

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137424.D
 Acq On : 28 Feb 2024 15:53
 Operator : CG\JU
 Sample : PB159308BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159308BSD

Manual Integrations
 APPROVED

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

Quant Time: Feb 28 16:38:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	251106	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	1010349	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	530627	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	914232	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	495965	20.000	ng	0.00
86) Perylene-d12	15.457	264	430478	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2047285	125.804	ng	0.00
7) Phenol-d6	6.434	99	2807813	117.292	ng	0.00
23) Nitrobenzene-d5	7.351	82	1779205	87.916	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	594794	128.723	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	2673912	78.452	ng	-0.01
79) Terphenyl-d14	12.916	244	2943896	83.022	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	335868	37.675	ng	98
3) Pyridine	3.422	79	779337	34.806	ng	97
4) n-Nitrosodimethylamine	3.399	42	396820	46.461	ng	99
6) Aniline	6.451	93	660172	23.255	ng	# 68
8) 2-Chlorophenol	6.569	128	815489	46.721	ng	97
9) Benzaldehyde	6.334	77	144605	12.547	ng	97
10) Phenol	6.445	94	1087979	41.527	ng	86
11) bis(2-Chloroethyl)ether	6.528	93	857349	45.035	ng	98
12) 1,3-Dichlorobenzene	6.722	146	816301	43.550	ng	99
13) 1,4-Dichlorobenzene	6.798	146	837982	43.423	ng	99
14) 1,2-Dichlorobenzene	6.951	146	790852	44.304	ng	98
15) Benzyl Alcohol	6.934	79	747098	52.355	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1368649	43.253	ng	97
17) 2-Methylphenol	7.045	107	673547	40.784	ng	95
18) Hexachloroethane	7.292	117	286989	43.156	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	600963	40.739	ng	96
20) 3+4-Methylphenols	7.198	107	772744	41.053	ng	94
22) Acetophenone	7.192	105	1078675	44.027	ng	# 96
24) Nitrobenzene	7.369	77	932626	45.353	ng	97
25) Isophorone	7.610	82	1748092	41.769	ng	99
26) 2-Nitrophenol	7.681	139	405405	51.376	ng	96
27) 2,4-Dimethylphenol	7.728	122	599845	38.972	ng	96
28) bis(2-Chloroethoxy)met...	7.822	93	1051230	43.579	ng	100
29) 2,4-Dichlorophenol	7.928	162	661366	45.846	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	679300	43.871	ng	98
31) Naphthalene	8.087	128	2247386	41.449	ng	99
32) Benzoic acid	7.875	122	432549	46.227	ng	98
33) 4-Chloroaniline	8.139	127	240945	11.684	ng	97
34) Hexachlorobutadiene	8.204	225	384495	41.800	ng	99
35) Caprolactam	8.522	113	220601m	49.449	ng	
36) 4-Chloro-3-methylphenol	8.628	107	719414	43.989	ng	98
37) 2-Methylnaphthalene	8.781	142	1353801	38.748	ng	99
38) 1-Methylnaphthalene	8.881	142	1303296	39.455	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	641048	43.862	ng	98
41) Hexachlorocyclopentadiene	8.934	237	534061	80.597	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	449760	47.463	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	455163	41.868	ng	99
46) 1,1'-Biphenyl	9.245	154	1670574	43.226	ng	99
47) 2-Chloronaphthalene	9.269	162	1312145	44.958	ng	100
48) 2-Nitroaniline	9.375	65	462272	51.782	ng	93
49) Acenaphthylene	9.686	152	2091827	44.113	ng	100
50) Dimethylphthalate	9.557	163	1556832	42.460	ng	99
51) 2,6-Dinitrotoluene	9.616	165	337683	49.505	ng	# 88
52) Acenaphthene	9.857	154	1186090	41.902	ng	98
53) 3-Nitroaniline	9.786	138	201721	26.968	ng	100
54) 2,4-Dinitrophenol	9.892	184	357371	103.442	ng	94
55) Dibenzofuran	10.033	168	1779880	40.684	ng	99
56) 4-Nitrophenol	9.963	139	540872	92.789	ng	100
57) 2,4-Dinitrotoluene	10.022	165	423060	49.032	ng	98
58) Fluorene	10.375	166	1346565	40.303	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	393267m	43.684	ng	
60) Diethylphthalate	10.257	149	1432159	41.836	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	634165	38.586	ng	99
62) 4-Nitroaniline	10.410	138	347989m	48.473	ng	
63) Azobenzene	10.533	77	1698726	41.475	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	236283	52.399	ng	88
66) n-Nitrosodiphenylamine	10.492	169	1240062	41.765	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	412347	41.955	ng	96
68) Hexachlorobenzene	10.922	284	443170	43.588	ng	97
69) Atrazine	11.028	200	355610	44.380	ng	99
70) Pentachlorophenol	11.122	266	520120	80.743	ng	99
71) Phenanthrene	11.345	178	2064293	40.926	ng	99
72) Anthracene	11.392	178	2126507	40.909	ng	100
73) Carbazole	11.557	167	1902208	42.831	ng	99
74) Di-n-butylphthalate	11.892	149	2162471	48.662	ng	99
75) Fluoranthene	12.539	202	2073303	42.110	ng	98
77) Benzidine	12.669	184	303260	37.571	ng	96
78) Pyrene	12.769	202	2094157	44.654	ng	100
80) Butylbenzylphthalate	13.398	149	563636	69.779	ng	93
81) Benzo(a)anthracene	13.963	228	1522551	44.240	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	322605	41.016	ng	99
83) Chrysene	14.004	228	1515502	43.107	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	700238	68.989	ng	99
85) Di-n-octyl phthalate	14.586	149	1101428	61.544	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.968	276	1353903	45.522	ng	100
88) Benzo(b)fluoranthene	15.027	252	1238518	46.900	ng	99
89) Benzo(k)fluoranthene	15.057	252	1217457	43.986	ng	98
90) Benzo(a)pyrene	15.398	252	1124192	44.880	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	1086912	44.617	ng	98
92) Benzo(g,h,i)perylene	17.427	276	1110579	44.158	ng	99

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

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Supervised By :mohammad ahmed 03/01/2024

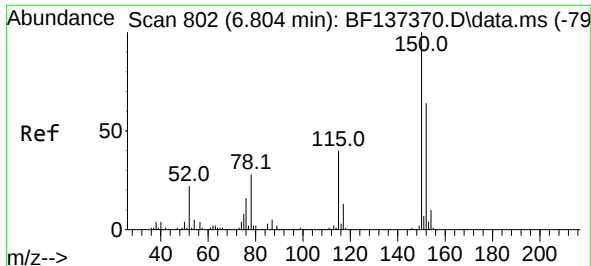
TIC: BF137424.D\data.ms

Abundance

Time-->

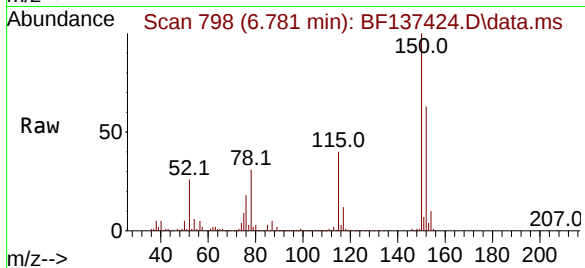
Chemical compounds identified (from left to right):

- 1,4-Dioxane
- n-Nitrosodimethylamine,
- Benzaldehyde
- Phenol-d6,S
- Nitrobenzene-d5,S
- Naphthalene
- Caprolactam
- 2-Chloro-3-methylphenol,C
- Hexachlorobutadiene,C
- 2-Nitroaniline
- 3-Nitroaniline
- Acenaphthylene
- Acenaphthene,C
- Dibenzoturan
- 2,4-Dinitrotoluene
- 2,3,4,6-Tetrabromophthalate
- Azobenzene
- Pentachlorophenyl ether
- Anthrathrene
- Carbazole
- Di-n-butylphthalate
- Fluoranthene,C
- Pyrene
- Terphenyl-d14,S
- Benzo(a)pyrene,C
- Indeno(1,2,3-cd)pyrene
- Benzo(g,h,i)perylene



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.023 min
 Lab File: BF137424.D
 Acq: 28 Feb 2024 15:53

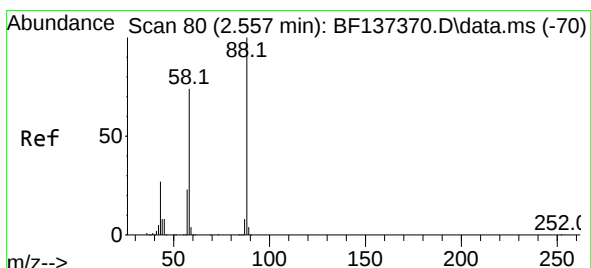
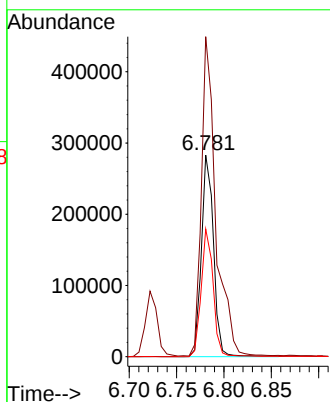
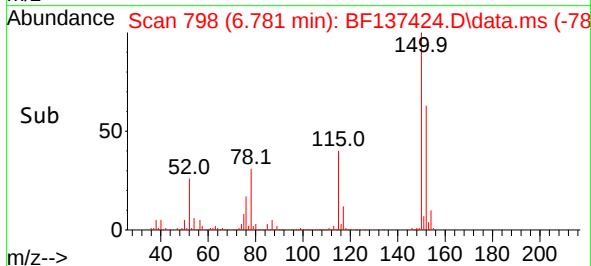
Instrument :
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Tgt Ion:152 Resp: 251100
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.7 188.5
 115 63.3 49.8 74.8

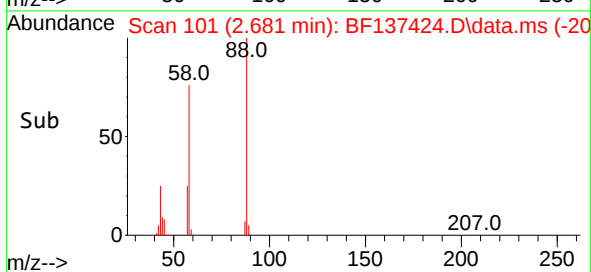
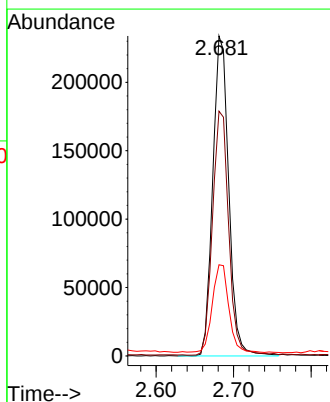
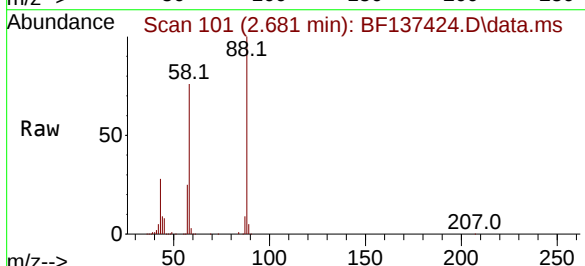
Manual Integrations
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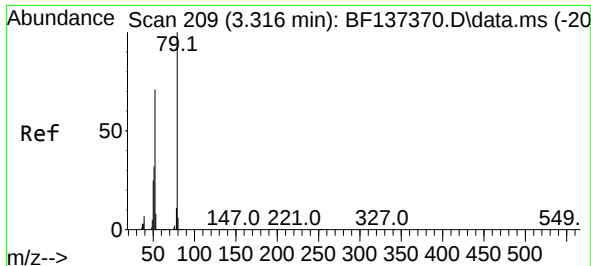
Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024



#2
 1,4-Dioxane
 Concen: 37.675 ng
 RT: 2.681 min Scan# 101
 Delta R.T. 0.124 min
 Lab File: BF137424.D
 Acq: 28 Feb 2024 15:53

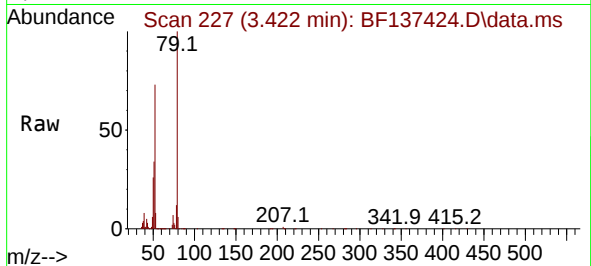
Tgt Ion: 88 Resp: 335868
 Ion Ratio Lower Upper
 88 100
 58 77.3 60.6 91.0
 43 28.1 22.0 33.0





#3
Pyridine
Concen: 34.806 ng
RT: 3.422 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

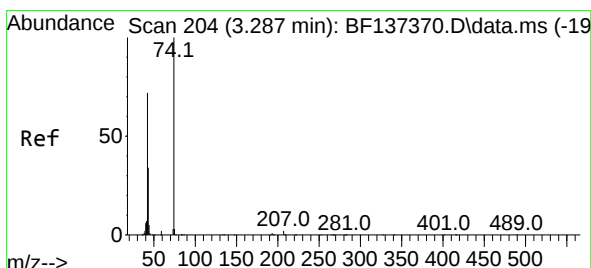
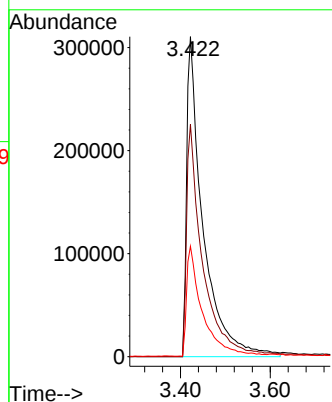
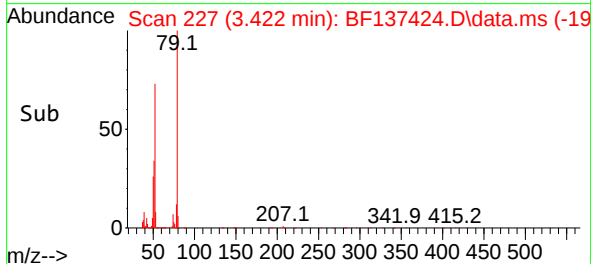
Instrument :
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ClientSampleId :
PB159308BSD



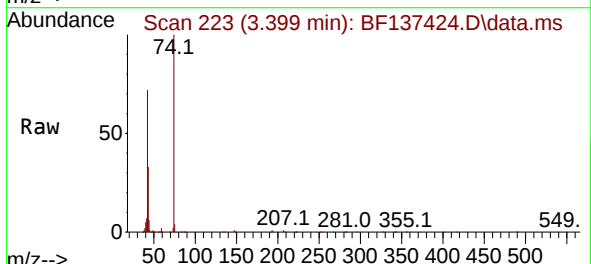
Tgt Ion: 79 Resp: 77933
Ion Ratio Lower Upper
79 100
52 72.6 56.5 84.7
51 34.5 26.2 39.2

Manual Integrations
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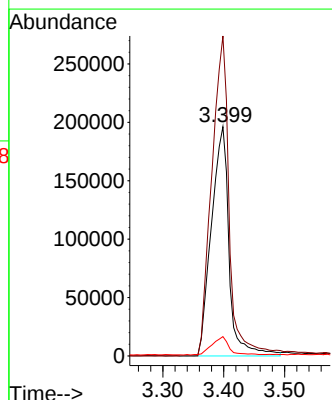
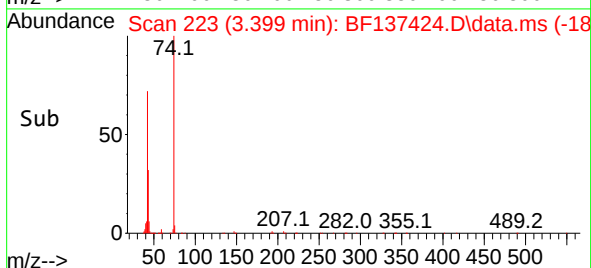
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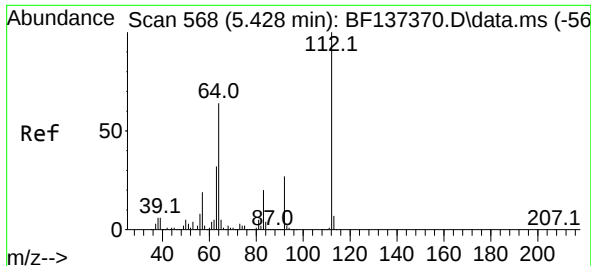


#4
n-Nitrosodimethylamine
Concen: 46.461 ng
RT: 3.399 min Scan# 223
Delta R.T. 0.112 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53



Tgt Ion: 42 Resp: 396820
Ion Ratio Lower Upper
42 100
74 139.6 110.8 166.2
44 8.5 6.0 9.0





#5
2-Fluorophenol
Concen: 125.804 ng
RT: 5.434 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

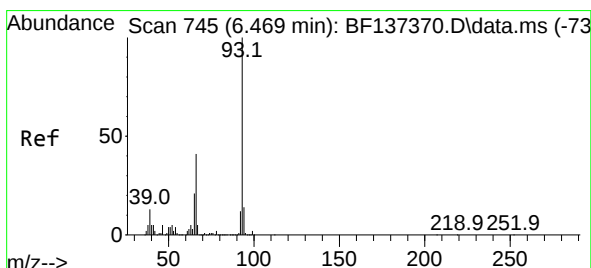
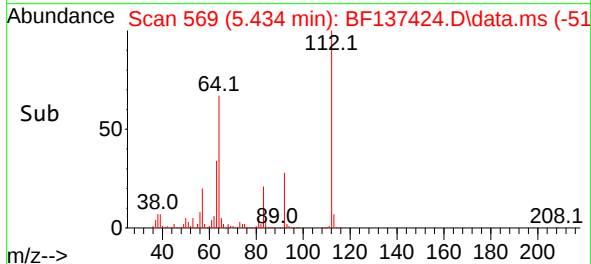
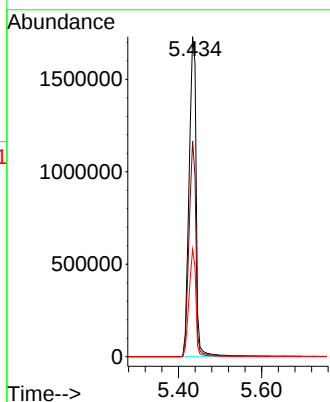
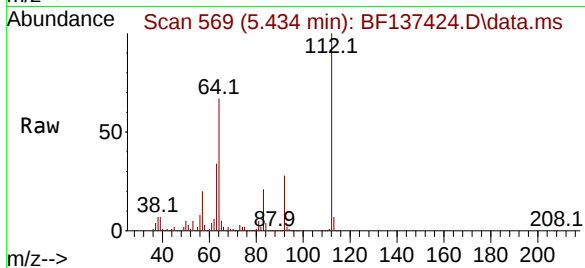
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Tgt Ion:112 Resp: 2047285
Ion Ratio Lower Upper
112 100
64 67.3 51.0 76.6
63 33.6 25.7 38.5

Manual Integrations

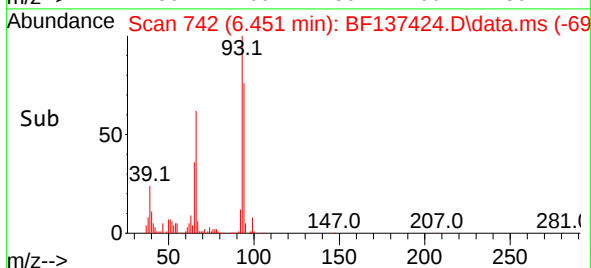
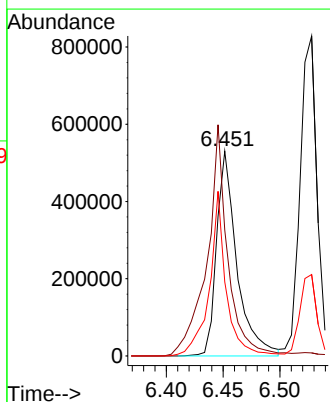
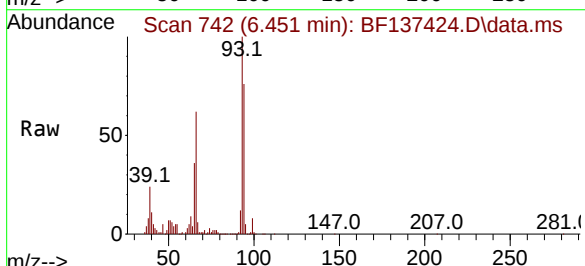
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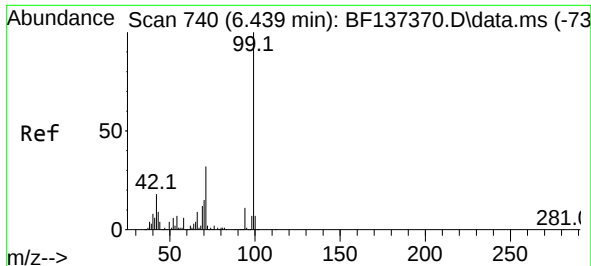
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#6
Aniline
Concen: 23.255 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

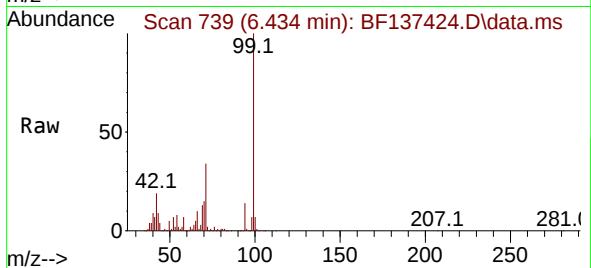
Tgt Ion: 93 Resp: 660172
Ion Ratio Lower Upper
93 100
66 61.5 33.0 49.4#
65 36.2 17.0 25.6#





#7
Phenol-d6
Concen: 117.292 ng
RT: 6.434 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

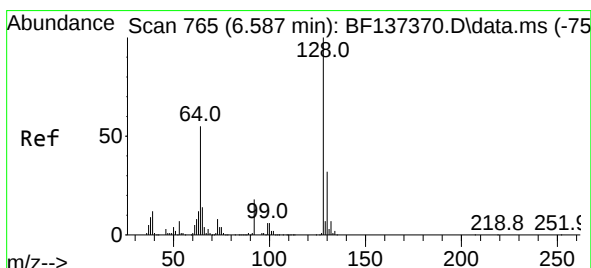
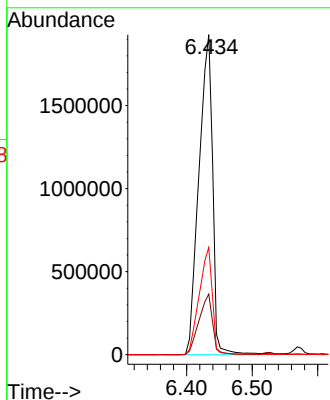
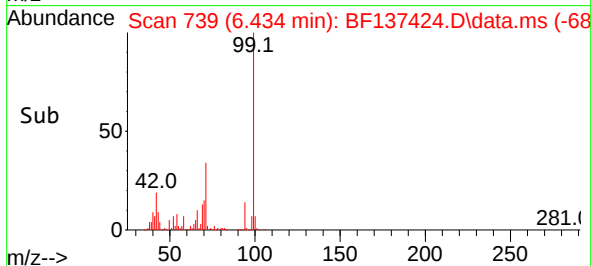
Instrument :
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Tgt Ion: 99 Resp: 280781
Ion Ratio Lower Upper
99 100
42 18.9 14.2 21.4
71 33.5 25.2 37.8

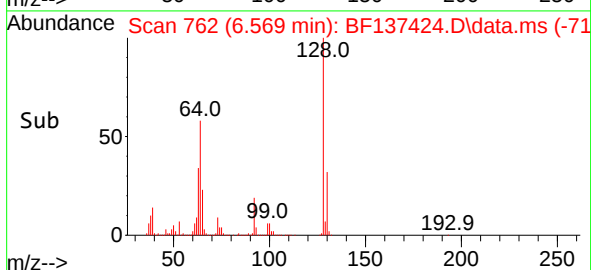
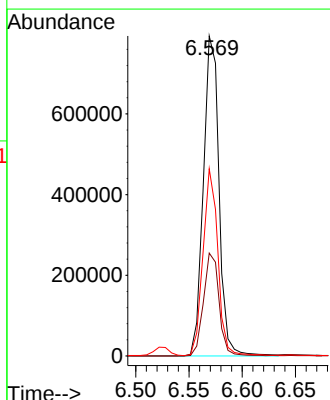
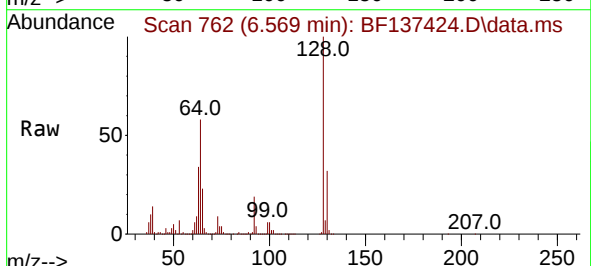
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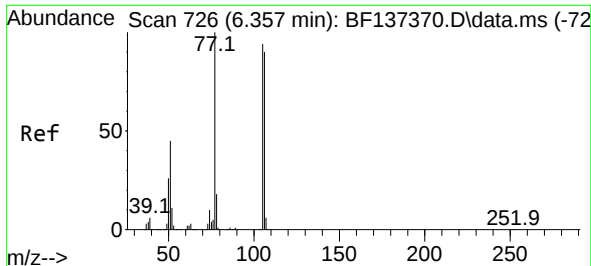
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#8
2-Chlorophenol
Concen: 46.721 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.018 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

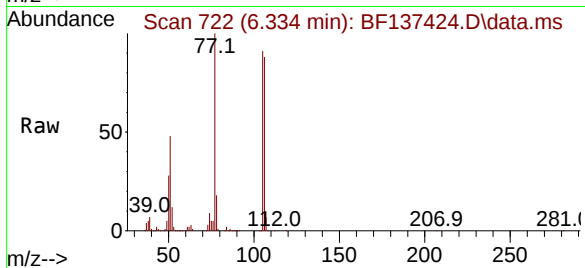
Tgt Ion:128 Resp: 815489
Ion Ratio Lower Upper
128 100
130 32.2 12.1 52.1
64 58.5 35.3 75.3





#9
Benzaldehyde
Concen: 12.547 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

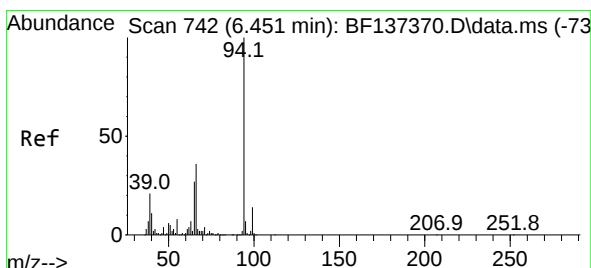
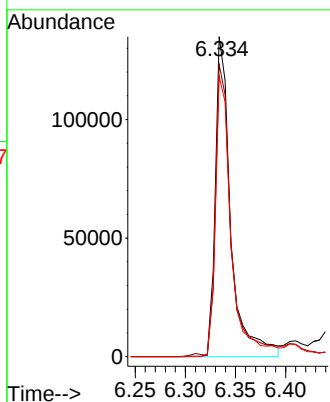
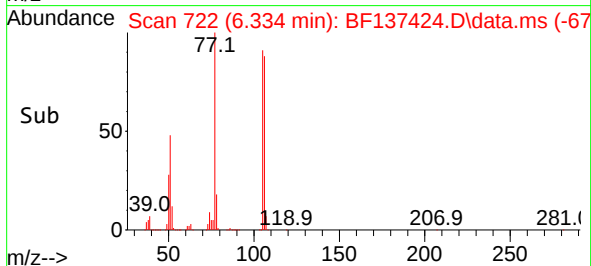
Instrument :
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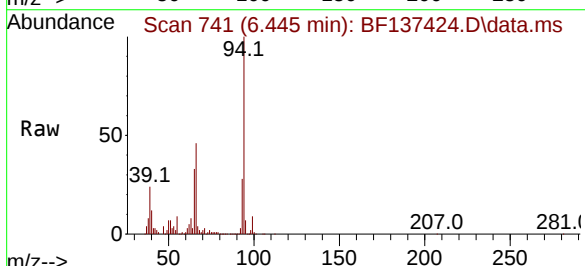
Tgt Ion: 77 Resp: 144609
Ion Ratio Lower Upper
77 100
105 91.3 74.1 114.1
106 87.6 70.2 110.2

Manual Integrations
APPROVED

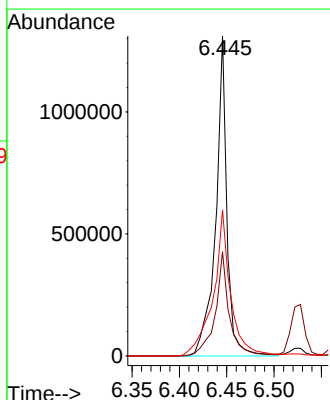
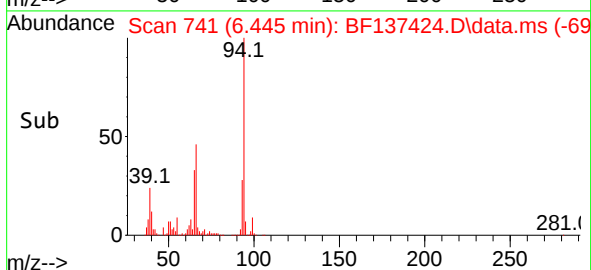
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

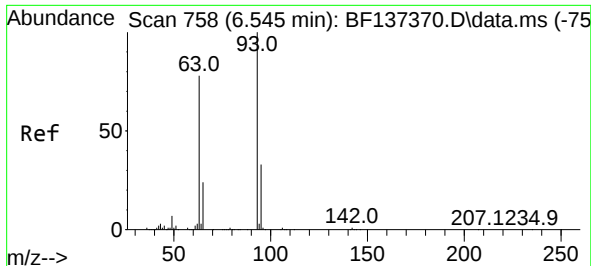


#10
Phenol
Concen: 41.527 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53



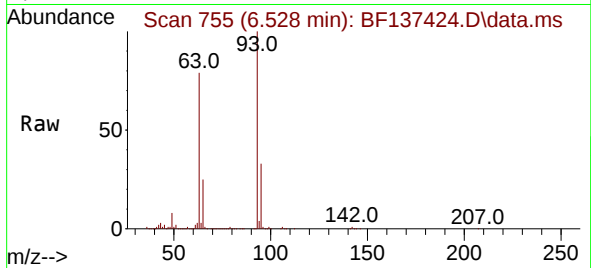
Tgt Ion: 94 Resp: 1087979
Ion Ratio Lower Upper
94 100
65 32.5 7.4 47.4
66 45.7 15.6 55.6





#11
bis(2-Chloroethyl)ether
Concen: 45.035 ng
RT: 6.528 min Scan# 701
Delta R.T. -0.018 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

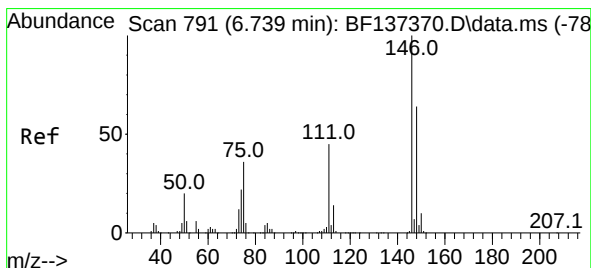
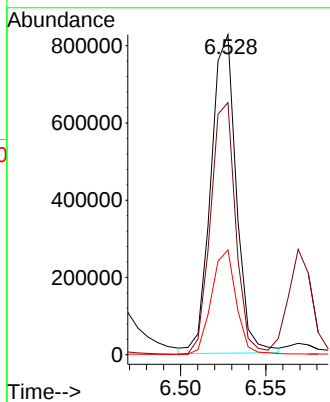
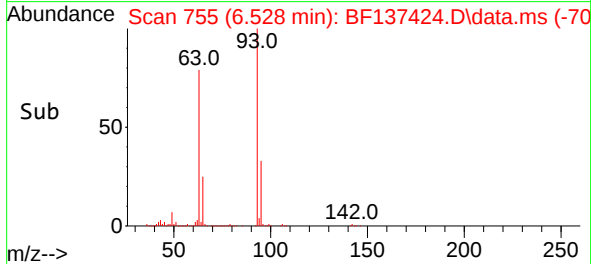
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



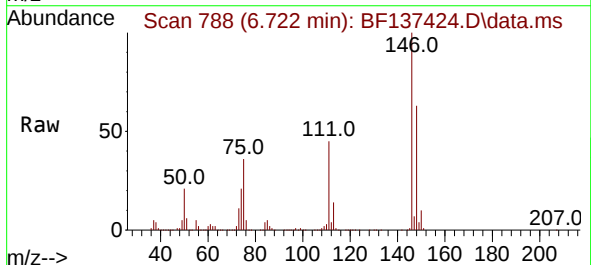
Tgt Ion: 93 Resp: 857349
Ion Ratio Lower Upper
93 100
63 78.7 56.1 96.1
95 32.8 12.7 52.7

Manual Integrations
APPROVED

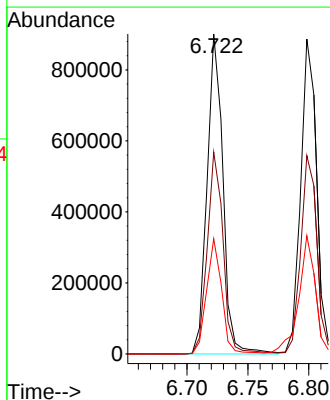
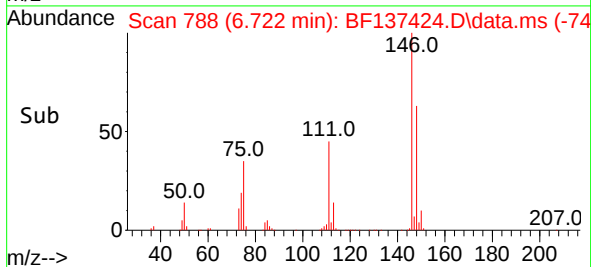
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

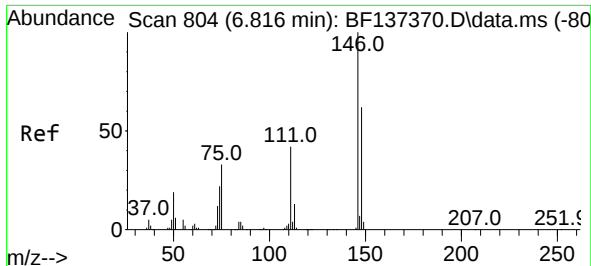


#12
1,3-Dichlorobenzene
Concen: 43.550 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53



Tgt Ion:146 Resp: 816301
Ion Ratio Lower Upper
146 100
148 63.1 50.9 76.3
75 36.0 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 43.423 ng

RT: 6.798 min Scan# 804

Delta R.T. -0.018 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

PB159308BSD

Tgt Ion:146 Resp: 837982

Ion Ratio Lower Upper

146 100

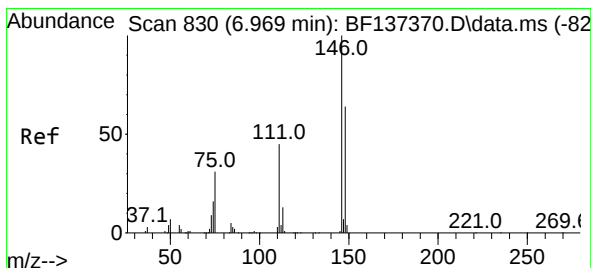
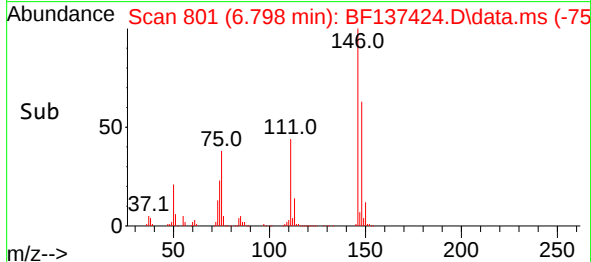
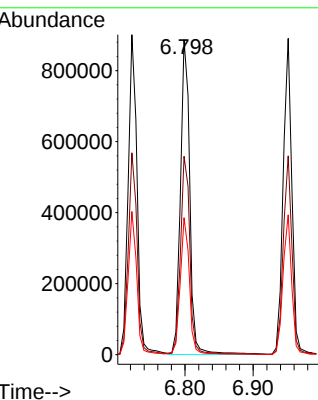
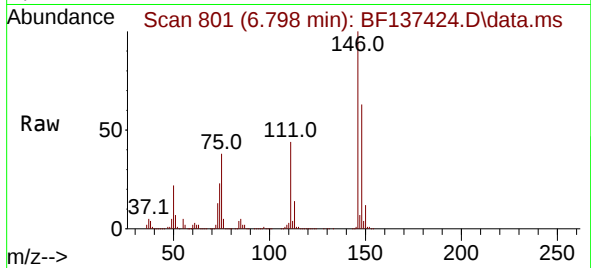
148 63.0 49.9 74.9

111 43.5 34.3 51.5

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 44.304 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.018 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

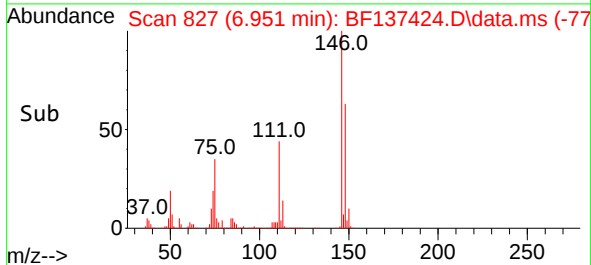
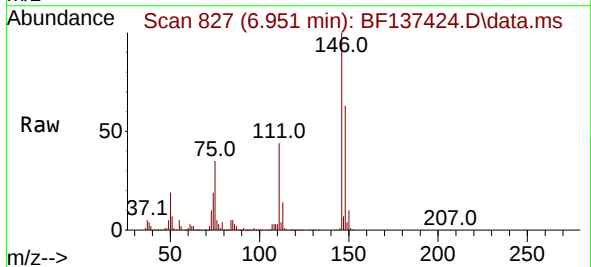
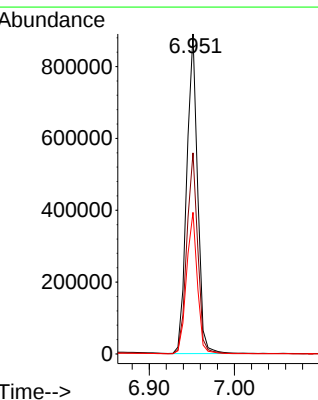
Tgt Ion:146 Resp: 790852

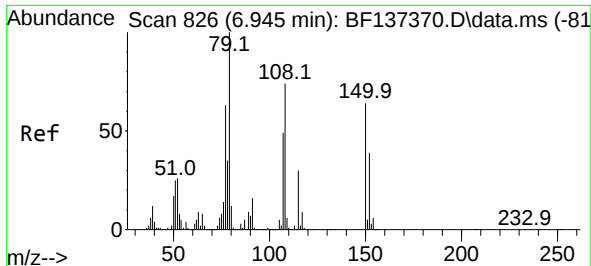
Ion Ratio Lower Upper

146 100

148 62.9 51.4 77.0

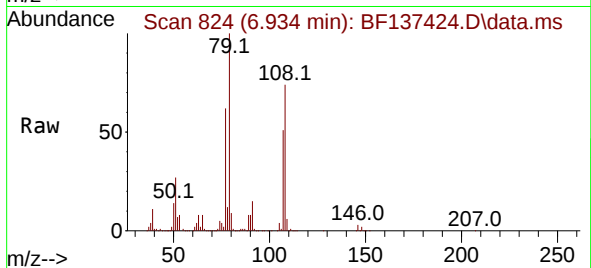
111 44.2 36.6 54.8





#15
Benzyl Alcohol
Concen: 52.355 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

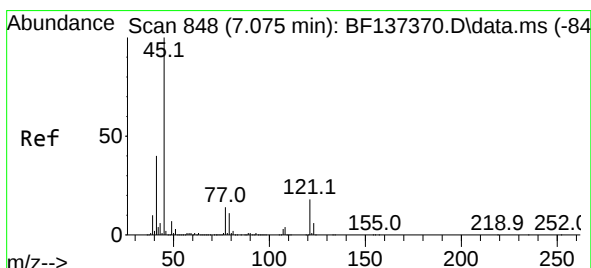
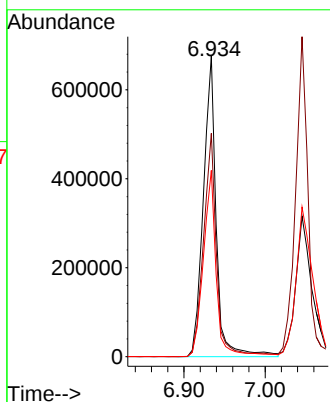
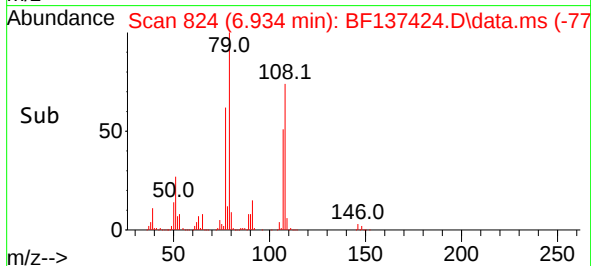
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



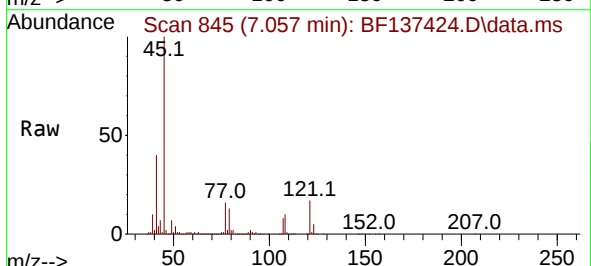
Tgt Ion: 79 Resp: 747098
Ion Ratio Lower Upper
79 100
108 74.2 59.5 89.3
77 61.9 50.5 75.7

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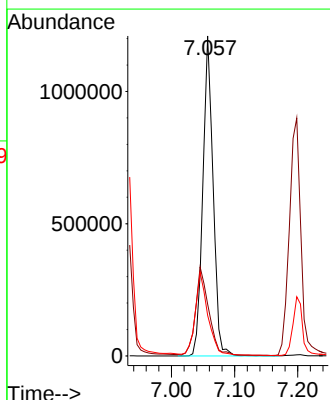
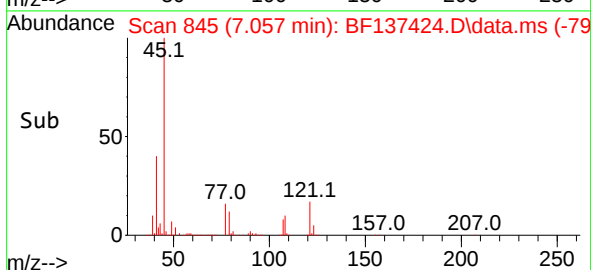
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

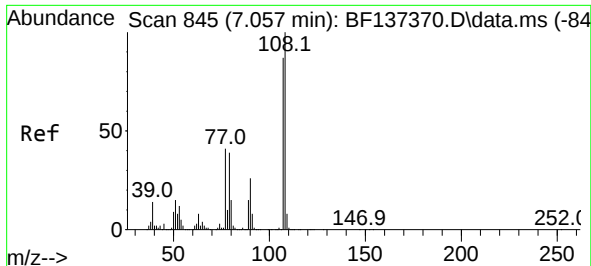


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.253 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53



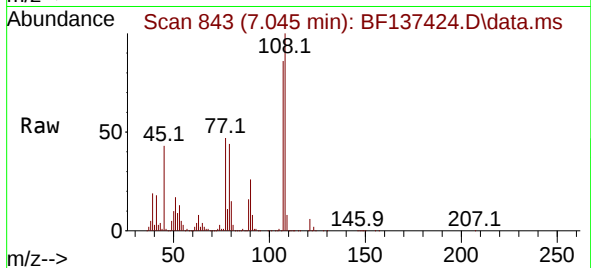
Tgt Ion: 45 Resp: 1368649
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.6
79 12.7 0.0 31.6





#17
2-Methylphenol
Concen: 40.784 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

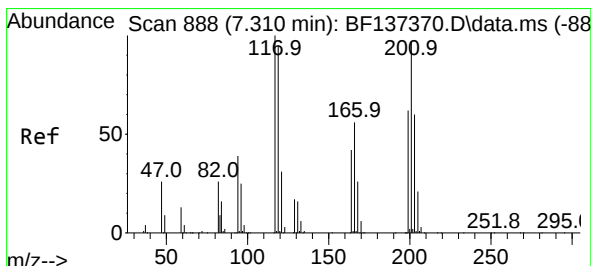
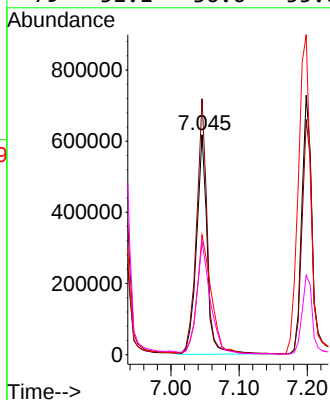
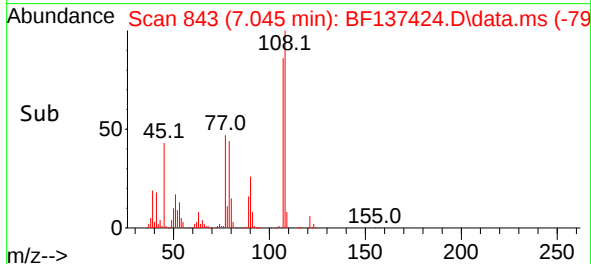
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



Tgt Ion:107 Resp: 67354
Ion Ratio Lower Upper
107 100
108 116.4 92.2 138.4
77 54.4 38.1 57.1
79 51.1 36.6 55.0

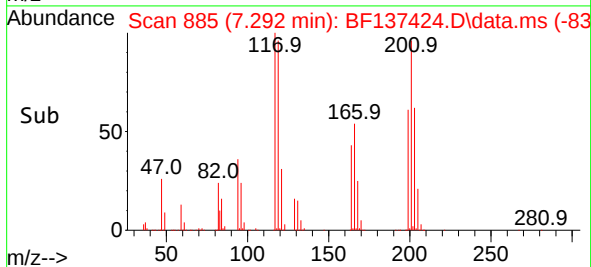
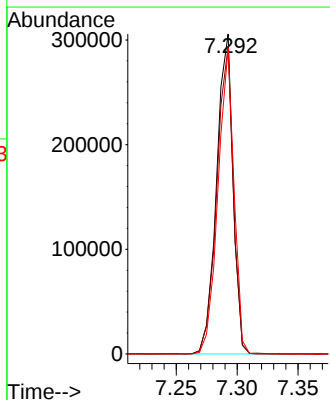
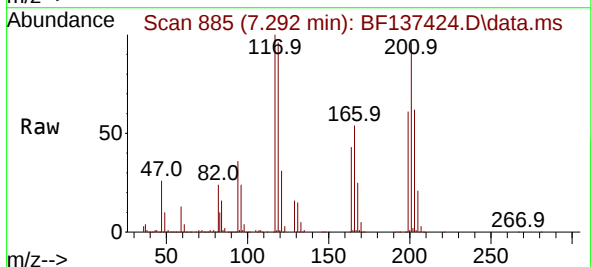
Manual Integrations
APPROVED

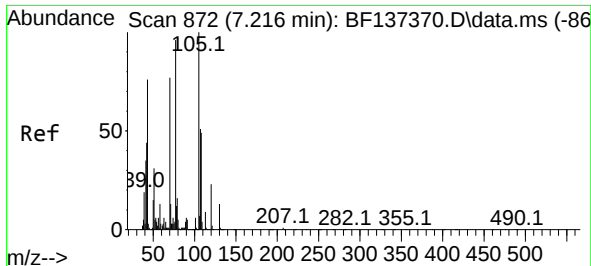
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#18
Hexachloroethane
Concen: 43.156 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

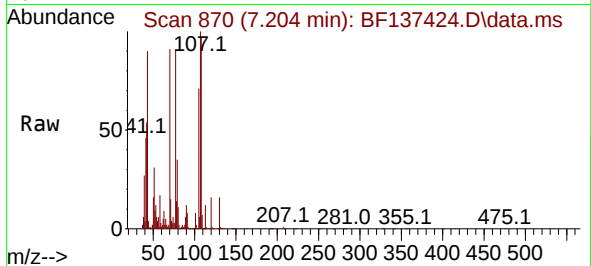
Tgt Ion:117 Resp: 286989
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.4
201 95.5 77.6 116.4





#19
n-Nitroso-di-n-propylamine
Concen: 40.739 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

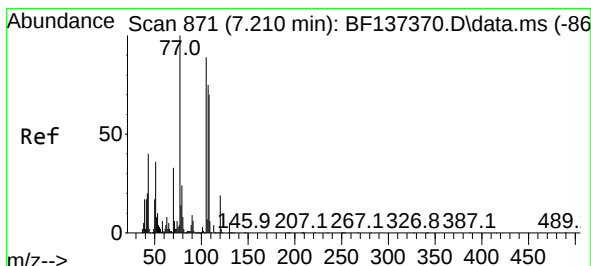
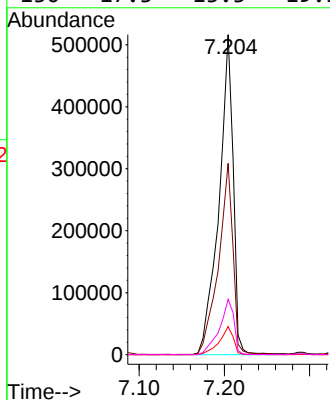
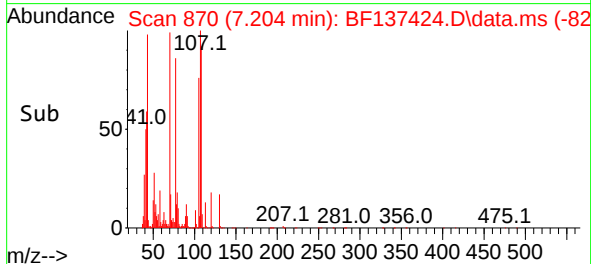
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



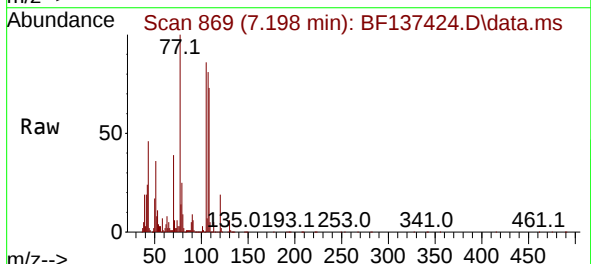
Tgt Ion: 70 Resp: 60096
Ion Ratio Lower Upper
70 100
42 59.8 45.3 67.9
101 8.8 6.5 9.7
130 17.3 13.3 19.9

Manual Integrations
APPROVED

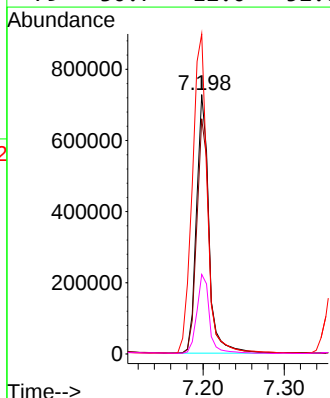
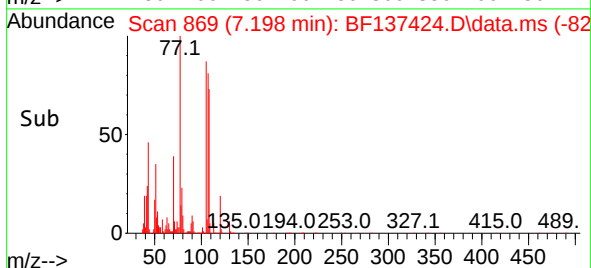
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

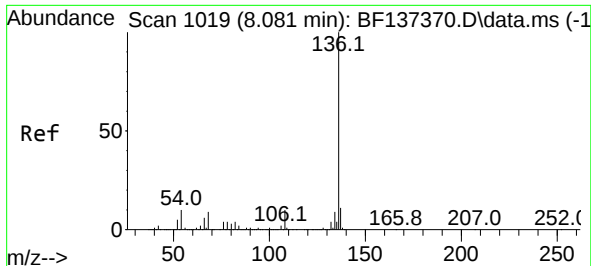


#20
3+4-Methylphenols
Concen: 41.053 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53



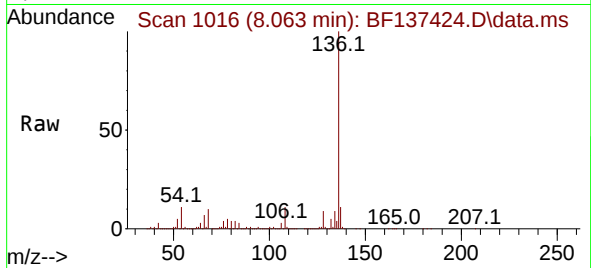
Tgt Ion:107 Resp: 772744
Ion Ratio Lower Upper
107 100
108 90.7 73.1 113.1
77 123.4 113.6 153.6
79 30.7 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

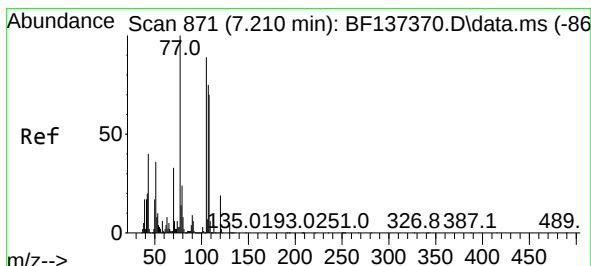
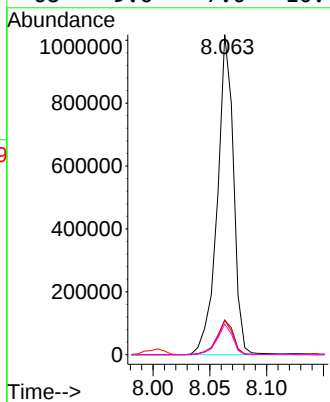
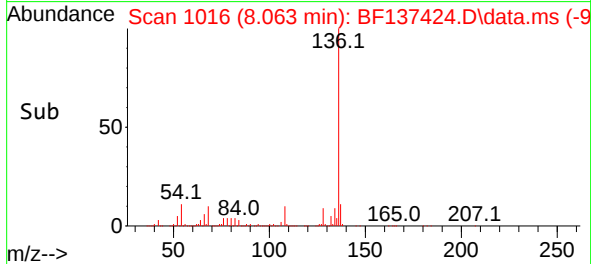
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



Tgt Ion:136 Resp: 1010349
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 10.8 7.8 11.6
68 9.6 7.0 10.4

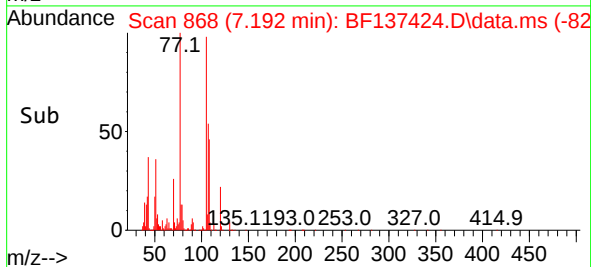
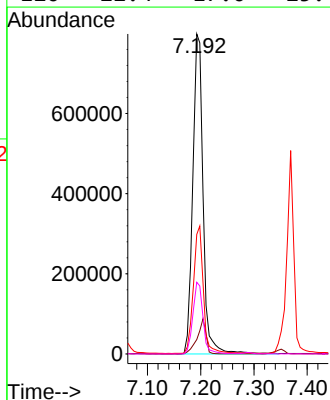
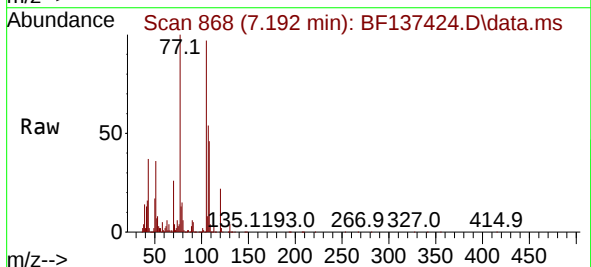
Manual Integrations
APPROVED

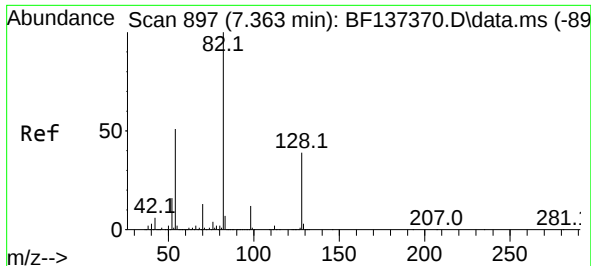
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#22
Acetophenone
Concen: 44.027 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:105 Resp: 1078675
Ion Ratio Lower Upper
105 100
71 4.5 5.0 7.6#
51 37.3 32.2 48.4
120 22.4 17.0 25.4





#23

Nitrobenzene-d5

Concen: 87.916 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

PB159308BSD

Tgt Ion: 82 Resp: 177920

Ion Ratio Lower Upper

82 100

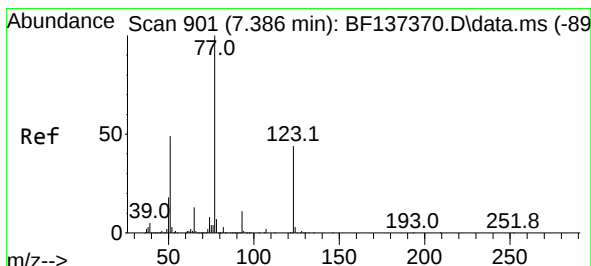
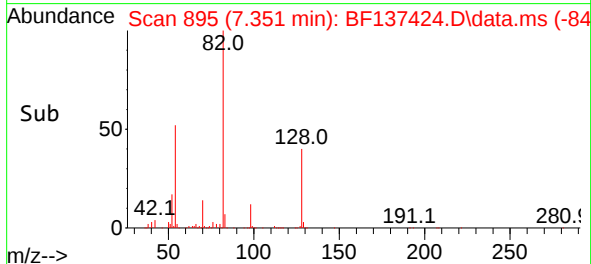
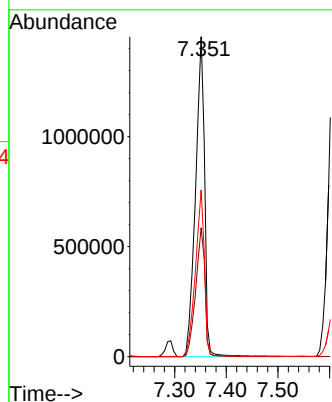
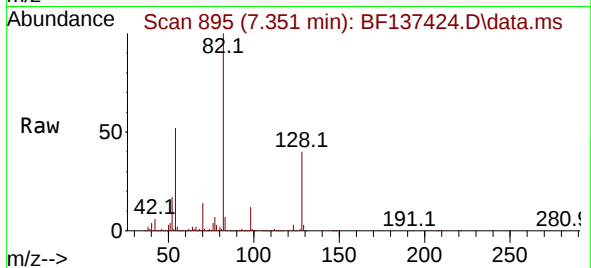
128 40.3 30.8 46.2

54 52.1 40.8 61.2

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 45.353 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

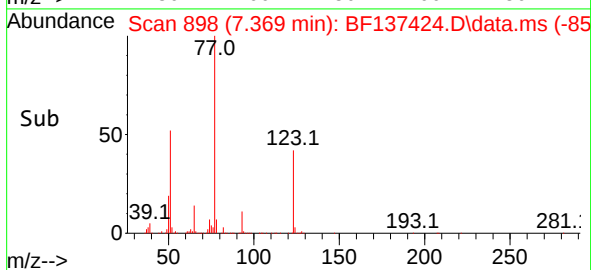
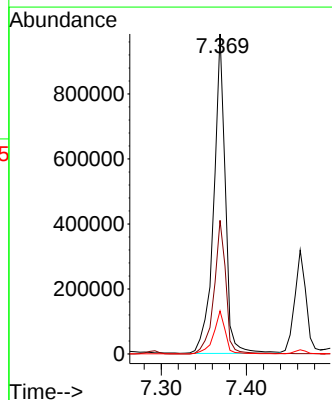
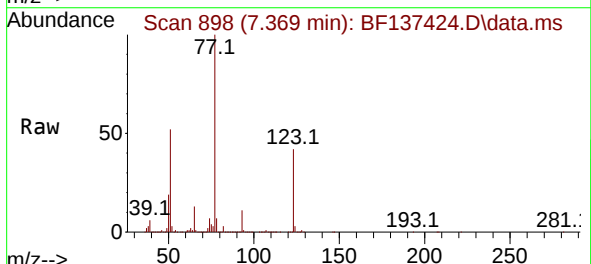
Tgt Ion: 77 Resp: 932626

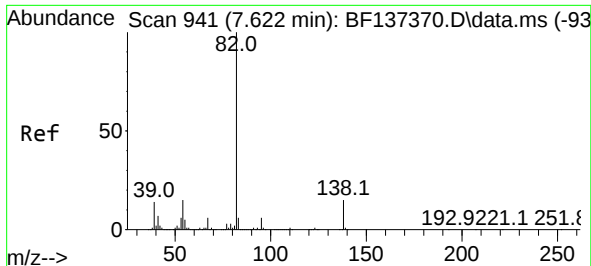
Ion Ratio Lower Upper

77 100

123 41.8 35.4 53.0

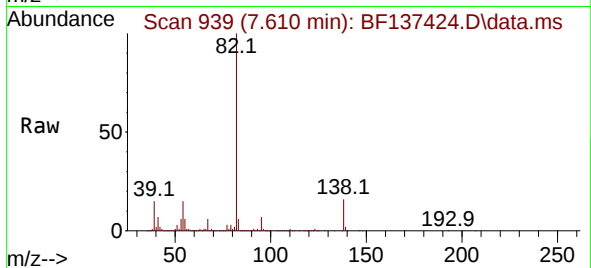
65 13.5 10.3 15.5





#25
Isophorone
Concen: 41.769 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

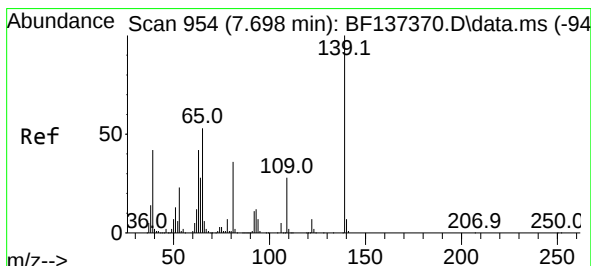
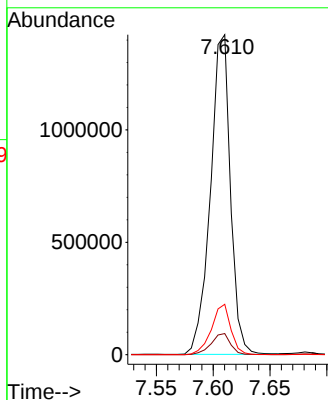
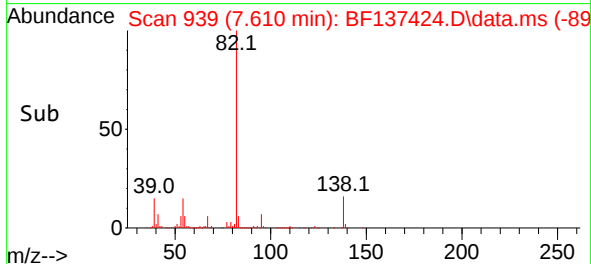
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



Tgt Ion: 82 Resp: 1748092
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.8 12.2 18.4

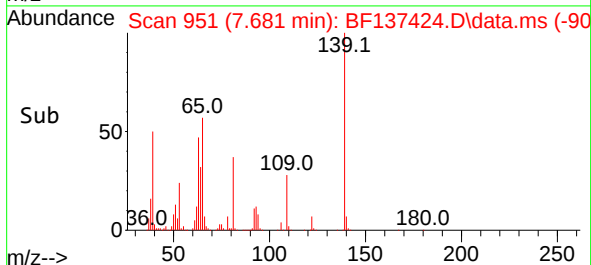
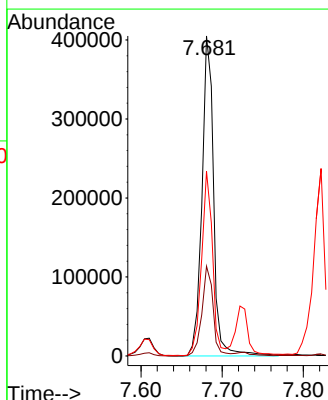
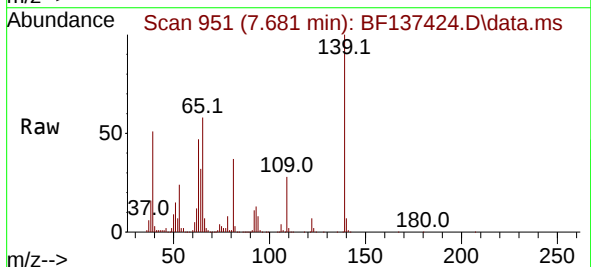
Manual Integrations
APPROVED

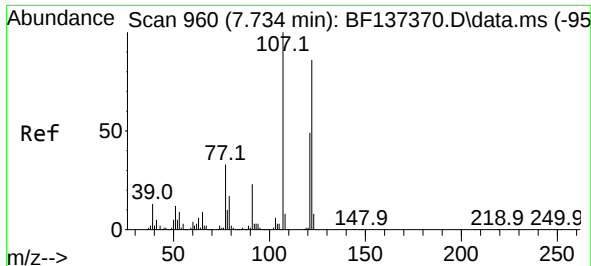
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#26
2-Nitrophenol
Concen: 51.376 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.017 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:139 Resp: 405405
Ion Ratio Lower Upper
139 100
109 28.0 22.5 33.7
65 57.7 42.3 63.5





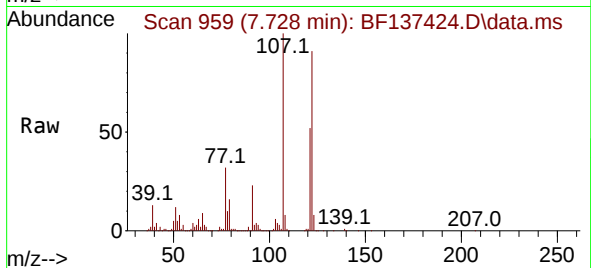
#27
2,4-Dimethylphenol
Concen: 38.972 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

PB159308BSD

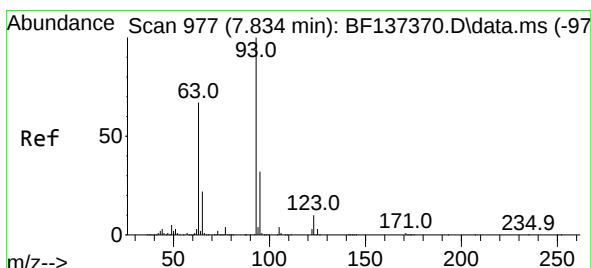
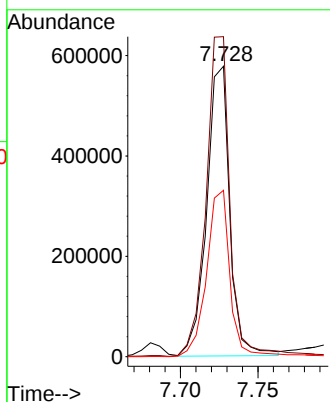
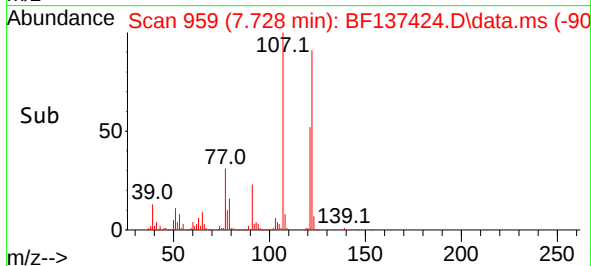


Tgt Ion:122 Resp: 59984
Ion Ratio Lower Upper
122 100
107 110.2 92.7 139.1
121 57.3 45.2 67.8

Manual Integrations

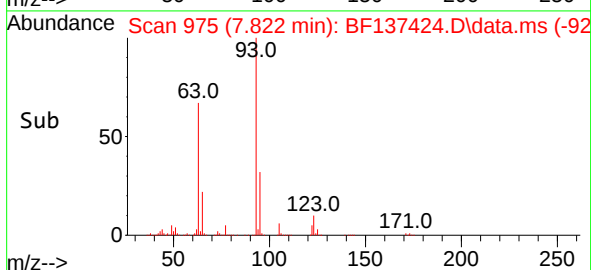
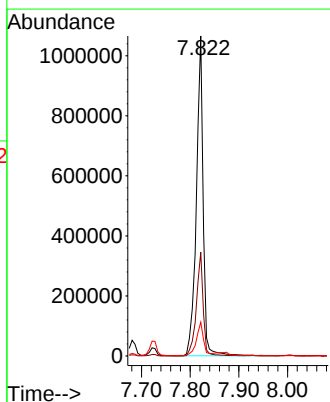
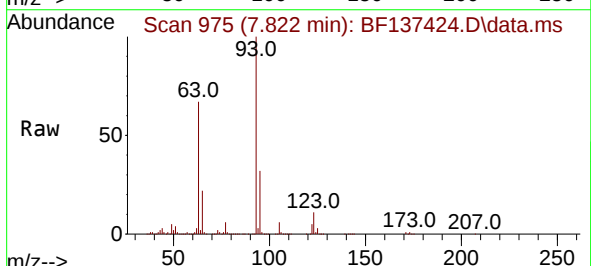
APPROVED

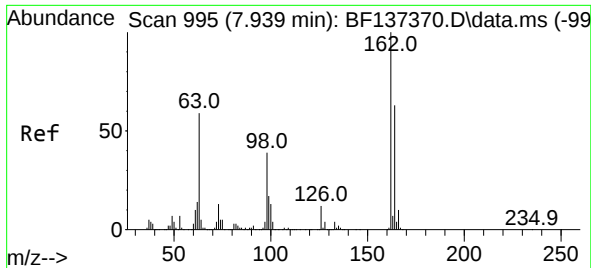
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.579 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion: 93 Resp: 1051230
Ion Ratio Lower Upper
93 100
95 32.5 25.9 38.9
123 10.6 8.2 12.4





#29
2,4-Dichlorophenol
Concen: 45.846 ng
RT: 7.928 min Scan# 995
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

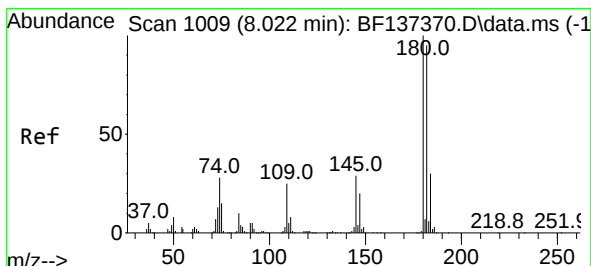
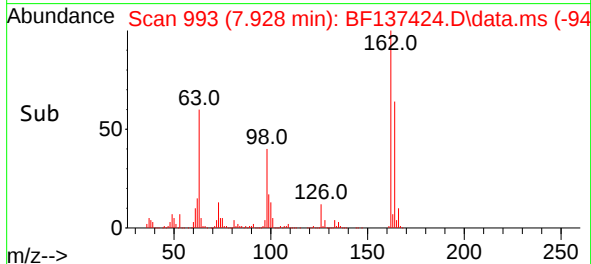
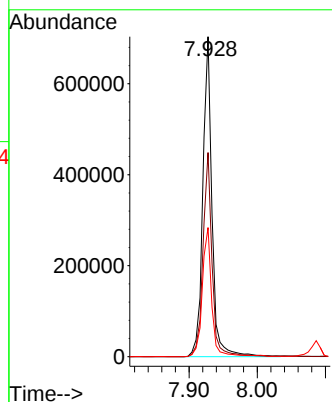
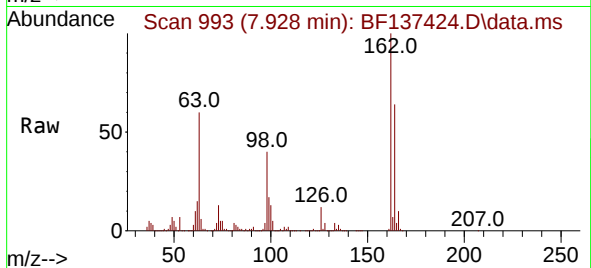
PB159308BSD

Tgt Ion:162 Resp: 661360
Ion Ratio Lower Upper
162 100
164 63.8 43.1 83.1
98 40.4 19.0 59.0

Manual Integrations

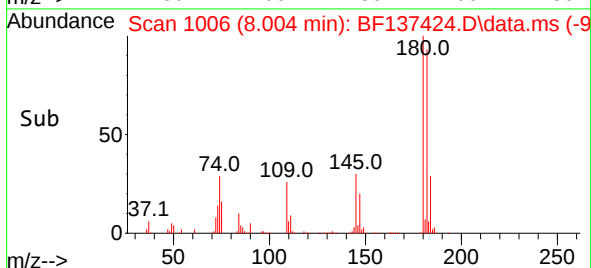
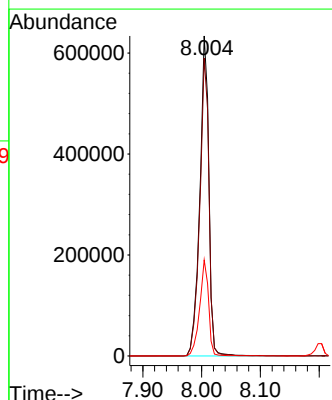
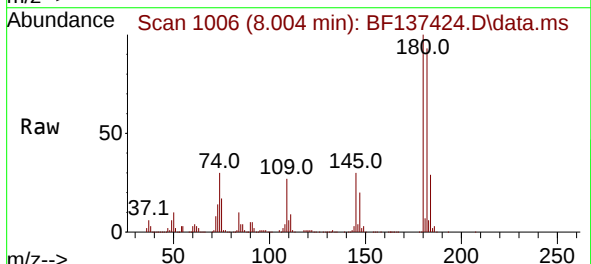
APPROVED

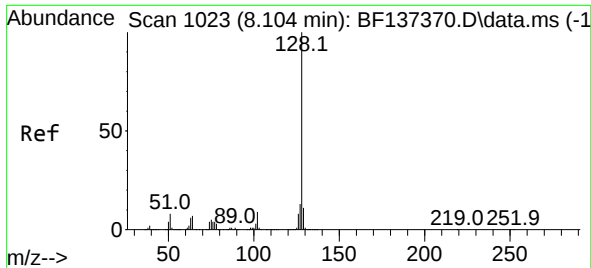
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.871 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:180 Resp: 679300
Ion Ratio Lower Upper
180 100
182 93.1 75.8 113.6
145 30.0 23.4 35.0





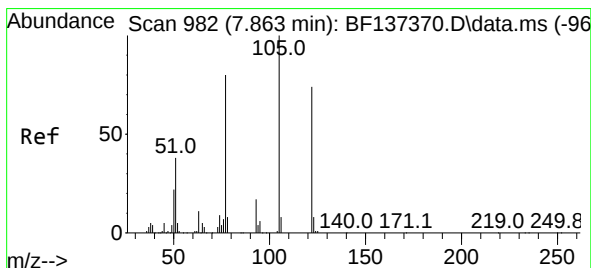
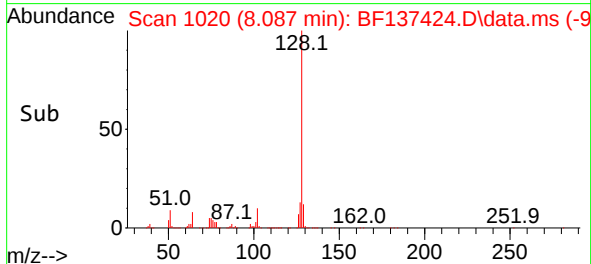
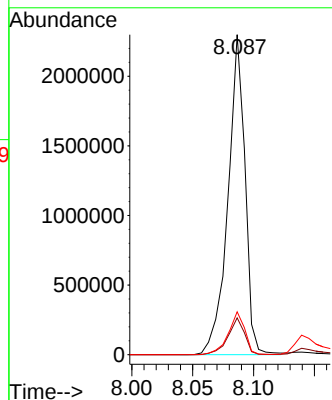
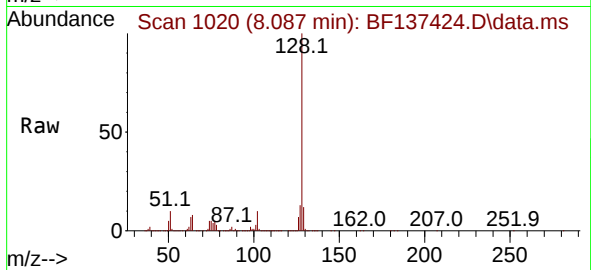
#31
Naphthalene
Concen: 41.449 ng
RT: 8.087 min Scan# 1023
Delta R.T. -0.017 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Instrument :
BNA_F
ClientSampleId :
PB159308BSD

Tgt Ion:128 Resp: 2247380
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.4 10.6 16.0

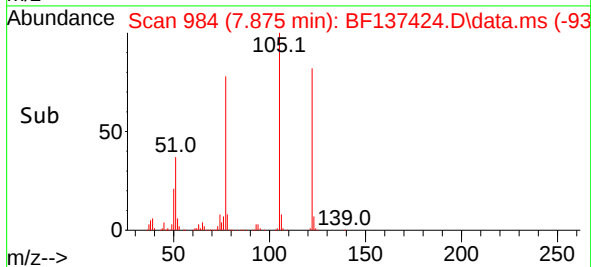
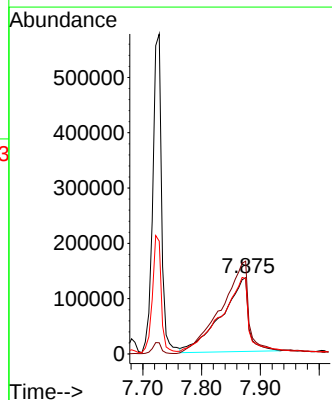
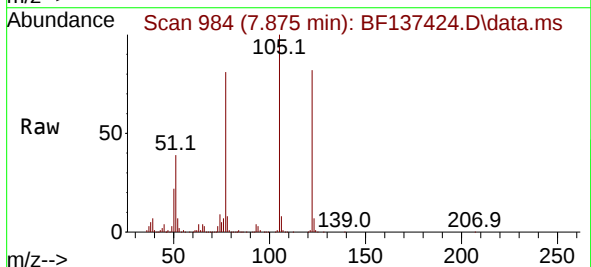
Manual Integrations
APPROVED

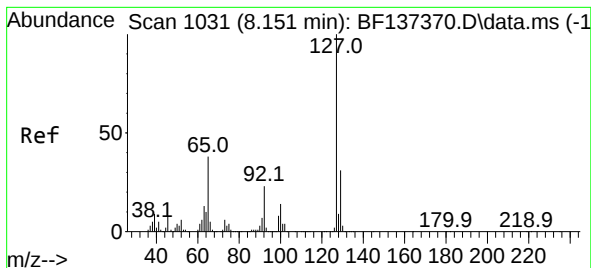
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#32
Benzoic acid
Concen: 46.227 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:122 Resp: 432549
Ion Ratio Lower Upper
122 100
105 122.0 101.1 141.1
77 99.3 82.8 122.8





#33
4-Chloroaniline
Concen: 11.684 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

PB159308BSD

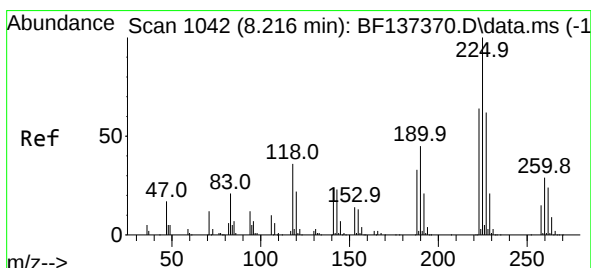
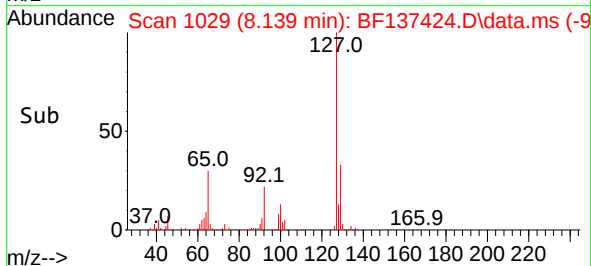
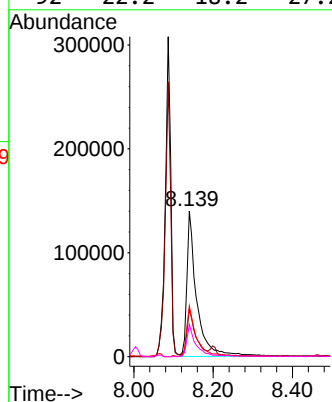
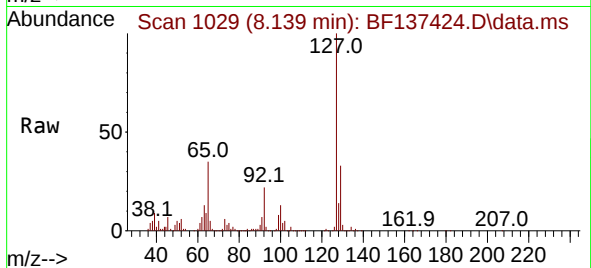
Tgt Ion:127 Resp: 240945

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.0	37.6
65	35.0	30.4	45.6
92	22.2	18.2	27.2

Manual Integrations

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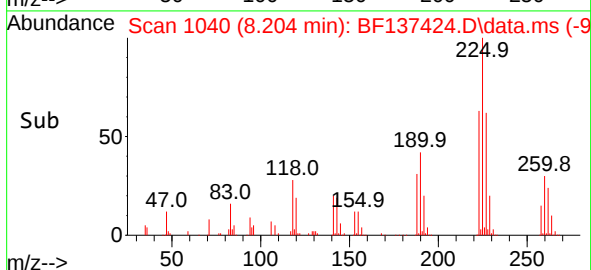
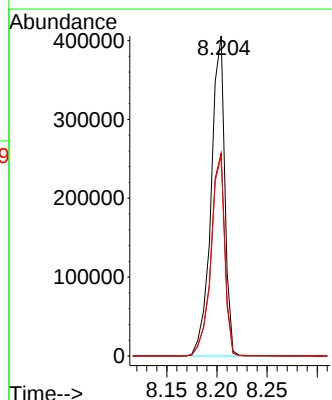
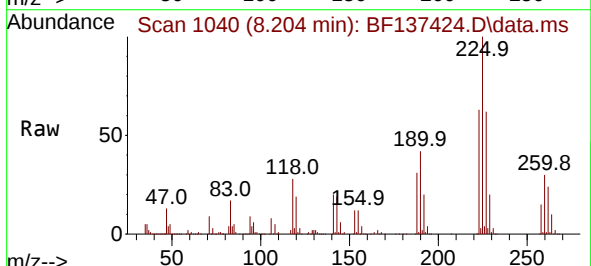
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

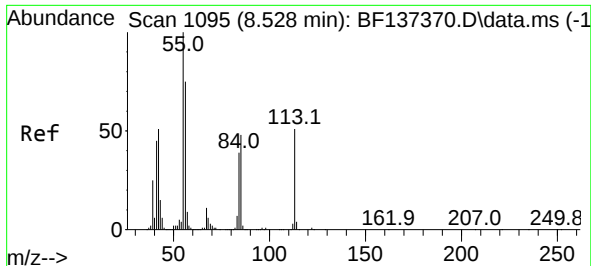


#34
Hexachlorobutadiene
Concen: 41.800 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:225 Resp: 384495

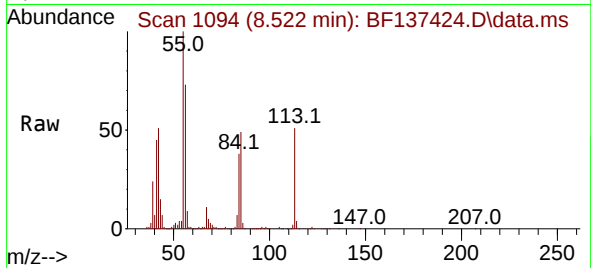
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.4	77.0
227	62.5	49.8	74.6





#35
Caprolactam
Concen: 49.449 ng m
RT: 8.522 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

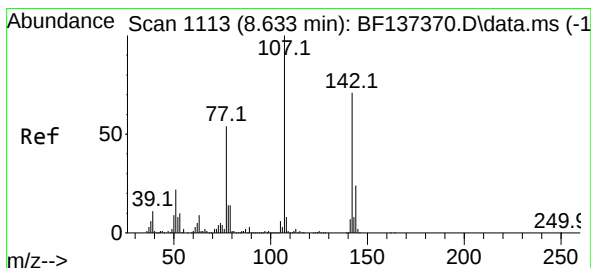
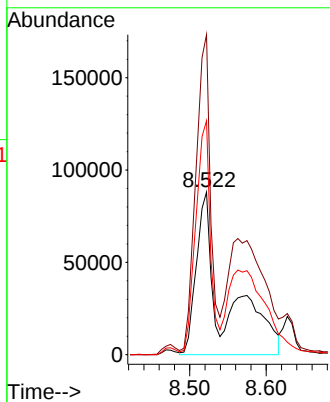
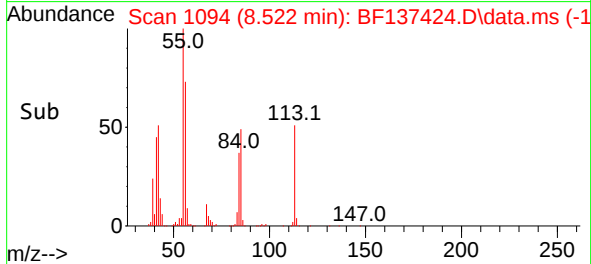
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



Tgt Ion:113 Resp: 22060
Ion Ratio Lower Upper
113 100
55 196.9 176.3 216.3
56 143.9 127.6 167.6

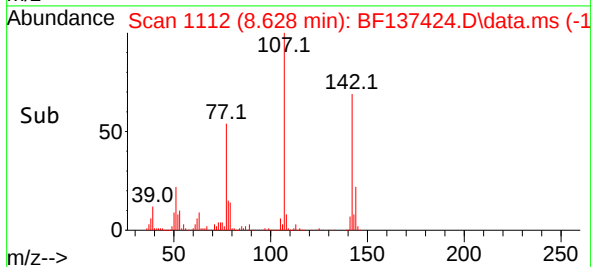
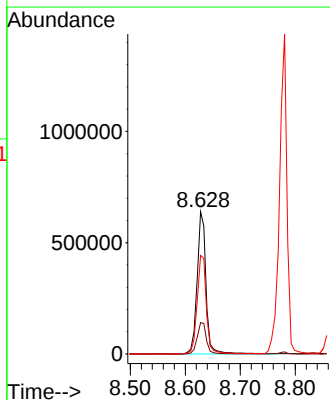
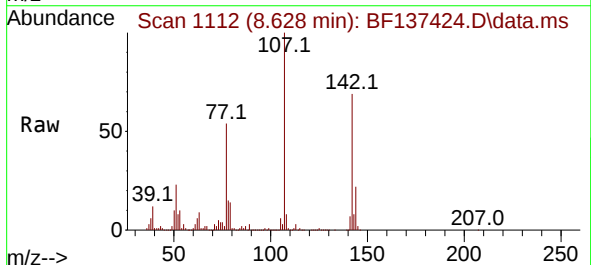
Manual Integrations
APPROVED

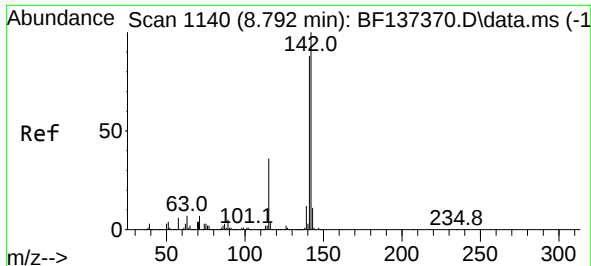
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#36
4-Chloro-3-methylphenol
Concen: 43.989 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:107 Resp: 719414
Ion Ratio Lower Upper
107 100
144 22.1 18.9 28.3
142 69.3 56.6 85.0





#37

2-Methylnaphthalene

Concen: 38.748 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.012 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

PB159308BSD

Tgt Ion:142 Resp: 135380

Ion Ratio Lower Upper

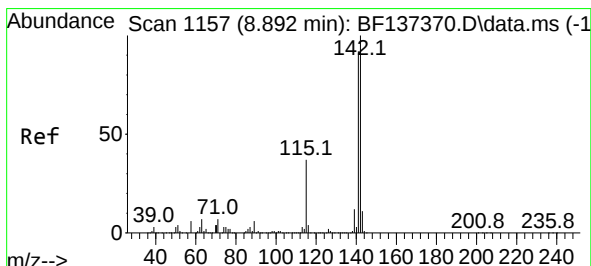
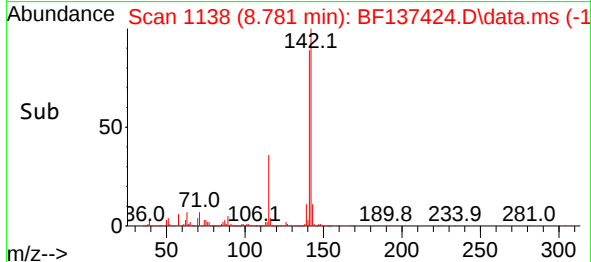
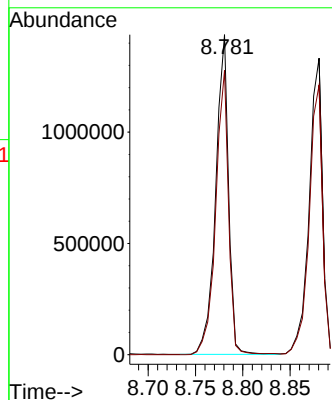
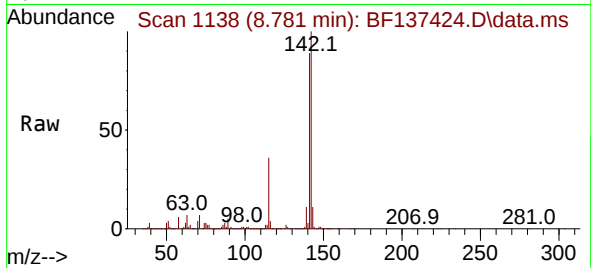
142 100

141 88.8 70.3 105.5

Manual Integrations

APPROVED

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



#38

1-Methylnaphthalene

Concen: 39.455 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF137424.D

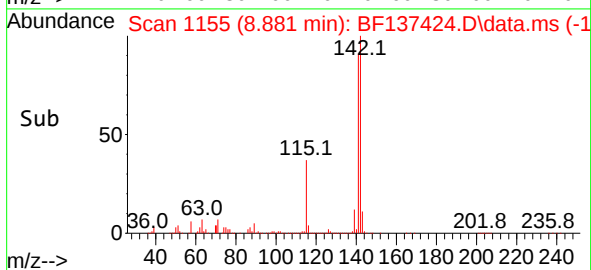
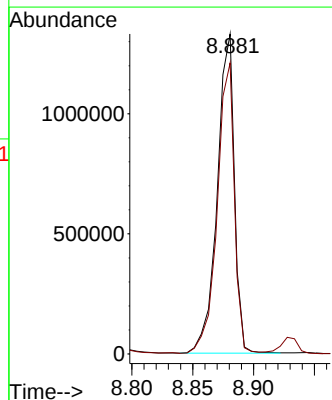
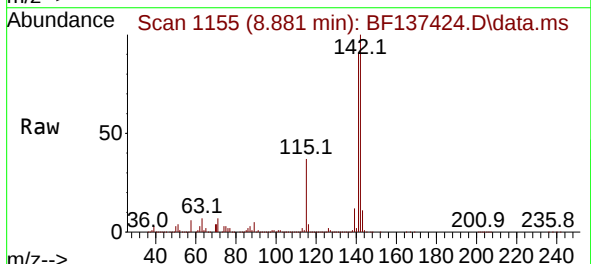
Acq: 28 Feb 2024 15:53

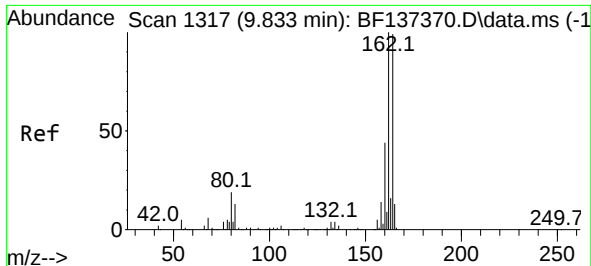
Tgt Ion:142 Resp: 1303296

Ion Ratio Lower Upper

142 100

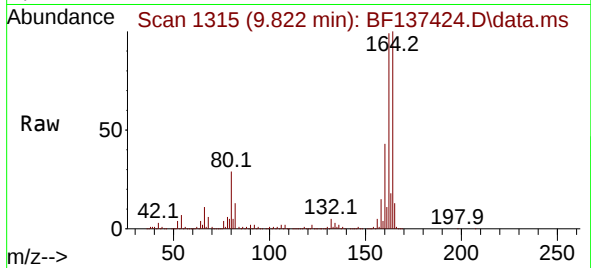
141 91.0 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

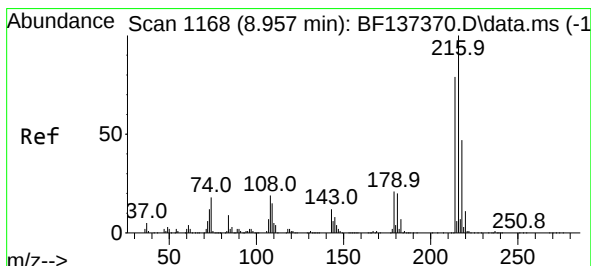
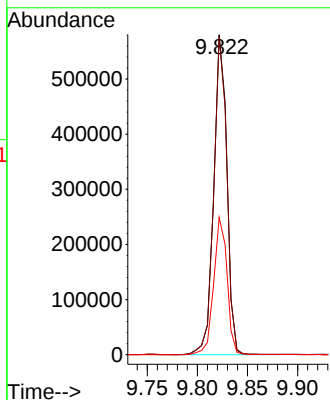
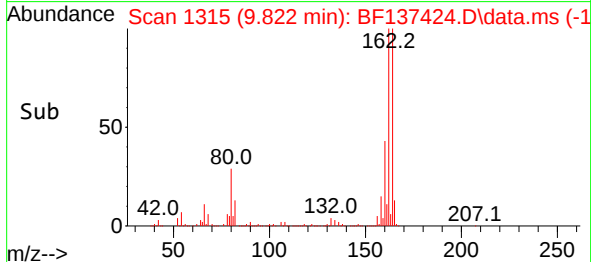
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



Tgt Ion:164 Resp: 53062
Ion Ratio Lower Upper
164 100
162 99.4 81.2 121.8
160 42.9 35.7 53.5

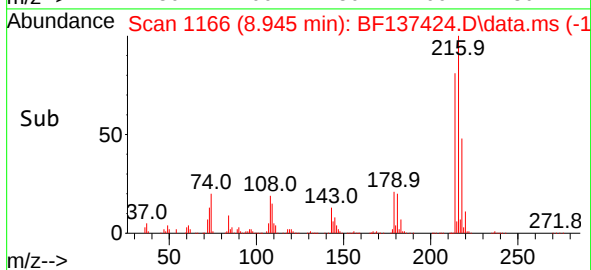
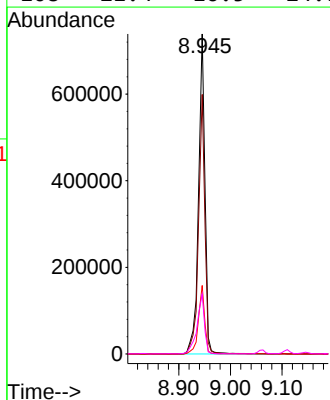
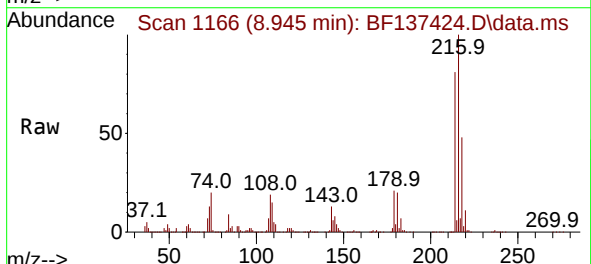
Manual Integrations
APPROVED

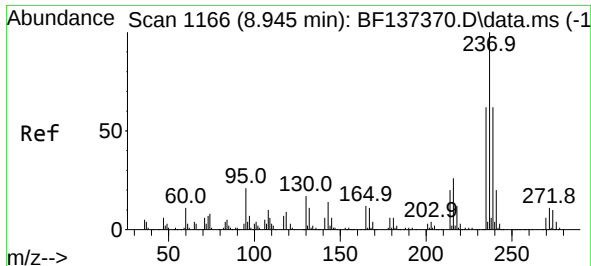
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.862 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

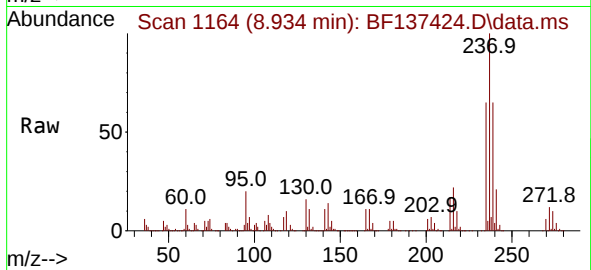
Tgt Ion:216 Resp: 641048
Ion Ratio Lower Upper
216 100
214 79.9 62.3 93.5
179 20.9 16.5 24.7
108 21.4 16.5 24.7





#41
Hexachlorocyclopentadiene
Concen: 80.597 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.011 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

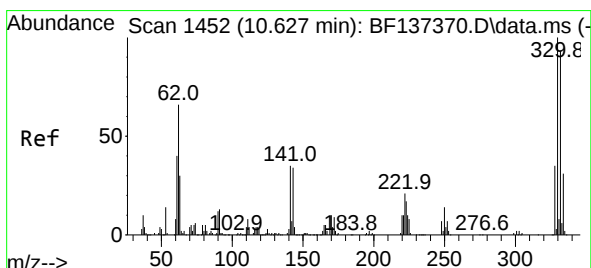
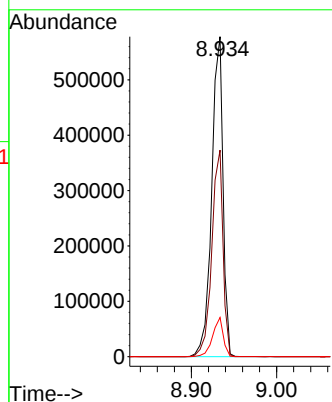
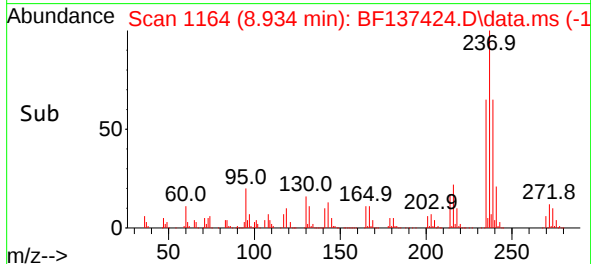
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



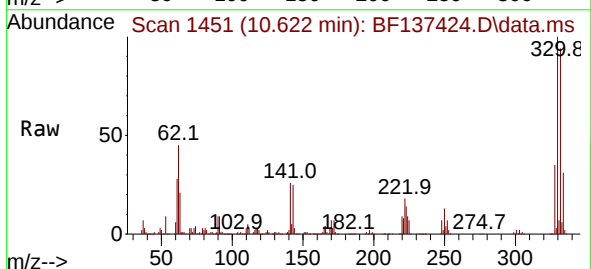
Tgt Ion:237 Resp: 53406
Ion Ratio Lower Upper
237 100
235 64.5 42.0 82.0
272 12.2 0.0 31.3

Manual Integrations
APPROVED

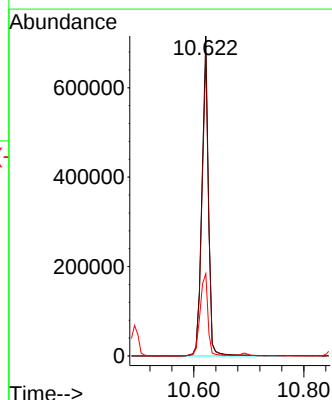
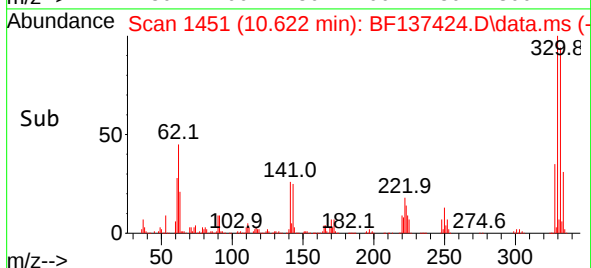
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

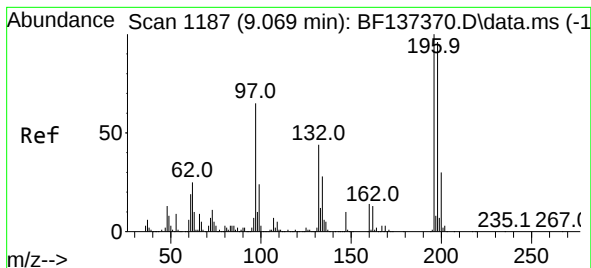


#42
2,4,6-Tribromophenol
Concen: 128.723 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53



Tgt Ion:330 Resp: 594794
Ion Ratio Lower Upper
330 100
332 94.9 75.6 113.4
141 30.6 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 47.463 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

PB159308BSD

Tgt Ion:196 Resp: 449760

Ion Ratio Lower Upper

196 100

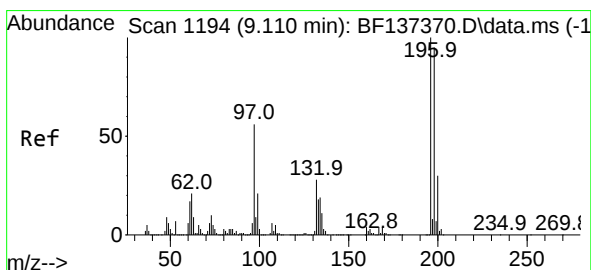
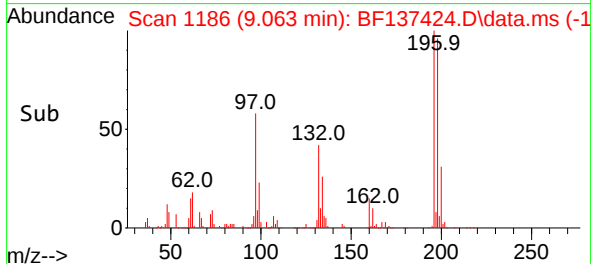
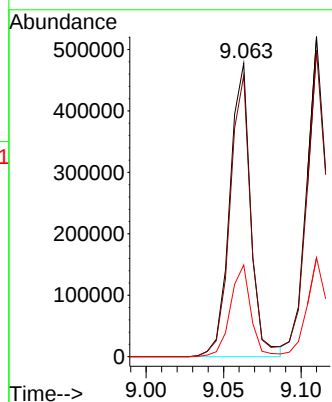
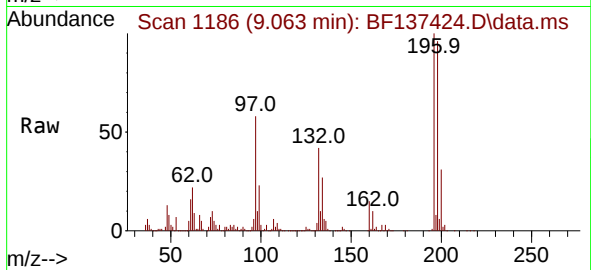
198 95.8 77.0 115.4

200 31.2 24.3 36.5

Manual Integrations

APPROVED

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



#44

2,4,5-Trichlorophenol

Concen: 41.868 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Tgt Ion:196 Resp: 455163

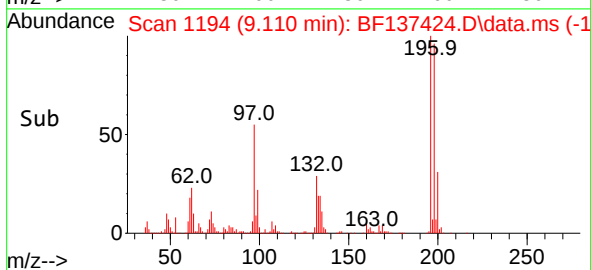
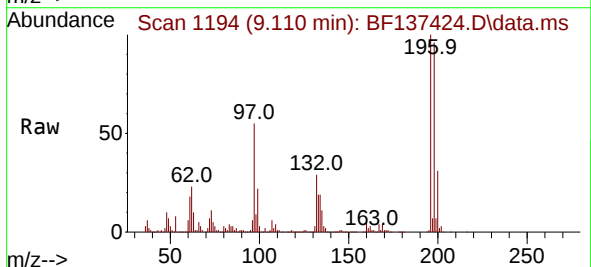
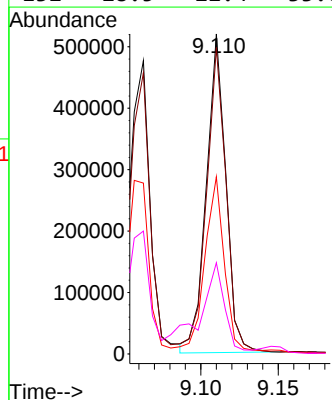
Ion Ratio Lower Upper

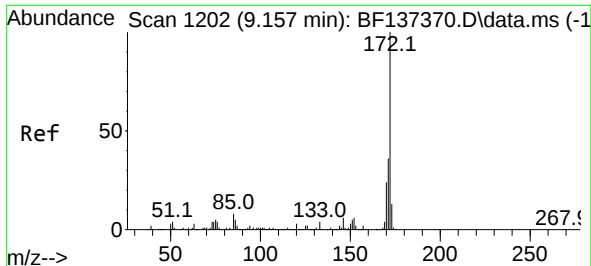
196 100

198 95.7 75.6 113.4

97 55.4 44.6 66.8

132 28.5 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 78.452 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

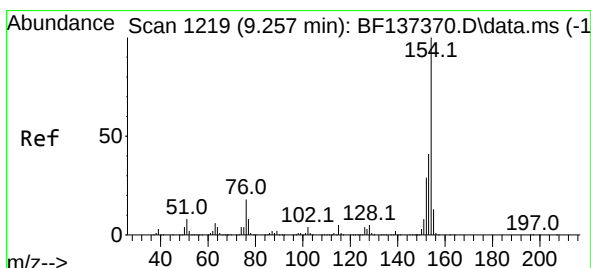
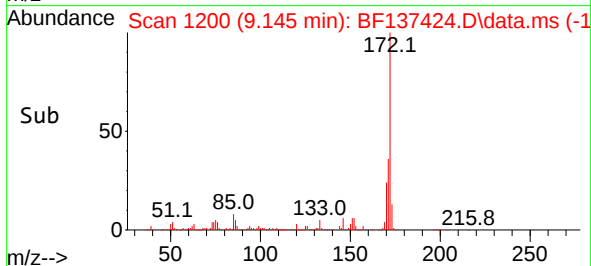
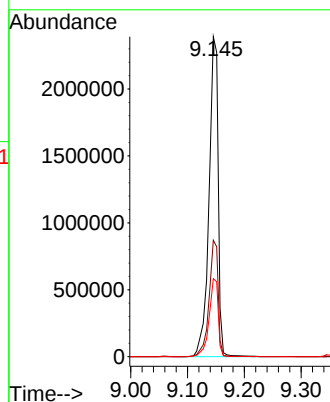
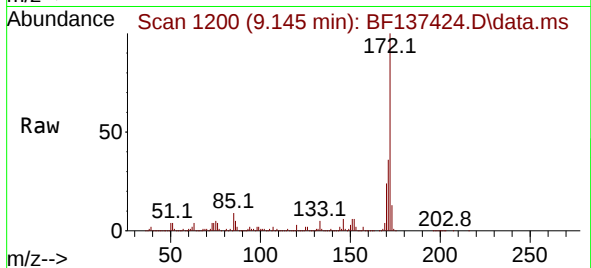
PB159308BSD

Tgt Ion:172 Resp: 267391
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 24.3 19.5 29.3

Manual Integrations

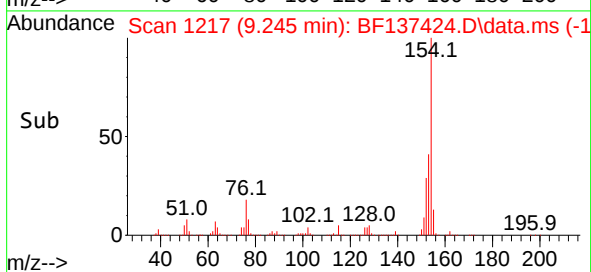
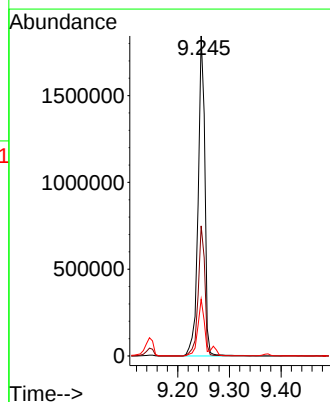
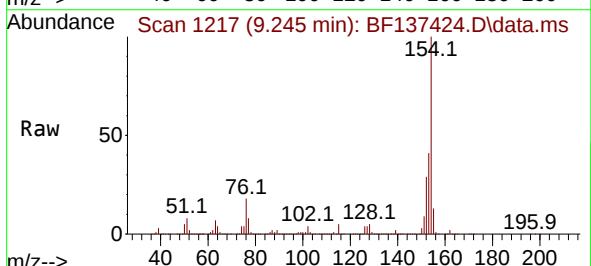
APPROVED

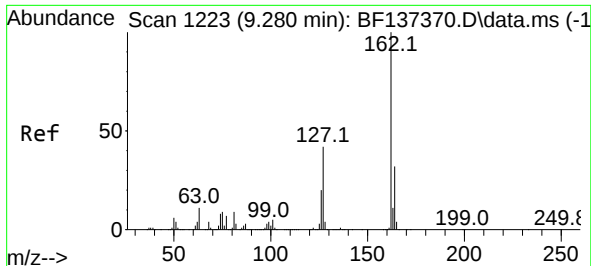
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#46
1,1'-Biphenyl
Concen: 43.226 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:154 Resp: 1670574
Ion Ratio Lower Upper
154 100
153 40.7 21.2 61.2
76 17.8 0.0 37.9





#47

2-Chloronaphthalene

Concen: 44.958 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

PB159308BSD

Tgt Ion:162 Resp: 131214

Ion Ratio Lower Upper

162 100

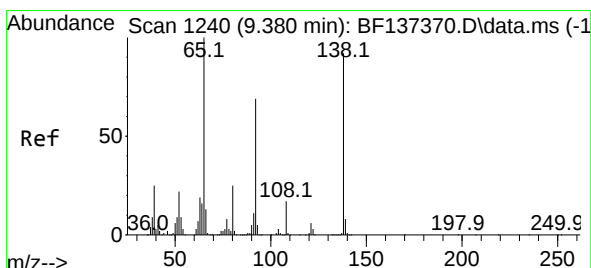
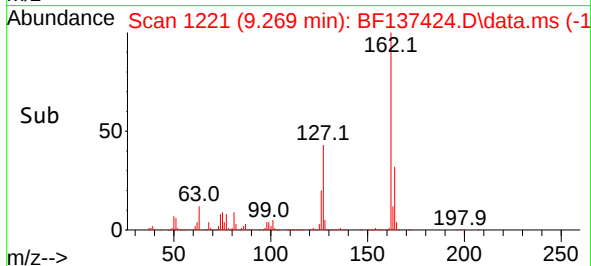
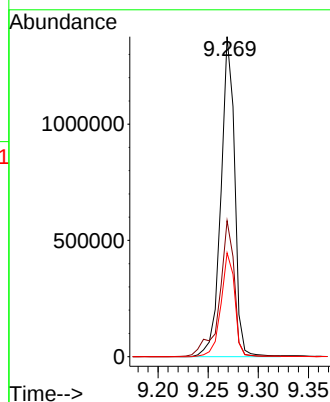
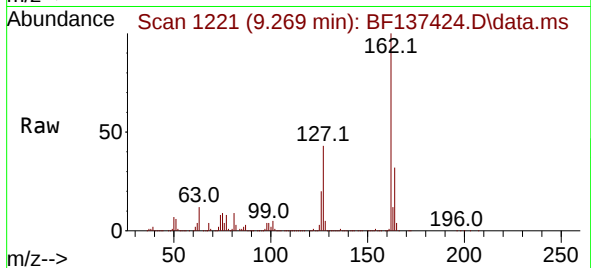
127 42.5 33.6 50.4

164 32.5 25.9 38.9

Manual Integrations

APPROVED

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



#48

2-Nitroaniline

Concen: 51.782 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.005 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

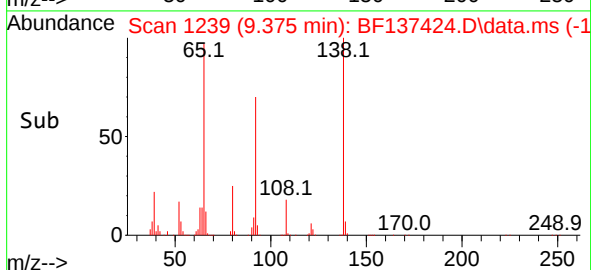
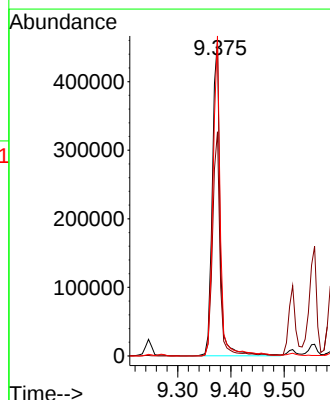
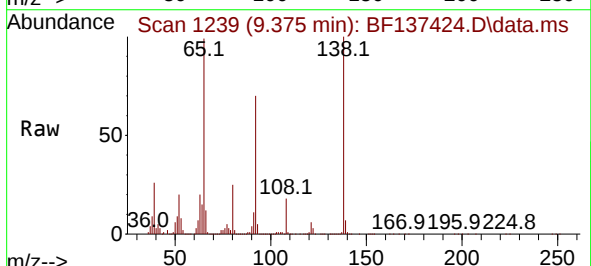
Tgt Ion: 65 Resp: 462272

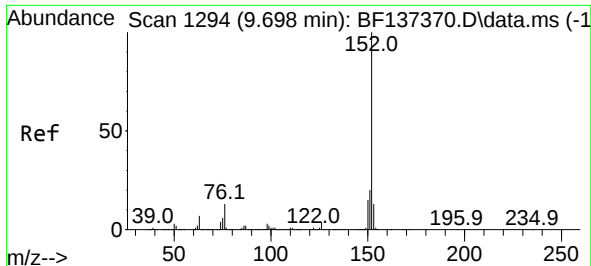
Ion Ratio Lower Upper

65 100

92 71.0 55.0 82.6

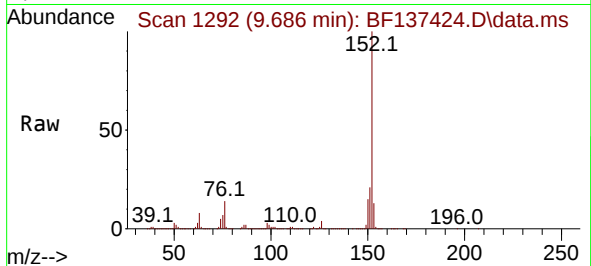
138 101.4 73.7 110.5





#49
Acenaphthylene
Concen: 44.113 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

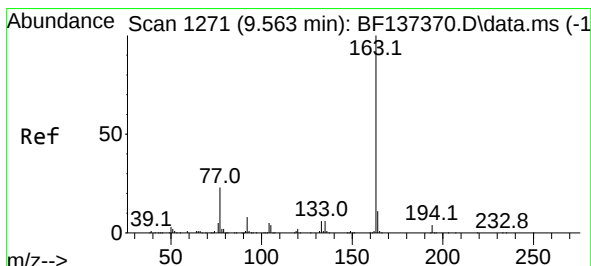
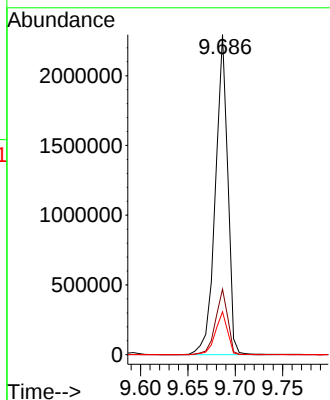
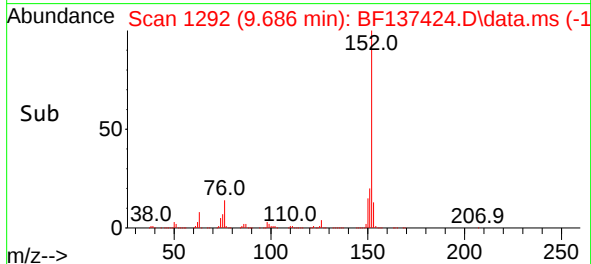
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



Tgt Ion:152 Resp: 209182
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.4 10.6 15.8

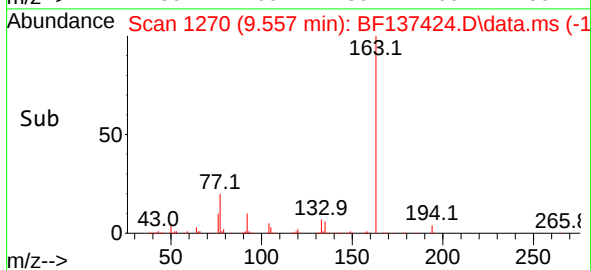
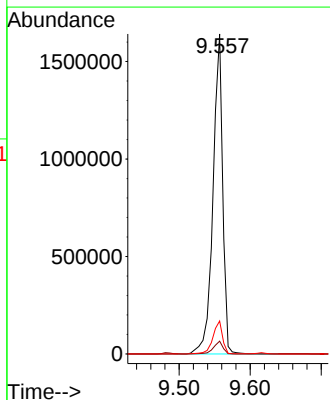
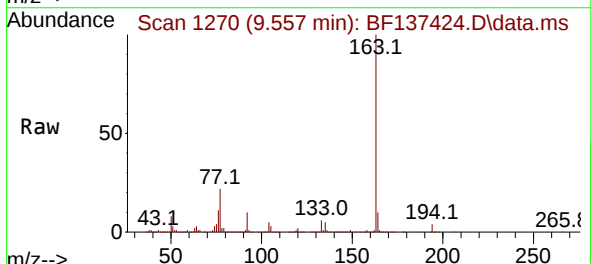
Manual Integrations
APPROVED

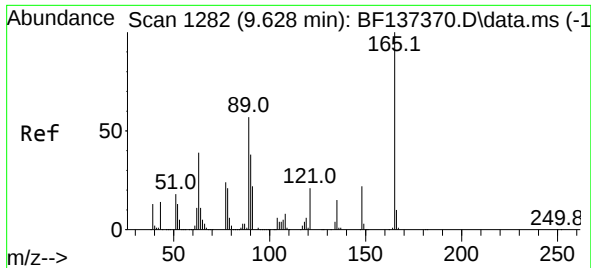
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#50
Dimethylphthalate
Concen: 42.460 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

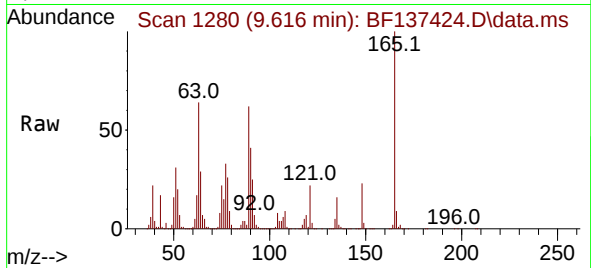
Tgt Ion:163 Resp: 1556832
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.3 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 49.505 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

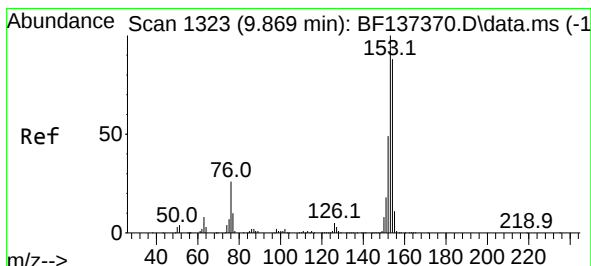
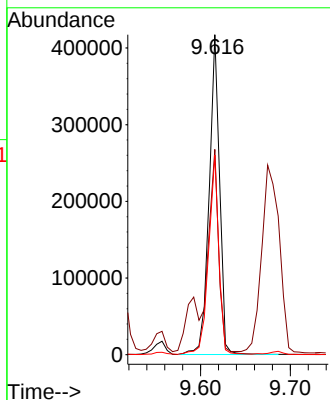
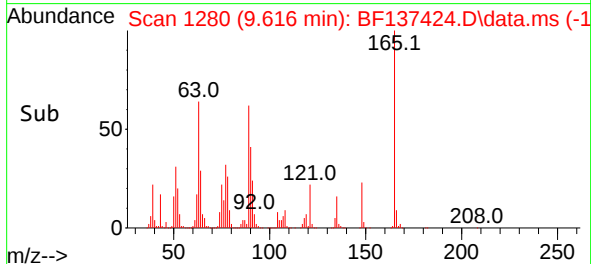
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



Tgt Ion:165 Resp: 337683
Ion Ratio Lower Upper
165 100
63 64.2 41.6 62.4
89 62.4 45.8 68.6

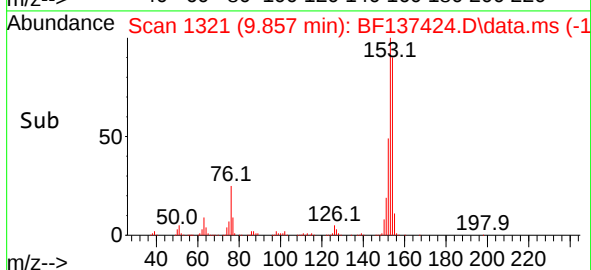
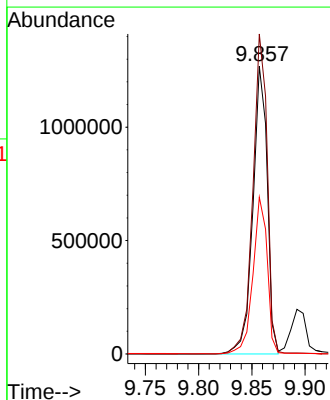
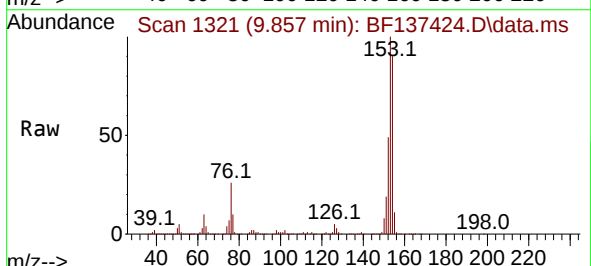
Manual Integrations
APPROVED

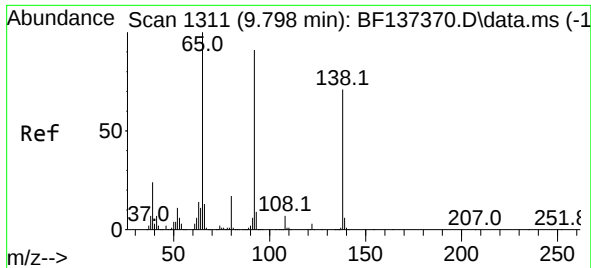
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#52
Acenaphthene
Concen: 41.902 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:154 Resp: 1186090
Ion Ratio Lower Upper
154 100
153 111.2 90.6 135.8
152 54.5 44.1 66.1





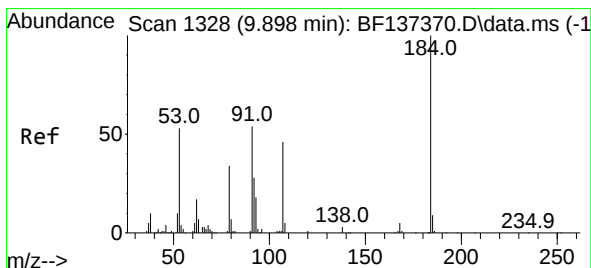
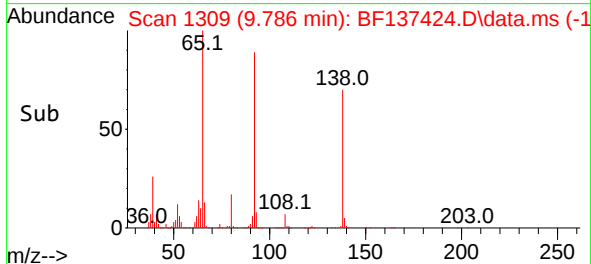
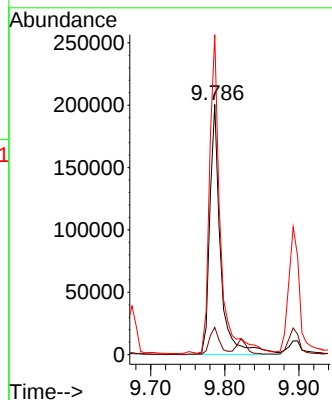
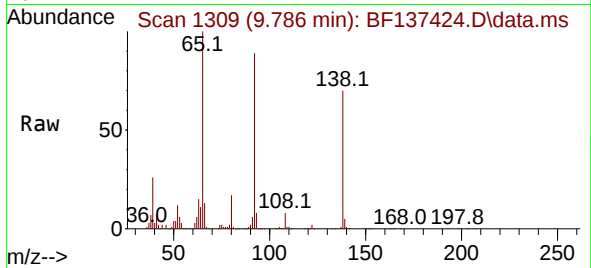
#53
3-Nitroaniline
Concen: 26.968 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Instrument :
BNA_F
ClientSampleId :
PB159308BSD

Tgt Ion:138 Resp: 20172
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.2
92 127.9 102.2 153.2

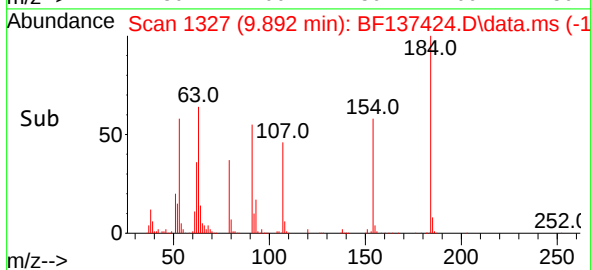
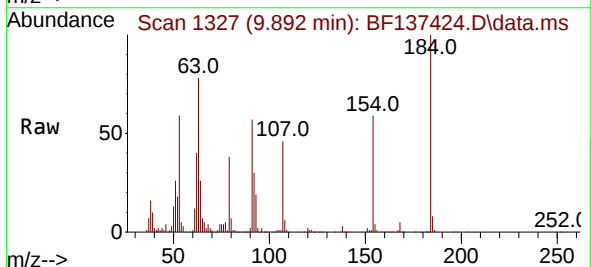
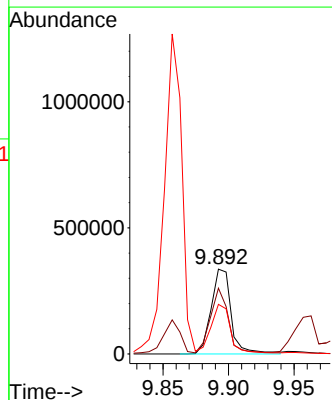
Manual Integrations
APPROVED

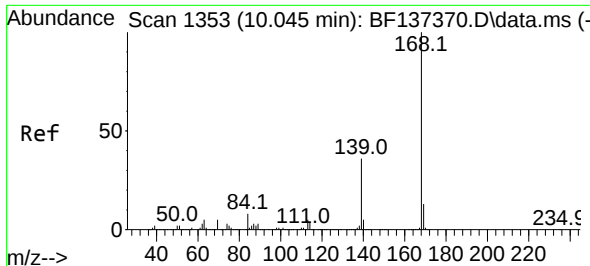
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#54
2,4-Dinitrophenol
Concen: 103.442 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

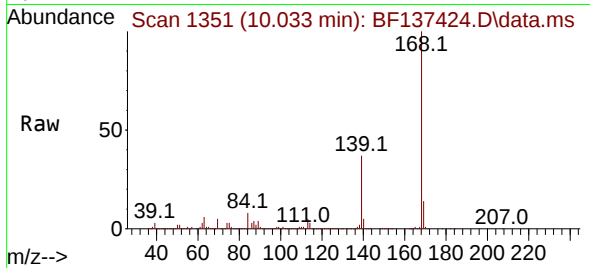
Tgt Ion:184 Resp: 357371
Ion Ratio Lower Upper
184 100
63 77.6 55.9 83.9
154 58.6 47.6 71.4





#55
Dibenzenofuran
Concen: 40.684 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

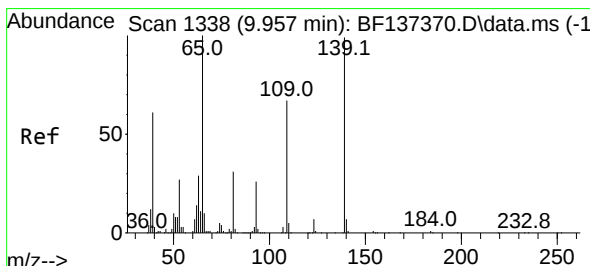
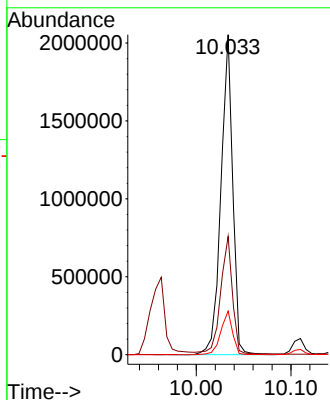
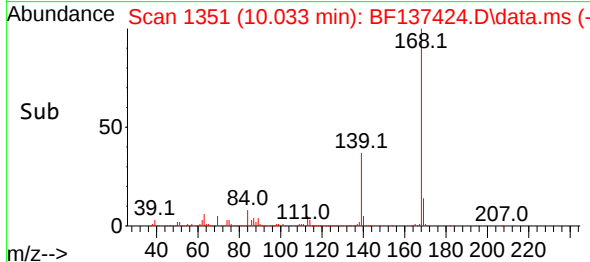
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



Tgt Ion:168 Resp: 1779880
Ion Ratio Lower Upper
168 100
139 37.0 28.9 43.3
169 13.6 10.8 16.2

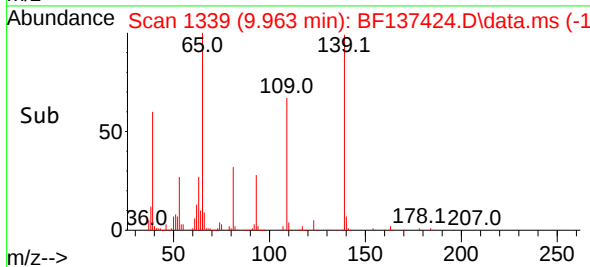
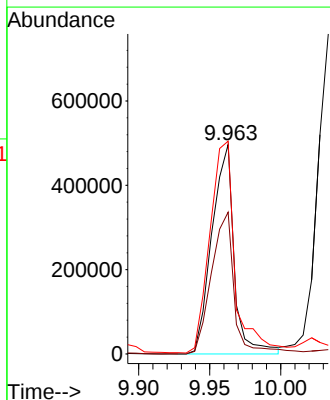
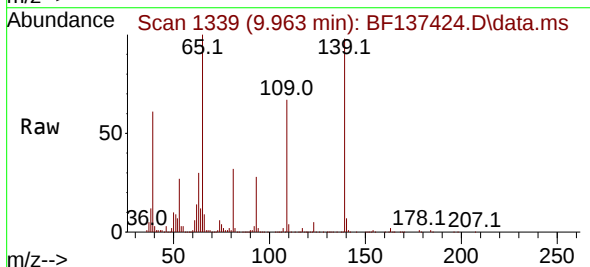
Manual Integrations
APPROVED

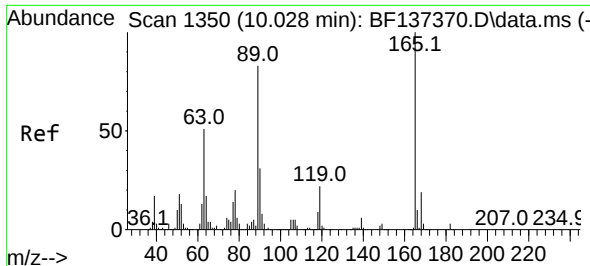
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#56
4-Nitrophenol
Concen: 92.789 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

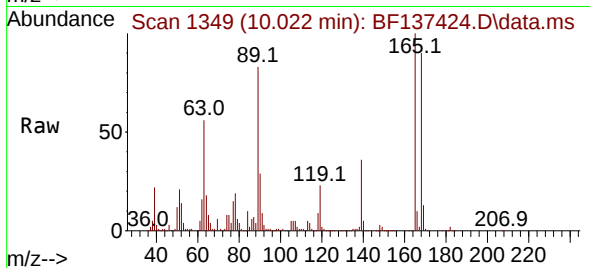
Tgt Ion:139 Resp: 540872
Ion Ratio Lower Upper
139 100
109 67.7 48.0 88.0
65 101.6 82.2 122.2





#57
2,4-Dinitrotoluene
Concen: 49.032 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

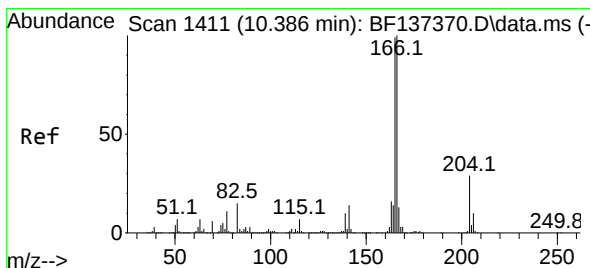
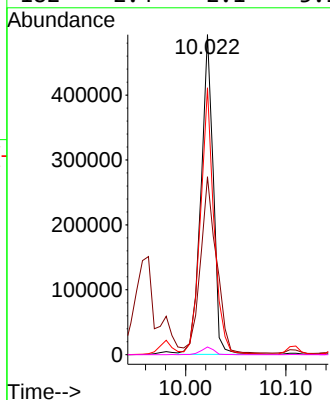
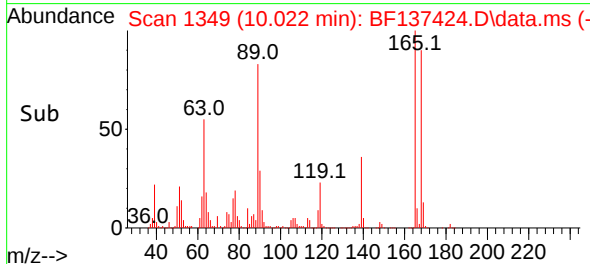
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



Tgt Ion:165 Resp: 423060
Ion Ratio Lower Upper
165 100
63 55.6 41.1 61.7
89 83.4 66.6 100.0
182 2.4 2.1 3.1

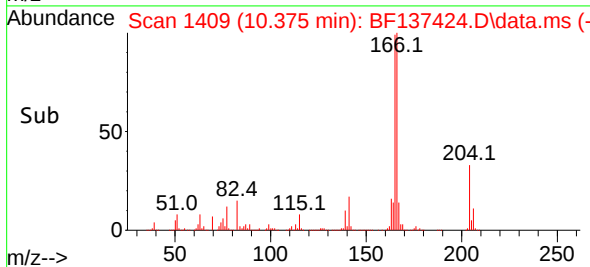
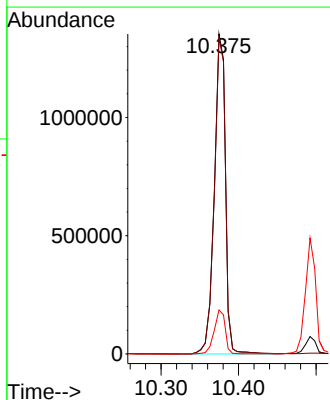
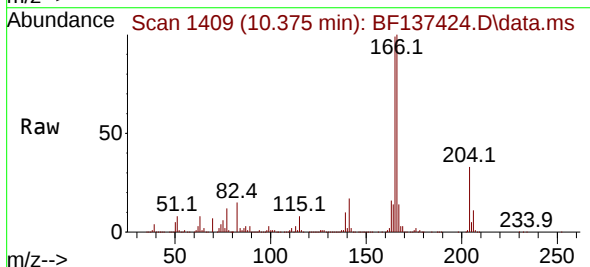
Manual Integrations
APPROVED

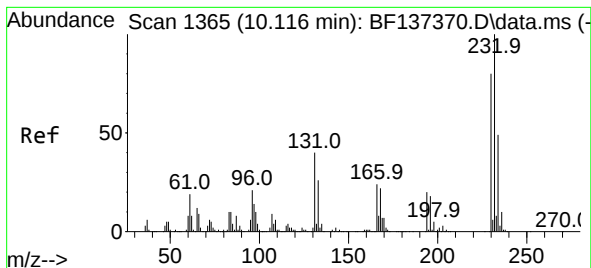
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#58
Fluorene
Concen: 40.303 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

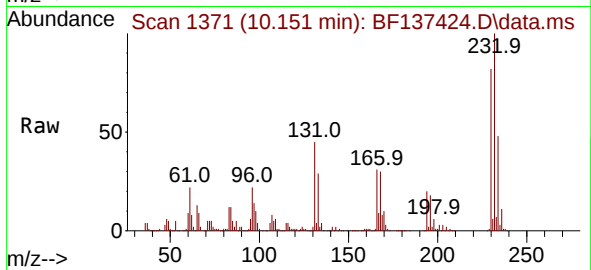
Tgt Ion:166 Resp: 1346565
Ion Ratio Lower Upper
166 100
165 98.8 78.8 118.2
167 13.7 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.684 ng m
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

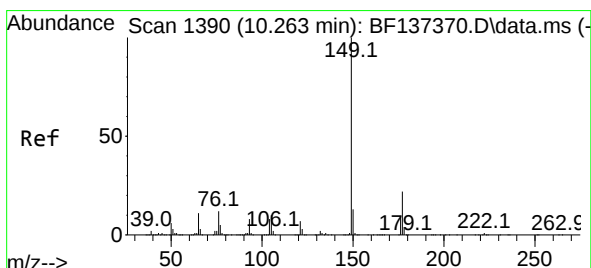
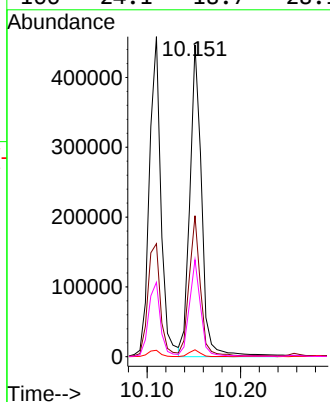
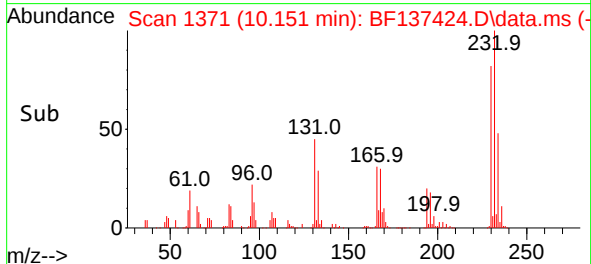
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



Tgt Ion:232 Resp: 393261
Ion Ratio Lower Upper
232 100
131 38.8 31.1 46.7
130 2.2 1.8 2.6
166 24.1 18.7 28.1

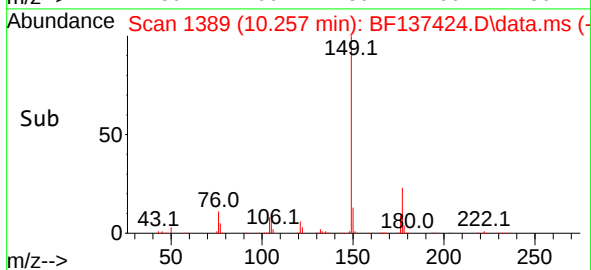
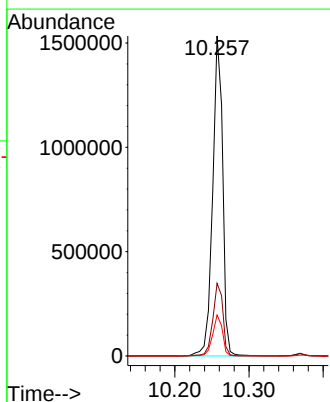
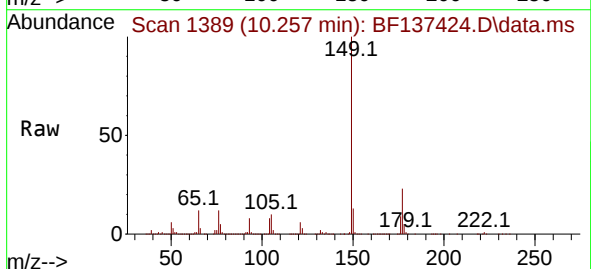
Manual Integrations
APPROVED

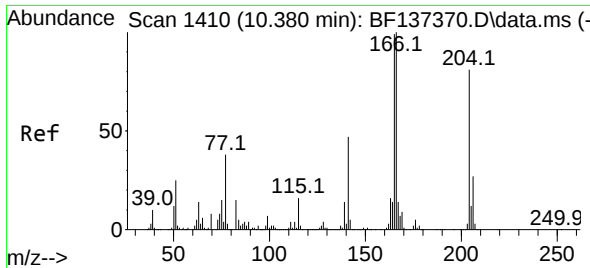
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#60
Diethylphthalate
Concen: 41.836 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:149 Resp: 1432159
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.8 10.2 15.2





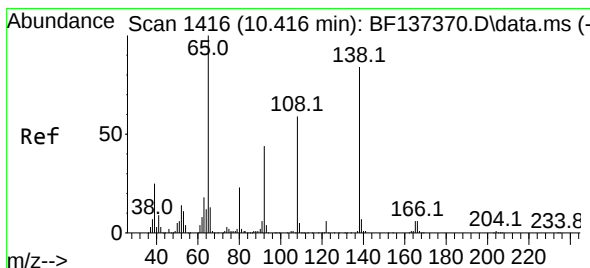
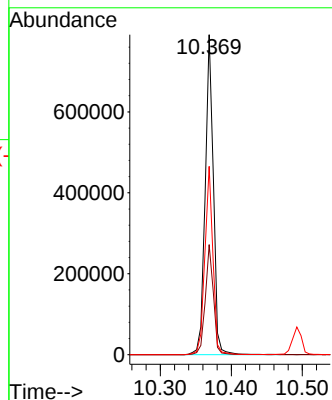
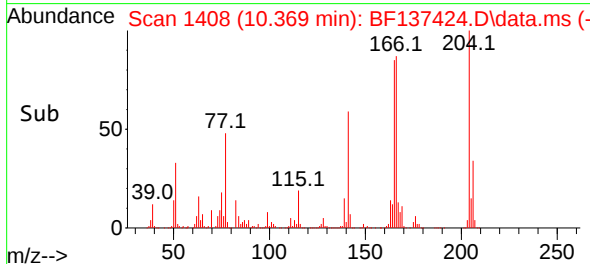
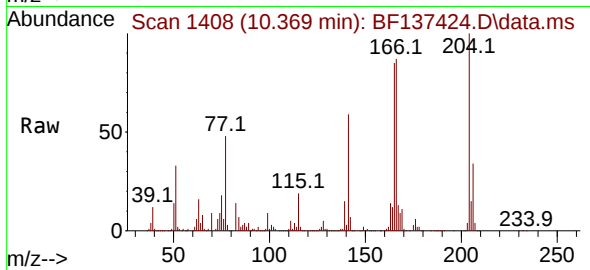
#61
4-Chlorophenyl-phenylether
Concen: 38.586 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Instrument :
BNA_F
ClientSampleId :
PB159308BSD

Tgt Ion:204 Resp: 63416
Ion Ratio Lower Upper
204 100
206 34.4 26.8 40.2
141 58.8 46.4 69.6

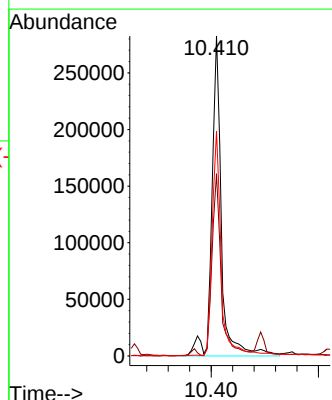
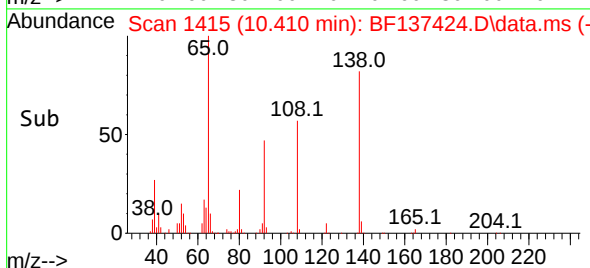
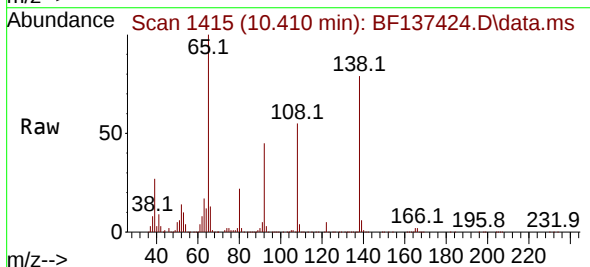
Manual Integrations
APPROVED

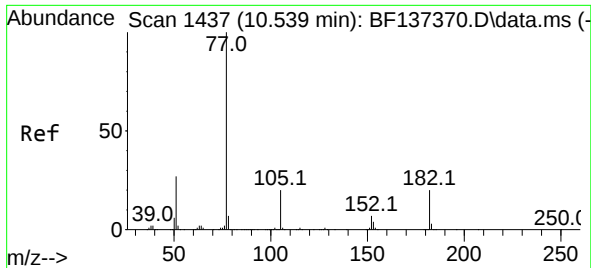
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#62
4-Nitroaniline
Concen: 48.473 ng m
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

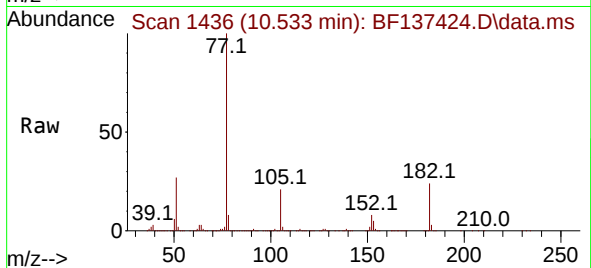
Tgt Ion:138 Resp: 347989
Ion Ratio Lower Upper
138 100
92 57.0 33.4 73.4
108 70.3 50.4 90.4





#63
Azobenzene
Concen: 41.475 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

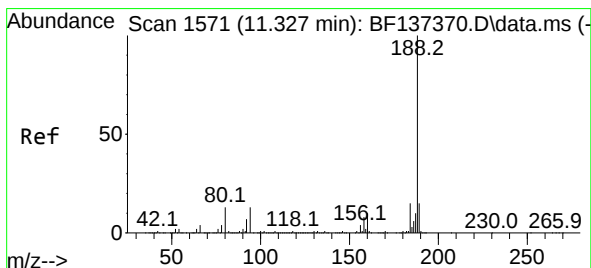
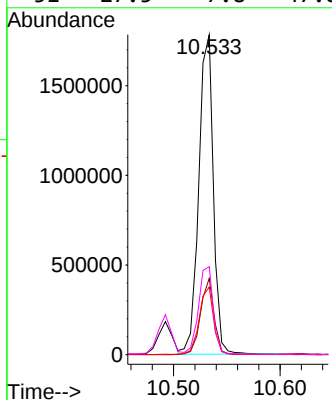
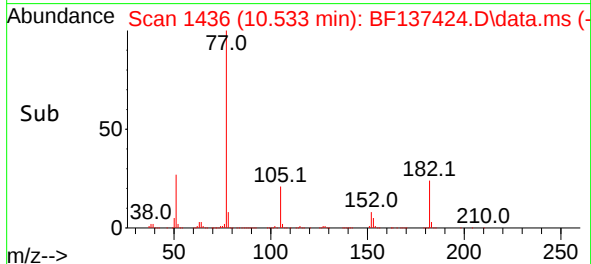
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



Tgt Ion: 77 Resp: 1698720
Ion Ratio Lower Upper
77 100
182 23.8 0.0 39.6
105 21.2 0.4 40.4
51 27.5 7.8 47.8

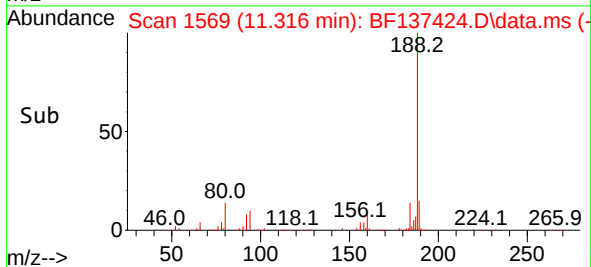
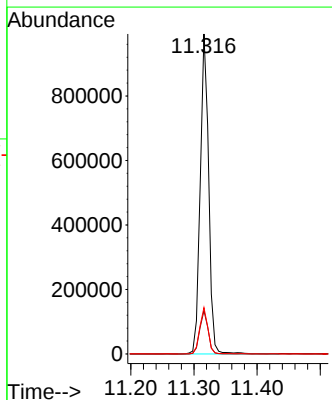
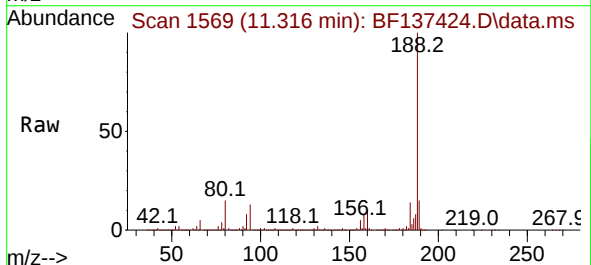
Manual Integrations
APPROVED

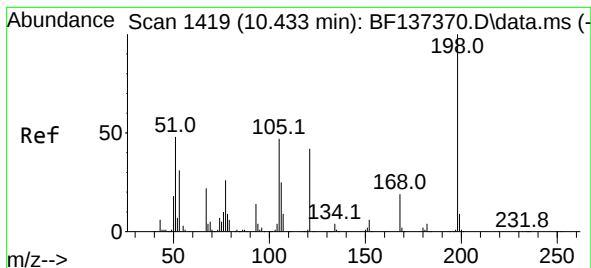
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:188 Resp: 914232
Ion Ratio Lower Upper
188 100
94 13.5 10.2 15.2
80 14.5 10.7 16.1





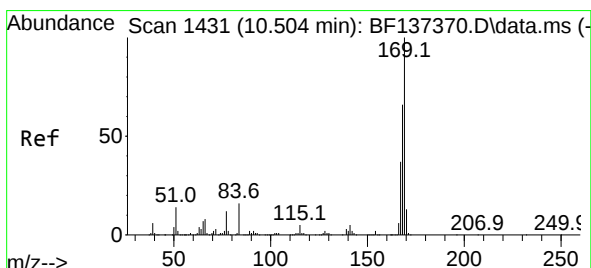
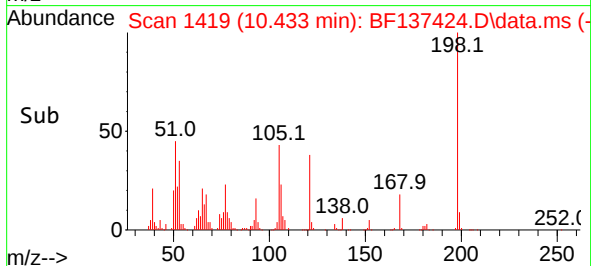
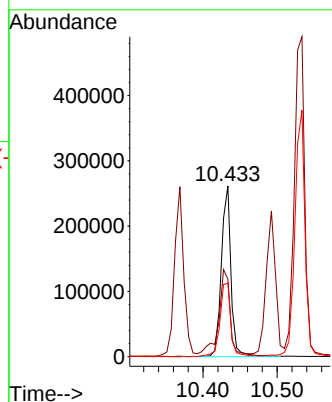
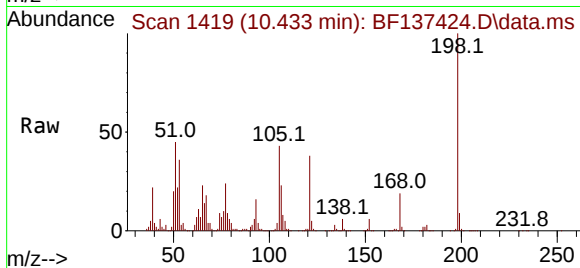
#65
4,6-Dinitro-2-methylphenol
Concen: 52.399 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Instrument :
BNA_F
ClientSampleId :
PB159308BSD

Tgt Ion:198 Resp: 236283
Ion Ratio Lower Upper
198 100
51 45.4 36.8 76.8
105 43.1 28.5 68.5

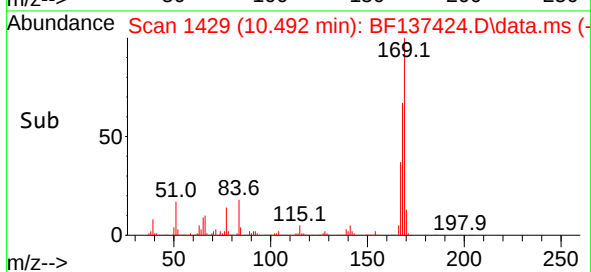
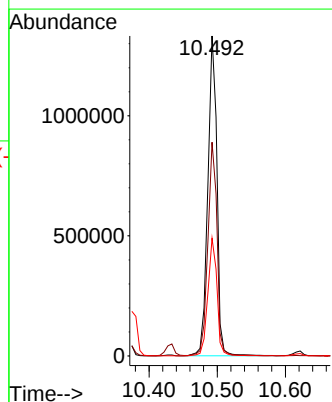
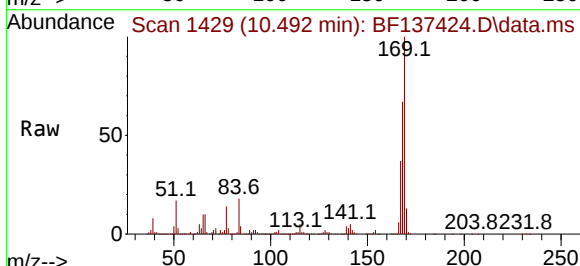
Manual Integrations
APPROVED

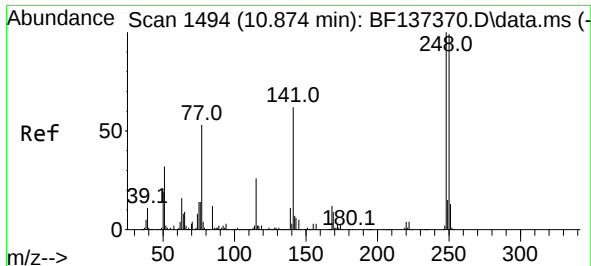
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#66
n-Nitrosodiphenylamine
Concen: 41.765 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

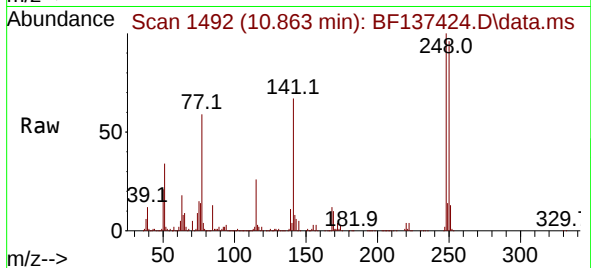
Tgt Ion:169 Resp: 1240062
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.4
167 36.8 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 41.955 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

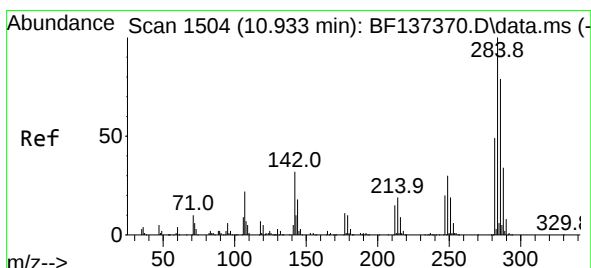
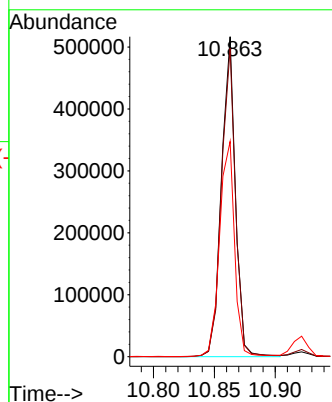
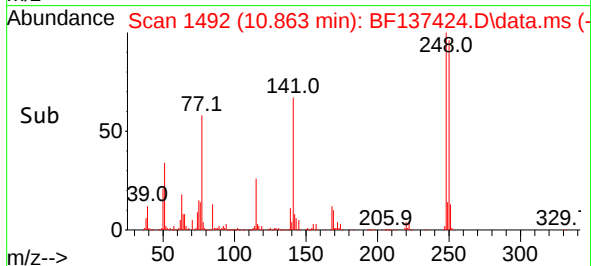
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



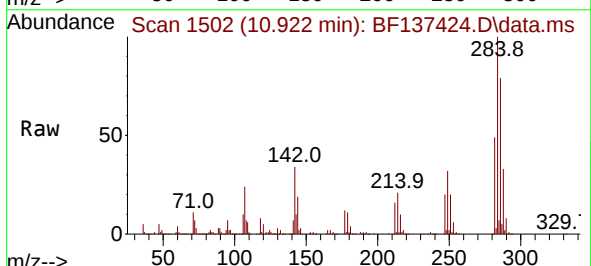
Tgt Ion:248 Resp: 41234
Ion Ratio Lower Upper
248 100
250 96.3 79.0 118.6
141 67.2 49.9 74.9

Manual Integrations
APPROVED

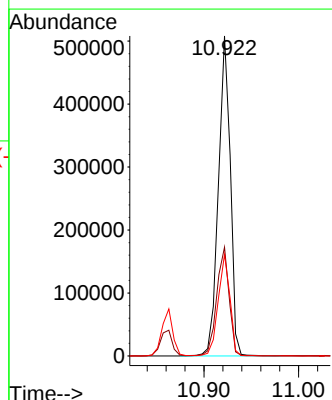
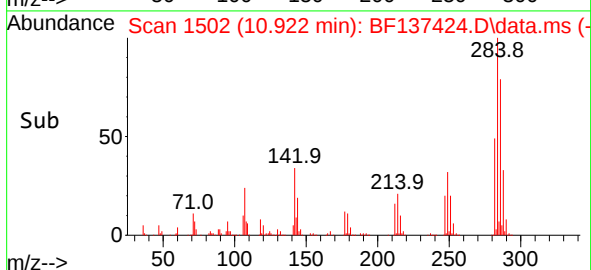
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

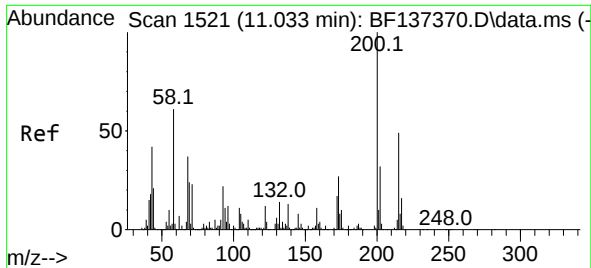


#68
Hexachlorobenzene
Concen: 43.588 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53



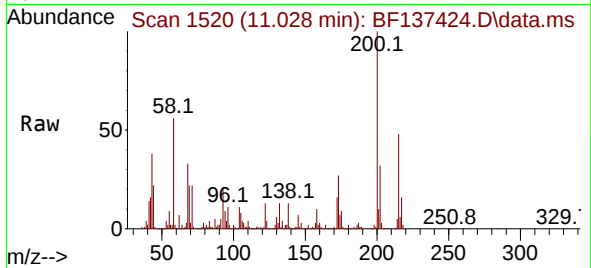
Tgt Ion:284 Resp: 443170
Ion Ratio Lower Upper
284 100
142 34.0 25.4 38.0
249 31.7 24.2 36.4





#69
 Atrazine
 Concen: 44.380 ng
 RT: 11.028 min Scan# 1520
 Delta R.T. -0.006 min
 Lab File: BF137424.D
 Acq: 28 Feb 2024 15:53

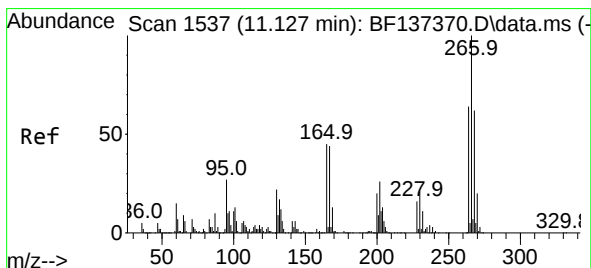
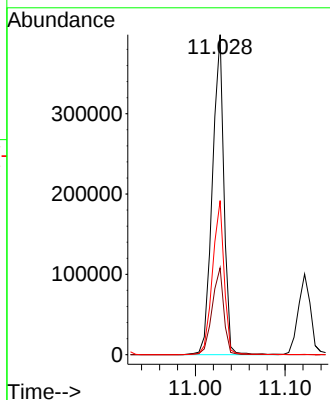
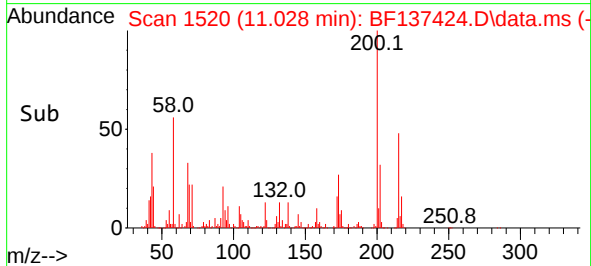
Instrument :
 BNA_F
 ClientSampleId :
 PB159308BSD



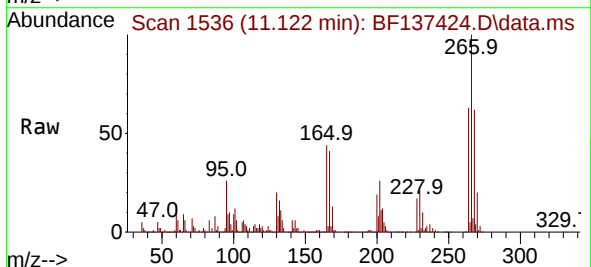
Tgt Ion:200 Resp: 355610
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.8 46.8
 215 48.1 29.4 69.4

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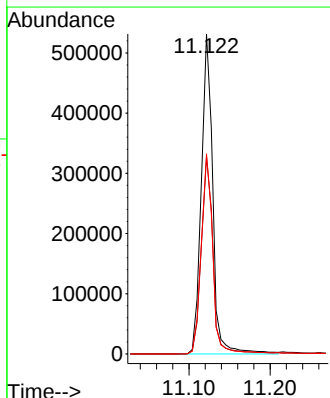
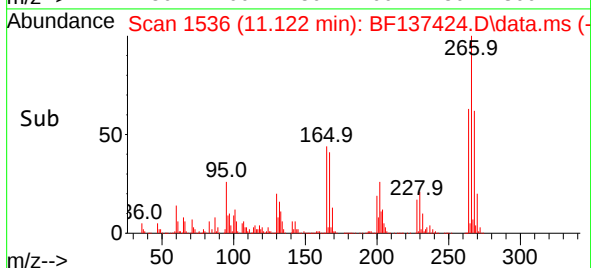
Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

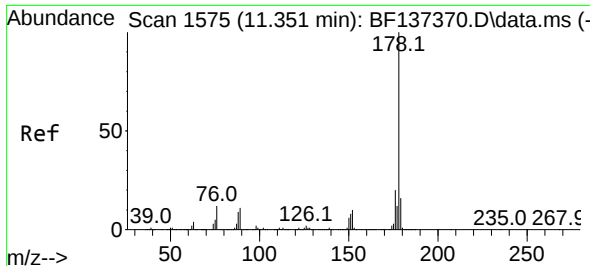


#70
 Pentachlorophenol
 Concen: 80.743 ng
 RT: 11.122 min Scan# 1536
 Delta R.T. -0.006 min
 Lab File: BF137424.D
 Acq: 28 Feb 2024 15:53



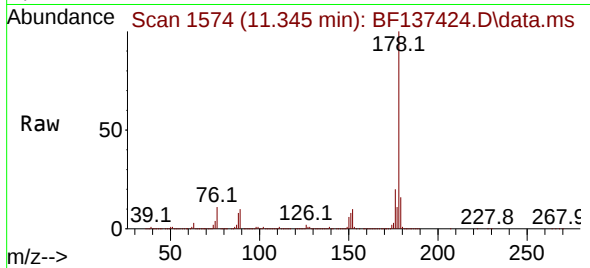
Tgt Ion:266 Resp: 520120
 Ion Ratio Lower Upper
 266 100
 268 61.6 49.4 74.2
 264 62.6 51.3 76.9





#71
Phenanthrene
Concen: 40.926 ng
RT: 11.345 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

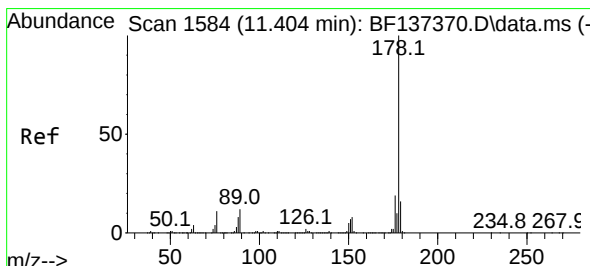
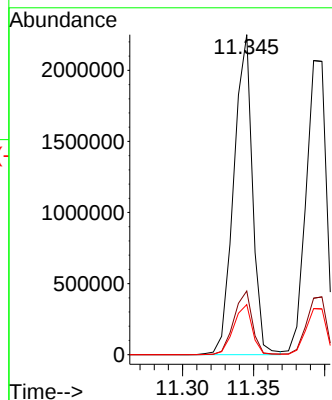
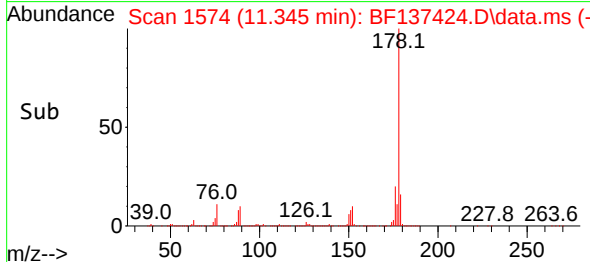
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



Tgt Ion:178 Resp: 206429
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 15.7 12.7 19.1

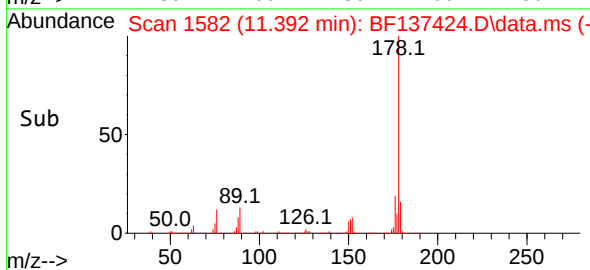
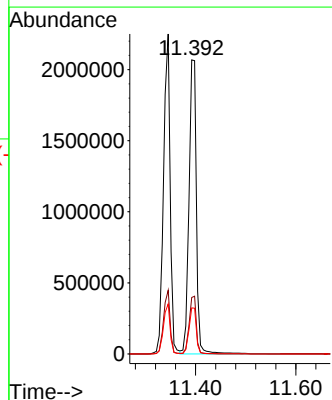
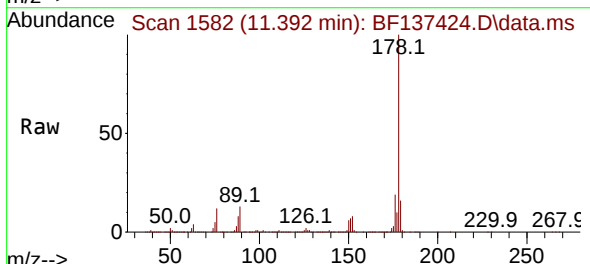
Manual Integrations
APPROVED

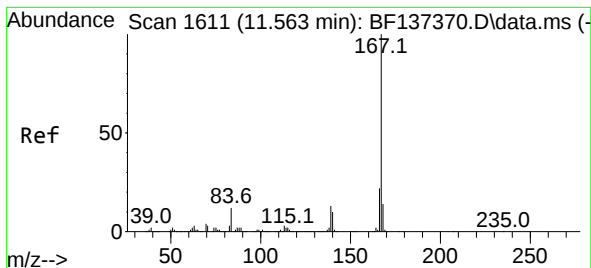
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#72
Anthracene
Concen: 40.909 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:178 Resp: 2126507
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.7 12.6 18.8





#73

Carbazole

Concen: 42.831 ng

RT: 11.557 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

PB159308BSD

Tgt Ion:167 Resp: 1902208

Ion Ratio Lower Upper

167 100

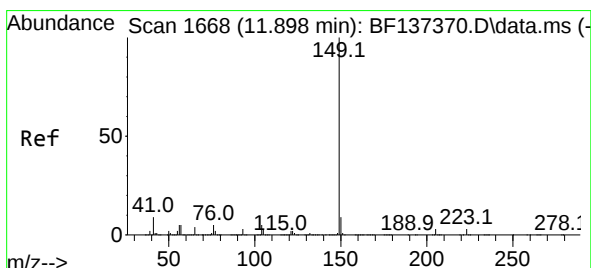
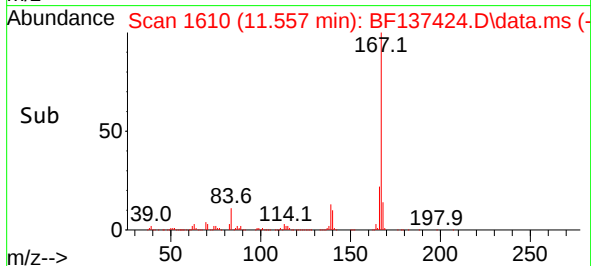
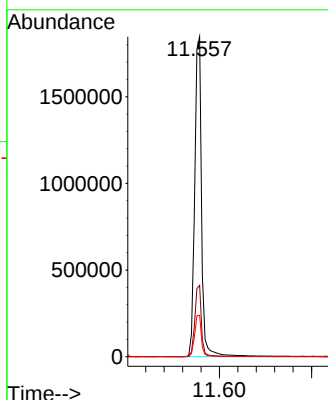
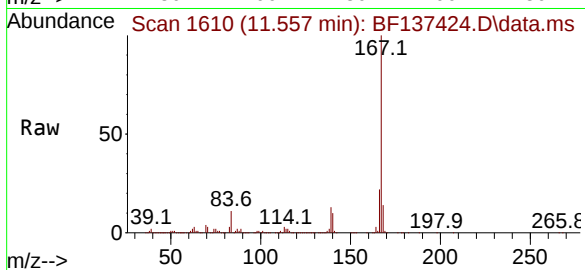
166 22.3 17.8 26.6

139 12.9 10.0 15.0

Manual Integrations

APPROVED

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



#74

Di-n-butylphthalate

Concen: 48.662 ng

RT: 11.892 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

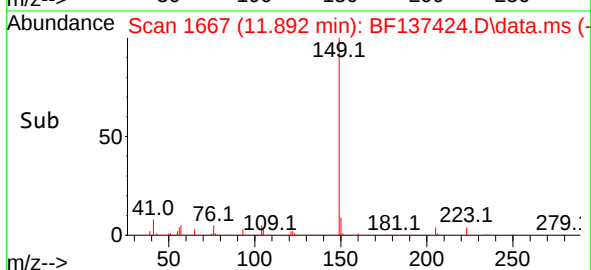
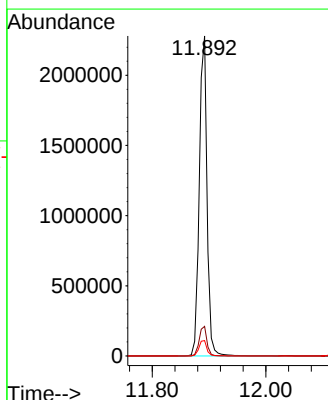
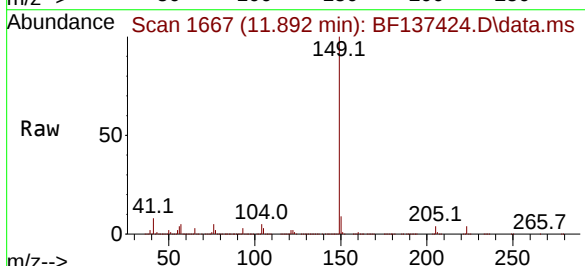
Tgt Ion:149 Resp: 2162471

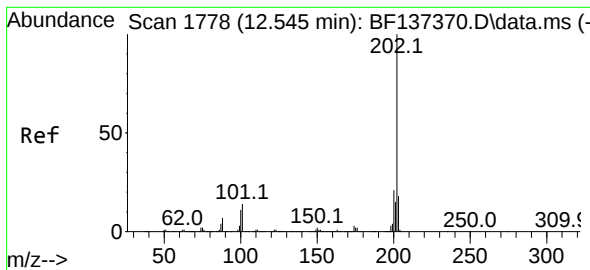
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.8 4.2 6.2





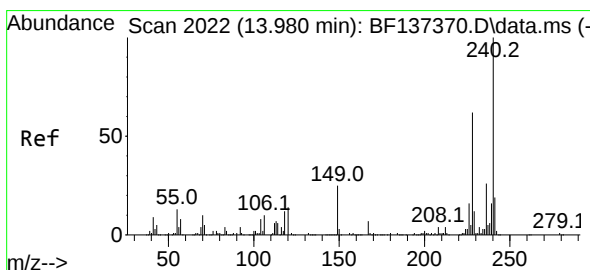
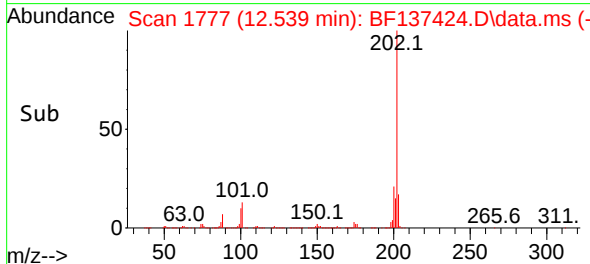
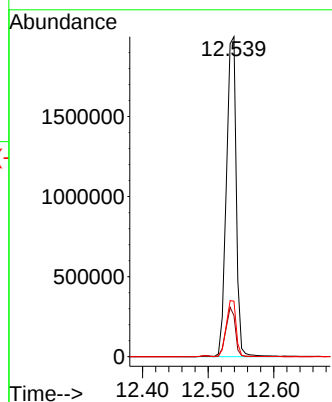
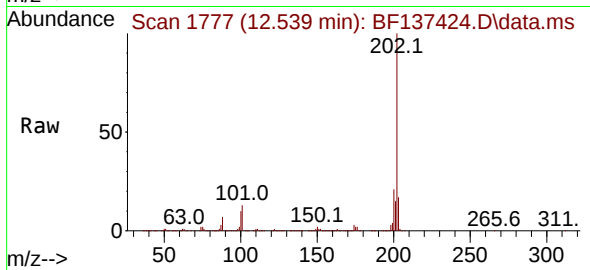
#75
Fluoranthene
Concen: 42.110 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Instrument :
BNA_F
ClientSampleId :
PB159308BSD

Tgt Ion:202 Resp: 207330
Ion Ratio Lower Upper
202 100
101 12.9 0.0 33.9
203 17.4 0.0 37.8

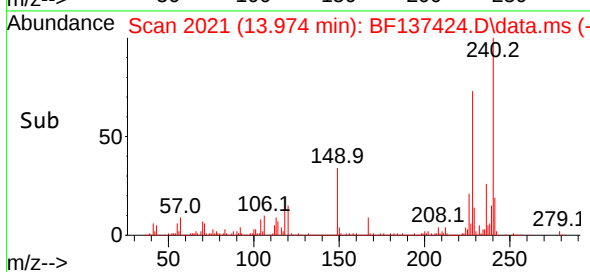
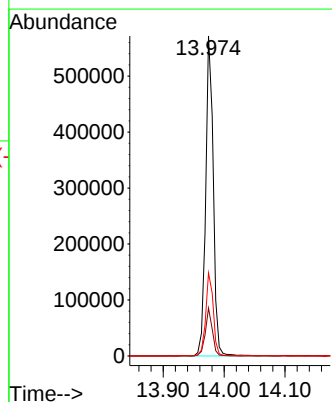
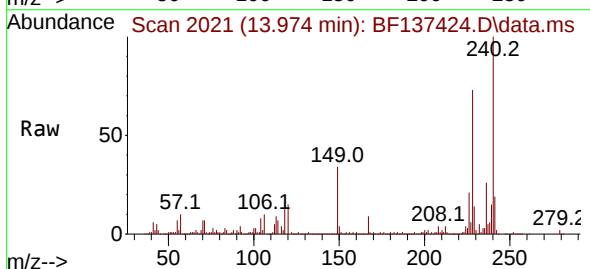
Manual Integrations
APPROVED

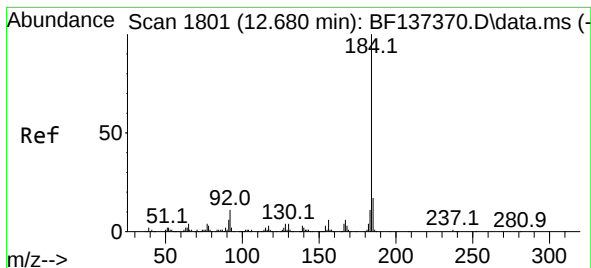
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:240 Resp: 495965
Ion Ratio Lower Upper
240 100
120 15.0 11.3 16.9
236 26.0 20.5 30.7





#77

Benzidine

Concen: 37.571 ng

RT: 12.669 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

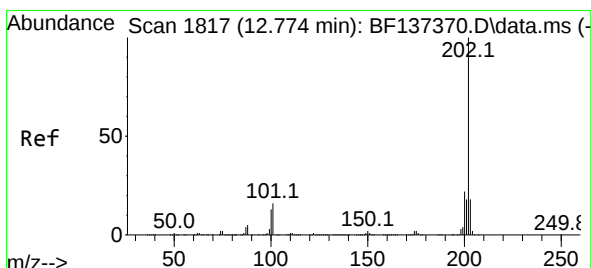
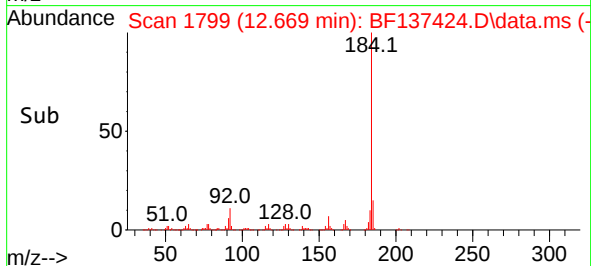
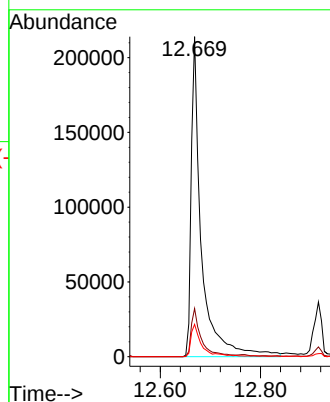
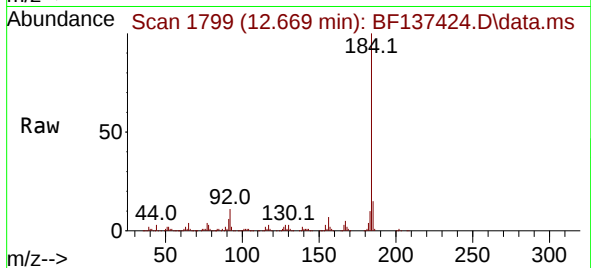
PB159308BSD

Tgt Ion:184 Resp: 303260
 Ion Ratio Lower Upper
 184 100
 185 15.1 13.7 20.5
 183 10.1 8.8 13.2

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 44.654 ng

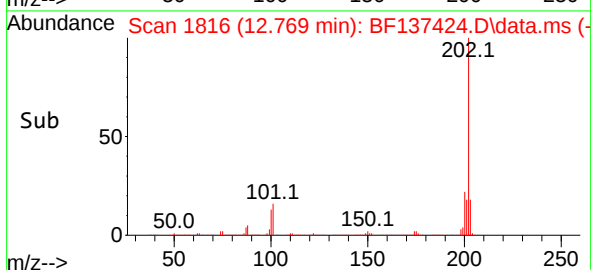
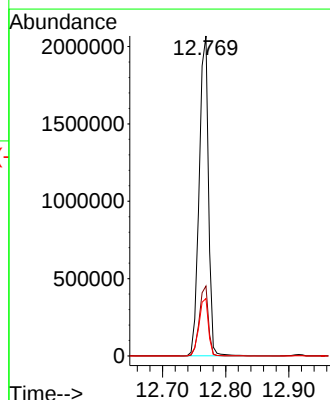
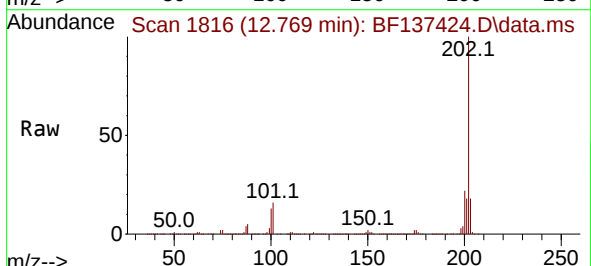
RT: 12.769 min Scan# 1816

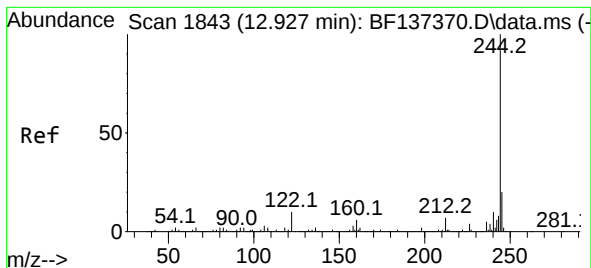
Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

Tgt Ion:202 Resp: 2094157
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.4 26.2
 203 18.0 14.2 21.2





#79

Terphenyl-d14

Concen: 83.022 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF137424.D

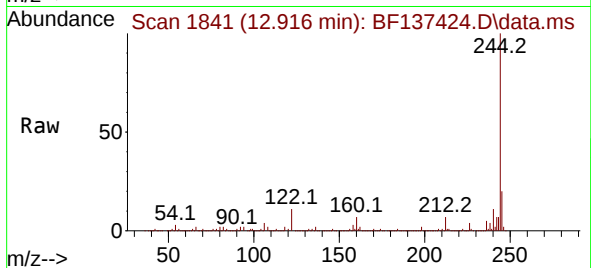
Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

PB159308BSD



Tgt Ion:244 Resp: 2943890

Ion Ratio Lower Upper

244 100

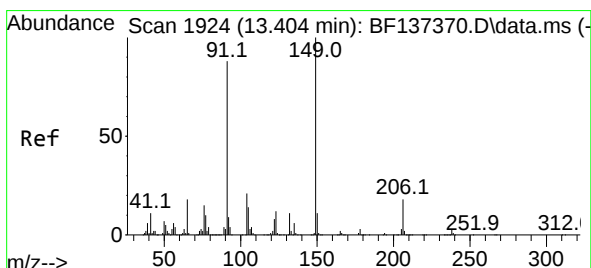
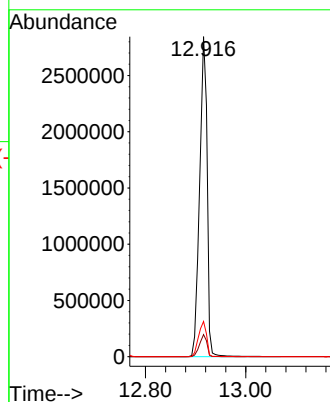
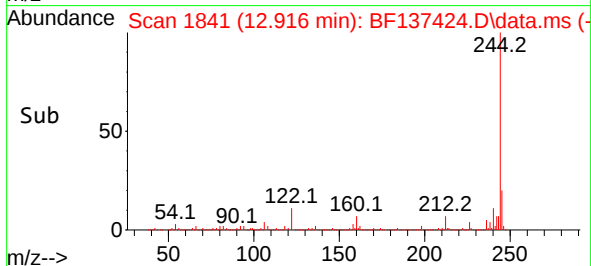
212 6.9 5.3 7.9

122 11.0 8.2 12.4

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 69.779 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF137424.D

Acq: 28 Feb 2024 15:53

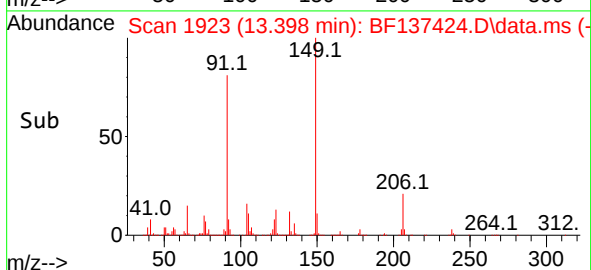
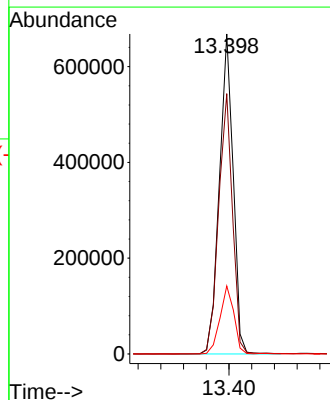
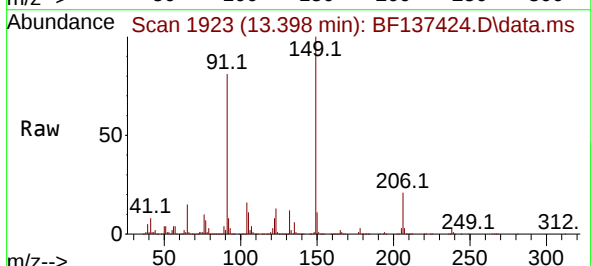
Tgt Ion:149 Resp: 563636

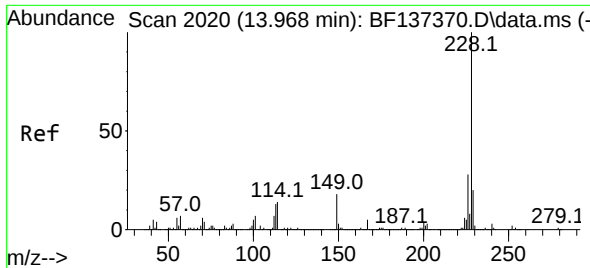
Ion Ratio Lower Upper

149 100

91 81.4 70.5 105.7

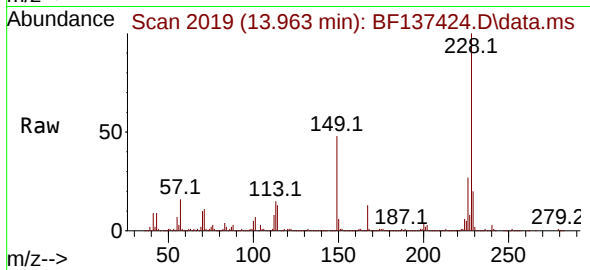
206 21.2 14.8 22.2





#81
Benzo(a)anthracene
Concen: 44.240 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

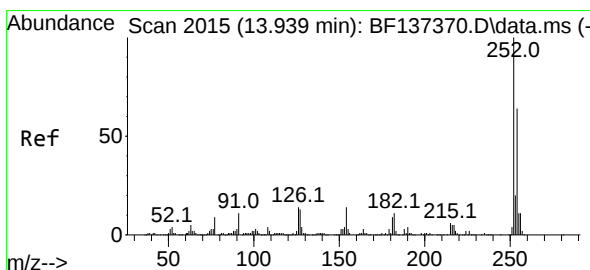
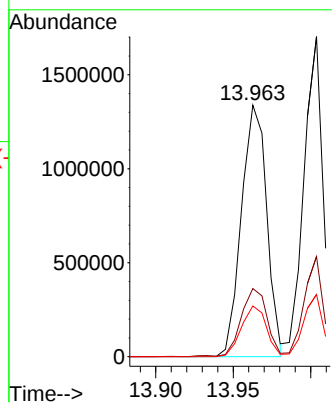
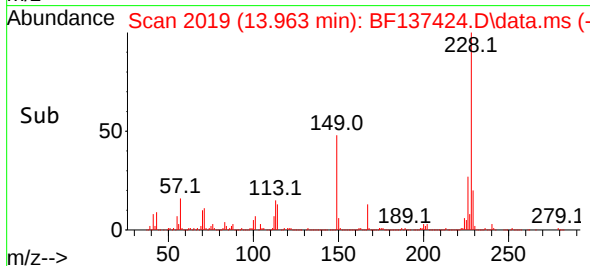
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



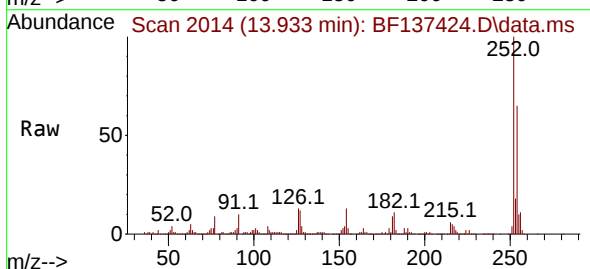
Tgt Ion:228 Resp: 152255
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 20.2 15.7 23.5

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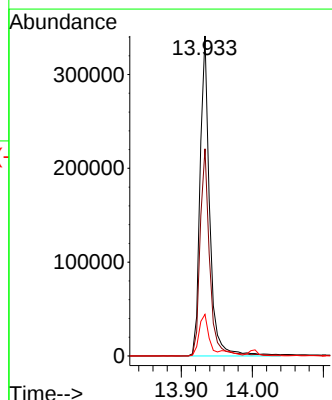
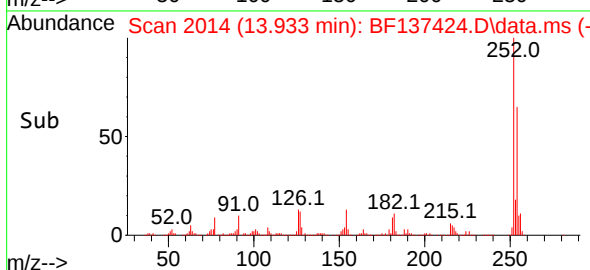
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

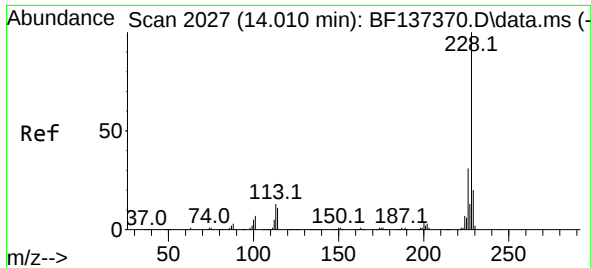


#82
3,3'-Dichlorobenzidine
Concen: 41.016 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53



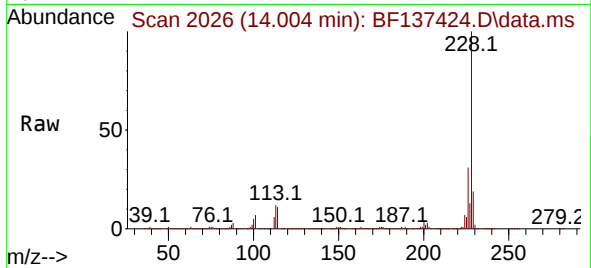
Tgt Ion:252 Resp: 322605
Ion Ratio Lower Upper
252 100
254 64.7 51.2 76.8
126 13.0 11.1 16.7





#83
Chrysene
Concen: 43.107 ng
RT: 14.004 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

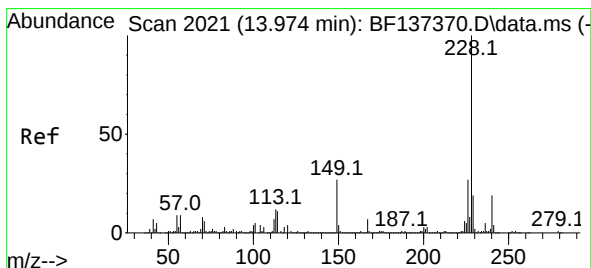
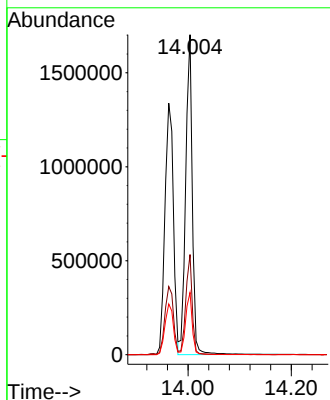
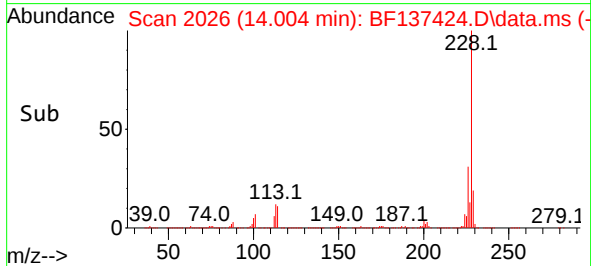
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



Tgt Ion:228 Resp: 1515502
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 19.4 15.8 23.8

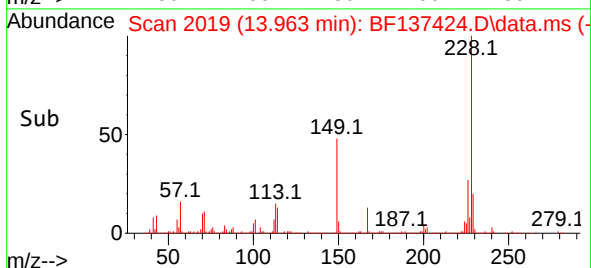
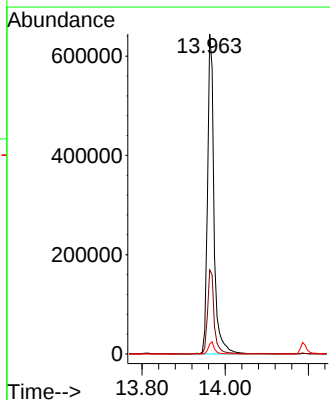
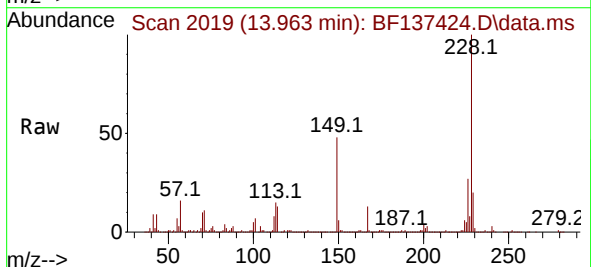
Manual Integrations
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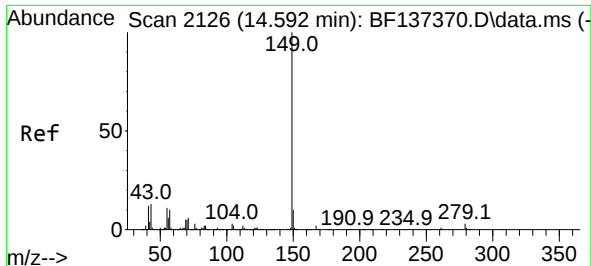
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 68.989 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.011 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

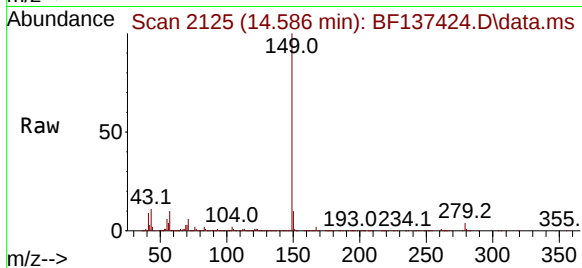
Tgt Ion:149 Resp: 700238
Ion Ratio Lower Upper
149 100
167 26.2 20.6 31.0
279 3.1 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 61.544 ng
RT: 14.586 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

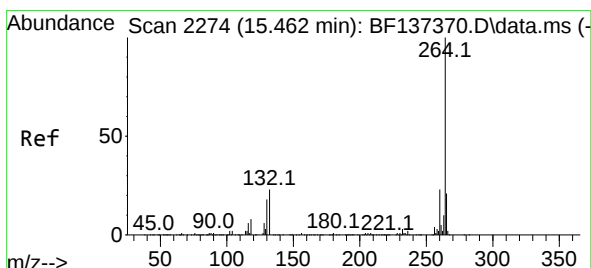
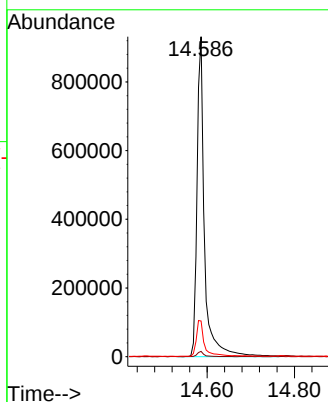
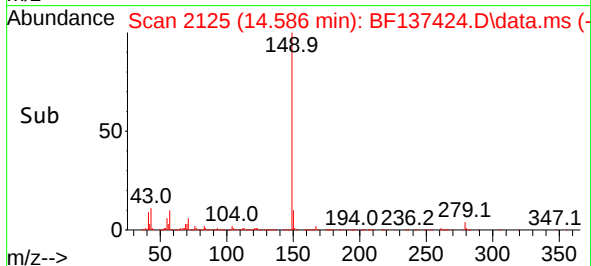
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



Tgt Ion:149 Resp: 1101428
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.4 13.7 20.5

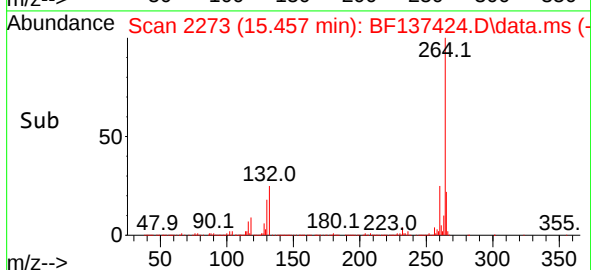
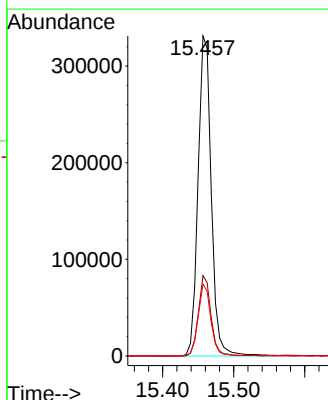
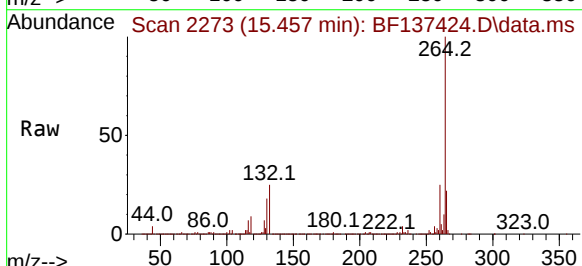
Manual Integrations
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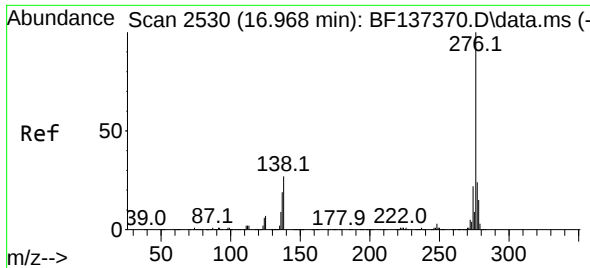
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:264 Resp: 430478
Ion Ratio Lower Upper
264 100
260 25.1 18.5 27.7
265 22.4 16.9 25.3





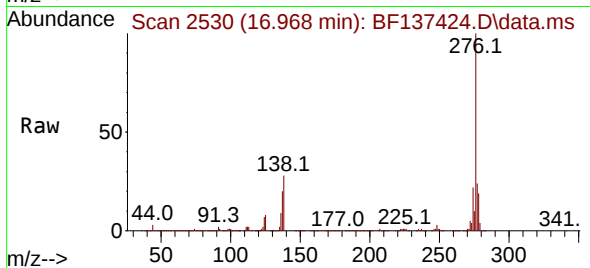
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.522 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Instrument :

BNA_F

ClientSampleId :

PB159308BSD

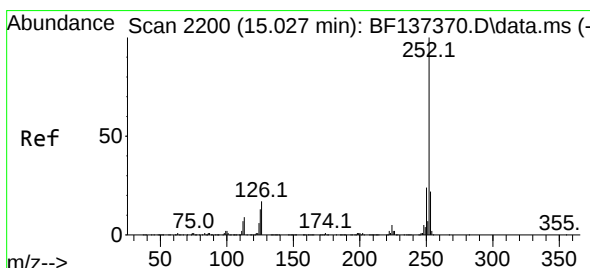
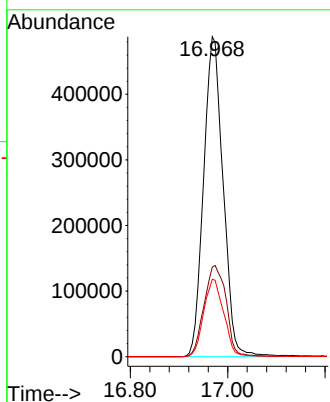
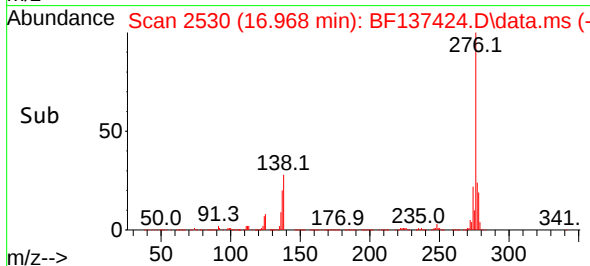


Tgt Ion:276 Resp: 135390
Ion Ratio Lower Upper
276 100
138 32.3 25.8 38.8
277 24.9 19.6 29.4

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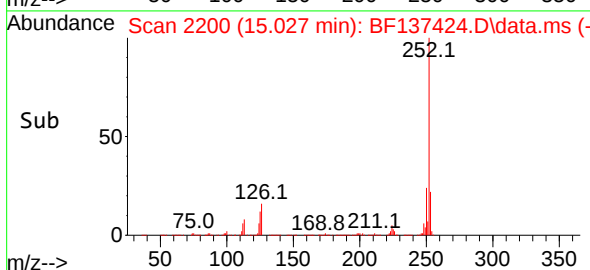
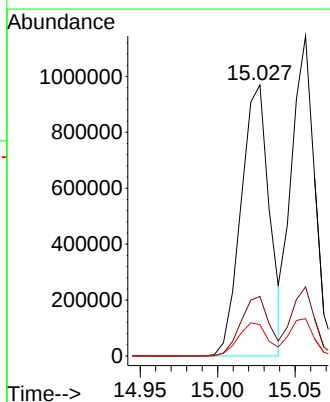
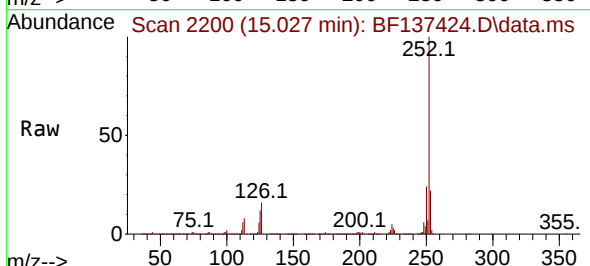
APPROVED

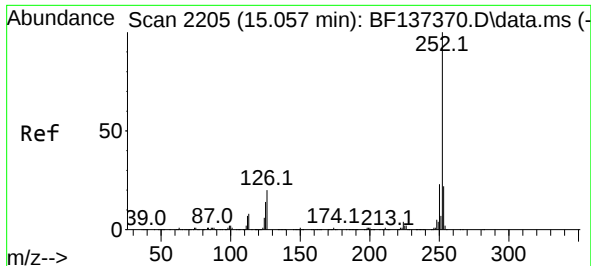
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#88
Benzo(b)fluoranthene
Concen: 46.900 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

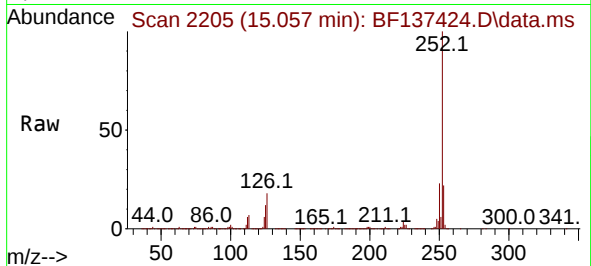
Tgt Ion:252 Resp: 1238518
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 11.6 10.2 15.2





#89
Benzo(k)fluoranthene
Concen: 43.986 ng
RT: 15.057 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

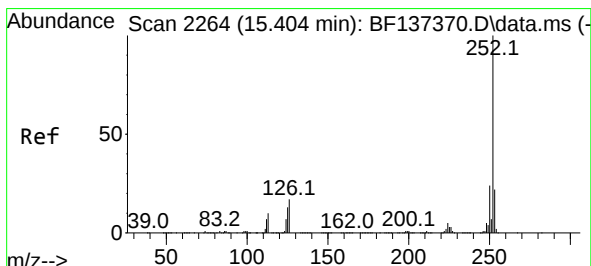
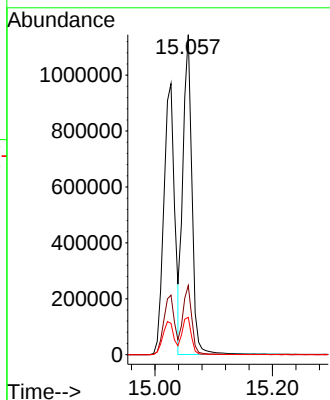
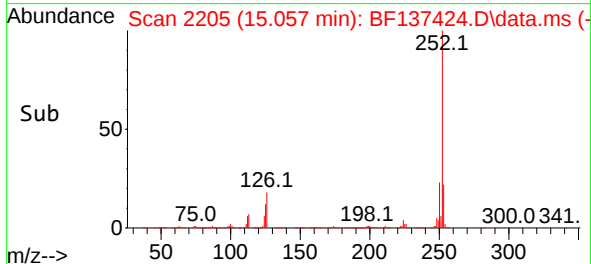
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



Tgt Ion:252 Resp: 121745
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 11.7 10.7 16.1

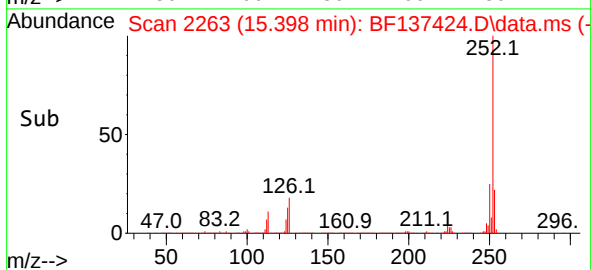
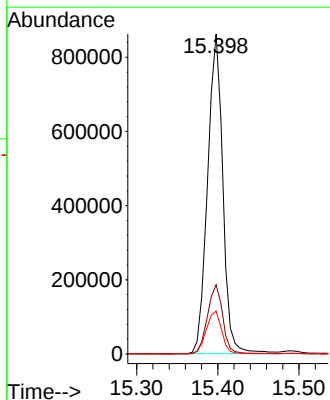
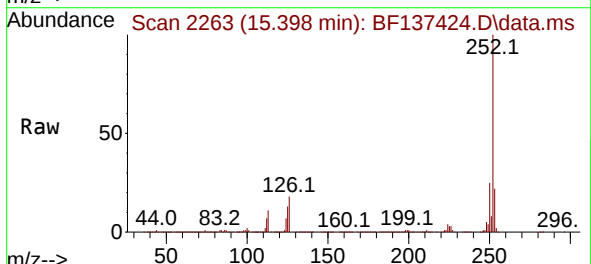
Manual Integrations
APPROVED

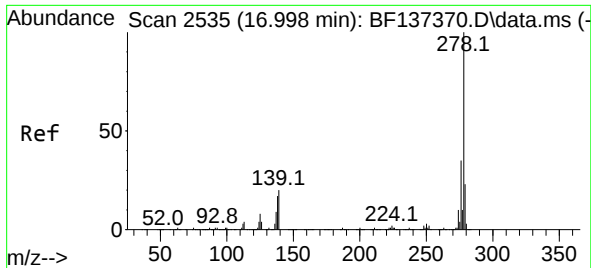
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#90
Benzo(a)pyrene
Concen: 44.880 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

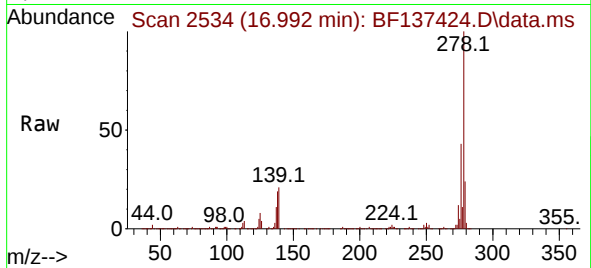
Tgt Ion:252 Resp: 1124192
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 13.4 10.6 16.0





#91
Dibenzo(a,h)anthracene
Concen: 44.617 ng
RT: 16.992 min Scan# 2534
Delta R.T. -0.006 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

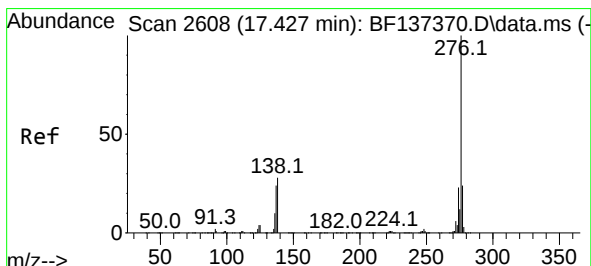
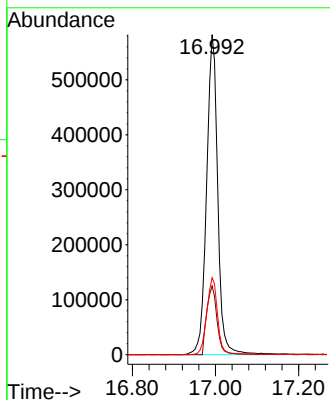
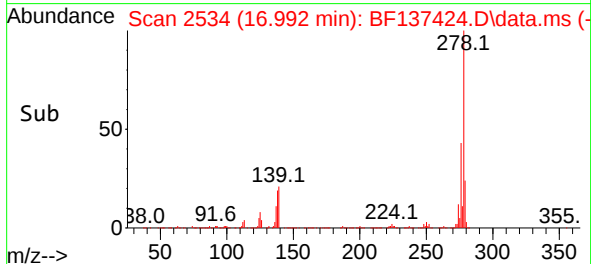
Instrument :
BNA_F
ClientSampleId :
PB159308BSD



Tgt Ion:278 Resp: 108691
Ion Ratio Lower Upper
278 100
139 21.5 16.2 24.4
279 24.1 18.5 27.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 44.158 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.000 min
Lab File: BF137424.D
Acq: 28 Feb 2024 15:53

Tgt Ion:276 Resp: 1110579
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 27.6 22.6 33.8

