

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138970.D
 Acq On : 13 Aug 2024 12:47
 Operator : RC/JU
 Sample : P3512-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 927-K1-SD-0.5-1.0-080724MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 13:12:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	35132	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	141264	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	74754	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	115514	20.000	ng	0.00
76) Chrysene-d12	13.998	240	61599	20.000	ng	0.00
86) Perylene-d12	15.463	264	63687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	250906	110.245	ng	0.01
7) Phenol-d6	6.487	99	346781	113.489	ng	0.00
23) Nitrobenzene-d5	7.404	82	218629	75.667	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	65643	107.201	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	331091	66.547	ng	-0.01
79) Terphenyl-d14	12.939	244	238019	64.694	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	44010	44.169	ng	94
3) Pyridine	3.428	79	114953	47.625	ng	96
4) n-Nitrosodimethylamine	3.399	42	99846	69.455	ng	83
6) Aniline	6.504	93	139701	51.265	ng	# 29
8) 2-Chlorophenol	6.634	128	147127	61.444	ng	97
9) Benzaldehyde	6.404	77	5511	3.009	ng	89
10) Phenol	6.504	94	199385	61.974	ng	79
11) bis(2-Chloroethyl)ether	6.575	93	141184	57.027	ng	99
12) 1,3-Dichlorobenzene	6.781	146	156516	58.394	ng	99
13) 1,4-Dichlorobenzene	6.857	146	158617	58.639	ng	98
14) 1,2-Dichlorobenzene	7.010	146	152524	60.334	ng	99
15) Benzyl Alcohol	6.993	79	145303	65.977	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	243252	57.092	ng	# 51
17) 2-Methylphenol	7.104	107	116045	58.690	ng	# 84
18) Hexachloroethane	7.345	117	61708	60.604	ng	99
19) n-Nitroso-di-n-propyla...	7.257	70	116769	63.271	ng	97
20) 3+4-Methylphenols	7.263	107	158634	62.531	ng	# 73
22) Acetophenone	7.251	105	205343	59.368	ng	99
24) Nitrobenzene	7.428	77	174032	59.192	ng	99
25) Isophorone	7.663	82	305480	61.917	ng	98
26) 2-Nitrophenol	7.740	139	79241	62.644	ng	89
27) 2,4-Dimethylphenol	7.781	122	100770	66.583	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	177285	59.007	ng	99
29) 2,4-Dichlorophenol	7.992	162	120760	62.095	ng	100
30) 1,2,4-Trichlorobenzene	8.063	180	133826	59.629	ng	98
31) Naphthalene	8.140	128	441301	59.349	ng	100
32) Benzoic acid	7.939	122	45963	38.635	ng	92
33) 4-Chloroaniline	8.198	127	80669	32.319	ng	99
34) Hexachlorobutadiene	8.251	225	83953	61.759	ng	97
35) Caprolactam	8.581	113	33615m	57.928	ng	
36) 4-Chloro-3-methylphenol	8.692	107	140282	63.117	ng	99
37) 2-Methylnaphthalene	8.834	142	288150	61.360	ng	100
38) 1-Methylnaphthalene	8.934	142	265820	57.766	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	124150	59.786	ng	98
41) Hexachlorocyclopentadiene	8.981	237	67199	118.581	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	78049	61.645	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
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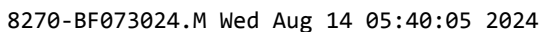
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	82424	59.549	ng	98
46) 1,1'-Biphenyl	9.298	154	337098	57.578	ng	98
47) 2-Chloronaphthalene	9.322	162	266427	61.187	ng	98
48) 2-Nitroaniline	9.428	65	98082	66.445	ng	94
49) Acenaphthylene	9.739	152	413347	66.932	ng	99
50) Dimethylphthalate	9.598	163	316006	66.112	ng	99
51) 2,6-Dinitrotoluene	9.669	165	68221	63.242	ng	88
52) Acenaphthene	9.910	154	248002	59.740	ng	99
53) 3-Nitroaniline	9.839	138	47892	42.946	ng	96
54) 2,4-Dinitrophenol	9.957	184	52360	105.443	ng	# 80
55) Dibenzofuran	10.081	168	374176	63.851	ng	98
56) 4-Nitrophenol	10.022	139	58566	87.333	ng	83
57) 2,4-Dinitrotoluene	10.081	165	88483	64.291	ng	# 80
58) Fluorene	10.422	166	297374	63.724	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	64697	61.139	ng	96
60) Diethylphthalate	10.298	149	301109	66.439	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	147060	64.075	ng	95
62) 4-Nitroaniline	10.457	138	60071	56.684	ng	# 82
63) Azobenzene	10.575	77	314327	62.533	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	44710	63.442	ng	90
66) n-Nitrosodiphenylamine	10.533	169	245748	68.061	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	82560	66.013	ng	99
68) Hexachlorobenzene	10.969	284	83154	64.395	ng	97
69) Atrazine	11.063	200	68515	73.548	ng	98
70) Pentachlorophenol	11.175	266	48770	83.790	ng	97
71) Phenanthrene	11.386	178	375357	63.106	ng	99
72) Anthracene	11.439	178	386848	66.019	ng	100
73) Carbazole	11.598	167	304154	60.164	ng	99
74) Di-n-butylphthalate	11.916	149	397093	69.873	ng	99
75) Fluoranthene	12.575	202	327040	58.896	ng	98
77) Benzidine	12.698	184	78359	53.185	ng	99
78) Pyrene	12.804	202	322604	55.624	ng	99
80) Butylbenzylphthalate	13.410	149	127085	68.427	ng	100
81) Benzo(a)anthracene	13.992	228	279959	65.999	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	68494	63.099	ng	97
83) Chrysene	14.027	228	247688	64.722	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	177961	65.436	ng	99
85) Di-n-octyl phthalate	14.574	149	308272	61.266	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	226645	49.659	ng	97
88) Benzo(b)fluoranthene	15.039	252	262331	66.447	ng	98
89) Benzo(k)fluoranthene	15.068	252	245898	71.938	ng	99
90) Benzo(a)pyrene	15.404	252	227948	68.642	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	183124	48.879	ng	98
92) Benzo(g,h,i)perylene	17.380	276	160550	41.296	ng	96

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

Manual Integrations

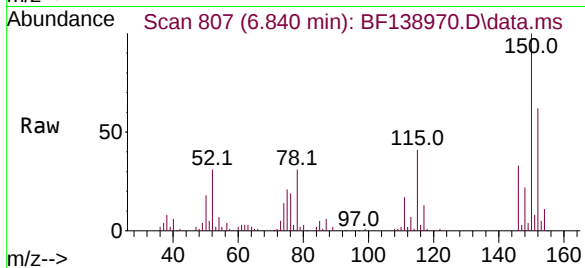
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

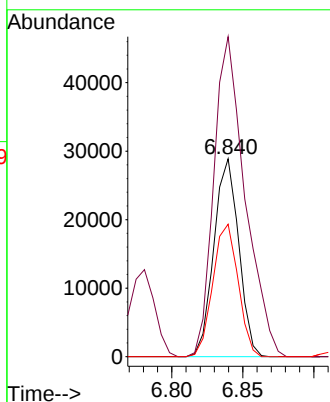
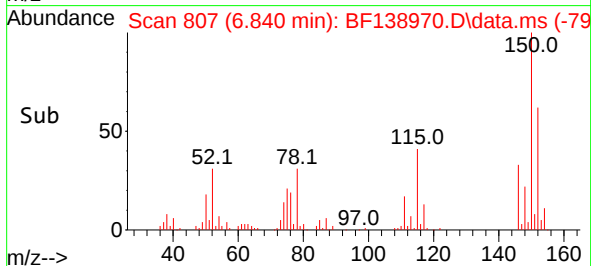
Instrument : BNA_F
ClientSampleId : 927-K1-SD-0.5-1.0-080724MS



Tgt Ion: 152 Resp: 3513
Ion Ratio Lower Upper
152 100
150 161.7 126.0 189.0
115 66.9 51.7 77.5

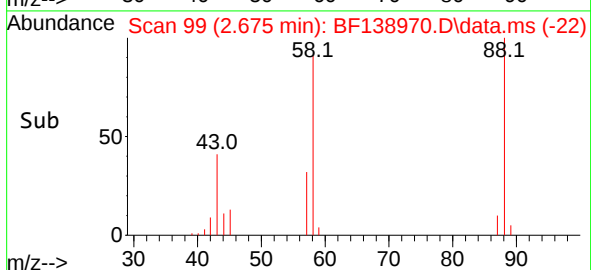
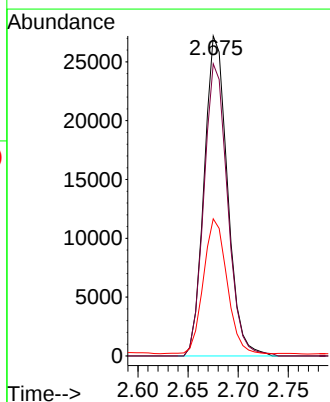
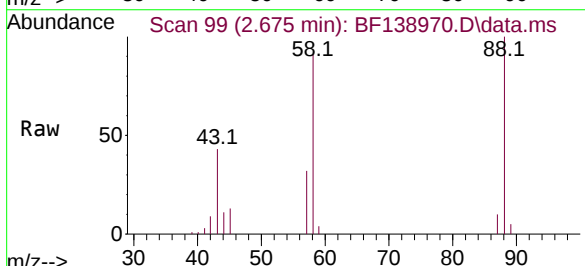
Manual Integrations
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Supervised By :mohammad ahmed 08/14/2024



#2
1,4-Dioxane
Concen: 44.169 ng
RT: 2.675 min Scan# 99
Delta R.T. 0.100 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

Tgt Ion: 88 Resp: 44010
Ion Ratio Lower Upper
88 100
58 92.7 71.6 107.4
43 42.5 28.7 43.1





#3

Pyridine

Concen: 47.625 ng

RT: 3.428 min Scan# 211

Delta R.T. 0.094 min

Lab File: BF138970.D

Acq: 13 Aug 2024 12:47

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MS

Tgt Ion: 79 Resp: 11495

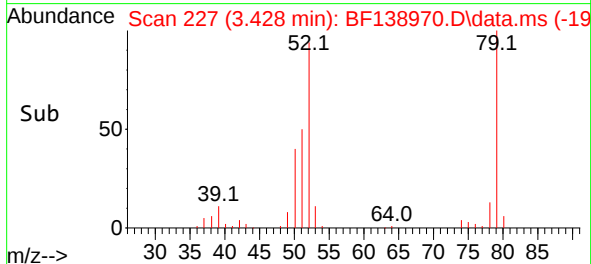
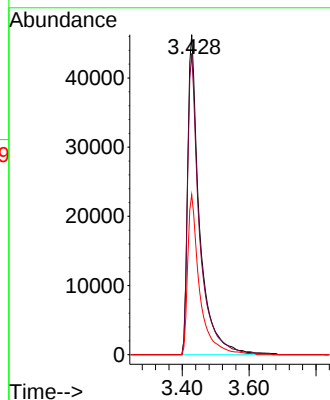
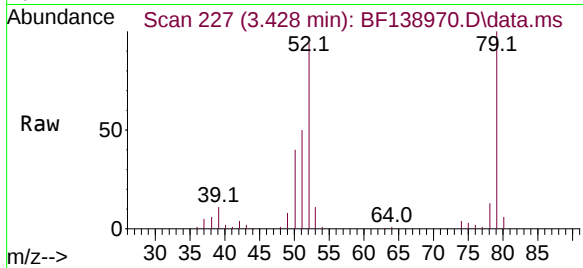
Ion	Ratio	Lower	Upper
79	100		
52	94.1	74.7	112.1
51	50.0	34.6	51.8

Manual Integrations

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Supervised By :mohammad ahmed 08/14/2024



#4

n-Nitrosodimethylamine

Concen: 69.455 ng

RT: 3.399 min Scan# 222

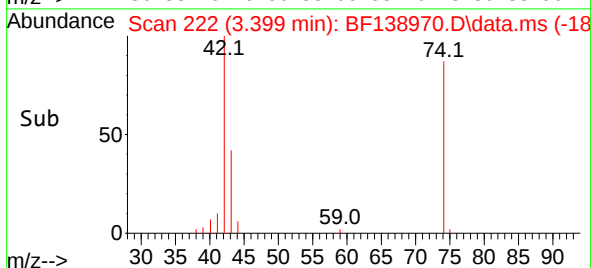
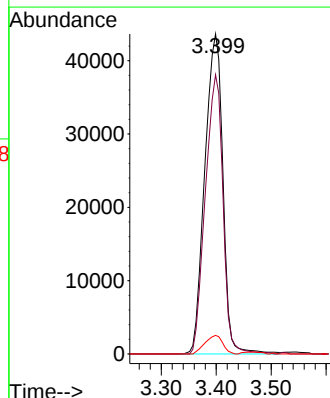
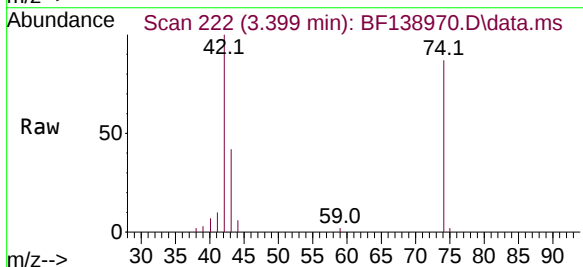
Delta R.T. 0.112 min

Lab File: BF138970.D

Acq: 13 Aug 2024 12:47

Tgt Ion: 42 Resp: 99846

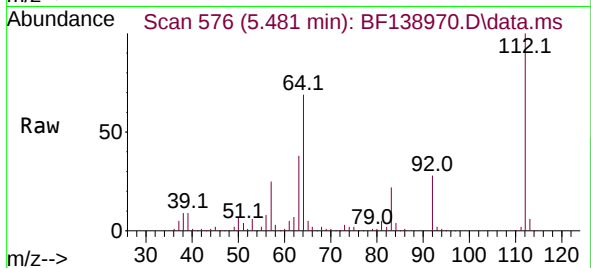
Ion	Ratio	Lower	Upper
42	100		
74	87.2	84.2	126.4
44	5.8	4.9	7.3





#5
2-Fluorophenol
Concen: 110.245 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

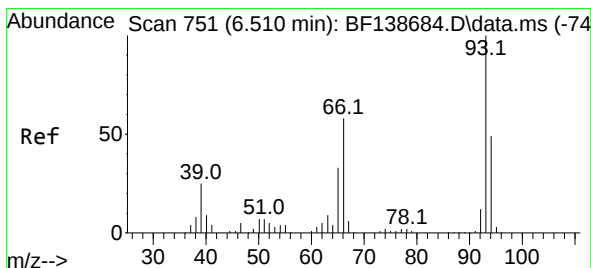
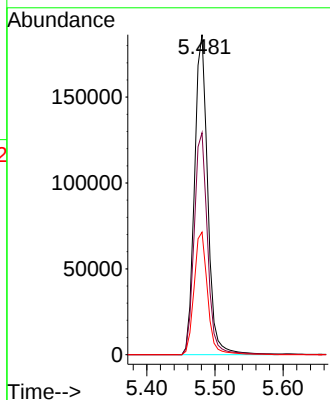
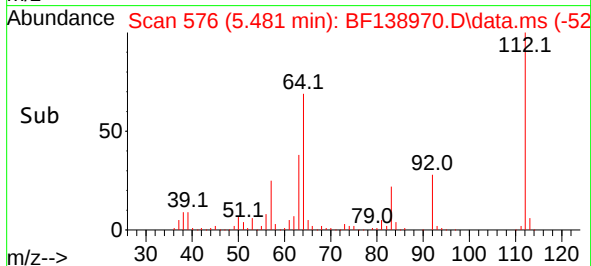
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion:112 Resp: 250900
Ion Ratio Lower Upper
112 100
64 69.3 54.2 81.4
63 38.3 28.7 43.1

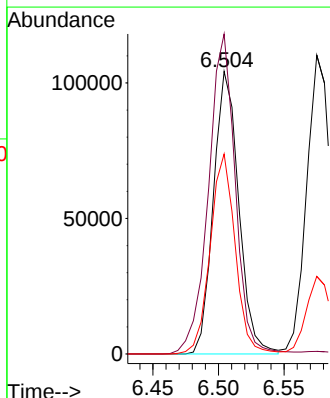
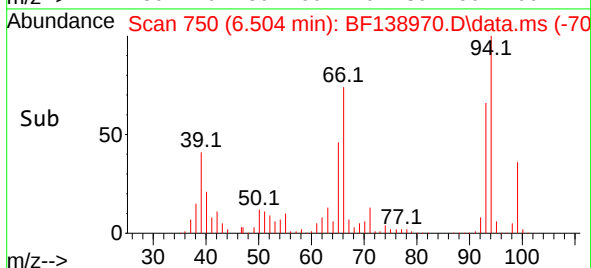
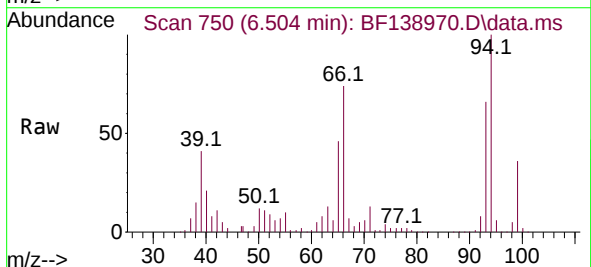
Manual Integrations
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#6
Aniline
Concen: 51.265 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

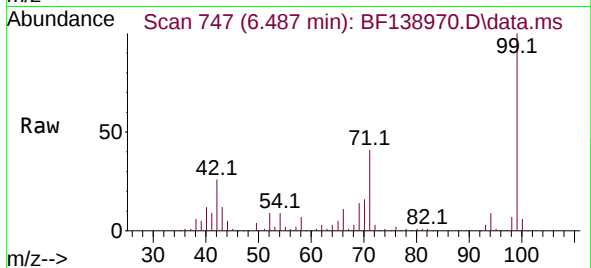
Tgt Ion: 93 Resp: 139701
Ion Ratio Lower Upper
93 100
66 113.3 46.9 70.3#
65 70.8 26.5 39.7#





#7
Phenol-d6
Concen: 113.489 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

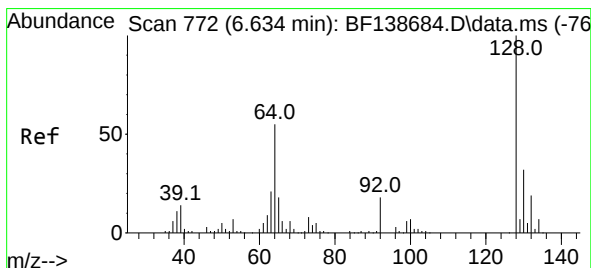
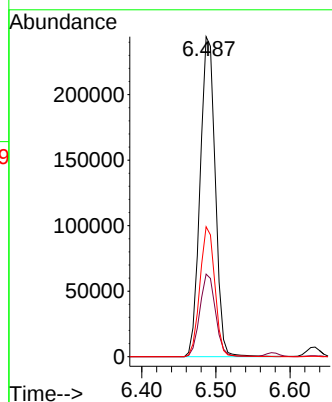
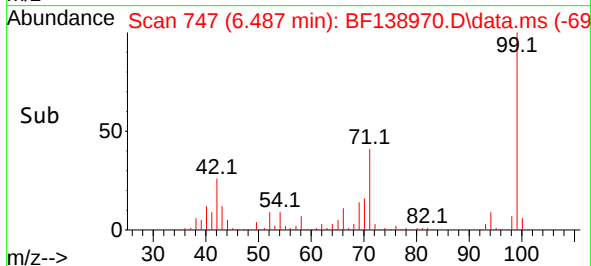
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 34678
Ion Ratio Lower Upper
99 100
42 25.8 17.4 26.0
71 40.6 28.1 42.1

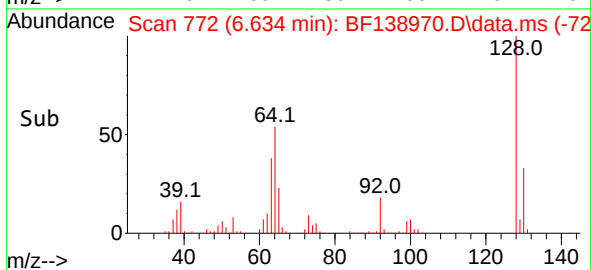
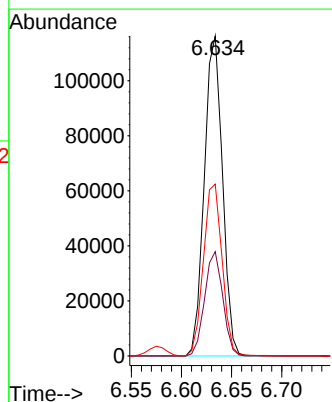
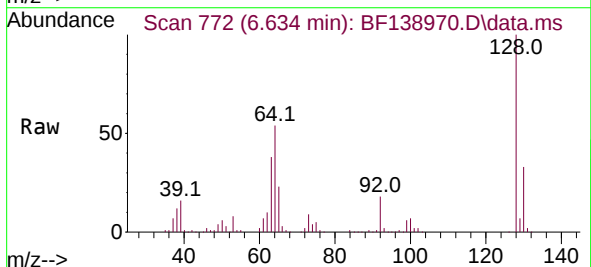
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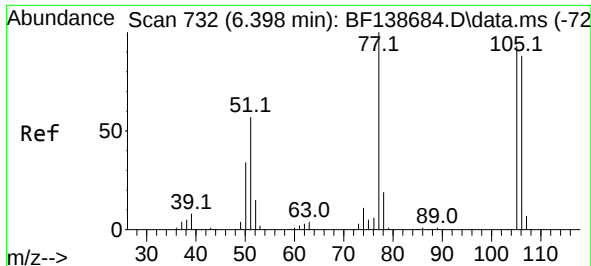
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#8
2-Chlorophenol
Concen: 61.444 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

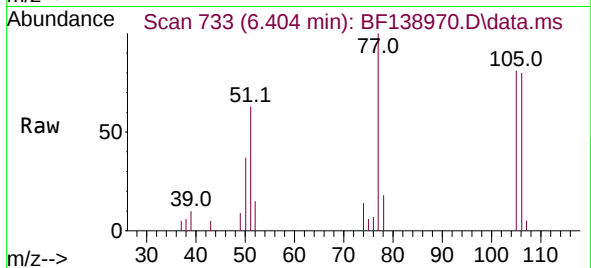
Tgt Ion:128 Resp: 147127
Ion Ratio Lower Upper
128 100
130 32.6 12.0 52.0
64 53.7 36.3 76.3





#9
Benzaldehyde
Concen: 3.009 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

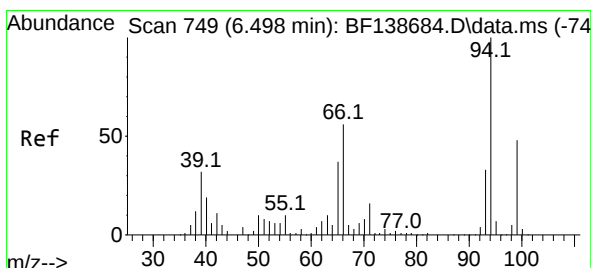
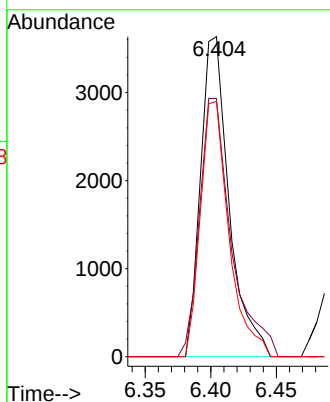
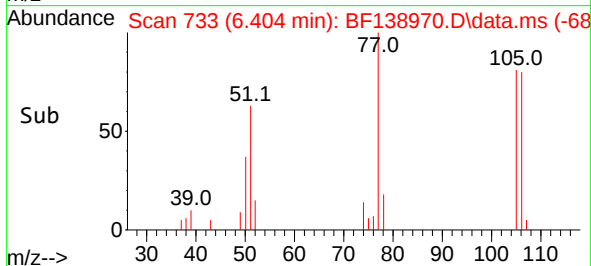
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion: 77 Resp: 551
Ion Ratio Lower Upper
77 100
105 80.7 72.9 112.9
106 79.8 68.4 108.4

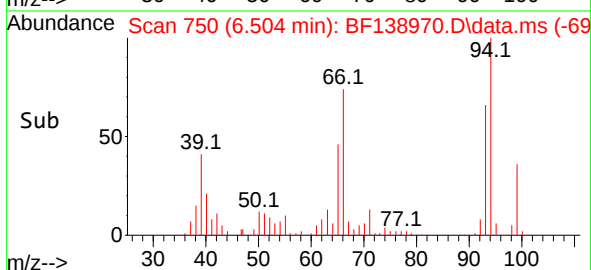
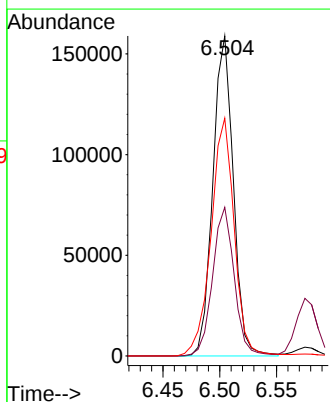
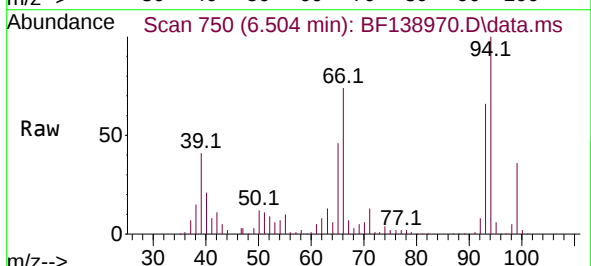
Manual Integrations
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#10
Phenol
Concen: 61.974 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

Tgt Ion: 94 Resp: 199385
Ion Ratio Lower Upper
94 100
65 46.5 16.9 56.9
66 74.3 36.5 76.5





#11

bis(2-Chloroethyl)ether

Concen: 57.027 ng

RT: 6.575 min Scan# 762

Delta R.T. -0.012 min

Lab File: BF138970.D

Acq: 13 Aug 2024 12:47

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MS

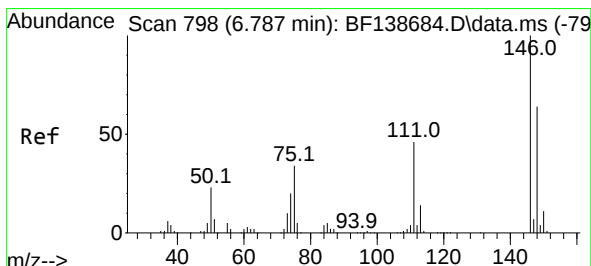
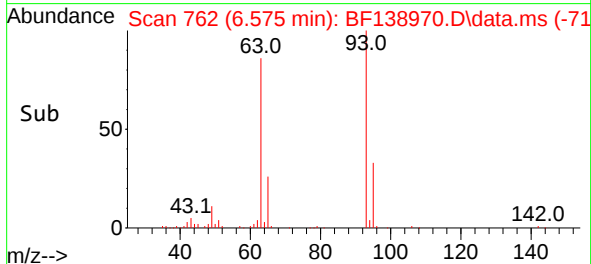
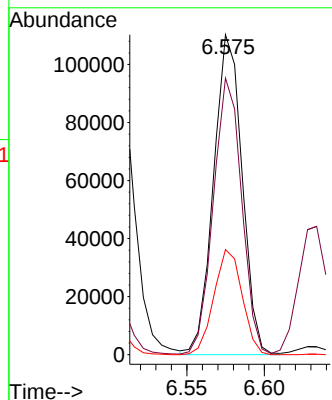
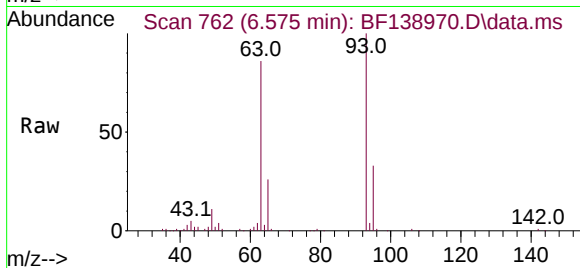
Tgt Ion:	93	Resp:	141184
Ion	Ratio	Lower	Upper
93	100		
63	86.4	65.3	105.3
95	32.8	12.4	52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#12

1,3-Dichlorobenzene

Concen: 58.394 ng

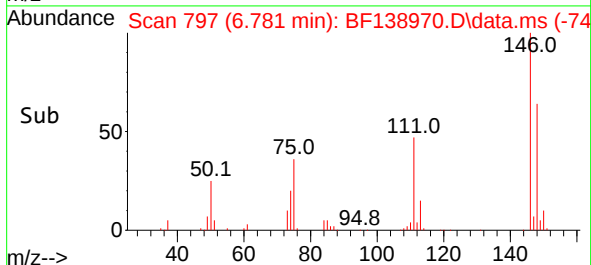
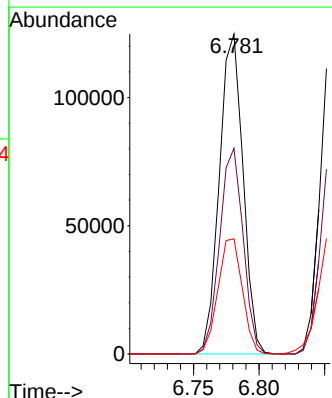
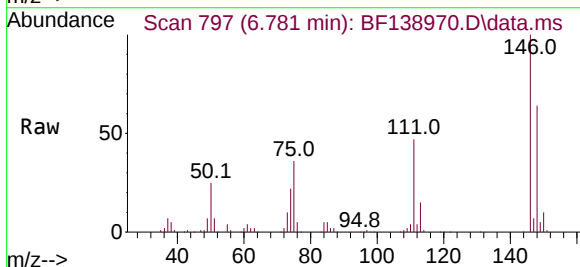
RT: 6.781 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF138970.D

Acq: 13 Aug 2024 12:47

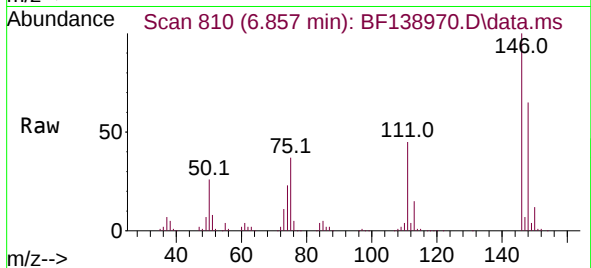
Tgt Ion:	146	Resp:	156516
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
75	36.0	27.4	41.2





#13
1,4-Dichlorobenzene
Concen: 58.639 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

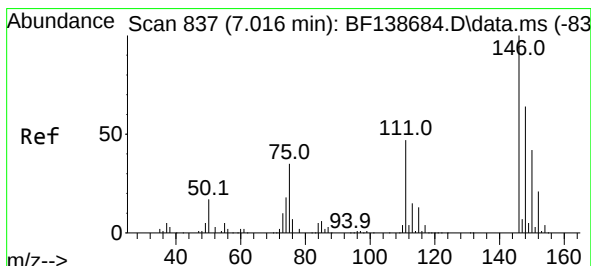
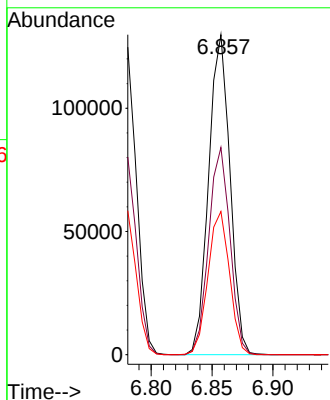
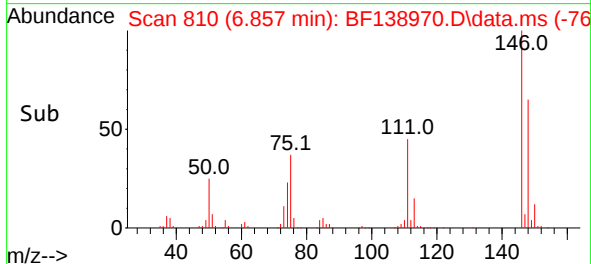
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion:146 Resp: 158617
Ion Ratio Lower Upper
146 100
148 64.8 50.2 75.2
111 44.7 35.9 53.9

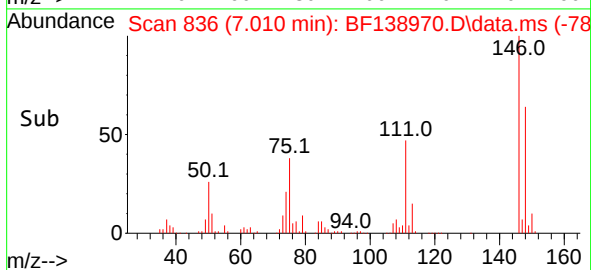
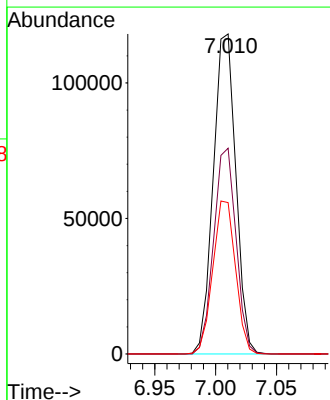
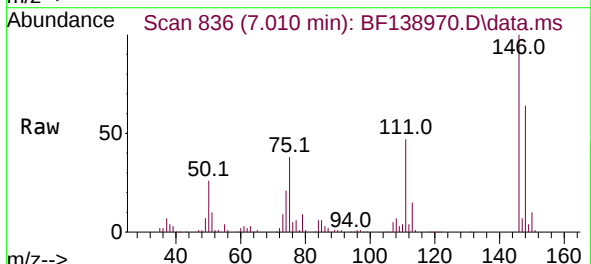
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#14
1,2-Dichlorobenzene
Concen: 60.334 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

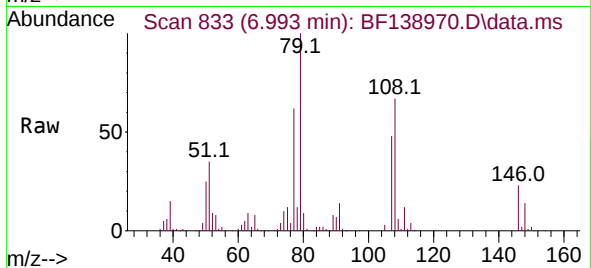
Tgt Ion:146 Resp: 152524
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 47.3 37.4 56.2





#15
Benzyl Alcohol
Concen: 65.977 ng
RT: 6.993 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

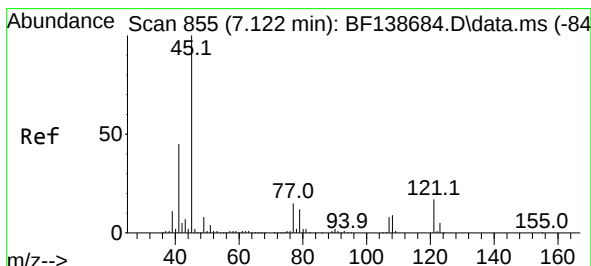
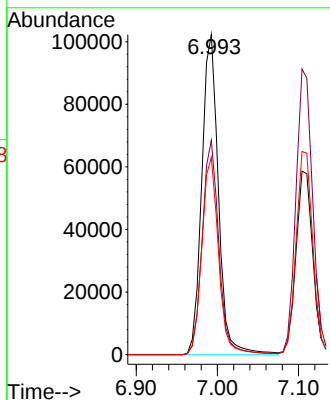
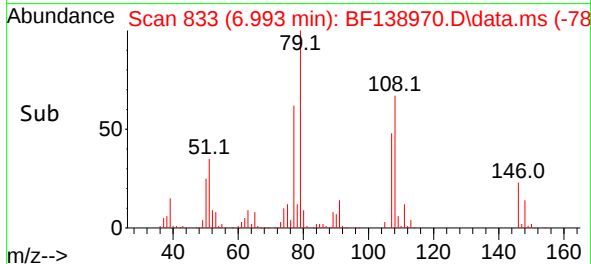
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion: 79 Resp: 14530
Ion Ratio Lower Upper
79 100
108 67.0 56.6 85.0
77 61.6 50.3 75.5

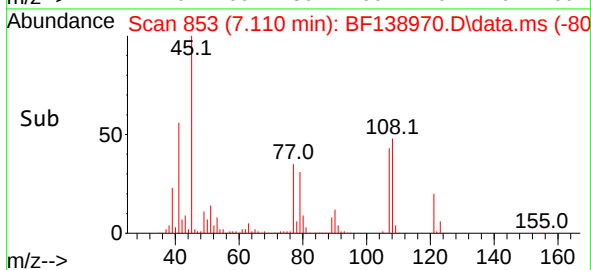
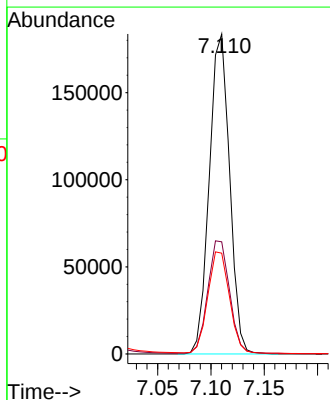
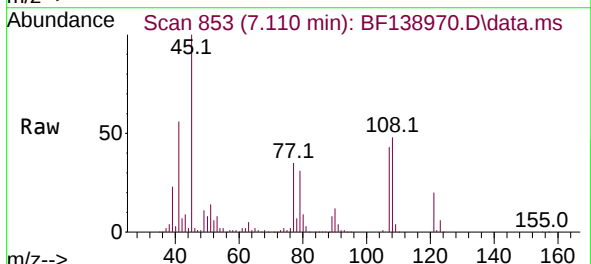
Manual Integrations
APPROVED

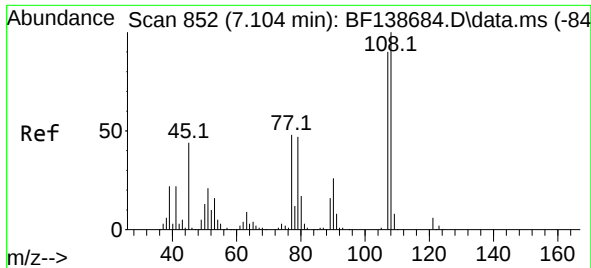
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.092 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

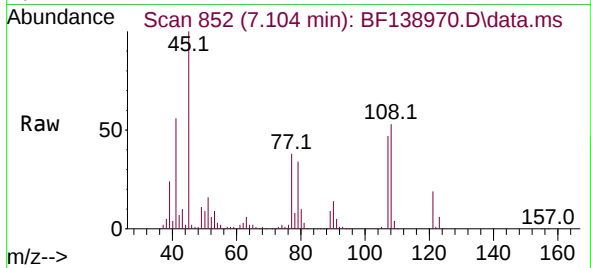
Tgt Ion: 45 Resp: 243252
Ion Ratio Lower Upper
45 100
77 35.1 0.0 34.9#
79 31.5 0.0 32.2





#17
2-Methylphenol
Concen: 58.690 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

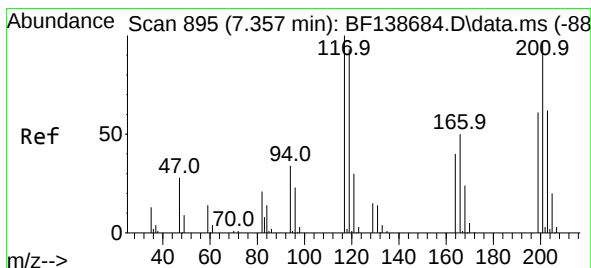
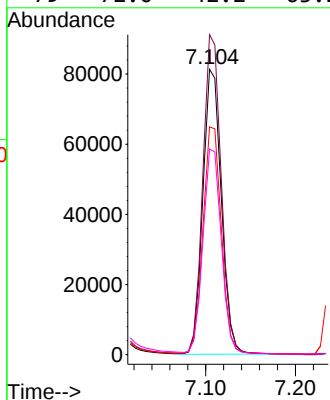
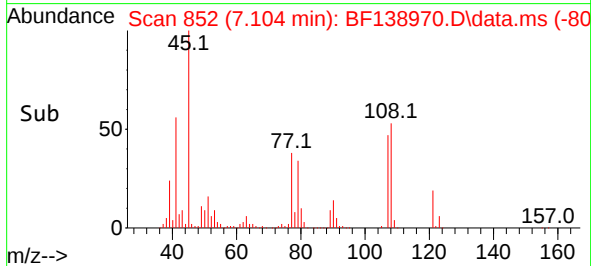
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion:107 Resp: 11604
Ion Ratio Lower Upper
107 100
108 112.1 89.2 133.8
77 79.8 43.0 64.4
79 72.0 42.2 63.2

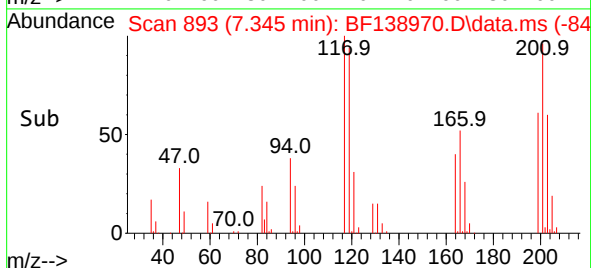
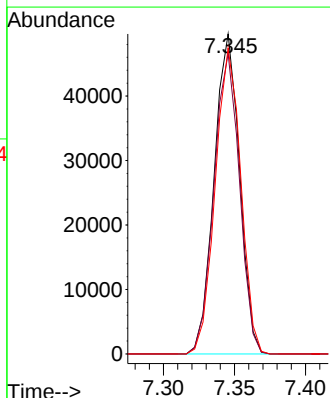
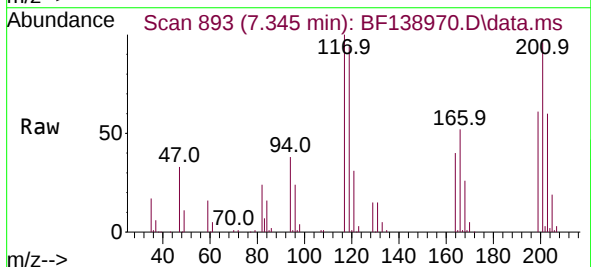
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#18
Hexachloroethane
Concen: 60.604 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

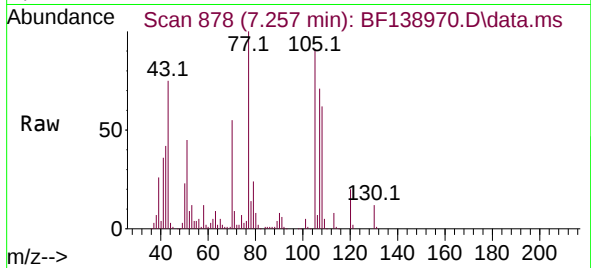
Tgt Ion:117 Resp: 61708
Ion Ratio Lower Upper
117 100
119 93.9 74.6 111.8
201 95.6 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 63.271 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

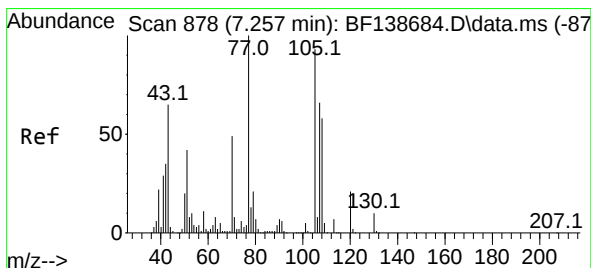
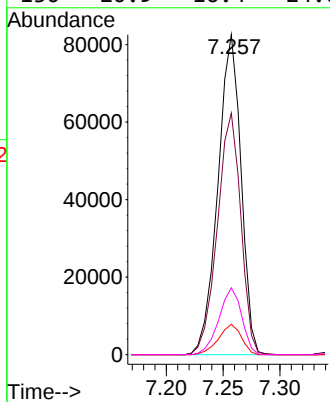
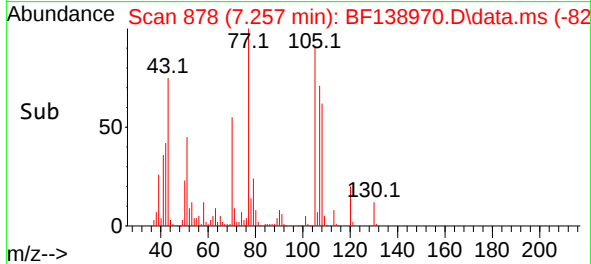
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



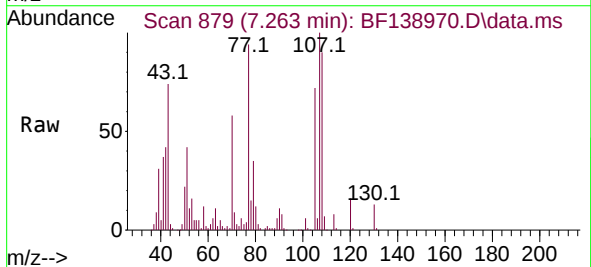
Tgt Ion: 70 Resp: 116769
Ion Ratio Lower Upper
70 100
42 75.5 57.4 86.0
101 9.5 7.5 11.3
130 20.9 16.4 24.6

Manual Integrations
APPROVED

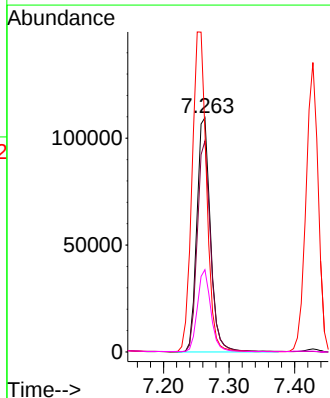
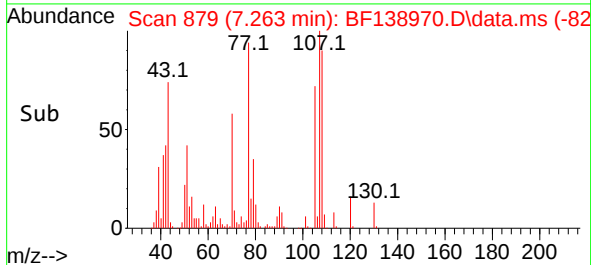
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

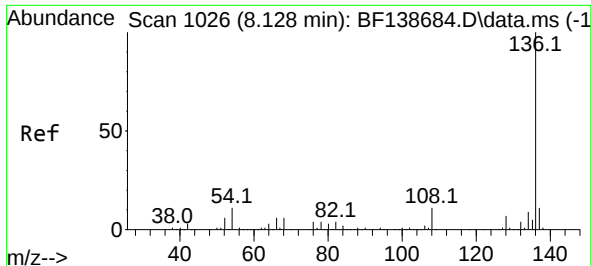


#20
3+4-Methylphenols
Concen: 62.531 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47



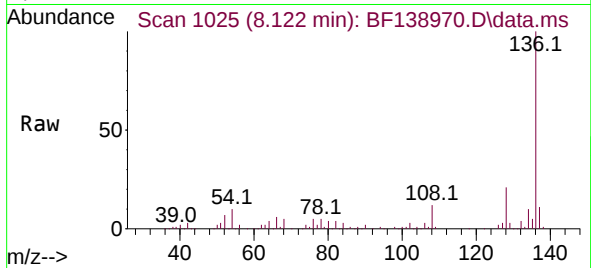
Tgt Ion:107 Resp: 158634
Ion Ratio Lower Upper
107 100
108 90.0 68.2 108.2
77 94.4 132.1 172.1#
79 35.1 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

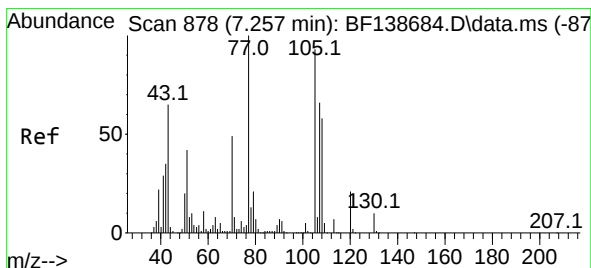
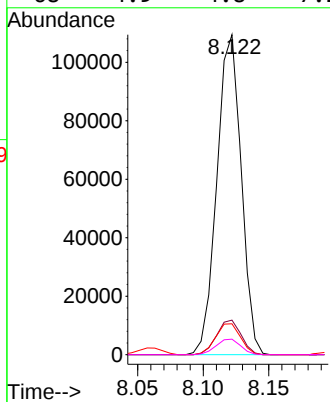
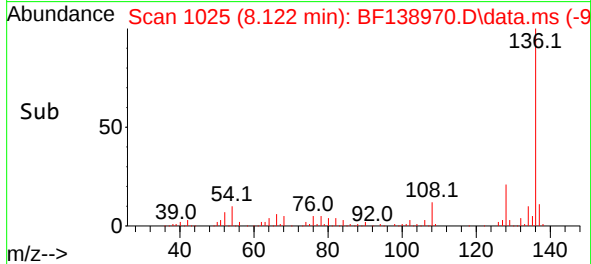
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



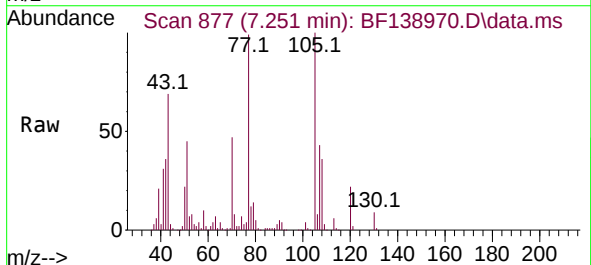
Tgt Ion:136 Resp: 141264
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.7 8.6 12.8
68 4.9 4.8 7.2

Manual Integrations
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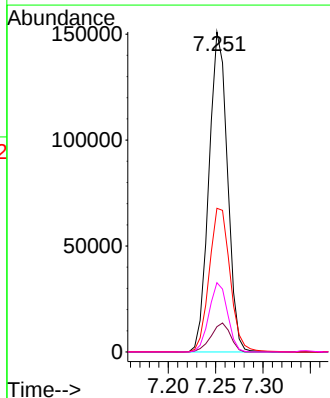
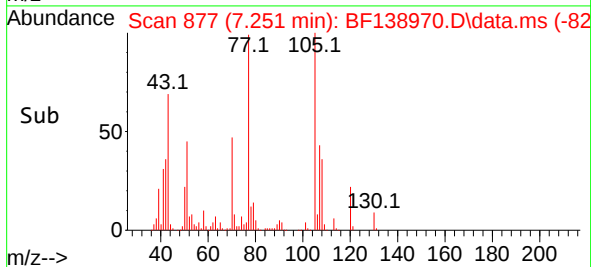
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#22
Acetophenone
Concen: 59.368 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47



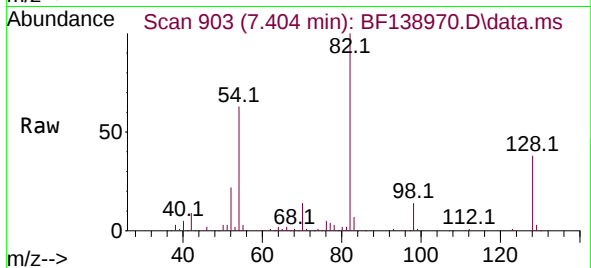
Tgt Ion:105 Resp: 205343
Ion Ratio Lower Upper
105 100
71 7.9 7.2 10.8
51 44.9 35.9 53.9
120 21.7 17.6 26.4





#23
Nitrobenzene-d5
Concen: 75.667 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

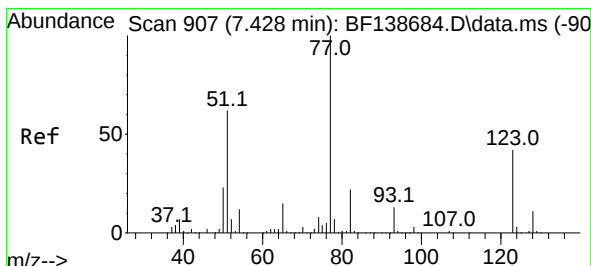
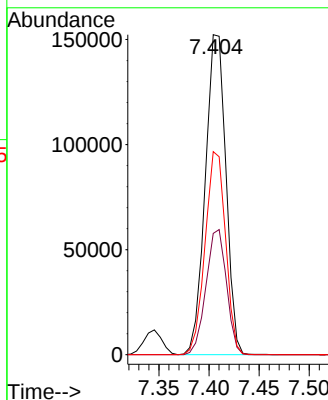
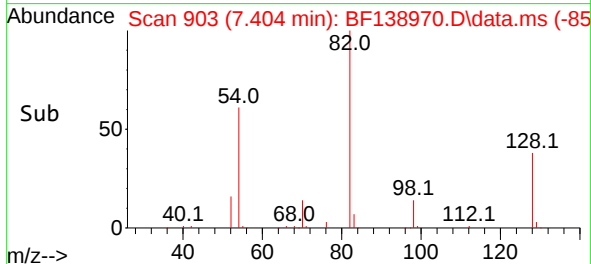
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion: 82 Resp: 218629
Ion Ratio Lower Upper
82 100
128 37.9 32.8 49.2
54 63.4 48.3 72.5

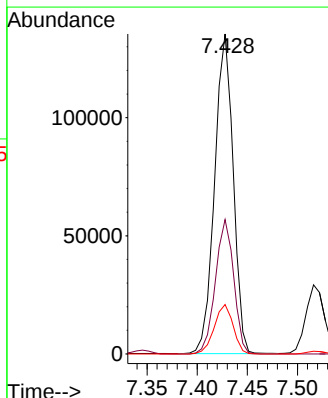
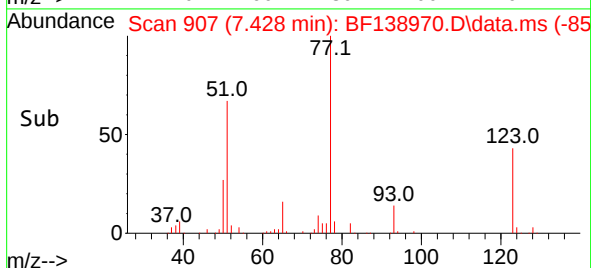
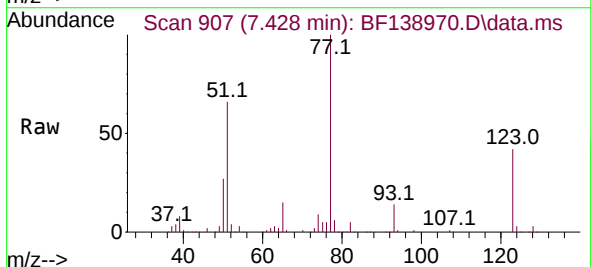
Manual Integrations
APPROVED

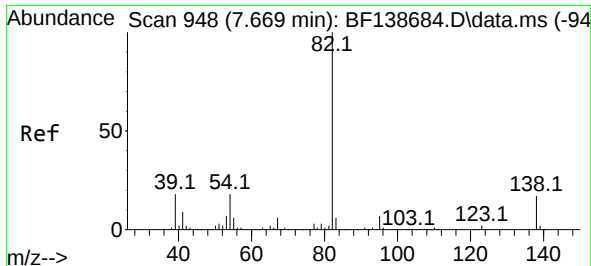
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#24
Nitrobenzene
Concen: 59.192 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

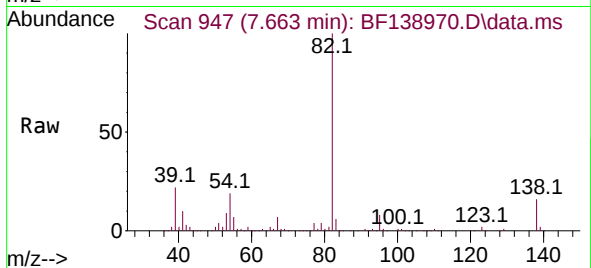
Tgt Ion: 77 Resp: 174032
Ion Ratio Lower Upper
77 100
123 42.0 33.3 49.9
65 15.4 11.9 17.9





#25
Isophorone
Concen: 61.917 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

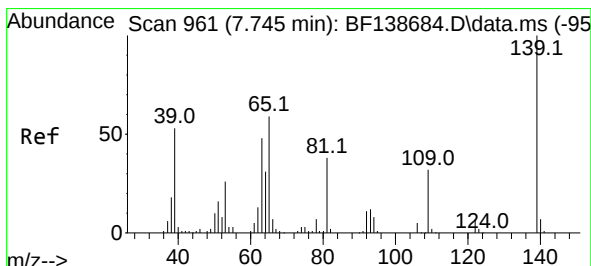
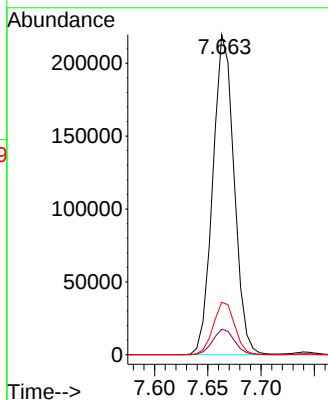
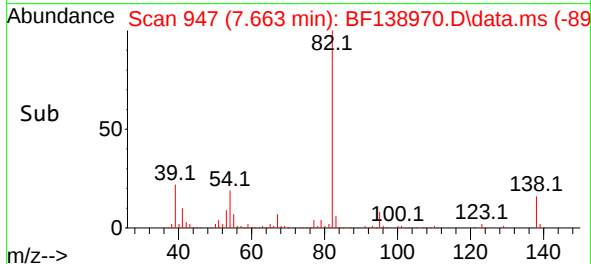
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion: 82 Resp: 305480
Ion Ratio Lower Upper
82 100
95 8.0 5.7 8.5
138 16.4 13.7 20.5

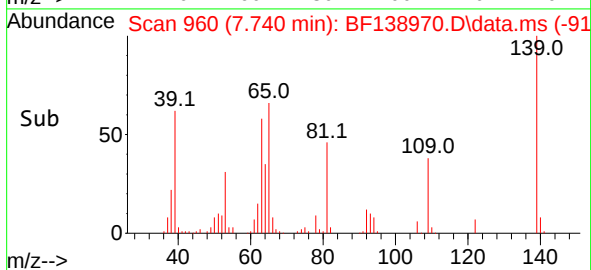
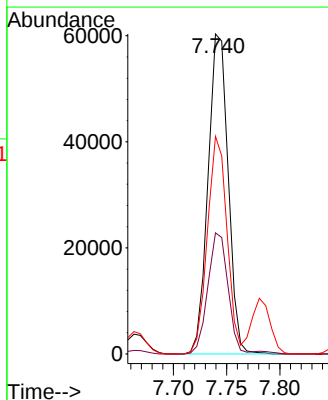
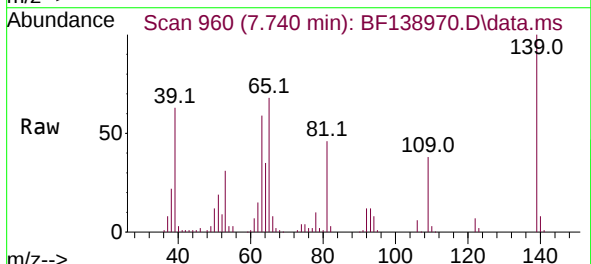
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#26
2-Nitrophenol
Concen: 62.644 ng
RT: 7.740 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

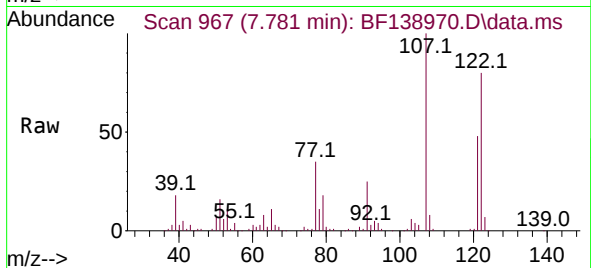
Tgt Ion:139 Resp: 79241
Ion Ratio Lower Upper
139 100
109 37.9 25.9 38.9
65 68.0 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 66.583 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

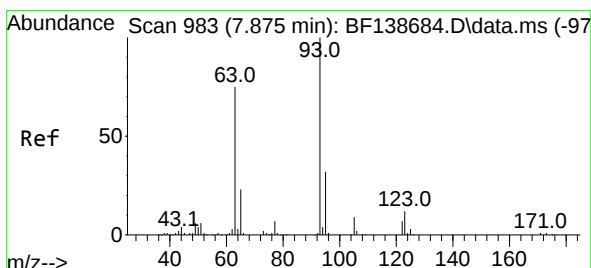
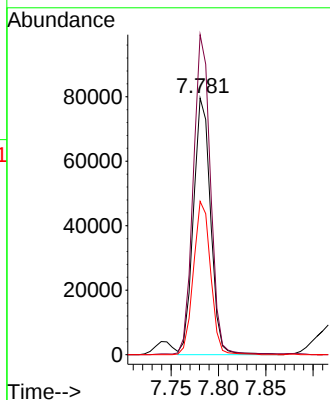
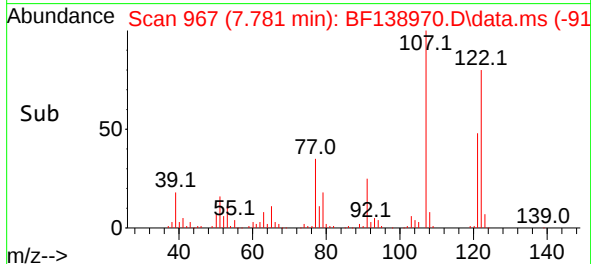
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion:122 Resp: 100770
Ion Ratio Lower Upper
122 100
107 124.7 95.0 142.6
121 59.8 47.3 70.9

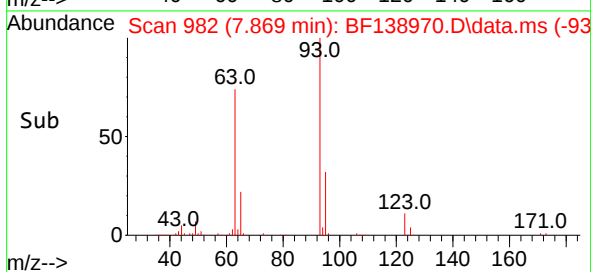
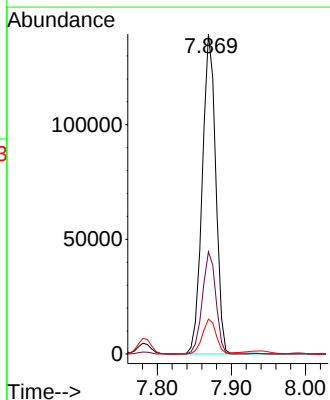
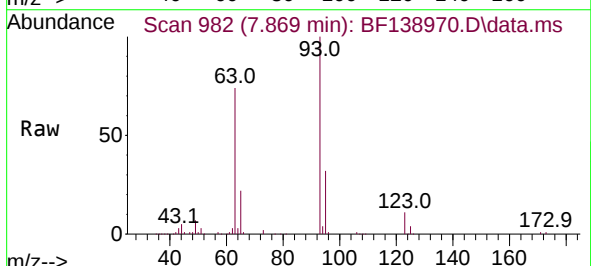
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#28
bis(2-Chloroethoxy)methane
Concen: 59.007 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

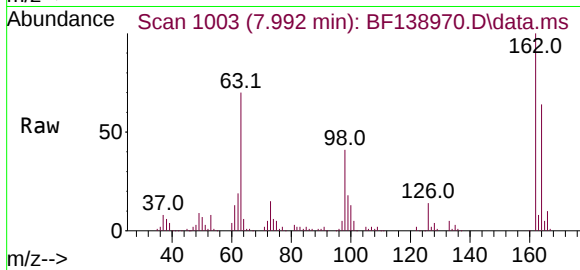
Tgt Ion: 93 Resp: 177285
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.8
123 10.9 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 62.095 ng
RT: 7.992 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

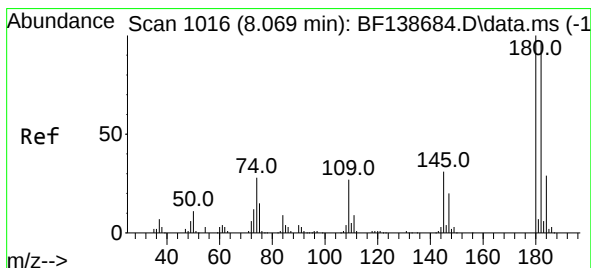
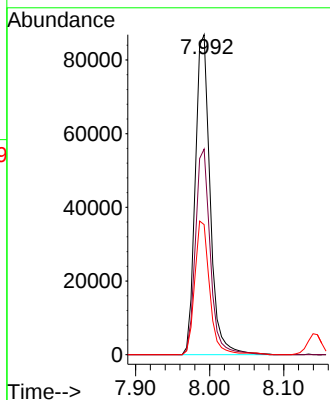
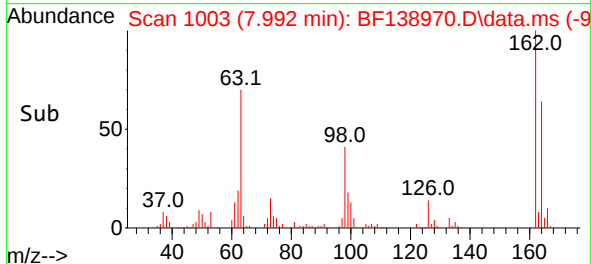
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion:162 Resp: 120760
Ion Ratio Lower Upper
162 100
164 64.3 44.7 84.7
98 40.6 20.8 60.8

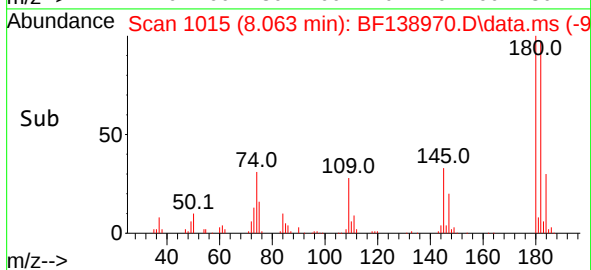
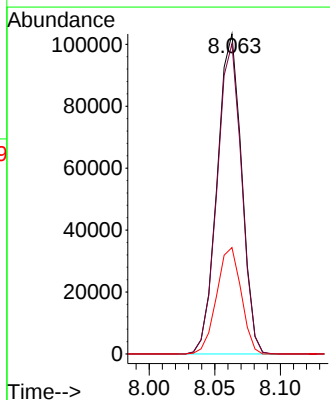
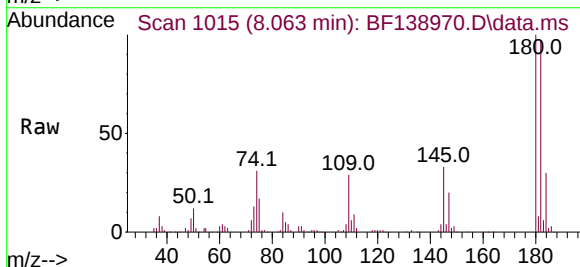
Manual Integrations
APPROVED

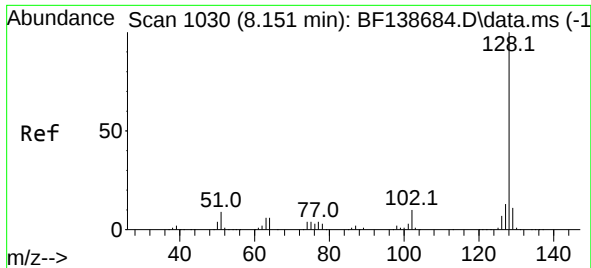
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#30
1,2,4-Trichlorobenzene
Concen: 59.629 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

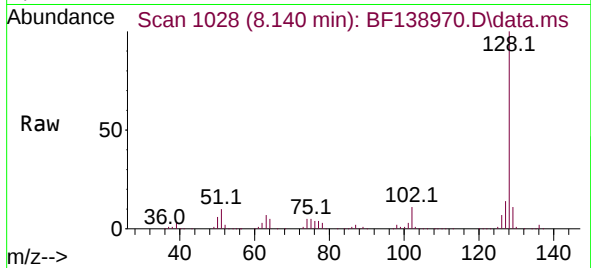
Tgt Ion:180 Resp: 133826
Ion Ratio Lower Upper
180 100
182 97.0 76.9 115.3
145 33.2 25.0 37.4





#31
Naphthalene
Concen: 59.349 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.011 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

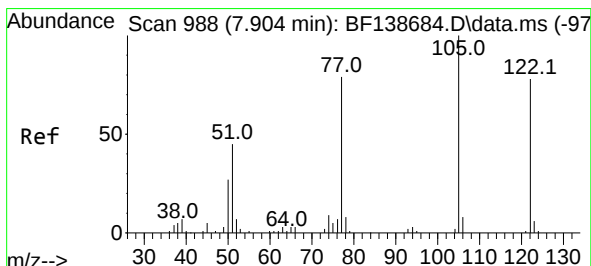
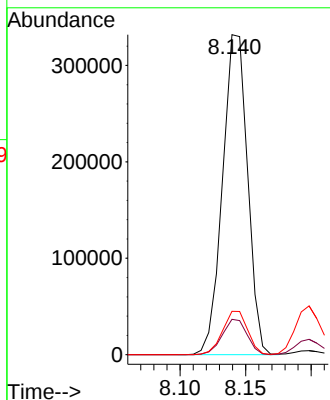
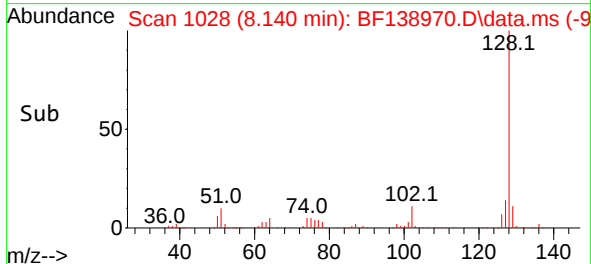
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



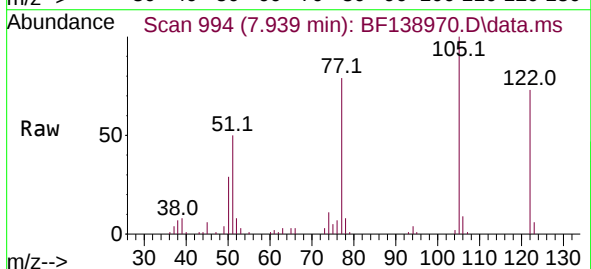
Tgt Ion:128 Resp: 44130
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.5 10.6 16.0

Manual Integrations
APPROVED

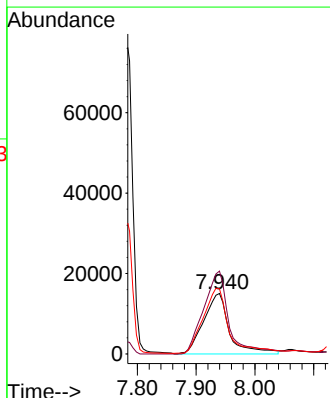
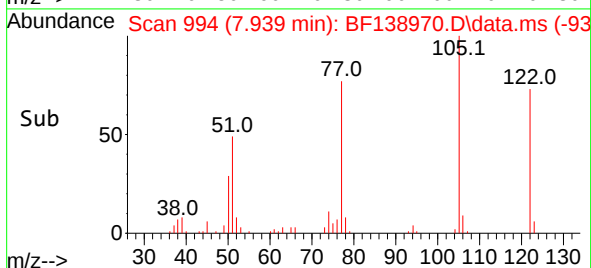
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#32
Benzoic acid
Concen: 38.635 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.035 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47



Tgt Ion:122 Resp: 45963
Ion Ratio Lower Upper
122 100
105 136.9 106.7 146.7
77 107.6 81.1 121.1





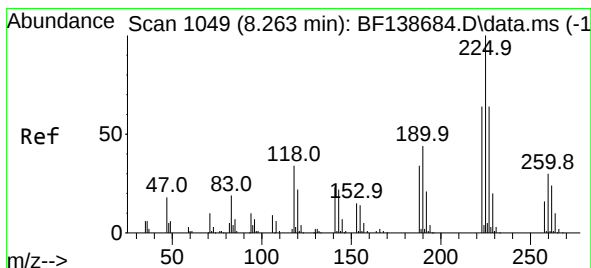
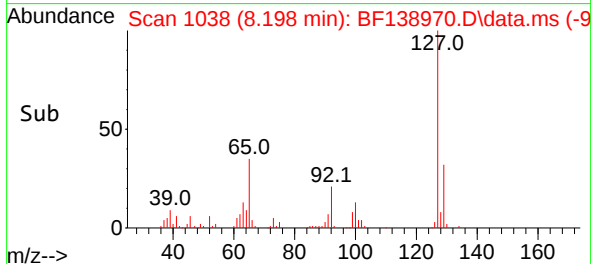
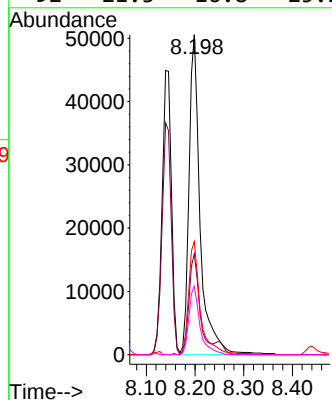
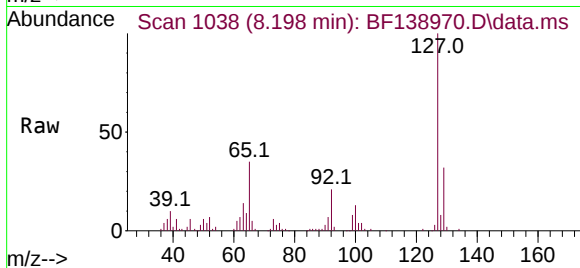
#33
4-Chloroaniline
Concen: 32.319 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS

Tgt Ion:	127	Resp:	8066
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.9	38.9
65	35.4	27.6	41.4
92	21.3	16.8	25.2

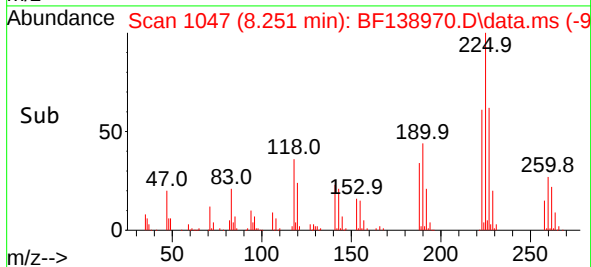
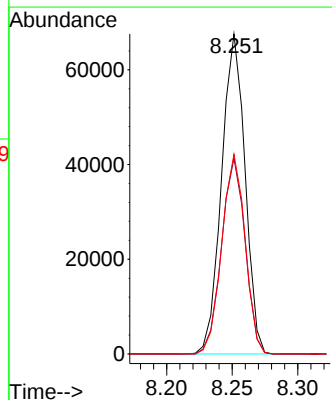
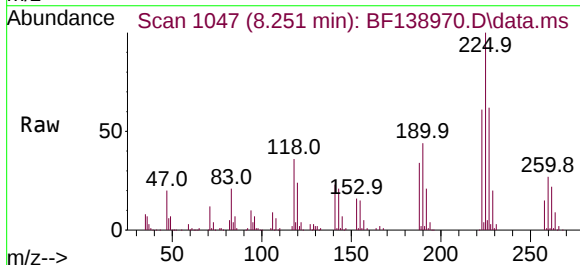
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#34
Hexachlorobutadiene
Concen: 61.759 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

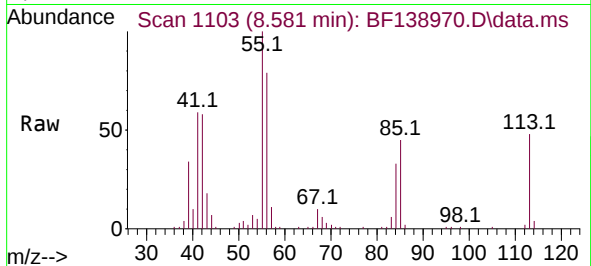
Tgt Ion:	225	Resp:	83953
Ion Ratio	Lower	Upper	
225	100		
223	61.1	51.2	76.8
227	62.4	51.1	76.7





#35
Caprolactam
Concen: 57.928 ng m
RT: 8.581 min Scan# 1103
Delta R.T. 0.012 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

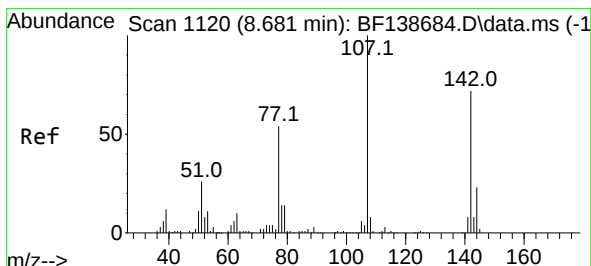
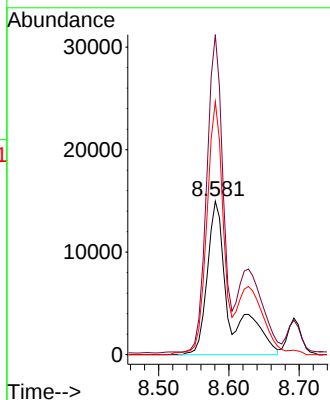
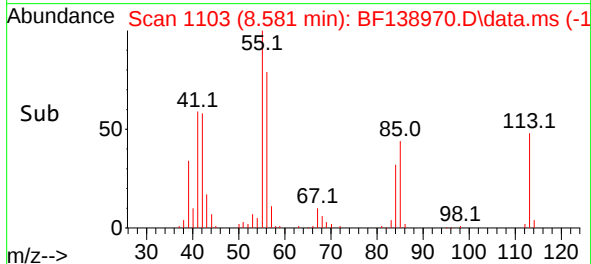
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion:113 Resp: 3361
Ion Ratio Lower Upper
113 100
55 208.6 186.7 226.7
56 164.8 138.9 178.9

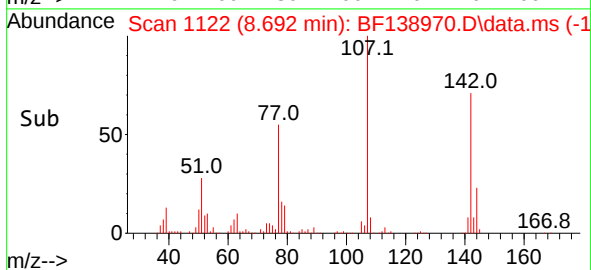
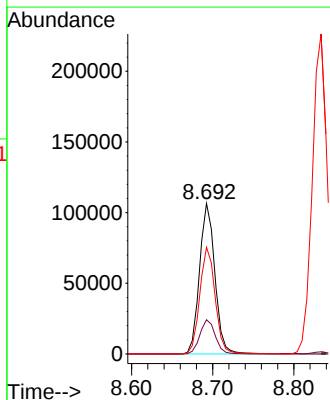
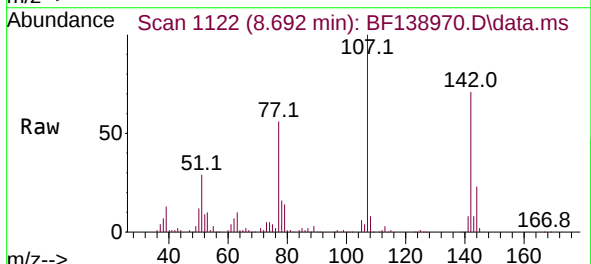
Manual Integrations
APPROVED

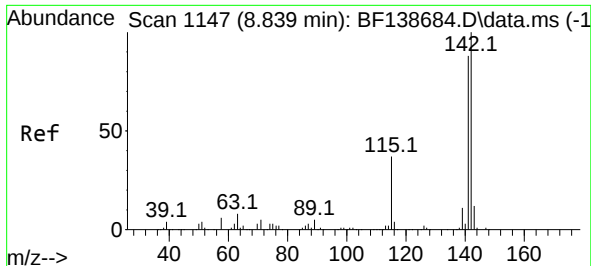
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#36
4-Chloro-3-methylphenol
Concen: 63.117 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

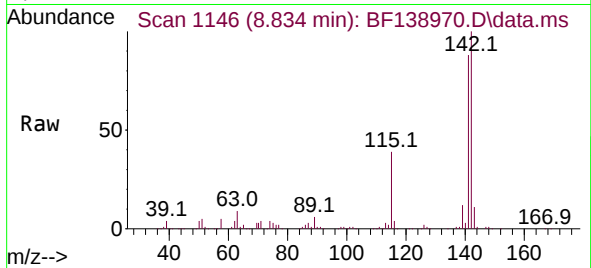
Tgt Ion:107 Resp: 140282
Ion Ratio Lower Upper
107 100
144 22.7 18.2 27.2
142 70.9 57.4 86.2





#37
2-Methylnaphthalene
Concen: 61.360 ng
RT: 8.834 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

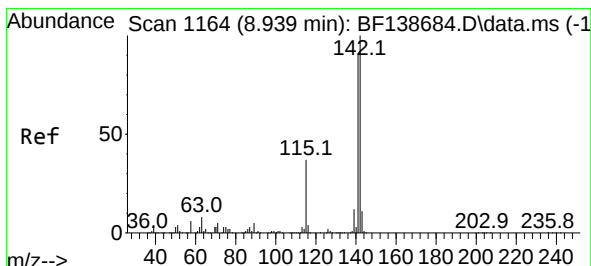
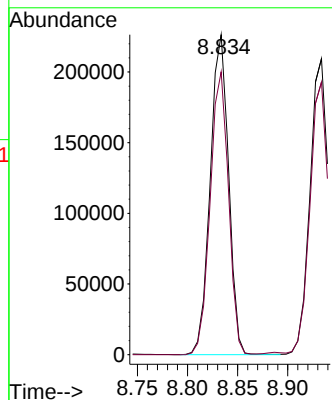
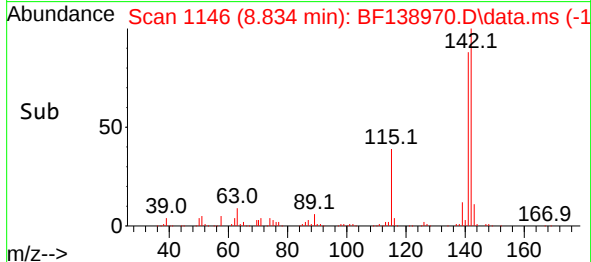
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion:142 Resp: 288150
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2

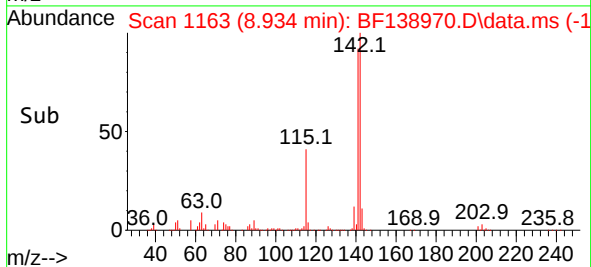
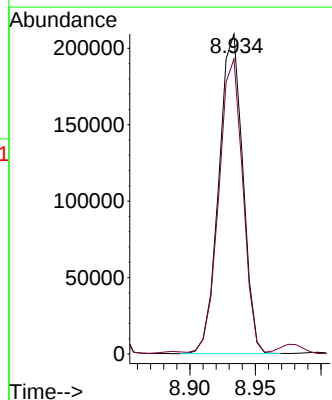
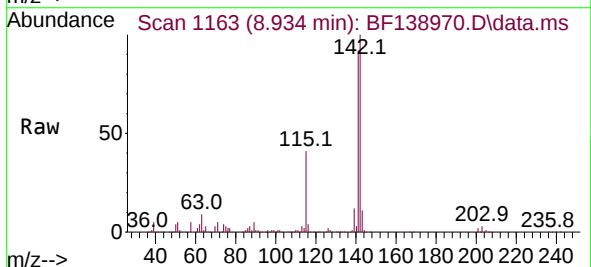
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#38
1-Methylnaphthalene
Concen: 57.766 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

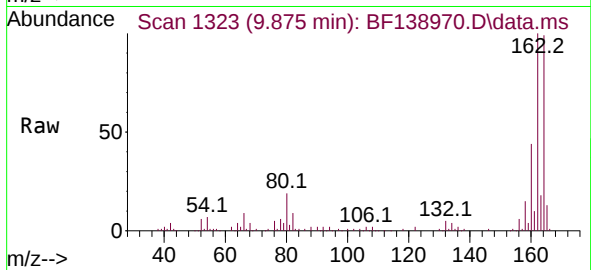
Tgt Ion:142 Resp: 265820
Ion Ratio Lower Upper
142 100
141 92.1 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1174
Delta R.T. -0.005 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

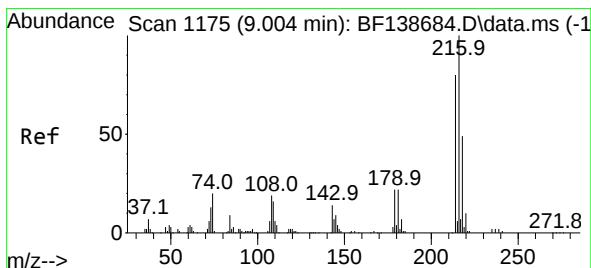
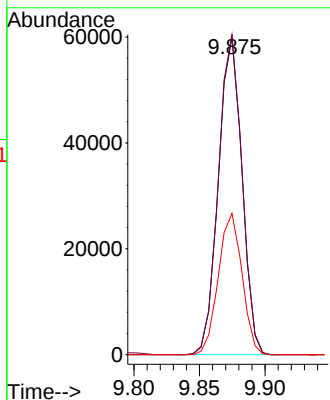
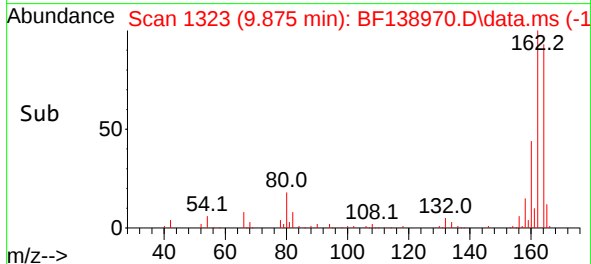
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



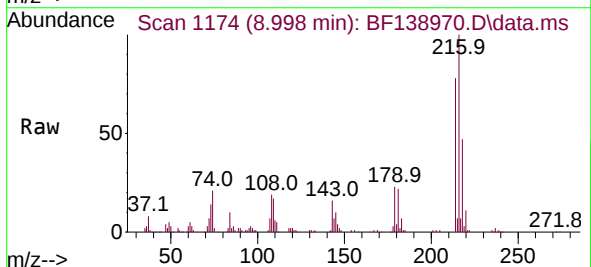
Tgt Ion:164 Resp: 74754
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.0
160 44.6 35.1 52.7

Manual Integrations
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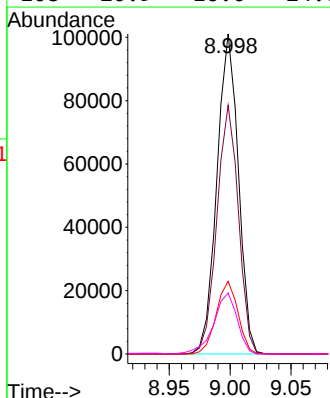
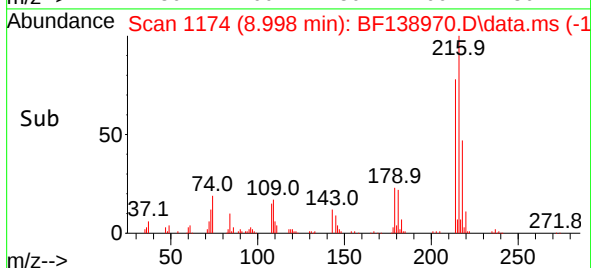
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.786 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47



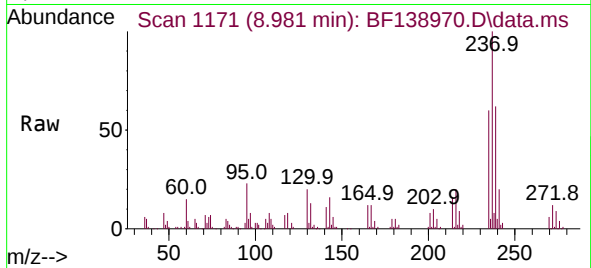
Tgt Ion:216 Resp: 124150
Ion Ratio Lower Upper
216 100
214 77.5 63.9 95.9
179 22.9 17.8 26.6
108 20.9 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 118.581 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

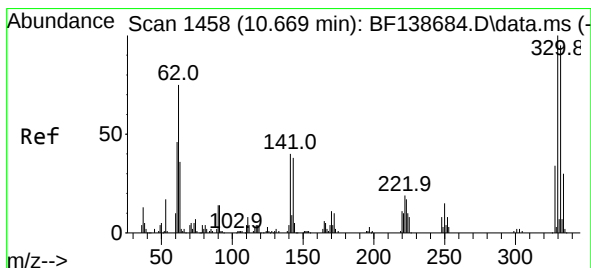
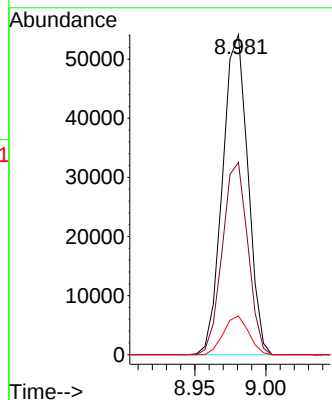
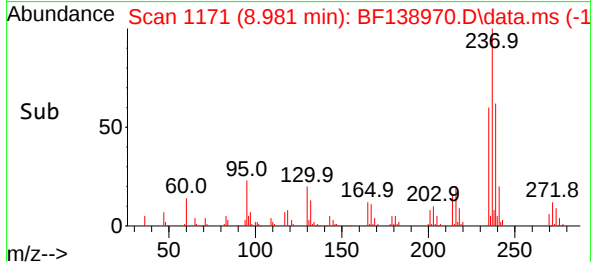
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



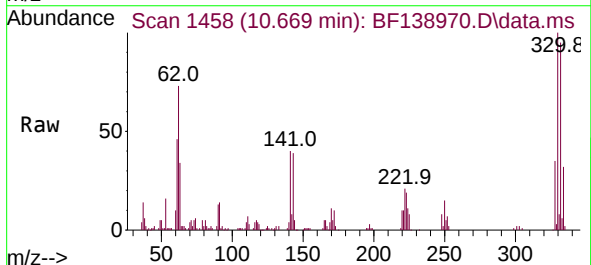
Tgt Ion:237 Resp: 67199
Ion Ratio Lower Upper
237 100
235 60.1 41.8 81.8
272 12.1 0.0 32.2

Manual Integrations
APPROVED

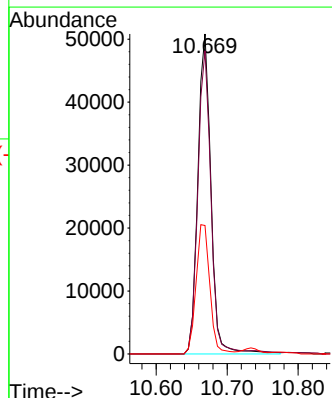
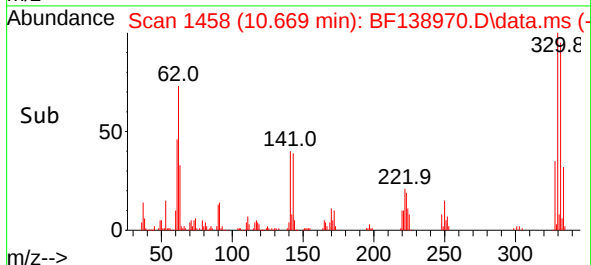
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#42
2,4,6-Tribromophenol
Concen: 107.201 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47



Tgt Ion:330 Resp: 65643
Ion Ratio Lower Upper
330 100
332 93.9 76.4 114.6
141 42.3 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 61.645 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138970.D

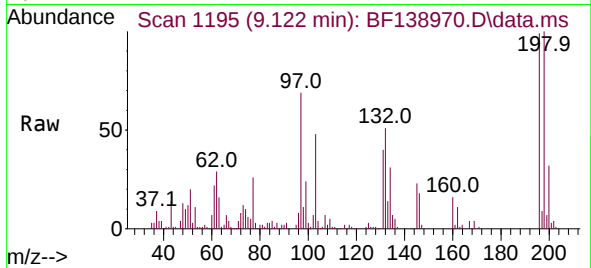
Acq: 13 Aug 2024 12:47

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MS



Tgt Ion:196 Resp: 78049

Ion Ratio Lower Upper

196 100

198 101.0 80.5 120.7

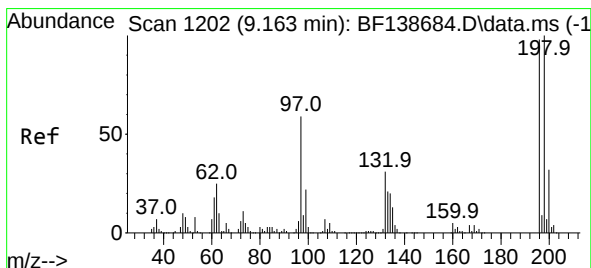
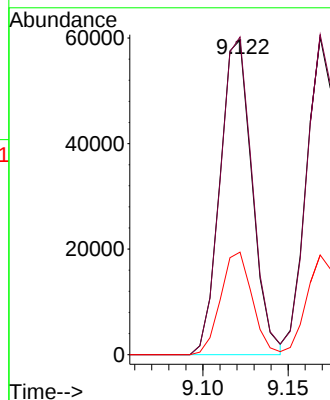
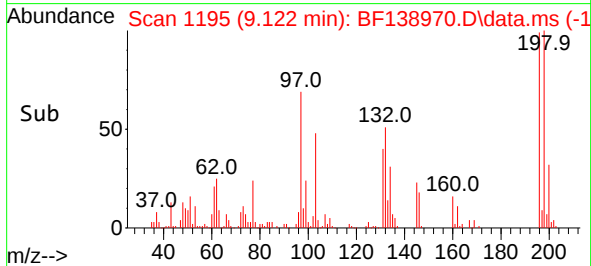
200 32.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#44

2,4,5-Trichlorophenol

Concen: 59.549 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF138970.D

Acq: 13 Aug 2024 12:47

Tgt Ion:196 Resp: 82424

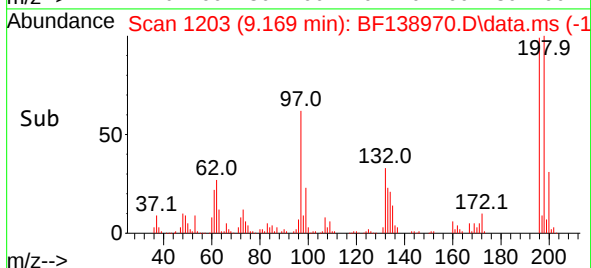
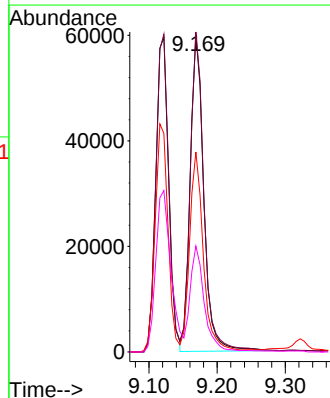
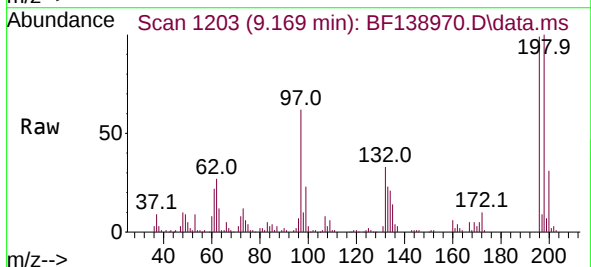
Ion Ratio Lower Upper

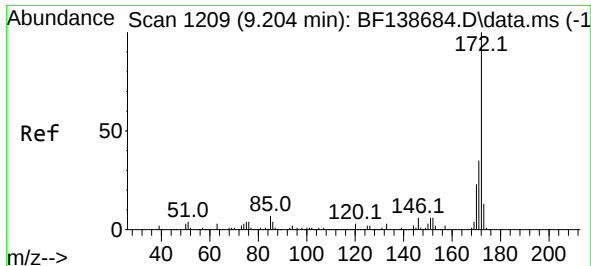
196 100

198 100.8 81.2 121.8

97 63.0 47.8 71.6

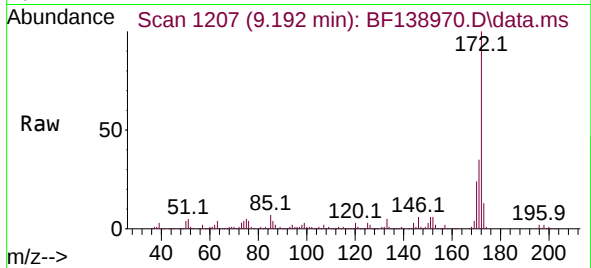
132 33.4 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 66.547 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

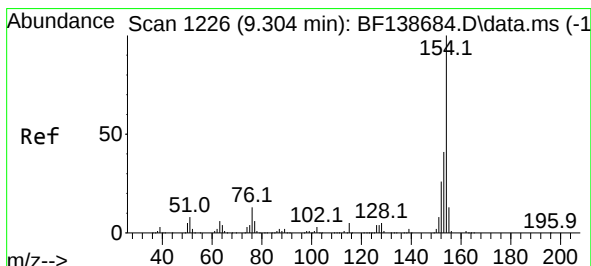
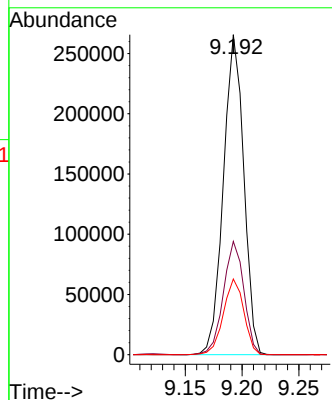
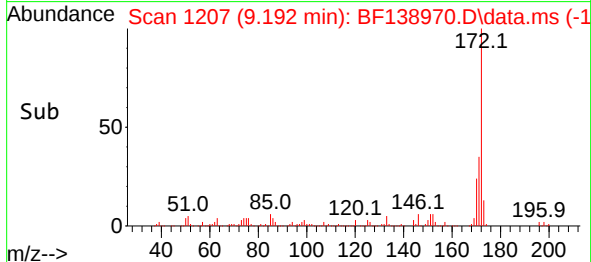
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



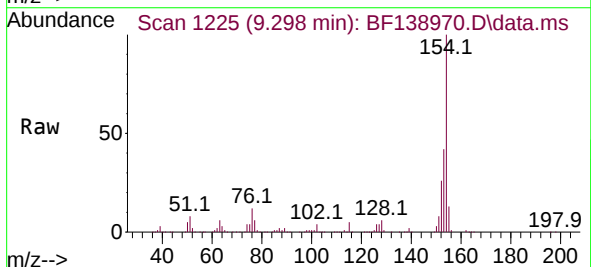
Tgt Ion:172 Resp: 33109
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.7 18.8 28.2

Manual Integrations
APPROVED

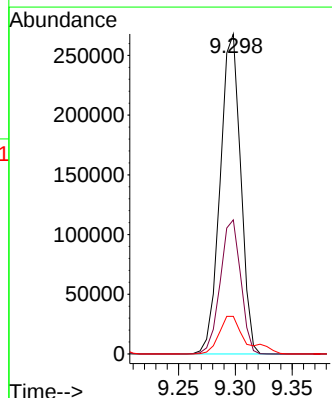
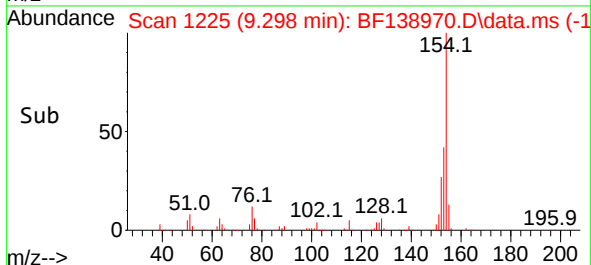
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#46
1,1'-Biphenyl
Concen: 57.578 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47



Tgt Ion:154 Resp: 337098
Ion Ratio Lower Upper
154 100
153 41.9 20.8 60.8
76 11.7 0.0 32.8





#47

2-Chloronaphthalene

Concen: 61.187 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF138970.D

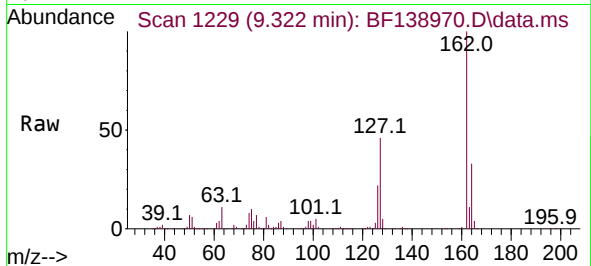
Acq: 13 Aug 2024 12:47

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MS



Tgt Ion:162 Resp: 26642

Ion Ratio Lower Upper

162 100

127 45.6 35.4 53.2

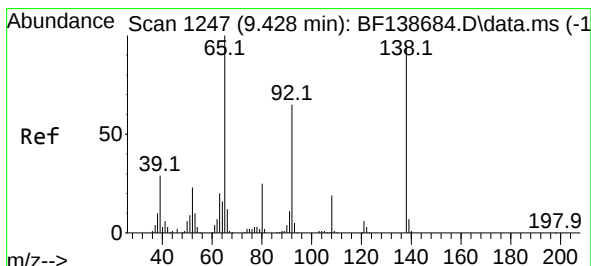
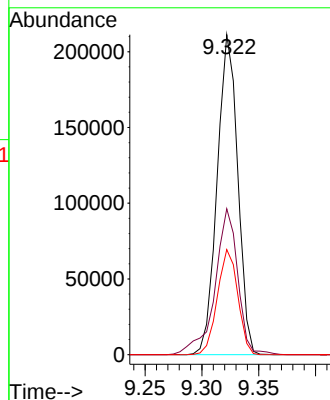
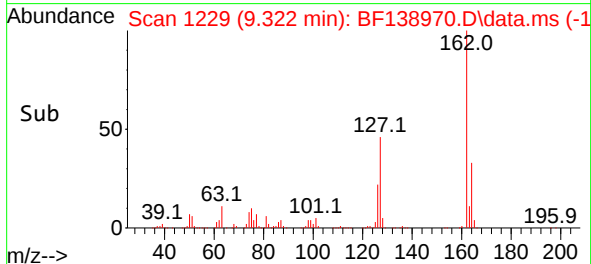
164 32.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#48

2-Nitroaniline

Concen: 66.445 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF138970.D

Acq: 13 Aug 2024 12:47

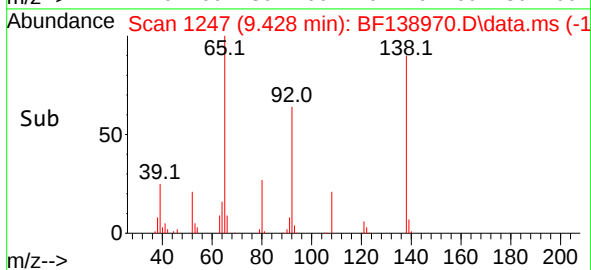
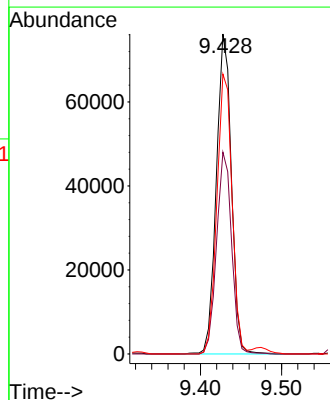
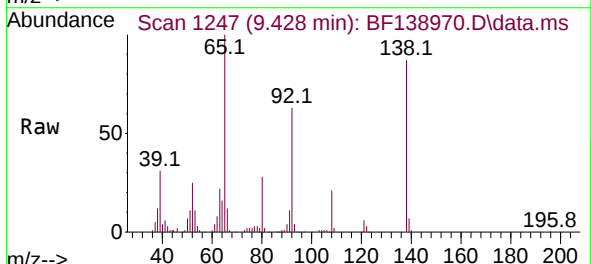
Tgt Ion: 65 Resp: 98082

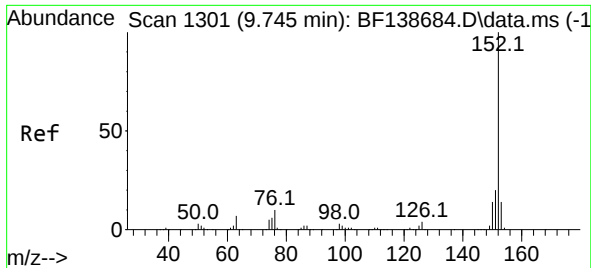
Ion Ratio Lower Upper

65 100

92 63.1 52.0 78.0

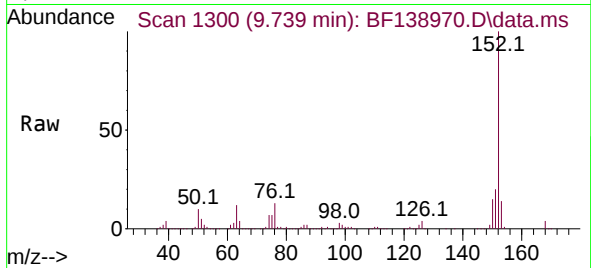
138 87.4 76.2 114.4





#49
Acenaphthylene
Concen: 66.932 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

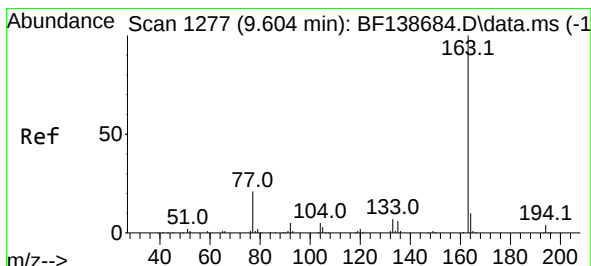
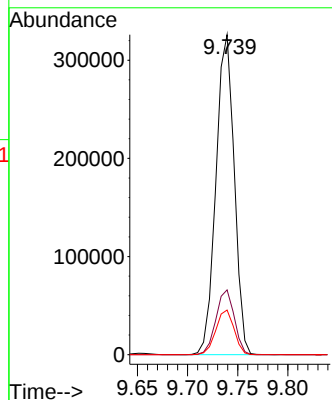
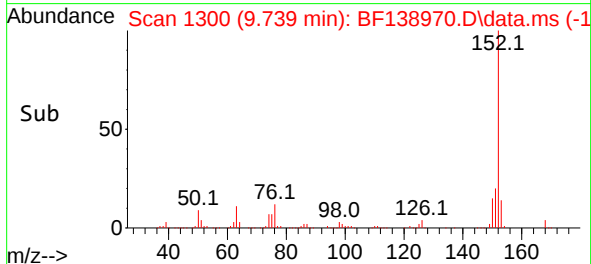
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



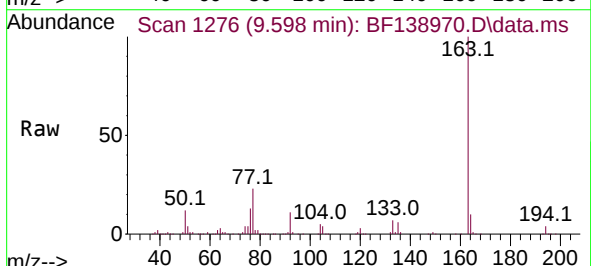
Tgt Ion:152 Resp: 41334
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.9 11.0 16.4

Manual Integrations
APPROVED

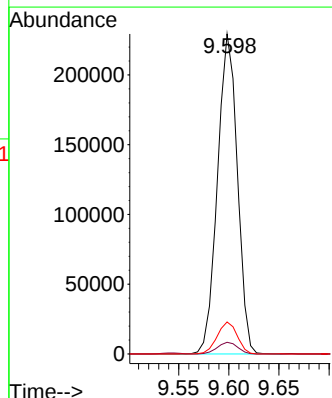
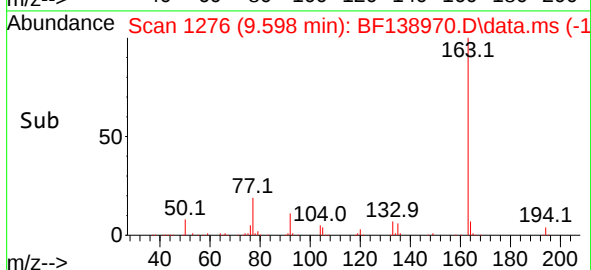
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

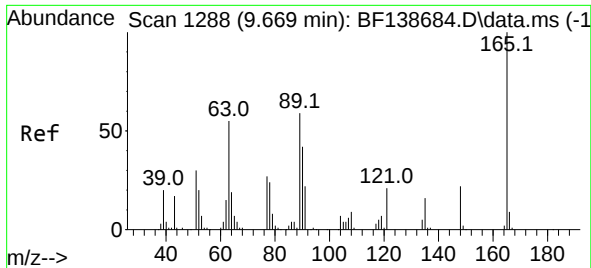


#50
Dimethylphthalate
Concen: 66.112 ng
RT: 9.598 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47



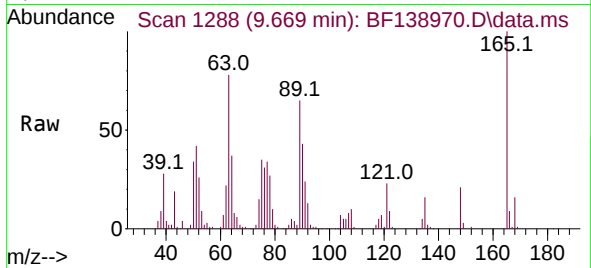
Tgt Ion:163 Resp: 316006
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.0 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 63.242 ng
RT: 9.669 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

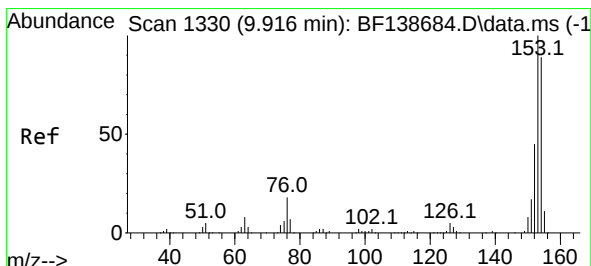
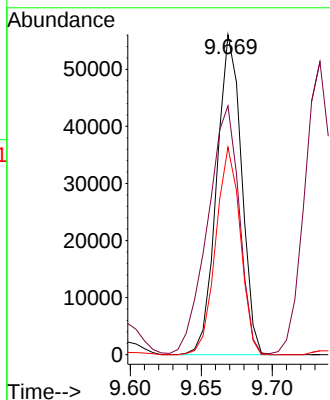
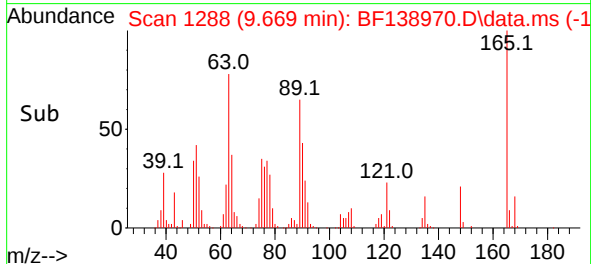
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



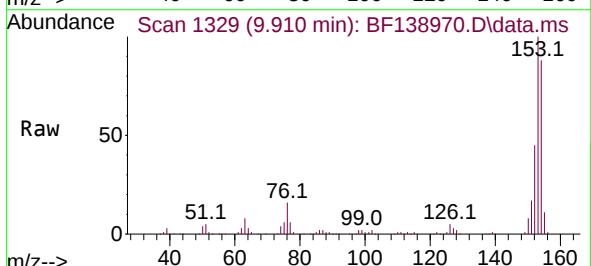
Tgt Ion:165 Resp: 6822
Ion Ratio Lower Upper
165 100
63 77.7 52.0 78.0
89 64.8 47.0 70.6

Manual Integrations
APPROVED

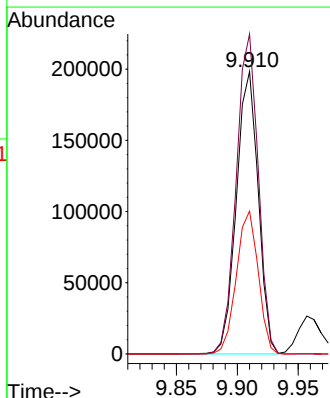
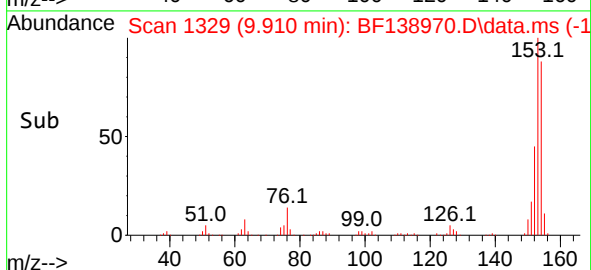
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

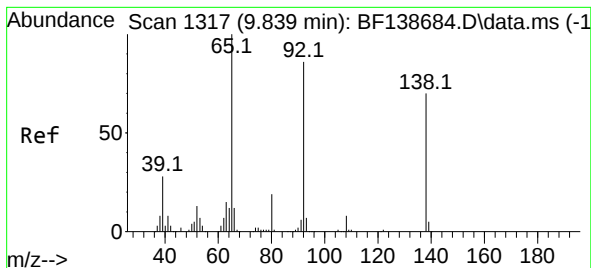


#52
Acenaphthene
Concen: 59.740 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47



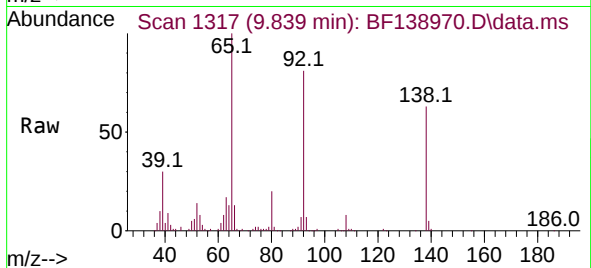
Tgt Ion:154 Resp: 248002
Ion Ratio Lower Upper
154 100
153 113.3 89.9 134.9
152 50.6 40.6 60.8





#53
3-Nitroaniline
Concen: 42.946 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

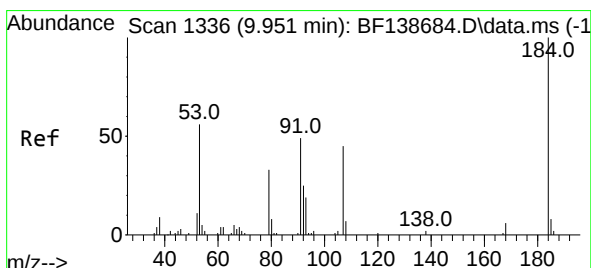
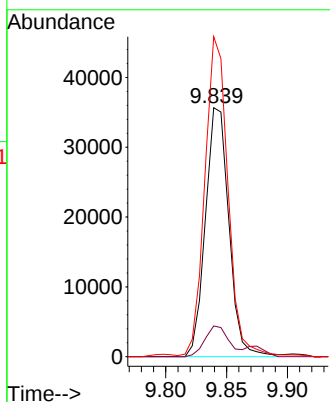
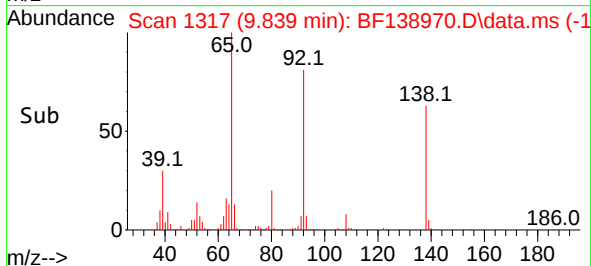
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion:138 Resp: 47892
Ion Ratio Lower Upper
138 100
108 12.3 9.1 13.7
92 128.6 98.7 148.1

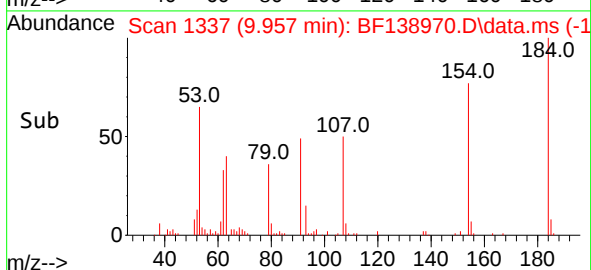
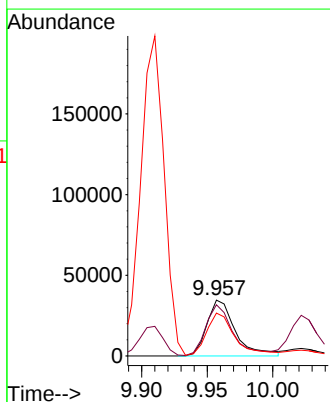
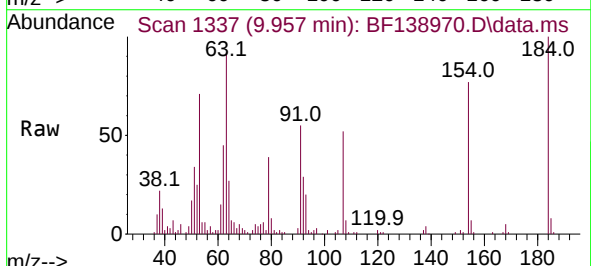
Manual Integrations
APPROVED

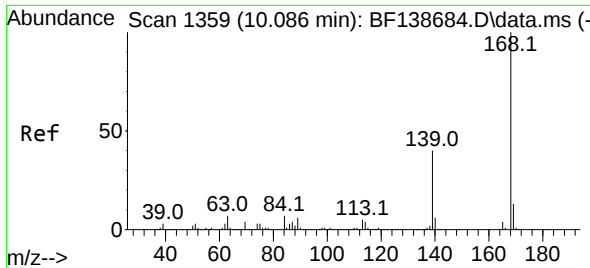
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#54
2,4-Dinitrophenol
Concen: 105.443 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

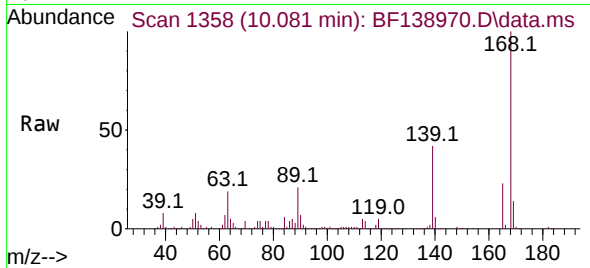
Tgt Ion:184 Resp: 52360
Ion Ratio Lower Upper
184 100
63 91.5 57.5 86.3#
154 76.8 51.7 77.5





#55
Dibenzofuran
Concen: 63.851 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

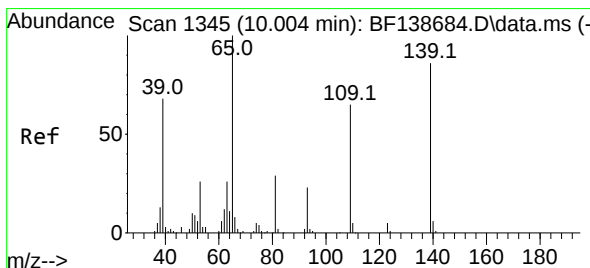
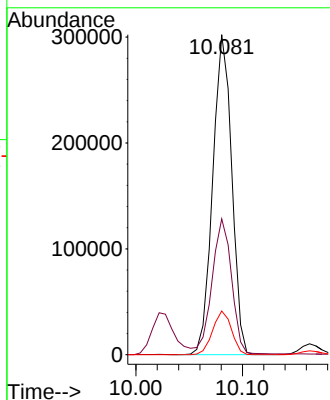
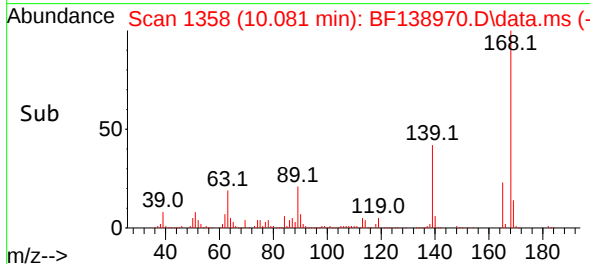
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion:168 Resp: 374170
Ion Ratio Lower Upper
168 100
139 42.5 32.6 49.0
169 13.6 10.7 16.1

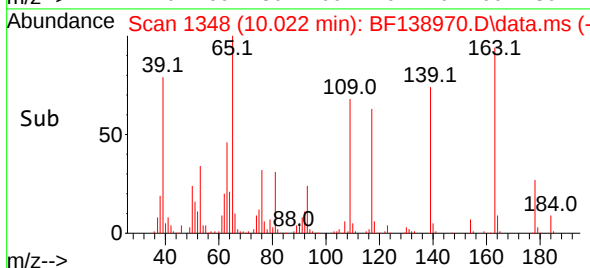
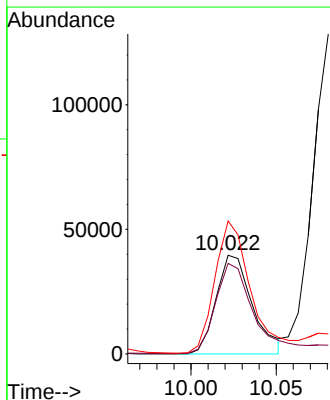
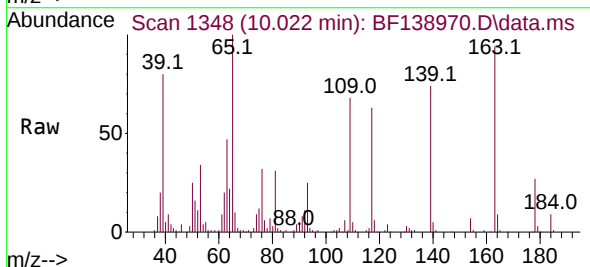
Manual Integrations
APPROVED

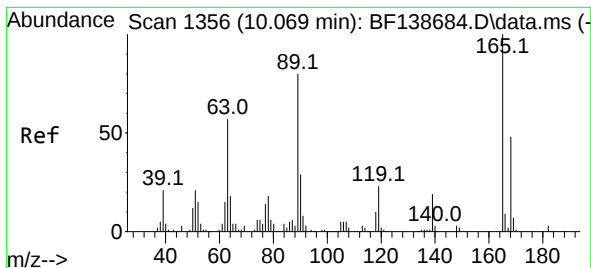
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#56
4-Nitrophenol
Concen: 87.333 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

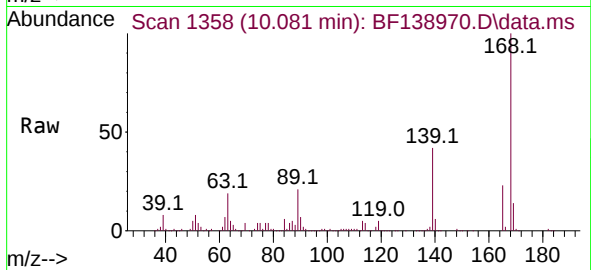
Tgt Ion:139 Resp: 58566
Ion Ratio Lower Upper
139 100
109 91.7 55.5 95.5
65 134.6 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 64.291 ng
RT: 10.081 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

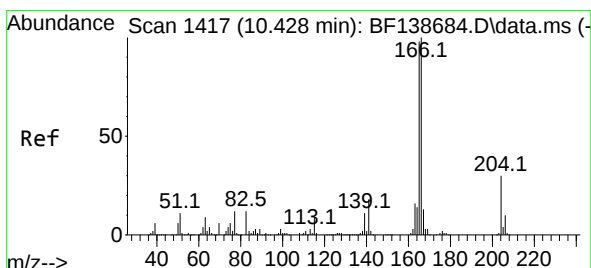
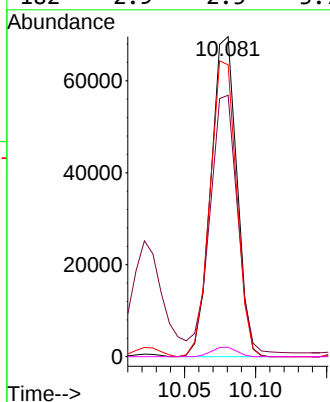
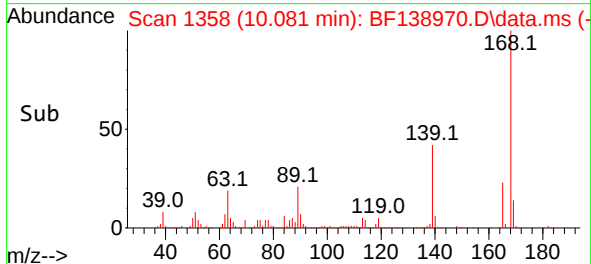
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



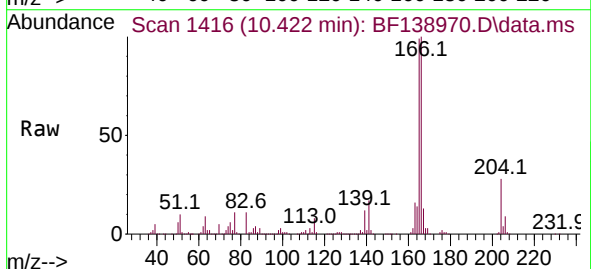
Tgt Ion:165 Resp: 8848
Ion Ratio Lower Upper
165 100
63 81.7 46.3 69.5
89 91.2 64.2 96.4
182 2.9 2.5 3.7

Manual Integrations
APPROVED

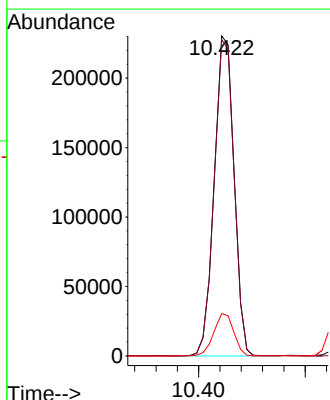
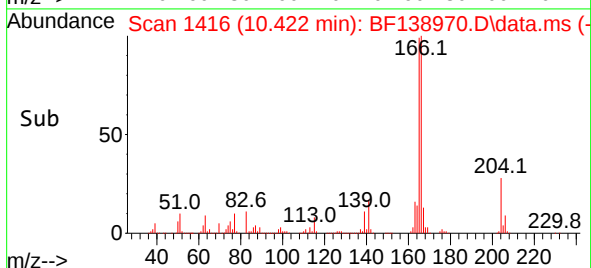
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#58
Fluorene
Concen: 63.724 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47



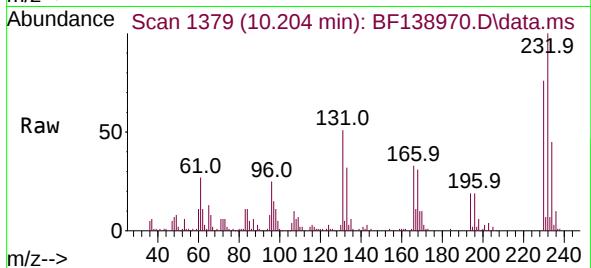
Tgt Ion:166 Resp: 297374
Ion Ratio Lower Upper
166 100
165 98.8 78.4 117.6
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 61.139 ng
RT: 10.204 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

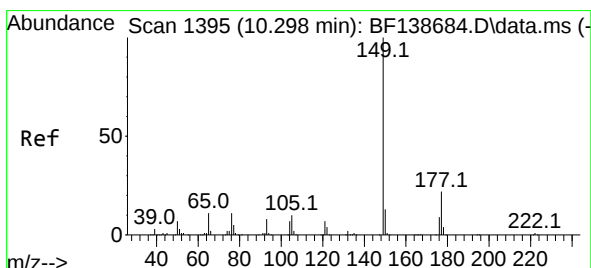
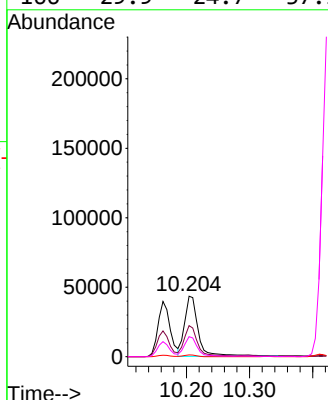
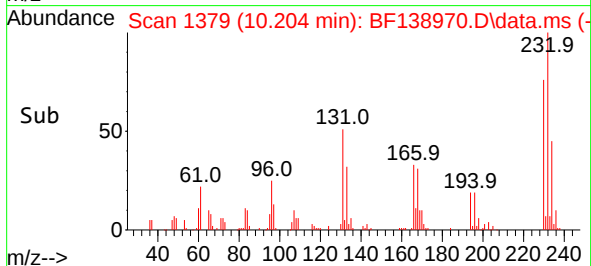
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion:232 Resp: 6469
Ion Ratio Lower Upper
232 100
131 50.4 37.0 55.4
130 2.6 2.0 3.0
166 29.9 24.7 37.1

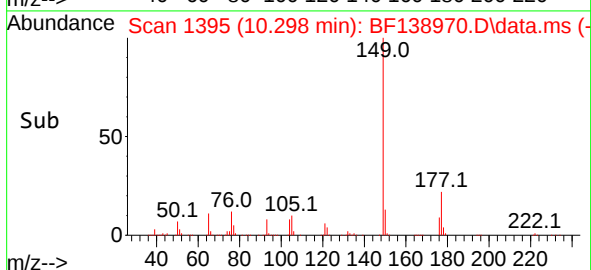
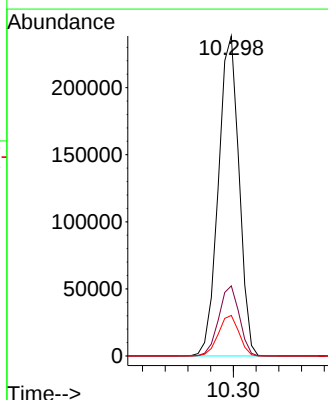
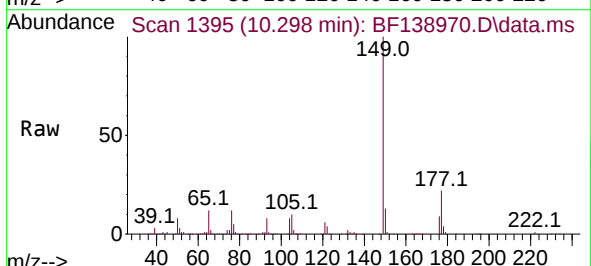
Manual Integrations
APPROVED

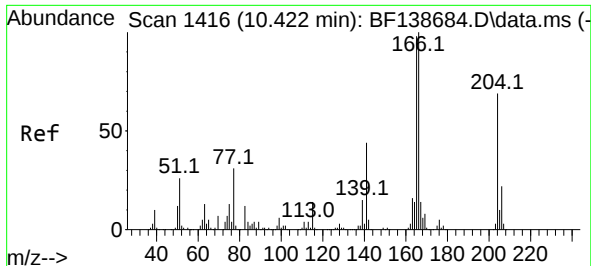
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#60
Diethylphthalate
Concen: 66.439 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

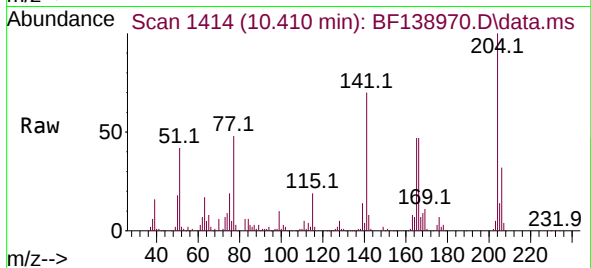
Tgt Ion:149 Resp: 301109
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.8
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 64.075 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

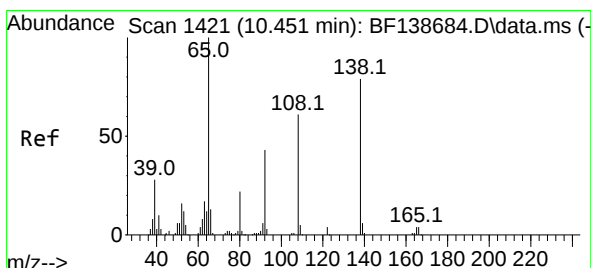
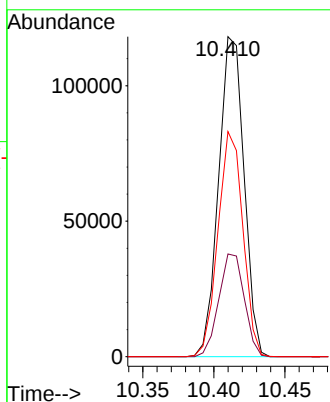
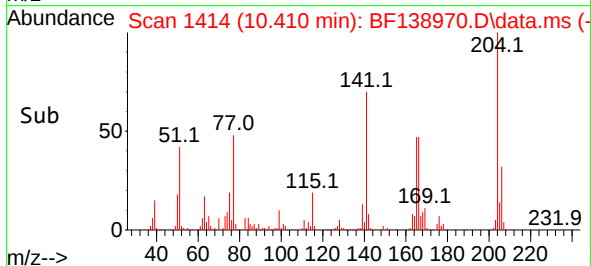
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion:204 Resp: 147060
Ion Ratio Lower Upper
204 100
206 32.1 26.1 39.1
141 70.3 51.4 77.0

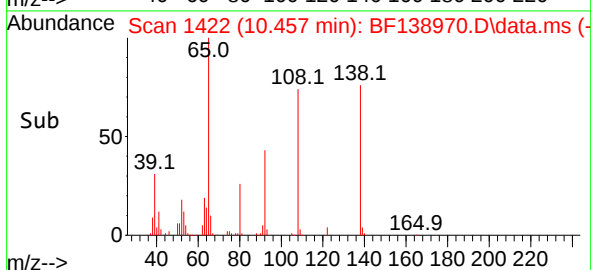
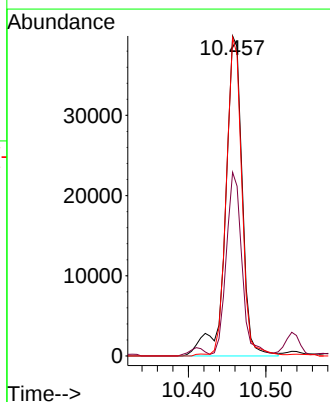
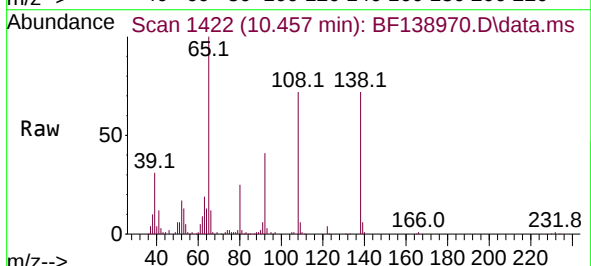
Manual Integrations
APPROVED

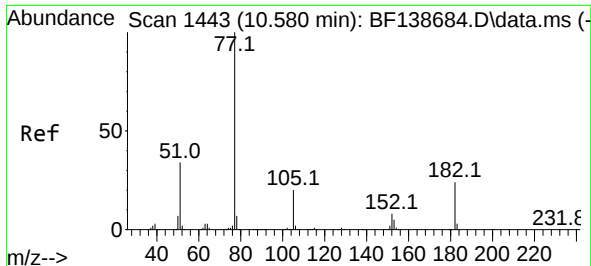
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#62
4-Nitroaniline
Concen: 56.684 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

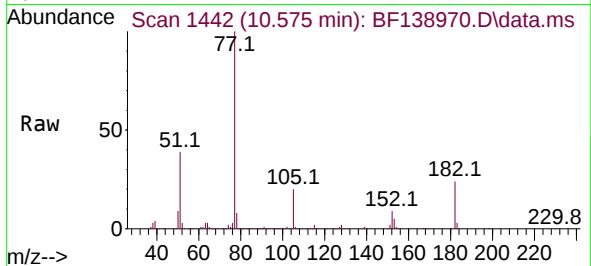
Tgt Ion:138 Resp: 60071
Ion Ratio Lower Upper
138 100
92 57.4 34.2 74.2
108 99.5 56.2 96.2#





#63
Azobenzene
Concen: 62.533 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

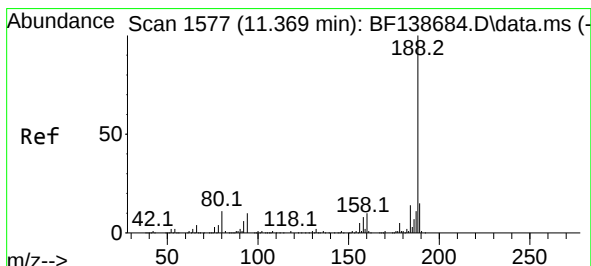
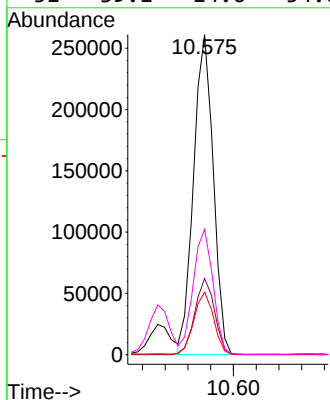
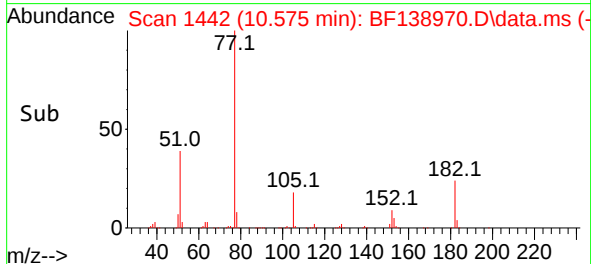
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



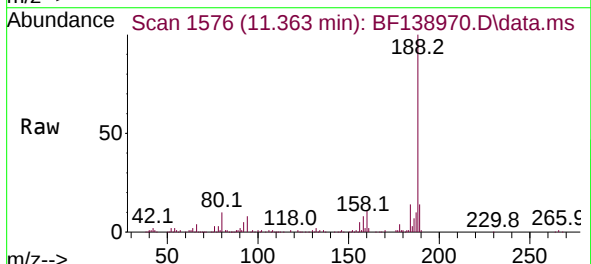
Tgt Ion: 77 Resp: 31432
Ion Ratio Lower Upper
77 100
182 23.8 3.4 43.4
105 19.6 0.2 40.2
51 39.1 14.6 54.6

Manual Integrations
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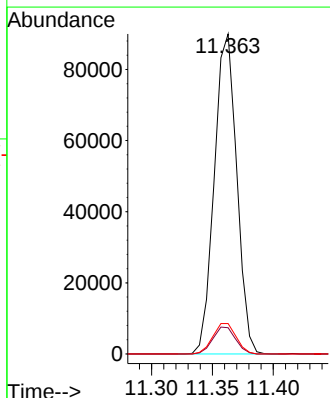
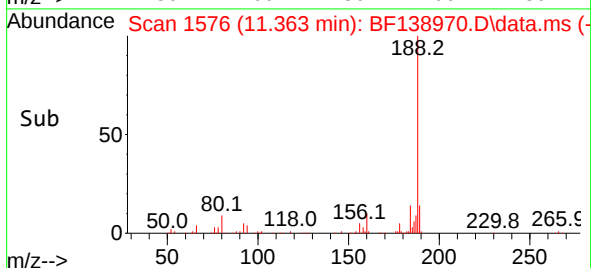
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

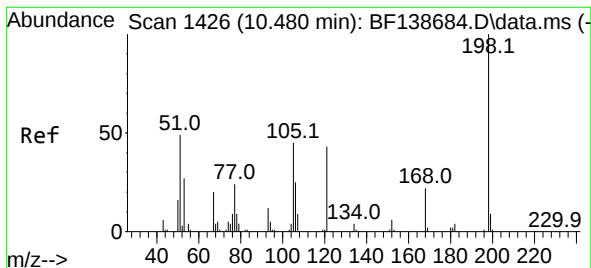


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47



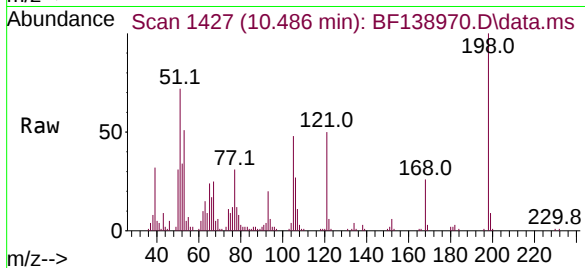
Tgt Ion:188 Resp: 115514
Ion Ratio Lower Upper
188 100
94 8.2 7.6 11.4
80 9.5 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 63.442 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

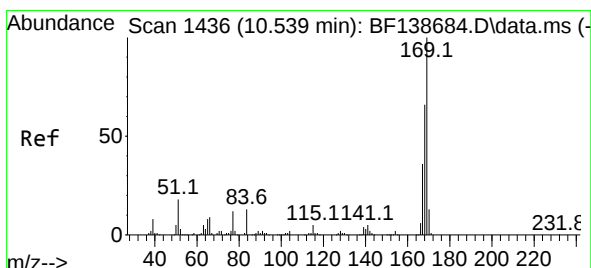
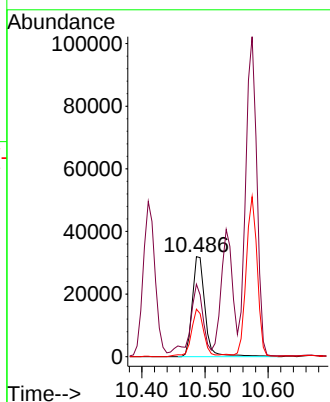
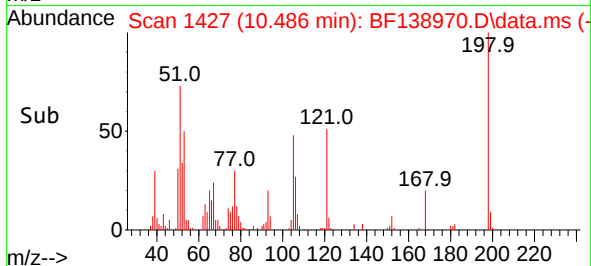
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



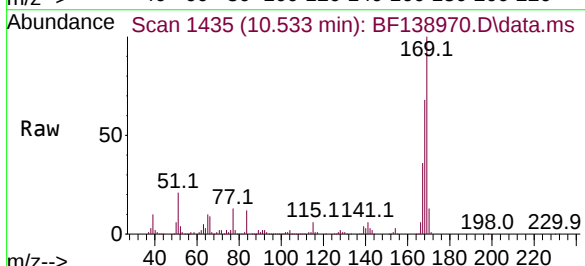
Tgt Ion:198 Resp: 44710
Ion Ratio Lower Upper
198 100
51 72.5 39.9 79.9
105 47.5 26.1 66.1

Manual Integrations
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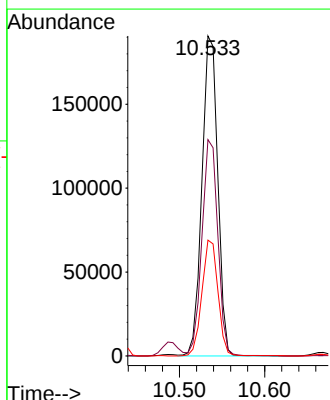
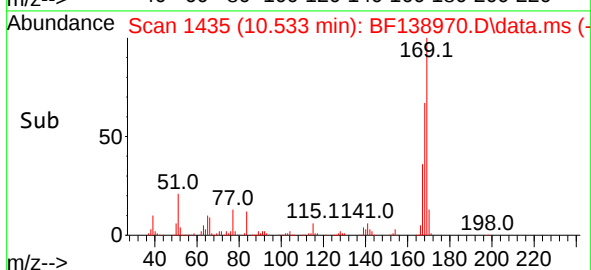
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#66
n-Nitrosodiphenylamine
Concen: 68.061 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47



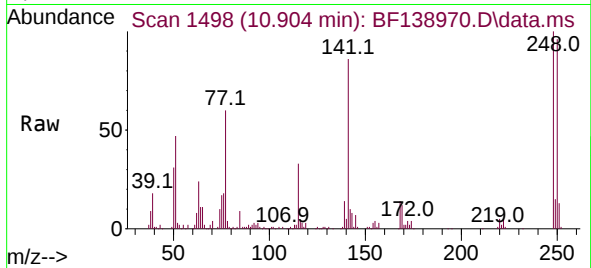
Tgt Ion:169 Resp: 245748
Ion Ratio Lower Upper
169 100
168 67.6 53.0 79.6
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 66.013 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

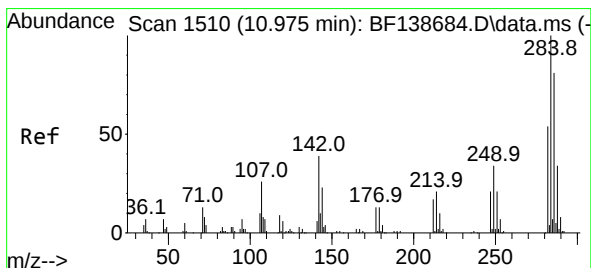
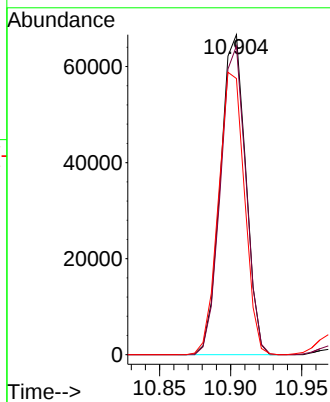
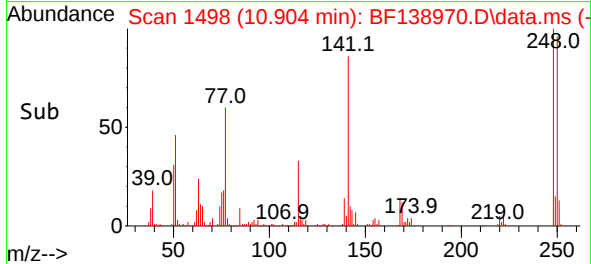
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion:248 Resp: 82560
Ion Ratio Lower Upper
248 100
250 96.5 77.7 116.5
141 86.3 68.0 102.0

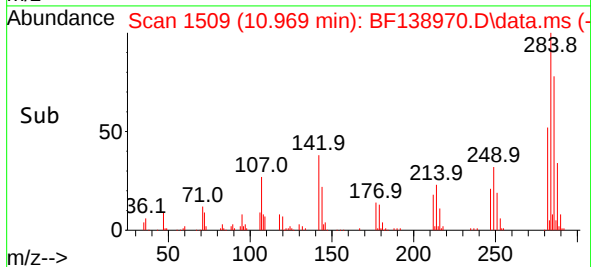
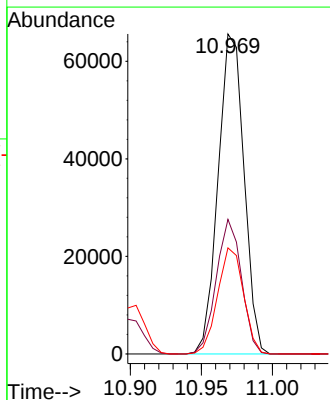
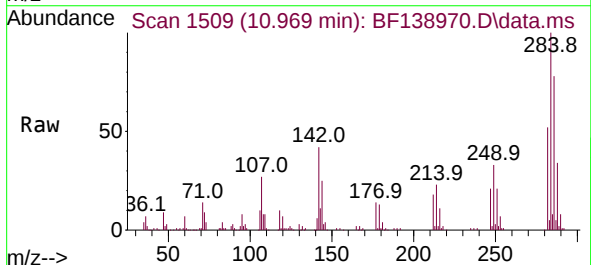
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#68
Hexachlorobenzene
Concen: 64.395 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

Tgt Ion:284 Resp: 83154
Ion Ratio Lower Upper
284 100
142 42.1 31.3 46.9
249 33.1 27.2 40.8





#69

Atrazine

Concen: 73.548 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF138970.D

Acq: 13 Aug 2024 12:47

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MS

Tgt Ion:200 Resp: 6851

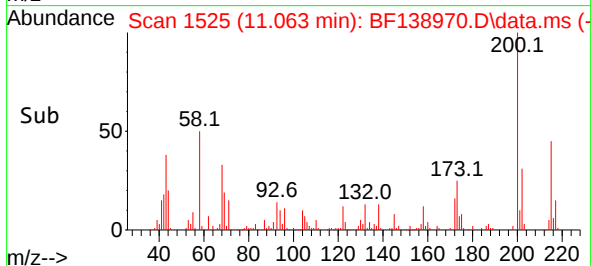
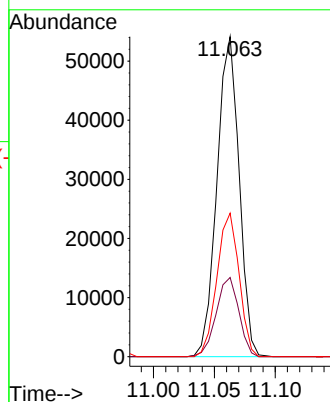
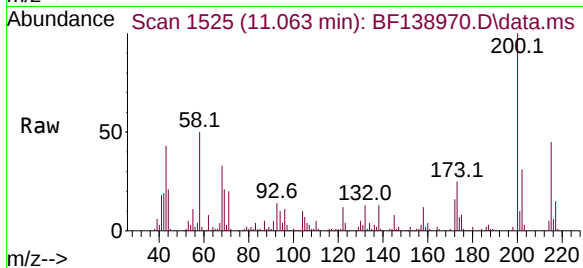
Ion	Ratio	Lower	Upper
200	100		
173	24.8	6.0	46.0
215	44.8	26.1	66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#70

Pentachlorophenol

Concen: 83.790 ng

RT: 11.175 min Scan# 1544

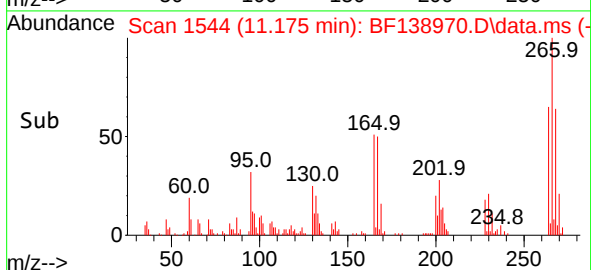
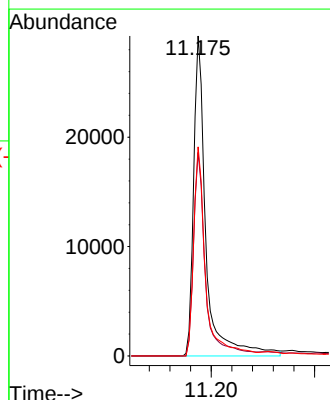
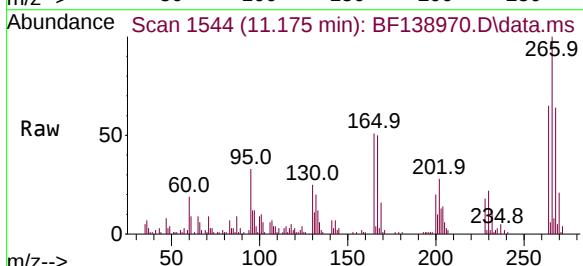
Delta R.T. -0.000 min

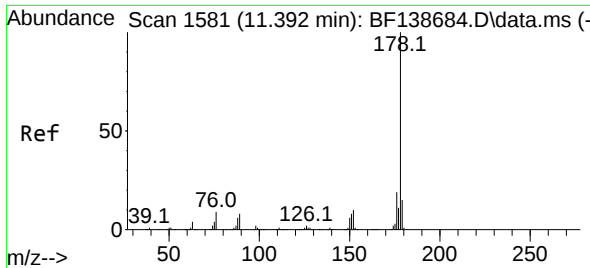
Lab File: BF138970.D

Acq: 13 Aug 2024 12:47

Tgt Ion:266 Resp: 48770

Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.2	73.8
264	65.3	49.8	74.6





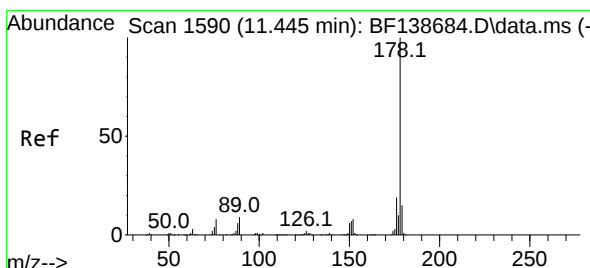
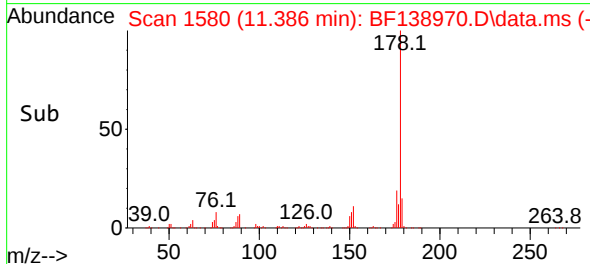
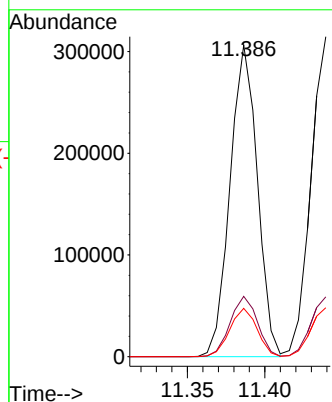
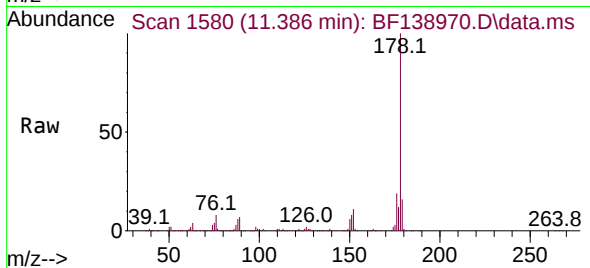
#71
Phenanthrene
Concen: 63.106 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS

Tgt Ion:178 Resp: 37535
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.5 12.2 18.2

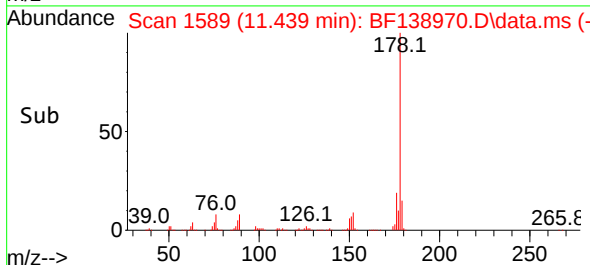
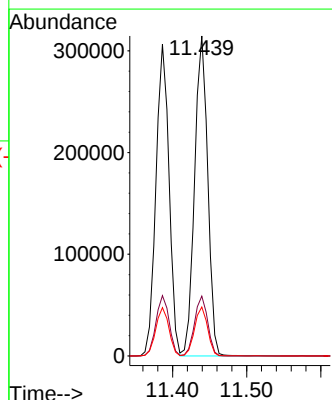
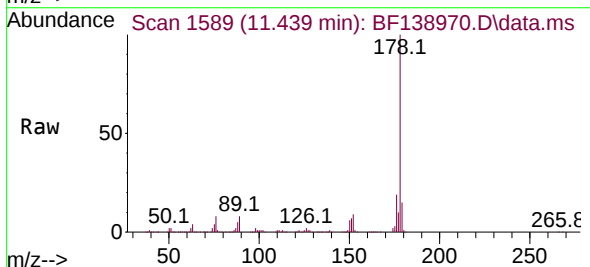
Manual Integrations
APPROVED

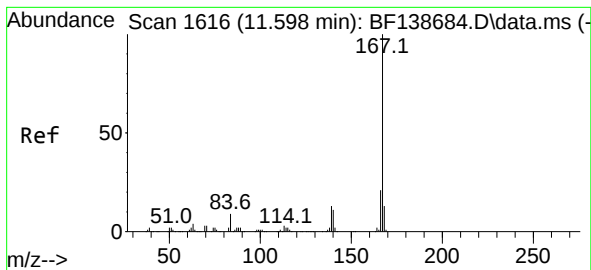
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#72
Anthracene
Concen: 66.019 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

Tgt Ion:178 Resp: 386848
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.3 12.4 18.6





#73

Carbazole

Concen: 60.164 ng

RT: 11.598 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BF138970.D

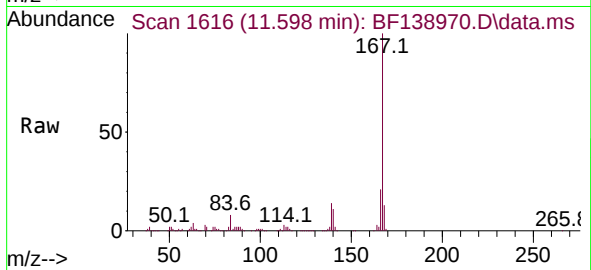
Acq: 13 Aug 2024 12:47

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MS



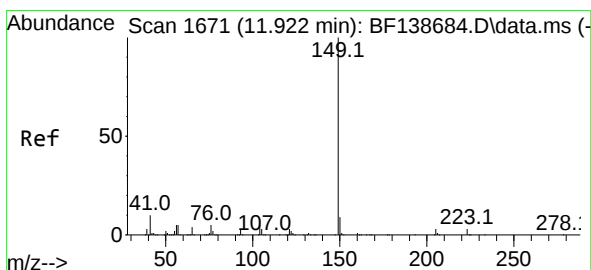
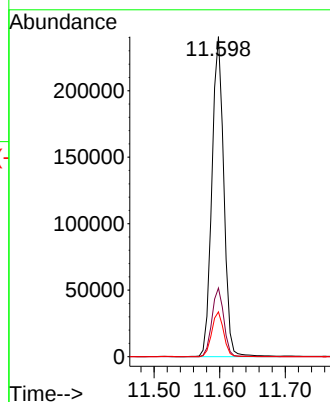
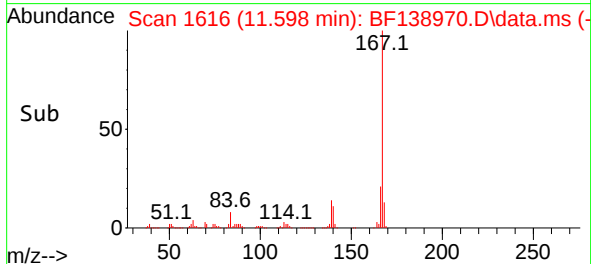
Tgt Ion:	167	Resp:	304154
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.2	25.8
139	14.0	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#74

Di-n-butylphthalate

Concen: 69.873 ng

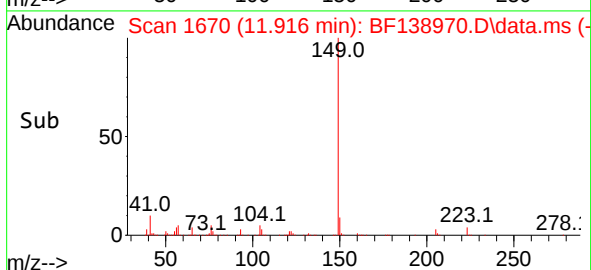
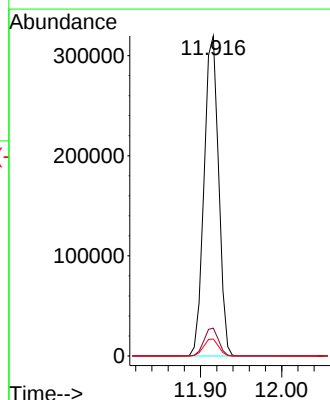
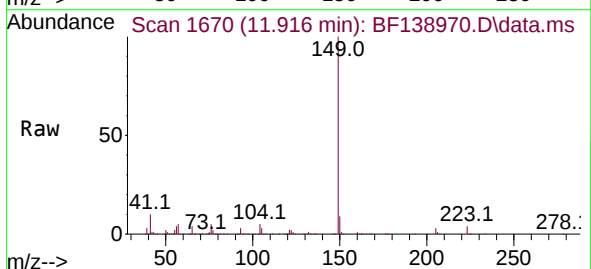
RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF138970.D

Acq: 13 Aug 2024 12:47

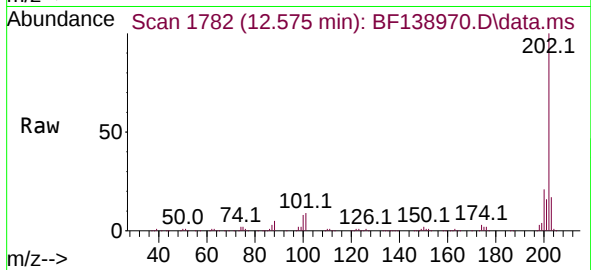
Tgt Ion:	149	Resp:	397093
Ion Ratio	Lower	Upper	
149	100		
150	8.7	7.4	11.0
104	5.3	4.1	6.1





#75
Fluoranthene
Concen: 58.896 ng
RT: 12.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

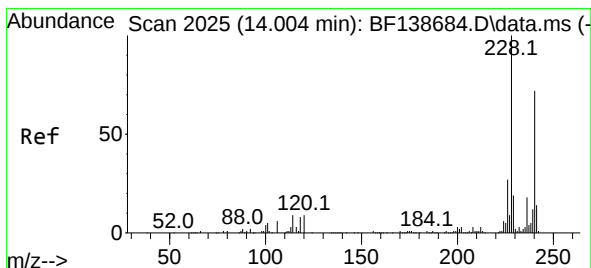
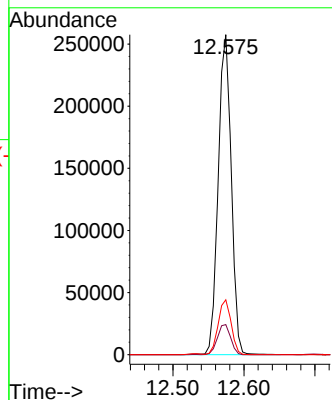
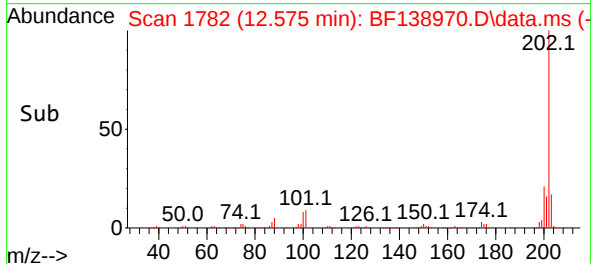
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion:202 Resp: 327040
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.2
203 17.2 0.0 37.3

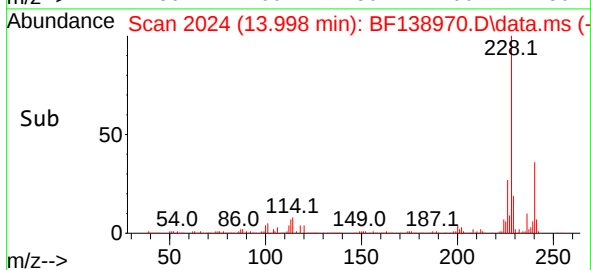
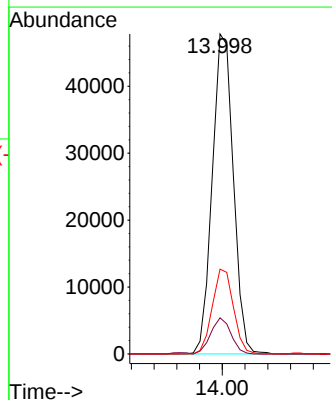
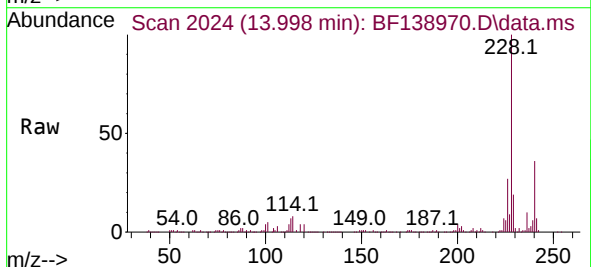
Manual Integrations
APPROVED

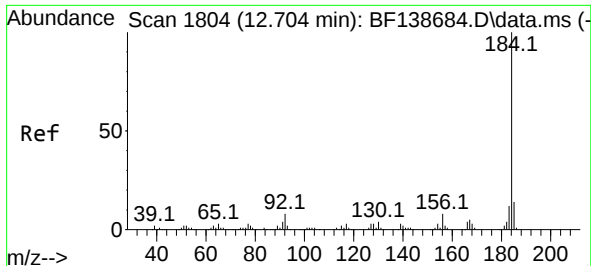
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

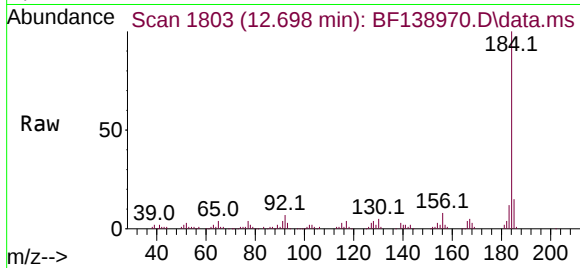
Tgt Ion:240 Resp: 61599
Ion Ratio Lower Upper
240 100
120 11.3 10.2 15.4
236 26.5 19.8 29.8





#77
Benzidine
Concen: 53.185 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

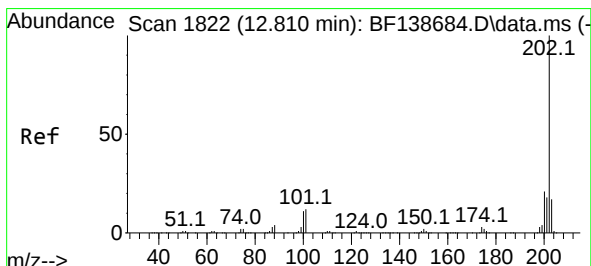
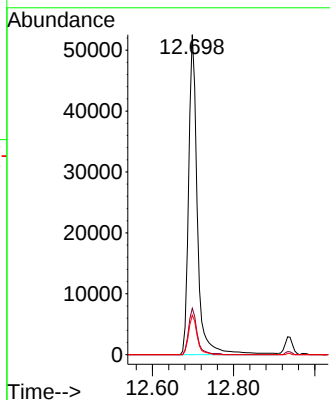
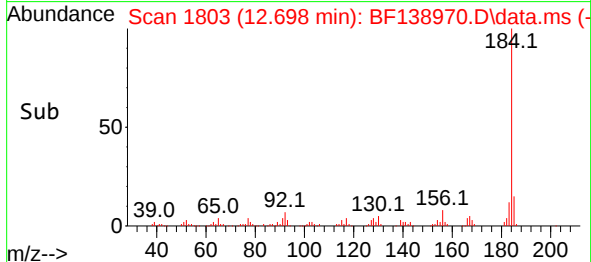
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion:184 Resp: 78359
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 12.4 9.6 14.4

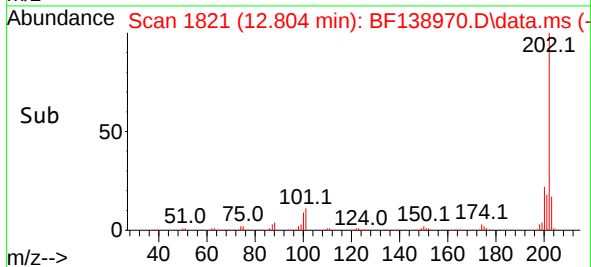
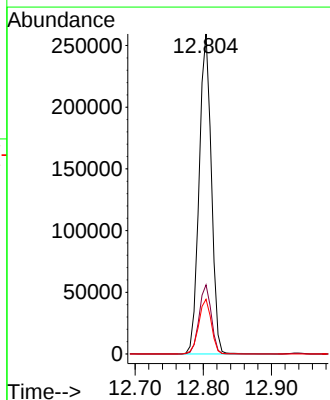
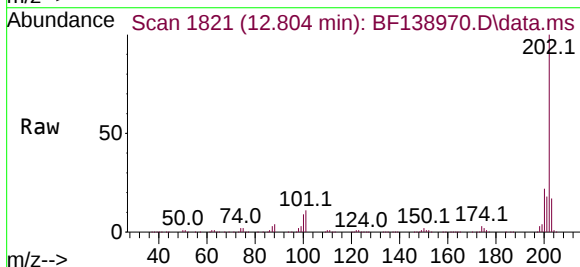
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#78
Pyrene
Concen: 55.624 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

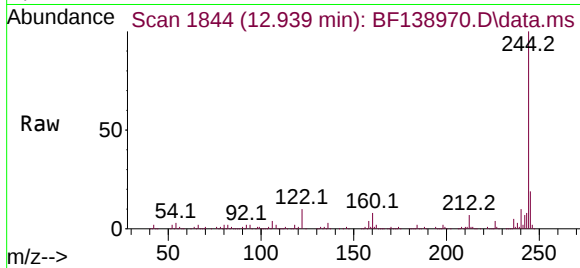
Tgt Ion:202 Resp: 322604
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 17.1 13.8 20.6





#79
Terphenyl-d14
Concen: 64.694 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

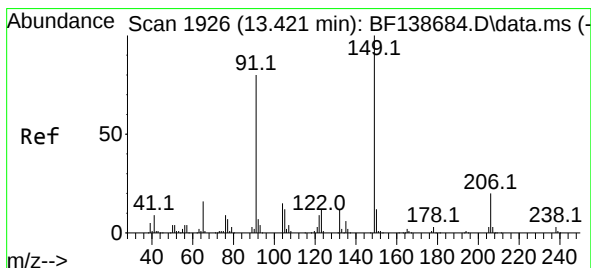
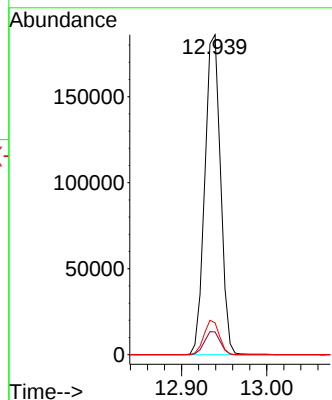
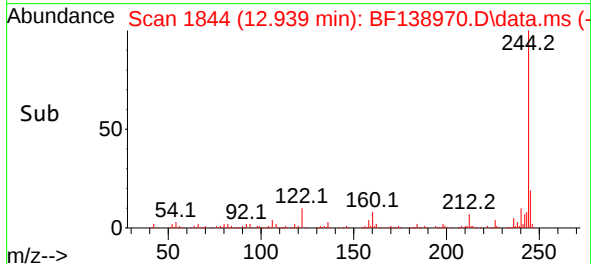
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion:244 Resp: 238019
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.0 9.6 14.4

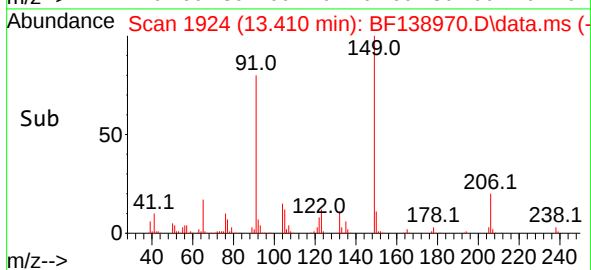
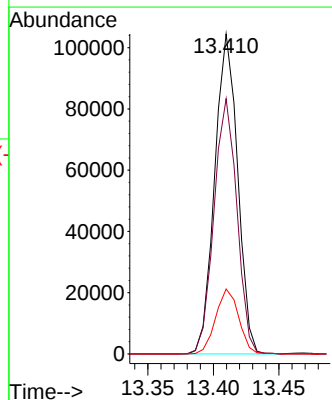
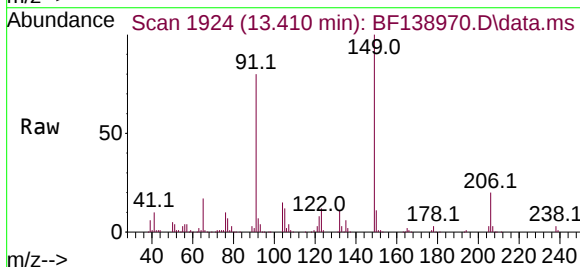
Manual Integrations
APPROVED

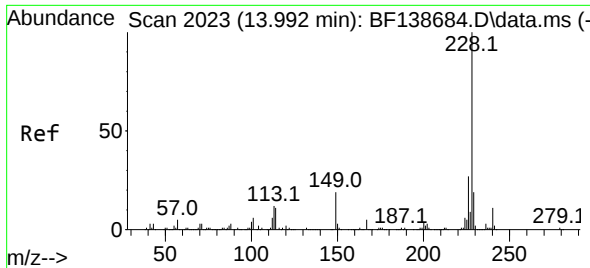
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#80
Butylbenzylphthalate
Concen: 68.427 ng
RT: 13.410 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

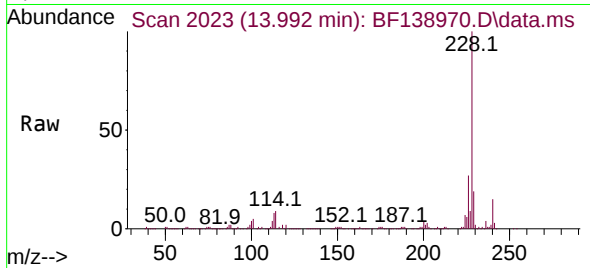
Tgt Ion:149 Resp: 127085
Ion Ratio Lower Upper
149 100
91 79.7 63.7 95.5
206 20.3 16.2 24.2





#81
Benzo(a)anthracene
Concen: 65.999 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

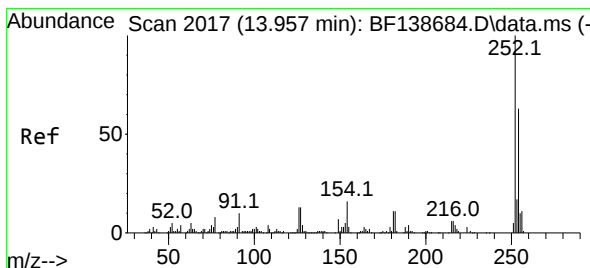
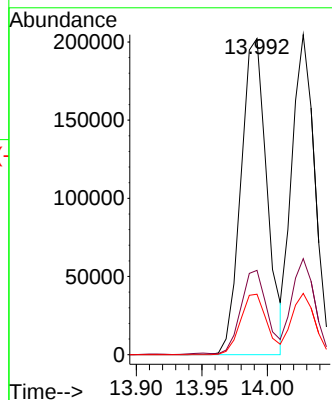
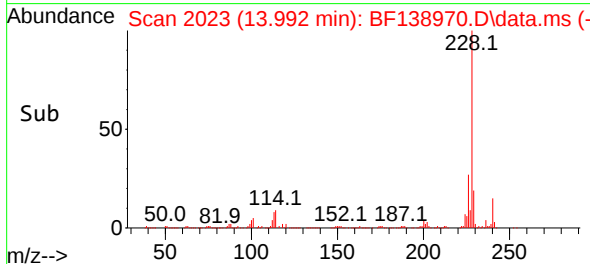
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



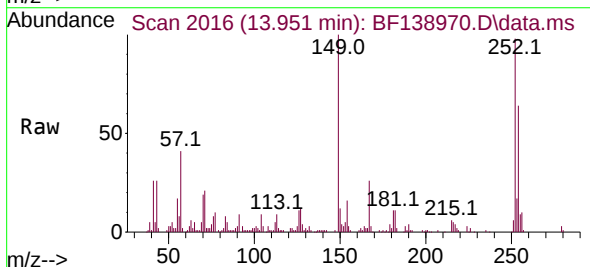
Tgt Ion:228 Resp: 279959
Ion Ratio Lower Upper
228 100
226 26.7 22.1 33.1
229 19.1 15.4 23.0

Manual Integrations
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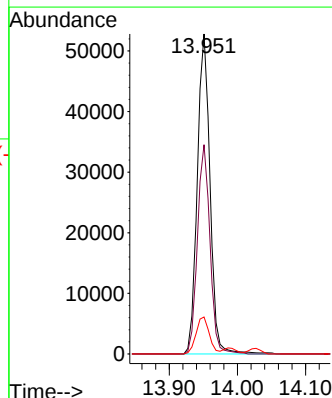
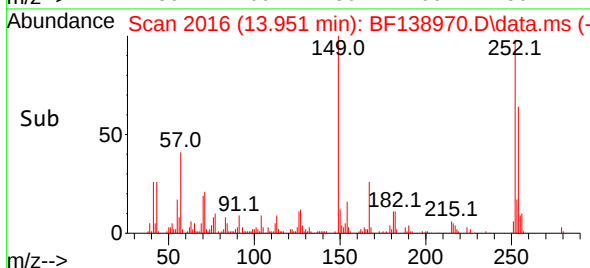
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#82
3,3'-Dichlorobenzidine
Concen: 63.099 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47



Tgt Ion:252 Resp: 68494
Ion Ratio Lower Upper
252 100
254 65.4 50.8 76.2
126 11.6 10.2 15.2





#83

Chrysene

Concen: 64.722 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138970.D

Acq: 13 Aug 2024 12:47

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MS

Tgt Ion:228 Resp: 24768

Ion Ratio Lower Upper

228 100

226 30.0 23.7 35.5

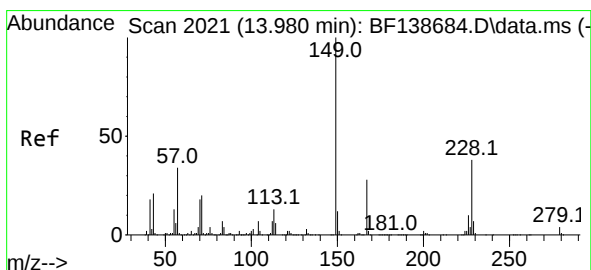
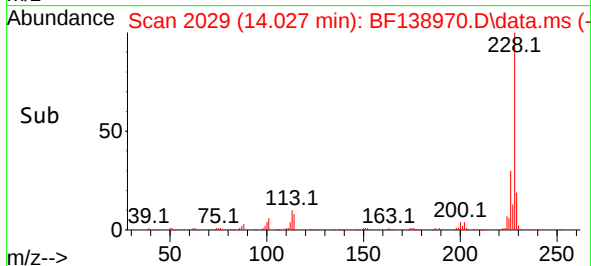
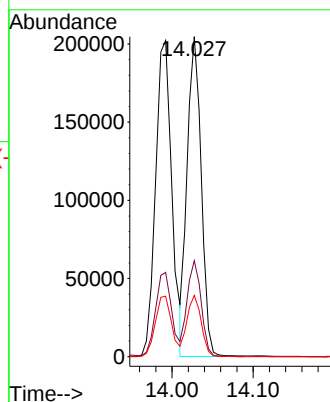
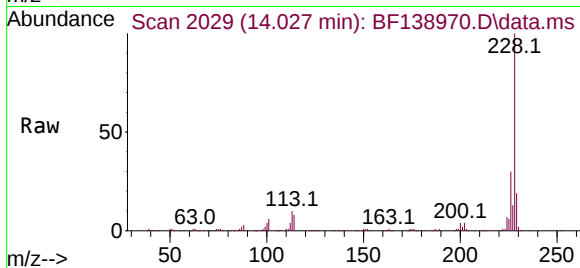
229 19.1 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.436 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138970.D

Acq: 13 Aug 2024 12:47

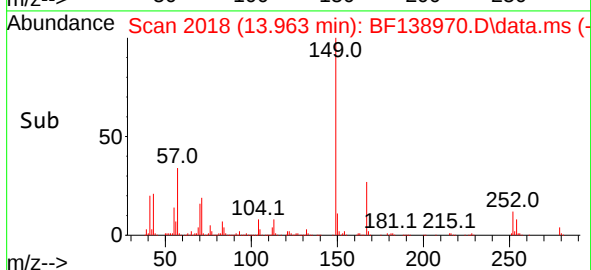
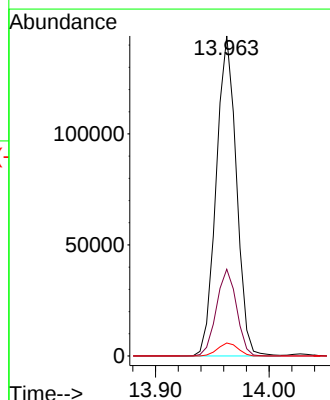
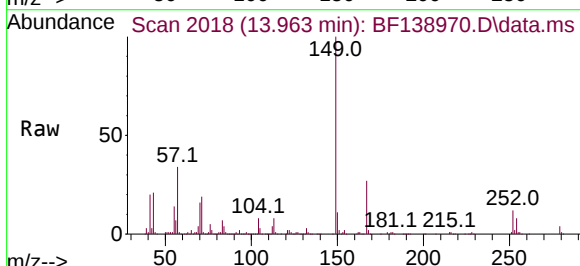
Tgt Ion:149 Resp: 177961

Ion Ratio Lower Upper

149 100

167 27.1 22.2 33.4

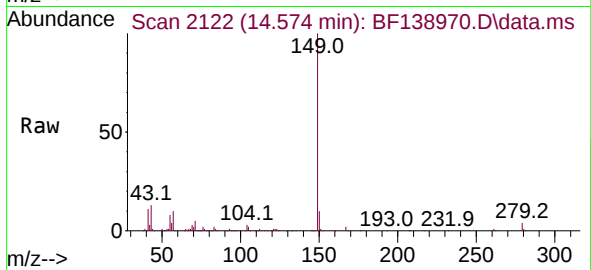
279 4.0 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 61.266 ng
RT: 14.574 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

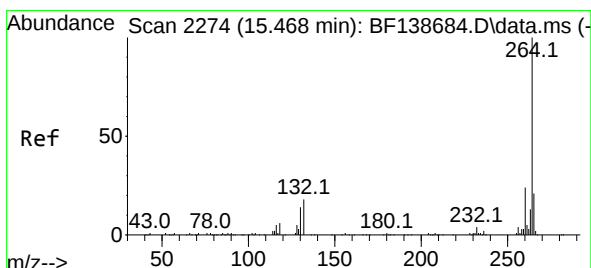
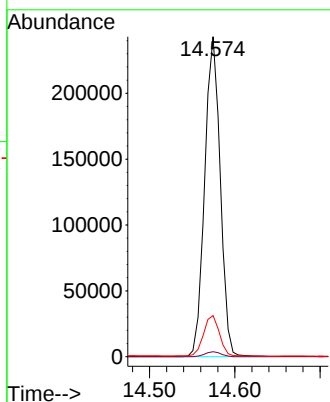
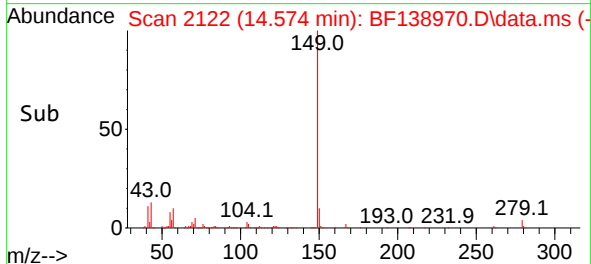
Instrument : BNA_F
ClientSampleId : 927-K1-SD-0.5-1.0-080724MS



Tgt Ion:149 Resp: 308272
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 13.2 10.4 15.6

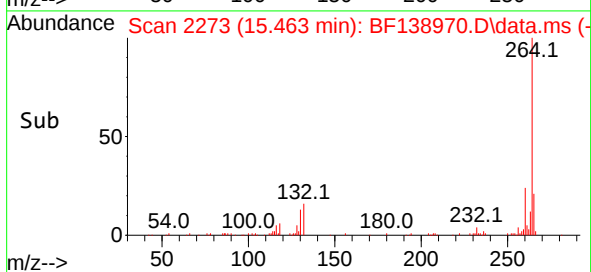
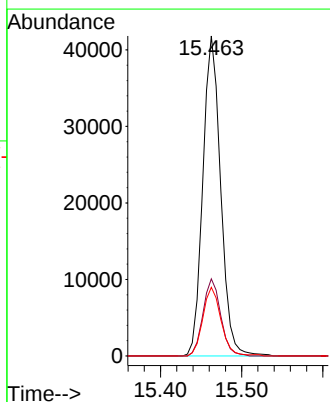
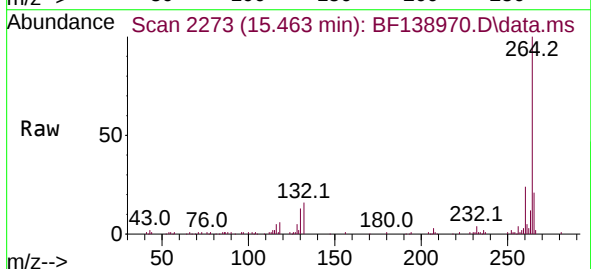
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

Tgt Ion:264 Resp: 63687
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 21.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.659 ng

RT: 16.939 min Scan# 2524

Delta R.T. 0.000 min

Lab File: BF138970.D

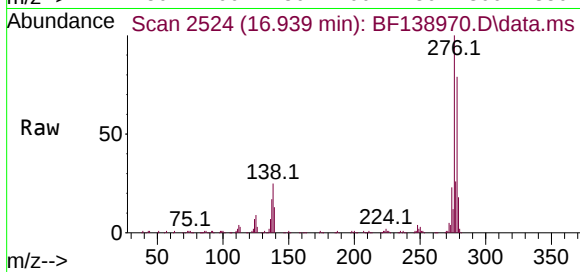
Acq: 13 Aug 2024 12:47

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MS



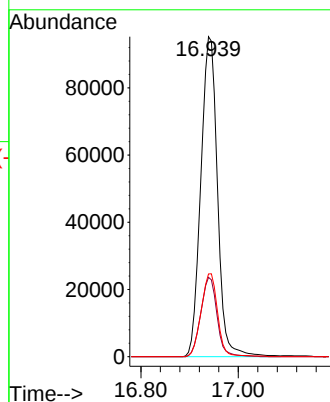
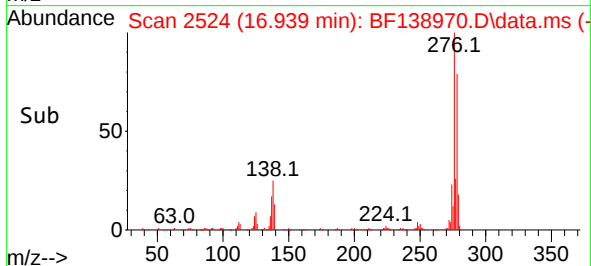
Tgt Ion:	276	Resp:	22664
Ion Ratio	Lower	Upper	
276	100		
138	24.1	21.8	32.8
277	25.5	20.6	30.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#88

Benzo(b)fluoranthene

Concen: 66.447 ng

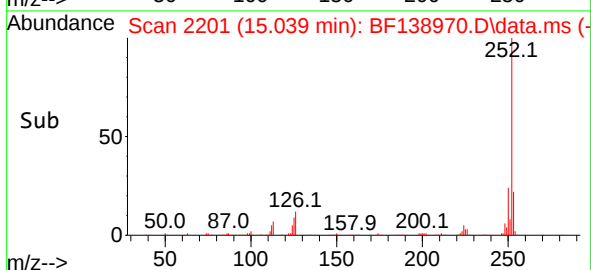
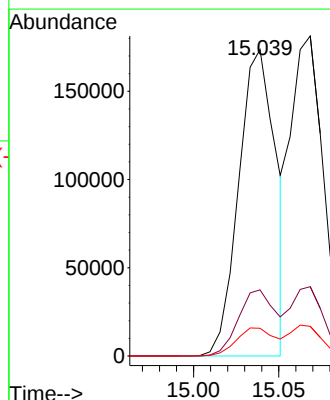
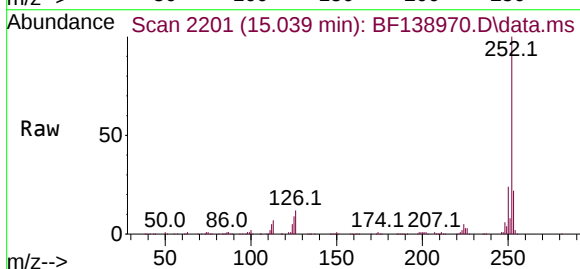
RT: 15.039 min Scan# 2201

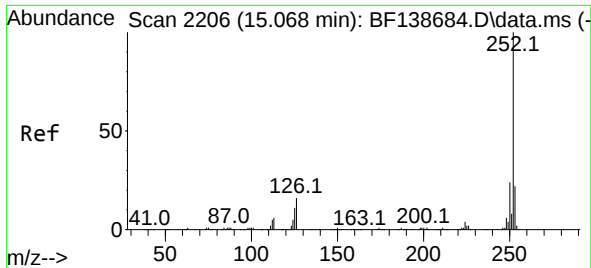
Delta R.T. 0.000 min

Lab File: BF138970.D

Acq: 13 Aug 2024 12:47

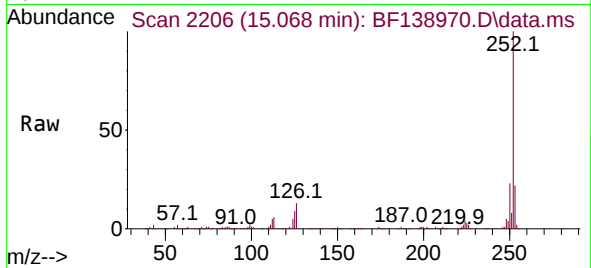
Tgt Ion:	252	Resp:	262331
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	9.0	8.9	13.3





#89
Benzo(k)fluoranthene
Concen: 71.938 ng
RT: 15.068 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

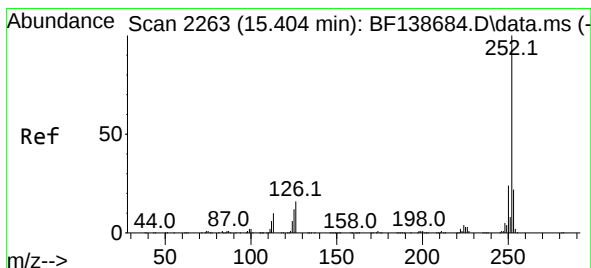
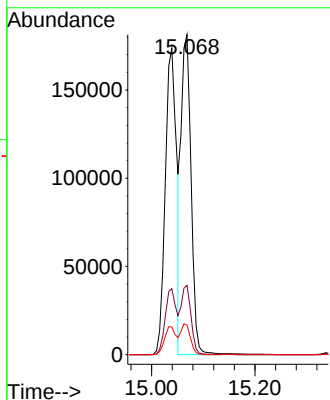
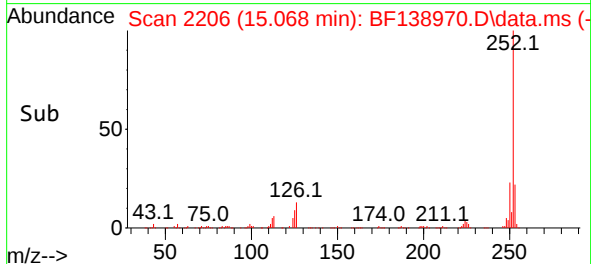
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion:252 Resp: 245898
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.3 8.6 13.0

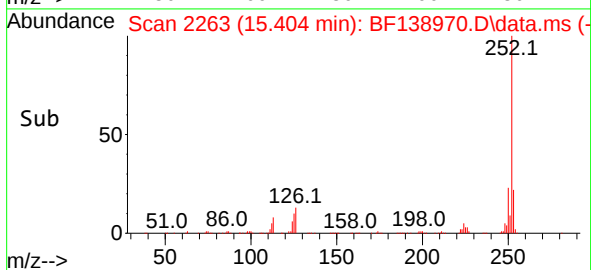
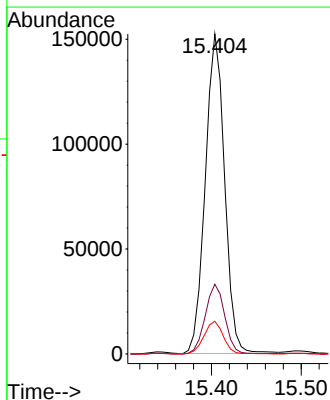
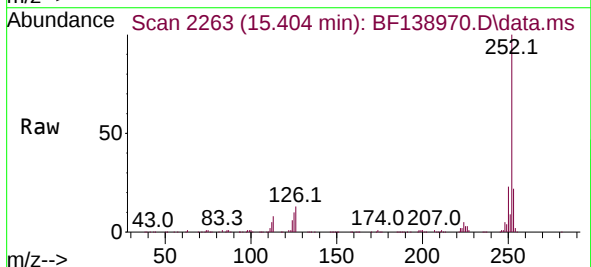
Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#90
Benzo(a)pyrene
Concen: 68.642 ng
RT: 15.404 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

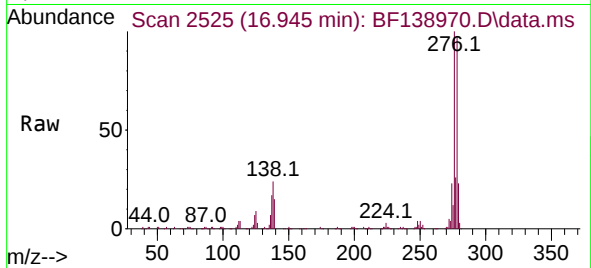
Tgt Ion:252 Resp: 227948
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.2 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 48.879 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

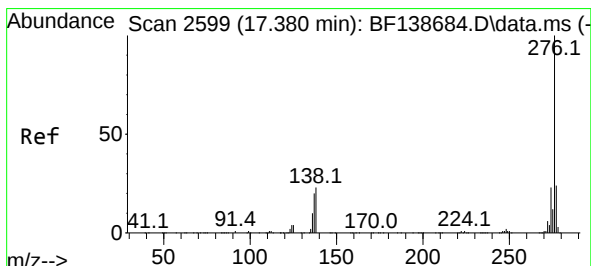
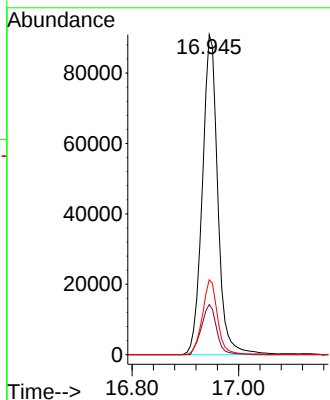
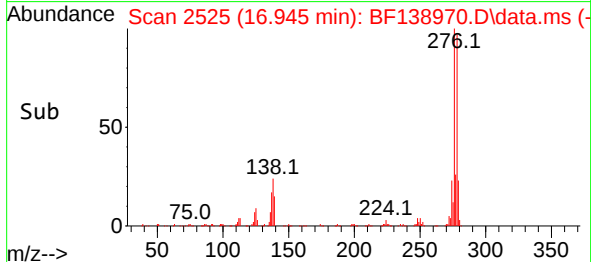
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS



Tgt Ion:278 Resp: 183124
Ion Ratio Lower Upper
278 100
139 15.7 14.0 21.0
279 23.4 19.0 28.4

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#92
Benzo(g,h,i)perylene
Concen: 41.296 ng
RT: 17.380 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BF138970.D
Acq: 13 Aug 2024 12:47

Tgt Ion:276 Resp: 160550
Ion Ratio Lower Upper
276 100
277 22.8 19.0 28.4
138 19.7 18.5 27.7

