

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138971.D
 Acq On : 13 Aug 2024 13:17
 Operator : RC/JU
 Sample : P3512-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Aug 13 13:44:29 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	6.839	152	37125	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	150683	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	82249	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	123244	20.000	ng	0.00
76) Chrysene-d12	14.004	240	66622	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	68010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	252336	104.921	ng	0.01
7) Phenol-d6	6.487	99	345918	107.129	ng	0.00
23) Nitrobenzene-d5	7.404	82	217612	70.607	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	64326	95.477	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	328400	59.991	ng	-0.01
79) Terphenyl-d14	12.939	244	239848	60.276	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	44755	42.505	ng	94
3) Pyridine	3.428	79	116267	45.583	ng	95
4) n-Nitrosodimethylamine	3.399	42	100492	66.152	ng	# 79
6) Aniline	6.504	93	142092	49.344	ng	# 33
8) 2-Chlorophenol	6.634	128	150203	59.361	ng	97
9) Benzaldehyde	6.404	77	5291	2.733	ng	97
10) Phenol	6.504	94	192964	56.759	ng	77
11) bis(2-Chloroethyl)ether	6.575	93	141601	54.125	ng	100
12) 1,3-Dichlorobenzene	6.781	146	154505	54.549	ng	97
13) 1,4-Dichlorobenzene	6.857	146	159055	55.644	ng	98
14) 1,2-Dichlorobenzene	7.010	146	151249	56.618	ng	99
15) Benzyl Alcohol	6.992	79	141802	60.931	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	246312	54.707	ng	52
17) 2-Methylphenol	7.104	107	116981	55.987	ng	# 85
18) Hexachloroethane	7.345	117	61652	57.299	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	116938	59.961	ng	97
20) 3+4-Methylphenols	7.263	107	159016	59.316	ng	# 72
22) Acetophenone	7.251	105	203961	55.282	ng	99
24) Nitrobenzene	7.428	77	171899	54.812	ng	99
25) Isophorone	7.663	82	306406	58.223	ng	97
26) 2-Nitrophenol	7.739	139	78436	58.132	ng	89
27) 2,4-Dimethylphenol	7.781	122	101840	63.084	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	176466	55.063	ng	99
29) 2,4-Dichlorophenol	7.992	162	121693	58.663	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	133722	55.858	ng	99
31) Naphthalene	8.145	128	444093	55.991	ng	100
32) Benzoic acid	7.939	122	49017	38.626	ng	94
33) 4-Chloroaniline	8.198	127	80553	30.256	ng	98
34) Hexachlorobutadiene	8.251	225	83174	57.361	ng	99
35) Caprolactam	8.581	113	35035m	56.601	ng	
36) 4-Chloro-3-methylphenol	8.692	107	138118	58.259	ng	100
37) 2-Methylnaphthalene	8.833	142	287061	57.307	ng	99
38) 1-Methylnaphthalene	8.933	142	265654	54.121	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	124527	54.503	ng	98
41) Hexachlorocyclopentadiene	8.981	237	64394	104.175	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	78106	56.068	ng	99

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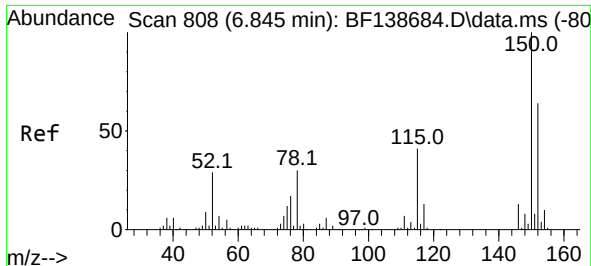
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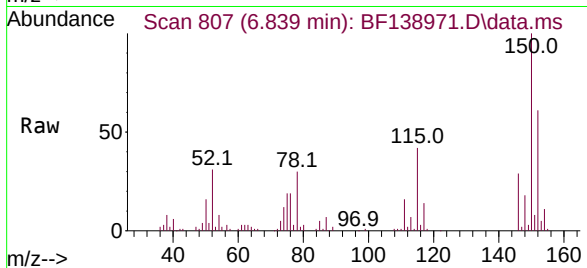
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	83846	55.057	ng	97
46) 1,1'-Biphenyl	9.298	154	334819	51.977	ng	99
47) 2-Chloronaphthalene	9.322	162	267519	55.840	ng	100
48) 2-Nitroaniline	9.428	65	96246	59.259	ng	97
49) Acenaphthylene	9.739	152	413674	60.881	ng	99
50) Dimethylphthalate	9.598	163	317471	60.366	ng	100
51) 2,6-Dinitrotoluene	9.669	165	67589	56.947	ng	# 86
52) Acenaphthene	9.910	154	248503	54.406	ng	99
53) 3-Nitroaniline	9.839	138	48433	39.474	ng	98
54) 2,4-Dinitrophenol	9.957	184	52406	95.918	ng	# 78
55) Dibenzofuran	10.080	168	370587	57.476	ng	97
56) 4-Nitrophenol	10.022	139	58220	78.906	ng	82
57) 2,4-Dinitrotoluene	10.075	165	89116	58.851	ng	# 80
58) Fluorene	10.422	166	298144	58.067	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	59493	51.098	ng	91
60) Diethylphthalate	10.298	149	302083	60.580	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	147065	58.238	ng	94
62) 4-Nitroaniline	10.457	138	59944m	51.410	ng	
63) Azobenzene	10.575	77	315602	57.065	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	43817	58.276	ng	88
66) n-Nitrosodiphenylamine	10.533	169	242474	62.942	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	82477	61.811	ng	99
68) Hexachlorobenzene	10.969	284	82098	59.590	ng	98
69) Atrazine	11.063	200	68059	68.476	ng	99
70) Pentachlorophenol	11.175	266	49385	79.525	ng	99
71) Phenanthrene	11.386	178	381706	60.148	ng	100
72) Anthracene	11.439	178	389120	62.242	ng	100
73) Carbazole	11.598	167	304281	56.414	ng	98
74) Di-n-butylphthalate	11.916	149	398066	65.651	ng	99
75) Fluoranthene	12.574	202	326528	55.115	ng	98
77) Benzidine	12.698	184	81202	50.959	ng	98
78) Pyrene	12.804	202	324924	51.800	ng	100
80) Butylbenzylphthalate	13.410	149	126579	63.016	ng	100
81) Benzo(a)anthracene	13.992	228	267053	58.210	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	68371	58.237	ng	99
83) Chrysene	14.027	228	244281	59.019	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	174471	59.316	ng	99
85) Di-n-octyl phthalate	14.574	149	303177	55.710	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	217009	44.525	ng	97
88) Benzo(b)fluoranthene	15.039	252	249193	59.107	ng	97
89) Benzo(k)fluoranthene	15.068	252	238262	65.273	ng	98
90) Benzo(a)pyrene	15.404	252	221372	62.425	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	179312	44.819	ng	96
92) Benzo(g,h,i)perylene	17.386	276	156174	37.617	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF138971.D
 Acq: 13 Aug 2024 13:17

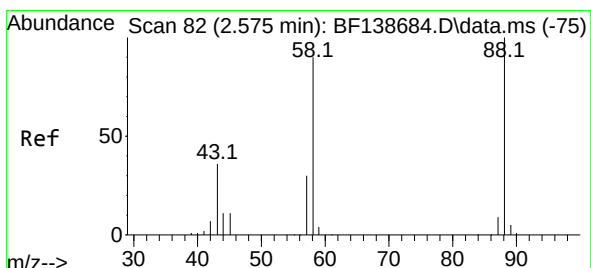
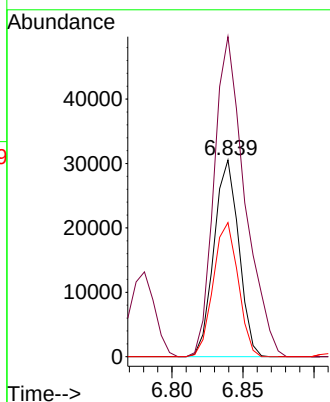
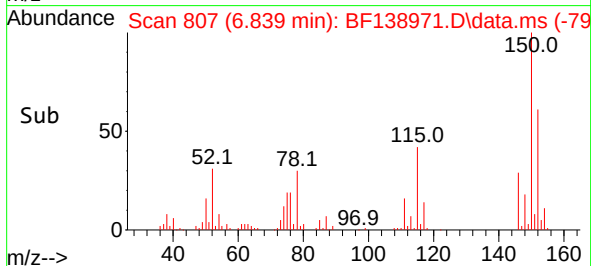
Instrument :
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 927-K1-SD-0.5-1.0-080724MSD



Tgt Ion:152 Resp: 3712
 Ion Ratio Lower Upper
 152 100
 150 162.7 126.0 189.0
 115 68.2 51.7 77.5

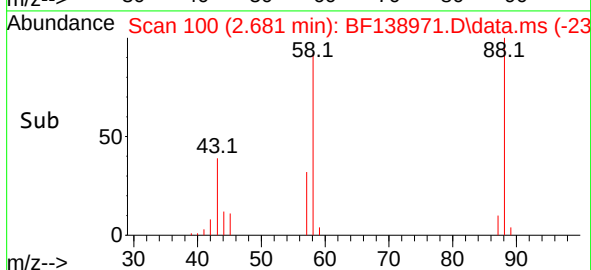
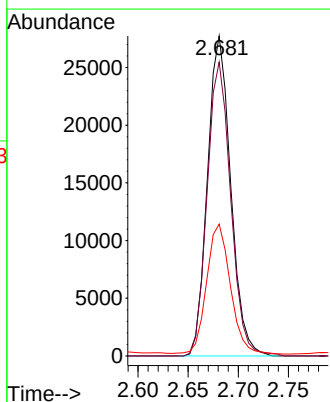
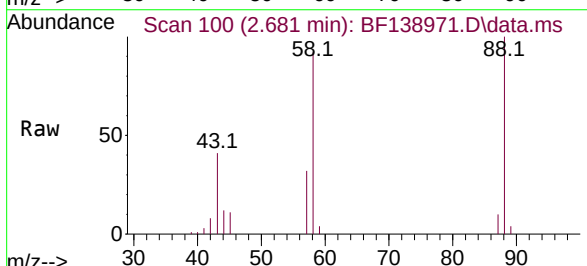
Manual Integrations
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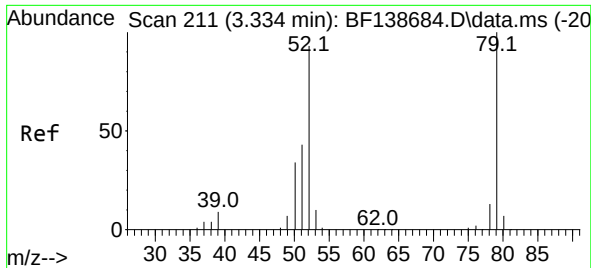
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#2
 1,4-Dioxane
 Concen: 42.505 ng
 RT: 2.681 min Scan# 100
 Delta R.T. 0.106 min
 Lab File: BF138971.D
 Acq: 13 Aug 2024 13:17

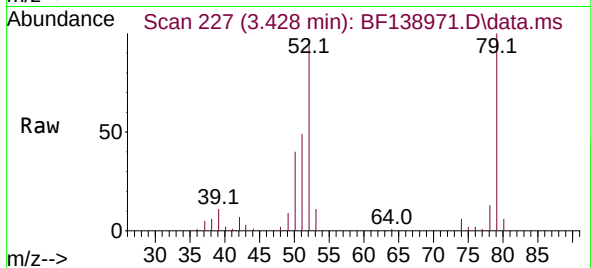
Tgt Ion: 88 Resp: 44755
 Ion Ratio Lower Upper
 88 100
 58 93.1 71.6 107.4
 43 41.7 28.7 43.1





#3
Pyridine
Concen: 45.583 ng
RT: 3.428 min Scan# 211
Delta R.T. 0.094 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

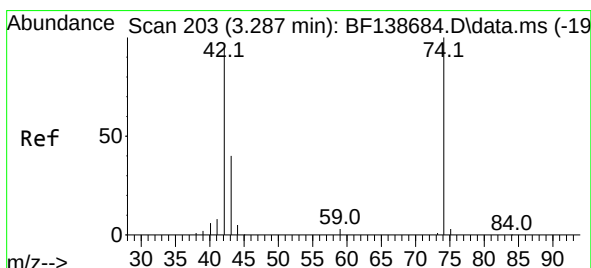
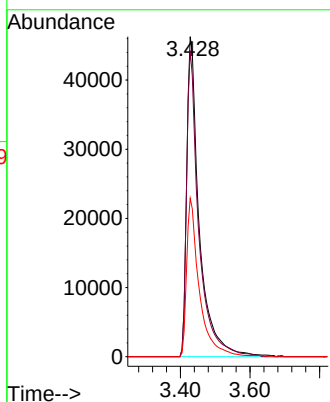
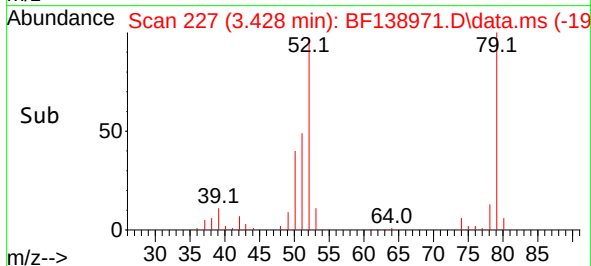
Instrument :
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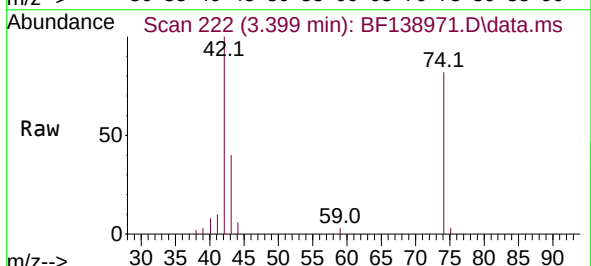
Tgt Ion: 79 Resp: 11626
Ion Ratio Lower Upper
79 100
52 95.6 74.7 112.1
51 49.5 34.6 51.8

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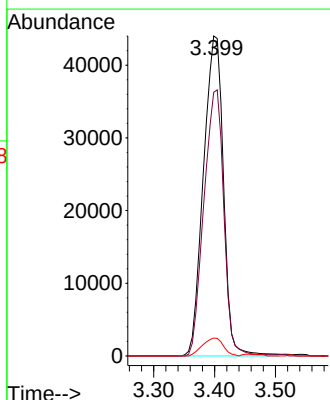
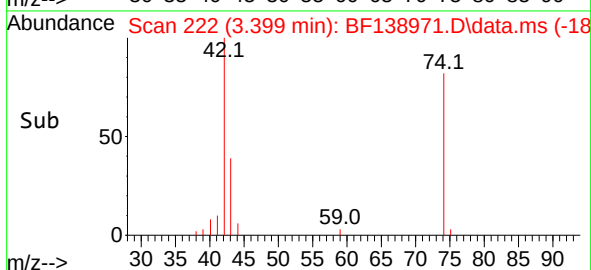
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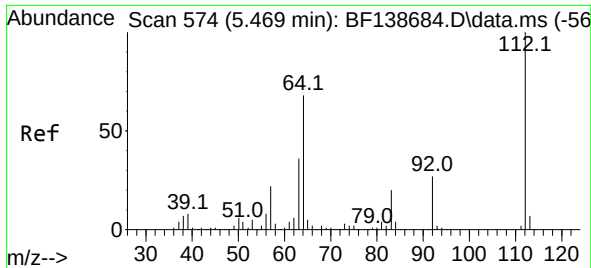


#4
n-Nitrosodimethylamine
Concen: 66.152 ng
RT: 3.399 min Scan# 222
Delta R.T. 0.112 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17



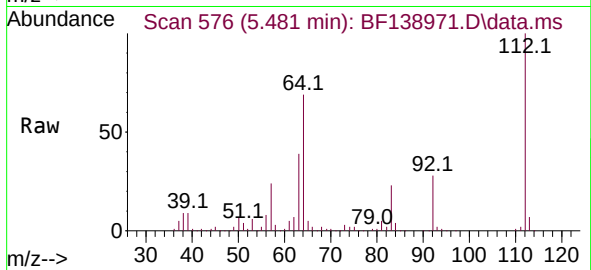
Tgt Ion: 42 Resp: 100492
Ion Ratio Lower Upper
42 100
74 82.4 84.2 126.4#
44 5.6 4.9 7.3





#5
2-Fluorophenol
Concen: 104.921 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

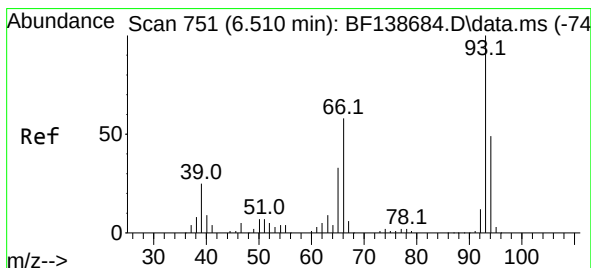
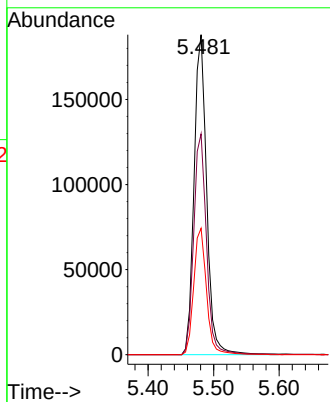
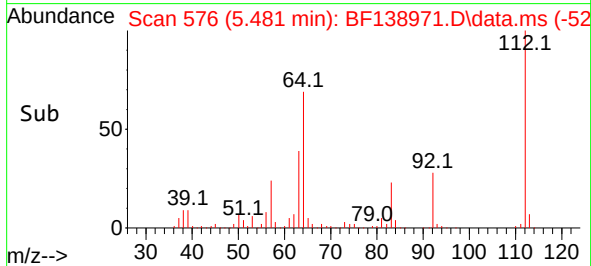
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Tgt Ion:112 Resp: 252330
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.4
63 39.5 28.7 43.1

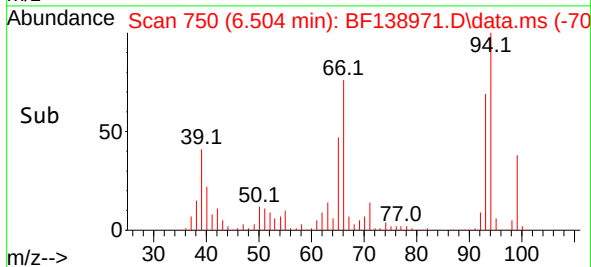
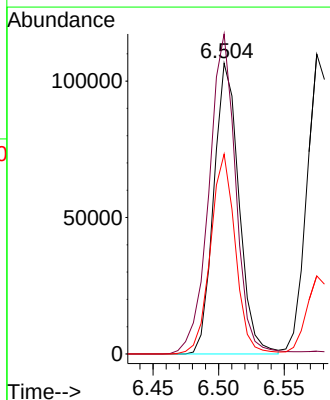
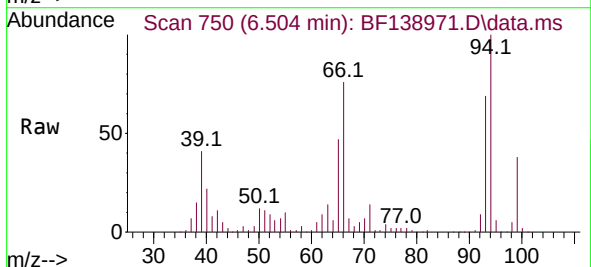
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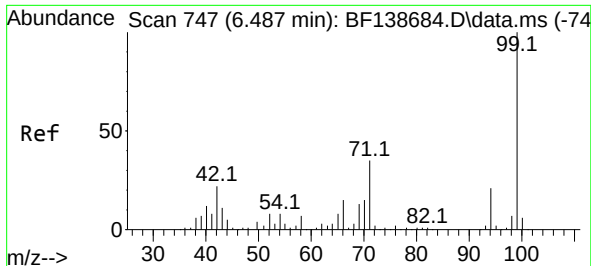
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#6
Aniline
Concen: 49.344 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

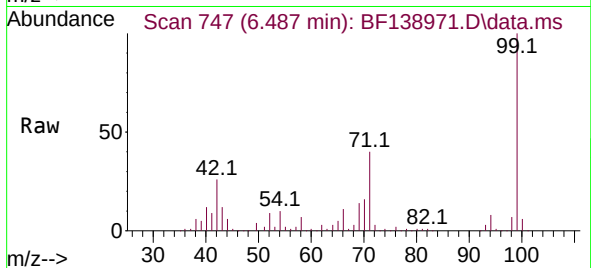
Tgt Ion: 93 Resp: 142092
Ion Ratio Lower Upper
93 100
66 110.0 46.9 70.3#
65 68.7 26.5 39.7#





#7
Phenol-d6
Concen: 107.129 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

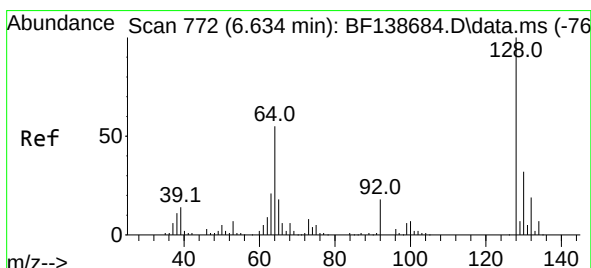
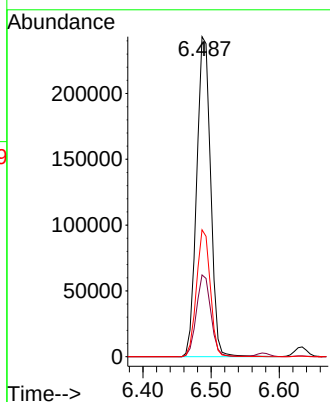
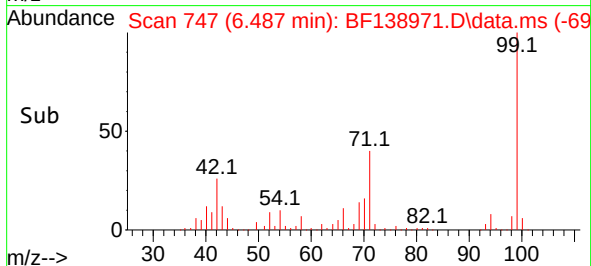
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Tgt Ion: 99 Resp: 345918
Ion Ratio Lower Upper
99 100
42 25.6 17.4 26.0
71 39.7 28.1 42.1

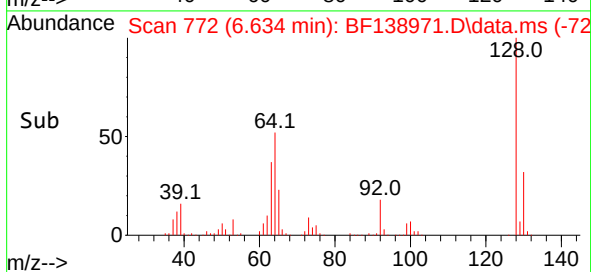
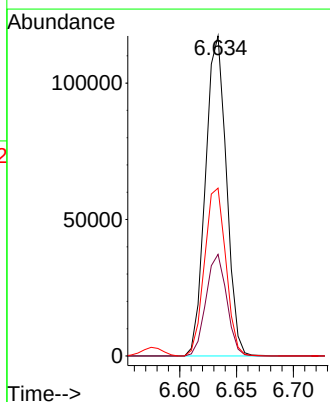
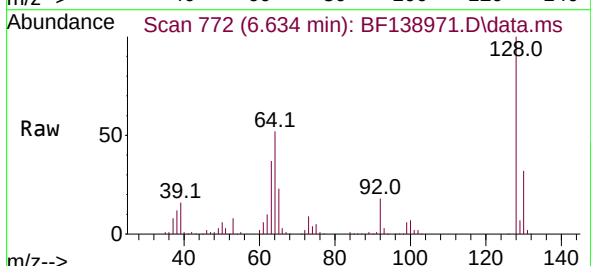
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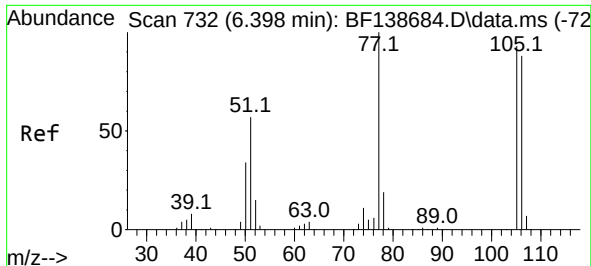
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#8
2-Chlorophenol
Concen: 59.361 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

Tgt Ion:128 Resp: 150203
Ion Ratio Lower Upper
128 100
130 31.8 12.0 52.0
64 52.5 36.3 76.3





#9

Benzaldehyde

Concen: 2.733 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MSD

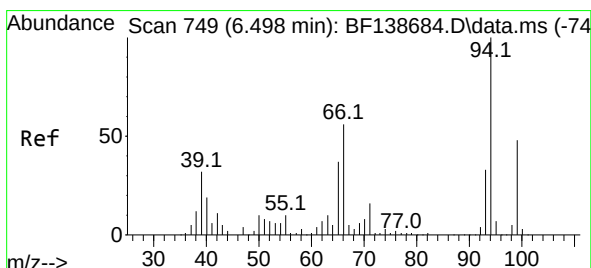
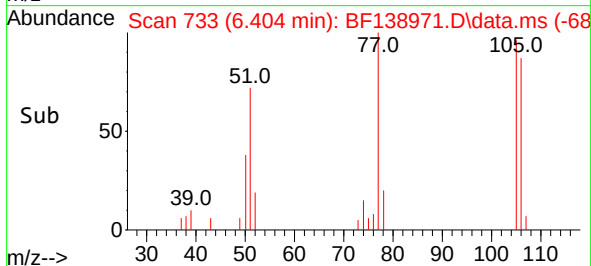
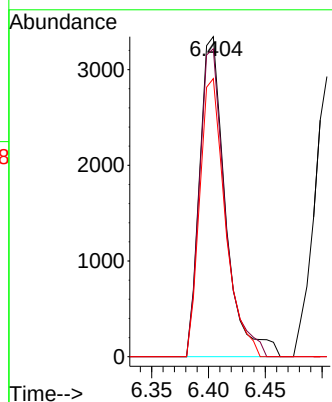
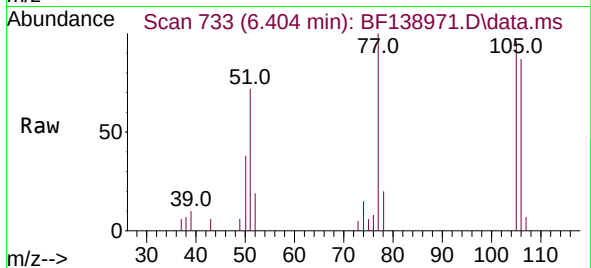
Tgt Ion: 77	Resp: 529
Ion Ratio	Lower Upper
77 100	
105 96.2	72.9 112.9
106 86.9	68.4 108.4

Manual Integrations

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#10

Phenol

Concen: 56.759 ng

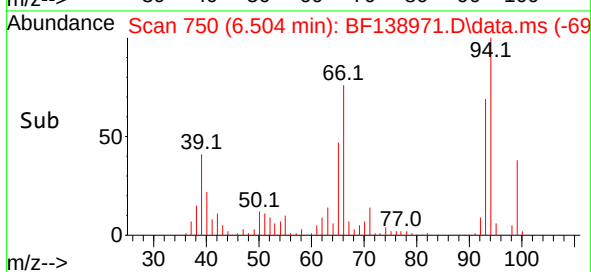
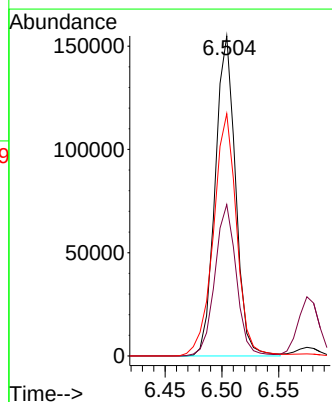
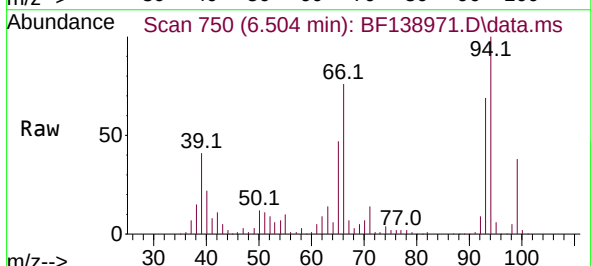
RT: 6.504 min Scan# 750

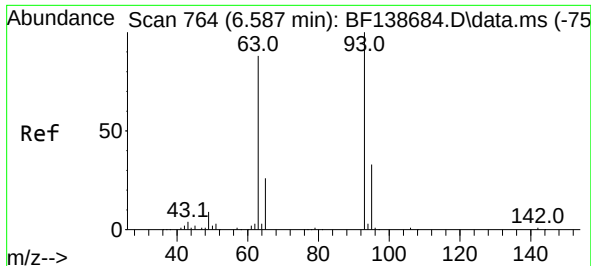
Delta R.T. 0.006 min

Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

Tgt Ion: 94	Resp: 192964
Ion Ratio	Lower Upper
94 100	
65 47.3	16.9 56.9
66 75.7	36.5 76.5





#11

bis(2-Chloroethyl)ether

Concen: 54.125 ng

RT: 6.575 min Scan# 762

Delta R.T. -0.012 min

Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MSD

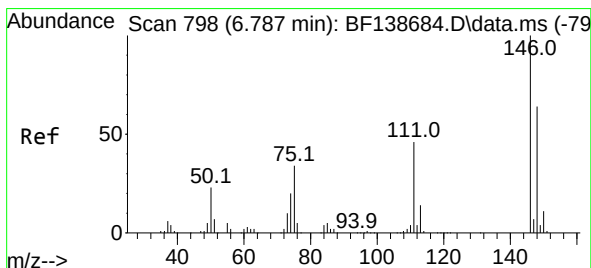
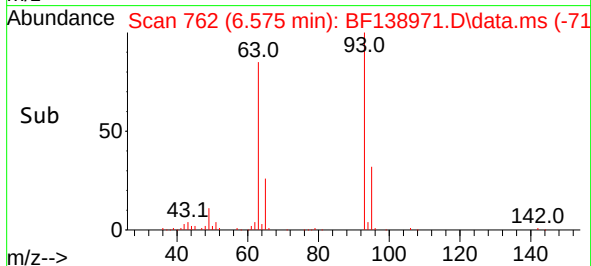
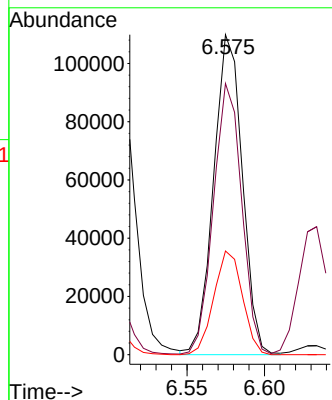
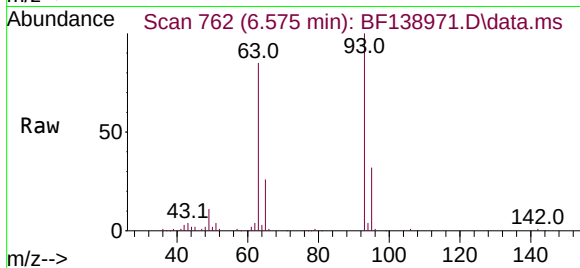
Tgt Ion:	93	Resp:	14160
Ion Ratio	Lower	Upper	
93	100		
63	84.8	65.3	105.3
95	32.4	12.4	52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#12

1,3-Dichlorobenzene

Concen: 54.549 ng

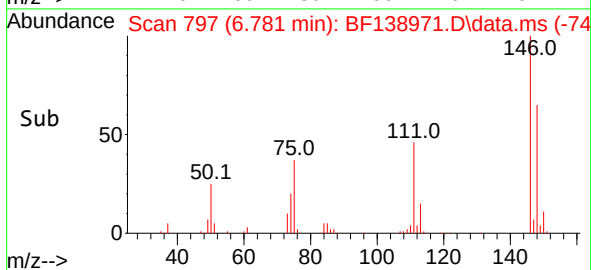
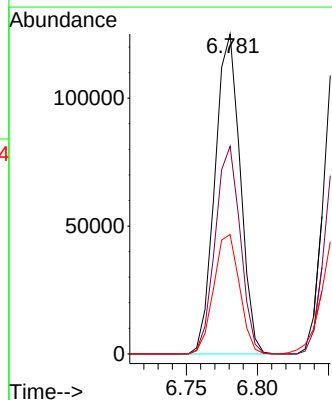
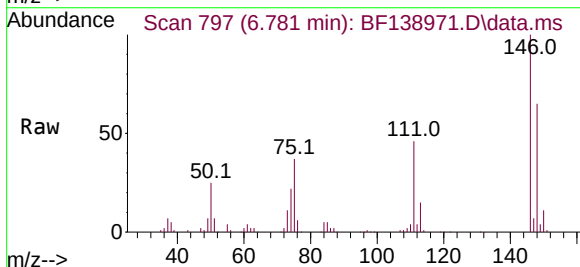
RT: 6.781 min Scan# 797

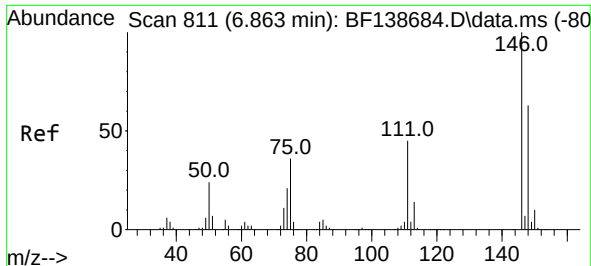
Delta R.T. -0.006 min

Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

Tgt Ion:	146	Resp:	154505
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.2	76.8
75	37.3	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 55.644 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MSD

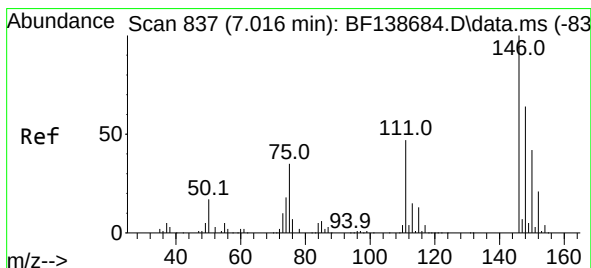
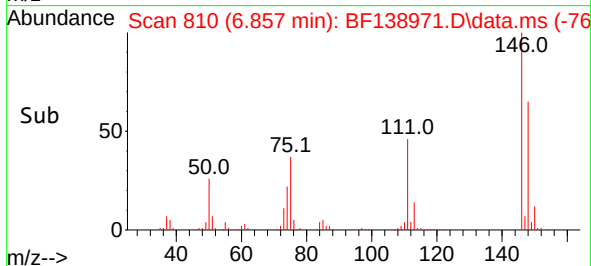
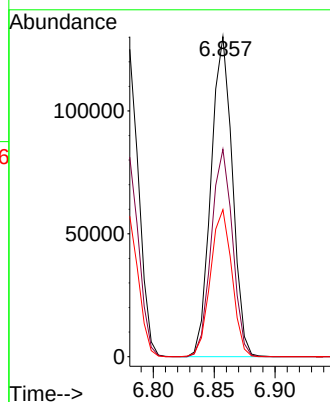
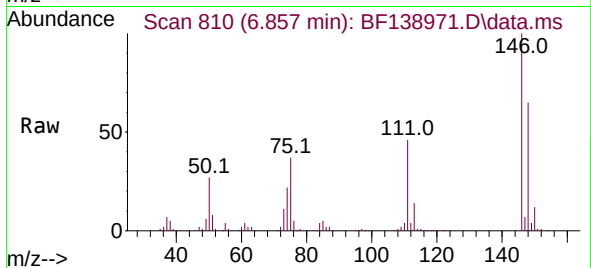
Tgt Ion:146 Resp: 15905
Ion Ratio Lower Upper
146 100
148 64.8 50.2 75.2
111 46.0 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#14

1,2-Dichlorobenzene

Concen: 56.618 ng

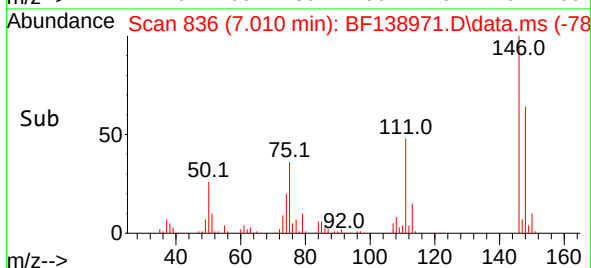
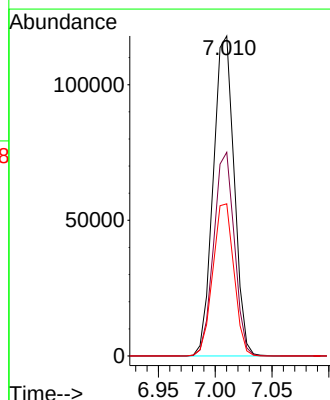
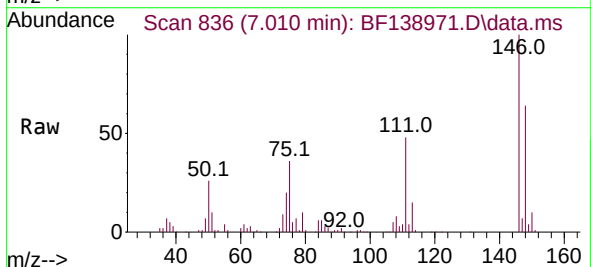
RT: 7.010 min Scan# 836

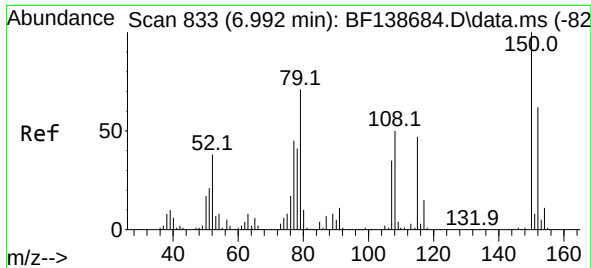
Delta R.T. -0.006 min

Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

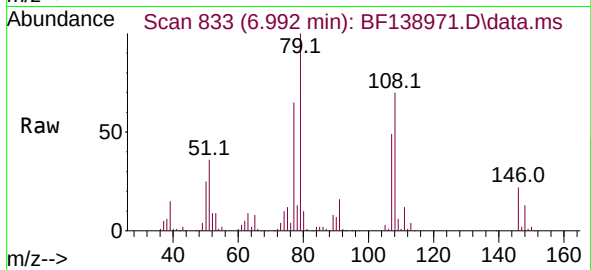
Tgt Ion:146 Resp: 151249
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
111 47.5 37.4 56.2





#15
Benzyl Alcohol
Concen: 60.931 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

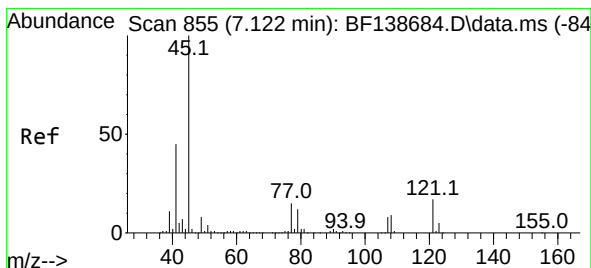
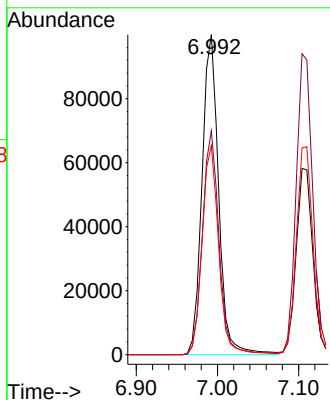
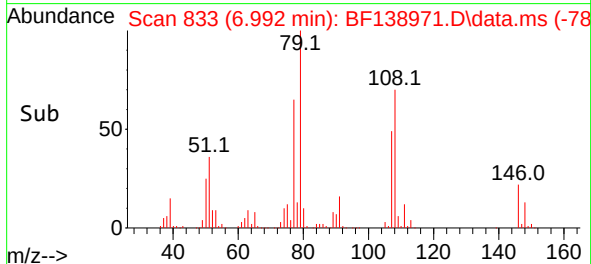
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



Tgt Ion: 79 Resp: 141802
Ion Ratio Lower Upper
79 100
108 70.0 56.6 85.0
77 65.3 50.3 75.5

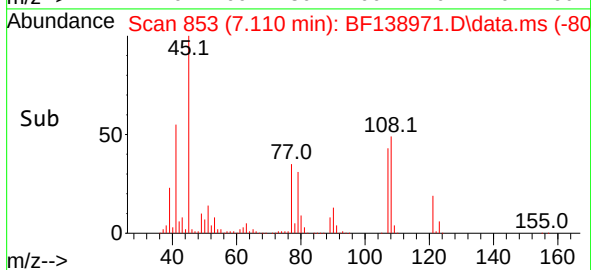
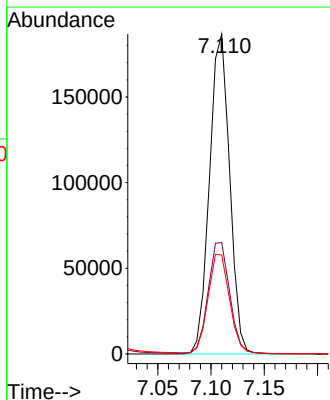
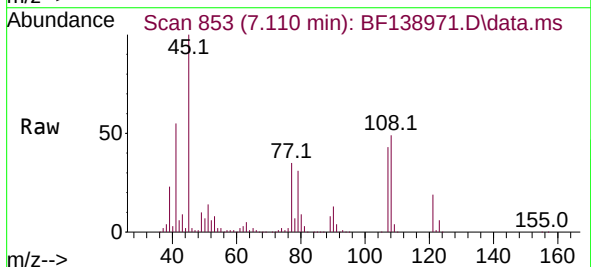
Manual Integrations
APPROVED

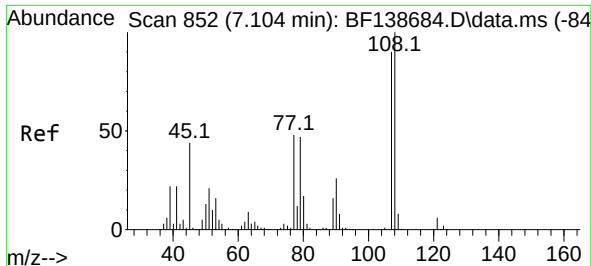
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.707 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

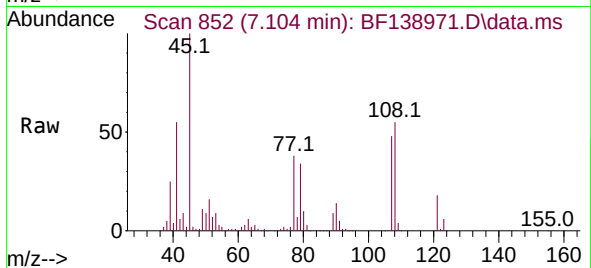
Tgt Ion: 45 Resp: 246312
Ion Ratio Lower Upper
45 100
77 34.8 0.0 34.9
79 30.9 0.0 32.2





#17
2-Methylphenol
Concen: 55.987 ng
RT: 7.104 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

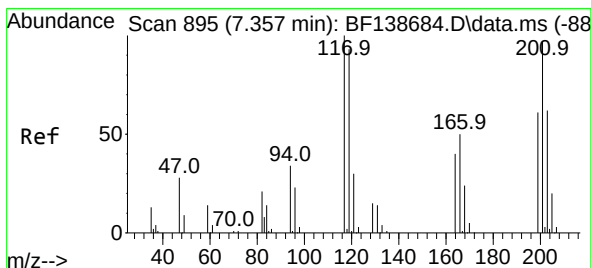
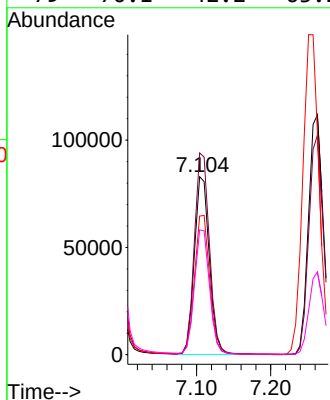
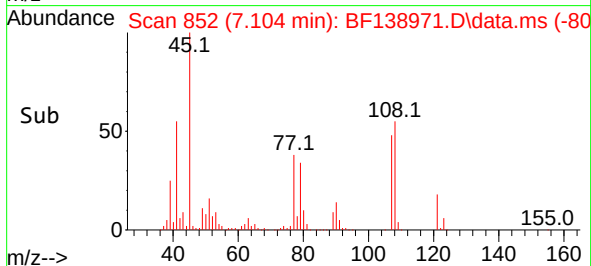
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



Tgt Ion:107 Resp: 11698
Ion Ratio Lower Upper
107 100
108 113.4 89.2 133.8
77 77.9 43.0 64.4
79 70.1 42.2 63.2

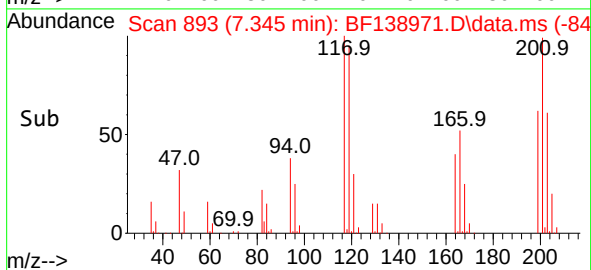
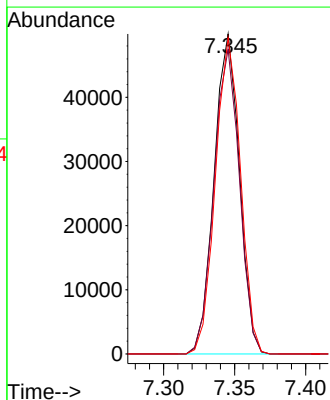
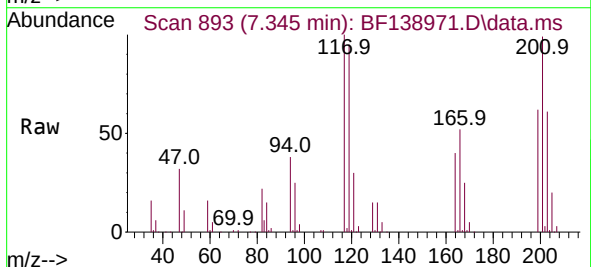
Manual Integrations
APPROVED

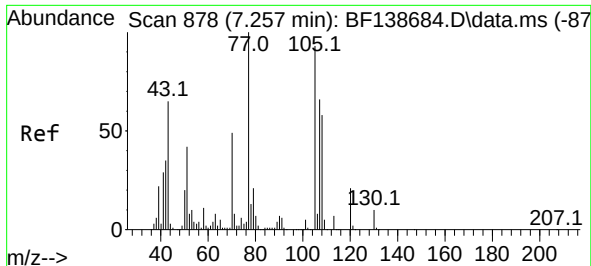
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#18
Hexachloroethane
Concen: 57.299 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

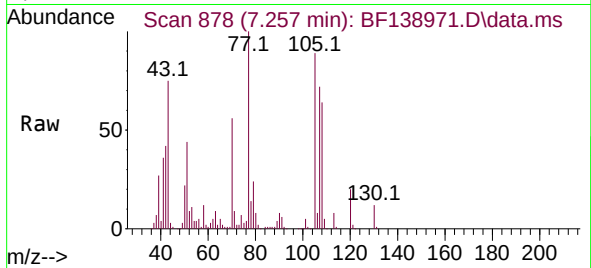
Tgt Ion:117 Resp: 61652
Ion Ratio Lower Upper
117 100
119 95.2 74.6 111.8
201 98.8 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 59.961 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

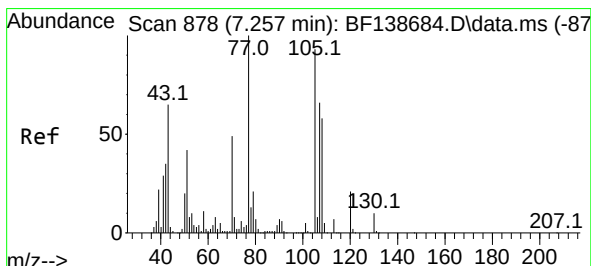
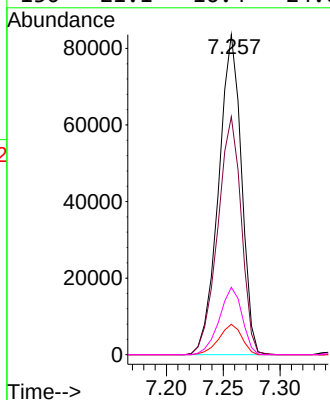
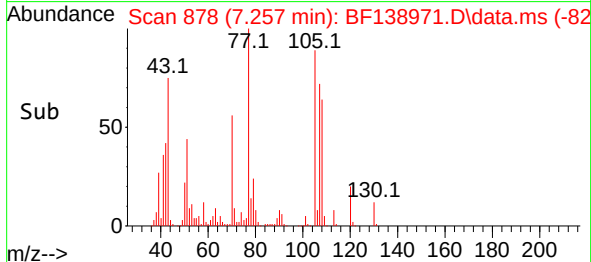
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



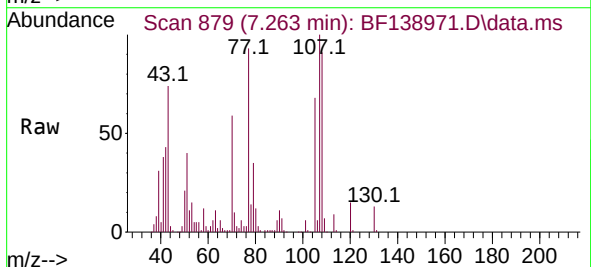
Tgt Ion: 70 Resp: 116938
Ion Ratio Lower Upper
70 100
42 74.4 57.4 86.0
101 9.5 7.5 11.3
130 21.1 16.4 24.6

Manual Integrations
APPROVED

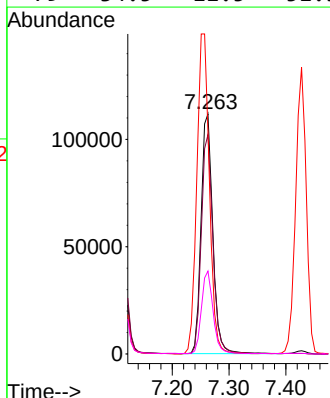
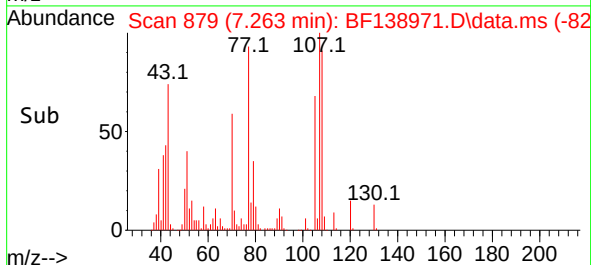
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

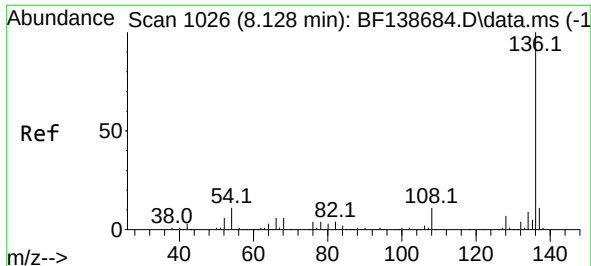


#20
3+4-Methylphenols
Concen: 59.316 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17



Tgt Ion:107 Resp: 159016
Ion Ratio Lower Upper
107 100
108 91.4 68.2 108.2
77 92.6 132.1 172.1#
79 34.5 11.5 51.5





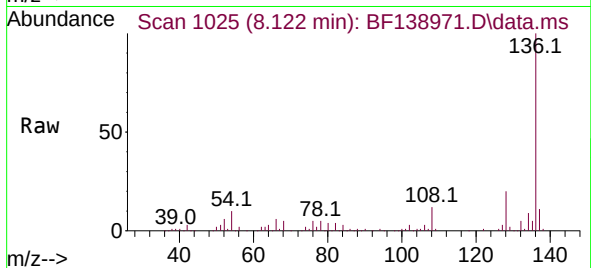
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MSD



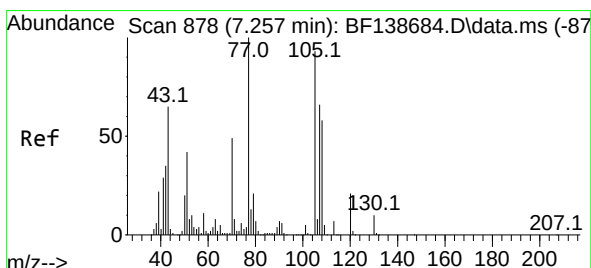
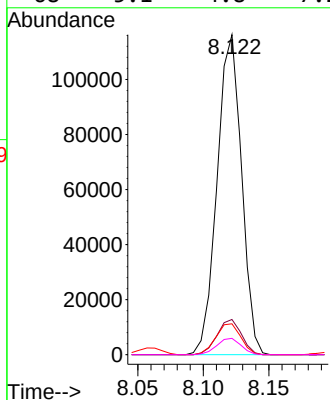
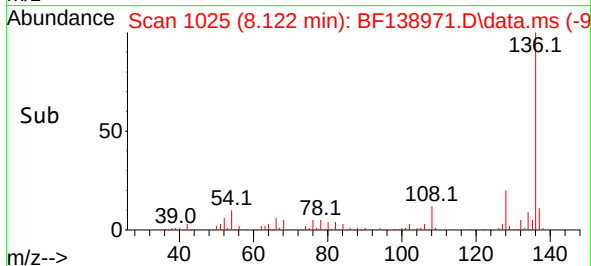
Tgt Ion:136 Resp: 150683
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.6 8.6 12.8
68 5.1 4.8 7.2

Manual Integrations

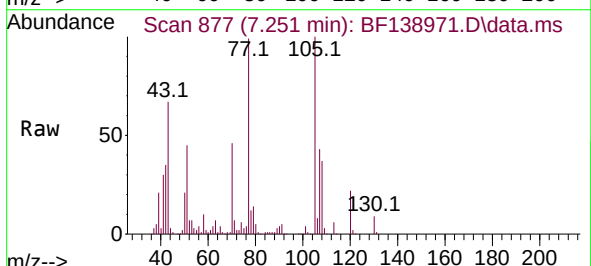
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

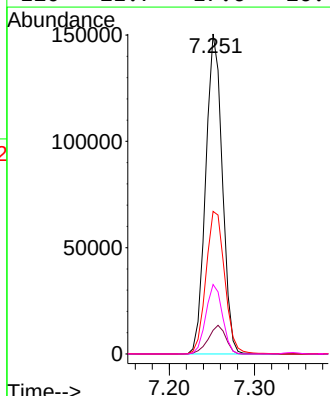
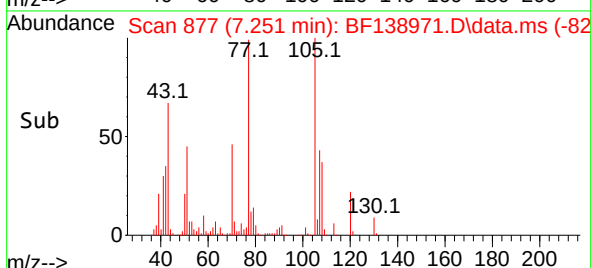
Supervised By :mohammad ahmed 08/14/2024

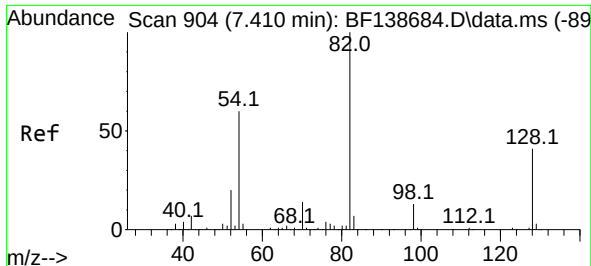


#22
Acetophenone
Concen: 55.282 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17



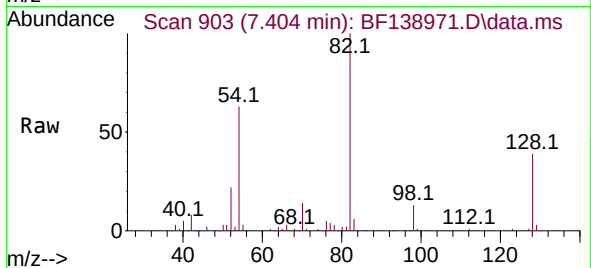
Tgt Ion:105 Resp: 203961
Ion Ratio Lower Upper
105 100
71 7.4 7.2 10.8
51 44.5 35.9 53.9
120 21.7 17.6 26.4





#23
Nitrobenzene-d5
Concen: 70.607 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

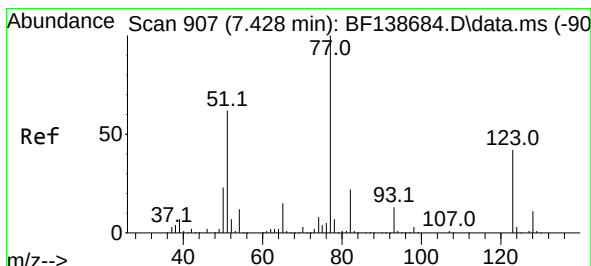
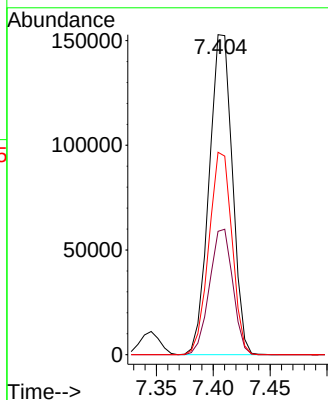
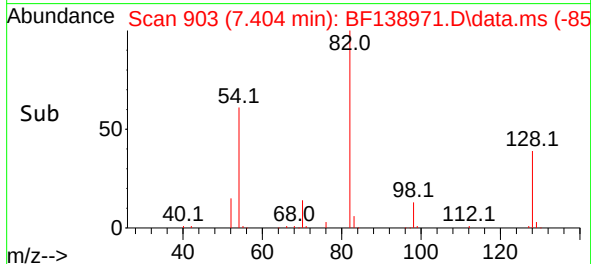
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



Tgt Ion: 82 Resp: 217612
Ion Ratio Lower Upper
82 100
128 38.5 32.8 49.2
54 63.2 48.3 72.5

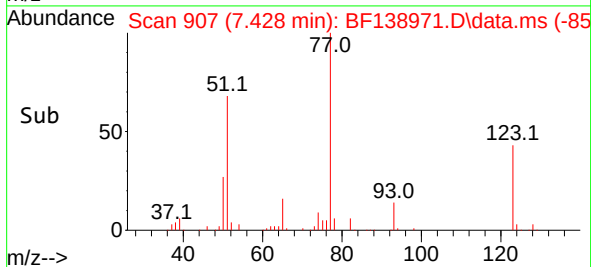
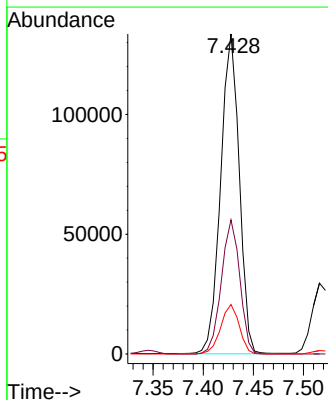
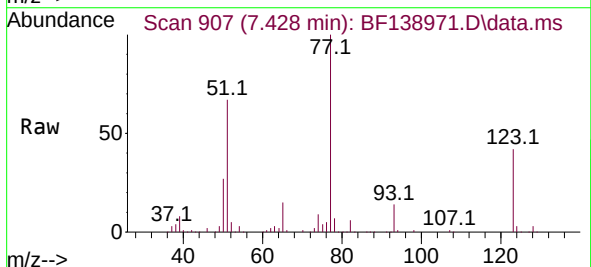
Manual Integrations
APPROVED

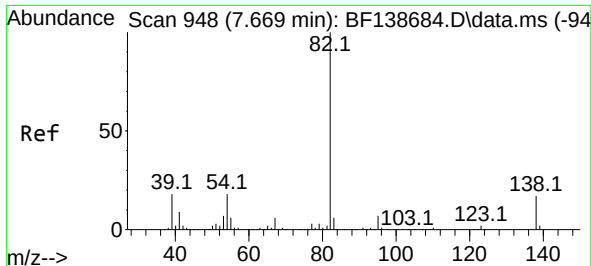
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#24
Nitrobenzene
Concen: 54.812 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

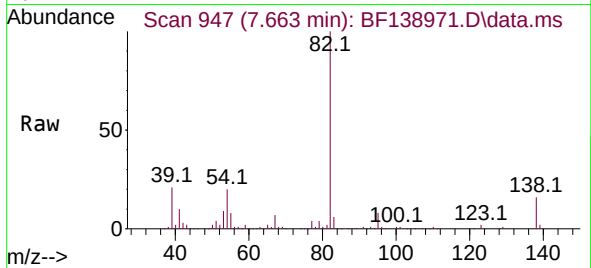
Tgt Ion: 77 Resp: 171899
Ion Ratio Lower Upper
77 100
123 41.9 33.3 49.9
65 15.5 11.9 17.9





#25
Isophorone
Concen: 58.223 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

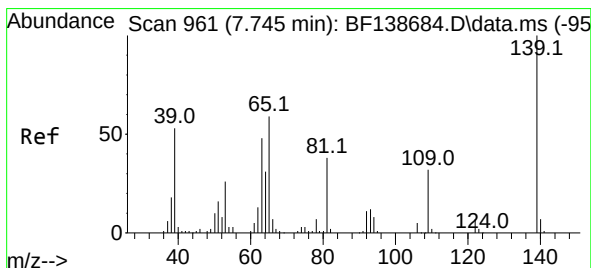
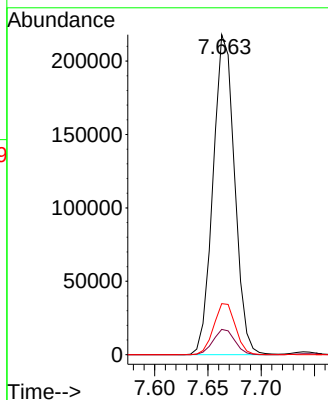
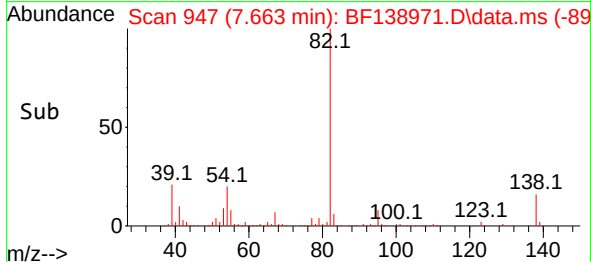
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



Tgt Ion: 82 Resp: 306400
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 15.9 13.7 20.5

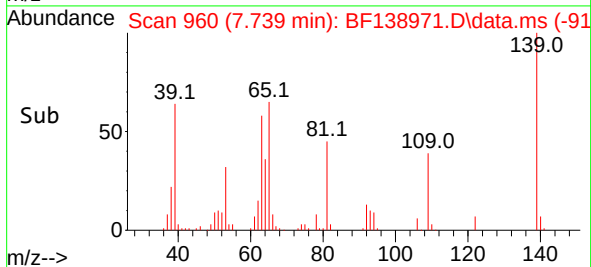
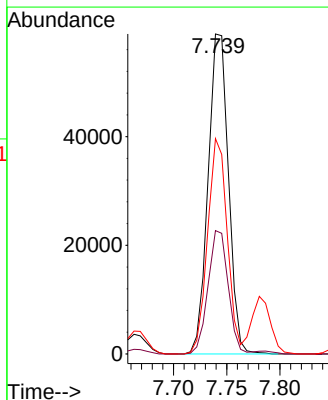
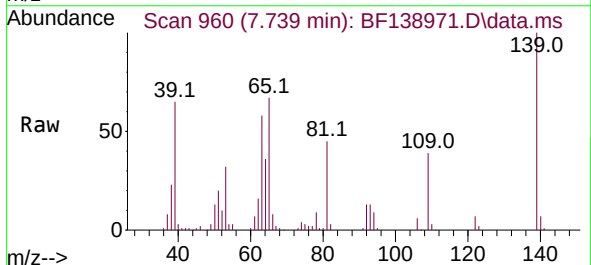
Manual Integrations
APPROVED

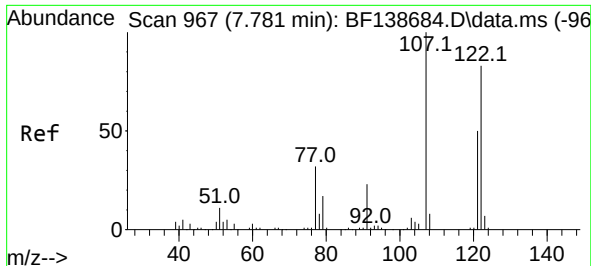
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#26
2-Nitrophenol
Concen: 58.132 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

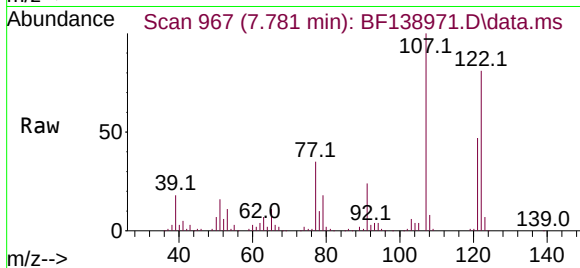
Tgt Ion:139 Resp: 78436
Ion Ratio Lower Upper
139 100
109 38.6 25.9 38.9
65 67.3 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 63.084 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

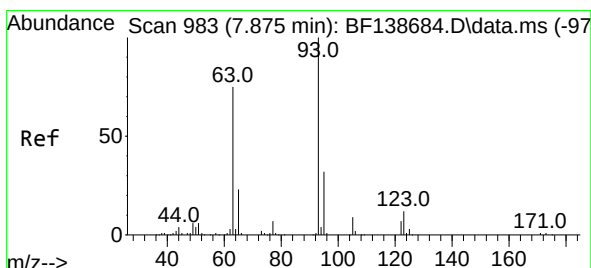
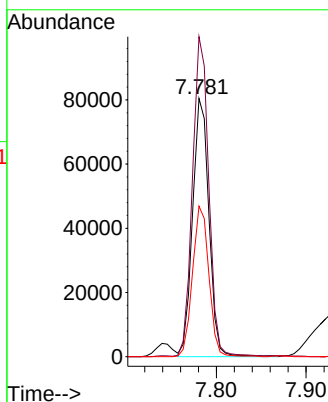
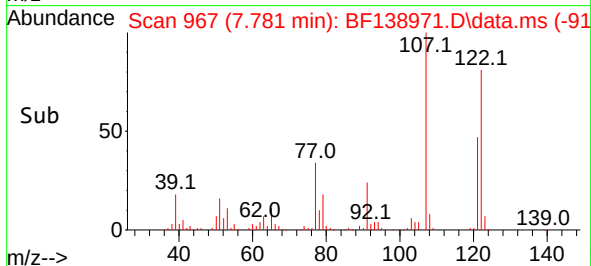
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



Tgt Ion:122 Resp: 101840
Ion Ratio Lower Upper
122 100
107 123.9 95.0 142.6
121 58.3 47.3 70.9

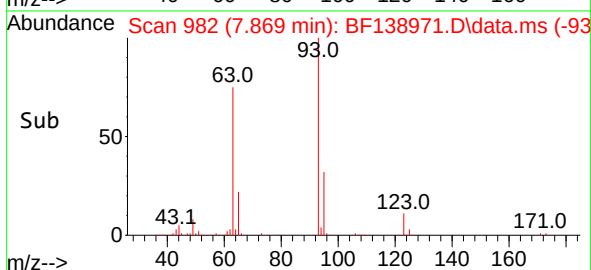
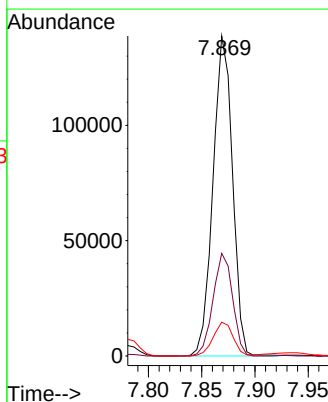
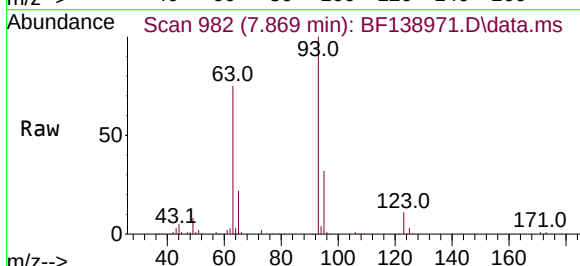
Manual Integrations
APPROVED

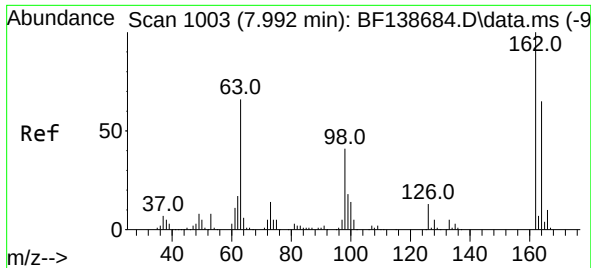
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#28
bis(2-Chloroethoxy)methane
Concen: 55.063 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

Tgt Ion: 93 Resp: 176466
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.8
123 10.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 58.663 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138971.D

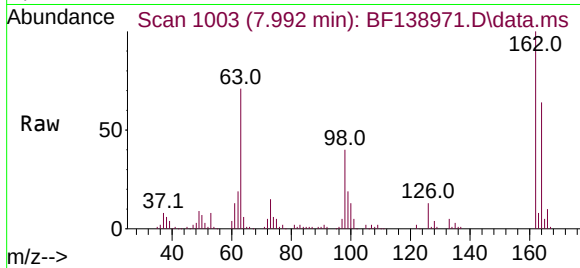
Acq: 13 Aug 2024 13:17

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MSD



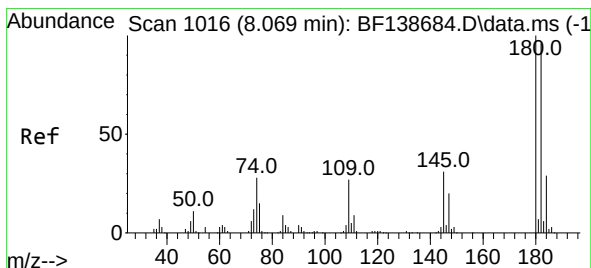
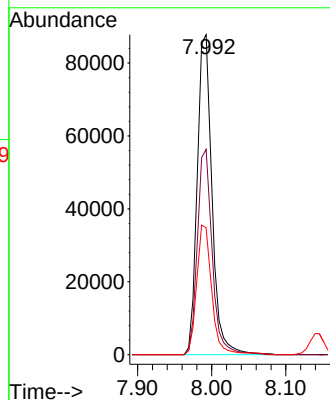
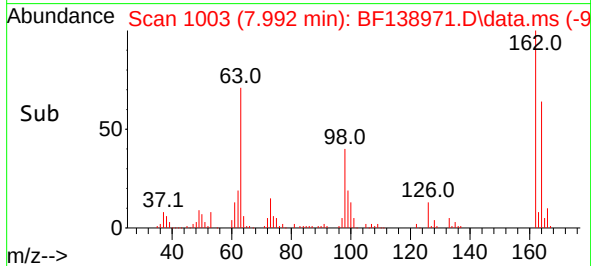
Tgt Ion:162	Resp:	12169
Ion Ratio	Lower	Upper
162	100	
164	64.2	44.7 84.7
98	39.7	20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#30

1,2,4-Trichlorobenzene

Concen: 55.858 ng

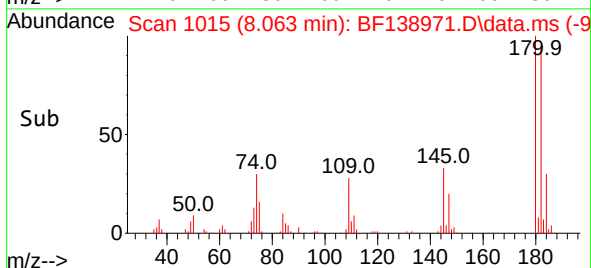
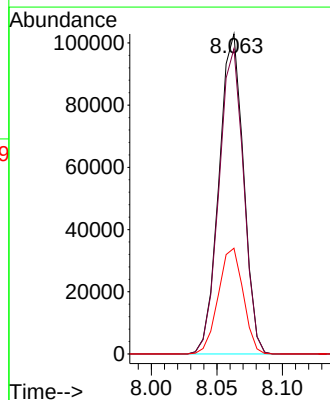
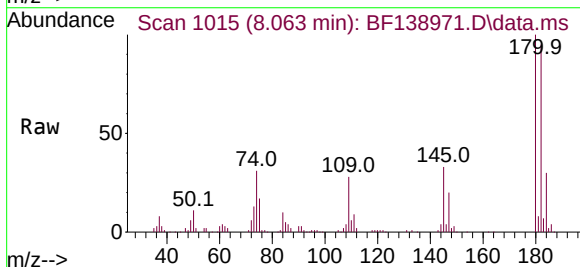
RT: 8.063 min Scan# 1015

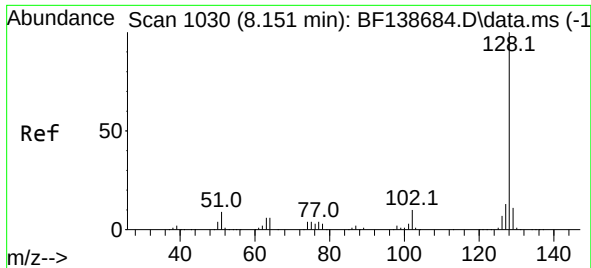
Delta R.T. -0.006 min

Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

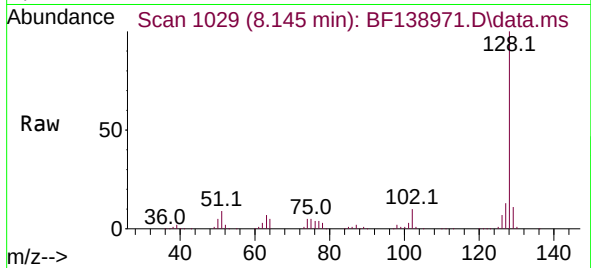
Tgt Ion:180	Resp:	133722
Ion Ratio	Lower	Upper
180	100	
182	95.4	76.9 115.3
145	33.0	25.0 37.4





#31
Naphthalene
Concen: 55.991 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

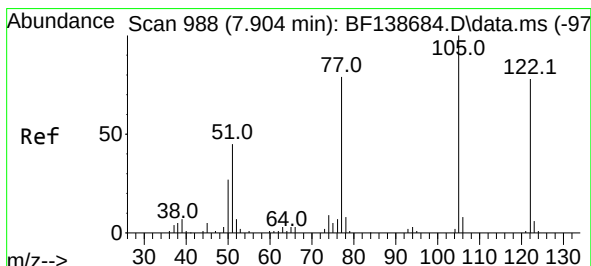
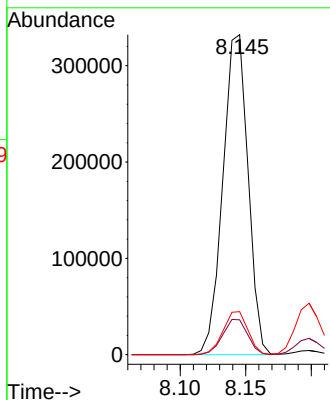
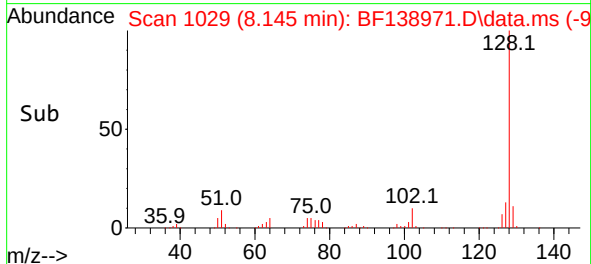
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



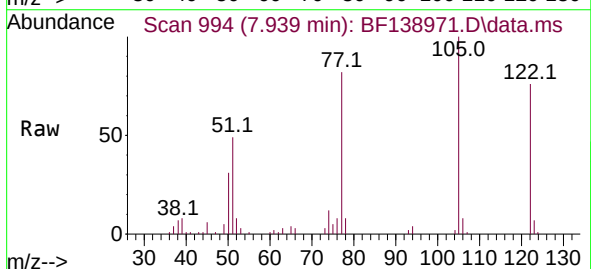
Tgt Ion:128 Resp: 444093
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.6 16.0

Manual Integrations
APPROVED

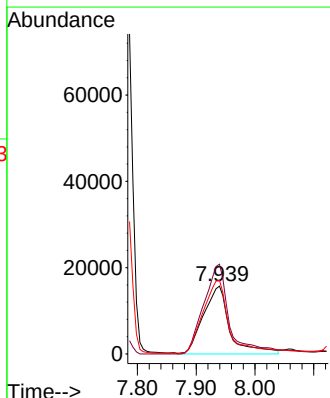
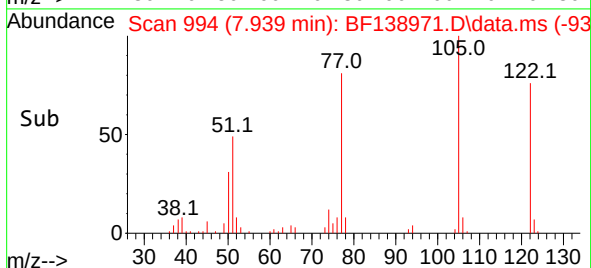
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

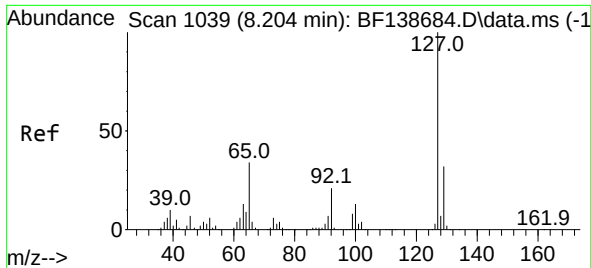


#32
Benzoic acid
Concen: 38.626 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.035 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17



Tgt Ion:122 Resp: 49017
Ion Ratio Lower Upper
122 100
105 132.2 106.7 146.7
77 108.6 81.1 121.1





#33

4-Chloroaniline

Concen: 30.256 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MSD

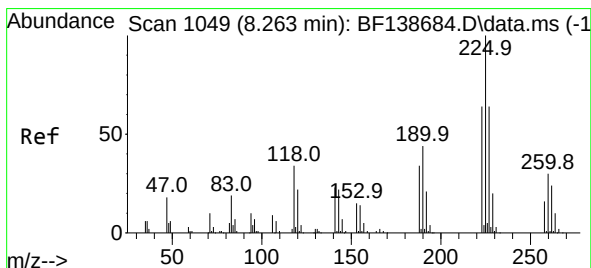
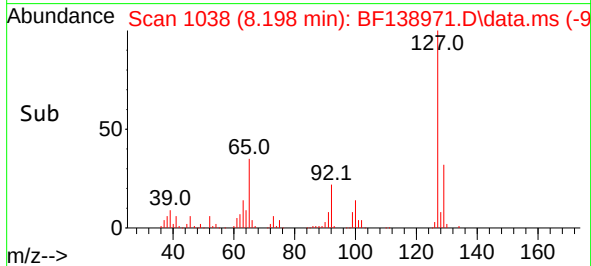
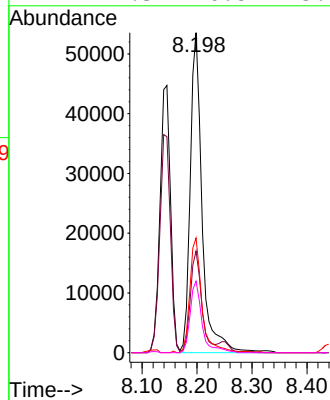
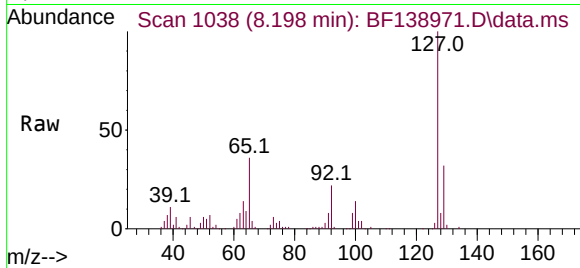
Tgt Ion:	127	Resp:	8055
Ion Ratio	Lower	Upper	
127	100		
129	31.8	25.9	38.9
65	35.8	27.6	41.4
92	22.3	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#34

Hexachlorobutadiene

Concen: 57.361 ng

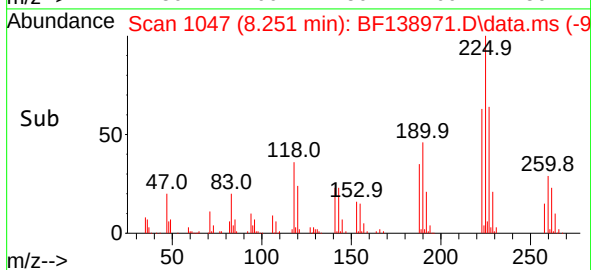
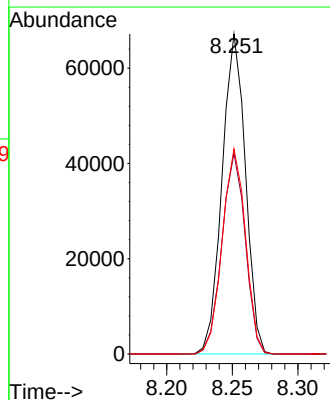
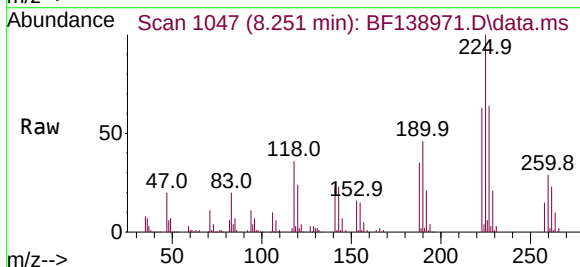
RT: 8.251 min Scan# 1047

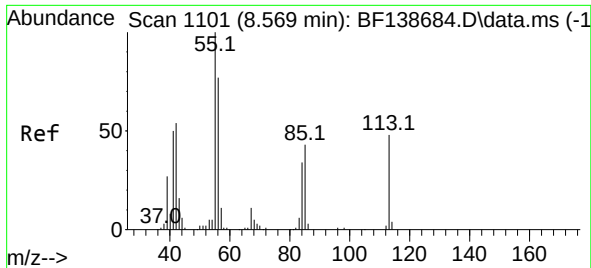
Delta R.T. -0.012 min

Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

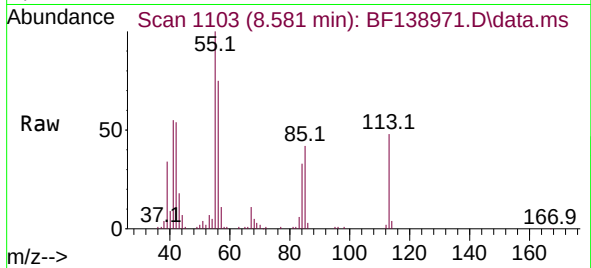
Tgt Ion:	225	Resp:	83174
Ion Ratio	Lower	Upper	
225	100		
223	62.6	51.2	76.8
227	64.1	51.1	76.7





#35
Caprolactam
Concen: 56.601 ng m
RT: 8.581 min Scan# 1103
Delta R.T. 0.012 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

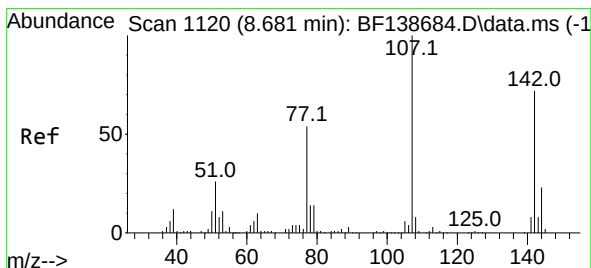
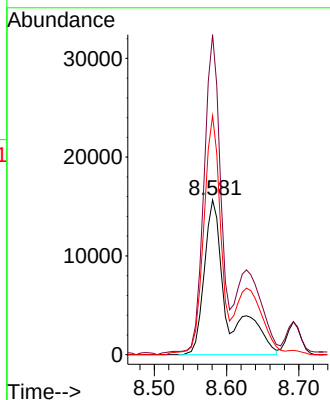
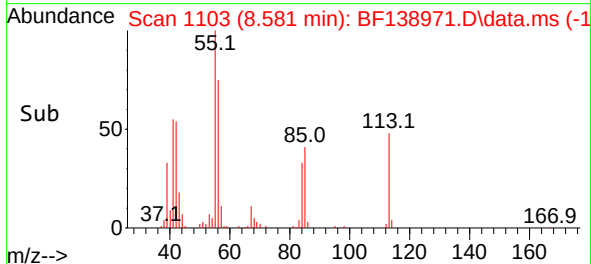
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



Tgt Ion:113 Resp: 3503
Ion Ratio Lower Upper
113 100
55 206.8 186.7 226.7
56 154.4 138.9 178.9

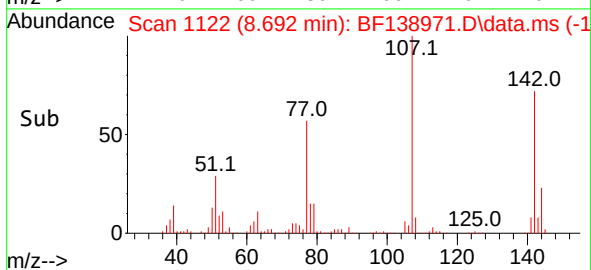
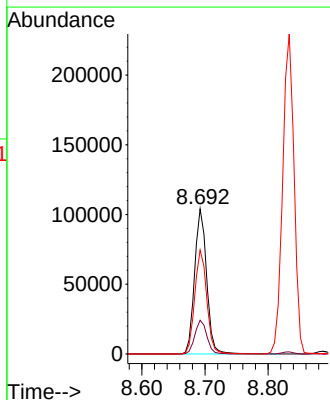
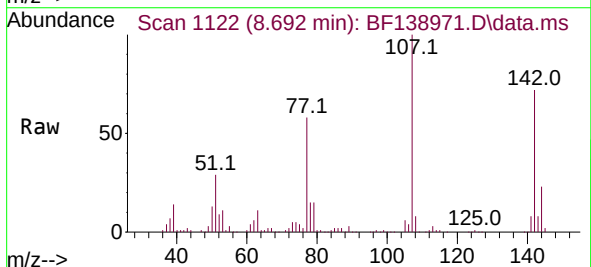
Manual Integrations
APPROVED

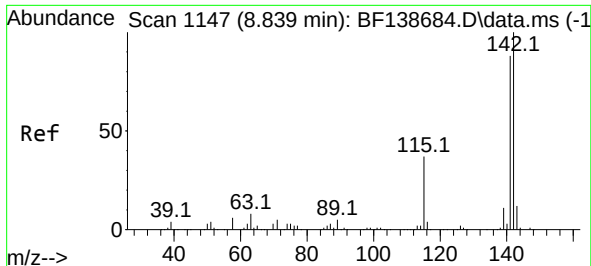
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#36
4-Chloro-3-methylphenol
Concen: 58.259 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

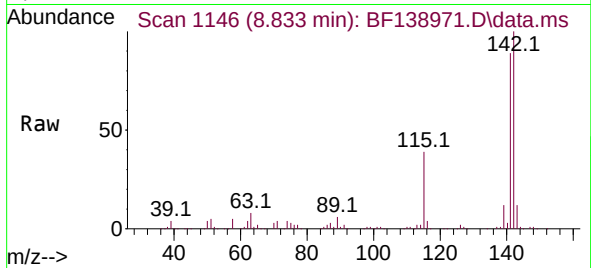
Tgt Ion:107 Resp: 138118
Ion Ratio Lower Upper
107 100
144 23.2 18.2 27.2
142 71.7 57.4 86.2





#37
2-Methylnaphthalene
Concen: 57.307 ng
RT: 8.833 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

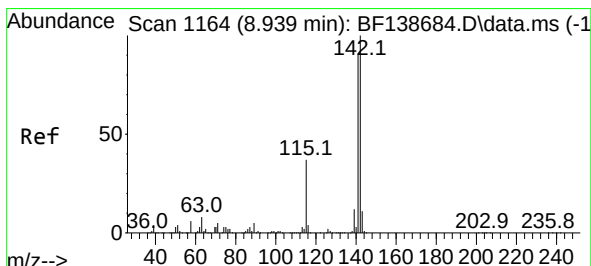
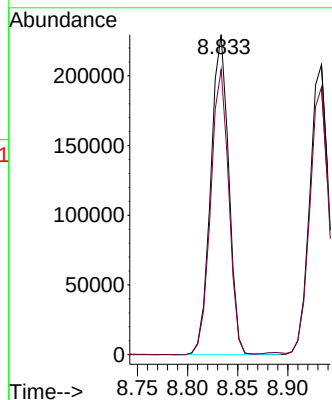
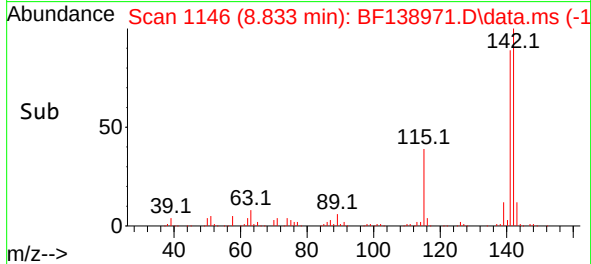
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



Tgt Ion:142 Resp: 28706
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2

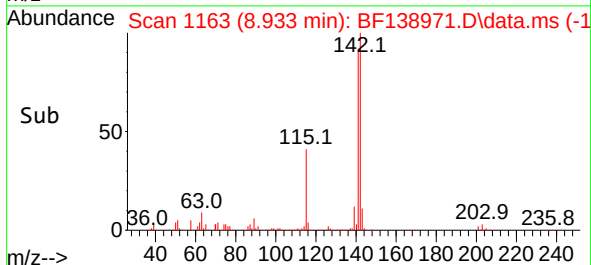
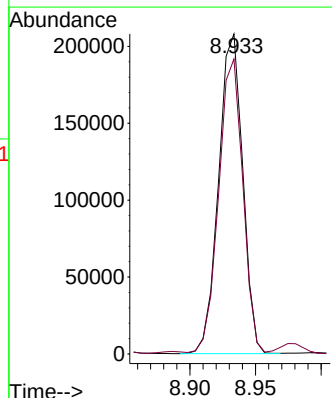
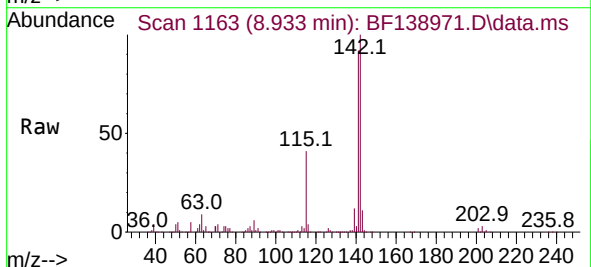
Manual Integrations
APPROVED

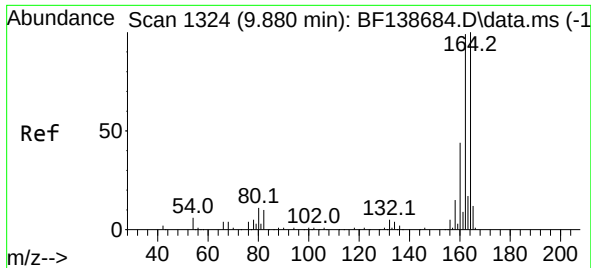
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#38
1-Methylnaphthalene
Concen: 54.121 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

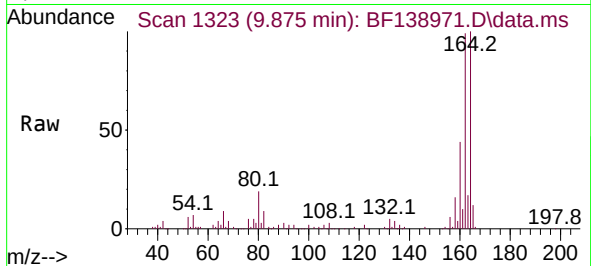
Tgt Ion:142 Resp: 265654
Ion Ratio Lower Upper
142 100
141 92.2 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1174
Delta R.T. -0.005 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

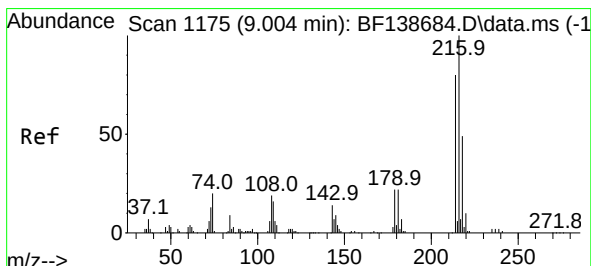
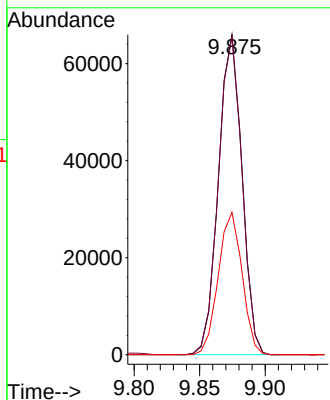
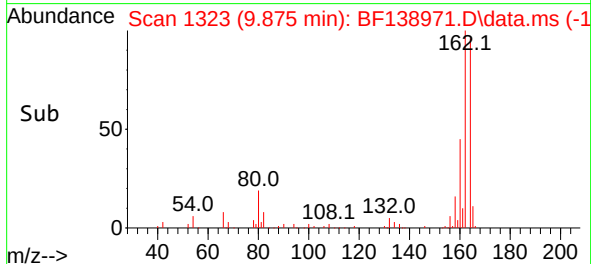
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



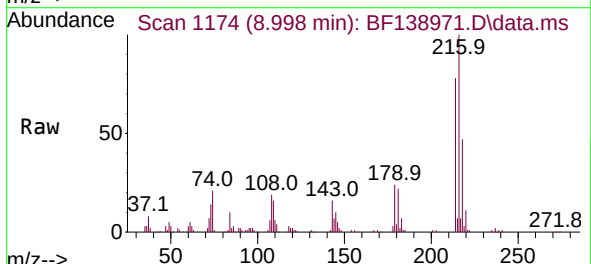
Tgt Ion:164 Resp: 82249
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.0
160 44.4 35.1 52.7

Manual Integrations
APPROVED

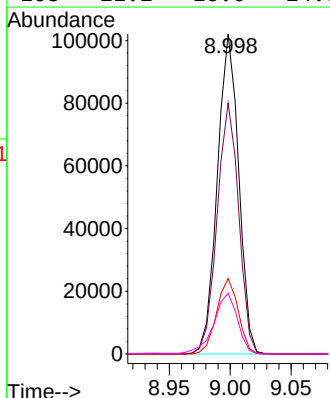
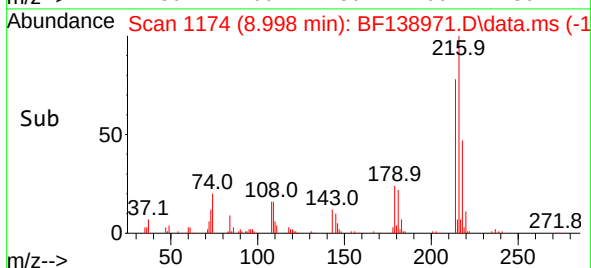
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

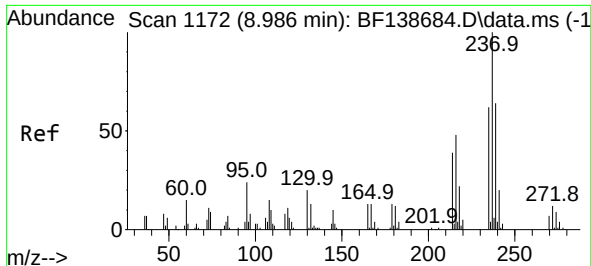


#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.503 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17



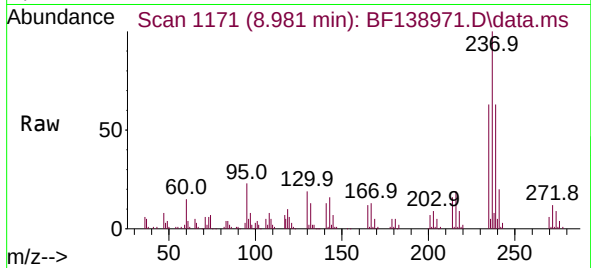
Tgt Ion:216 Resp: 124527
Ion Ratio Lower Upper
216 100
214 78.9 63.9 95.9
179 23.7 17.8 26.6
108 21.2 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 104.175 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

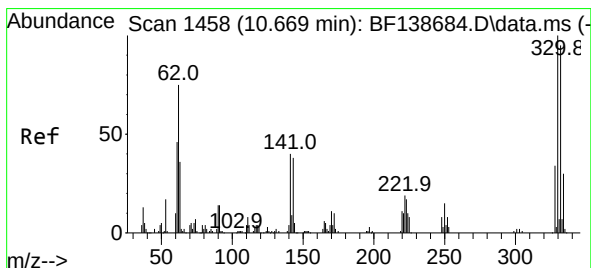
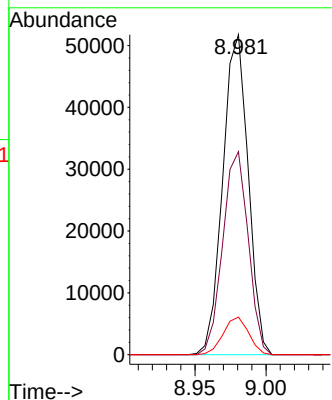
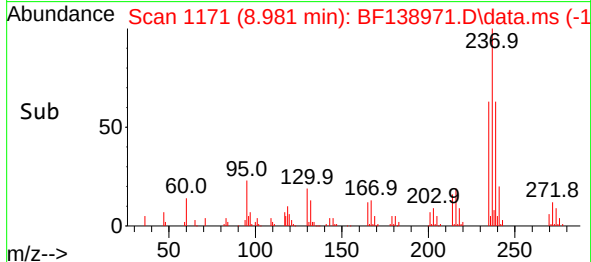
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



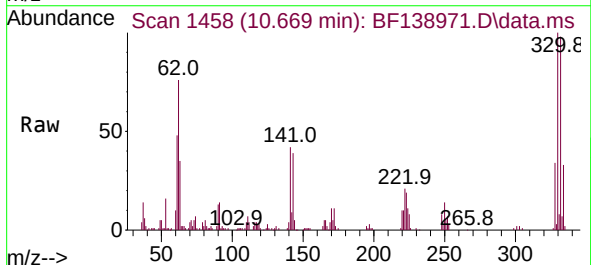
Tgt Ion: 237 Resp: 64394
Ion Ratio Lower Upper
237 100
235 63.5 41.8 81.8
272 11.7 0.0 32.2

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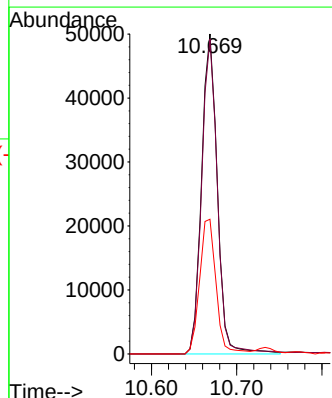
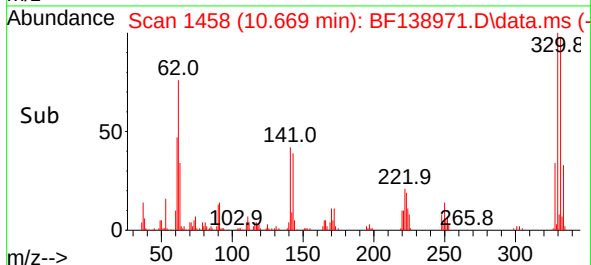
Reviewed By : Yogesh Patel 08/14/2024
Supervised By : mohammad ahmed 08/14/2024

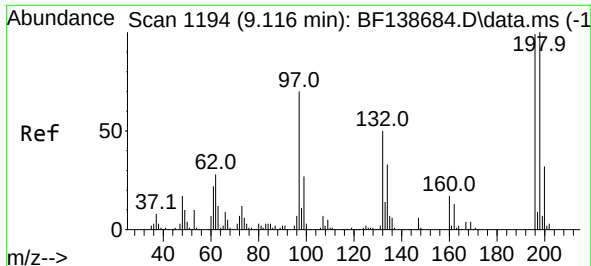


#42
2,4,6-Tribromophenol
Concen: 95.477 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17



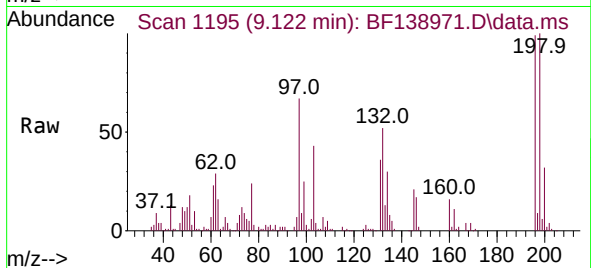
Tgt Ion: 330 Resp: 64326
Ion Ratio Lower Upper
330 100
332 98.3 76.4 114.6
141 44.0 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 56.068 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

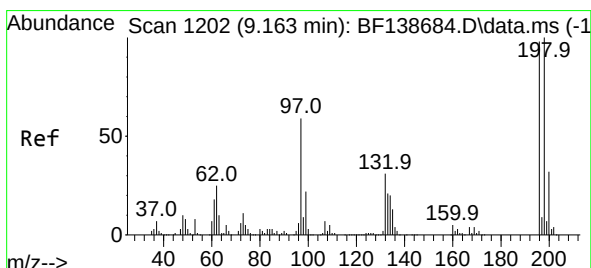
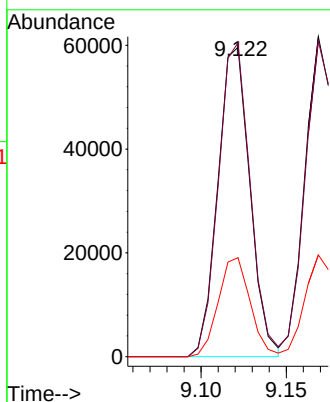
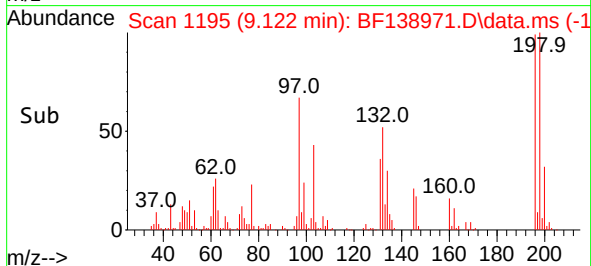
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



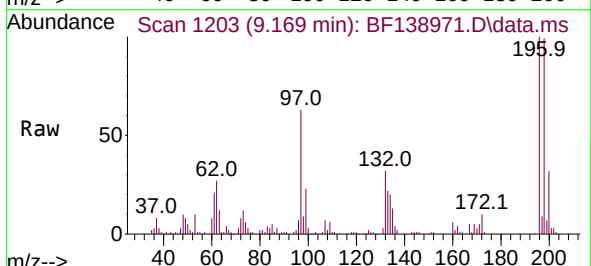
Tgt Ion:196 Resp: 78100
Ion Ratio Lower Upper
196 100
198 101.4 80.5 120.7
200 32.0 25.9 38.9

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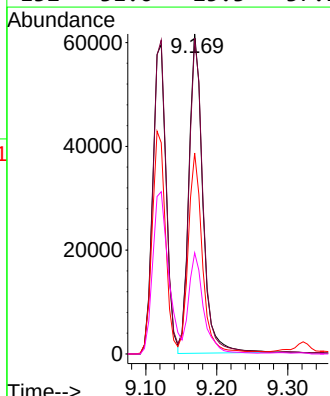
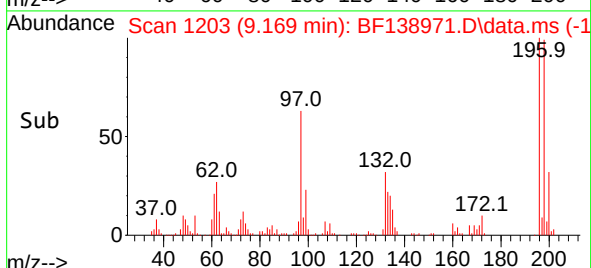
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

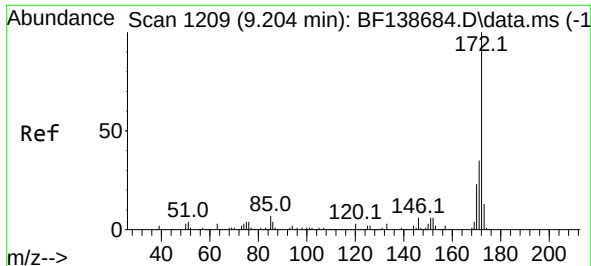


#44
2,4,5-Trichlorophenol
Concen: 55.057 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17



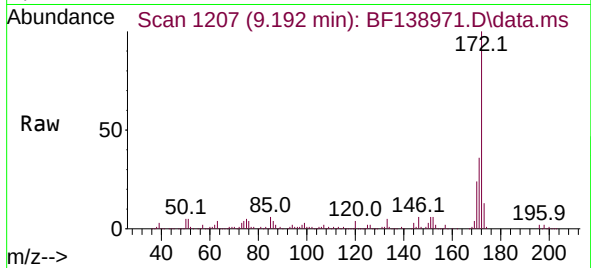
Tgt Ion:196 Resp: 83846
Ion Ratio Lower Upper
196 100
198 98.6 81.2 121.8
97 62.8 47.8 71.6
132 31.6 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 59.991 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

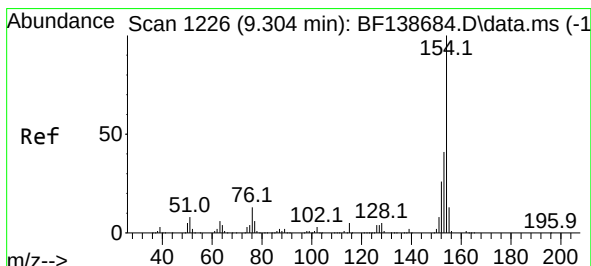
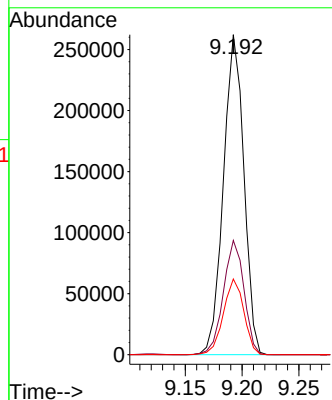
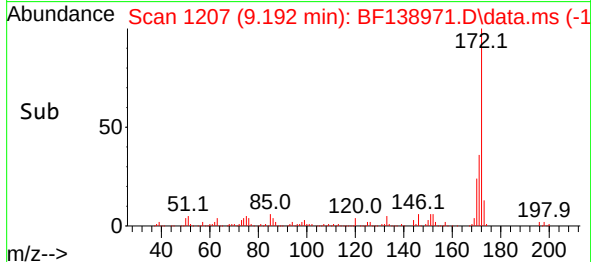
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



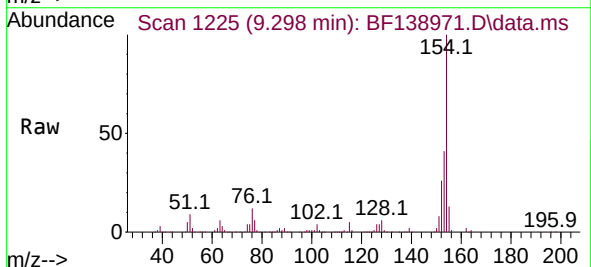
Tgt Ion:172 Resp: 328400
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.6 18.8 28.2

Manual Integrations
APPROVED

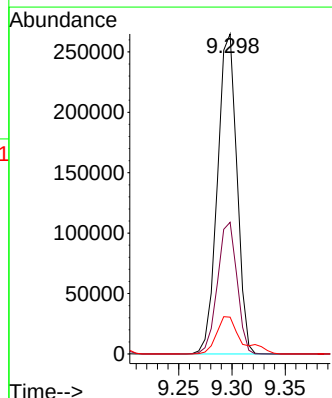
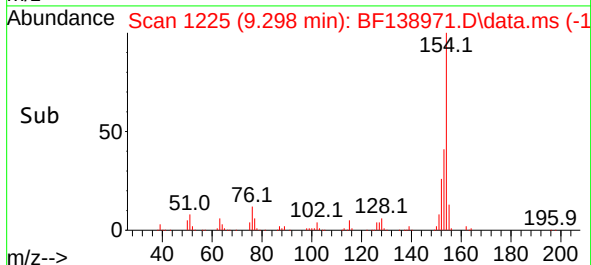
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

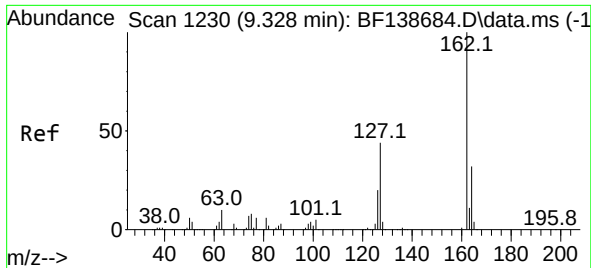


#46
1,1'-Biphenyl
Concen: 51.977 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17



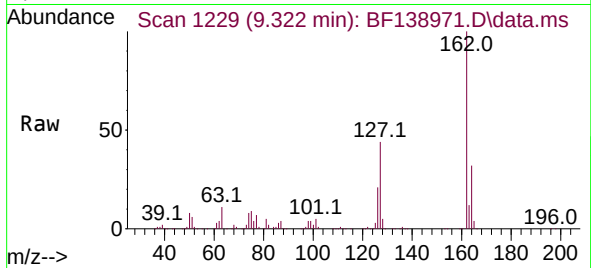
Tgt Ion:154 Resp: 334819
Ion Ratio Lower Upper
154 100
153 41.1 20.8 60.8
76 11.5 0.0 32.8





#47
2-Chloronaphthalene
Concen: 55.840 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

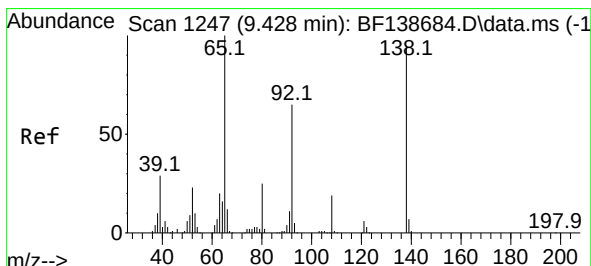
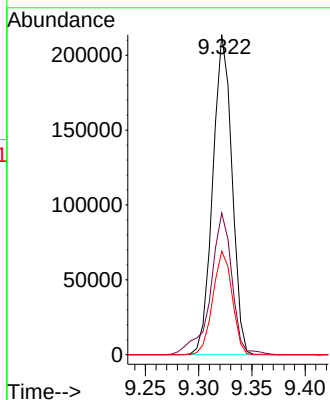
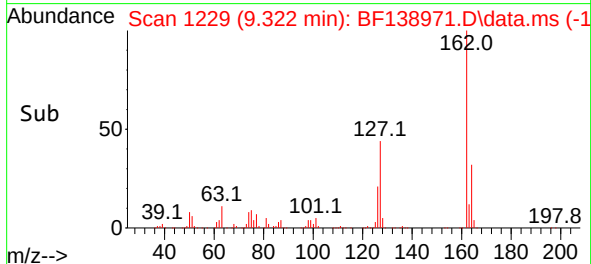
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



Tgt Ion:162 Resp: 267519
Ion Ratio Lower Upper
162 100
127 44.3 35.4 53.2
164 32.4 25.6 38.4

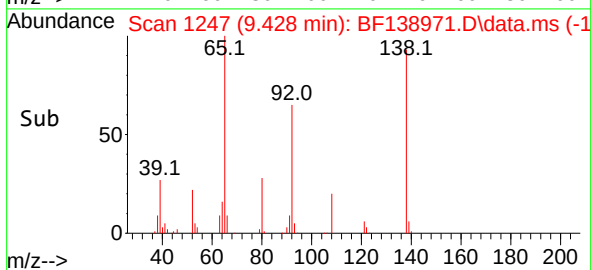
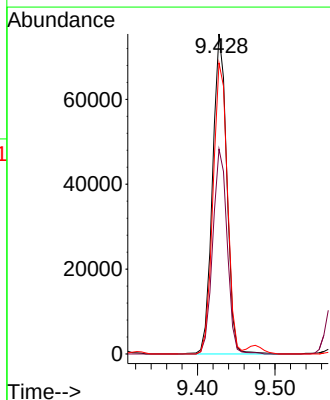
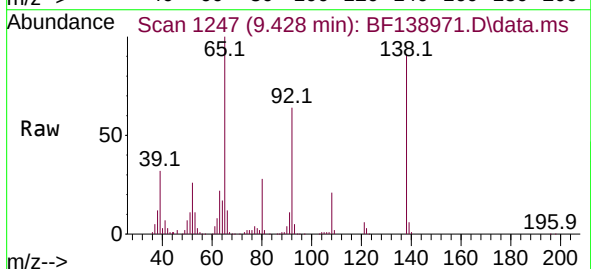
Manual Integrations
APPROVED

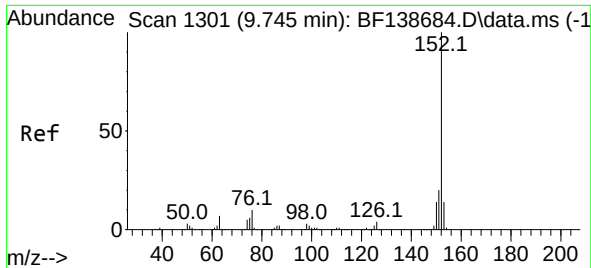
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#48
2-Nitroaniline
Concen: 59.259 ng
RT: 9.428 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

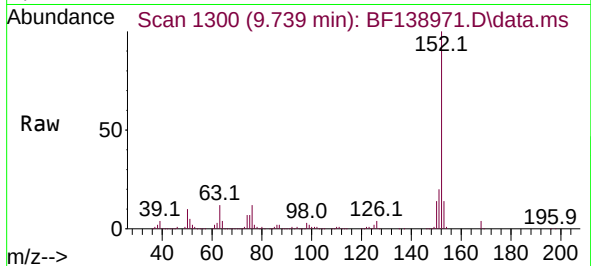
Tgt Ion: 65 Resp: 96246
Ion Ratio Lower Upper
65 100
92 64.1 52.0 78.0
138 91.0 76.2 114.4





#49
Acenaphthylene
Concen: 60.881 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

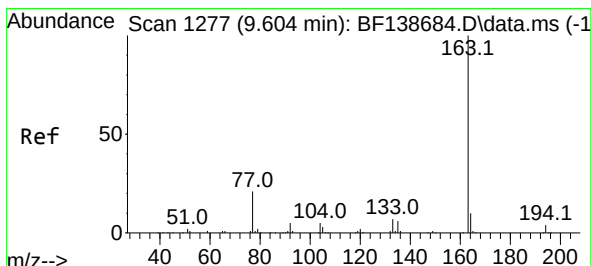
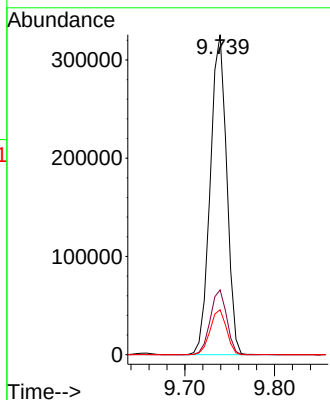
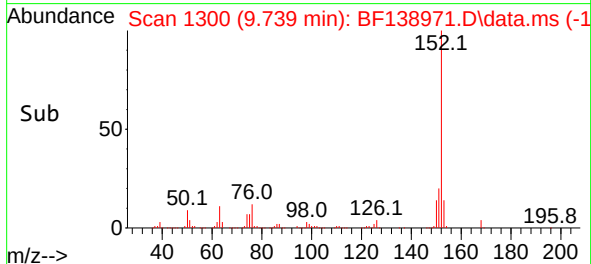
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



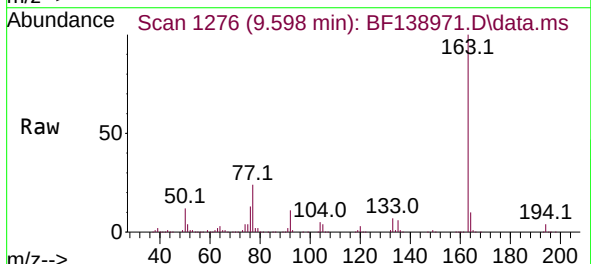
Tgt Ion:152 Resp: 413674
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 14.0 11.0 16.4

Manual Integrations
APPROVED

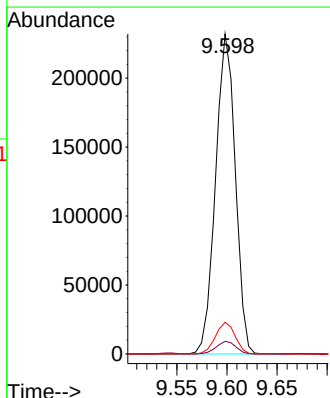
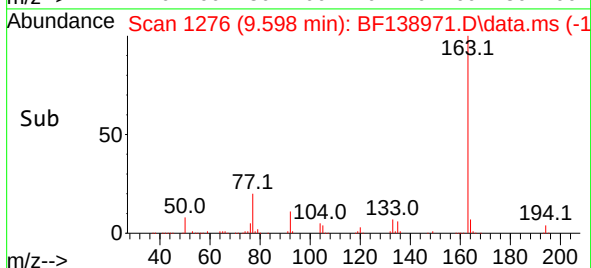
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

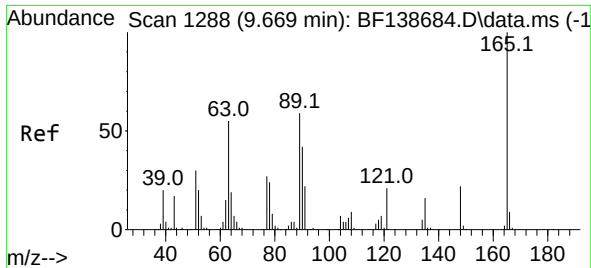


#50
Dimethylphthalate
Concen: 60.366 ng
RT: 9.598 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17



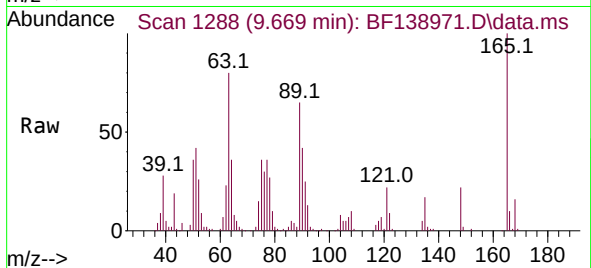
Tgt Ion:163 Resp: 317471
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.9 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 56.947 ng
RT: 9.669 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

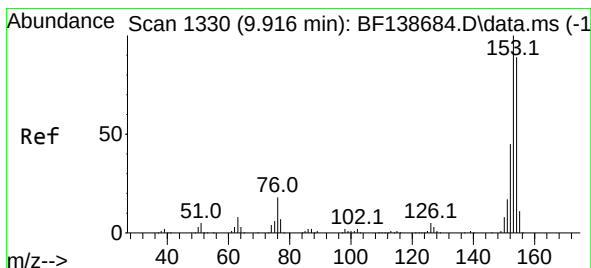
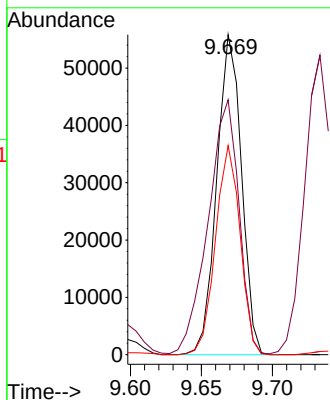
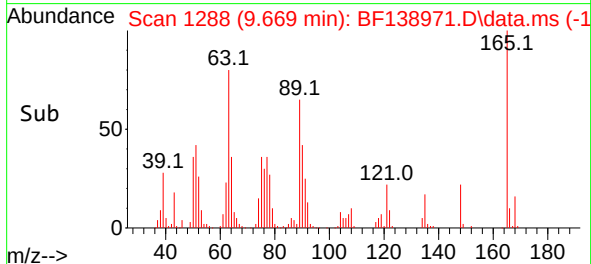
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



Tgt Ion:165 Resp: 67589
Ion Ratio Lower Upper
165 100
63 79.6 52.0 78.0
89 65.3 47.0 70.6

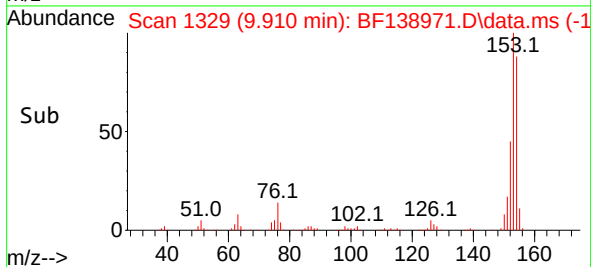
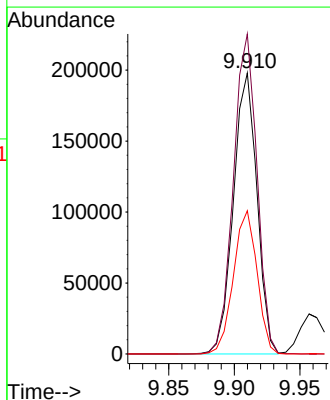
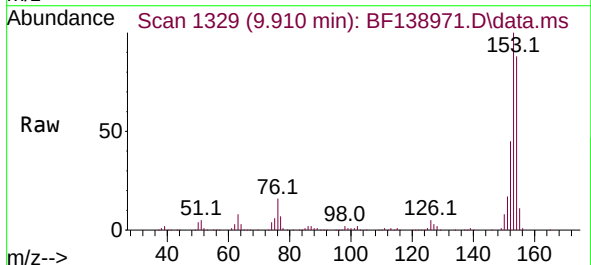
Manual Integrations
APPROVED

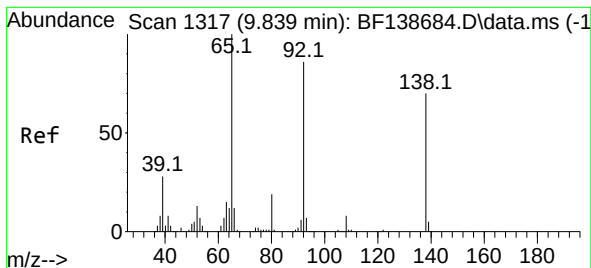
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#52
Acenaphthene
Concen: 54.406 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

Tgt Ion:154 Resp: 248503
Ion Ratio Lower Upper
154 100
153 113.9 89.9 134.9
152 51.0 40.6 60.8





#53

3-Nitroaniline

Concen: 39.474 ng

RT: 9.839 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MSD

Tgt Ion:138 Resp: 4843

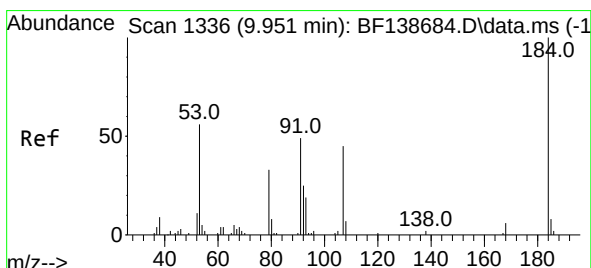
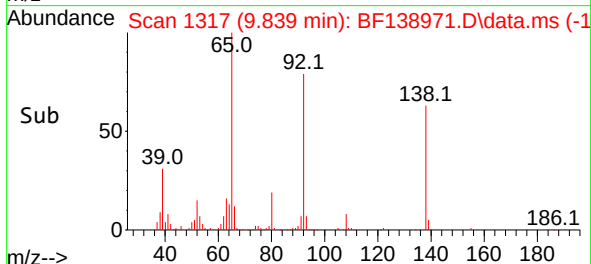
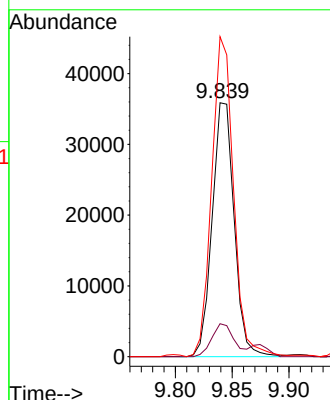
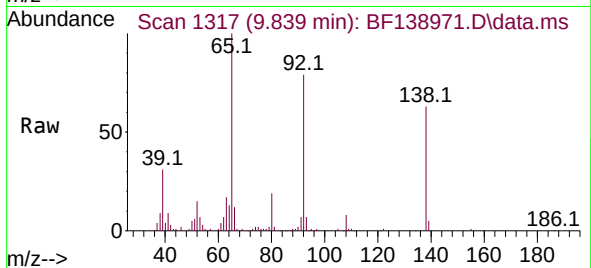
Ion	Ratio	Lower	Upper
138	100		
108	13.0	9.1	13.7
92	126.0	98.7	148.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#54

2,4-Dinitrophenol

Concen: 95.918 ng

RT: 9.957 min Scan# 1337

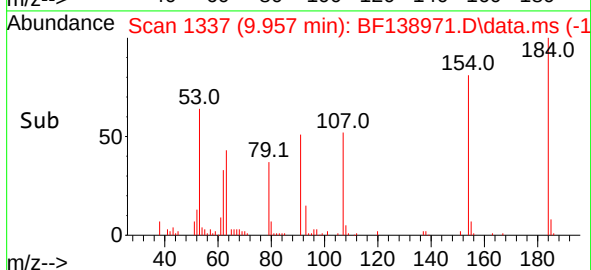
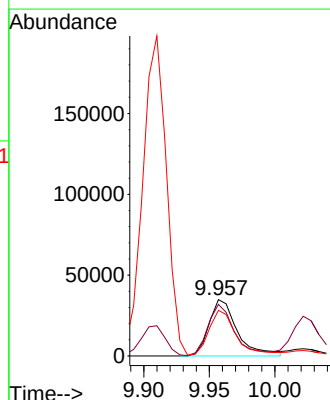
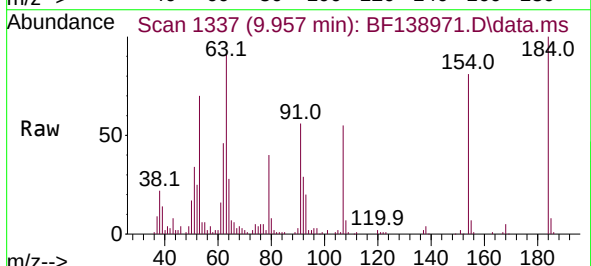
Delta R.T. 0.006 min

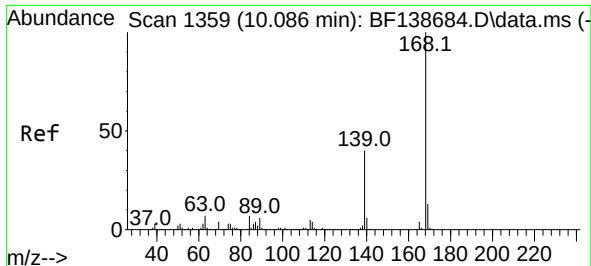
Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

Tgt Ion:184 Resp: 52406

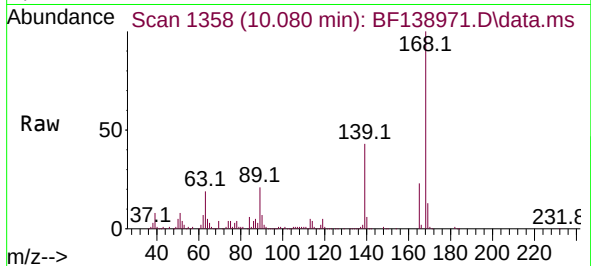
Ion	Ratio	Lower	Upper
184	100		
63	91.5	57.5	86.3#
154	80.9	51.7	77.5#





#55
Dibenzofuran
Concen: 57.476 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

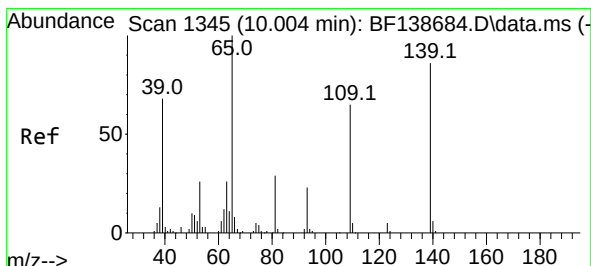
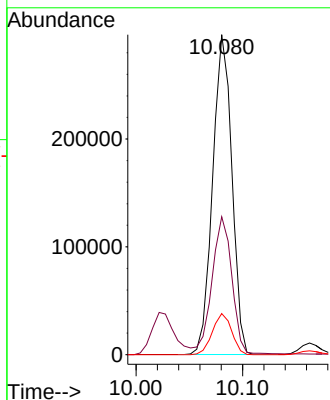
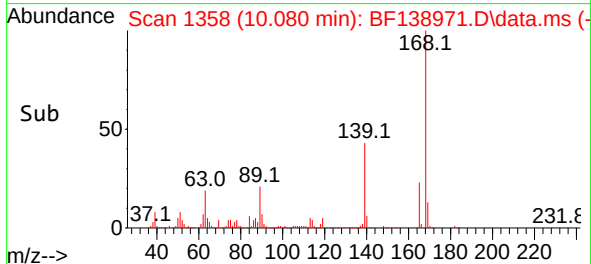
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



Tgt Ion:168 Resp: 37058
Ion Ratio Lower Upper
168 100
139 43.1 32.6 49.0
169 12.9 10.7 16.1

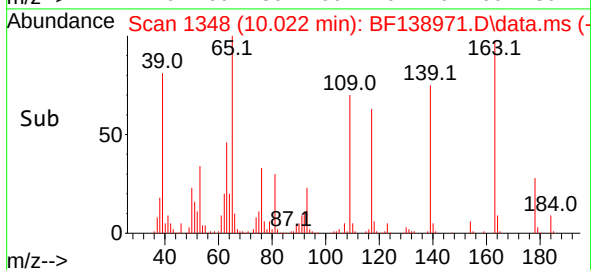
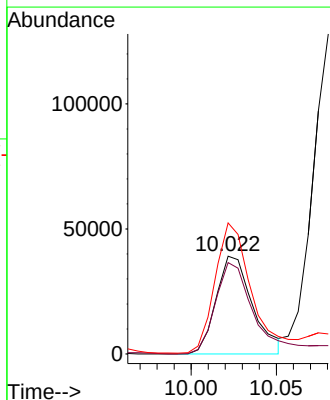
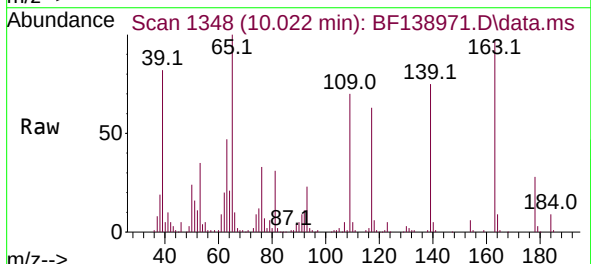
Manual Integrations
APPROVED

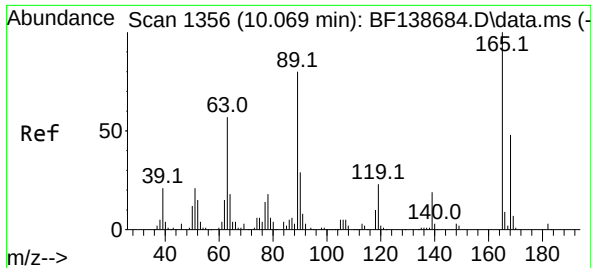
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#56
4-Nitrophenol
Concen: 78.906 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

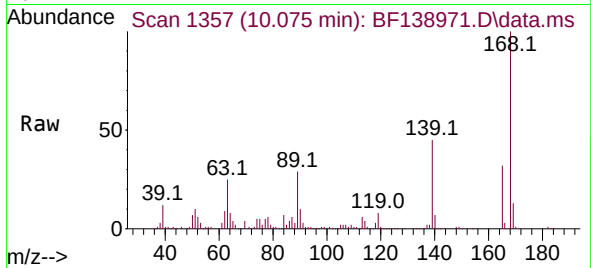
Tgt Ion:139 Resp: 58220
Ion Ratio Lower Upper
139 100
109 93.4 55.5 95.5
65 133.9 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 58.851 ng
RT: 10.075 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

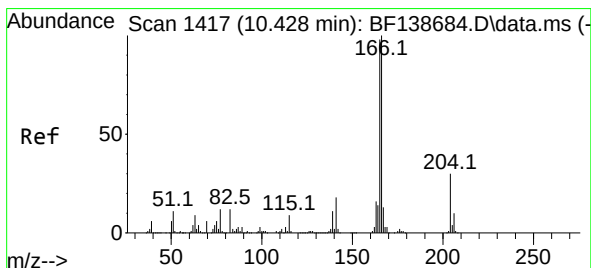
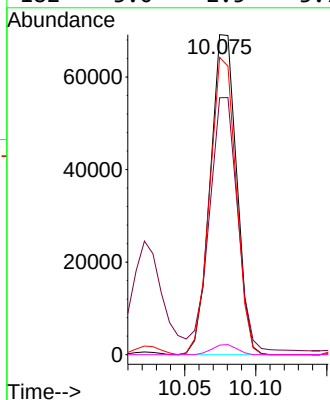
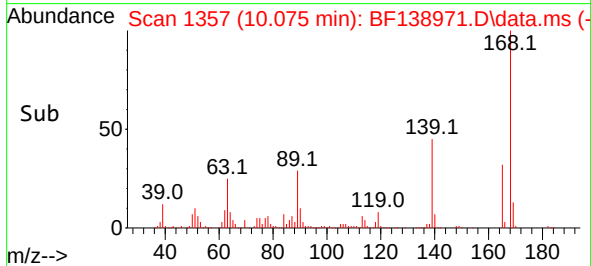
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



Tgt Ion:165 Resp: 89110
Ion Ratio Lower Upper
165 100
63 80.3 46.3 69.5
89 92.9 64.2 96.4
182 3.0 2.5 3.7

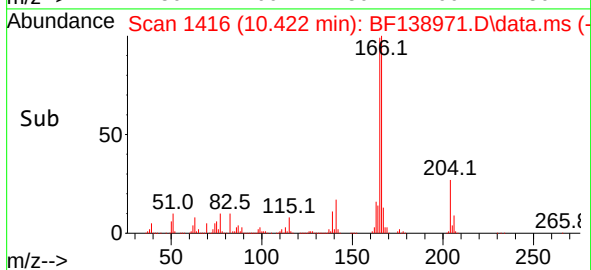
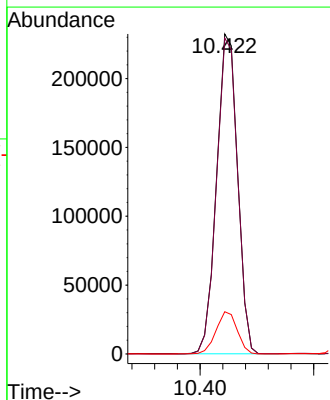
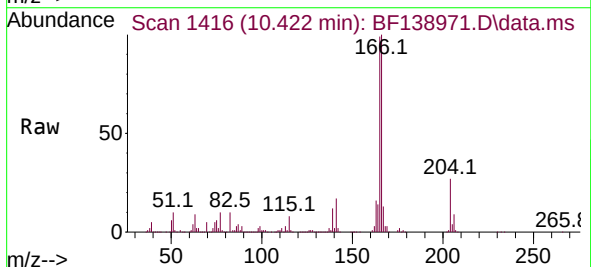
Manual Integrations
APPROVED

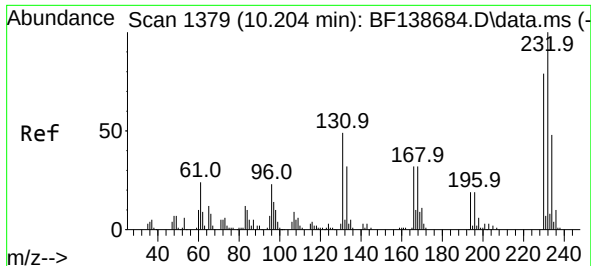
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#58
Fluorene
Concen: 58.067 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

Tgt Ion:166 Resp: 298144
Ion Ratio Lower Upper
166 100
165 98.7 78.4 117.6
167 13.2 10.6 16.0





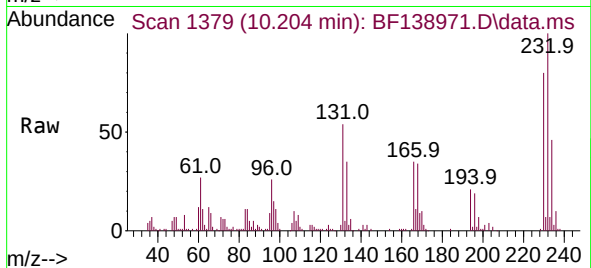
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.098 ng
RT: 10.204 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MSD



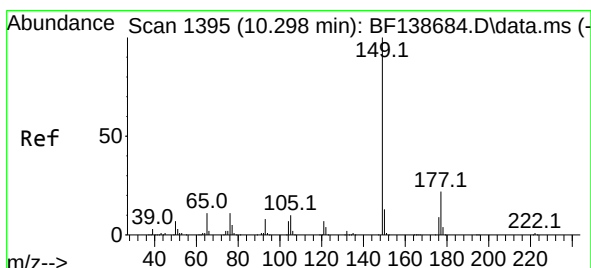
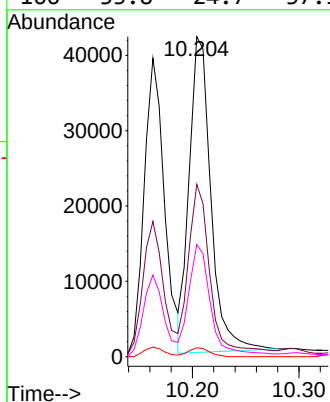
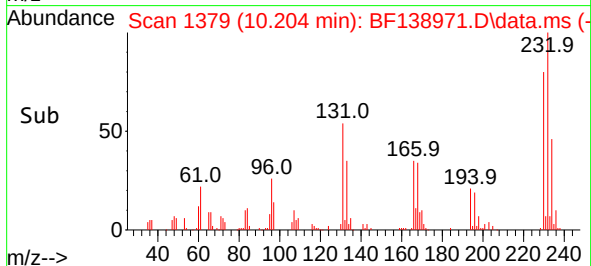
Tgt Ion:232 Resp: 5949
Ion Ratio Lower Upper
232 100
131 53.7 37.0 55.4
130 2.7 2.0 3.0
166 33.8 24.7 37.1

Manual Integrations

APPROVED

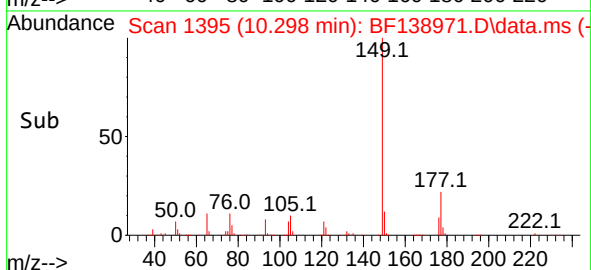
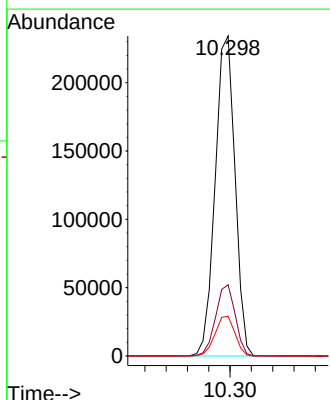
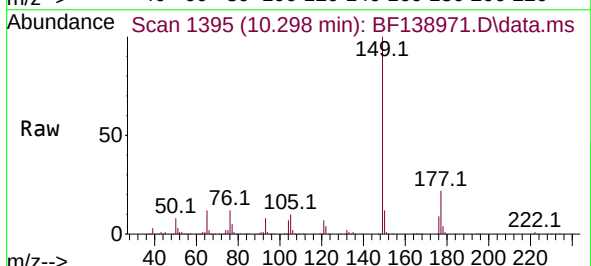
Reviewed By :Yogesh Patel 08/14/2024

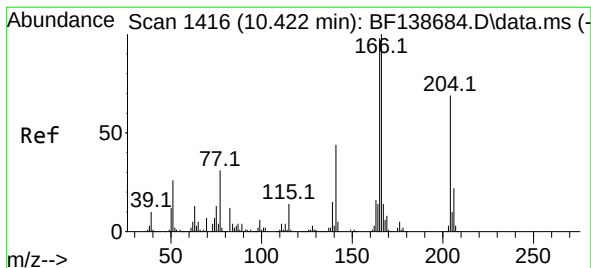
Supervised By :mohammad ahmed 08/14/2024



#60
Diethylphthalate
Concen: 60.580 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

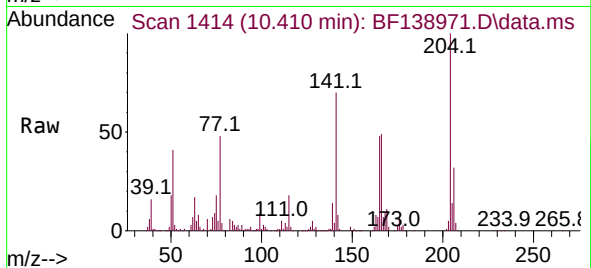
Tgt Ion:149 Resp: 302083
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 58.238 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

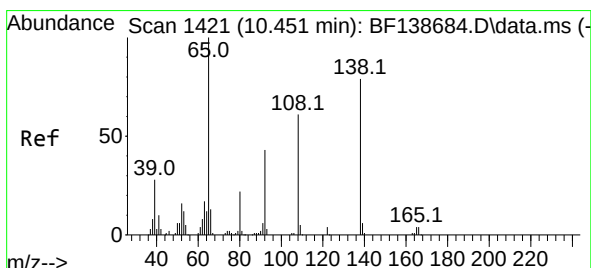
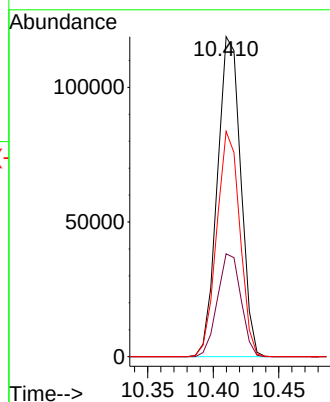
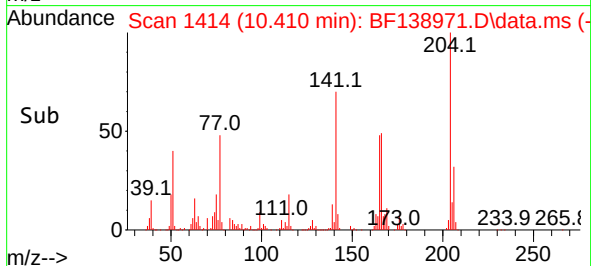
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



Tgt Ion:204 Resp: 14706
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 70.4 51.4 77.0

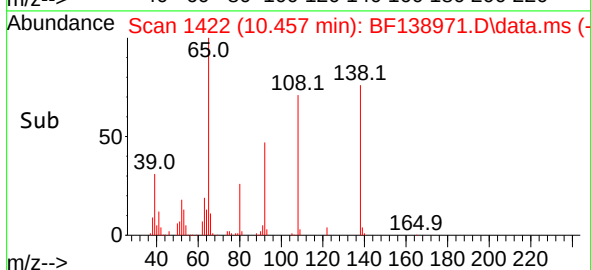
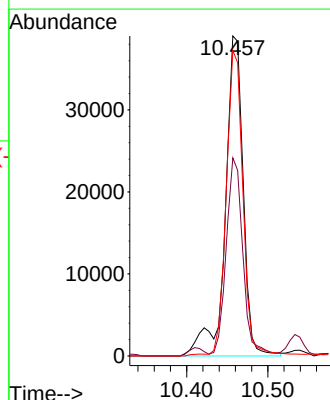
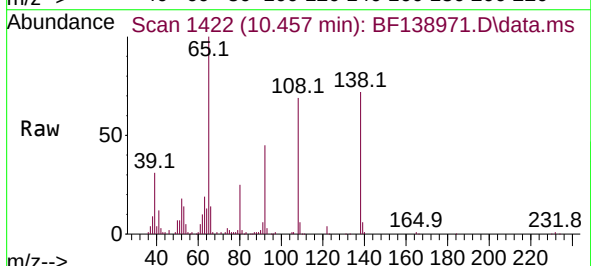
Manual Integrations
APPROVED

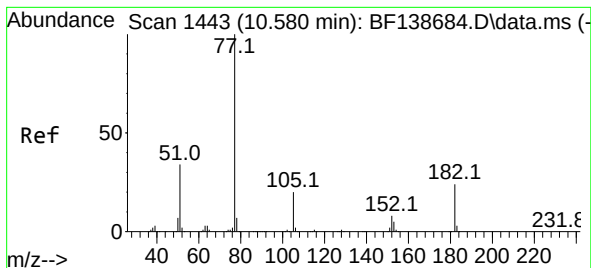
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#62
4-Nitroaniline
Concen: 51.410 ng m
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

Tgt Ion:138 Resp: 59944
Ion Ratio Lower Upper
138 100
92 61.9 34.2 74.2
108 95.5 56.2 96.2





#63

Azobenzene

Concen: 57.065 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF138971.D

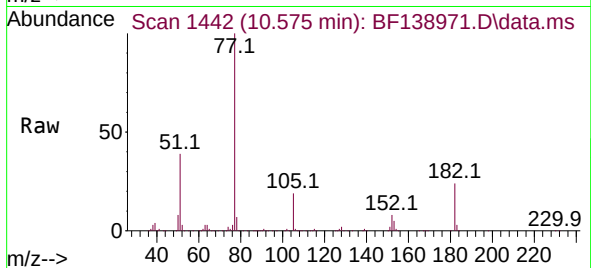
Acq: 13 Aug 2024 13:17

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MSD



Tgt Ion: 77 Resp: 31560

Ion Ratio Lower Upper

77 100

182 23.7 3.4 43.4

105 19.3 0.2 40.2

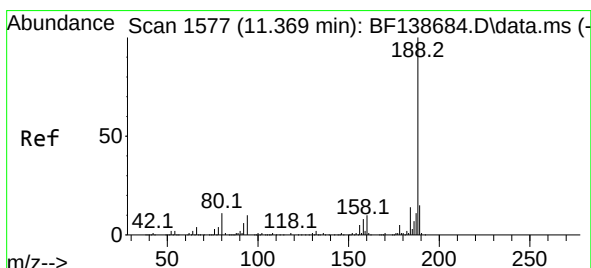
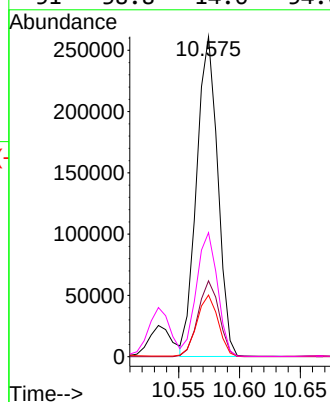
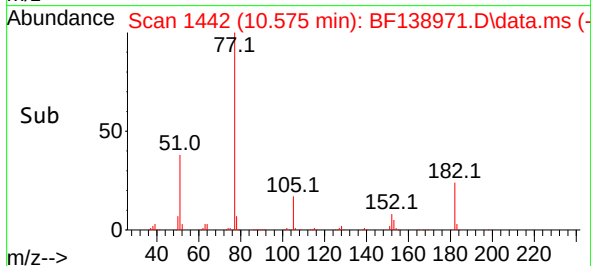
51 38.8 14.6 54.6

Manual Integrations

APPROVED

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: BF138971.D

Acq: 13 Aug 2024 13:17

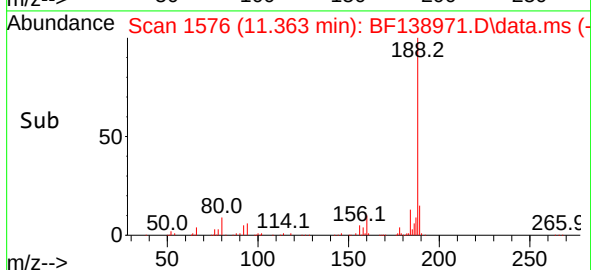
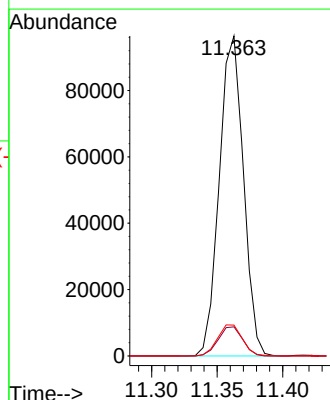
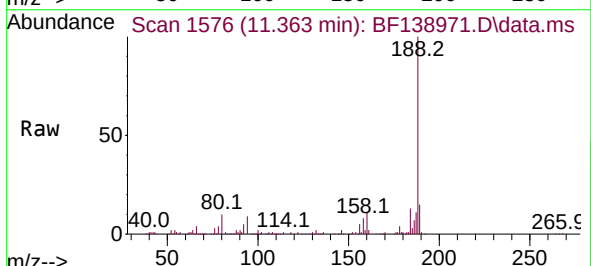
Tgt Ion:188 Resp: 123244

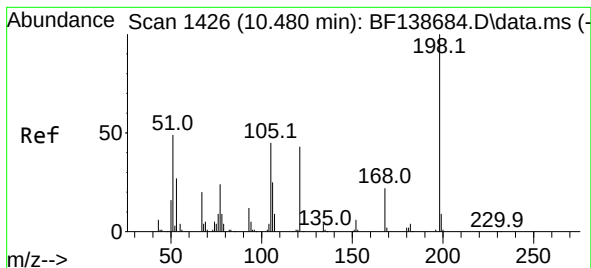
Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

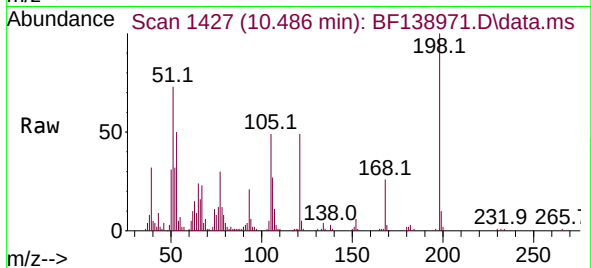
80 9.7 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 58.276 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

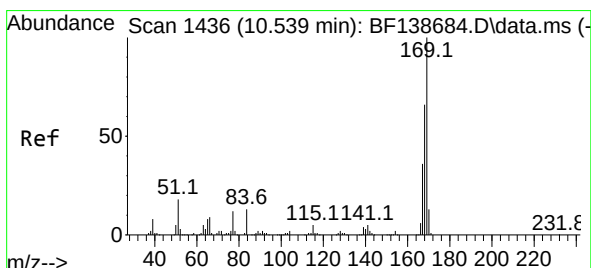
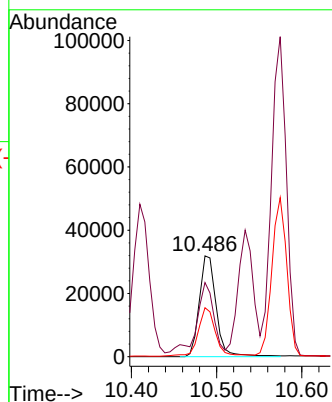
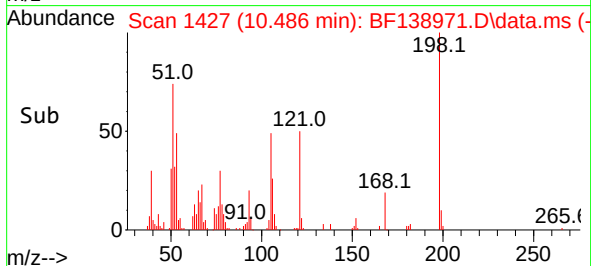
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



Tgt Ion:198 Resp: 4381
Ion Ratio Lower Upper
198 100
51 73.4 39.9 79.9
105 48.5 26.1 66.1

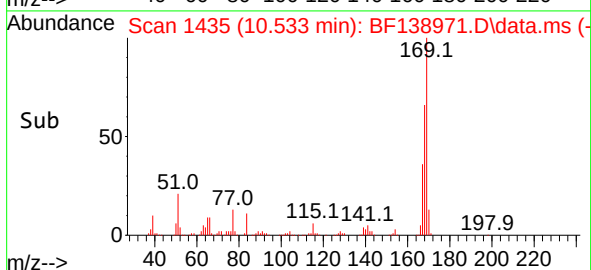
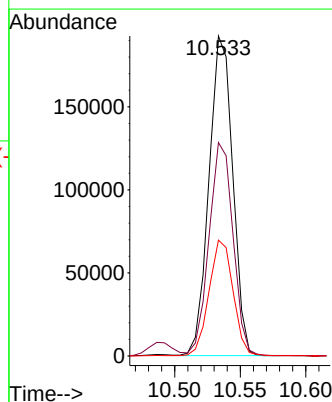
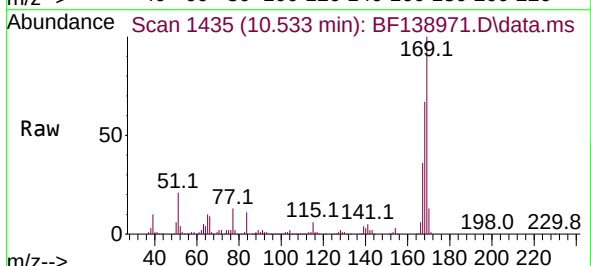
Manual Integrations
APPROVED

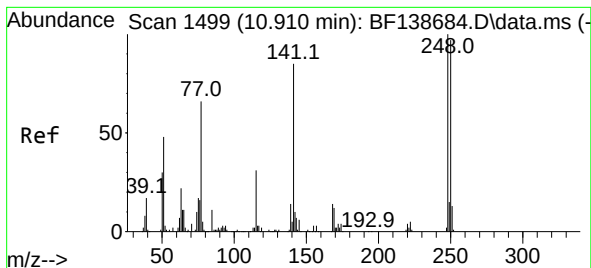
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#66
n-Nitrosodiphenylamine
Concen: 62.942 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

Tgt Ion:169 Resp: 242474
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 36.2 29.0 43.6





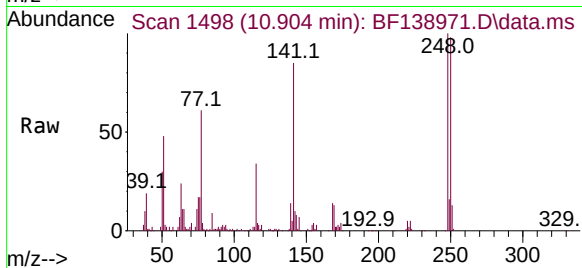
#67
4-Bromophenyl-phenylether
Concen: 61.811 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MSD



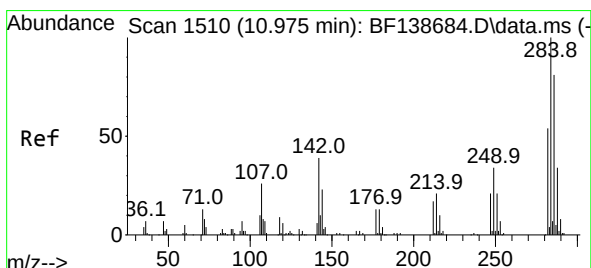
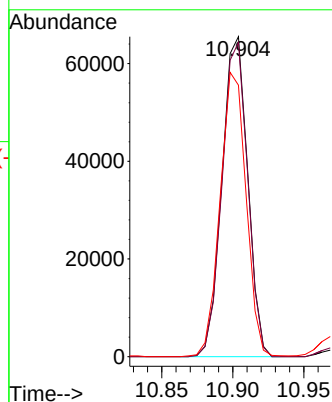
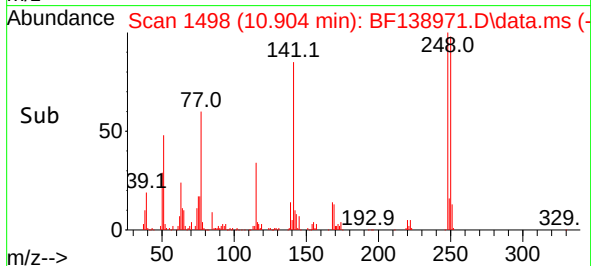
Tgt Ion:248 Resp: 8247
Ion Ratio Lower Upper
248 100
250 98.2 77.7 116.5
141 84.8 68.0 102.0

Manual Integrations

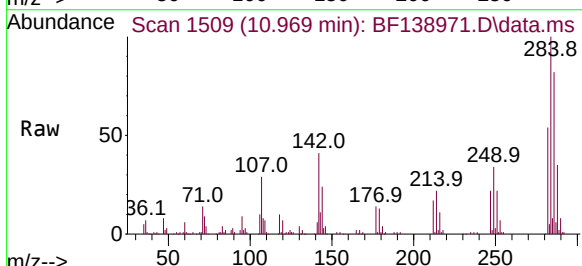
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

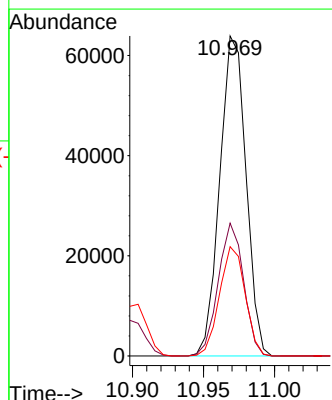
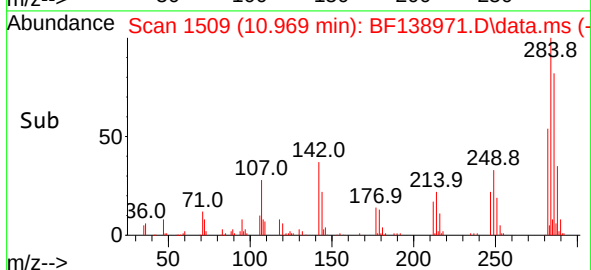
Supervised By :mohammad ahmed 08/14/2024

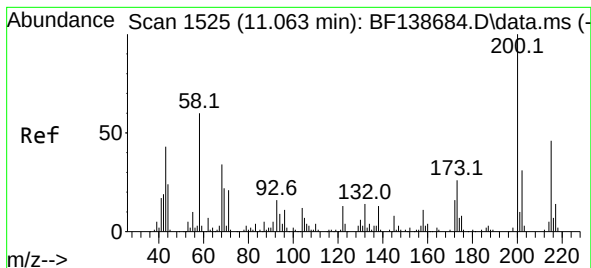


#68
Hexachlorobenzene
Concen: 59.590 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17



Tgt Ion:284 Resp: 82098
Ion Ratio Lower Upper
284 100
142 41.5 31.3 46.9
249 34.2 27.2 40.8





#69

Atrazine

Concen: 68.476 ng

RT: 11.063 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MSD

Tgt Ion:200 Resp: 68059

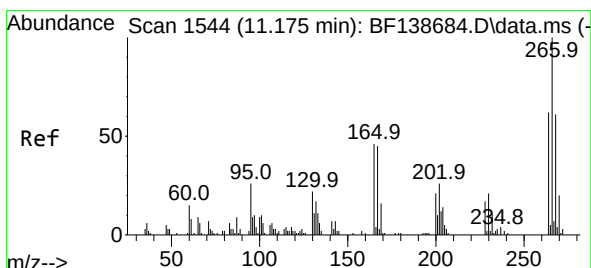
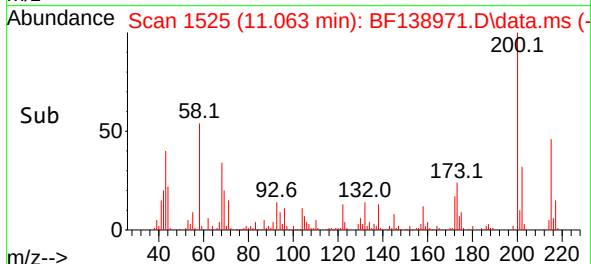
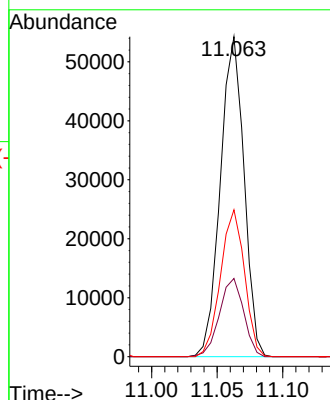
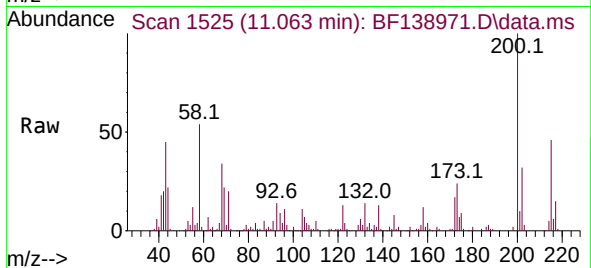
Ion	Ratio	Lower	Upper
200	100		
173	24.5	6.0	46.0
215	45.9	26.1	66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#70

Pentachlorophenol

Concen: 79.525 ng

RT: 11.175 min Scan# 1544

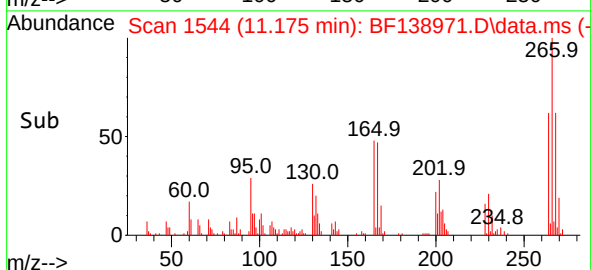
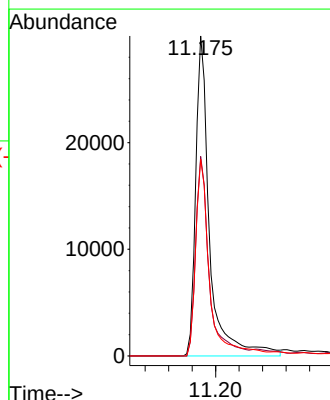
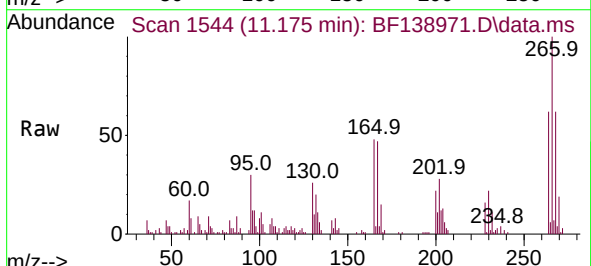
Delta R.T. -0.001 min

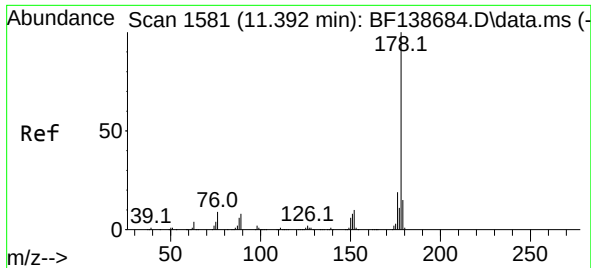
Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

Tgt Ion:266 Resp: 49385

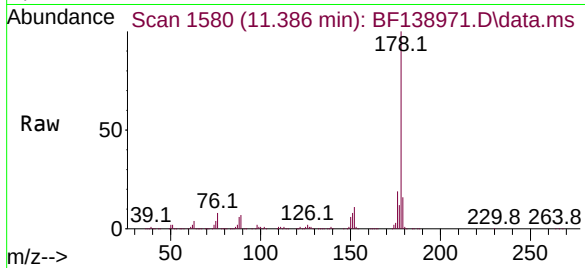
Ion	Ratio	Lower	Upper
266	100		
268	62.4	49.2	73.8
264	61.5	49.8	74.6





#71
Phenanthrene
Concen: 60.148 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

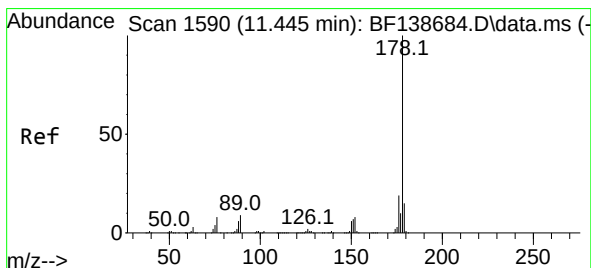
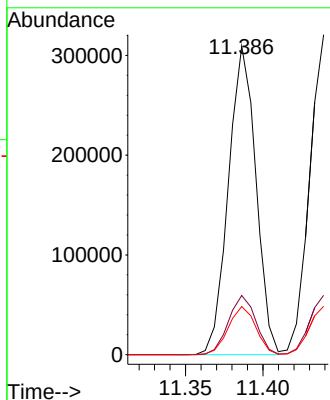
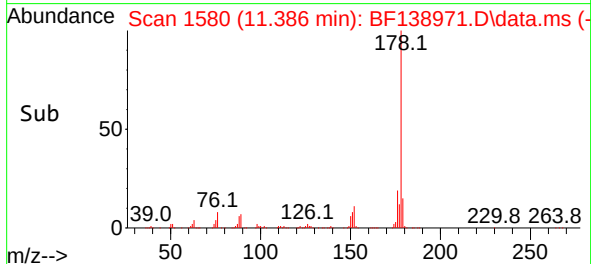
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



Tgt Ion:178 Resp: 381700
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.6 12.2 18.2

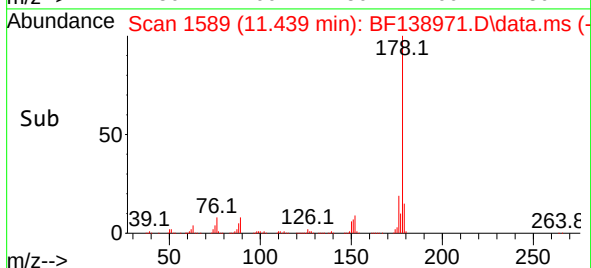
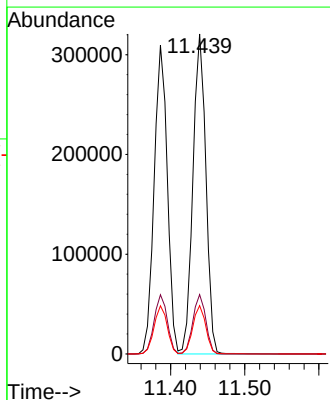
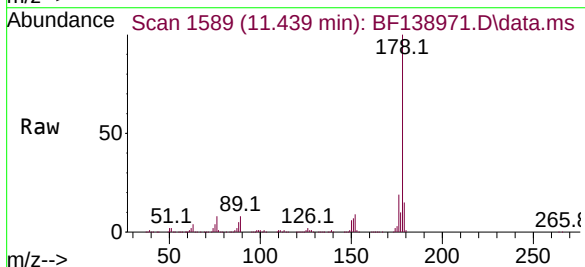
Manual Integrations
APPROVED

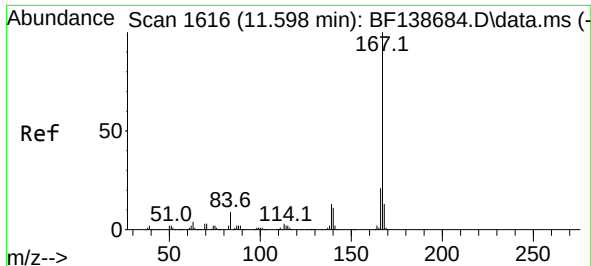
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#72
Anthracene
Concen: 62.242 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

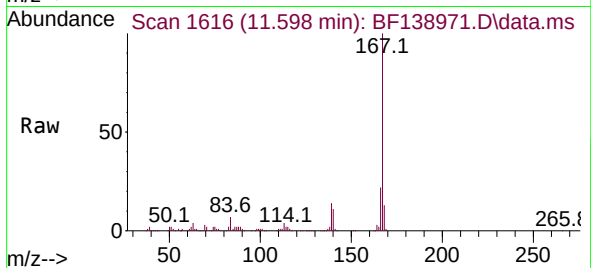
Tgt Ion:178 Resp: 389120
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.1 12.4 18.6





#73
 Carbazole
 Concen: 56.414 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF138971.D
 Acq: 13 Aug 2024 13:17

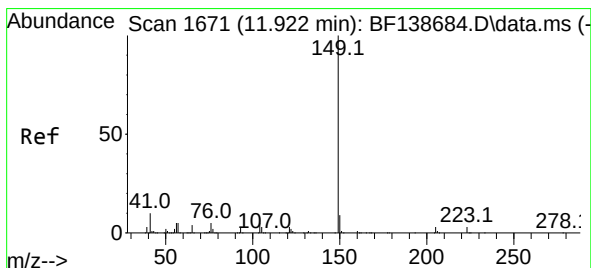
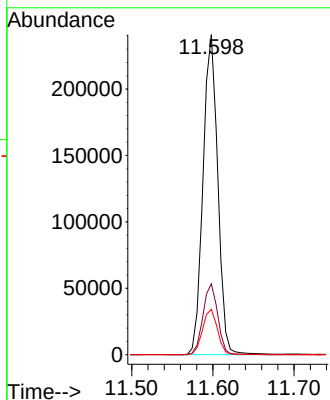
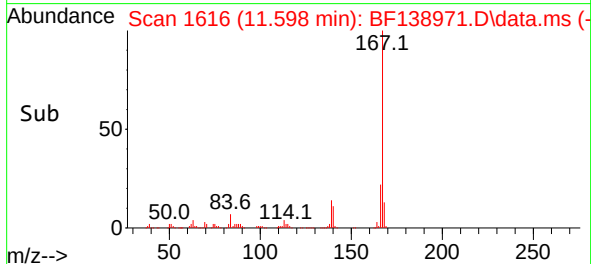
Instrument :
 BNA_F
 ClientSampleId :
 927-K1-SD-0.5-1.0-080724MSD



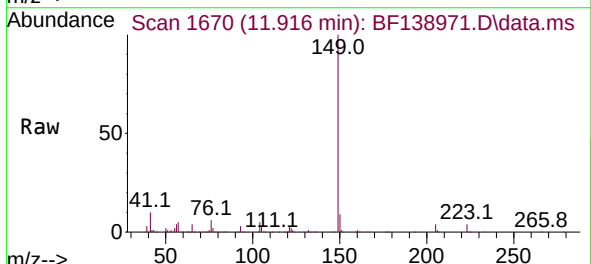
Tgt Ion:167 Resp: 30428
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.2 25.8
 139 14.1 10.6 16.0

Manual Integrations
 APPROVED

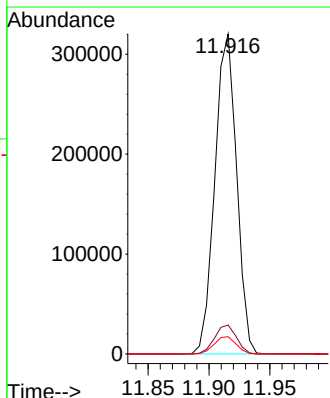
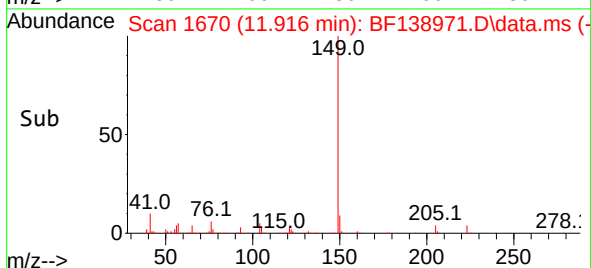
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

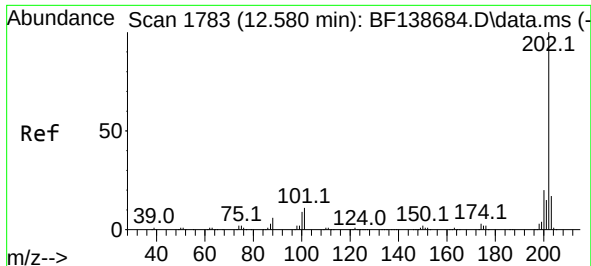


#74
 Di-n-butylphthalate
 Concen: 65.651 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138971.D
 Acq: 13 Aug 2024 13:17



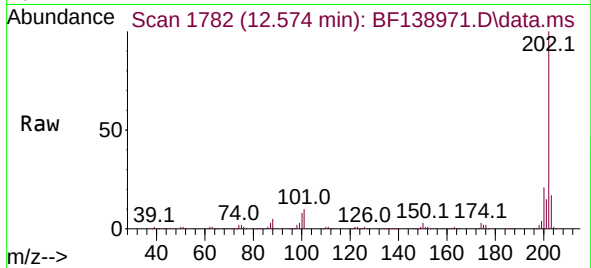
Tgt Ion:149 Resp: 398066
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 55.115 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

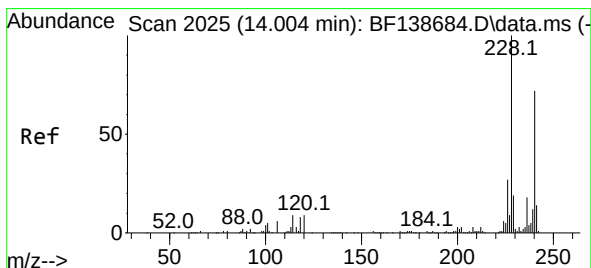
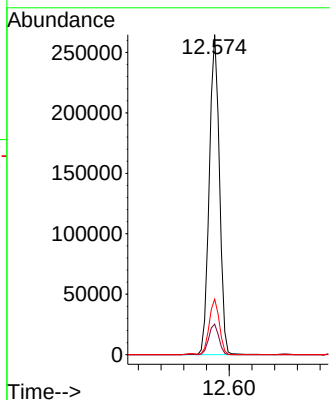
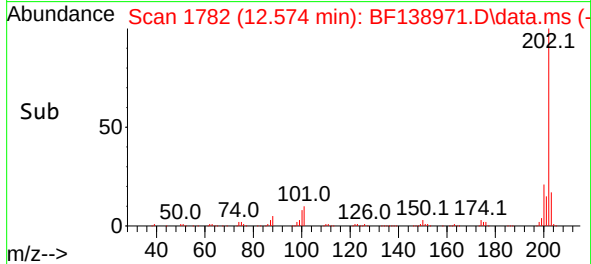
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



Tgt Ion:202 Resp: 326528
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.2
203 17.4 0.0 37.3

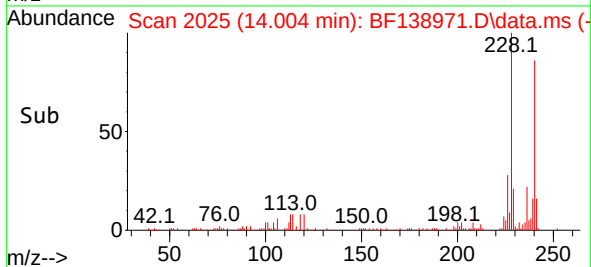
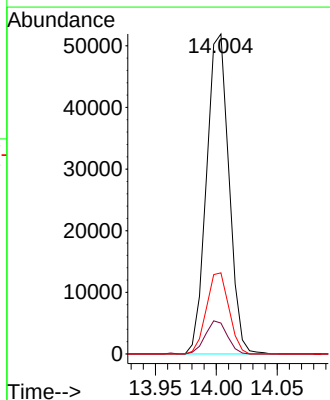
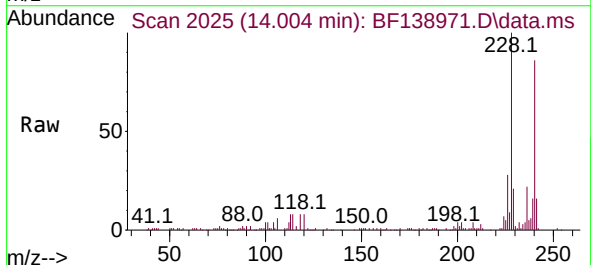
Manual Integrations
APPROVED

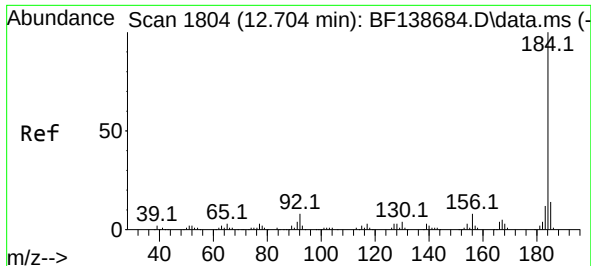
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

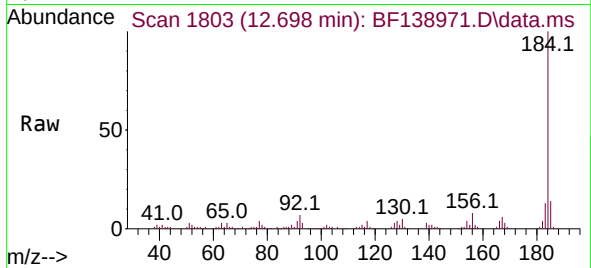
Tgt Ion:240 Resp: 66622
Ion Ratio Lower Upper
240 100
120 9.7 10.2 15.4#
236 25.4 19.8 29.8





#77
Benzidine
Concen: 50.959 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

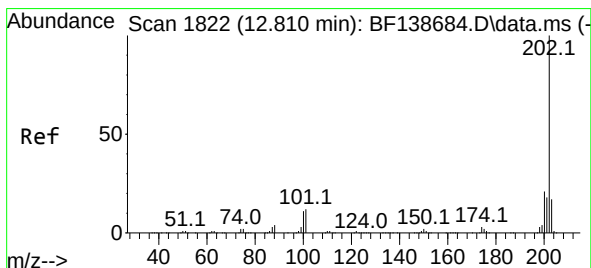
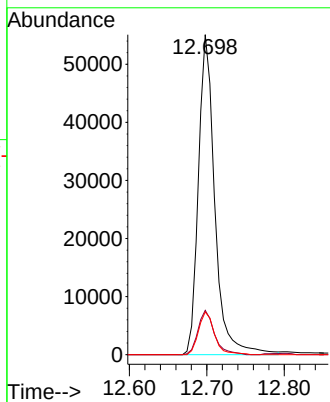
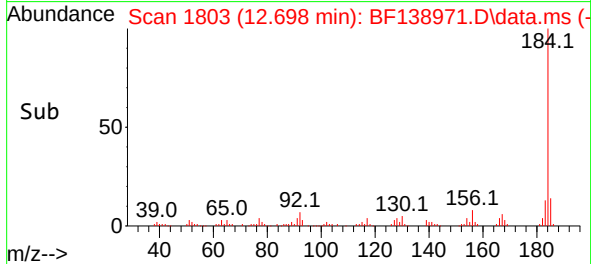
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



Tgt Ion:184 Resp: 81202
Ion Ratio Lower Upper
184 100
185 13.8 11.1 16.7
183 13.4 9.6 14.4

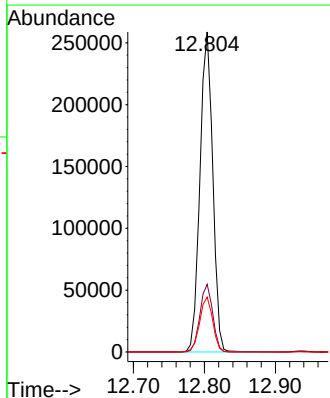
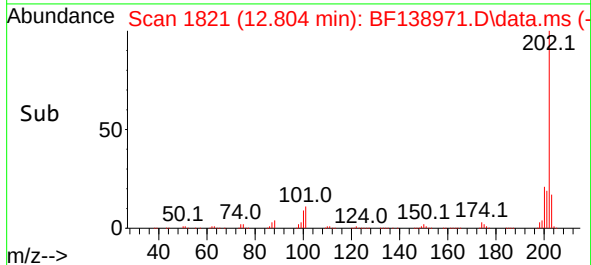
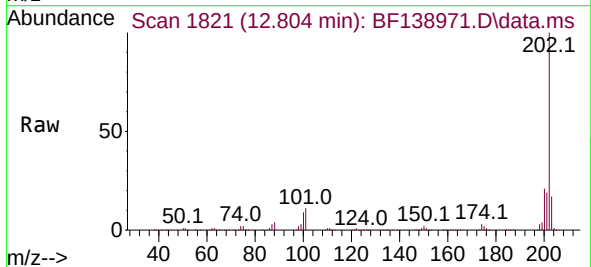
Manual Integrations
APPROVED

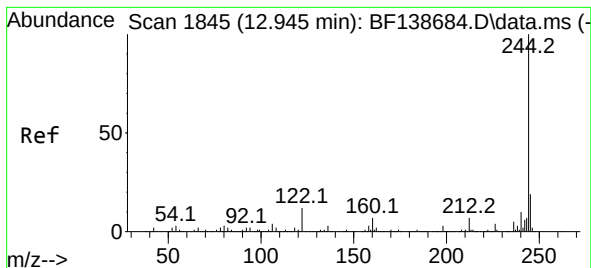
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#78
Pyrene
Concen: 51.800 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

Tgt Ion:202 Resp: 324924
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 60.276 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF138971.D

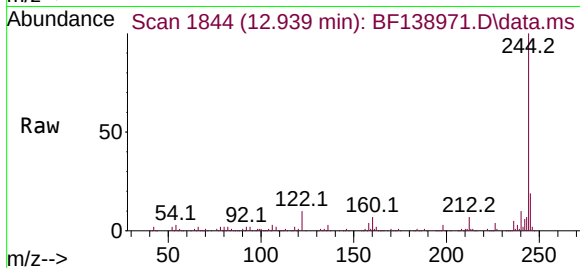
Acq: 13 Aug 2024 13:17

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MSD



Tgt Ion:244 Resp: 239848

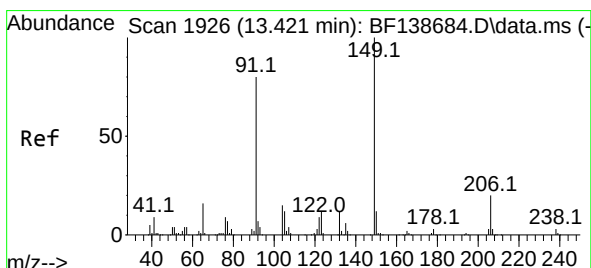
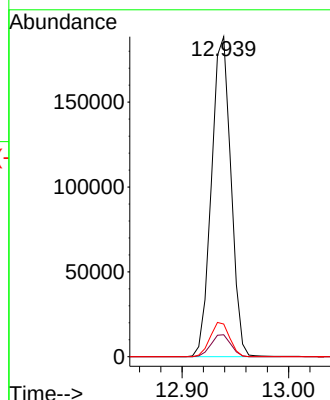
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	10.2	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#80

Butylbenzylphthalate

Concen: 63.016 ng

RT: 13.410 min Scan# 1924

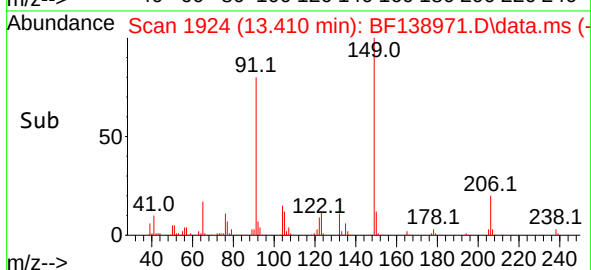
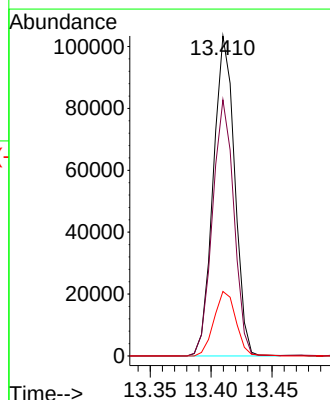
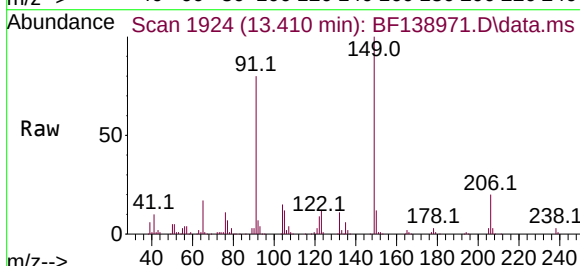
Delta R.T. -0.012 min

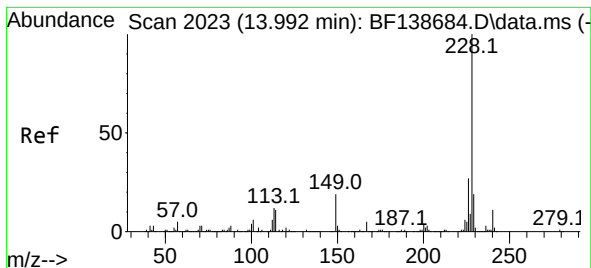
Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

Tgt Ion:149 Resp: 126579

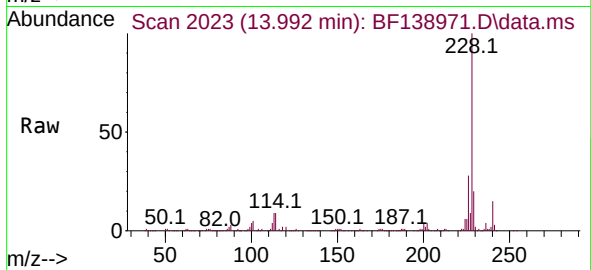
Ion	Ratio	Lower	Upper
149	100		
91	80.1	63.7	95.5
206	20.2	16.2	24.2





#81
Benzo(a)anthracene
Concen: 58.210 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

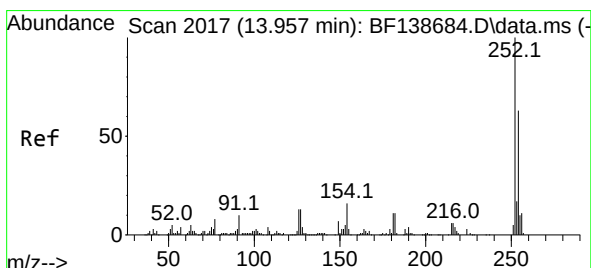
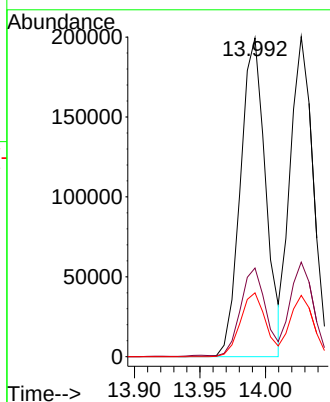
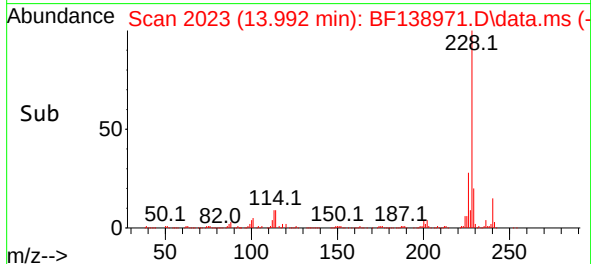
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



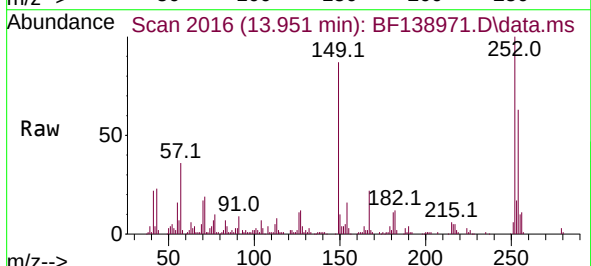
Tgt Ion:228 Resp: 26705
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 20.0 15.4 23.0

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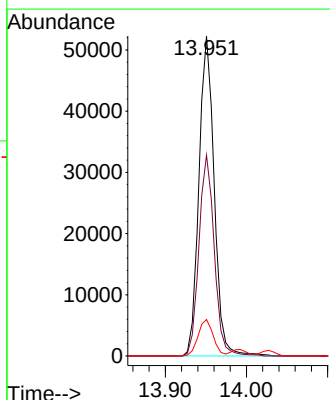
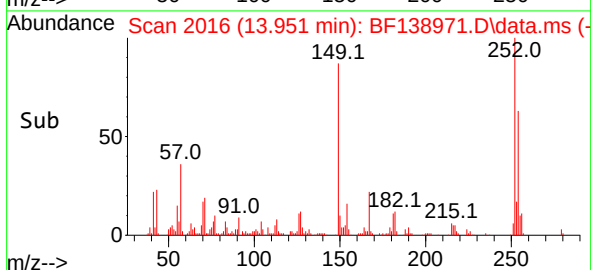
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

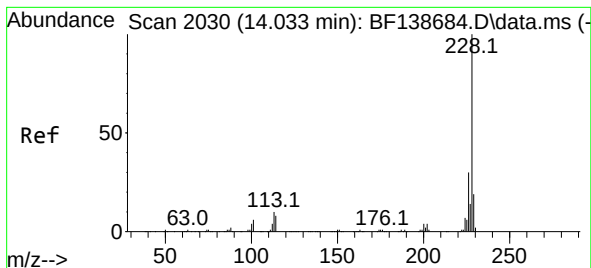


#82
3,3'-Dichlorobenzidine
Concen: 58.237 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17



Tgt Ion:252 Resp: 68371
Ion Ratio Lower Upper
252 100
254 62.8 50.8 76.2
126 11.4 10.2 15.2





#83

Chrysene

Concen: 59.019 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138971.D

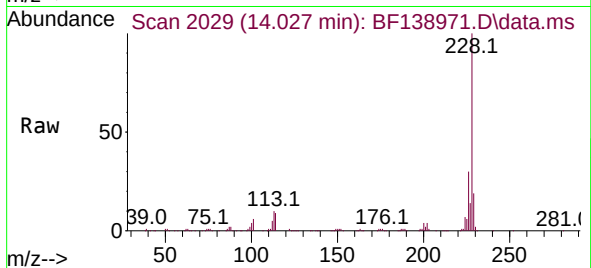
Acq: 13 Aug 2024 13:17

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MSD



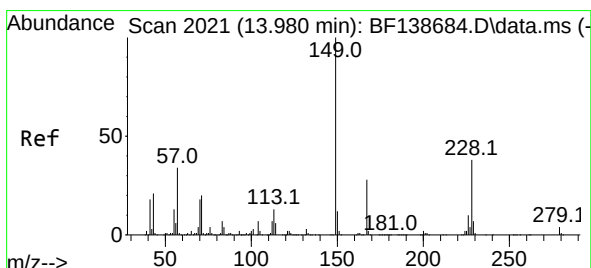
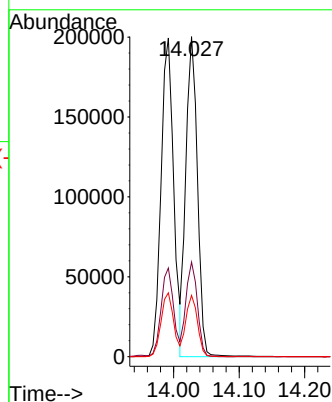
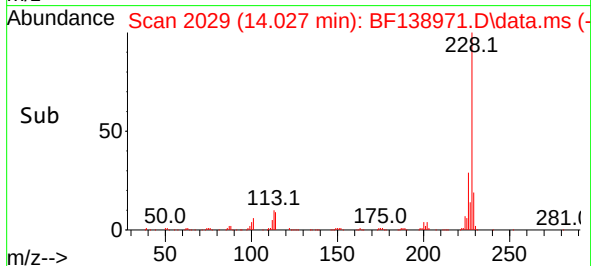
Tgt Ion:	228	Resp:	24428
Ion Ratio	100	Lower	Upper
228	100		
226	29.5	23.7	35.5
229	19.2	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.316 ng

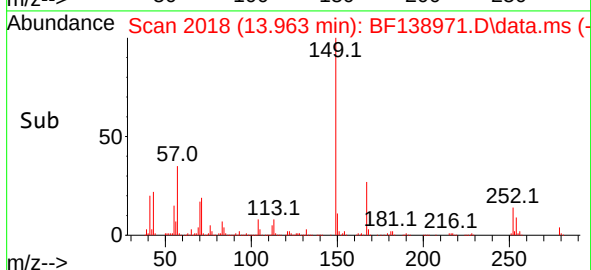
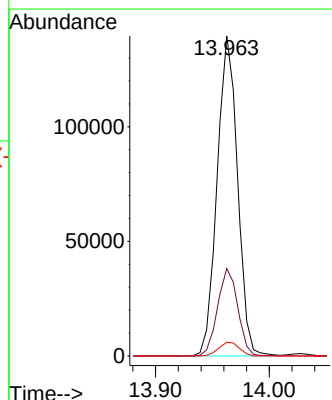
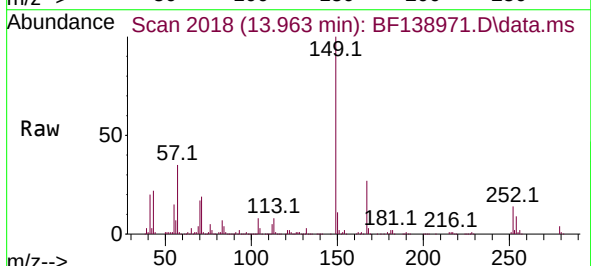
RT: 13.963 min Scan# 2018

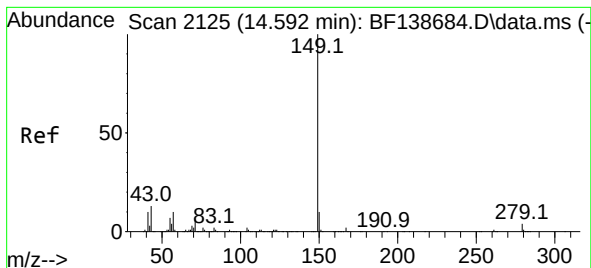
Delta R.T. -0.018 min

Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

Tgt Ion:	149	Resp:	174471
Ion Ratio	100	Lower	Upper
149	100		
167	27.3	22.2	33.4
279	4.3	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 55.710 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MSD

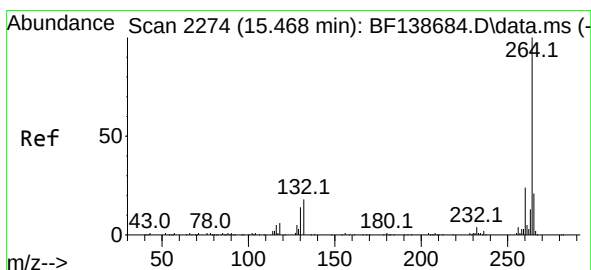
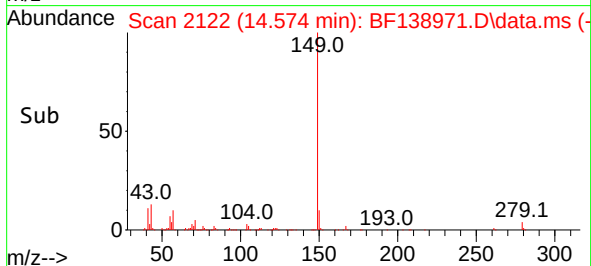
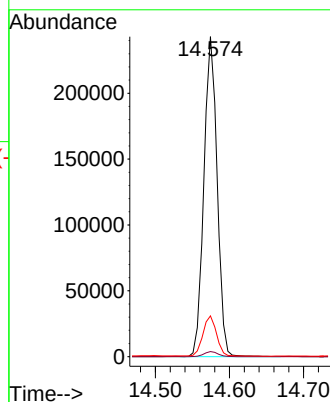
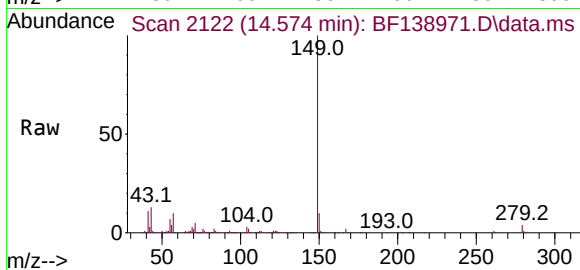
Tgt Ion:149 Resp: 30317
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 12.9 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#86

Perylene-d12

Concen: 20.000 ng

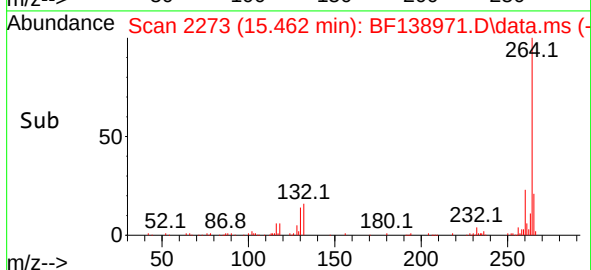
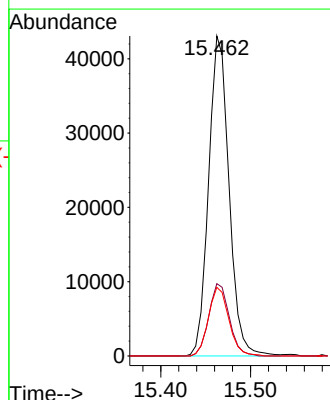
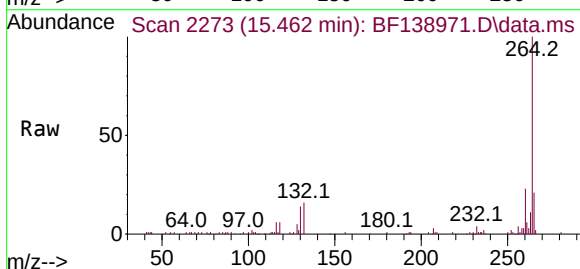
RT: 15.462 min Scan# 2273

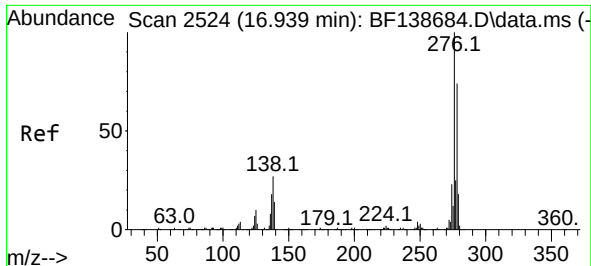
Delta R.T. -0.006 min

Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

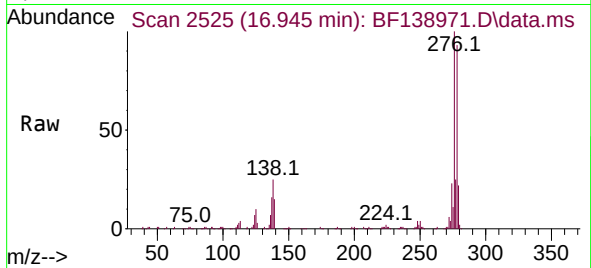
Tgt Ion:264 Resp: 68010
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.6
 265 21.5 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.525 ng
RT: 16.945 min Scan# 217009
Delta R.T. 0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

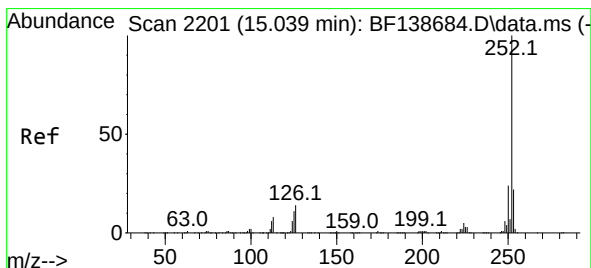
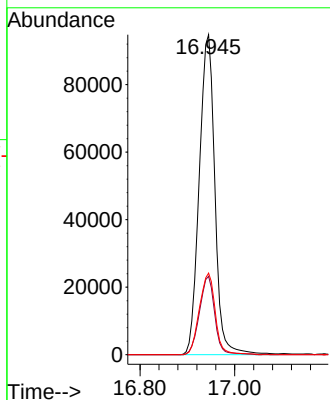
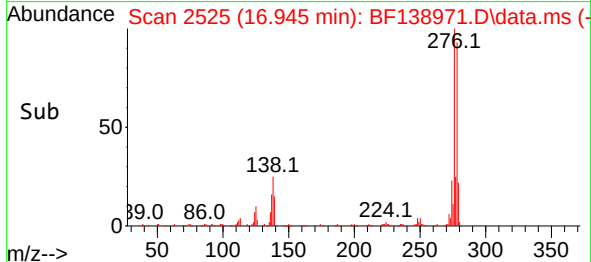
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



Tgt Ion:276 Resp: 217009
Ion Ratio Lower Upper
276 100
138 23.8 21.8 32.8
277 25.8 20.6 30.8

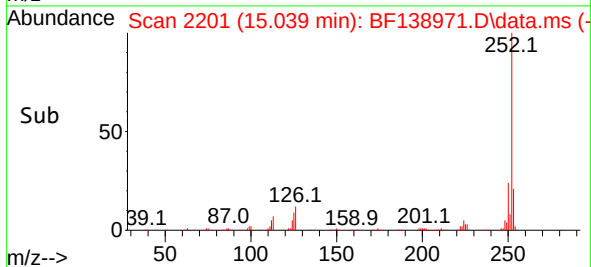
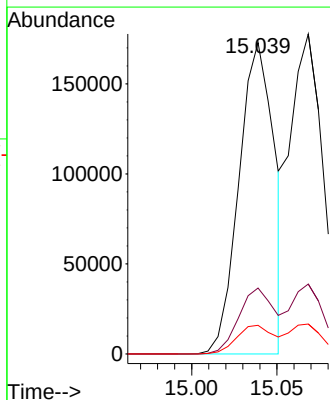
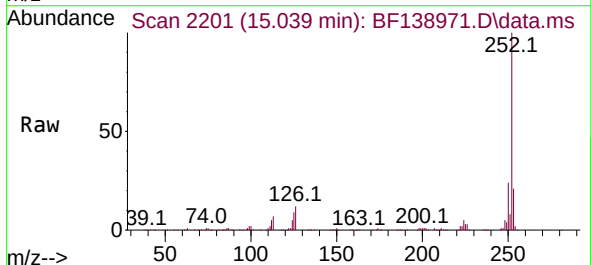
Manual Integrations
APPROVED

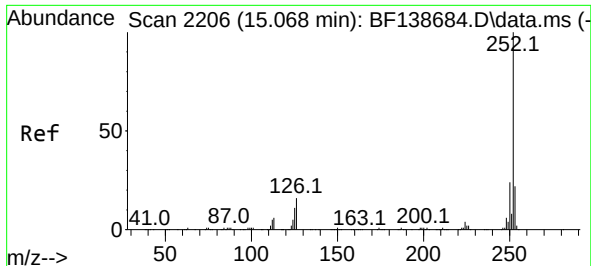
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#88
Benzo(b)fluoranthene
Concen: 59.107 ng
RT: 15.039 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

Tgt Ion:252 Resp: 249193
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 9.2 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 65.273 ng

RT: 15.068 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0.5-1.0-080724MSD

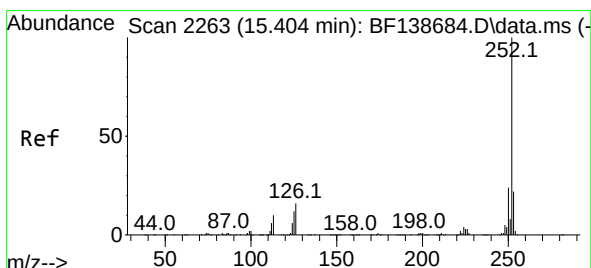
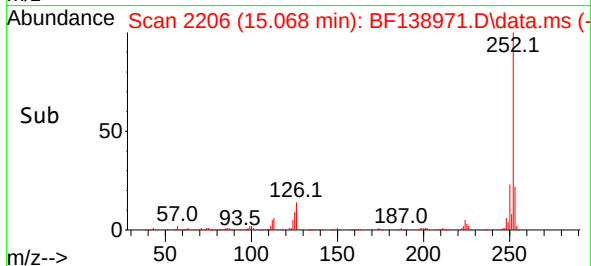
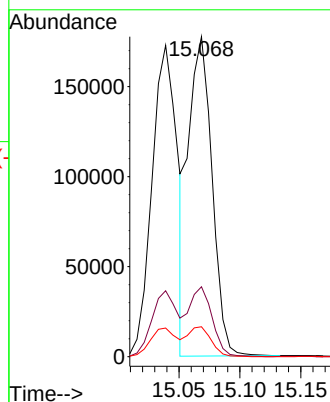
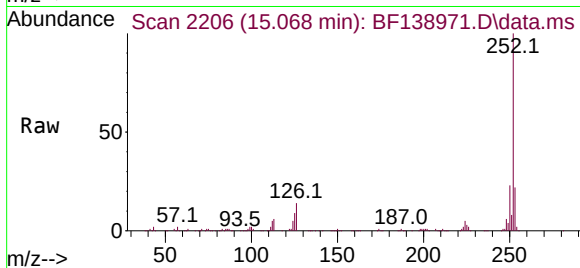
Tgt Ion:252 Resp: 238262
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.0
 125 9.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#90

Benzo(a)pyrene

Concen: 62.425 ng

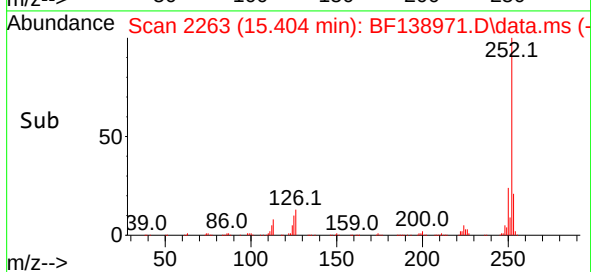
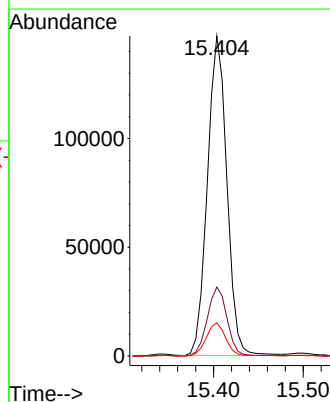
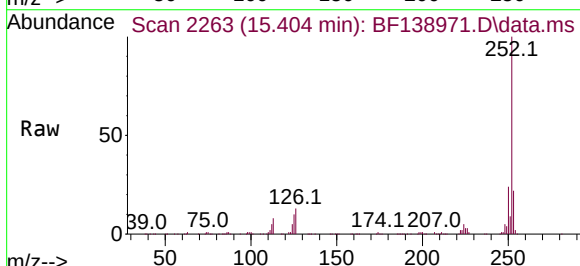
RT: 15.404 min Scan# 2263

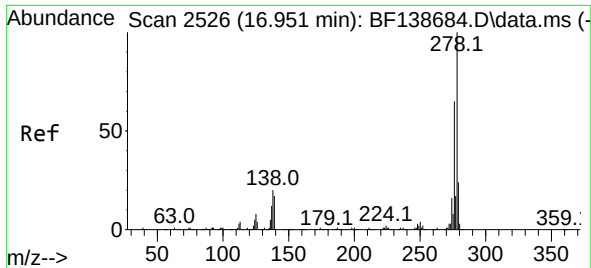
Delta R.T. -0.000 min

Lab File: BF138971.D

Acq: 13 Aug 2024 13:17

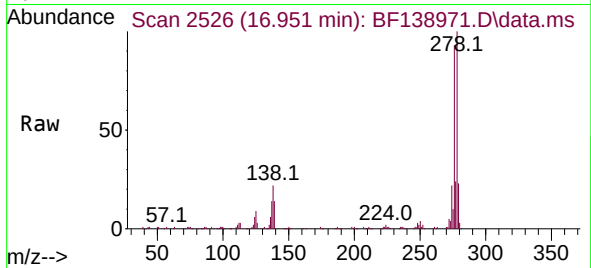
Tgt Ion:252 Resp: 221372
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.3 25.9
 125 10.3 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 44.819 ng
RT: 16.951 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17

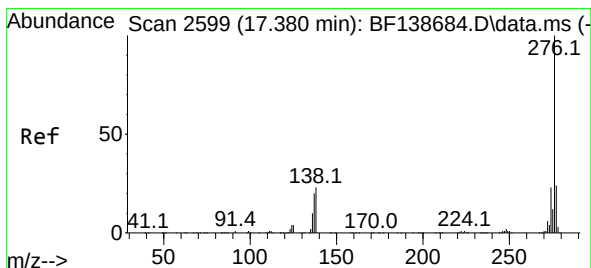
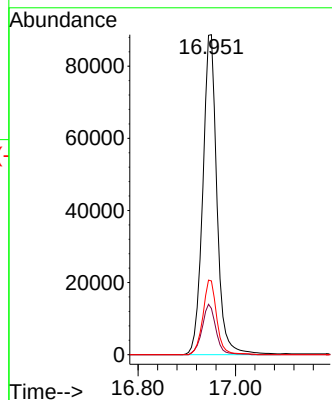
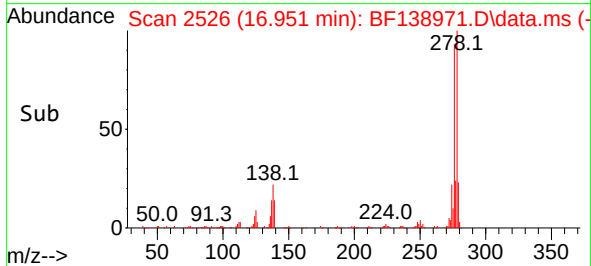
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MSD



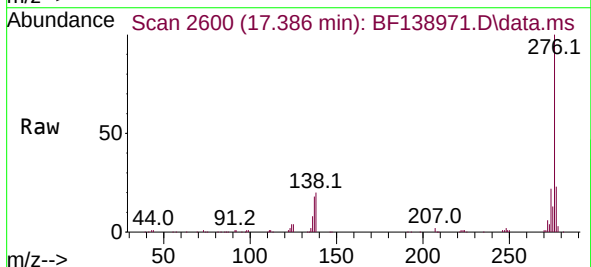
Tgt Ion:278 Resp: 179312
Ion Ratio Lower Upper
278 100
139 14.4 14.0 21.0
279 23.1 19.0 28.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 37.617 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138971.D
Acq: 13 Aug 2024 13:17



Tgt Ion:276 Resp: 156174
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 20.0 18.5 27.7

