

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139095.D
 Acq On : 21 Aug 2024 11:52
 Operator : RC/JU
 Sample : P3663-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 914-J-SD-0-1-081624MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024

Quant Time: Aug 21 12:24:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	90429	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	341193	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	195409	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	318526	20.000	ng	0.00
76) Chrysene-d12	14.057	240	148531	20.000	ng	0.00
86) Perylene-d12	15.533	264	196106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	491980	83.703	ng	0.00
7) Phenol-d6	6.522	99	651630	85.801	ng	0.00
23) Nitrobenzene-d5	7.457	82	404720	69.119	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	146281	82.691	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	583294	47.360	ng	0.00
79) Terphenyl-d14	13.004	244	398974	44.571	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	103301	40.976	ng	99
3) Pyridine	3.504	79	282319	44.069	ng	99
4) n-Nitrosodimethylamine	3.457	42	174240	45.024	ng	98
6) Aniline	6.557	93	376854	54.966	ng	100
8) 2-Chlorophenol	6.681	128	278877	49.329	ng	97
9) Benzaldehyde	6.445	77	158155	35.507	ng	99
10) Phenol	6.534	94	391840	49.586	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	281685	44.325	ng	98
12) 1,3-Dichlorobenzene	6.839	146	302476	44.501	ng	100
13) 1,4-Dichlorobenzene	6.916	146	312331	45.958	ng	99
14) 1,2-Dichlorobenzene	7.069	146	297688	47.928	ng	99
15) Benzyl Alcohol	7.034	79	302690	50.427	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	437138	48.832	ng	100
17) 2-Methylphenol	7.145	107	236960	48.994	ng	99
18) Hexachloroethane	7.410	117	112652	47.271	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	237922	47.704	ng	99
20) 3+4-Methylphenols	7.298	107	303831	48.486	ng	93
22) Acetophenone	7.304	105	412231	47.319	ng	94
24) Nitrobenzene	7.475	77	341503	52.471	ng	99
25) Isophorone	7.716	82	619323	49.763	ng	99
26) 2-Nitrophenol	7.792	139	128487	55.609	ng	99
27) 2,4-Dimethylphenol	7.828	122	229847	58.240	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	343905	47.292	ng	99
29) 2,4-Dichlorophenol	8.034	162	238410	48.491	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	257678	44.758	ng	100
31) Naphthalene	8.204	128	811927	46.960	ng	100
32) Benzoic acid	7.939	122	157588	47.959	ng	94
33) 4-Chloroaniline	8.245	127	223580	37.758	ng	99
34) Hexachlorobutadiene	8.316	225	173785	46.210	ng	100
35) Caprolactam	8.616	113	74387m	47.721	ng	
36) 4-Chloro-3-methylphenol	8.722	107	265667	48.801	ng	100
37) 2-Methylnaphthalene	8.892	142	531738	47.947	ng	100
38) 1-Methylnaphthalene	8.992	142	489789	45.760	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	265341	50.023	ng	98
41) Hexachlorocyclopentadiene	9.045	237	350175	170.308	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	186432	51.640	ng	99

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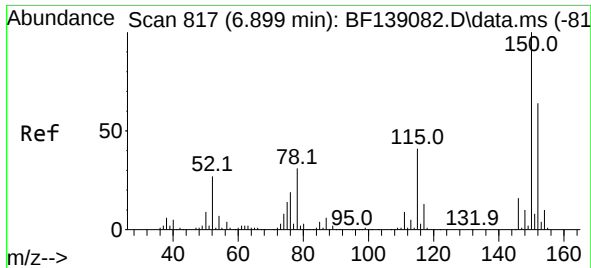
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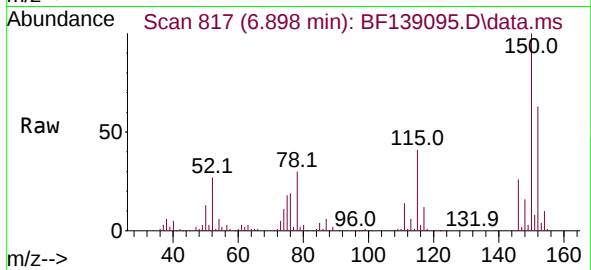
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	177630	47.934	ng	99
46) 1,1'-Biphenyl	9.357	154	657409	49.112	ng	100
47) 2-Chloronaphthalene	9.380	162	509909	46.882	ng	100
48) 2-Nitroaniline	9.475	65	170267	53.840	ng	99
49) Acenaphthylene	9.798	152	804536	51.637	ng	100
50) Dimethylphthalate	9.657	163	612090	50.738	ng	100
51) 2,6-Dinitrotoluene	9.716	165	126070	51.714	ng	98
52) Acenaphthene	9.969	154	553469	53.777	ng	99
53) 3-Nitroaniline	9.886	138	98044	40.736	ng	# 98
54) 2,4-Dinitrophenol	9.986	184	112804	95.515	ng	# 69
55) Dibenzofuran	10.139	168	729725	48.814	ng	99
56) 4-Nitrophenol	10.039	139	188641	103.449	ng	100
57) 2,4-Dinitrotoluene	10.122	165	162899	53.040	ng	96
58) Fluorene	10.480	166	566865	47.449	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	151469	50.907	ng	98
60) Diethylphthalate	10.357	149	595390	49.810	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	279784	46.891	ng	99
62) 4-Nitroaniline	10.498	138	117190	47.380	ng	97
63) Azobenzene	10.639	77	651310	49.032	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	73818	59.446	ng	98
66) n-Nitrosodiphenylamine	10.592	169	490014	51.991	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	176275	52.226	ng	99
68) Hexachlorobenzene	11.027	284	179140	49.472	ng	99
69) Atrazine	11.122	200	155154	53.902	ng	99
70) Pentachlorophenol	11.222	266	216122	93.437	ng	98
71) Phenanthrene	11.445	178	778578	48.090	ng	99
72) Anthracene	11.498	178	792302	50.040	ng	100
73) Carbazole	11.645	167	626755	42.391	ng	100
74) Di-n-butylphthalate	11.986	149	779596	45.475	ng	100
75) Fluoranthene	12.627	202	646483	37.412	ng	100
77) Benzidine	12.751	184	324674	105.822	ng	99
78) Pyrene	12.857	202	627661	50.638	ng	100
80) Butylbenzylphthalate	13.480	149	213413	49.767	ng	97
81) Benzo(a)anthracene	14.045	228	478562	49.014	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	144039	52.777	ng	99
83) Chrysene	14.080	228	459510	51.922	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	267666	47.083	ng	99
85) Di-n-octyl phthalate	14.662	149	488567	61.231	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	613226	53.430	ng	100
88) Benzo(b)fluoranthene	15.098	252	561665	43.932	ng	99
89) Benzo(k)fluoranthene	15.133	252	490480	46.062	ng	99
90) Benzo(a)pyrene	15.468	252	516790	51.156	ng	100
91) Dibenzo(a,h)anthracene	17.039	278	504288	53.525	ng	99
92) Benzo(g,h,i)perylene	17.468	276	435747	40.920	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF139095.D
 Acq: 21 Aug 2024 11:52

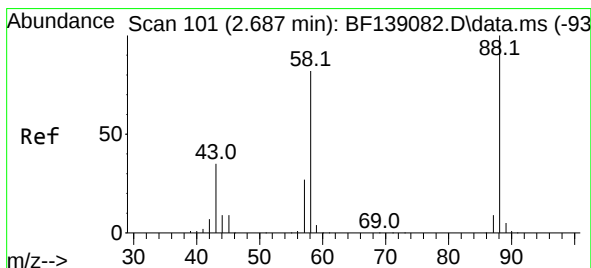
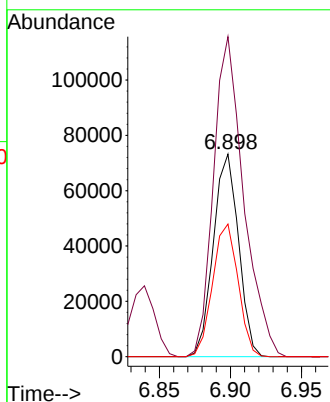
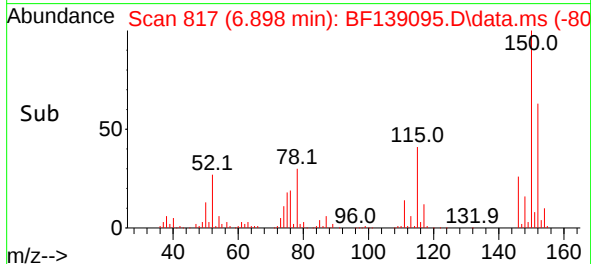
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 914-J-SD-0-1-081624MSD



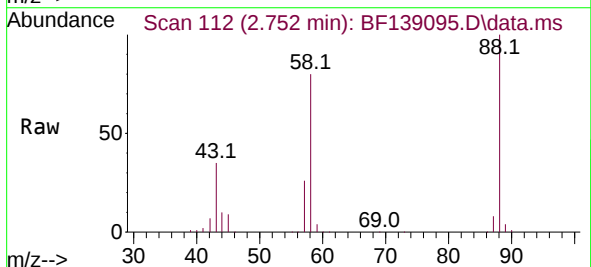
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 Ion Ratio Lower Upper
 152 100
 150 158.0 125.1 187.7
 115 65.5 51.8 77.6

Manual Integrations
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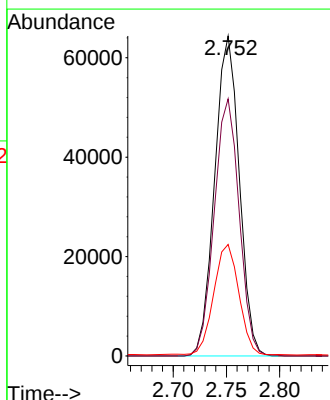
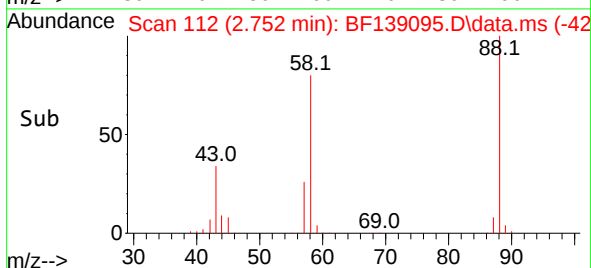
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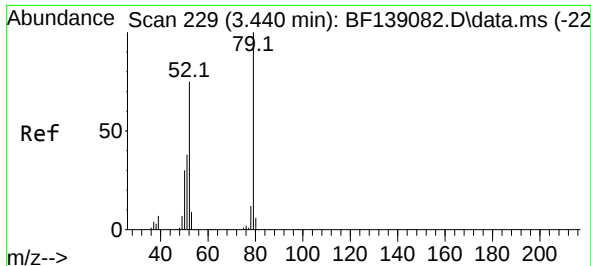


#2
 1,4-Dioxane
 Concen: 40.976 ng
 RT: 2.752 min Scan# 112
 Delta R.T. 0.064 min
 Lab File: BF139095.D
 Acq: 21 Aug 2024 11:52



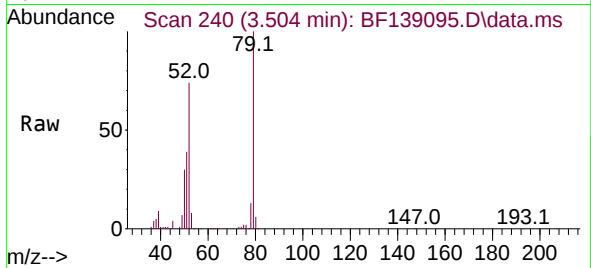
Tgt Ion: 88 Resp: 103301
 Ion Ratio Lower Upper
 88 100
 58 81.5 65.4 98.0
 43 35.5 27.9 41.9





#3
Pyridine
Concen: 44.069 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.064 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

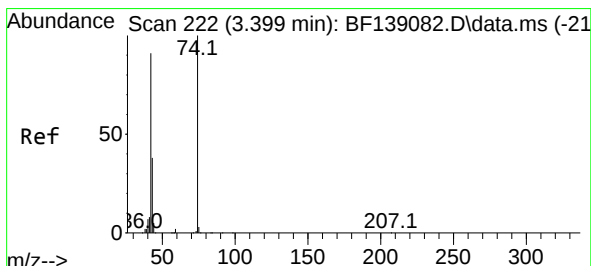
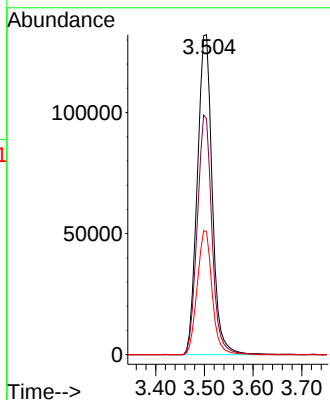
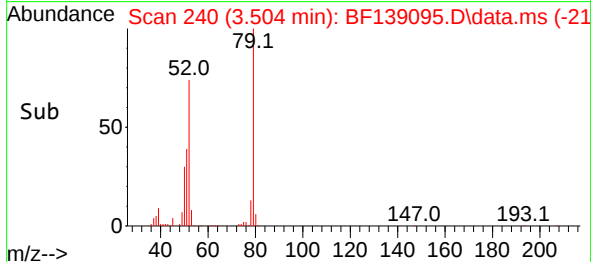
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



Tgt Ion: 79 Resp: 282319
Ion Ratio Lower Upper
79 100
52 73.8 59.7 89.5
51 38.5 30.6 45.8

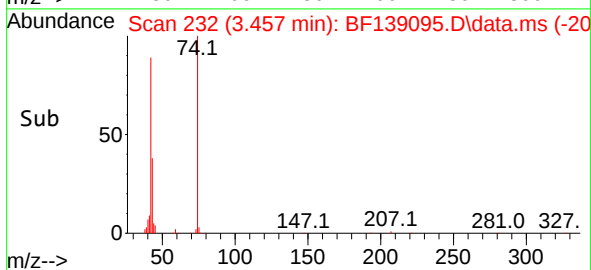
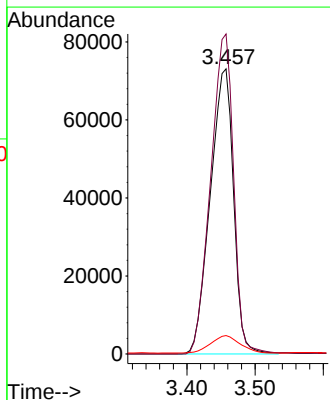
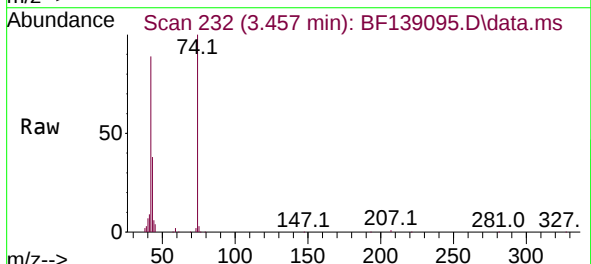
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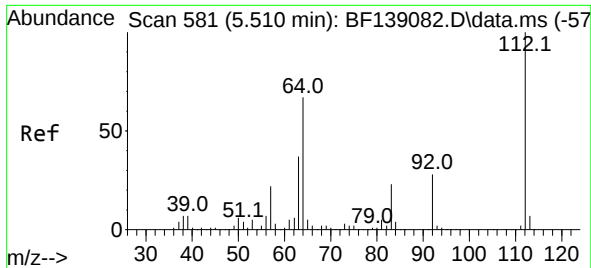
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#4
n-Nitrosodimethylamine
Concen: 45.024 ng
RT: 3.457 min Scan# 232
Delta R.T. 0.059 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

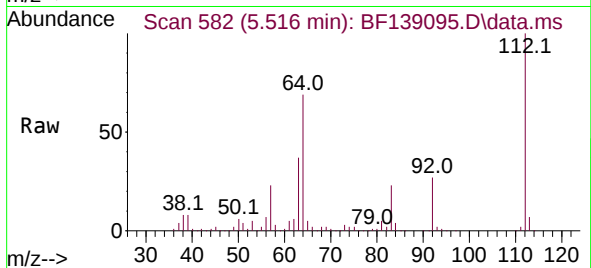
Tgt Ion: 42 Resp: 174240
Ion Ratio Lower Upper
42 100
74 112.2 88.2 132.2
44 6.4 5.4 8.0





#5
2-Fluorophenol
Concen: 83.703 ng
RT: 5.516 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

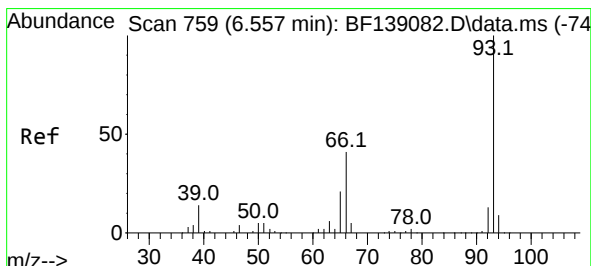
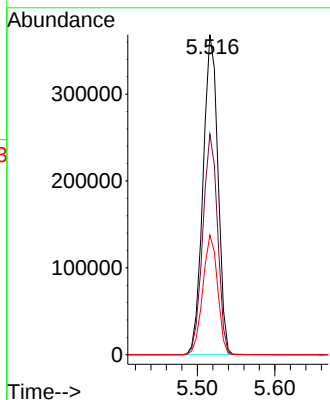
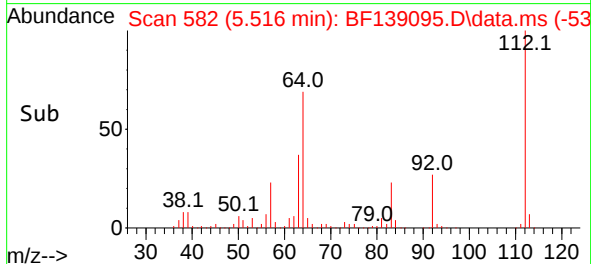
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Tgt Ion: 112 Resp: 491980
Ion Ratio Lower Upper
112 100
64 69.0 53.8 80.6
63 37.4 29.4 44.2

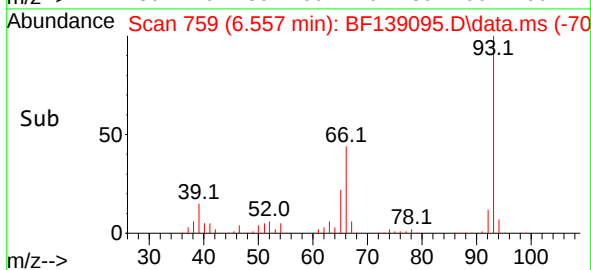
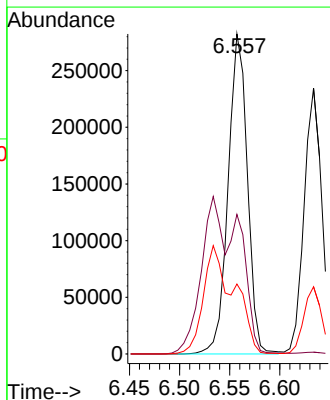
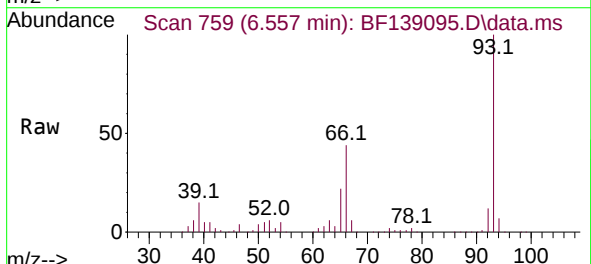
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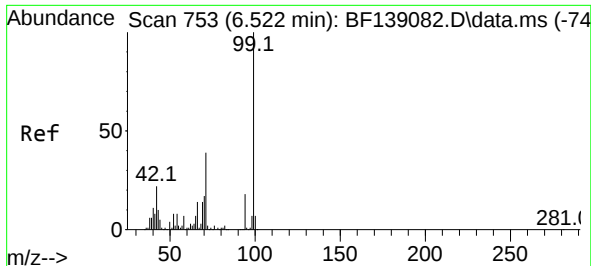
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#6
Aniline
Concen: 54.966 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

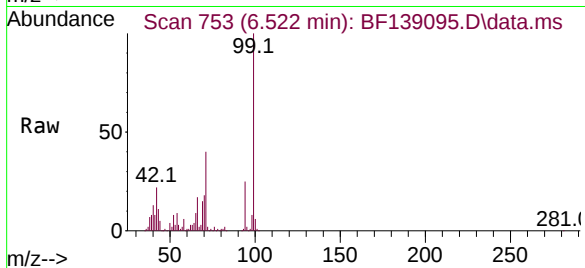
Tgt Ion: 93 Resp: 376854
Ion Ratio Lower Upper
93 100
66 43.6 35.1 52.7
65 21.9 17.4 26.2





#7
Phenol-d6
Concen: 85.801 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

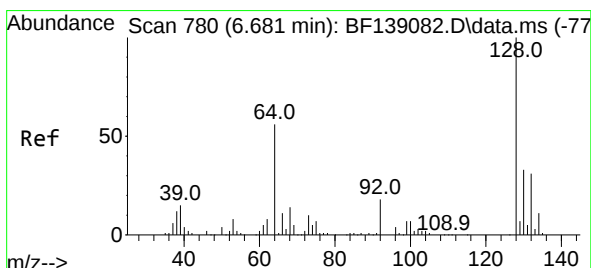
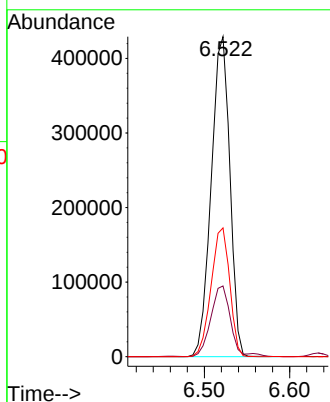
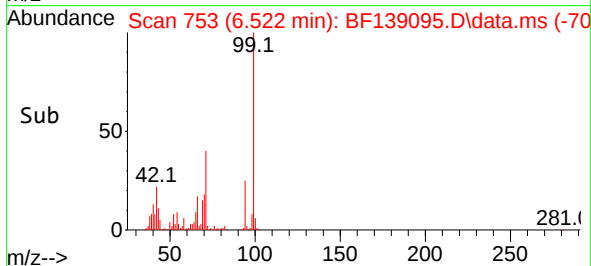
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Tgt Ion: 99 Resp: 651630
Ion Ratio Lower Upper
99 100
42 22.1 17.4 26.2
71 40.3 31.2 46.8

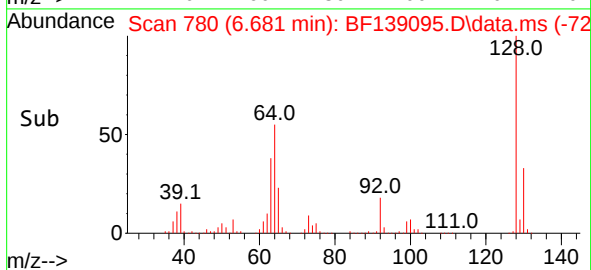
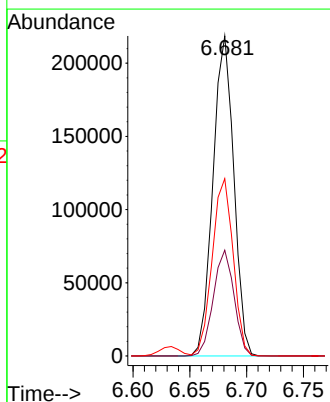
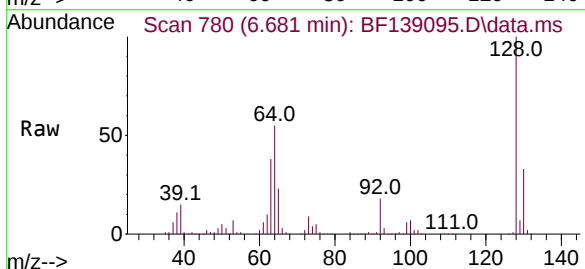
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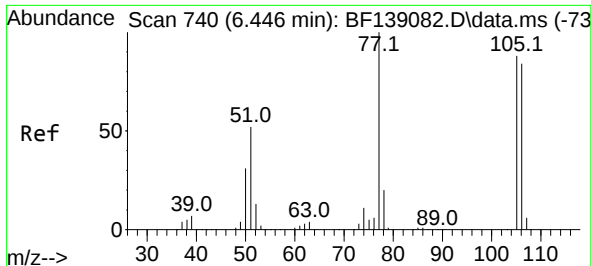
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#8
2-Chlorophenol
Concen: 49.329 ng
RT: 6.681 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

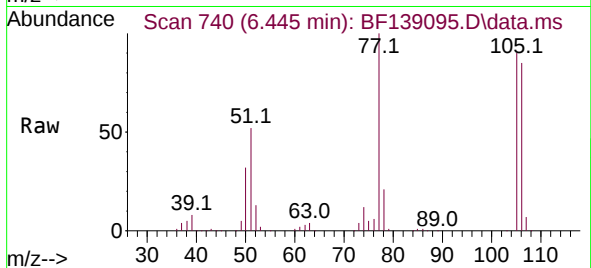
Tgt Ion:128 Resp: 278877
Ion Ratio Lower Upper
128 100
130 33.1 12.6 52.6
64 55.4 39.1 79.1





#9
Benzaldehyde
Concen: 35.507 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.001 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

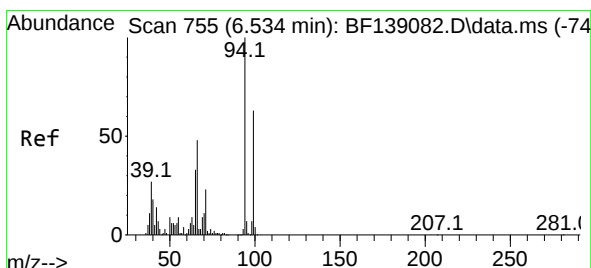
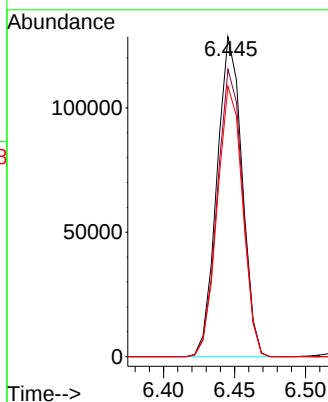
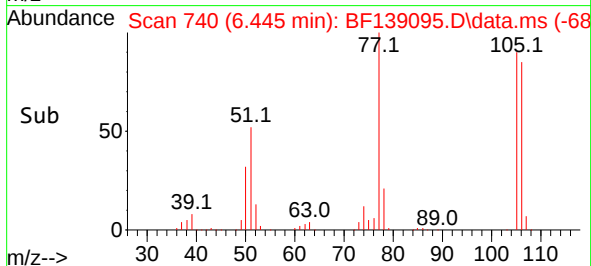
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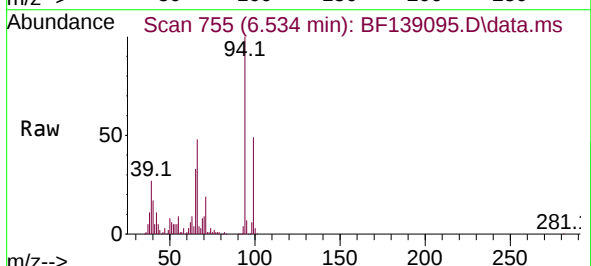
Tgt Ion: 77 Resp: 15815
Ion Ratio Lower Upper
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106 84.6 63.8 103.8

Manual Integrations
APPROVED

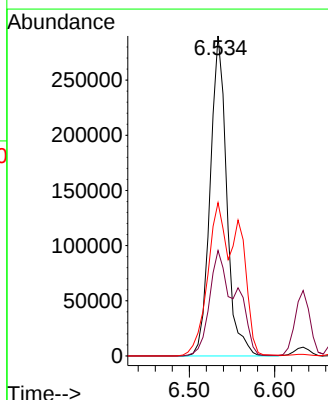
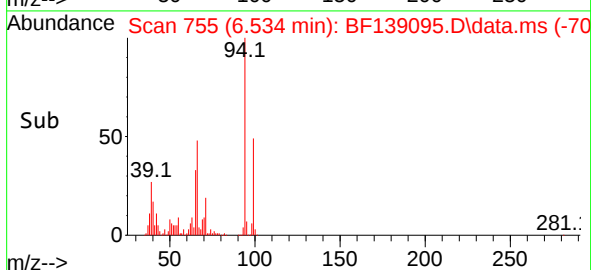
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

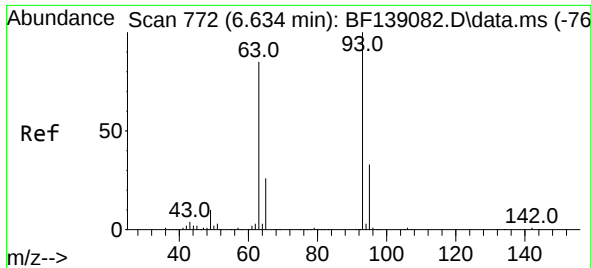


#10
Phenol
Concen: 49.586 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52



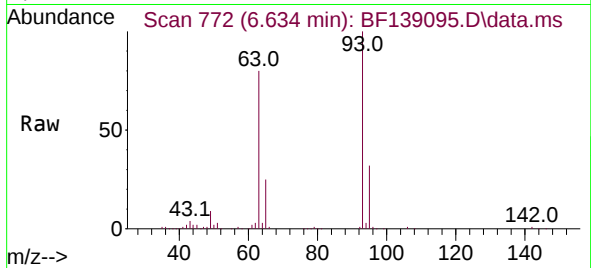
Tgt Ion: 94 Resp: 391840
Ion Ratio Lower Upper
94 100
65 33.0 13.5 53.5
66 47.9 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 44.325 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

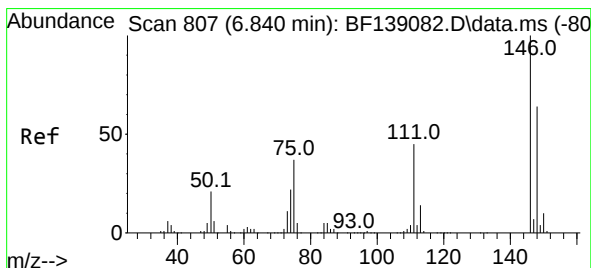
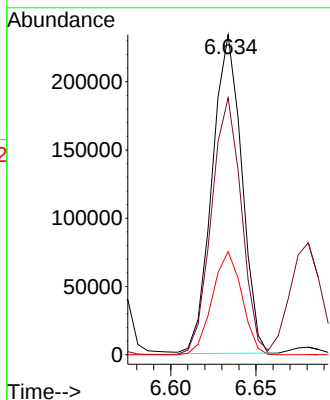
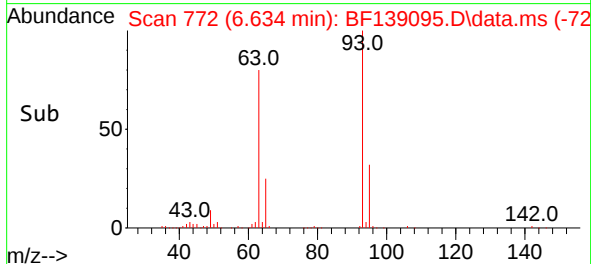
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



Tgt Ion: 93 Resp: 281685
Ion Ratio Lower Upper
93 100
63 80.2 62.7 102.7
95 32.2 11.9 51.9

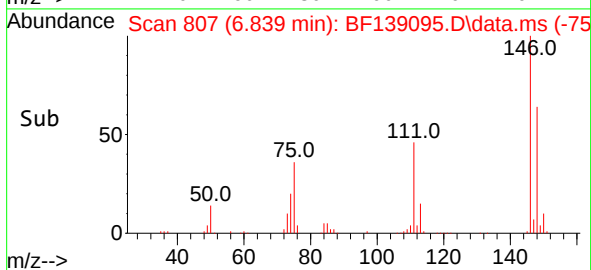
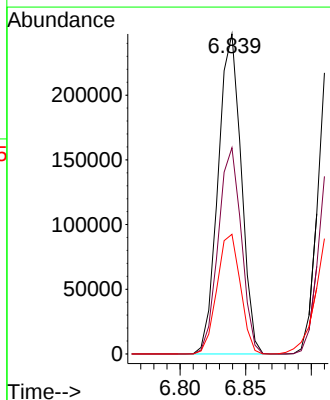
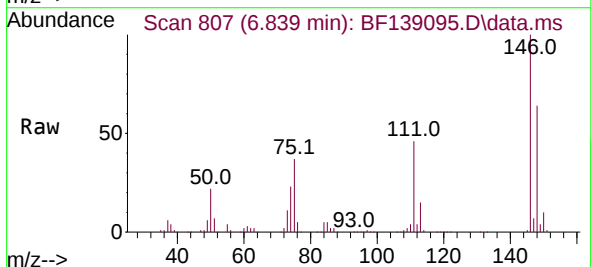
Manual Integrations
APPROVED

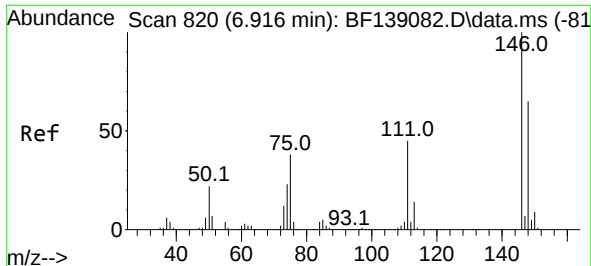
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#12
1,3-Dichlorobenzene
Concen: 44.501 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

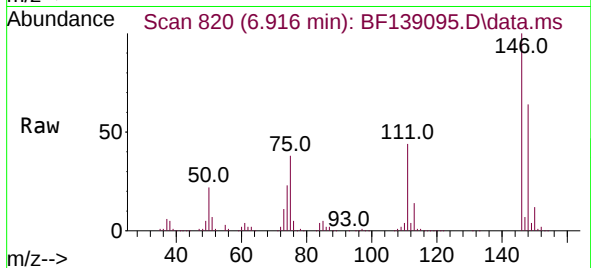
Tgt Ion:146 Resp: 302476
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 37.4 29.9 44.9





#13
1,4-Dichlorobenzene
Concen: 45.958 ng
RT: 6.916 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

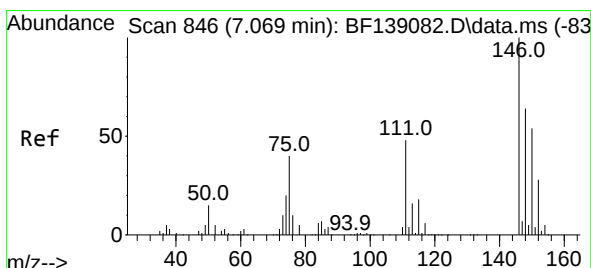
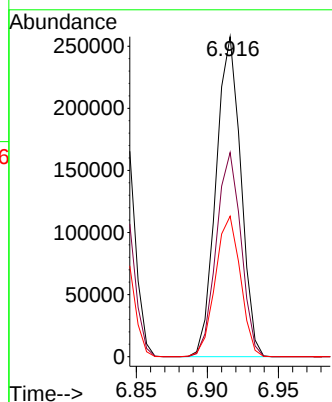
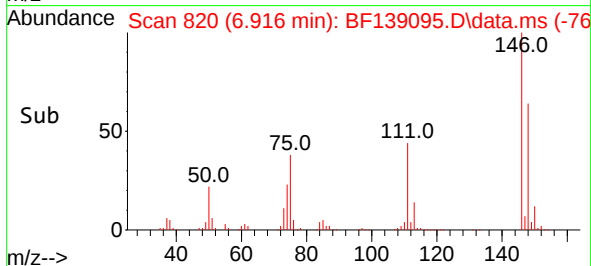
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



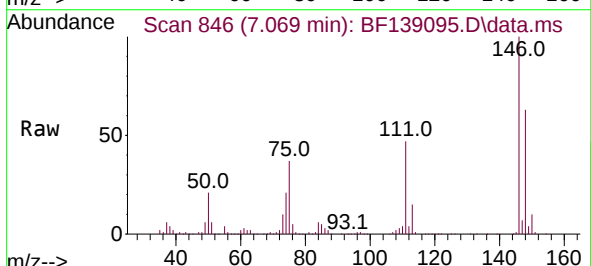
Tgt Ion:146 Resp: 31233
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
111 43.9 35.8 53.6

Manual Integrations
APPROVED

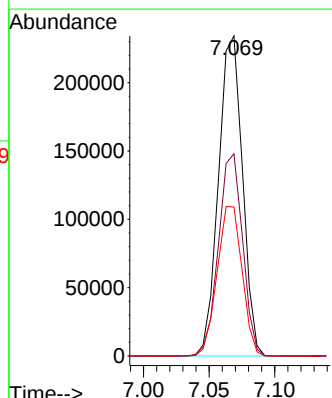
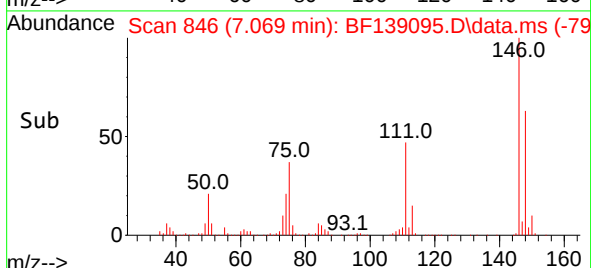
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

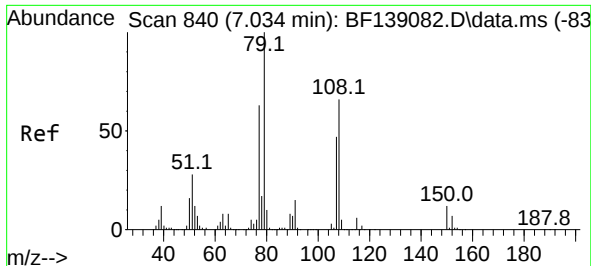


#14
1,2-Dichlorobenzene
Concen: 47.928 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52



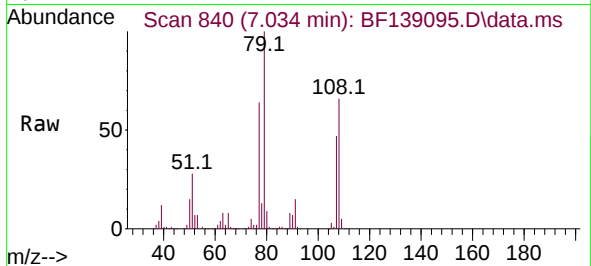
Tgt Ion:146 Resp: 297688
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.2
111 46.5 38.1 57.1





#15
Benzyl Alcohol
Concen: 50.427 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

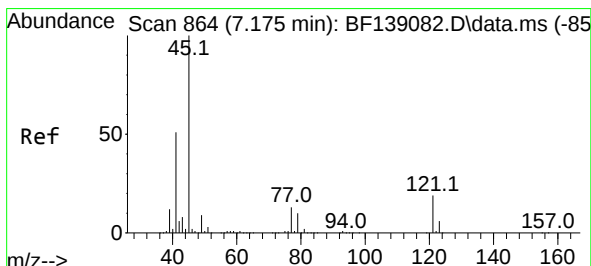
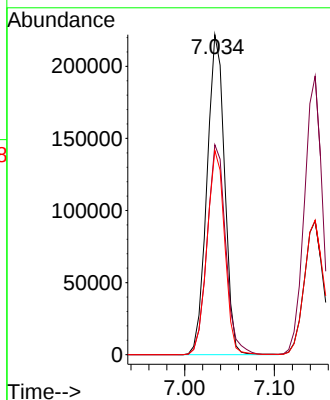
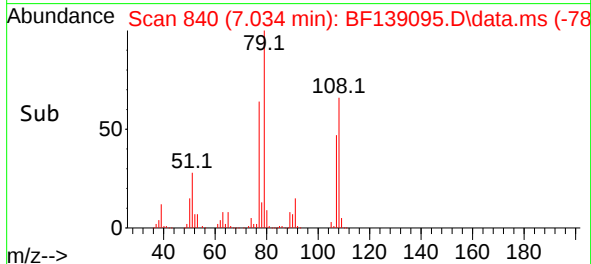
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



Tgt Ion: 79 Resp: 302690
Ion Ratio Lower Upper
79 100
108 65.6 52.8 79.2
77 63.8 50.6 76.0

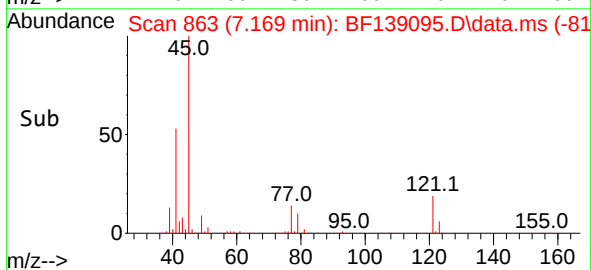
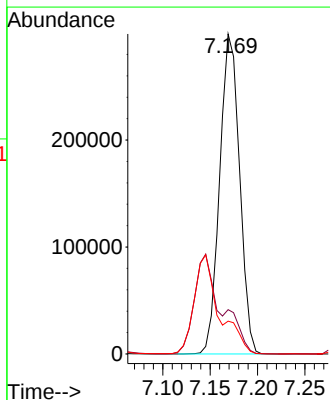
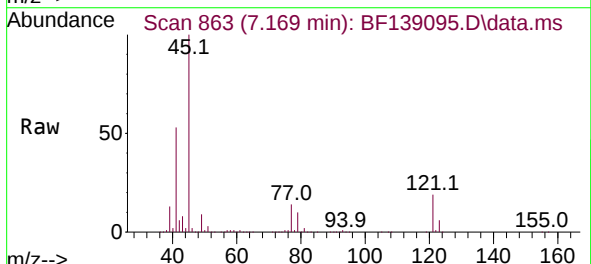
Manual Integrations
APPROVED

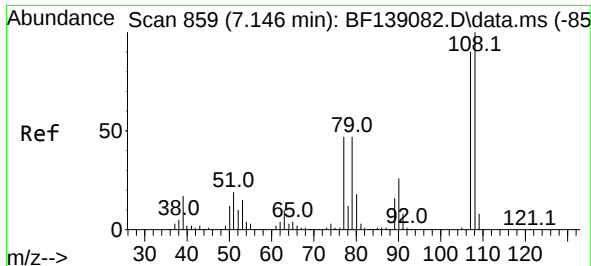
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.832 ng
RT: 7.169 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

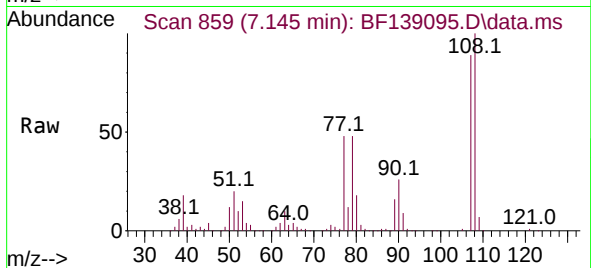
Tgt Ion: 45 Resp: 437138
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.7
79 10.3 0.0 30.4





#17
2-Methylphenol
Concen: 48.994 ng
RT: 7.145 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

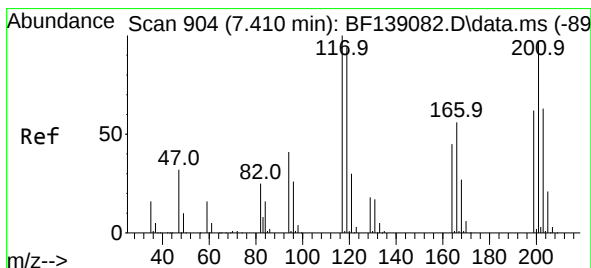
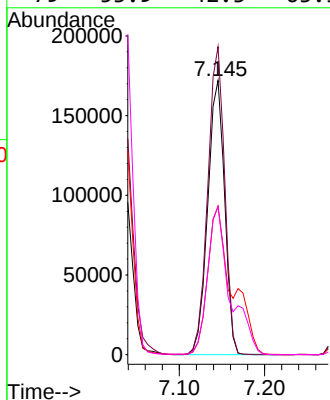
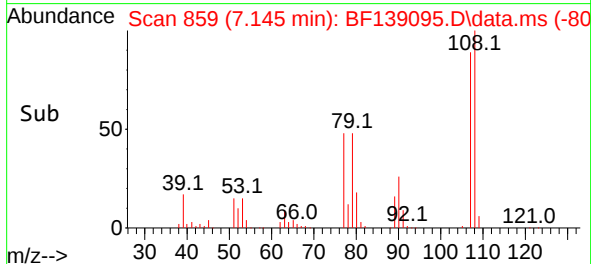
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



Tgt Ion:107 Resp: 236960
Ion Ratio Lower Upper
107 100
108 112.3 89.1 133.7
77 54.2 42.1 63.1
79 53.9 42.3 63.5

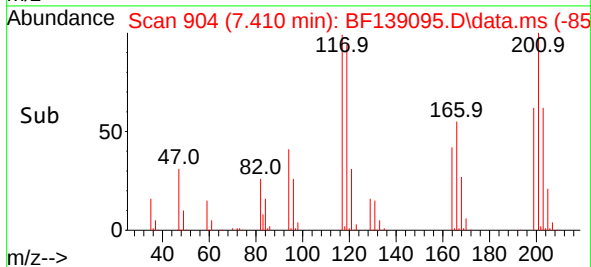
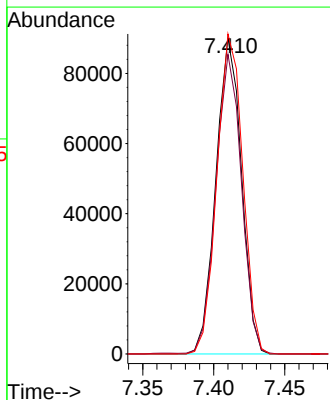
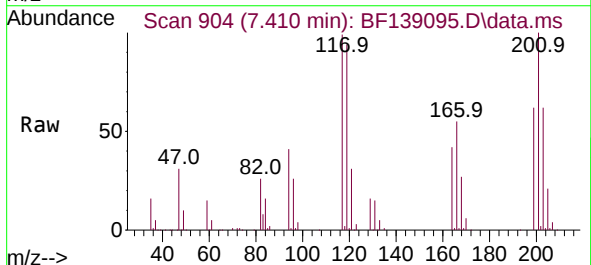
Manual Integrations
APPROVED

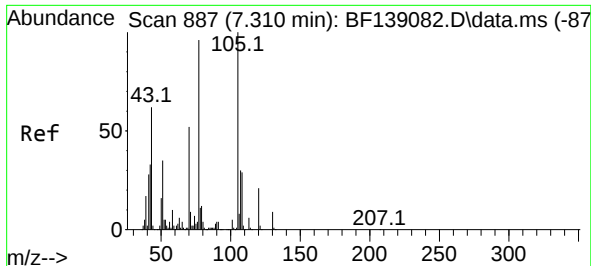
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#18
Hexachloroethane
Concen: 47.271 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

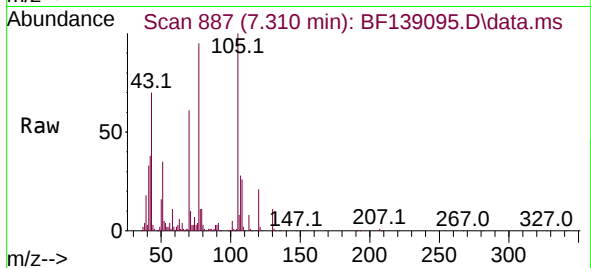
Tgt Ion:117 Resp: 112652
Ion Ratio Lower Upper
117 100
119 94.8 75.5 113.3
201 101.3 77.8 116.8





#19
n-Nitroso-di-n-propylamine
Concen: 47.704 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

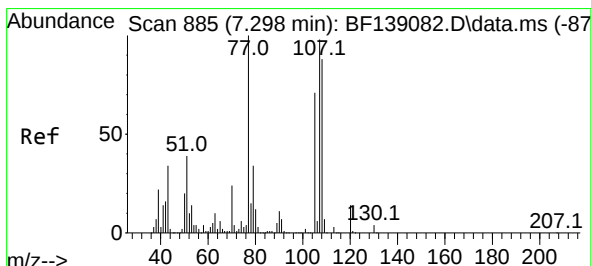
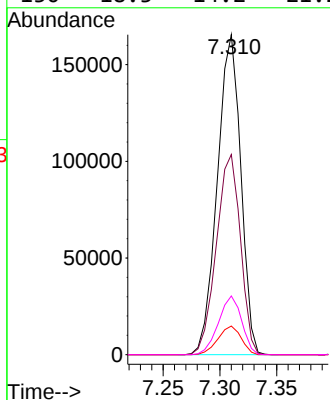
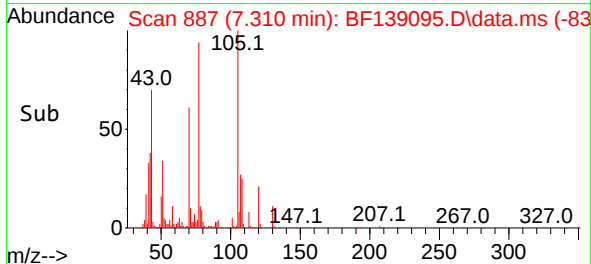
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



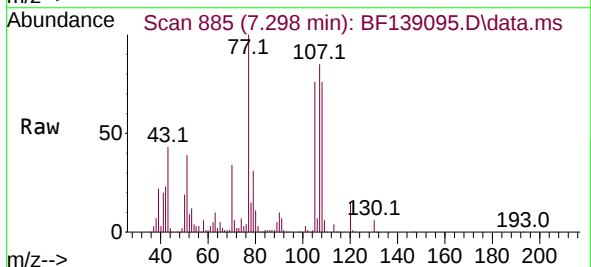
Tgt Ion: 70 Resp: 23792
Ion Ratio Lower Upper
70 100
42 62.5 50.5 75.7
101 8.9 7.2 10.8
130 18.3 14.2 21.2

Manual Integrations
APPROVED

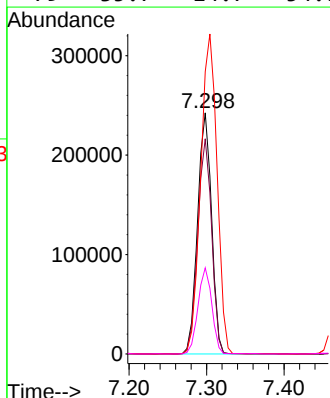
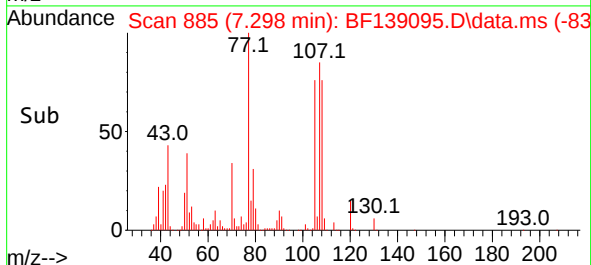
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

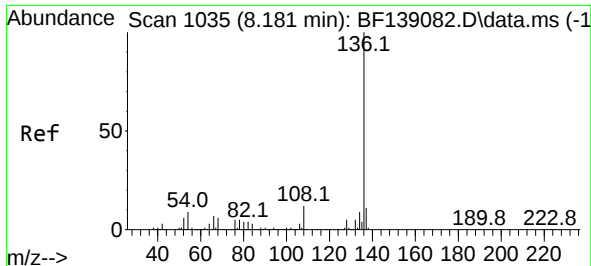


#20
3+4-Methylphenols
Concen: 48.486 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52



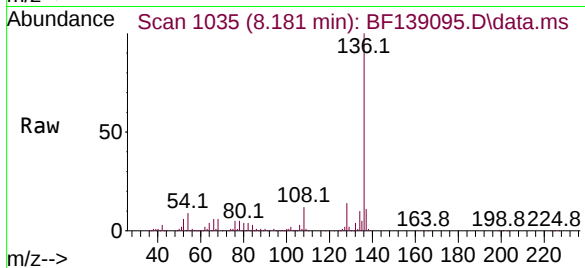
Tgt Ion:107 Resp: 303831
Ion Ratio Lower Upper
107 100
108 89.3 70.2 110.2
77 117.0 82.7 122.7
79 35.7 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

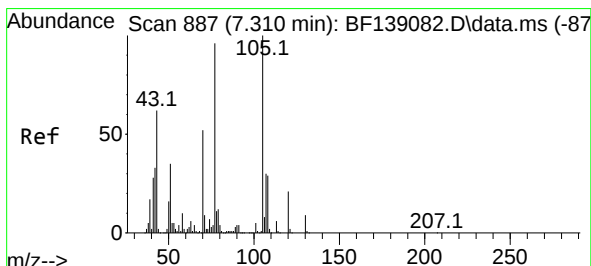
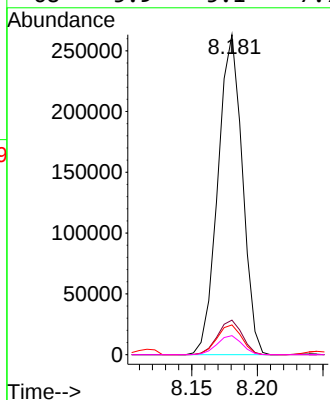
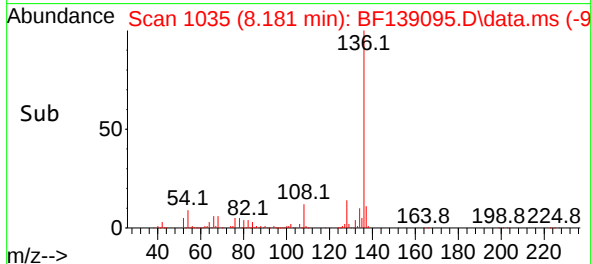
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



Tgt Ion:136 Resp: 341193
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.3 7.6 11.4
68 5.9 5.1 7.7

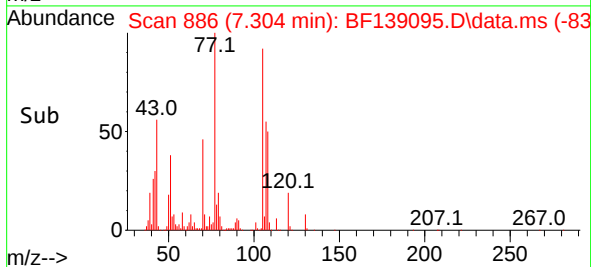
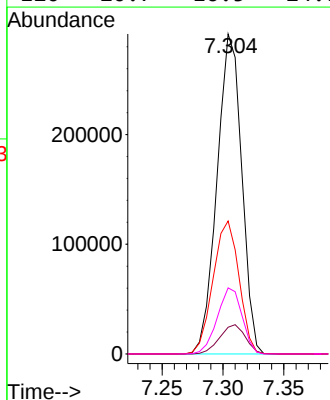
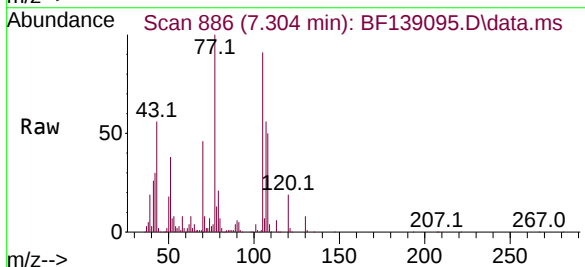
Manual Integrations
APPROVED

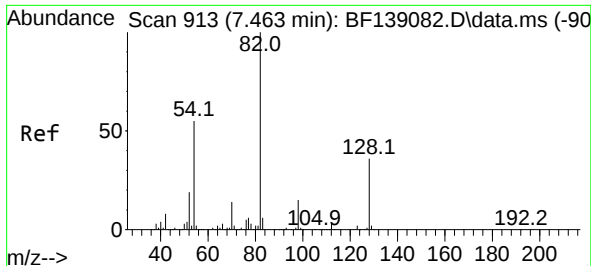
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#22
Acetophenone
Concen: 47.319 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

Tgt Ion:105 Resp: 412231
Ion Ratio Lower Upper
105 100
71 8.4 7.0 10.6
51 41.5 28.0 42.0
120 20.7 16.5 24.7





#23

Nitrobenzene-d5

Concen: 69.119 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF139095.D

Acq: 21 Aug 2024 11:52

Instrument :

BNA_F

ClientSampleId :

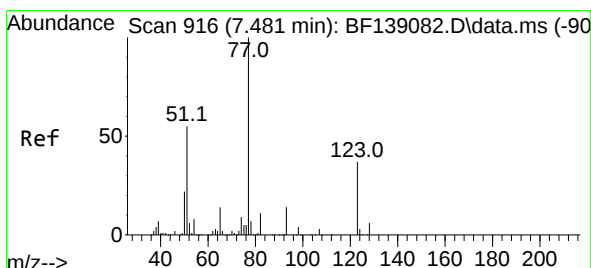
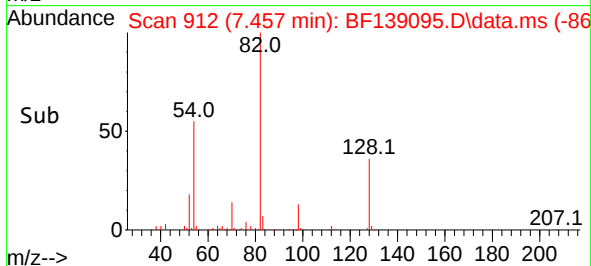
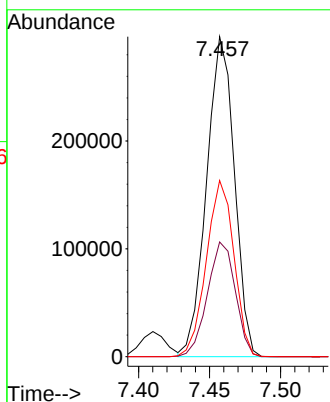
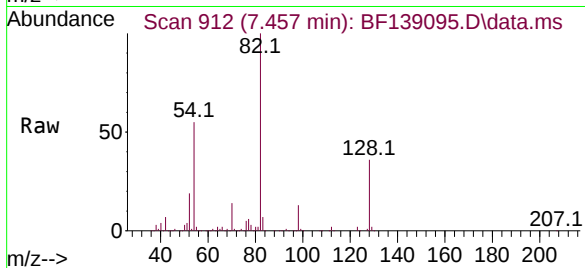
914-J-SD-0-1-081624MSD

Tgt Ion: 82 Resp: 404720

Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.0	43.4
54	55.1	43.4	65.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#24

Nitrobenzene

Concen: 52.471 ng

RT: 7.475 min Scan# 915

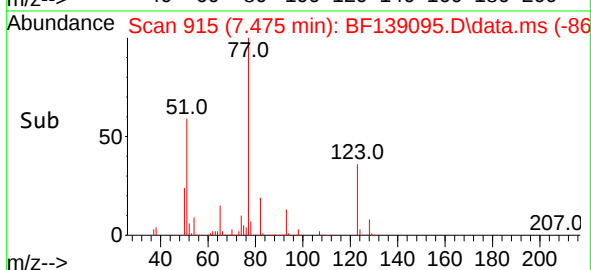
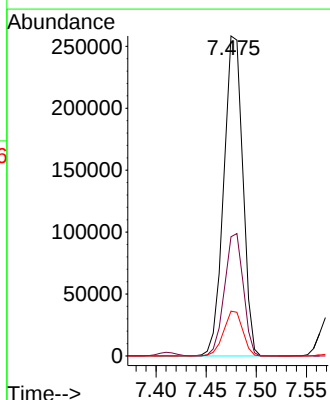
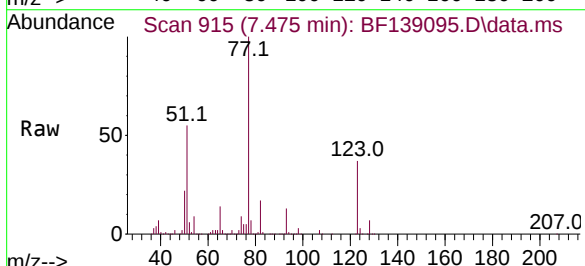
Delta R.T. -0.006 min

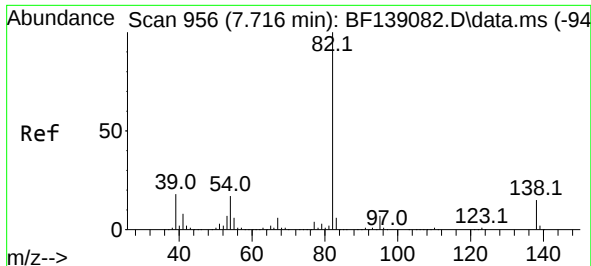
Lab File: BF139095.D

Acq: 21 Aug 2024 11:52

Tgt Ion: 77 Resp: 341503

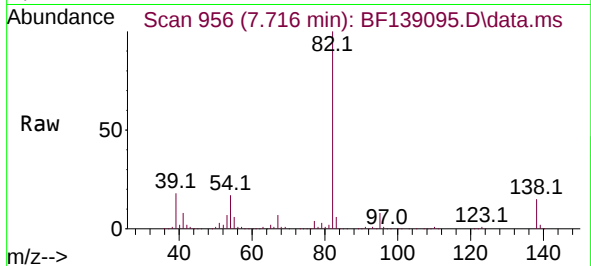
Ion	Ratio	Lower	Upper
77	100		
123	37.3	30.3	45.5
65	14.0	11.3	16.9





#25
Isophorone
Concen: 49.763 ng
RT: 7.716 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

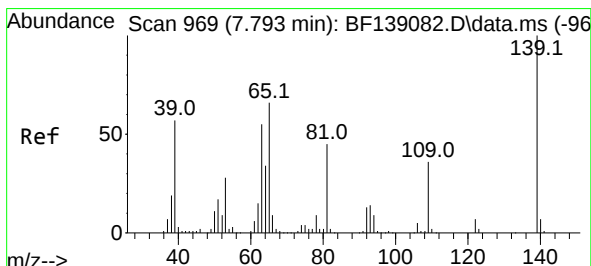
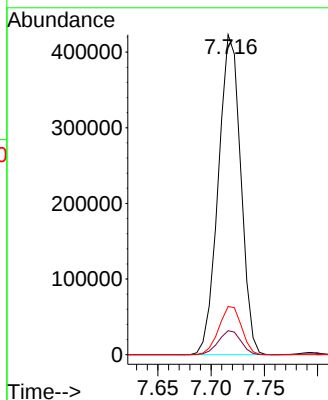
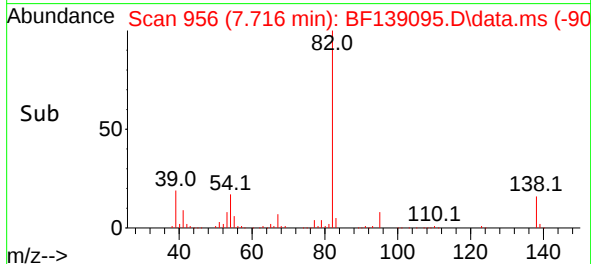
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



Tgt Ion: 82 Resp: 61932
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 15.1 11.8 17.8

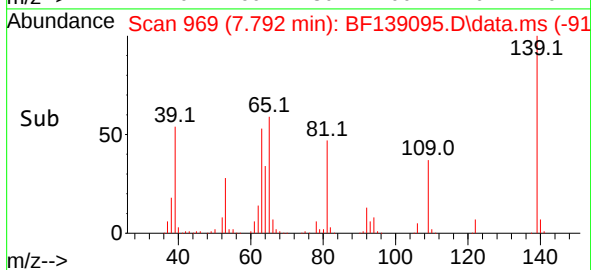
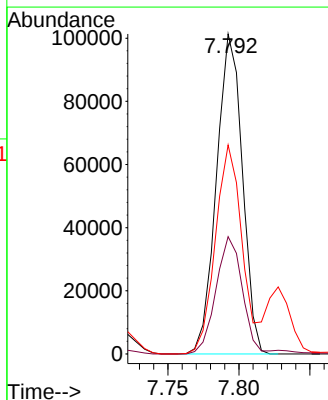
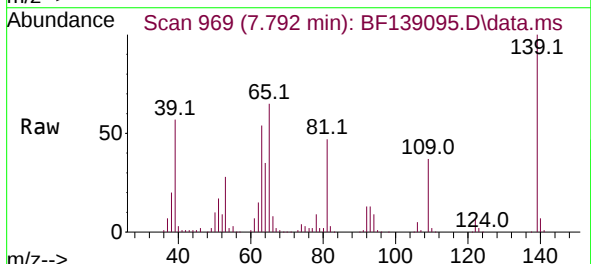
Manual Integrations
APPROVED

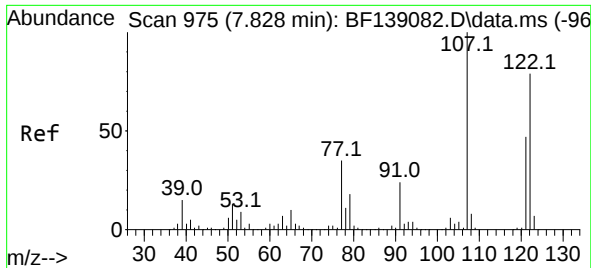
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#26
2-Nitrophenol
Concen: 55.609 ng
RT: 7.792 min Scan# 969
Delta R.T. -0.001 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

Tgt Ion:139 Resp: 128487
Ion Ratio Lower Upper
139 100
109 36.7 29.2 43.8
65 65.3 52.7 79.1





#27

2,4-Dimethylphenol

Concen: 58.240 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139095.D

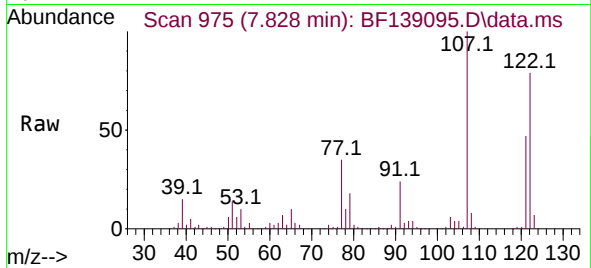
Acq: 21 Aug 2024 11:52

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MSD



Tgt Ion:122 Resp: 22984

Ion Ratio Lower Upper

122 100

107 126.2 101.1 151.7

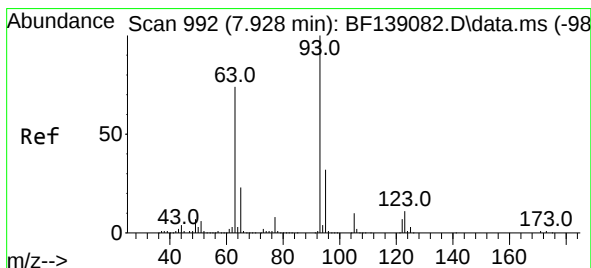
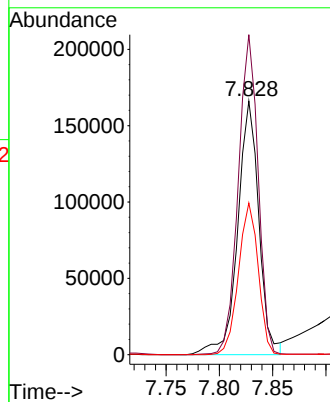
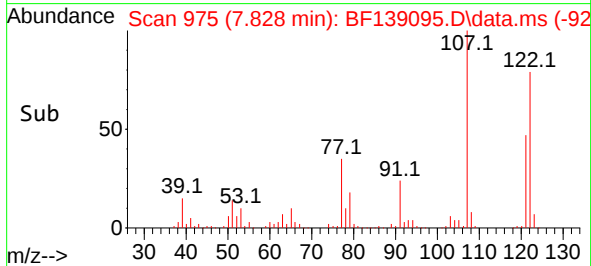
121 59.8 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#28

bis(2-Chloroethoxy)methane

Concen: 47.292 ng

RT: 7.928 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF139095.D

Acq: 21 Aug 2024 11:52

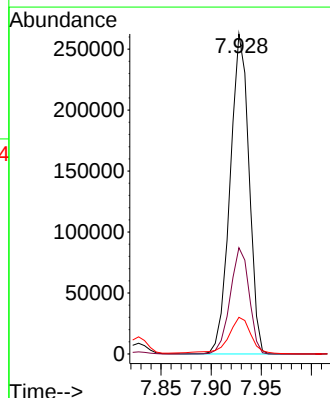
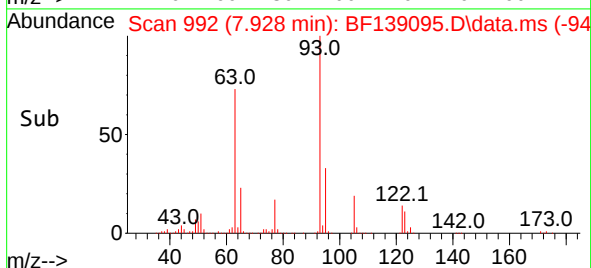
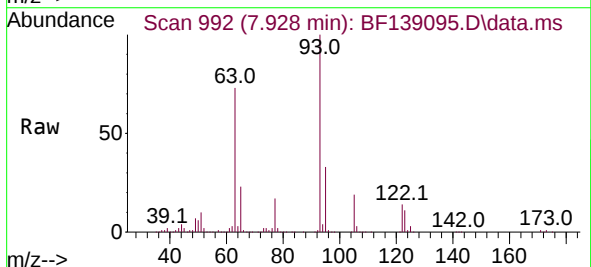
Tgt Ion: 93 Resp: 343905

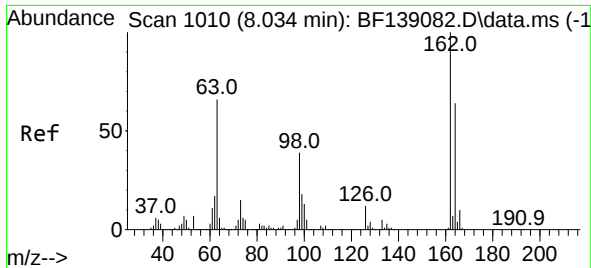
Ion Ratio Lower Upper

93 100

95 33.2 25.8 38.8

123 11.5 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 48.491 ng

RT: 8.034 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF139095.D

Acq: 21 Aug 2024 11:52

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MSD

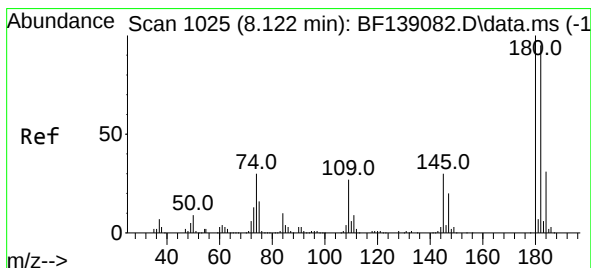
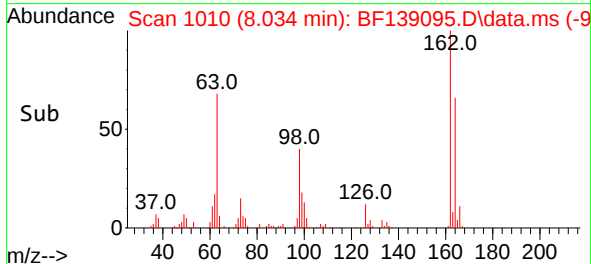
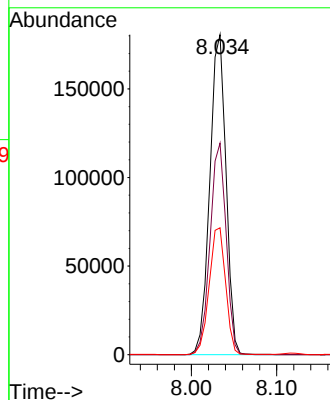
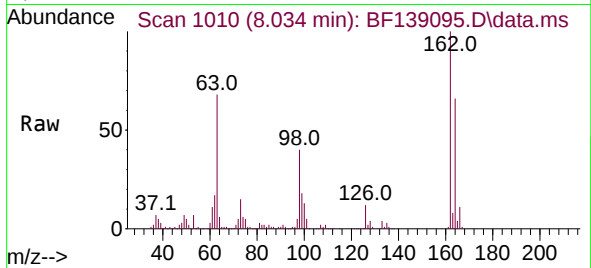
Tgt Ion:162	Resp: 238410
Ion Ratio	Lower Upper
162 100	
164 66.1	43.9 83.9
98 39.7	19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.758 ng

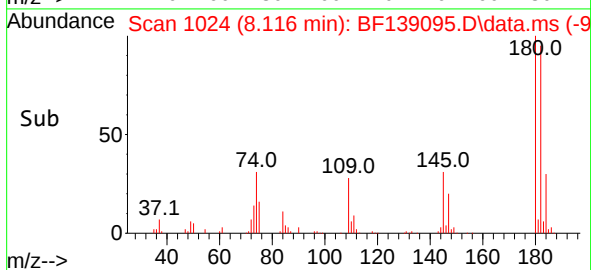
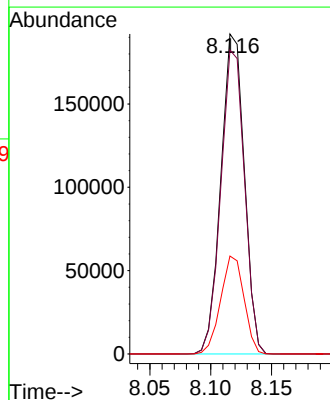
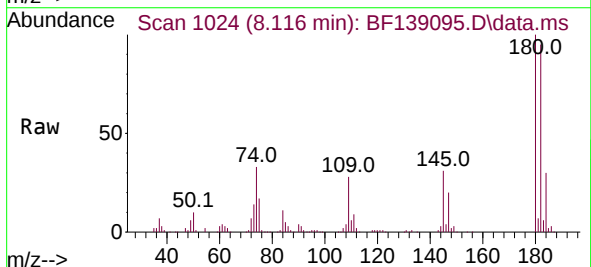
RT: 8.116 min Scan# 1024

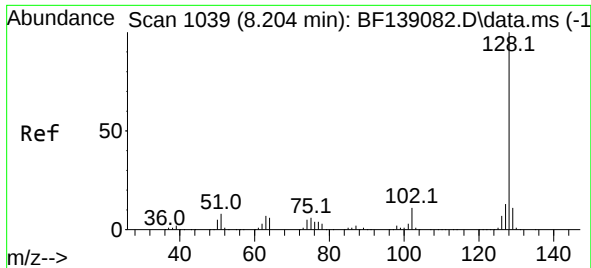
Delta R.T. -0.006 min

Lab File: BF139095.D

Acq: 21 Aug 2024 11:52

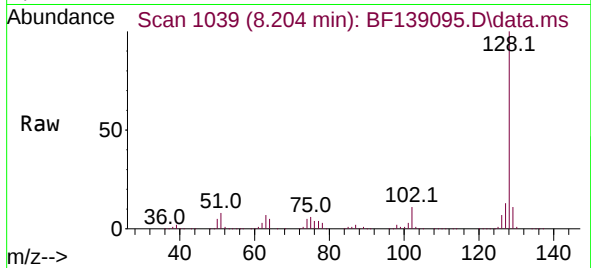
Tgt Ion:180	Resp: 257678
Ion Ratio	Lower Upper
180 100	
182 95.0	76.1 114.1
145 30.6	23.9 35.9





#31
Naphthalene
Concen: 46.960 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

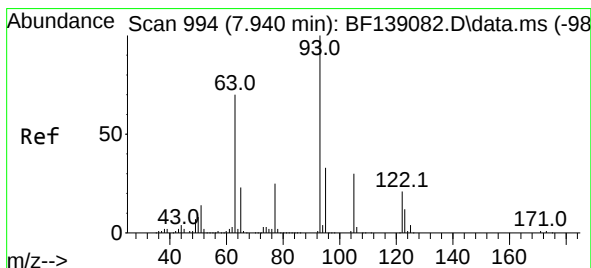
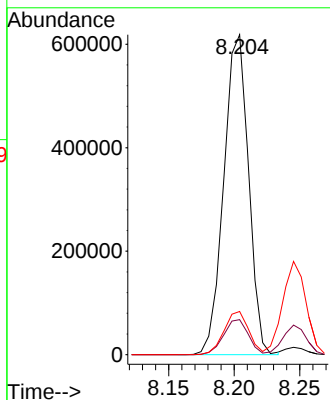
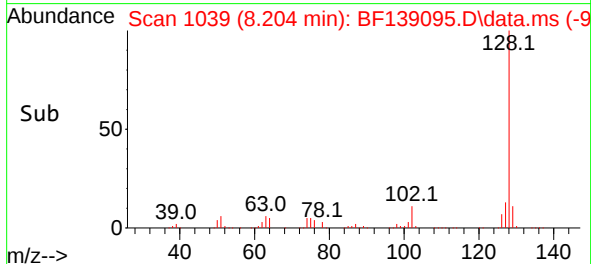
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



Tgt Ion:128 Resp: 81192
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.5 10.7 16.1

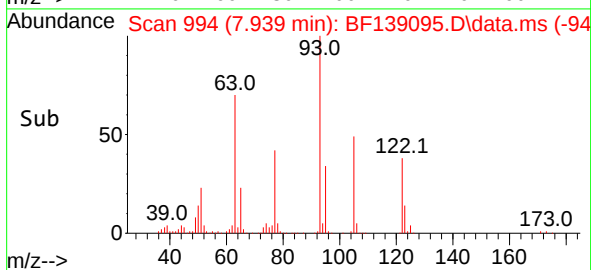
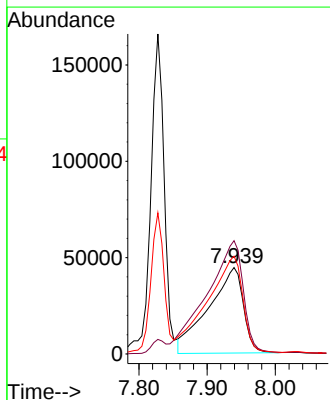
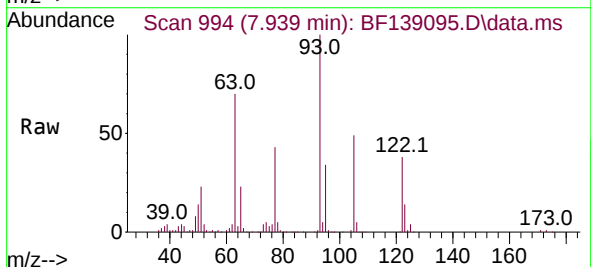
Manual Integrations
APPROVED

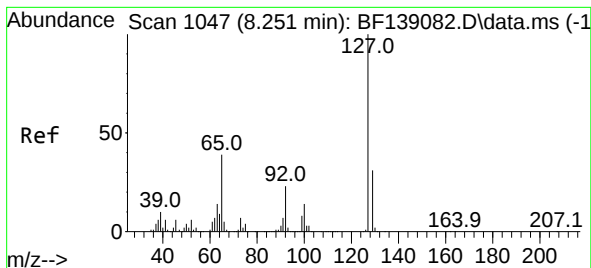
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#32
Benzoic acid
Concen: 47.959 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.001 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

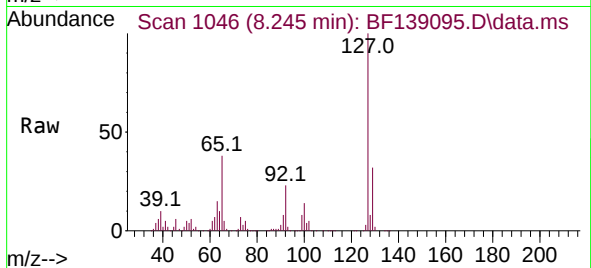
Tgt Ion:122 Resp: 157588
Ion Ratio Lower Upper
122 100
105 131.1 119.6 159.6
77 113.1 97.6 137.6





#33
4-Chloroaniline
Concen: 37.758 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

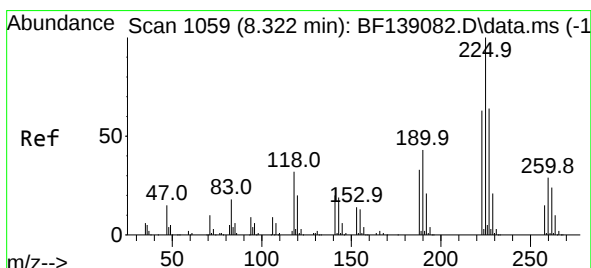
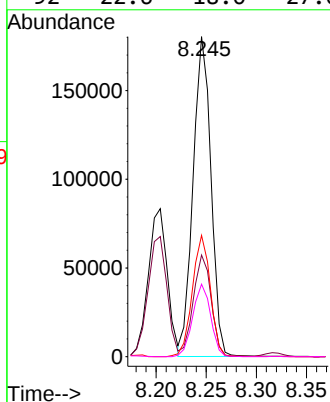
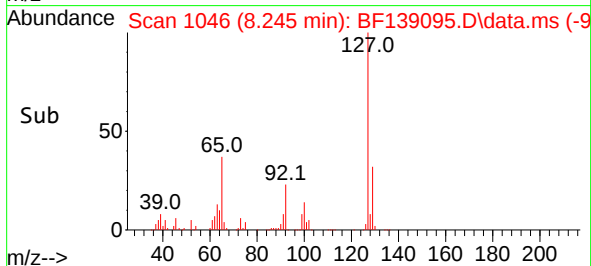
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



Tgt Ion:127 Resp: 223580
Ion Ratio Lower Upper
127 100
129 31.8 26.0 39.0
65 37.9 30.3 45.5
92 22.6 18.0 27.0

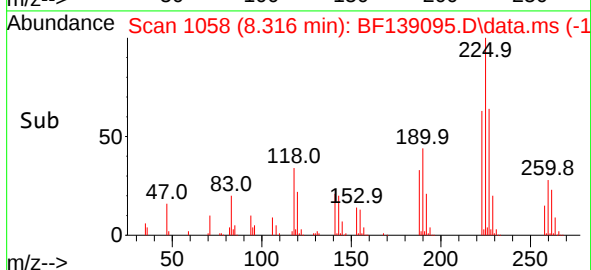
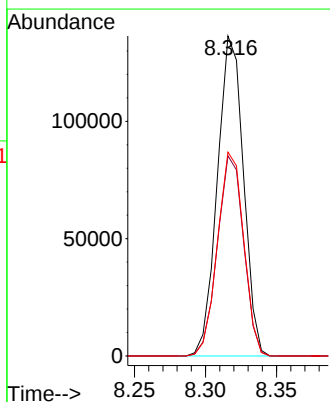
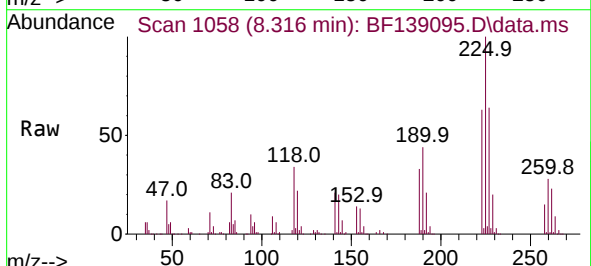
Manual Integrations
APPROVED

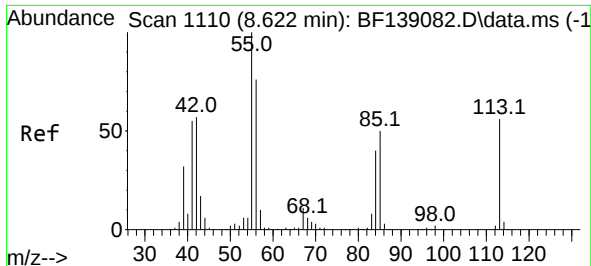
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#34
Hexachlorobutadiene
Concen: 46.210 ng
RT: 8.316 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

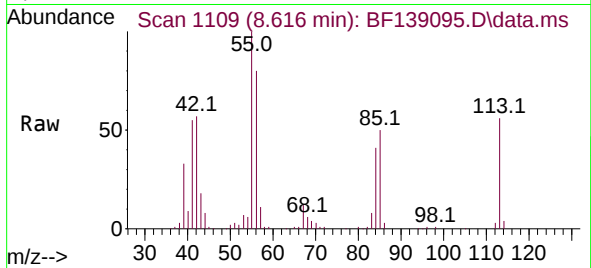
Tgt Ion:225 Resp: 173785
Ion Ratio Lower Upper
225 100
223 62.6 50.0 75.0
227 63.7 51.4 77.2





#35
Caprolactam
Concen: 47.721 ng m
RT: 8.616 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

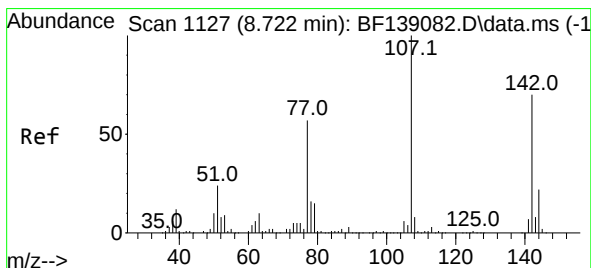
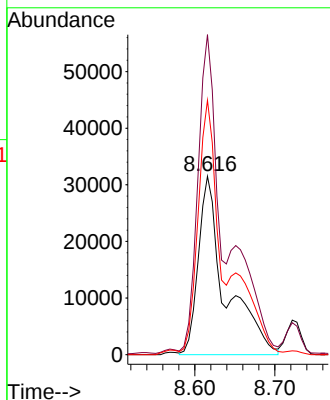
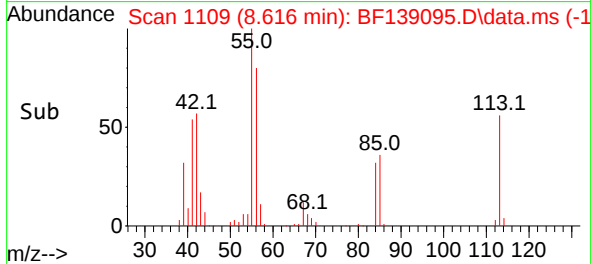
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



Tgt Ion:113 Resp: 7438
Ion Ratio Lower Upper
113 100
55 179.4 158.6 198.6
56 142.6 115.9 155.9

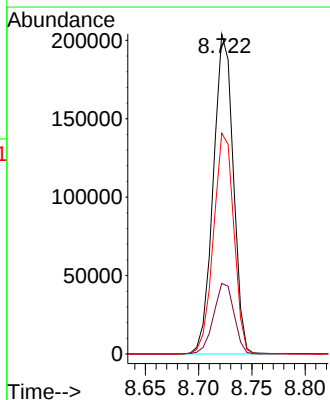
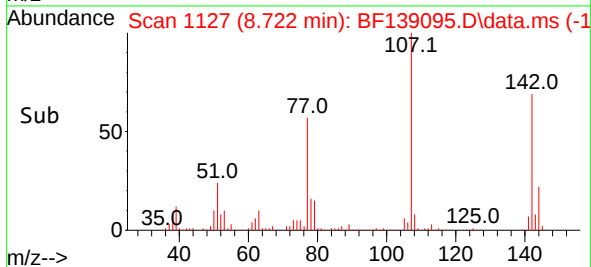
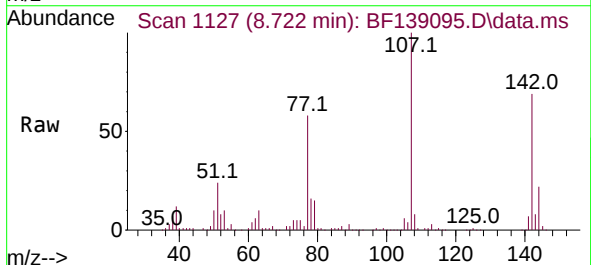
Manual Integrations
APPROVED

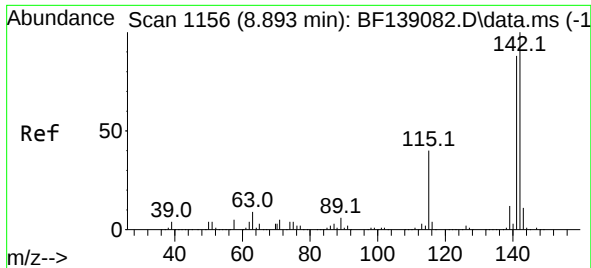
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#36
4-Chloro-3-methylphenol
Concen: 48.801 ng
RT: 8.722 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

Tgt Ion:107 Resp: 265667
Ion Ratio Lower Upper
107 100
144 22.1 17.7 26.5
142 69.0 55.6 83.4





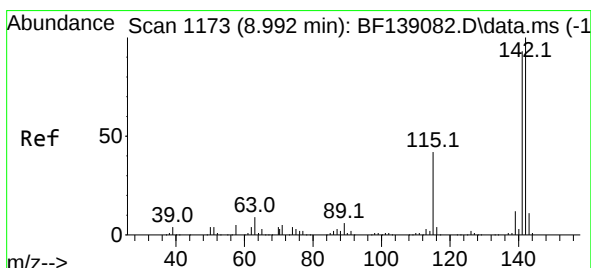
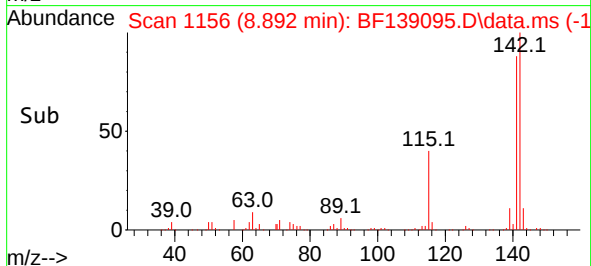
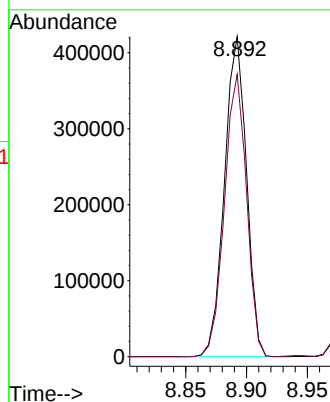
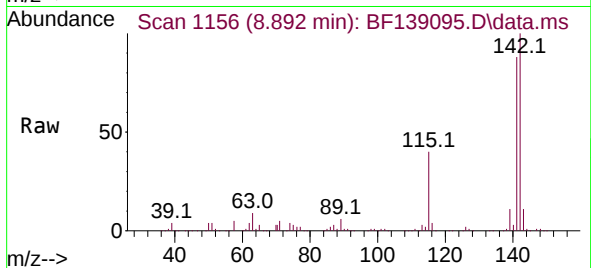
#37
2-Methylnaphthalene
Concen: 47.947 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD

Tgt Ion:142 Resp: 531738
Ion Ratio Lower Upper
142 100
141 88.2 70.6 105.8

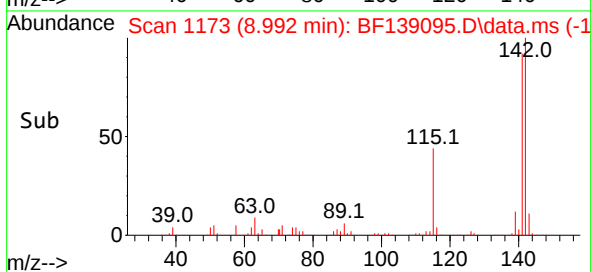
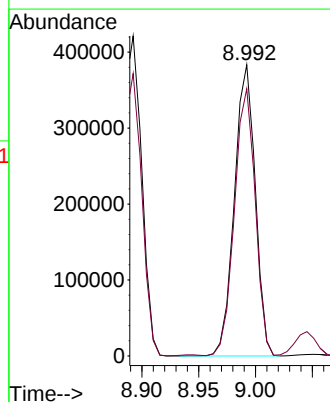
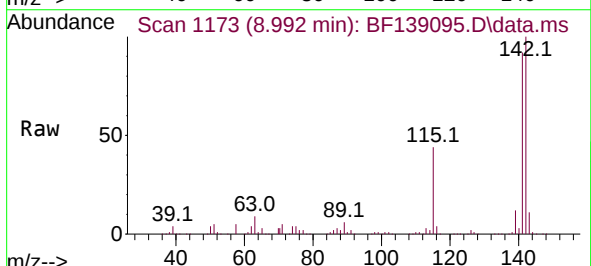
Manual Integrations
APPROVED

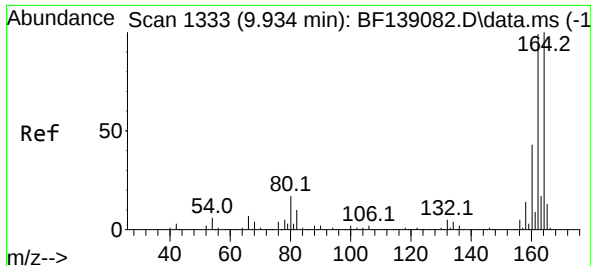
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#38
1-Methylnaphthalene
Concen: 45.760 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

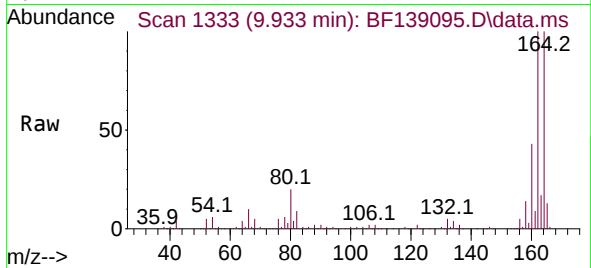
Tgt Ion:142 Resp: 489789
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1133
Delta R.T. -0.001 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

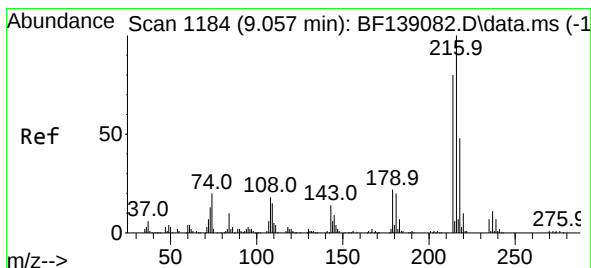
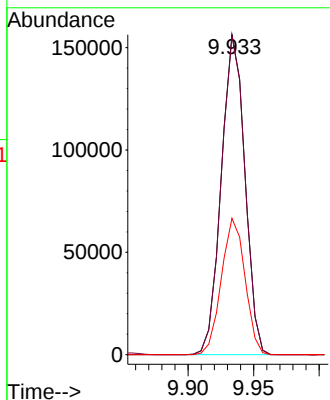
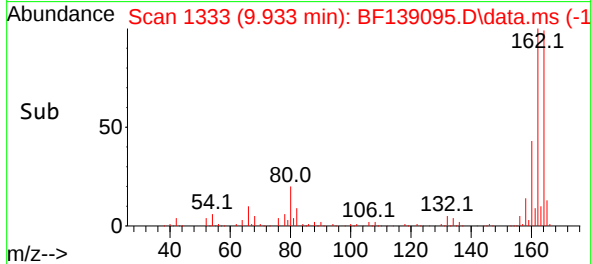
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



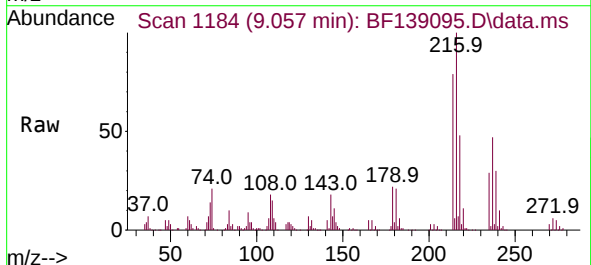
Tgt Ion:164 Resp: 195409
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 42.6 34.5 51.7

Manual Integrations
APPROVED

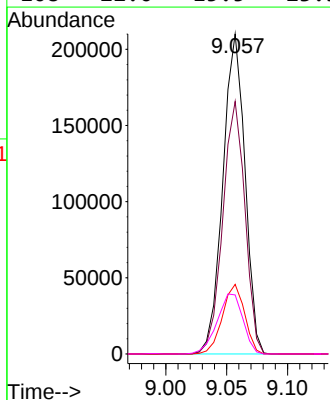
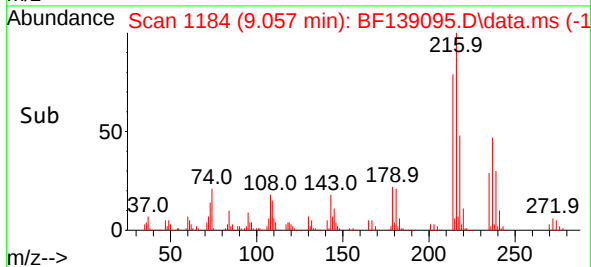
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

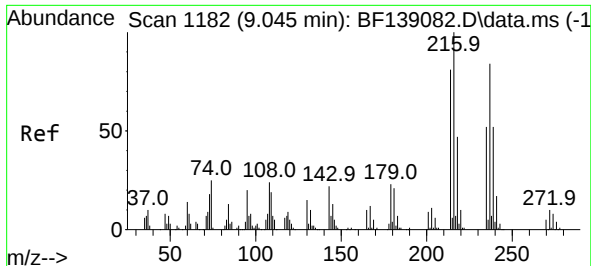


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.023 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52



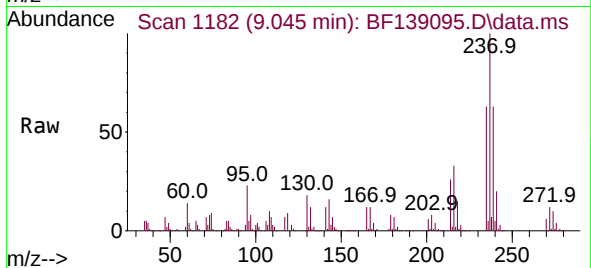
Tgt Ion:216 Resp: 265341
Ion Ratio Lower Upper
216 100
214 78.9 64.2 96.2
179 21.8 17.4 26.2
108 22.0 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 170.308 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

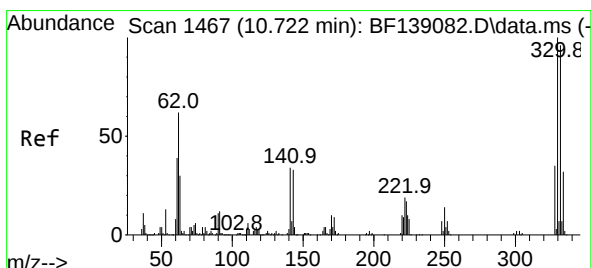
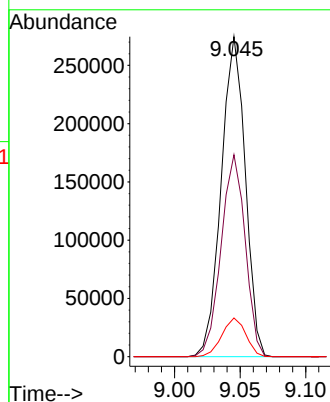
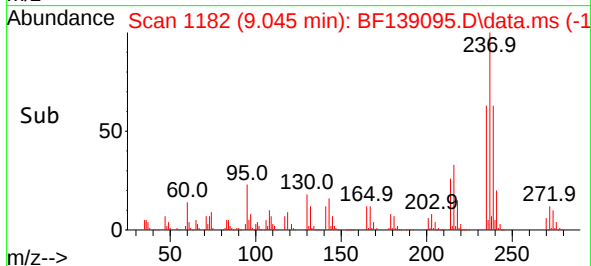
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



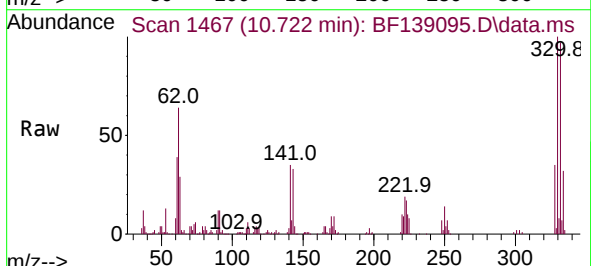
Tgt Ion:237 Resp: 350179
Ion Ratio Lower Upper
237 100
235 63.1 42.5 82.5
272 12.1 0.0 32.0

Manual Integrations
APPROVED

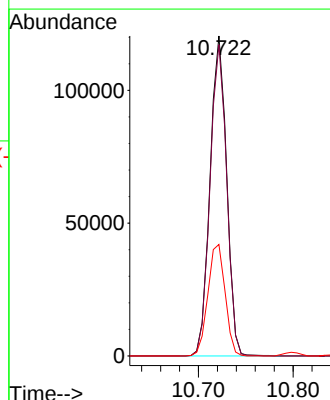
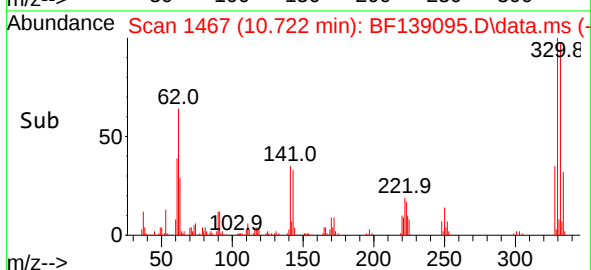
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

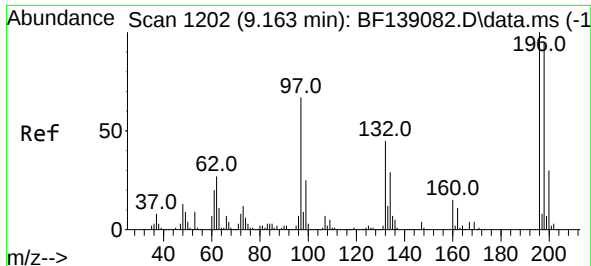


#42
2,4,6-Tribromophenol
Concen: 82.691 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52



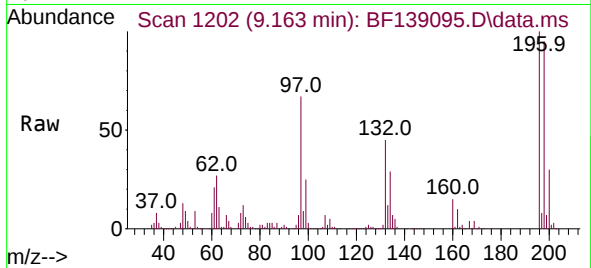
Tgt Ion:330 Resp: 146281
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 36.2 27.5 41.3





#43
2,4,6-Trichlorophenol
Concen: 51.640 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

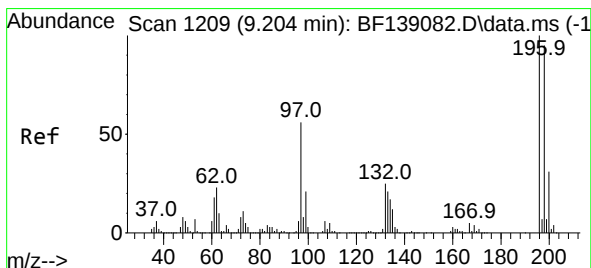
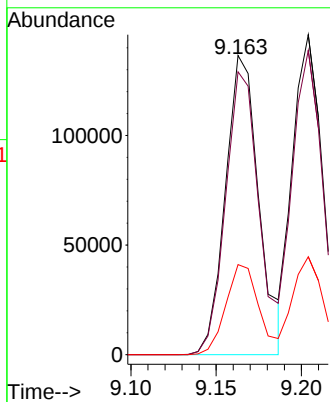
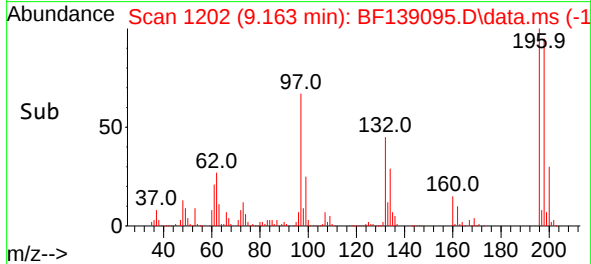
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



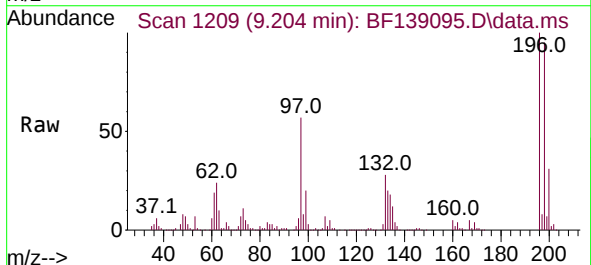
Tgt Ion:196 Resp: 186432
Ion Ratio Lower Upper
196 100
198 94.5 76.4 114.6
200 30.1 23.8 35.8

Manual Integrations
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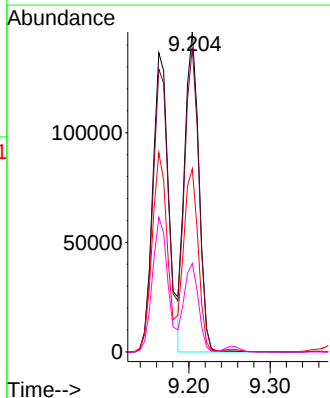
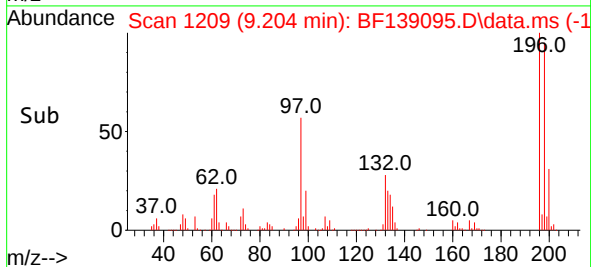
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

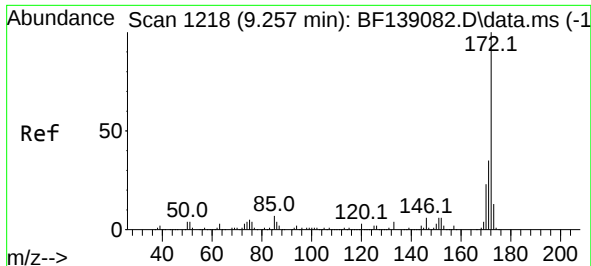


#44
2,4,5-Trichlorophenol
Concen: 47.934 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52



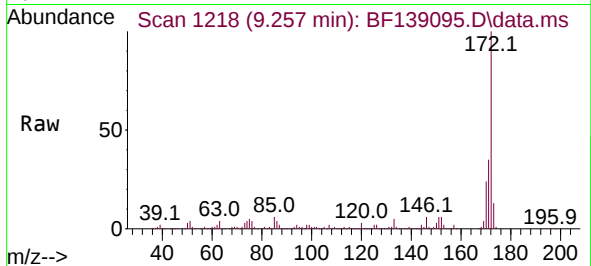
Tgt Ion:196 Resp: 177630
Ion Ratio Lower Upper
196 100
198 95.1 76.6 114.8
97 57.2 44.6 67.0
132 27.7 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 47.360 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

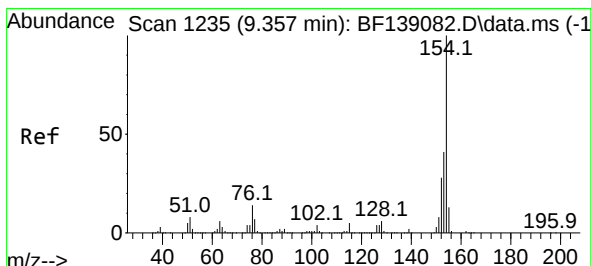
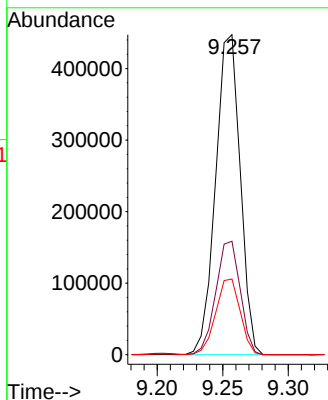
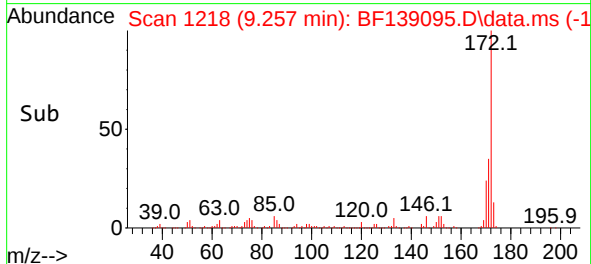
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



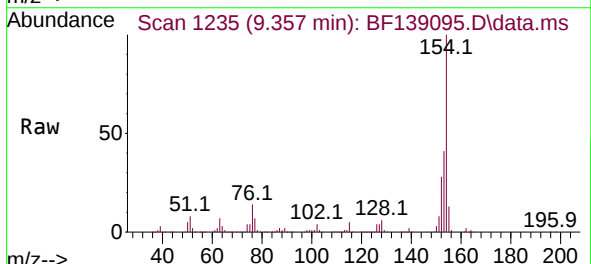
Tgt Ion:172 Resp: 583294
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 18.8 28.2

Manual Integrations
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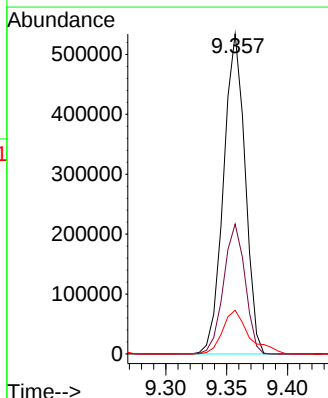
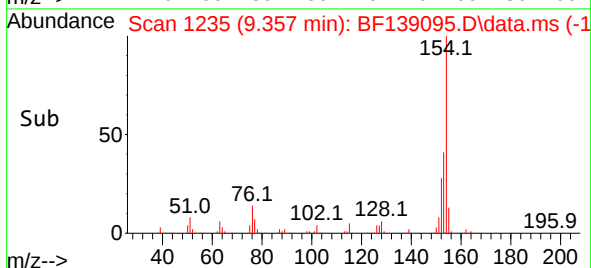
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

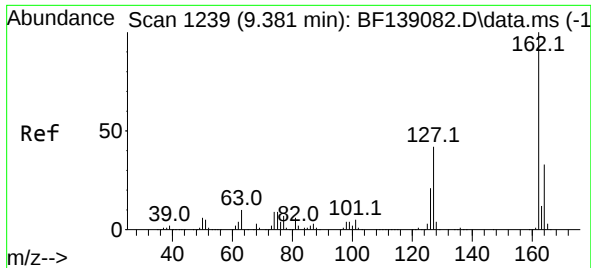


#46
1,1'-Biphenyl
Concen: 49.112 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52



Tgt Ion:154 Resp: 657409
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 13.7 0.0 33.6





#47

2-Chloronaphthalene

Concen: 46.882 ng

RT: 9.380 min Scan# 1239

Delta R.T. -0.001 min

Lab File: BF139095.D

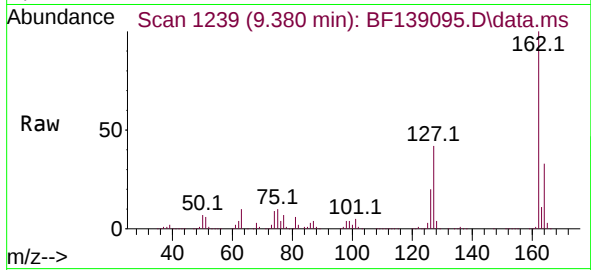
Acq: 21 Aug 2024 11:52

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MSD



Tgt Ion:162 Resp: 509909

Ion Ratio Lower Upper

162 100

127 42.0 33.8 50.6

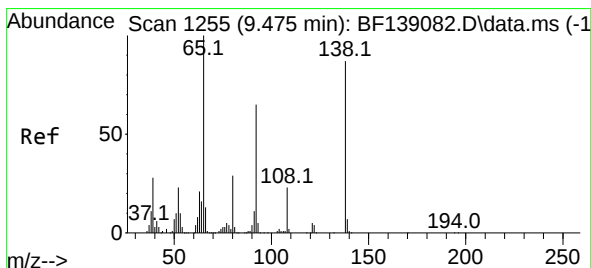
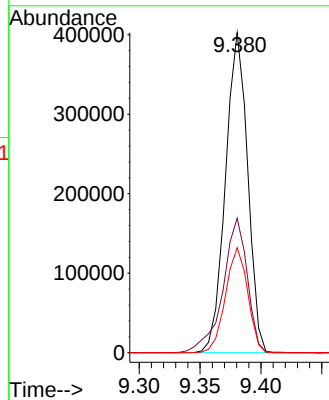
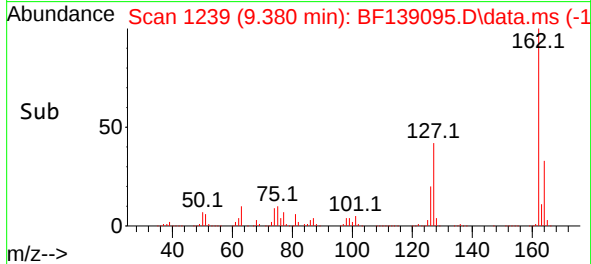
164 32.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#48

2-Nitroaniline

Concen: 53.840 ng

RT: 9.475 min Scan# 1255

Delta R.T. -0.000 min

Lab File: BF139095.D

Acq: 21 Aug 2024 11:52

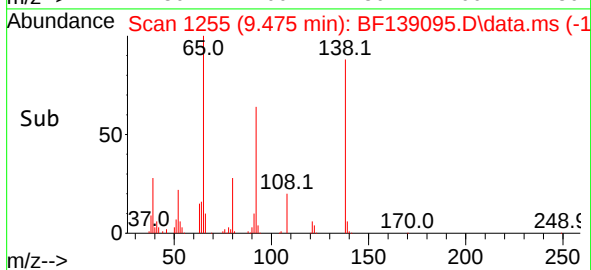
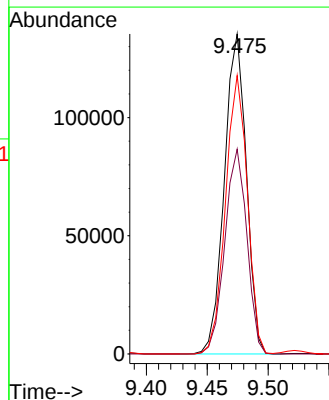
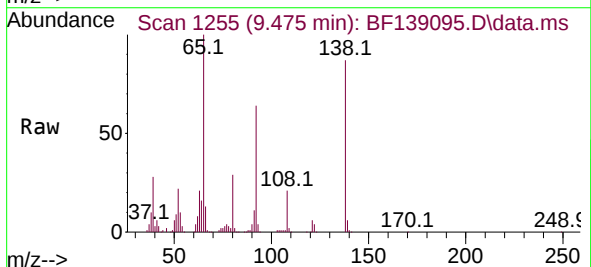
Tgt Ion: 65 Resp: 170267

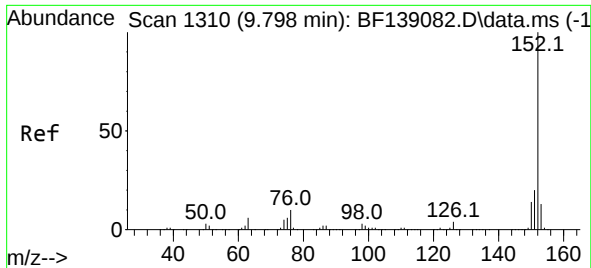
Ion Ratio Lower Upper

65 100

92 64.0 52.4 78.6

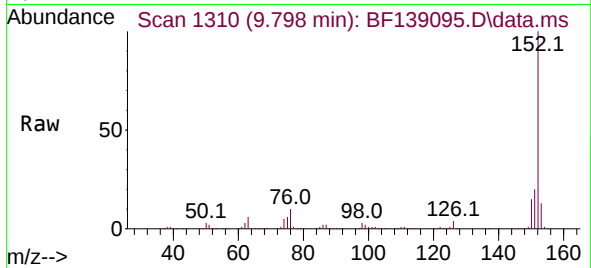
138 87.0 69.4 104.0





#49
Acenaphthylene
Concen: 51.637 ng
RT: 9.798 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

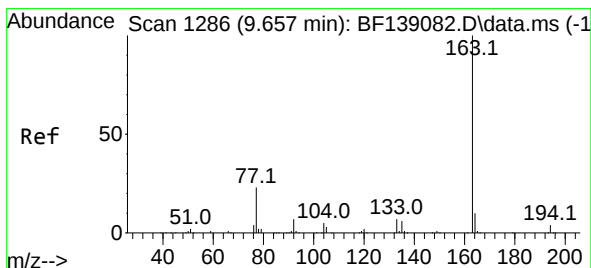
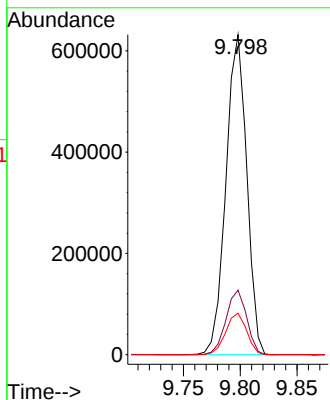
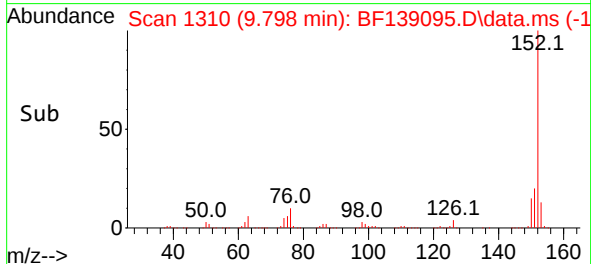
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



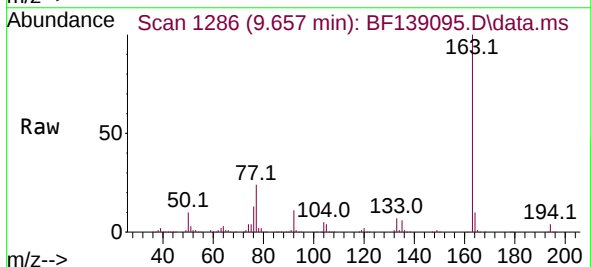
Tgt Ion:152 Resp: 804530
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.0 10.6 15.8

Manual Integrations
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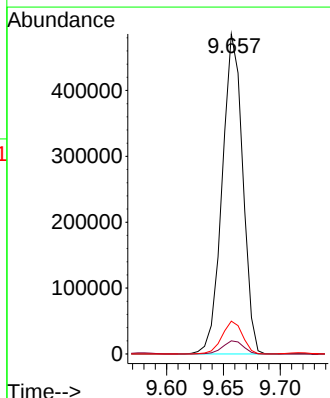
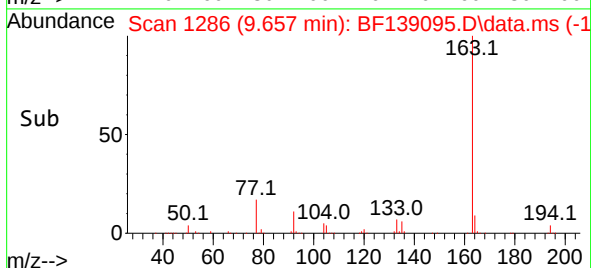
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

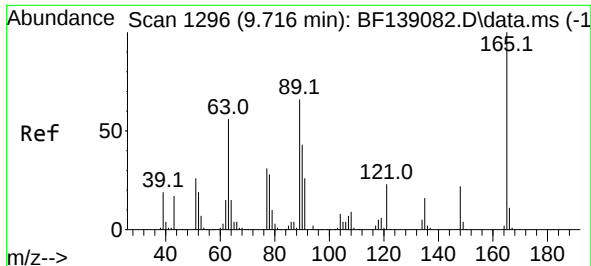


#50
Dimethylphthalate
Concen: 50.738 ng
RT: 9.657 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52



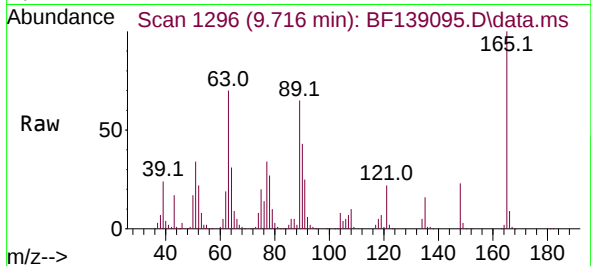
Tgt Ion:163 Resp: 612090
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 51.714 ng
RT: 9.716 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

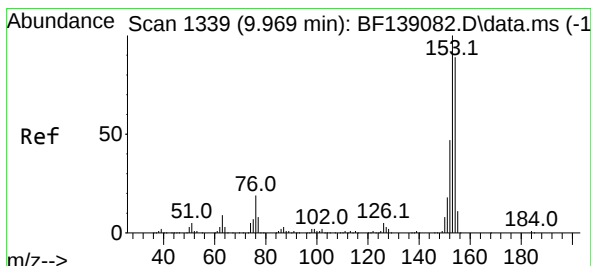
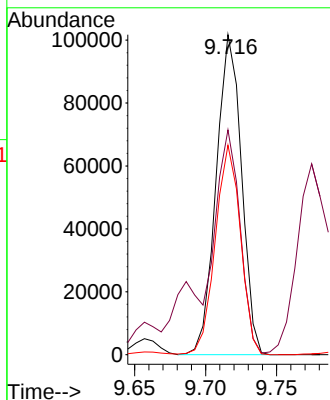
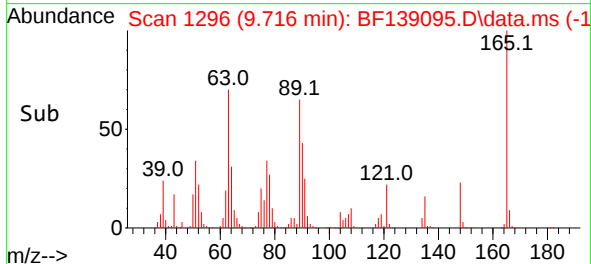
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



Tgt Ion:165 Resp: 126070
Ion Ratio Lower Upper
165 100
63 70.3 58.0 87.0
89 65.4 53.3 79.9

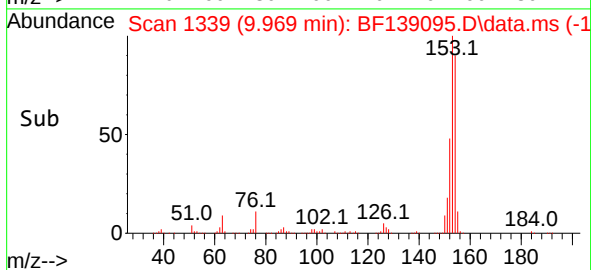
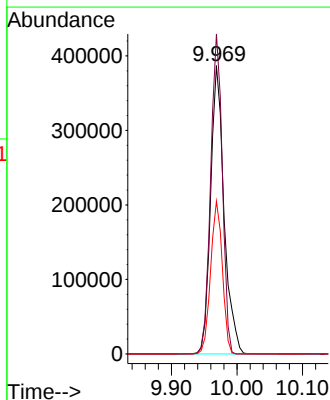
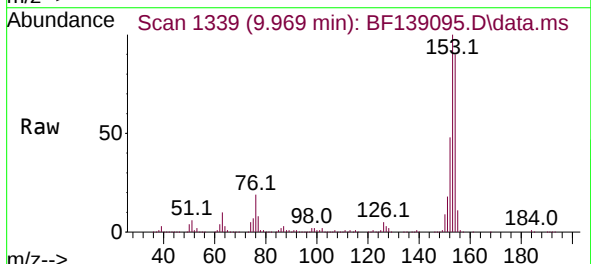
Manual Integrations
APPROVED

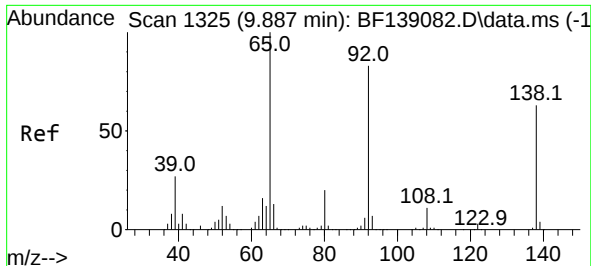
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#52
Acenaphthene
Concen: 53.777 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

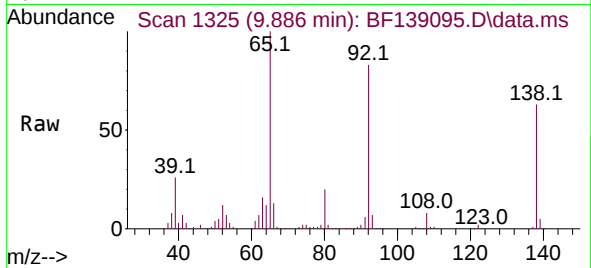
Tgt Ion:154 Resp: 553469
Ion Ratio Lower Upper
154 100
153 111.0 89.7 134.5
152 53.0 42.3 63.5





#53
3-Nitroaniline
Concen: 40.736 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.001 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

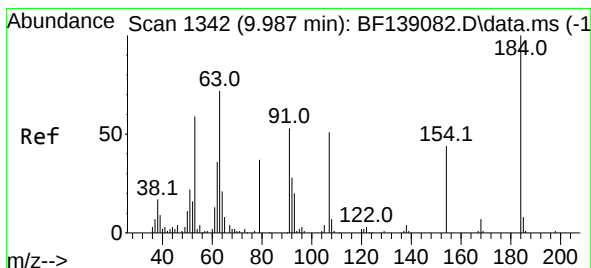
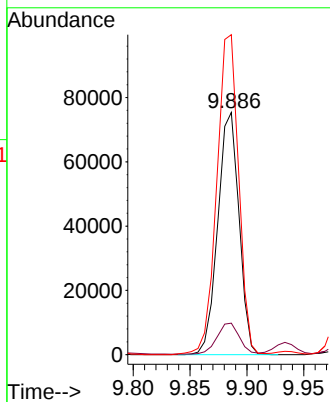
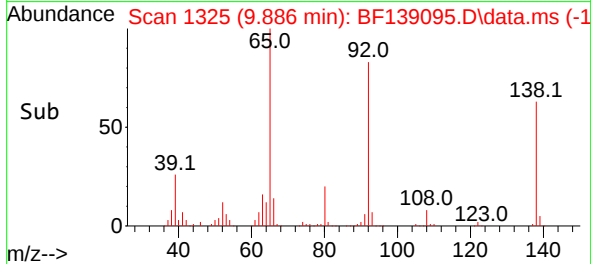
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



Tgt Ion:138 Resp: 98044
Ion Ratio Lower Upper
138 100
108 13.0 14.6 21.8
92 132.1 105.9 158.9

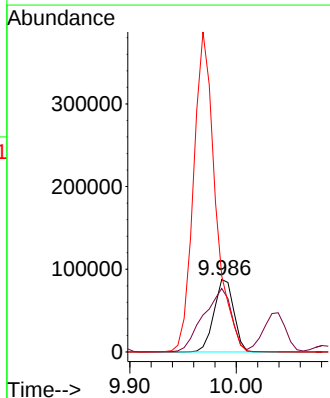
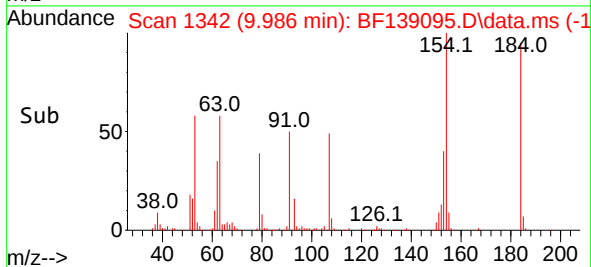
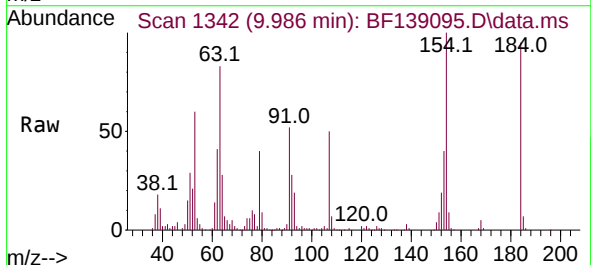
Manual Integrations
APPROVED

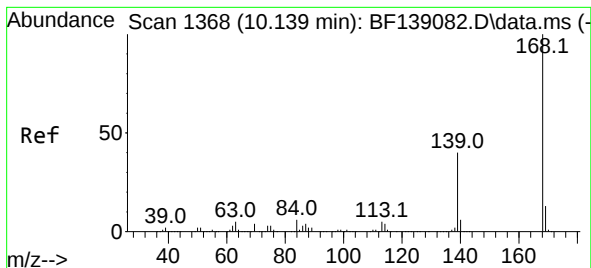
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#54
2,4-Dinitrophenol
Concen: 95.515 ng
RT: 9.986 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

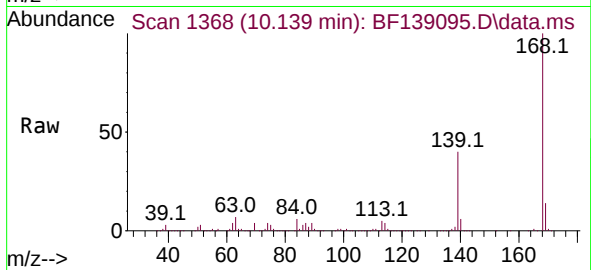
Tgt Ion:184 Resp: 112804
Ion Ratio Lower Upper
184 100
63 87.6 70.5 105.7
154 105.0 135.0 202.6





#55
Dibenzofuran
Concen: 48.814 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

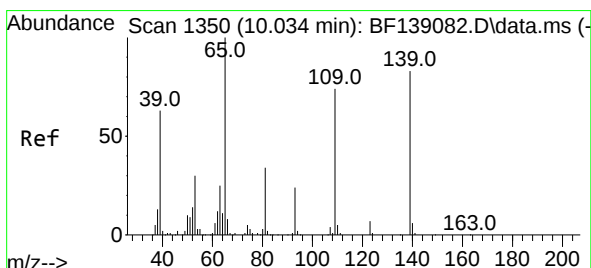
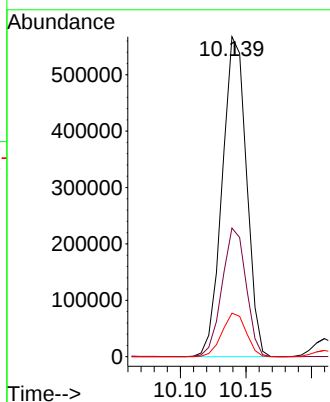
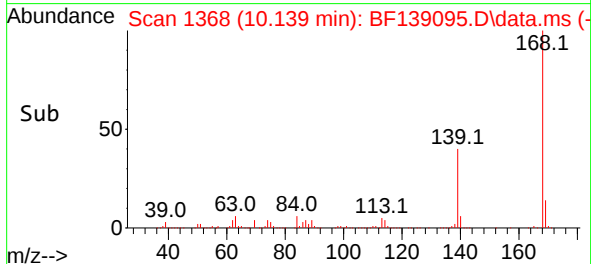
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



Tgt Ion:168 Resp: 729725
Ion Ratio Lower Upper
168 100
139 40.2 31.6 47.4
169 13.6 10.7 16.1

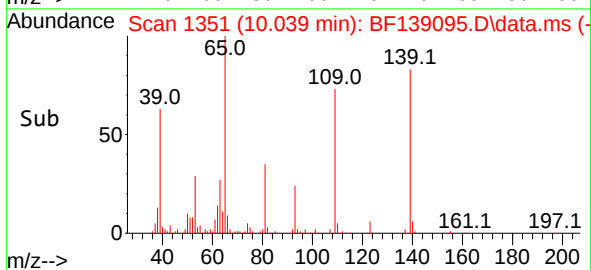
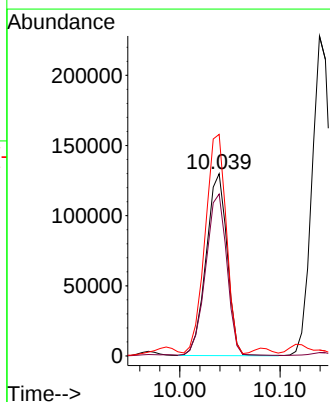
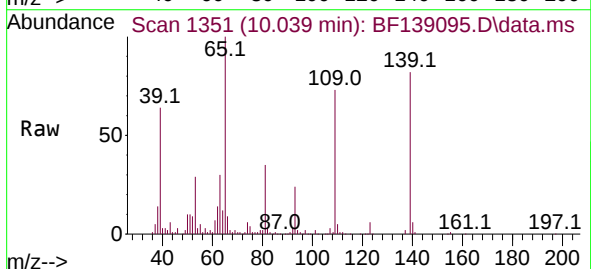
Manual Integrations
APPROVED

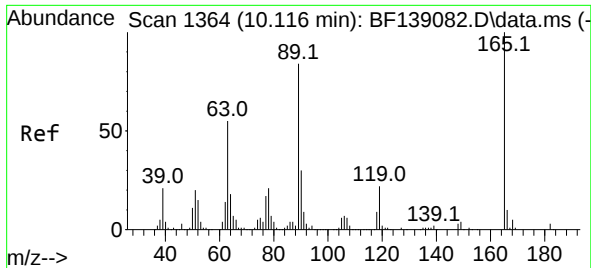
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#56
4-Nitrophenol
Concen: 103.449 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.005 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

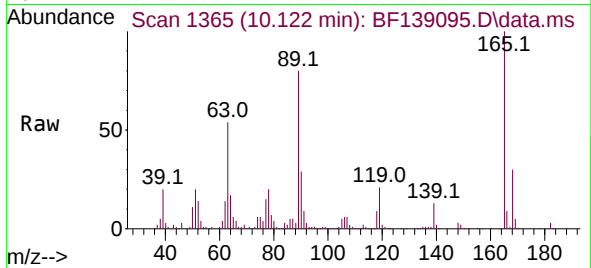
Tgt Ion:139 Resp: 188641
Ion Ratio Lower Upper
139 100
109 88.9 68.8 108.8
65 121.7 101.3 141.3





#57
2,4-Dinitrotoluene
Concen: 53.040 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

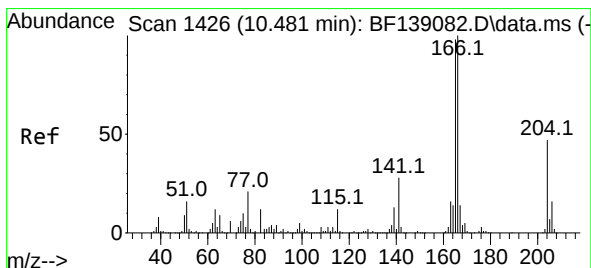
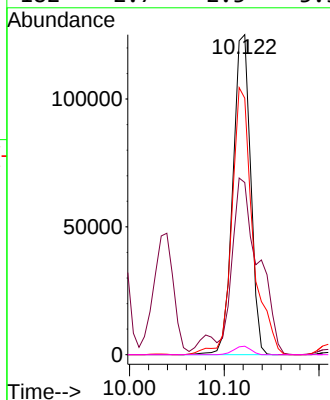
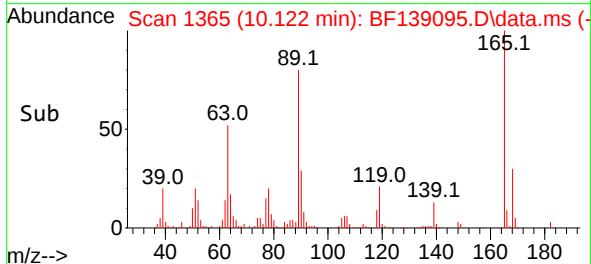
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



Tgt Ion:165 Resp: 162895
Ion Ratio Lower Upper
165 100
63 53.8 44.2 66.4
89 80.1 67.4 101.2
182 2.7 2.3 3.5

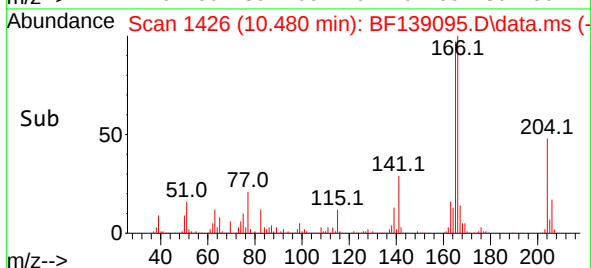
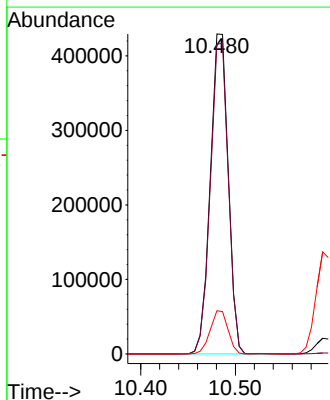
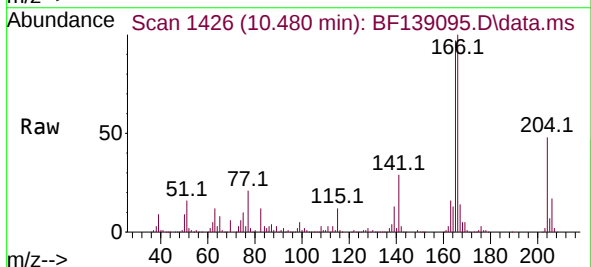
Manual Integrations
APPROVED

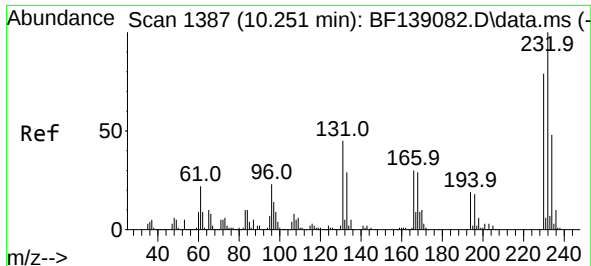
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#58
Fluorene
Concen: 47.449 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

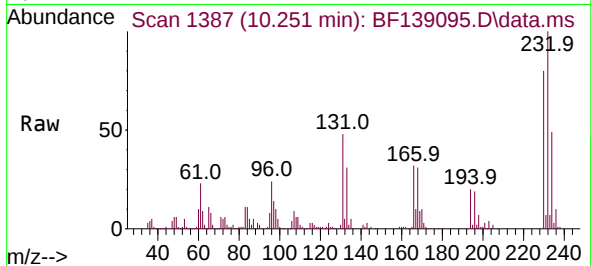
Tgt Ion:166 Resp: 566865
Ion Ratio Lower Upper
166 100
165 96.8 78.0 117.0
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.907 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

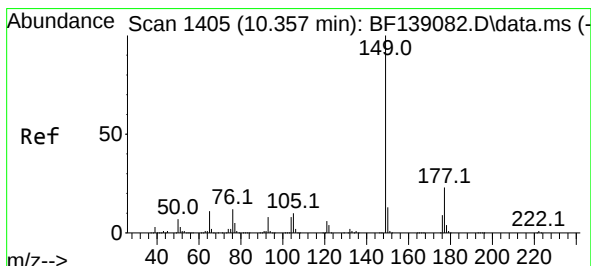
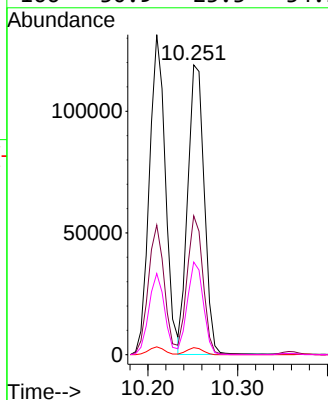
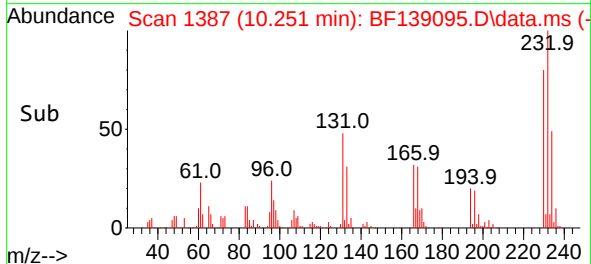
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



Tgt Ion:232 Resp: 151469
Ion Ratio Lower Upper
232 100
131 46.1 36.0 54.0
130 2.3 2.0 3.0
166 30.9 23.3 34.9

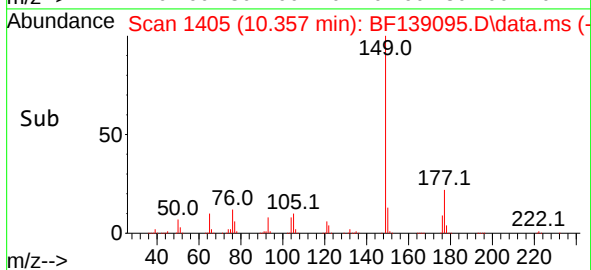
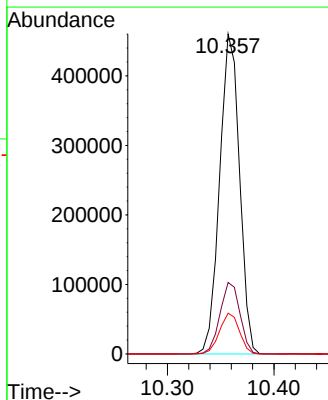
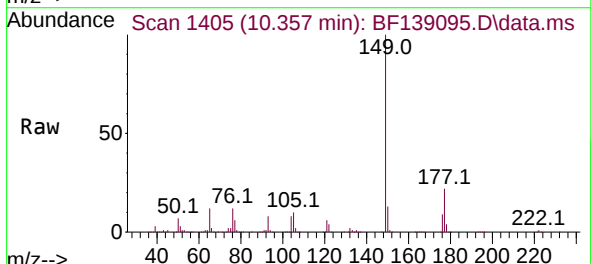
Manual Integrations
APPROVED

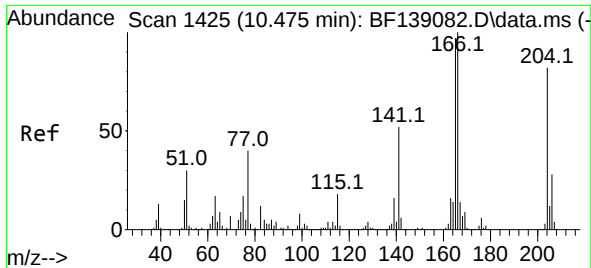
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#60
Diethylphthalate
Concen: 49.810 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

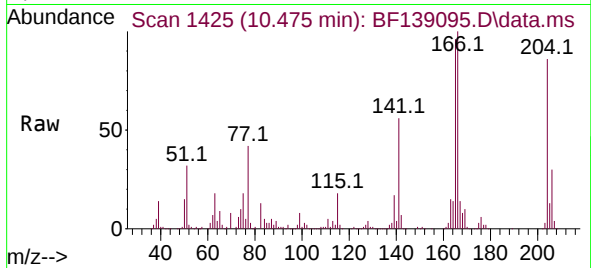
Tgt Ion:149 Resp: 595390
Ion Ratio Lower Upper
149 100
177 22.3 18.4 27.6
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 46.891 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

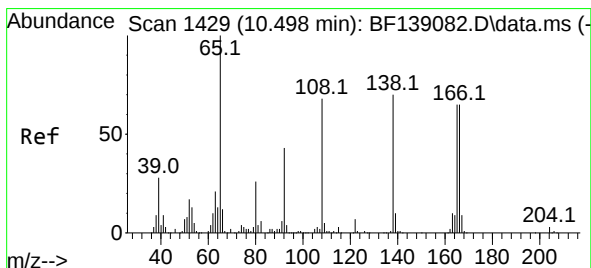
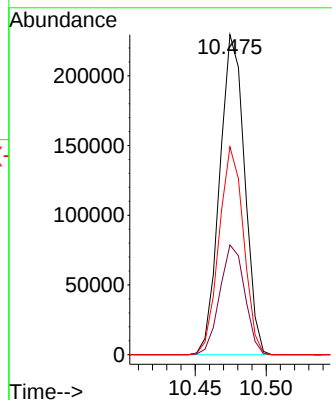
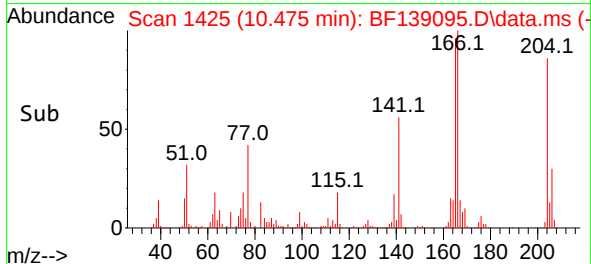
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



Tgt Ion:204 Resp: 279784
Ion Ratio Lower Upper
204 100
206 34.3 27.0 40.4
141 64.9 50.9 76.3

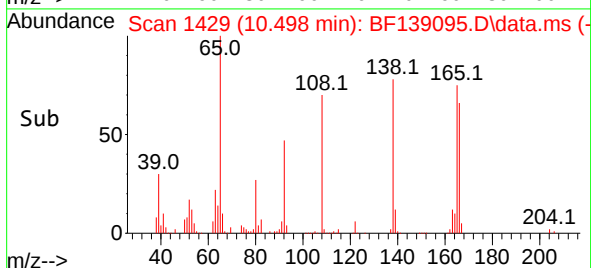
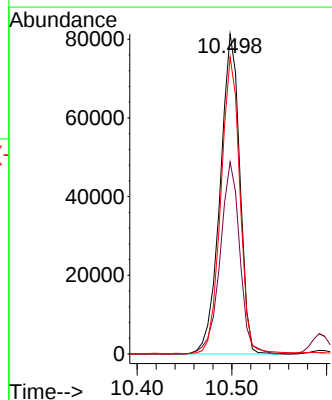
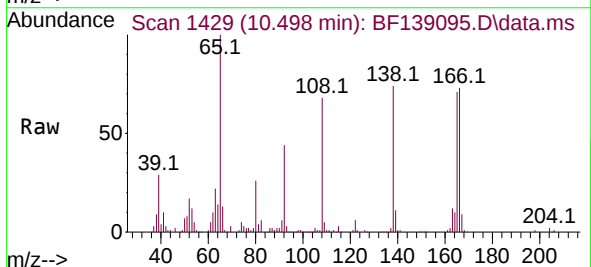
Manual Integrations
APPROVED

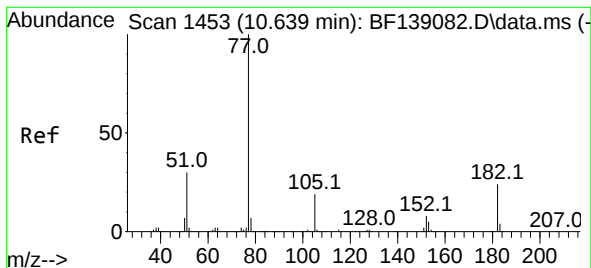
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#62
4-Nitroaniline
Concen: 47.380 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

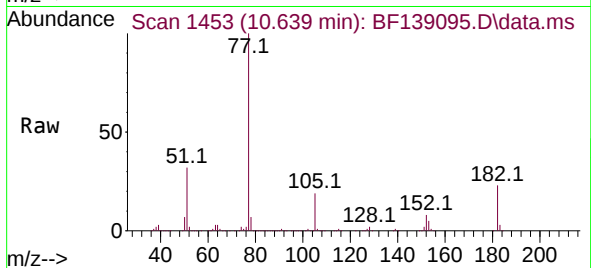
Tgt Ion:138 Resp: 117190
Ion Ratio Lower Upper
138 100
92 60.0 41.4 81.4
108 92.8 76.8 116.8





#63
Azobenzene
Concen: 49.032 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

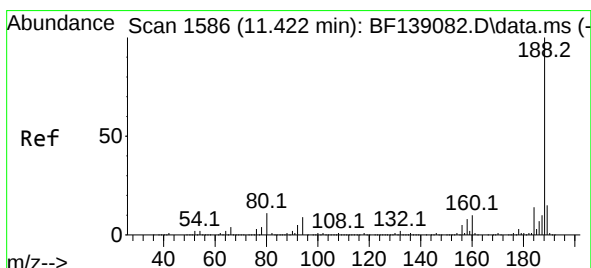
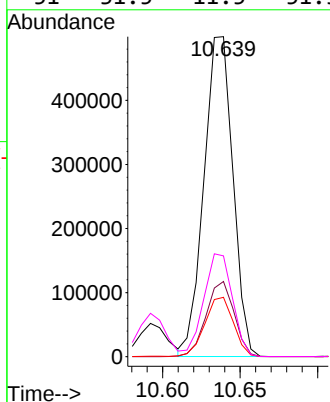
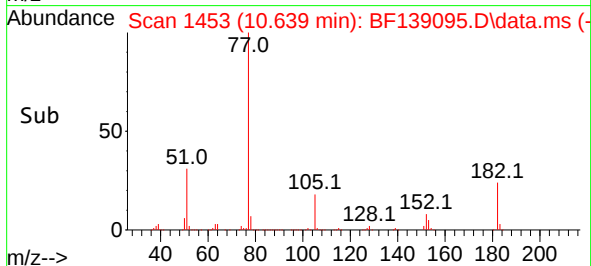
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



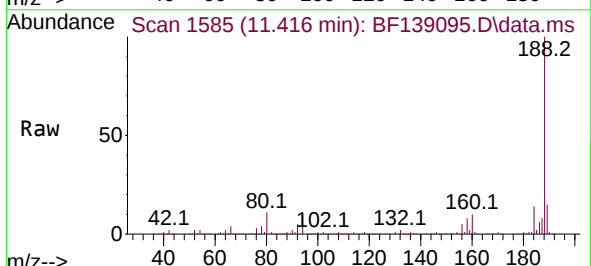
Tgt Ion: 77 Resp: 651310
Ion Ratio Lower Upper
77 100
182 23.5 4.0 44.0
105 18.5 0.0 39.1
51 31.5 11.5 51.5

Manual Integrations
APPROVED

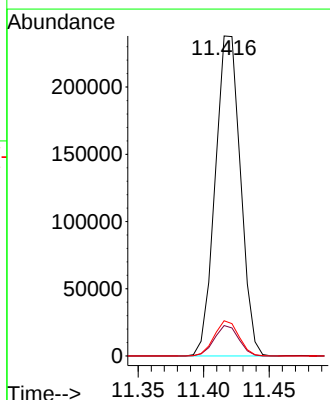
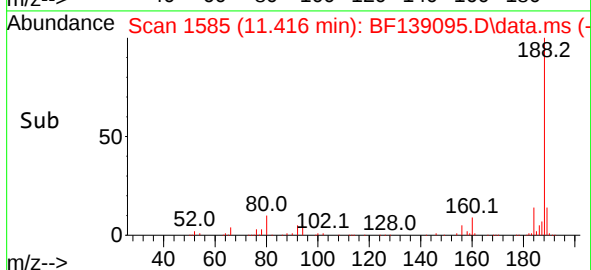
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

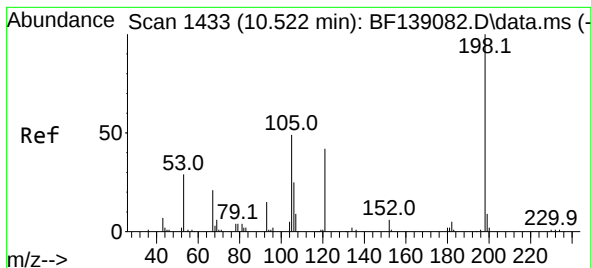


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52



Tgt Ion:188 Resp: 318526
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 11.0 8.5 12.7





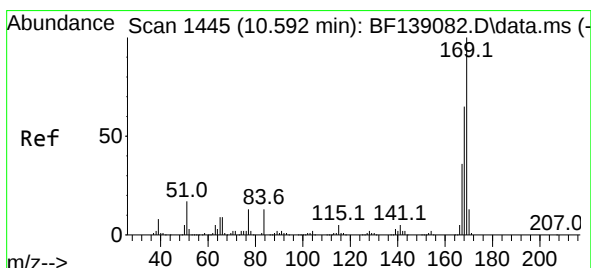
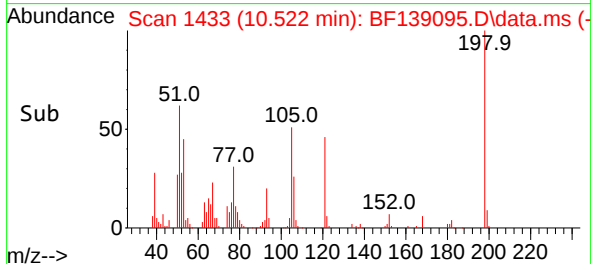
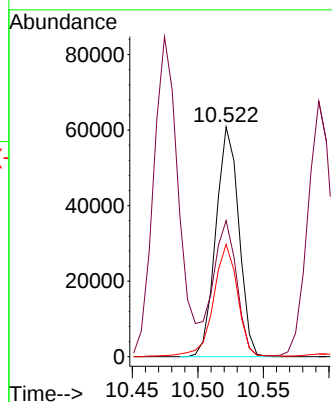
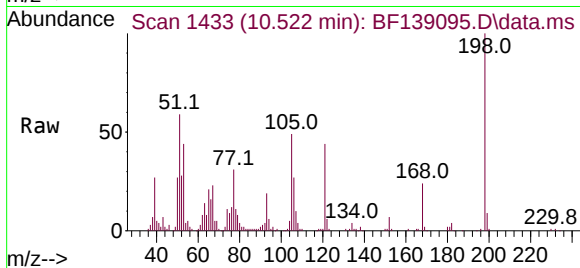
#65
4,6-Dinitro-2-methylphenol
Concen: 59.446 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD

Tgt Ion:198 Resp: 73818
Ion Ratio Lower Upper
198 100
51 59.2 40.8 80.8
105 48.9 30.9 70.9

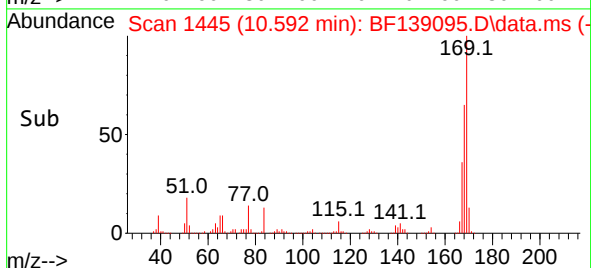
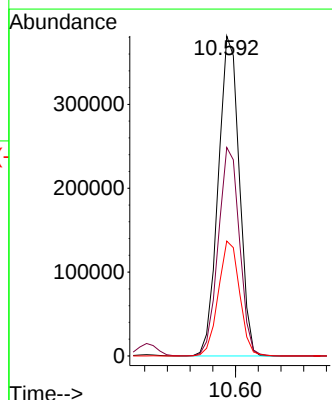
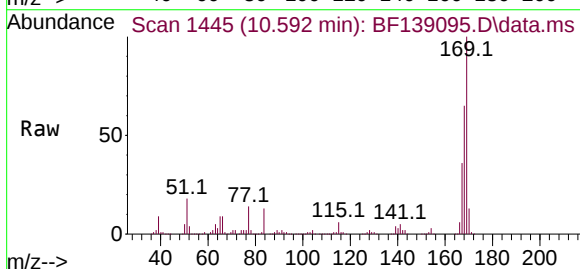
Manual Integrations
APPROVED

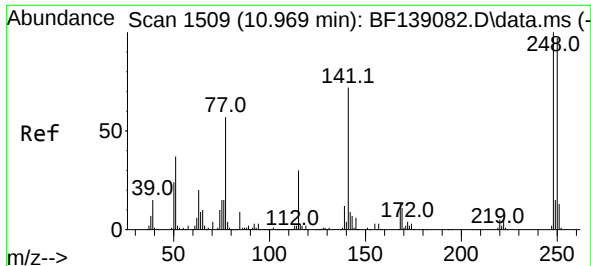
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#66
n-Nitrosodiphenylamine
Concen: 51.991 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

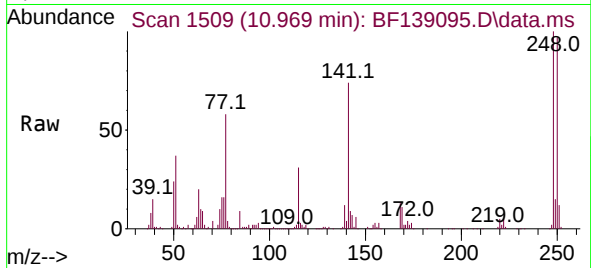
Tgt Ion:169 Resp: 490014
Ion Ratio Lower Upper
169 100
168 65.2 52.4 78.6
167 35.9 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 52.226 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

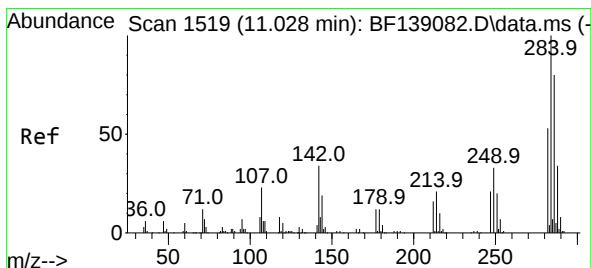
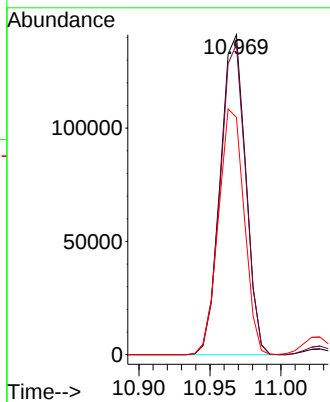
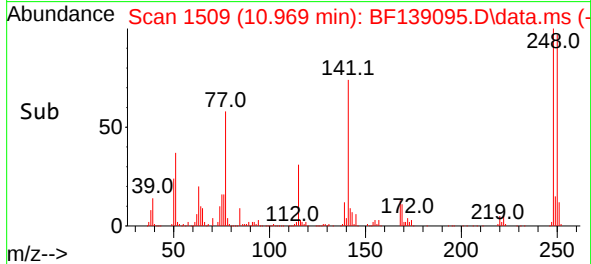
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



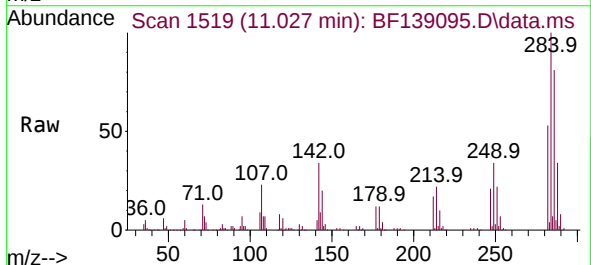
Tgt Ion:248 Resp: 176275
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.8
141 74.2 57.9 86.9

Manual Integrations
APPROVED

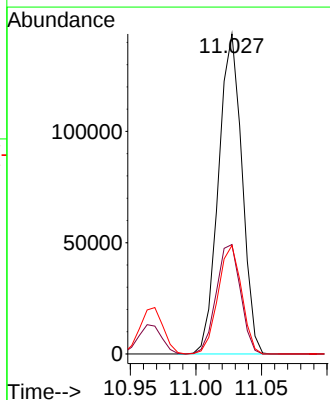
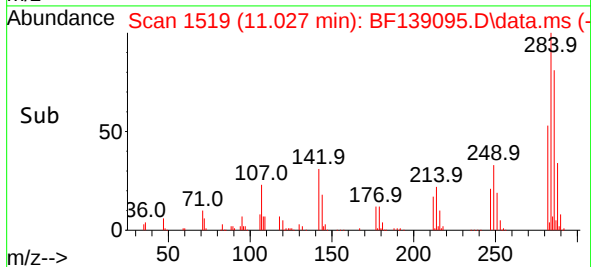
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

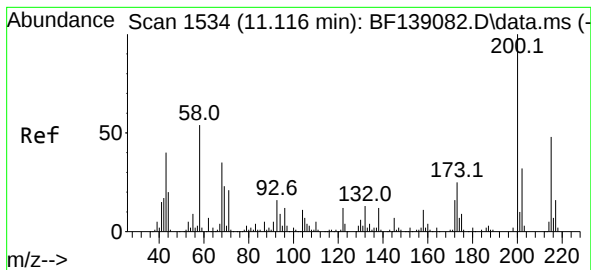


#68
Hexachlorobenzene
Concen: 49.472 ng
RT: 11.027 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52



Tgt Ion:284 Resp: 179140
Ion Ratio Lower Upper
284 100
142 34.2 27.1 40.7
249 33.9 26.8 40.2





#69

Atrazine

Concen: 53.902 ng

RT: 11.122 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139095.D

Acq: 21 Aug 2024 11:52

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MSD

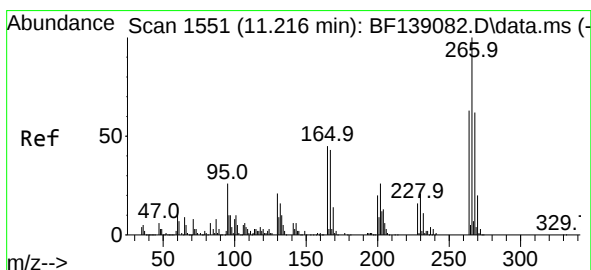
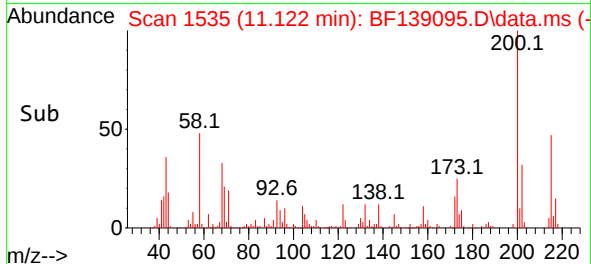
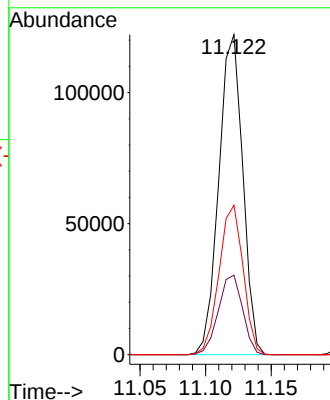
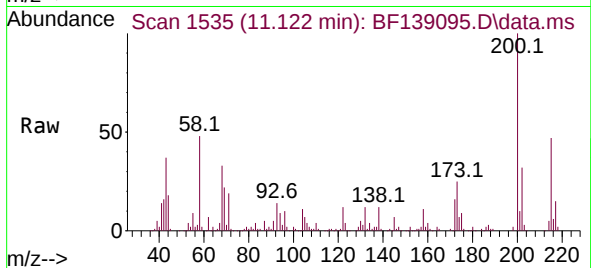
Tgt Ion:200 Resp: 155154
Ion Ratio Lower Upper
200 100
173 24.9 5.2 45.2
215 46.7 27.9 67.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#70

Pentachlorophenol

Concen: 93.437 ng

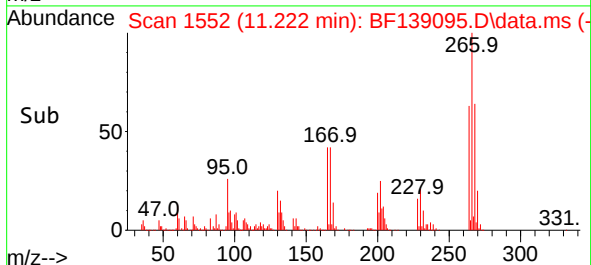
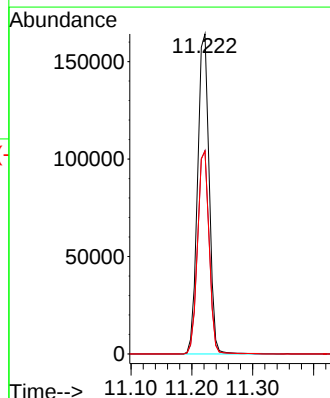
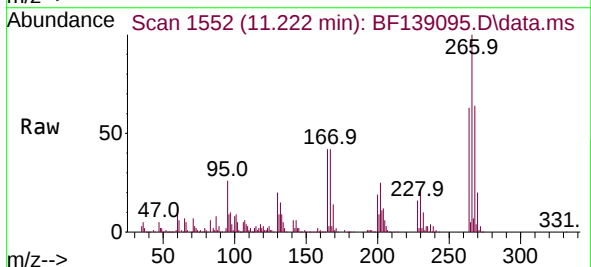
RT: 11.222 min Scan# 1552

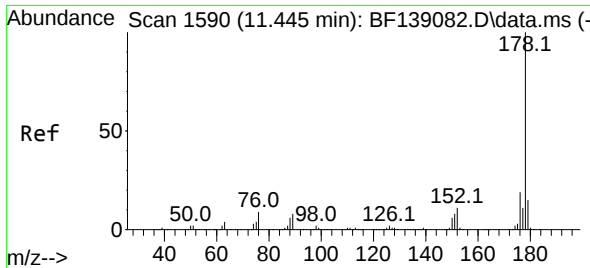
Delta R.T. 0.006 min

Lab File: BF139095.D

Acq: 21 Aug 2024 11:52

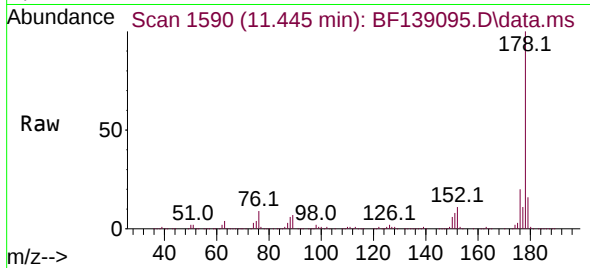
Tgt Ion:266 Resp: 216122
Ion Ratio Lower Upper
266 100
268 63.5 49.5 74.3
264 63.3 50.0 75.0





#71
Phenanthrene
Concen: 48.090 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

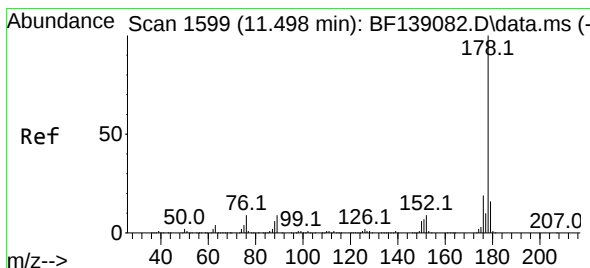
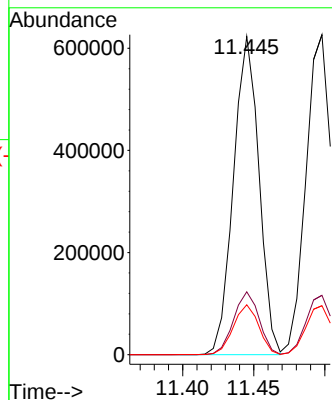
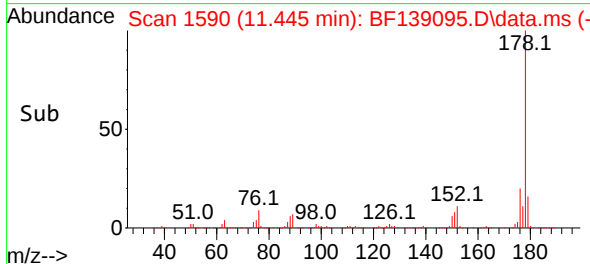
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



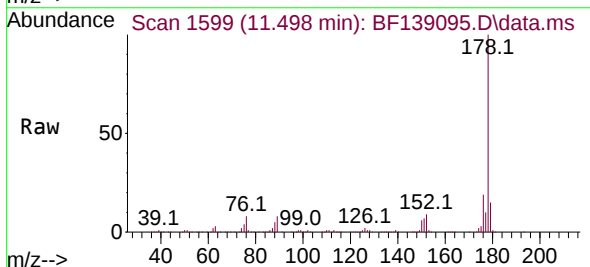
Tgt Ion:178 Resp: 778578
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.7 12.3 18.5

Manual Integrations
APPROVED

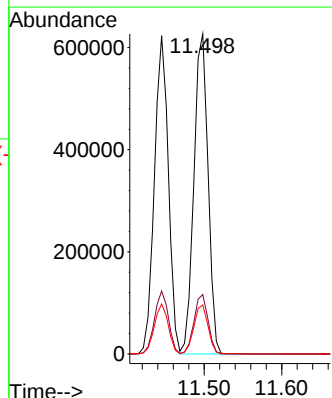
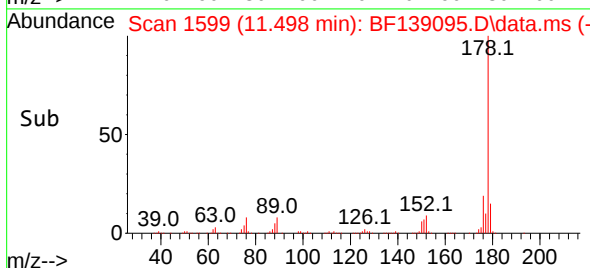
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

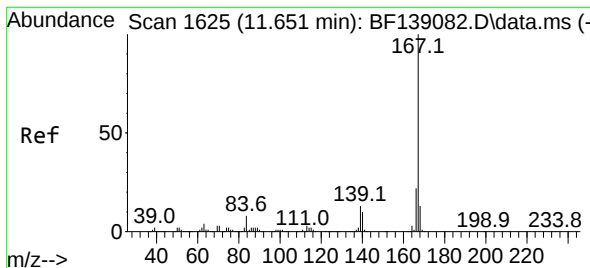


#72
Anthracene
Concen: 50.040 ng
RT: 11.498 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52



Tgt Ion:178 Resp: 792302
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.3 12.4 18.6





#73

Carbazole

Concen: 42.391 ng

RT: 11.645 min Scan# 1624

Delta R.T. -0.006 min

Lab File: BF139095.D

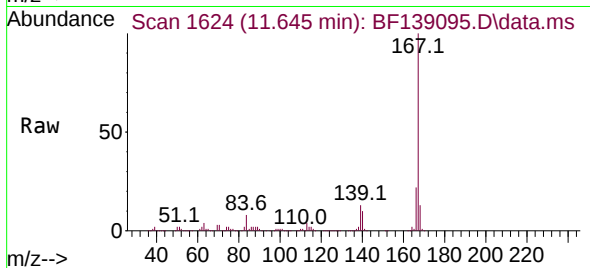
Acq: 21 Aug 2024 11:52

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MSD



Tgt Ion:167 Resp: 62675

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

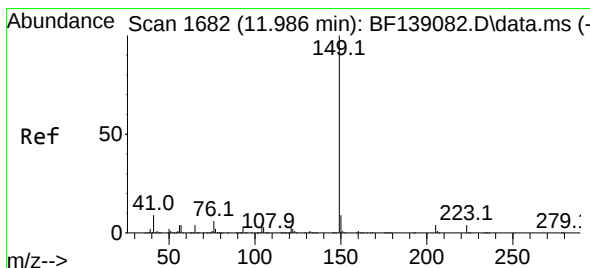
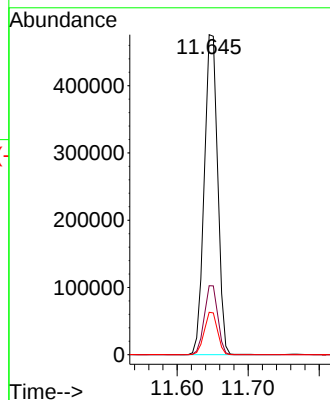
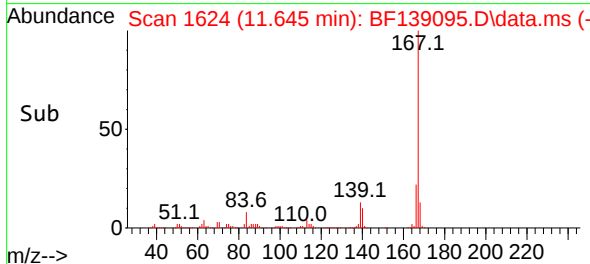
139 13.3 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#74

Di-n-butylphthalate

Concen: 45.475 ng

RT: 11.986 min Scan# 1682

Delta R.T. -0.000 min

Lab File: BF139095.D

Acq: 21 Aug 2024 11:52

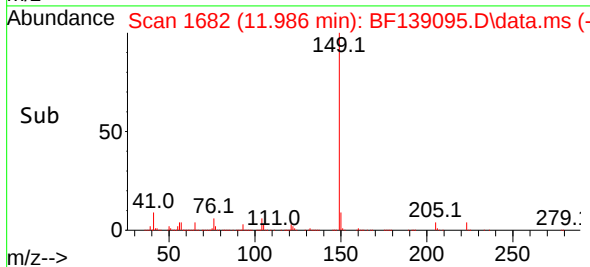
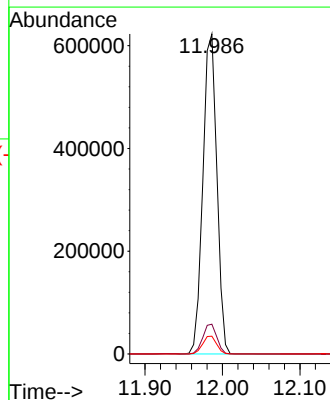
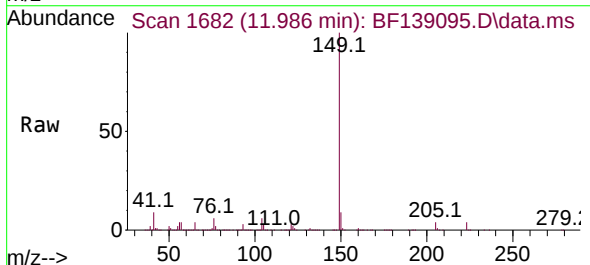
Tgt Ion:149 Resp: 779596

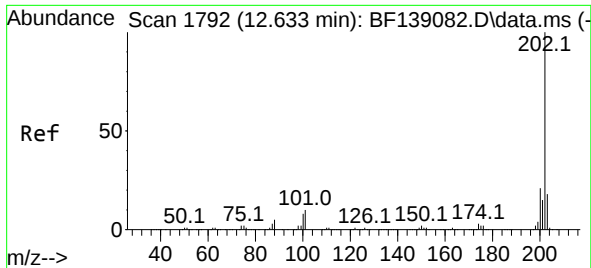
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

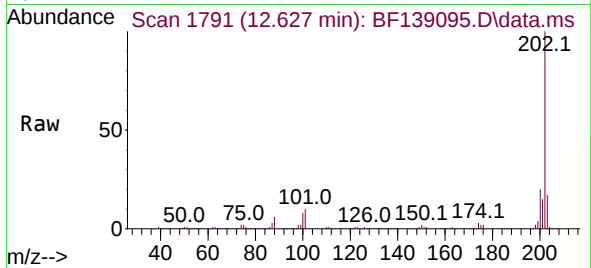
104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 37.412 ng
RT: 12.627 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

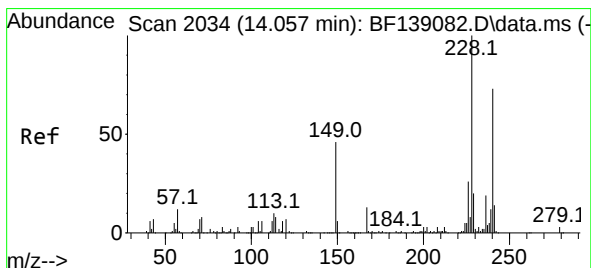
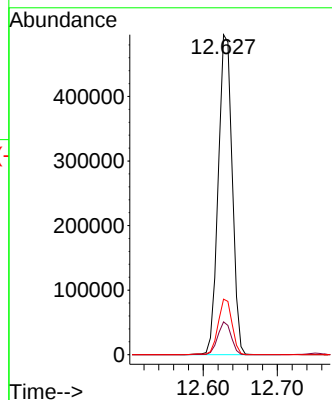
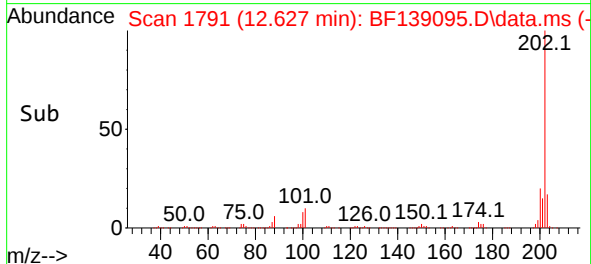
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



Tgt Ion:202 Resp: 64648
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.2
203 17.3 0.0 37.6

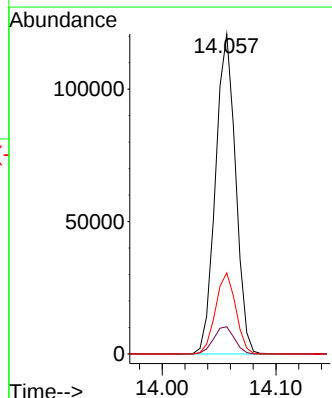
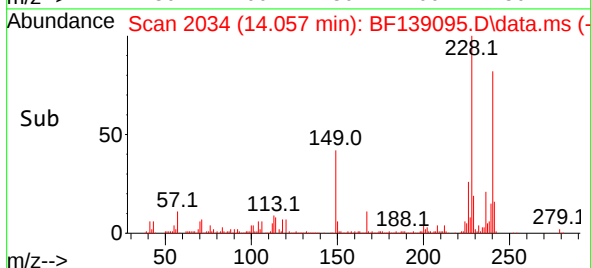
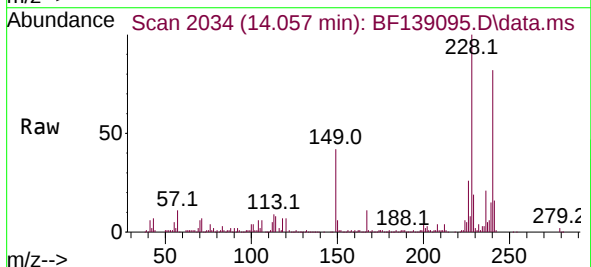
Manual Integrations
APPROVED

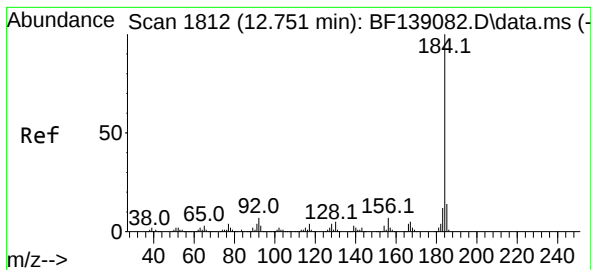
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

Tgt Ion:240 Resp: 148531
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 25.3 20.9 31.3





#77

Benzidine

Concen: 105.822 ng

RT: 12.751 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF139095.D

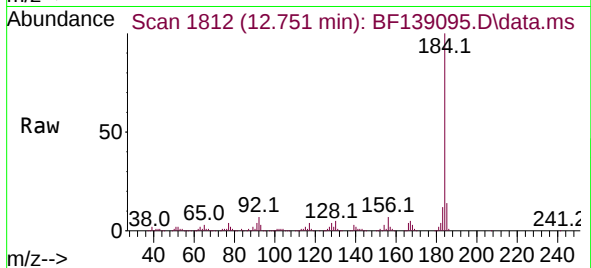
Acq: 21 Aug 2024 11:52

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MSD



Tgt Ion:184 Resp: 324674

Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

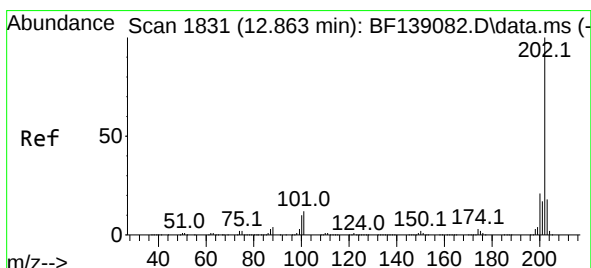
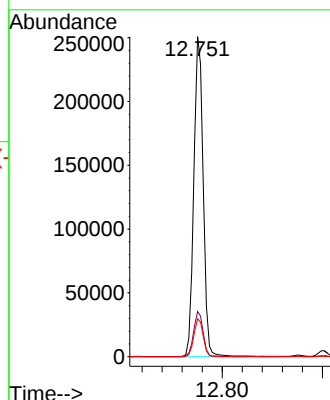
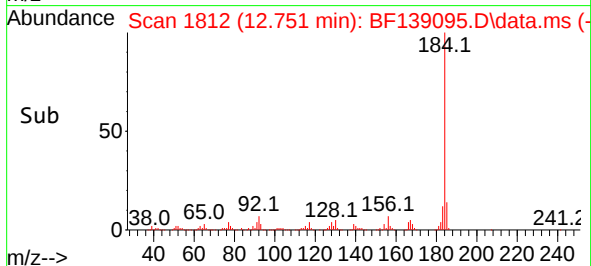
183 11.8 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#78

Pyrene

Concen: 50.638 ng

RT: 12.857 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF139095.D

Acq: 21 Aug 2024 11:52

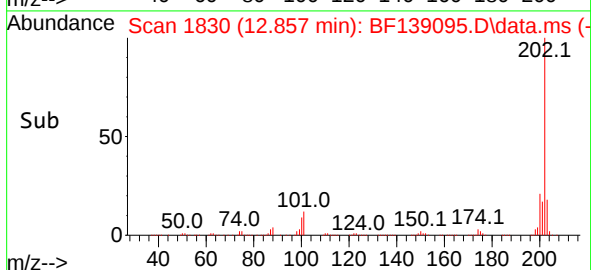
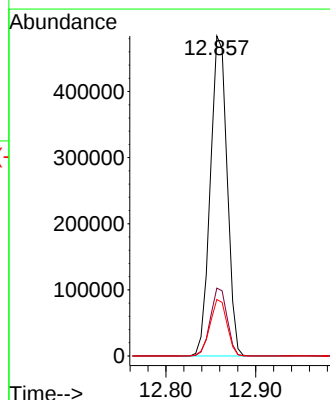
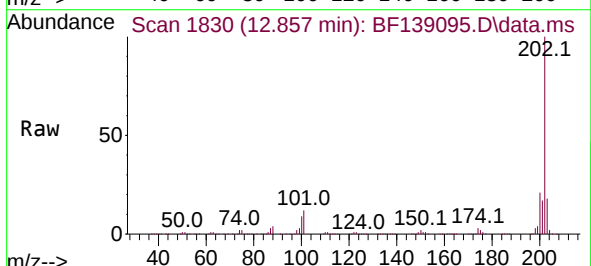
Tgt Ion:202 Resp: 627661

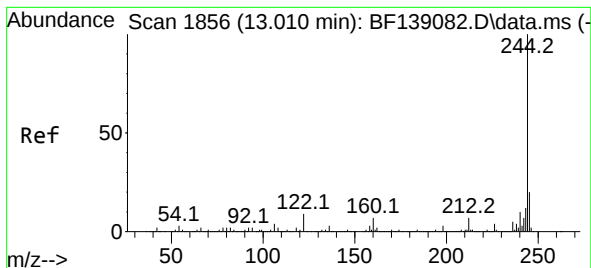
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 44.571 ng

RT: 13.004 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139095.D

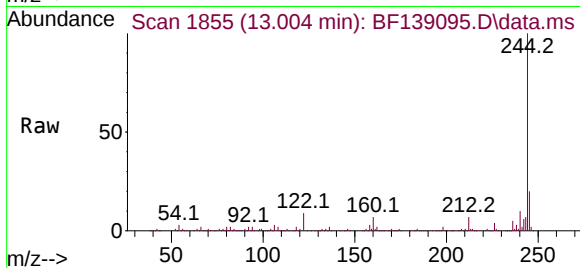
Acq: 21 Aug 2024 11:52

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MSD



Tgt Ion:244 Resp: 398974

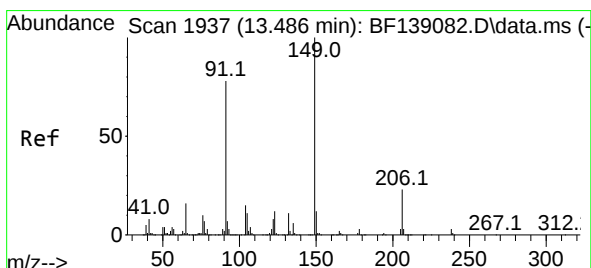
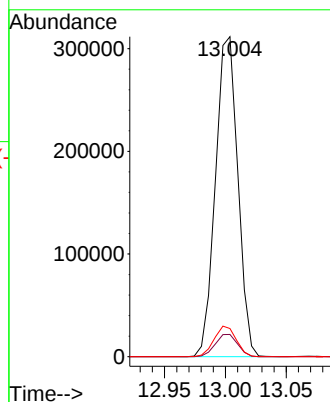
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	8.8	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#80

Butylbenzylphthalate

Concen: 49.767 ng

RT: 13.480 min Scan# 1936

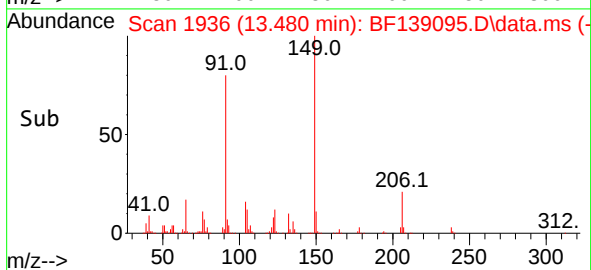
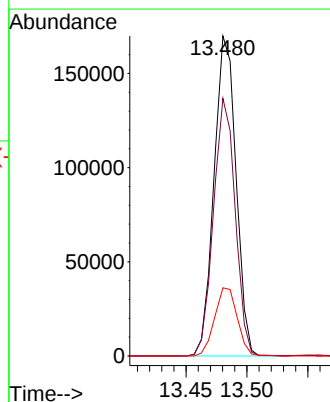
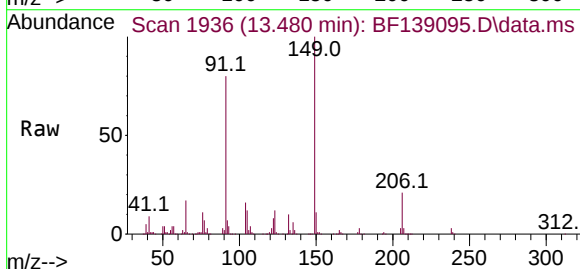
Delta R.T. -0.006 min

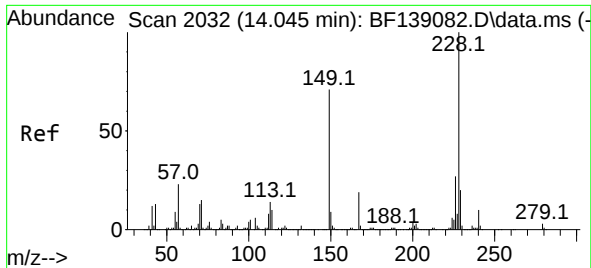
Lab File: BF139095.D

Acq: 21 Aug 2024 11:52

Tgt Ion:149 Resp: 213413

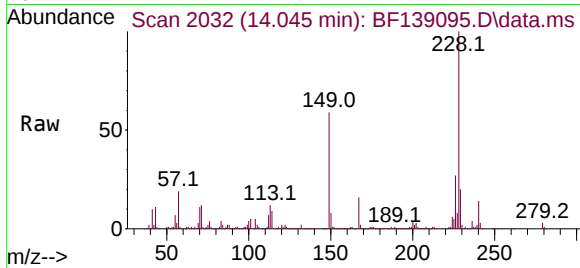
Ion	Ratio	Lower	Upper
149	100		
91	80.5	62.1	93.1
206	21.3	18.0	27.0





#81
Benzo(a)anthracene
Concen: 49.014 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

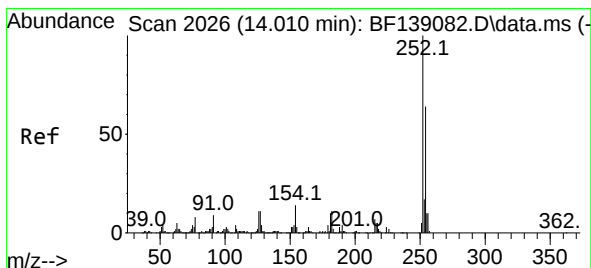
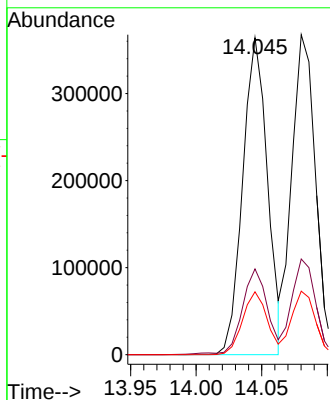
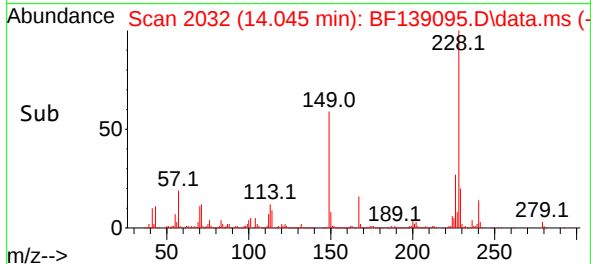
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



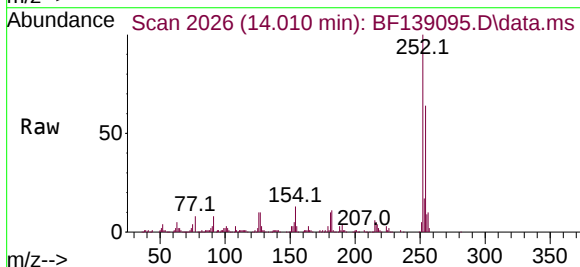
Tgt Ion:228 Resp: 47856
Ion Ratio Lower Upper
228 100
226 27.0 21.9 32.9
229 19.8 16.1 24.1

Manual Integrations
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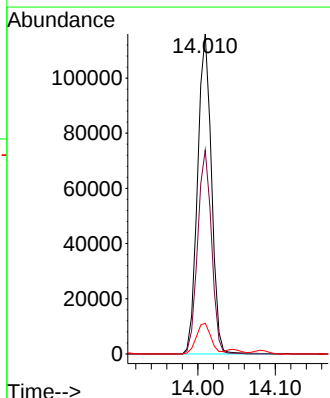
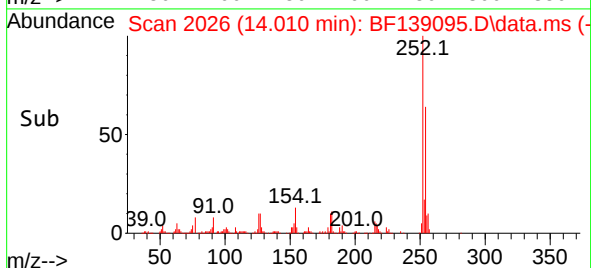
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

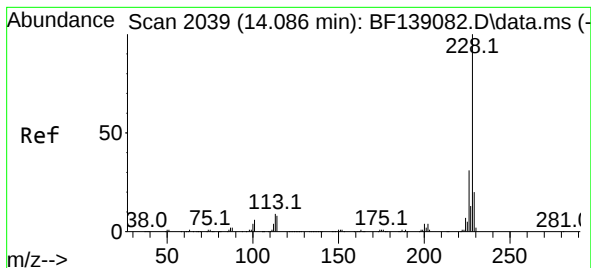


#82
3,3'-Dichlorobenzidine
Concen: 52.777 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52



Tgt Ion:252 Resp: 144039
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.0
126 9.6 8.6 12.8





#83

Chrysene

Concen: 51.922 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF139095.D

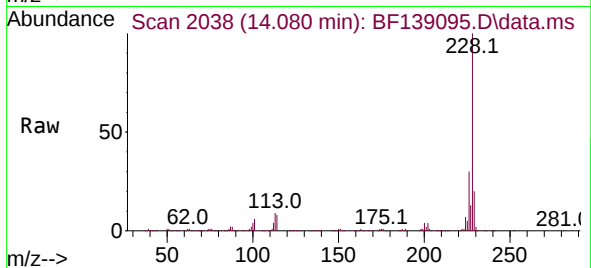
Acq: 21 Aug 2024 11:52

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MSD



Tgt Ion:228 Resp: 459510

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

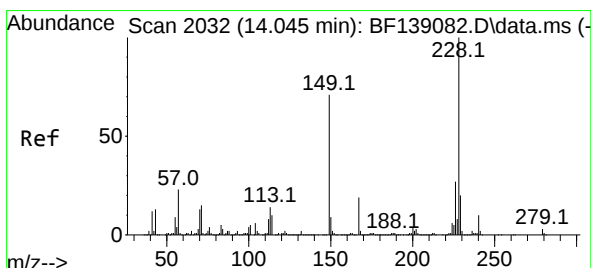
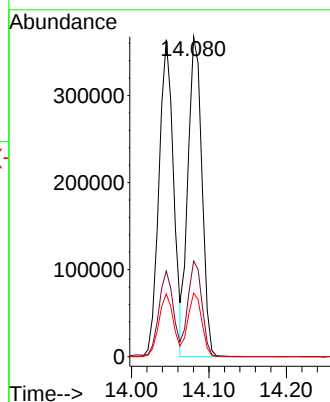
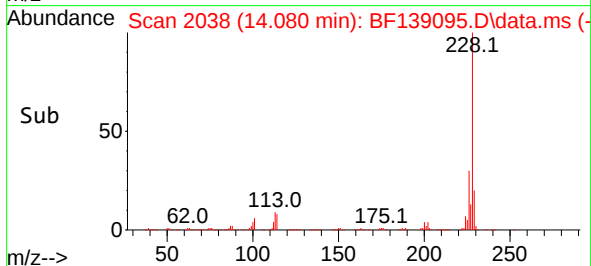
229 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.083 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF139095.D

Acq: 21 Aug 2024 11:52

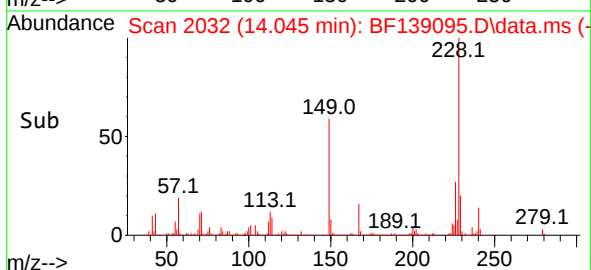
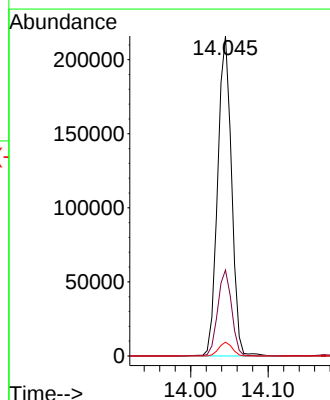
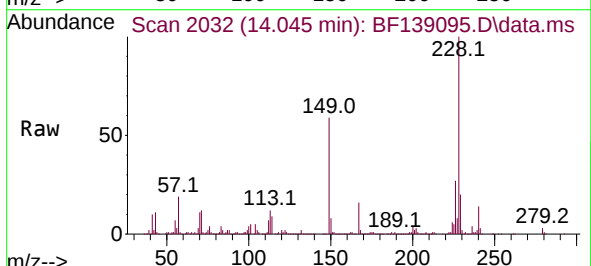
Tgt Ion:149 Resp: 267666

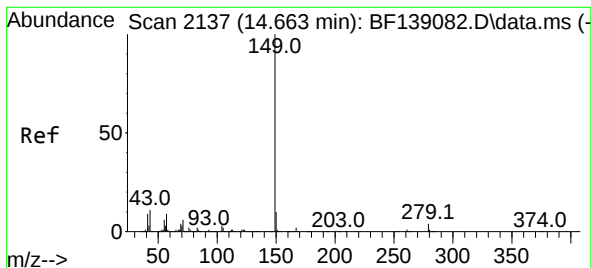
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 61.231 ng

RT: 14.662 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF139095.D

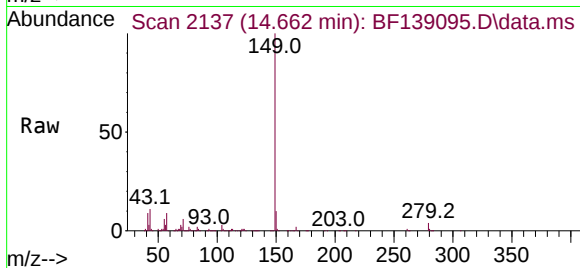
Acq: 21 Aug 2024 11:52

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MSD



Tgt Ion:149 Resp: 48856

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

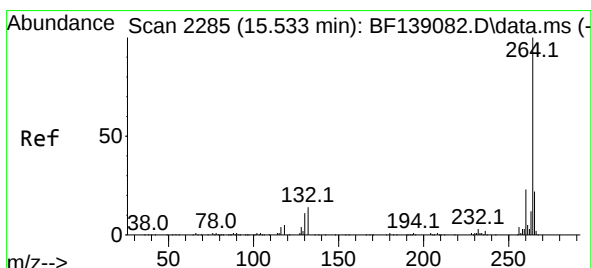
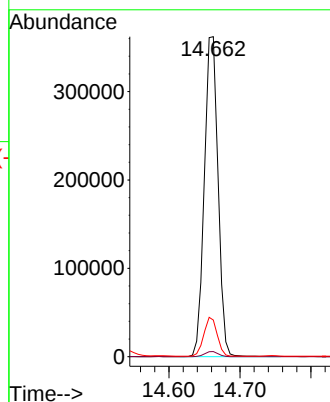
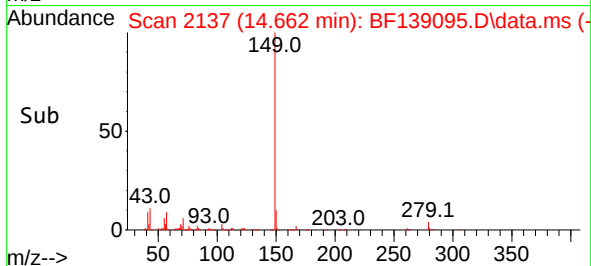
43 11.8 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.000 min

Lab File: BF139095.D

Acq: 21 Aug 2024 11:52

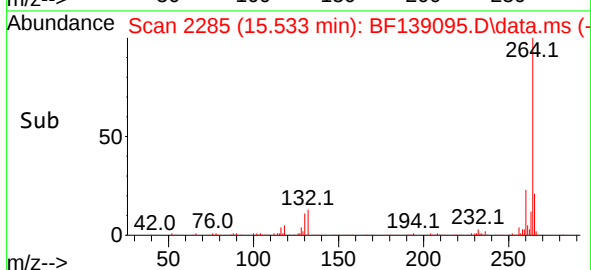
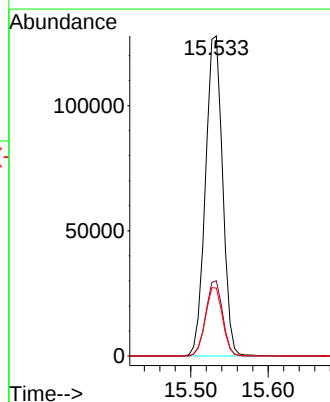
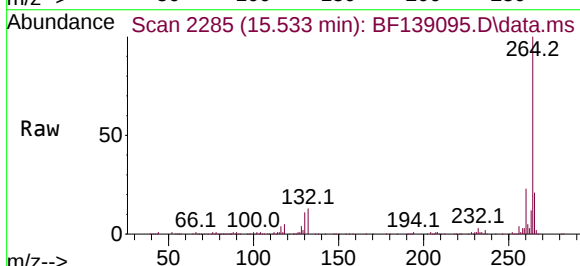
Tgt Ion:264 Resp: 196106

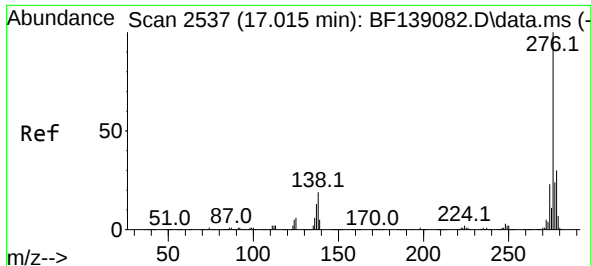
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

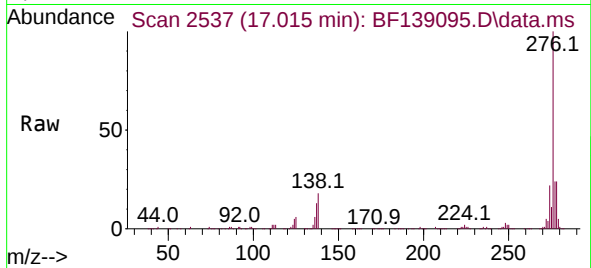
265 21.2 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.430 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52

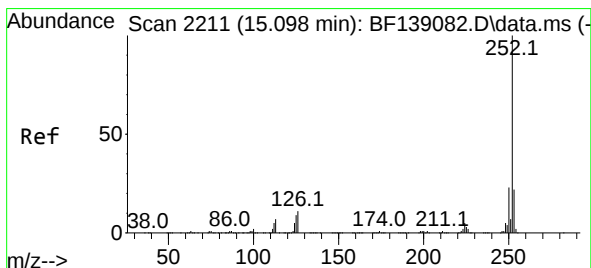
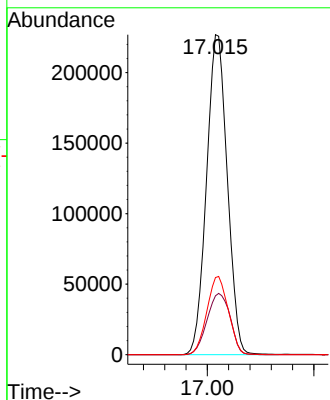
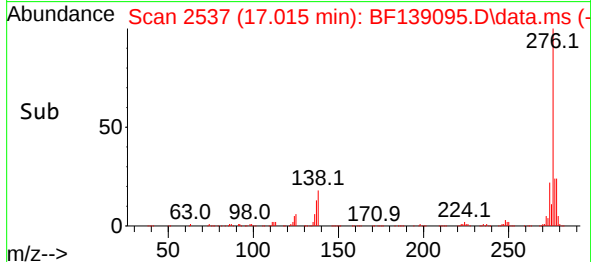
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MSD



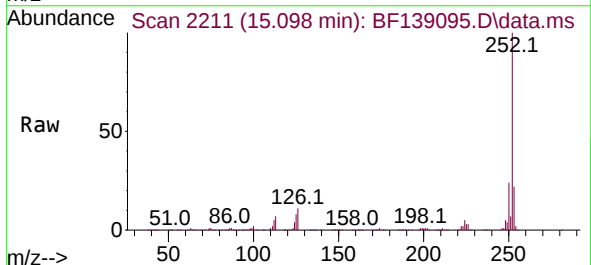
Tgt Ion:276 Resp: 613220
Ion Ratio Lower Upper
276 100
138 21.3 17.3 25.9
277 25.3 20.2 30.4

Manual Integrations
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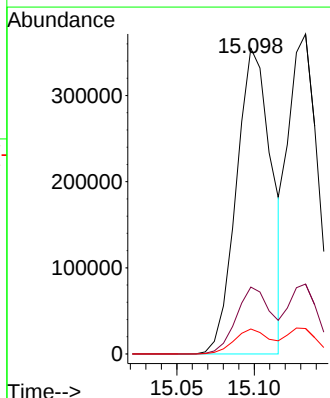
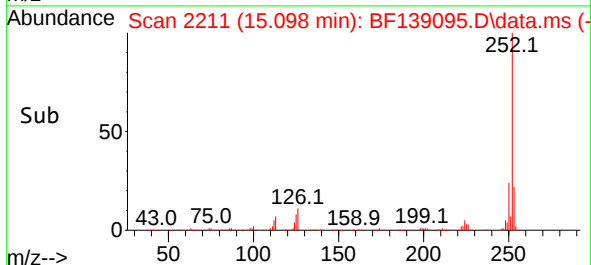
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

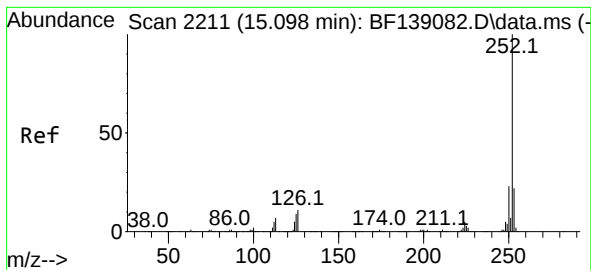


#88
Benzo(b)fluoranthene
Concen: 43.932 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BF139095.D
Acq: 21 Aug 2024 11:52



Tgt Ion:252 Resp: 561665
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 46.062 ng

RT: 15.133 min Scan# 2217

Delta R.T. -0.000 min

Lab File: BF139095.D

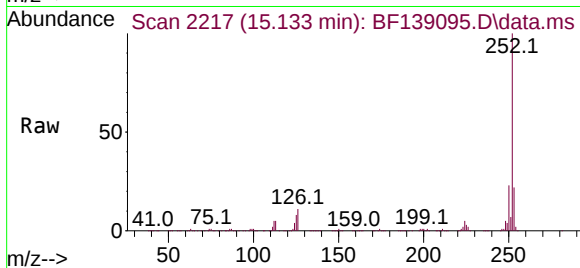
Acq: 21 Aug 2024 11:52

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MSD



Tgt Ion:252 Resp: 490480

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

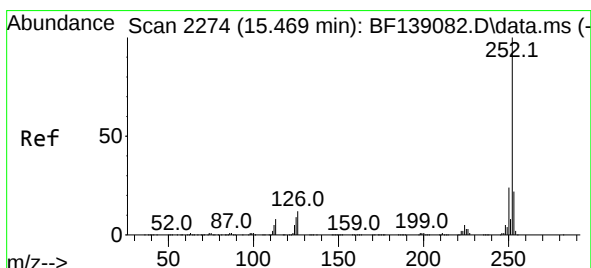
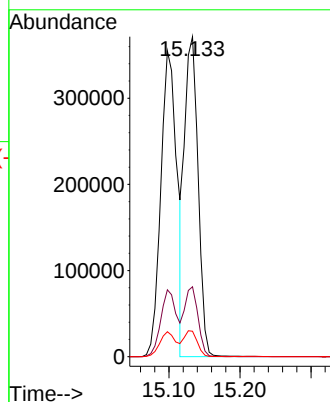
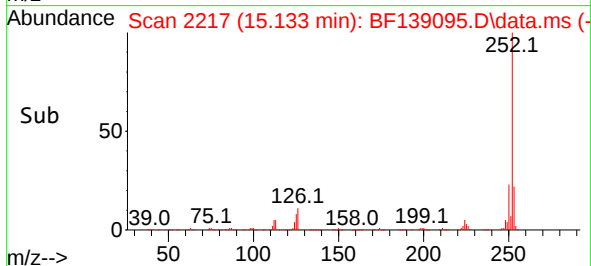
125 7.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#90

Benzo(a)pyrene

Concen: 51.156 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF139095.D

Acq: 21 Aug 2024 11:52

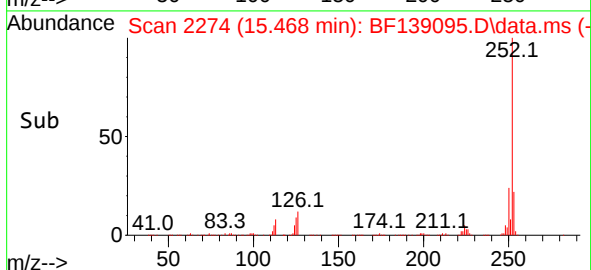
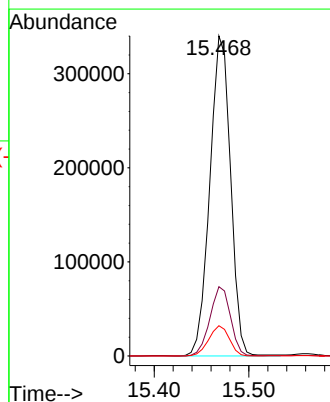
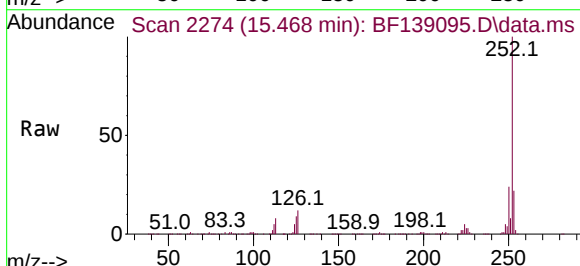
Tgt Ion:252 Resp: 516790

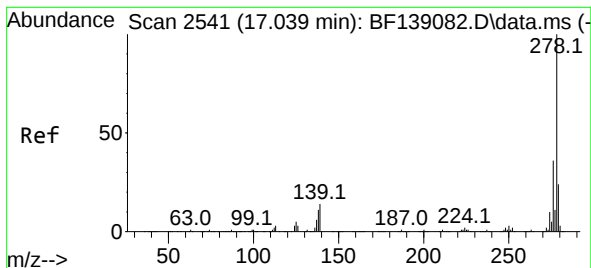
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.4 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 53.525 ng

RT: 17.039 min Scan# 2541

Delta R.T. -0.000 min

Lab File: BF139095.D

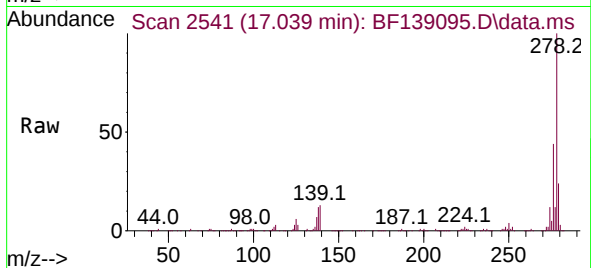
Acq: 21 Aug 2024 11:52

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MSD



Tgt Ion:278 Resp: 504288

Ion Ratio Lower Upper

278 100

139 13.4 10.8 16.2

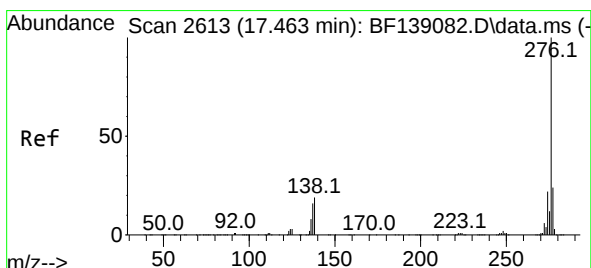
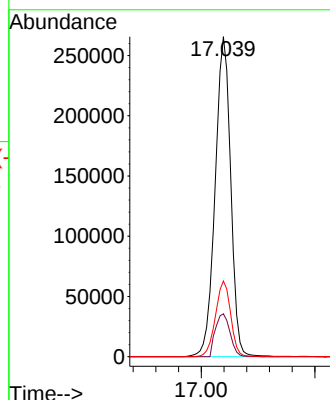
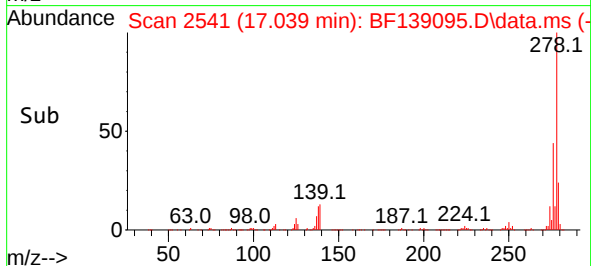
279 23.7 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#92

Benzo(g,h,i)perylene

Concen: 40.920 ng

RT: 17.468 min Scan# 2614

Delta R.T. 0.005 min

Lab File: BF139095.D

Acq: 21 Aug 2024 11:52

Tgt Ion:276 Resp: 435747

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 17.3 15.0 22.4

