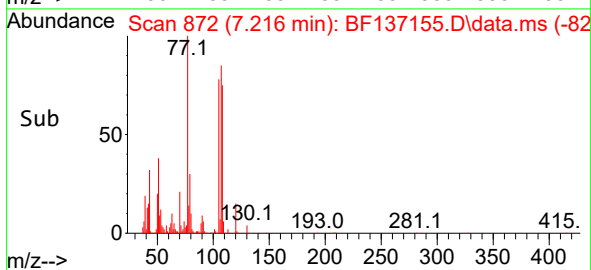
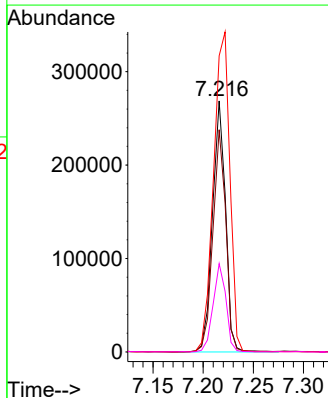
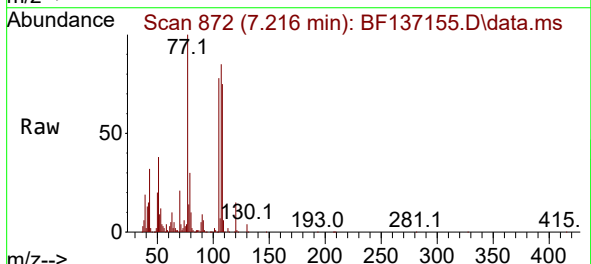
Ion Ratio Lower Upper

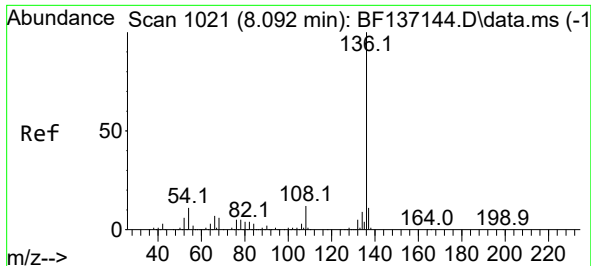
107 100

108 88.5 66.0 106.0

77 118.0 76.4 116.4#

79 35.2 14.2 54.2





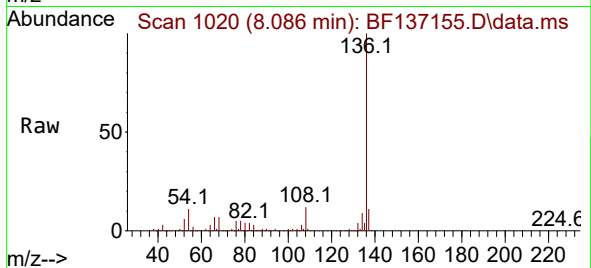
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

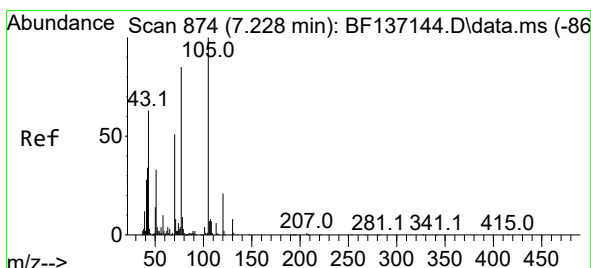
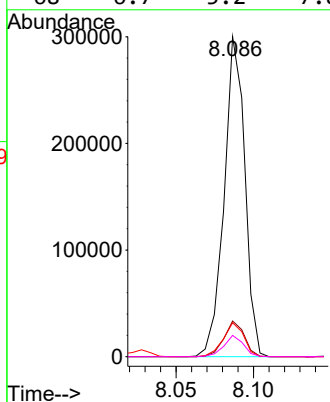
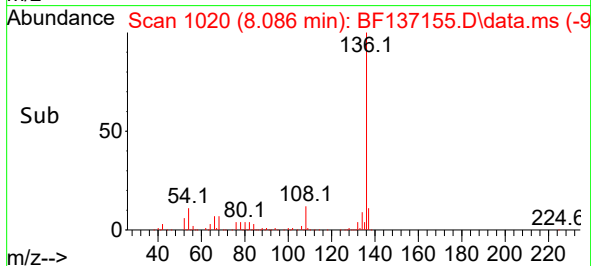


Tgt Ion:136 Resp: 278300
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 10.6 8.8 13.2
68 6.7 5.2 7.8

Manual Integrations

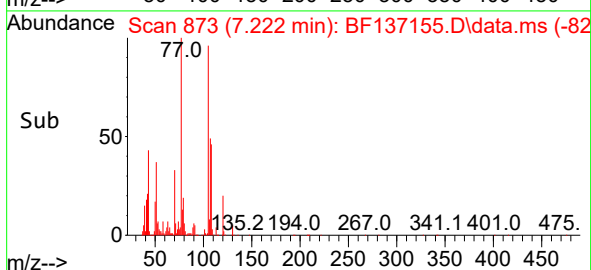
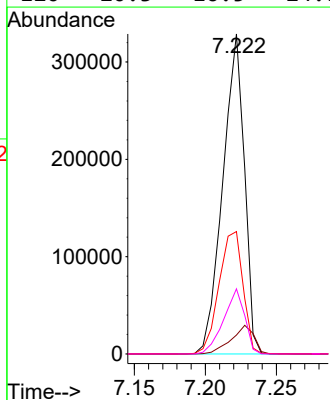
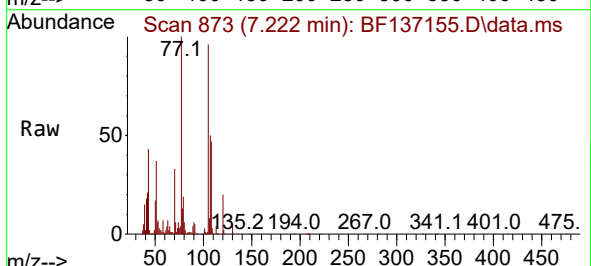
APPROVED

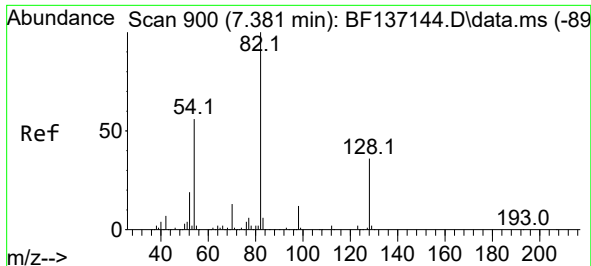
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#22
Acetophenone
Concen: 43.890 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

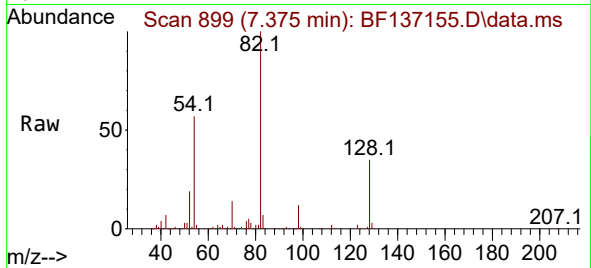
Tgt Ion:105 Resp: 347254
Ion Ratio Lower Upper
105 100
71 5.9 6.3 9.5#
51 38.2 26.1 39.1
120 20.3 16.5 24.7





#23
Nitrobenzene-d5
Concen: 87.282 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

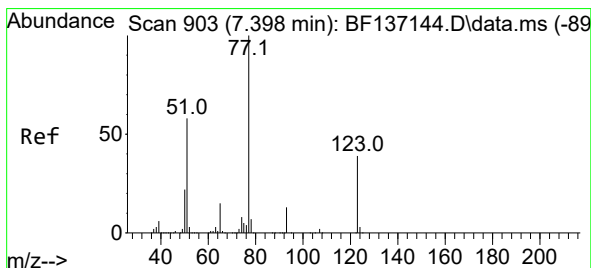
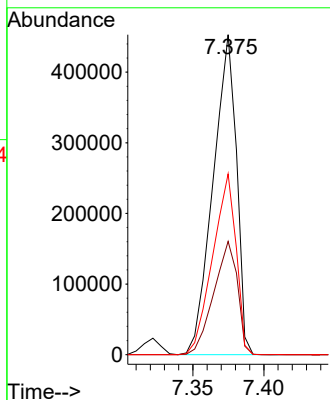
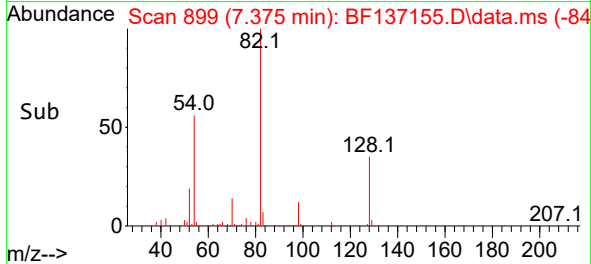
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion: 82 Resp: 518170
Ion Ratio Lower Upper
82 100
128 35.4 29.0 43.6
54 56.5 44.6 67.0

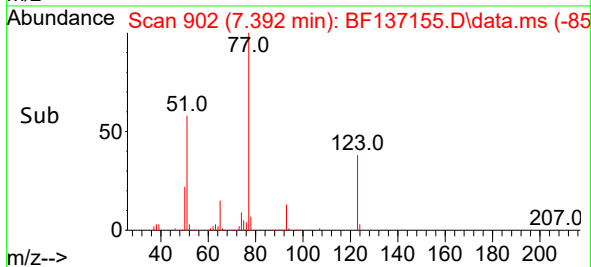
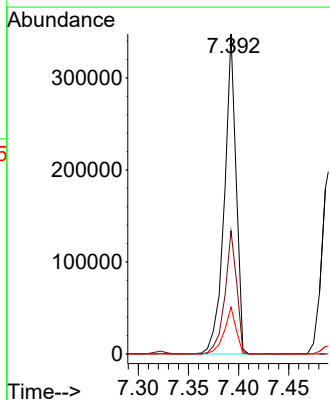
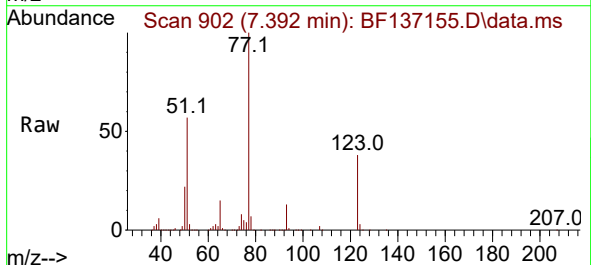
Manual Integrations
APPROVED

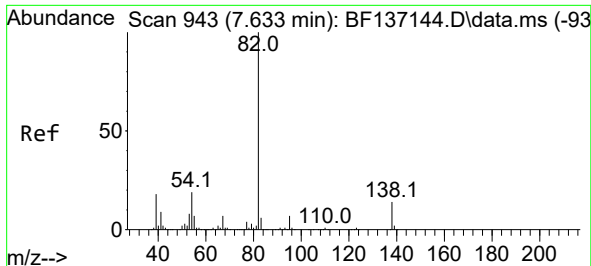
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#24
Nitrobenzene
Concen: 47.302 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Tgt Ion: 77 Resp: 282390
Ion Ratio Lower Upper
77 100
123 38.4 31.6 47.4
65 14.7 11.6 17.4





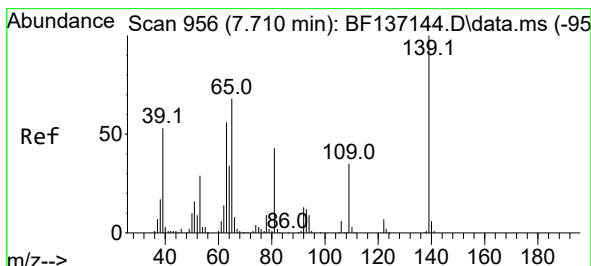
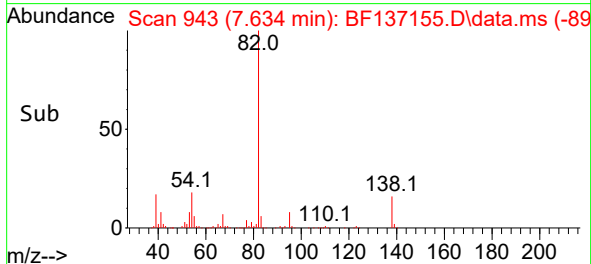
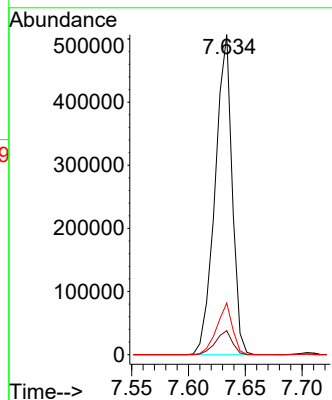
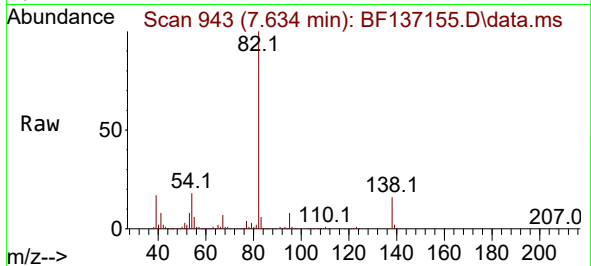
#25
Isophorone
Concen: 45.060 ng
RT: 7.634 min Scan# 943
Delta R.T. 0.001 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Instrument :
BNA_F
ClientSampleId :
72-11985MSD

Tgt Ion: 82 Resp: 528229
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 16.1 11.5 17.3

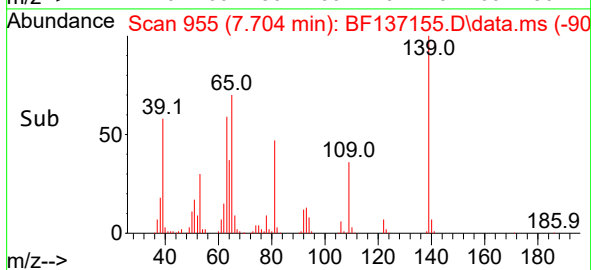
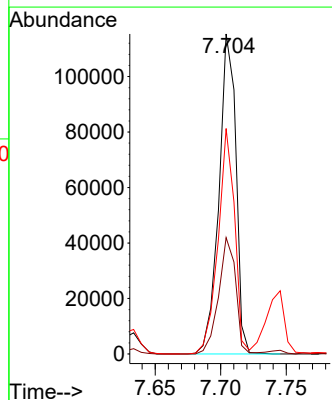
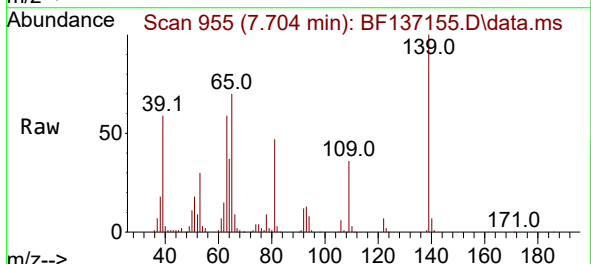
Manual Integrations
APPROVED

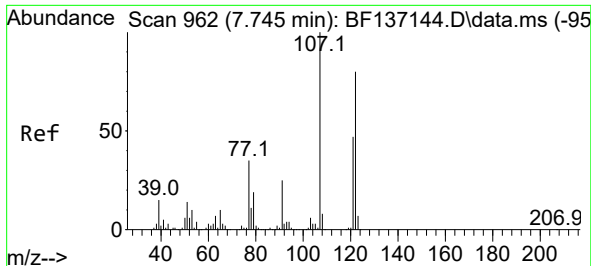
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#26
2-Nitrophenol
Concen: 50.282 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Tgt Ion:139 Resp: 103514
Ion Ratio Lower Upper
139 100
109 36.3 27.8 41.8
65 70.5 54.6 82.0





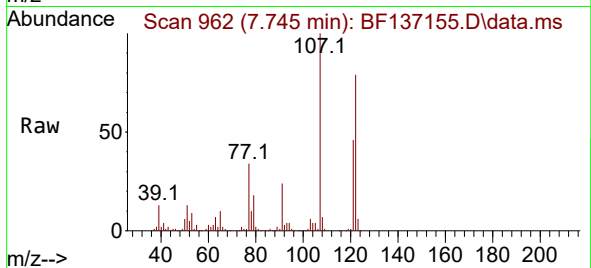
#27
2,4-Dimethylphenol
Concen: 48.314 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

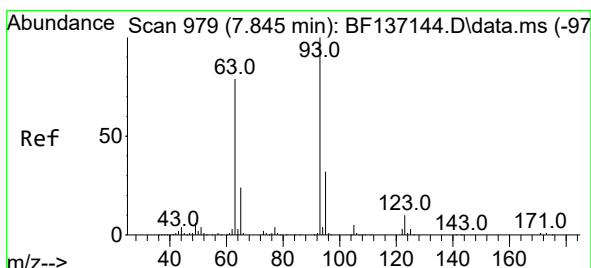
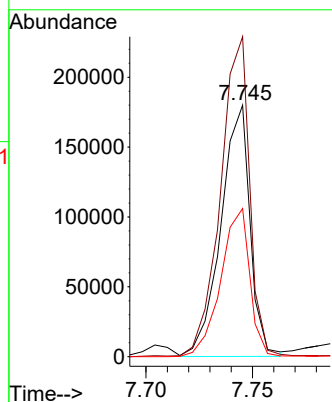
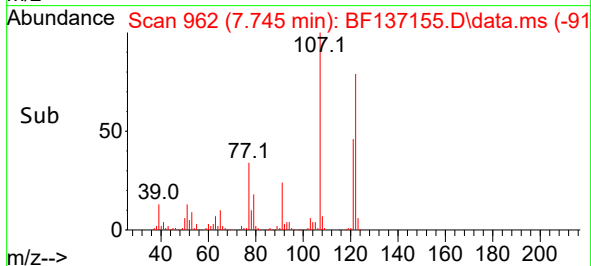


Tgt Ion:122 Resp: 17125
Ion Ratio Lower Upper
122 100
107 127.2 100.2 150.2
121 58.9 47.2 70.8

Manual Integrations

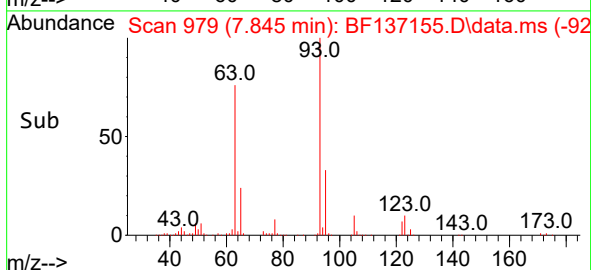
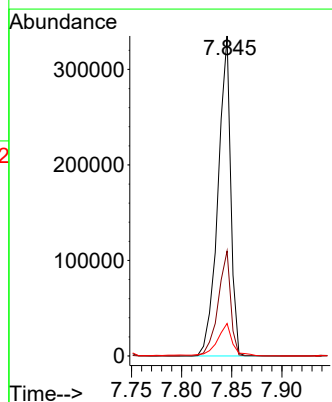
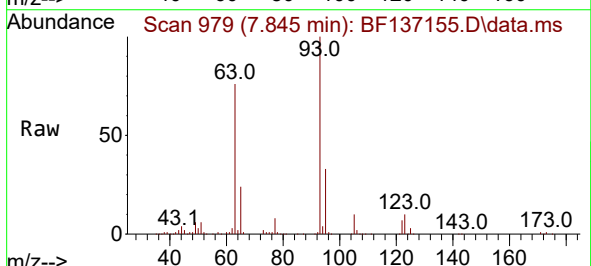
APPROVED

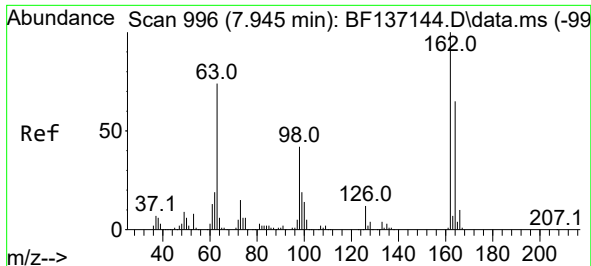
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.709 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Tgt Ion: 93 Resp: 295297
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 10.2 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 46.418 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF137155.D

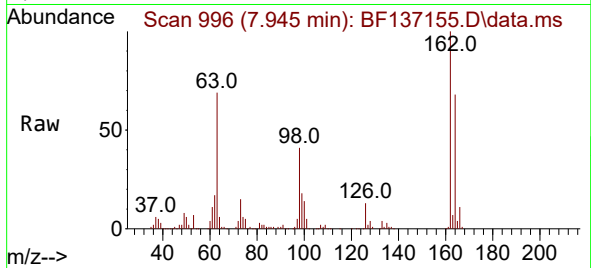
Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

72-11985MSD



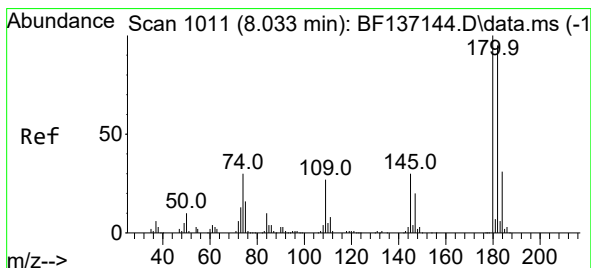
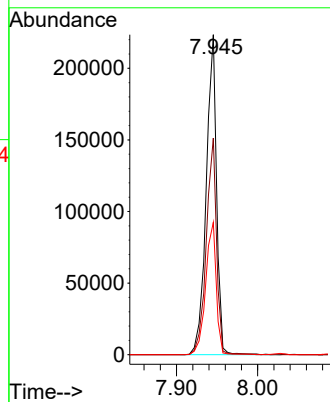
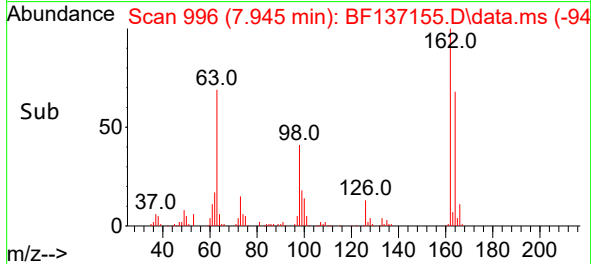
Tgt Ion:162 Resp: 19778

Ion	Ratio	Lower	Upper
162	100		
164	67.7	44.9	84.9
98	41.3	22.4	62.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.947 ng

RT: 8.028 min Scan# 1010

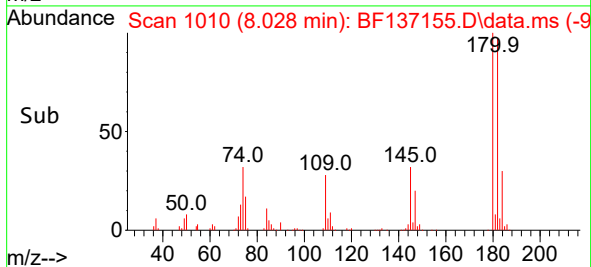
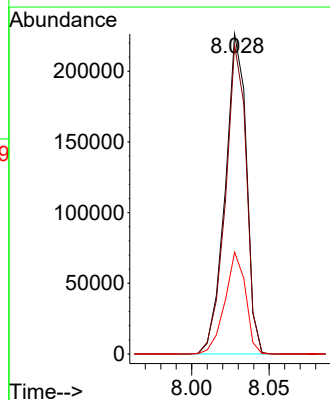
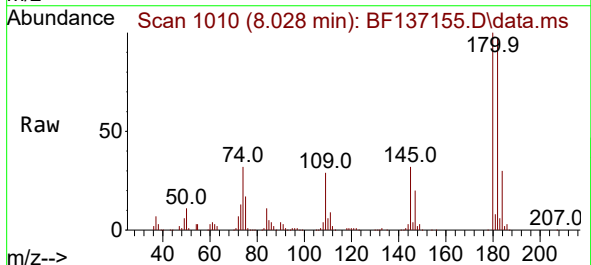
Delta R.T. -0.006 min

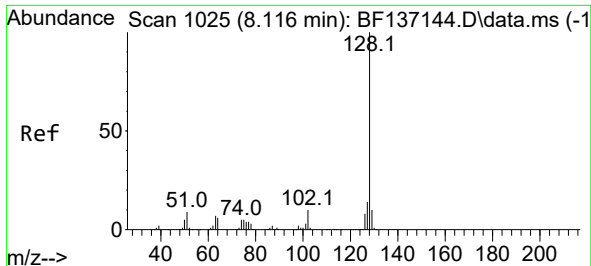
Lab File: BF137155.D

Acq: 25 Jan 2024 19:02

Tgt Ion:180 Resp: 215477

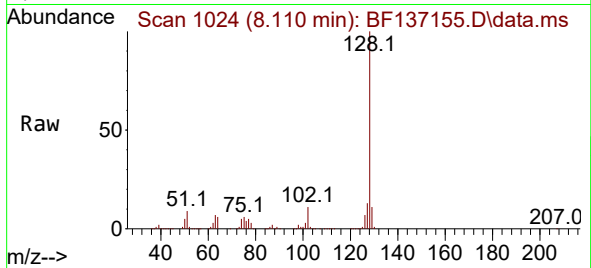
Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.2	114.4
145	31.8	24.4	36.6





#31
Naphthalene
Concen: 44.316 ng
RT: 8.110 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

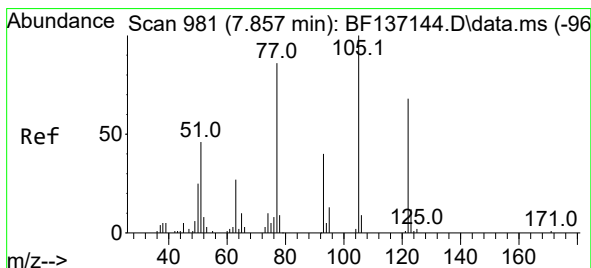
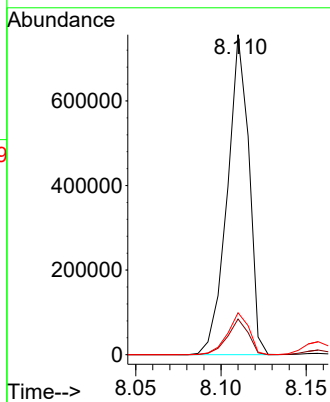
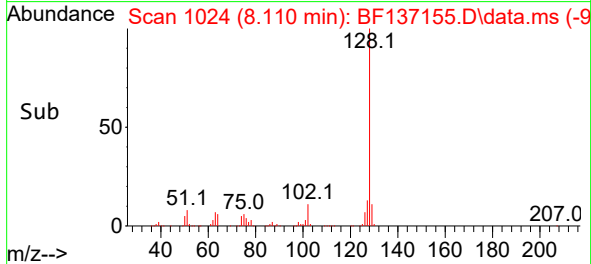
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion:128 Resp: 665992
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.1 10.8 16.2

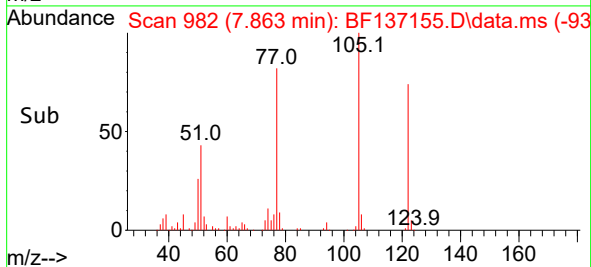
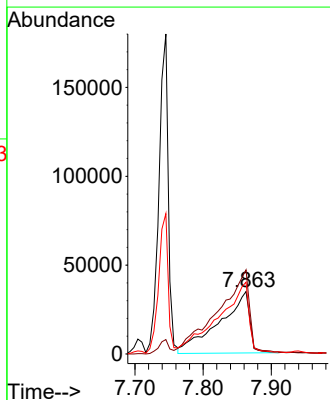
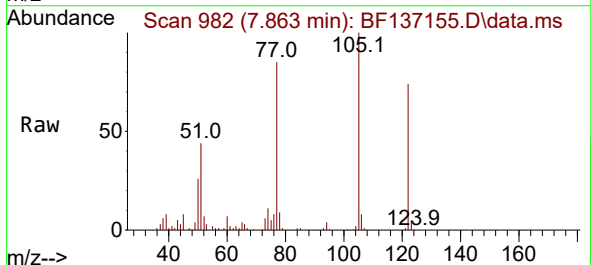
Manual Integrations
APPROVED

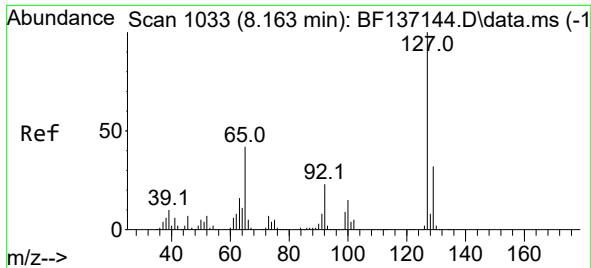
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#32
Benzoic acid
Concen: 46.166 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Tgt Ion:122 Resp: 106694
Ion Ratio Lower Upper
122 100
105 135.1 123.2 163.2
77 115.2 107.6 147.6





#33
4-Chloroaniline
Concen: 7.777 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

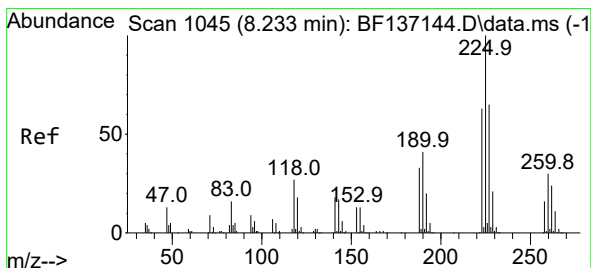
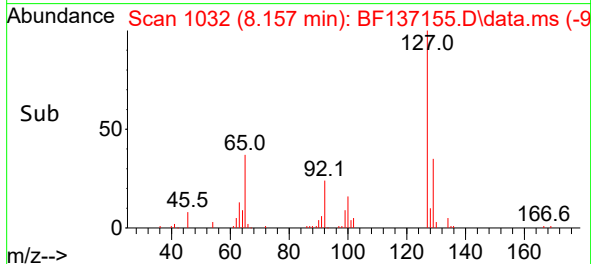
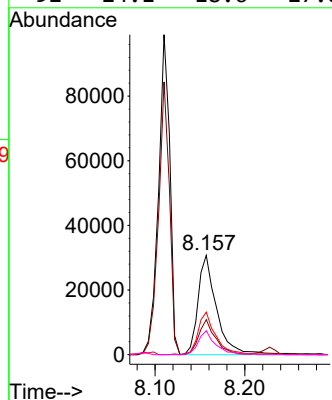
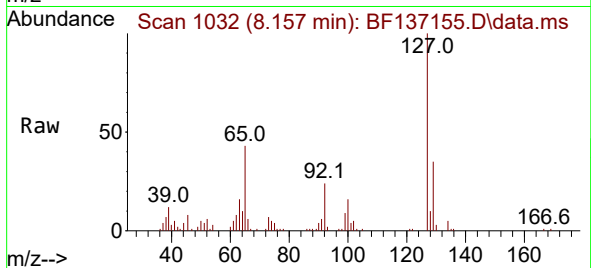
72-11985MSD

Tgt Ion:127	Resp: 4412
Ion Ratio	Lower Upper
127 100	
129 35.3	25.6 38.4
65 42.7	33.8 50.6
92 24.1	18.6 27.8

Manual Integrations

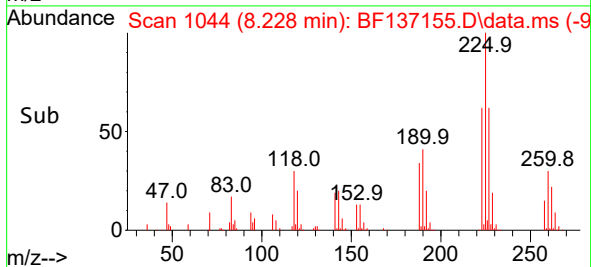
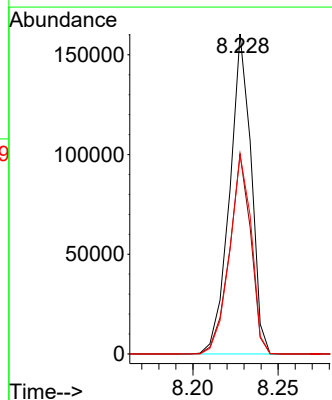
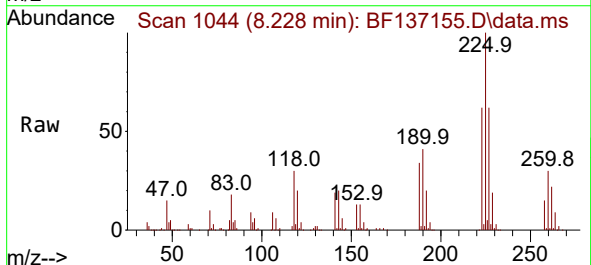
APPROVED

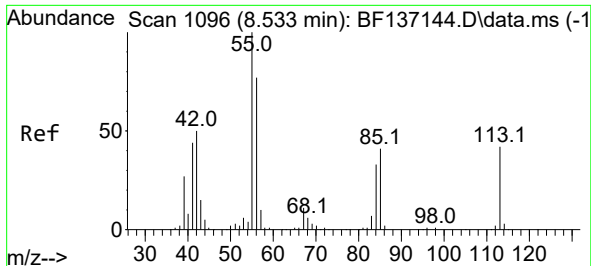
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#34
Hexachlorobutadiene
Concen: 42.256 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

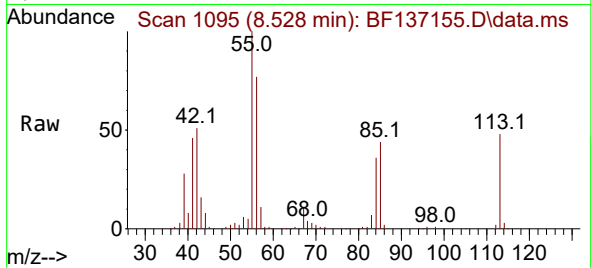
Tgt Ion:225	Resp: 140331
Ion Ratio	Lower Upper
225 100	
223 62.5	50.7 76.1
227 62.3	52.0 78.0





#35
 Caprolactam
 Concen: 45.612 ng m
 RT: 8.528 min Scan# 1095
 Delta R.T. -0.006 min
 Lab File: BF137155.D
 Acq: 25 Jan 2024 19:02

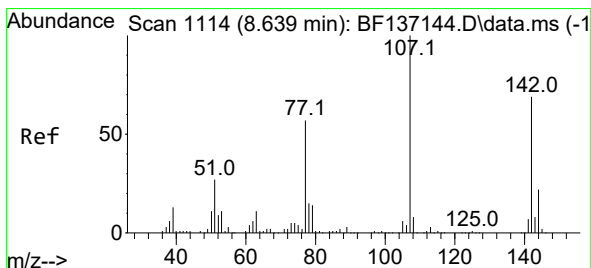
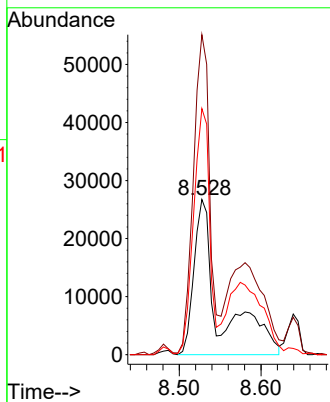
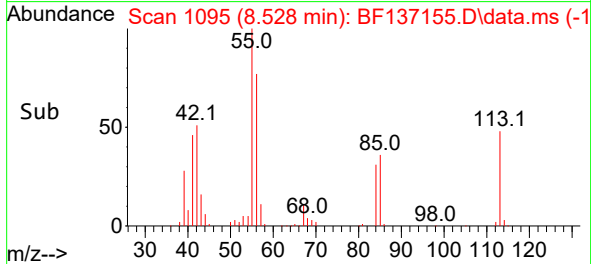
Instrument :
 BNA_F
 ClientSampleId :
 72-11985MSD



Tgt Ion:113 Resp: 58634
 Ion Ratio Lower Upper
 113 100
 55 206.2 215.7 255.7
 56 158.6 160.8 200.8

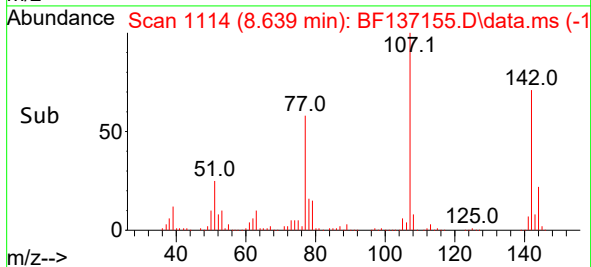
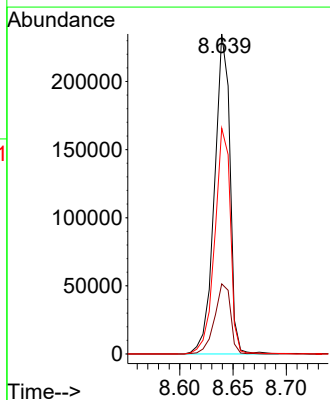
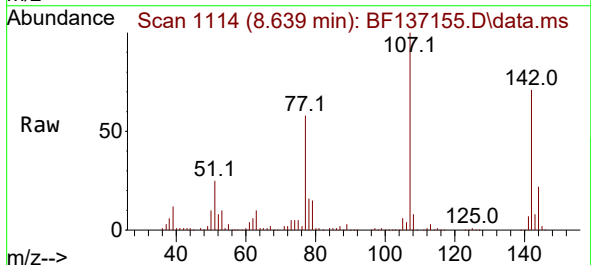
Manual Integrations
 APPROVED

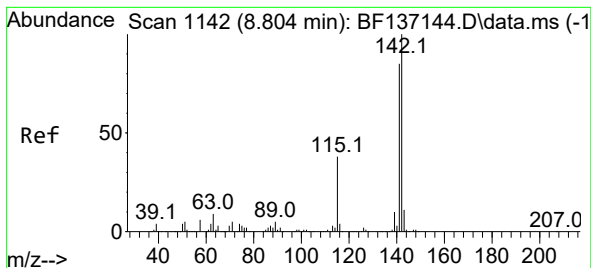
Reviewed By :Jagrut Upadhyay 01/26/2024
 Supervised By :mohammad ahmed 01/29/2024



#36
 4-Chloro-3-methylphenol
 Concen: 48.707 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF137155.D
 Acq: 25 Jan 2024 19:02

Tgt Ion:107 Resp: 236396
 Ion Ratio Lower Upper
 107 100
 144 21.9 17.8 26.6
 142 70.6 54.8 82.2





#37

2-Methylnaphthalene

Concen: 45.514 ng

RT: 8.804 min Scan# 1142

Delta R.T. 0.000 min

Lab File: BF137155.D

Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

Tgt Ion:142 Resp: 46066

Ion Ratio Lower Upper

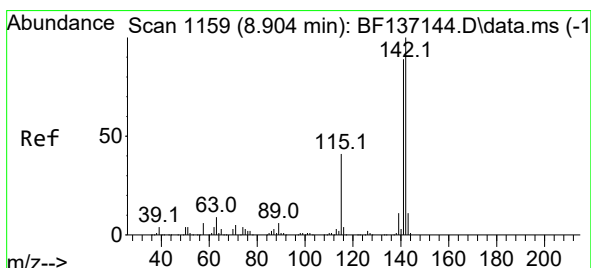
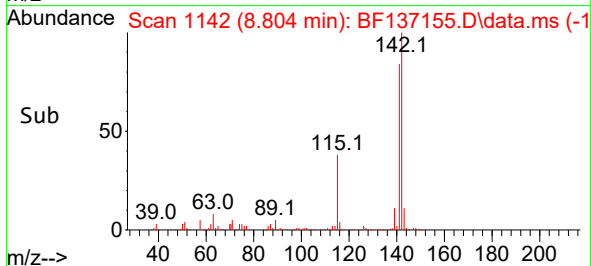
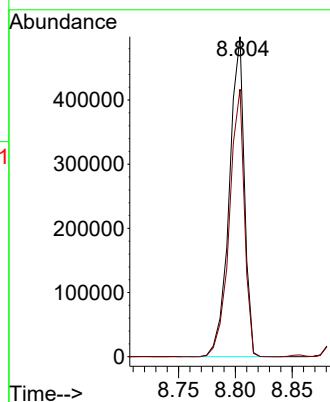
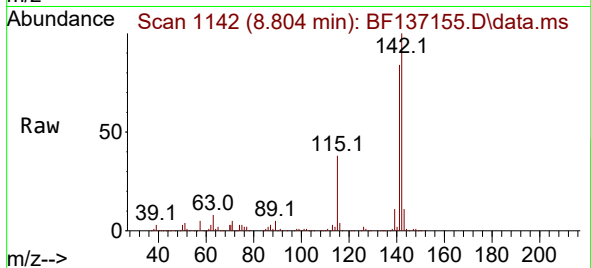
142 100

141 83.6 67.8 101.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#38

1-Methylnaphthalene

Concen: 46.096 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF137155.D

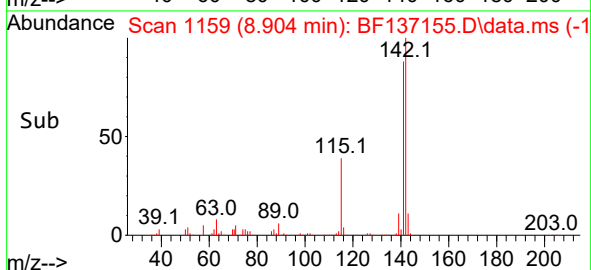
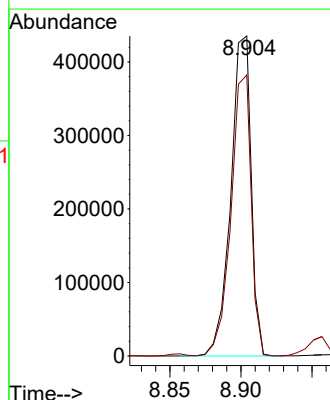
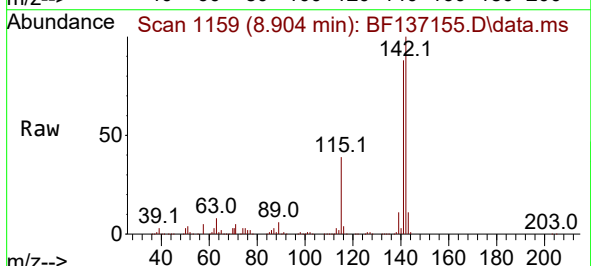
Acq: 25 Jan 2024 19:02

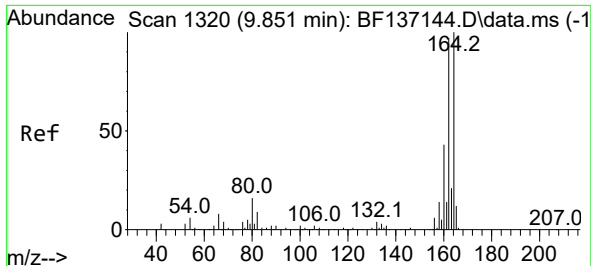
Tgt Ion:142 Resp: 433490

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.6





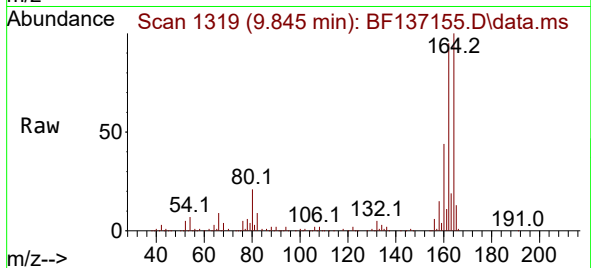
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

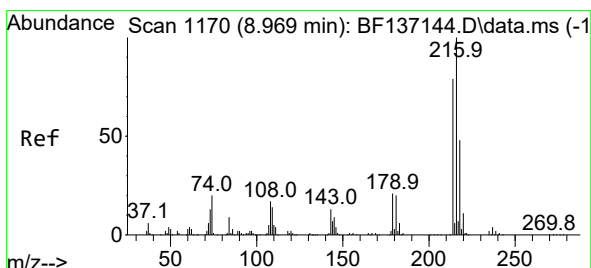
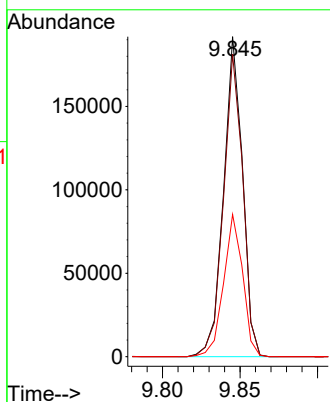
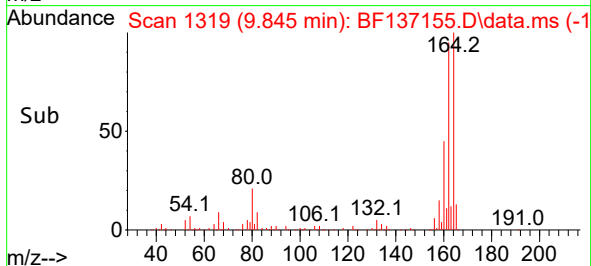


Tgt Ion:164 Resp: 163110
Ion Ratio Lower Upper
164 100
162 94.5 77.5 116.3
160 44.4 34.7 52.1

Manual Integrations

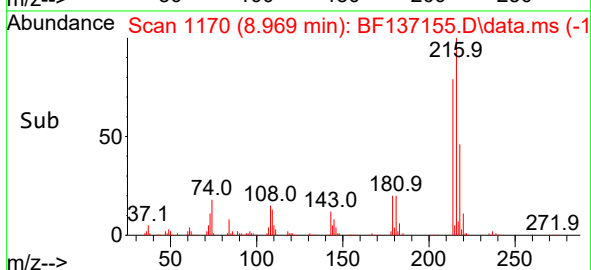
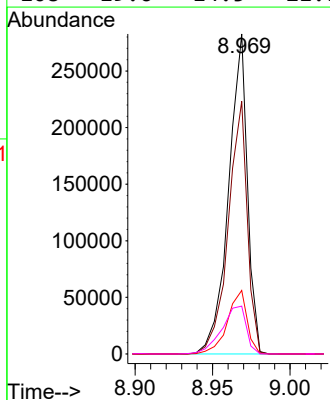
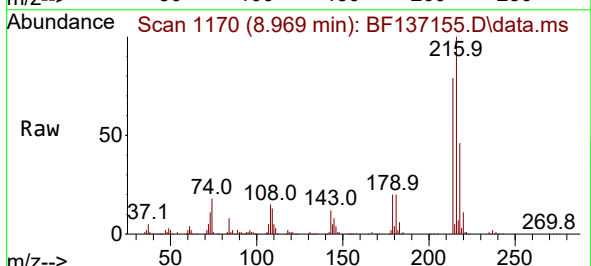
APPROVED

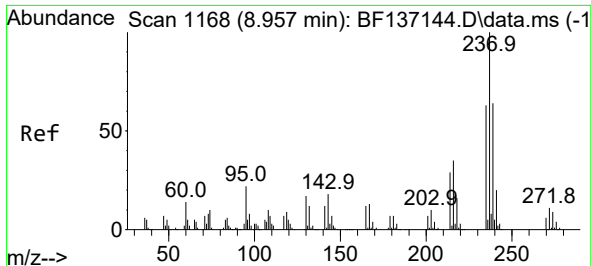
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.035 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

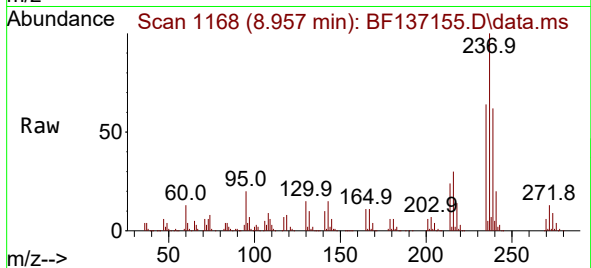
Tgt Ion:216 Resp: 238619
Ion Ratio Lower Upper
216 100
214 79.7 63.1 94.7
179 20.7 16.2 24.4
108 19.6 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 102.793 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

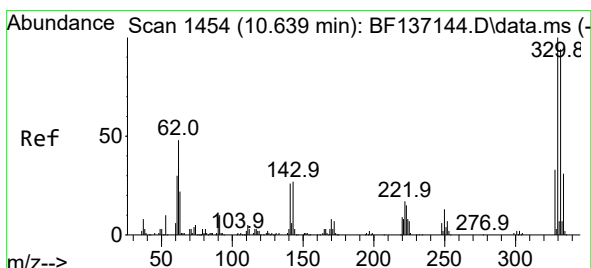
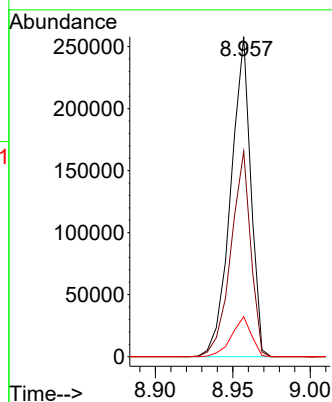
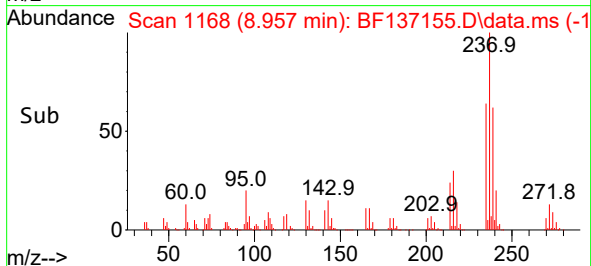
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



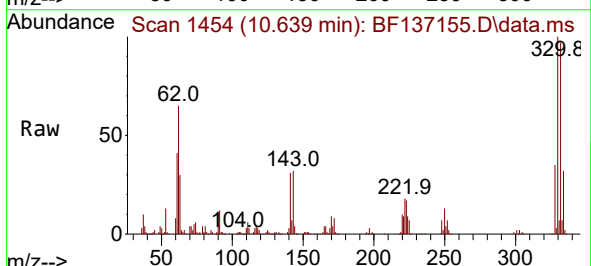
Tgt Ion:237 Resp: 231702
Ion Ratio Lower Upper
237 100
235 64.2 42.9 82.9
272 12.5 0.0 31.3

Manual Integrations
APPROVED

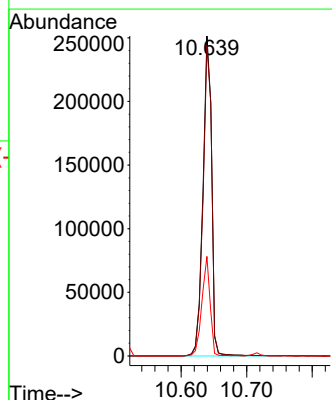
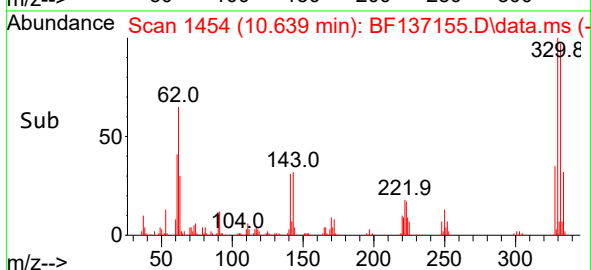
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

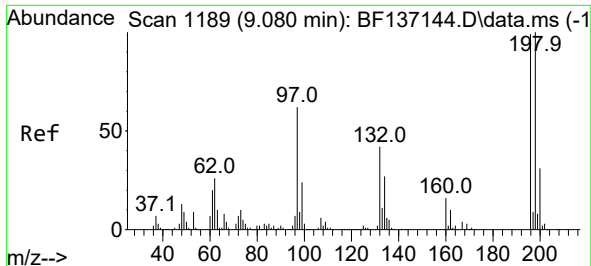


#42
2,4,6-Tribromophenol
Concen: 135.368 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02



Tgt Ion:330 Resp: 232275
Ion Ratio Lower Upper
330 100
332 97.4 75.4 113.0
141 29.6 24.8 37.2





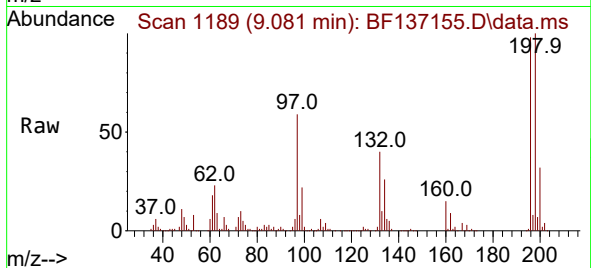
#43
2,4,6-Trichlorophenol
Concen: 48.202 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

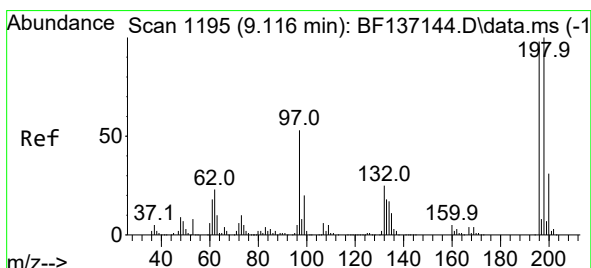
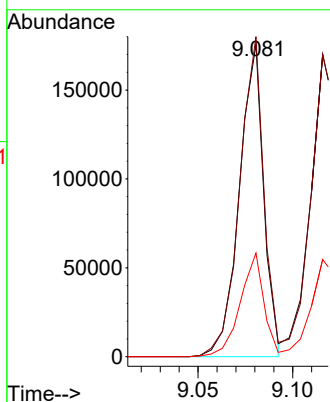
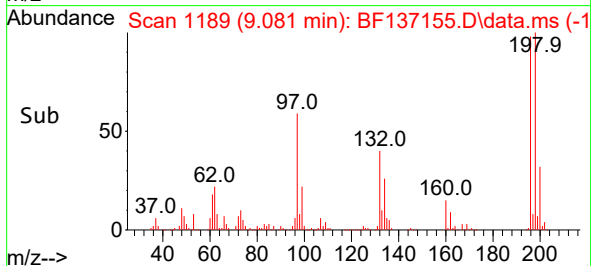


Tgt Ion:196 Resp: 157172
Ion Ratio Lower Upper
196 100
198 102.5 80.6 121.0
200 33.2 25.0 37.6

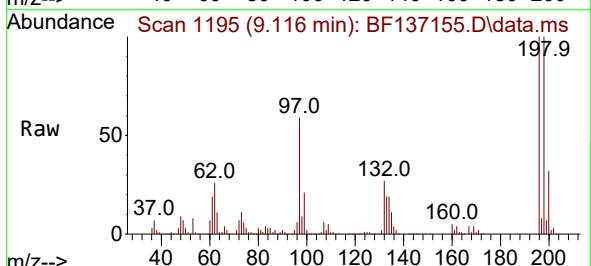
Manual Integrations

APPROVED

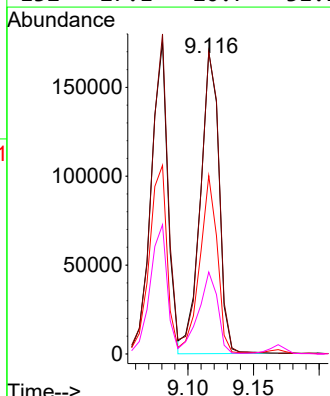
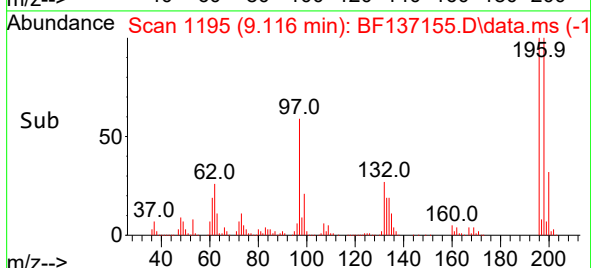
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

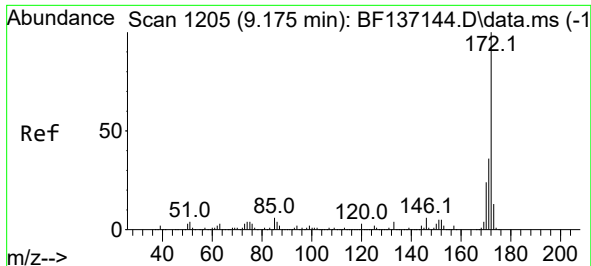


#44
2,4,5-Trichlorophenol
Concen: 48.239 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02



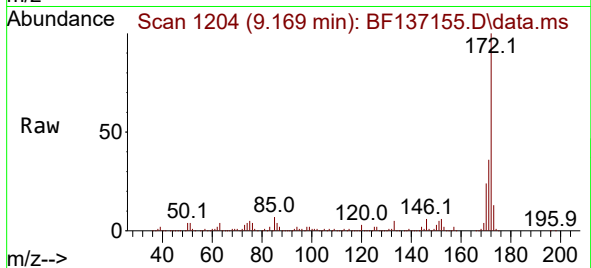
Tgt Ion:196 Resp: 168809
Ion Ratio Lower Upper
196 100
198 99.9 81.7 122.5
97 59.0 43.9 65.9
132 27.1 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 79.241 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

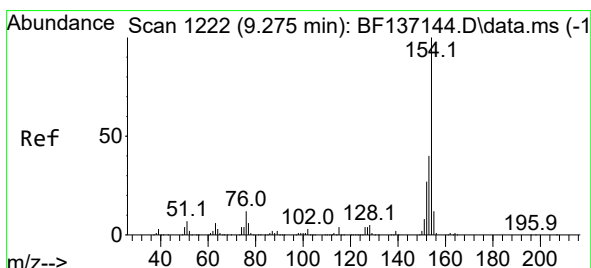
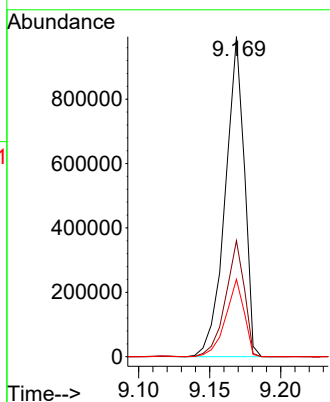
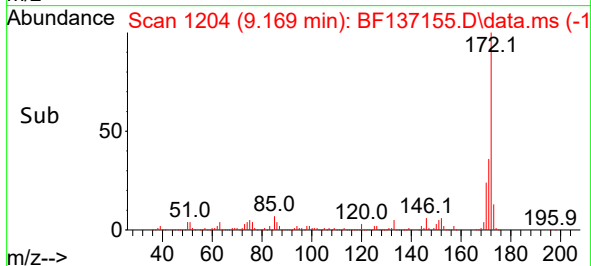
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



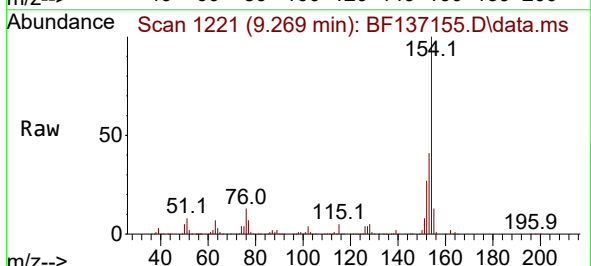
Tgt Ion:172 Resp: 928444
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.2 18.8 28.2

Manual Integrations
APPROVED

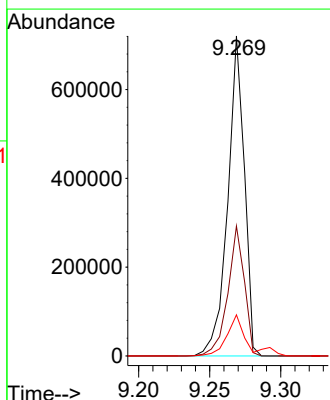
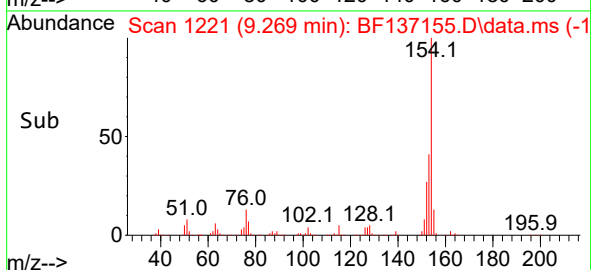
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

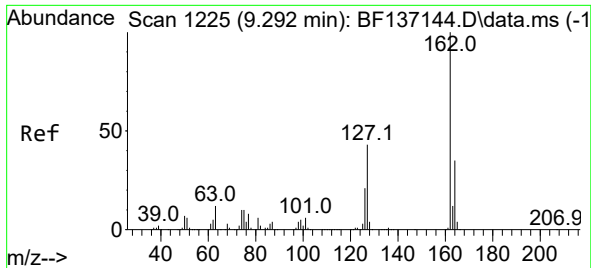


#46
1,1'-Biphenyl
Concen: 45.007 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02



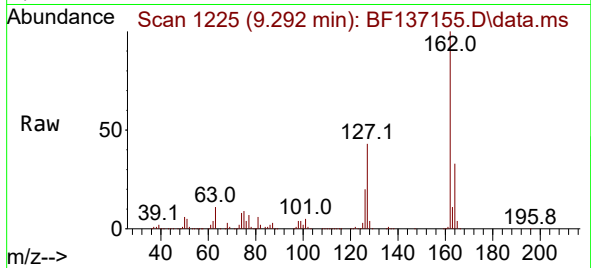
Tgt Ion:154 Resp: 585281
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 12.9 0.0 31.9





#47
2-Chloronaphthalene
Concen: 45.503 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

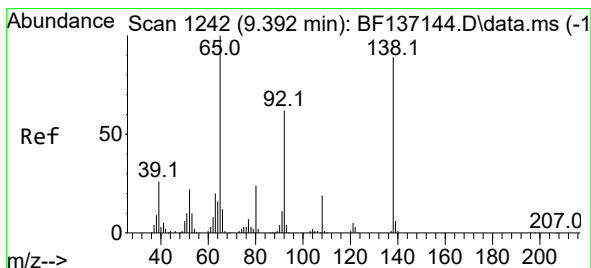
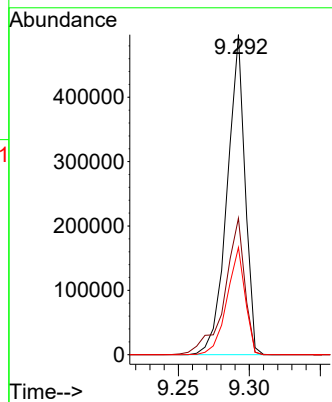
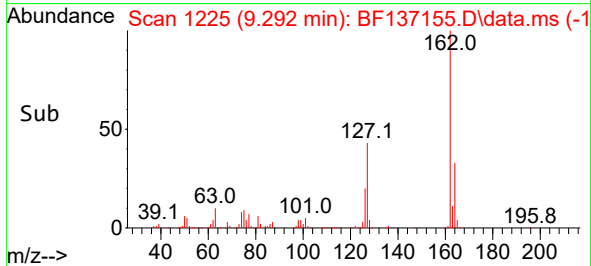
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion:162 Resp: 435559
Ion Ratio Lower Upper
162 100
127 42.7 34.6 52.0
164 33.5 27.7 41.5

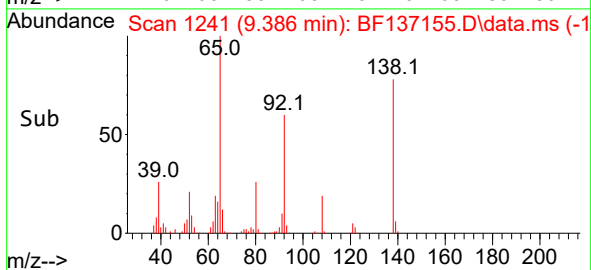
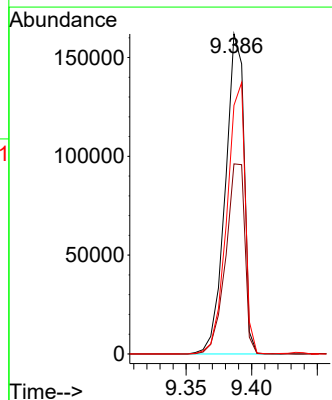
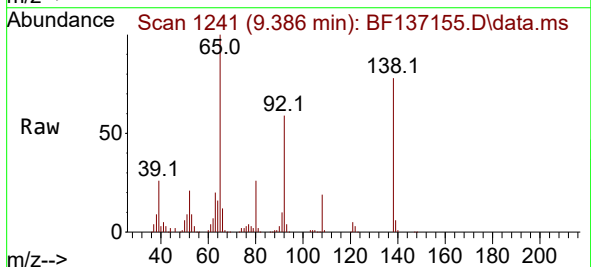
Manual Integrations
APPROVED

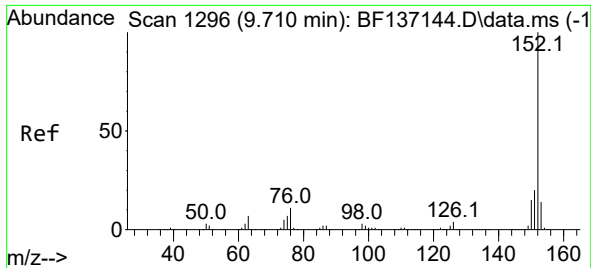
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#48
2-Nitroaniline
Concen: 49.999 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Tgt Ion: 65 Resp: 160737
Ion Ratio Lower Upper
65 100
92 59.4 49.4 74.2
138 77.7 70.8 106.2





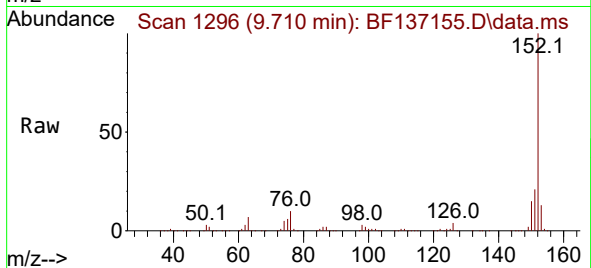
#49
Acenaphthylene
Concen: 45.549 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

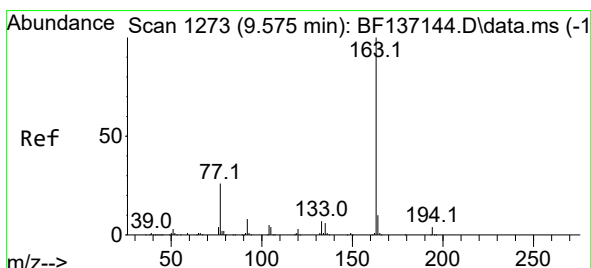
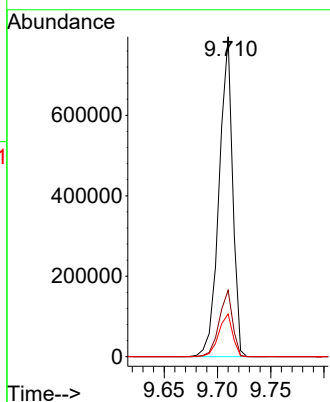
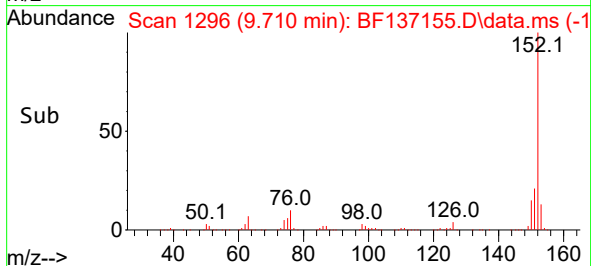


Tgt Ion:152 Resp: 700772
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 13.4 11.4 17.2

Manual Integrations

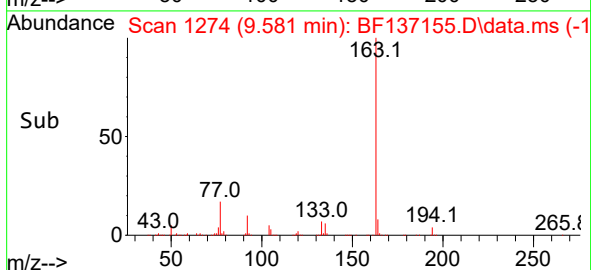
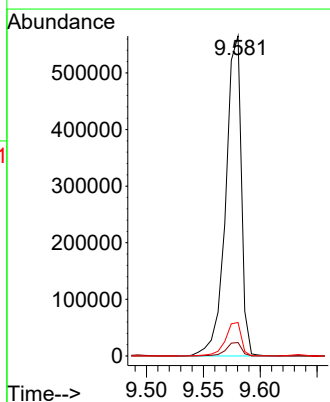
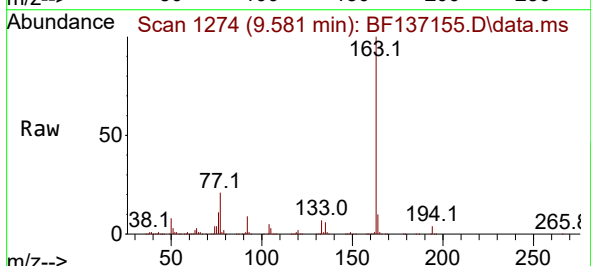
APPROVED

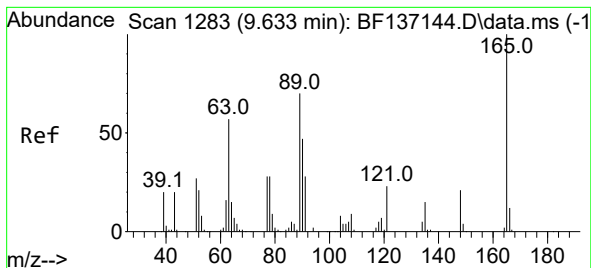
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#50
Dimethylphthalate
Concen: 48.931 ng
RT: 9.581 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

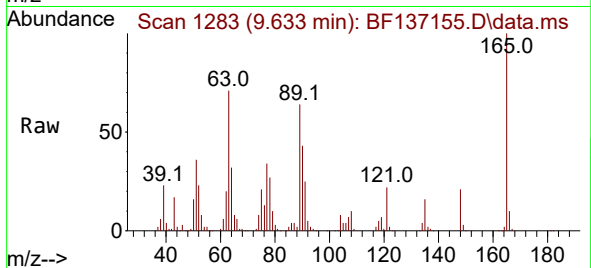
Tgt Ion:163 Resp: 540522
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.5 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 52.428 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

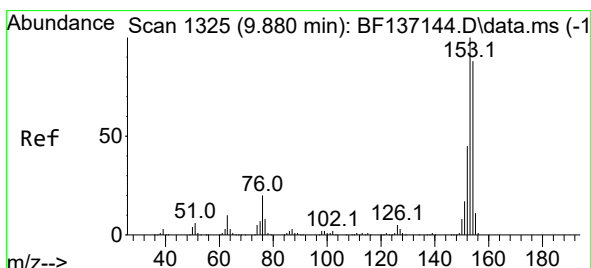
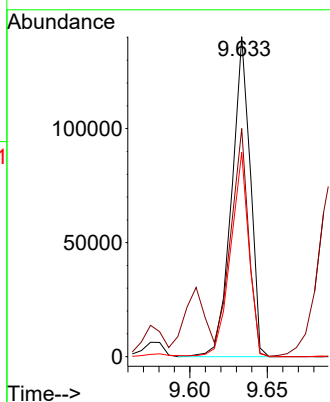
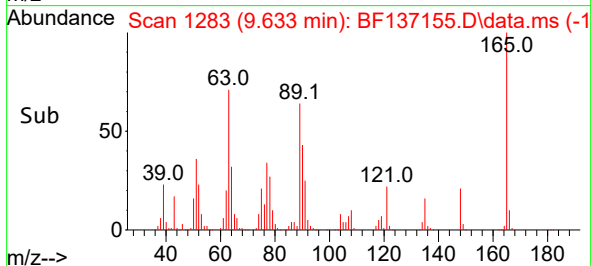
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion:165 Resp: 117050
Ion Ratio Lower Upper
165 100
63 71.3 64.4 96.6
89 63.9 55.7 83.5

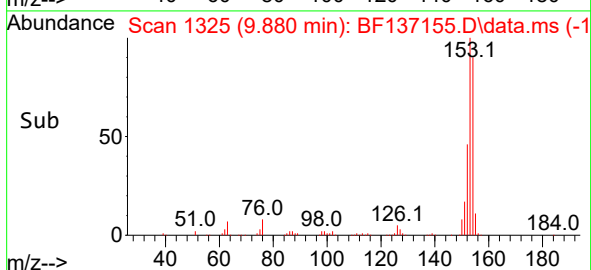
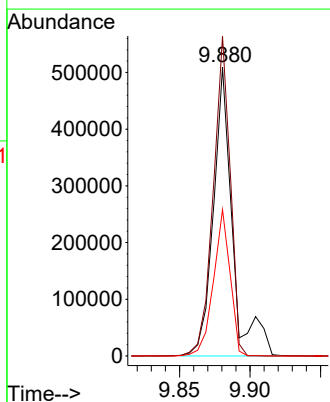
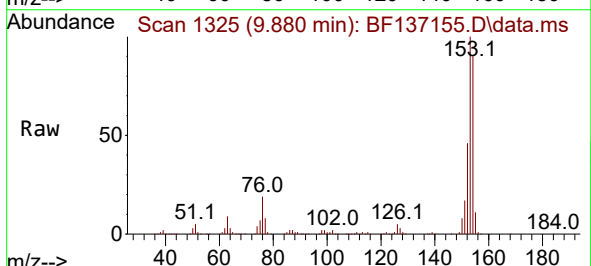
Manual Integrations
APPROVED

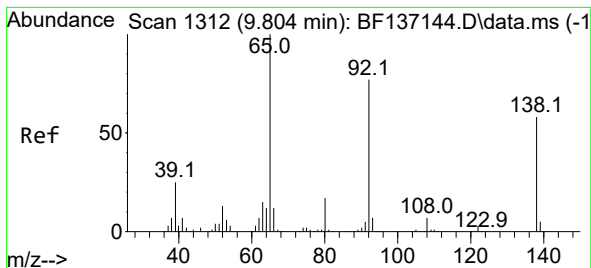
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#52
Acenaphthene
Concen: 50.291 ng m
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Tgt Ion:154 Resp: 478863
Ion Ratio Lower Upper
154 100
153 110.8 91.0 136.6
152 50.7 41.2 61.8





#53
3-Nitroaniline
Concen: 21.407 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

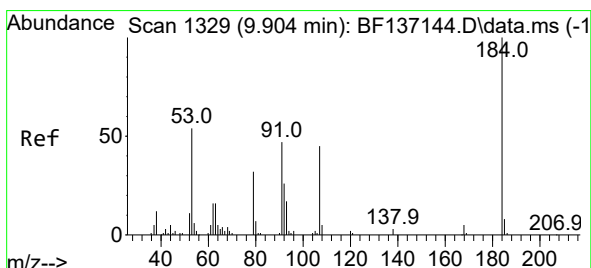
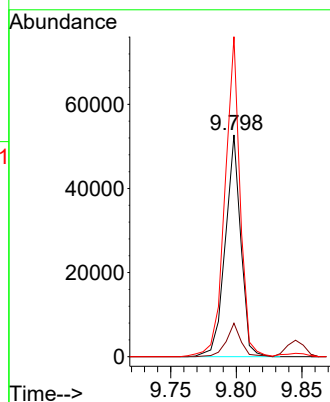
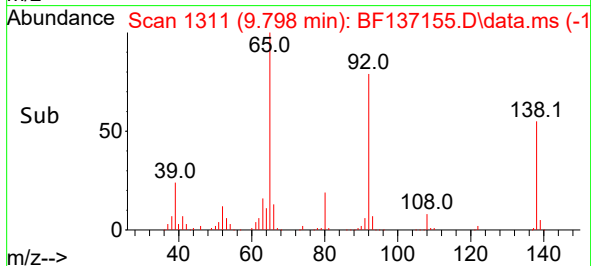
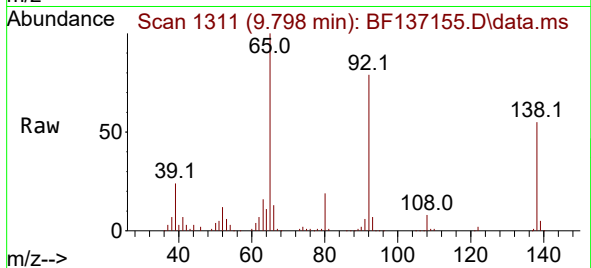
72-11985MSD

Tgt Ion:138 Resp: 4318
Ion Ratio Lower Upper
138 100
108 15.1 10.2 15.2
92 144.3 105.7 158.5

Manual Integrations

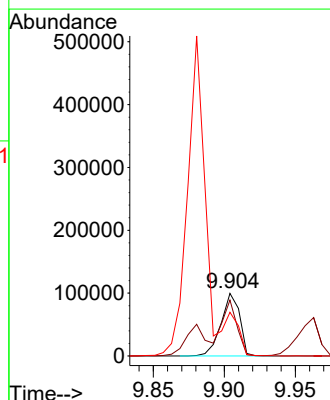
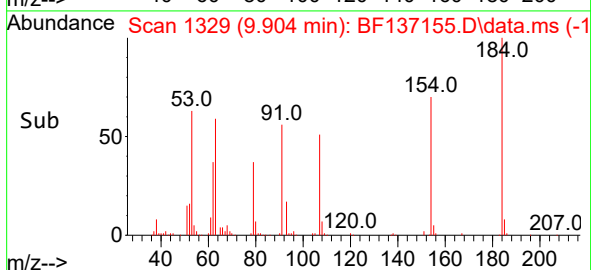
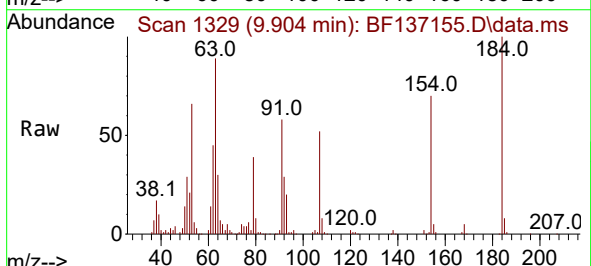
APPROVED

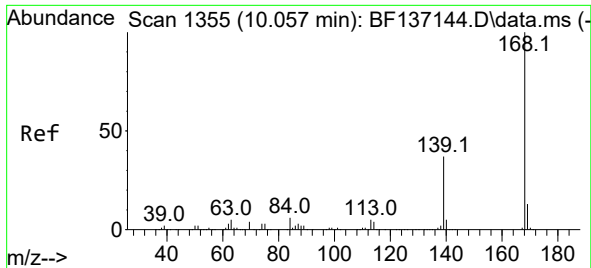
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#54
2,4-Dinitrophenol
Concen: 86.742 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Tgt Ion:184 Resp: 90916
Ion Ratio Lower Upper
184 100
63 89.2 61.2 91.8
154 69.8 51.6 77.4





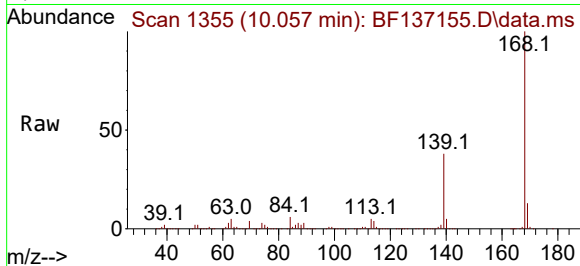
#55
Dibenzenofuran
Concen: 45.672 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

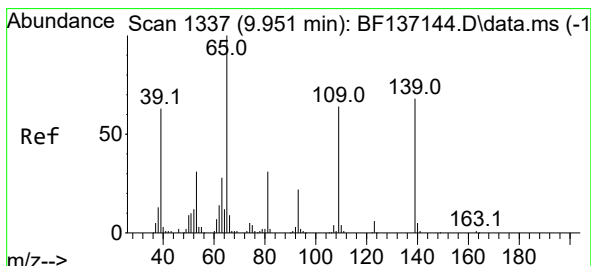
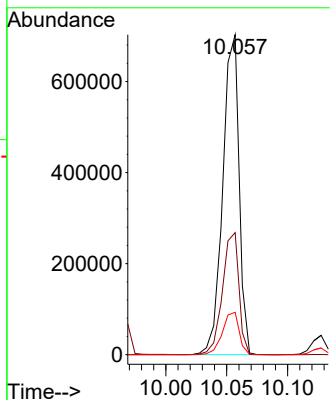
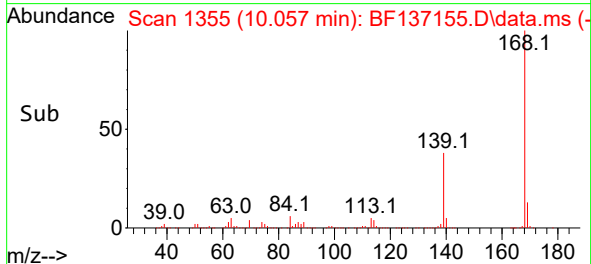


Tgt Ion:168 Resp: 656020
Ion Ratio Lower Upper
168 100
139 38.1 29.5 44.3
169 13.3 10.5 15.7

Manual Integrations

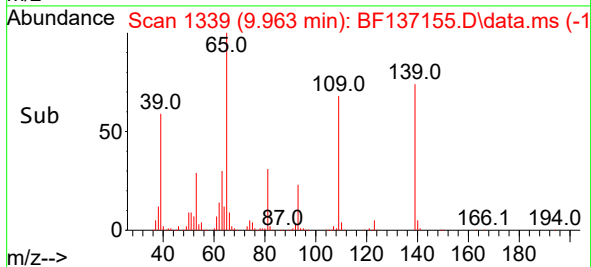
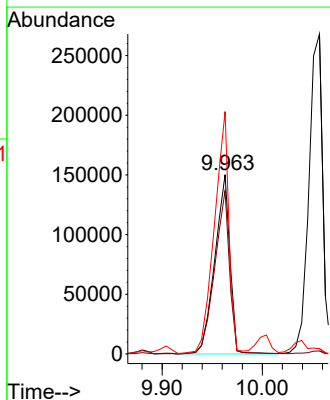
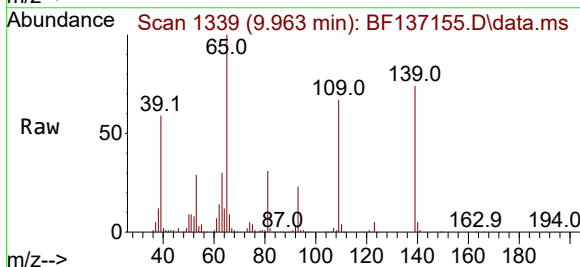
APPROVED

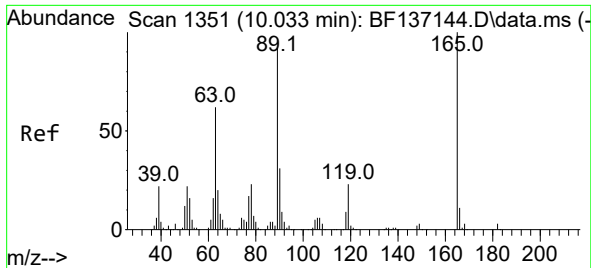
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#56
4-Nitrophenol
Concen: 98.116 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Tgt Ion:139 Resp: 157451
Ion Ratio Lower Upper
139 100
109 91.1 73.7 113.7
65 135.1 126.0 166.0





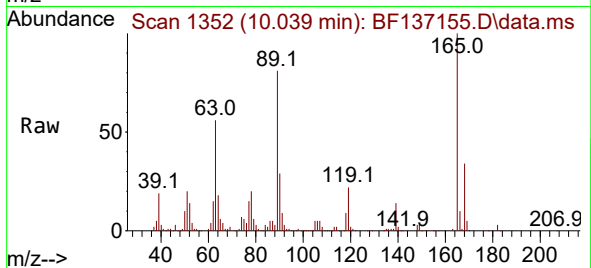
#57
2,4-Dinitrotoluene
Concen: 54.230 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

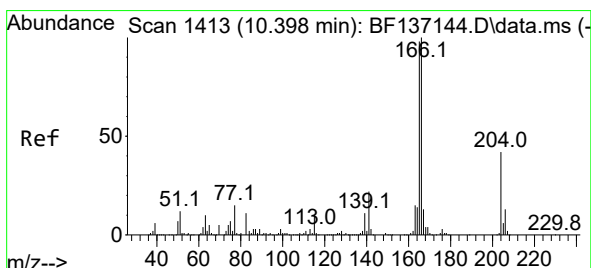
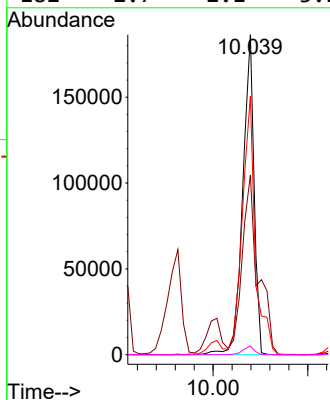
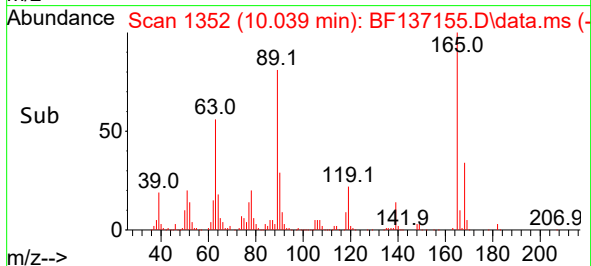


Tgt Ion:165 Resp: 15460
Ion Ratio Lower Upper
165 100
63 56.2 49.4 74.2
89 80.8 73.5 110.3
182 2.7 2.1 3.1

Manual Integrations

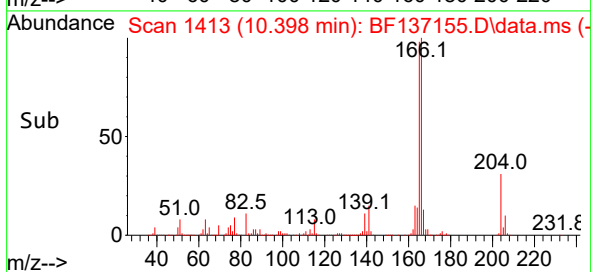
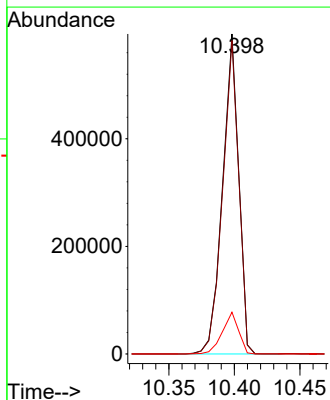
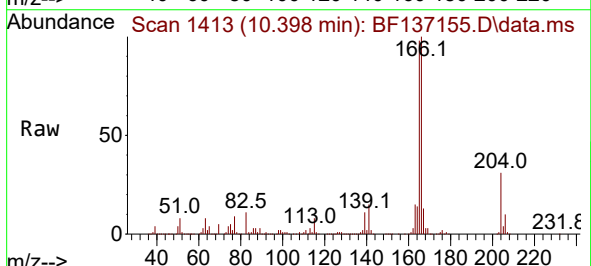
APPROVED

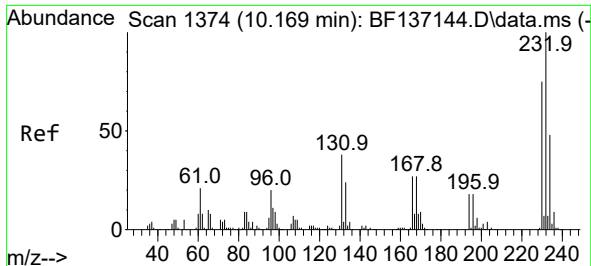
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#58
Fluorene
Concen: 46.256 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

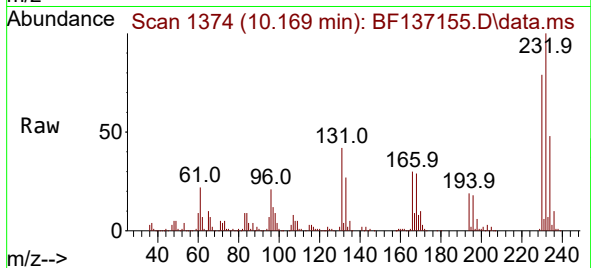
Tgt Ion:166 Resp: 509299
Ion Ratio Lower Upper
166 100
165 97.9 78.6 118.0
167 13.1 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.465 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

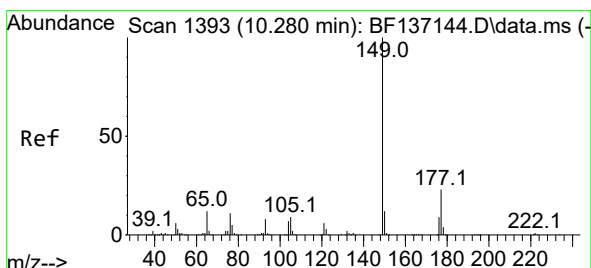
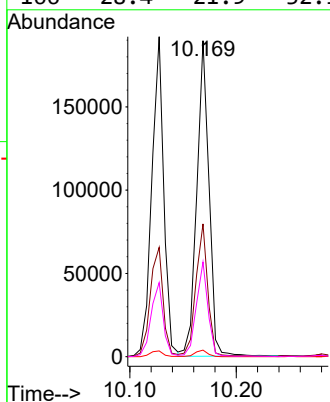
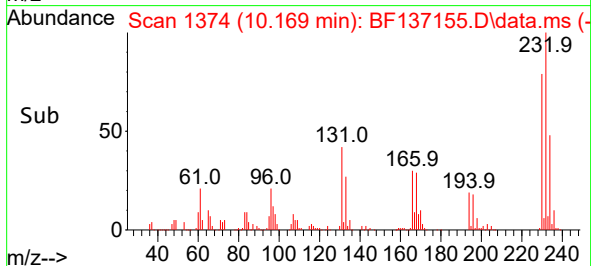
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



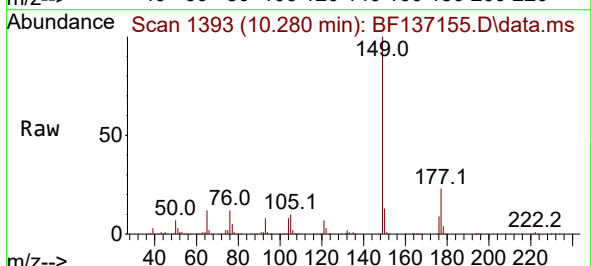
Tgt Ion:232 Resp: 150975
Ion Ratio Lower Upper
232 100
131 41.3 31.4 47.0
130 2.1 1.8 2.6
166 28.4 21.9 32.9

Manual Integrations
APPROVED

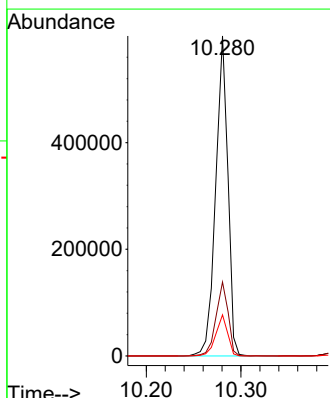
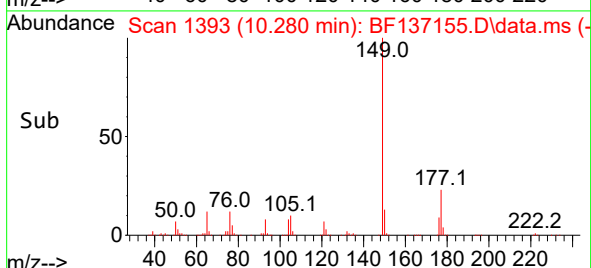
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

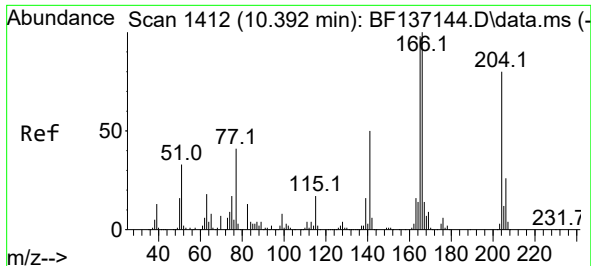


#60
Diethylphthalate
Concen: 49.423 ng
RT: 10.280 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02



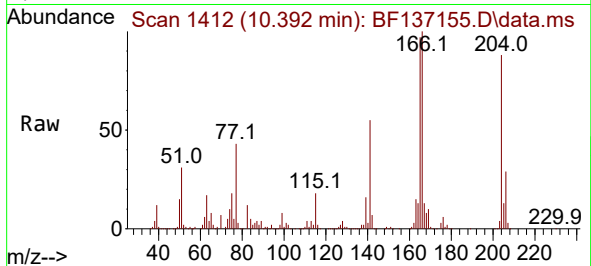
Tgt Ion:149 Resp: 535440
Ion Ratio Lower Upper
149 100
177 23.1 18.7 28.1
150 12.9 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 45.270 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

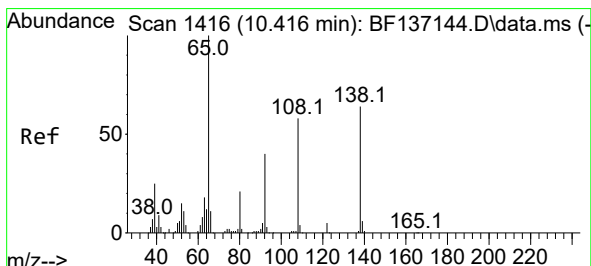
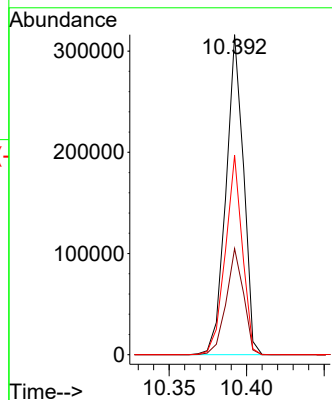
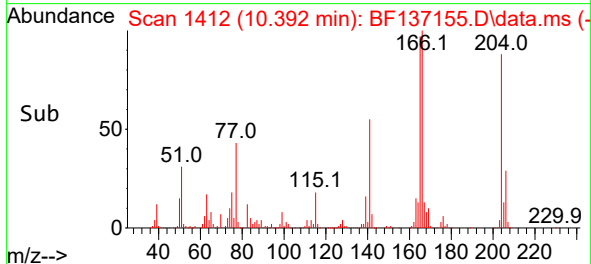
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



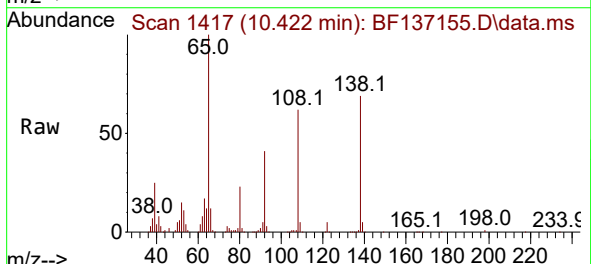
Tgt Ion:204 Resp: 24845
Ion Ratio Lower Upper
204 100
206 33.2 25.6 38.4
141 62.3 50.3 75.5

Manual Integrations
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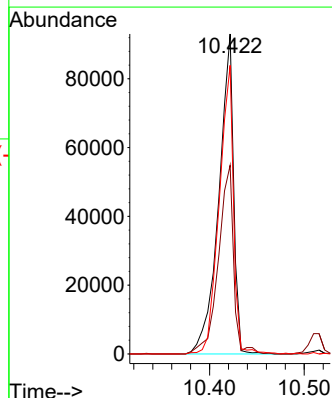
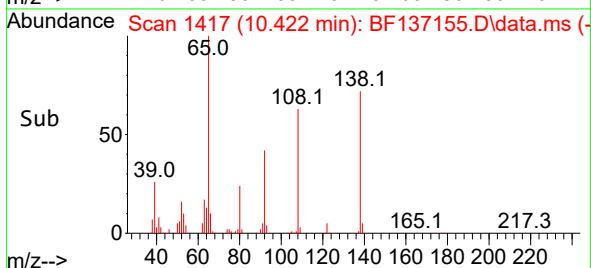
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

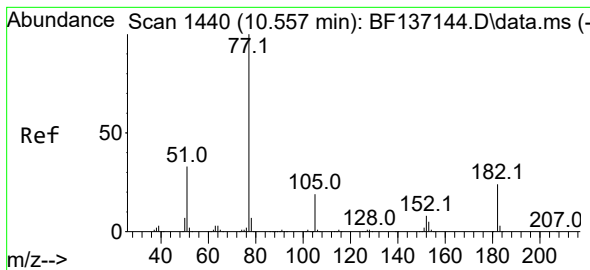


#62
4-Nitroaniline
Concen: 50.210 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02



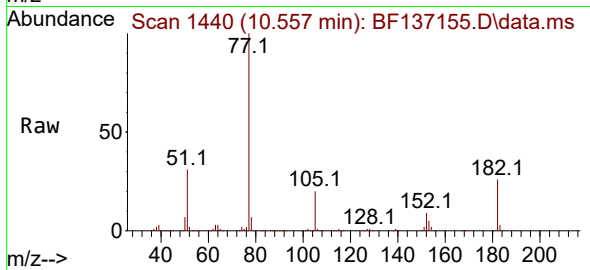
Tgt Ion:138 Resp: 101068
Ion Ratio Lower Upper
138 100
92 59.0 42.7 82.7
108 90.2 70.8 110.8





#63
Azobenzene
Concen: 45.901 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

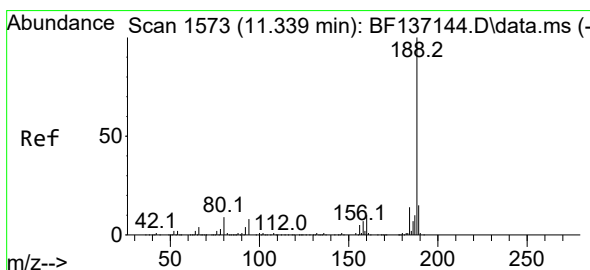
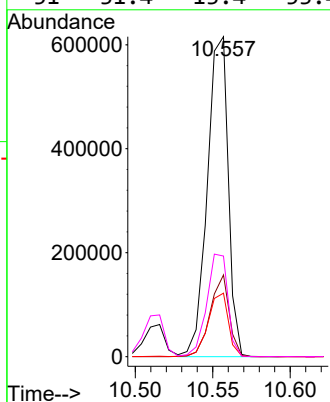
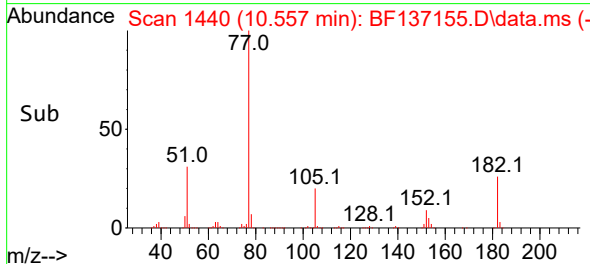
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion: 77 Resp: 57912
Ion Ratio Lower Upper
77 100
182 25.6 4.4 44.4
105 19.9 0.0 39.3
51 31.4 13.4 53.4

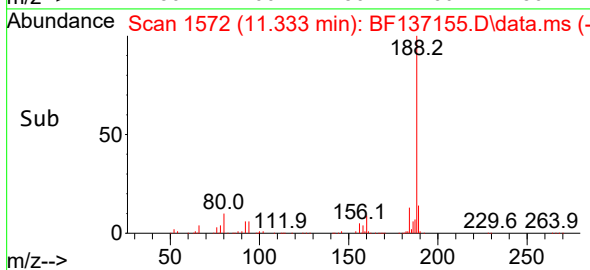
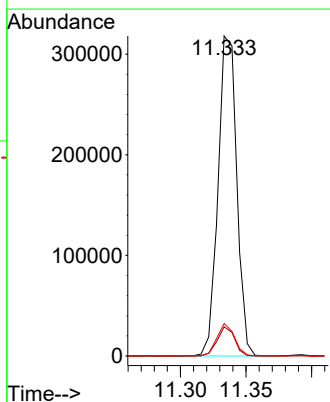
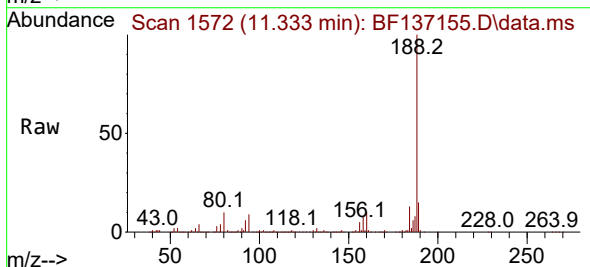
Manual Integrations
APPROVED

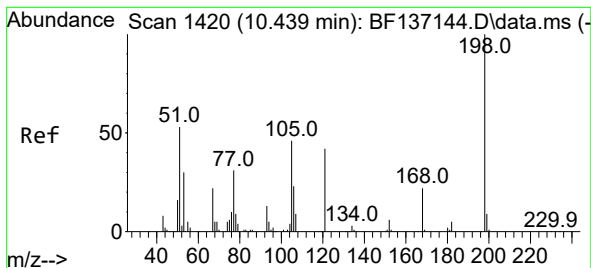
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Tgt Ion:188 Resp: 315408
Ion Ratio Lower Upper
188 100
94 9.1 6.4 9.6
80 10.1 7.4 11.0





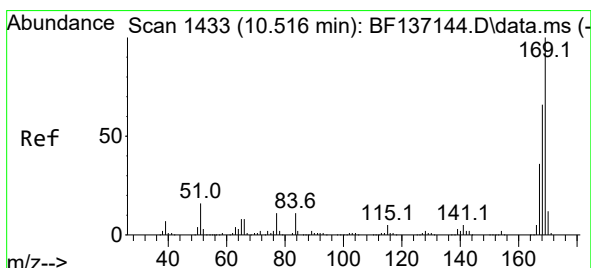
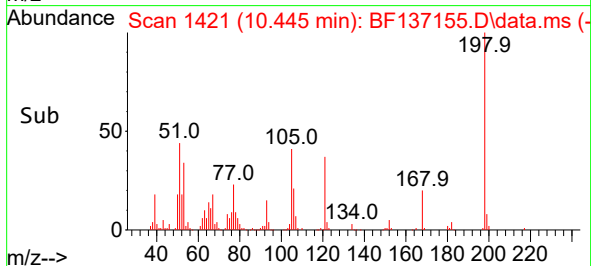
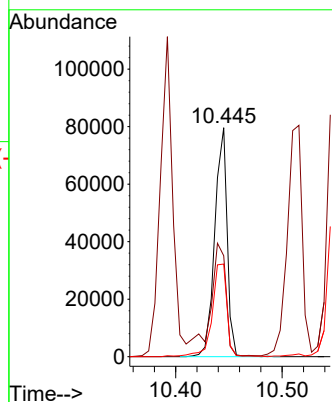
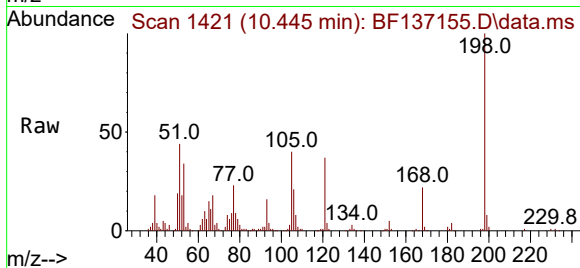
#65
4,6-Dinitro-2-methylphenol
Concen: 50.552 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Instrument :
BNA_F
ClientSampleId :
72-11985MSD

Tgt Ion:198 Resp: 64230
Ion Ratio Lower Upper
198 100
51 44.1 44.7 84.7
105 40.5 28.2 68.2

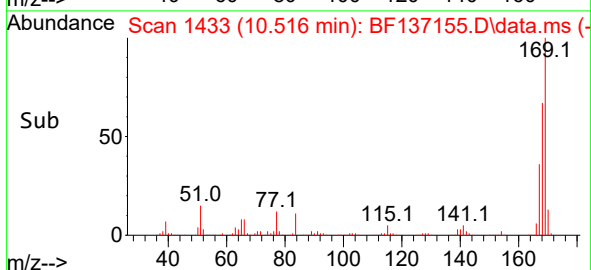
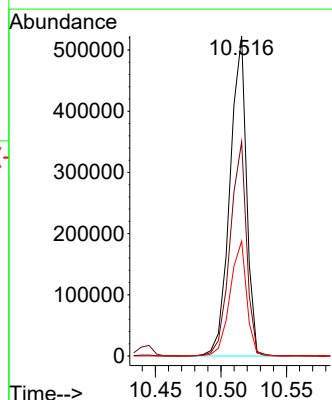
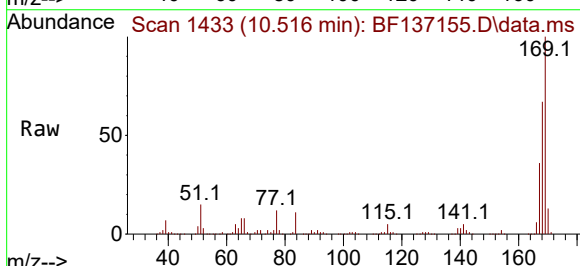
Manual Integrations
APPROVED

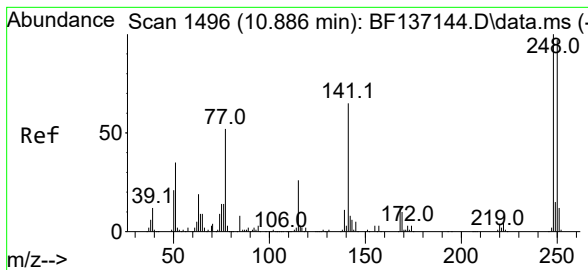
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#66
n-Nitrosodiphenylamine
Concen: 47.514 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

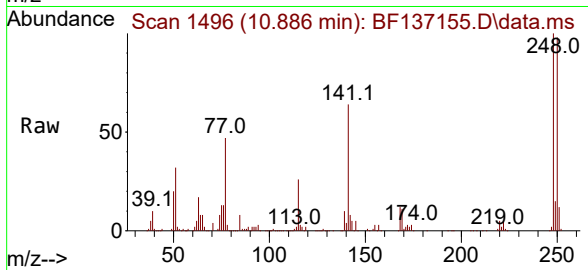
Tgt Ion:169 Resp: 459444
Ion Ratio Lower Upper
169 100
168 67.0 52.6 78.8
167 35.9 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 47.259 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

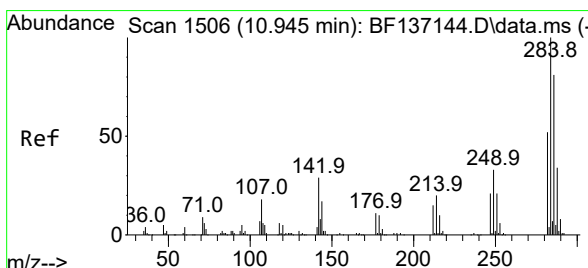
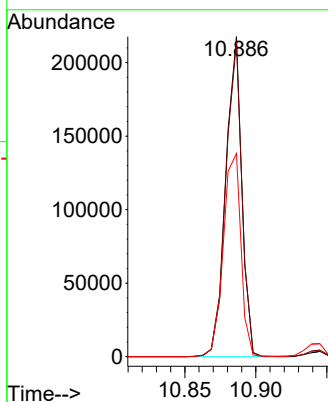
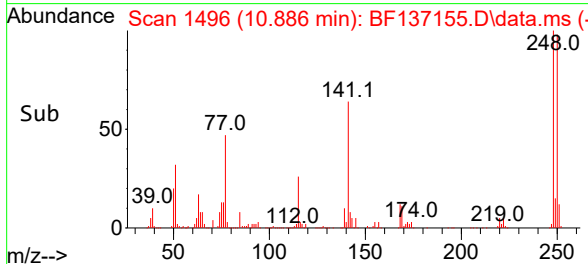
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



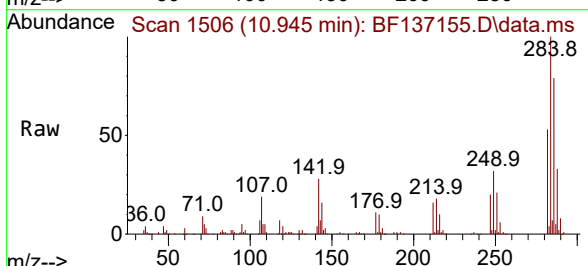
Tgt Ion:248 Resp: 171748
Ion Ratio Lower Upper
248 100
250 98.4 77.7 116.5
141 63.5 52.3 78.5

Manual Integrations
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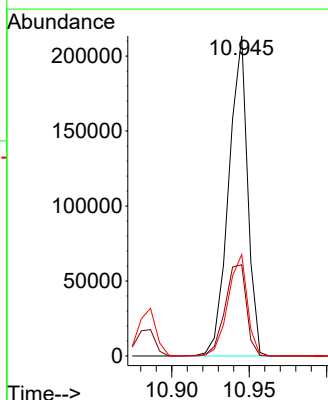
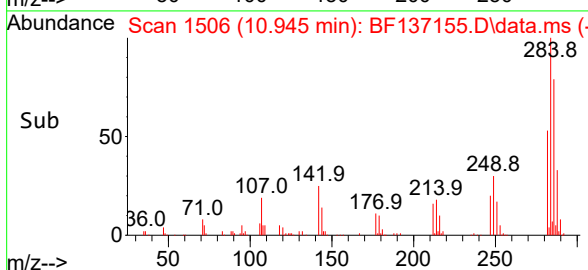
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

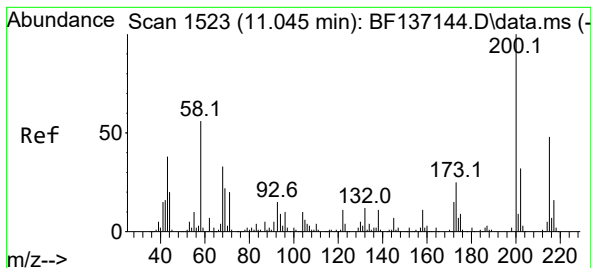


#68
Hexachlorobenzene
Concen: 47.264 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02



Tgt Ion:284 Resp: 180660
Ion Ratio Lower Upper
284 100
142 28.5 23.2 34.8
249 31.7 26.2 39.2





#69

Atrazine

Concen: 50.556 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF137155.D

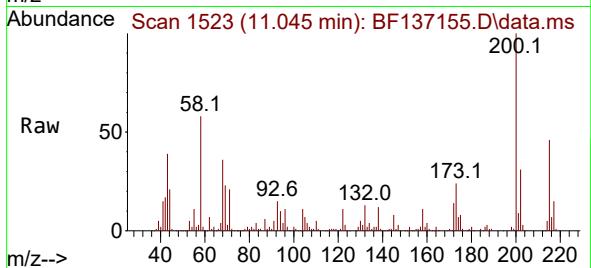
Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

72-11985MSD



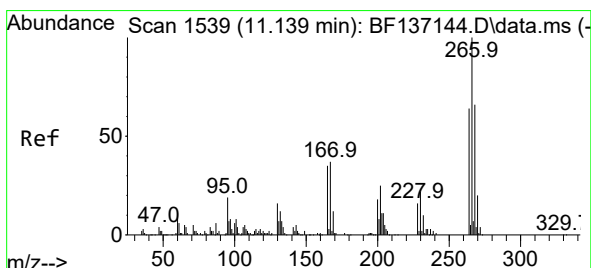
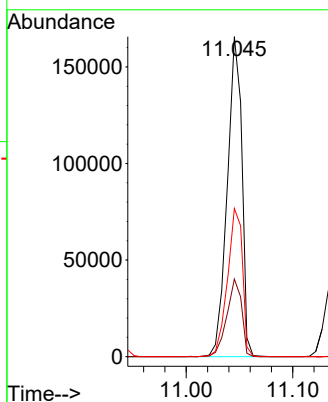
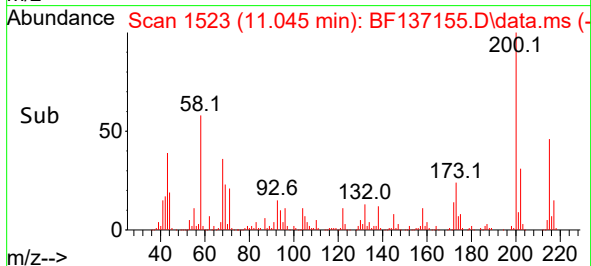
Tgt Ion:200 Resp: 15749

Ion	Ratio	Lower	Upper
200	100		
173	24.2	5.1	45.1
215	46.3	27.7	67.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#70

Pentachlorophenol

Concen: 97.775 ng

RT: 11.139 min Scan# 1539

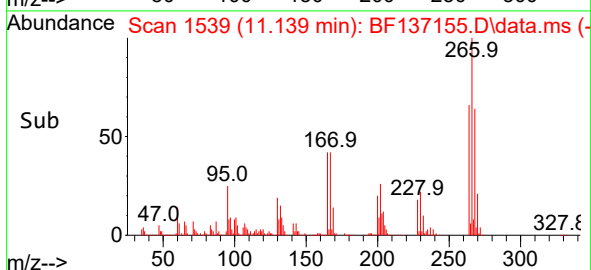
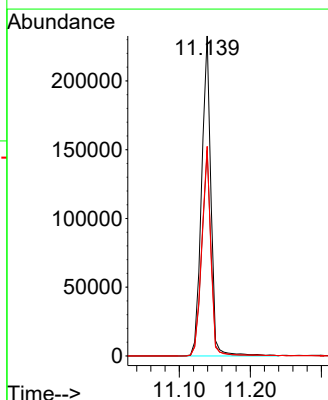
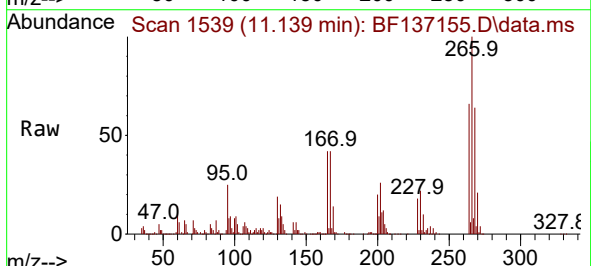
Delta R.T. 0.000 min

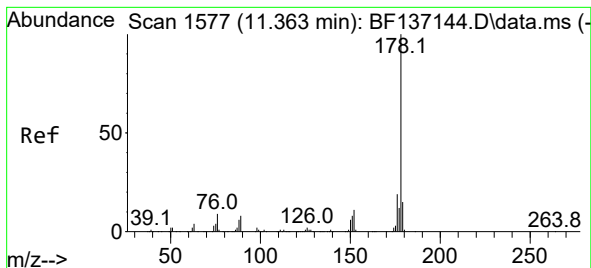
Lab File: BF137155.D

Acq: 25 Jan 2024 19:02

Tgt Ion:266 Resp: 212963

Ion	Ratio	Lower	Upper
266	100		
268	64.2	53.0	79.6
264	65.5	51.6	77.4





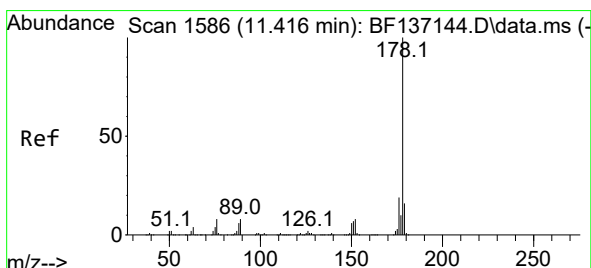
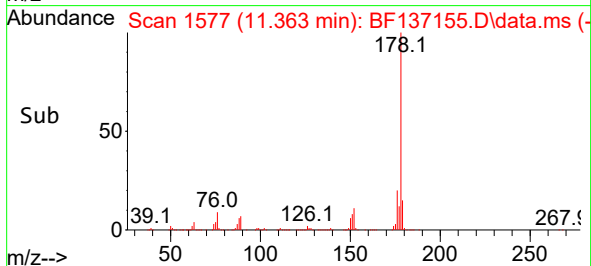
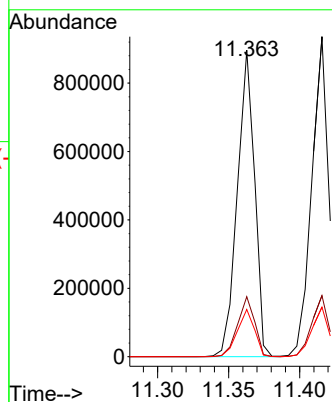
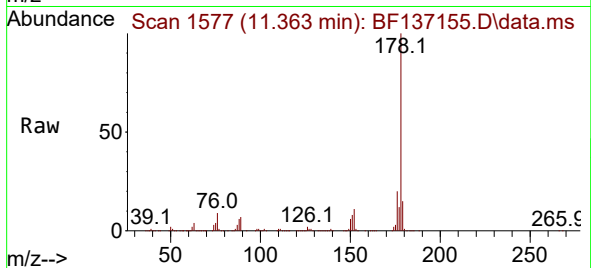
#71
Phenanthrene
Concen: 45.511 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Instrument :
BNA_F
ClientSampleId :
72-11985MSD

Tgt Ion:178 Resp: 759572
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.4 12.3 18.5

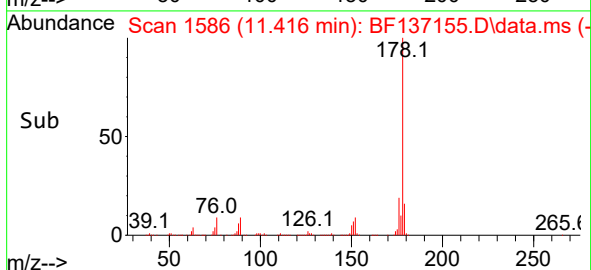
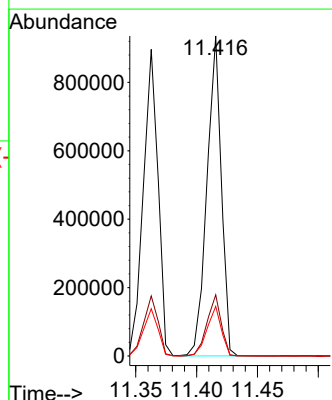
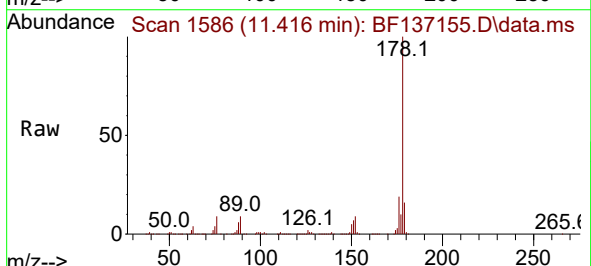
Manual Integrations
APPROVED

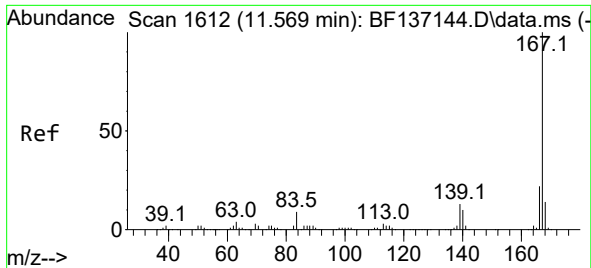
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#72
Anthracene
Concen: 45.366 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

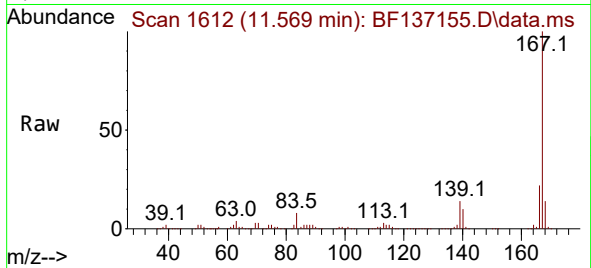
Tgt Ion:178 Resp: 771323
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.5 12.6 18.8





#73
 Carbazole
 Concen: 45.080 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF137155.D
 Acq: 25 Jan 2024 19:02

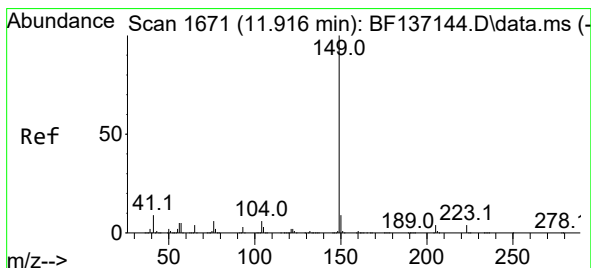
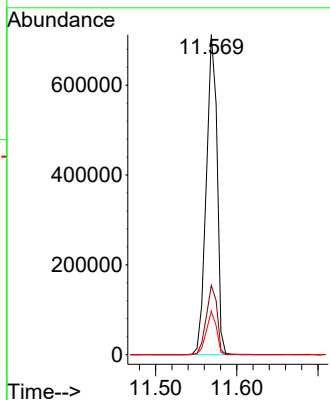
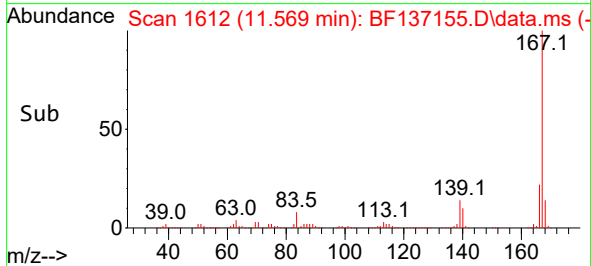
Instrument :
 BNA_F
 ClientSampleId :
 72-11985MSD



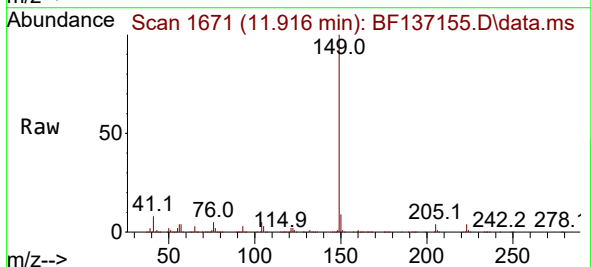
Tgt Ion:167 Resp: 654478
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.6 10.3 15.5

Manual Integrations
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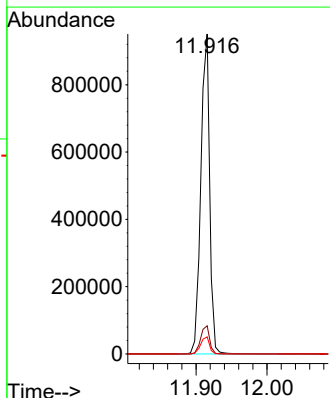
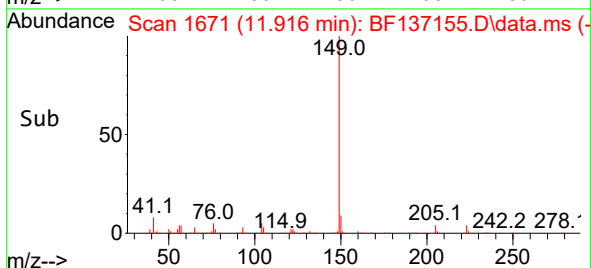
Reviewed By :Jagrut Upadhyay 01/26/2024
 Supervised By :mohammad ahmed 01/29/2024

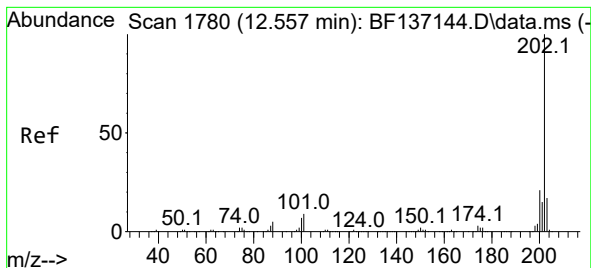


#74
 Di-n-butylphthalate
 Concen: 54.072 ng
 RT: 11.916 min Scan# 1671
 Delta R.T. 0.000 min
 Lab File: BF137155.D
 Acq: 25 Jan 2024 19:02



Tgt Ion:149 Resp: 822021
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.0
 104 5.4 4.4 6.6





#75

Fluoranthene

Concen: 43.618 ng

RT: 12.557 min Scan# 1780

Delta R.T. -0.000 min

Lab File: BF137155.D

Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

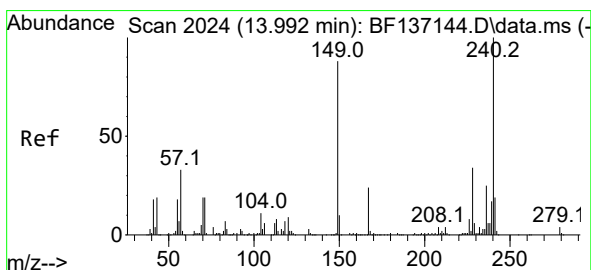
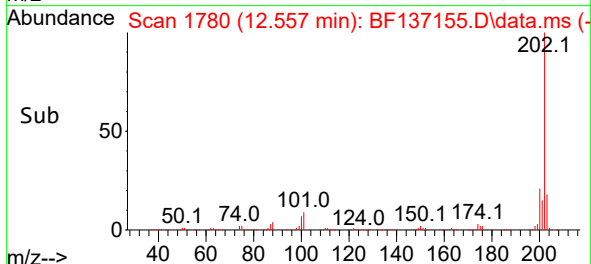
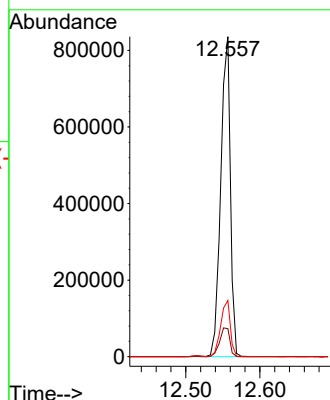
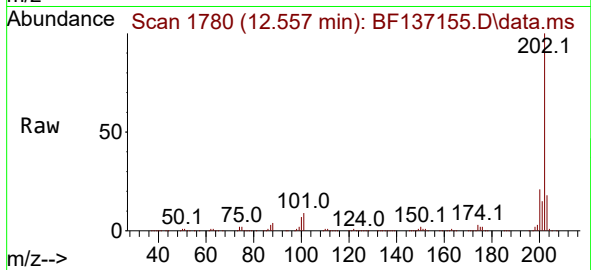
72-11985MSD

Tgt Ion:	202	Resp:	75544
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	29.3
203	17.6	0.0	37.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#76

Chrysene-d12

Concen: 20.000 ng

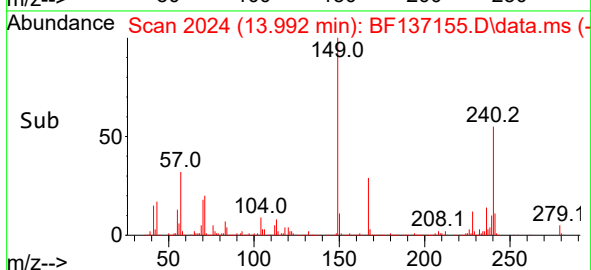
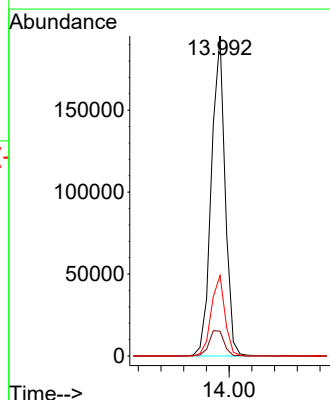
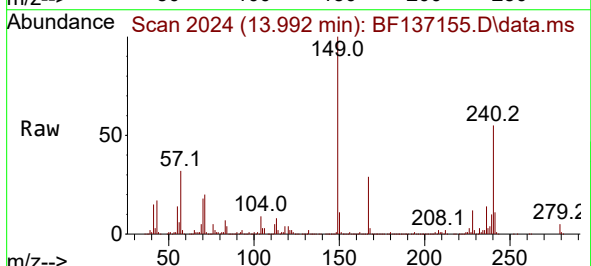
RT: 13.992 min Scan# 2024

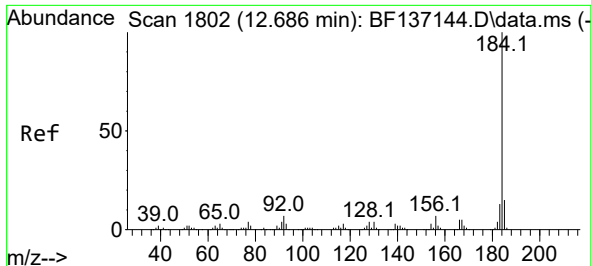
Delta R.T. 0.000 min

Lab File: BF137155.D

Acq: 25 Jan 2024 19:02

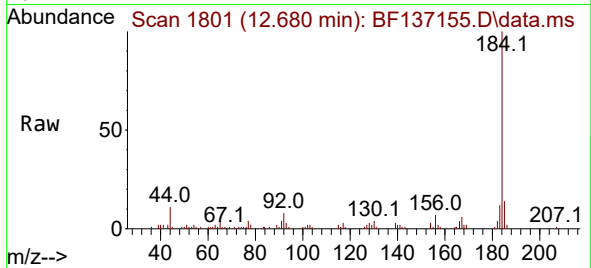
Tgt Ion:	240	Resp:	163005
Ion Ratio	Lower	Upper	
240	100		
120	7.7	6.9	10.3
236	25.2	20.4	30.6





#77
Benzidine
Concen: 8.578 ng
RT: 12.680 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

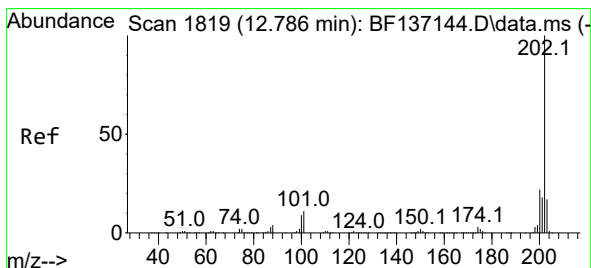
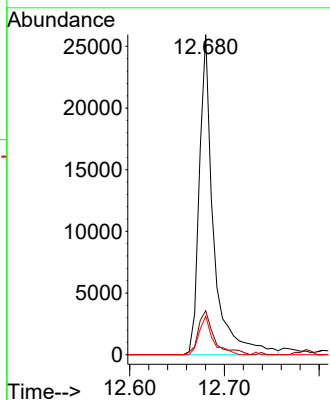
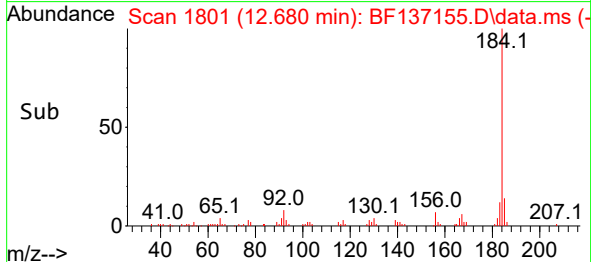
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



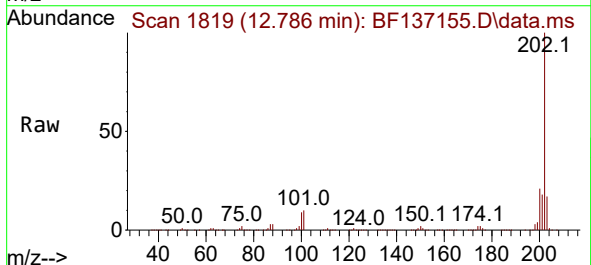
Tgt Ion:184 Resp: 2711
Ion Ratio Lower Upper
184 100
185 13.8 12.2 18.4
183 12.0 10.0 15.0

Manual Integrations
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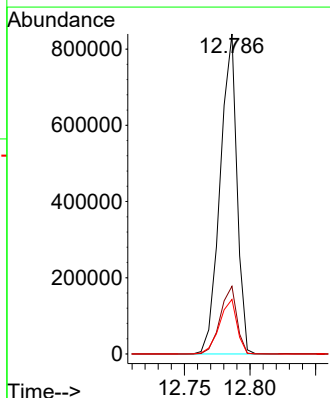
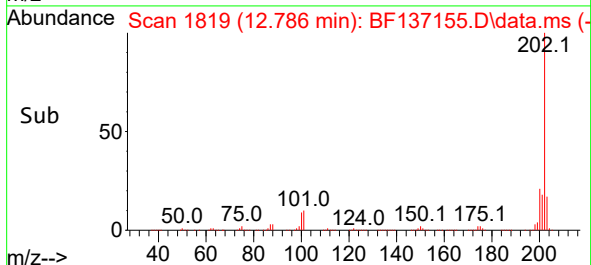
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

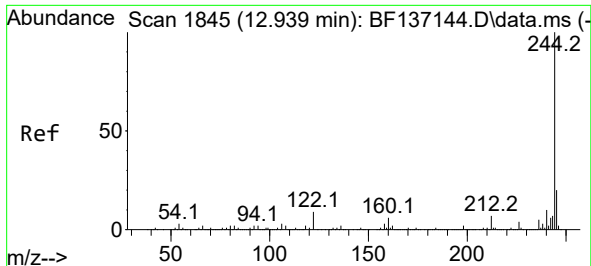


#78
Pyrene
Concen: 50.796 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02



Tgt Ion:202 Resp: 746735
Ion Ratio Lower Upper
202 100
200 21.2 17.3 25.9
203 17.0 13.8 20.8





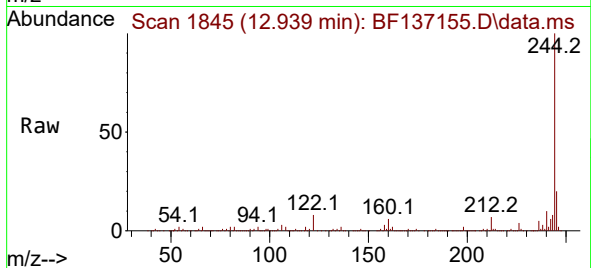
#79
 Terphenyl-d14
 Concen: 92.933 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF137155.D
 Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

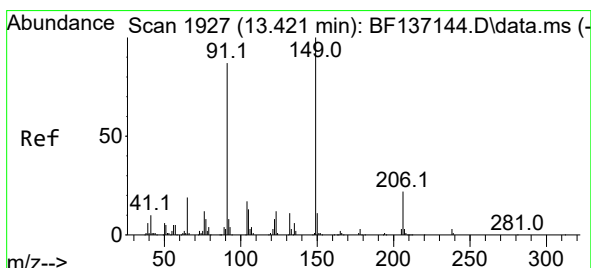
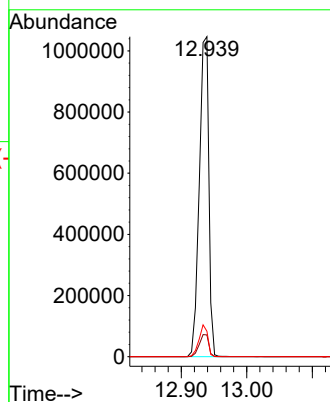
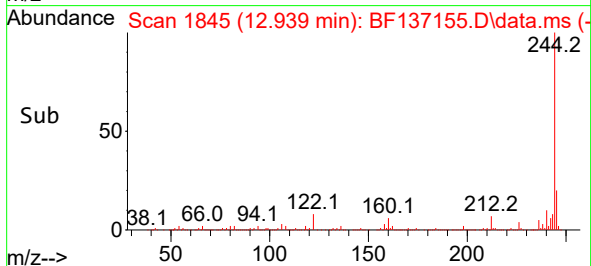


Tgt Ion:244 Resp: 105936
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 7.9 7.3 10.9

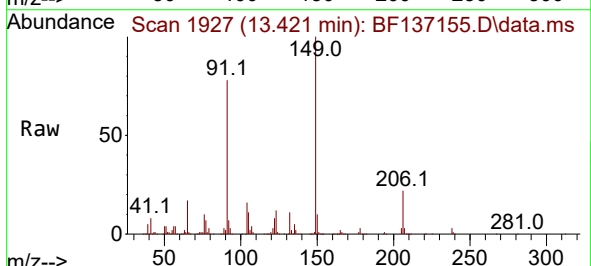
Manual Integrations

APPROVED

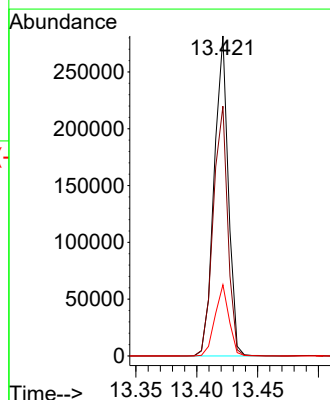
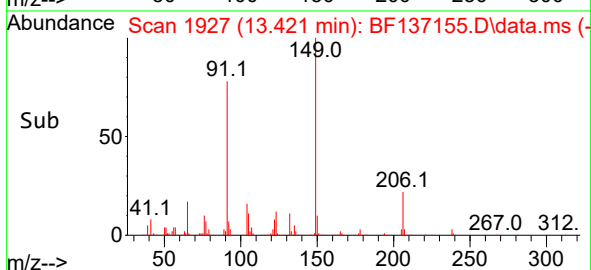
Reviewed By :Jagrut Upadhyay 01/26/2024
 Supervised By :mohammad ahmed 01/29/2024

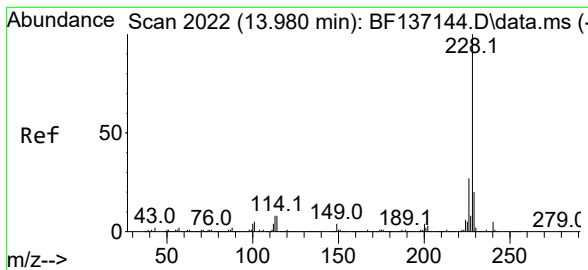


#80
 Butylbenzylphthalate
 Concen: 66.050 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: BF137155.D
 Acq: 25 Jan 2024 19:02



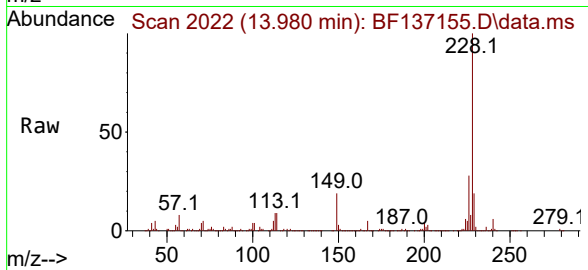
Tgt Ion:149 Resp: 228614
 Ion Ratio Lower Upper
 149 100
 91 78.1 69.4 104.0
 206 22.2 17.4 26.0





#81
 Benzo(a)anthracene
 Concen: 48.619 ng
 RT: 13.980 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: BF137155.D
 Acq: 25 Jan 2024 19:02

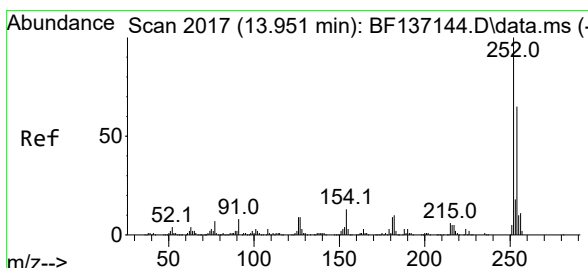
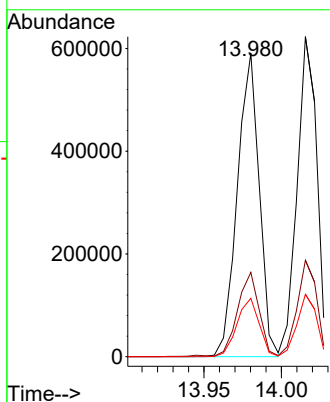
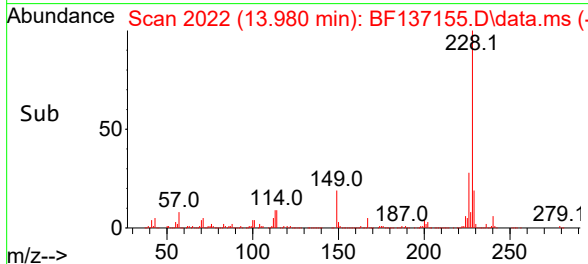
Instrument :
 BNA_F
 ClientSampleId :
 72-11985MSD



Tgt Ion:228 Resp: 57974
 Ion Ratio Lower Upper
 228 100
 226 27.8 21.4 32.2
 229 19.2 15.8 23.6

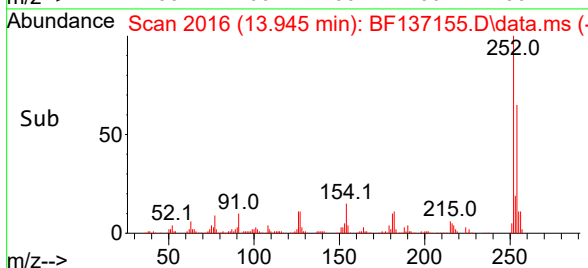
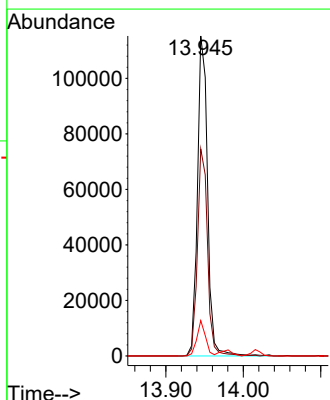
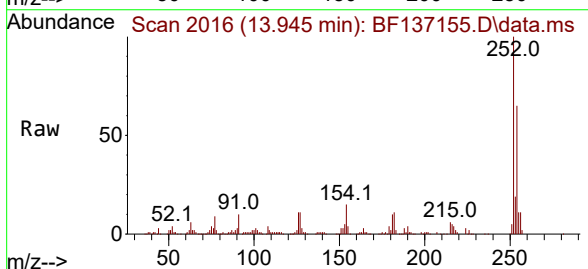
Manual Integrations
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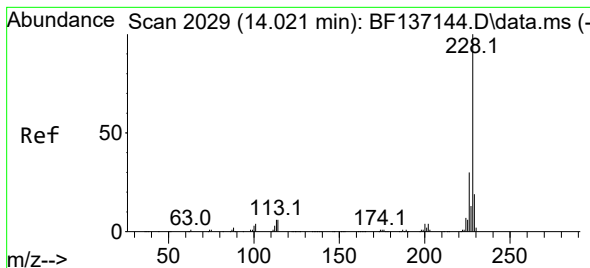
Reviewed By :Jagrut Upadhyay 01/26/2024
 Supervised By :mohammad ahmed 01/29/2024



#82
 3,3'-Dichlorobenzidine
 Concen: 35.359 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF137155.D
 Acq: 25 Jan 2024 19:02

Tgt Ion:252 Resp: 104241
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.7 77.5
 126 11.0 7.4 11.0





#83

Chrysene

Concen: 48.878 ng

RT: 14.015 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF137155.D

Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

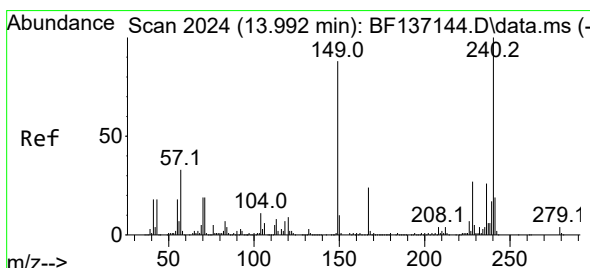
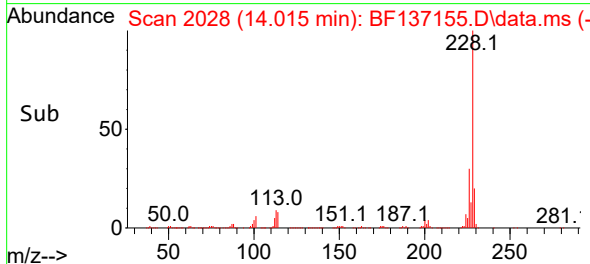
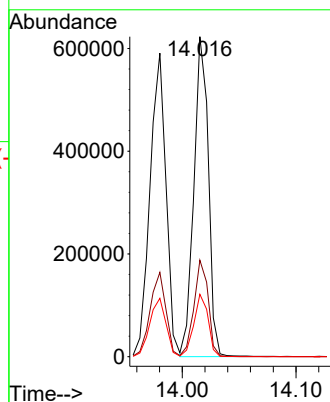
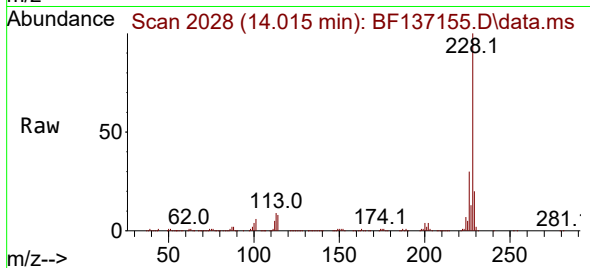
72-11985MSD

Tgt Ion:	228	Resp:	55241
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.8	35.6
229	19.5	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 68.302 ng

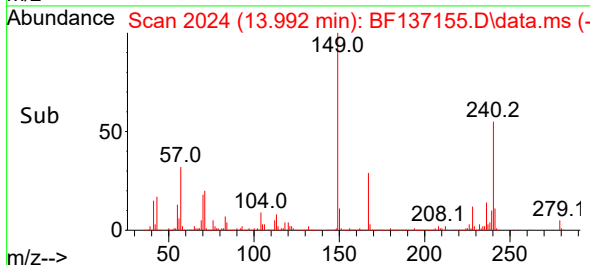
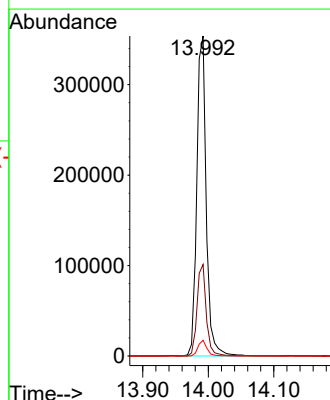
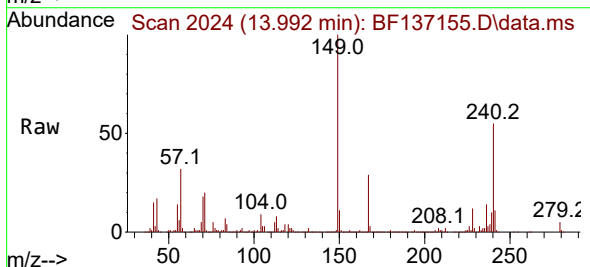
RT: 13.992 min Scan# 2024

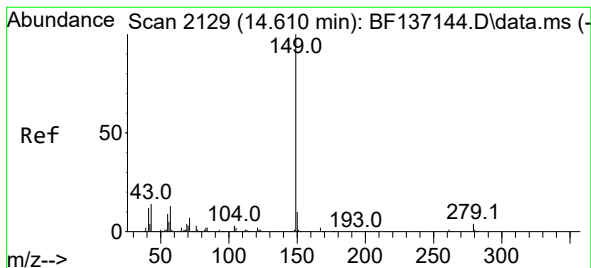
Delta R.T. -0.000 min

Lab File: BF137155.D

Acq: 25 Jan 2024 19:02

Tgt Ion:	149	Resp:	355654
Ion Ratio	Lower	Upper	
149	100		
167	28.6	21.7	32.5
279	4.9	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 67.821 ng

RT: 14.610 min Scan# 2129

Delta R.T. -0.000 min

Lab File: BF137155.D

Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

Tgt Ion:149 Resp: 551550

Ion Ratio Lower Upper

149 100

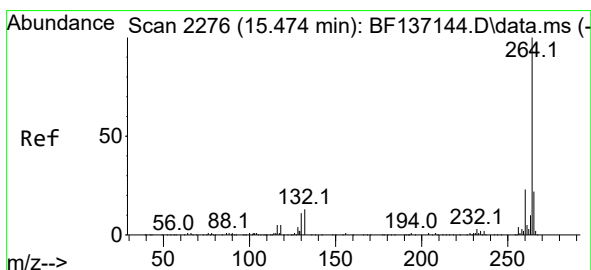
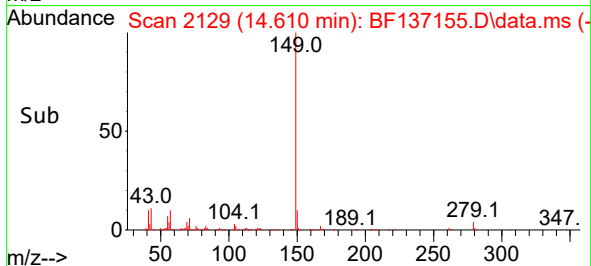
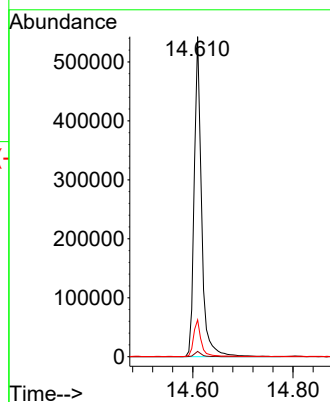
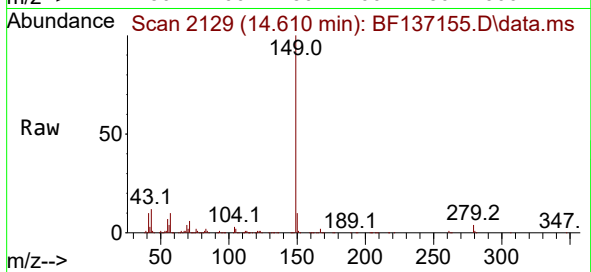
167 1.6 1.3 1.9

43 11.9 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.000 min

Lab File: BF137155.D

Acq: 25 Jan 2024 19:02

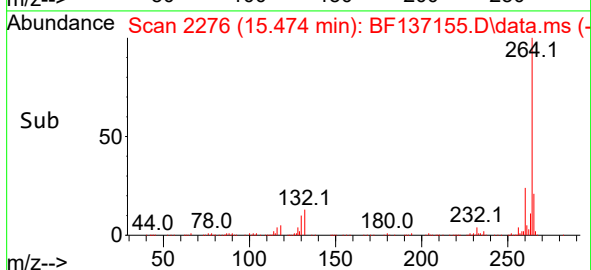
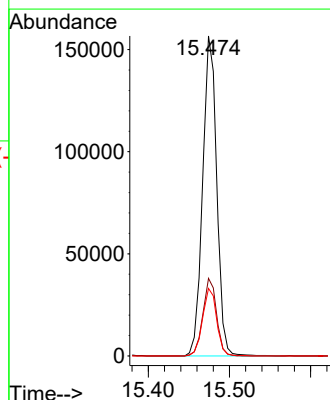
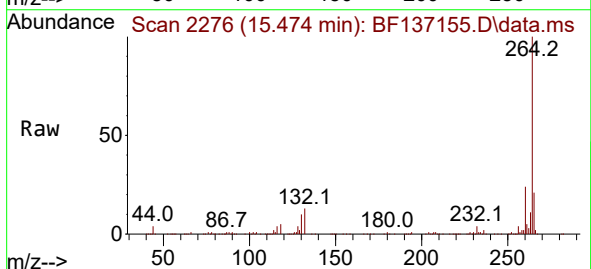
Tgt Ion:264 Resp: 188530

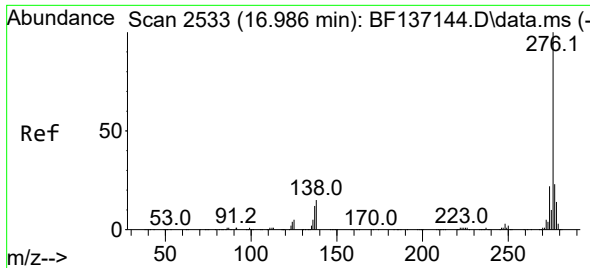
Ion Ratio Lower Upper

264 100

260 24.2 18.5 27.7

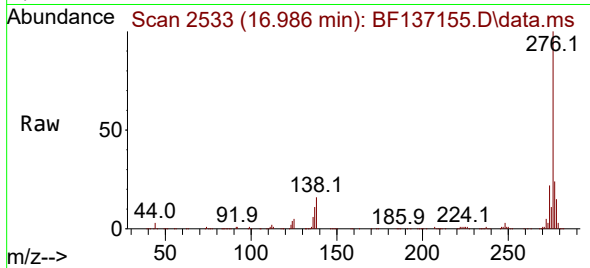
265 21.1 17.2 25.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.214 ng
 RT: 16.986 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137155.D
 Acq: 25 Jan 2024 19:02

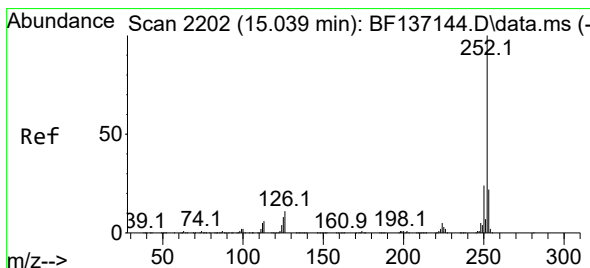
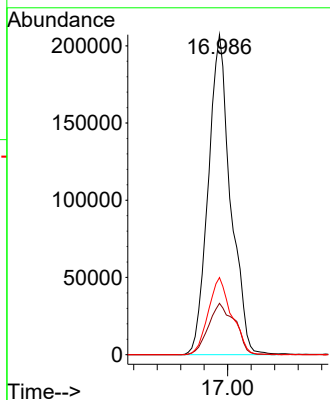
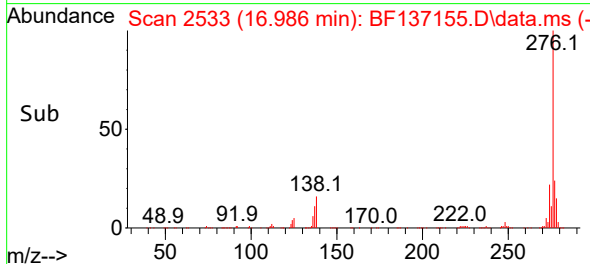
Instrument :
 BNA_F
 ClientSampleId :
 72-11985MSD



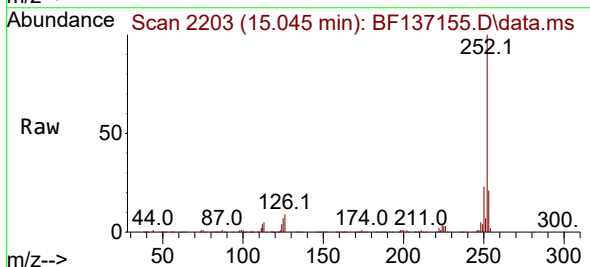
Tgt Ion:276 Resp: 54698
 Ion Ratio Lower Upper
 276 100
 138 19.0 15.4 23.2
 277 25.3 20.5 30.7

Manual Integrations
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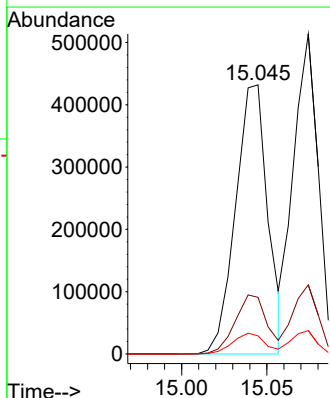
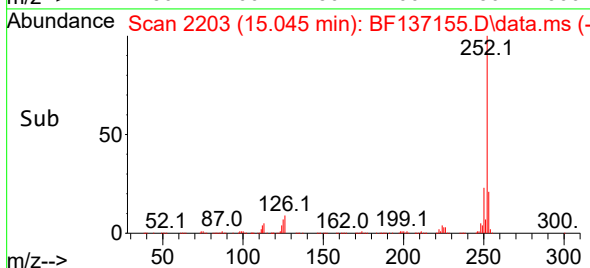
Reviewed By :Jagrut Upadhyay 01/26/2024
 Supervised By :mohammad ahmed 01/29/2024

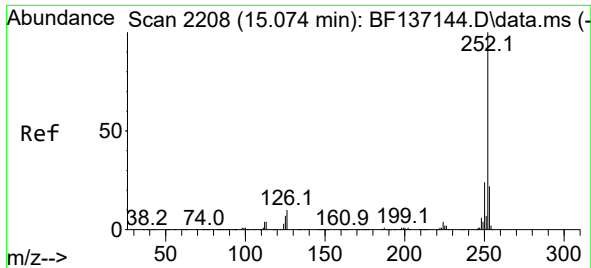


#88
 Benzo(b)fluoranthene
 Concen: 45.956 ng
 RT: 15.045 min Scan# 2203
 Delta R.T. 0.006 min
 Lab File: BF137155.D
 Acq: 25 Jan 2024 19:02



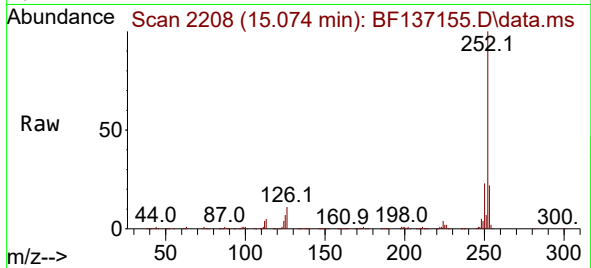
Tgt Ion:252 Resp: 568482
 Ion Ratio Lower Upper
 252 100
 253 21.1 17.7 26.5
 125 6.7 6.4 9.6





#89
Benzo(k)fluoranthene
Concen: 43.364 ng
RT: 15.074 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

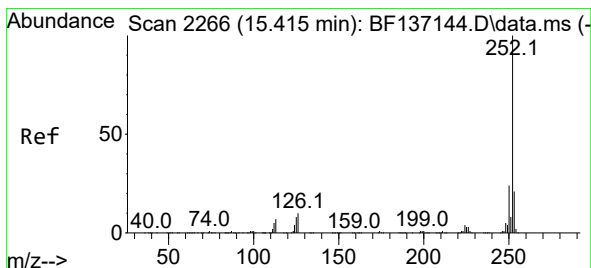
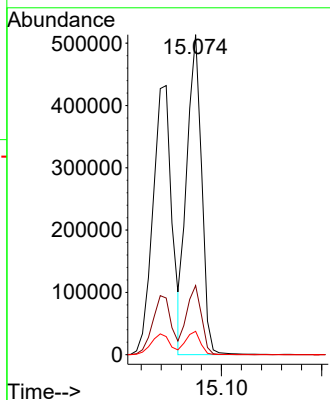
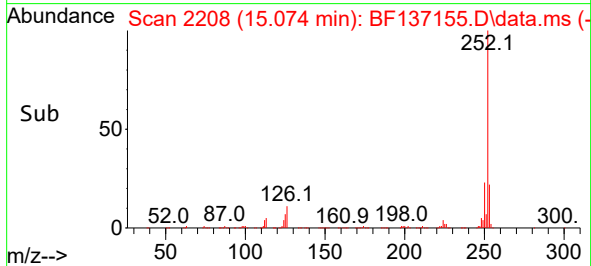
Instrument :
BNA_F
ClientSampleId :
72-11985MSD



Tgt Ion:252 Resp: 52413
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 7.3 5.8 8.8

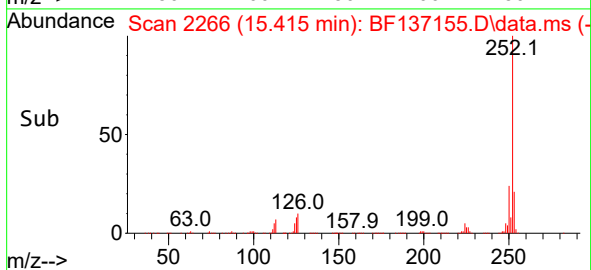
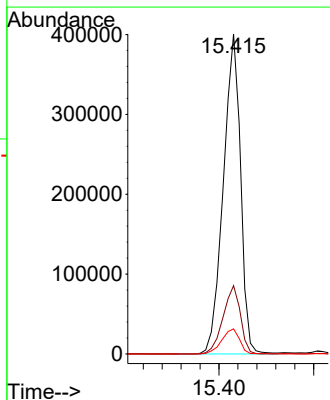
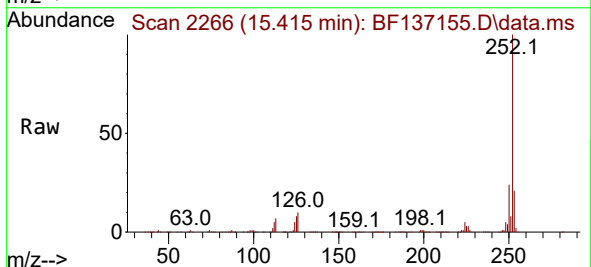
Manual Integrations
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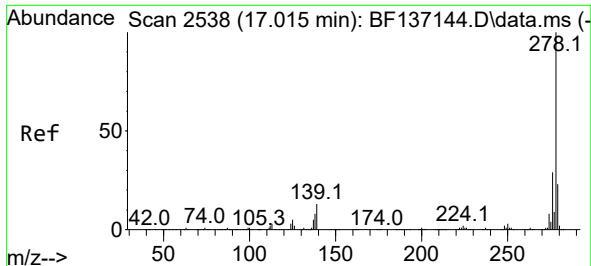
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#90
Benzo(a)pyrene
Concen: 46.297 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Tgt Ion:252 Resp: 505912
Ion Ratio Lower Upper
252 100
253 21.3 16.8 25.2
125 7.9 6.3 9.5





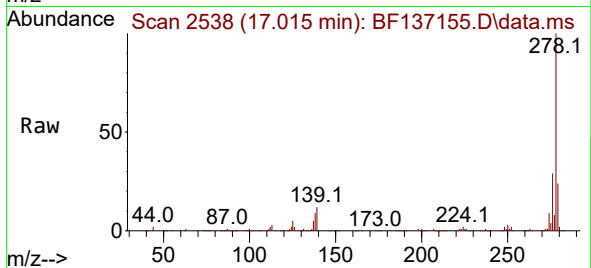
#91
Dibenzo(a,h)anthracene
Concen: 44.234 ng
RT: 17.015 min Scan# 2538
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02

Instrument :

BNA_F

ClientSampleId :

72-11985MSD

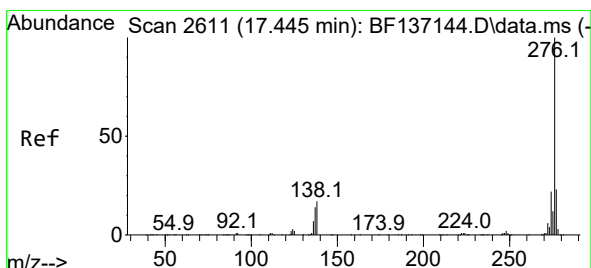
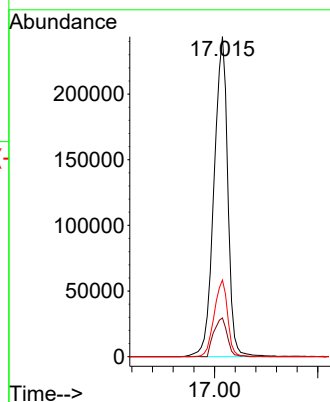
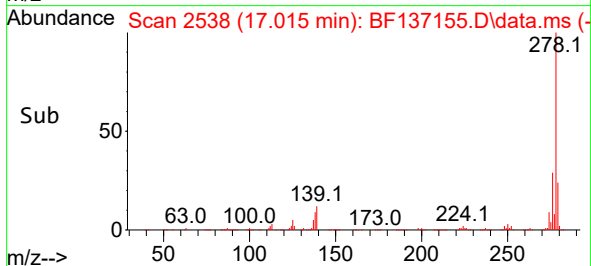


Tgt Ion:278 Resp: 45126
Ion Ratio Lower Upper
278 100
139 12.1 10.1 15.1
279 23.9 18.5 27.7

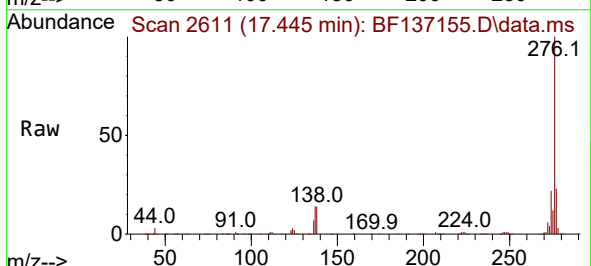
Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024



#92
Benzo(g,h,i)perylene
Concen: 40.794 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF137155.D
Acq: 25 Jan 2024 19:02



Tgt Ion:276 Resp: 400800
Ion Ratio Lower Upper
276 100
277 22.7 18.6 27.8
138 14.3 13.2 19.8

