

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139015.D
 Acq On : 15 Aug 2024 11:15
 Operator : RC/JU
 Sample : PB162727BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162727BS

Quant Time: Aug 15 12:31:39 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	46170	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	190934	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	108880	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	185241	20.000	ng	0.00
76) Chrysene-d12	14.004	240	95091	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	86651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	399264	133.490	ng	0.01
7) Phenol-d6	6.492	99	523333	130.323	ng	0.00
23) Nitrobenzene-d5	7.410	82	343110	87.858	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	120229	134.805	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	629342	86.846	ng	-0.01
79) Terphenyl-d14	12.939	244	578100	101.786	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	42927	32.782	ng	# 94
3) Pyridine	3.446	79	107533	33.900	ng	92
4) n-Nitrosodimethylamine	3.404	42	105190	55.679	ng	# 80
6) Aniline	6.504	93	114255	31.904	ng	# 1
8) 2-Chlorophenol	6.634	128	152887	48.585	ng	98
9) Benzaldehyde	6.393	77	65206	27.088	ng	98
10) Phenol	6.504	94	197972	46.824	ng	82
11) bis(2-Chloroethyl)ether	6.575	93	145308	44.661	ng	99
12) 1,3-Dichlorobenzene	6.775	146	160157	45.467	ng	97
13) 1,4-Dichlorobenzene	6.857	146	161514	45.435	ng	98
14) 1,2-Dichlorobenzene	7.004	146	154286	46.440	ng	99
15) Benzyl Alcohol	6.992	79	148407	51.276	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	252628	45.118	ng	# 48
17) 2-Methylphenol	7.104	107	122402	47.105	ng	# 83
18) Hexachloroethane	7.345	117	61589	46.027	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	119613	49.317	ng	97
20) 3+4-Methylphenols	7.263	107	166317	49.886	ng	# 73
22) Acetophenone	7.251	105	213743	45.720	ng	99
24) Nitrobenzene	7.428	77	181348	45.635	ng	98
25) Isophorone	7.663	82	312653	46.886	ng	97
26) 2-Nitrophenol	7.739	139	81935	47.924	ng	91
27) 2,4-Dimethylphenol	7.781	122	104392	51.033	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	180222	44.380	ng	99
29) 2,4-Dichlorophenol	7.992	162	126680	48.193	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	135085	44.532	ng	99
31) Naphthalene	8.145	128	451578	44.932	ng	99
32) Benzoic acid	7.939	122	56423	35.089	ng	92
33) 4-Chloroaniline	8.198	127	98460	29.185	ng	96
34) Hexachlorobutadiene	8.251	225	82429	44.863	ng	99
35) Caprolactam	8.581	113	37222m	47.457	ng	
36) 4-Chloro-3-methylphenol	8.692	107	150239	50.012	ng	98
37) 2-Methylnaphthalene	8.834	142	296580	46.726	ng	99
38) 1-Methylnaphthalene	8.928	142	273840	44.028	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	125438	41.473	ng	98
41) Hexachlorocyclopentadiene	8.975	237	65947	82.170	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	81944	44.436	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	89481	44.385	ng	97
46) 1,1'-Biphenyl	9.292	154	352245	41.308	ng	99
47) 2-Chloronaphthalene	9.322	162	275789	43.486	ng	98
48) 2-Nitroaniline	9.428	65	108173	50.312	ng	94
49) Acenaphthylene	9.739	152	437443	48.632	ng	99
50) Dimethylphthalate	9.598	163	340432	48.899	ng	100
51) 2,6-Dinitrotoluene	9.669	165	73633	46.865	ng	# 85
52) Acenaphthene	9.910	154	267062	44.168	ng	100
53) 3-Nitroaniline	9.839	138	50880	31.325	ng	95
54) 2,4-Dinitrophenol	9.963	184	63545	87.859	ng	# 85
55) Dibenzofuran	10.081	168	402160	47.117	ng	98
56) 4-Nitrophenol	10.028	139	69650	71.309	ng	86
57) 2,4-Dinitrotoluene	10.081	165	100227	49.999	ng	# 78
58) Fluorene	10.422	166	326727	48.070	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	74219	48.155	ng	96
60) Diethylphthalate	10.298	149	330559	50.076	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	158931	47.543	ng	96
62) 4-Nitroaniline	10.463	138	68832m	44.594	ng	
63) Azobenzene	10.575	77	348134	47.551	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	53981	47.765	ng	92
66) n-Nitrosodiphenylamine	10.533	169	278736	48.139	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	92310	46.027	ng	99
68) Hexachlorobenzene	10.969	284	95034	45.893	ng	98
69) Atrazine	11.063	200	81158	54.327	ng	96
70) Pentachlorophenol	11.175	266	64581	69.190	ng	96
71) Phenanthrene	11.386	178	466051	48.860	ng	99
72) Anthracene	11.439	178	468917	49.902	ng	100
73) Carbazole	11.598	167	381172	47.018	ng	99
74) Di-n-butylphthalate	11.916	149	480287	52.700	ng	99
75) Fluoranthene	12.574	202	410117	46.056	ng	99
77) Benzidine	12.698	184	24671m	10.847	ng	
78) Pyrene	12.804	202	411952	46.012	ng	100
80) Butylbenzylphthalate	13.410	149	144283	50.325	ng	100
81) Benzo(a)anthracene	13.992	228	298189	45.538	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	59576	35.553	ng	99
83) Chrysene	14.033	228	283170	47.932	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	179628	42.786	ng	98
85) Di-n-octyl phthalate	14.574	149	305337	39.309	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	304209	48.989	ng	96
88) Benzo(b)fluoranthene	15.045	252	274578	51.117	ng	98
89) Benzo(k)fluoranthene	15.074	252	250613	53.887	ng	98
90) Benzo(a)pyrene	15.410	252	243665	53.929	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	244606	47.986	ng	99
92) Benzo(g,h,i)perylene	17.398	276	235847	44.587	ng	95

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



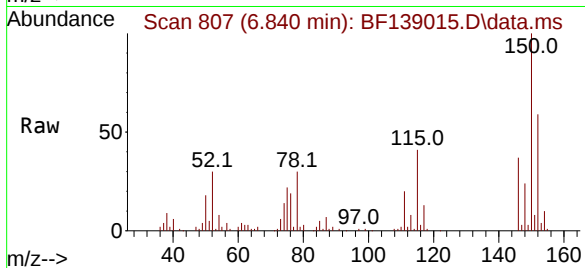
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF139015.D
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Instrument :

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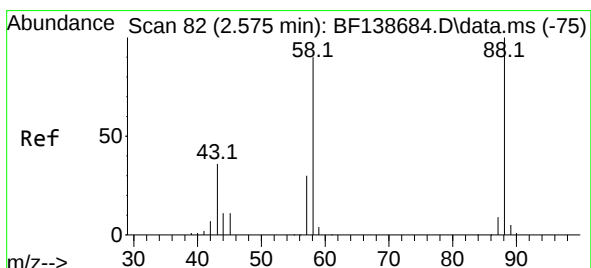
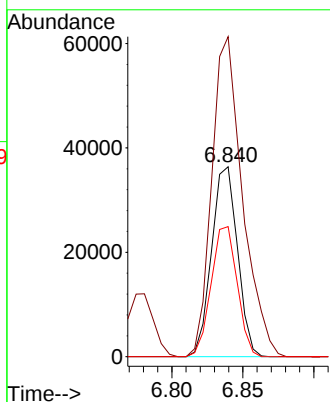
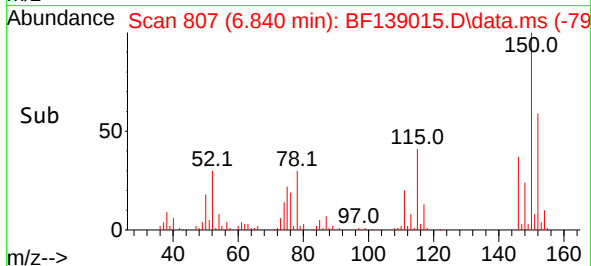


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Ion Ratio Lower Upper
152 100
150 168.5 126.0 189.0
115 68.4 51.7 77.5

Manual Integrations

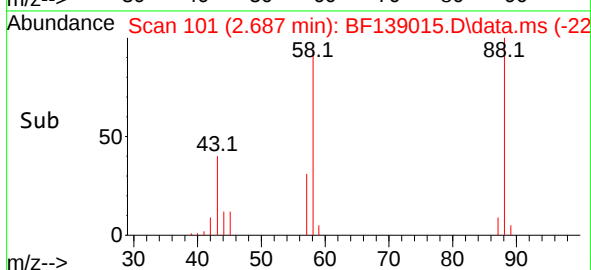
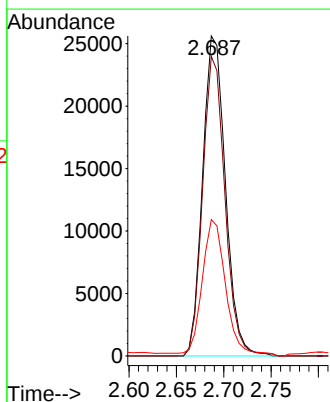
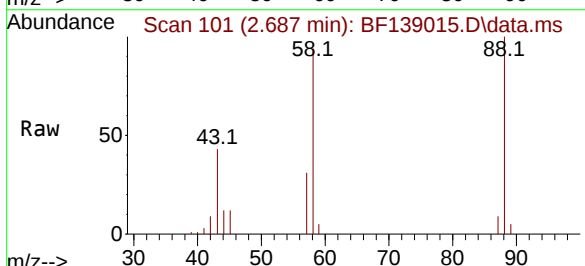
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Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#2
1,4-Dioxane
Concen: 32.782 ng
RT: 2.687 min Scan# 101
Delta R.T. 0.112 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion: 88 Resp: 42927
Ion Ratio Lower Upper
88 100
58 91.4 71.6 107.4
43 44.3 28.7 43.1#





#3
Pyridine
Concen: 33.900 ng
RT: 3.446 min Scan# 211
Delta R.T. 0.112 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

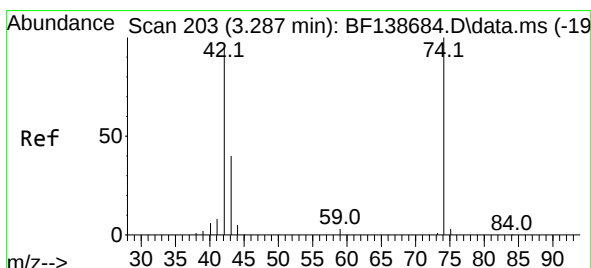
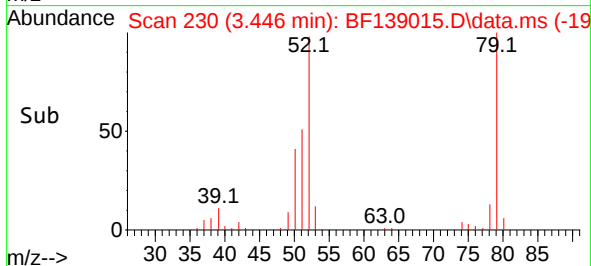
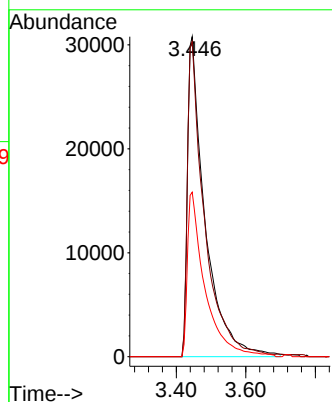
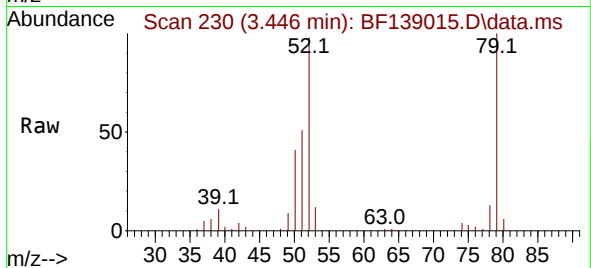
ClientSampleId :

PB162727BS

Tgt Ion: 79 Resp: 10753
Ion Ratio Lower Upper
79 100
52 98.5 74.7 112.1
51 51.4 34.6 51.8

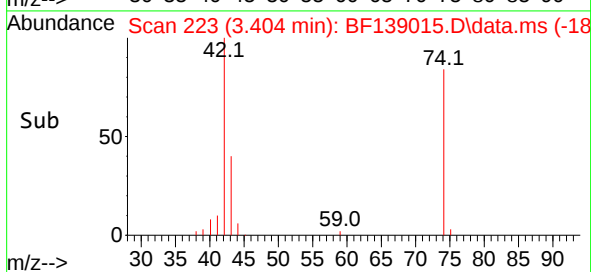
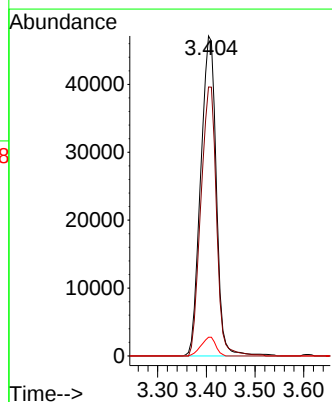
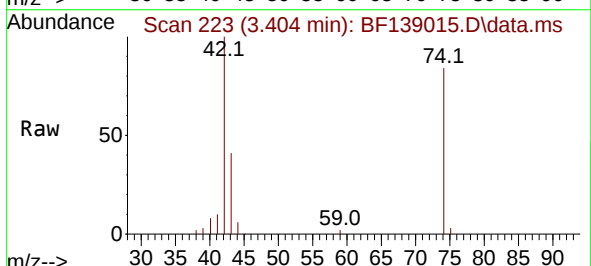
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#4
n-Nitrosodimethylamine
Concen: 55.679 ng
RT: 3.404 min Scan# 223
Delta R.T. 0.118 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion: 42 Resp: 105190
Ion Ratio Lower Upper
42 100
74 84.0 84.2 126.4#
44 5.8 4.9 7.3





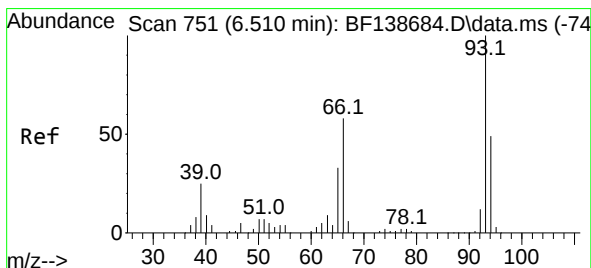
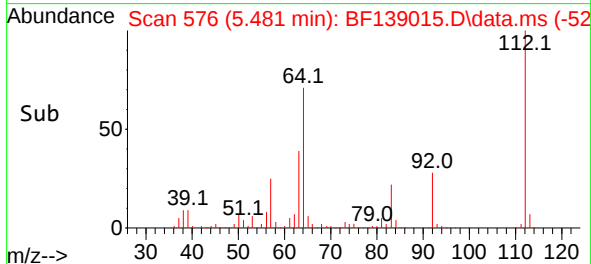
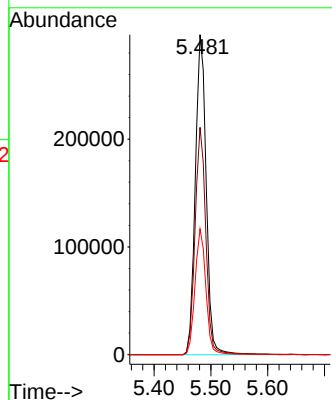
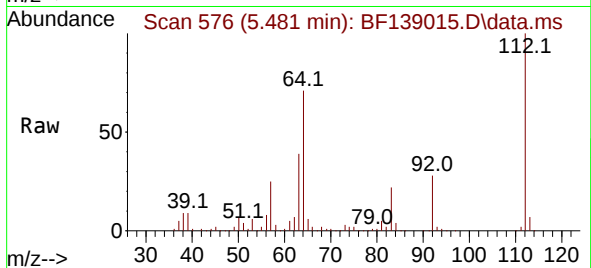
#5
2-Fluorophenol
Concen: 133.490 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :
BNA_F
ClientSampleId :
PB162727BS

Tgt Ion:112 Resp: 399264
Ion Ratio Lower Upper
112 100
64 71.0 54.2 81.4
63 39.3 28.7 43.1

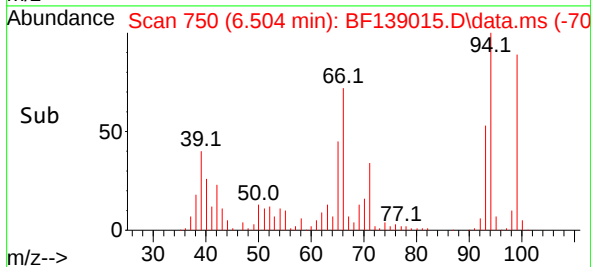
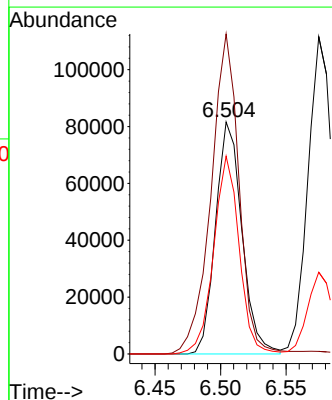
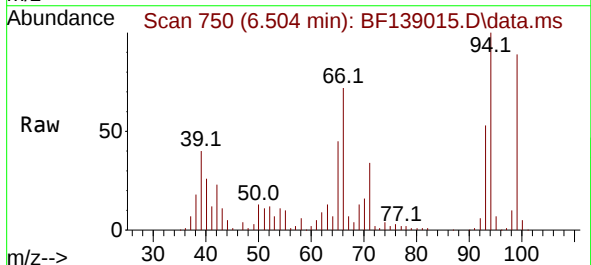
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#6
Aniline
Concen: 31.904 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

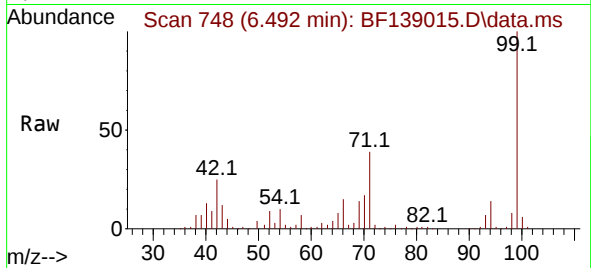
Tgt Ion: 93 Resp: 114255
Ion Ratio Lower Upper
93 100
66 137.9 46.9 70.3#
65 85.3 26.5 39.7#





#7
Phenol-d6
Concen: 130.323 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

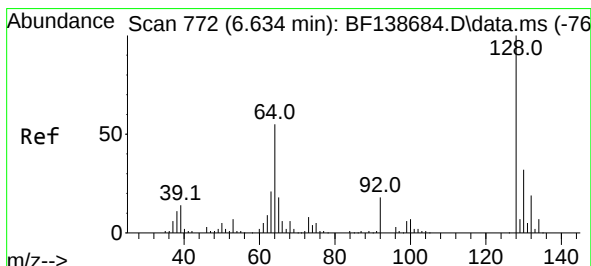
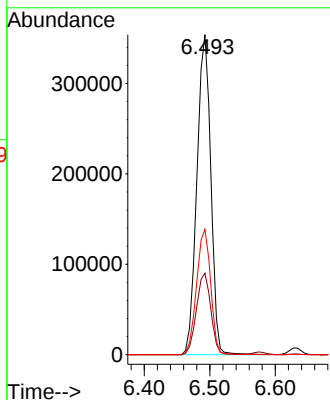
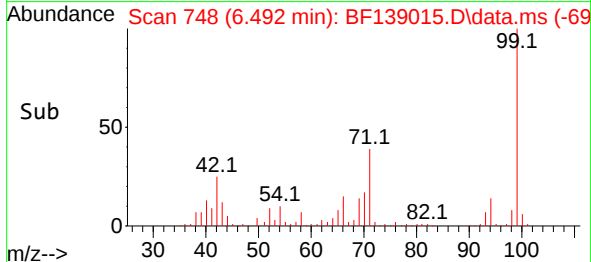
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ClientSampleId :
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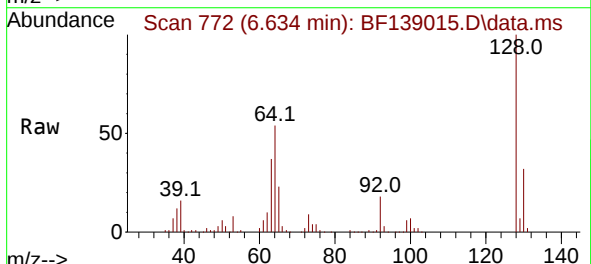
Tgt Ion: 99 Resp: 52333
Ion Ratio Lower Upper
99 100
42 25.4 17.4 26.0
71 39.2 28.1 42.1

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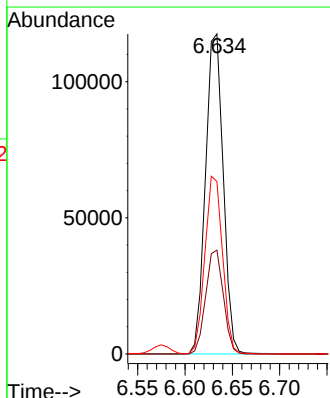
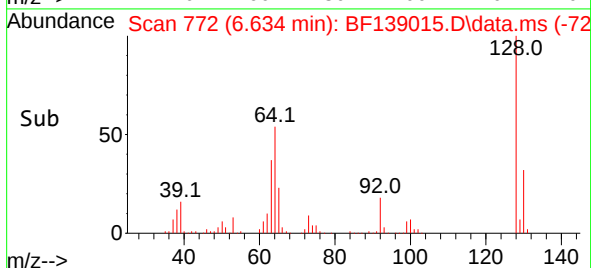
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#8
2-Chlorophenol
Concen: 48.585 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15



Tgt Ion:128 Resp: 152887
Ion Ratio Lower Upper
128 100
130 32.4 12.0 52.0
64 53.9 36.3 76.3





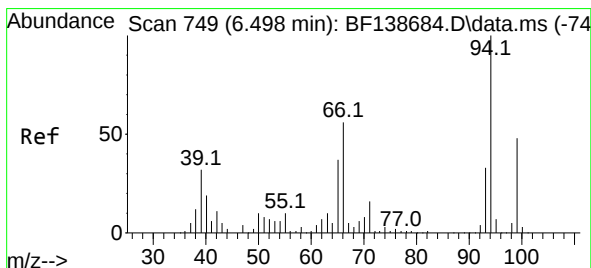
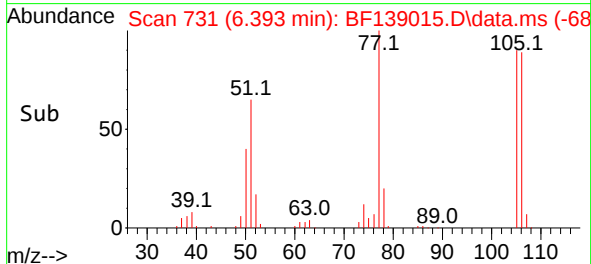
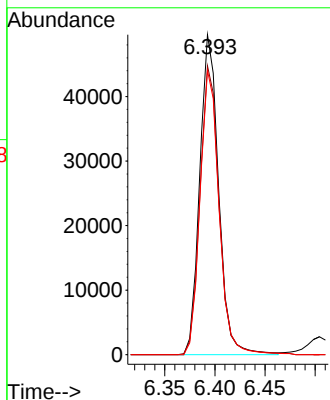
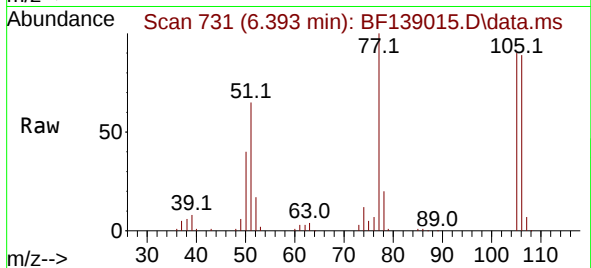
#9
Benzaldehyde
Concen: 27.088 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :
BNA_F
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PB162727BS

Tgt Ion: 77 Resp: 65200
Ion Ratio Lower Upper
77 100
105 90.3 72.9 112.9
106 88.8 68.4 108.4

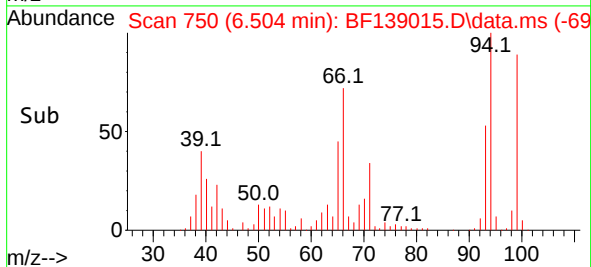
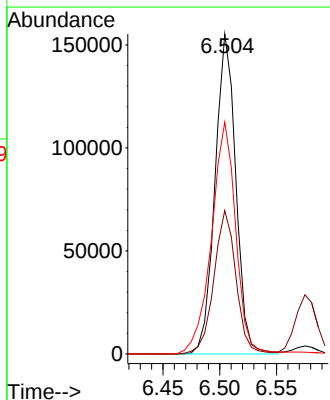
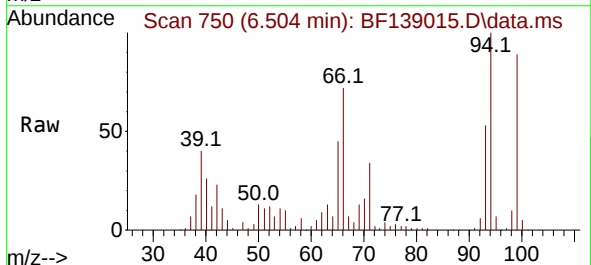
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#10
Phenol
Concen: 46.824 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion: 94 Resp: 197972
Ion Ratio Lower Upper
94 100
65 44.8 16.9 56.9
66 72.5 36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 44.661 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

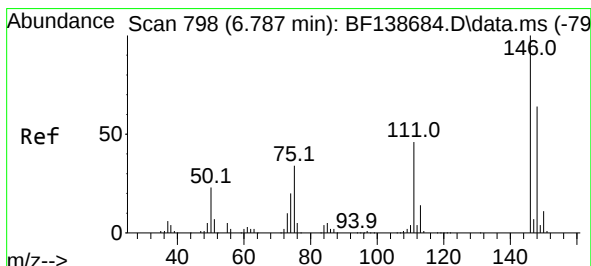
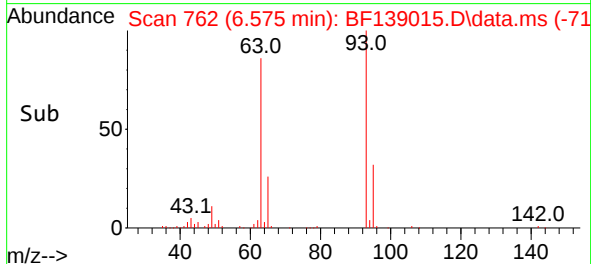
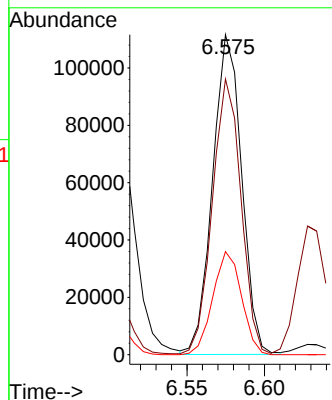
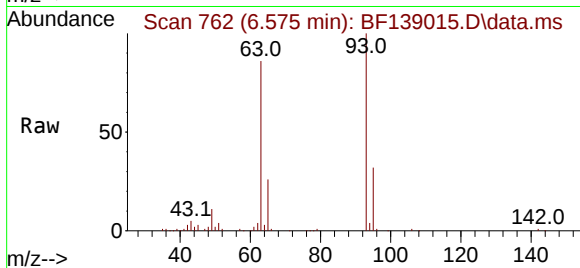
PB162727BS

Tgt Ion: 93 Resp: 145308
Ion Ratio Lower Upper
93 100
63 86.2 65.3 105.3
95 32.2 12.4 52.4

Manual Integrations

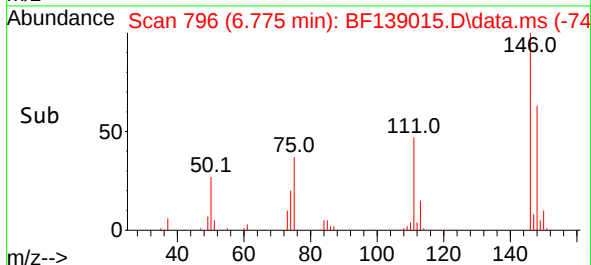
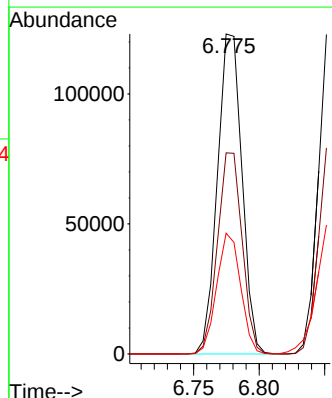
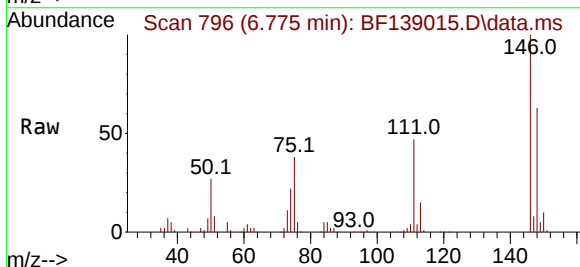
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#12
1,3-Dichlorobenzene
Concen: 45.467 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion:146 Resp: 160157
Ion Ratio Lower Upper
146 100
148 62.8 51.2 76.8
75 37.7 27.4 41.2





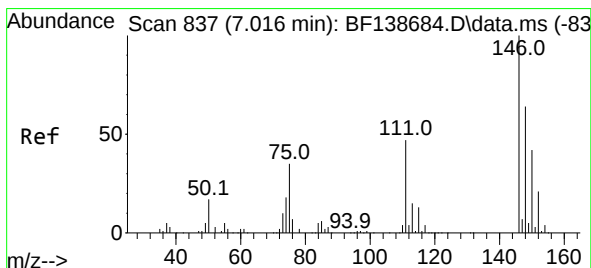
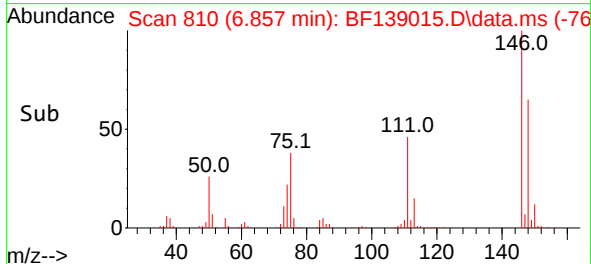
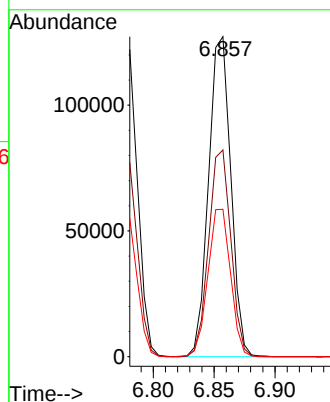
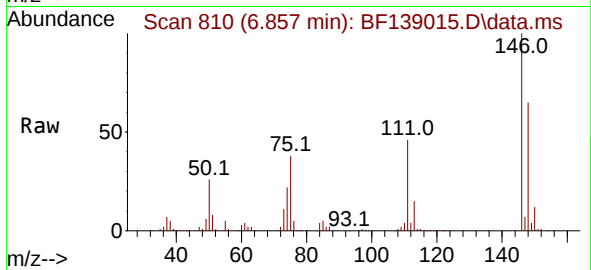
#13
1,4-Dichlorobenzene
Concen: 45.435 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :
BNA_F
ClientSampleId :
PB162727BS

Tgt Ion:146 Resp: 161514
Ion Ratio Lower Upper
146 100
148 64.6 50.2 75.2
111 46.0 35.9 53.9

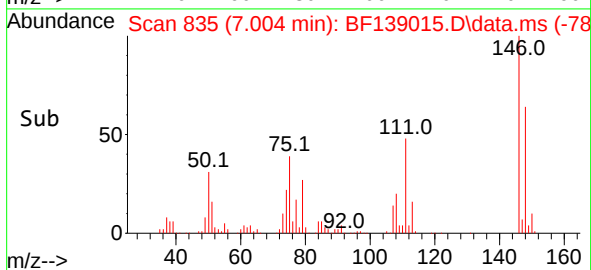
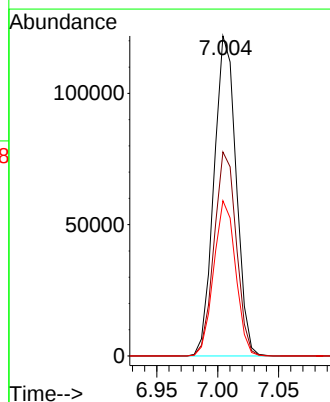
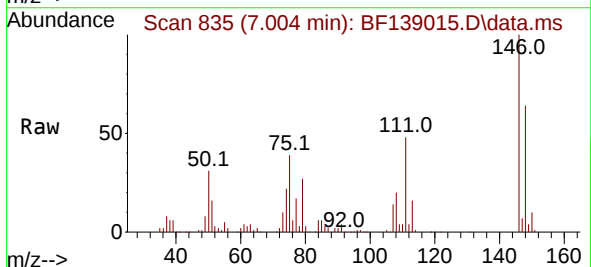
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#14
1,2-Dichlorobenzene
Concen: 46.440 ng
RT: 7.004 min Scan# 835
Delta R.T. -0.012 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion:146 Resp: 154286
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
111 48.5 37.4 56.2





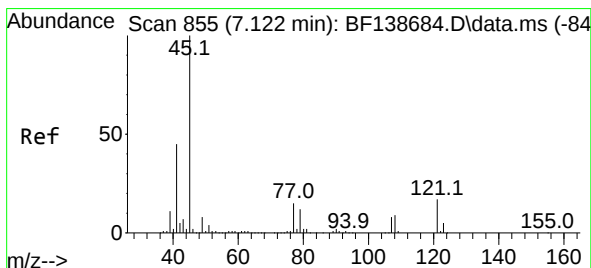
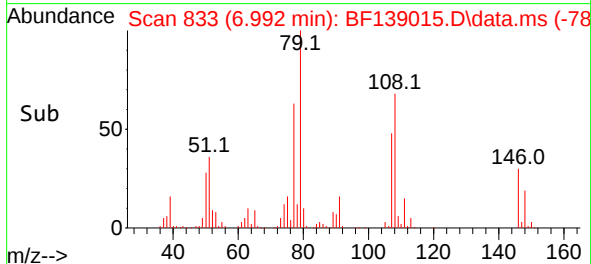
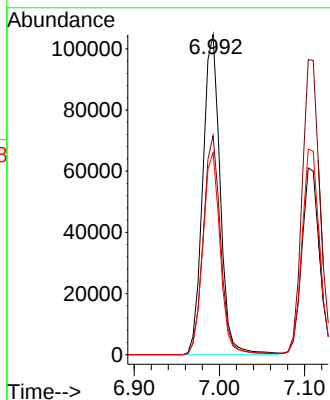
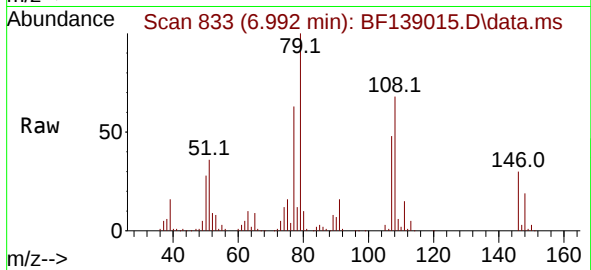
#15
Benzyl Alcohol
Concen: 51.276 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :
BNA_F
ClientSampleId :
PB162727BS

Tgt Ion: 79 Resp: 14840
Ion Ratio Lower Upper
79 100
108 68.4 56.6 85.0
77 63.2 50.3 75.5

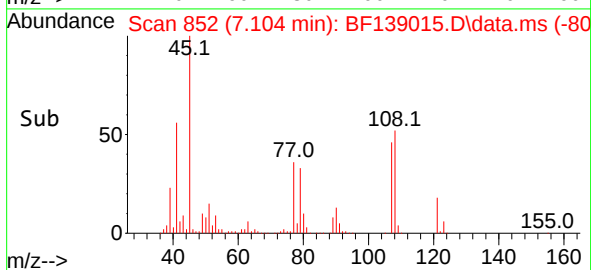
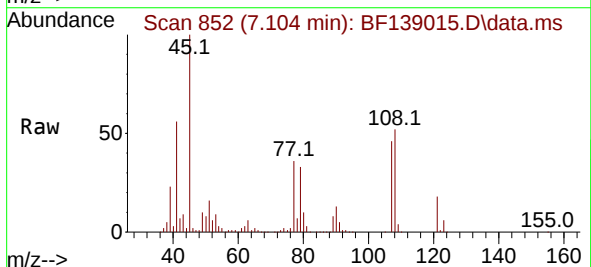
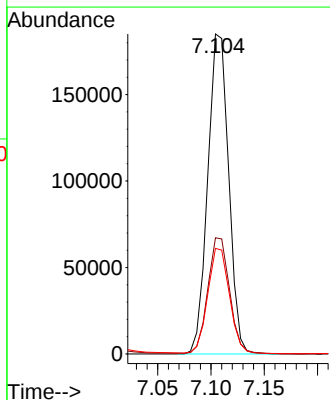
Manual Integrations
APPROVED

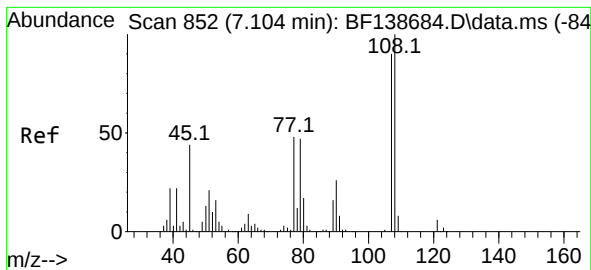
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.118 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

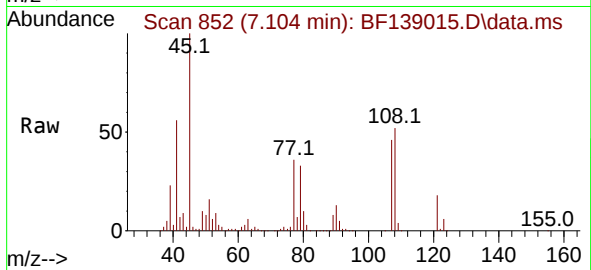
Tgt Ion: 45 Resp: 252628
Ion Ratio Lower Upper
45 100
77 36.3 0.0 34.9#
79 33.0 0.0 32.2#





#17
2-Methylphenol
Concen: 47.105 ng
RT: 7.104 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

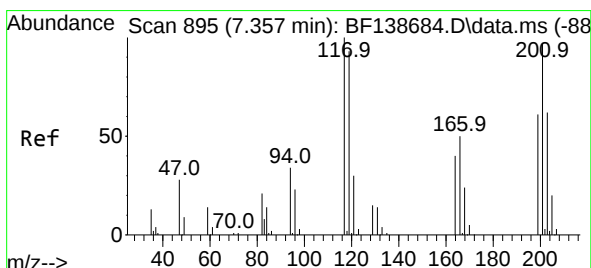
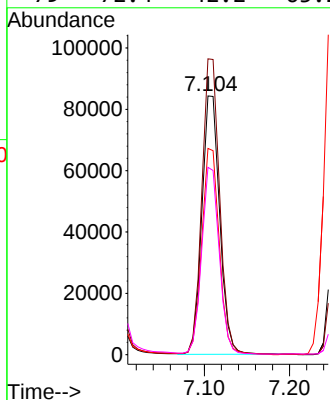
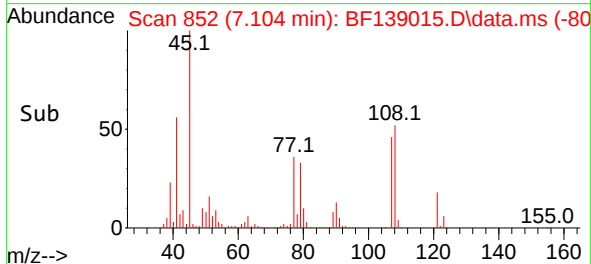
Instrument :
BNA_F
ClientSampleId :
PB162727BS



Tgt Ion:	107	Resp:	12240
Ion Ratio	Lower	Upper	
107	100		
108	114.4	89.2	133.8
77	79.7	43.0	64.4
79	72.4	42.2	63.2

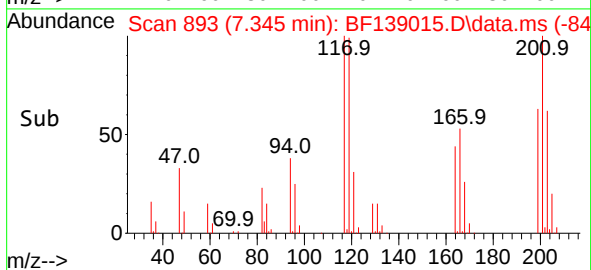
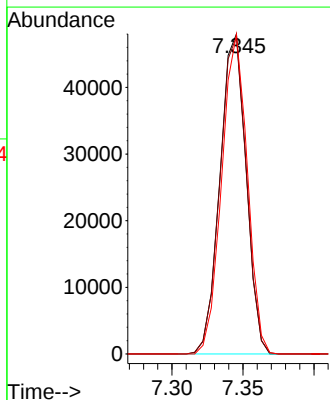
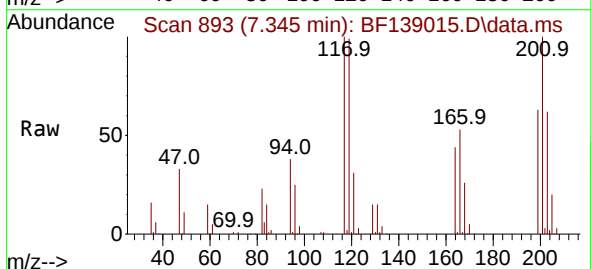
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#18
Hexachloroethane
Concen: 46.027 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion:	117	Resp:	61589
Ion Ratio	Lower	Upper	
117	100		
119	99.1	74.6	111.8
201	99.9	77.2	115.8





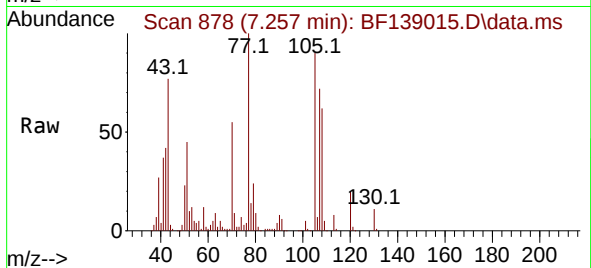
#19
n-Nitroso-di-n-propylamine
Concen: 49.317 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

PB162727BS

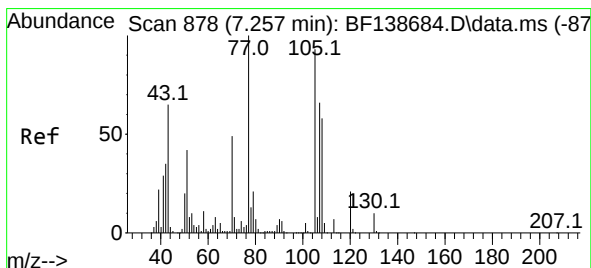
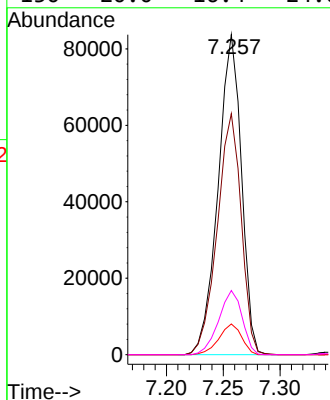
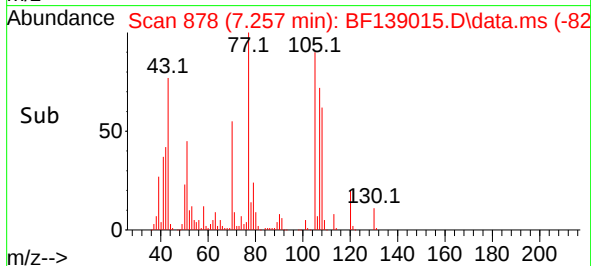


Tgt Ion: 70 Resp: 11961
Ion Ratio Lower Upper
70 100
42 75.3 57.4 86.0
101 9.6 7.5 11.3
130 20.0 16.4 24.6

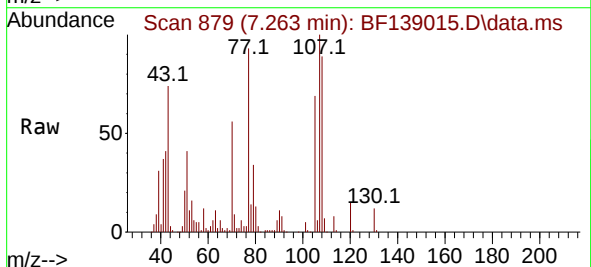
Manual Integrations

APPROVED

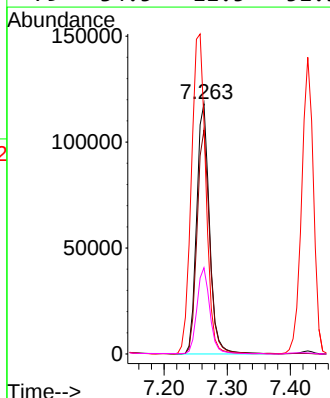
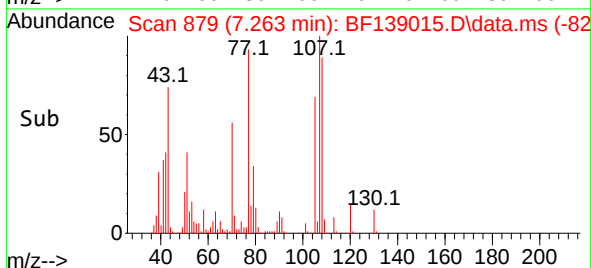
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

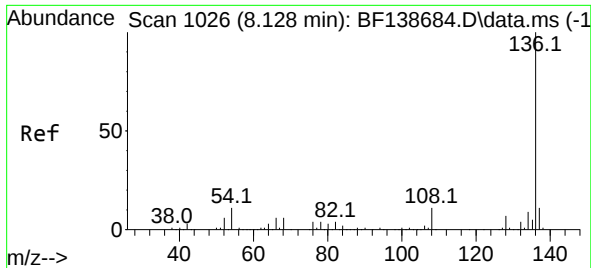


#20
3+4-Methylphenols
Concen: 49.886 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15



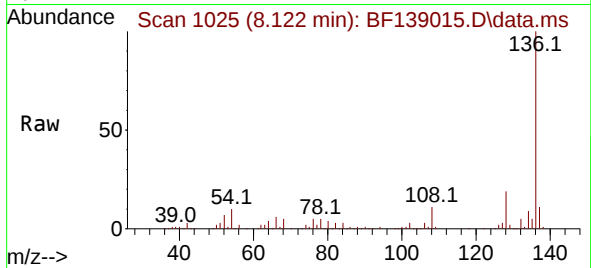
Tgt Ion:107 Resp: 166317
Ion Ratio Lower Upper
107 100
108 89.5 68.2 108.2
77 92.9 132.1 172.1#
79 34.5 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

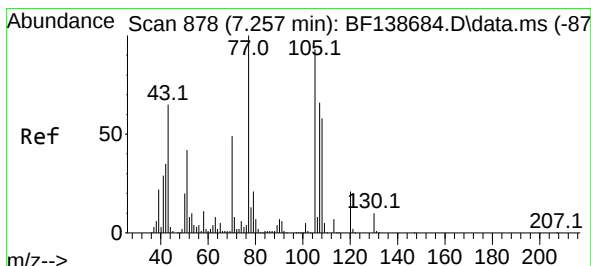
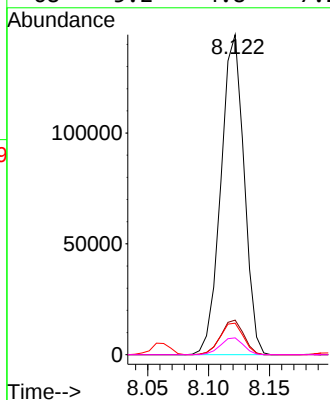
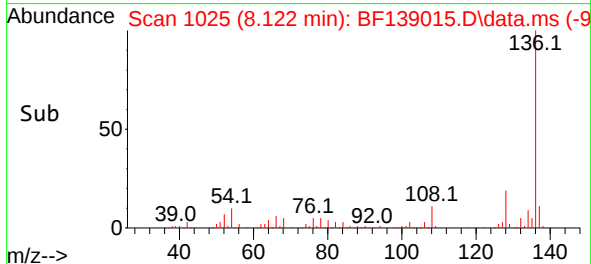
Instrument :
BNA_F
ClientSampleId :
PB162727BS



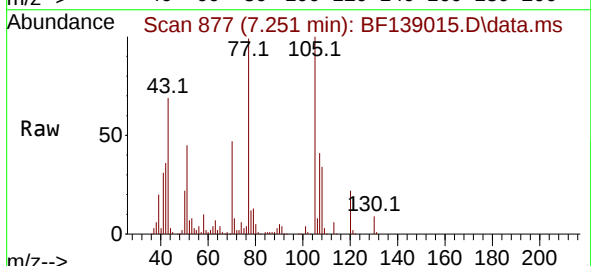
Tgt Ion:	136	Resp:	190934
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	9.9	8.6	12.8
68	5.2	4.8	7.2

Manual Integrations
APPROVED

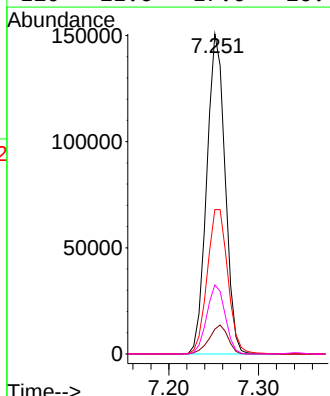
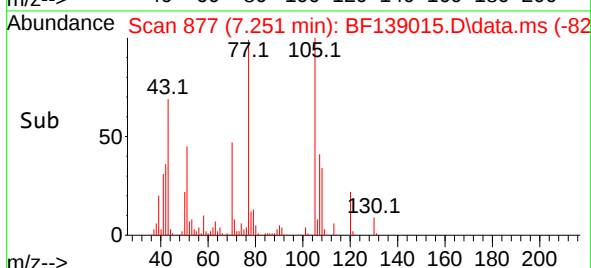
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#22
Acetophenone
Concen: 45.720 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15



Tgt Ion:	105	Resp:	213743
Ion Ratio	Lower	Upper	
105	100		
71	7.8	7.2	10.8
51	45.1	35.9	53.9
120	21.6	17.6	26.4





#23
Nitrobenzene-d5
Concen: 87.858 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

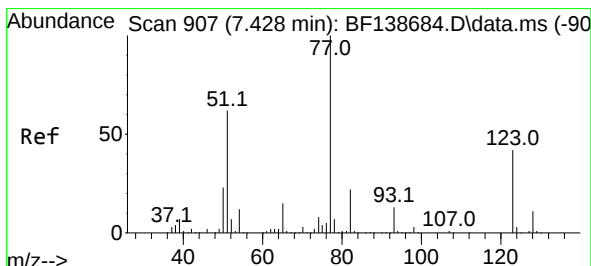
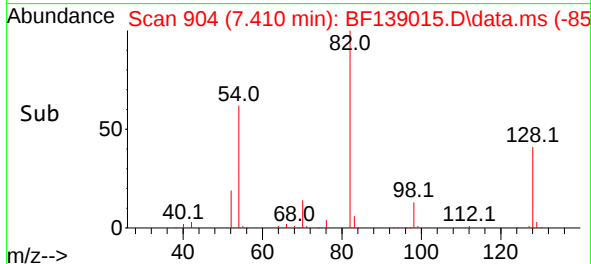
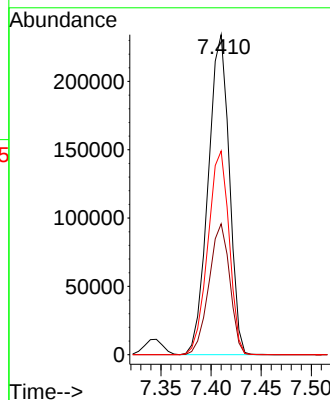
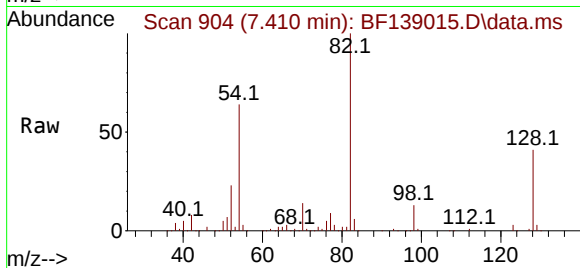
PB162727BS

Tgt Ion: 82 Resp: 343110
Ion Ratio Lower Upper
82 100
128 40.9 32.8 49.2
54 63.6 48.3 72.5

Manual Integrations

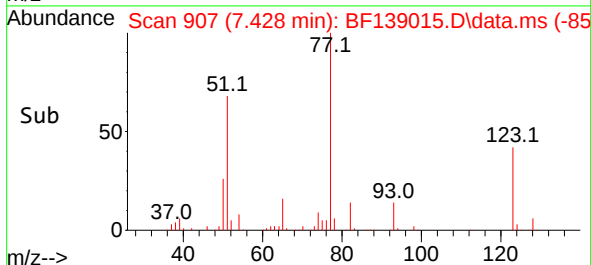
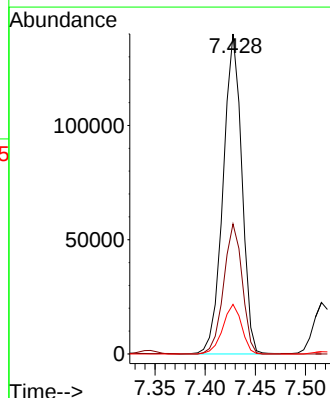
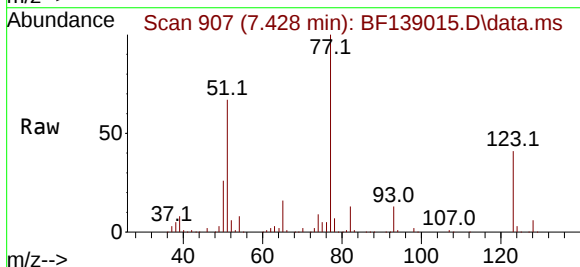
APPROVED

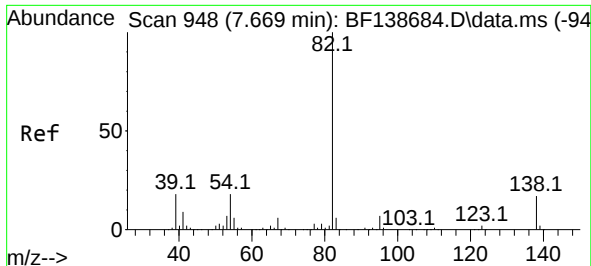
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#24
Nitrobenzene
Concen: 45.635 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

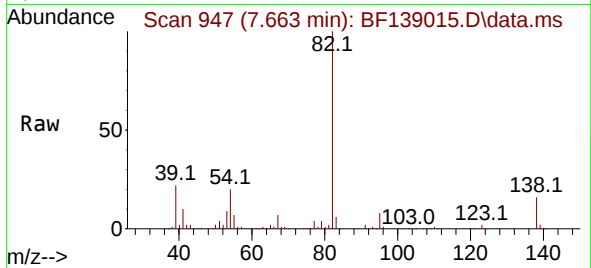
Tgt Ion: 77 Resp: 181348
Ion Ratio Lower Upper
77 100
123 40.6 33.3 49.9
65 15.5 11.9 17.9





#25
Isophorone
Concen: 46.886 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

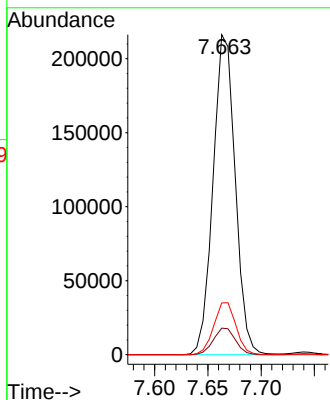
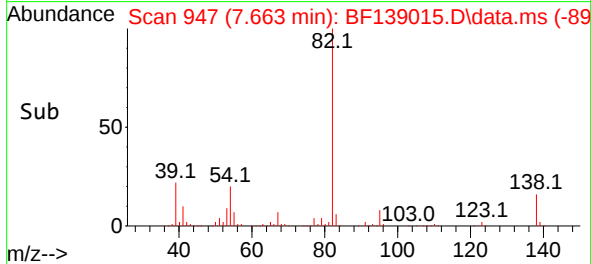
Instrument :
BNA_F
ClientSampleId :
PB162727BS



Tgt Ion: 82 Resp: 31265
Ion Ratio Lower Upper
82 100
95 8.3 5.7 8.5
138 16.1 13.7 20.5

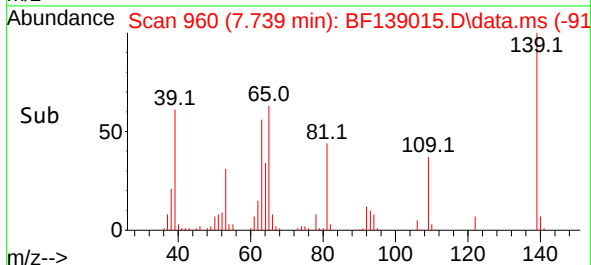
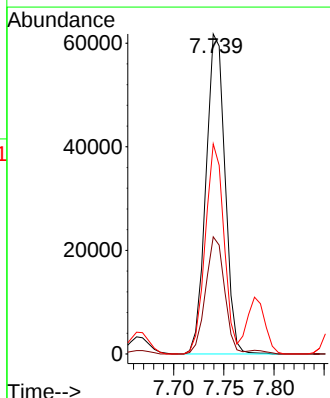
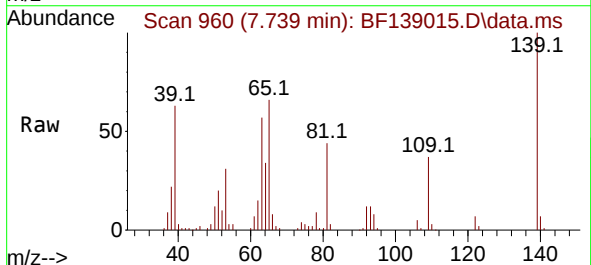
Manual Integrations
APPROVED

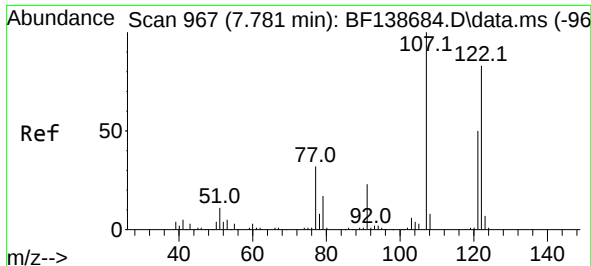
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#26
2-Nitrophenol
Concen: 47.924 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion:139 Resp: 81935
Ion Ratio Lower Upper
139 100
109 36.6 25.9 38.9
65 65.6 47.0 70.6





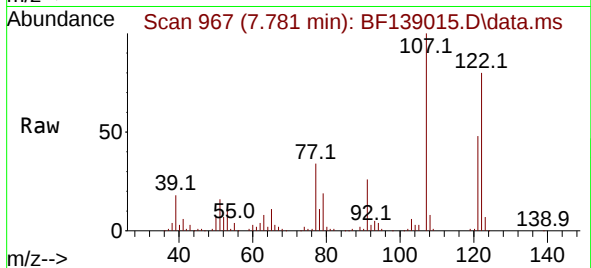
#27
2,4-Dimethylphenol
Concen: 51.033 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

PB162727BS

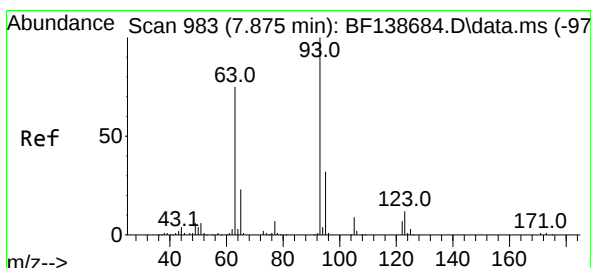
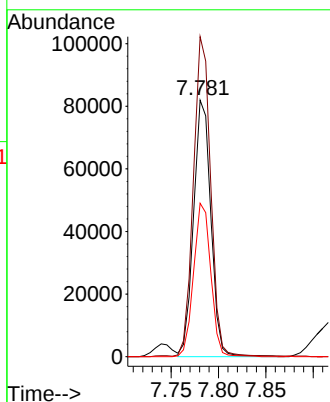
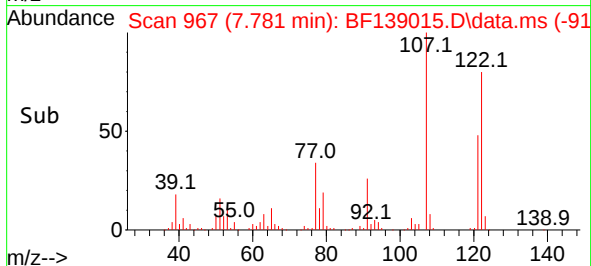


Tgt Ion:122 Resp: 104392
Ion Ratio Lower Upper
122 100
107 124.8 95.0 142.6
121 59.8 47.3 70.9

Manual Integrations

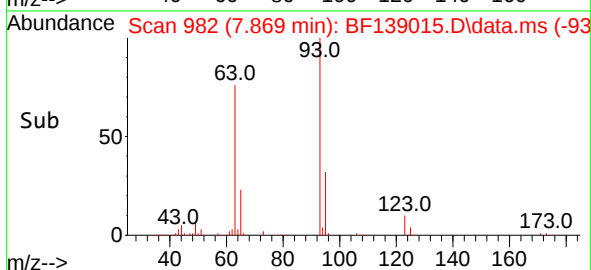
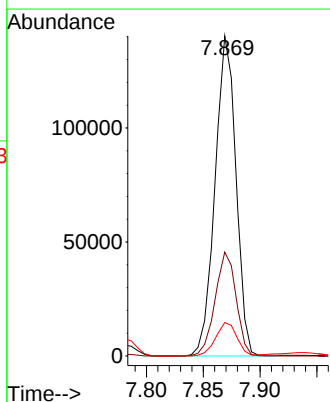
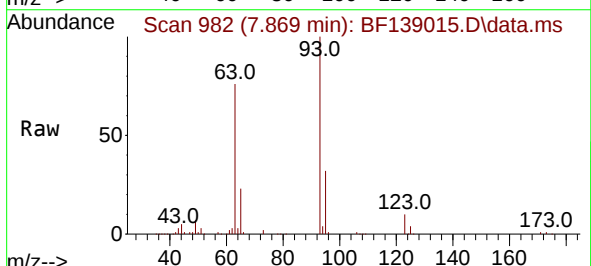
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.380 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion: 93 Resp: 180222
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 10.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.193 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF139015.D

Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

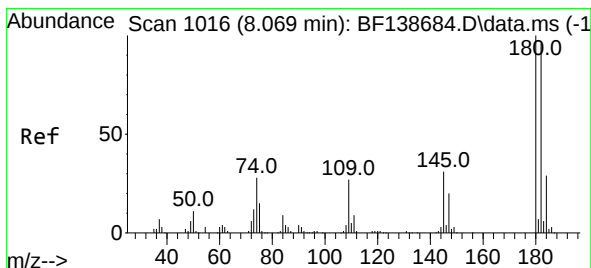
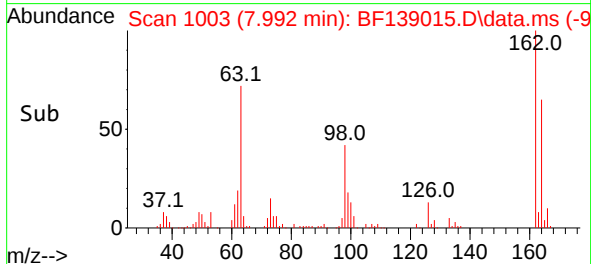
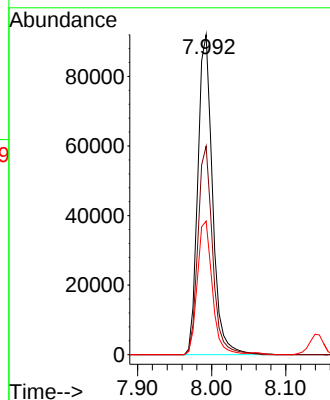
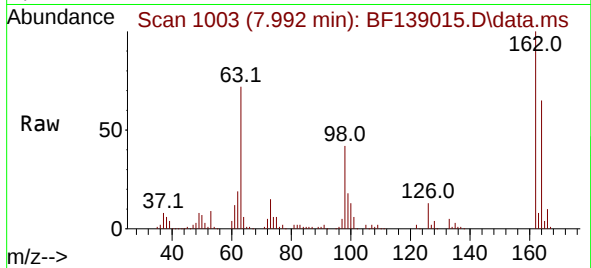
PB162727BS

Tgt Ion:	162	Resp:	126680
Ion Ratio	Lower	Upper	
162	100		
164	65.2	44.7	84.7
98	41.8	20.8	60.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.532 ng

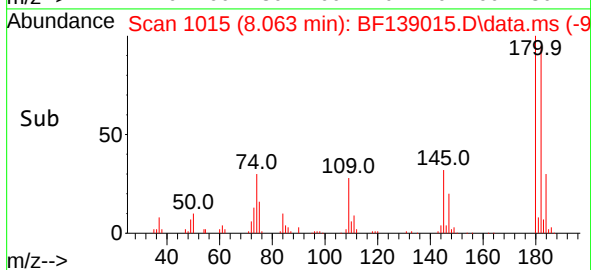
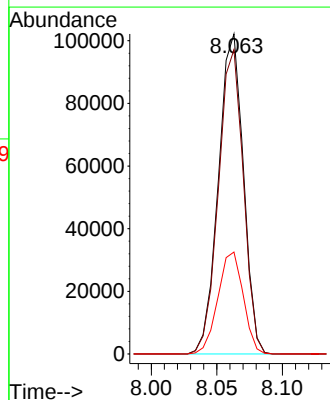
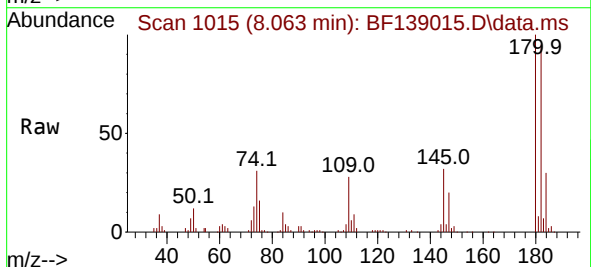
RT: 8.063 min Scan# 1015

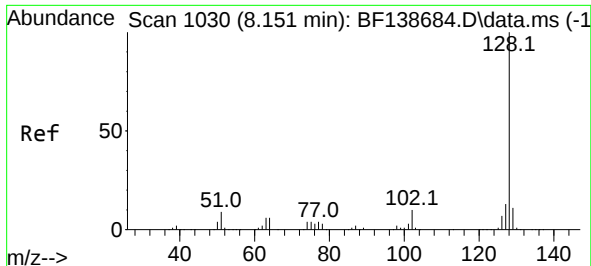
Delta R.T. -0.006 min

Lab File: BF139015.D

Acq: 15 Aug 2024 11:15

Tgt Ion:	180	Resp:	135085
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.9	115.3
145	31.8	25.0	37.4





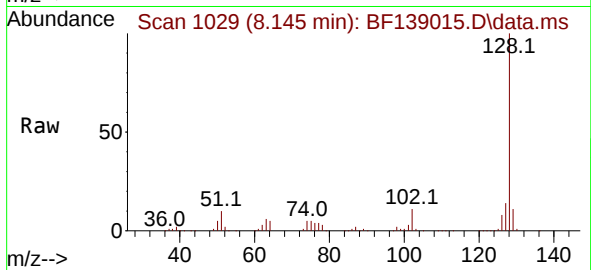
#31
Naphthalene
Concen: 44.932 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

PB162727BS

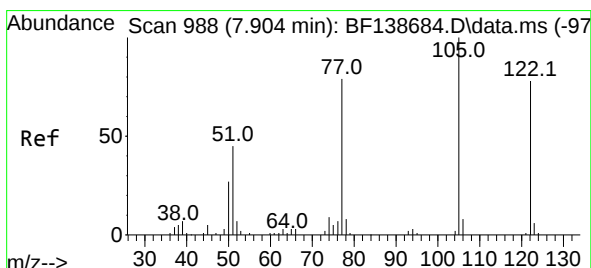
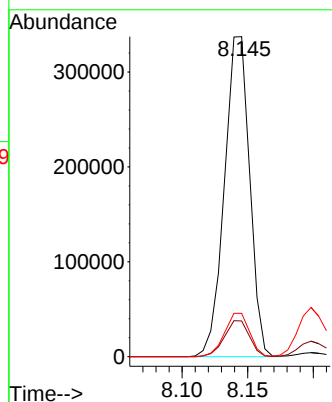
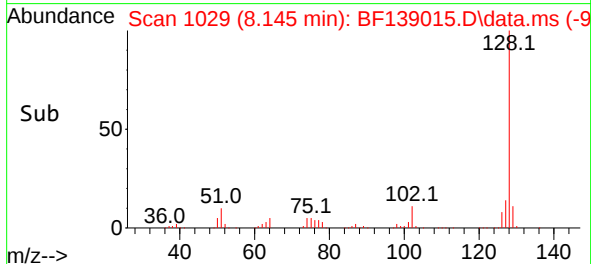


Tgt Ion:128 Resp: 451578
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.5 10.6 16.0

Manual Integrations

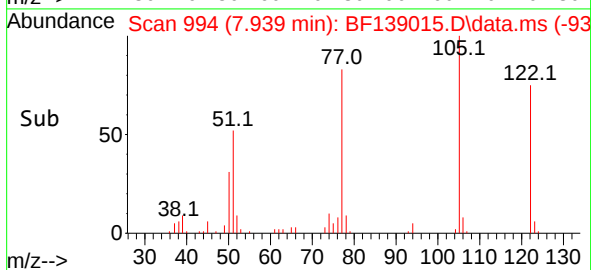
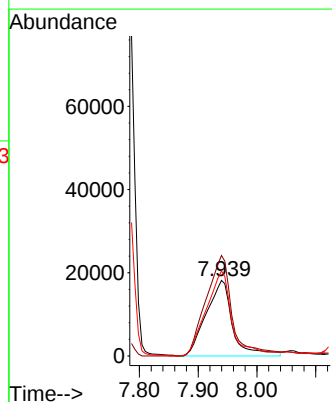
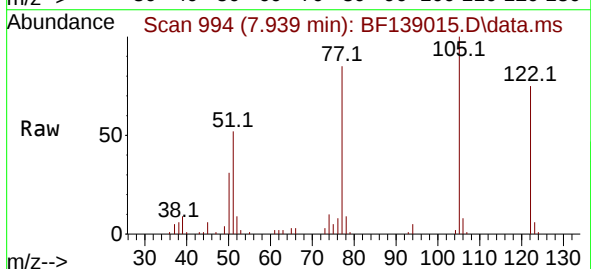
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#32
Benzoic acid
Concen: 35.089 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.035 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion:122 Resp: 56423
Ion Ratio Lower Upper
122 100
105 133.1 106.7 146.7
77 112.7 81.1 121.1





#33
4-Chloroaniline
Concen: 29.185 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

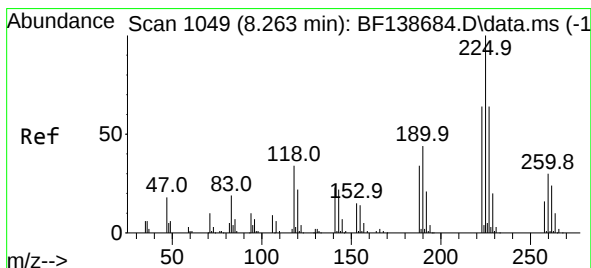
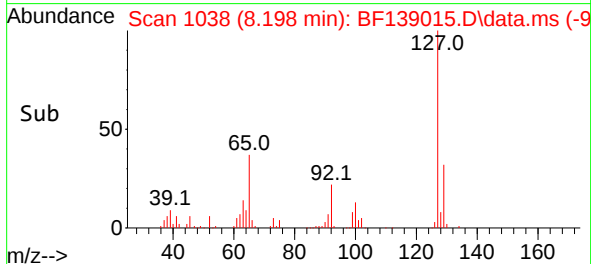
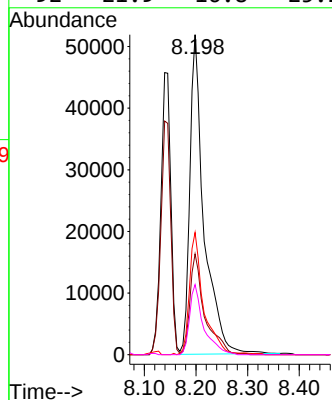
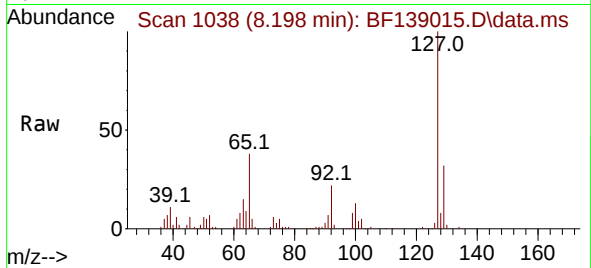
PB162727BS

Tgt Ion:	127	Resp:	98460
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.9	38.9
65	38.2	27.6	41.4
92	21.9	16.8	25.2

Manual Integrations

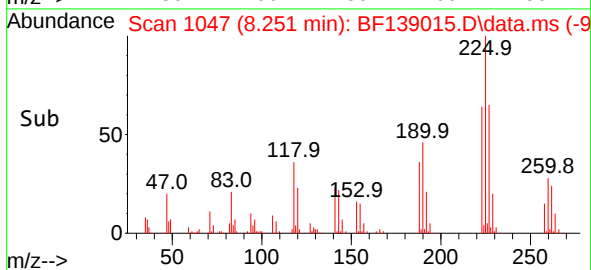
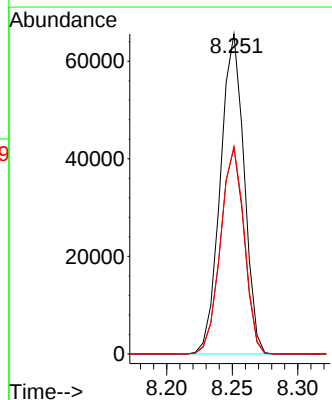
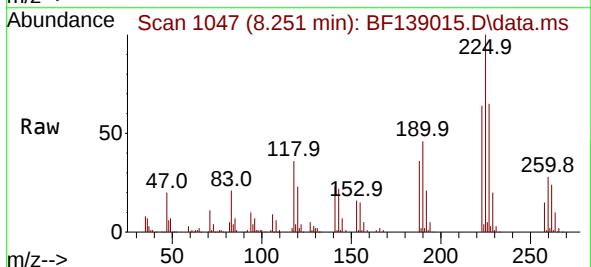
APPROVED

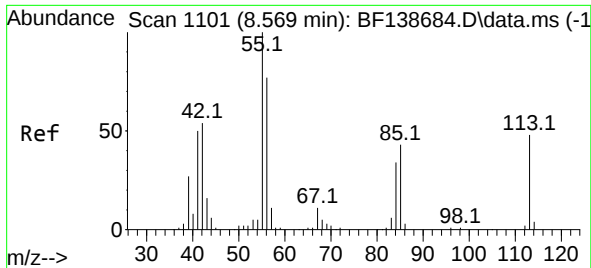
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#34
Hexachlorobutadiene
Concen: 44.863 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

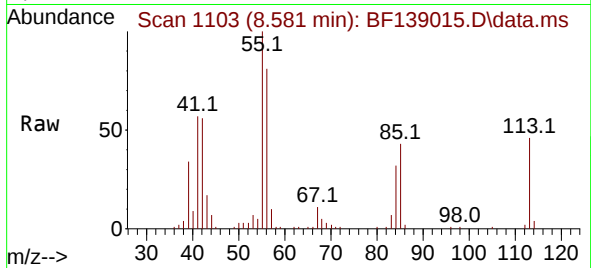
Tgt Ion:	225	Resp:	82429
Ion Ratio	Lower	Upper	
225	100		
223	64.3	51.2	76.8
227	64.9	51.1	76.7





#35
Caprolactam
Concen: 47.457 ng m
RT: 8.581 min Scan# 1103
Delta R.T. 0.012 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

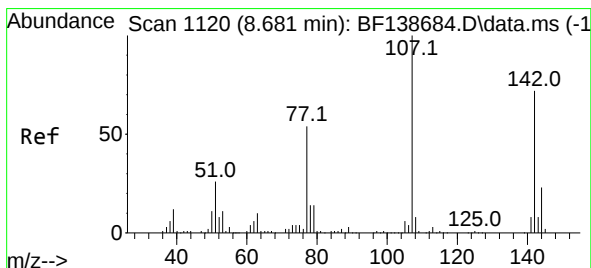
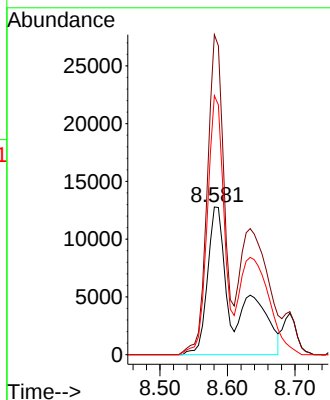
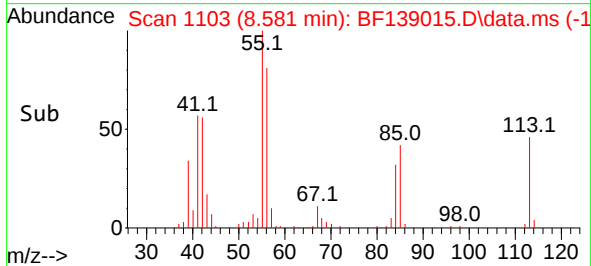
Instrument :
BNA_F
ClientSampleId :
PB162727BS



Tgt Ion:113 Resp: 3722
Ion Ratio Lower Upper
113 100
55 216.6 186.7 226.7
56 175.4 138.9 178.9

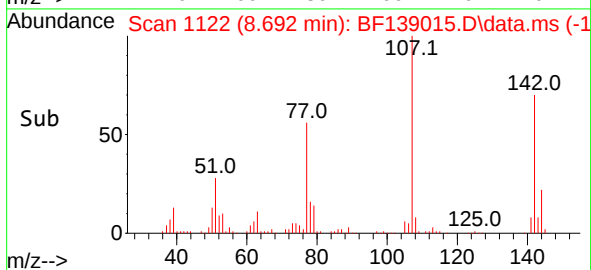
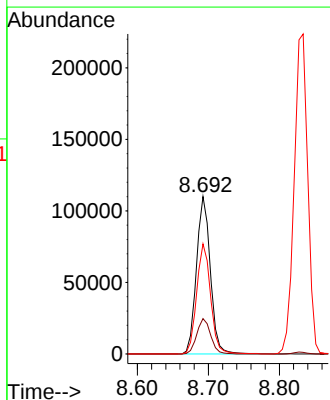
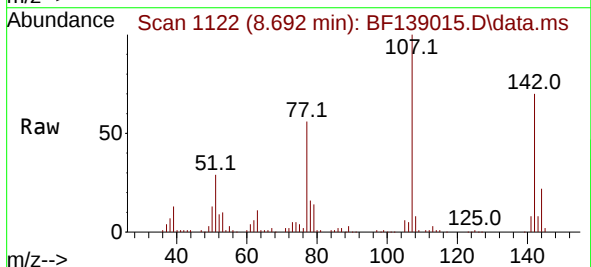
Manual Integrations
APPROVED

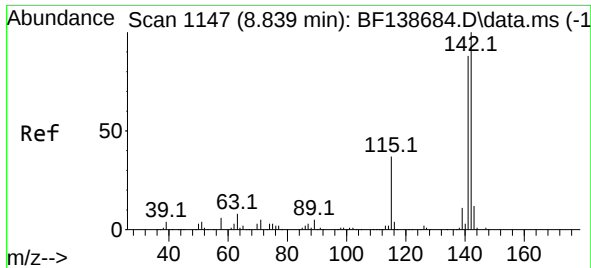
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#36
4-Chloro-3-methylphenol
Concen: 50.012 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

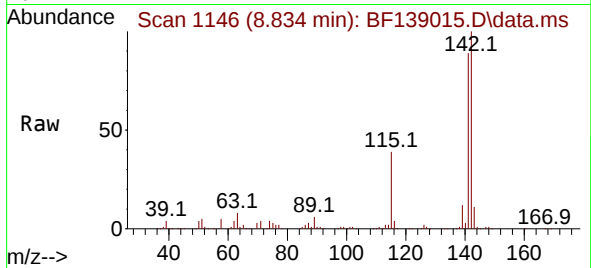
Tgt Ion:107 Resp: 150239
Ion Ratio Lower Upper
107 100
144 22.5 18.2 27.2
142 69.9 57.4 86.2





#37
2-Methylnaphthalene
Concen: 46.726 ng
RT: 8.834 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

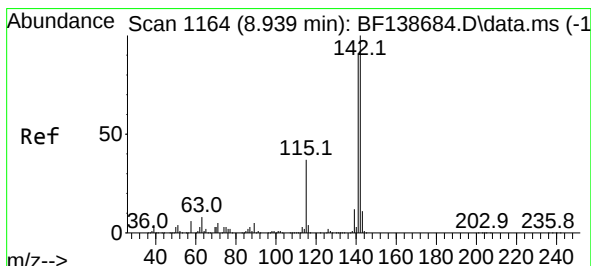
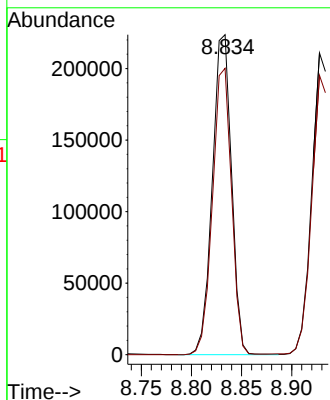
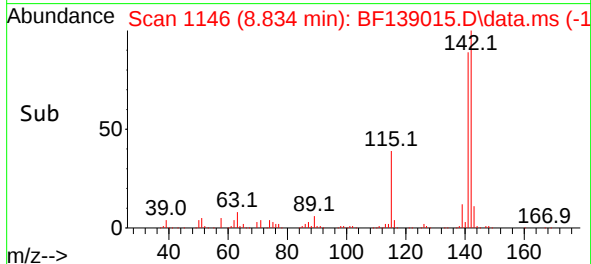
Instrument :
BNA_F
ClientSampleId :
PB162727BS



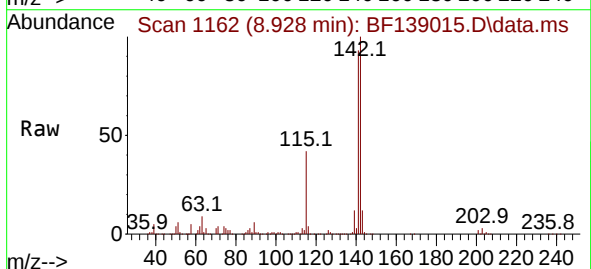
Tgt Ion:142 Resp: 296580
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2

Manual Integrations
APPROVED

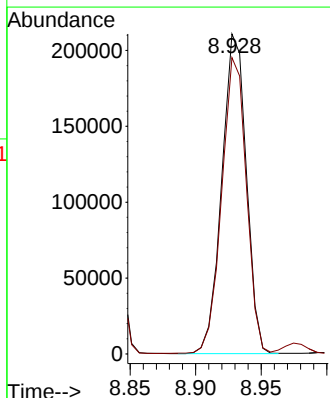
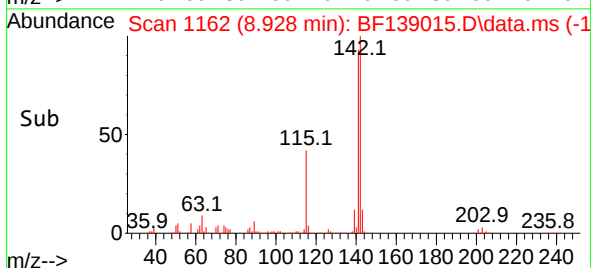
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

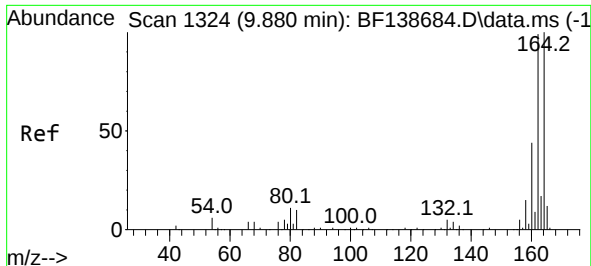


#38
1-Methylnaphthalene
Concen: 44.028 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15



Tgt Ion:142 Resp: 273840
Ion Ratio Lower Upper
142 100
141 92.6 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1174

Delta R.T. -0.005 min

Lab File: BF139015.D

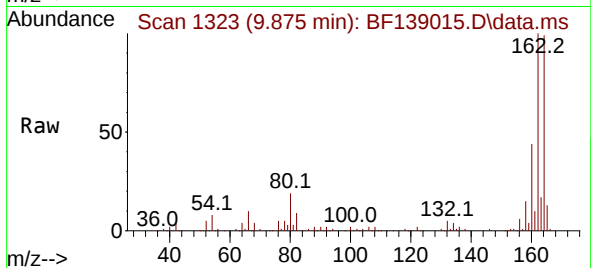
Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

PB162727BS



Tgt Ion:164 Resp: 108880

Ion Ratio Lower Upper

164 100

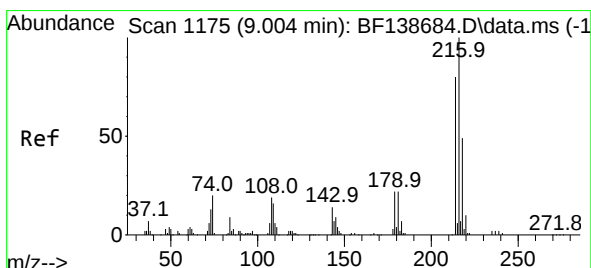
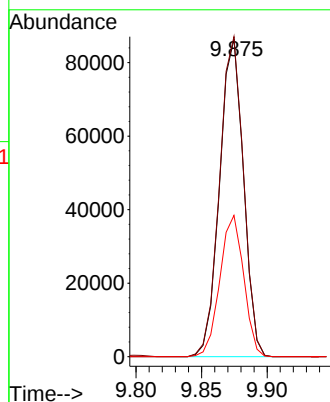
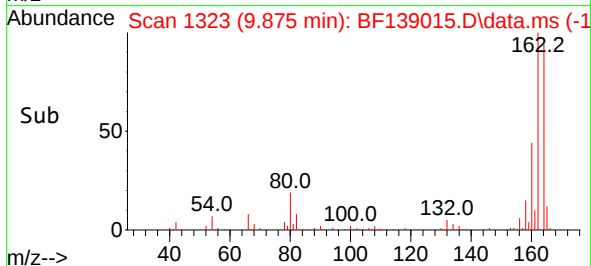
162 100.7 79.4 119.0

160 44.5 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.473 ng

RT: 8.998 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF139015.D

Acq: 15 Aug 2024 11:15

Tgt Ion:216 Resp: 125438

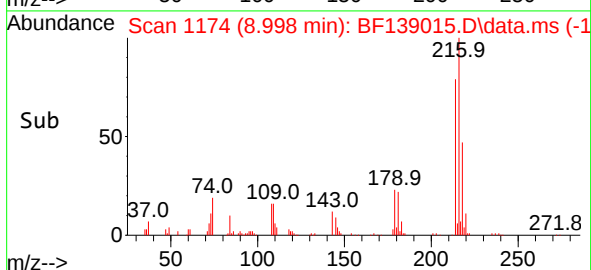
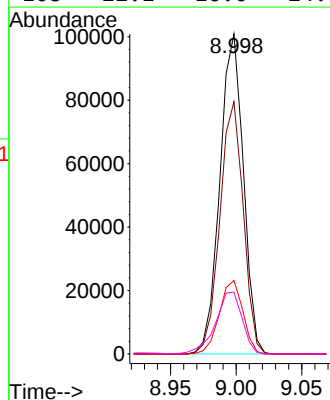
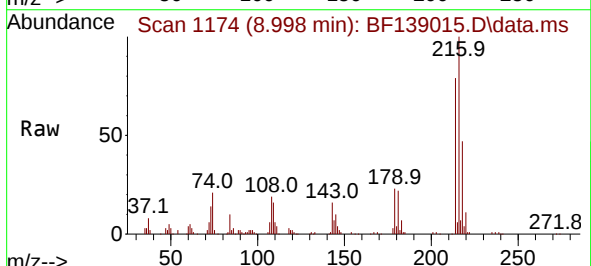
Ion Ratio Lower Upper

216 100

214 78.3 63.9 95.9

179 23.1 17.8 26.6

108 22.1 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 82.170 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.011 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

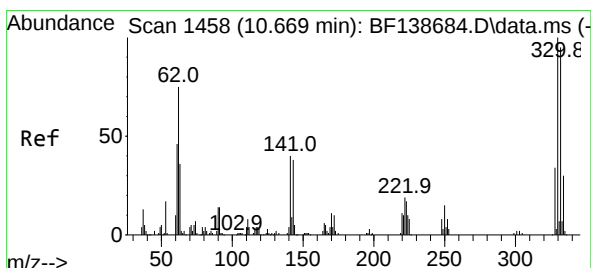
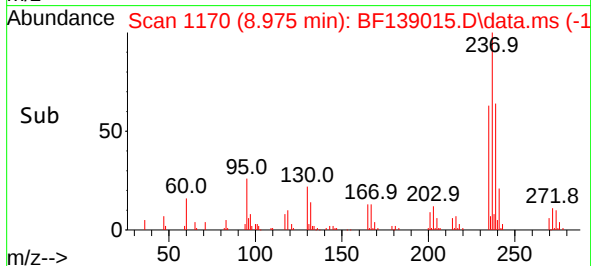
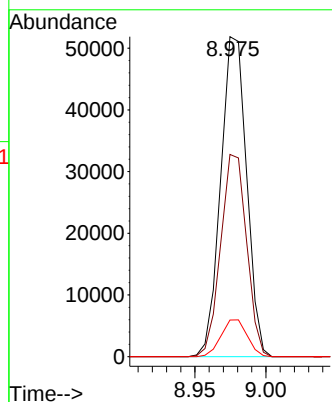
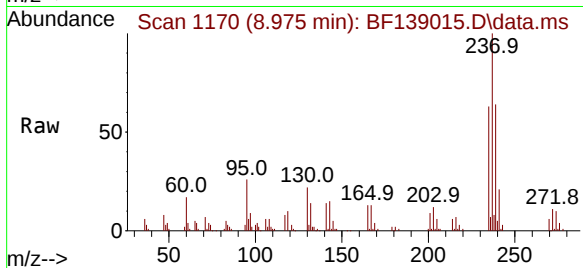
PB162727BS

Tgt Ion:237 Resp: 6594
Ion Ratio Lower Upper
237 100
235 63.2 41.8 81.8
272 11.4 0.0 32.2

Manual Integrations

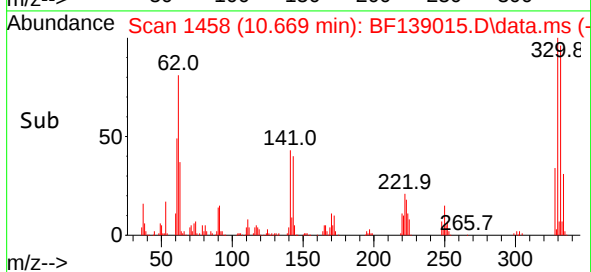
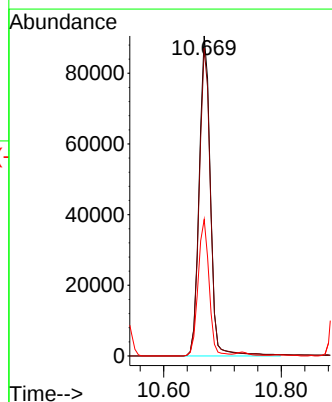
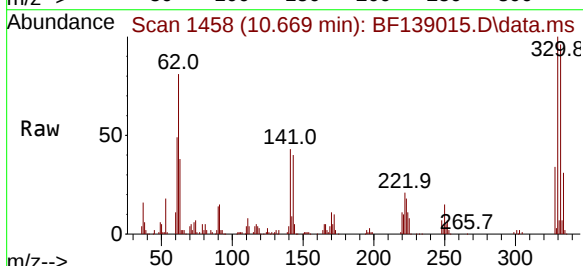
APPROVED

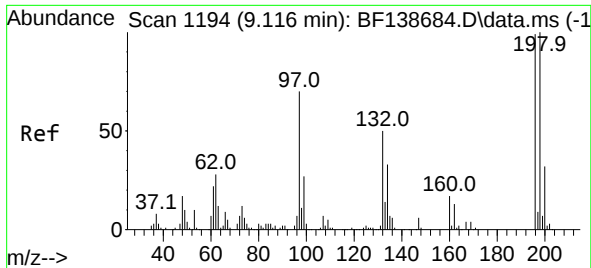
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#42
2,4,6-Tribromophenol
Concen: 134.805 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion:330 Resp: 120229
Ion Ratio Lower Upper
330 100
332 95.4 76.4 114.6
141 41.7 31.1 46.7





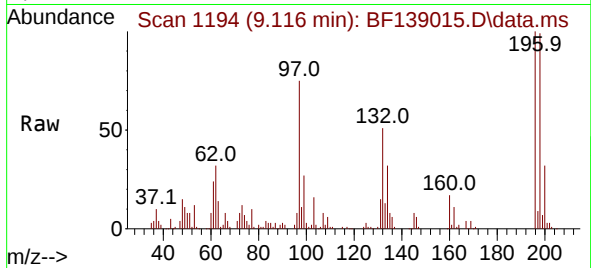
#43
2,4,6-Trichlorophenol
Concen: 44.436 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

PB162727BS

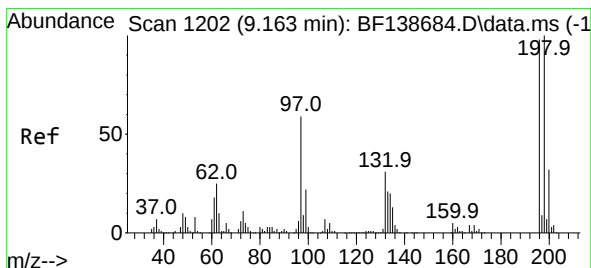
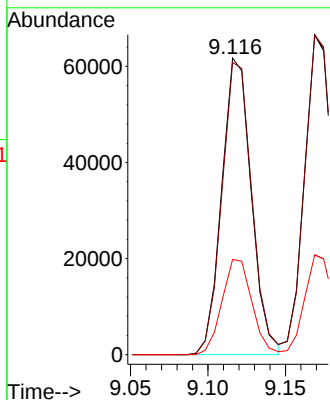
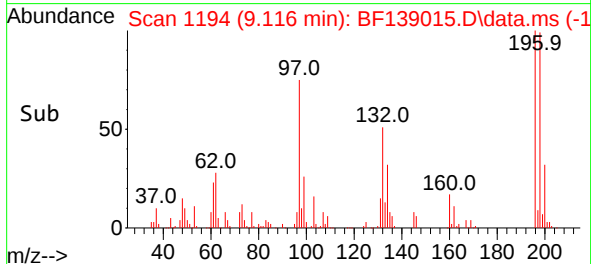


Tgt Ion:196 Resp: 81944
Ion Ratio Lower Upper
196 100
198 98.5 80.5 120.7
200 32.1 25.9 38.9

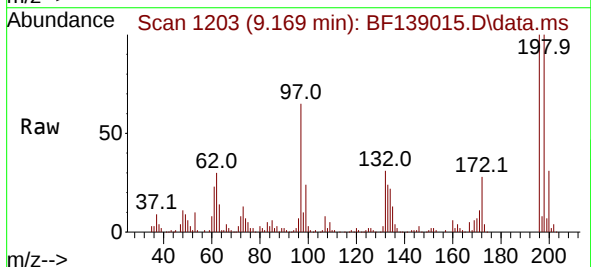
Manual Integrations

APPROVED

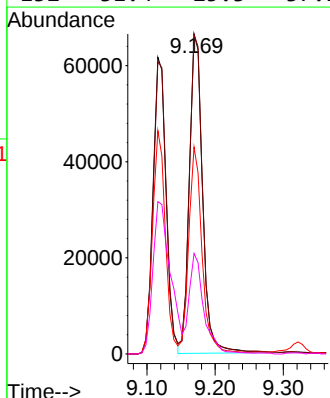
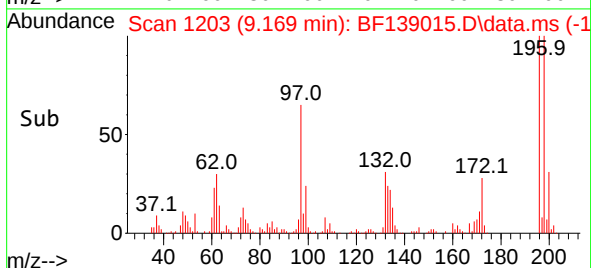
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

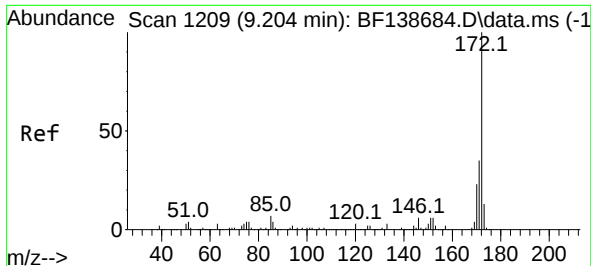


#44
2,4,5-Trichlorophenol
Concen: 44.385 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15



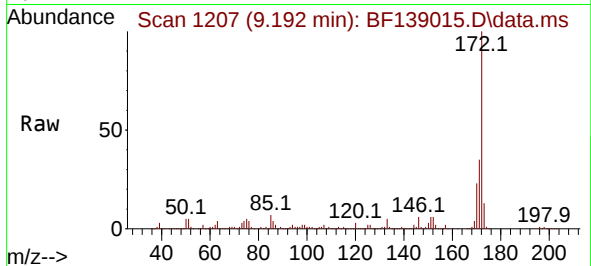
Tgt Ion:196 Resp: 89481
Ion Ratio Lower Upper
196 100
198 99.8 81.2 121.8
97 64.7 47.8 71.6
132 31.4 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 86.846 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

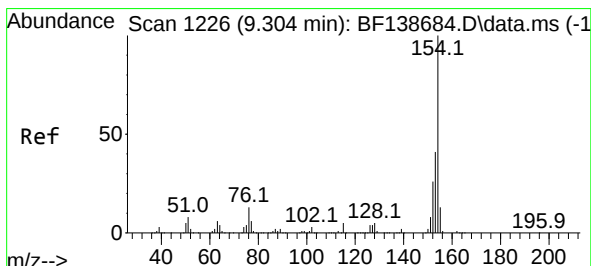
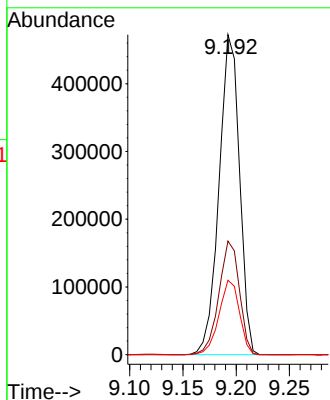
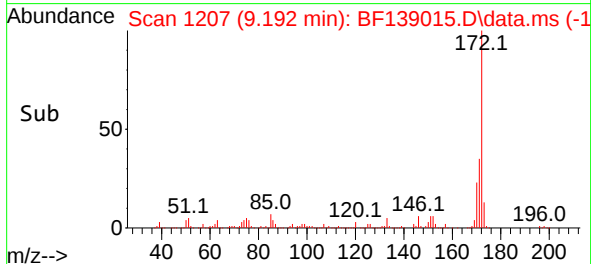
Instrument :
BNA_F
ClientSampleId :
PB162727BS



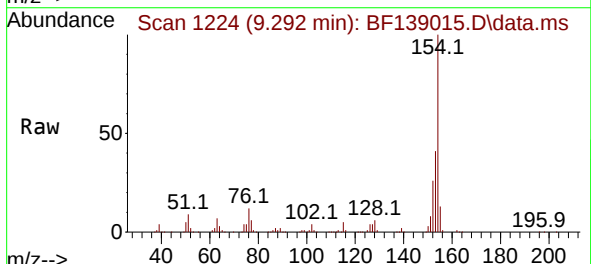
Tgt Ion:172 Resp: 62934
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.3 18.8 28.2

Manual Integrations
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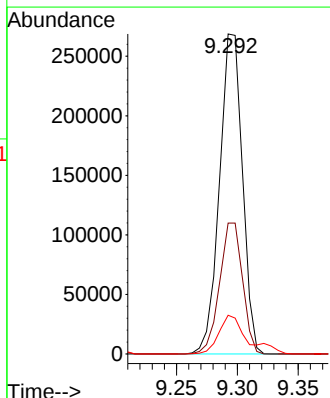
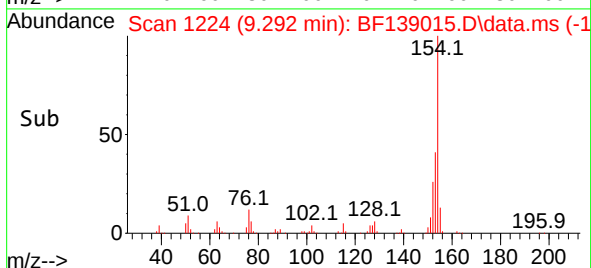
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#46
1,1'-Biphenyl
Concen: 41.308 ng
RT: 9.292 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15



Tgt Ion:154 Resp: 352245
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 12.1 0.0 32.8





#47

2-Chloronaphthalene

Concen: 43.486 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF139015.D

Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

PB162727BS

Tgt Ion:162 Resp: 275789

Ion Ratio Lower Upper

162 100

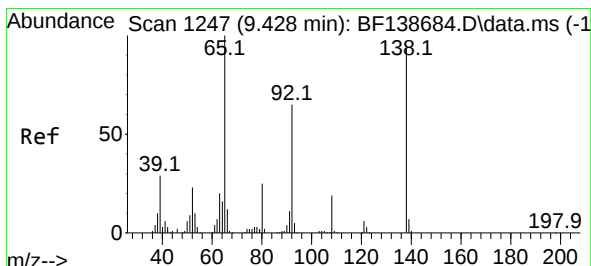
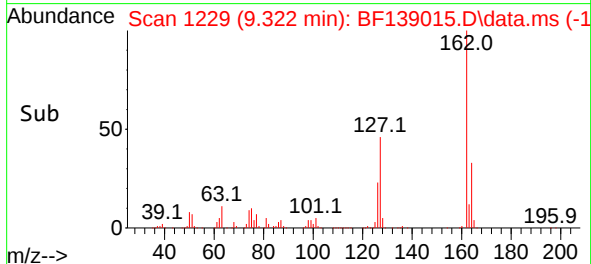
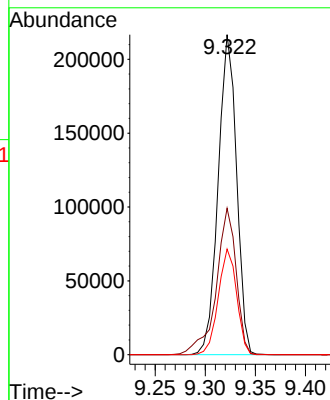
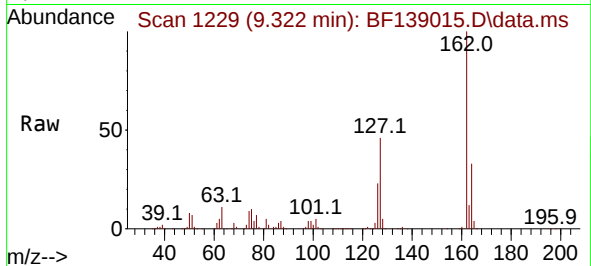
127 45.8 35.4 53.2

164 33.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#48

2-Nitroaniline

Concen: 50.312 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF139015.D

Acq: 15 Aug 2024 11:15

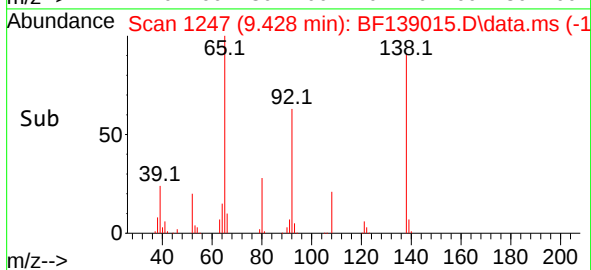
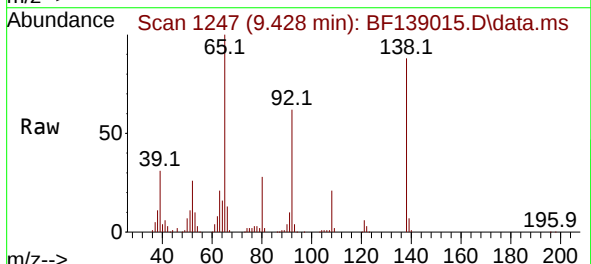
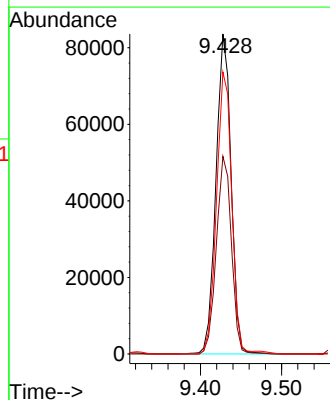
Tgt Ion: 65 Resp: 108173

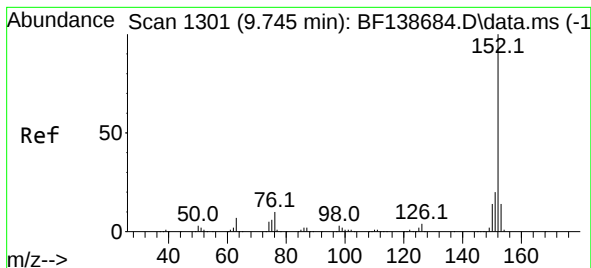
Ion Ratio Lower Upper

65 100

92 61.7 52.0 78.0

138 88.1 76.2 114.4





#49

Acenaphthylene

Concen: 48.632 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139015.D

Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

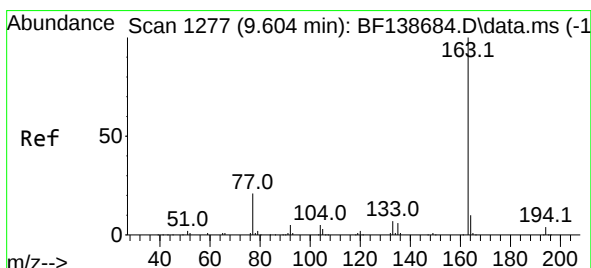
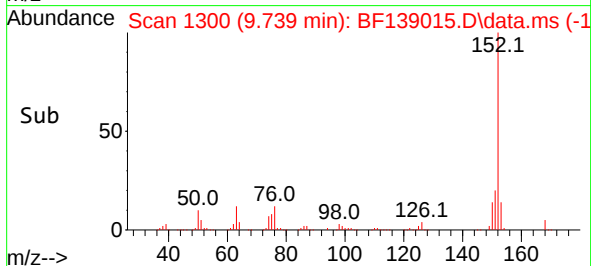
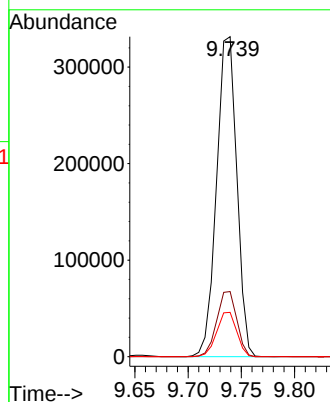
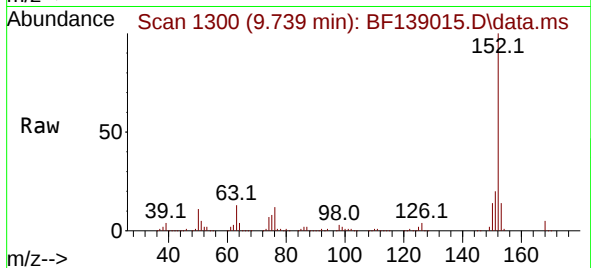
PB162727BS

Tgt Ion:	152	Resp:	43744
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.0	24.0
153	13.8	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#50

Dimethylphthalate

Concen: 48.899 ng

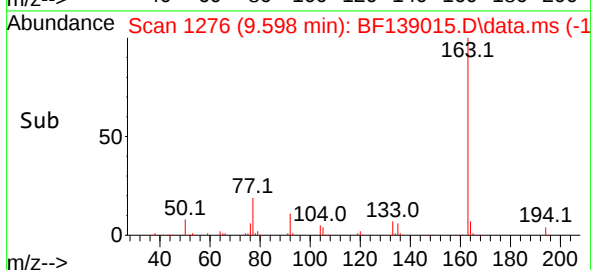
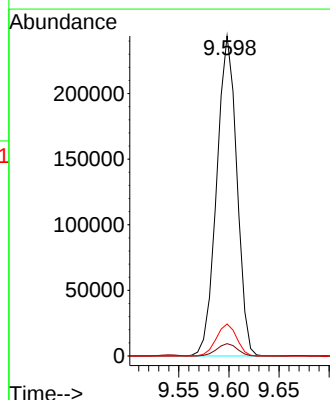
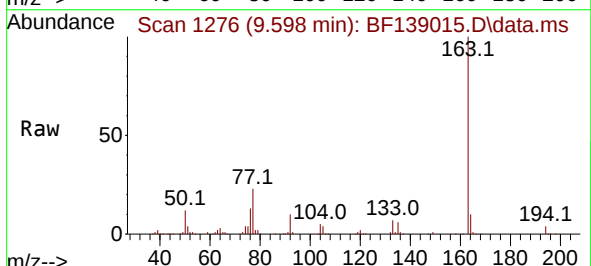
RT: 9.598 min Scan# 1276

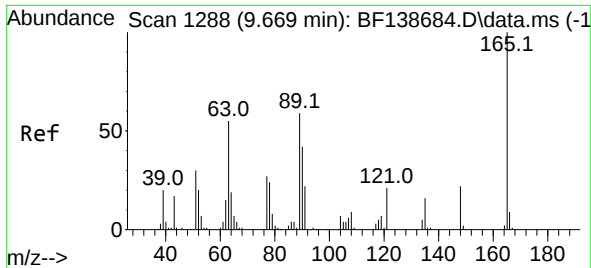
Delta R.T. -0.006 min

Lab File: BF139015.D

Acq: 15 Aug 2024 11:15

Tgt Ion:	163	Resp:	340432
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	10.0	7.8	11.8





#51
2,6-Dinitrotoluene
Concen: 46.865 ng
RT: 9.669 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

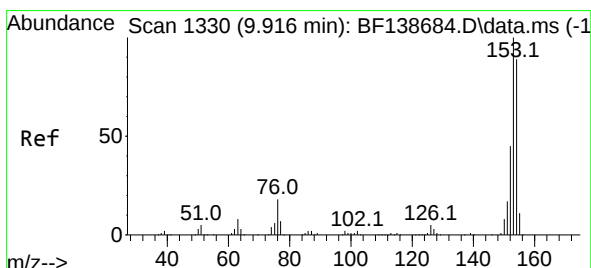
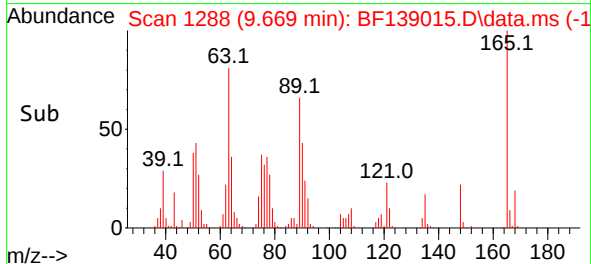
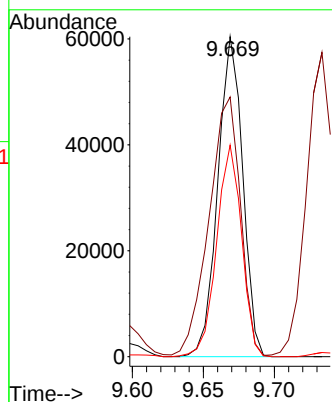
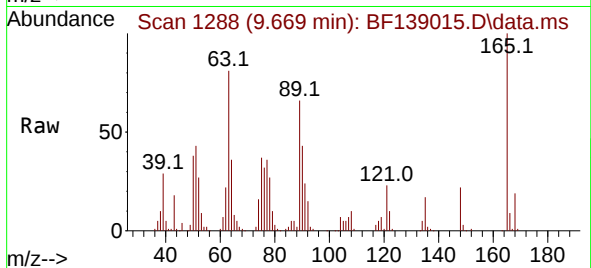
PB162727BS

Tgt Ion:165 Resp: 7363
Ion Ratio Lower Upper
165 100
63 81.1 52.0 78.0
89 66.1 47.0 70.6

Manual Integrations

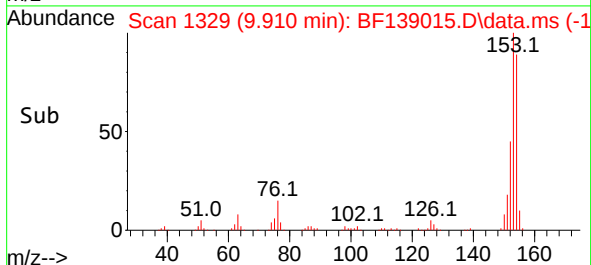
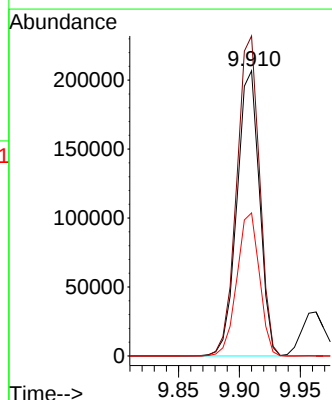
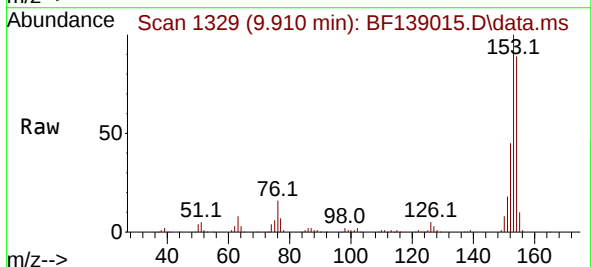
APPROVED

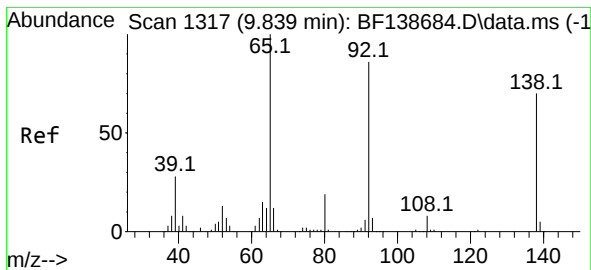
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#52
Acenaphthene
Concen: 44.168 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion:154 Resp: 267062
Ion Ratio Lower Upper
154 100
153 112.2 89.9 134.9
152 50.1 40.6 60.8





#53

3-Nitroaniline

Concen: 31.325 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF139015.D

Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

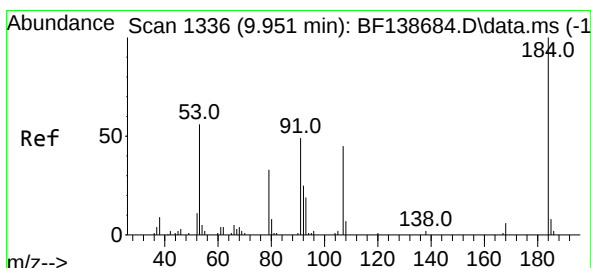
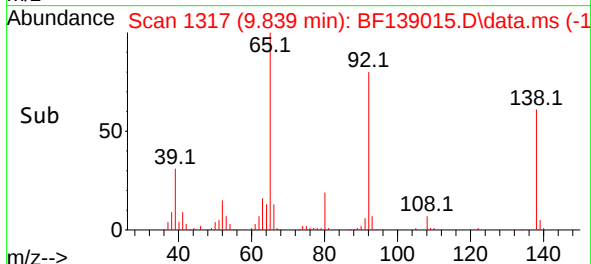
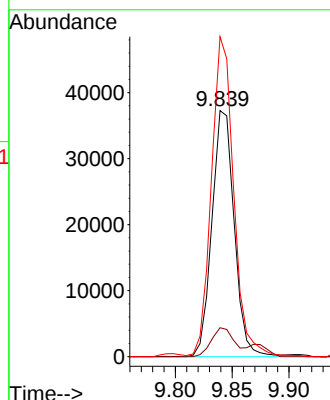
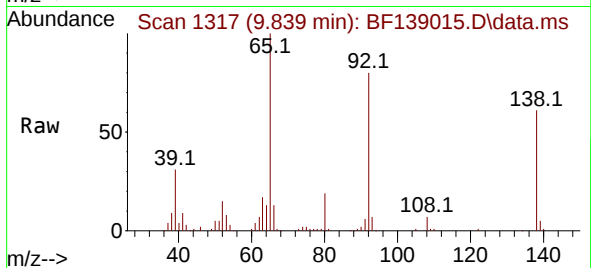
PB162727BS

Tgt Ion:138	Resp:	50880
Ion Ratio	Lower	Upper
138	100	
108	11.8	9.1 13.7
92	130.0	98.7 148.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#54

2,4-Dinitrophenol

Concen: 87.859 ng

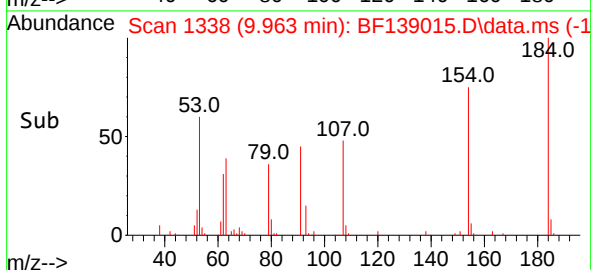
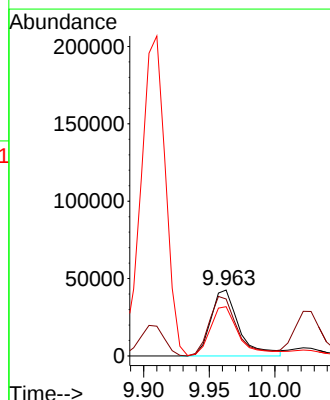
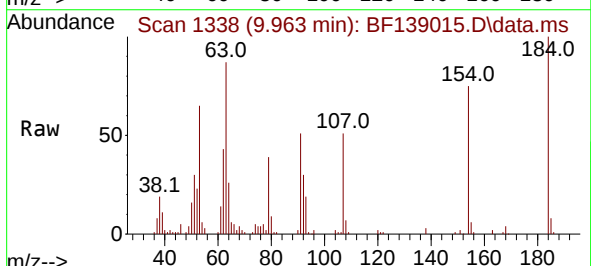
RT: 9.963 min Scan# 1338

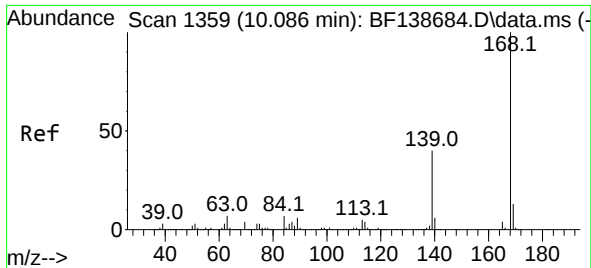
Delta R.T. 0.012 min

Lab File: BF139015.D

Acq: 15 Aug 2024 11:15

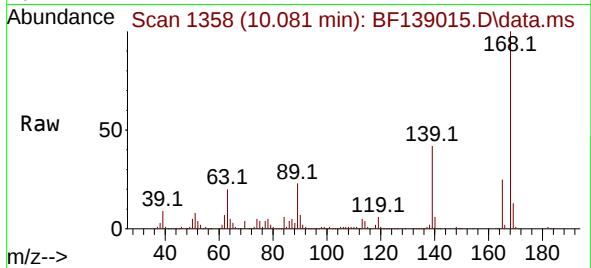
Tgt Ion:184	Resp:	63545
Ion Ratio	Lower	Upper
184	100	
63	86.6	57.5 86.3#
154	74.9	51.7 77.5





#55
Dibenzenofuran
Concen: 47.117 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

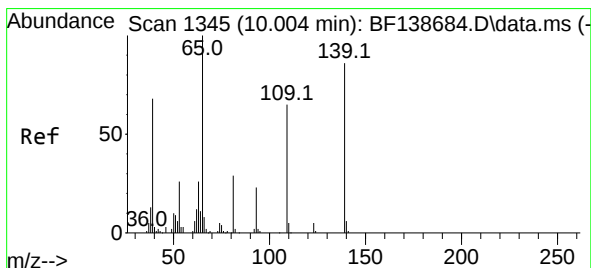
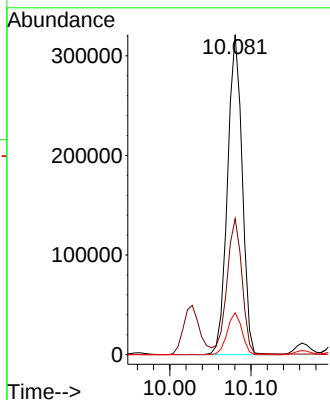
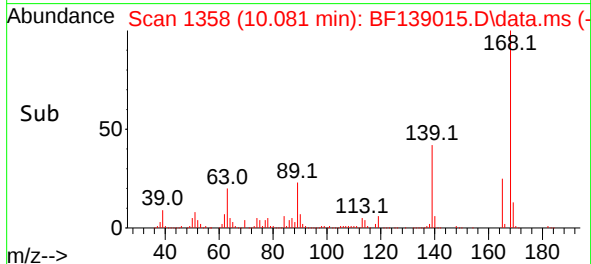
Instrument :
BNA_F
ClientSampleId :
PB162727BS



Tgt Ion:168 Resp: 402160
Ion Ratio Lower Upper
168 100
139 42.5 32.6 49.0
169 13.1 10.7 16.1

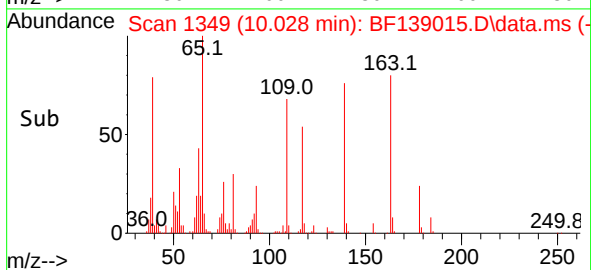
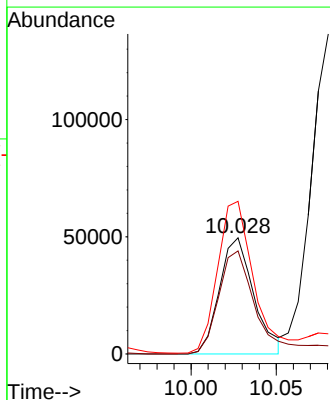
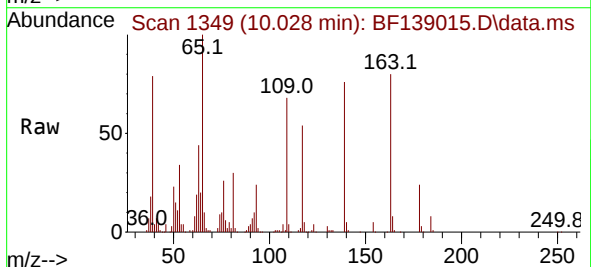
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#56
4-Nitrophenol
Concen: 71.309 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion:139 Resp: 69650
Ion Ratio Lower Upper
139 100
109 88.7 55.5 95.5
65 131.5 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 49.999 ng
RT: 10.081 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

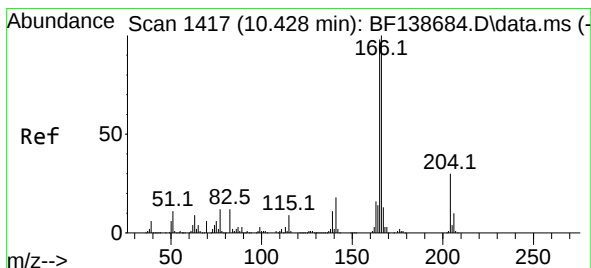
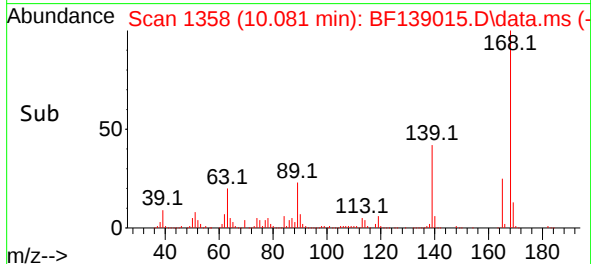
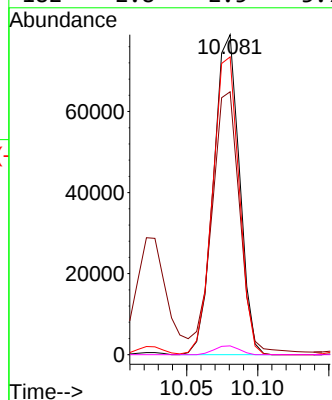
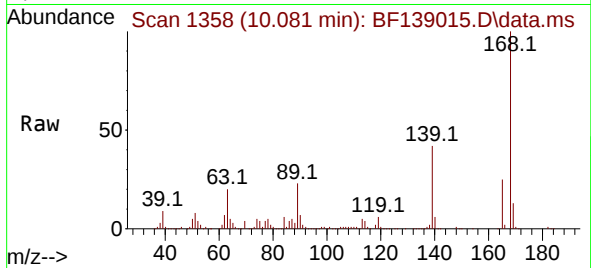
PB162727BS

Tgt Ion:165 Resp: 100227
Ion Ratio Lower Upper
165 100
63 82.1 46.3 69.5
89 93.0 64.2 96.4
182 2.8 2.5 3.7

Manual Integrations

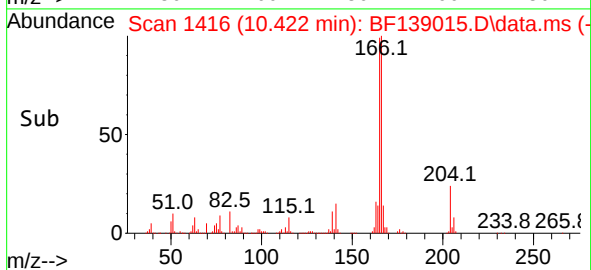
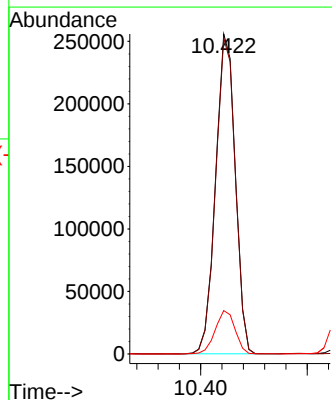
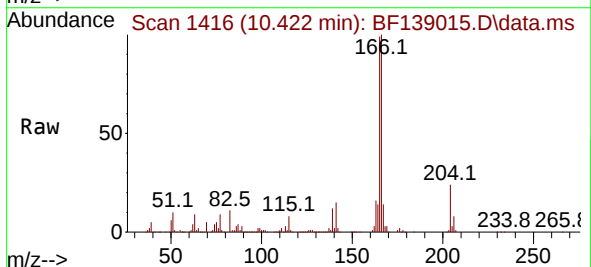
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#58
Fluorene
Concen: 48.070 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

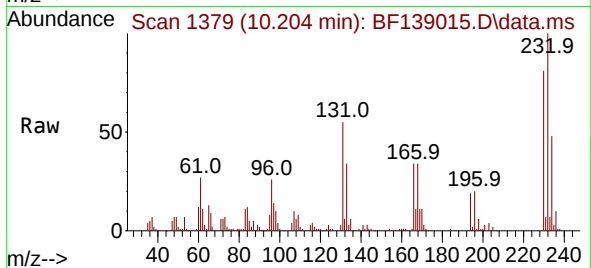
Tgt Ion:166 Resp: 326727
Ion Ratio Lower Upper
166 100
165 98.7 78.4 117.6
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.155 ng
RT: 10.204 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

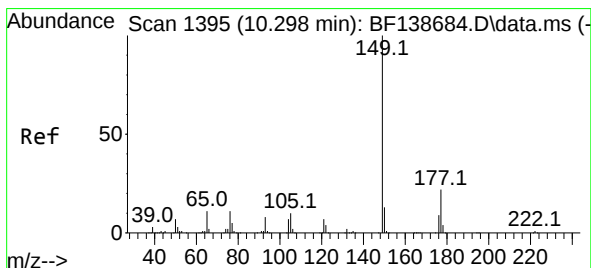
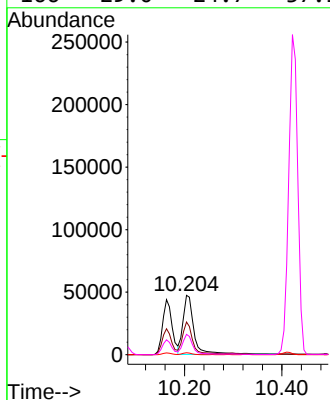
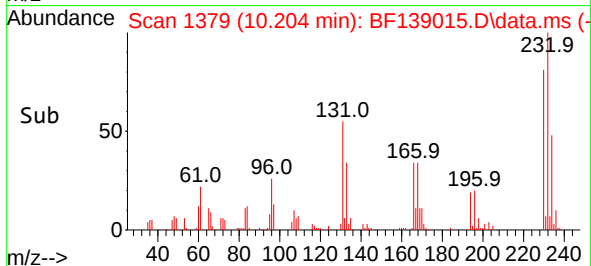
Instrument :
BNA_F
ClientSampleId :
PB162727BS



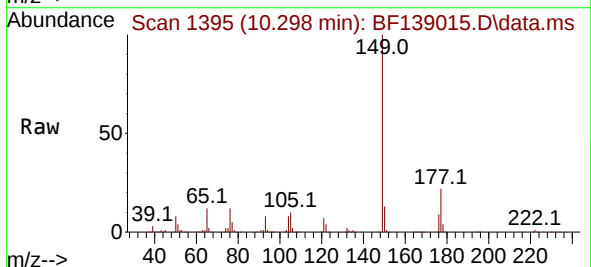
Tgt Ion:232 Resp: 74219
Ion Ratio Lower Upper
232 100
131 49.6 37.0 55.4
130 2.7 2.0 3.0
166 29.0 24.7 37.1

Manual Integrations
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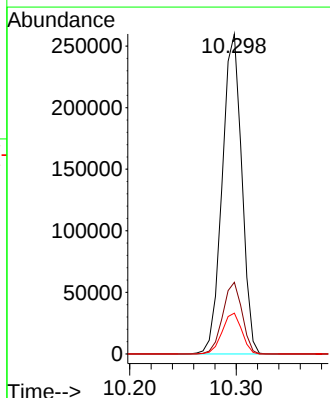
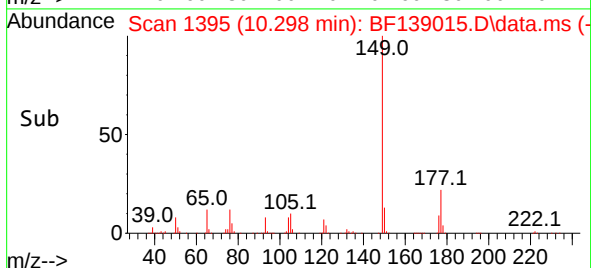
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

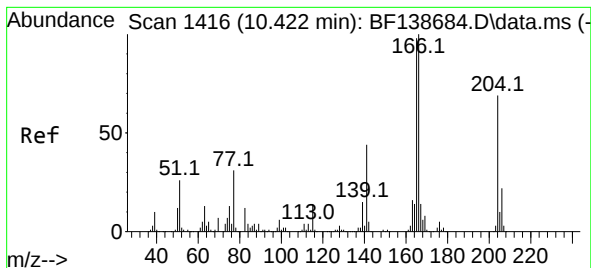


#60
Diethylphthalate
Concen: 50.076 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15



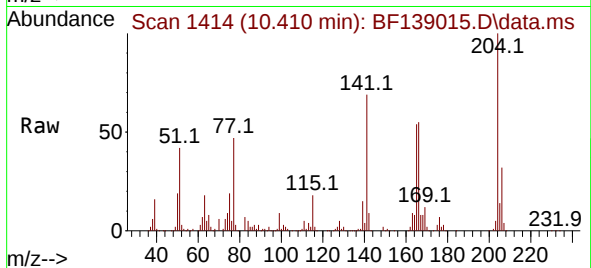
Tgt Ion:149 Resp: 330559
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.543 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

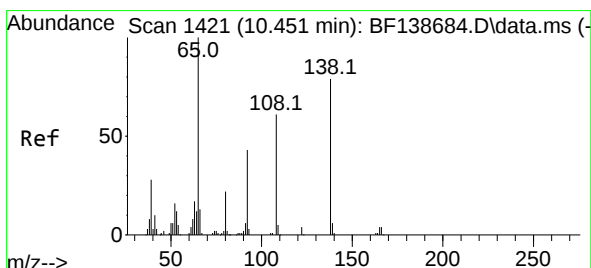
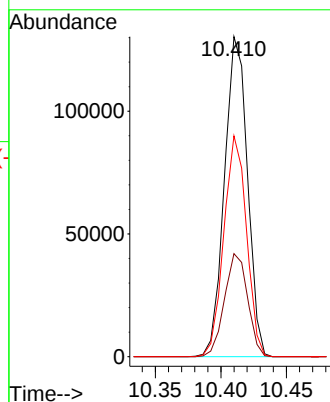
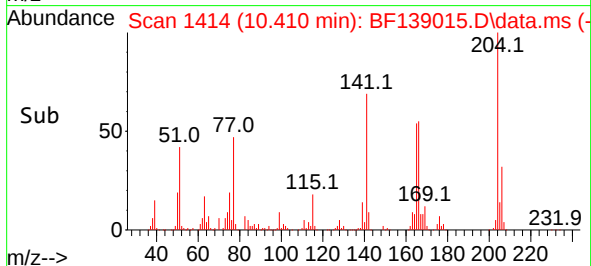
Instrument :
BNA_F
ClientSampleId :
PB162727BS



Tgt Ion:204 Resp: 15893
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 69.0 51.4 77.0

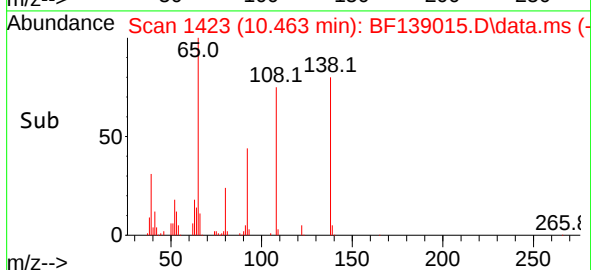
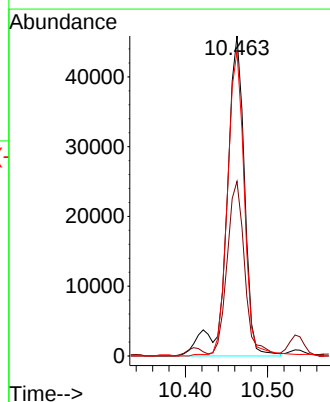
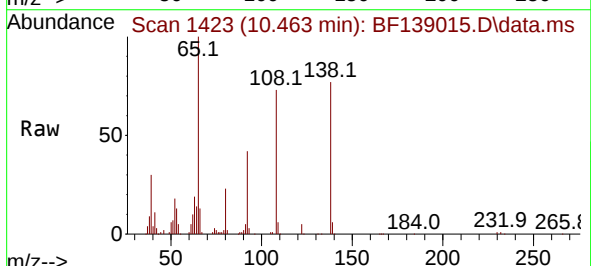
Manual Integrations
APPROVED

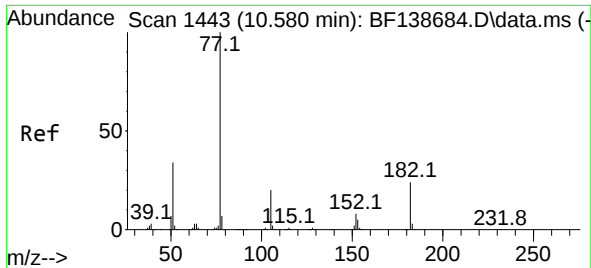
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#62
4-Nitroaniline
Concen: 44.594 ng m
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion:138 Resp: 68832
Ion Ratio Lower Upper
138 100
92 54.5 34.2 74.2
108 95.2 56.2 96.2





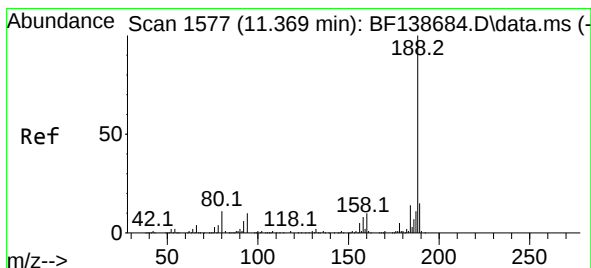
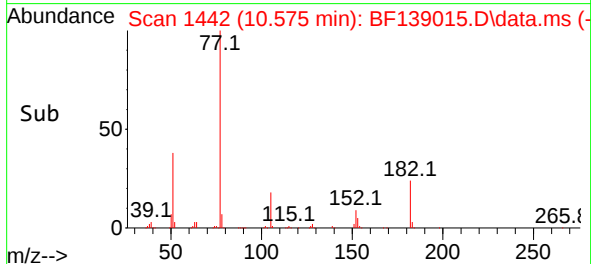
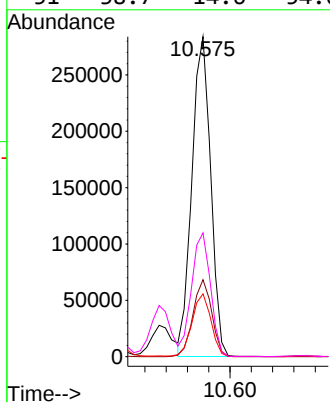
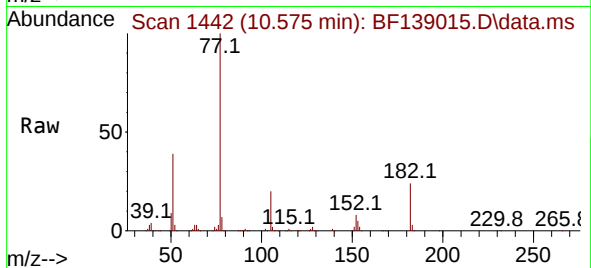
#63
Azobenzene
Concen: 47.551 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :
BNA_F
ClientSampleId :
PB162727BS

Tgt Ion: 77	Resp: 348134
Ion Ratio	Lower Upper
77 100	
182 24.1	3.4 43.4
105 19.6	0.2 40.2
51 38.7	14.6 54.6

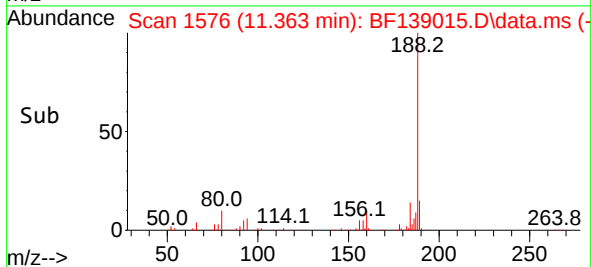
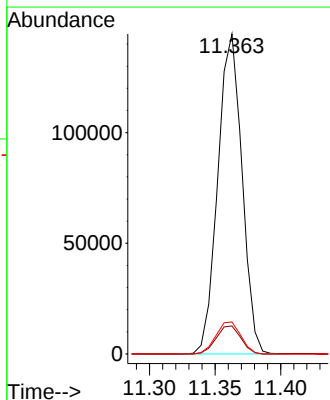
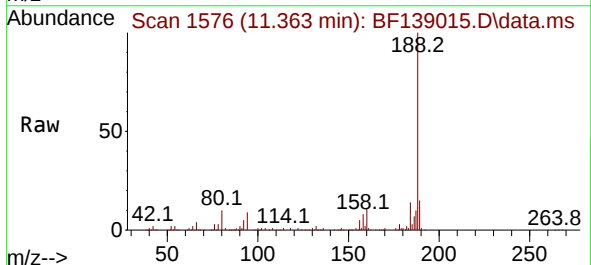
Manual Integrations
APPROVED

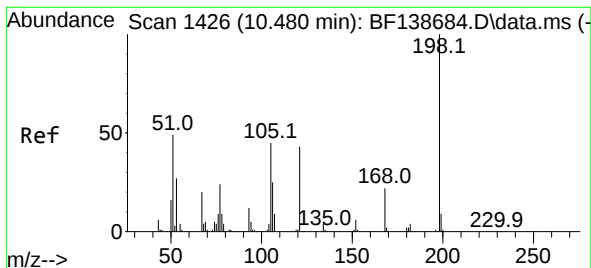
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion:188	Resp: 185241
Ion Ratio	Lower Upper
188 100	
94 8.8	7.6 11.4
80 10.0	8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 47.765 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

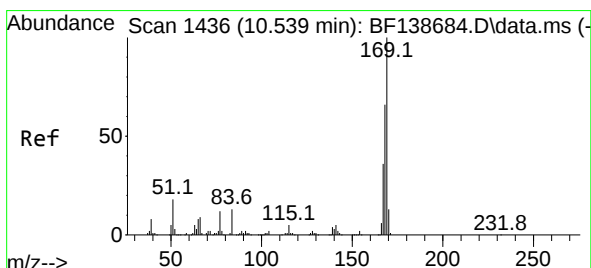
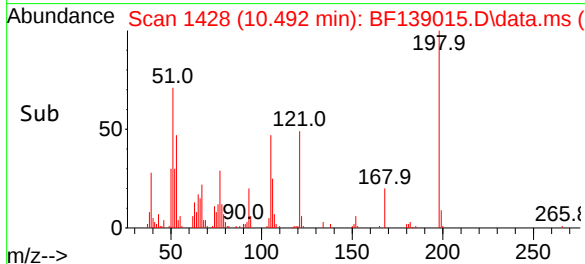
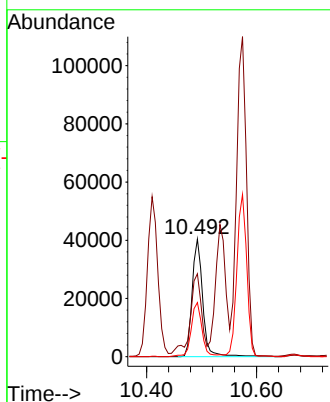
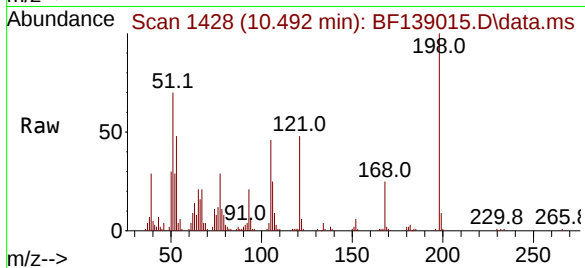
PB162727BS

Tgt Ion:198 Resp: 5398
Ion Ratio Lower Upper
198 100
51 70.5 39.9 79.9
105 46.0 26.1 66.1

Manual Integrations

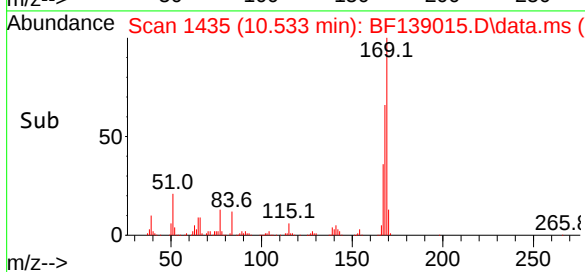
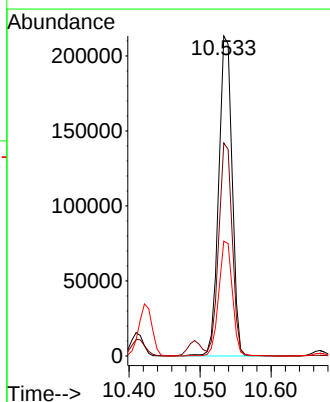
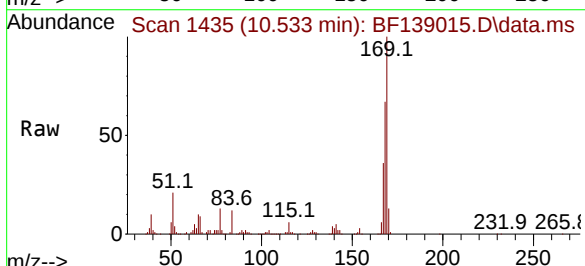
APPROVED

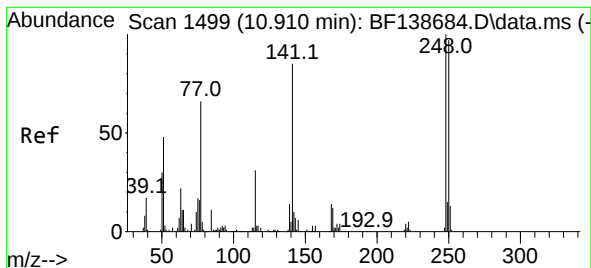
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#66
n-Nitrosodiphenylamine
Concen: 48.139 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

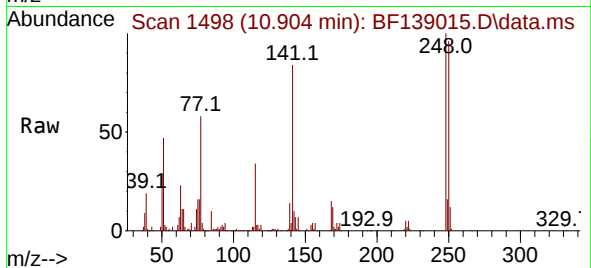
Tgt Ion:169 Resp: 278736
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 35.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.027 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

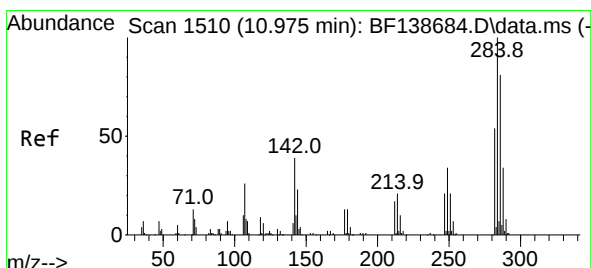
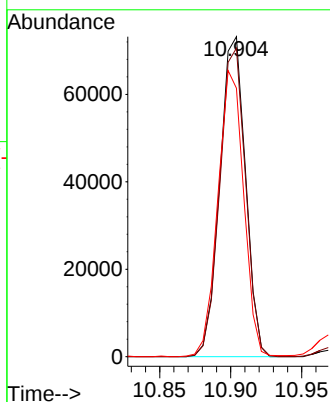
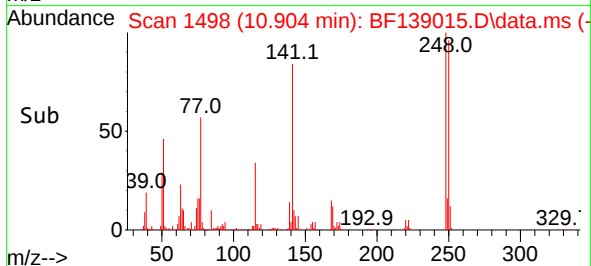
Instrument :
BNA_F
ClientSampleId :
PB162727BS



Tgt Ion:248 Resp: 92310
Ion Ratio Lower Upper
248 100
250 96.4 77.7 116.5
141 83.9 68.0 102.0

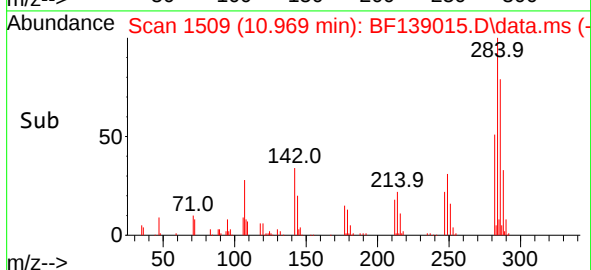
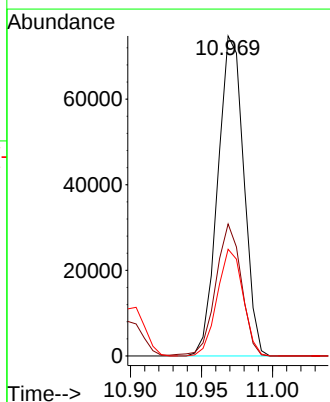
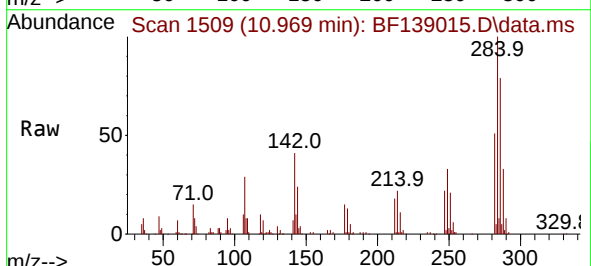
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#68
Hexachlorobenzene
Concen: 45.893 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion:284 Resp: 95034
Ion Ratio Lower Upper
284 100
142 41.2 31.3 46.9
249 33.3 27.2 40.8





#69

Atrazine

Concen: 54.327 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF139015.D

Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

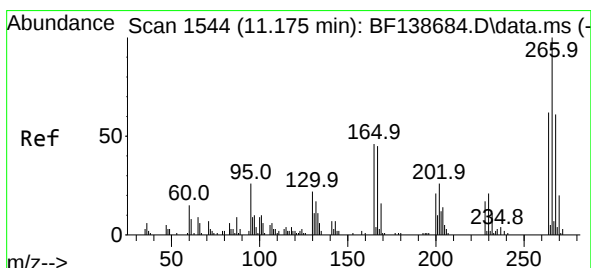
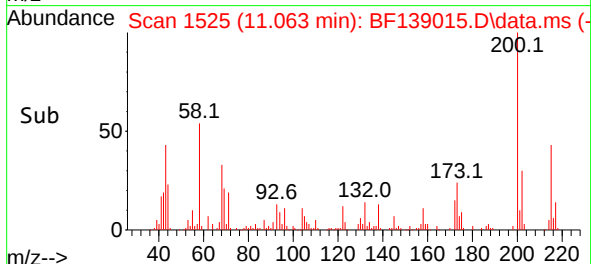
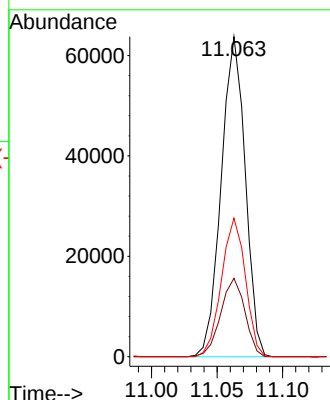
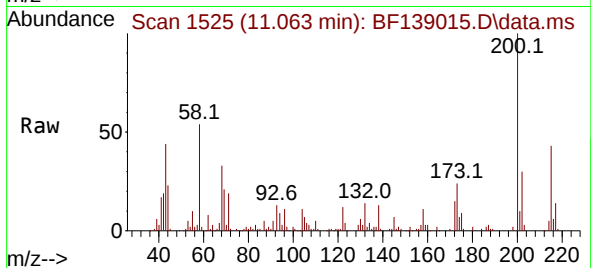
PB162727BS

Tgt Ion:200 Resp: 81158
 Ion Ratio Lower Upper
 200 100
 173 24.5 6.0 46.0
 215 43.3 26.1 66.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



#70

Pentachlorophenol

Concen: 69.190 ng

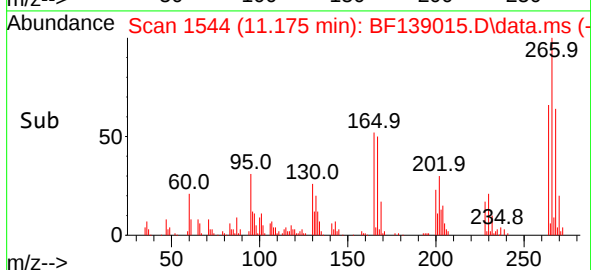
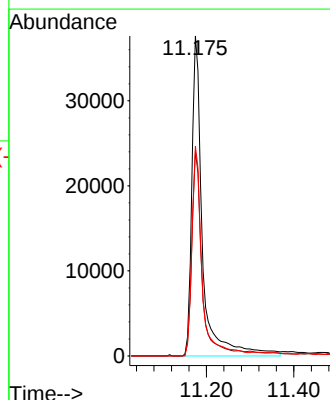
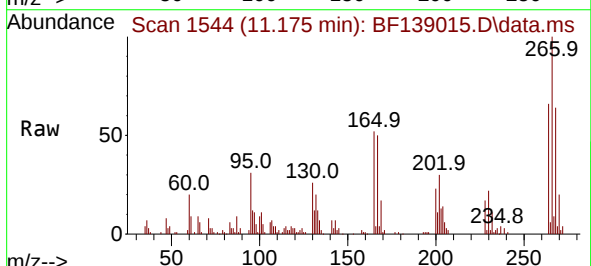
RT: 11.175 min Scan# 1544

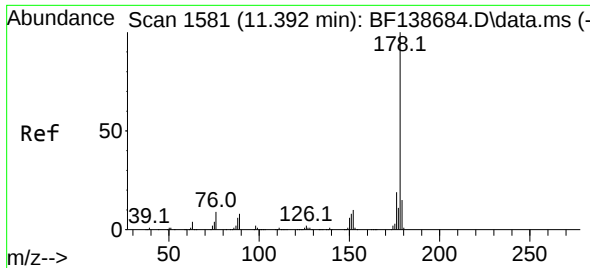
Delta R.T. -0.000 min

Lab File: BF139015.D

Acq: 15 Aug 2024 11:15

Tgt Ion:266 Resp: 64581
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.2 73.8
 264 65.6 49.8 74.6





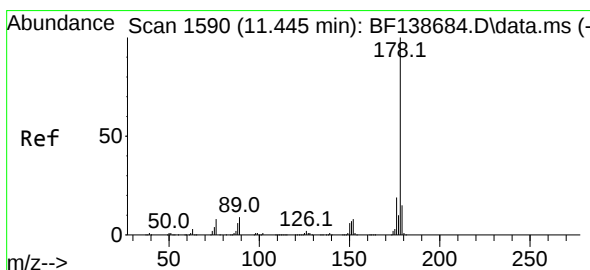
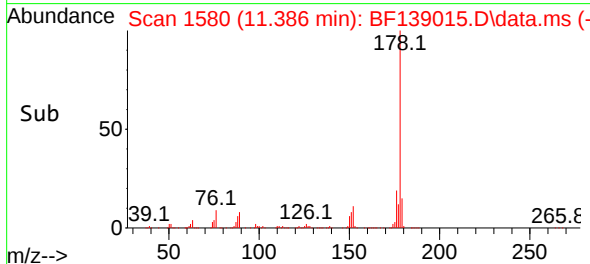
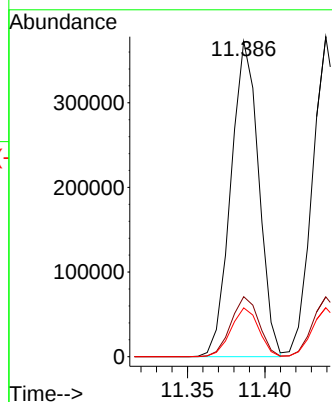
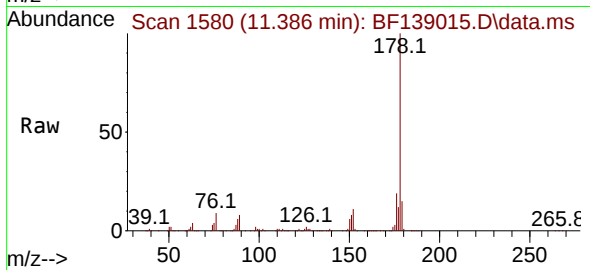
#71
Phenanthrene
Concen: 48.860 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :
BNA_F
ClientSampleId :
PB162727BS

Tgt Ion:178 Resp: 46605
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.5 12.2 18.2

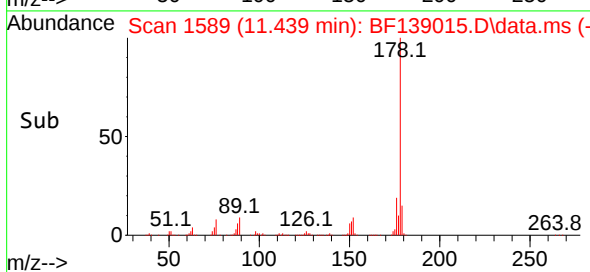
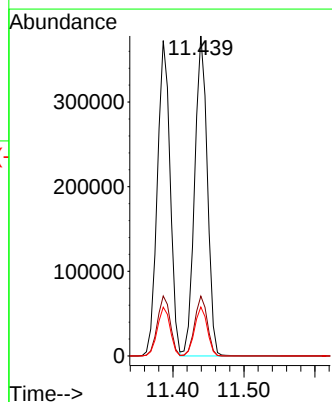
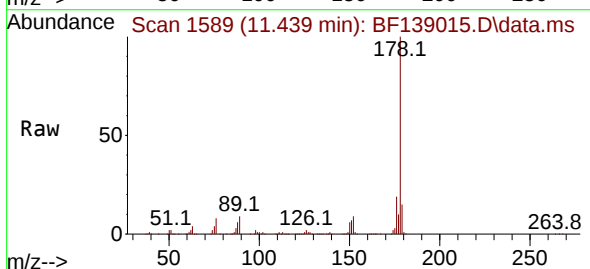
Manual Integrations
APPROVED

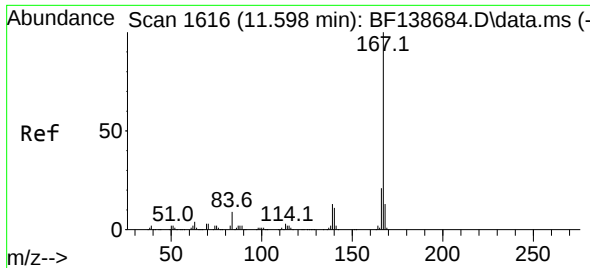
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#72
Anthracene
Concen: 49.902 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

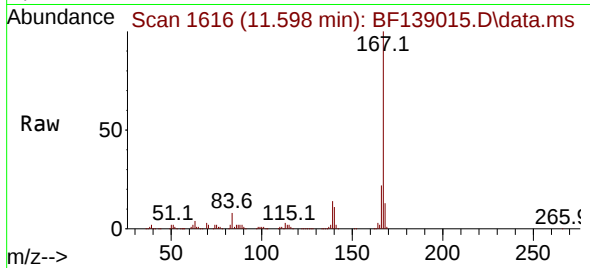
Tgt Ion:178 Resp: 468917
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 47.018 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF139015.D
 Acq: 15 Aug 2024 11:15

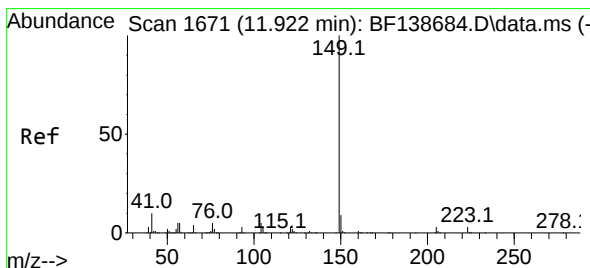
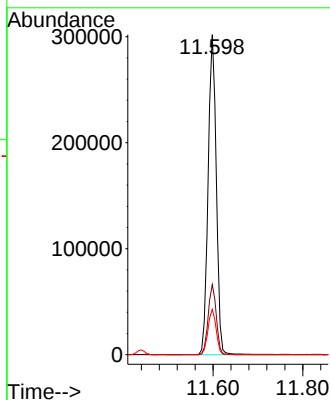
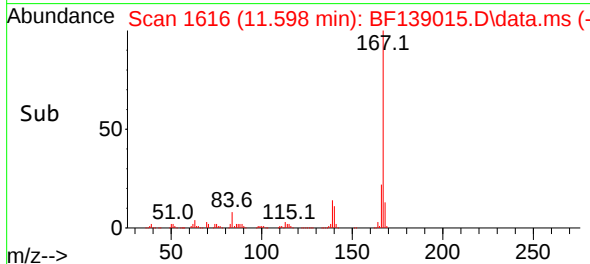
Instrument :
 BNA_F
 ClientSampleId :
 PB162727BS



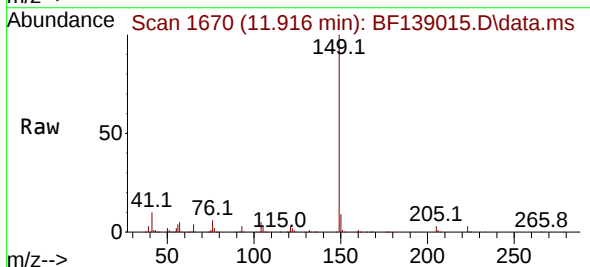
Tgt Ion:167 Resp: 381172
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 14.2 10.6 16.0

Manual Integrations
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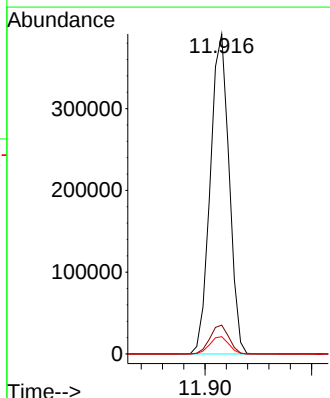
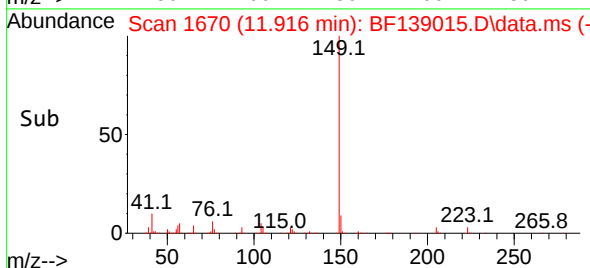
Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



#74
 Di-n-butylphthalate
 Concen: 52.700 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF139015.D
 Acq: 15 Aug 2024 11:15



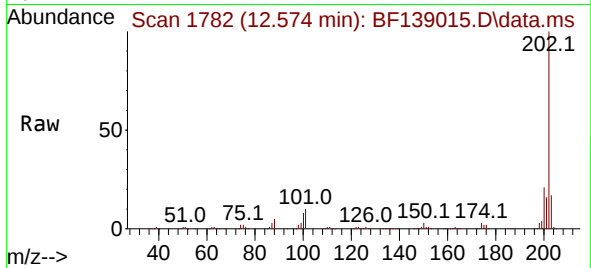
Tgt Ion:149 Resp: 480287
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 46.056 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

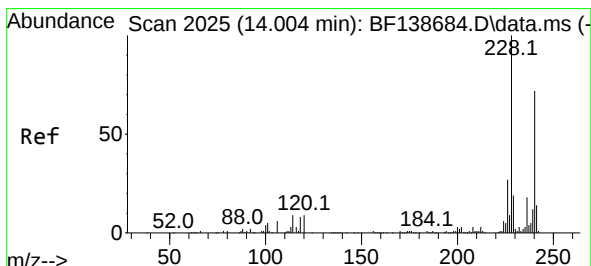
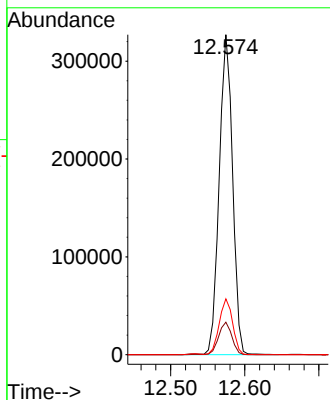
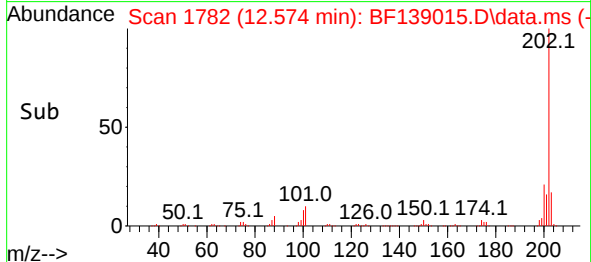
Instrument :
BNA_F
ClientSampleId :
PB162727BS



Tgt Ion:202 Resp: 41011
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.2
203 17.5 0.0 37.3

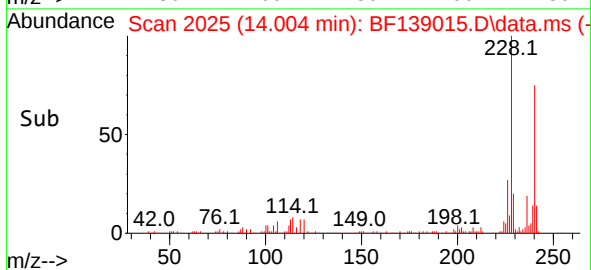
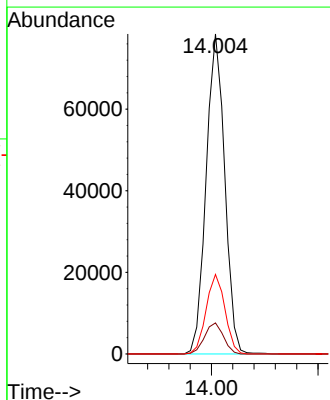
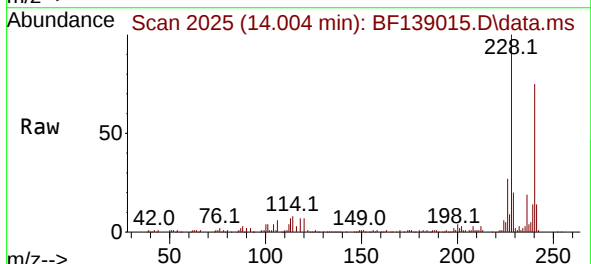
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

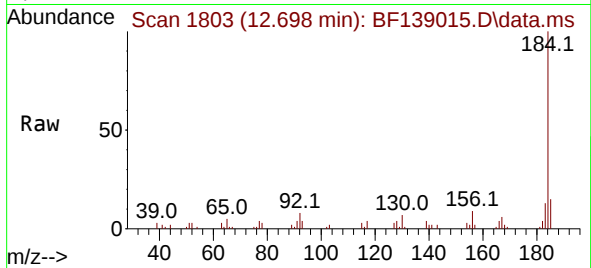
Tgt Ion:240 Resp: 95091
Ion Ratio Lower Upper
240 100
120 9.7 10.2 15.4#
236 24.8 19.8 29.8





#77
Benzidine
Concen: 10.847 ng m
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

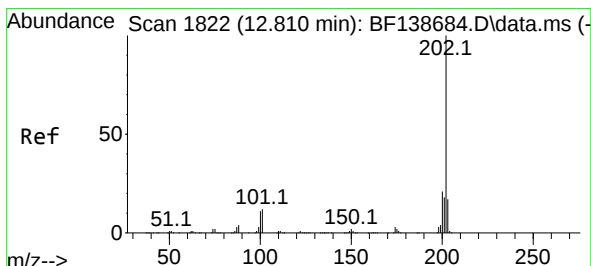
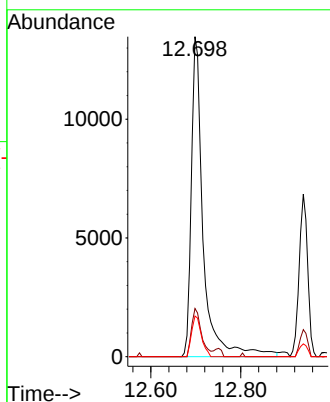
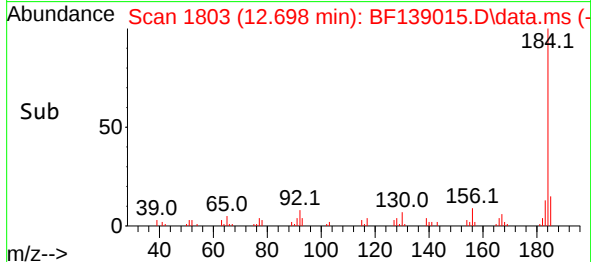
Instrument :
BNA_F
ClientSampleId :
PB162727BS



Tgt Ion:184 Resp: 2467
Ion Ratio Lower Upper
184 100
185 15.0 11.1 16.7
183 12.7 9.6 14.4

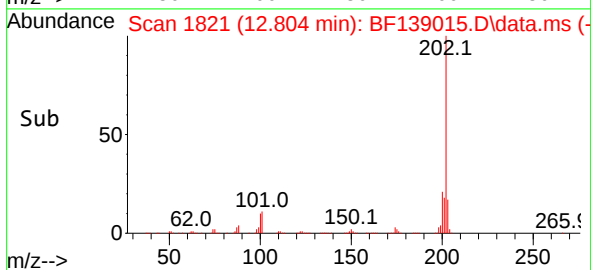
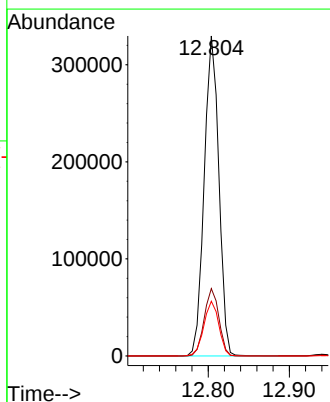
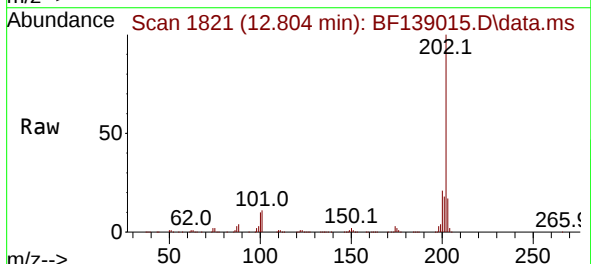
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#78
Pyrene
Concen: 46.012 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion:202 Resp: 411952
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.1 13.8 20.6





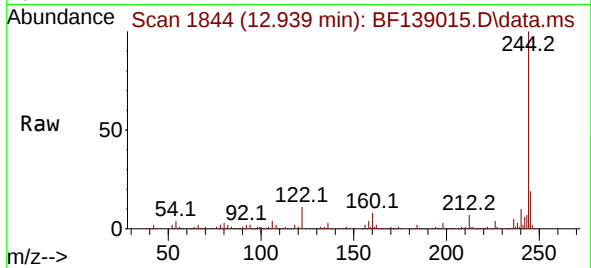
#79
 Terphenyl-d14
 Concen: 101.786 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF139015.D
 Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

PB162727BS

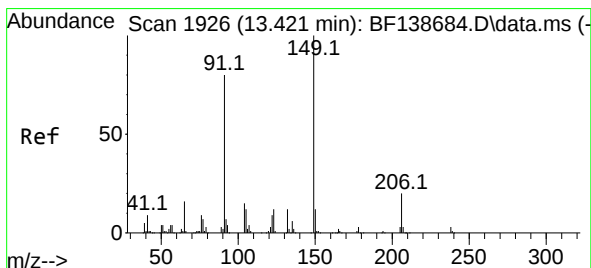
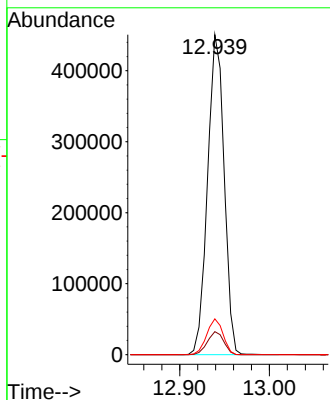
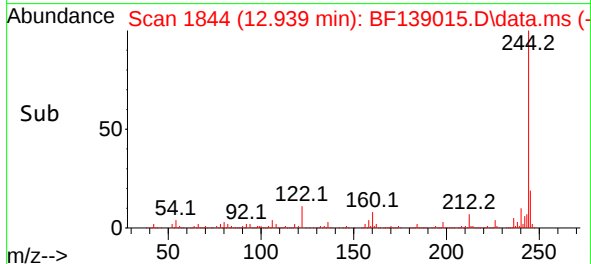


Tgt Ion:244 Resp: 578100
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.2 9.6 14.4

Manual Integrations

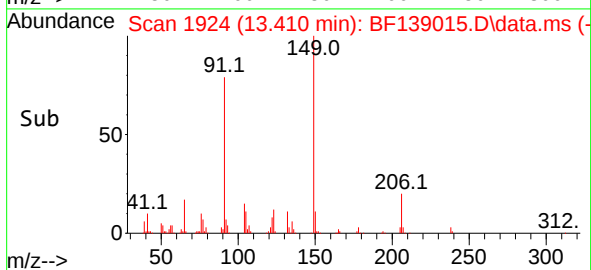
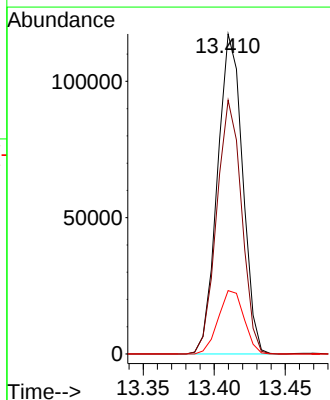
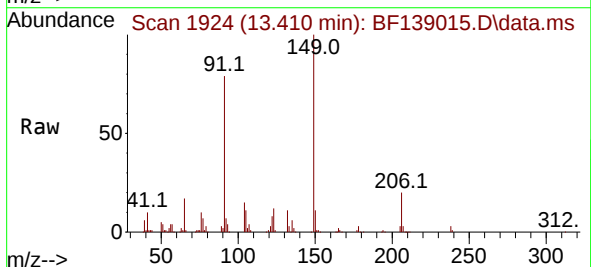
APPROVED

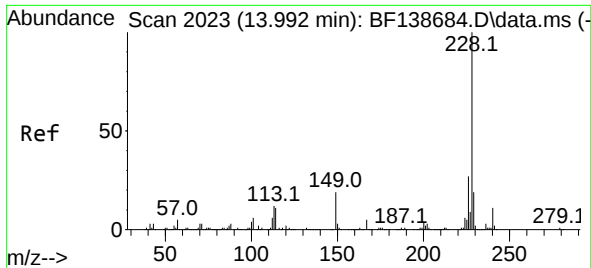
Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



#80
 Butylbenzylphthalate
 Concen: 50.325 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF139015.D
 Acq: 15 Aug 2024 11:15

Tgt Ion:149 Resp: 144283
 Ion Ratio Lower Upper
 149 100
 91 79.3 63.7 95.5
 206 19.8 16.2 24.2





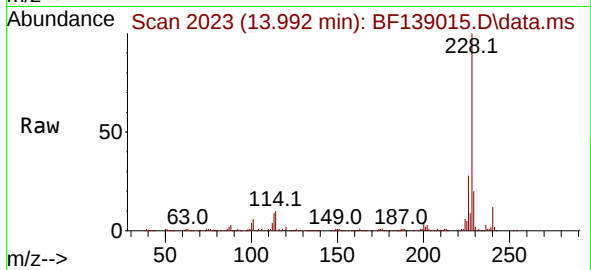
#81
Benzo(a)anthracene
Concen: 45.538 ng
RT: 13.992 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

PB162727BS

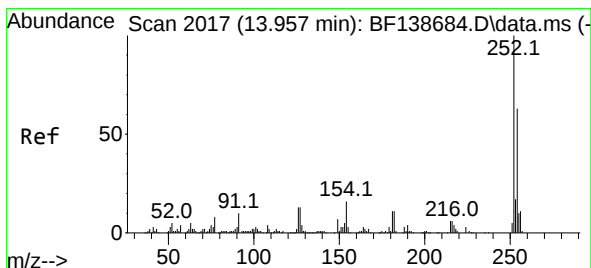
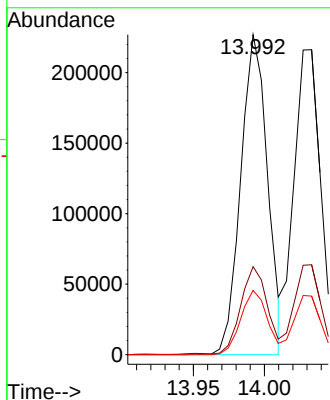
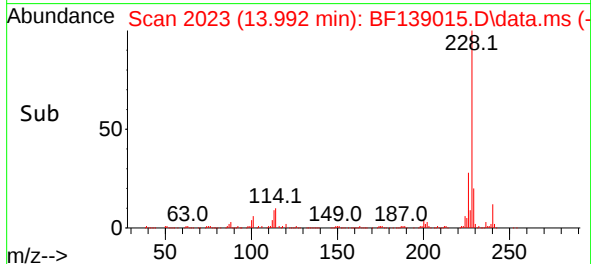


Tgt Ion:228 Resp: 298189
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 20.1 15.4 23.0

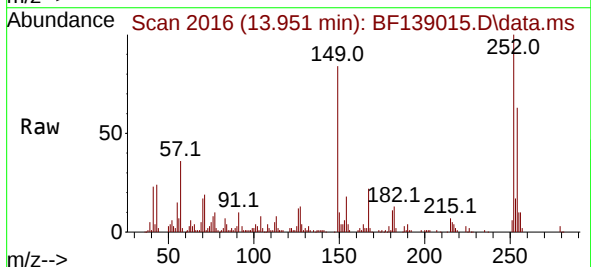
Manual Integrations

APPROVED

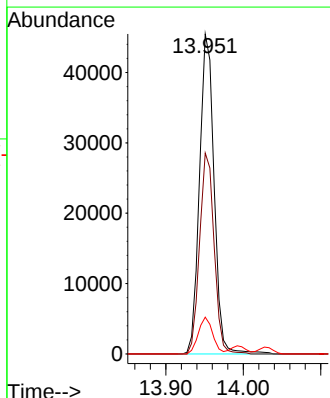
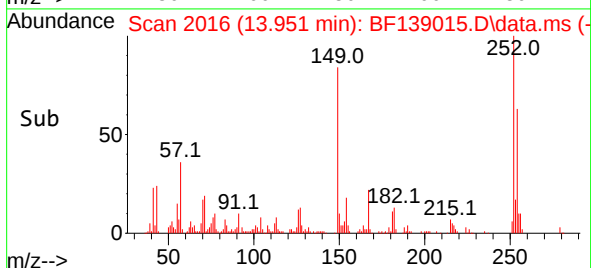
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#82
3,3'-Dichlorobenzidine
Concen: 35.553 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15



Tgt Ion:252 Resp: 59576
Ion Ratio Lower Upper
252 100
254 62.8 50.8 76.2
126 11.5 10.2 15.2





#83

Chrysene

Concen: 47.932 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139015.D

Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

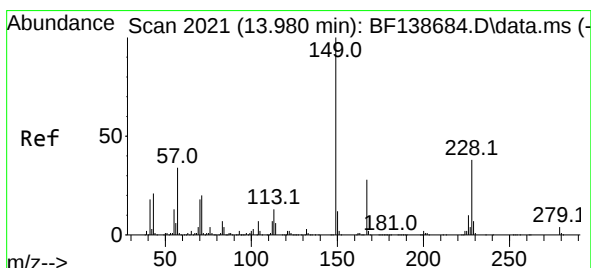
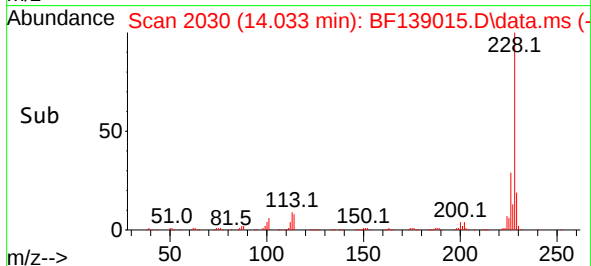
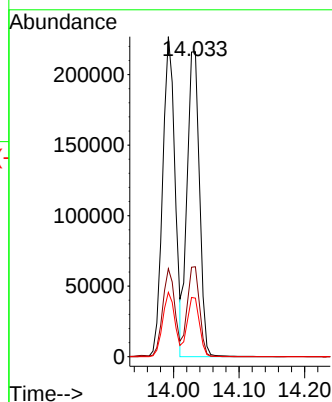
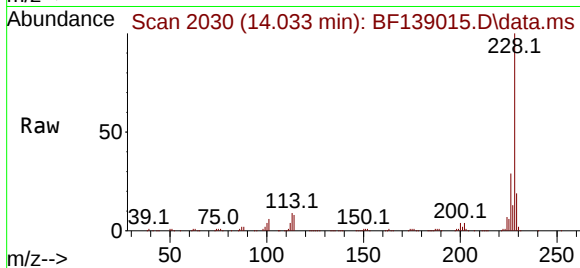
PB162727BS

Tgt Ion:228	Resp: 283170
Ion Ratio	Lower Upper
228 100	
226 29.5	23.7 35.5
229 19.2	15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.786 ng

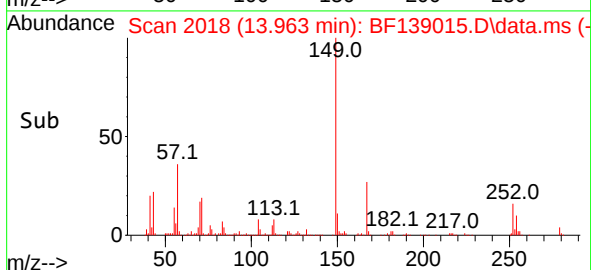
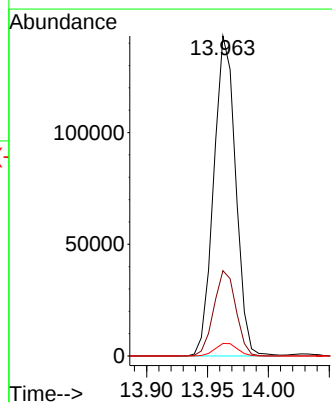
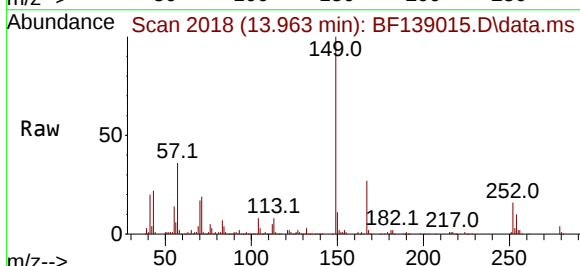
RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139015.D

Acq: 15 Aug 2024 11:15

Tgt Ion:149	Resp: 179628
Ion Ratio	Lower Upper
149 100	
167 26.7	22.2 33.4
279 3.9	3.4 5.0





#85

Di-n-octyl phthalate

Concen: 39.309 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF139015.D

Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

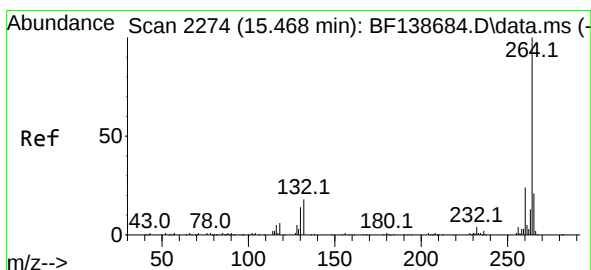
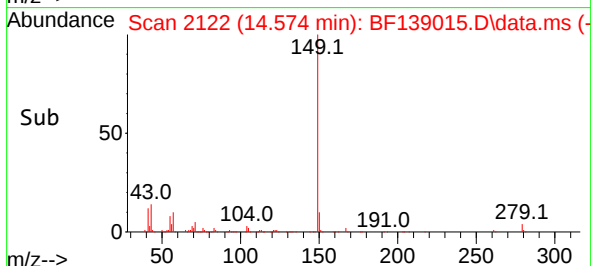
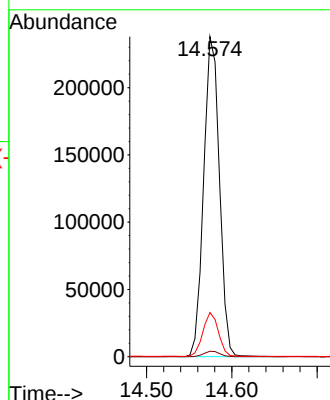
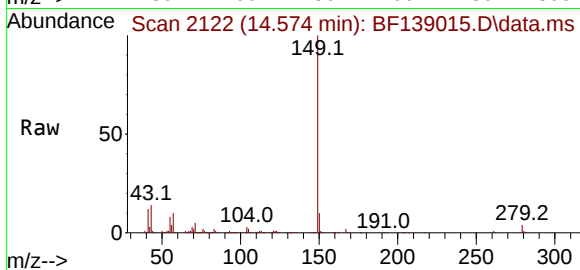
PB162727BS

Tgt Ion:149 Resp: 30533
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 13.5 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



#86

Perylene-d12

Concen: 20.000 ng

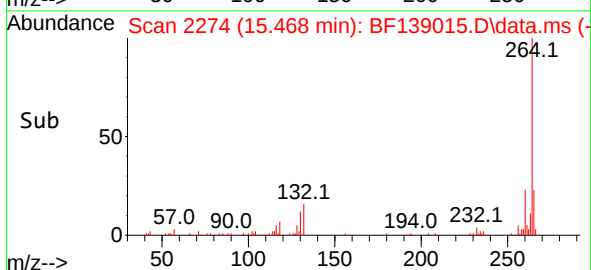
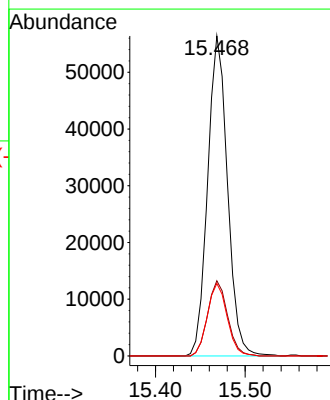
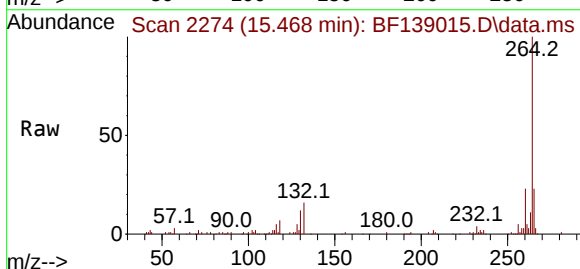
RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139015.D

Acq: 15 Aug 2024 11:15

Tgt Ion:264 Resp: 86651
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 22.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.989 ng

RT: 16.957 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139015.D

Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

PB162727BS

Tgt Ion:276 Resp: 304209

Ion Ratio Lower Upper

276 100

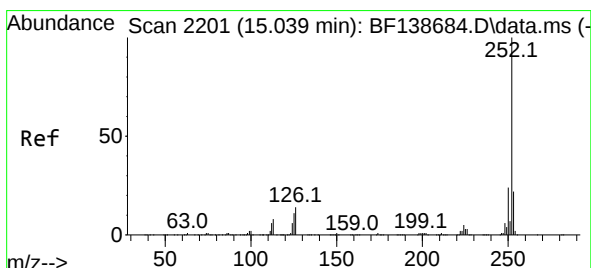
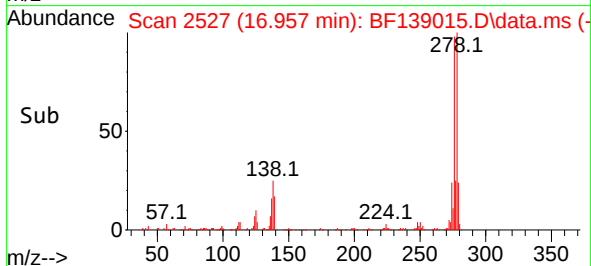
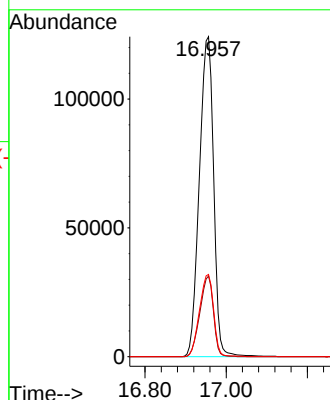
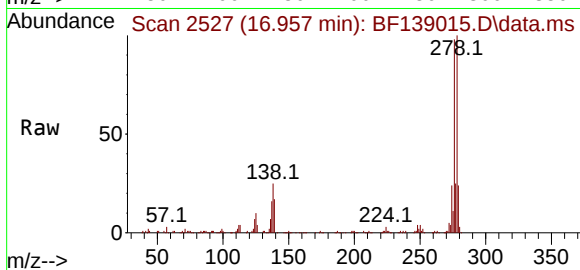
138 23.8 21.8 32.8

277 25.4 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#88

Benzo(b)fluoranthene

Concen: 51.117 ng

RT: 15.045 min Scan# 2202

Delta R.T. 0.006 min

Lab File: BF139015.D

Acq: 15 Aug 2024 11:15

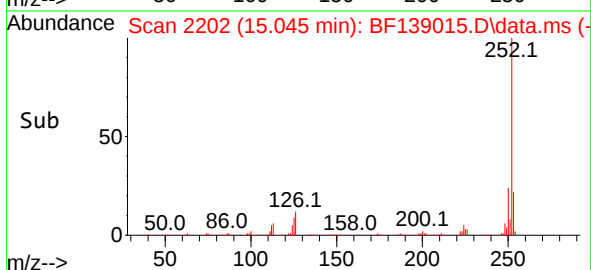
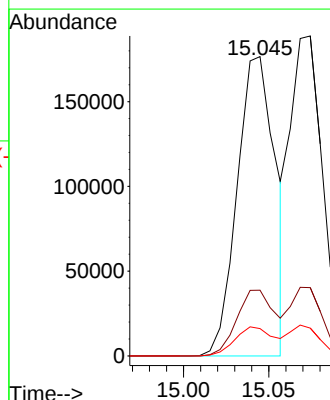
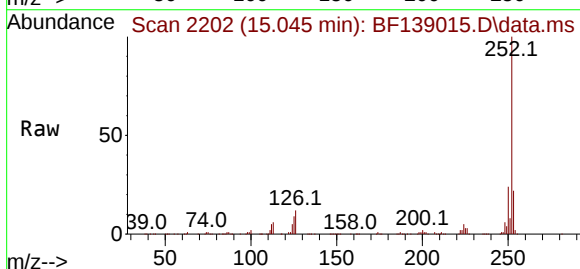
Tgt Ion:252 Resp: 274578

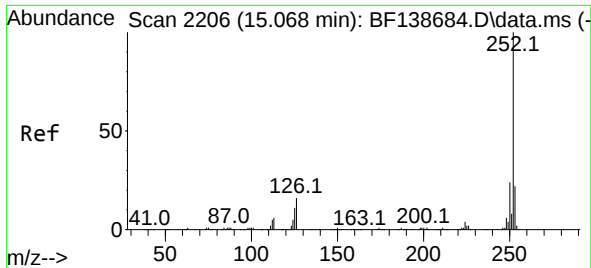
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.1 8.9 13.3





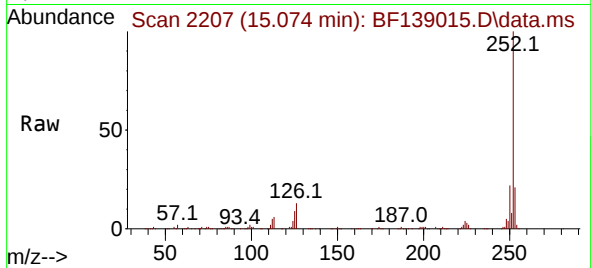
#89
Benzo(k)fluoranthene
Concen: 53.887 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

ClientSampleId :

PB162727BS

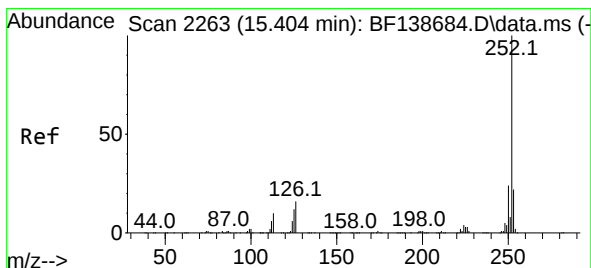
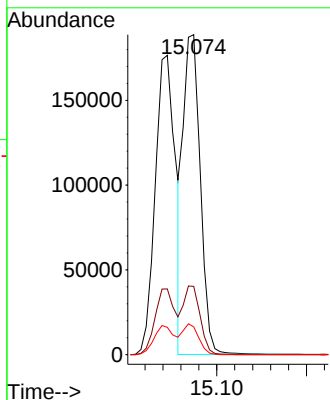
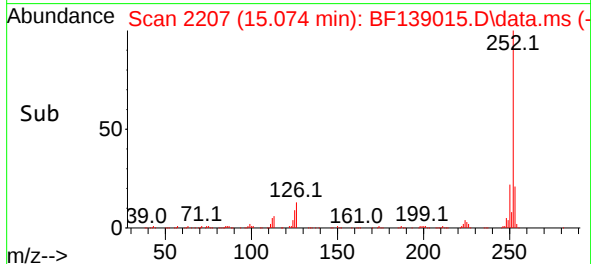


Tgt Ion:252 Resp: 250611
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 8.7 8.6 13.0

Manual Integrations

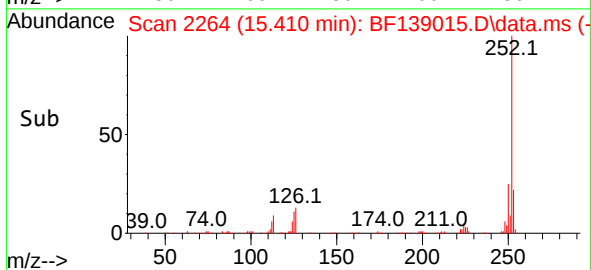
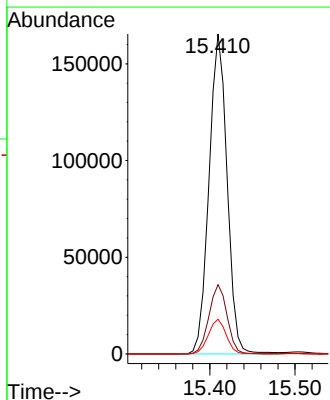
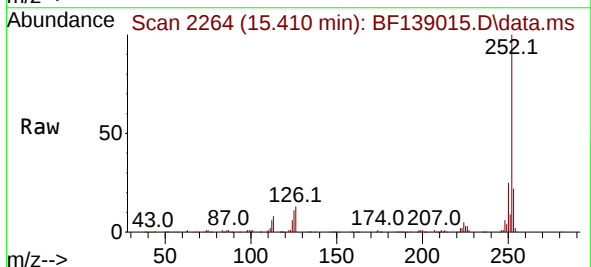
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#90
Benzo(a)pyrene
Concen: 53.929 ng
RT: 15.410 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion:252 Resp: 243665
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.8 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 47.986 ng
RT: 16.957 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Instrument :

BNA_F

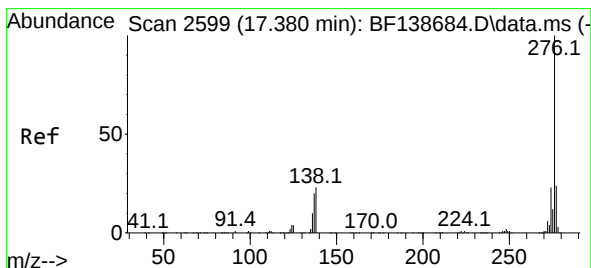
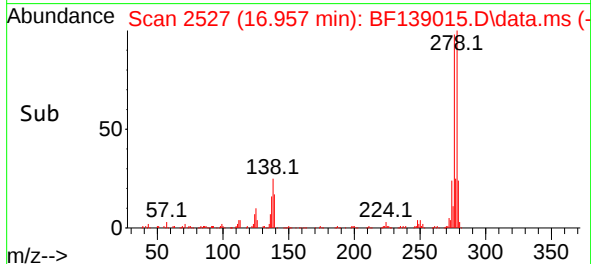
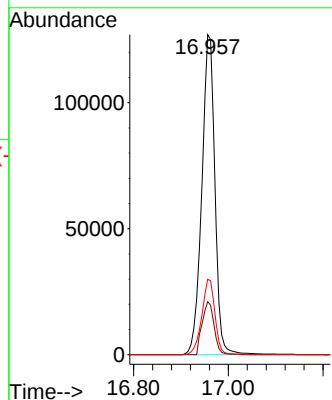
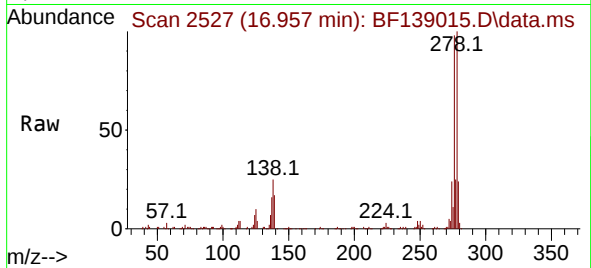
ClientSampleId :

PB162727BS

Tgt Ion:278 Resp: 244600
Ion Ratio Lower Upper
278 100
139 16.6 14.0 21.0
279 23.6 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#92
Benzo(g,h,i)perylene
Concen: 44.587 ng
RT: 17.398 min Scan# 2602
Delta R.T. 0.018 min
Lab File: BF139015.D
Acq: 15 Aug 2024 11:15

Tgt Ion:276 Resp: 235847
Ion Ratio Lower Upper
276 100
277 22.2 19.0 28.4
138 19.8 18.5 27.7

