

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139075.D
 Acq On : 19 Aug 2024 15:47
 Operator : RC/JU
 Sample : PB162688BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162688BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 19 16:52:56 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	6.834	152	53216	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	219351	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	122326	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	202208	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	98718	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	90220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	450955	130.810	ng	0.01
7) Phenol-d6	6.492	99	594454	128.433	ng	0.00
23) Nitrobenzene-d5	7.410	82	393098	87.618	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	130927	130.664	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	714318	87.738	ng	-0.01
79) Terphenyl-d14	12.939	244	623143	105.686	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	45556	30.184	ng	# 94
3) Pyridine	3.446	79	114765	31.389	ng	95
4) n-Nitrosodimethylamine	3.416	42	117445	53.935	ng	82
6) Aniline	6.504	93	128338	31.091	ng	# 1
8) 2-Chlorophenol	6.628	128	175036	48.258	ng	100
9) Benzaldehyde	6.393	77	51275	18.480	ng	98
10) Phenol	6.504	94	225887	46.352	ng	83
11) bis(2-Chloroethyl)ether	6.575	93	165401	44.105	ng	98
12) 1,3-Dichlorobenzene	6.775	146	179220	44.142	ng	97
13) 1,4-Dichlorobenzene	6.851	146	182869	44.631	ng	98
14) 1,2-Dichlorobenzene	7.004	146	175205	45.754	ng	99
15) Benzyl Alcohol	6.992	79	164617	49.346	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	293921	45.542	ng	53
17) 2-Methylphenol	7.104	107	139300	46.510	ng	# 83
18) Hexachloroethane	7.339	117	70832	45.925	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	139791	50.005	ng	96
20) 3+4-Methylphenols	7.263	107	187490	48.791	ng	# 73
22) Acetophenone	7.251	105	240406	44.762	ng	98
24) Nitrobenzene	7.428	77	204964	44.896	ng	100
25) Isophorone	7.663	82	358647	46.815	ng	98
26) 2-Nitrophenol	7.739	139	91978	46.828	ng	88
27) 2,4-Dimethylphenol	7.781	122	116651	49.638	ng	95
28) bis(2-Chloroethoxy)met...	7.869	93	208302	44.650	ng	98
29) 2,4-Dichlorophenol	7.992	162	143895	47.651	ng	100
30) 1,2,4-Trichlorobenzene	8.057	180	155740	44.690	ng	96
31) Naphthalene	8.139	128	515886	44.681	ng	99
32) Benzoic acid	7.951	122	61645m	33.370	ng	
33) 4-Chloroaniline	8.198	127	88778	22.906	ng	97
34) Hexachlorobutadiene	8.245	225	95770	45.372	ng	100
35) Caprolactam	8.586	113	46370m	51.462	ng	
36) 4-Chloro-3-methylphenol	8.692	107	165335	47.907	ng	99
37) 2-Methylnaphthalene	8.828	142	339631	46.577	ng	100
38) 1-Methylnaphthalene	8.928	142	316050	44.231	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	144648	42.568	ng	98
41) Hexachlorocyclopentadiene	8.975	237	75743	83.846	ng	100
43) 2,4,6-Trichlorophenol	9.116	196	91011	43.928	ng	99

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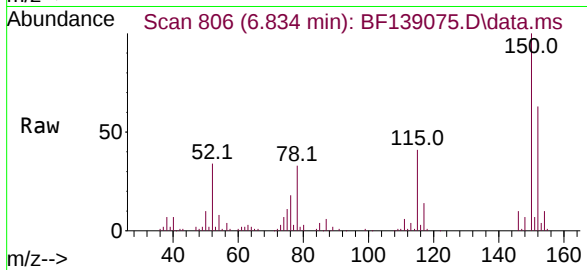
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	97838	43.196	ng	97
46) 1,1'-Biphenyl	9.292	154	407420	42.526	ng	99
47) 2-Chloronaphthalene	9.322	162	315823	44.324	ng	99
48) 2-Nitroaniline	9.428	65	117954	48.831	ng	94
49) Acenaphthylene	9.733	152	491050	48.591	ng	100
50) Dimethylphthalate	9.598	163	384129	49.111	ng	100
51) 2,6-Dinitrotoluene	9.669	165	81204	46.002	ng	# 85
52) Acenaphthene	9.904	154	304580	44.836	ng	100
53) 3-Nitroaniline	9.839	138	58010	31.789	ng	94
54) 2,4-Dinitrophenol	9.963	184	65761	80.928	ng	89
55) Dibenzofuran	10.080	168	444981	46.404	ng	98
56) 4-Nitrophenol	10.028	139	67847	61.827	ng	85
57) 2,4-Dinitrotoluene	10.080	165	108971	48.386	ng	# 79
58) Fluorene	10.422	166	360800	47.248	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	85275m	49.246	ng	
60) Diethylphthalate	10.292	149	378354	51.016	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	181204	48.248	ng	97
62) 4-Nitroaniline	10.463	138	71712m	41.353	ng	
63) Azobenzene	10.569	77	397392	48.313	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	57216	46.380	ng	93
66) n-Nitrosodiphenylamine	10.533	169	302611	47.877	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	101235	46.241	ng	96
68) Hexachlorobenzene	10.969	284	104156	46.078	ng	97
69) Atrazine	11.063	200	84158	51.608	ng	99
70) Pentachlorophenol	11.175	266	60385	59.266	ng	98
71) Phenanthrene	11.386	178	497211	47.753	ng	100
72) Anthracene	11.439	178	501270	48.869	ng	99
73) Carbazole	11.598	167	404701	45.731	ng	98
74) Di-n-butylphthalate	11.910	149	562994	56.592	ng	99
75) Fluoranthene	12.574	202	447619	46.050	ng	98
77) Benzidine	12.698	184	23862	10.106	ng	98
78) Pyrene	12.804	202	437225	47.041	ng	100
80) Butylbenzylphthalate	13.410	149	163104	54.799	ng	99
81) Benzo(a)anthracene	13.992	228	321387	47.277	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	69191	39.774	ng	99
83) Chrysene	14.027	228	288273	47.003	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	208625	47.867	ng	98
85) Di-n-octyl phthalate	14.574	149	338313	41.955	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	299343	46.299	ng	96
88) Benzo(b)fluoranthene	15.039	252	312486	55.873	ng	98
89) Benzo(k)fluoranthene	15.068	252	247875	51.190	ng	99
90) Benzo(a)pyrene	15.410	252	262237	55.744	ng	98
91) Dibenzo(a,h)anthracene	16.957	278	243892	45.954	ng	98
92) Benzo(g,h,i)perylene	17.392	276	220624	40.059	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

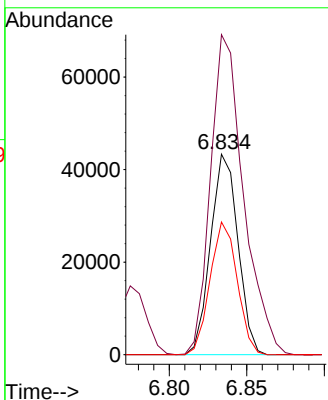
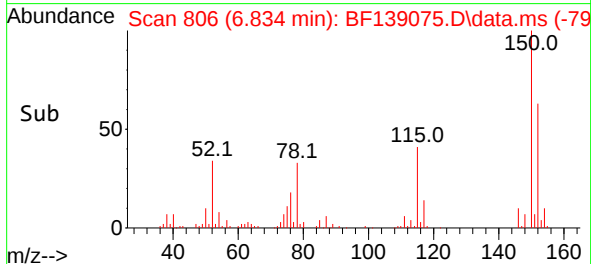
Instrument :
BNA_F
ClientSampleId :
PB162688BS



Tgt Ion:152 Resp: 53210
Ion Ratio Lower Upper
152 100
150 159.6 126.0 189.0
115 66.1 51.7 77.5

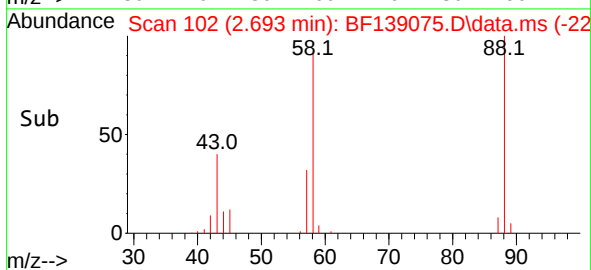
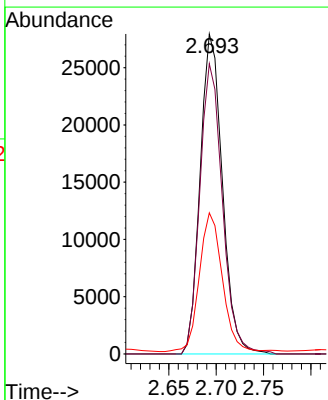
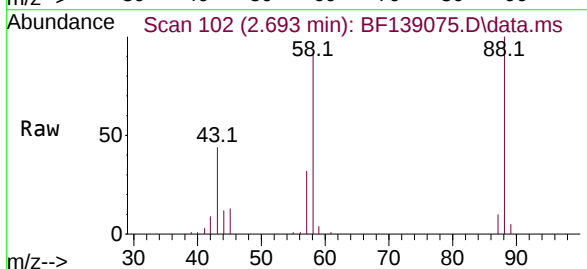
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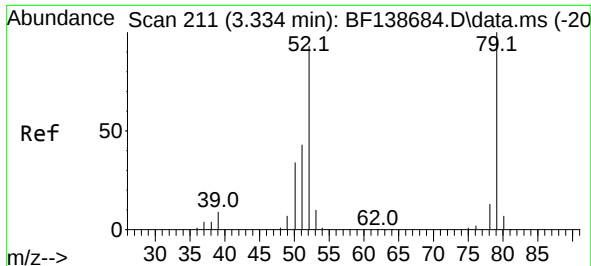
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#2
1,4-Dioxane
Concen: 30.184 ng
RT: 2.693 min Scan# 102
Delta R.T. 0.118 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion: 88 Resp: 45556
Ion Ratio Lower Upper
88 100
58 92.3 71.6 107.4
43 44.4 28.7 43.1#





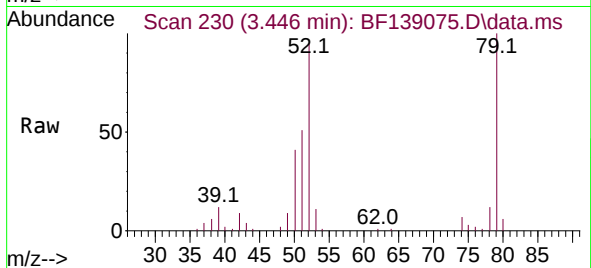
#3
Pyridine
Concen: 31.389 ng
RT: 3.446 min Scan# 211
Delta R.T. 0.112 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

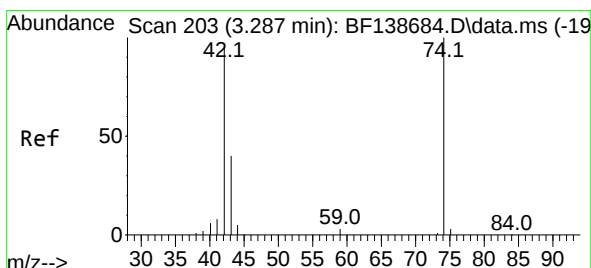
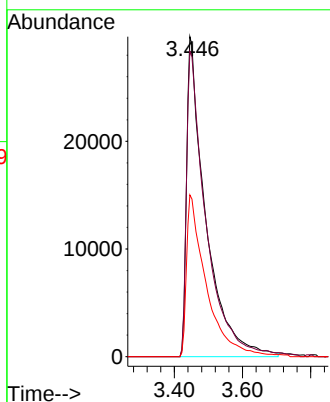
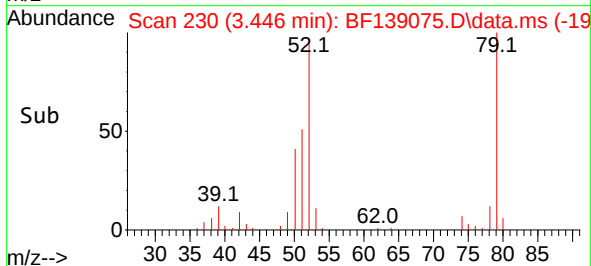


Tgt Ion: 79 Resp: 11476
Ion Ratio Lower Upper
79 100
52 95.4 74.7 112.1
51 50.6 34.6 51.8

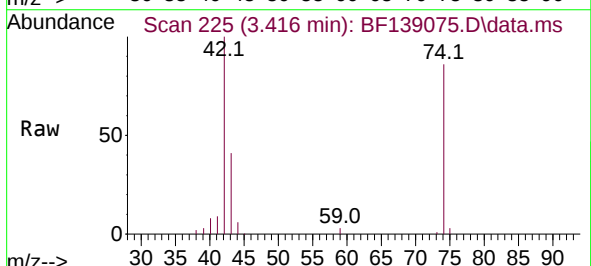
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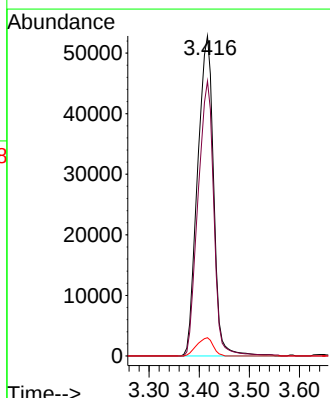
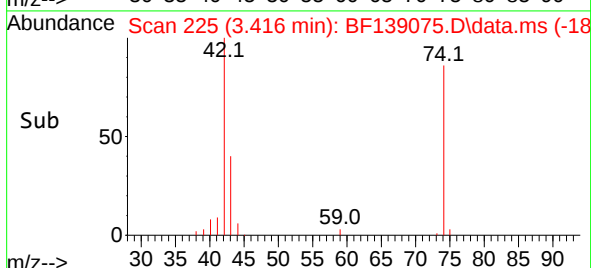
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Supervised By :mohammad ahmed 08/21/2024



#4
n-Nitrosodimethylamine
Concen: 53.935 ng
RT: 3.416 min Scan# 225
Delta R.T. 0.129 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47



Tgt Ion: 42 Resp: 117445
Ion Ratio Lower Upper
42 100
74 85.9 84.2 126.4
44 5.7 4.9 7.3





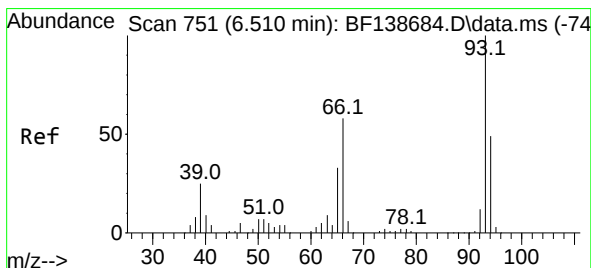
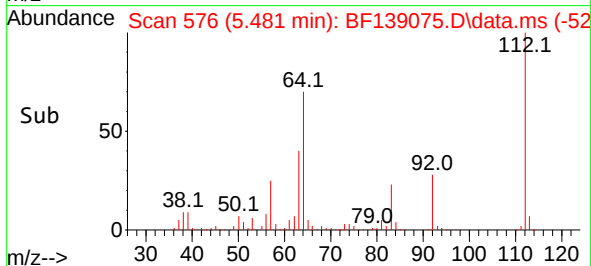
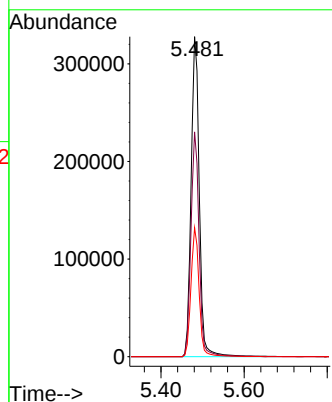
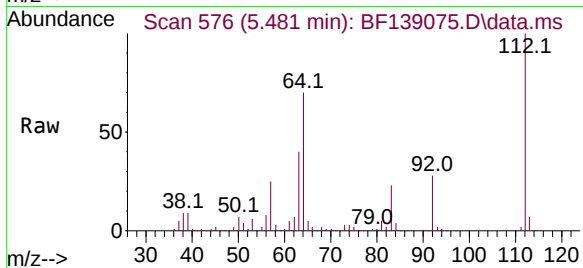
#5
2-Fluorophenol
Concen: 130.810 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :
BNA_F
ClientSampleId :
PB162688BS

Tgt Ion:112 Resp: 45095
Ion Ratio Lower Upper
112 100
64 70.3 54.2 81.4
63 40.3 28.7 43.1

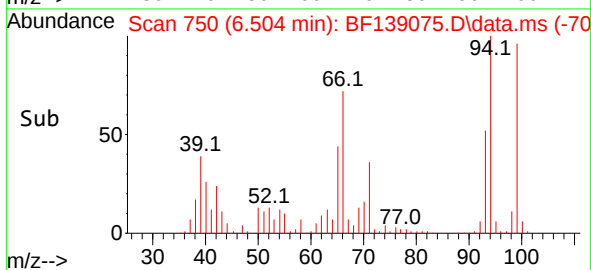
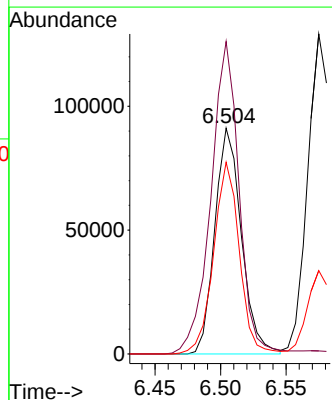
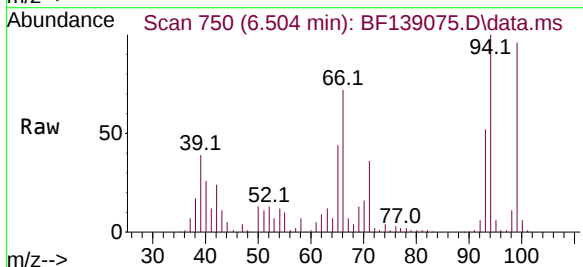
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#6
Aniline
Concen: 31.091 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion: 93 Resp: 128338
Ion Ratio Lower Upper
93 100
66 138.4 46.9 70.3#
65 84.9 26.5 39.7#





#7

Phenol-d6

Concen: 128.433 ng

RT: 6.492 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

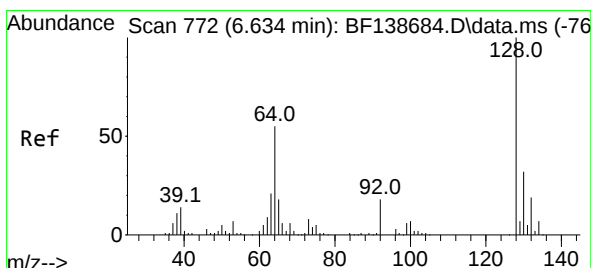
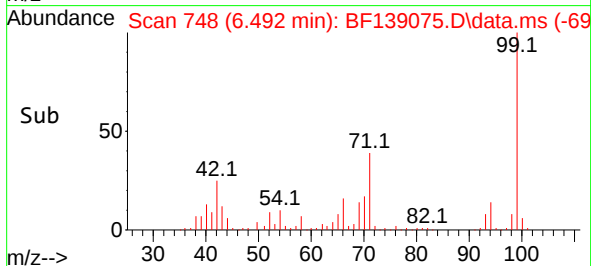
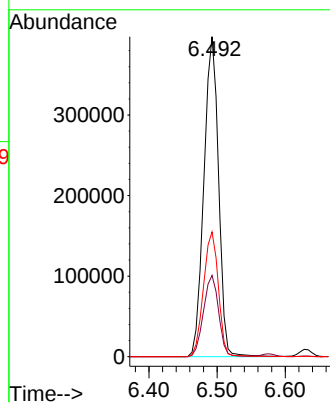
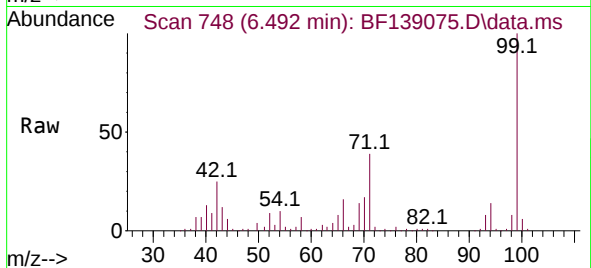
Tgt Ion: 99 Resp: 594454

Ion	Ratio	Lower	Upper
99	100		
42	25.4	17.4	26.0
71	39.0	28.1	42.1

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#8

2-Chlorophenol

Concen: 48.258 ng

RT: 6.628 min Scan# 771

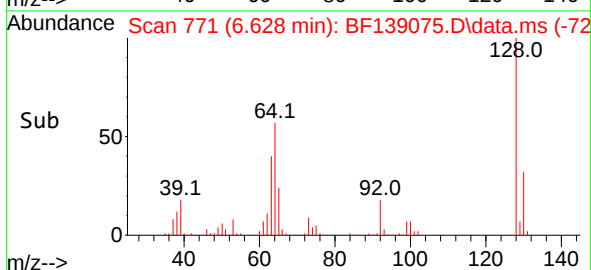
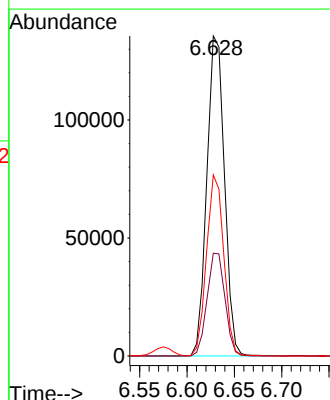
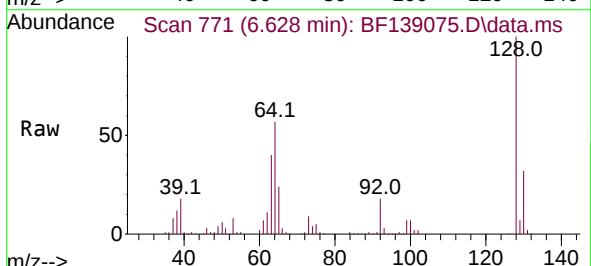
Delta R.T. -0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Tgt Ion:128 Resp: 175036

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.0	52.0
64	56.6	36.3	76.3





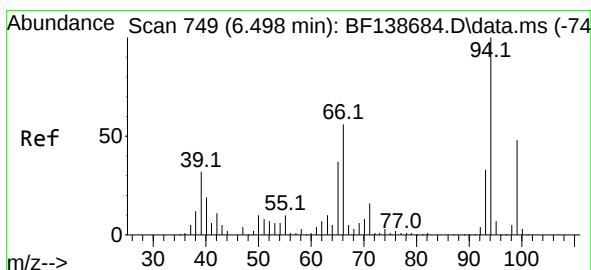
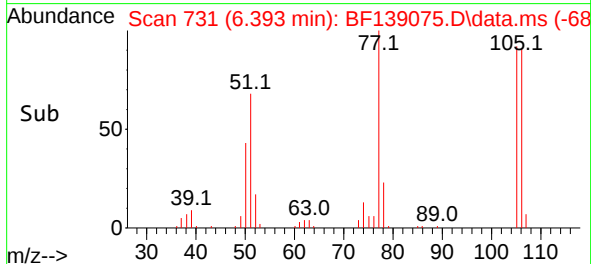
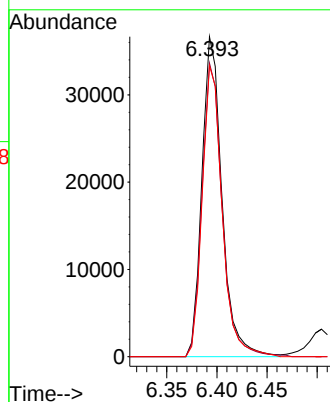
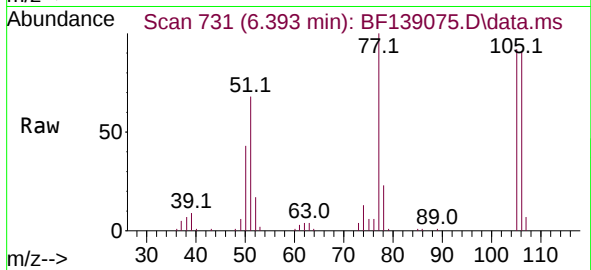
#9
Benzaldehyde
Concen: 18.480 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :
BNA_F
ClientSampleId :
PB162688BS

Tgt Ion: 77 Resp: 5127
Ion Ratio Lower Upper
77 100
105 91.7 72.9 112.9
106 90.9 68.4 108.4

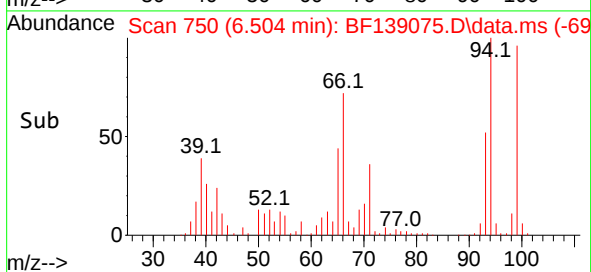
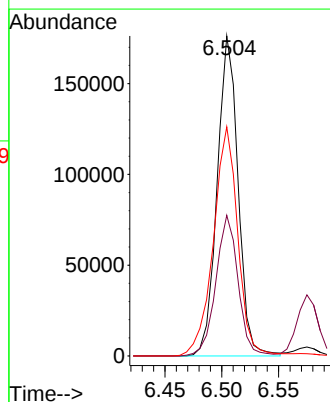
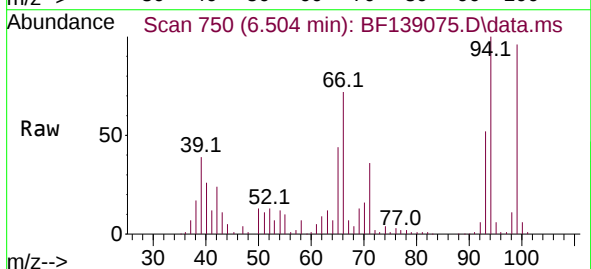
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Supervised By :mohammad ahmed 08/21/2024



#10
Phenol
Concen: 46.352 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion: 94 Resp: 225887
Ion Ratio Lower Upper
94 100
65 43.9 16.9 56.9
66 71.6 36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 44.105 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

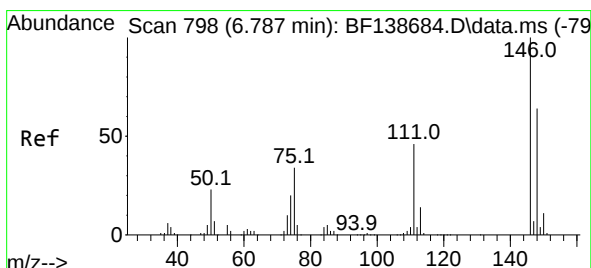
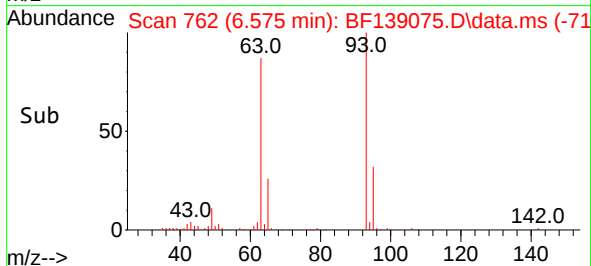
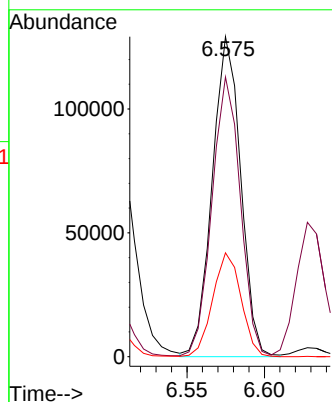
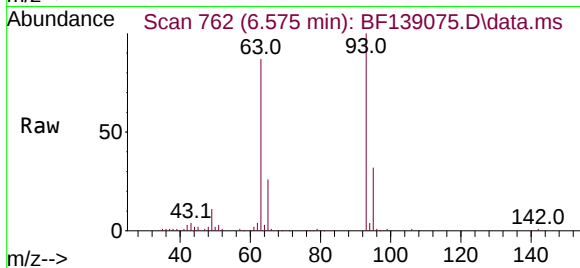
ClientSampleId :

PB162688BS

Tgt Ion: 93 Resp: 16540
Ion Ratio Lower Upper
93 100
63 87.4 65.3 105.3
95 32.5 12.4 52.4

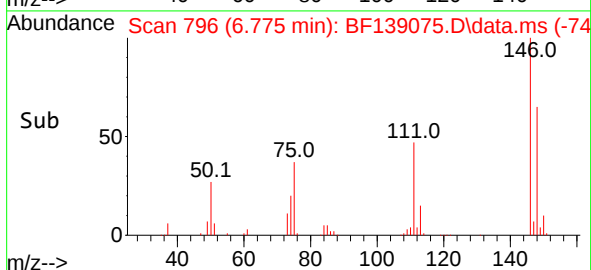
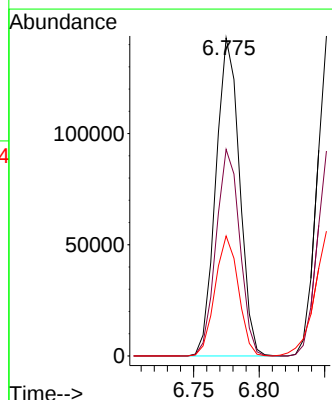
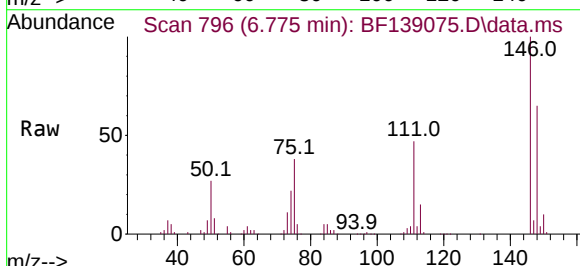
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#12
1,3-Dichlorobenzene
Concen: 44.142 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:146 Resp: 179220
Ion Ratio Lower Upper
146 100
148 64.9 51.2 76.8
75 37.8 27.4 41.2





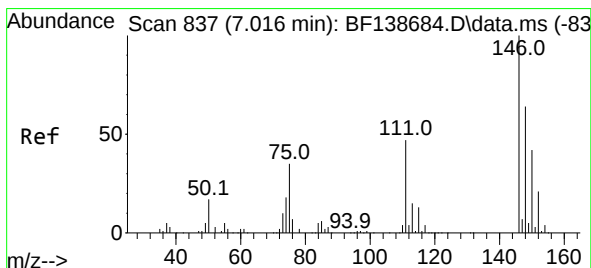
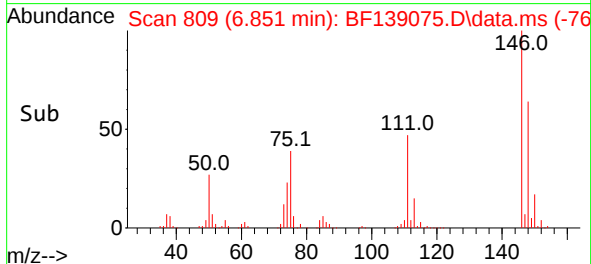
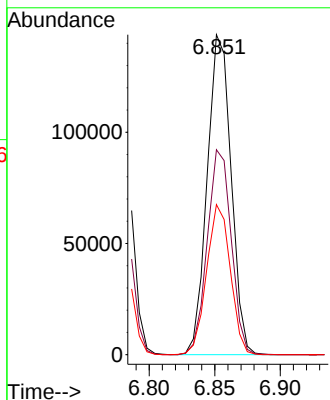
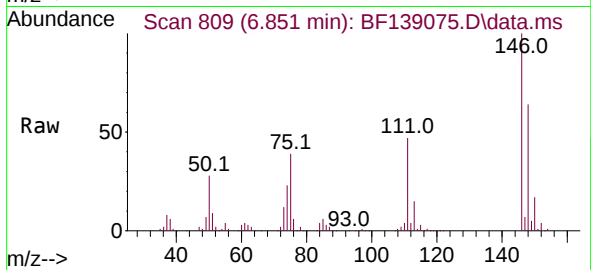
#13
1,4-Dichlorobenzene
Concen: 44.631 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :
BNA_F
ClientSampleId :
PB162688BS

Tgt Ion:146 Resp: 182869
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.2
111 46.9 35.9 53.9

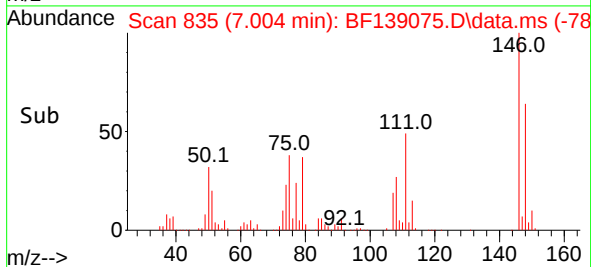
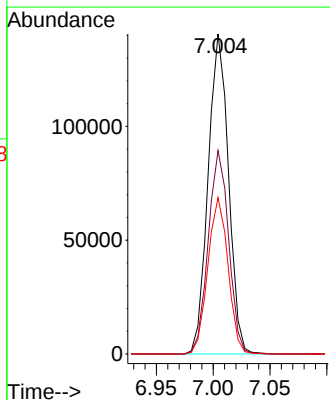
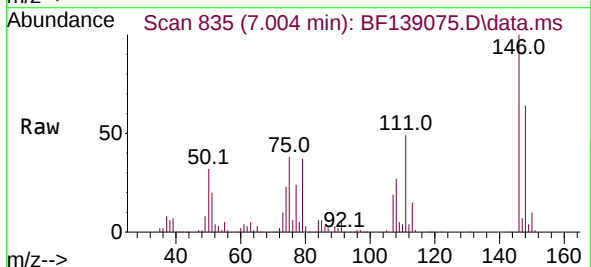
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#14
1,2-Dichlorobenzene
Concen: 45.754 ng
RT: 7.004 min Scan# 835
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:146 Resp: 175205
Ion Ratio Lower Upper
146 100
148 63.5 50.8 76.2
111 48.8 37.4 56.2





#15
Benzyl Alcohol
Concen: 49.346 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

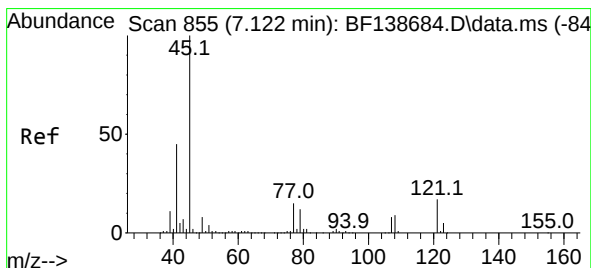
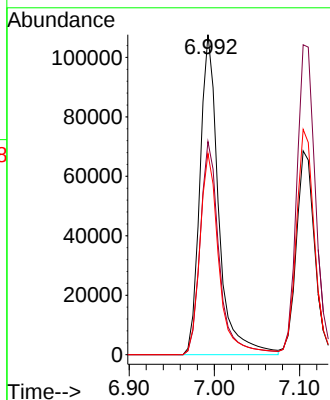
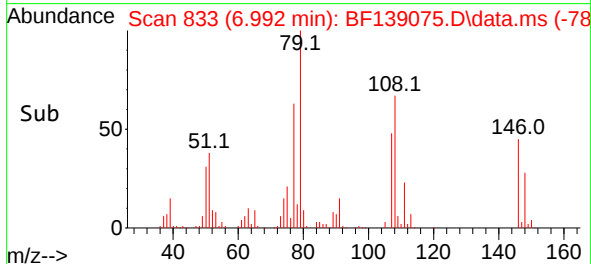
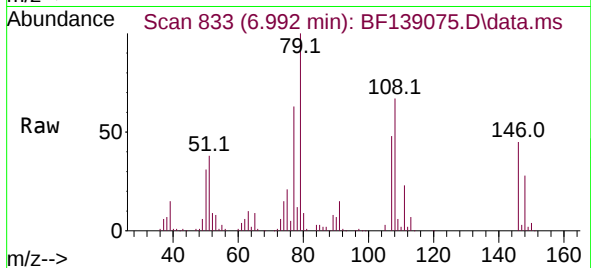
ClientSampleId :

PB162688BS

Tgt Ion: 79 Resp: 16461
Ion Ratio Lower Upper
79 100
108 66.6 56.6 85.0
77 62.9 50.3 75.5

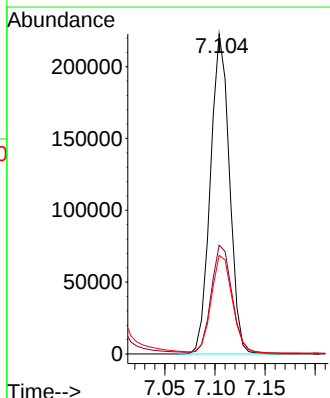
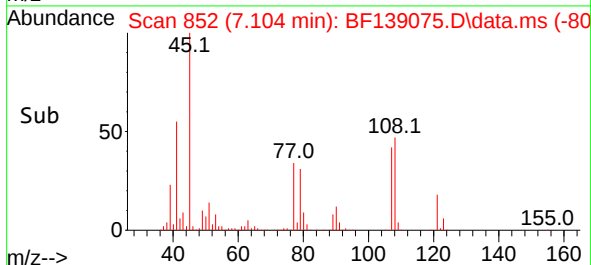
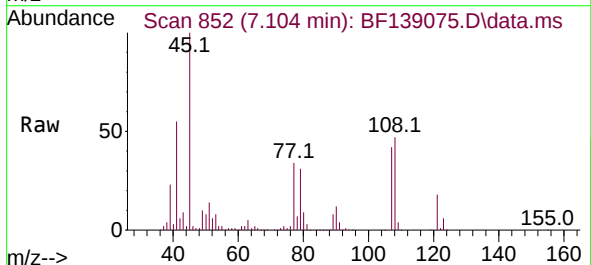
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.542 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion: 45 Resp: 293921
Ion Ratio Lower Upper
45 100
77 34.0 0.0 34.9
79 30.8 0.0 32.2





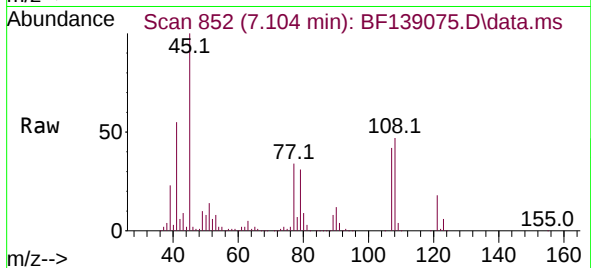
#17
2-Methylphenol
Concen: 46.510 ng
RT: 7.104 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

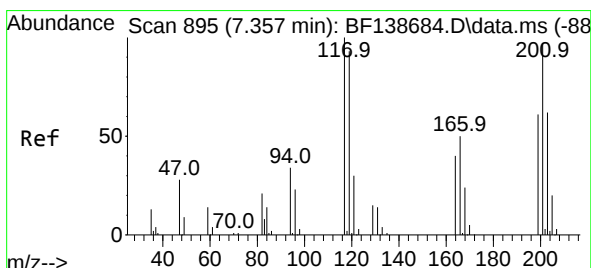
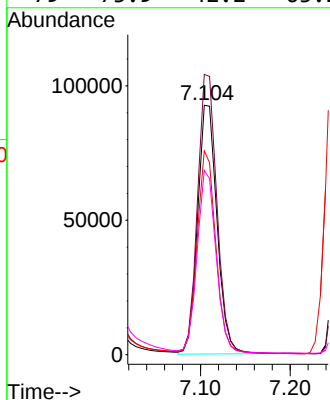
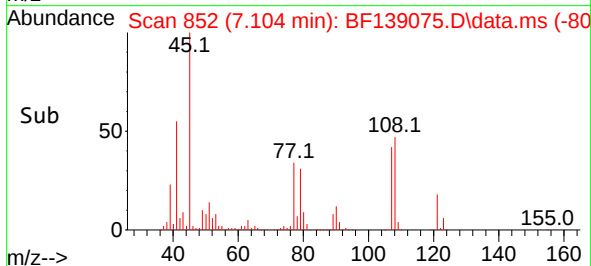


Tgt Ion:107 Resp: 139300
Ion Ratio Lower Upper
107 100
108 112.4 89.2 133.8
77 81.7 43.0 64.4
79 73.9 42.2 63.2

Manual Integrations

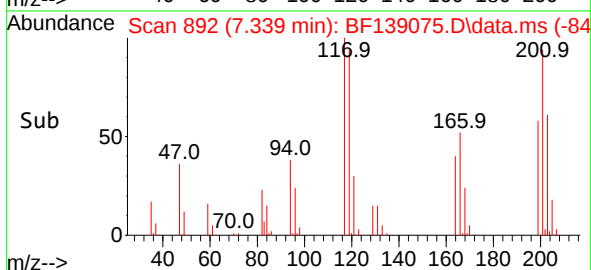
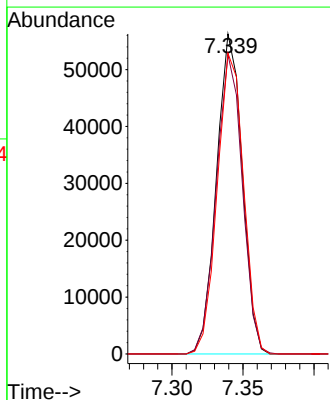
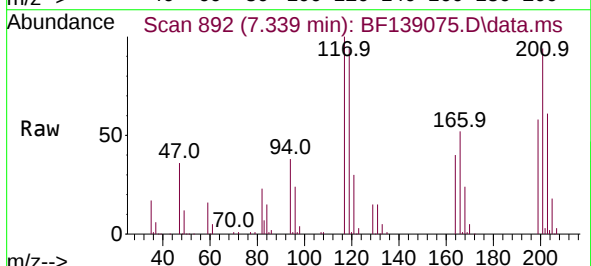
APPROVED

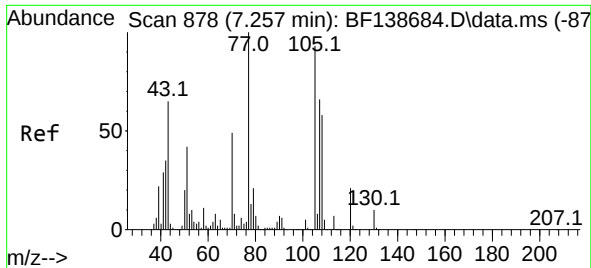
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#18
Hexachloroethane
Concen: 45.925 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:117 Resp: 70832
Ion Ratio Lower Upper
117 100
119 93.6 74.6 111.8
201 94.0 77.2 115.8





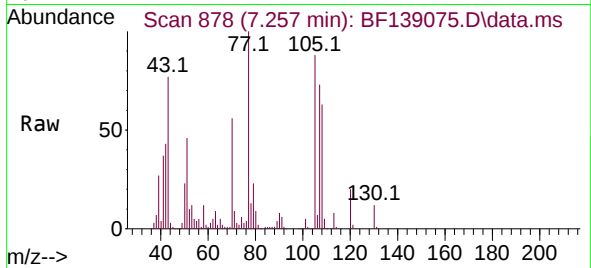
#19
n-Nitroso-di-n-propylamine
Concen: 50.005 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

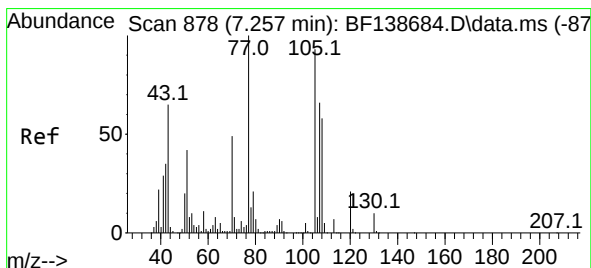
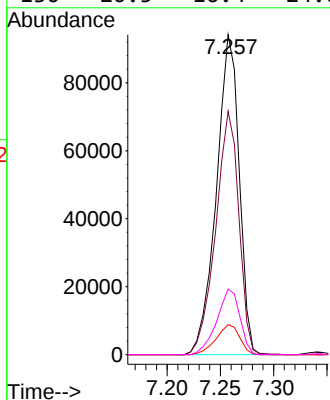
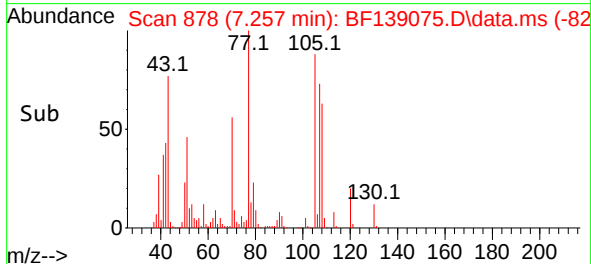


Tgt Ion: 70 Resp: 13979
Ion Ratio Lower Upper
70 100
42 76.1 57.4 86.0
101 9.4 7.5 11.3
130 20.5 16.4 24.6

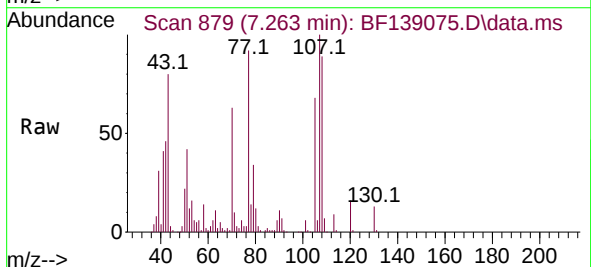
Manual Integrations

APPROVED

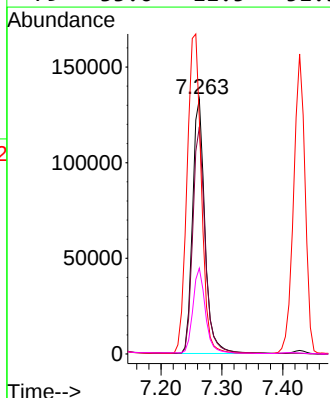
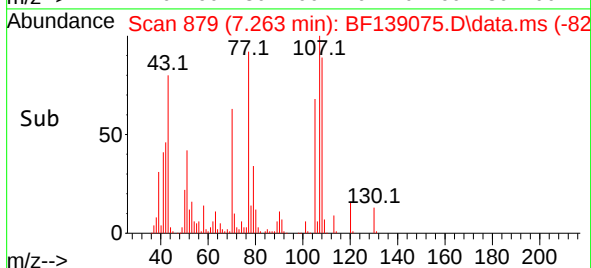
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

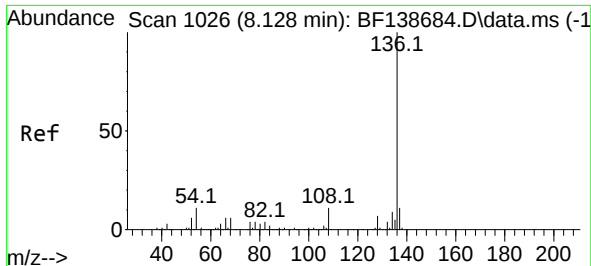


#20
3+4-Methylphenols
Concen: 48.791 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47



Tgt Ion:107 Resp: 187490
Ion Ratio Lower Upper
107 100
108 88.9 68.2 108.2
77 92.1 132.1 172.1#
79 33.6 11.5 51.5





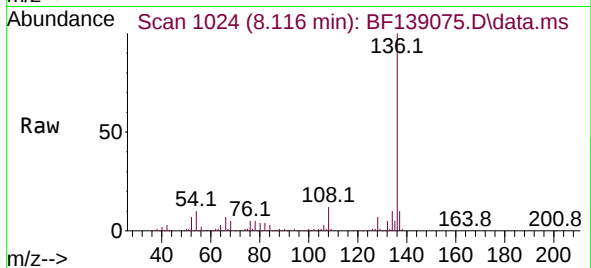
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

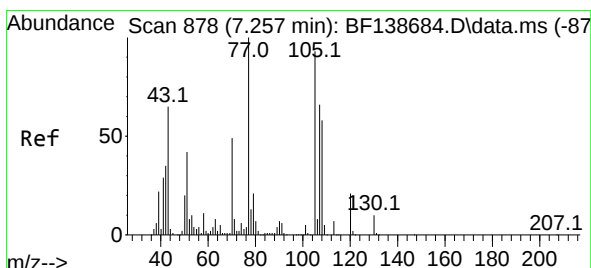
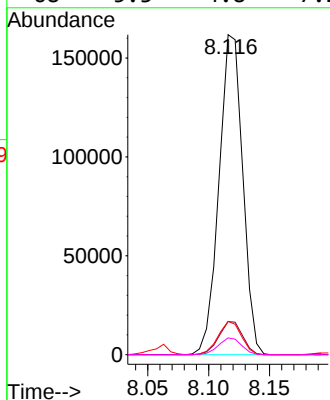
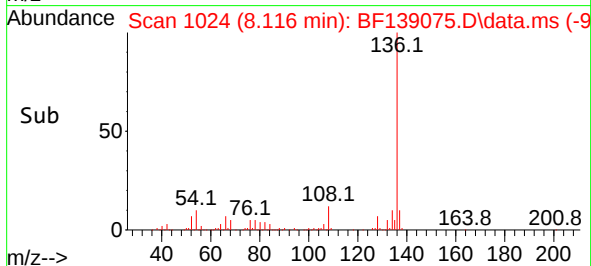


Tgt Ion:136 Resp: 21935
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 10.4 8.6 12.8
68 5.3 4.8 7.2

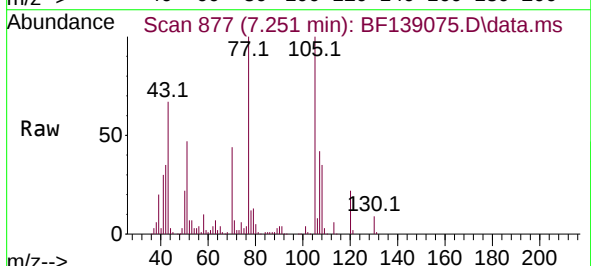
Manual Integrations

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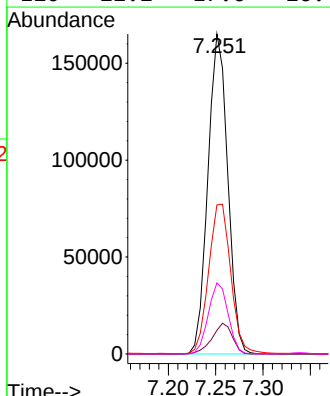
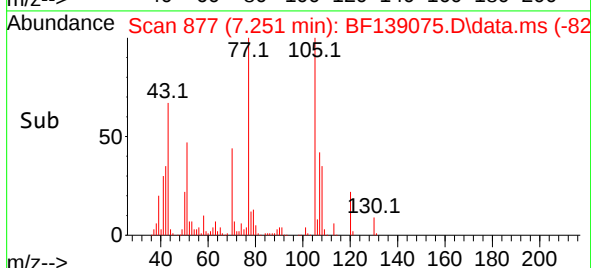
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

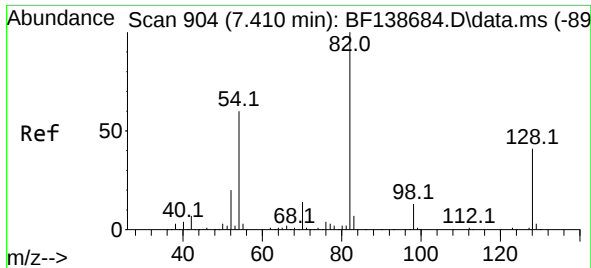


#22
Acetophenone
Concen: 44.762 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47



Tgt Ion:105 Resp: 240406
Ion Ratio Lower Upper
105 100
71 7.4 7.2 10.8
51 46.6 35.9 53.9
120 22.2 17.6 26.4





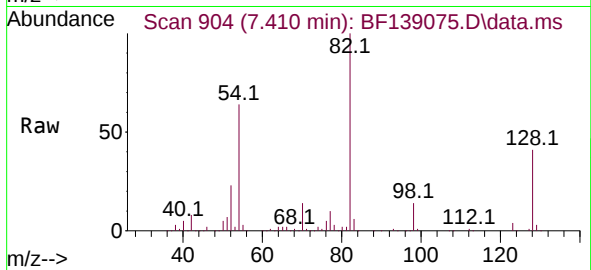
#23
Nitrobenzene-d5
Concen: 87.618 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

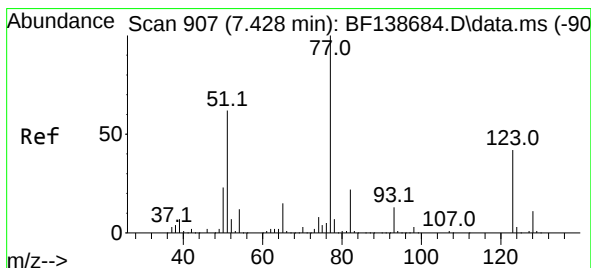
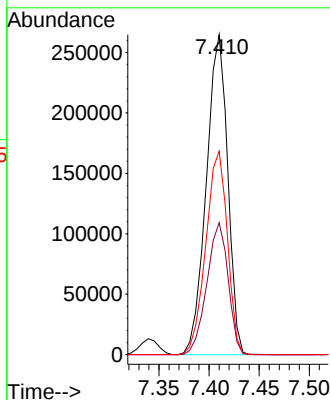
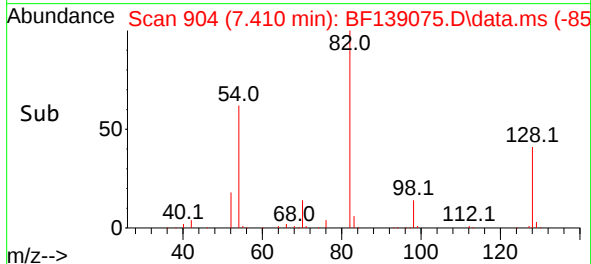


Tgt Ion: 82 Resp: 393098
Ion Ratio Lower Upper
82 100
128 41.2 32.8 49.2
54 63.6 48.3 72.5

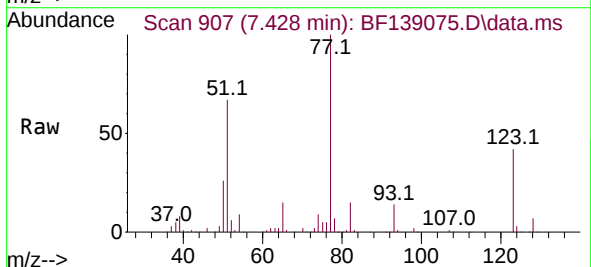
Manual Integrations

APPROVED

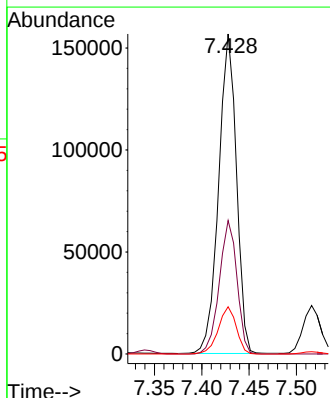
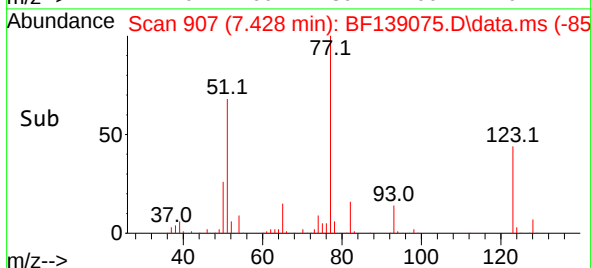
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

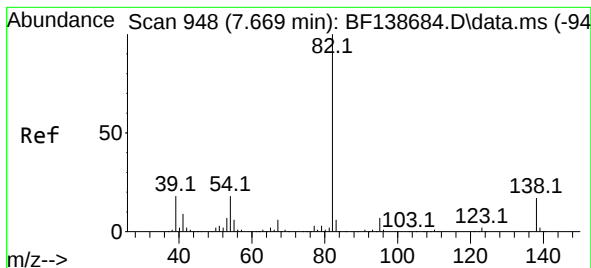


#24
Nitrobenzene
Concen: 44.896 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47



Tgt Ion: 77 Resp: 204964
Ion Ratio Lower Upper
77 100
123 41.7 33.3 49.9
65 14.8 11.9 17.9





#25

Isophorone

Concen: 46.815 ng

RT: 7.663 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

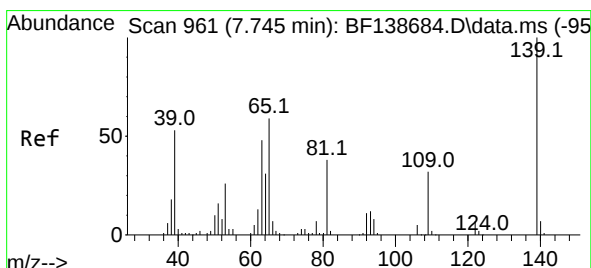
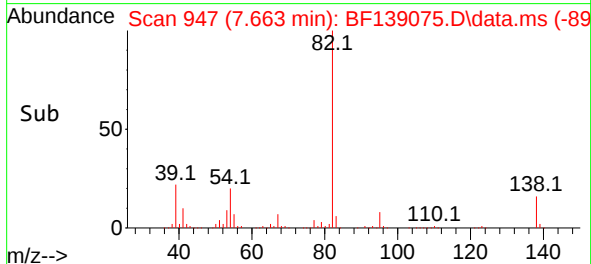
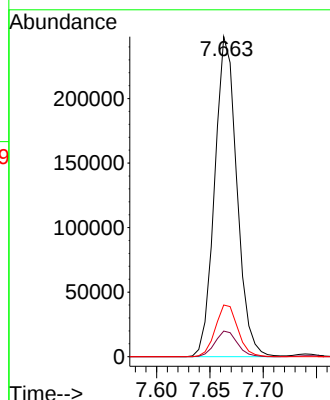
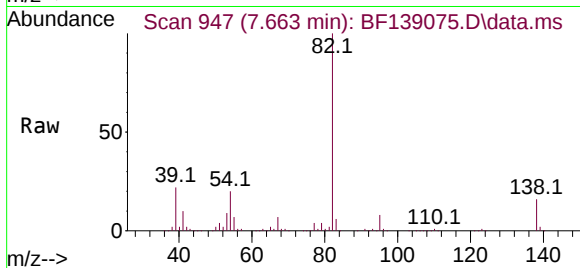
PB162688BS

Tgt Ion: 82	Resp: 35864
Ion Ratio	Lower Upper
82 100	
95 8.0	5.7 8.5
138 16.2	13.7 20.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#26

2-Nitrophenol

Concen: 46.828 ng

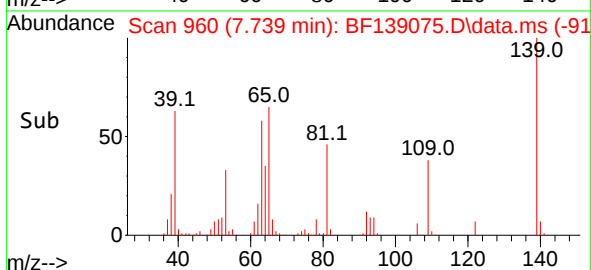
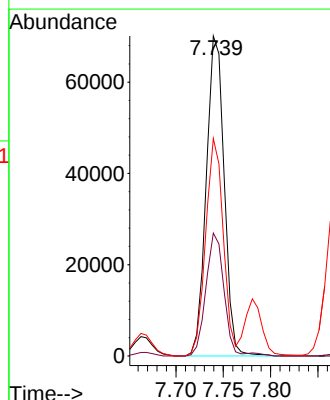
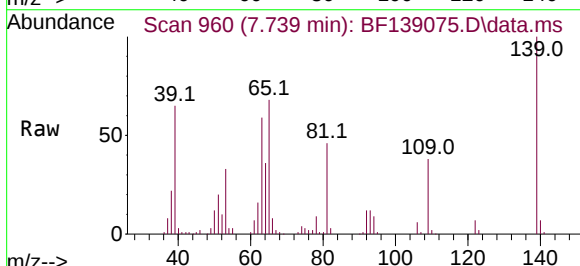
RT: 7.739 min Scan# 960

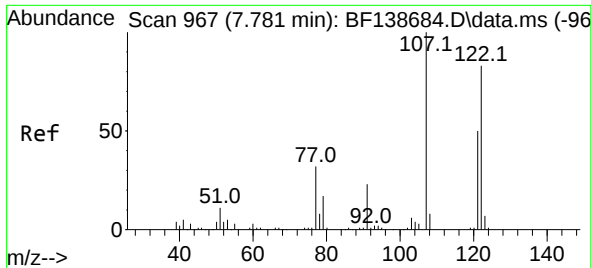
Delta R.T. -0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Tgt Ion:139	Resp: 91978
Ion Ratio	Lower Upper
139 100	
109 38.4	25.9 38.9
65 67.9	47.0 70.6





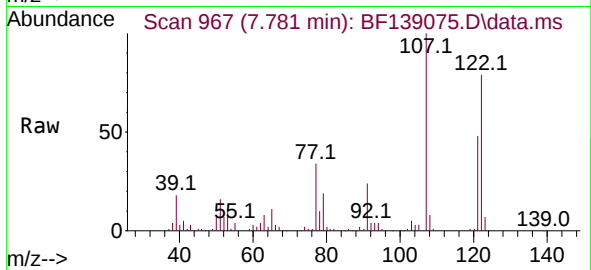
#27
2,4-Dimethylphenol
Concen: 49.638 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

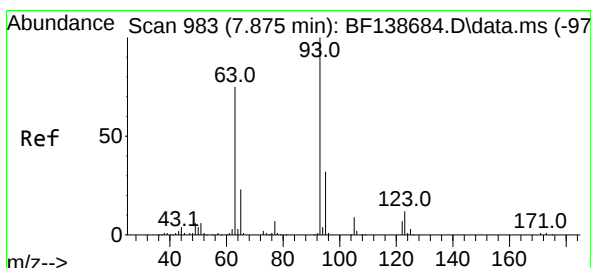
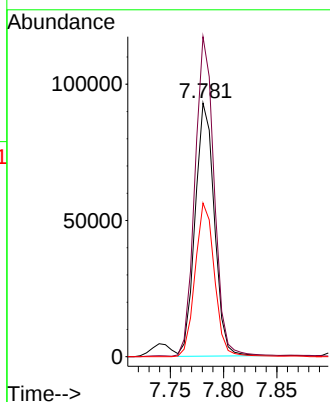
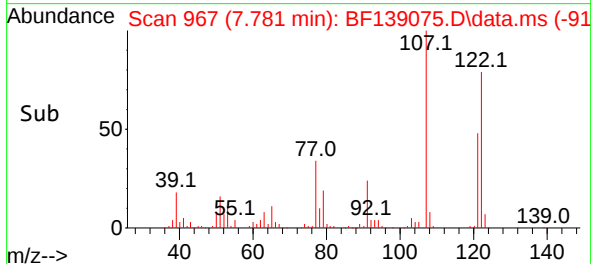


Tgt Ion:122 Resp: 11665
Ion Ratio Lower Upper
122 100
107 126.2 95.0 142.6
121 60.6 47.3 70.9

Manual Integrations

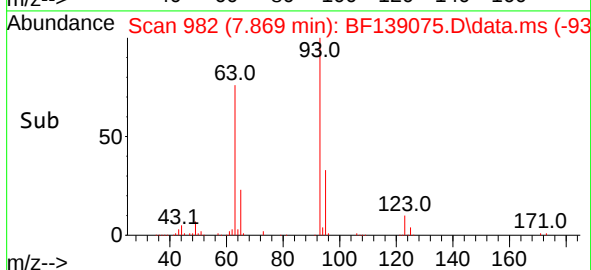
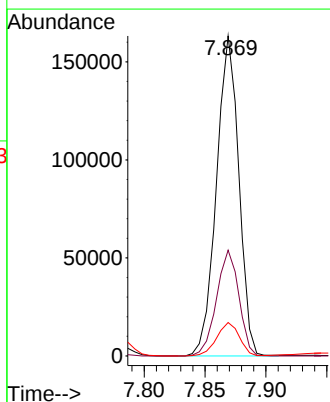
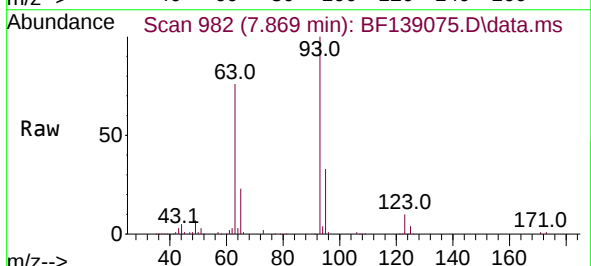
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.650 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion: 93 Resp: 208302
Ion Ratio Lower Upper
93 100
95 33.0 25.8 38.8
123 10.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.651 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

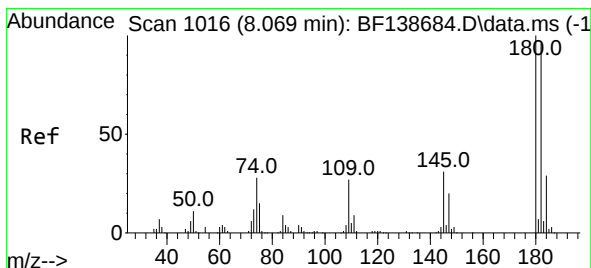
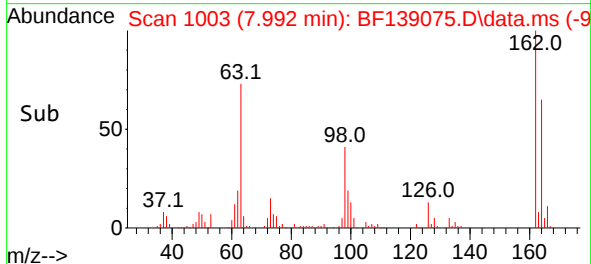
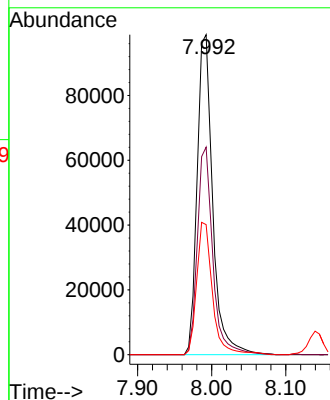
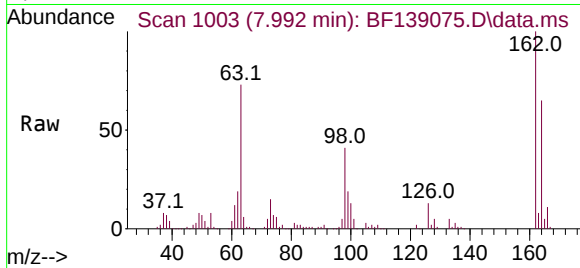
PB162688BS

Tgt Ion:162	Resp:	14389
Ion Ratio	Lower	Upper
162	100	
164	64.8	44.7 84.7
98	40.7	20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.690 ng

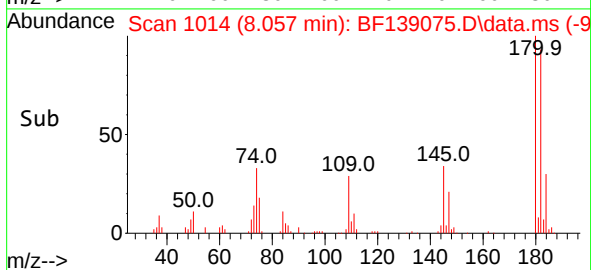
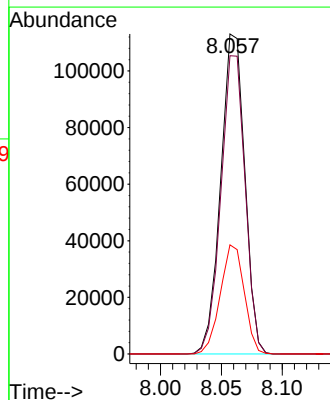
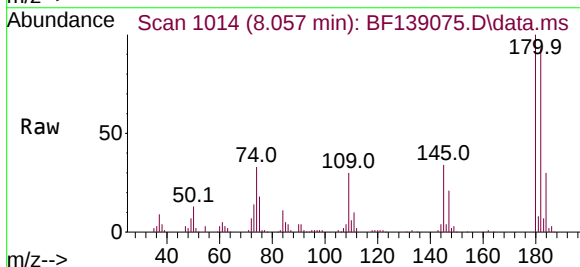
RT: 8.057 min Scan# 1014

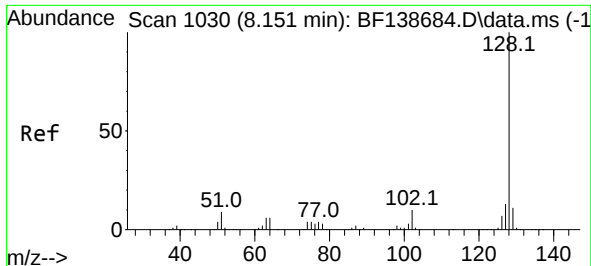
Delta R.T. -0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Tgt Ion:180	Resp:	155740
Ion Ratio	Lower	Upper
180	100	
182	93.2	76.9 115.3
145	34.1	25.0 37.4





#31
Naphthalene
Concen: 44.681 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

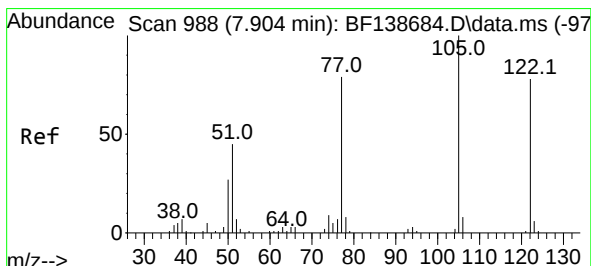
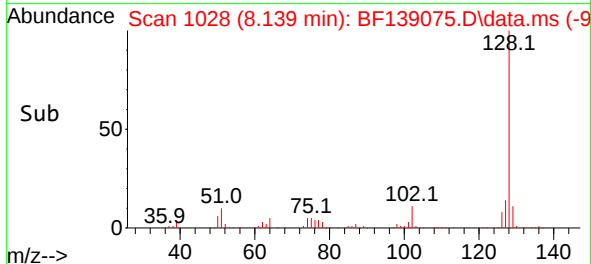
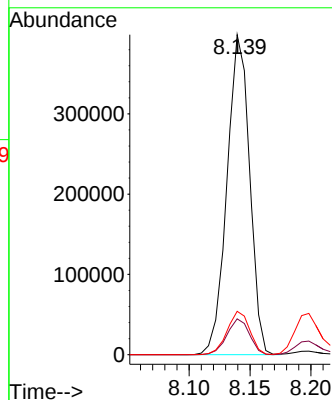
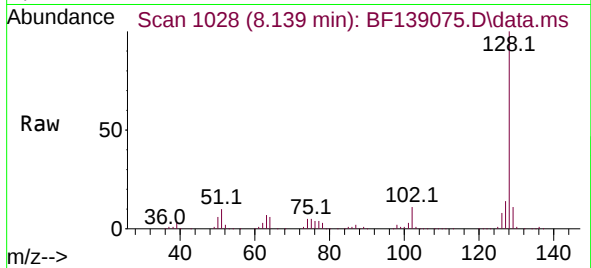
PB162688BS

Tgt Ion:128 Resp: 51588
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.6 10.6 16.0

Manual Integrations

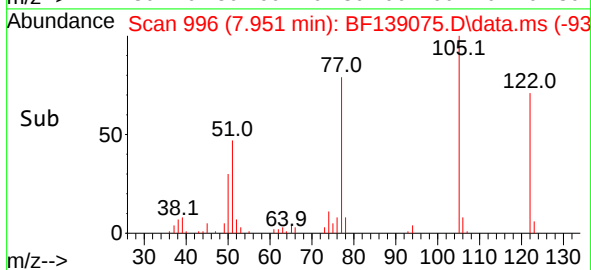
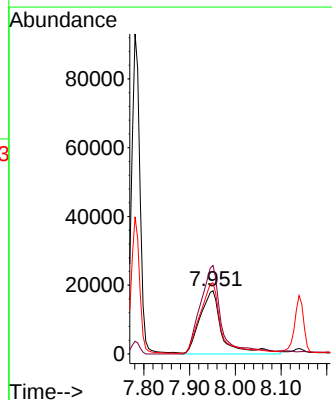
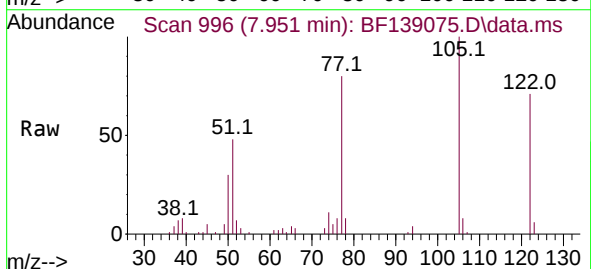
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#32
Benzoic acid
Concen: 33.370 ng m
RT: 7.951 min Scan# 996
Delta R.T. 0.047 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:122 Resp: 61645
Ion Ratio Lower Upper
122 100
105 139.9 106.7 146.7
77 112.6 81.1 121.1





#33
4-Chloroaniline
Concen: 22.906 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

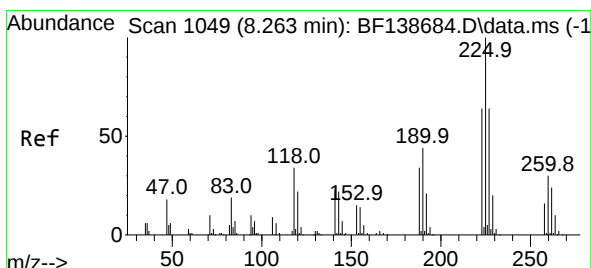
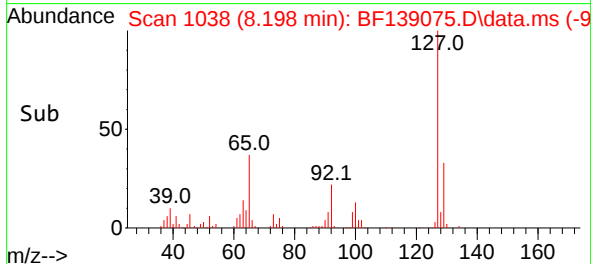
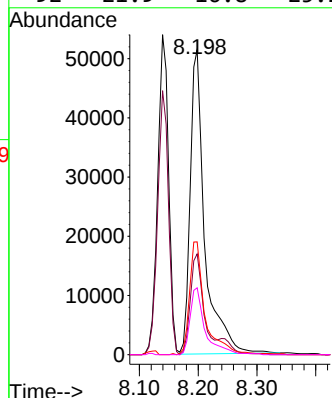
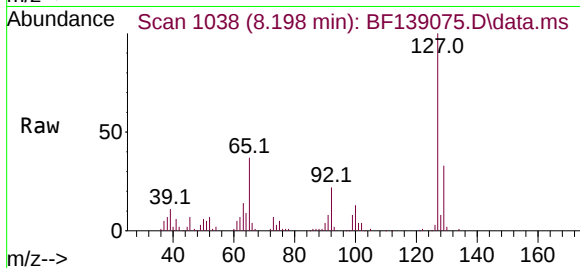
PB162688BS

Tgt Ion:127 Resp: 88778
Ion Ratio Lower Upper
127 100
129 33.1 25.9 38.9
65 37.0 27.6 41.4
92 21.9 16.8 25.2

Manual Integrations

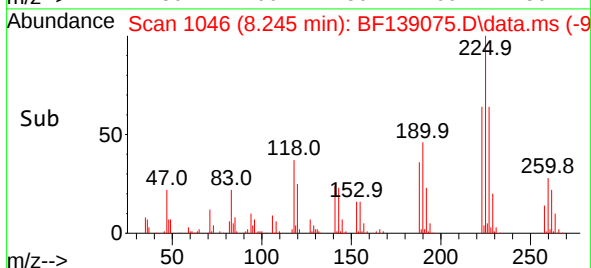
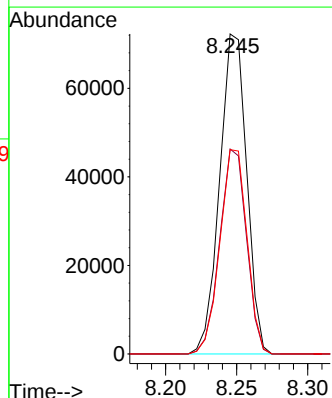
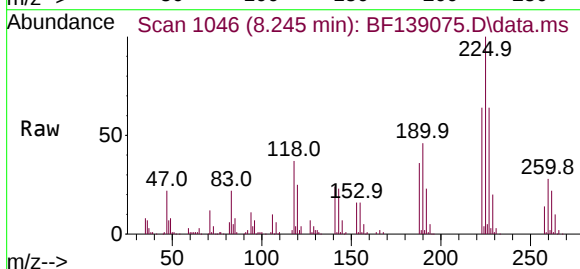
APPROVED

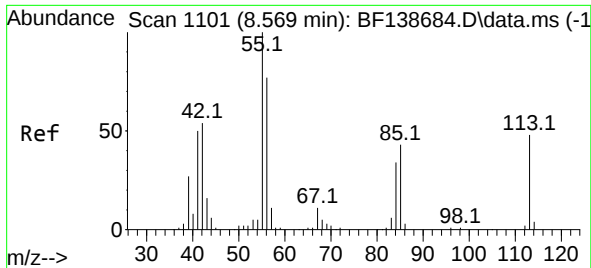
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#34
Hexachlorobutadiene
Concen: 45.372 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.018 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

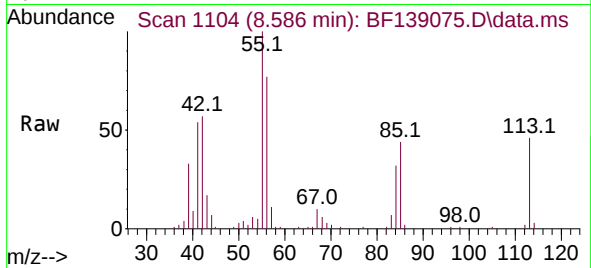
Tgt Ion:225 Resp: 95770
Ion Ratio Lower Upper
225 100
223 64.1 51.2 76.8
227 63.8 51.1 76.7





#35
Caprolactam
Concen: 51.462 ng m
RT: 8.586 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

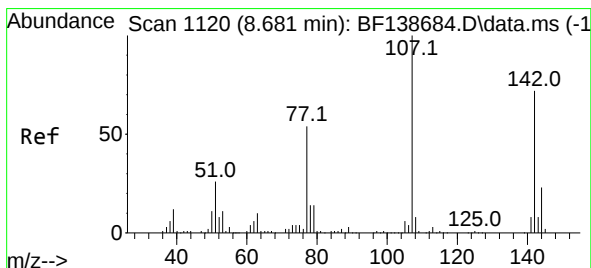
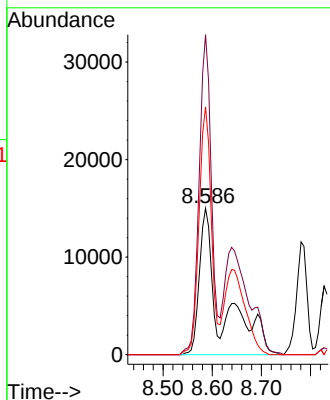
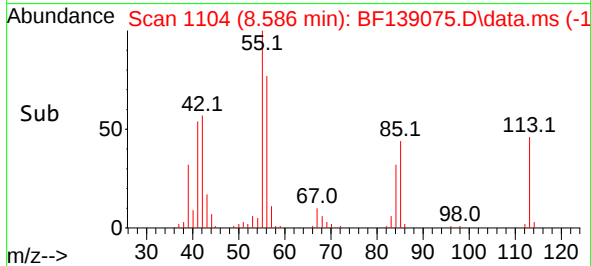
Instrument :
BNA_F
ClientSampleId :
PB162688BS



Tgt Ion:113 Resp: 46370
Ion Ratio Lower Upper
113 100
55 218.6 186.7 226.7
56 169.3 138.9 178.9

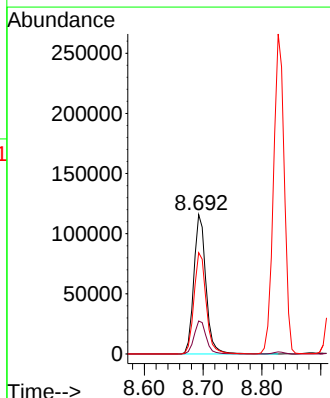
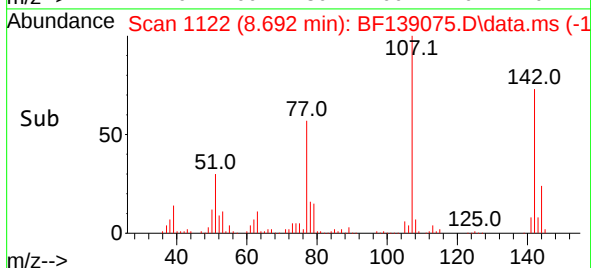
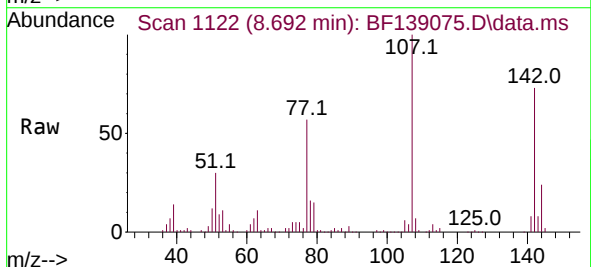
Manual Integrations
APPROVED

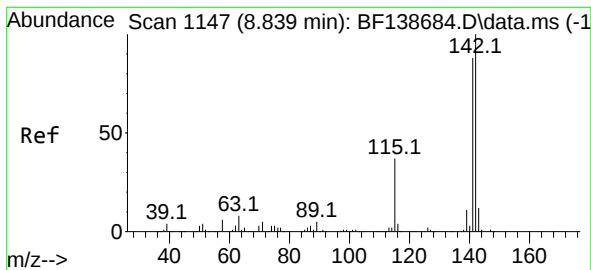
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#36
4-Chloro-3-methylphenol
Concen: 47.907 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:107 Resp: 165335
Ion Ratio Lower Upper
107 100
144 23.6 18.2 27.2
142 72.7 57.4 86.2





#37
2-Methylnaphthalene
Concen: 46.577 ng
RT: 8.828 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

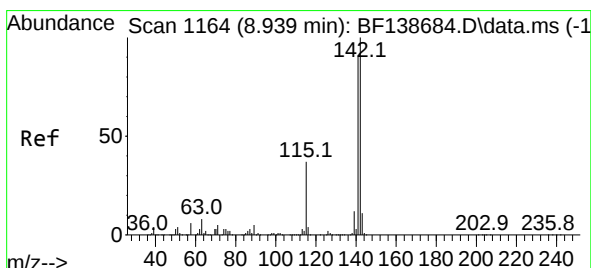
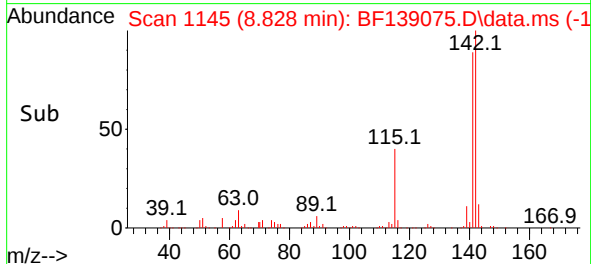
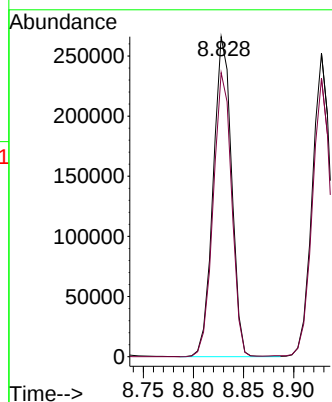
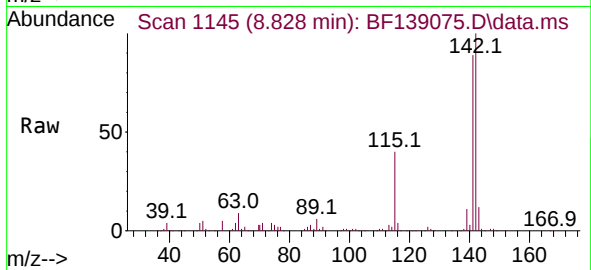
PB162688BS

Tgt Ion:142 Resp: 33963
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2

Manual Integrations

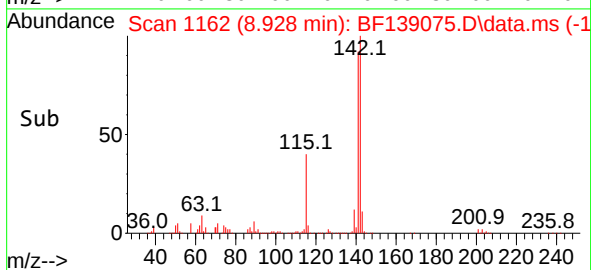
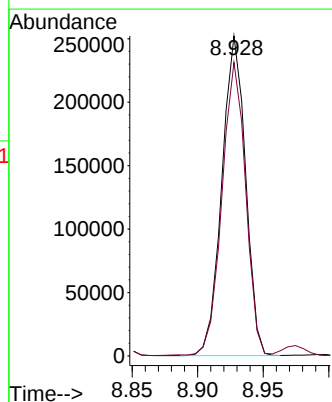
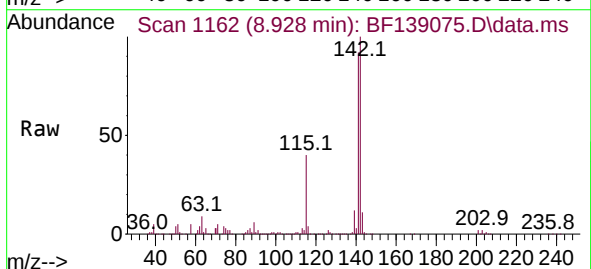
APPROVED

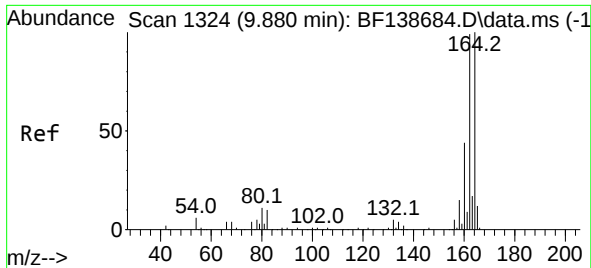
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#38
1-Methylnaphthalene
Concen: 44.231 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:142 Resp: 316050
Ion Ratio Lower Upper
142 100
141 91.8 73.1 109.7





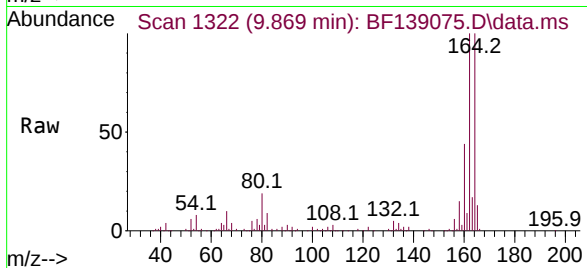
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1174
Delta R.T. -0.011 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

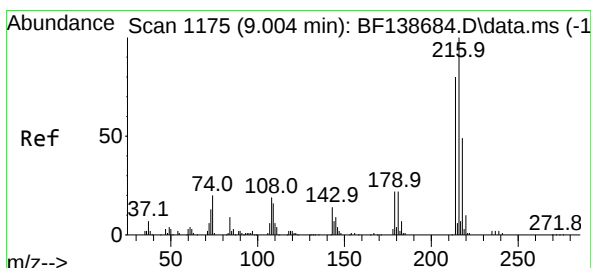
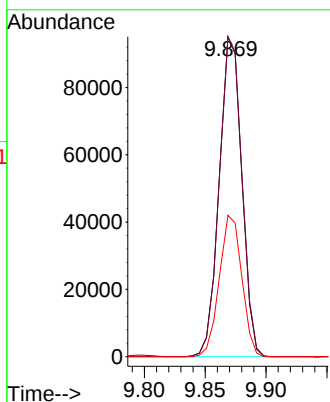
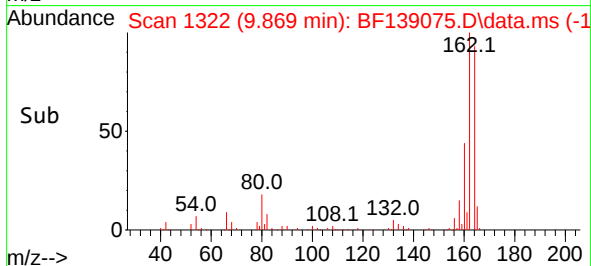


Tgt Ion:164 Resp: 122320
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.0
160 44.2 35.1 52.7

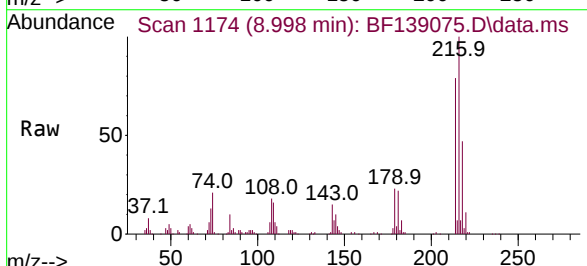
Manual Integrations

APPROVED

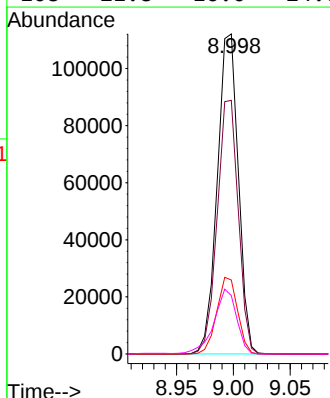
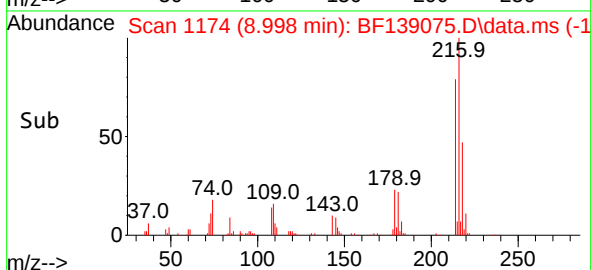
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

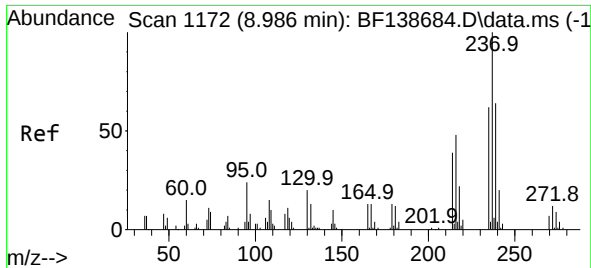


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.568 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47



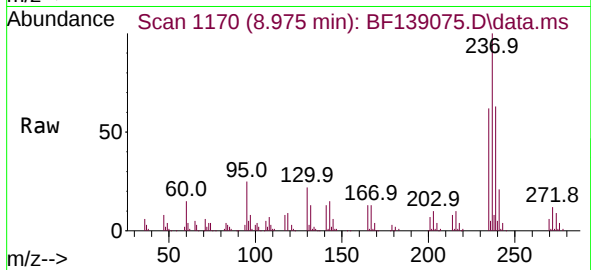
Tgt Ion:216 Resp: 144648
Ion Ratio Lower Upper
216 100
214 79.3 63.9 95.9
179 23.7 17.8 26.6
108 21.8 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 83.846 ng
RT: 8.975 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

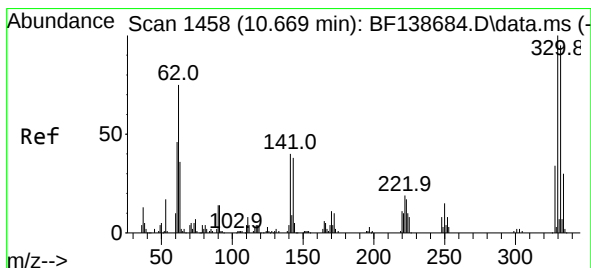
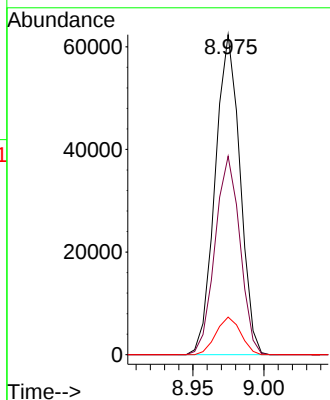
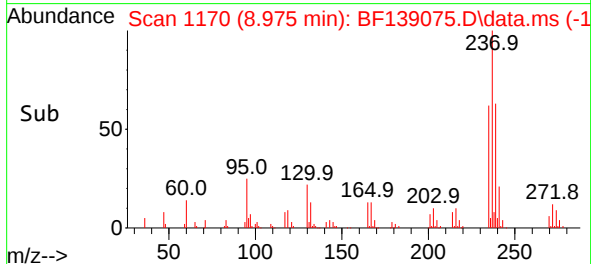
Instrument :
BNA_F
ClientSampleId :
PB162688BS



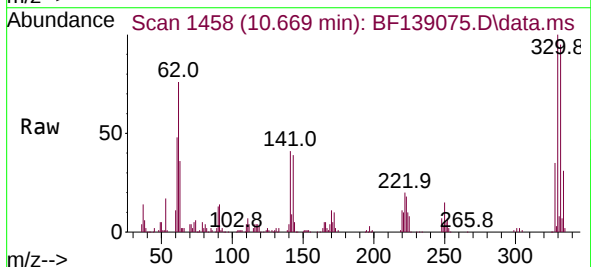
Tgt Ion: 237 Resp: 7574
Ion Ratio Lower Upper
237 100
235 62.0 41.8 81.8
272 11.7 0.0 32.2

Manual Integrations
APPROVED

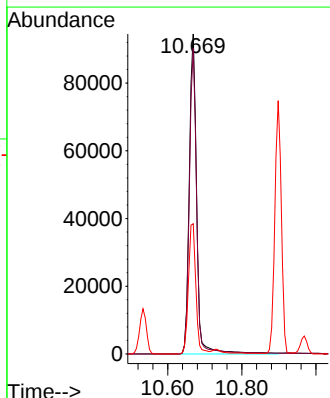
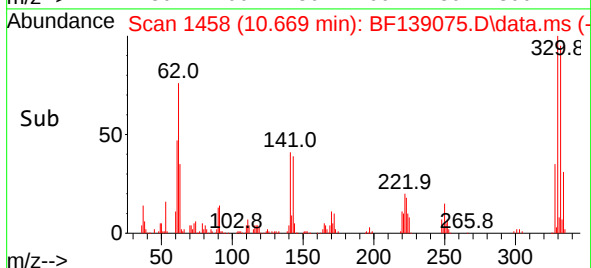
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#42
2,4,6-Tribromophenol
Concen: 130.664 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47



Tgt Ion: 330 Resp: 130927
Ion Ratio Lower Upper
330 100
332 92.7 76.4 114.6
141 41.0 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 43.928 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

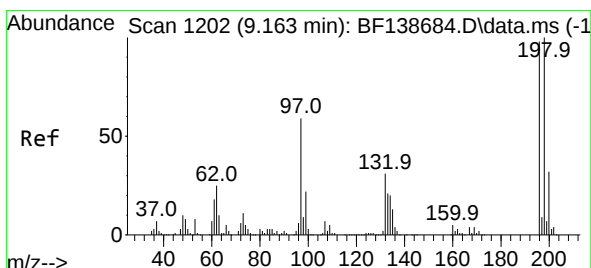
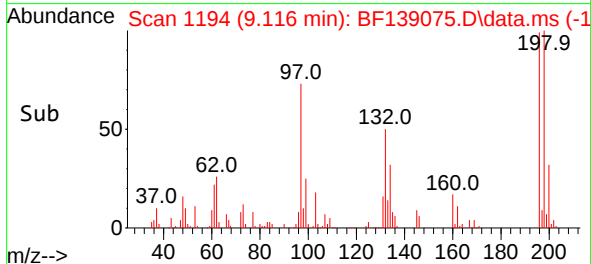
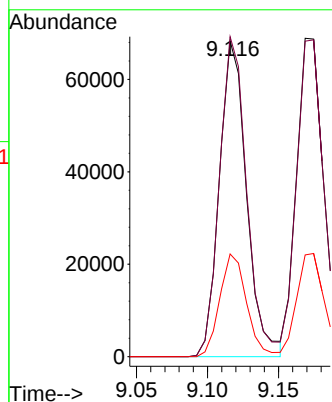
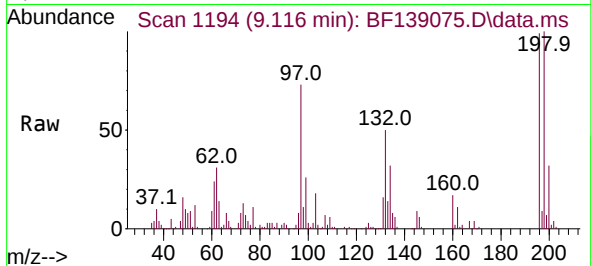
PB162688BS

Tgt Ion:196 Resp: 9101
Ion Ratio Lower Upper
196 100
198 101.3 80.5 120.7
200 32.5 25.9 38.9

Manual Integrations

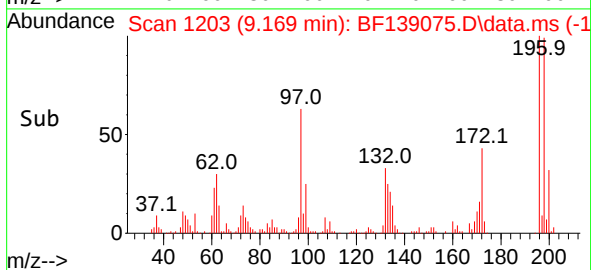
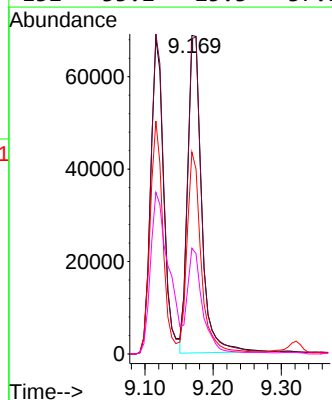
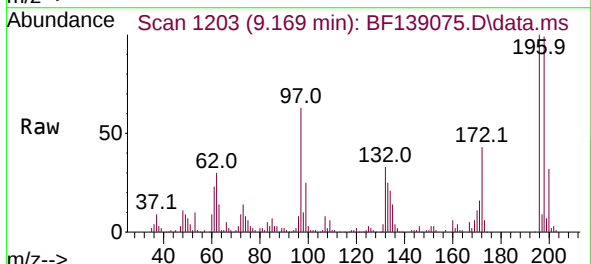
APPROVED

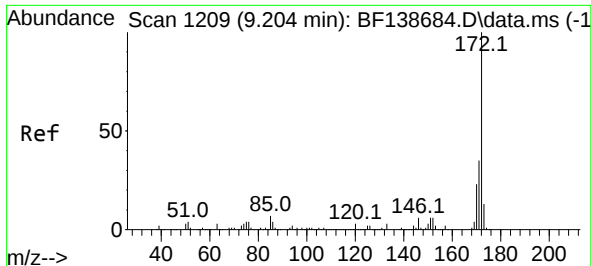
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#44
2,4,5-Trichlorophenol
Concen: 43.196 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

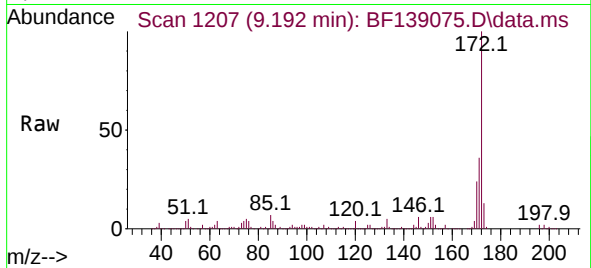
Tgt Ion:196 Resp: 97838
Ion Ratio Lower Upper
196 100
198 99.1 81.2 121.8
97 63.4 47.8 71.6
132 33.2 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 87.738 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

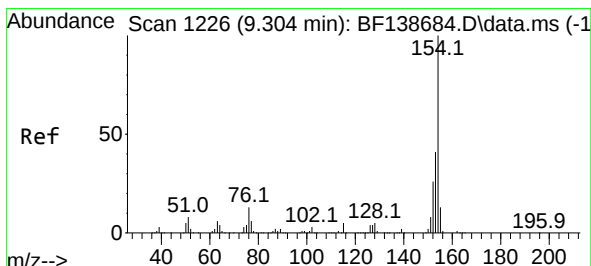
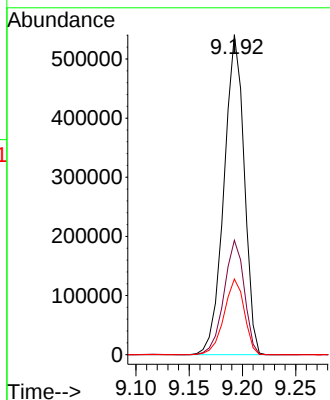
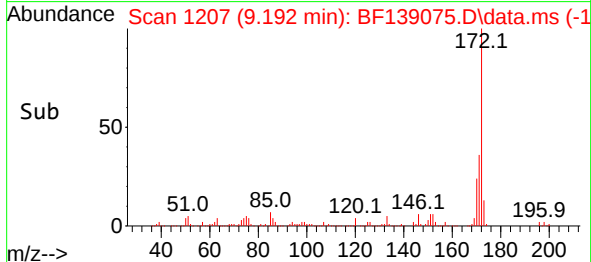
Instrument :
BNA_F
ClientSampleId :
PB162688BS



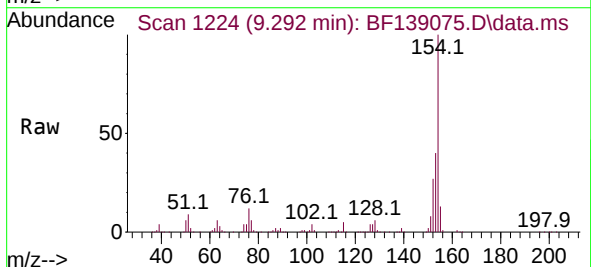
Tgt Ion:172 Resp: 714318
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.6 18.8 28.2

Manual Integrations
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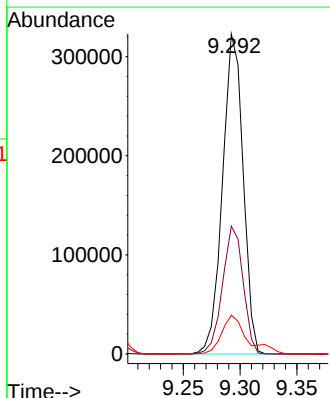
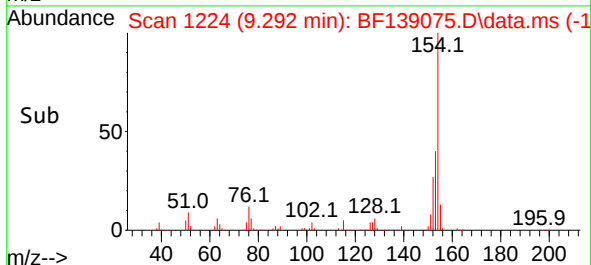
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#46
1,1'-Biphenyl
Concen: 42.526 ng
RT: 9.292 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47



Tgt Ion:154 Resp: 407420
Ion Ratio Lower Upper
154 100
153 40.0 20.8 60.8
76 12.2 0.0 32.8





#47

2-Chloronaphthalene

Concen: 44.324 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

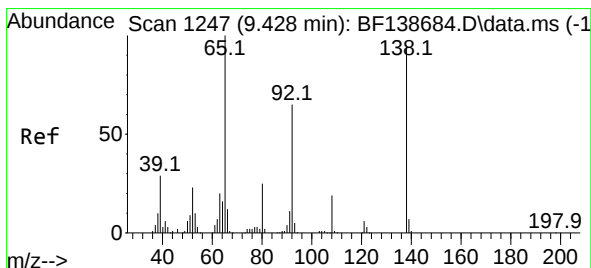
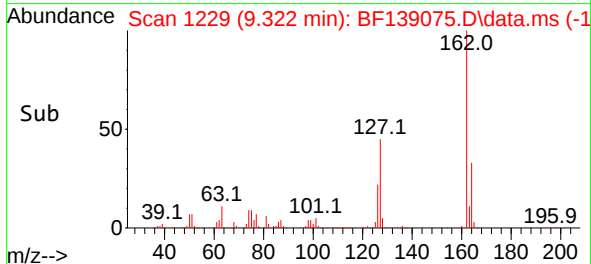
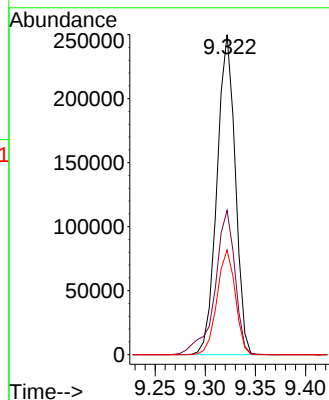
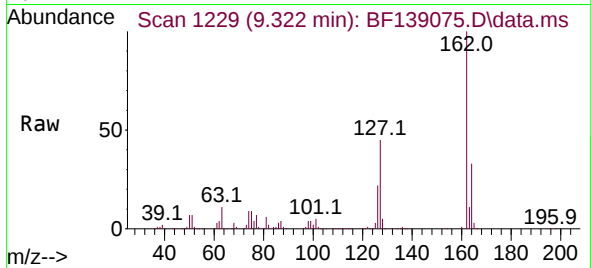
PB162688BS

Tgt Ion:162 Resp: 31582
 Ion Ratio Lower Upper
 162 100
 127 45.1 35.4 53.2
 164 32.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024



#48

2-Nitroaniline

Concen: 48.831 ng

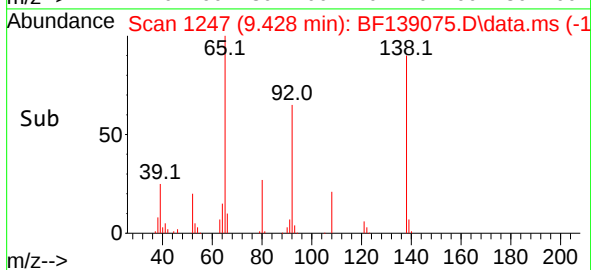
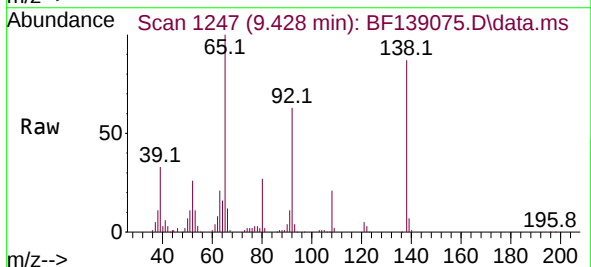
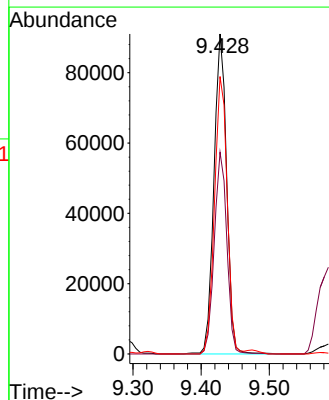
RT: 9.428 min Scan# 1247

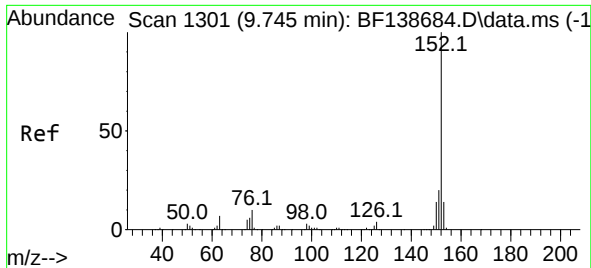
Delta R.T. 0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Tgt Ion: 65 Resp: 117954
 Ion Ratio Lower Upper
 65 100
 92 63.0 52.0 78.0
 138 86.7 76.2 114.4





#49
Acenaphthylene
Concen: 48.591 ng
RT: 9.733 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

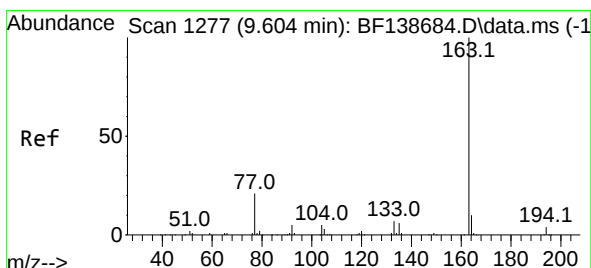
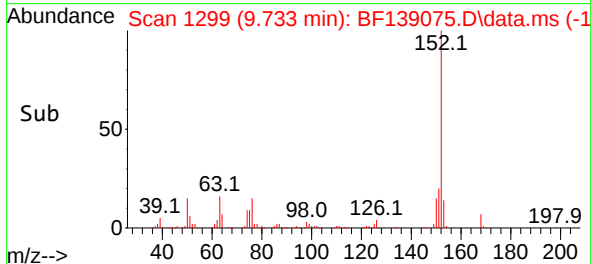
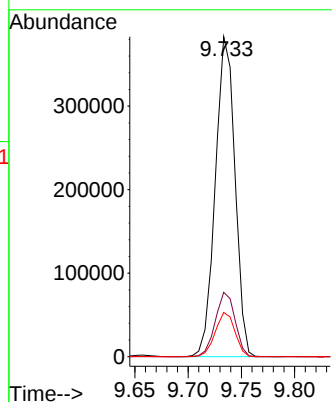
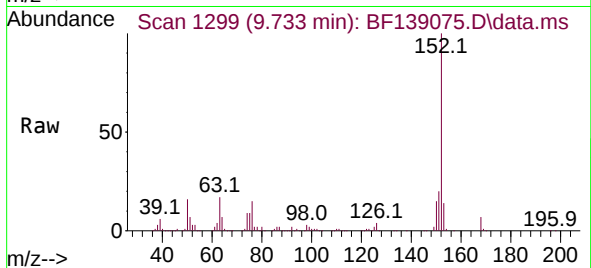
PB162688BS

Tgt Ion:152 Resp: 491050
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.8 11.0 16.4

Manual Integrations

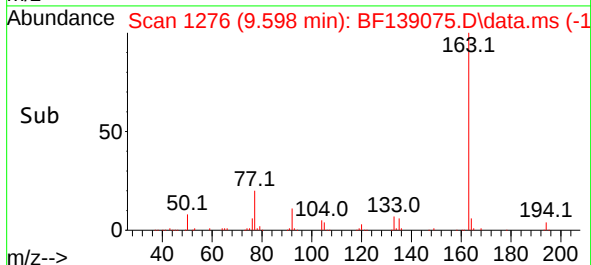
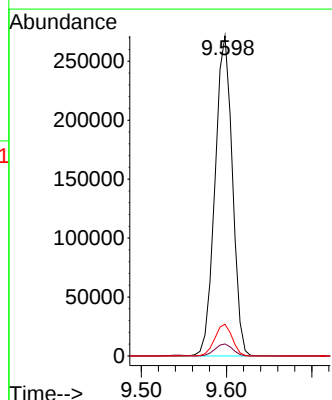
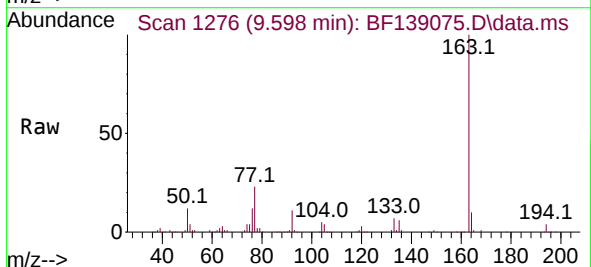
APPROVED

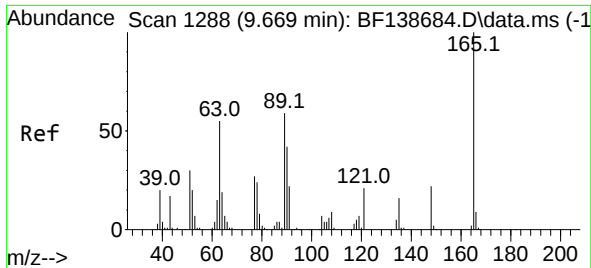
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#50
Dimethylphthalate
Concen: 49.111 ng
RT: 9.598 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:163 Resp: 384129
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.9 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 46.002 ng
RT: 9.669 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

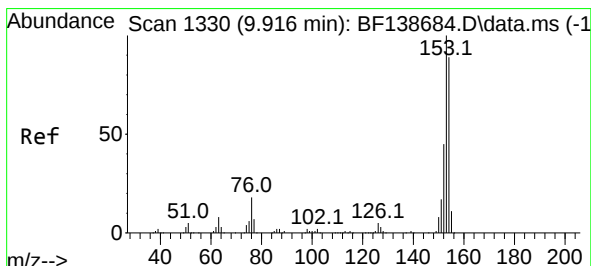
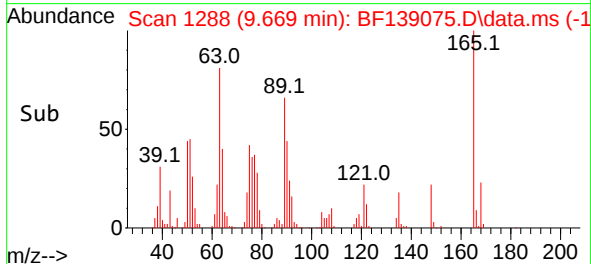
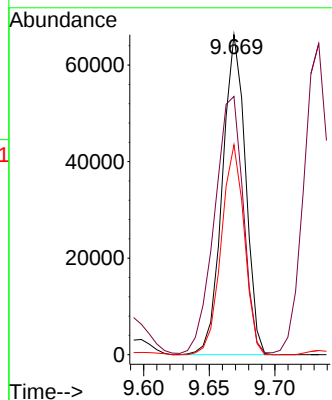
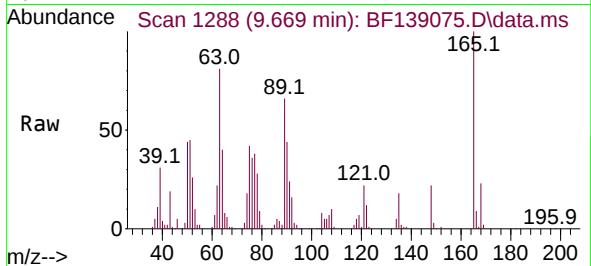
PB162688BS

Tgt Ion:165 Resp: 81204
Ion Ratio Lower Upper
165 100
63 80.7 52.0 78.0
89 65.6 47.0 70.6

Manual Integrations

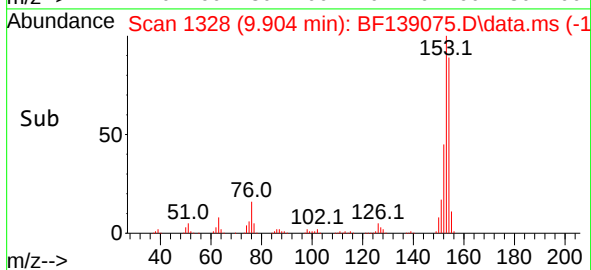
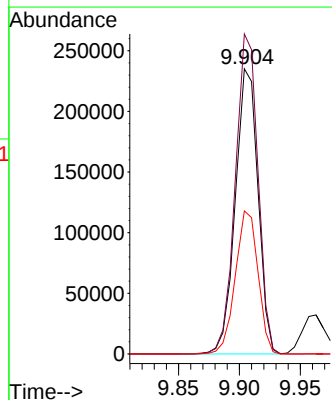
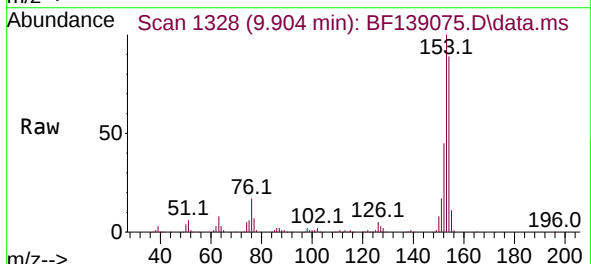
APPROVED

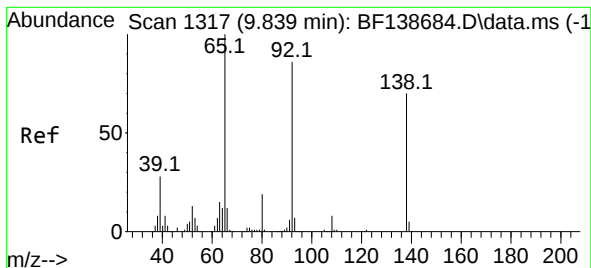
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#52
Acenaphthene
Concen: 44.836 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:154 Resp: 304580
Ion Ratio Lower Upper
154 100
153 112.3 89.9 134.9
152 50.2 40.6 60.8





#53

3-Nitroaniline

Concen: 31.789 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

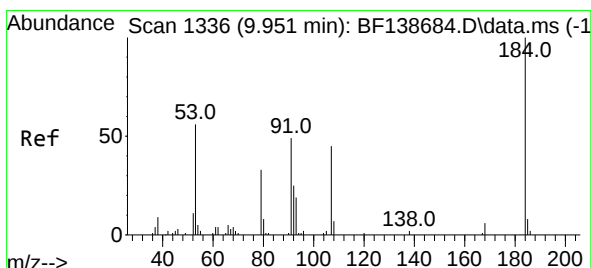
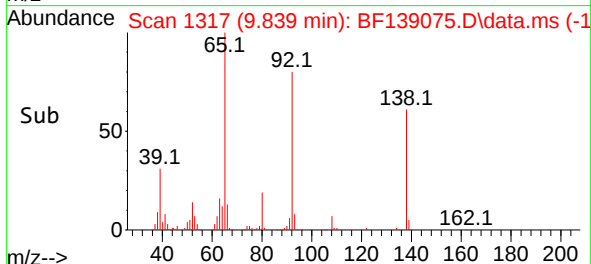
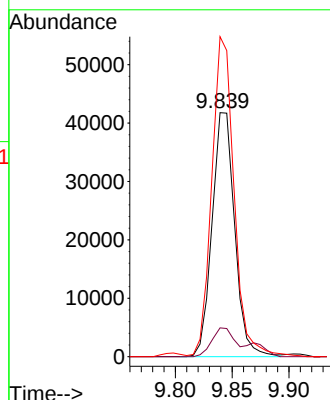
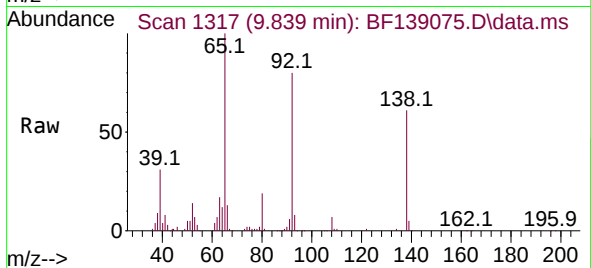
Tgt Ion:138 Resp: 58010

Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.1	13.7
92	131.1	98.7	148.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#54

2,4-Dinitrophenol

Concen: 80.928 ng

RT: 9.963 min Scan# 1338

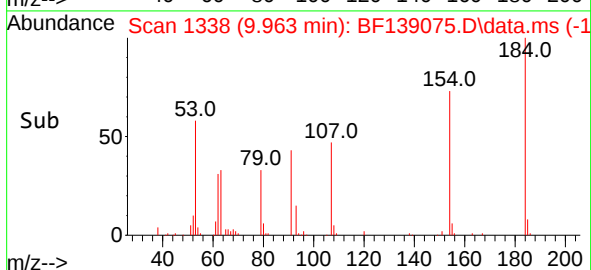
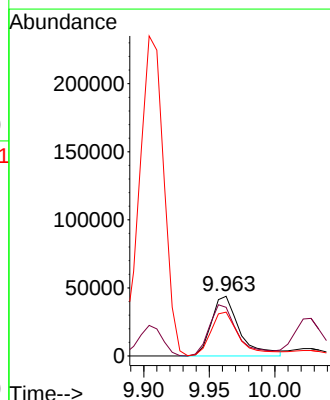
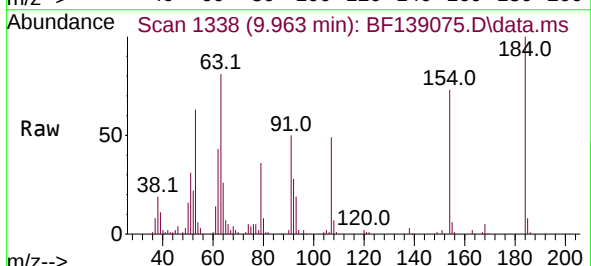
Delta R.T. 0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Tgt Ion:184 Resp: 65761

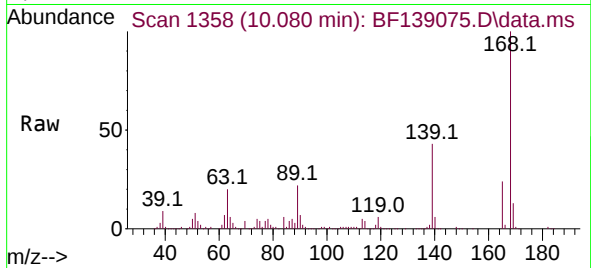
Ion	Ratio	Lower	Upper
184	100		
63	81.5	57.5	86.3
154	73.5	51.7	77.5





#55
Dibenzenofuran
Concen: 46.404 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

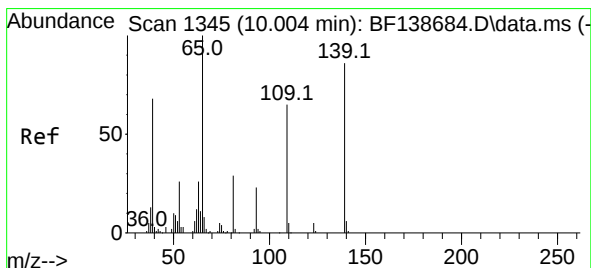
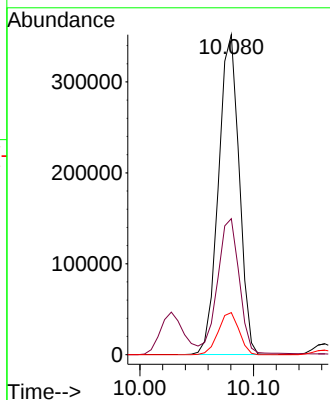
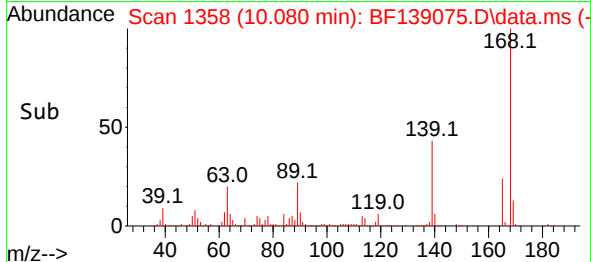
Instrument :
BNA_F
ClientSampleId :
PB162688BS



Tgt Ion:168 Resp: 44498
Ion Ratio Lower Upper
168 100
139 42.5 32.6 49.0
169 13.2 10.7 16.1

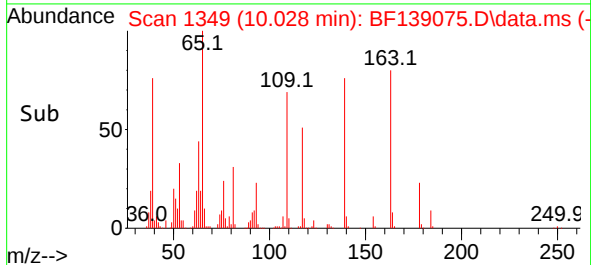
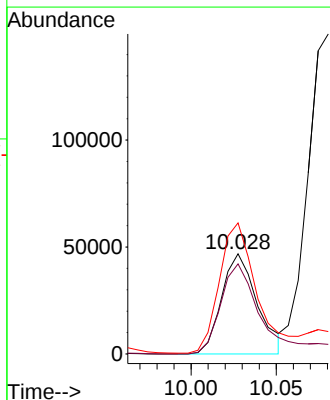
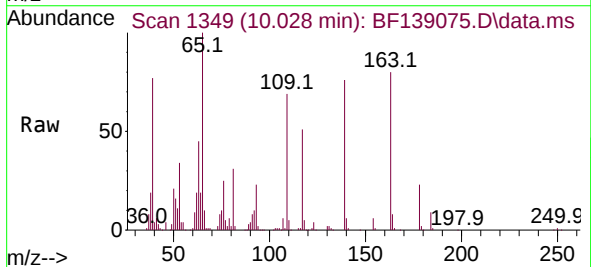
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#56
4-Nitrophenol
Concen: 61.827 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:139 Resp: 67847
Ion Ratio Lower Upper
139 100
109 89.9 55.5 95.5
65 130.9 96.7 136.7





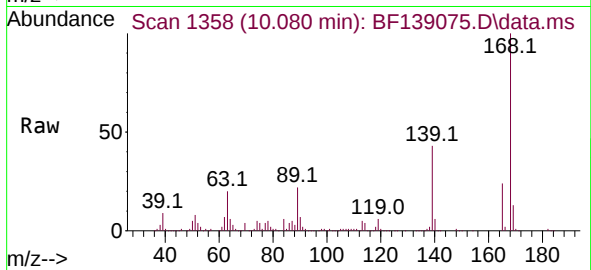
#57
2,4-Dinitrotoluene
Concen: 48.386 ng
RT: 10.080 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

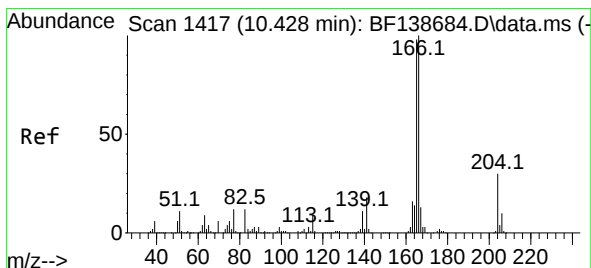
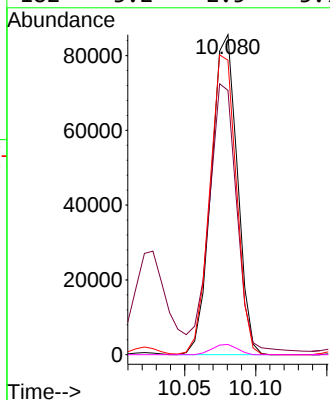
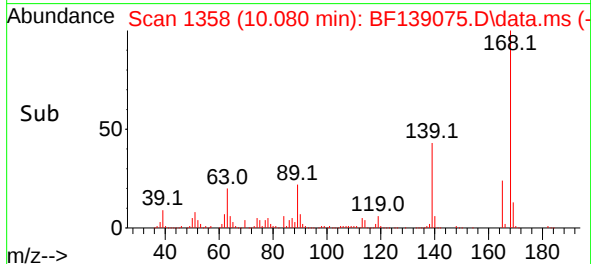


Tgt Ion:165 Resp: 10897
Ion Ratio Lower Upper
165 100
63 82.6 46.3 69.5
89 92.0 64.2 96.4
182 3.2 2.5 3.7

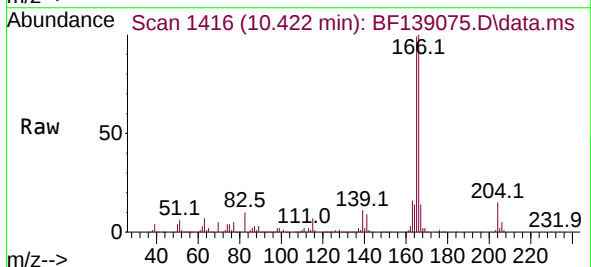
Manual Integrations

APPROVED

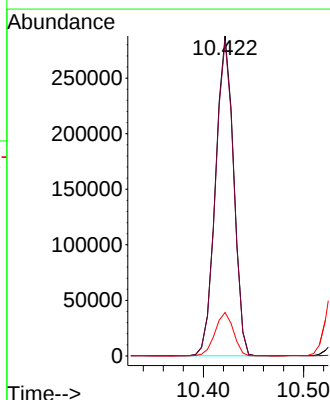
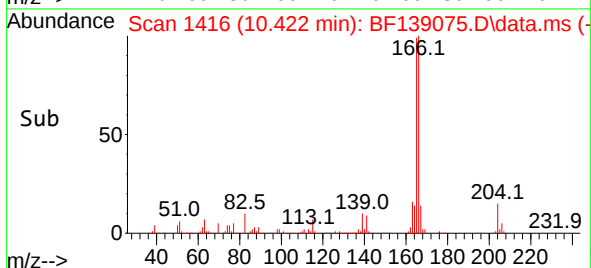
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#58
Fluorene
Concen: 47.248 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47



Tgt Ion:166 Resp: 360800
Ion Ratio Lower Upper
166 100
165 98.5 78.4 117.6
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.246 ng m
RT: 10.204 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

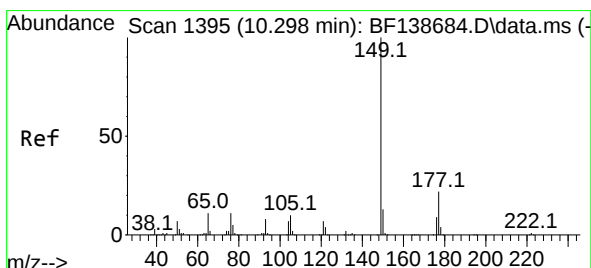
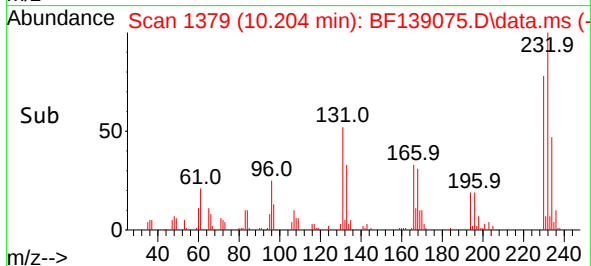
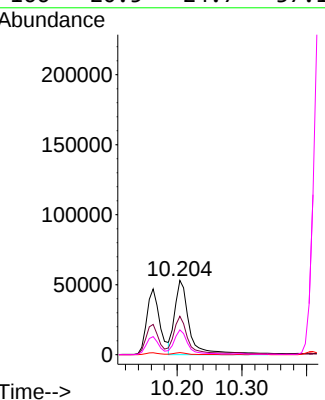
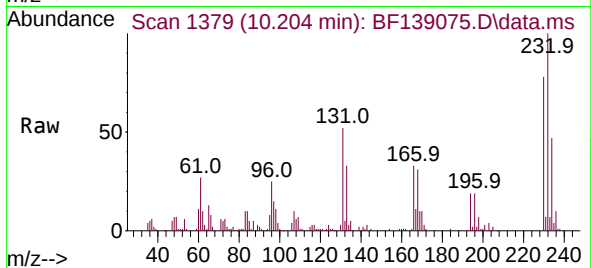
PB162688BS

Tgt Ion:232 Resp: 85275
Ion Ratio Lower Upper
232 100
131 34.1 37.0 55.4
130 2.2 2.0 3.0
166 20.5 24.7 37.1#

Manual Integrations

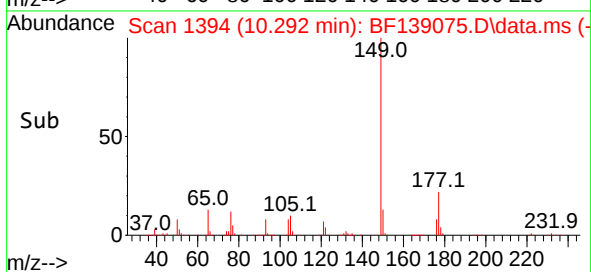
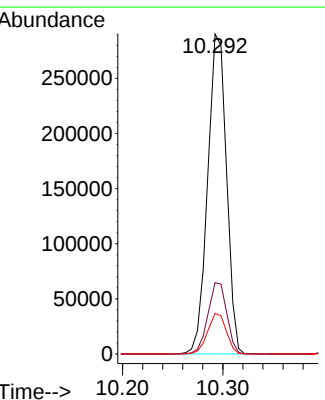
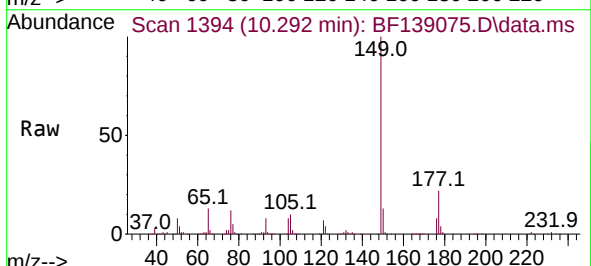
APPROVED

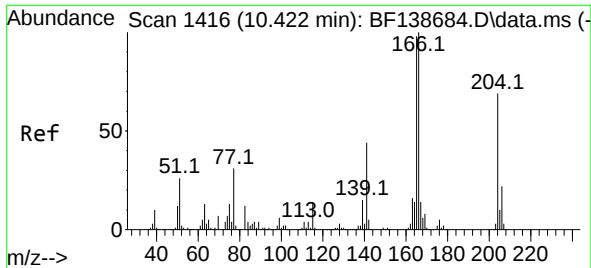
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#60
Diethylphthalate
Concen: 51.016 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:149 Resp: 378354
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.6 10.1 15.1





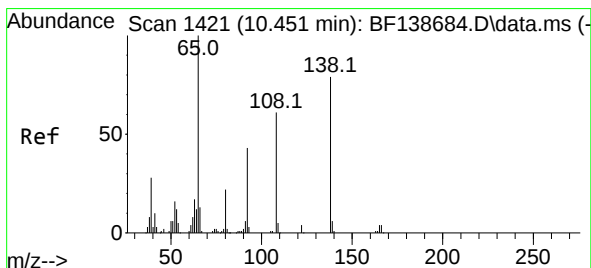
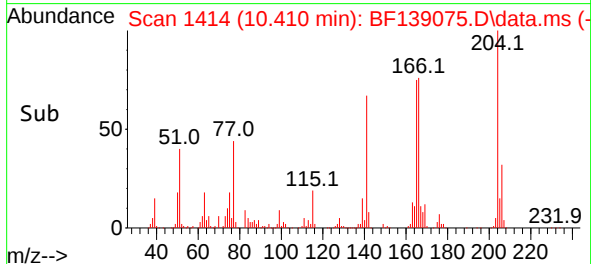
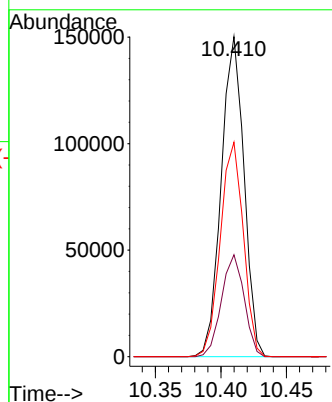
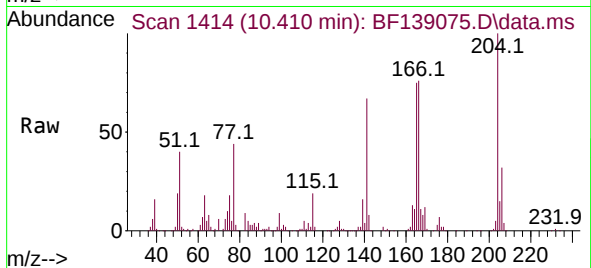
#61
4-Chlorophenyl-phenylether
Concen: 48.248 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :
BNA_F
ClientSampleId :
PB162688BS

Tgt Ion:204 Resp: 181204
Ion Ratio Lower Upper
204 100
206 31.9 26.1 39.1
141 67.0 51.4 77.0

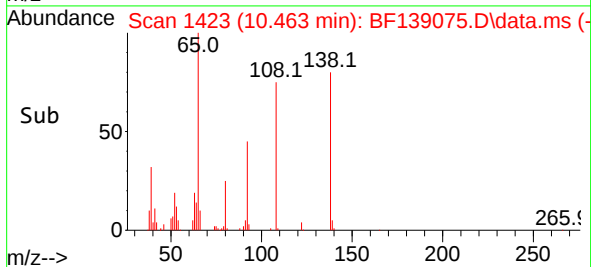
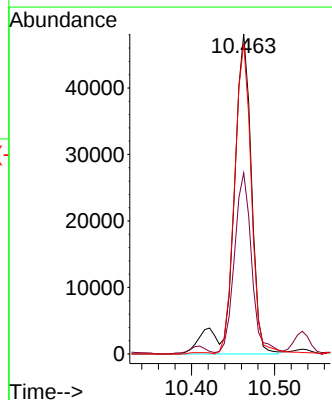
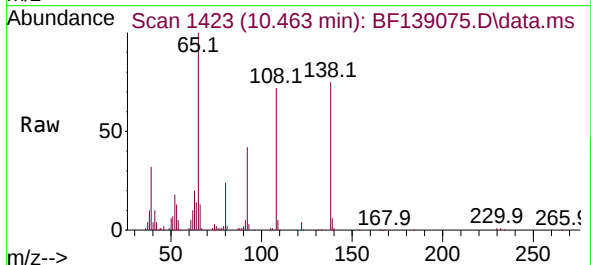
Manual Integrations
APPROVED

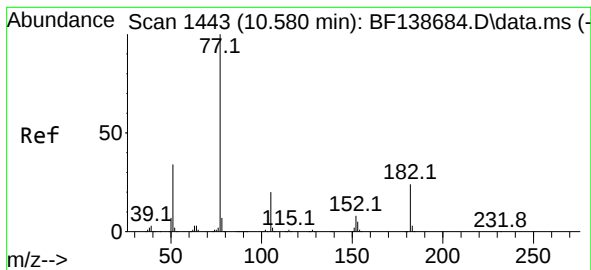
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#62
4-Nitroaniline
Concen: 41.353 ng m
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:138 Resp: 71712
Ion Ratio Lower Upper
138 100
92 56.6 34.2 74.2
108 97.1 56.2 96.2#





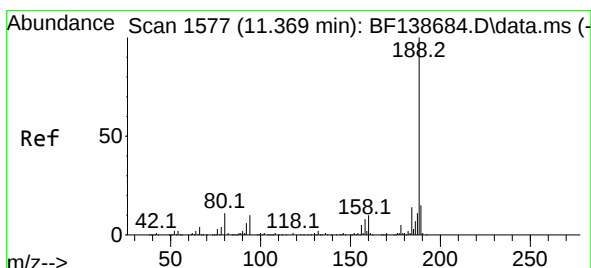
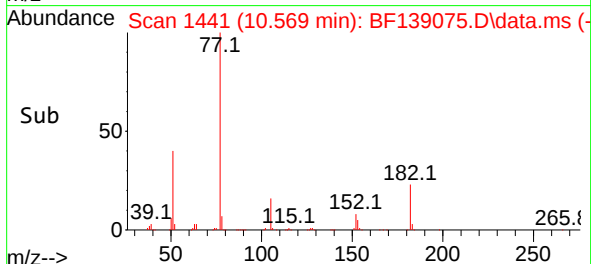
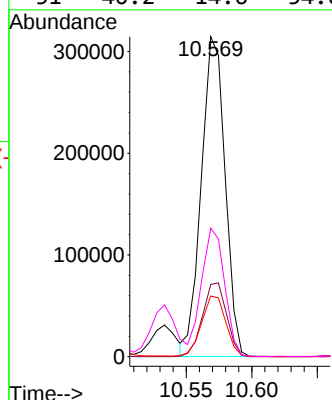
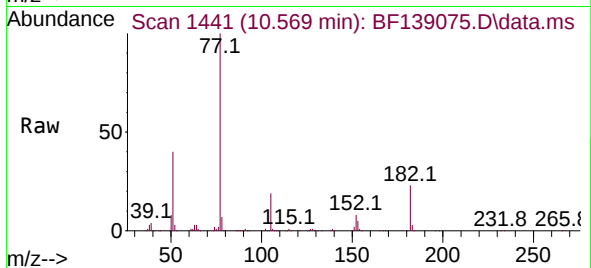
#63
Azobenzene
Concen: 48.313 ng
RT: 10.569 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :
BNA_F
ClientSampleId :
PB162688BS

Tgt Ion: 77 Resp: 397392
Ion Ratio Lower Upper
77 100
182 22.6 3.4 43.4
105 19.0 0.2 40.2
51 40.2 14.6 54.6

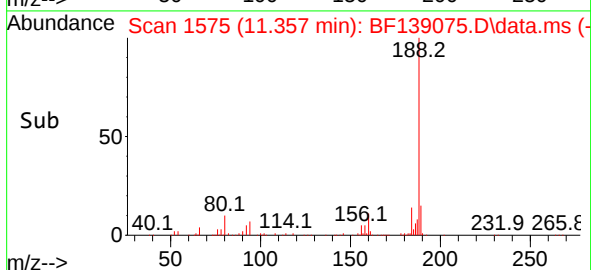
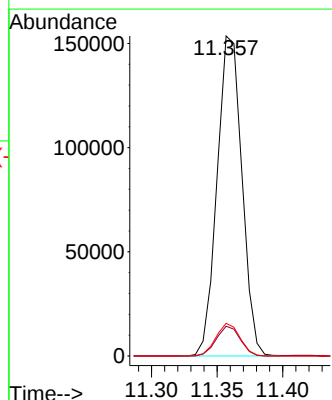
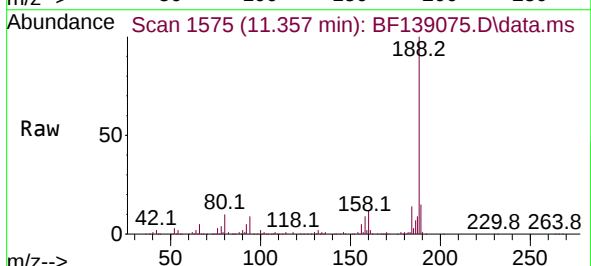
Manual Integrations
APPROVED

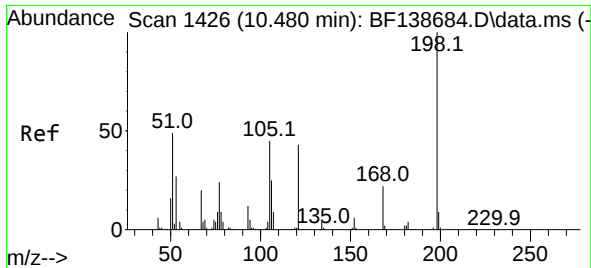
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:188 Resp: 202208
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 10.2 8.6 12.8





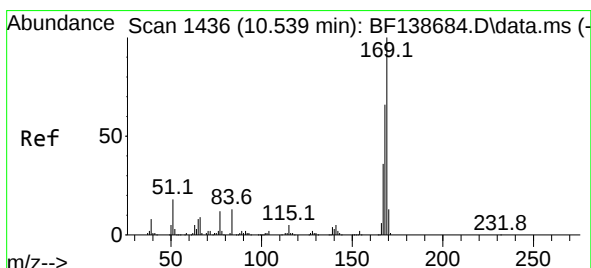
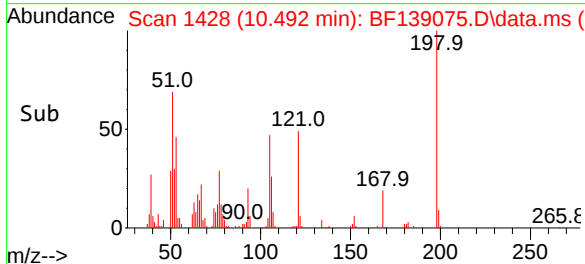
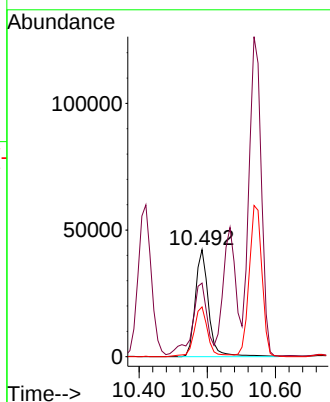
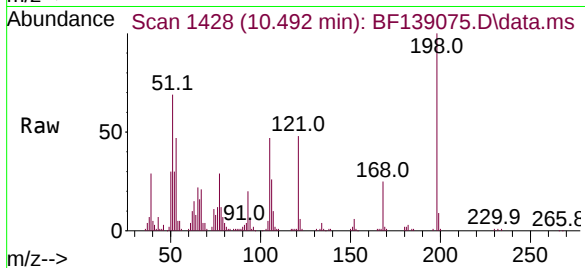
#65
4,6-Dinitro-2-methylphenol
Concen: 46.380 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :
BNA_F
ClientSampleId :
PB162688BS

Tgt Ion:198 Resp: 57210
Ion Ratio Lower Upper
198 100
51 68.8 39.9 79.9
105 46.6 26.1 66.1

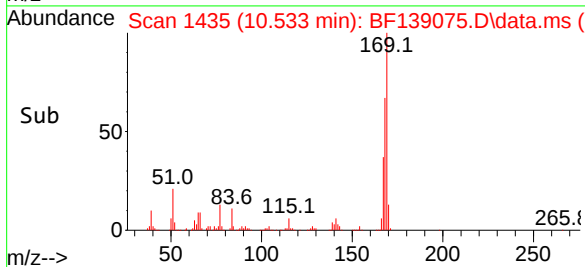
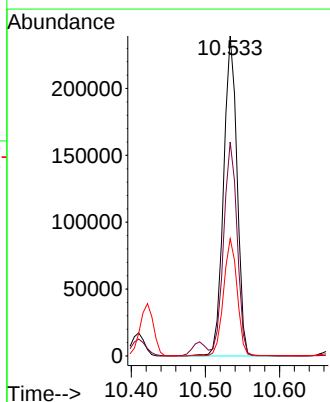
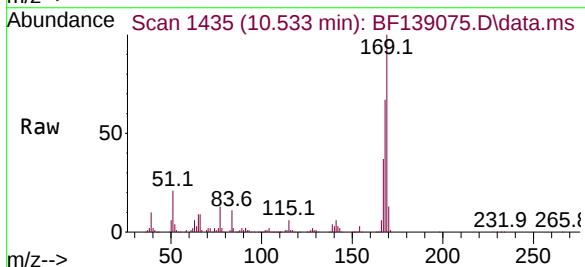
Manual Integrations
APPROVED

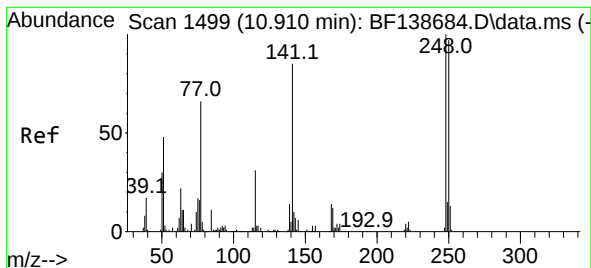
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#66
n-Nitrosodiphenylamine
Concen: 47.877 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

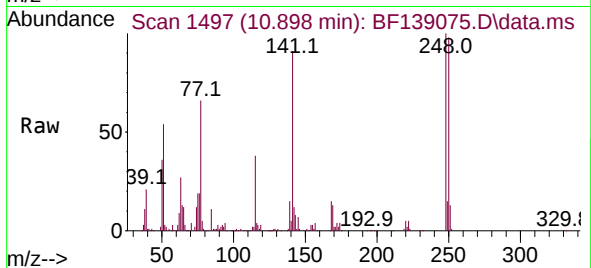
Tgt Ion:169 Resp: 302611
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.6
167 36.6 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.241 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

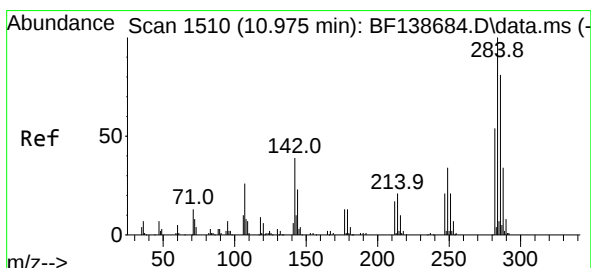
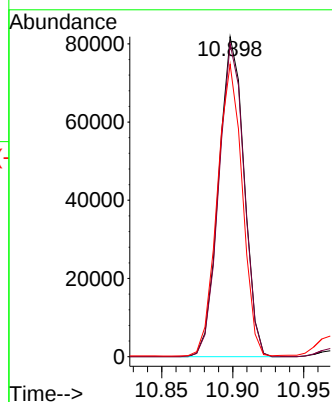
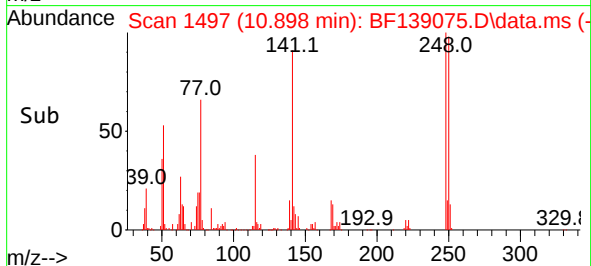
Instrument :
BNA_F
ClientSampleId :
PB162688BS



Tgt Ion:248 Resp: 101235
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 91.4 68.0 102.0

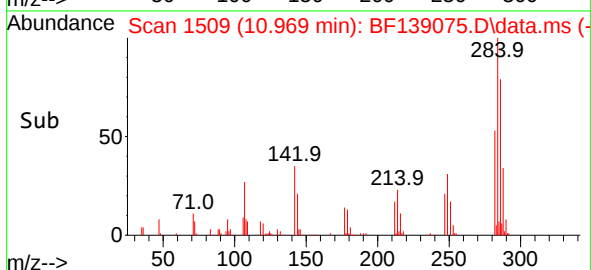
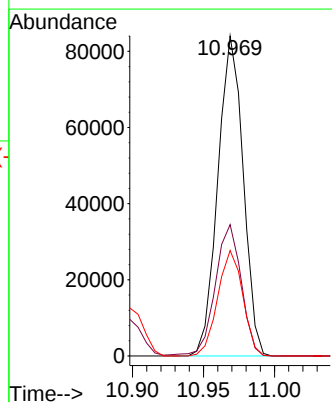
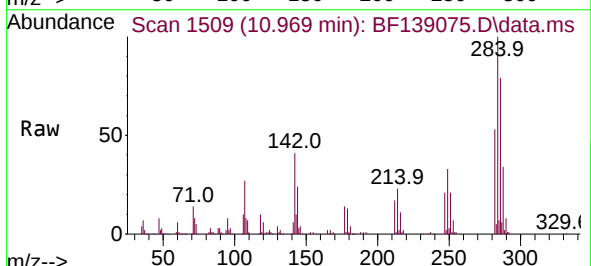
Manual Integrations
APPROVED

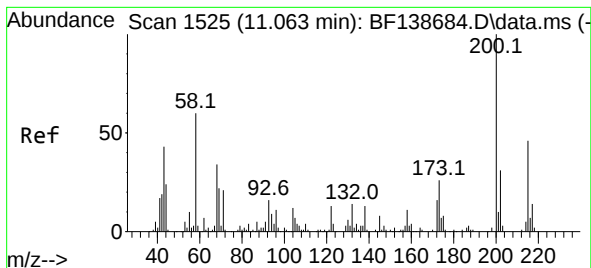
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#68
Hexachlorobenzene
Concen: 46.078 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:284 Resp: 104156
Ion Ratio Lower Upper
284 100
142 41.1 31.3 46.9
249 33.0 27.2 40.8





#69

Atrazine

Concen: 51.608 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

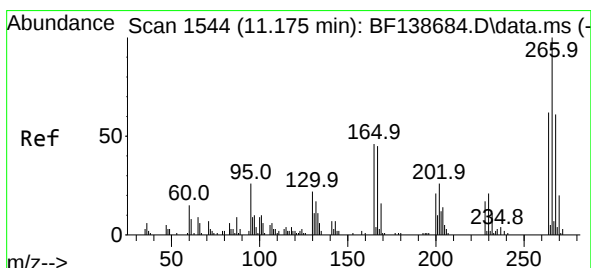
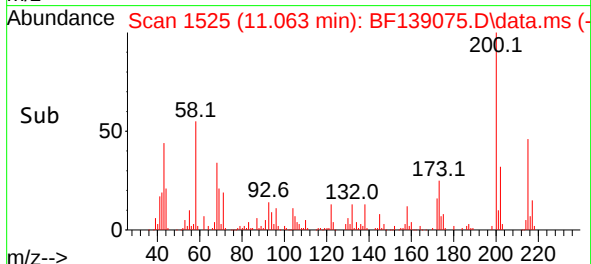
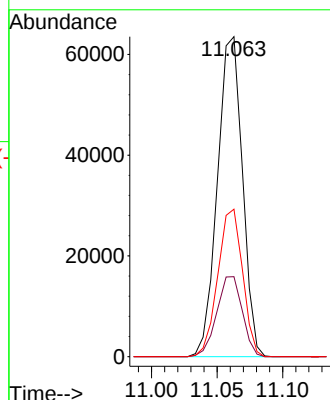
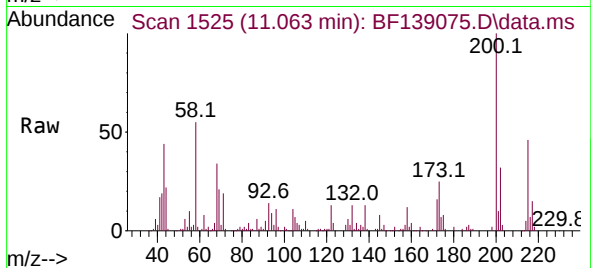
PB162688BS

Tgt Ion:	200	Resp:	84158
Ion Ratio	Lower	Upper	
200	100		
173	25.0	6.0	46.0
215	46.1	26.1	66.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#70

Pentachlorophenol

Concen: 59.266 ng

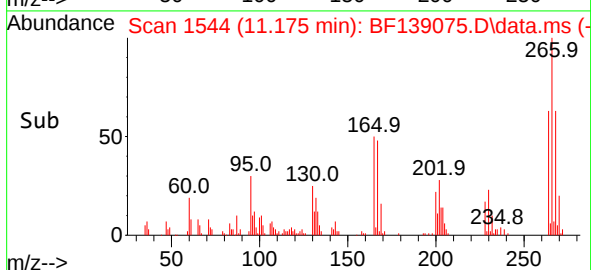
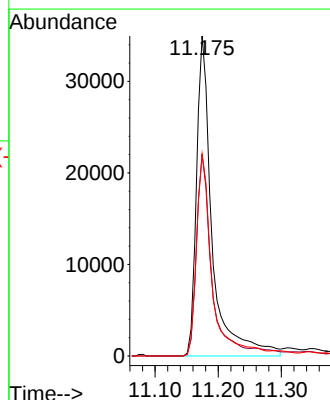
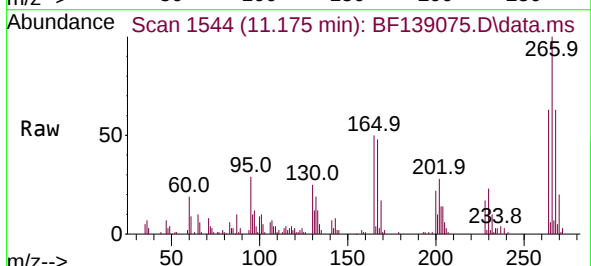
RT: 11.175 min Scan# 1544

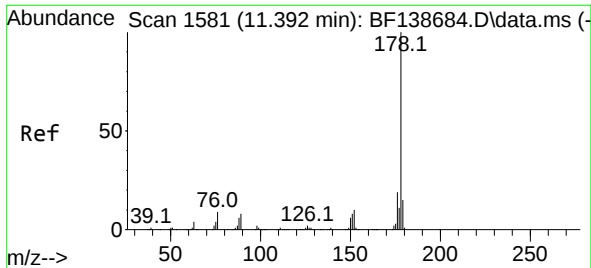
Delta R.T. -0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Tgt Ion:	266	Resp:	60385
Ion Ratio	Lower	Upper	
266	100		
268	63.0	49.2	73.8
264	63.2	49.8	74.6





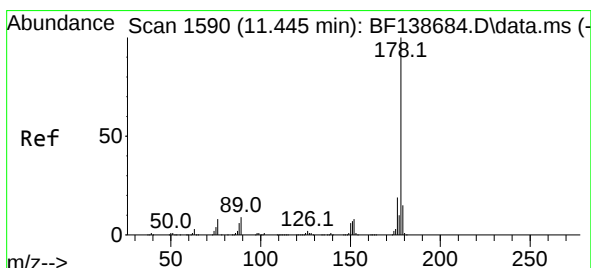
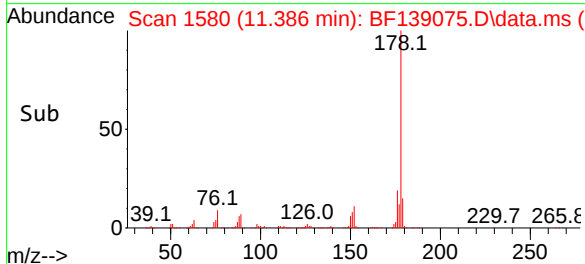
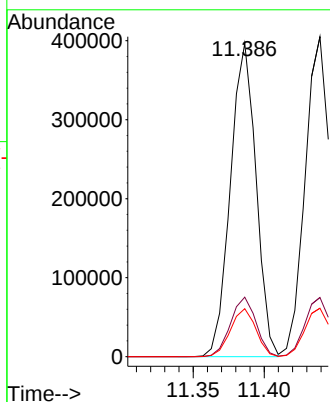
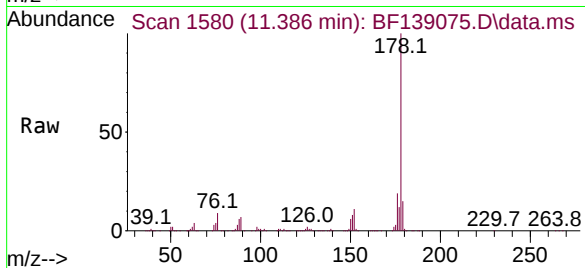
#71
Phenanthrene
Concen: 47.753 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :
BNA_F
ClientSampleId :
PB162688BS

Tgt Ion:178 Resp: 49721
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.3 12.2 18.2

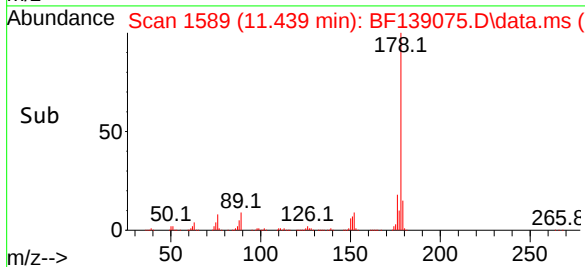
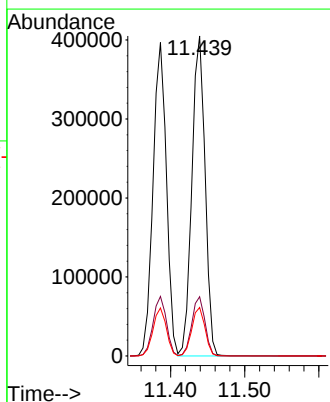
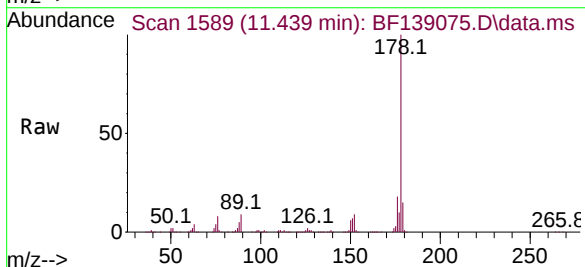
Manual Integrations
APPROVED

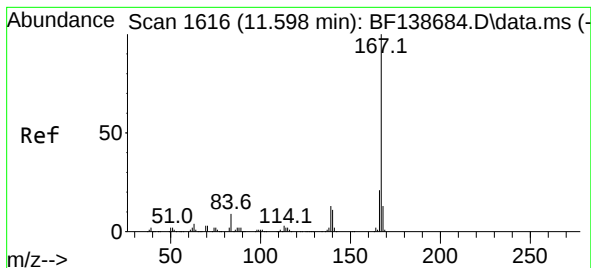
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#72
Anthracene
Concen: 48.869 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:178 Resp: 501270
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.2 12.4 18.6





#73

Carbazole

Concen: 45.731 ng

RT: 11.598 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BF139075.D

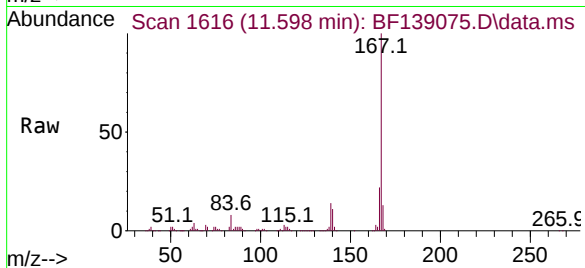
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

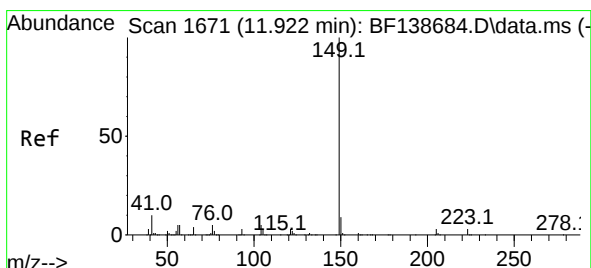
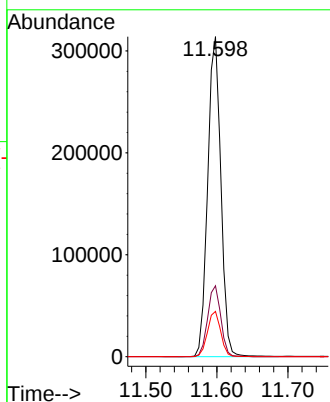
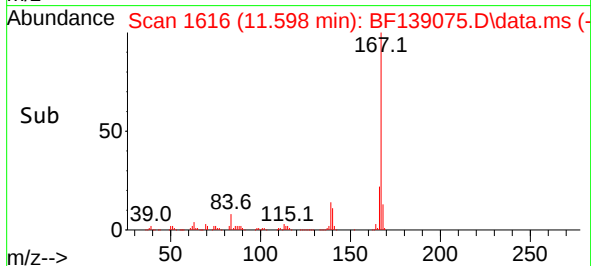


Tgt Ion:167	Resp: 40470
Ion Ratio	Lower Upper
167 100	
166 22.1	17.2 25.8
139 14.1	10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#74

Di-n-butylphthalate

Concen: 56.592 ng

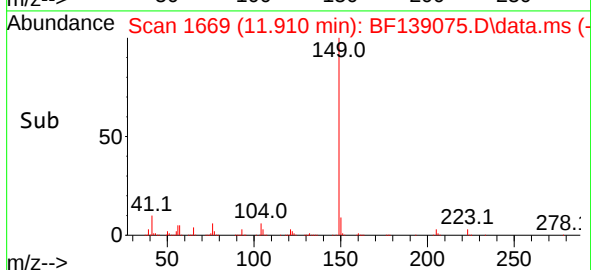
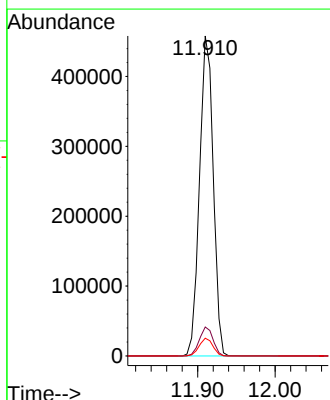
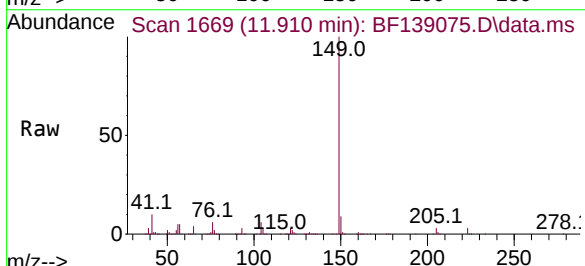
RT: 11.910 min Scan# 1669

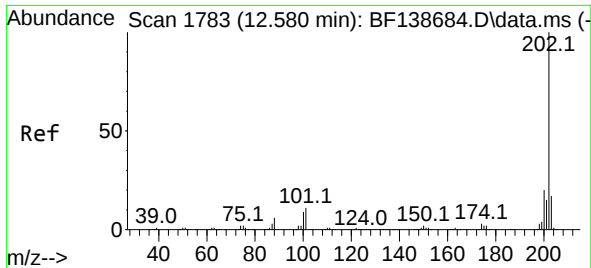
Delta R.T. -0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

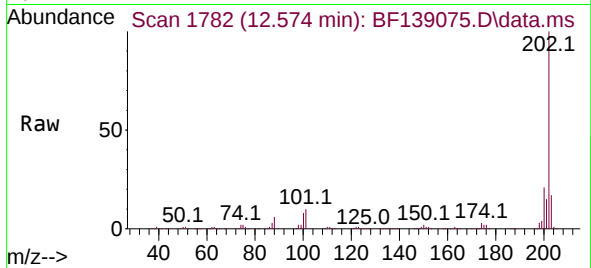
Tgt Ion:149	Resp: 562994
Ion Ratio	Lower Upper
149 100	
150 9.0	7.4 11.0
104 5.6	4.1 6.1





#75
Fluoranthene
Concen: 46.050 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

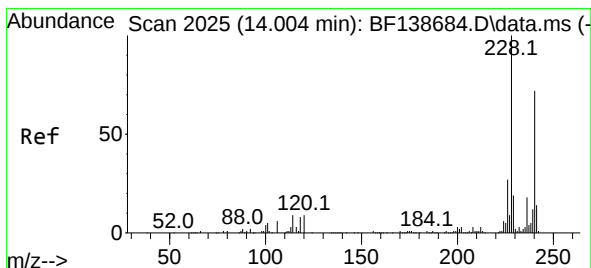
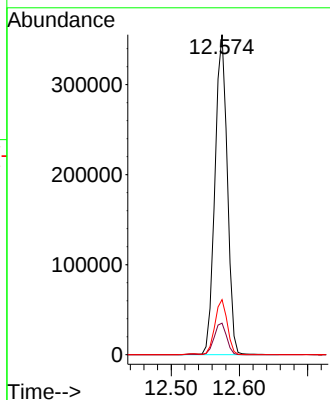
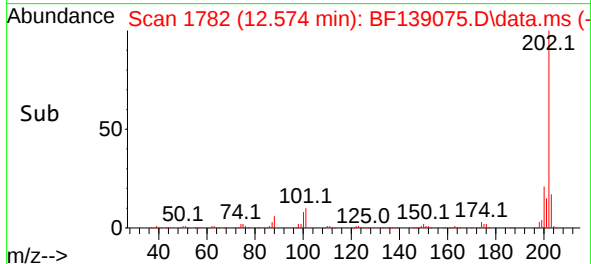
Instrument :
BNA_F
ClientSampleId :
PB162688BS



Tgt Ion:202 Resp: 447619
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.2
203 17.2 0.0 37.3

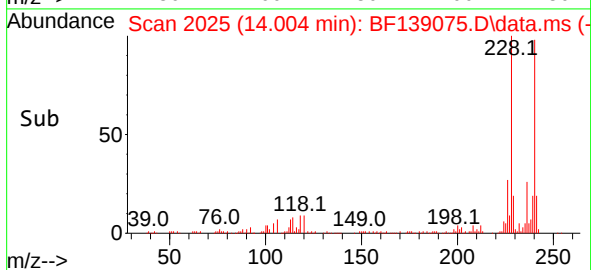
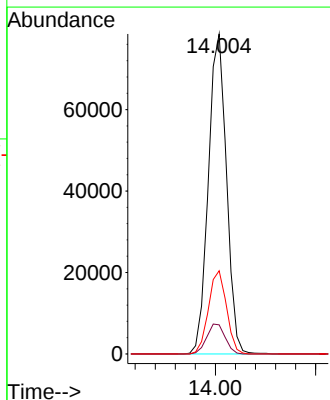
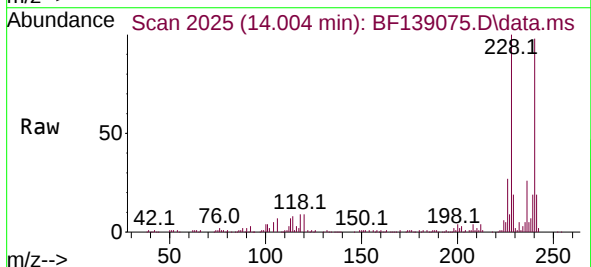
Manual Integrations
APPROVED

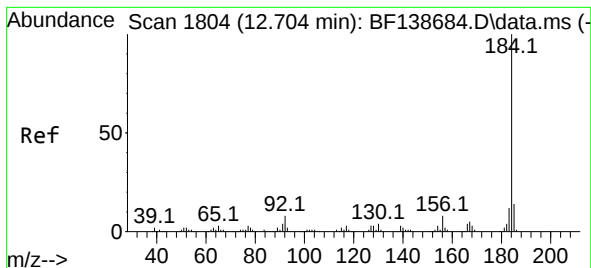
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:240 Resp: 98718
Ion Ratio Lower Upper
240 100
120 9.1 10.2 15.4#
236 26.0 19.8 29.8





#77

Benzidine

Concen: 10.106 ng

RT: 12.698 min Scan# 1803

Delta R.T. -0.006 min

Lab File: BF139075.D

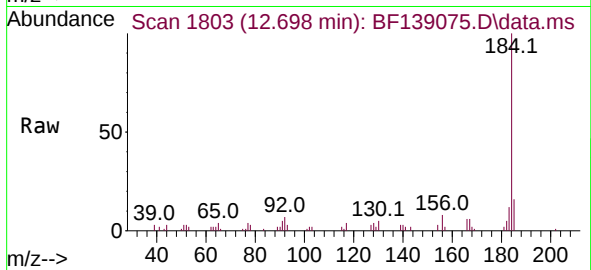
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

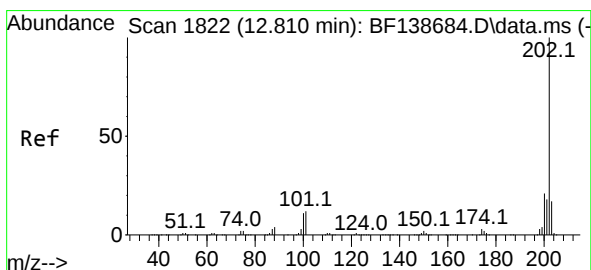
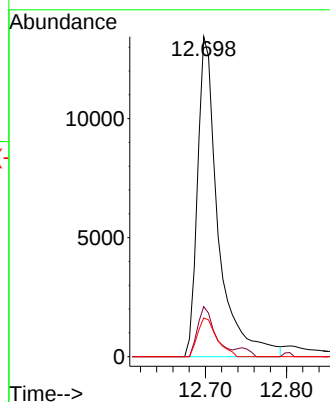
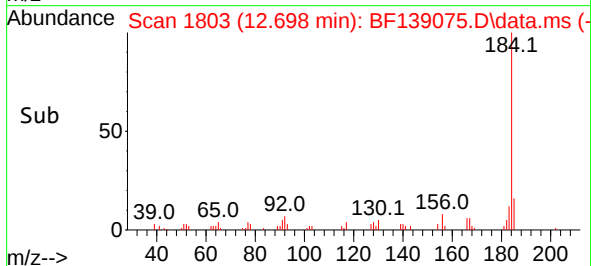


Tgt Ion:184	Resp:	2386
Ion Ratio	Lower	Upper
184	100	
185	15.7	11.1 16.7
183	12.1	9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#78

Pyrene

Concen: 47.041 ng

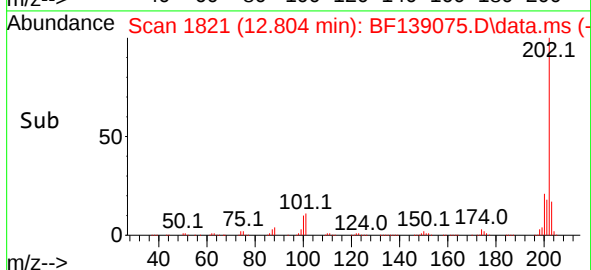
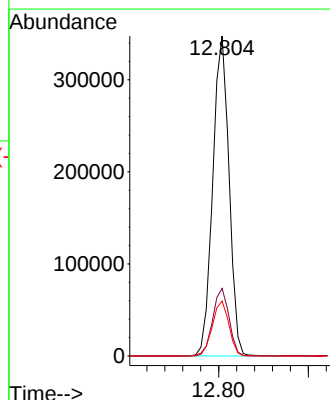
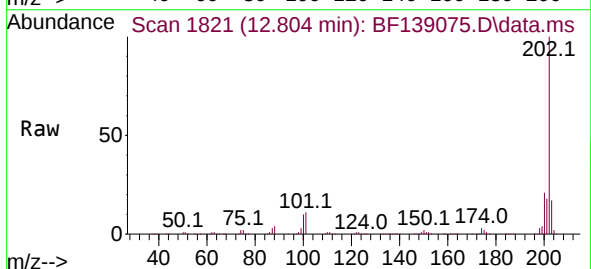
RT: 12.804 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Tgt Ion:202	Resp:	437225
Ion Ratio	Lower	Upper
202	100	
200	21.1	16.8 25.2
203	17.1	13.8 20.6





#79

Terphenyl-d14

Concen: 105.686 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139075.D

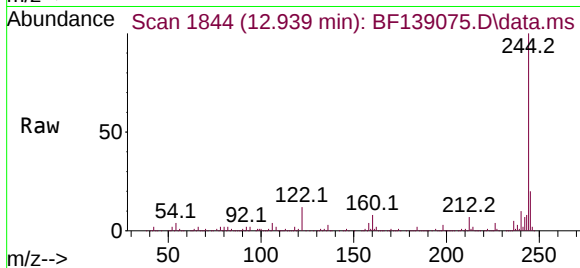
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

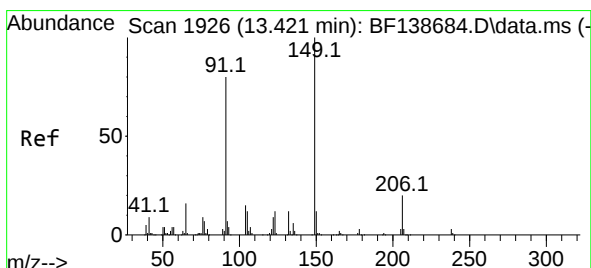
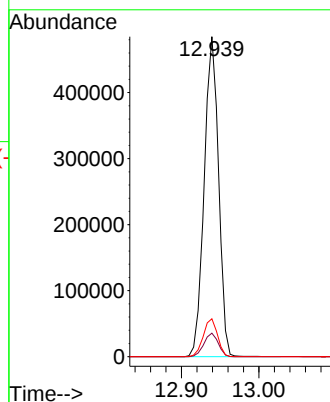
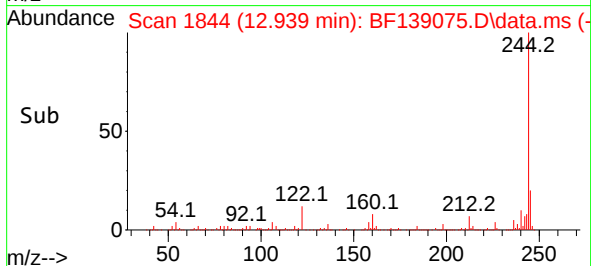


Tgt Ion:	244	Resp:	62314
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.2
122	11.8	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#80

Butylbenzylphthalate

Concen: 54.799 ng

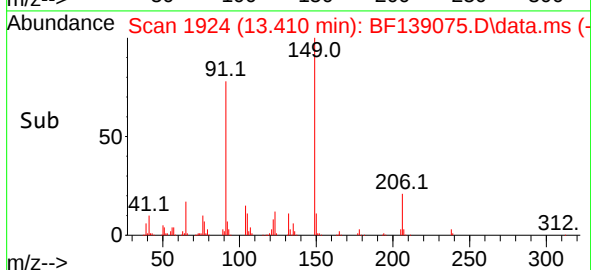
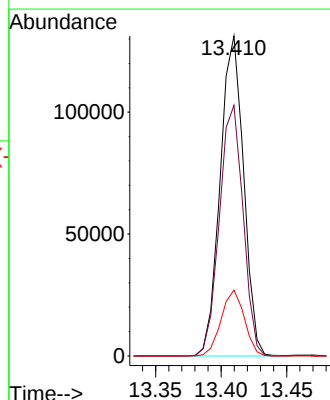
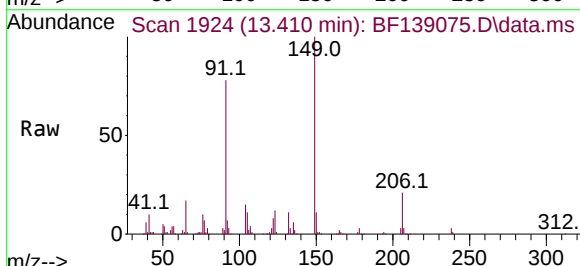
RT: 13.410 min Scan# 1924

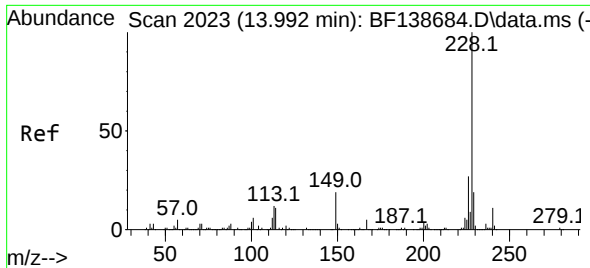
Delta R.T. -0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Tgt Ion:	149	Resp:	163104
Ion Ratio	Lower	Upper	
149	100		
91	78.3	63.7	95.5
206	20.6	16.2	24.2





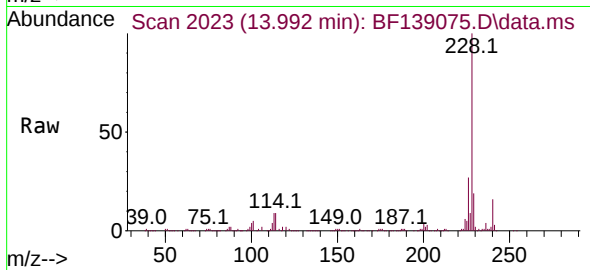
#81
Benzo(a)anthracene
Concen: 47.277 ng
RT: 13.992 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

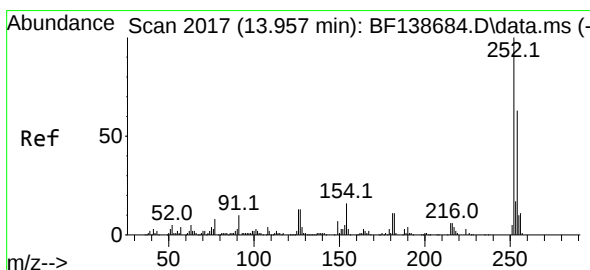
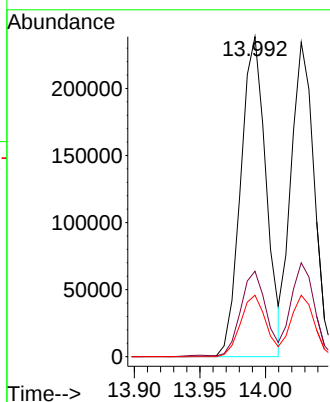
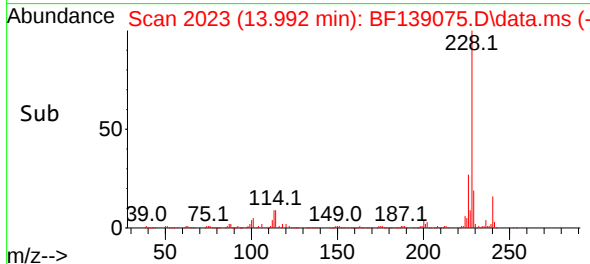


Tgt Ion:228 Resp: 32138
Ion Ratio Lower Upper
228 100
226 26.7 22.1 33.1
229 19.2 15.4 23.0

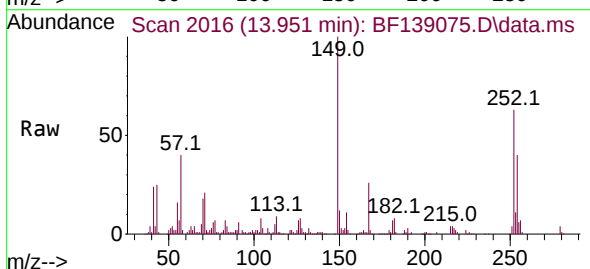
Manual Integrations

APPROVED

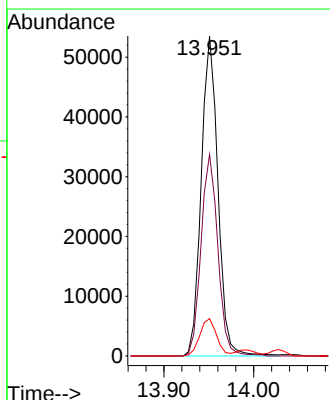
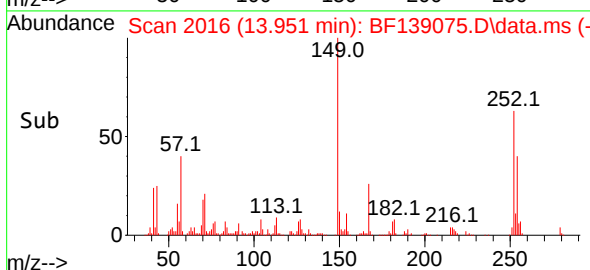
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#82
3,3'-Dichlorobenzidine
Concen: 39.774 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47



Tgt Ion:252 Resp: 69191
Ion Ratio Lower Upper
252 100
254 63.0 50.8 76.2
126 11.7 10.2 15.2





#83

Chrysene

Concen: 47.003 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

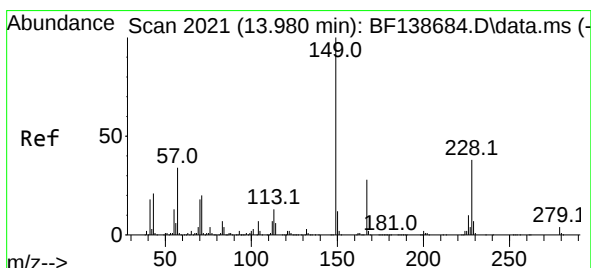
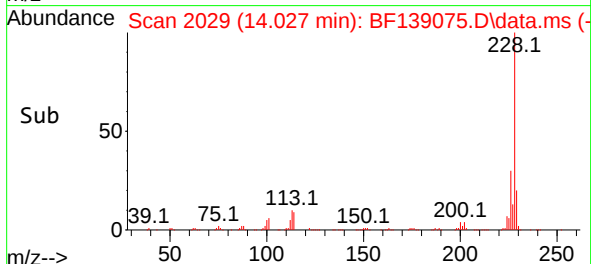
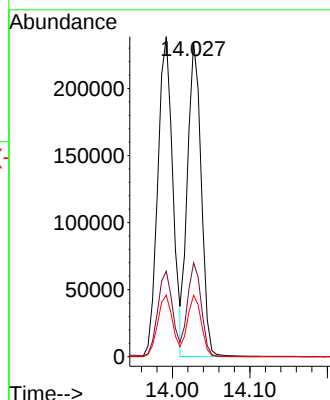
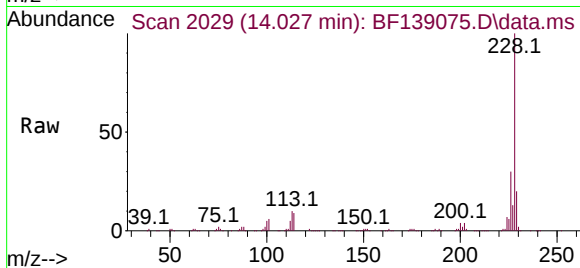
PB162688BS

Tgt Ion:	228	Resp:	28827
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.7	35.5
229	19.6	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.867 ng

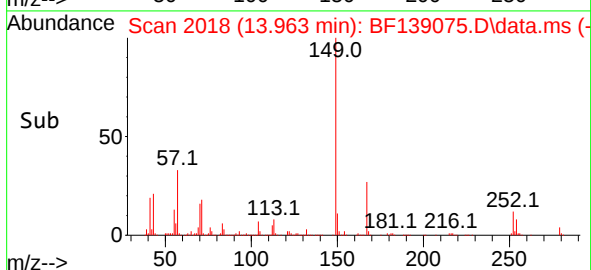
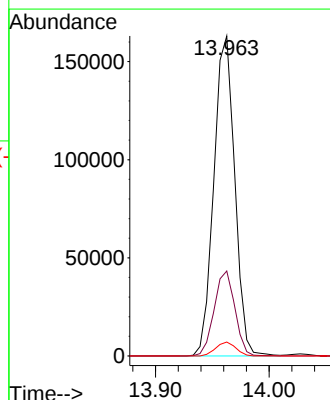
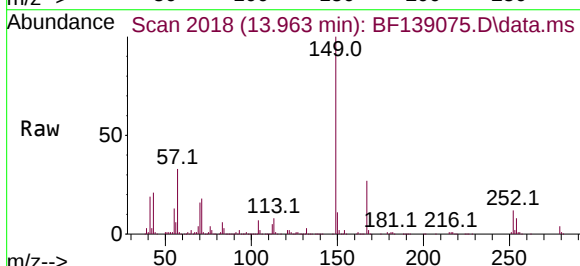
RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Tgt Ion:	149	Resp:	208625
Ion Ratio	Lower	Upper	
149	100		
167	26.6	22.2	33.4
279	4.4	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 41.955 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

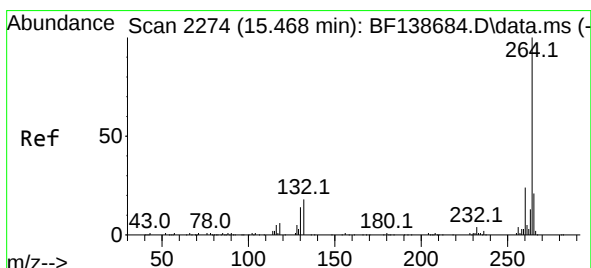
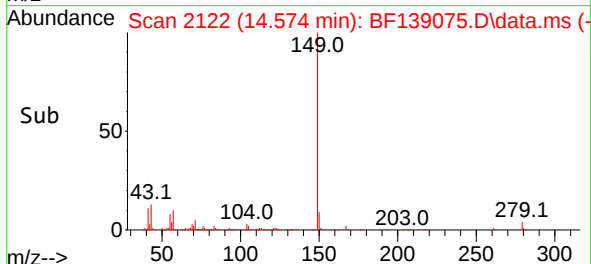
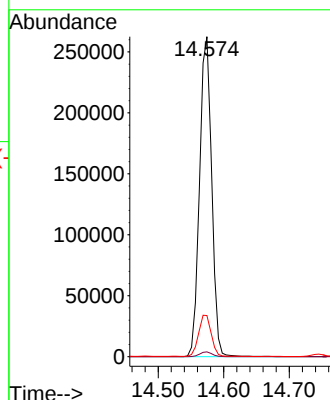
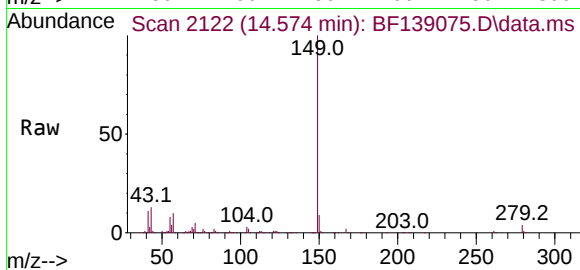
Tgt Ion:149 Resp: 33831

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	13.5	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

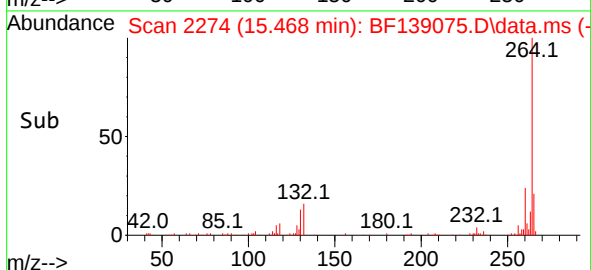
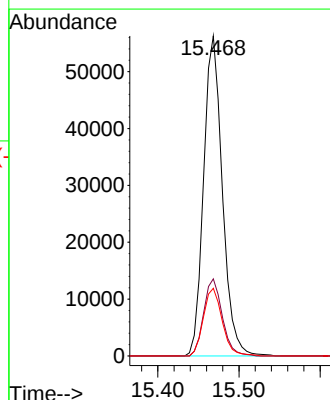
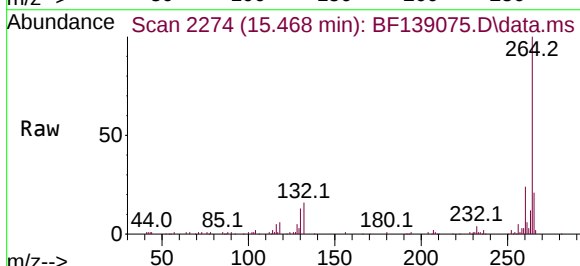
Delta R.T. 0.000 min

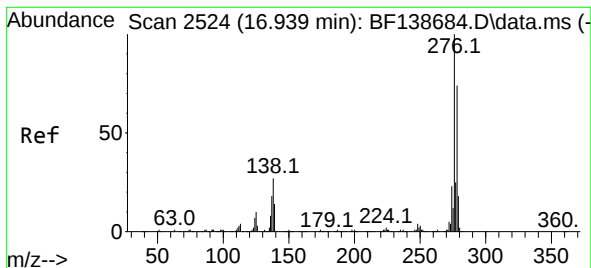
Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Tgt Ion:264 Resp: 90220

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.1	17.0	25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.299 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

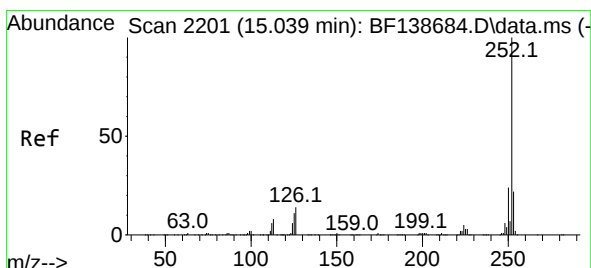
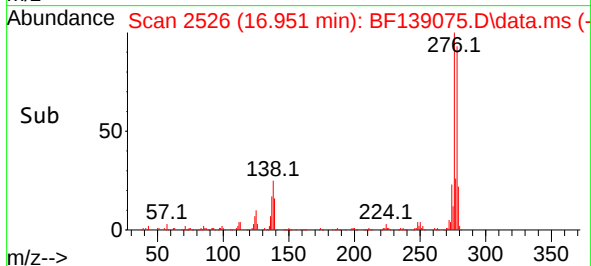
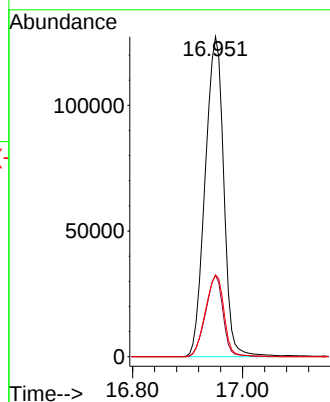
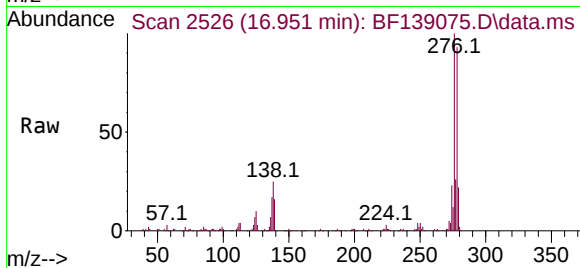
PB162688BS

Tgt Ion:	276	Resp:	29934
Ion Ratio	Lower	Upper	
276	100		
138	23.9	21.8	32.8
277	25.4	20.6	30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#88

Benzo(b)fluoranthene

Concen: 55.873 ng

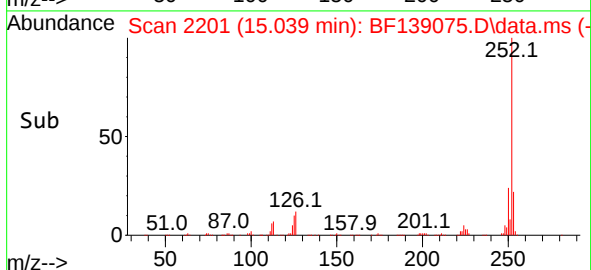
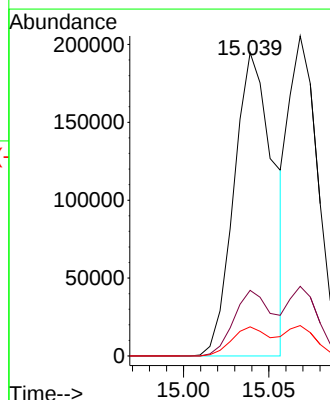
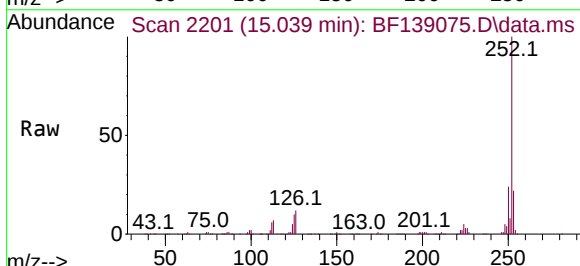
RT: 15.039 min Scan# 2201

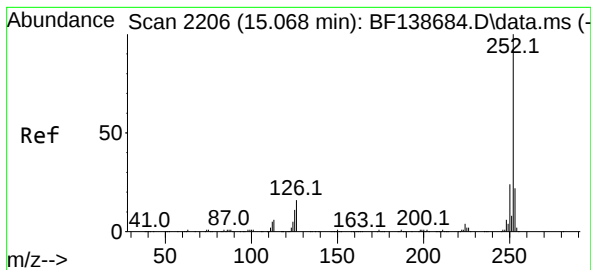
Delta R.T. 0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Tgt Ion:	252	Resp:	312486
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.5	26.3
125	9.6	8.9	13.3





#89

Benzo(k)fluoranthene

Concen: 51.190 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139075.D

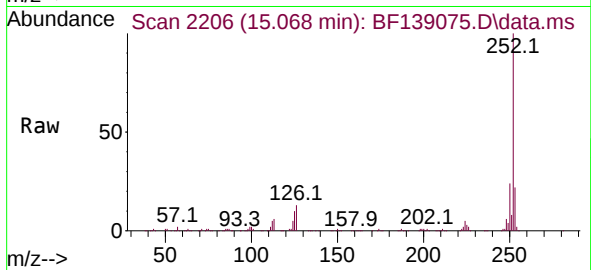
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS



Tgt Ion:252 Resp: 24787

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

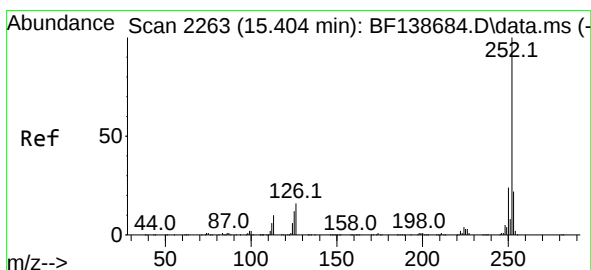
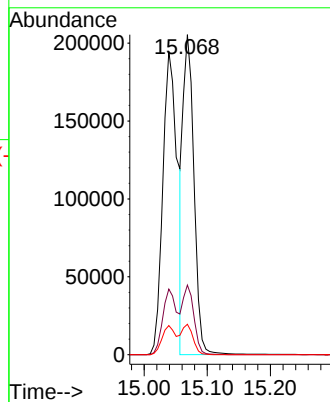
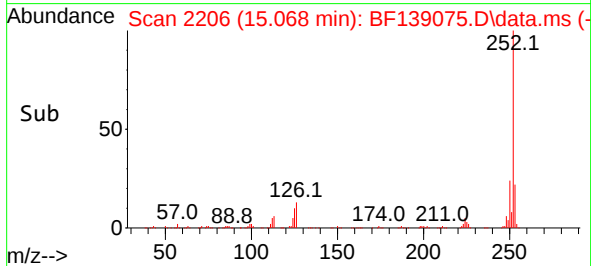
125 9.5 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024

Supervised By :mohammad ahmed 08/21/2024



#90

Benzo(a)pyrene

Concen: 55.744 ng

RT: 15.410 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

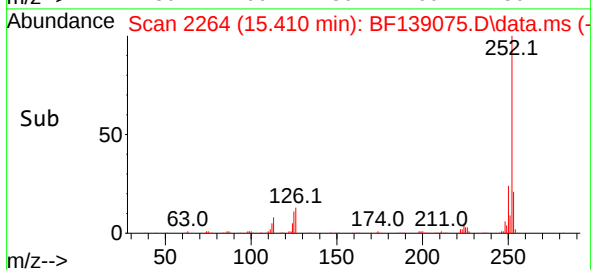
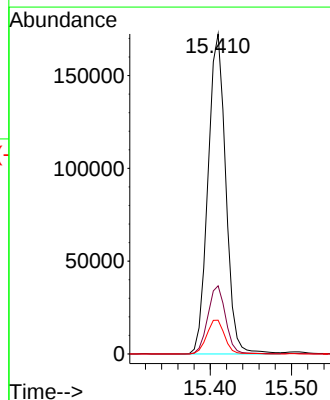
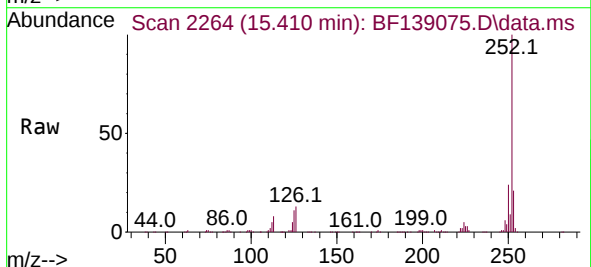
Tgt Ion:252 Resp: 262237

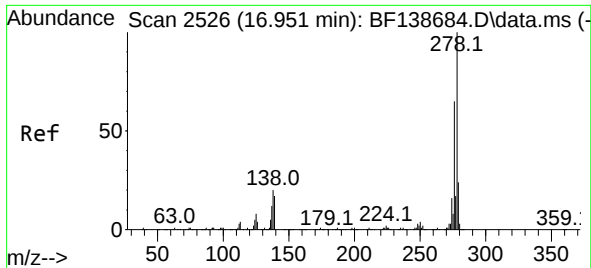
Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

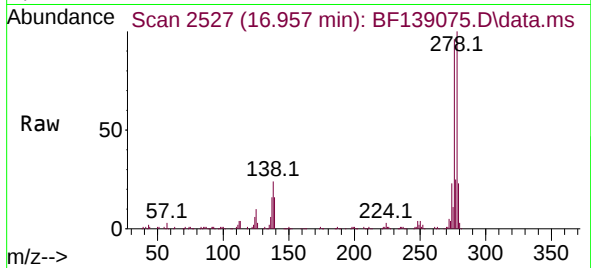
125 10.6 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 45.954 ng
RT: 16.957 min Scan# 2527
Delta R.T. 0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

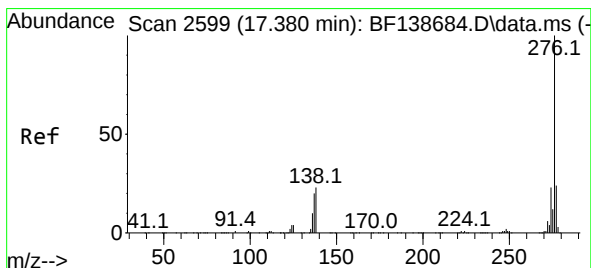
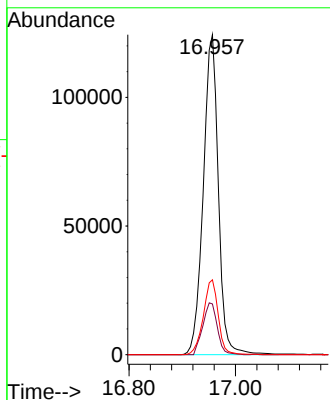
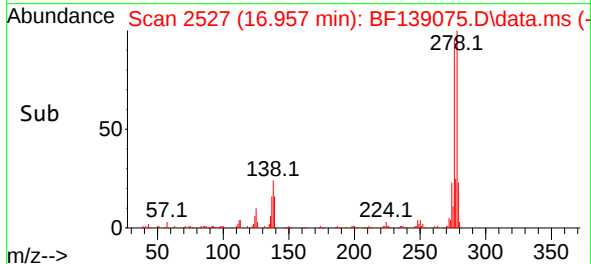
Instrument :
BNA_F
ClientSampleId :
PB162688BS



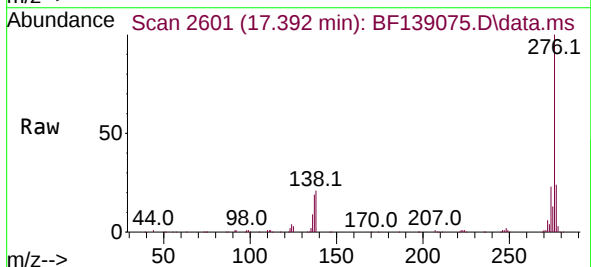
Tgt Ion: 278 Resp: 243892
Ion Ratio Lower Upper
278 100
139 15.8 14.0 21.0
279 23.4 19.0 28.4

Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 08/20/2024
Supervised By : mohammad ahmed 08/21/2024



#92
Benzo(g,h,i)perylene
Concen: 40.059 ng
RT: 17.392 min Scan# 2601
Delta R.T. 0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47



Tgt Ion: 276 Resp: 220624
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 21.1 18.5 27.7

