

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138977.D
 Acq On : 13 Aug 2024 16:20
 Operator : RC/JU
 Sample : P3519-17MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-01-080624MSD

Manual Integrations
 APPROVED

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

Quant Time: Aug 13 16:45:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	39027	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	154958	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	83209	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	127552	20.000	ng	0.00
76) Chrysene-d12	14.004	240	70622	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	68420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	332423	131.485	ng	0.01
7) Phenol-d6	6.492	99	443645	130.699	ng	0.00
23) Nitrobenzene-d5	7.410	82	292481	92.282	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	89180	130.841	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	490963	88.653	ng	-0.01
79) Terphenyl-d14	12.939	244	355466	84.272	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	49500	44.721	ng	97
3) Pyridine	3.446	79	122041	45.515	ng	96
4) n-Nitrosodimethylamine	3.416	42	103965	65.102	ng	# 79
6) Aniline	6.504	93	133789	44.196	ng	# 23
8) 2-Chlorophenol	6.634	128	150101	56.429	ng	97
9) Benzaldehyde	6.398	77	4940	2.428	ng	99
10) Phenol	6.504	94	194817	54.511	ng	80
11) bis(2-Chloroethyl)ether	6.575	93	143116	52.038	ng	99
12) 1,3-Dichlorobenzene	6.781	146	158117	53.103	ng	98
13) 1,4-Dichlorobenzene	6.857	146	162397	54.045	ng	100
14) 1,2-Dichlorobenzene	7.004	146	154394	54.979	ng	98
15) Benzyl Alcohol	6.992	79	145011	59.273	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	245480	51.865	ng	# 50
17) 2-Methylphenol	7.104	107	118266	53.844	ng	# 85
18) Hexachloroethane	7.345	117	61653	54.507	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	117604	57.363	ng	96
20) 3+4-Methylphenols	7.263	107	159641	56.647	ng	# 72
22) Acetophenone	7.251	105	203029	53.511	ng	99
24) Nitrobenzene	7.428	77	173983	53.946	ng	99
25) Isophorone	7.663	82	304142	56.198	ng	97
26) 2-Nitrophenol	7.739	139	79890	57.576	ng	91
27) 2,4-Dimethylphenol	7.781	122	100983	60.827	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	175566	53.271	ng	99
29) 2,4-Dichlorophenol	7.987	162	121118	56.775	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	134710	54.719	ng	98
31) Naphthalene	8.145	128	440032	53.949	ng	99
32) Benzoic acid	7.939	122	47434	36.348	ng	95
33) 4-Chloroaniline	8.198	127	73400	26.808	ng	97
34) Hexachlorobutadiene	8.251	225	83173	55.778	ng	98
35) Caprolactam	8.581	113	34317m	53.911	ng	
36) 4-Chloro-3-methylphenol	8.692	107	140491	57.625	ng	98
37) 2-Methylnaphthalene	8.834	142	289618	56.223	ng	99
38) 1-Methylnaphthalene	8.934	142	264251	52.350	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	123047	53.234	ng	98
41) Hexachlorocyclopentadiene	8.981	237	61057	98.074	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	76867	54.542	ng	97

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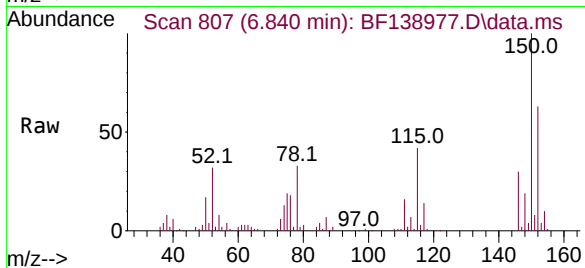
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	82669	53.657	ng	99
46) 1,1'-Biphenyl	9.298	154	336474	51.632	ng	99
47) 2-Chloronaphthalene	9.322	162	267464	55.184	ng	100
48) 2-Nitroaniline	9.428	65	98257	59.800	ng	95
49) Acenaphthylene	9.739	152	409816	59.617	ng	99
50) Dimethylphthalate	9.598	163	314740	59.156	ng	99
51) 2,6-Dinitrotoluene	9.669	165	66821	55.650	ng	# 84
52) Acenaphthene	9.910	154	251323	54.388	ng	100
53) 3-Nitroaniline	9.839	138	47202	38.027	ng	95
54) 2,4-Dinitrophenol	9.957	184	48921	88.507	ng	# 76
55) Dibenzofuran	10.081	168	369904	56.708	ng	98
56) 4-Nitrophenol	10.022	139	60706	81.326	ng	85
57) 2,4-Dinitrotoluene	10.081	165	88470	57.750	ng	# 80
58) Fluorene	10.422	166	296241	57.031	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	65161	55.321	ng	95
60) Diethylphthalate	10.298	149	303805	60.222	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	144737	56.655	ng	95
62) 4-Nitroaniline	10.463	138	61020m	51.729	ng	
63) Azobenzene	10.575	77	311709	55.711	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	42783	54.979	ng	96
66) n-Nitrosodiphenylamine	10.533	169	245761	61.641	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	82656	59.853	ng	98
68) Hexachlorobenzene	10.969	284	82588	57.921	ng	97
69) Atrazine	11.063	200	72830	70.801	ng	99
70) Pentachlorophenol	11.175	266	47286	73.573	ng	97
71) Phenanthrene	11.386	178	382362	58.217	ng	100
72) Anthracene	11.439	178	393434	60.806	ng	100
73) Carbazole	11.598	167	312395	55.962	ng	99
74) Di-n-butylphthalate	11.916	149	406712	64.811	ng	99
75) Fluoranthene	12.574	202	325362	53.064	ng	98
77) Benzidine	12.698	184	74948	44.370	ng	98
78) Pyrene	12.804	202	318604	47.916	ng	100
80) Butylbenzylphthalate	13.410	149	129767	60.944	ng	97
81) Benzo(a)anthracene	13.992	228	270259	55.573	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	65271	52.447	ng	99
83) Chrysene	14.027	228	247175	56.336	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	169727	54.435	ng	97
85) Di-n-octyl phthalate	14.574	149	296655	51.424	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	197678	40.316	ng	97
88) Benzo(b)fluoranthene	15.039	252	245592	57.904	ng	99
89) Benzo(k)fluoranthene	15.068	252	237431	64.656	ng	98
90) Benzo(a)pyrene	15.404	252	219386	61.494	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	161387	40.097	ng	97
92) Benzo(g,h,i)perylene	17.386	276	141364	33.846	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

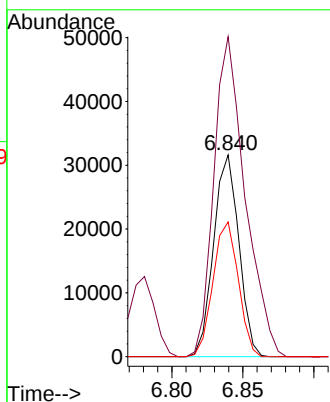
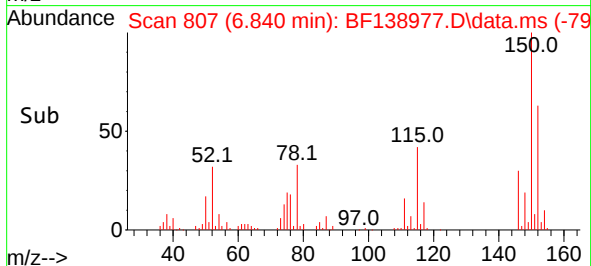
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



Tgt Ion:152 Resp: 3902
Ion Ratio Lower Upper
152 100
150 158.6 126.0 189.0
115 66.8 51.7 77.5

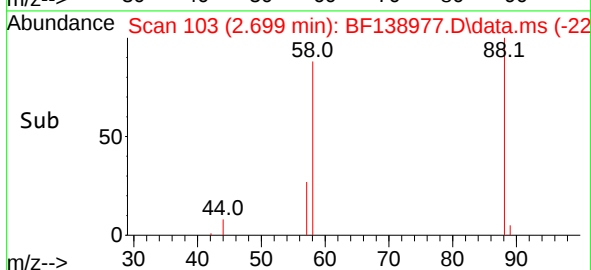
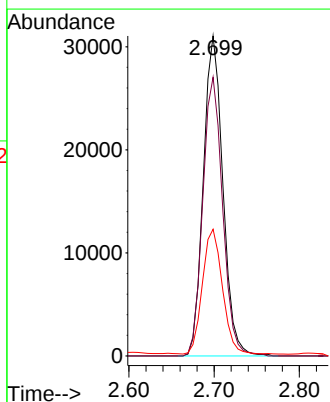
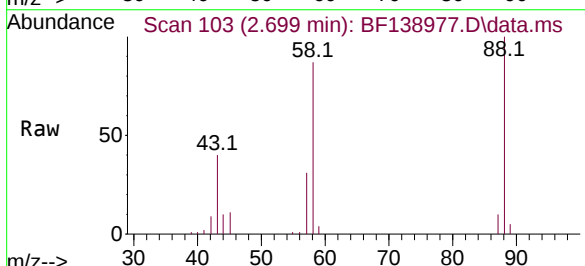
Manual Integrations
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Supervised By :mohammad ahmed 08/14/2024



#2
1,4-Dioxane
Concen: 44.721 ng
RT: 2.699 min Scan# 103
Delta R.T. 0.124 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

Tgt Ion: 88 Resp: 49500
Ion Ratio Lower Upper
88 100
58 88.5 71.6 107.4
43 40.0 28.7 43.1





#3

Pyridine

Concen: 45.515 ng

RT: 3.446 min Scan# 211

Delta R.T. 0.112 min

Lab File: BF138977.D

Acq: 13 Aug 2024 16:20

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MSD

Tgt Ion: 79 Resp: 12204

Ion Ratio Lower Upper

79 100

52 94.1 74.7 112.1

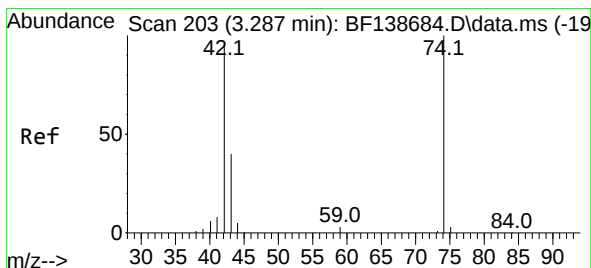
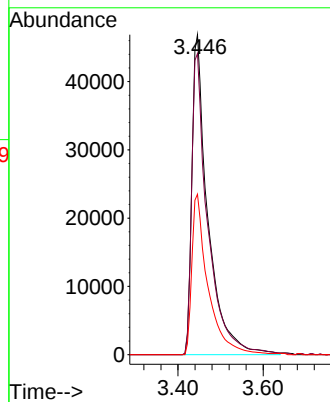
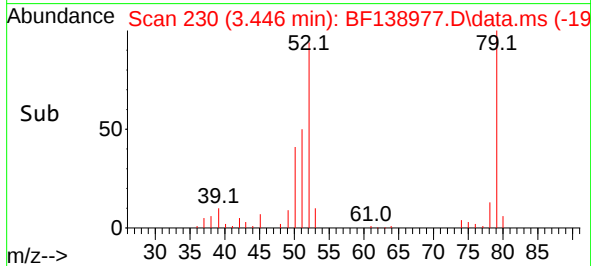
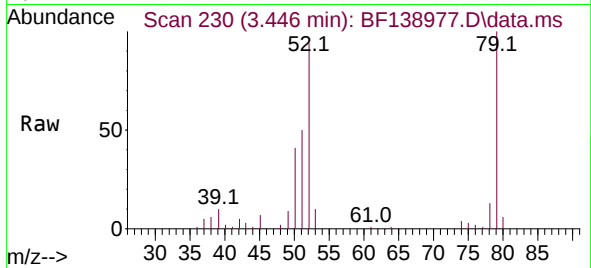
51 50.2 34.6 51.8

Manual Integrations

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Supervised By :mohammad ahmed 08/14/2024



#4

n-Nitrosodimethylamine

Concen: 65.102 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.129 min

Lab File: BF138977.D

Acq: 13 Aug 2024 16:20

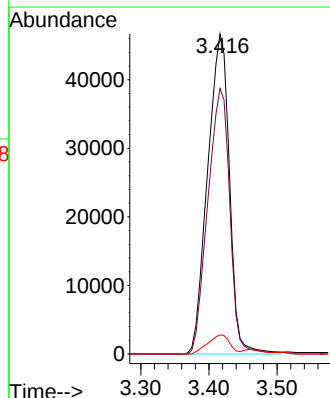
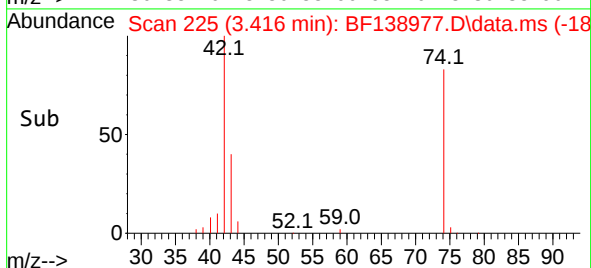
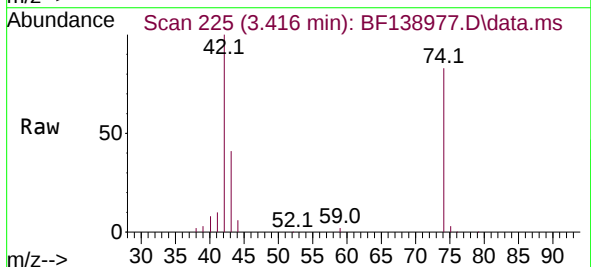
Tgt Ion: 42 Resp: 103965

Ion Ratio Lower Upper

42 100

74 82.9 84.2 126.4#

44 6.0 4.9 7.3





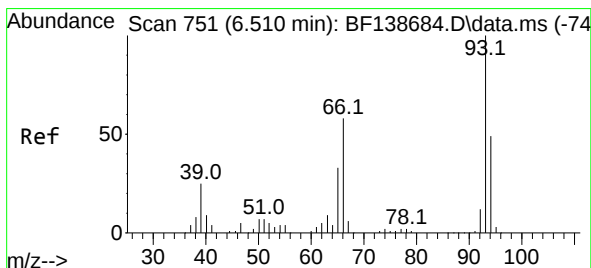
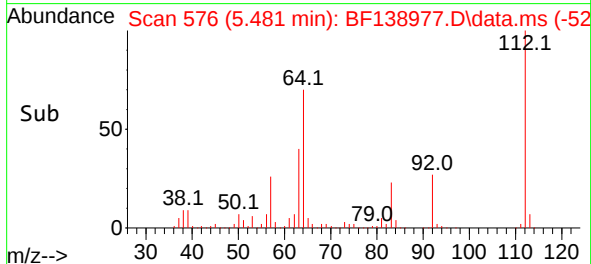
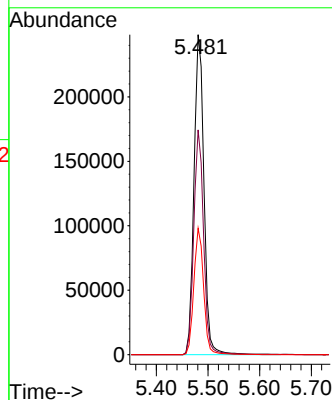
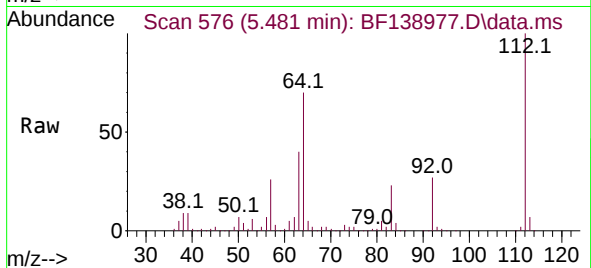
#5
2-Fluorophenol
Concen: 131.485 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD

Tgt Ion:112 Resp: 33242
Ion Ratio Lower Upper
112 100
64 70.3 54.2 81.4
63 39.5 28.7 43.1

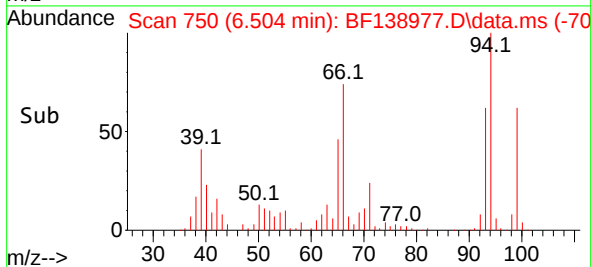
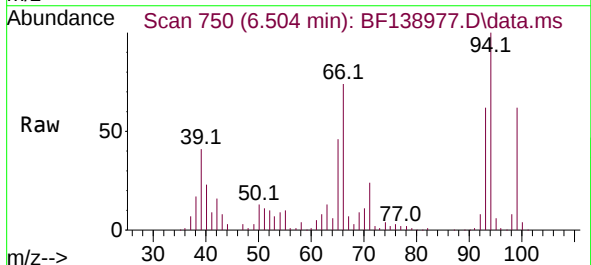
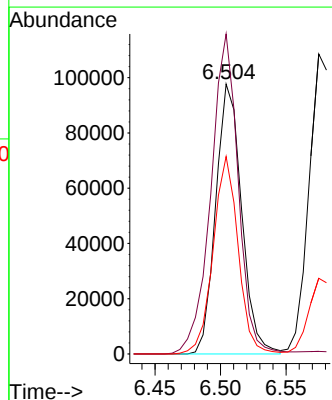
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#6
Aniline
Concen: 44.196 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

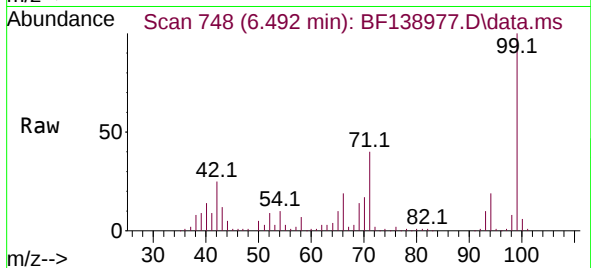
Tgt Ion: 93 Resp: 133789
Ion Ratio Lower Upper
93 100
66 118.6 46.9 70.3#
65 73.2 26.5 39.7#





#7
Phenol-d6
Concen: 130.699 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

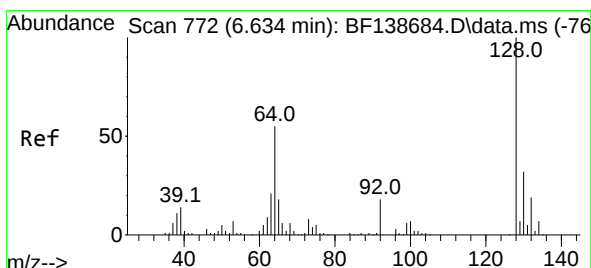
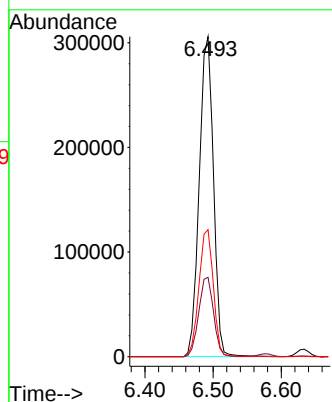
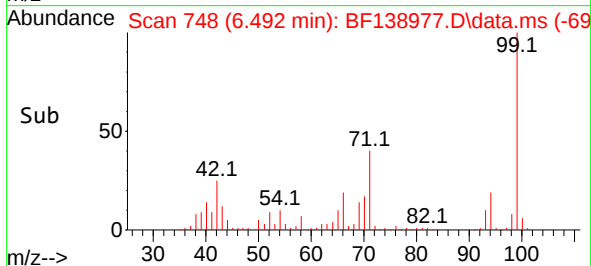
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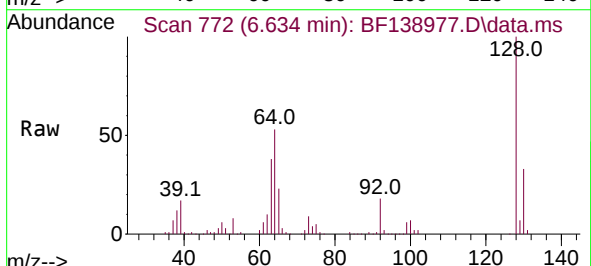
Tgt Ion: 99 Resp: 44364
Ion Ratio Lower Upper
99 100
42 24.8 17.4 26.0
71 39.7 28.1 42.1

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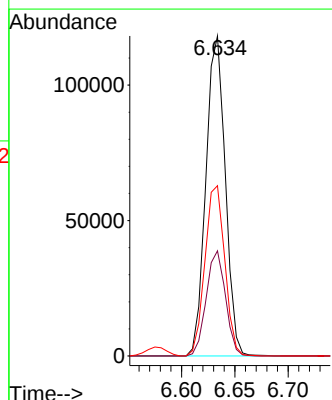
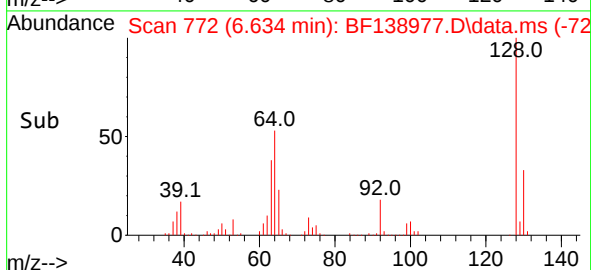
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#8
2-Chlorophenol
Concen: 56.429 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20



Tgt Ion:128 Resp: 150101
Ion Ratio Lower Upper
128 100
130 32.9 12.0 52.0
64 53.2 36.3 76.3





#9

Benzaldehyde

Concen: 2.428 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138977.D

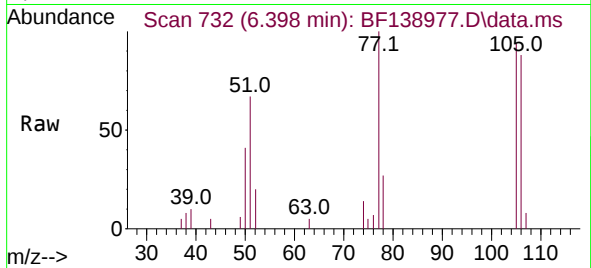
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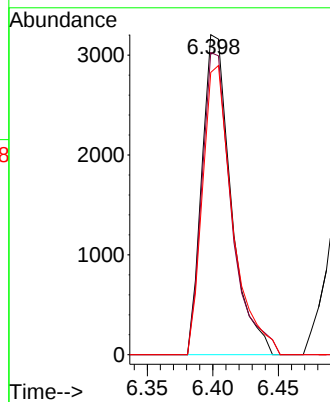
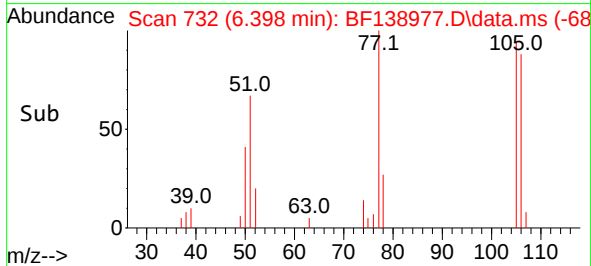
Tgt Ion: 77	Resp: 4940
Ion Ratio	Lower Upper
77	100
105	94.4 72.9 112.9
106	88.2 68.4 108.4

Manual Integrations

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#10

Phenol

Concen: 54.511 ng

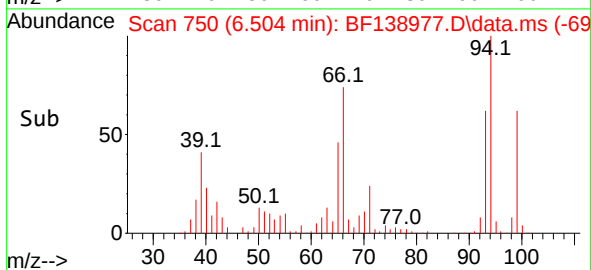
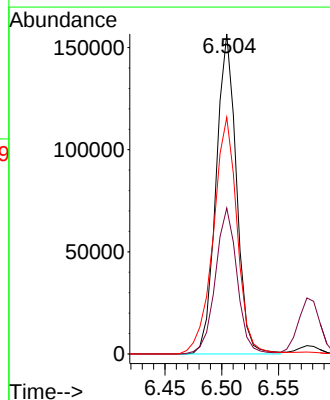
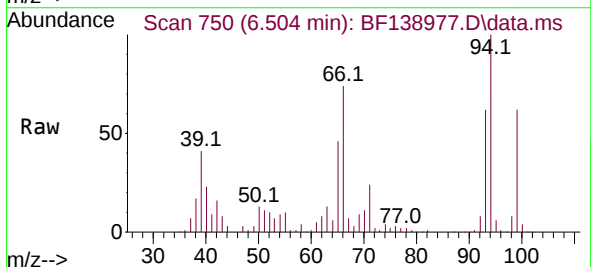
RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138977.D

Acq: 13 Aug 2024 16:20

Tgt Ion: 94	Resp: 194817
Ion Ratio	Lower Upper
94	100
65	45.6 16.9 56.9
66	73.9 36.5 76.5





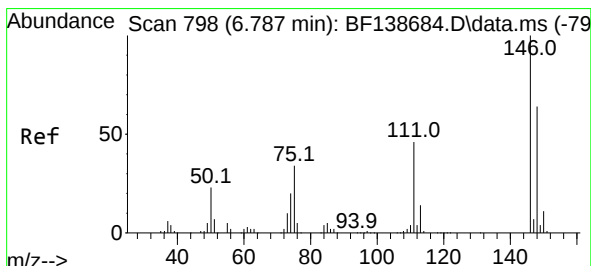
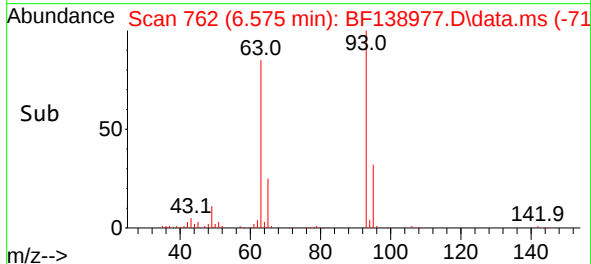
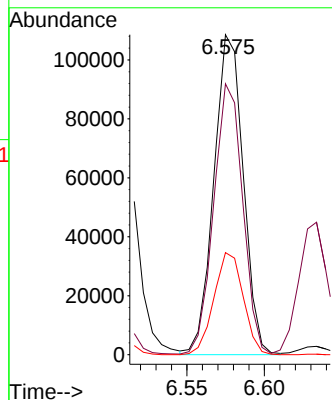
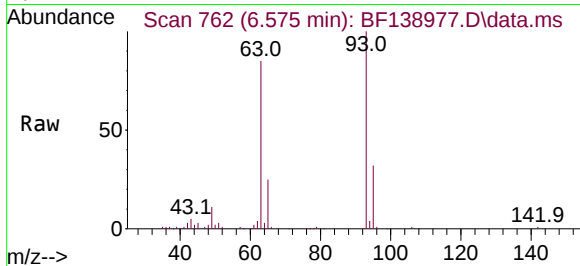
#11
bis(2-Chloroethyl)ether
Concen: 52.038 ng
RT: 6.575 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD

Tgt Ion: 93 Resp: 143110
Ion Ratio Lower Upper
93 100
63 84.6 65.3 105.3
95 31.9 12.4 52.4

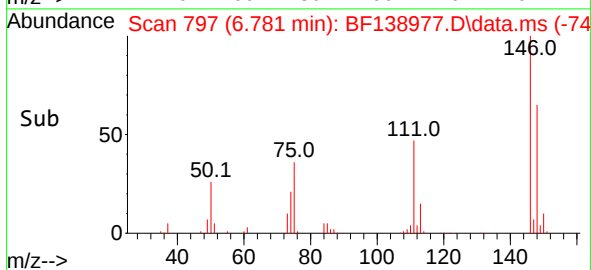
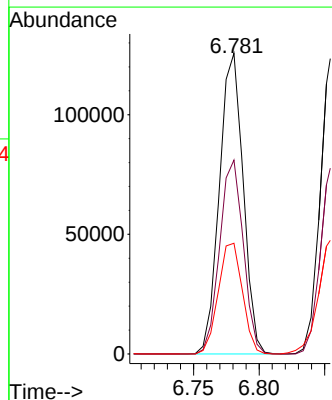
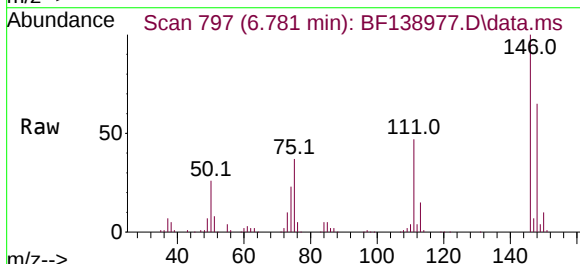
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 53.103 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

Tgt Ion:146 Resp: 158117
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
75 36.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 54.045 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF138977.D

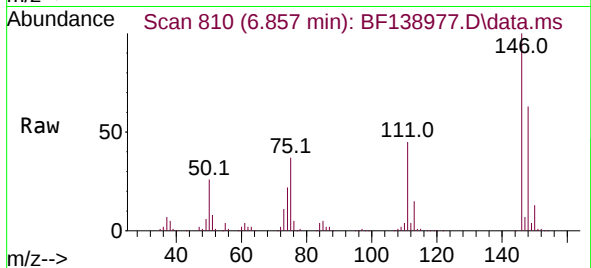
Acq: 13 Aug 2024 16:20

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MSD



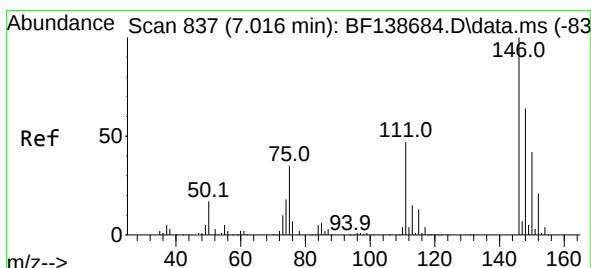
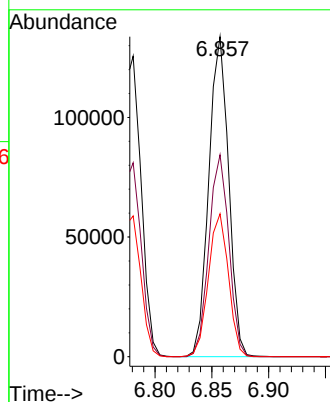
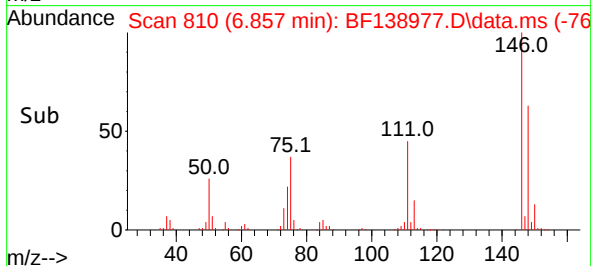
Tgt Ion:	146	Resp:	16239
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.2	75.2
111	44.7	35.9	53.9

Manual Integrations

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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#14

1,2-Dichlorobenzene

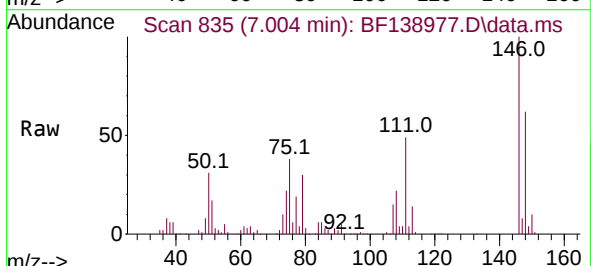
Concen: 54.979 ng

RT: 7.004 min Scan# 835

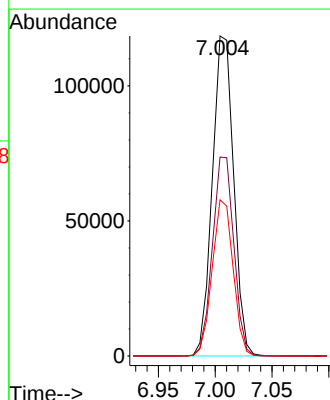
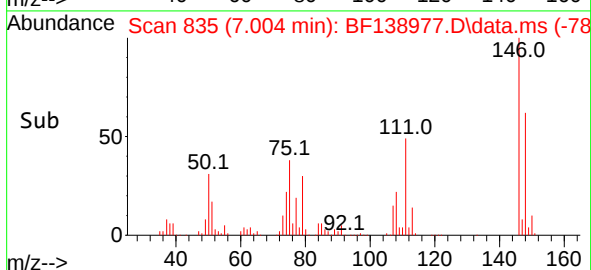
Delta R.T. -0.012 min

Lab File: BF138977.D

Acq: 13 Aug 2024 16:20



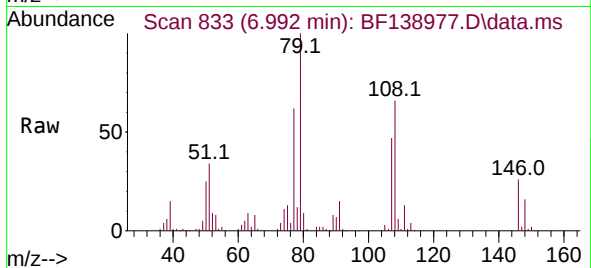
Tgt Ion:	146	Resp:	154394
Ion Ratio	Lower	Upper	
146	100		
148	62.2	50.8	76.2
111	48.8	37.4	56.2





#15
Benzyl Alcohol
Concen: 59.273 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

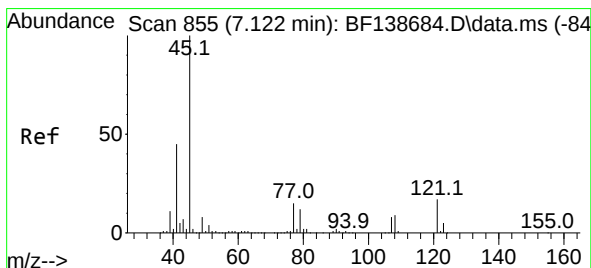
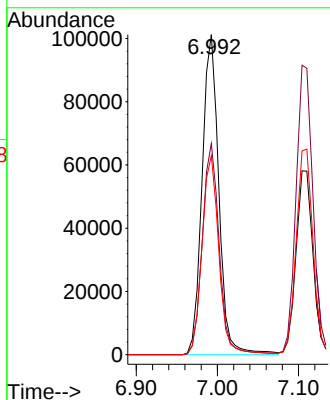
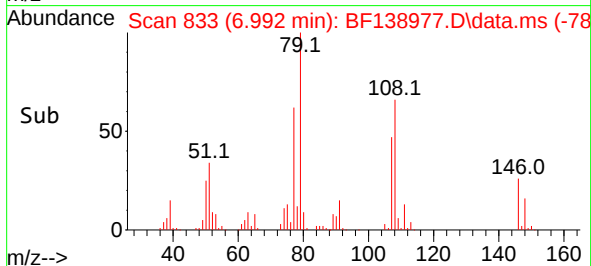
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



Tgt Ion: 79 Resp: 14501
Ion Ratio Lower Upper
79 100
108 66.0 56.6 85.0
77 62.2 50.3 75.5

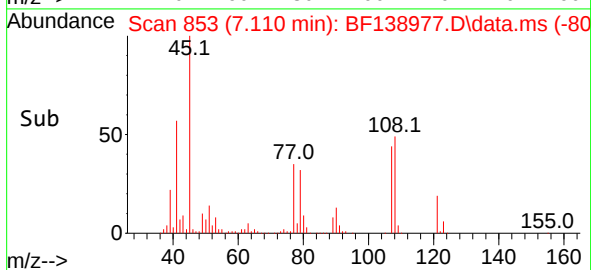
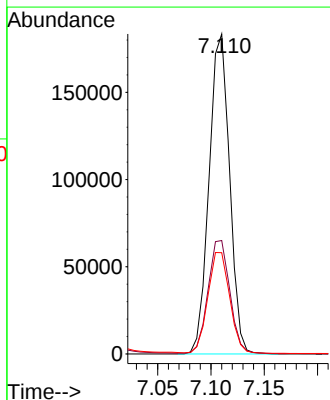
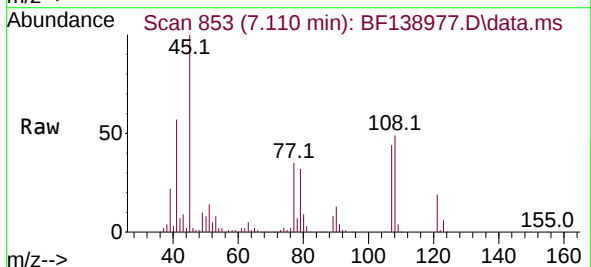
Manual Integrations
APPROVED

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



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.865 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

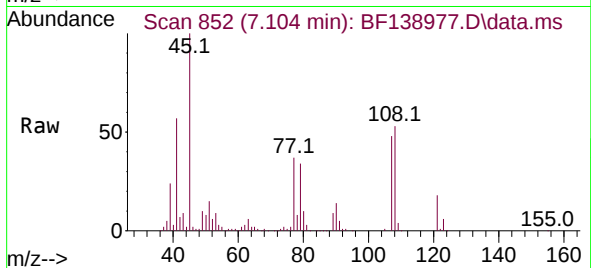
Tgt Ion: 45 Resp: 245480
Ion Ratio Lower Upper
45 100
77 35.4 0.0 34.9#
79 31.6 0.0 32.2





#17
2-Methylphenol
Concen: 53.844 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

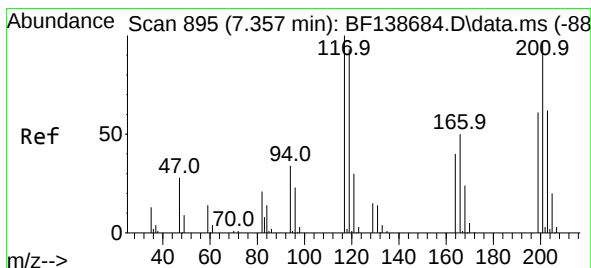
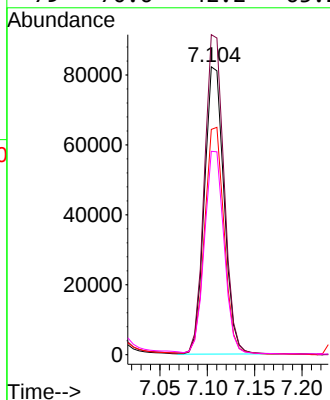
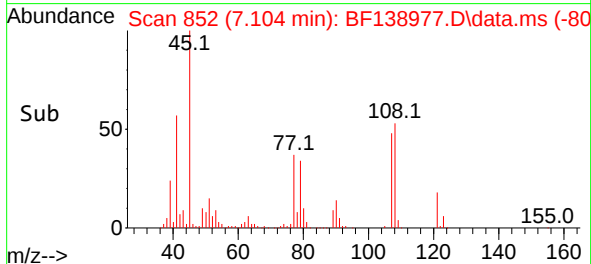
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



Tgt Ion:107 Resp: 118260
Ion Ratio Lower Upper
107 100
108 111.2 89.2 133.8
77 78.2 43.0 64.4
79 70.6 42.2 63.2

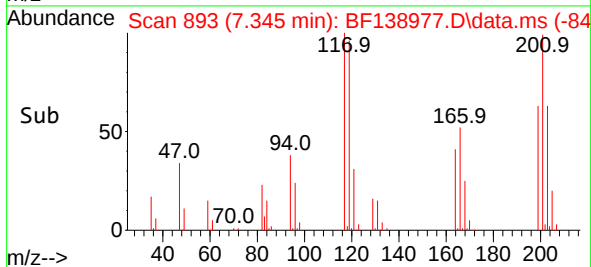
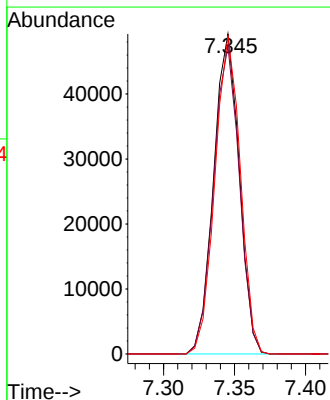
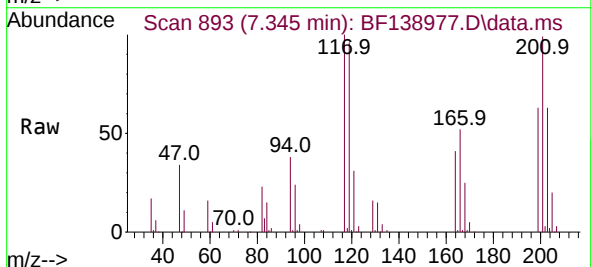
Manual Integrations
APPROVED

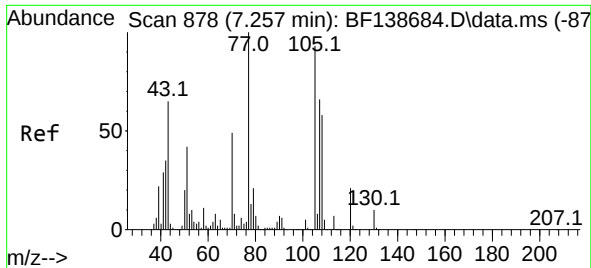
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#18
Hexachloroethane
Concen: 54.507 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

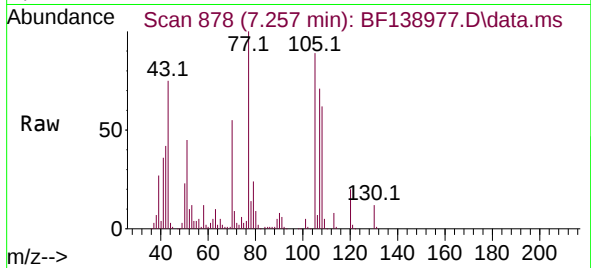
Tgt Ion:117 Resp: 61653
Ion Ratio Lower Upper
117 100
119 96.2 74.6 111.8
201 99.4 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 57.363 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

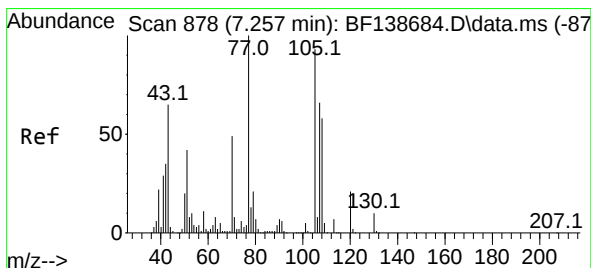
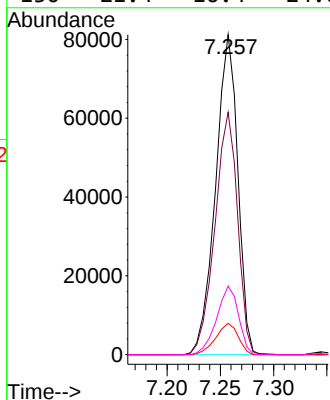
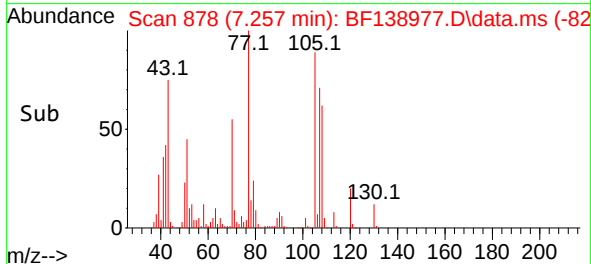
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



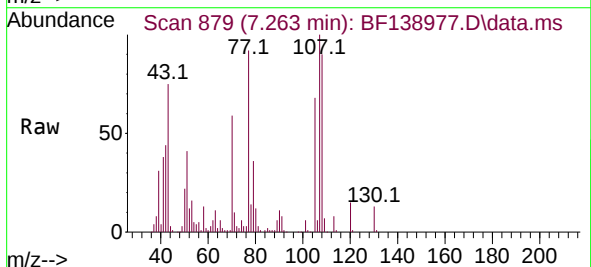
Tgt Ion: 70 Resp: 117604
Ion Ratio Lower Upper
70 100
42 75.7 57.4 86.0
101 9.8 7.5 11.3
130 21.4 16.4 24.6

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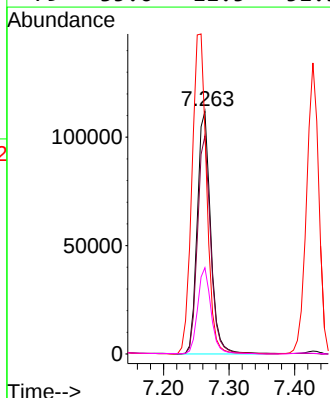
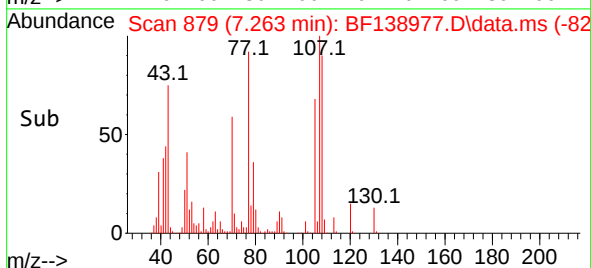
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#20
3+4-Methylphenols
Concen: 56.647 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20



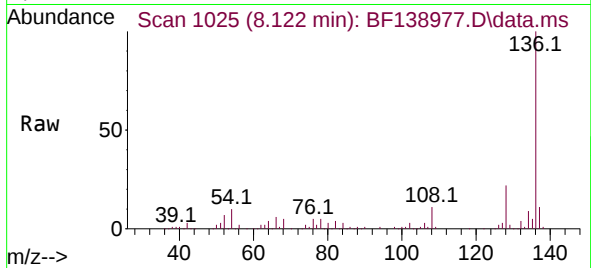
Tgt Ion:107 Resp: 159641
Ion Ratio Lower Upper
107 100
108 89.9 68.2 108.2
77 92.3 132.1 172.1#
79 35.6 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

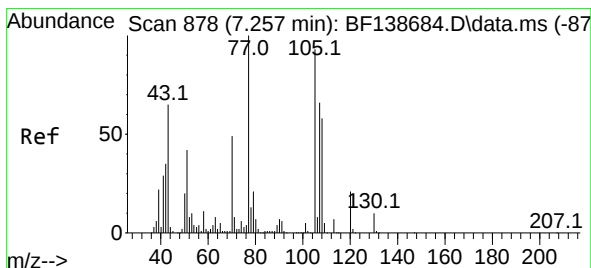
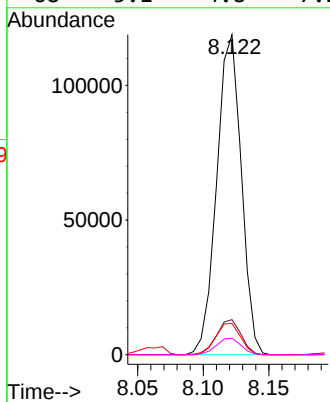
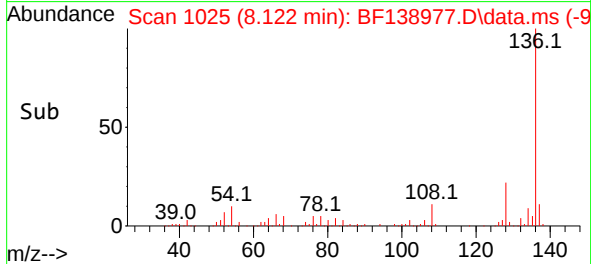
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



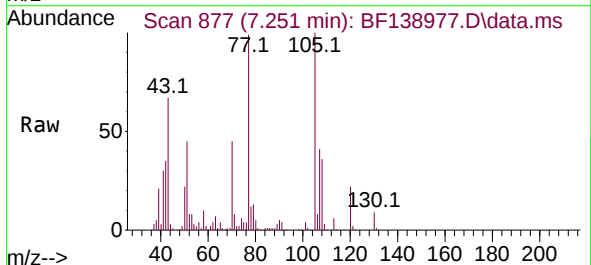
Tgt Ion:136 Resp: 154958
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.8 8.6 12.8
68 5.1 4.8 7.2

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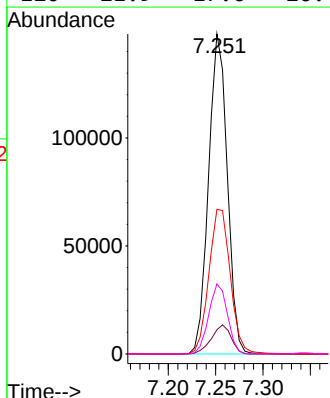
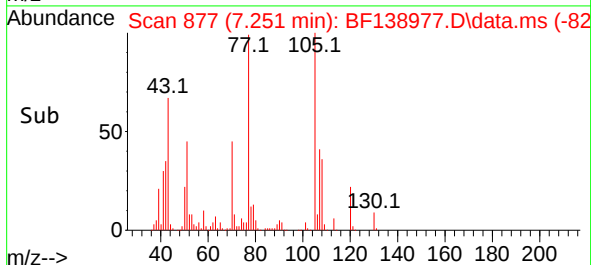
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

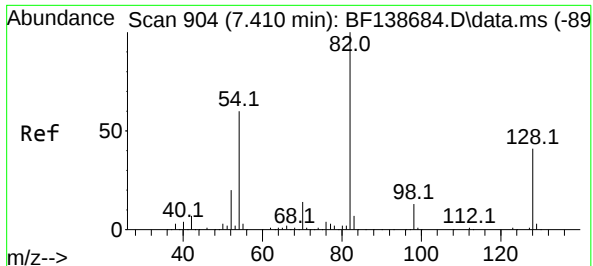


#22
Acetophenone
Concen: 53.511 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20



Tgt Ion:105 Resp: 203029
Ion Ratio Lower Upper
105 100
71 7.6 7.2 10.8
51 45.2 35.9 53.9
120 21.9 17.6 26.4





#23

Nitrobenzene-d5

Concen: 92.282 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138977.D

Acq: 13 Aug 2024 16:20

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MSD

Tgt Ion: 82 Resp: 29248

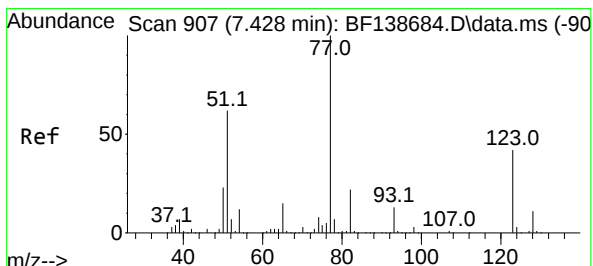
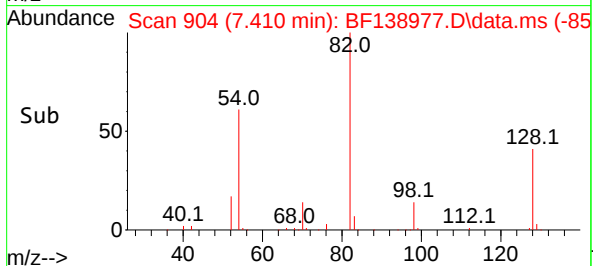
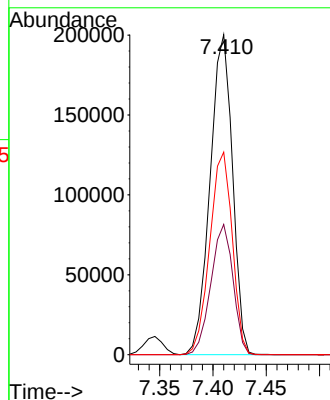
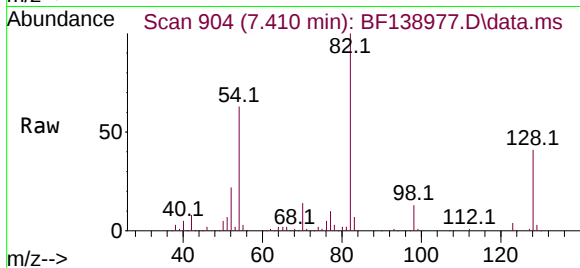
Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.8	49.2
54	63.3	48.3	72.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#24

Nitrobenzene

Concen: 53.946 ng

RT: 7.428 min Scan# 907

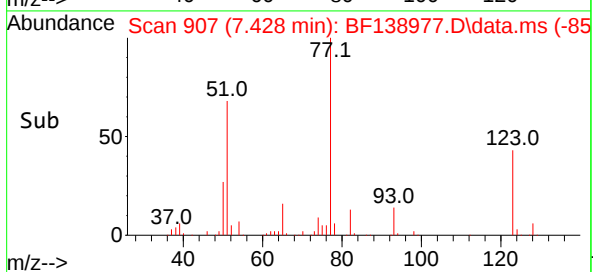
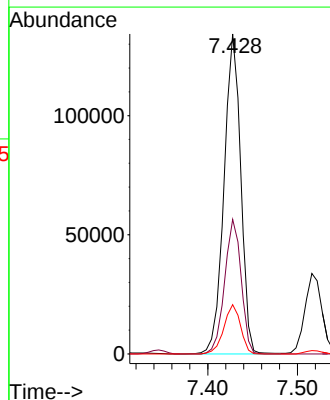
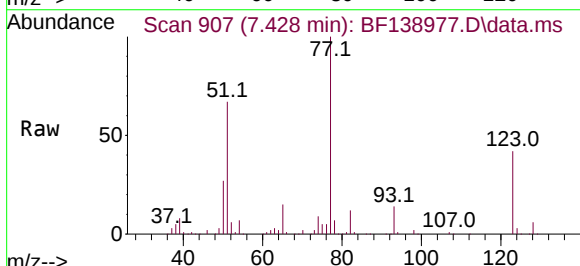
Delta R.T. 0.000 min

Lab File: BF138977.D

Acq: 13 Aug 2024 16:20

Tgt Ion: 77 Resp: 173983

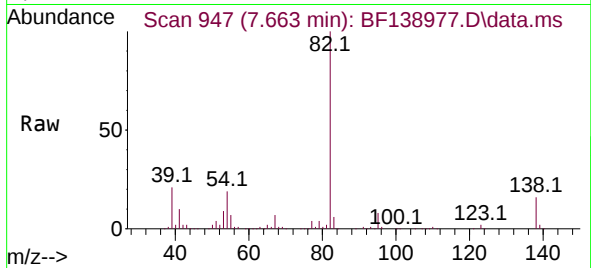
Ion	Ratio	Lower	Upper
77	100		
123	42.1	33.3	49.9
65	15.4	11.9	17.9





#25
Isophorone
Concen: 56.198 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

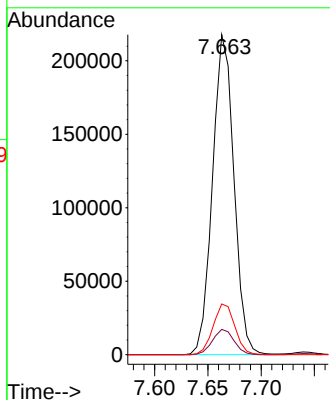
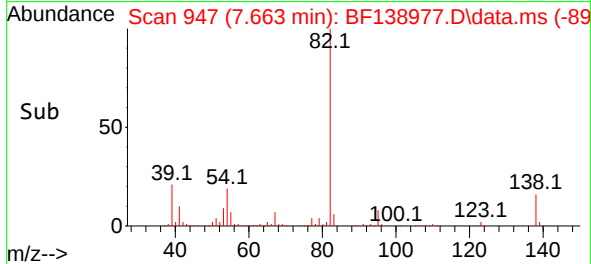
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



Tgt Ion: 82 Resp: 30414
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 15.8 13.7 20.5

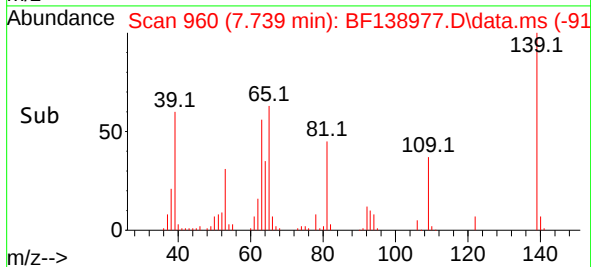
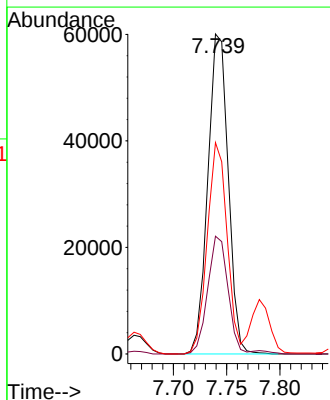
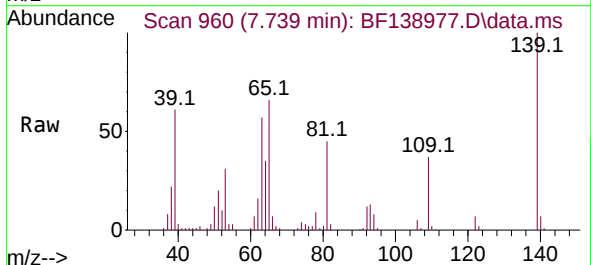
Manual Integrations
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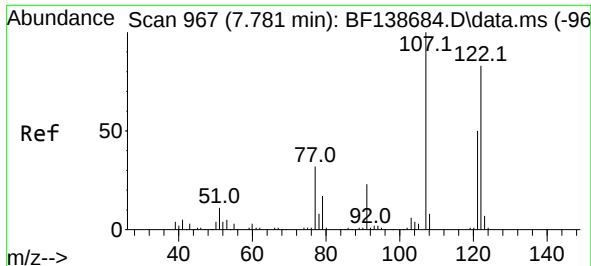
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#26
2-Nitrophenol
Concen: 57.576 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

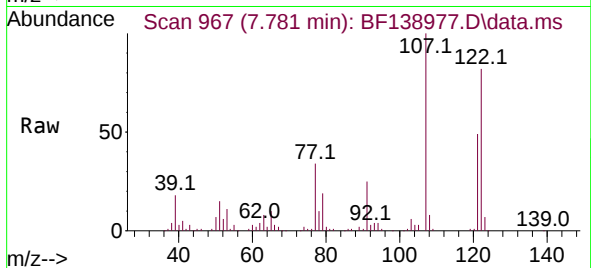
Tgt Ion:139 Resp: 79890
Ion Ratio Lower Upper
139 100
109 36.8 25.9 38.9
65 66.0 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 60.827 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

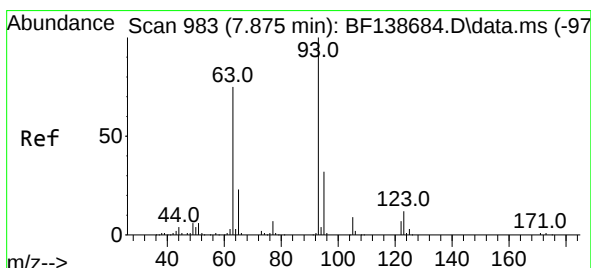
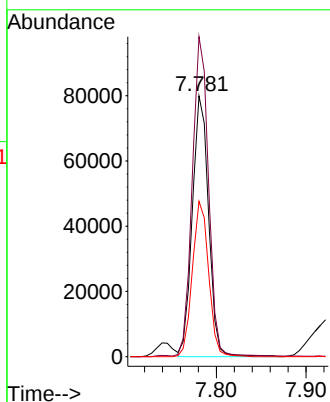
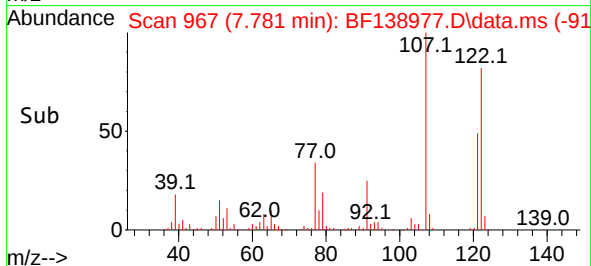
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



Tgt Ion:122 Resp: 10098
Ion Ratio Lower Upper
122 100
107 122.7 95.0 142.6
121 59.6 47.3 70.9

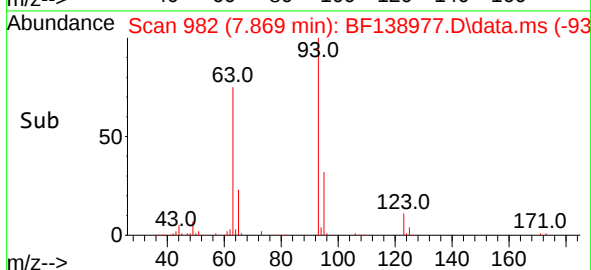
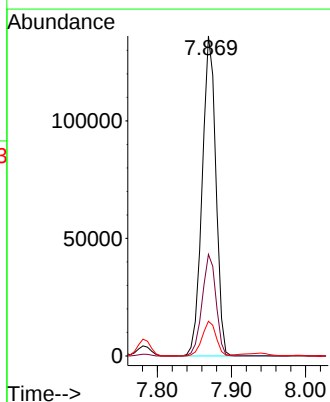
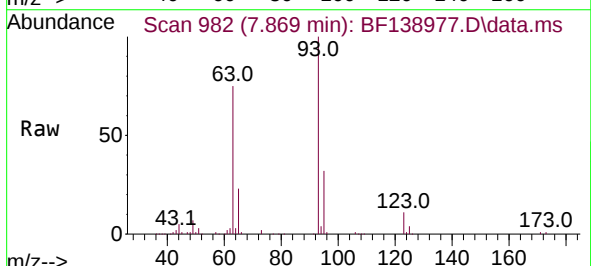
Manual Integrations
APPROVED

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



#28
bis(2-Chloroethoxy)methane
Concen: 53.271 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

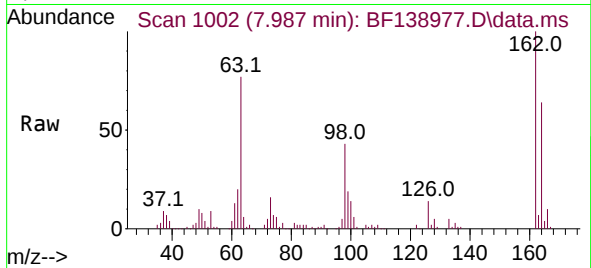
Tgt Ion: 93 Resp: 175566
Ion Ratio Lower Upper
93 100
95 31.8 25.8 38.8
123 10.9 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 56.775 ng
RT: 7.987 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

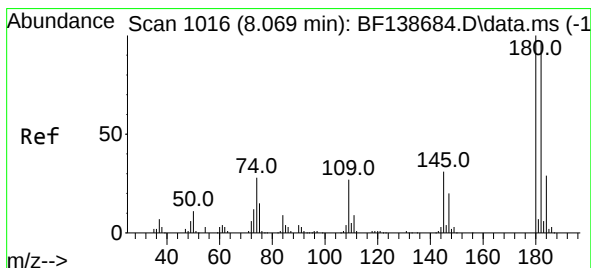
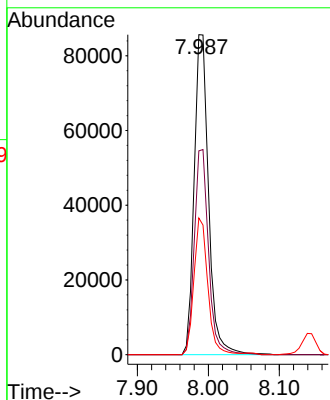
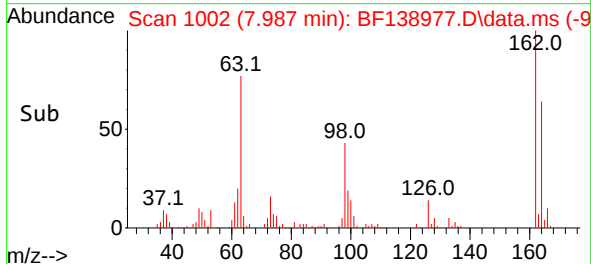
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



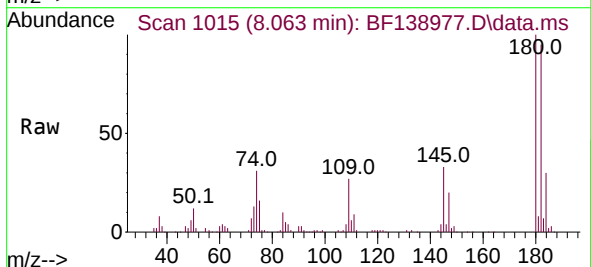
Tgt Ion:162 Resp: 121118
Ion Ratio Lower Upper
162 100
164 63.7 44.7 84.7
98 42.7 20.8 60.8

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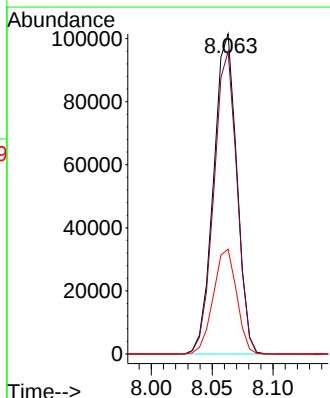
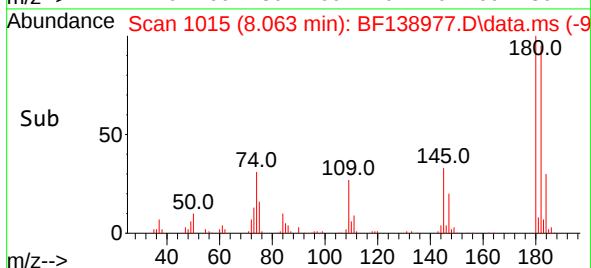
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

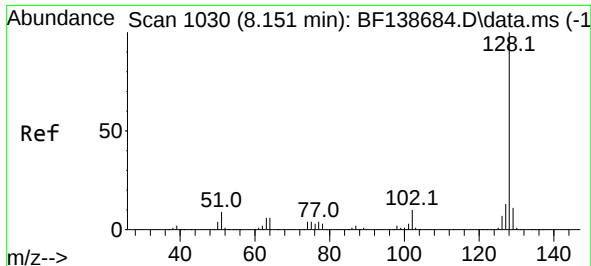


#30
1,2,4-Trichlorobenzene
Concen: 54.719 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20



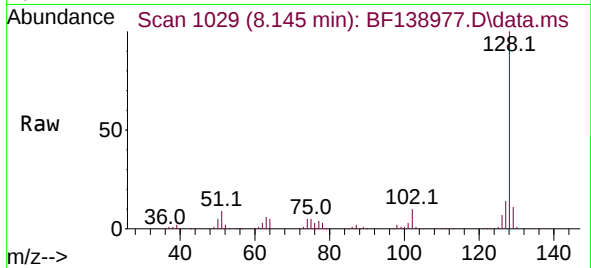
Tgt Ion:180 Resp: 134710
Ion Ratio Lower Upper
180 100
182 94.6 76.9 115.3
145 32.8 25.0 37.4





#31
Naphthalene
Concen: 53.949 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

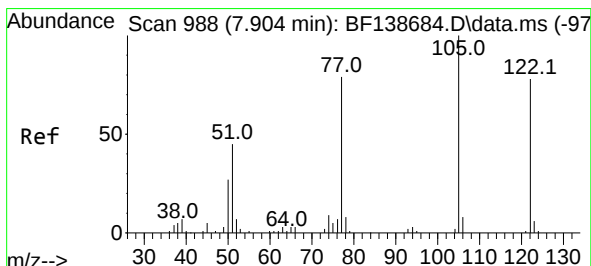
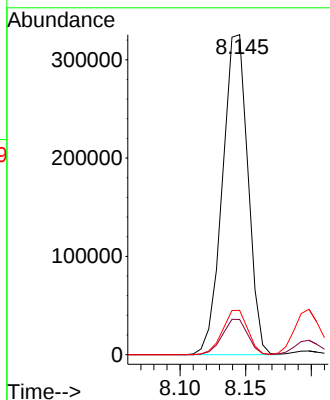
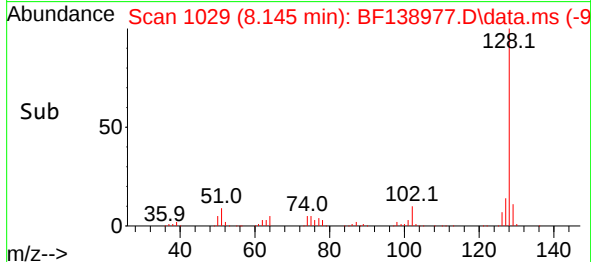
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



Tgt Ion:128 Resp: 44003
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.8 10.6 16.0

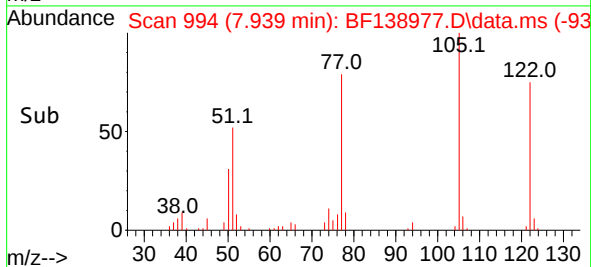
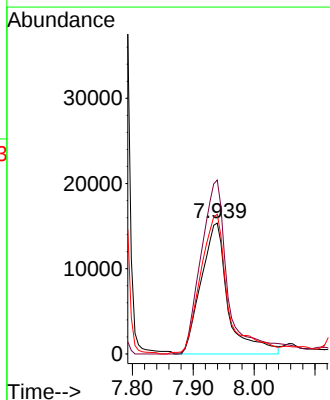
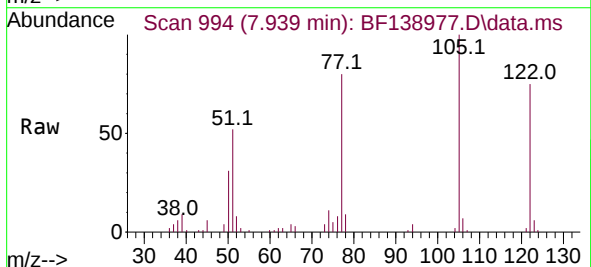
Manual Integrations
APPROVED

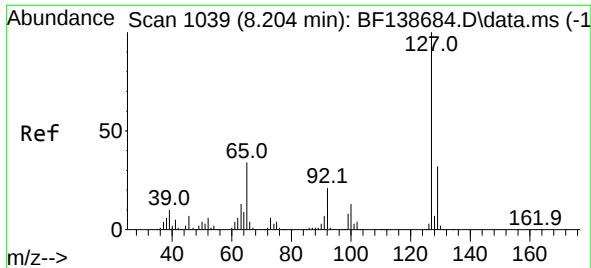
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#32
Benzoic acid
Concen: 36.348 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.035 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

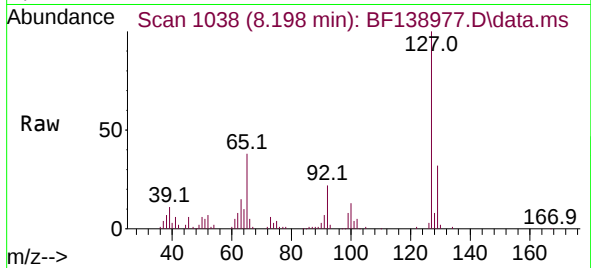
Tgt Ion:122 Resp: 47434
Ion Ratio Lower Upper
122 100
105 132.9 106.7 146.7
77 106.7 81.1 121.1





#33
4-Chloroaniline
Concen: 26.808 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

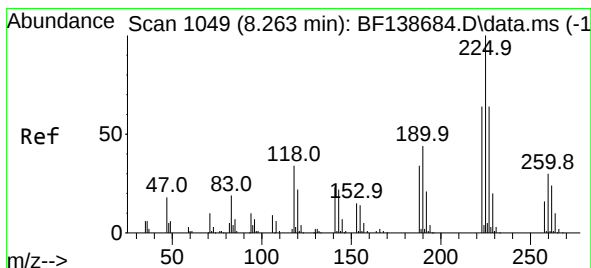
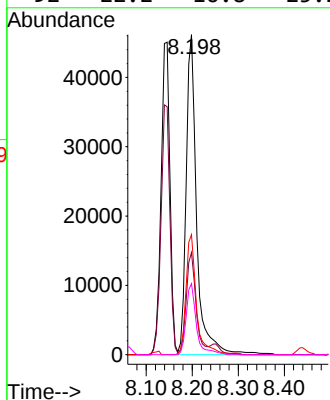
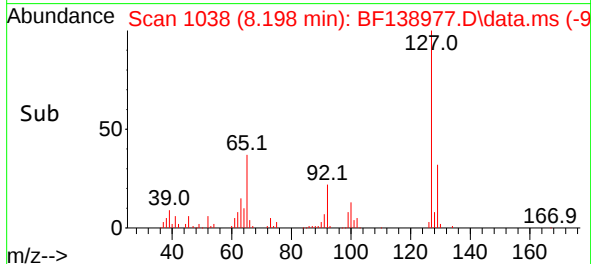
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



Tgt Ion:127 Resp: 73400
Ion Ratio Lower Upper
127 100
129 31.9 25.9 38.9
65 37.5 27.6 41.4
92 22.2 16.8 25.2

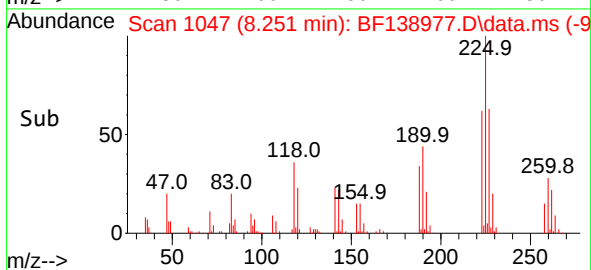
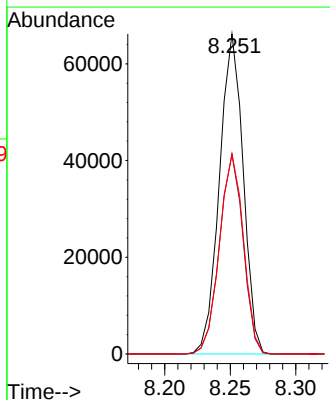
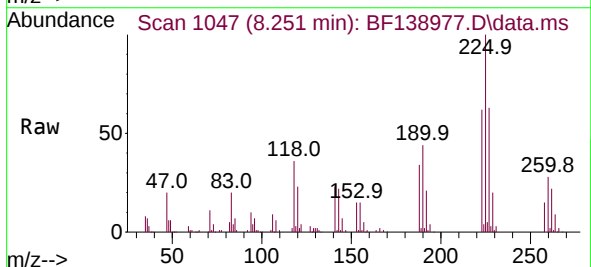
Manual Integrations
APPROVED

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



#34
Hexachlorobutadiene
Concen: 55.778 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

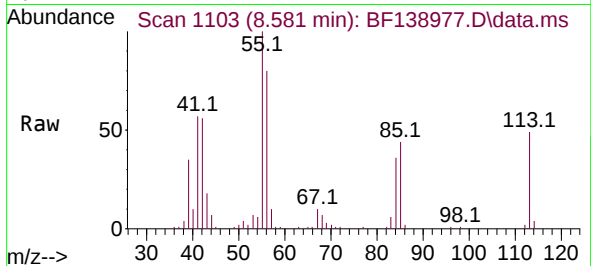
Tgt Ion:225 Resp: 83173
Ion Ratio Lower Upper
225 100
223 62.2 51.2 76.8
227 62.6 51.1 76.7





#35
Caprolactam
Concen: 53.911 ng m
RT: 8.581 min Scan# 1103
Delta R.T. 0.012 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

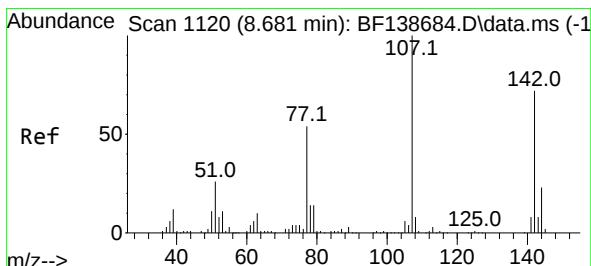
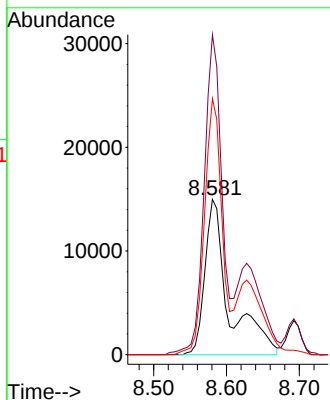
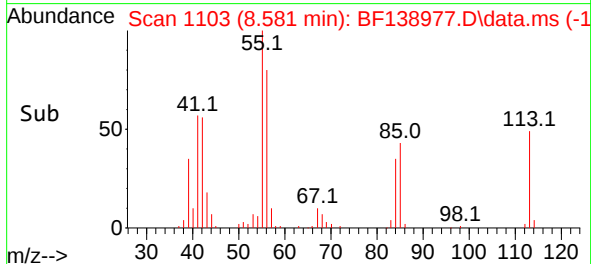
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



Tgt Ion:113 Resp: 3431
Ion Ratio Lower Upper
113 100
55 206.0 186.7 226.7
56 165.0 138.9 178.9

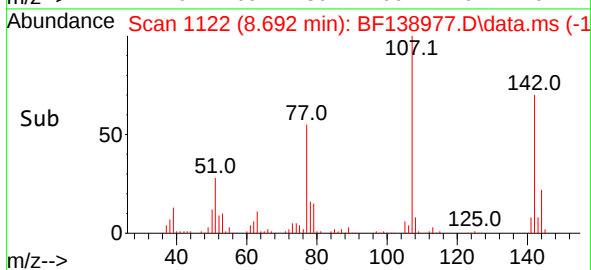
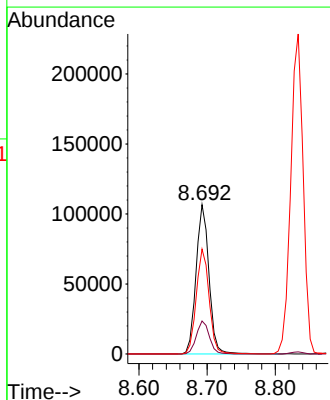
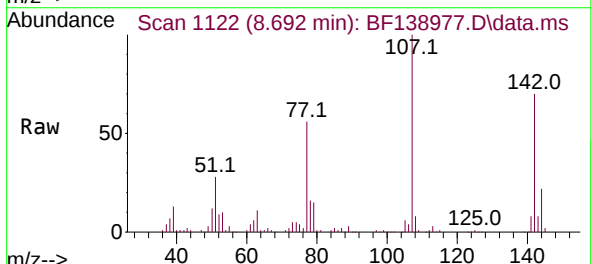
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APPROVED

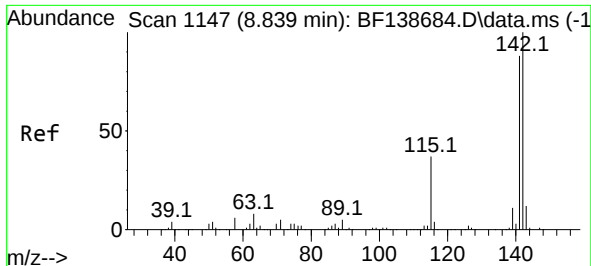
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#36
4-Chloro-3-methylphenol
Concen: 57.625 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

Tgt Ion:107 Resp: 140491
Ion Ratio Lower Upper
107 100
144 22.1 18.2 27.2
142 70.2 57.4 86.2





#37

2-Methylnaphthalene

Concen: 56.223 ng

RT: 8.834 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF138977.D

Acq: 13 Aug 2024 16:20

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MSD

Tgt Ion:142 Resp: 289618

Ion Ratio Lower Upper

142 100

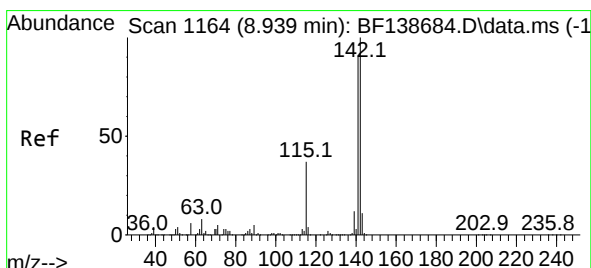
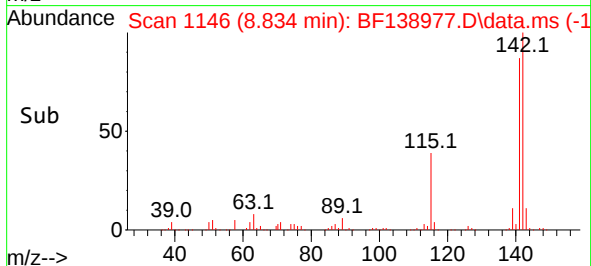
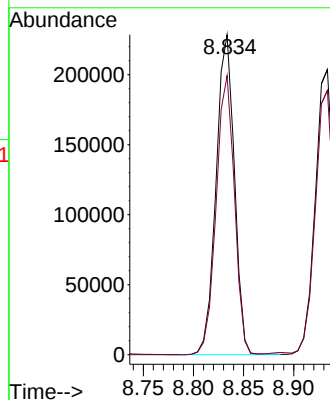
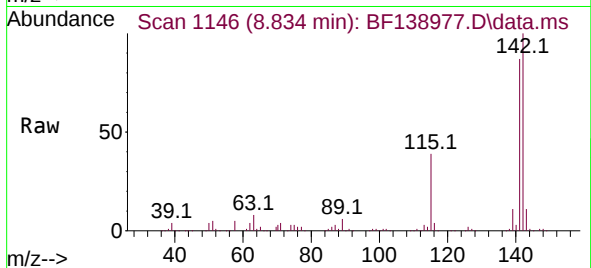
141 87.2 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#38

1-Methylnaphthalene

Concen: 52.350 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138977.D

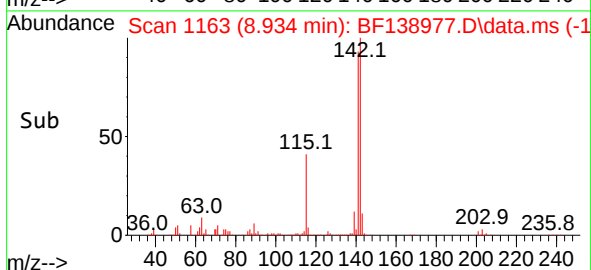
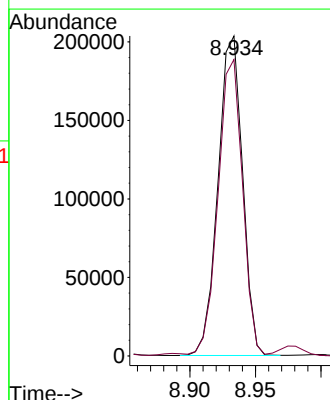
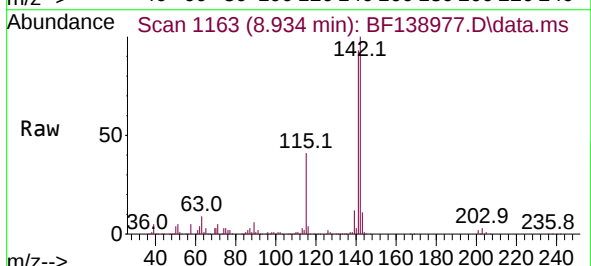
Acq: 13 Aug 2024 16:20

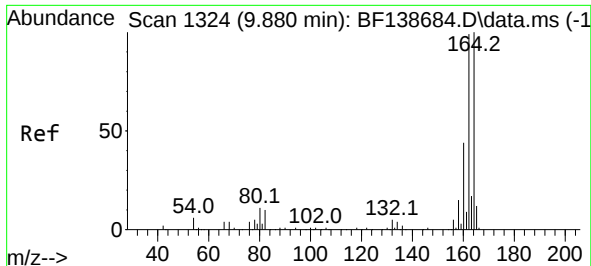
Tgt Ion:142 Resp: 264251

Ion Ratio Lower Upper

142 100

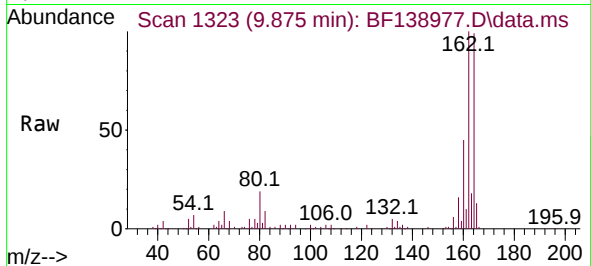
141 92.7 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1117
Delta R.T. -0.005 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

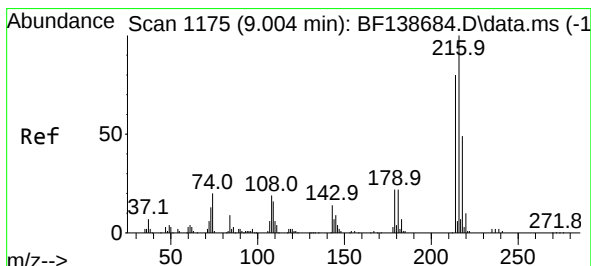
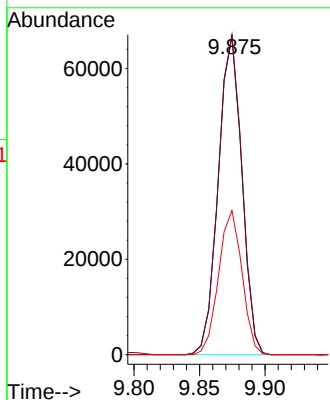
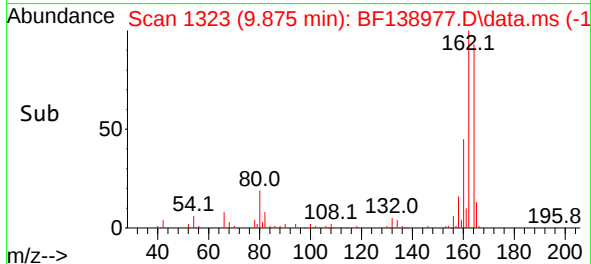
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



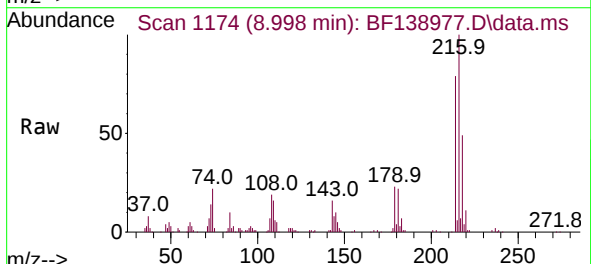
Tgt Ion:164 Resp: 83209
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.0
160 45.4 35.1 52.7

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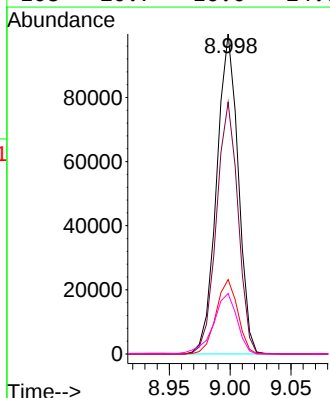
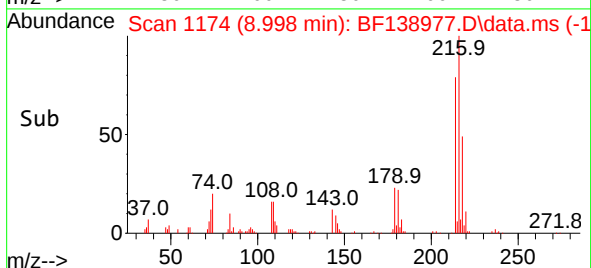
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.234 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20



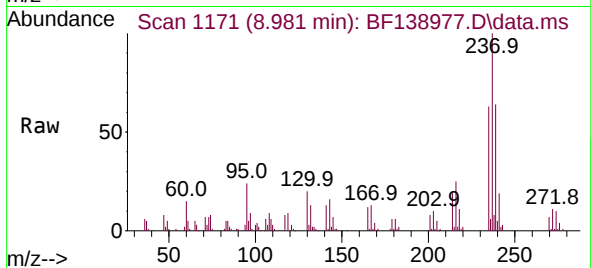
Tgt Ion:216 Resp: 123047
Ion Ratio Lower Upper
216 100
214 78.2 63.9 95.9
179 23.4 17.8 26.6
108 20.7 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 98.074 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

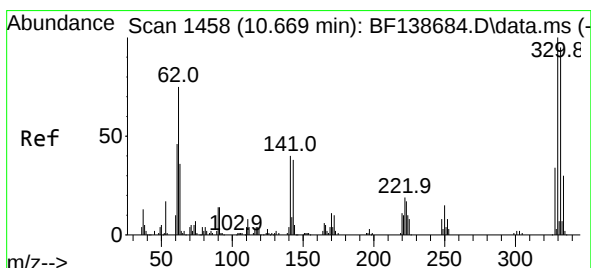
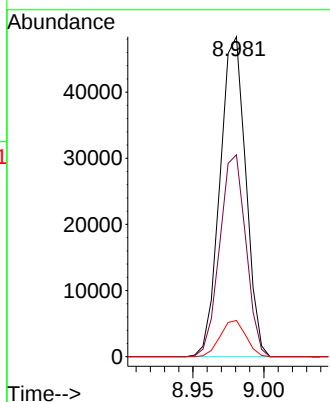
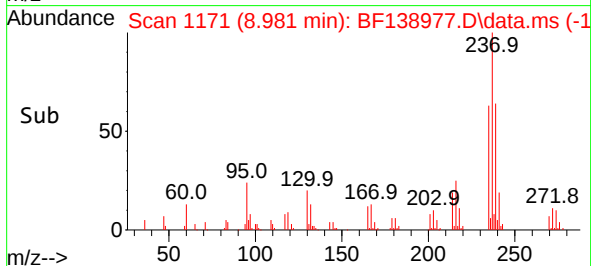
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



Tgt Ion:237 Resp: 6105
Ion Ratio Lower Upper
237 100
235 63.1 41.8 81.8
272 11.3 0.0 32.2

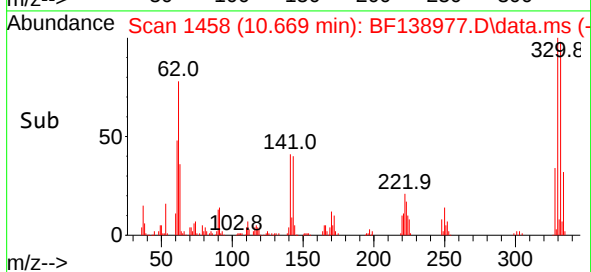
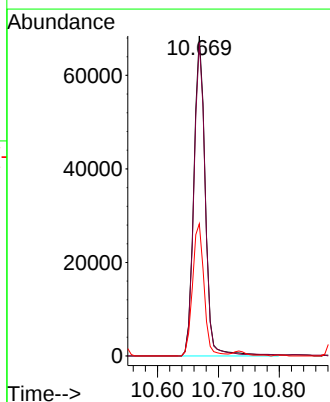
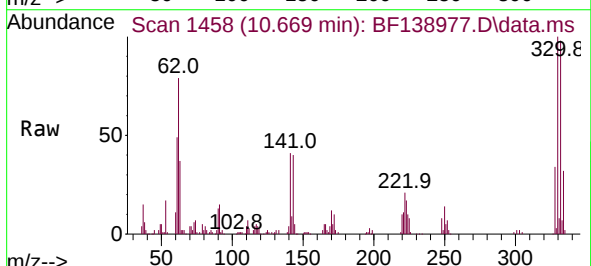
Manual Integrations
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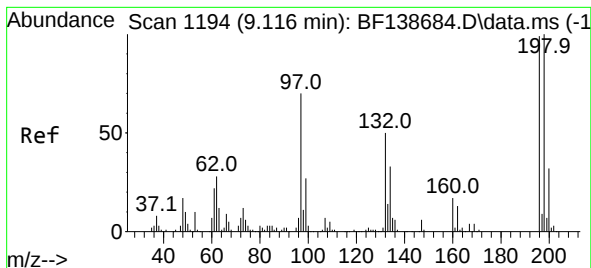
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#42
2,4,6-Tribromophenol
Concen: 130.841 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

Tgt Ion:330 Resp: 89180
Ion Ratio Lower Upper
330 100
332 96.2 76.4 114.6
141 41.8 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 54.542 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138977.D

Acq: 13 Aug 2024 16:20

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MSD

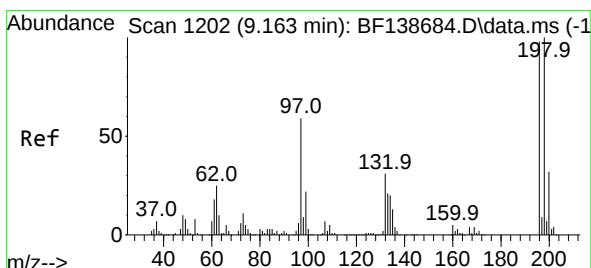
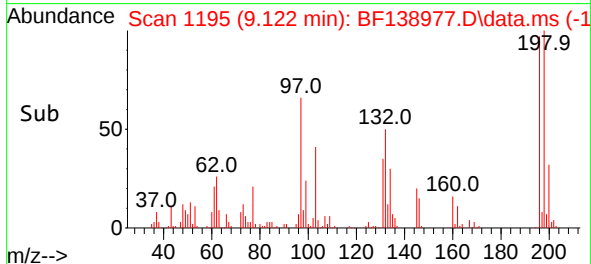
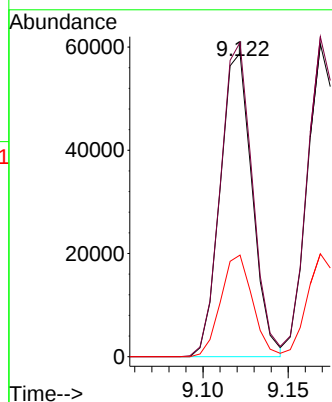
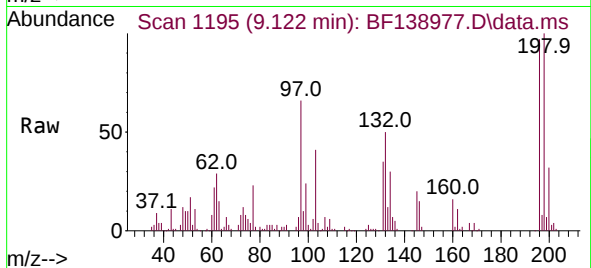
Tgt Ion:196	Resp:	7686
Ion Ratio	Lower	Upper
196	100	
198	103.5	80.5 120.7
200	33.5	25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#44

2,4,5-Trichlorophenol

Concen: 53.657 ng

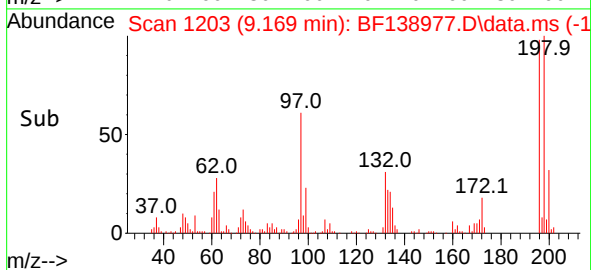
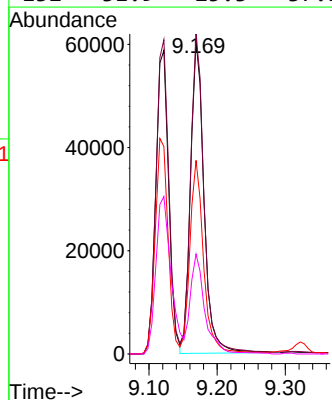
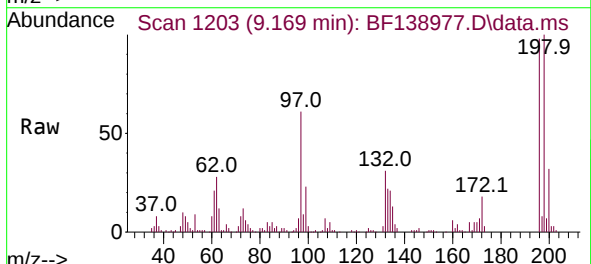
RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF138977.D

Acq: 13 Aug 2024 16:20

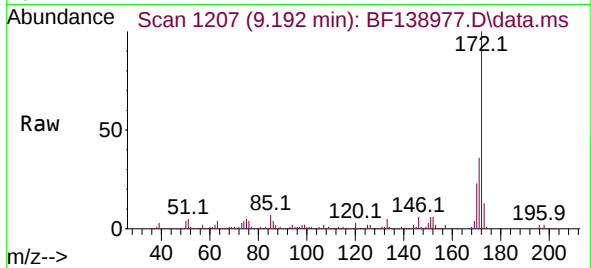
Tgt Ion:196	Resp:	82669
Ion Ratio	Lower	Upper
196	100	
198	102.3	81.2 121.8
97	61.9	47.8 71.6
132	31.9	25.3 37.9





#45
2-Fluorobiphenyl
Concen: 88.653 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

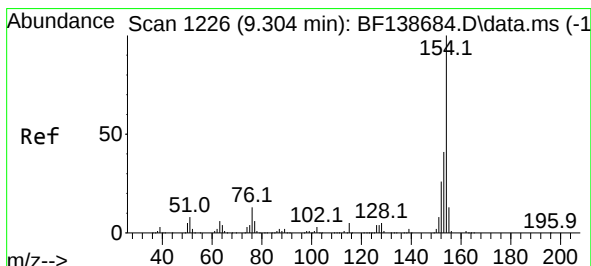
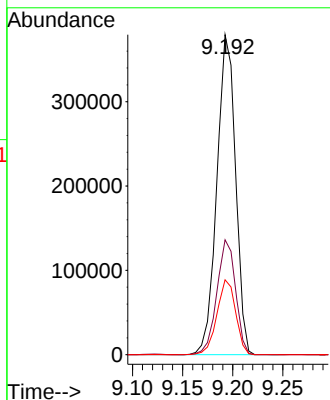
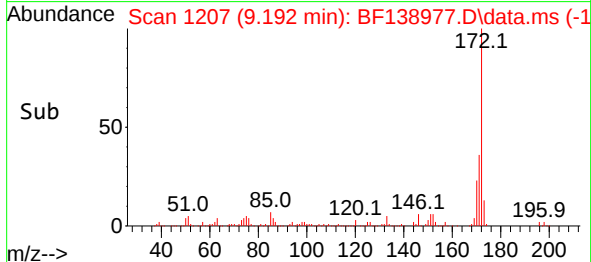
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



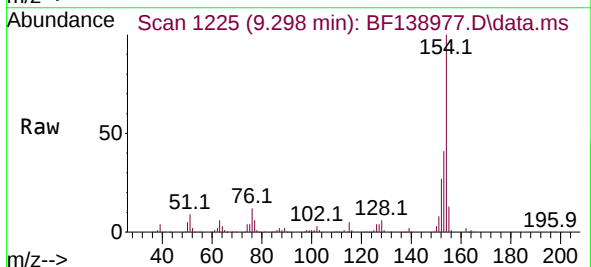
Tgt Ion:172 Resp: 490961
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.4 18.8 28.2

Manual Integrations
APPROVED

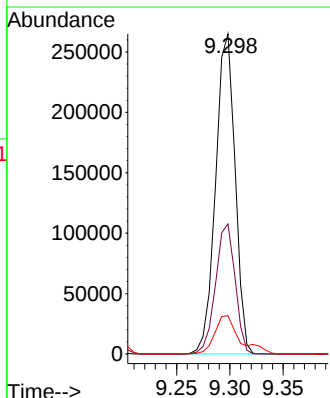
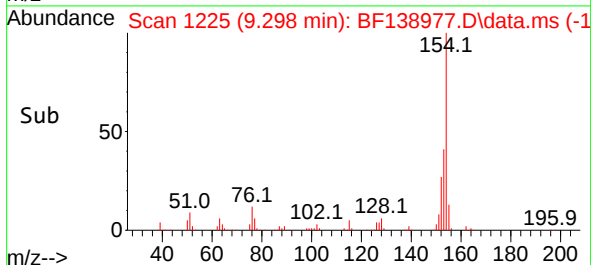
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#46
1,1'-Biphenyl
Concen: 51.632 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20



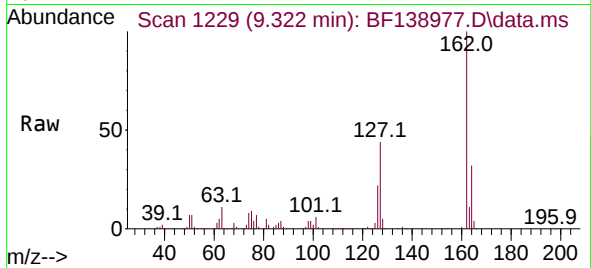
Tgt Ion:154 Resp: 336474
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 12.0 0.0 32.8





#47
2-Chloronaphthalene
Concen: 55.184 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

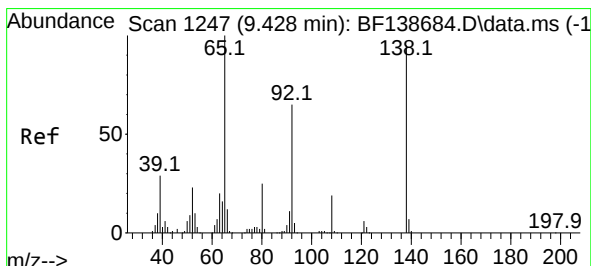
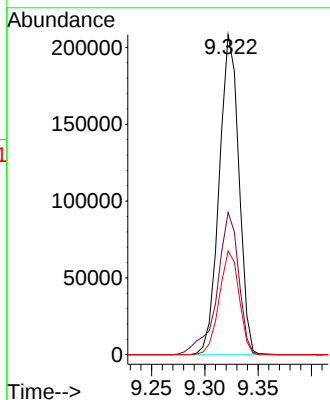
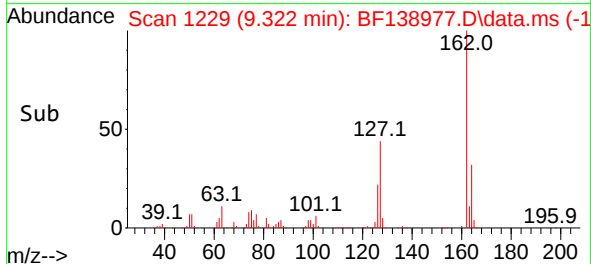
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



Tgt Ion:162 Resp: 267464
Ion Ratio Lower Upper
162 100
127 44.5 35.4 53.2
164 32.4 25.6 38.4

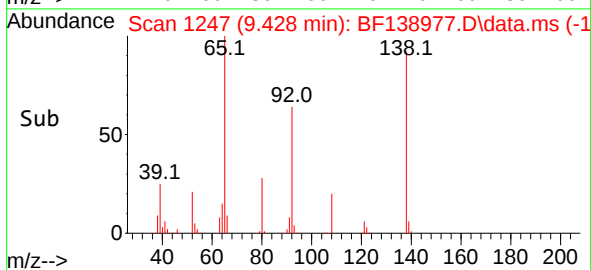
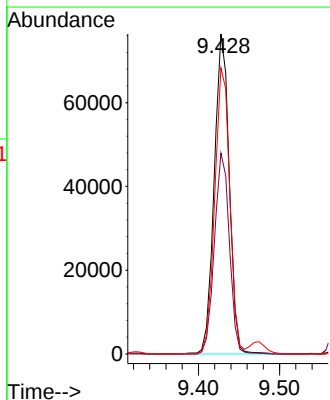
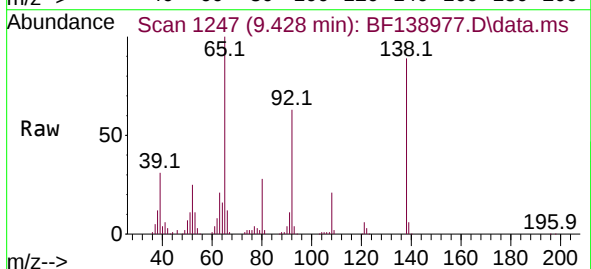
Manual Integrations
APPROVED

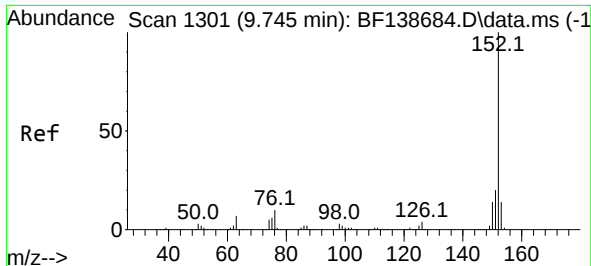
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#48
2-Nitroaniline
Concen: 59.800 ng
RT: 9.428 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

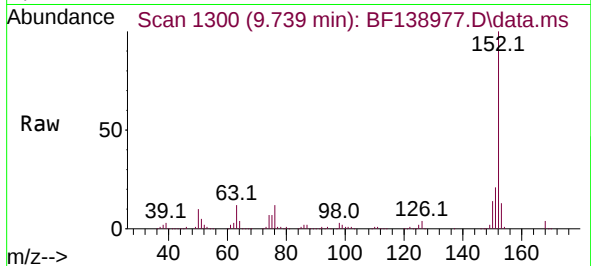
Tgt Ion: 65 Resp: 98257
Ion Ratio Lower Upper
65 100
92 62.8 52.0 78.0
138 89.4 76.2 114.4





#49
Acenaphthylene
Concen: 59.617 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

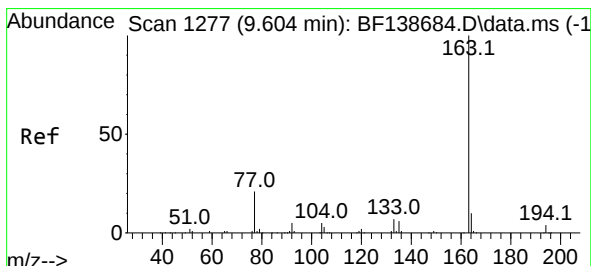
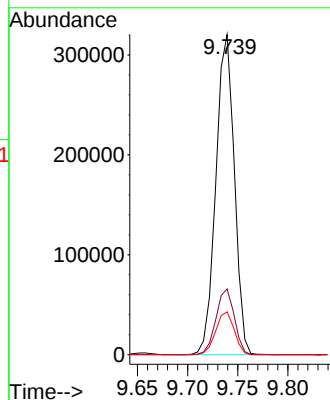
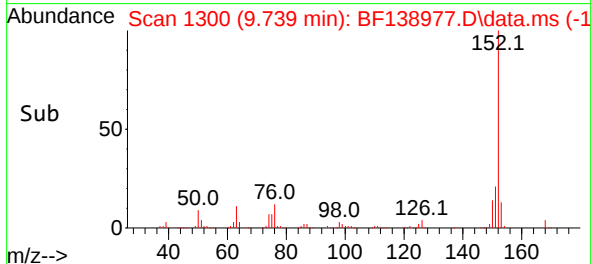
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



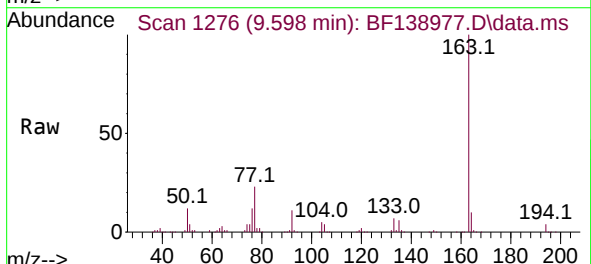
Tgt Ion:152 Resp: 409810
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.4 11.0 16.4

Manual Integrations
APPROVED

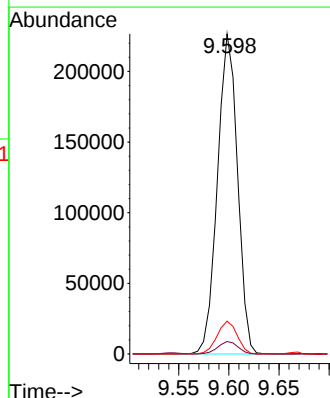
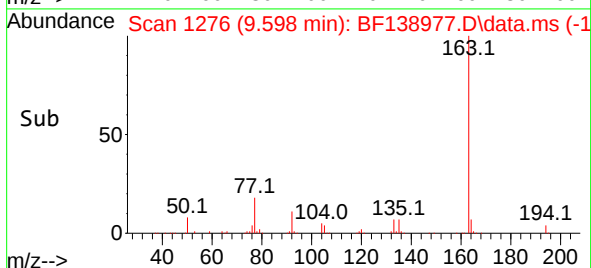
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

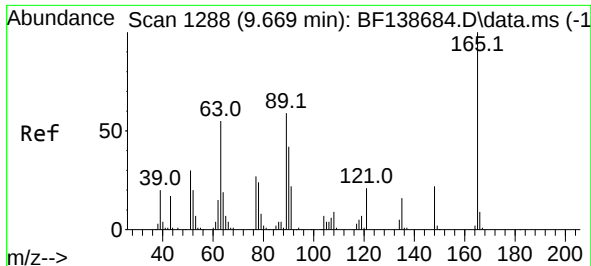


#50
Dimethylphthalate
Concen: 59.156 ng
RT: 9.598 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20



Tgt Ion:163 Resp: 314740
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 55.650 ng

RT: 9.669 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BF138977.D

Acq: 13 Aug 2024 16:20

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MSD

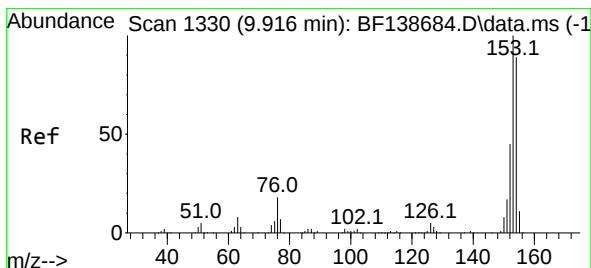
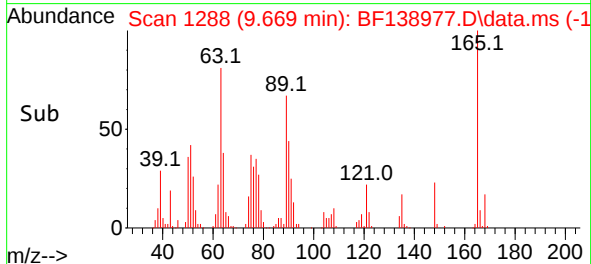
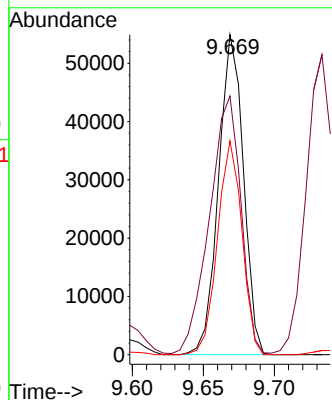
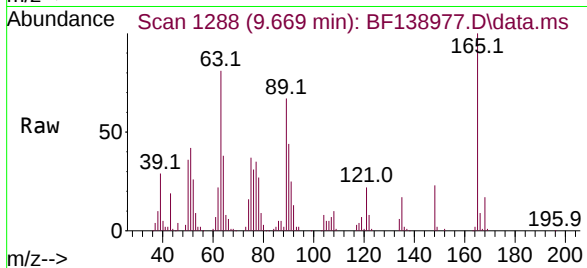
Tgt Ion:165 Resp: 66820
 Ion Ratio Lower Upper
 165 100
 63 80.9 52.0 78.0
 89 66.8 47.0 70.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#52

Acenaphthene

Concen: 54.388 ng

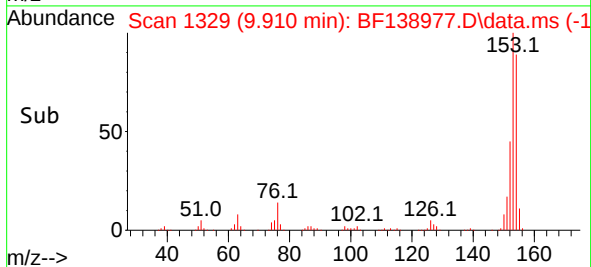
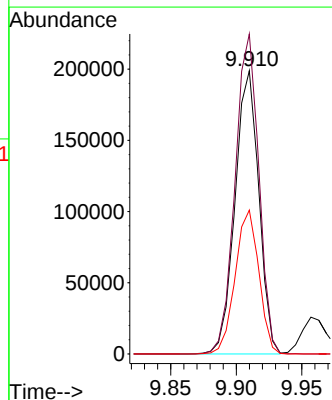
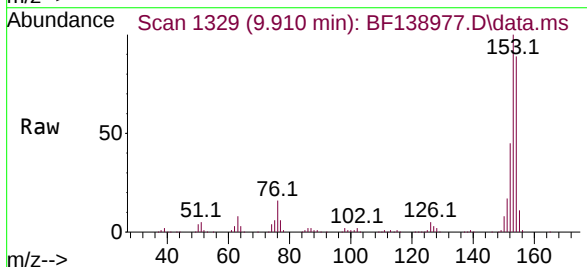
RT: 9.910 min Scan# 1329

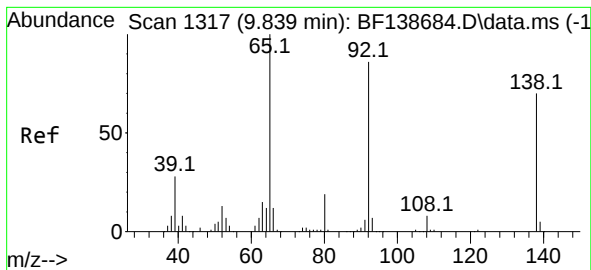
Delta R.T. -0.006 min

Lab File: BF138977.D

Acq: 13 Aug 2024 16:20

Tgt Ion:154 Resp: 251323
 Ion Ratio Lower Upper
 154 100
 153 113.0 89.9 134.9
 152 50.8 40.6 60.8





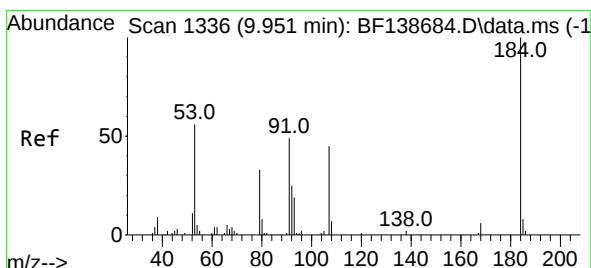
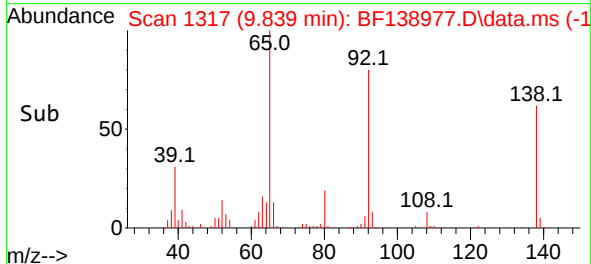
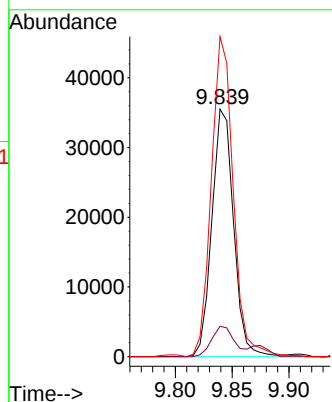
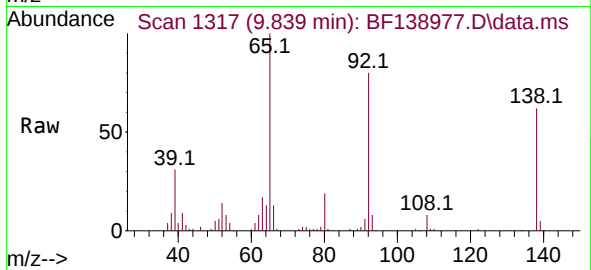
#53
3-Nitroaniline
Concen: 38.027 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD

Tgt Ion:138 Resp: 4720
Ion Ratio Lower Upper
138 100
108 12.3 9.1 13.7
92 129.3 98.7 148.1

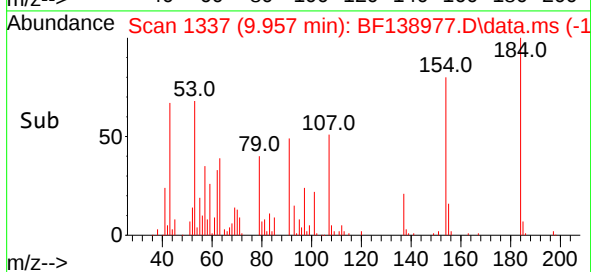
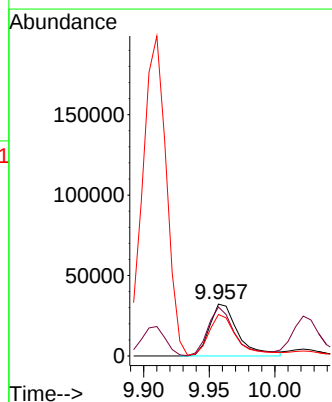
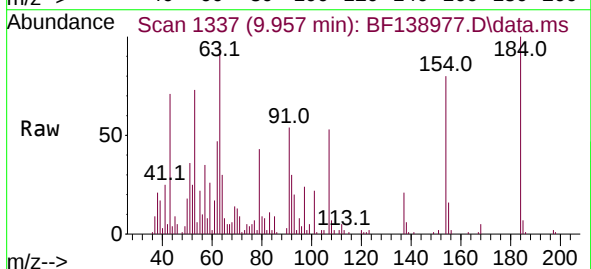
Manual Integrations
APPROVED

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



#54
2,4-Dinitrophenol
Concen: 88.507 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

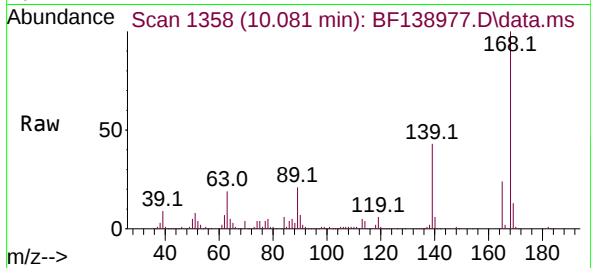
Tgt Ion:184 Resp: 48921
Ion Ratio Lower Upper
184 100
63 94.4 57.5 86.3#
154 80.1 51.7 77.5#





#55
Dibenzenofuran
Concen: 56.708 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

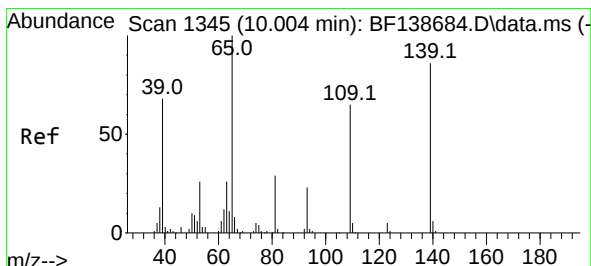
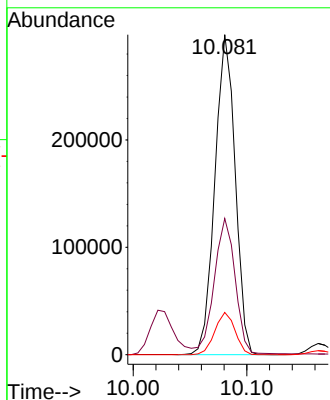
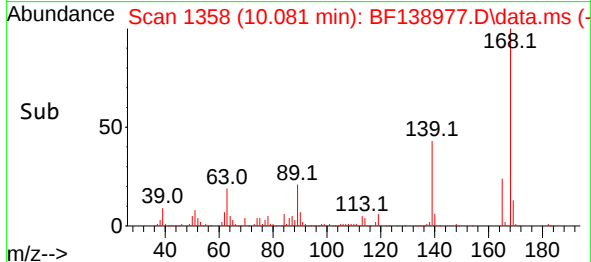
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



Tgt Ion:168 Resp: 369904
Ion Ratio Lower Upper
168 100
139 42.6 32.6 49.0
169 13.2 10.7 16.1

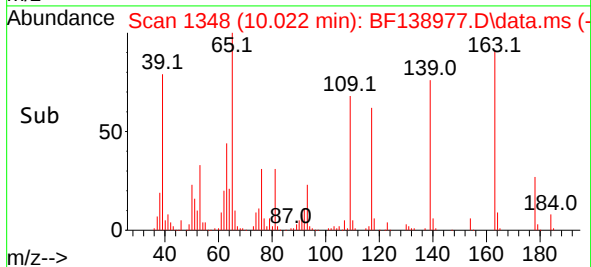
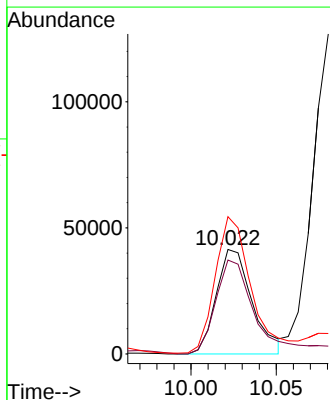
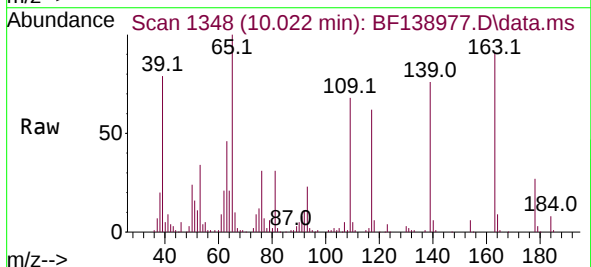
Manual Integrations
APPROVED

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



#56
4-Nitrophenol
Concen: 81.326 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

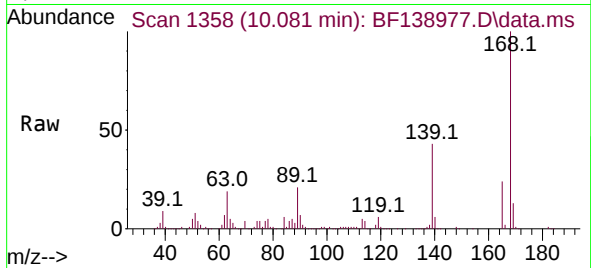
Tgt Ion:139 Resp: 60706
Ion Ratio Lower Upper
139 100
109 89.9 55.5 95.5
65 131.3 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 57.750 ng
RT: 10.081 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

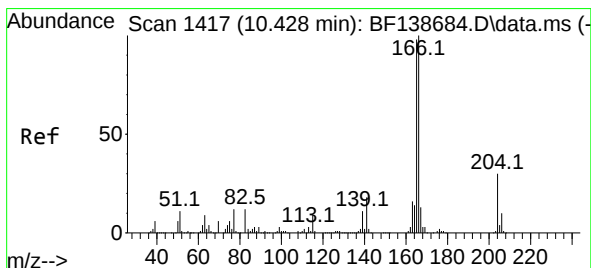
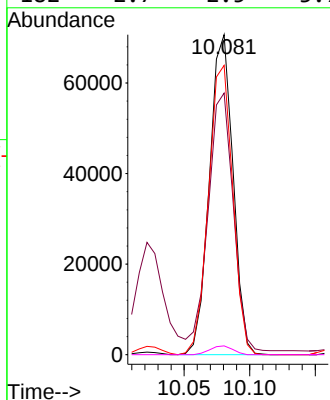
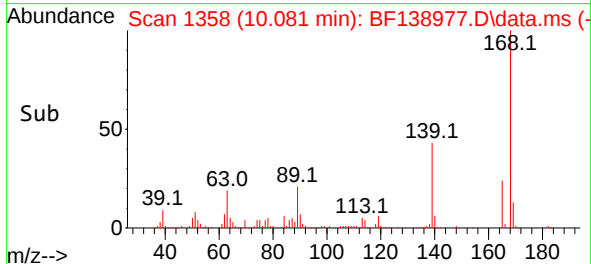
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



Tgt Ion:165 Resp: 88470
Ion Ratio Lower Upper
165 100
63 81.7 46.3 69.5
89 90.4 64.2 96.4
182 2.7 2.5 3.7

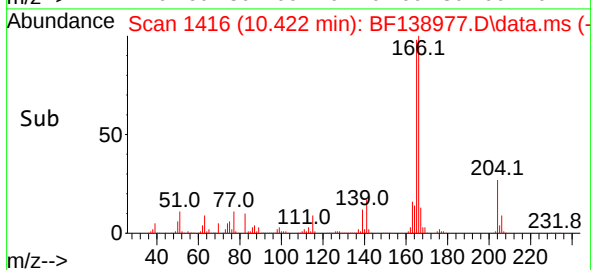
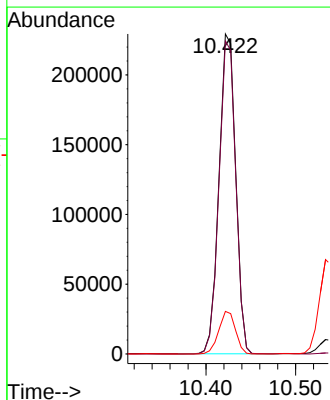
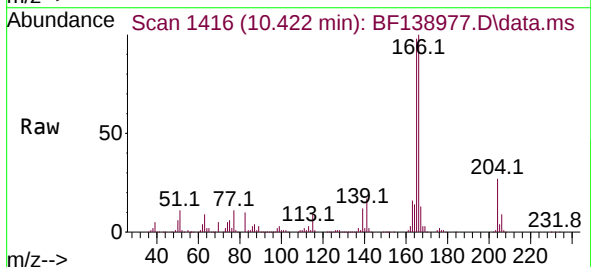
Manual Integrations
APPROVED

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



#58
Fluorene
Concen: 57.031 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

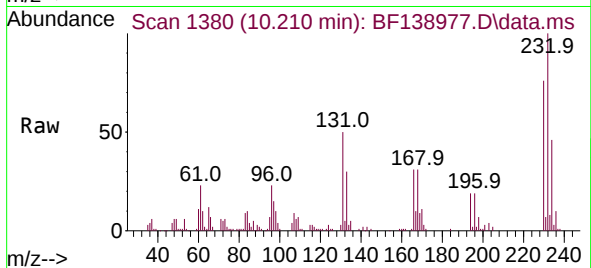
Tgt Ion:166 Resp: 296241
Ion Ratio Lower Upper
166 100
165 97.8 78.4 117.6
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.321 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

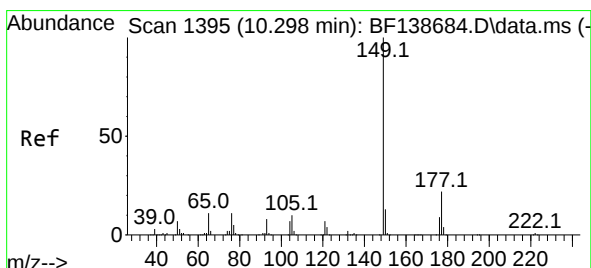
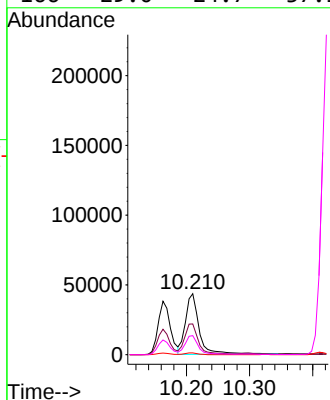
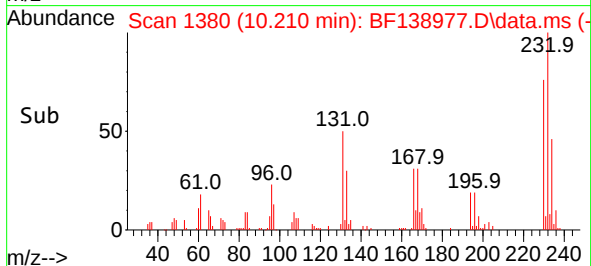
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



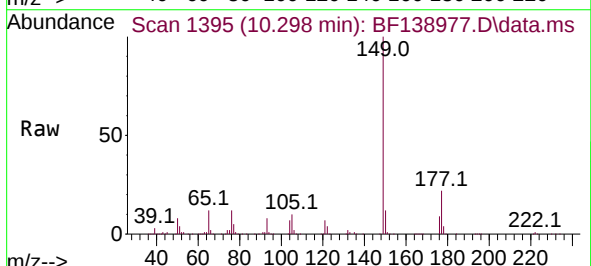
Tgt Ion:232 Resp: 6516
Ion Ratio Lower Upper
232 100
131 50.6 37.0 55.4
130 2.8 2.0 3.0
166 29.0 24.7 37.1

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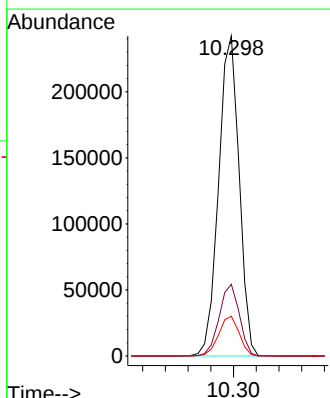
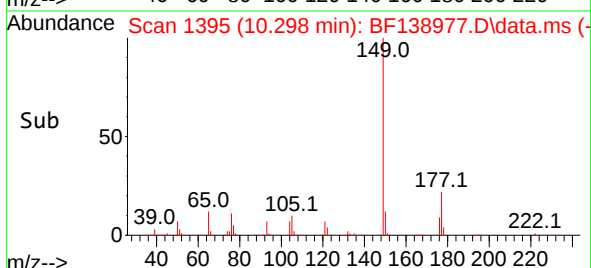
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

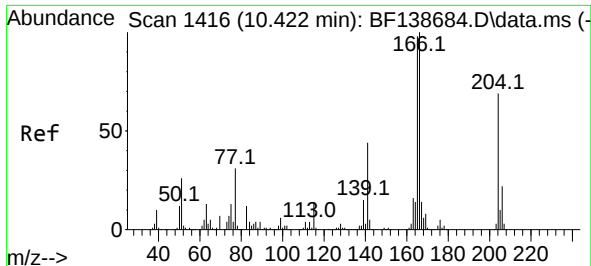


#60
Diethylphthalate
Concen: 60.222 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20



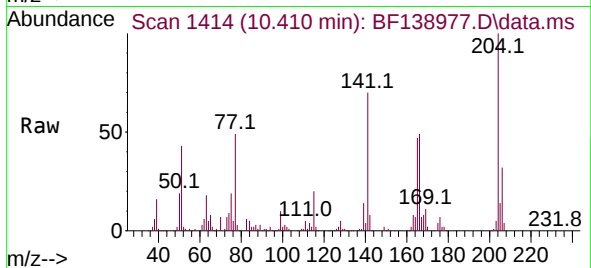
Tgt Ion:149 Resp: 303805
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 56.655 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

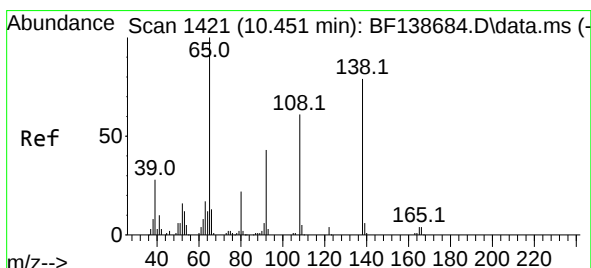
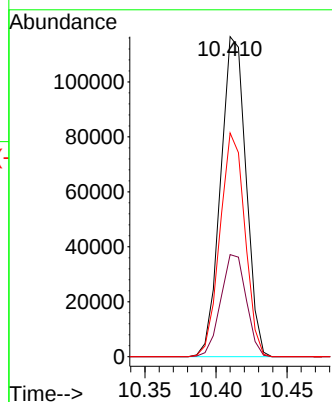
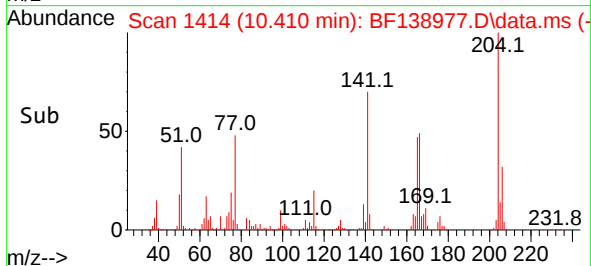
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



Tgt Ion:204 Resp: 14473
Ion Ratio Lower Upper
204 100
206 31.9 26.1 39.1
141 69.9 51.4 77.0

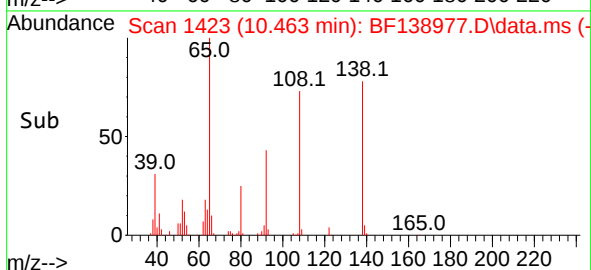
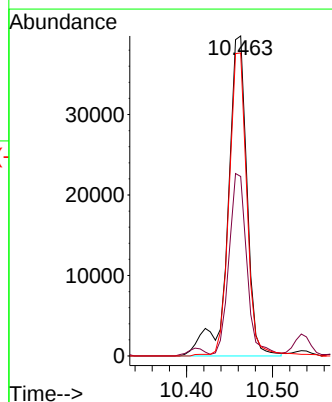
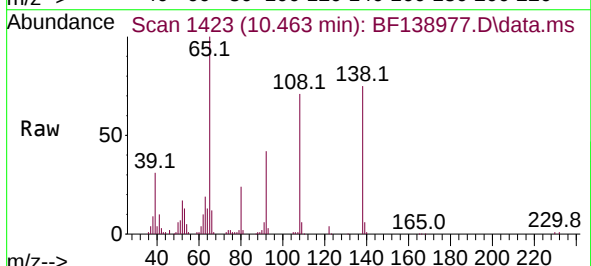
Manual Integrations
APPROVED

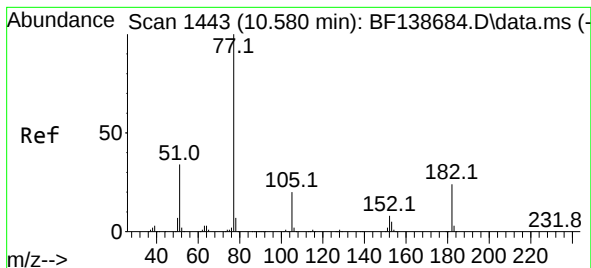
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#62
4-Nitroaniline
Concen: 51.729 ng m
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

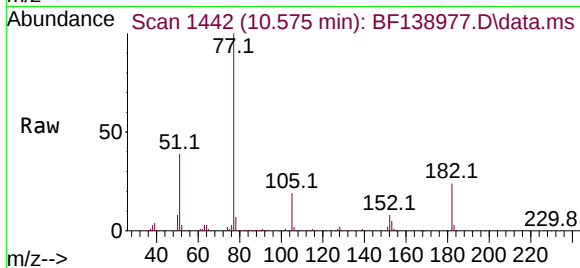
Tgt Ion:138 Resp: 61020
Ion Ratio Lower Upper
138 100
92 56.1 34.2 74.2
108 94.7 56.2 96.2





#63
Azobenzene
Concen: 55.711 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

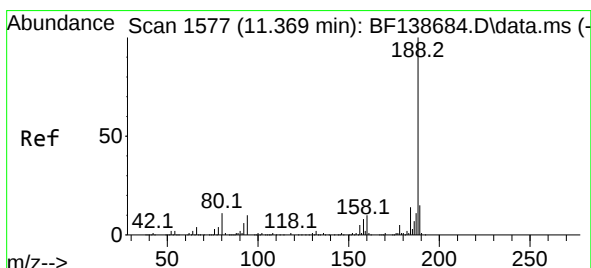
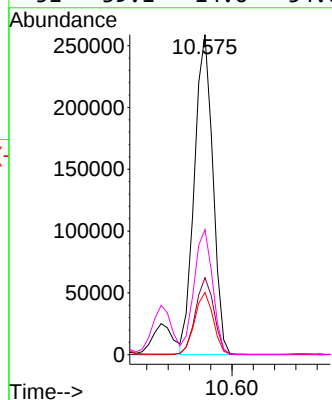
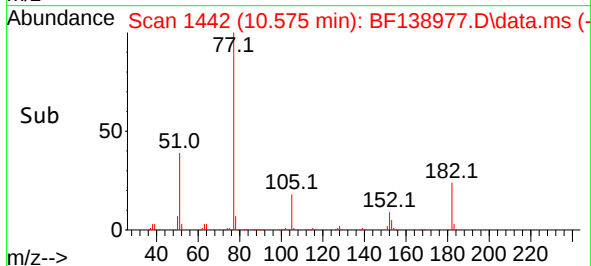
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



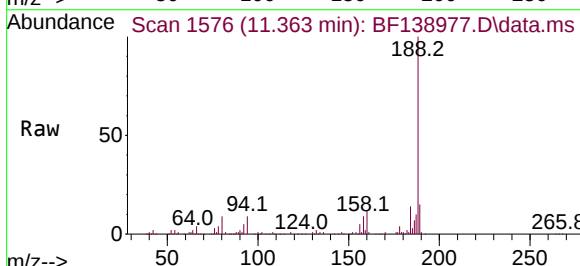
Tgt Ion: 77 Resp: 311709
Ion Ratio Lower Upper
77 100
182 24.0 3.4 43.4
105 19.4 0.2 40.2
51 39.1 14.6 54.6

Manual Integrations
APPROVED

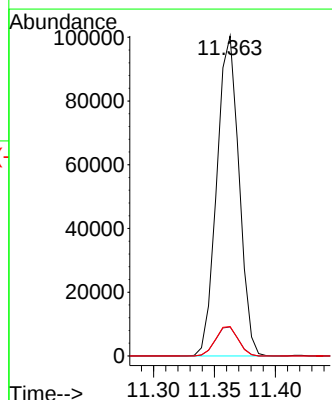
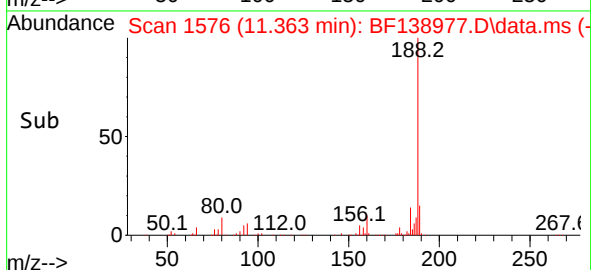
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

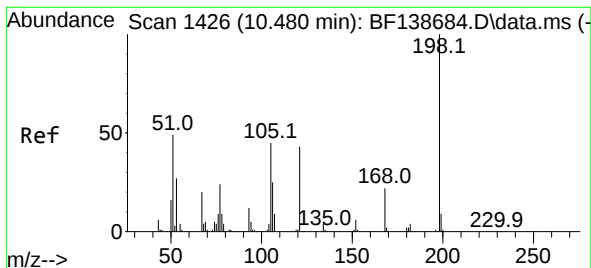


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20



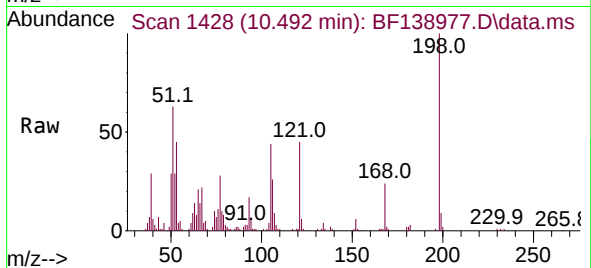
Tgt Ion:188 Resp: 127552
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.2 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 54.979 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

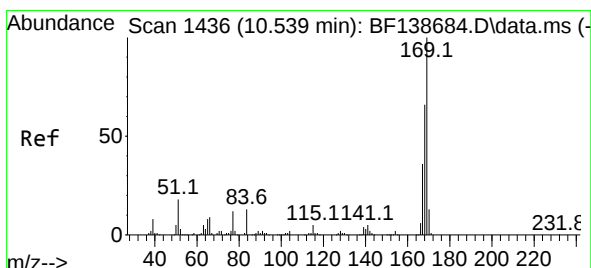
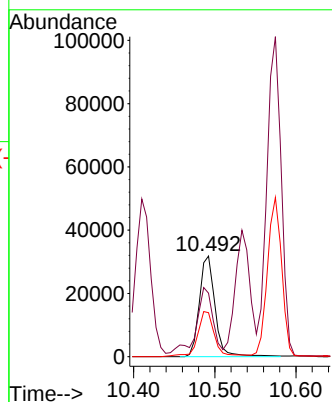
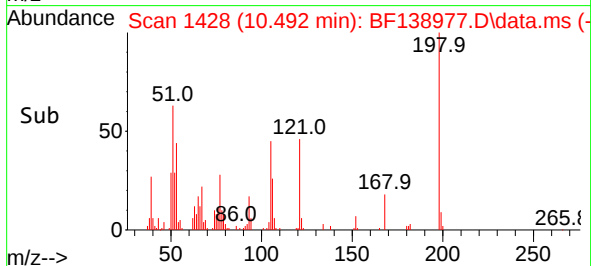
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



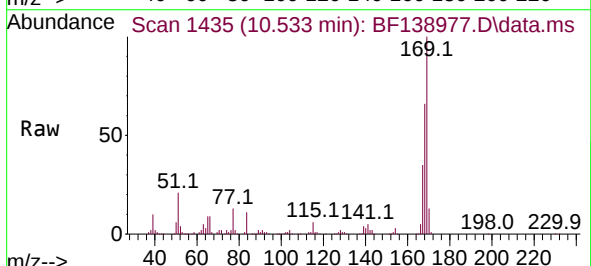
Tgt Ion:198 Resp: 4278
Ion Ratio Lower Upper
198 100
51 63.1 39.9 79.9
105 43.7 26.1 66.1

Manual Integrations
APPROVED

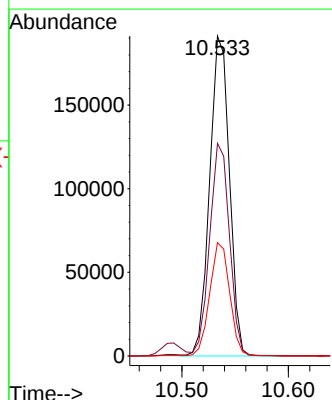
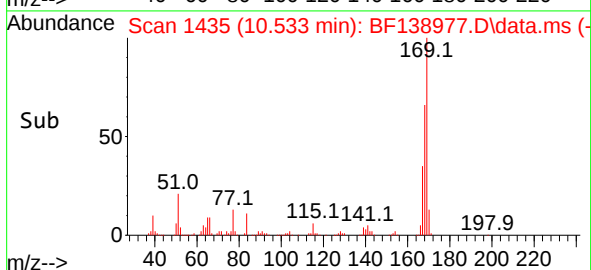
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

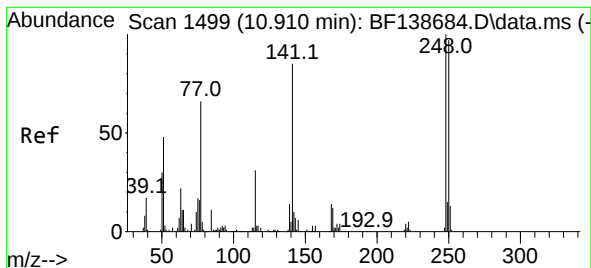


#66
n-Nitrosodiphenylamine
Concen: 61.641 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20



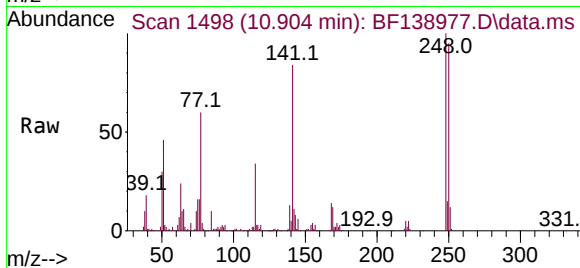
Tgt Ion:169 Resp: 245761
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.6
167 35.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 59.853 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

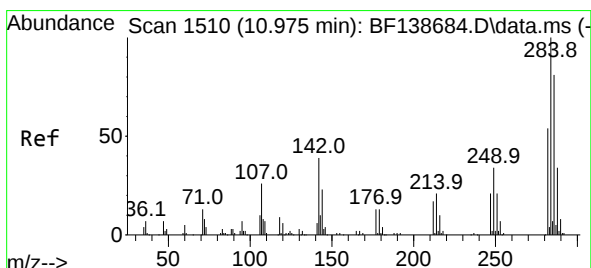
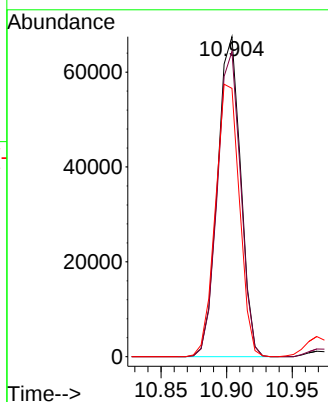
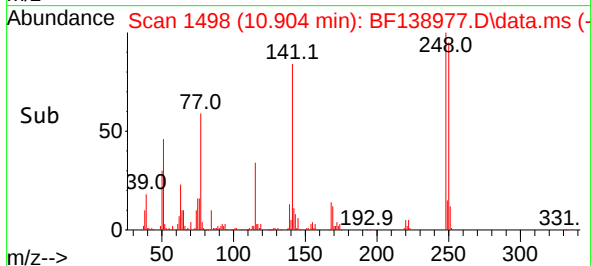
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



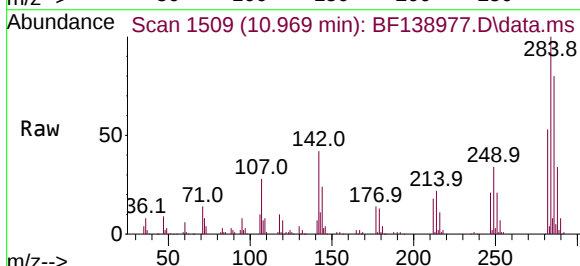
Tgt Ion:248 Resp: 82650
Ion Ratio Lower Upper
248 100
250 95.4 77.7 116.5
141 83.8 68.0 102.0

Manual Integrations
APPROVED

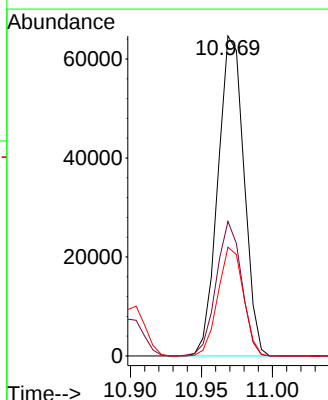
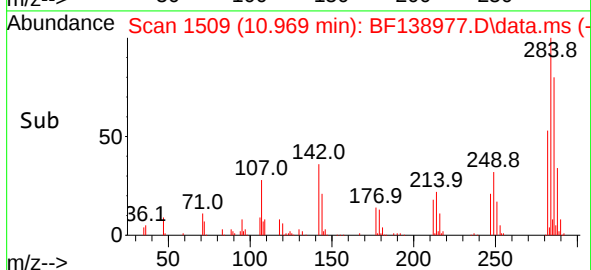
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#68
Hexachlorobenzene
Concen: 57.921 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20



Tgt Ion:284 Resp: 82588
Ion Ratio Lower Upper
284 100
142 42.0 31.3 46.9
249 34.0 27.2 40.8





#69

Atrazine

Concen: 70.801 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF138977.D

Acq: 13 Aug 2024 16:20

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MSD

Tgt Ion:200 Resp: 72830

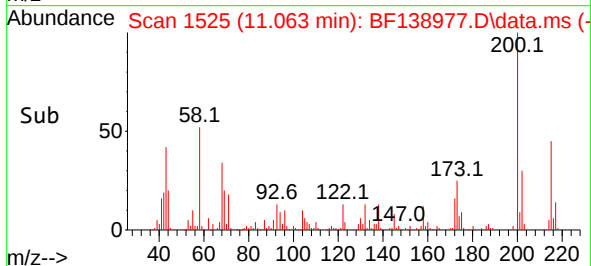
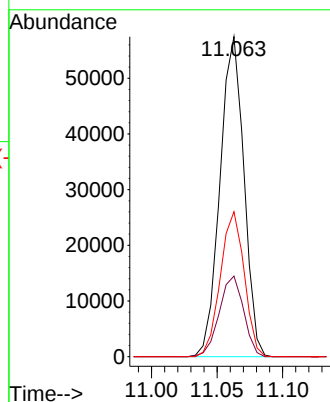
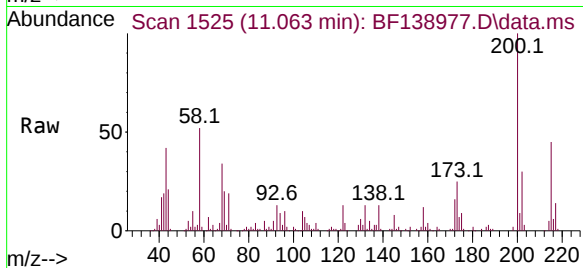
Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.0	46.0
215	45.3	26.1	66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#70

Pentachlorophenol

Concen: 73.573 ng

RT: 11.175 min Scan# 1544

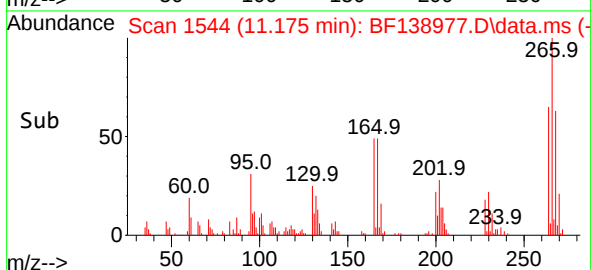
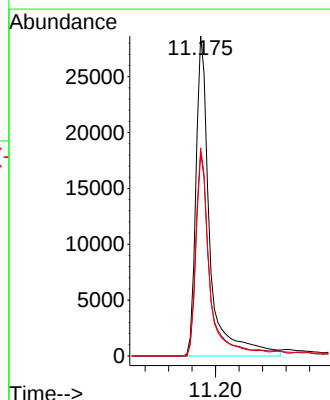
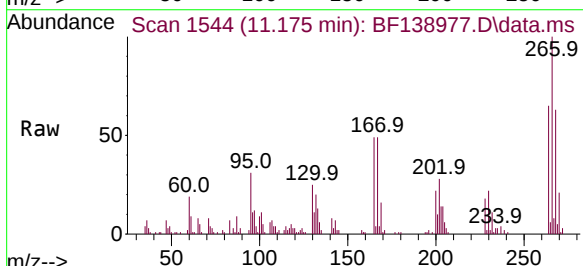
Delta R.T. -0.000 min

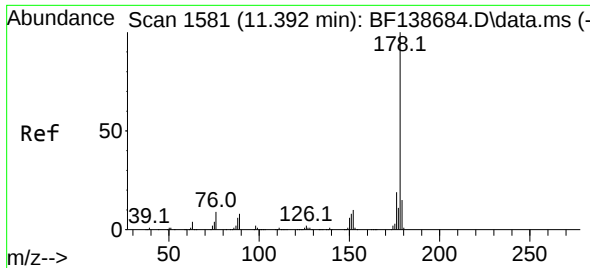
Lab File: BF138977.D

Acq: 13 Aug 2024 16:20

Tgt Ion:266 Resp: 47286

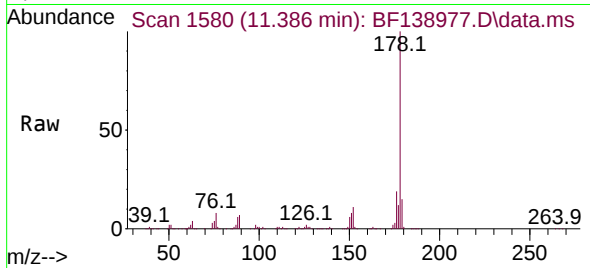
Ion	Ratio	Lower	Upper
266	100		
268	63.4	49.2	73.8
264	65.0	49.8	74.6





#71
Phenanthrene
Concen: 58.217 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

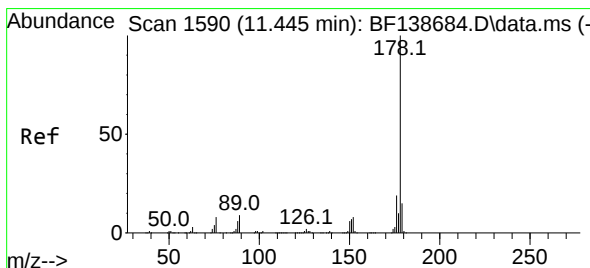
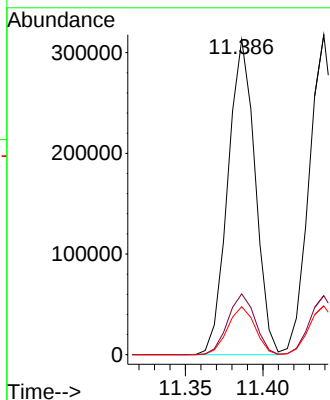
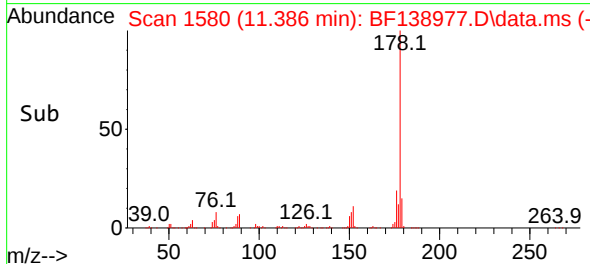
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



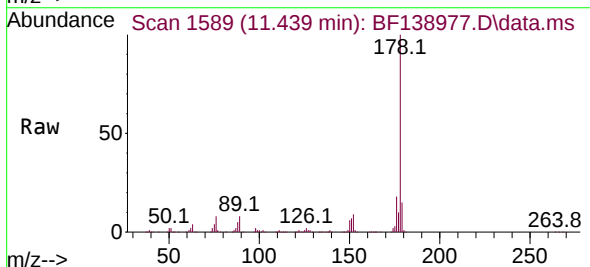
Tgt Ion:178 Resp: 382362
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.3 12.2 18.2

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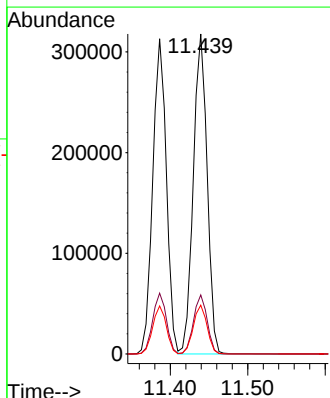
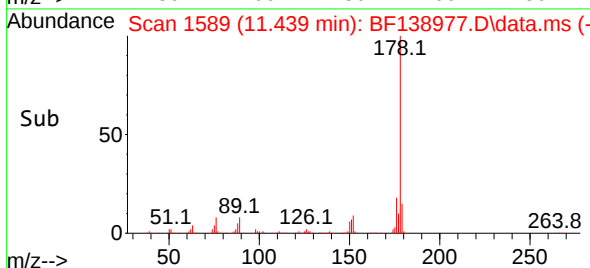
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

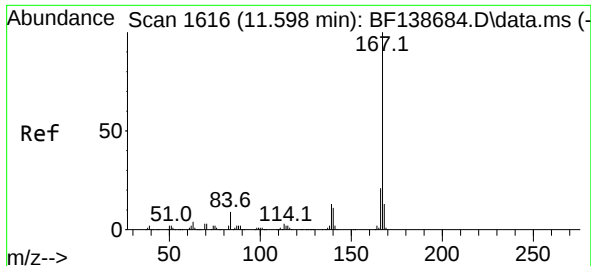


#72
Anthracene
Concen: 60.806 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20



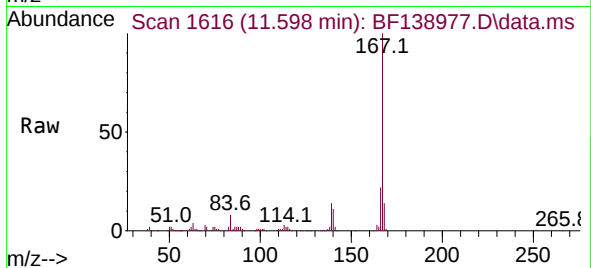
Tgt Ion:178 Resp: 393434
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.2 12.4 18.6





#73
 Carbazole
 Concen: 55.962 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF138977.D
 Acq: 13 Aug 2024 16:20

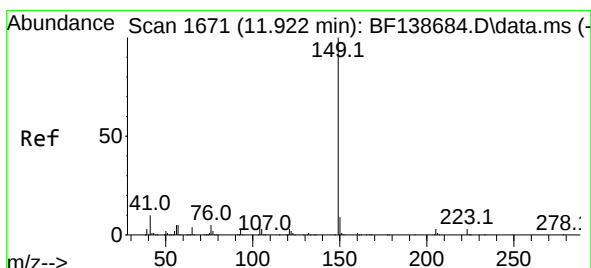
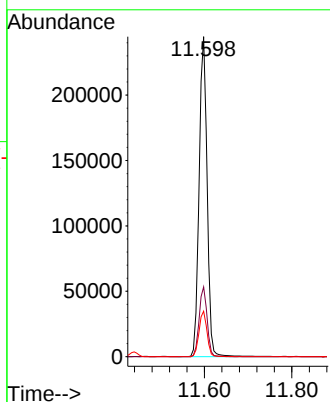
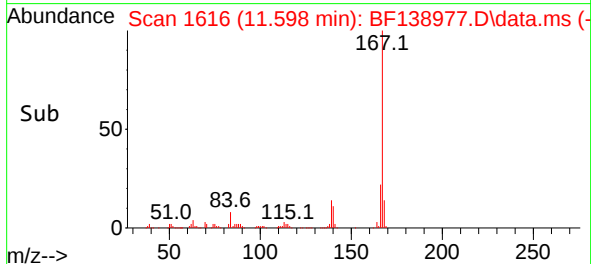
Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-01-080624MSD



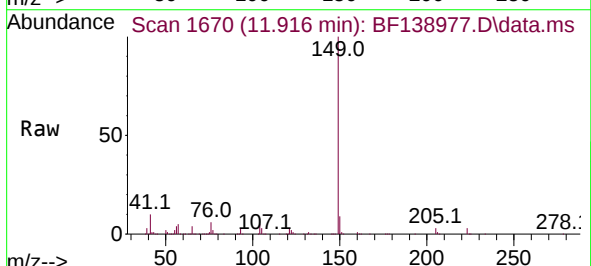
Tgt Ion:167 Resp: 31239
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 14.2 10.6 16.0

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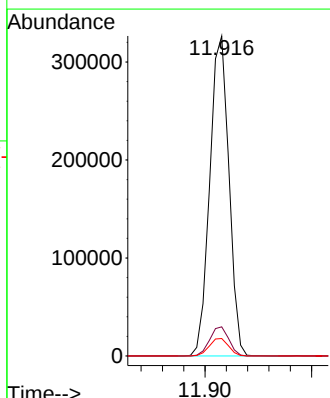
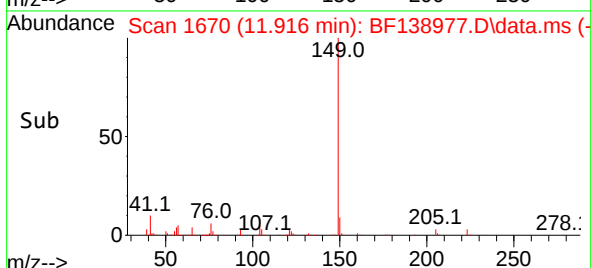
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

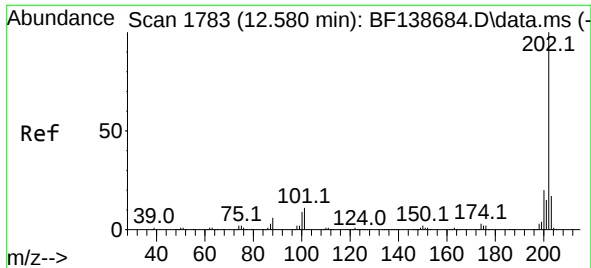


#74
 Di-n-butylphthalate
 Concen: 64.811 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138977.D
 Acq: 13 Aug 2024 16:20



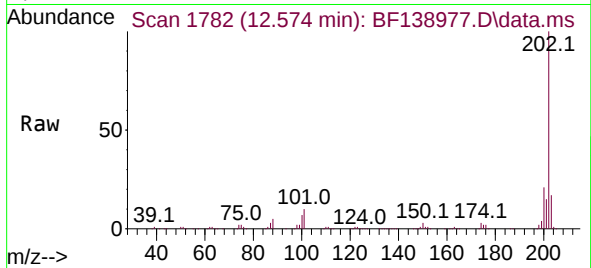
Tgt Ion:149 Resp: 406712
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.5 4.1 6.1





#75
Fluoranthene
Concen: 53.064 ng
RT: 12.574 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

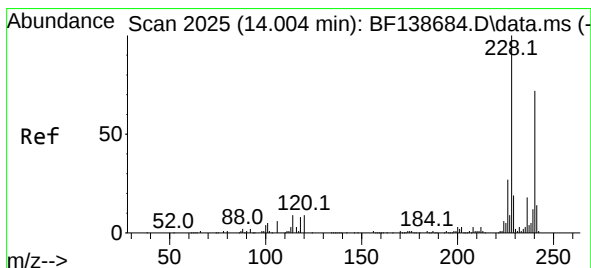
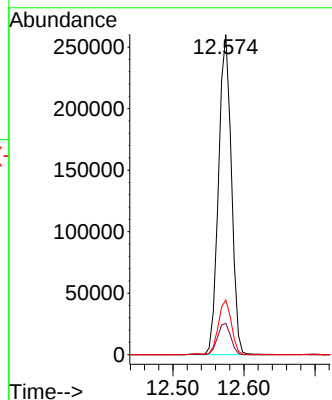
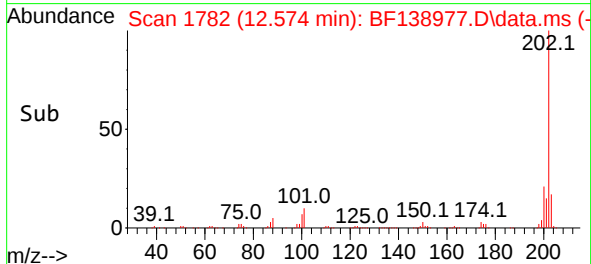
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



Tgt Ion:202 Resp: 32536
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.2
203 17.1 0.0 37.3

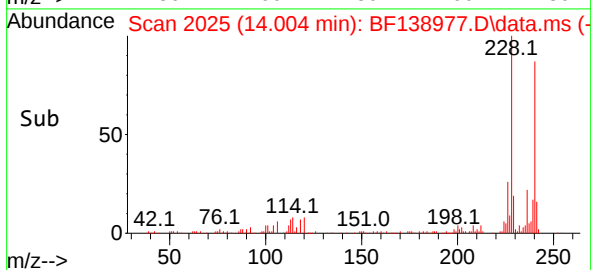
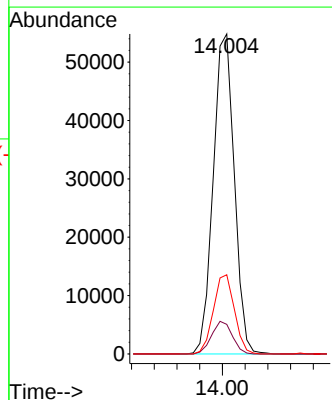
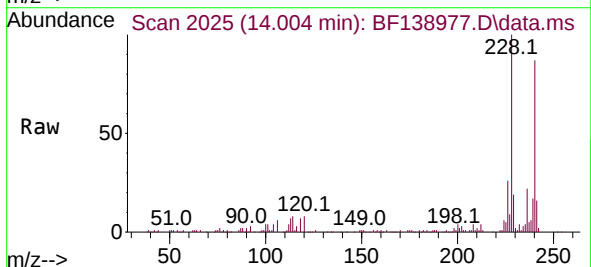
Manual Integrations
APPROVED

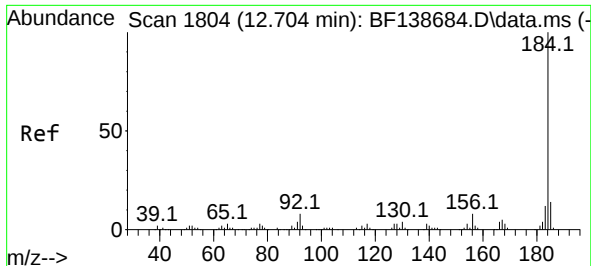
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

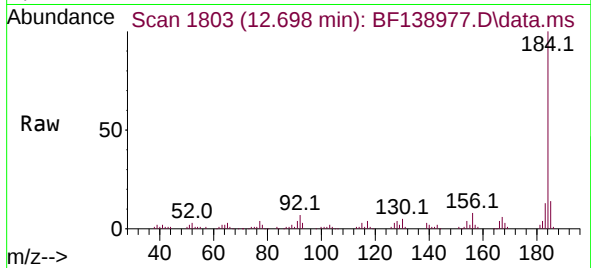
Tgt Ion:240 Resp: 70622
Ion Ratio Lower Upper
240 100
120 9.3 10.2 15.4#
236 24.8 19.8 29.8





#77
Benzidine
Concen: 44.370 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

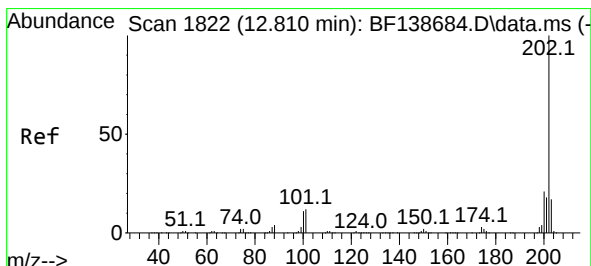
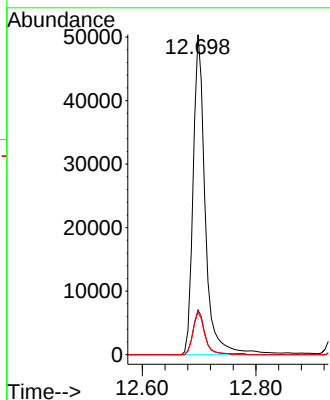
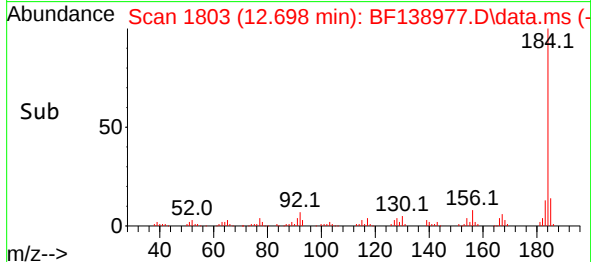
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



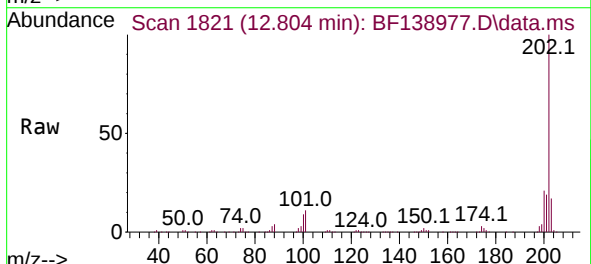
Tgt Ion:184 Resp: 74948
Ion Ratio Lower Upper
184 100
185 14.0 11.1 16.7
183 13.3 9.6 14.4

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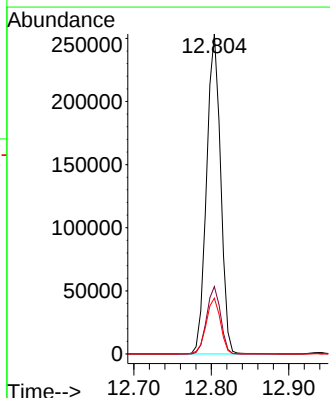
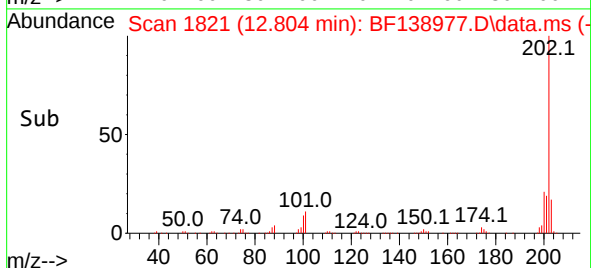
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#78
Pyrene
Concen: 47.916 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20



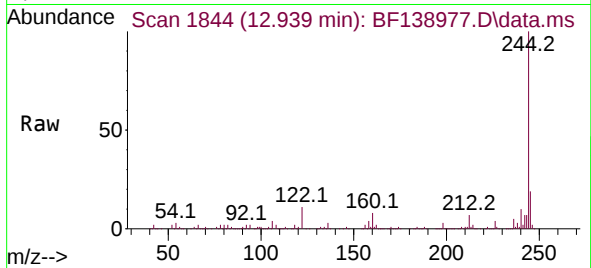
Tgt Ion:202 Resp: 318604
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.4 13.8 20.6





#79
 Terphenyl-d14
 Concen: 84.272 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138977.D
 Acq: 13 Aug 2024 16:20

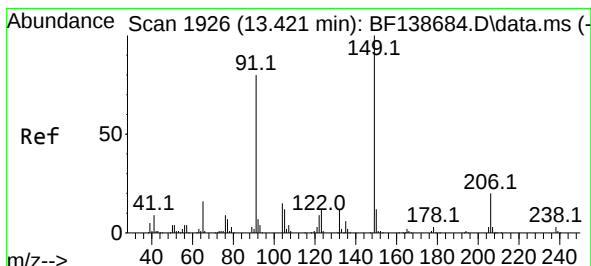
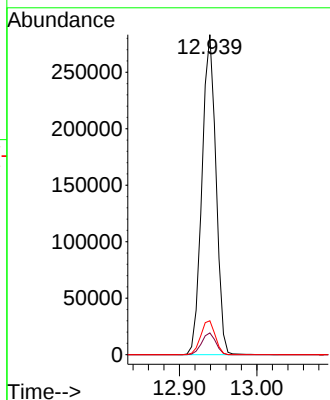
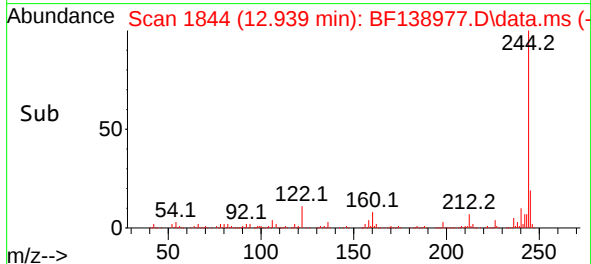
Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-01-080624MSD



Tgt Ion:244 Resp: 355460
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.6 9.6 14.4

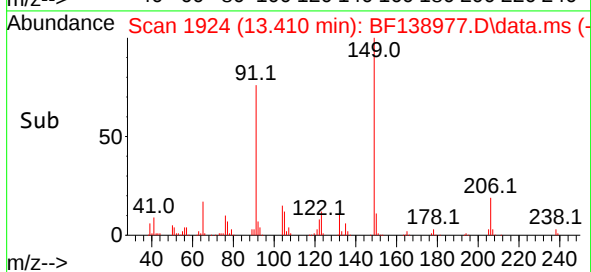
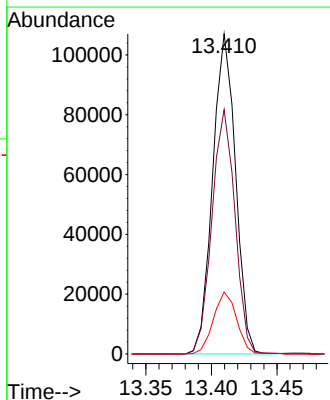
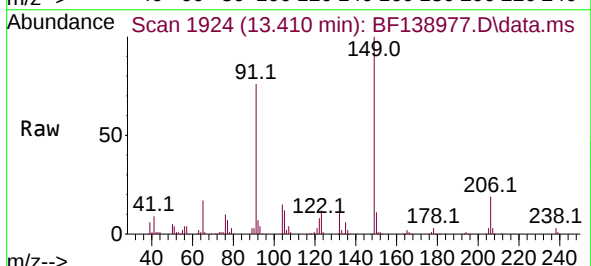
Manual Integrations
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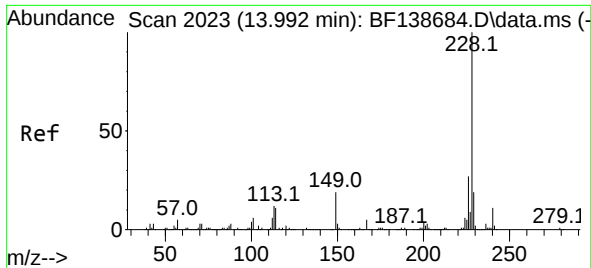
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#80
 Butylbenzylphthalate
 Concen: 60.944 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF138977.D
 Acq: 13 Aug 2024 16:20

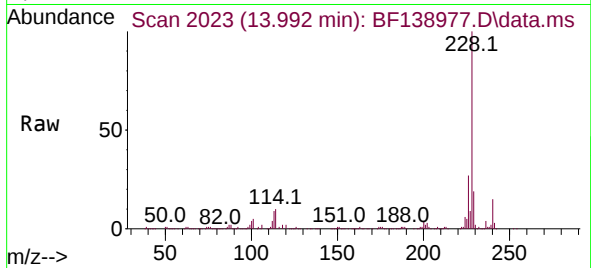
Tgt Ion:149 Resp: 129767
 Ion Ratio Lower Upper
 149 100
 91 76.4 63.7 95.5
 206 19.3 16.2 24.2





#81
Benzo(a)anthracene
Concen: 55.573 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

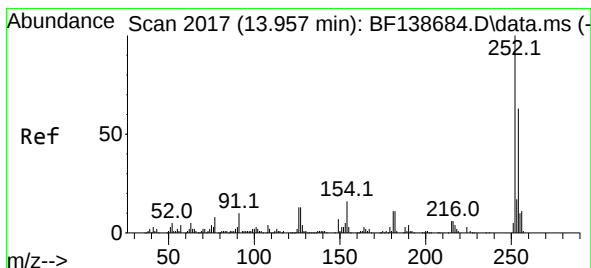
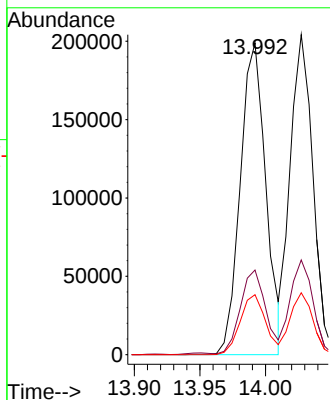
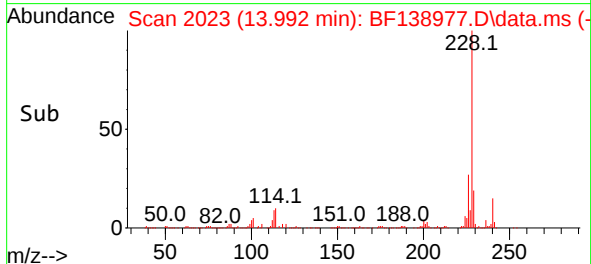
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



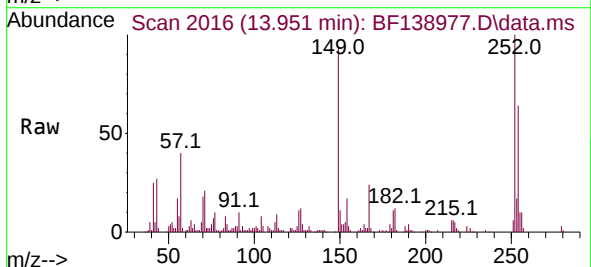
Tgt Ion:228 Resp: 270259
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 19.3 15.4 23.0

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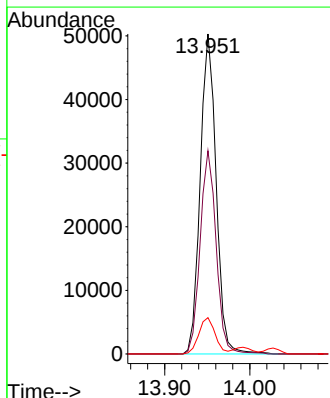
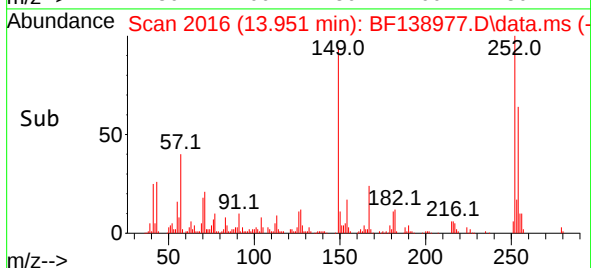
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

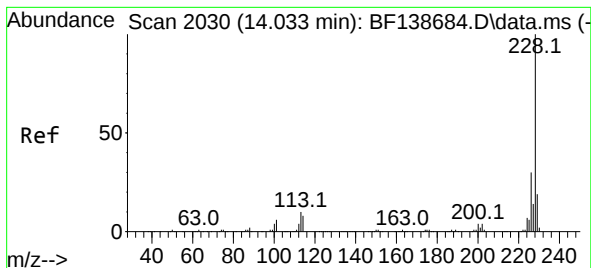


#82
3,3'-Dichlorobenzidine
Concen: 52.447 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20



Tgt Ion:252 Resp: 65271
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 11.4 10.2 15.2





#83

Chrysene

Concen: 56.336 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138977.D

Acq: 13 Aug 2024 16:20

Instrument :

BNA_F

ClientSampleId :

OU4-CF-01-080624MSD

Tgt Ion:228 Resp: 24717

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

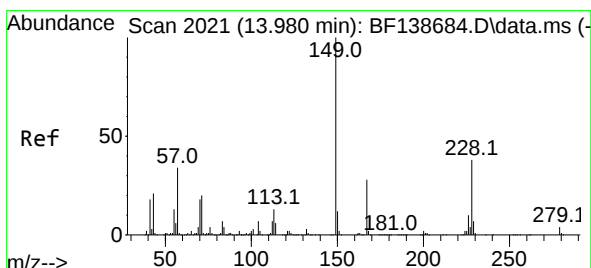
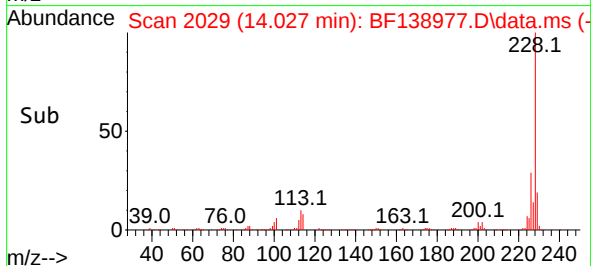
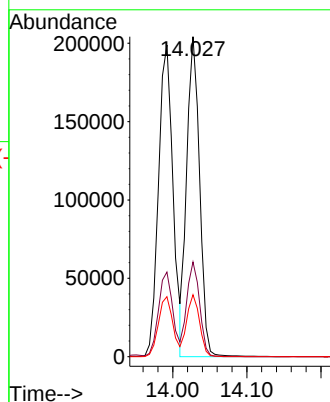
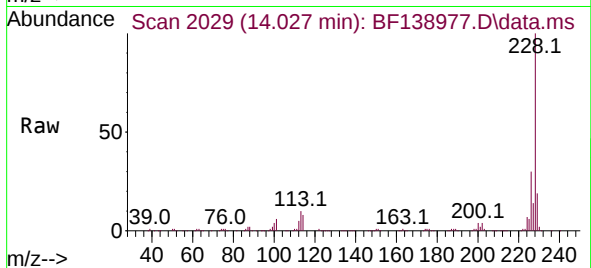
229 19.4 15.0 22.6

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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.435 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138977.D

Acq: 13 Aug 2024 16:20

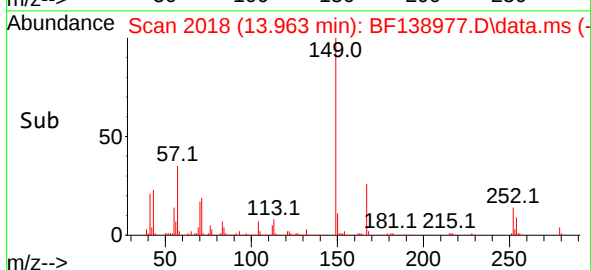
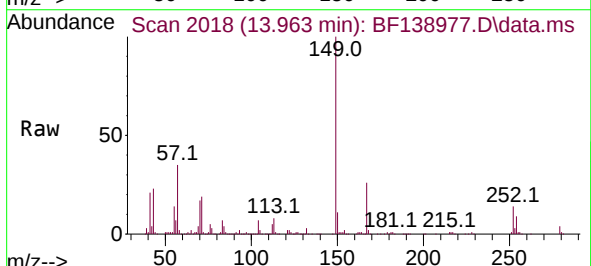
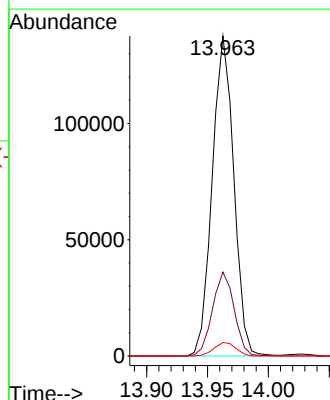
Tgt Ion:149 Resp: 169727

Ion Ratio Lower Upper

149 100

167 26.2 22.2 33.4

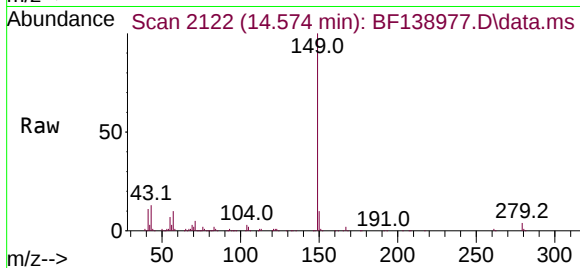
279 4.2 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 51.424 ng
RT: 14.574 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

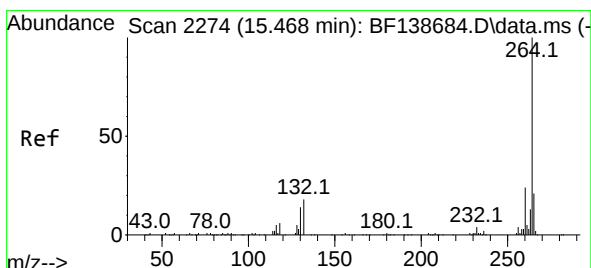
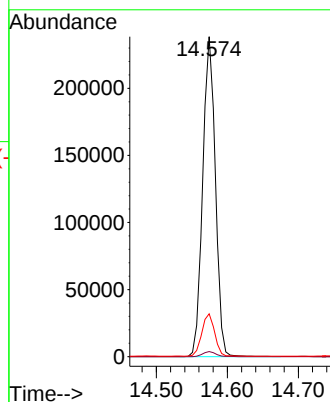
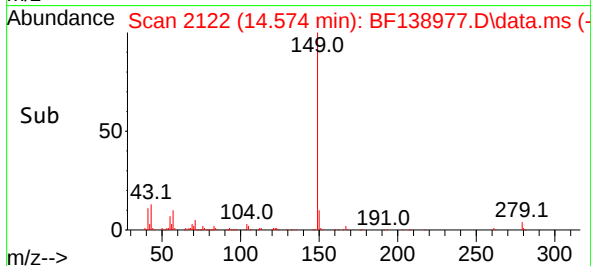
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



Tgt Ion:149 Resp: 296658
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 13.4 10.4 15.6

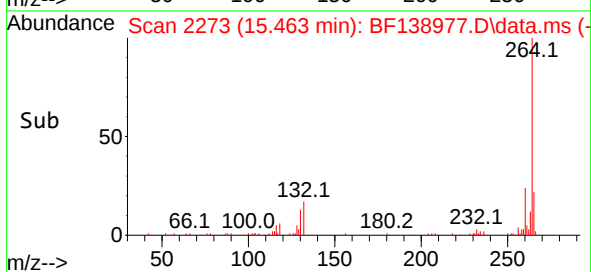
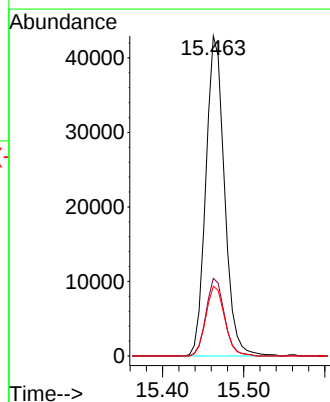
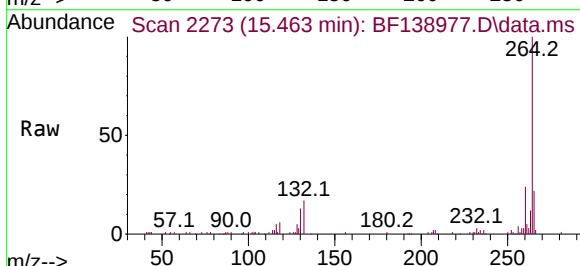
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Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

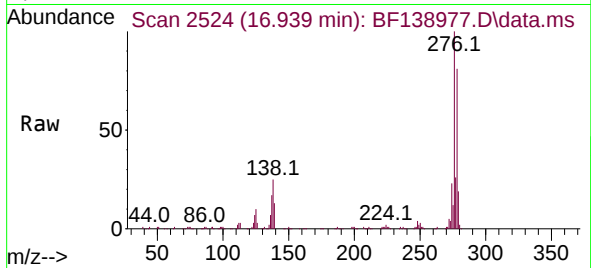
Tgt Ion:264 Resp: 68420
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 21.8 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.316 ng
RT: 16.939 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

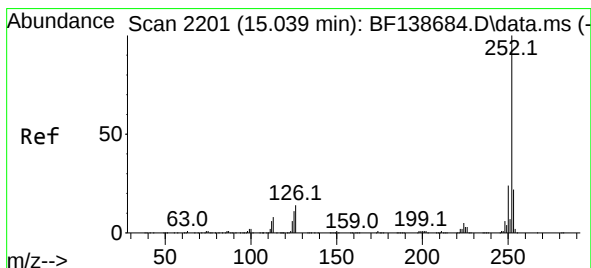
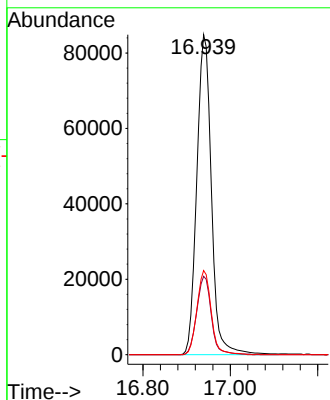
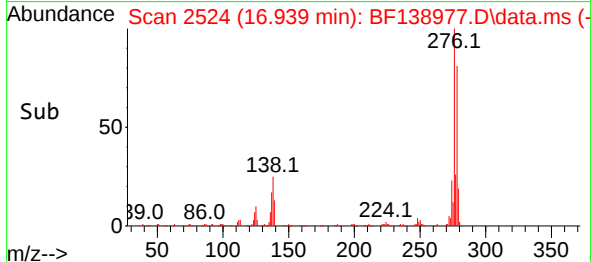
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



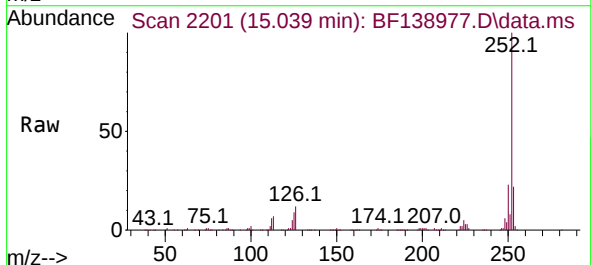
Tgt Ion: 276 Resp: 197678
Ion Ratio Lower Upper
276 100
138 24.2 21.8 32.8
277 25.5 20.6 30.8

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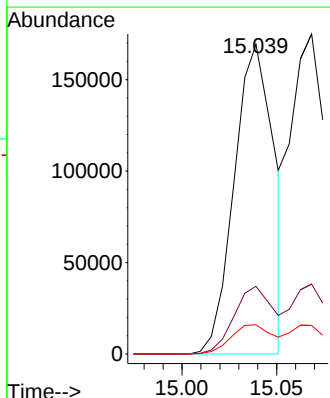
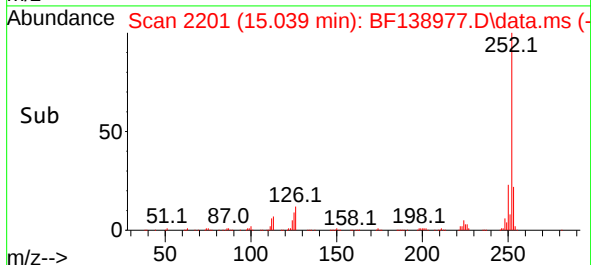
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

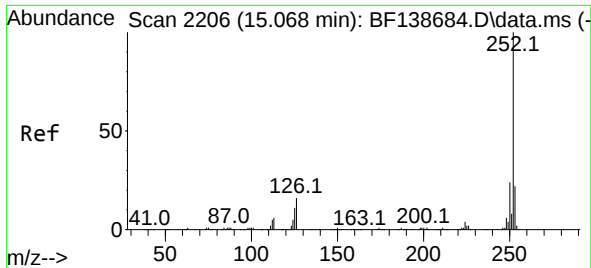


#88
Benzo(b)fluoranthene
Concen: 57.904 ng
RT: 15.039 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20



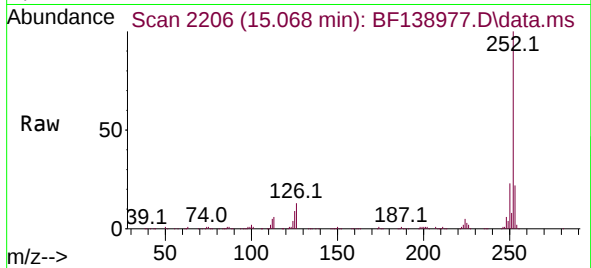
Tgt Ion: 252 Resp: 245592
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.4 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 64.656 ng
RT: 15.068 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

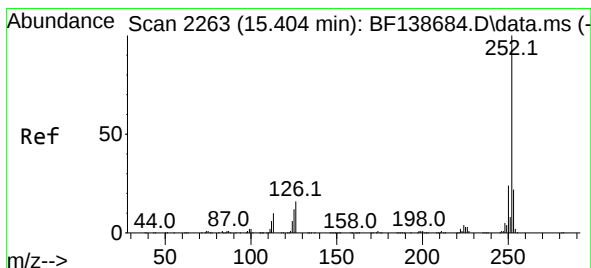
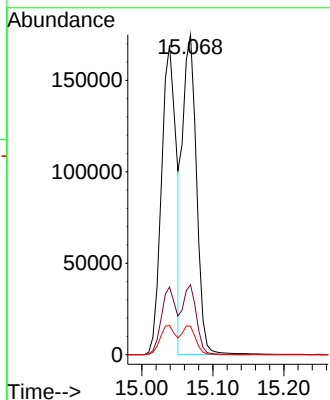
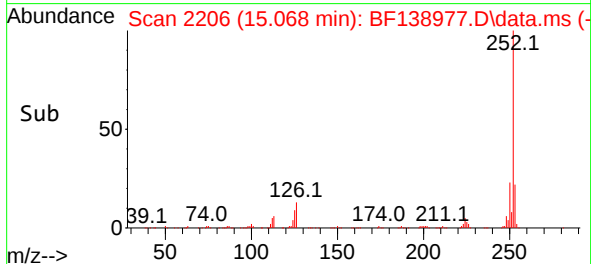
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



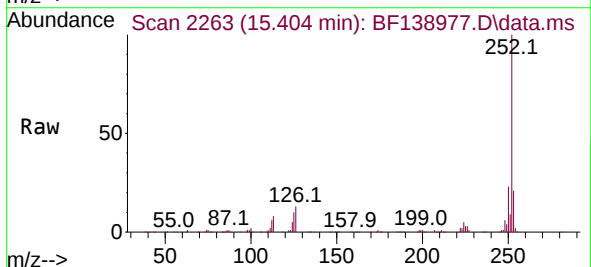
Tgt Ion:252 Resp: 23743
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.9 8.6 13.0

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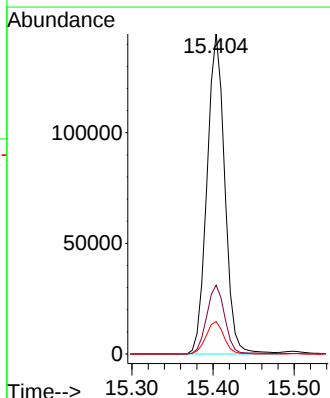
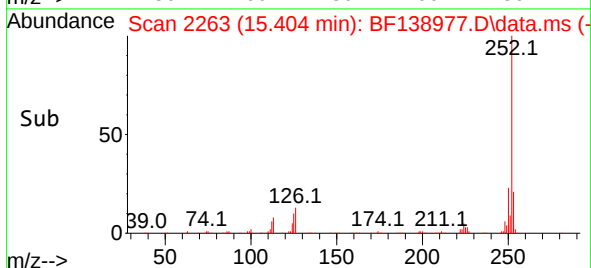
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#90
Benzo(a)pyrene
Concen: 61.494 ng
RT: 15.404 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20



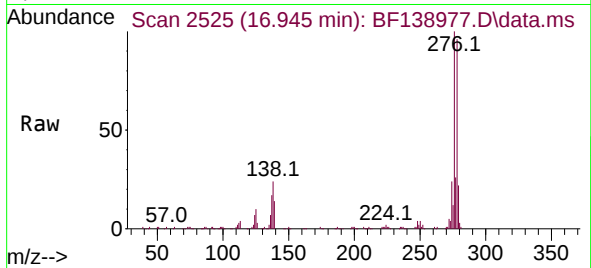
Tgt Ion:252 Resp: 219386
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 10.1 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 40.097 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

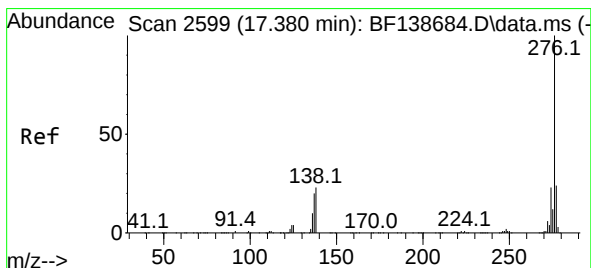
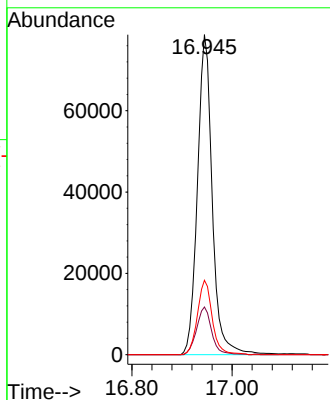
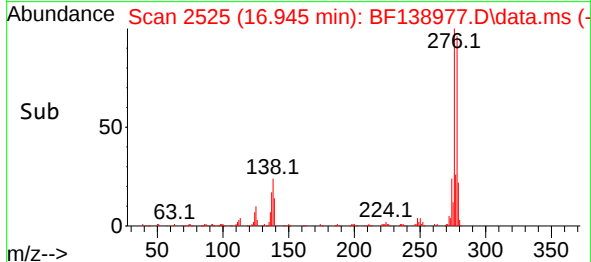
Instrument :
BNA_F
ClientSampleId :
OU4-CF-01-080624MSD



Tgt Ion:278 Resp: 16138
Ion Ratio Lower Upper
278 100
139 14.9 14.0 21.0
279 23.2 19.0 28.4

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



#92
Benzo(g,h,i)perylene
Concen: 33.846 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138977.D
Acq: 13 Aug 2024 16:20

Tgt Ion:276 Resp: 141364
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 20.3 18.5 27.7

