

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
 Data File : BF139524.D
 Acq On : 24 Sep 2024 17:07
 Operator : RC/JU
 Sample : P4149-15MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024

Quant Time: Sep 24 17:29:27 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Sep 14 02:58:23 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	53487	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	203421	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	115511	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	223761	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	129176	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	124848	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	251183	76.610	ng	0.00
7) Phenol-d6	6.504	99	343430	79.802	ng	0.00
23) Nitrobenzene-d5	7.439	82	227183	52.503	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	87721	71.332	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	429213	52.114	ng	0.00
79) Terphenyl-d14	12.980	244	442766	56.261	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	55415	42.127	ng	96
3) Pyridine	3.381	79	144988	49.992	ng	97
4) n-Nitrosodimethylamine	3.334	42	100672	40.048	ng	# 82
6) Aniline	6.540	93	155671	47.933	ng	99
8) 2-Chlorophenol	6.663	128	158120	46.850	ng	98
9) Benzaldehyde	6.422	77	24008	9.656	ng	99
10) Phenol	6.522	94	211696	48.298	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	150782	45.261	ng	100
12) 1,3-Dichlorobenzene	6.816	146	164365	42.822	ng	99
13) 1,4-Dichlorobenzene	6.892	146	169661	43.741	ng	98
14) 1,2-Dichlorobenzene	7.045	146	158110	43.139	ng	97
15) Benzyl Alcohol	7.016	79	146075	42.545	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.145	45	274926	53.549	ng	91
17) 2-Methylphenol	7.128	107	128015	47.740	ng	97
18) Hexachloroethane	7.387	117	61574	41.678	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	118855	46.606	ng	98
20) 3+4-Methylphenols	7.281	107	164816	45.052	ng	# 84
22) Acetophenone	7.281	105	222474	41.834	ng	99
24) Nitrobenzene	7.457	77	183711	41.251	ng	98
25) Isophorone	7.698	82	322344	47.104	ng	99
26) 2-Nitrophenol	7.775	139	83641	48.207	ng	92
27) 2,4-Dimethylphenol	7.810	122	129926m	56.769	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	183279	46.993	ng	98
29) 2,4-Dichlorophenol	8.016	162	134156	46.141	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	138858	40.989	ng	99
31) Naphthalene	8.181	128	473219	44.560	ng	100
32) Benzoic acid	7.892	122	40217	18.777	ng	90
33) 4-Chloroaniline	8.234	127	42631	13.122	ng	96
34) Hexachlorobutadiene	8.292	225	90946	39.515	ng	99
35) Caprolactam	8.586	113	42799m	47.853	ng	
36) 4-Chloro-3-methylphenol	8.716	107	152212	45.808	ng	96
37) 2-Methylnaphthalene	8.869	142	317423	47.090	ng	98
38) 1-Methylnaphthalene	8.969	142	292429	44.188	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	147246	43.012	ng	99
41) Hexachlorocyclopentadiene	9.022	237	138509	115.878	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	100916	45.310	ng	99

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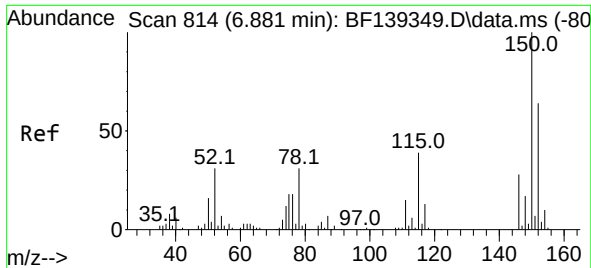
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

Quant Time: Sep 24 17:29:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	101617	43.253	ng	98
46) 1,1'-Biphenyl	9.333	154	392679	44.188	ng	99
47) 2-Chloronaphthalene	9.357	162	289261	43.534	ng	99
48) 2-Nitroaniline	9.457	65	116057	46.960	ng	98
49) Acenaphthylene	9.775	152	489449	48.936	ng	99
50) Dimethylphthalate	9.633	163	351581	46.374	ng	100
51) 2,6-Dinitrotoluene	9.698	165	76803	45.729	ng	94
52) Acenaphthene	9.945	154	325382	46.612	ng	99
53) 3-Nitroaniline	9.869	138	65952	39.292	ng	91
54) 2,4-Dinitrophenol	9.975	184	54746	58.497	ng	# 84
55) Dibenzofuran	10.122	168	456181	46.886	ng	94
56) 4-Nitrophenol	10.033	139	125811	90.585	ng	# 80
57) 2,4-Dinitrotoluene	10.098	165	110333	48.658	ng	96
58) Fluorene	10.463	166	355017	44.721	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	86250	44.380	ng	95
60) Diethylphthalate	10.333	149	360371	46.061	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	170767	44.263	ng	96
62) 4-Nitroaniline	10.480	138	87006	47.495	ng	87
63) Azobenzene	10.616	77	382769	49.742	ng	92
65) 4,6-Dinitro-2-methylph...	10.510	198	42291	35.810	ng	89
66) n-Nitrosodiphenylamine	10.575	169	308980	47.230	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	100826	45.470	ng	97
68) Hexachlorobenzene	11.010	284	112169	43.102	ng	98
69) Atrazine	11.098	200	99061	63.605	ng	99
70) Pentachlorophenol	11.204	266	104023	66.615	ng	99
71) Phenanthrene	11.422	178	530221	49.115	ng	100
72) Anthracene	11.475	178	524710	49.712	ng	100
73) Carbazole	11.633	167	476590	47.177	ng	99
74) Di-n-butylphthalate	11.957	149	548349	48.727	ng	99
75) Fluoranthene	12.610	202	524839	45.524	ng	98
77) Benzidine	12.733	184	157879	85.307	ng	99
78) Pyrene	12.839	202	525997	47.423	ng	100
80) Butylbenzylphthalate	13.457	149	186761	49.469	ng	97
81) Benzo(a)anthracene	14.027	228	406851	47.548	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	99259	39.612	ng	98
83) Chrysene	14.063	228	371973	47.252	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	236641	49.272	ng	99
85) Di-n-octyl phthalate	14.627	149	386182	54.600	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	276388	37.230	ng	96
88) Benzo(b)fluoranthene	15.080	252	371759	48.281	ng	99
89) Benzo(k)fluoranthene	15.110	252	341724	48.134	ng	99
90) Benzo(a)pyrene	15.445	252	328112	51.381	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	227286	37.050	ng	98
92) Benzo(g,h,i)perylene	17.427	276	191446	31.519	ng	# 96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

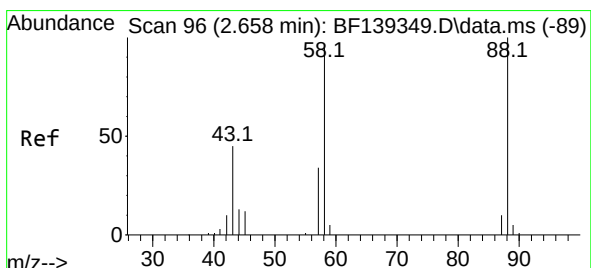
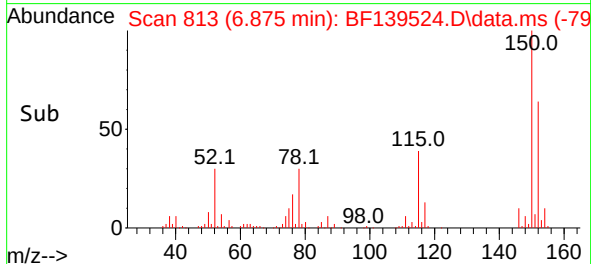
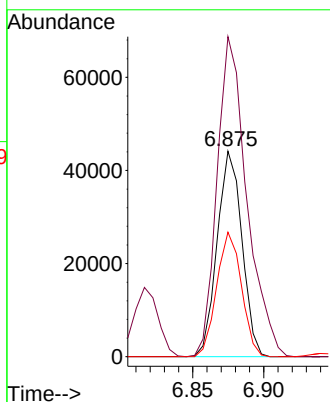
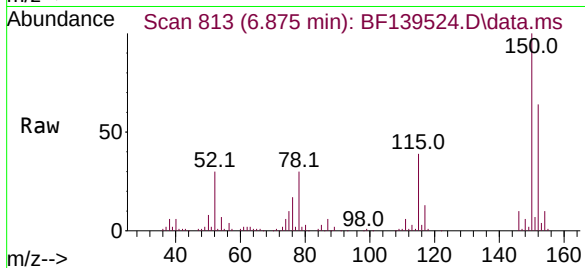
COMP-8MSD

Tgt Ion:152 Resp: 5348
Ion Ratio Lower Upper
152 100
150 155.8 124.1 186.1
115 60.6 48.1 72.1

Manual Integrations

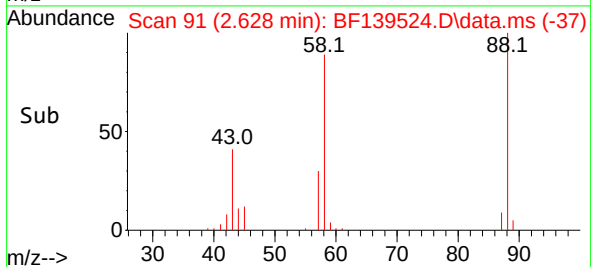
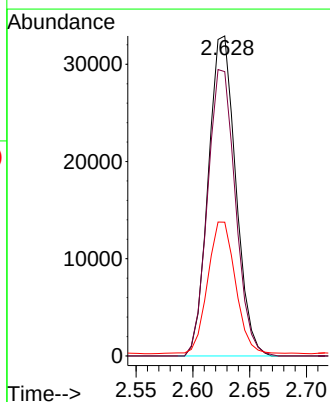
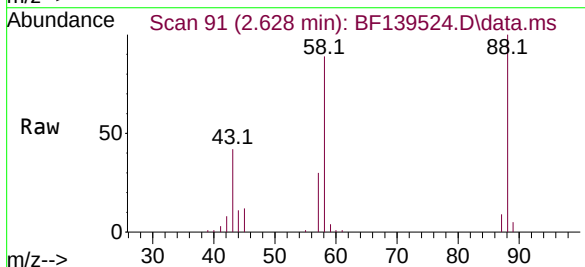
APPROVED

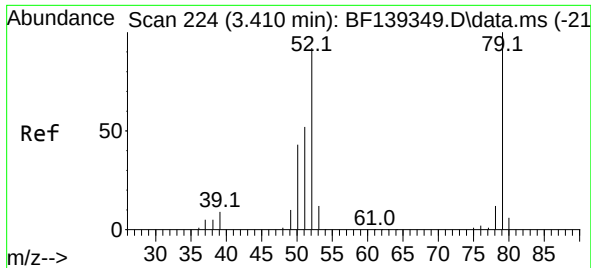
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#2
1,4-Dioxane
Concen: 42.127 ng
RT: 2.628 min Scan# 91
Delta R.T. -0.030 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Tgt Ion: 88 Resp: 55415
Ion Ratio Lower Upper
88 100
58 90.6 74.8 112.2
43 41.7 36.4 54.6





#3

Pyridine

Concen: 49.992 ng

RT: 3.381 min Scan# 211

Delta R.T. -0.030 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

Tgt Ion: 79 Resp: 14498

Ion Ratio Lower Upper

79 100

52 94.3 73.8 110.8

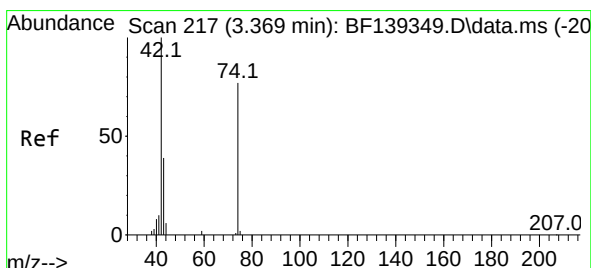
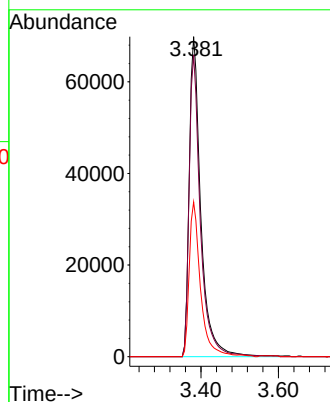
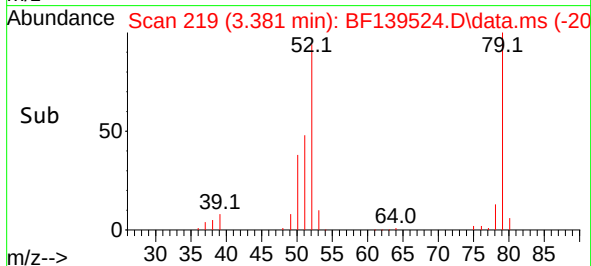
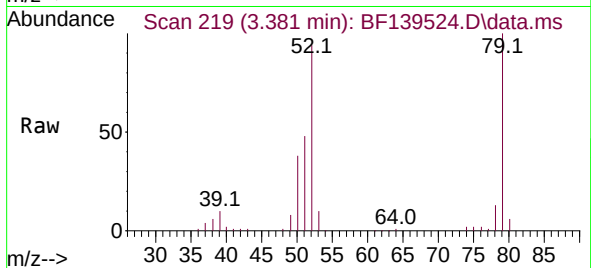
51 48.3 41.8 62.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#4

n-Nitrosodimethylamine

Concen: 40.048 ng

RT: 3.334 min Scan# 211

Delta R.T. -0.035 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

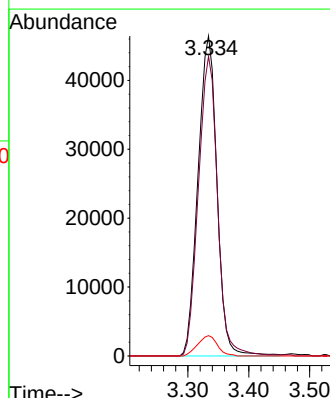
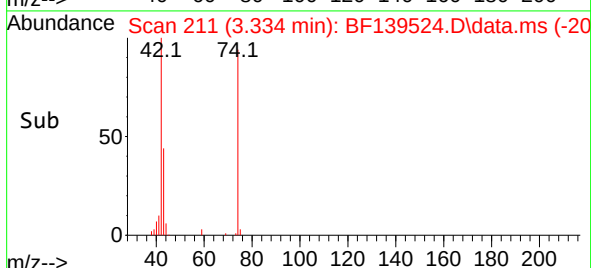
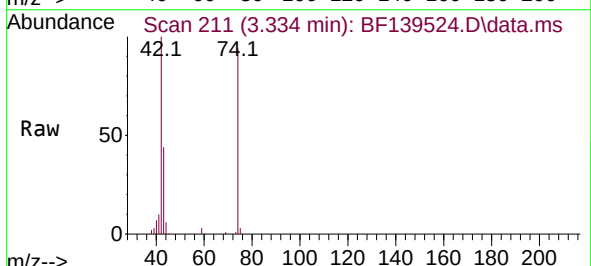
Tgt Ion: 42 Resp: 100672

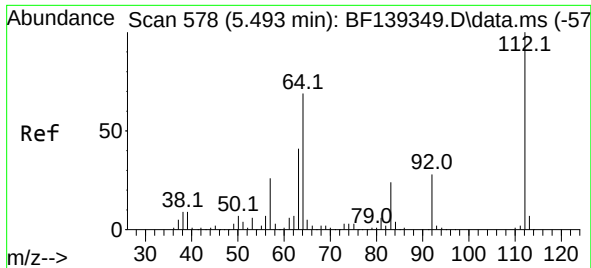
Ion Ratio Lower Upper

42 100

74 93.6 61.8 92.8

44 6.4 4.8 7.2





#5
2-Fluorophenol
Concen: 76.610 ng
RT: 5.493 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

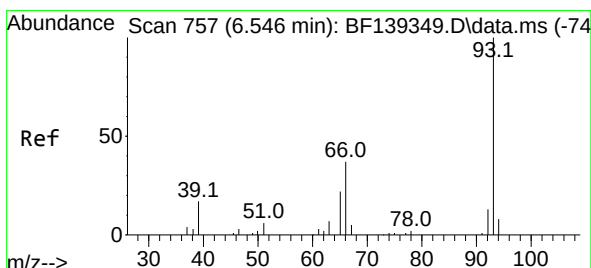
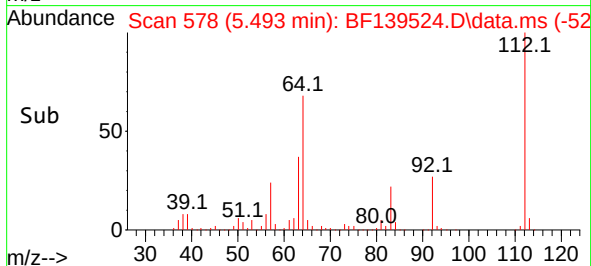
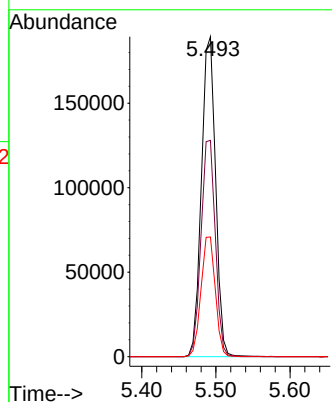
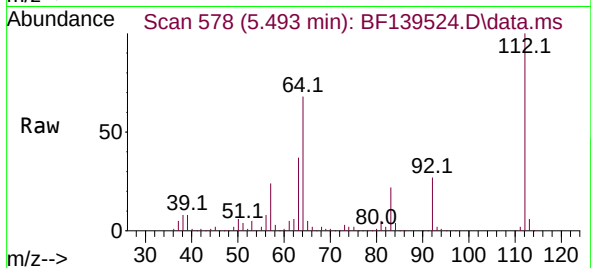
COMP-8MSD

Tgt Ion:112 Resp: 25118
Ion Ratio Lower Upper
112 100
64 67.6 54.8 82.2
63 37.4 33.0 49.4

Manual Integrations

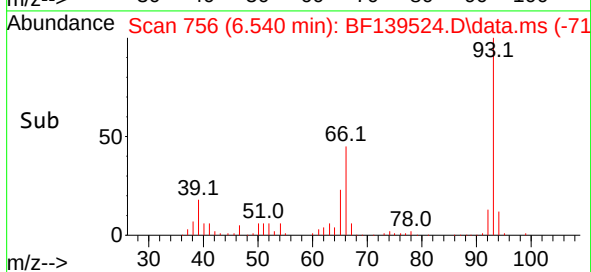
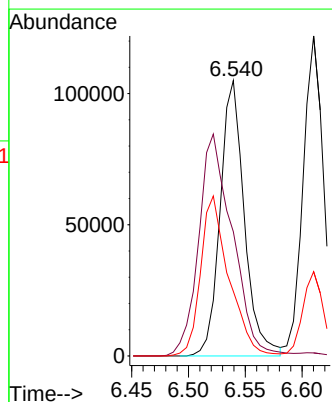
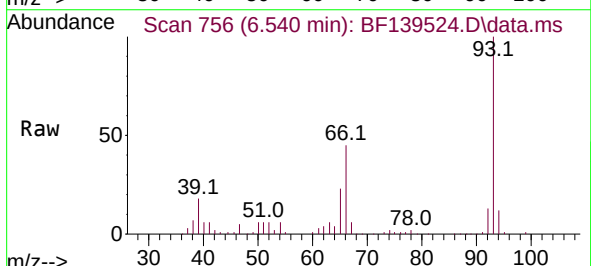
APPROVED

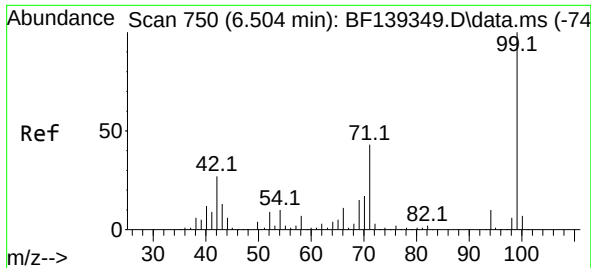
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#6
Aniline
Concen: 47.933 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

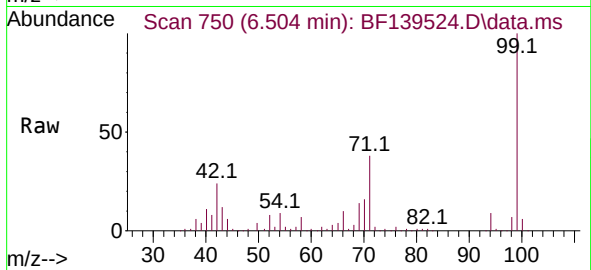
Tgt Ion: 93 Resp: 155671
Ion Ratio Lower Upper
93 100
66 45.1 35.4 53.0
65 23.5 18.2 27.4





#7
Phenol-d6
Concen: 79.802 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

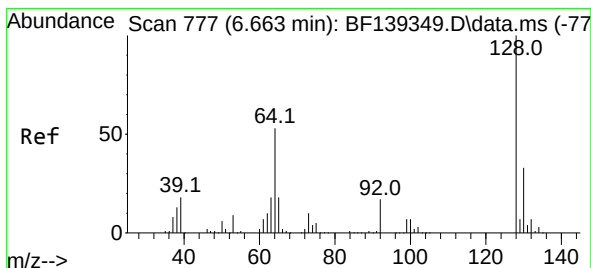
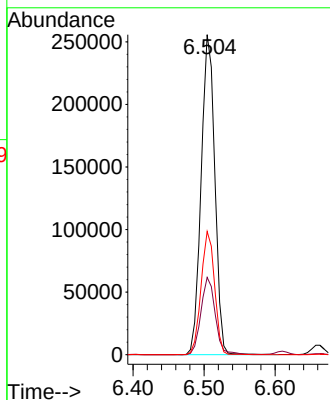
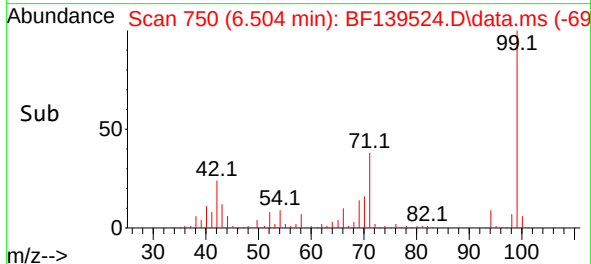
Instrument :
BNA_F
ClientSampleId :
COMP-8MSD



Tgt Ion: 99 Resp: 343430
Ion Ratio Lower Upper
99 100
42 24.2 21.9 32.9
71 38.5 34.6 52.0

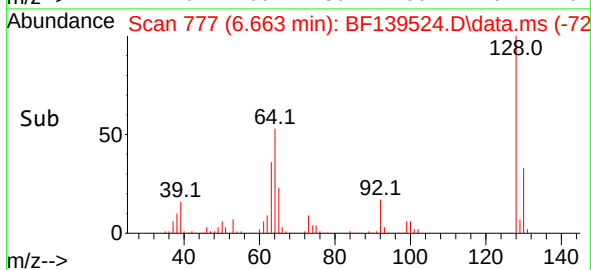
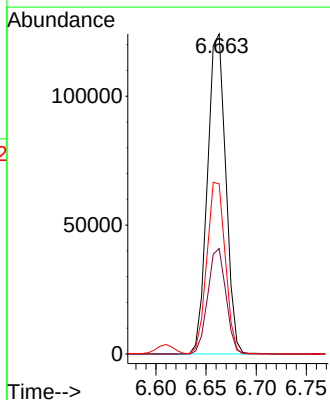
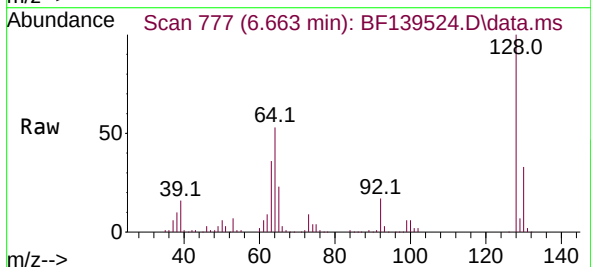
Manual Integrations
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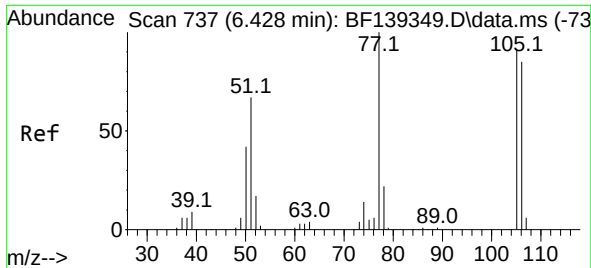
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#8
2-Chlorophenol
Concen: 46.850 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Tgt Ion:128 Resp: 158120
Ion Ratio Lower Upper
128 100
130 33.0 12.8 52.8
64 53.1 35.1 75.1





#9
Benzaldehyde
Concen: 9.656 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

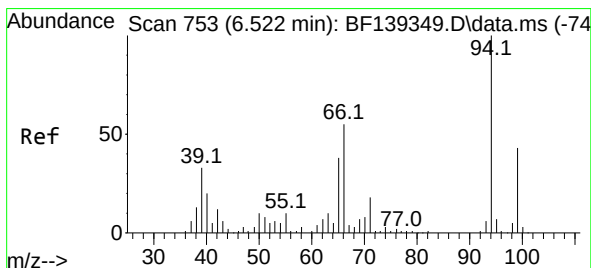
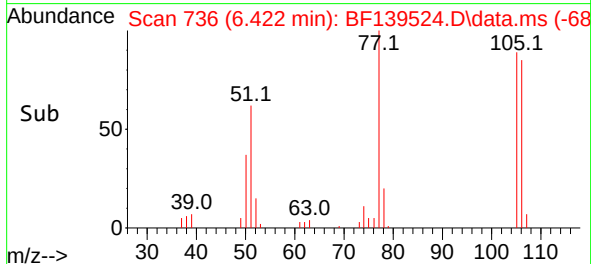
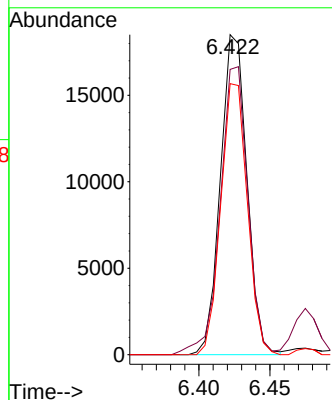
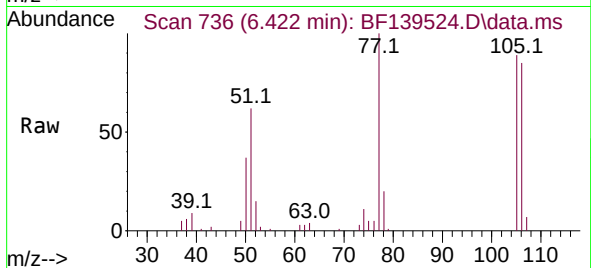
COMP-8MSD

Tgt Ion: 77 Resp: 2400
Ion Ratio Lower Upper
77 100
105 89.1 71.0 111.0
106 84.7 64.9 104.9

Manual Integrations

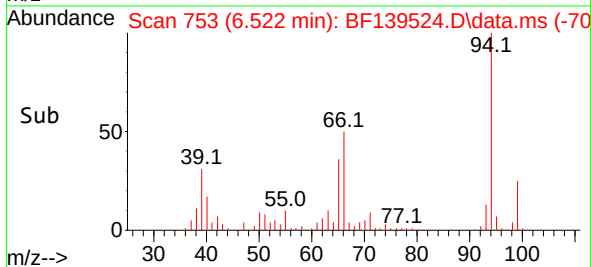
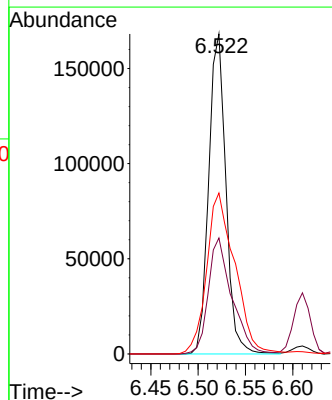
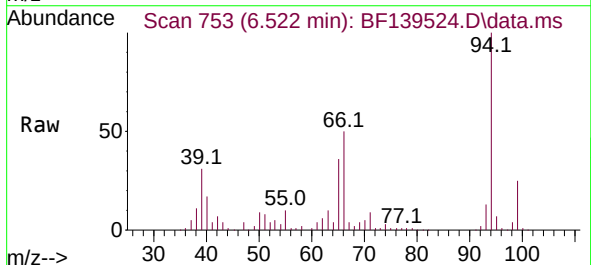
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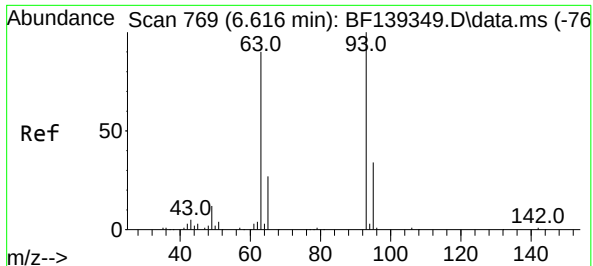
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#10
Phenol
Concen: 48.298 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Tgt Ion: 94 Resp: 211696
Ion Ratio Lower Upper
94 100
65 36.3 17.6 57.6
66 50.3 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 45.261 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

Tgt Ion: 93 Resp: 15078

Ion Ratio Lower Upper

93 100

63 85.6 65.3 105.3

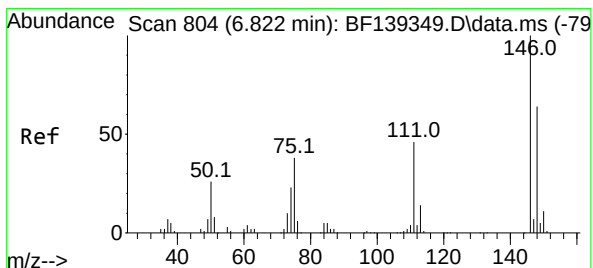
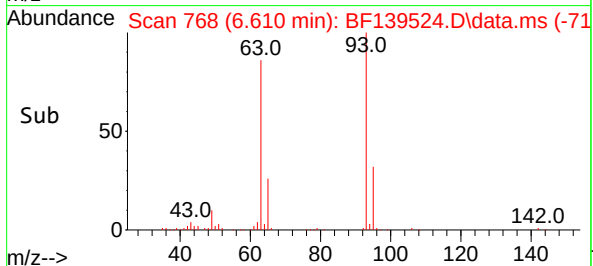
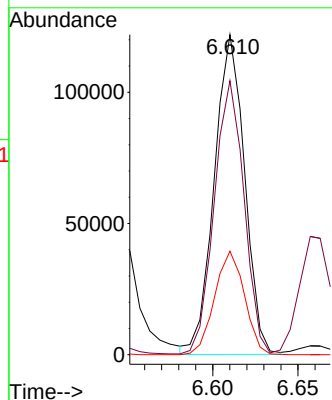
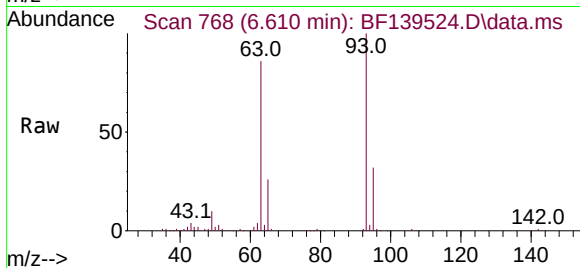
95 32.3 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#12

1,3-Dichlorobenzene

Concen: 42.822 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

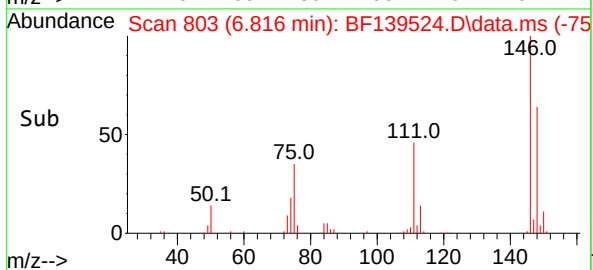
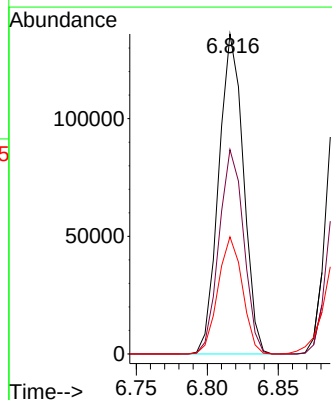
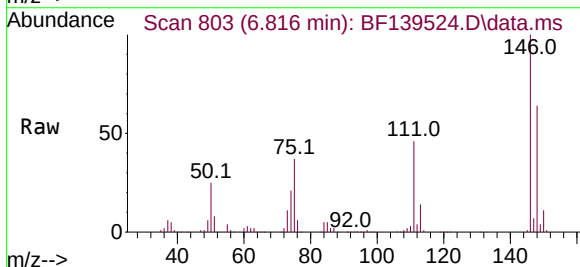
Tgt Ion:146 Resp: 164365

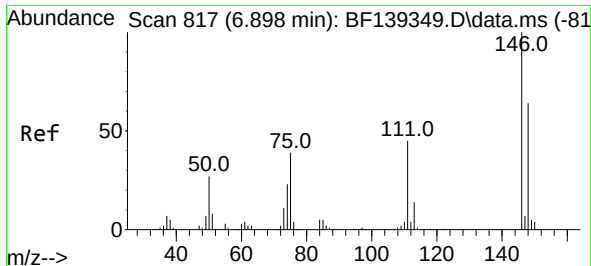
Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

75 36.6 30.6 46.0





#13
1,4-Dichlorobenzene
Concen: 43.741 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

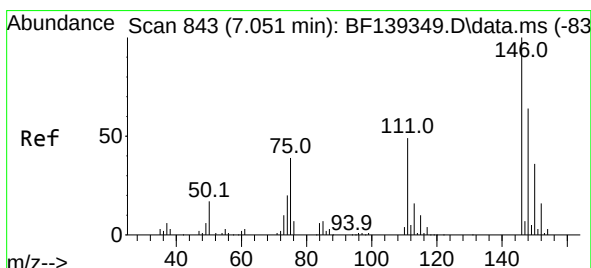
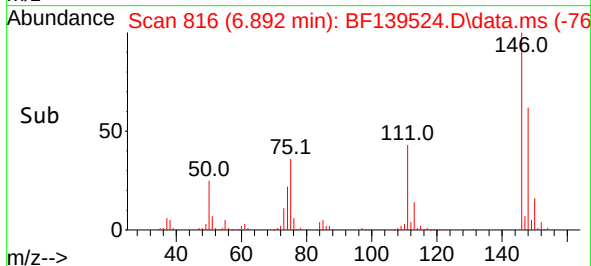
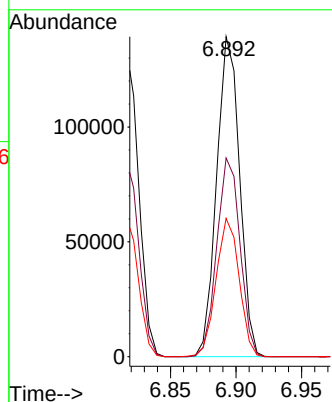
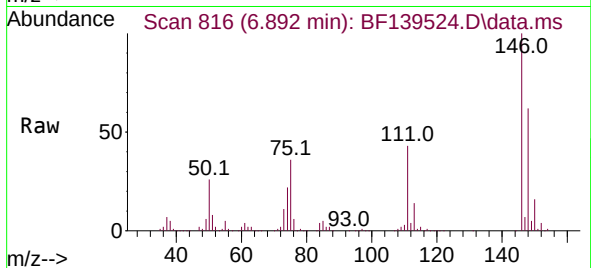
COMP-8MSD

Tgt Ion:146 Resp: 16966
Ion Ratio Lower Upper
146 100
148 62.1 50.9 76.3
111 43.2 36.3 54.5

Manual Integrations

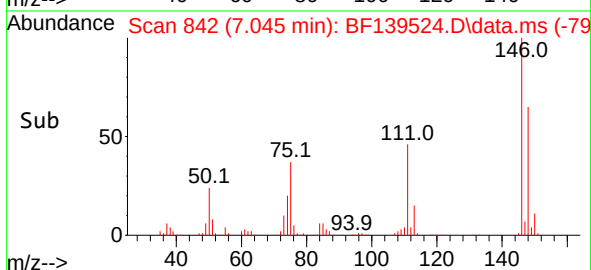
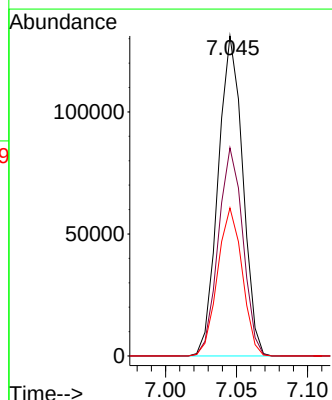
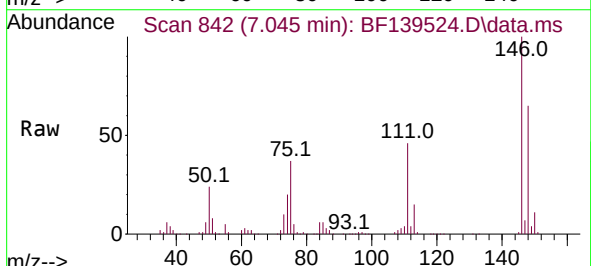
APPROVED

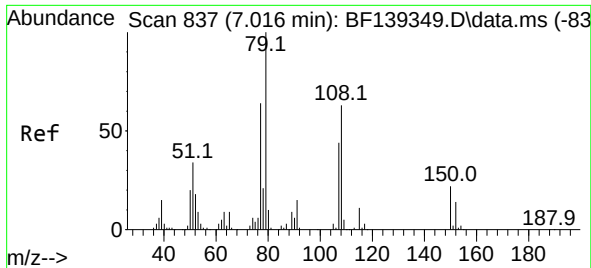
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#14
1,2-Dichlorobenzene
Concen: 43.139 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

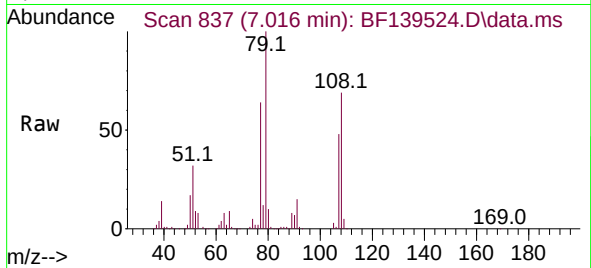
Tgt Ion:146 Resp: 158110
Ion Ratio Lower Upper
146 100
148 65.1 50.9 76.3
111 46.2 38.9 58.3





#15
Benzyl Alcohol
Concen: 42.545 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

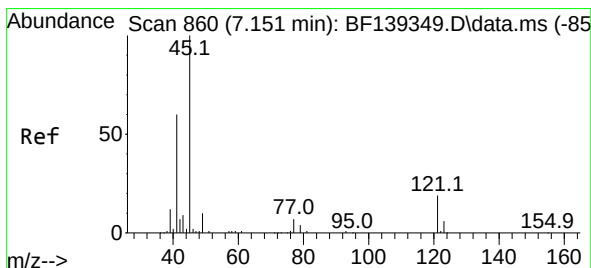
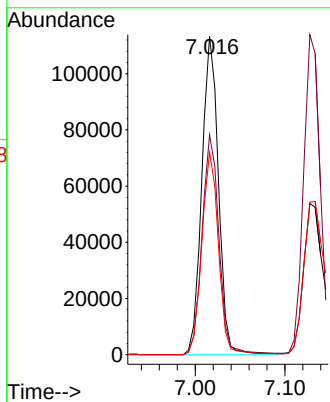
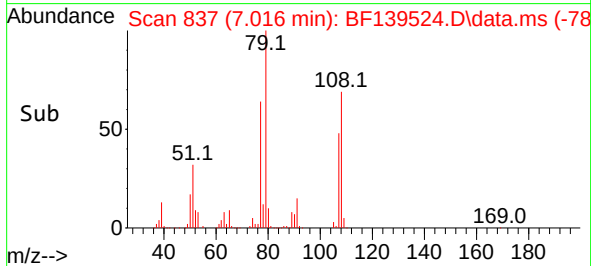
Instrument :
BNA_F
ClientSampleId :
COMP-8MSD



Tgt Ion: 79 Resp: 146079
Ion Ratio Lower Upper
79 100
108 69.0 50.4 75.6
77 63.6 51.4 77.2

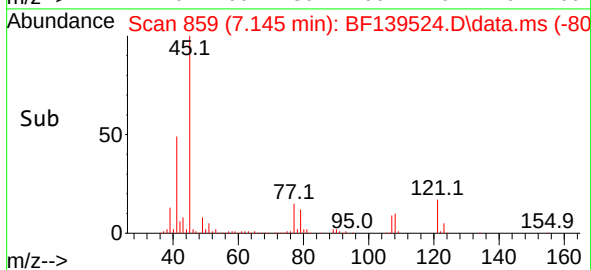
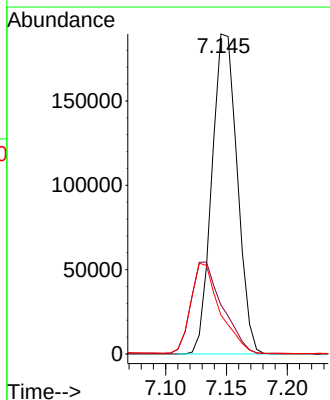
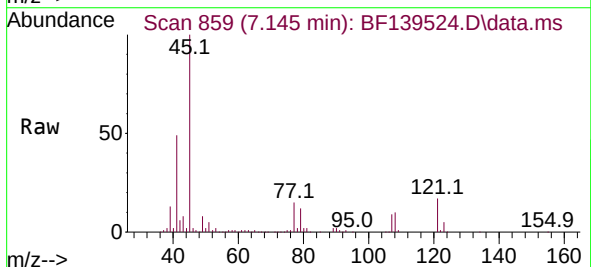
Manual Integrations
APPROVED

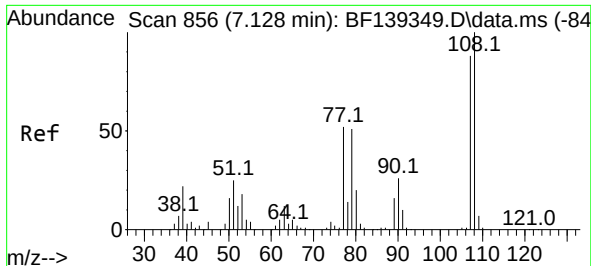
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.549 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Tgt Ion: 45 Resp: 274926
Ion Ratio Lower Upper
45 100
77 15.3 0.0 32.0
79 12.2 0.0 29.1





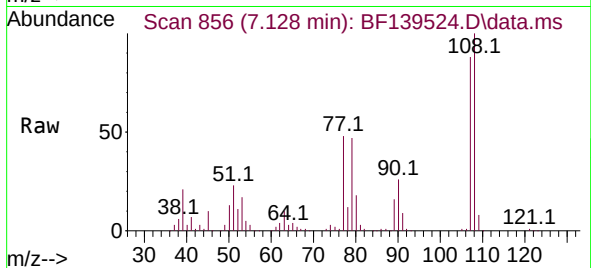
#17
2-Methylphenol
Concen: 47.740 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

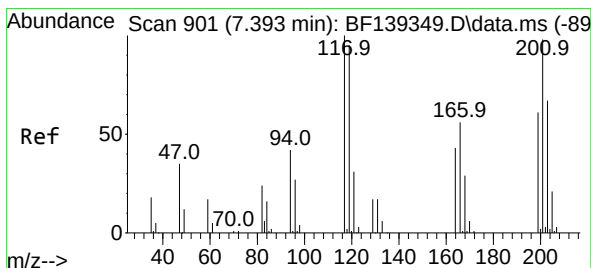
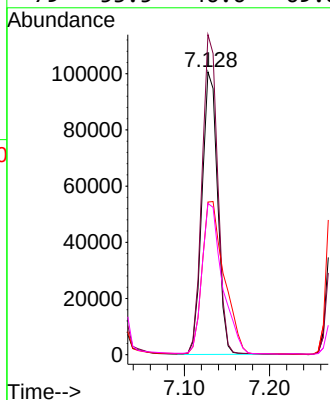
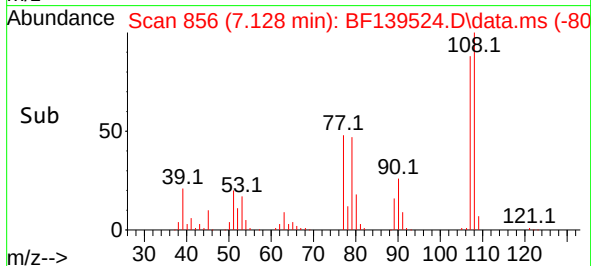


Tgt Ion:107 Resp: 128015
Ion Ratio Lower Upper
107 100
108 113.2 90.5 135.7
77 54.0 47.1 70.7
79 53.5 46.6 69.8

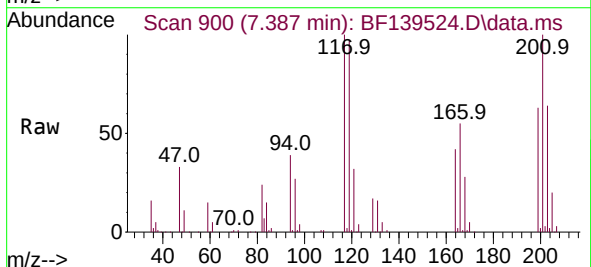
Manual Integrations

APPROVED

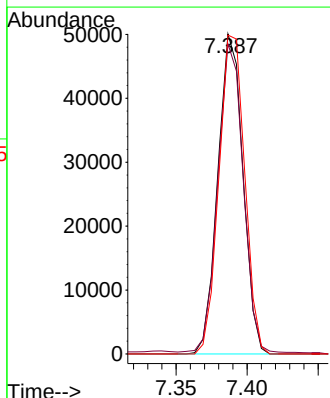
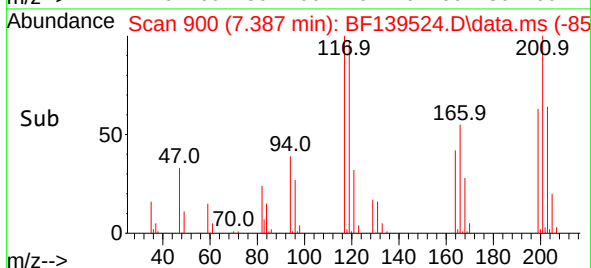
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

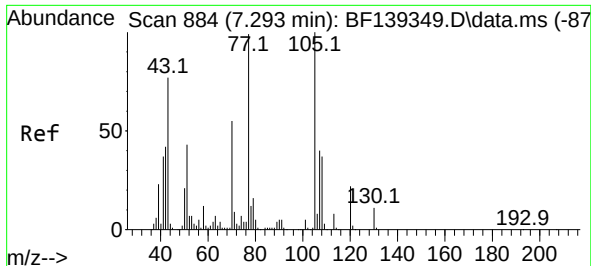


#18
Hexachloroethane
Concen: 41.678 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07



Tgt Ion:117 Resp: 61574
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8
201 99.6 78.6 118.0





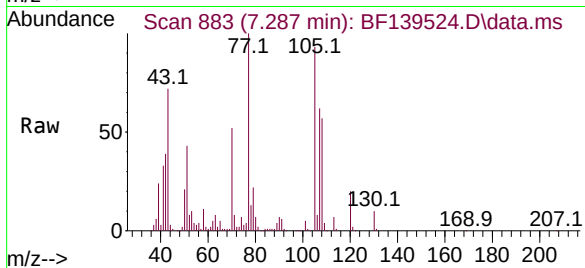
#19
n-Nitroso-di-n-propylamine
Concen: 46.606 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD



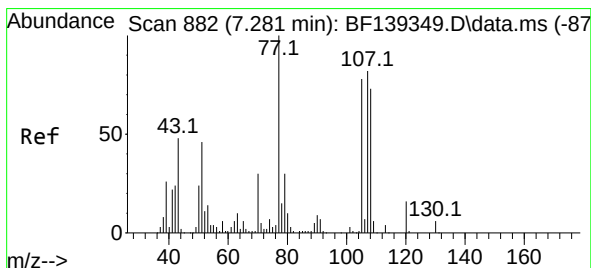
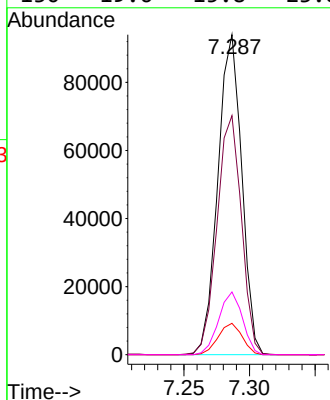
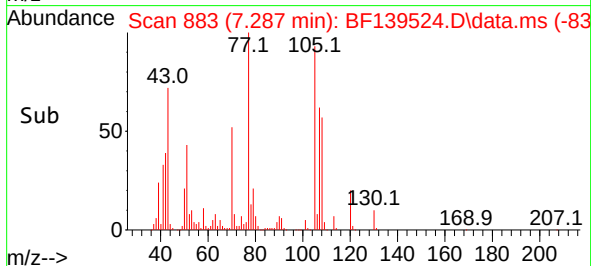
Tgt Ion: 70 Resp: 11885
Ion Ratio Lower Upper
70 100
42 74.7 61.2 91.8
101 9.8 7.5 11.3
130 19.6 15.8 23.8

Manual Integrations

APPROVED

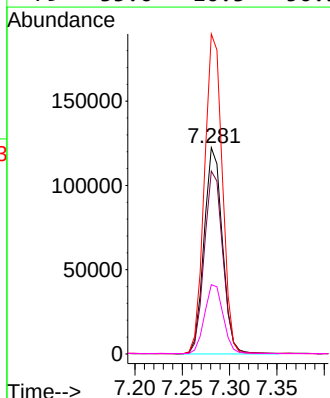
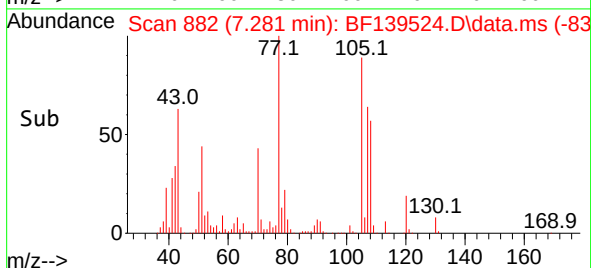
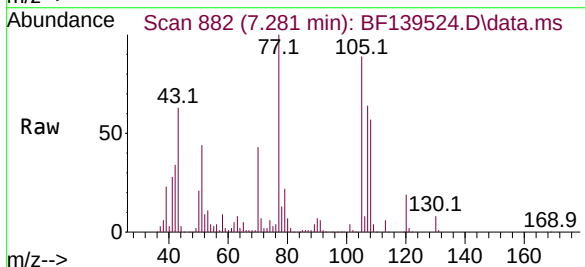
Reviewed By :Yogesh Patel 09/25/2024

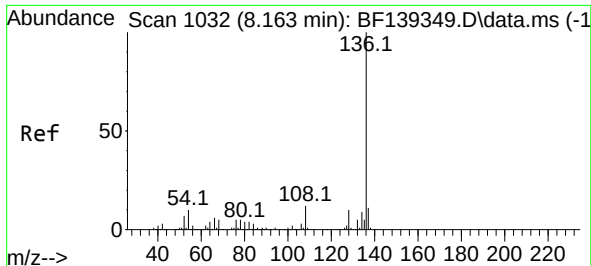
Supervised By :mohammad ahmed 09/25/2024



#20
3+4-Methylphenols
Concen: 45.052 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Tgt Ion:107 Resp: 164816
Ion Ratio Lower Upper
107 100
108 88.7 68.6 108.6
77 155.2 101.6 141.6#
79 33.6 16.3 56.3





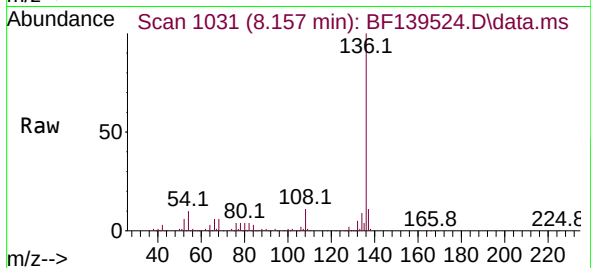
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD



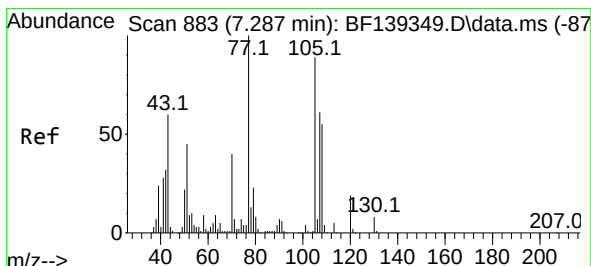
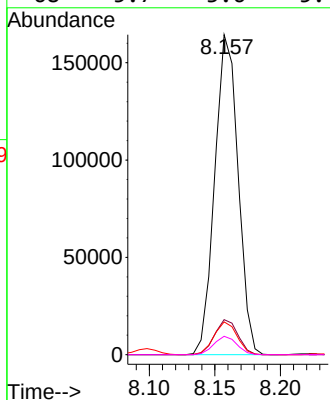
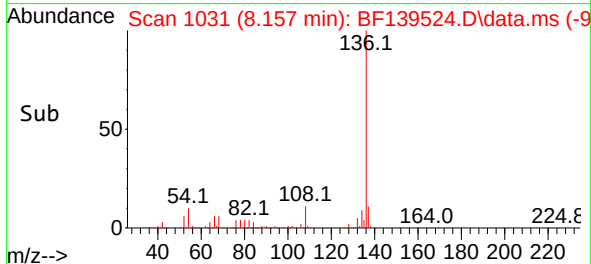
Tgt Ion:136 Resp: 203421
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.3 7.8 11.8
68 5.7 3.6 5.4#

Manual Integrations

APPROVED

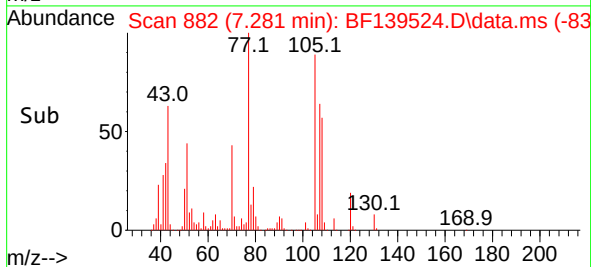
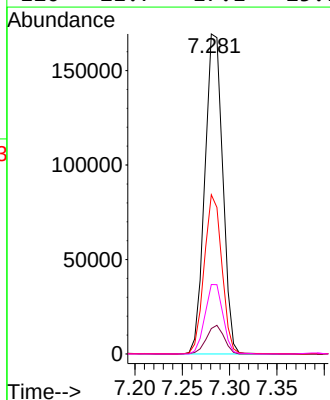
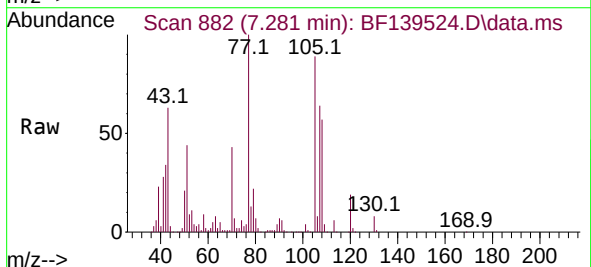
Reviewed By :Yogesh Patel 09/25/2024

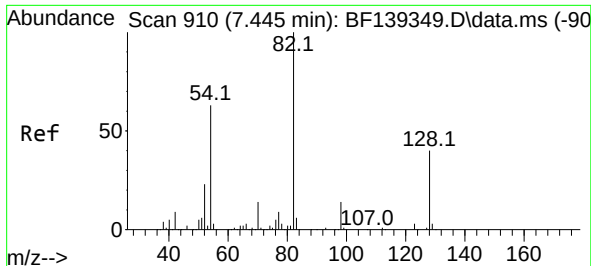
Supervised By :mohammad ahmed 09/25/2024



#22
Acetophenone
Concen: 41.834 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Tgt Ion:105 Resp: 222474
Ion Ratio Lower Upper
105 100
71 7.9 5.9 8.9
51 49.7 40.0 60.0
120 21.7 17.1 25.7





#23

Nitrobenzene-d5

Concen: 52.503 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

Tgt Ion: 82 Resp: 22718

Ion Ratio Lower Upper

82 100

128 41.0 31.8 47.6

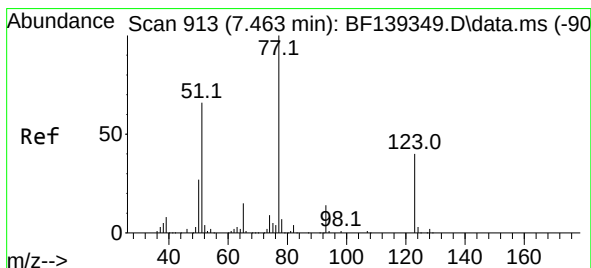
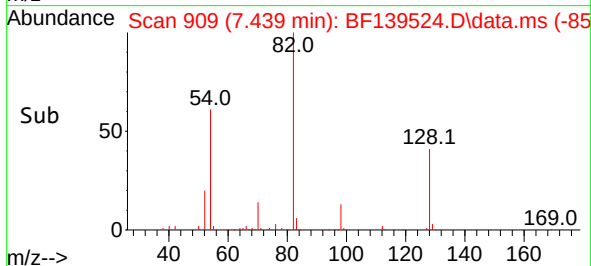
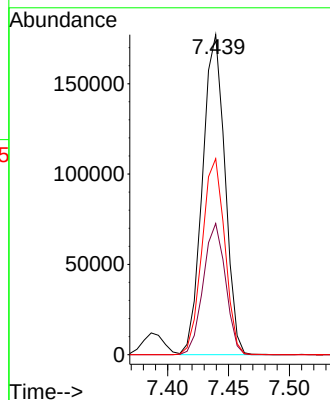
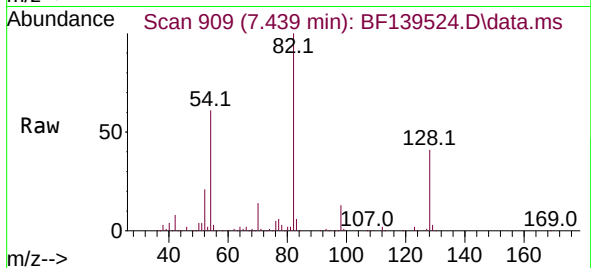
54 61.2 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#24

Nitrobenzene

Concen: 41.251 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

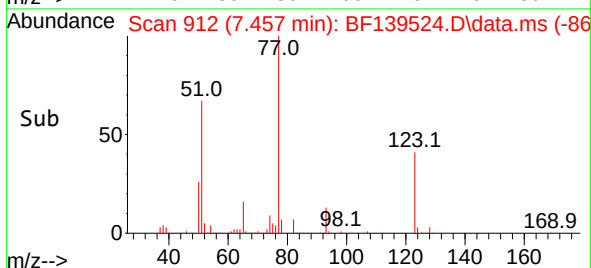
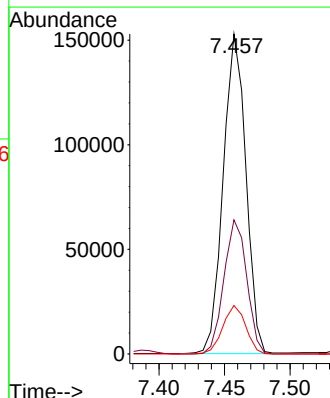
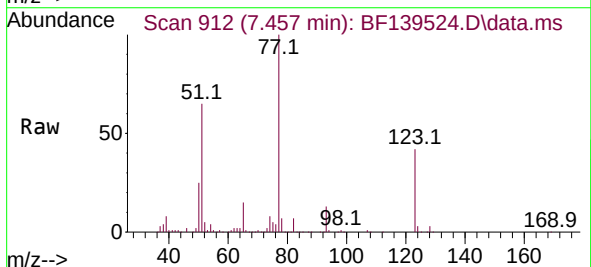
Tgt Ion: 77 Resp: 183711

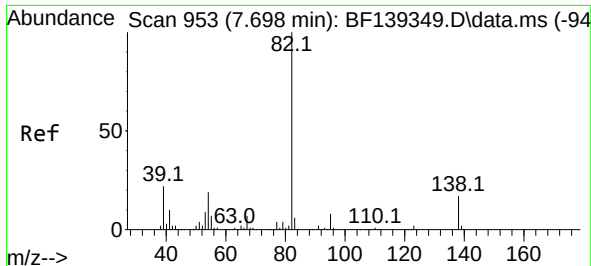
Ion Ratio Lower Upper

77 100

123 41.9 32.2 48.4

65 15.2 12.2 18.4





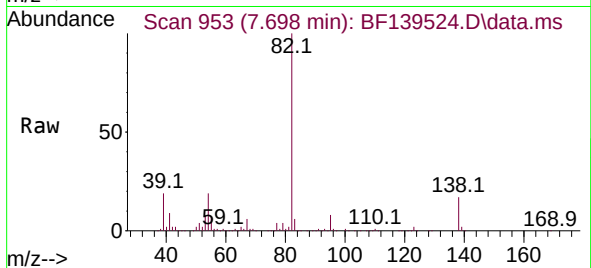
#25
Isophorone
Concen: 47.104 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

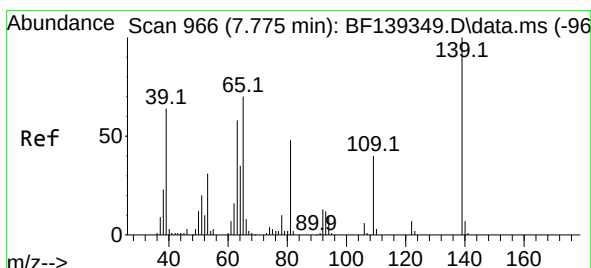
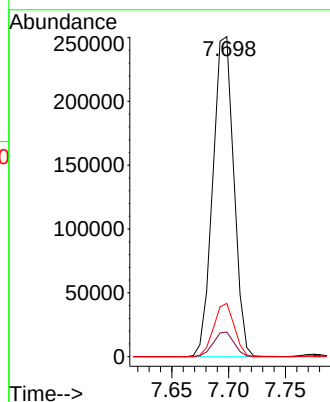
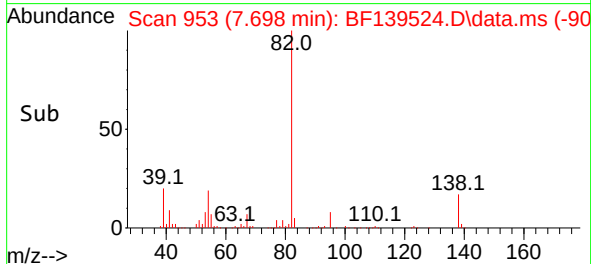


Tgt Ion: 82 Resp: 32234
Ion Ratio Lower Upper
82 100
95 7.7 6.7 10.1
138 16.6 13.3 19.9

Manual Integrations

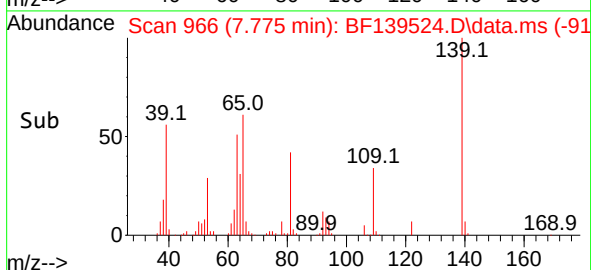
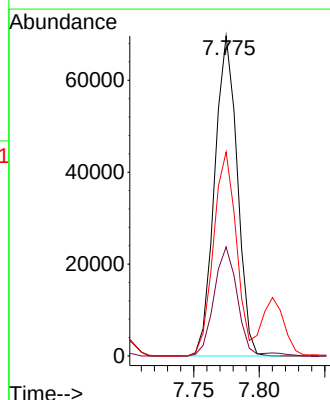
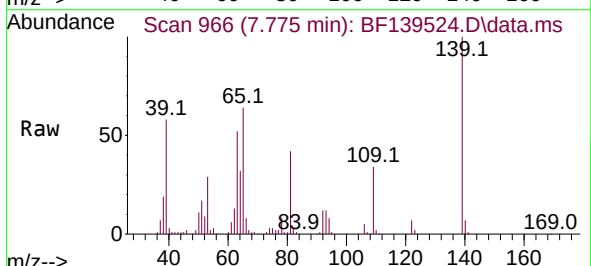
APPROVED

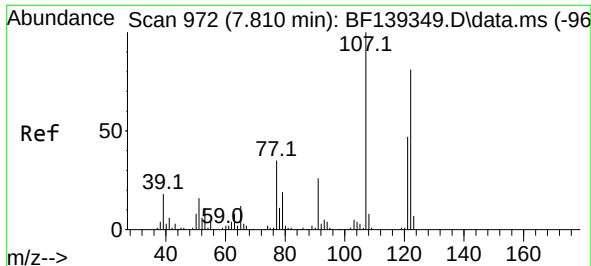
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#26
2-Nitrophenol
Concen: 48.207 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Tgt Ion:139 Resp: 83641
Ion Ratio Lower Upper
139 100
109 34.0 32.2 48.2
65 63.8 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 56.769 ng m

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

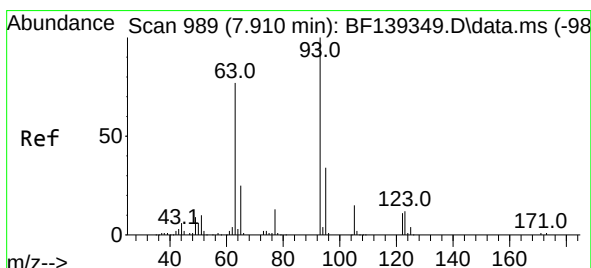
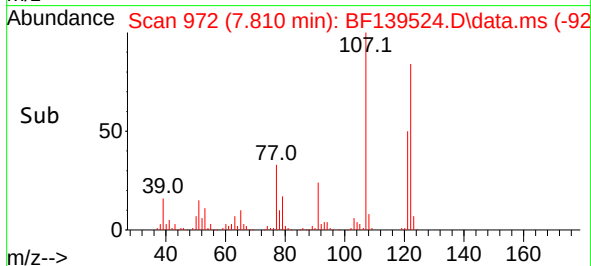
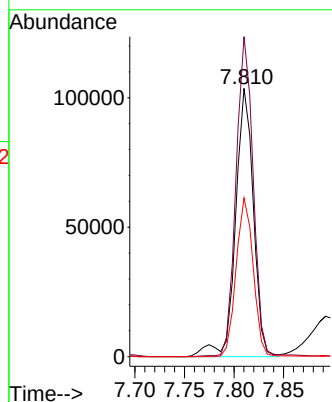
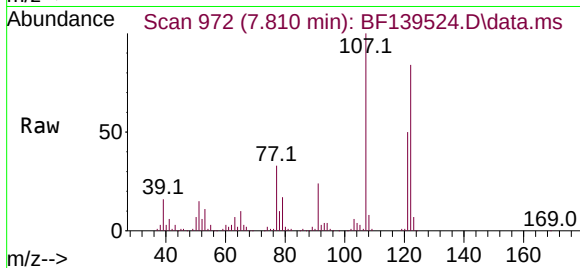
Tgt Ion:	122	Resp:	129920
Ion Ratio	Lower	Upper	
122	100		
107	119.3	99.1	148.7
121	59.1	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#28

bis(2-Chloroethoxy)methane

Concen: 46.993 ng

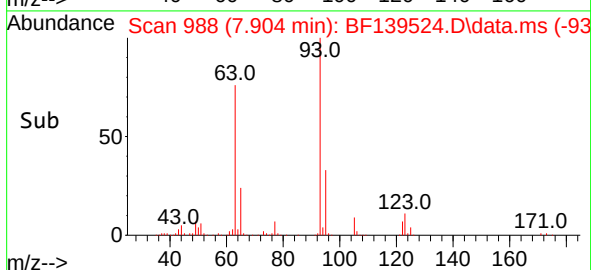
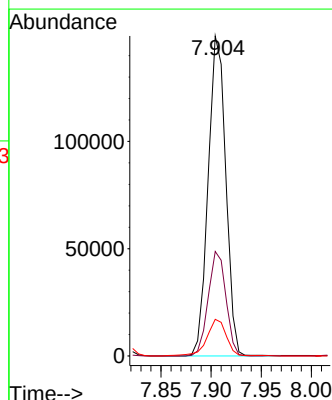
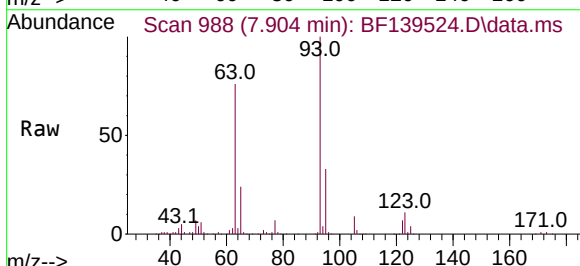
RT: 7.904 min Scan# 988

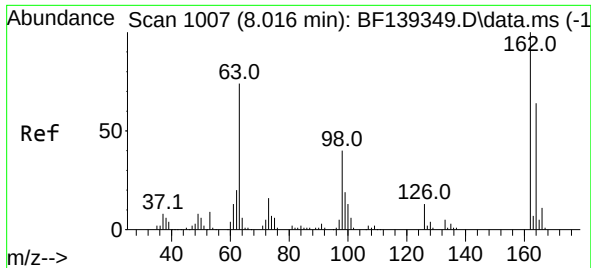
Delta R.T. -0.006 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

Tgt Ion:	93	Resp:	183279
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.9	40.3
123	11.5	10.0	15.0





#29

2,4-Dichlorophenol

Concen: 46.141 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

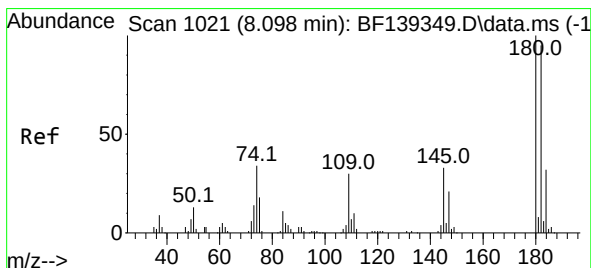
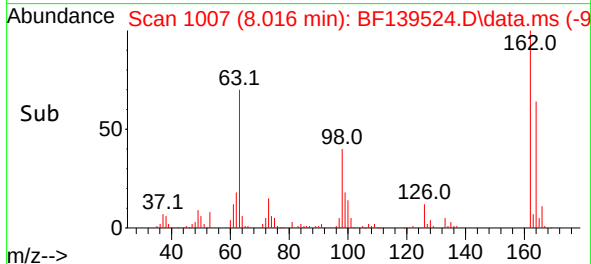
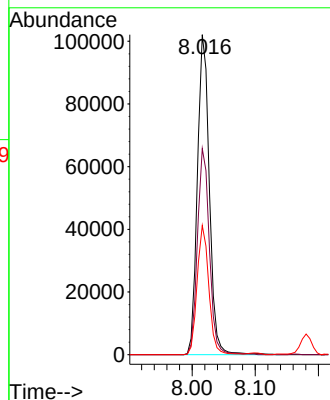
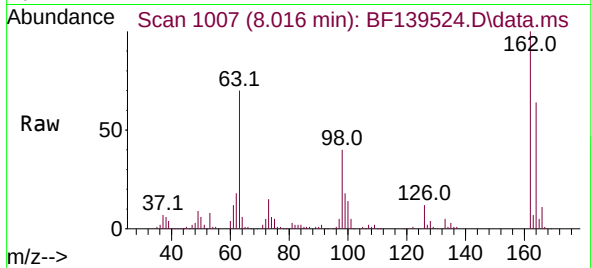
Tgt Ion:	162	Resp:	134150
Ion Ratio	Lower	Upper	
162	100		
164	64.4	43.6	83.6
98	40.3	19.7	59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.989 ng

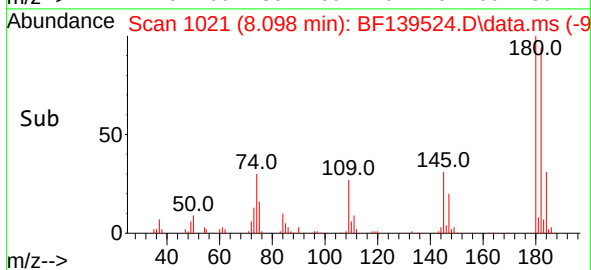
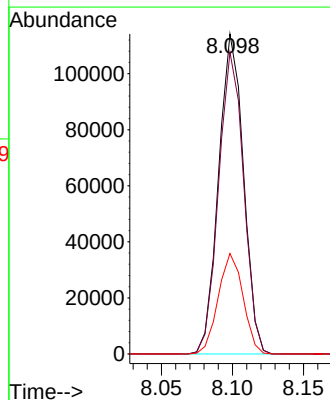
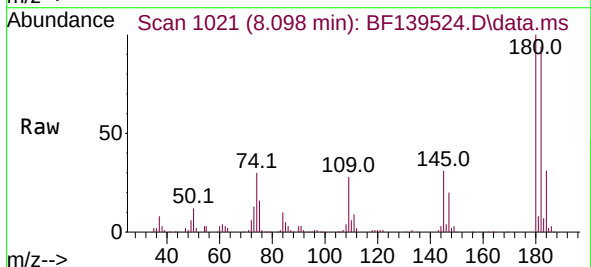
RT: 8.098 min Scan# 1021

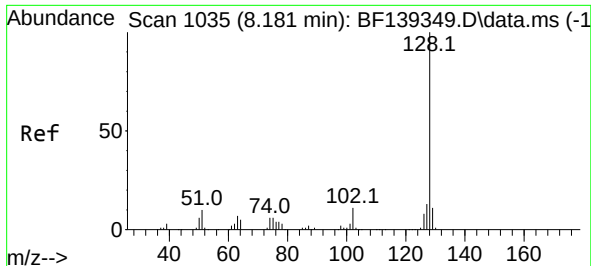
Delta R.T. -0.000 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

Tgt Ion:	180	Resp:	138858
Ion Ratio	Lower	Upper	
180	100		
182	94.3	75.7	113.5
145	31.4	26.5	39.7





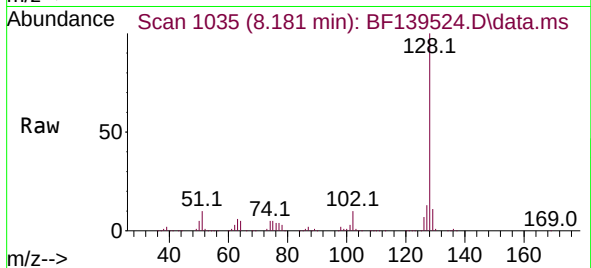
#31
Naphthalene
Concen: 44.560 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

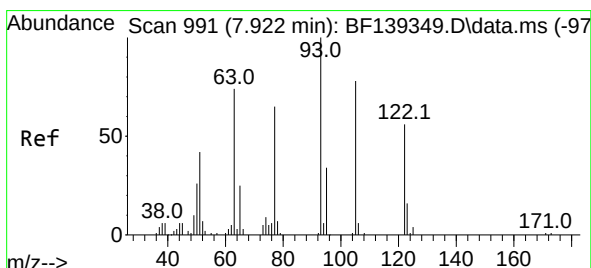
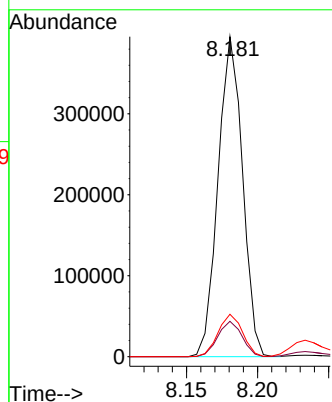
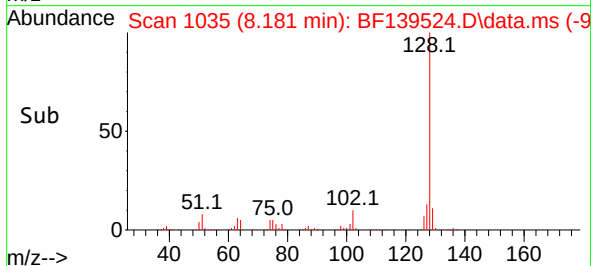


Tgt Ion:128 Resp: 473219
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.6 16.0

Manual Integrations

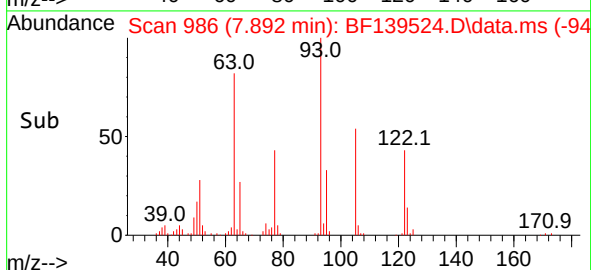
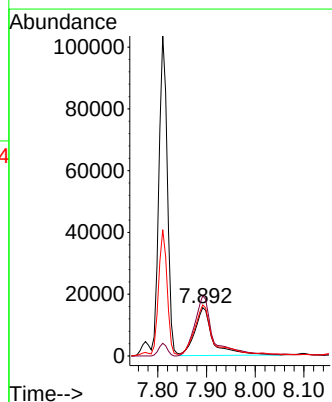
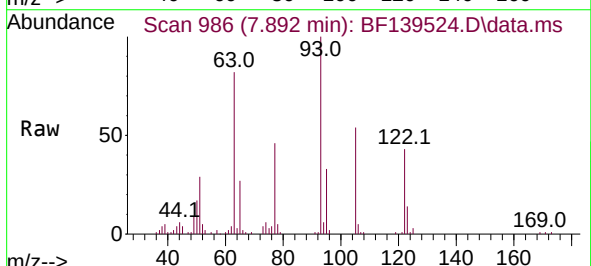
APPROVED

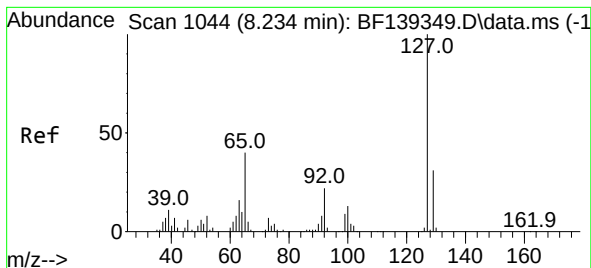
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#32
Benzoic acid
Concen: 18.777 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.030 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Tgt Ion:122 Resp: 40217
Ion Ratio Lower Upper
122 100
105 124.6 117.1 157.1
77 105.9 95.4 135.4





#33
4-Chloroaniline
Concen: 13.122 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

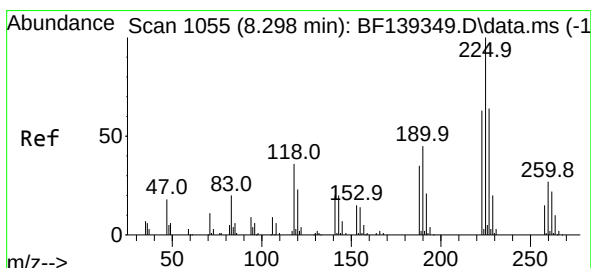
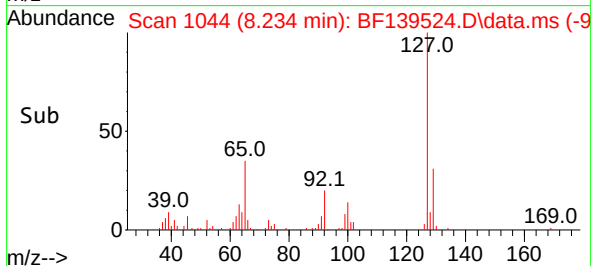
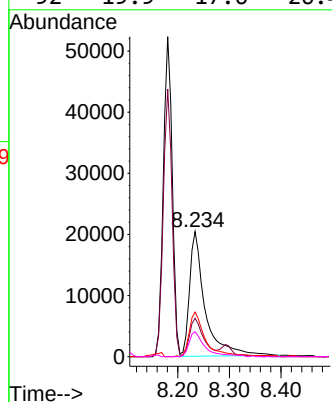
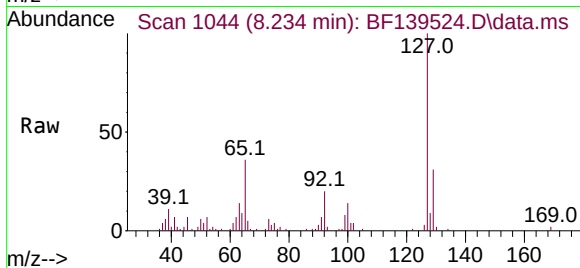
COMP-8MSD

Tgt Ion:127 Resp: 4263
Ion Ratio Lower Upper
127 100
129 30.8 25.5 38.3
65 35.6 31.5 47.3
92 19.9 17.6 26.4

Manual Integrations

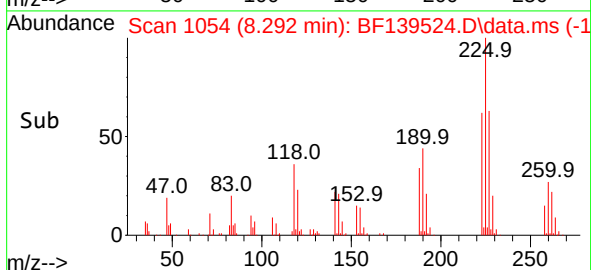
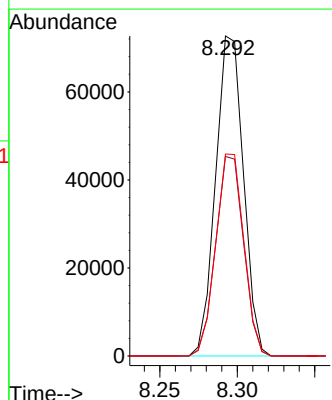
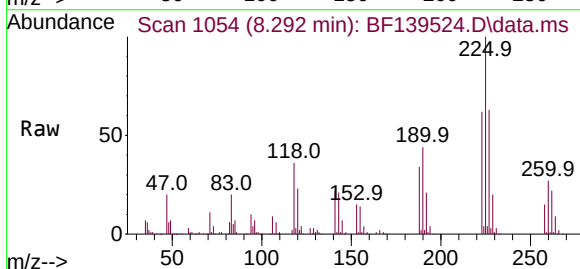
APPROVED

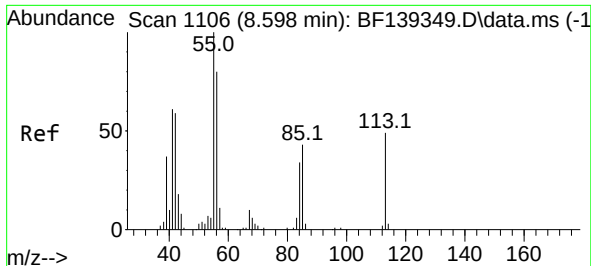
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#34
Hexachlorobutadiene
Concen: 39.515 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

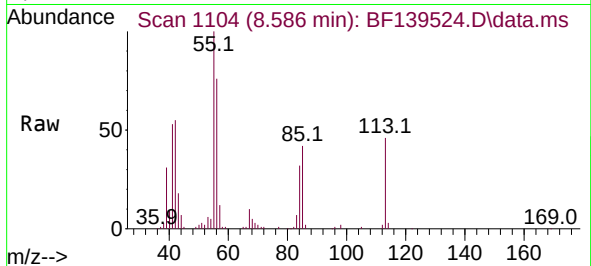
Tgt Ion:225 Resp: 90946
Ion Ratio Lower Upper
225 100
223 62.3 50.1 75.1
227 63.1 51.0 76.6





#35
Caprolactam
Concen: 47.853 ng m
RT: 8.586 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

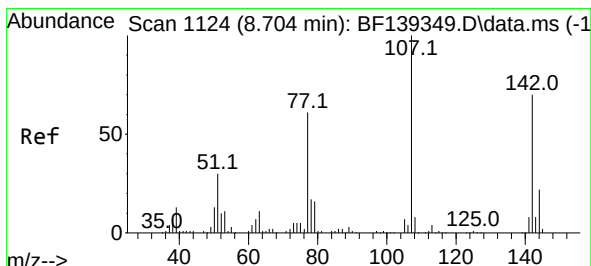
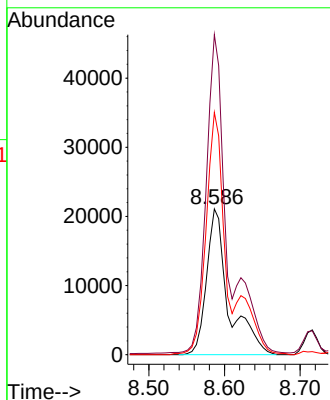
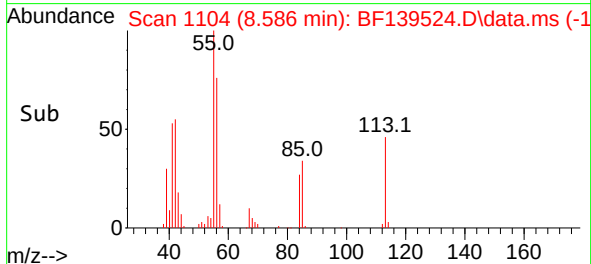
Instrument :
BNA_F
ClientSampleId :
COMP-8MSD



Tgt Ion:113 Resp: 42799
Ion Ratio Lower Upper
113 100
55 219.4 186.1 226.1
56 166.1 144.9 184.9

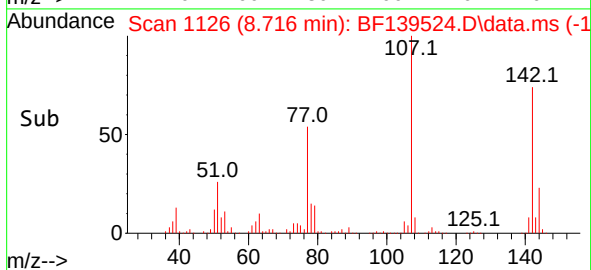
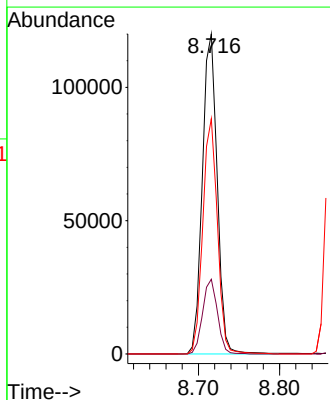
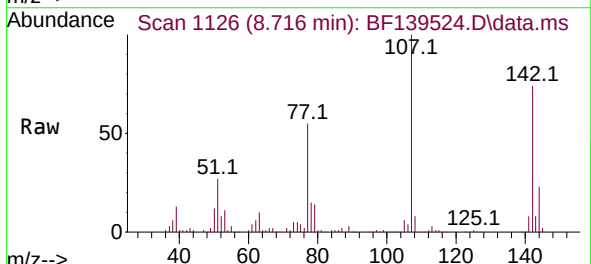
Manual Integrations
APPROVED

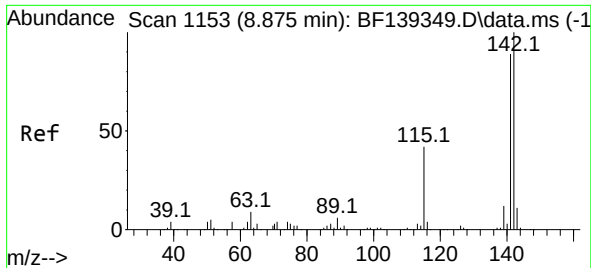
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#36
4-Chloro-3-methylphenol
Concen: 45.808 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Tgt Ion:107 Resp: 152212
Ion Ratio Lower Upper
107 100
144 23.4 17.5 26.3
142 73.5 55.8 83.8





#37

2-Methylnaphthalene

Concen: 47.090 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

Tgt Ion:142 Resp: 31742

Ion Ratio Lower Upper

142 100

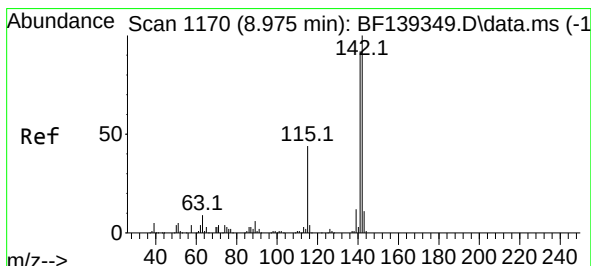
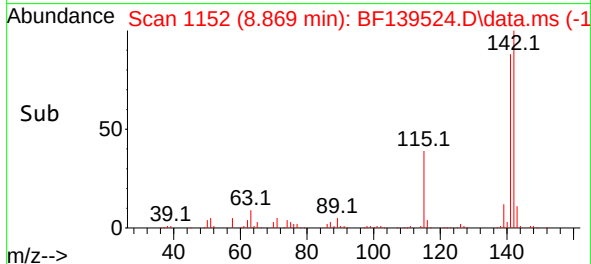
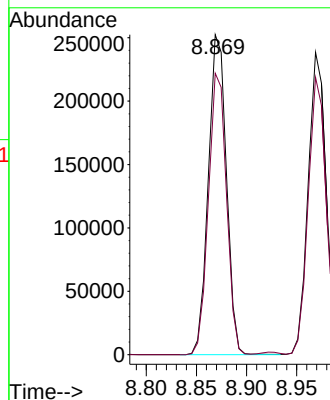
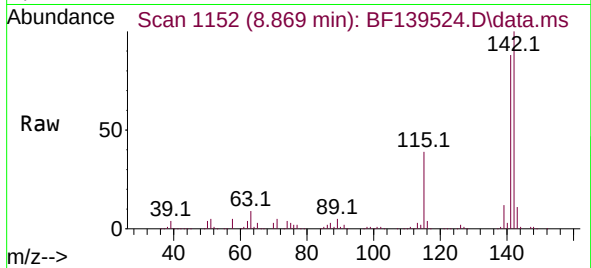
141 87.9 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#38

1-Methylnaphthalene

Concen: 44.188 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139524.D

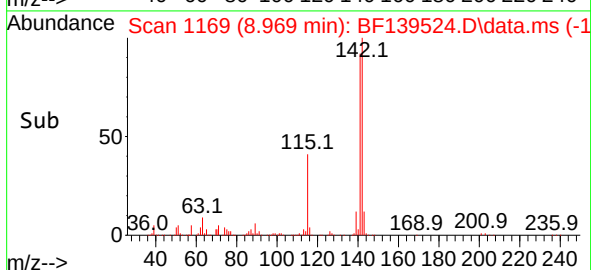
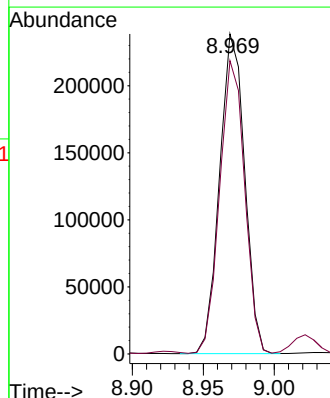
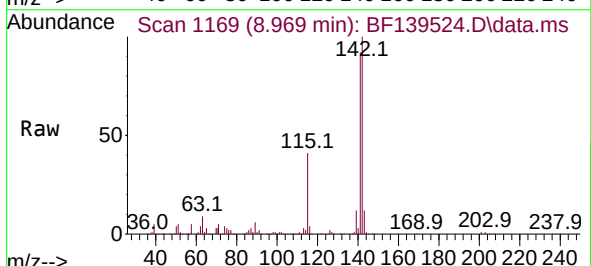
Acq: 24 Sep 2024 17:07

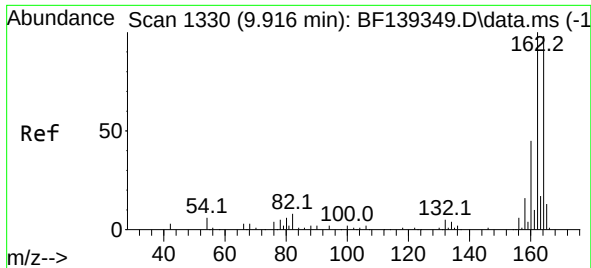
Tgt Ion:142 Resp: 292429

Ion Ratio Lower Upper

142 100

141 91.7 73.2 109.8





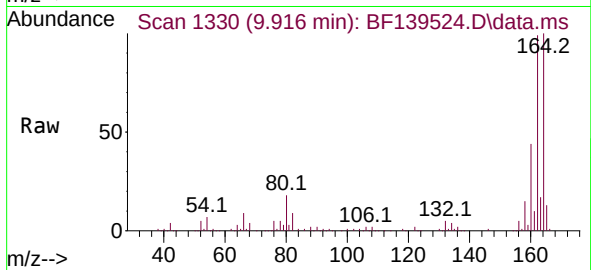
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD



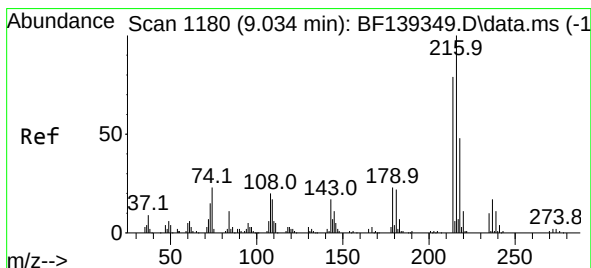
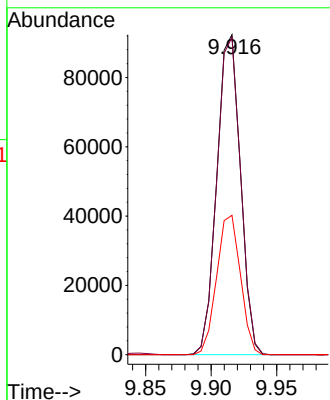
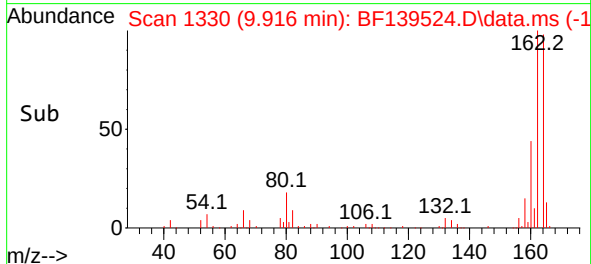
Tgt Ion:164 Resp: 11551
Ion Ratio Lower Upper
164 100
162 99.2 81.3 121.9
160 43.5 36.4 54.6

Manual Integrations

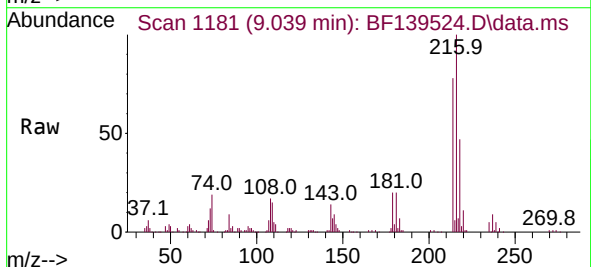
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

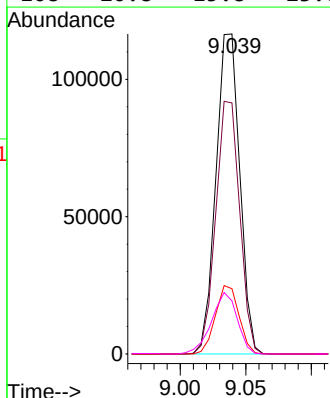
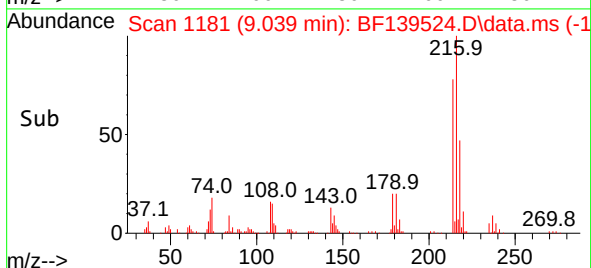
Supervised By :mohammad ahmed 09/25/2024

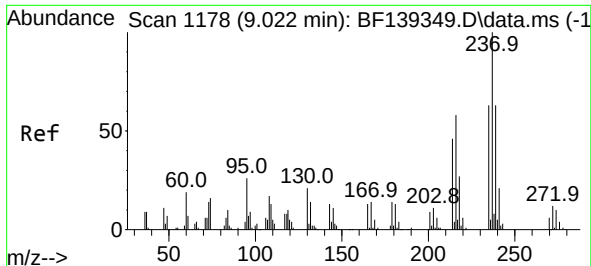


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.012 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07



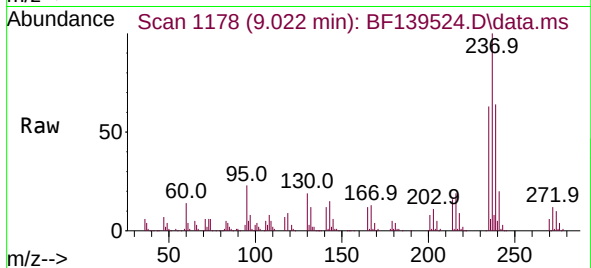
Tgt Ion:216 Resp: 147246
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.0
179 21.0 18.2 27.2
108 20.8 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 115.878 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

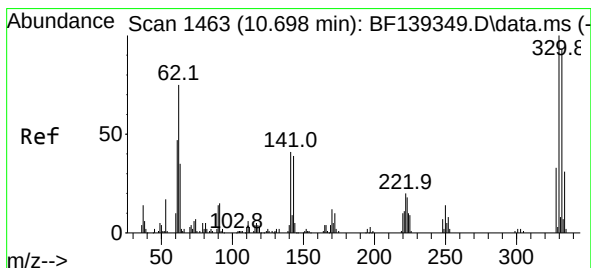
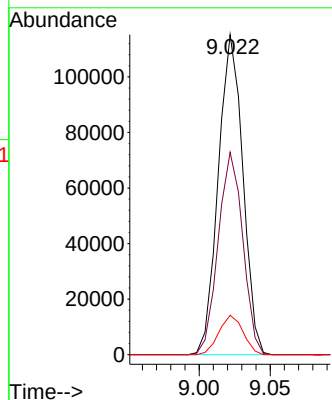
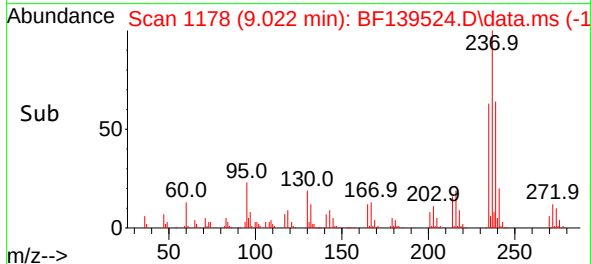
Instrument :
BNA_F
ClientSampleId :
COMP-8MSD



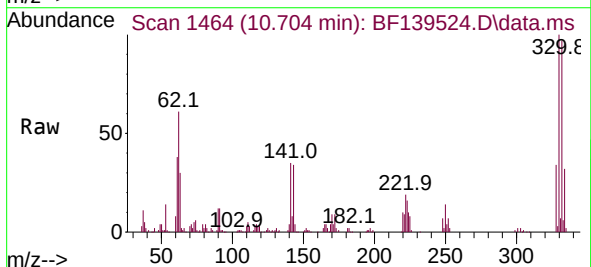
Tgt Ion: 237 Resp: 138509
Ion Ratio Lower Upper
237 100
235 63.2 42.7 82.7
272 12.3 0.0 32.5

Manual Integrations
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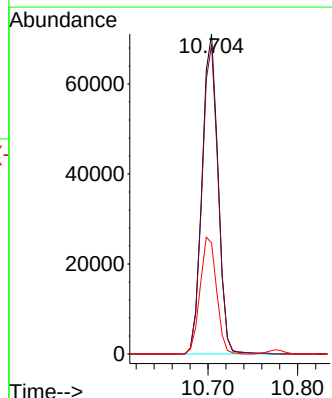
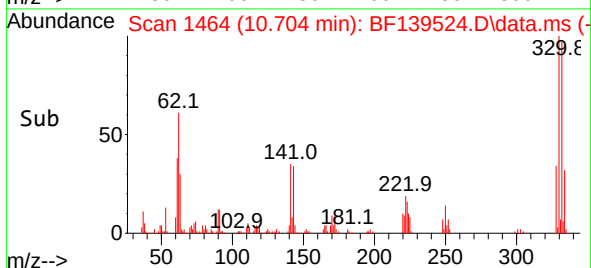
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

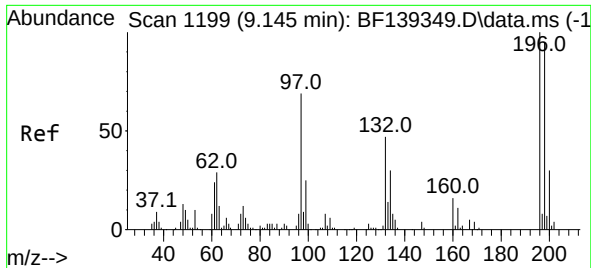


#42
2,4,6-Tribromophenol
Concen: 71.332 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07



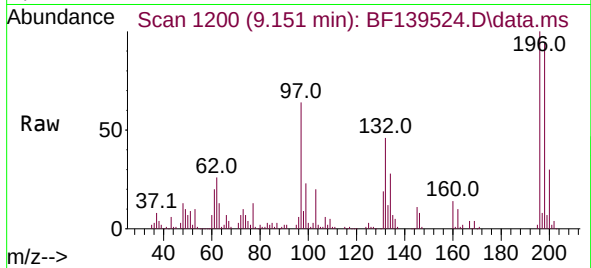
Tgt Ion: 330 Resp: 87721
Ion Ratio Lower Upper
330 100
332 97.0 75.2 112.8
141 37.6 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 45.310 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

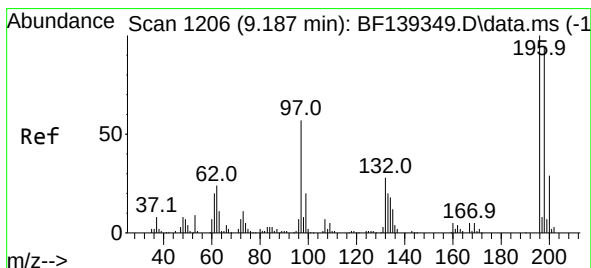
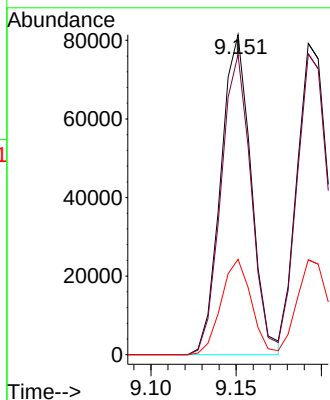
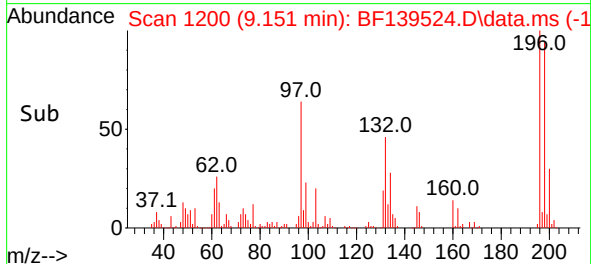
Instrument :
BNA_F
ClientSampleId :
COMP-8MSD



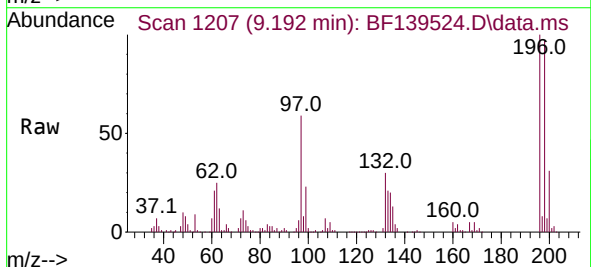
Tgt Ion:196 Resp: 100910
Ion Ratio Lower Upper
196 100
198 93.8 75.8 113.6
200 29.8 24.1 36.1

Manual Integrations
APPROVED

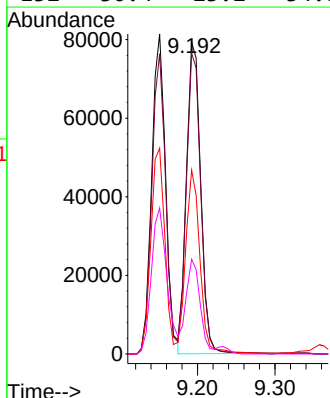
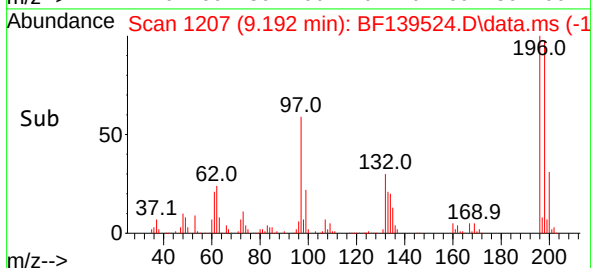
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

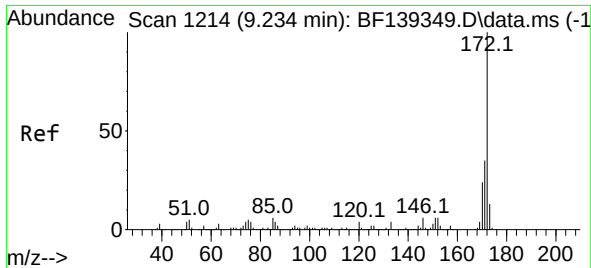


#44
2,4,5-Trichlorophenol
Concen: 43.253 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07



Tgt Ion:196 Resp: 101617
Ion Ratio Lower Upper
196 100
198 96.6 74.8 112.2
97 59.1 47.3 70.9
132 30.4 23.2 34.8





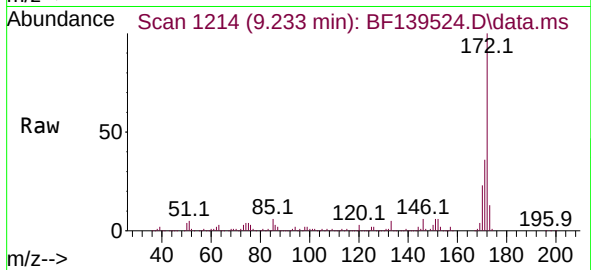
#45
2-Fluorobiphenyl
Concen: 52.114 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD



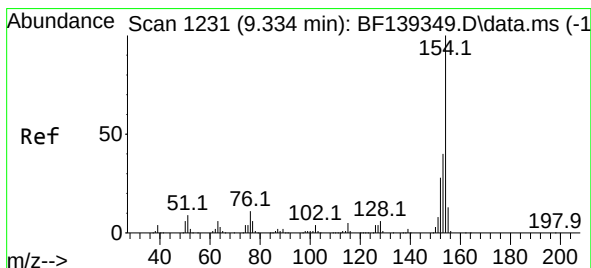
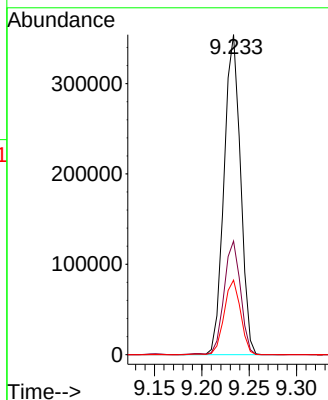
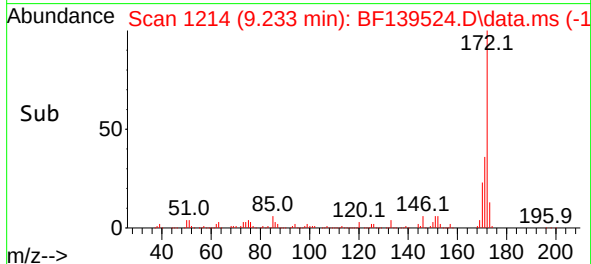
Tgt Ion:172 Resp: 429211
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.3 19.0 28.6

Manual Integrations

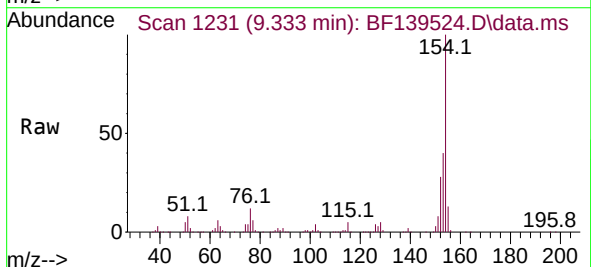
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

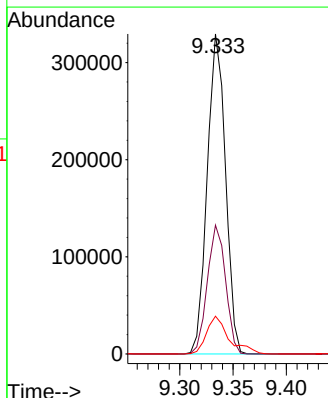
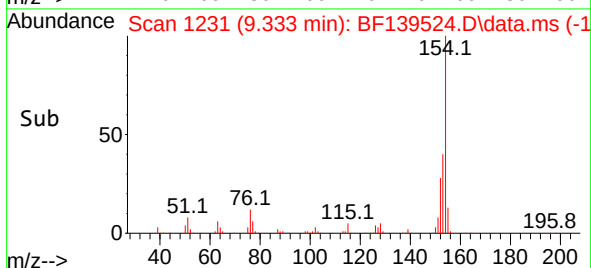
Supervised By :mohammad ahmed 09/25/2024

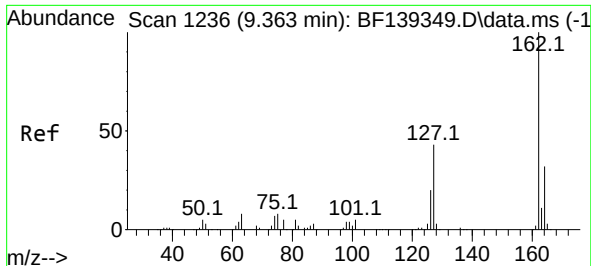


#46
1,1'-Biphenyl
Concen: 44.188 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07



Tgt Ion:154 Resp: 392679
Ion Ratio Lower Upper
154 100
153 40.2 20.1 60.1
76 11.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 43.534 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

Tgt Ion:162 Resp: 28926

Ion Ratio Lower Upper

162 100

127 44.1 35.0 52.4

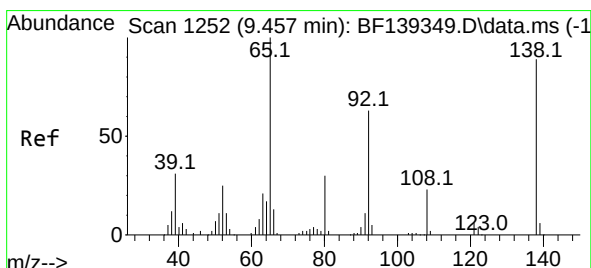
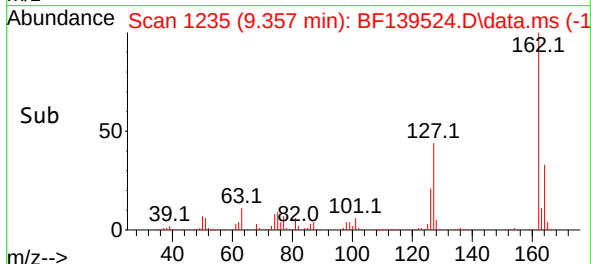
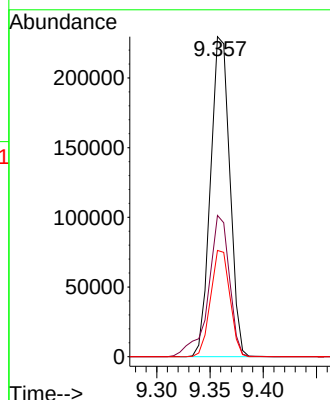
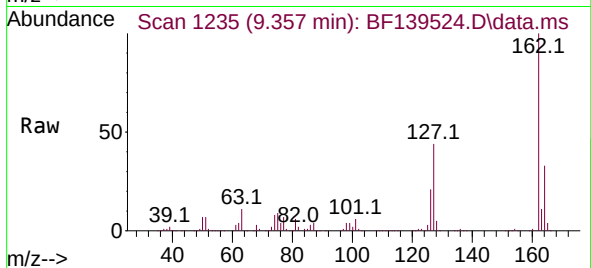
164 33.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#48

2-Nitroaniline

Concen: 46.960 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

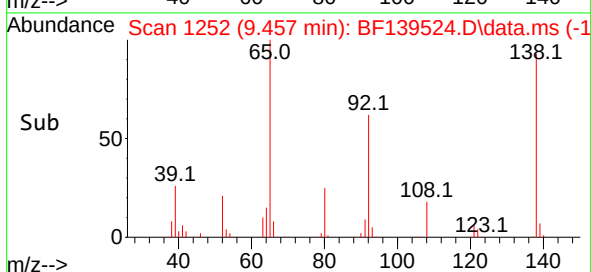
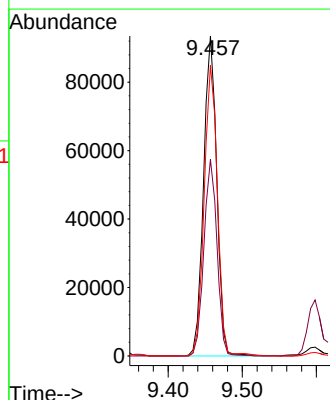
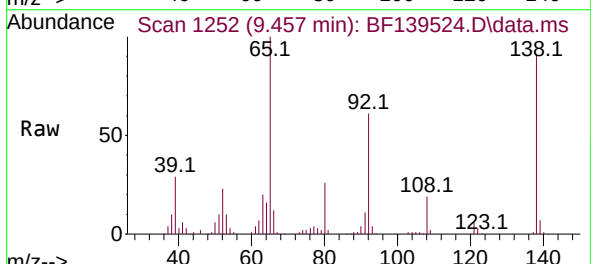
Tgt Ion: 65 Resp: 116057

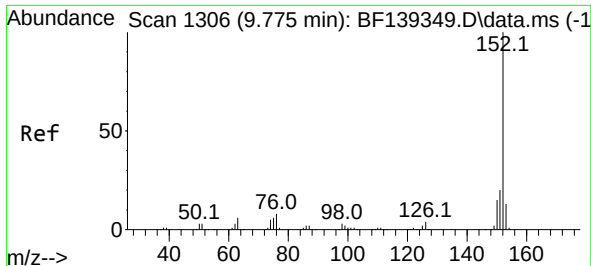
Ion Ratio Lower Upper

65 100

92 61.4 50.3 75.5

138 90.8 71.3 106.9





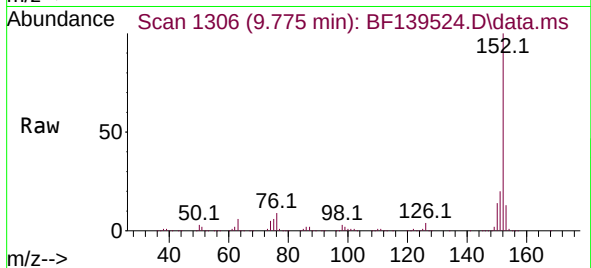
#49
Acenaphthylene
Concen: 48.936 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD



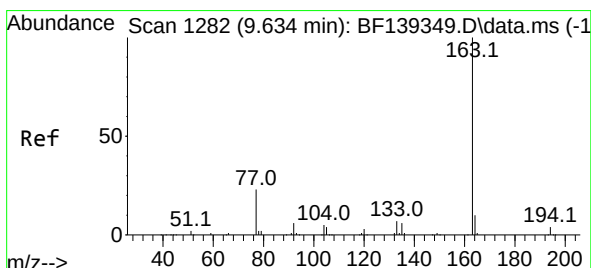
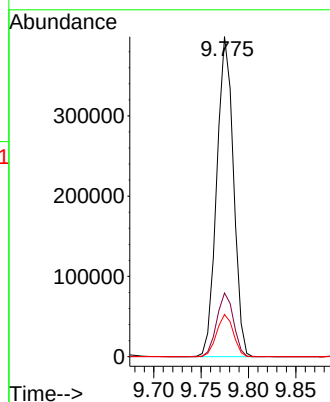
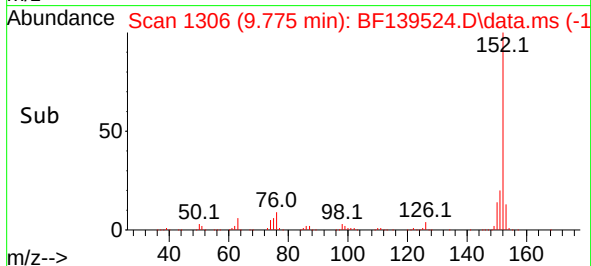
Tgt Ion:152 Resp: 489449
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.2 10.3 15.5

Manual Integrations

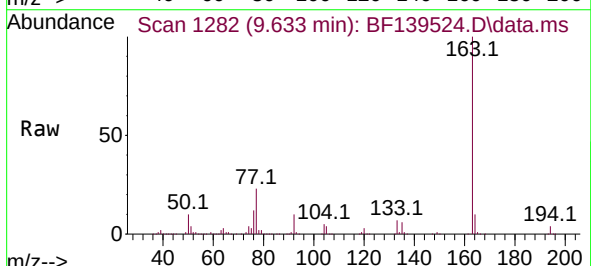
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

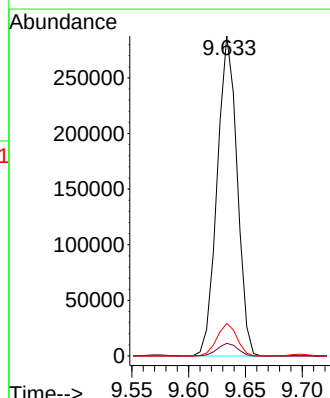
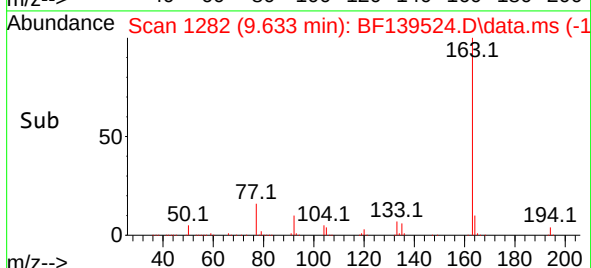
Supervised By :mohammad ahmed 09/25/2024

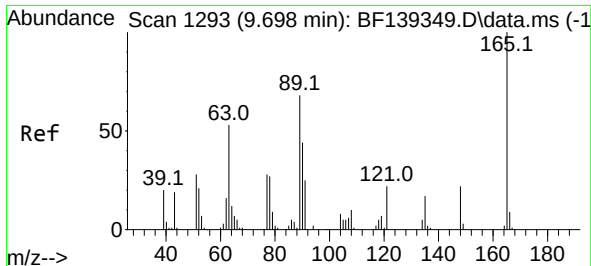


#50
Dimethylphthalate
Concen: 46.374 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07



Tgt Ion:163 Resp: 351581
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.2





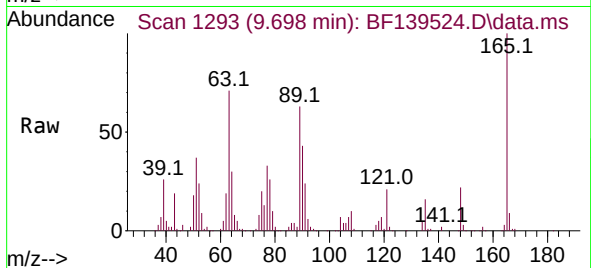
#51
2,6-Dinitrotoluene
Concen: 45.729 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

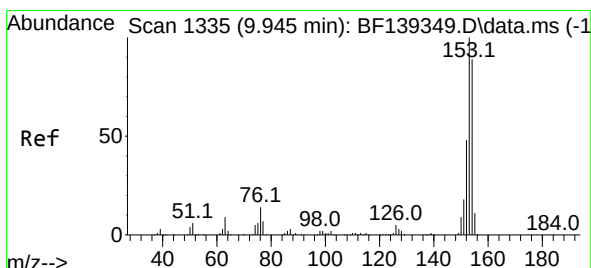
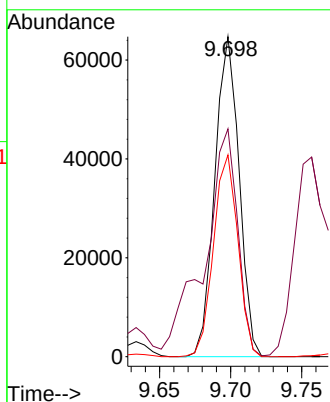
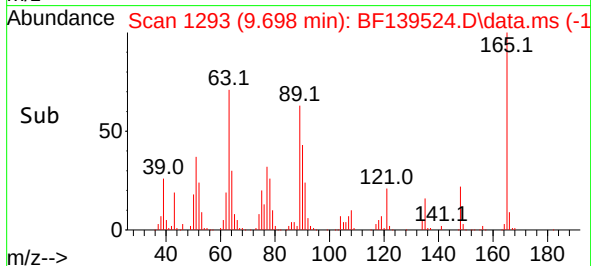


Tgt Ion:165 Resp: 7680
Ion Ratio Lower Upper
165 100
63 71.2 60.9 91.3
89 63.0 54.7 82.1

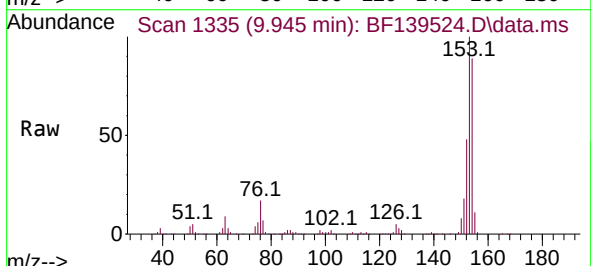
Manual Integrations

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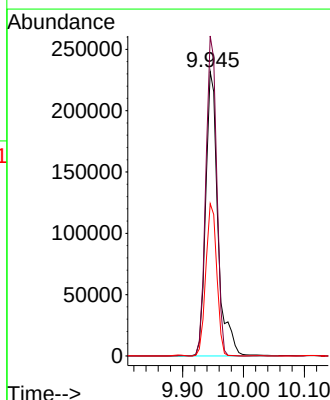
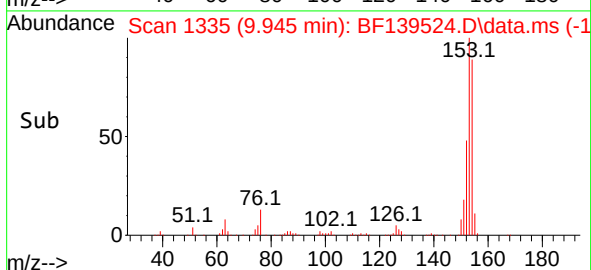
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

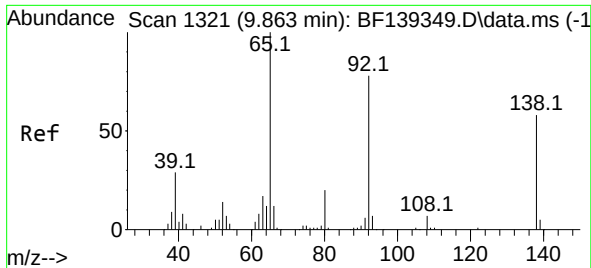


#52
Acenaphthene
Concen: 46.612 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07



Tgt Ion:154 Resp: 325382
Ion Ratio Lower Upper
154 100
153 112.6 89.5 134.3
152 53.6 42.6 64.0





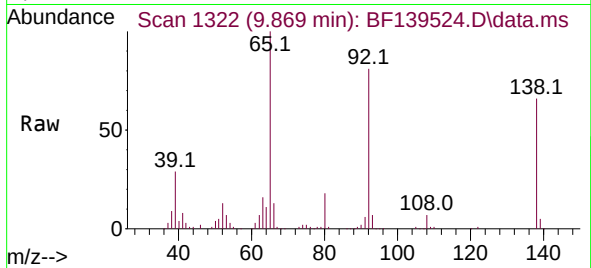
#53
3-Nitroaniline
Concen: 39.292 ng
RT: 9.869 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD



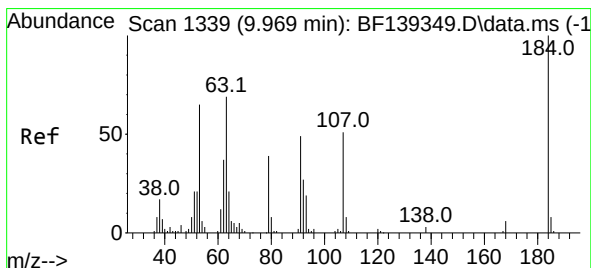
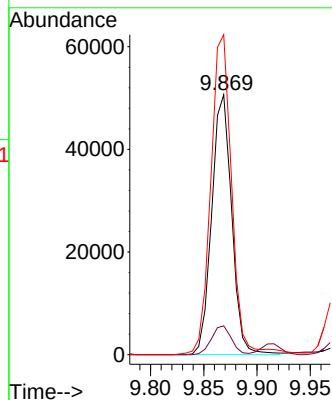
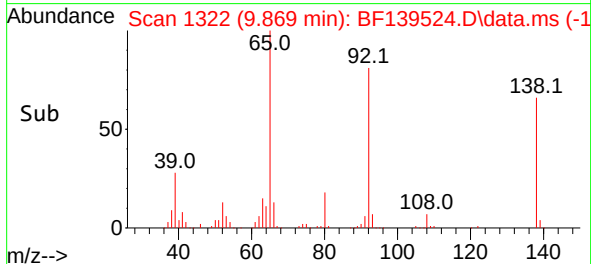
Tgt Ion:138 Resp: 65952
Ion Ratio Lower Upper
138 100
108 11.1 9.8 14.8
92 123.1 107.4 161.2

Manual Integrations

APPROVED

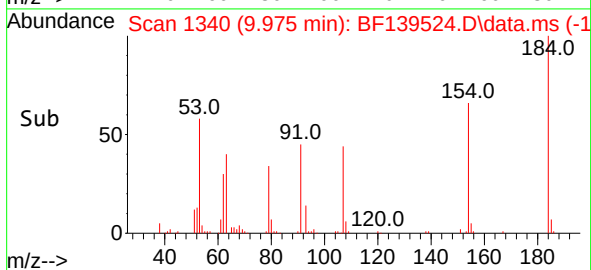
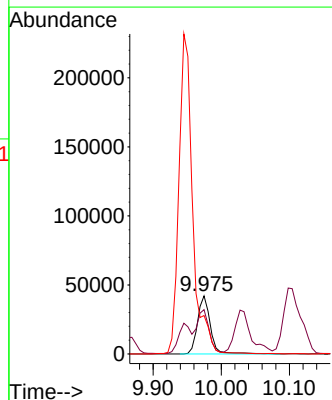
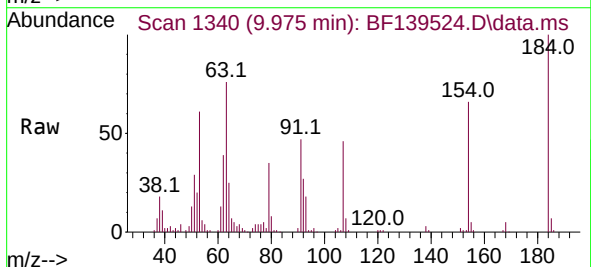
Reviewed By :Yogesh Patel 09/25/2024

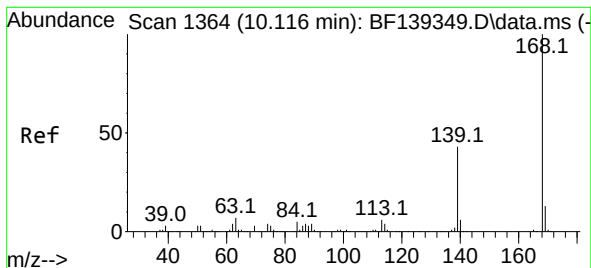
Supervised By :mohammad ahmed 09/25/2024



#54
2,4-Dinitrophenol
Concen: 58.497 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Tgt Ion:184 Resp: 54746
Ion Ratio Lower Upper
184 100
63 76.3 69.3 103.9
154 66.1 67.5 101.3#





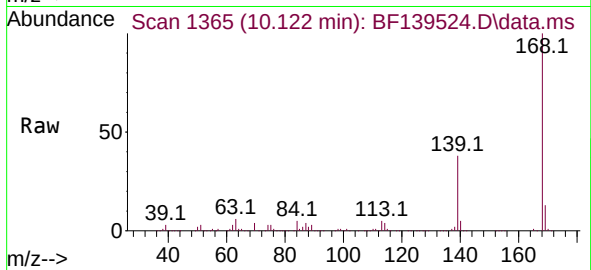
#55
Dibenzenofuran
Concen: 46.886 ng
RT: 10.122 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD



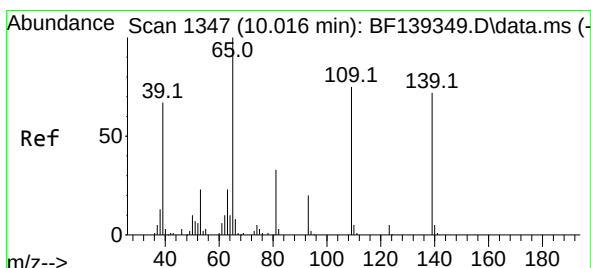
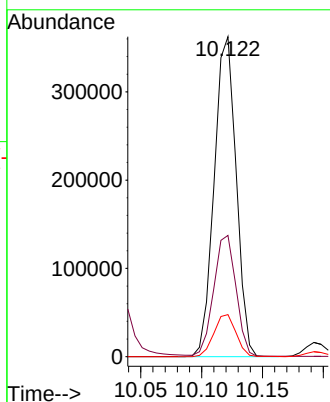
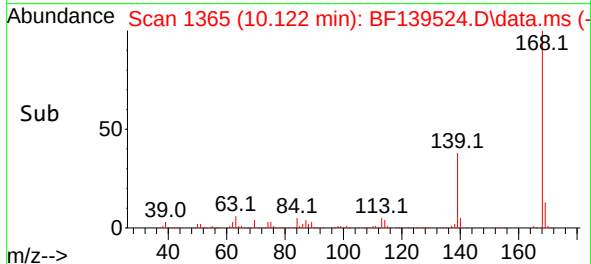
Tgt Ion:168 Resp: 45618
Ion Ratio Lower Upper
168 100
139 37.9 34.1 51.1
169 13.1 10.5 15.7

Manual Integrations

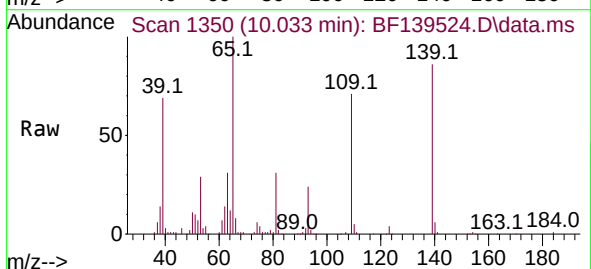
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

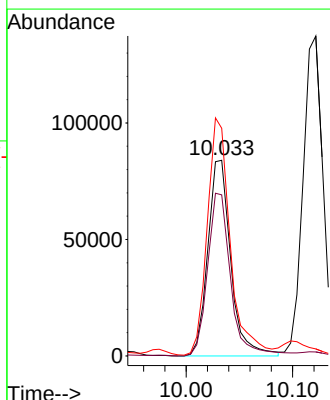
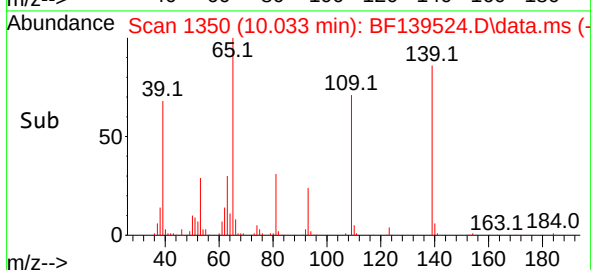
Supervised By :mohammad ahmed 09/25/2024

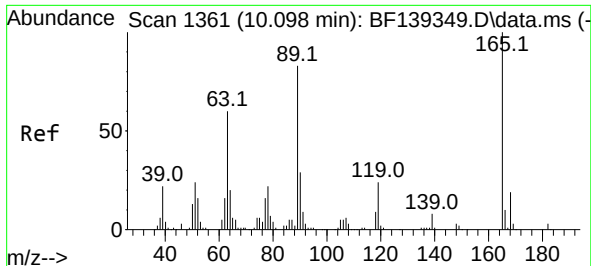


#56
4-Nitrophenol
Concen: 90.585 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.018 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07



Tgt Ion:139 Resp: 125811
Ion Ratio Lower Upper
139 100
109 82.4 84.1 124.1#
65 116.3 120.0 160.0#





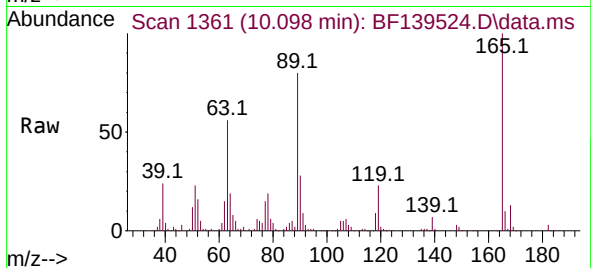
#57
2,4-Dinitrotoluene
Concen: 48.658 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD



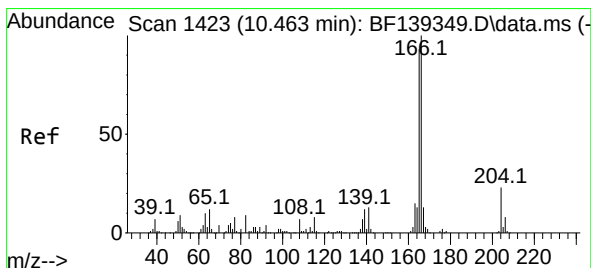
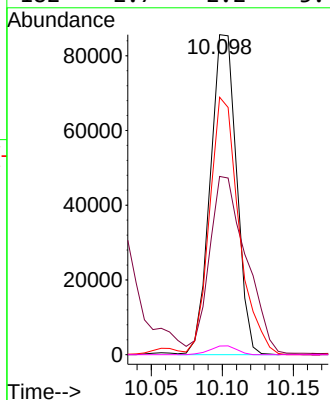
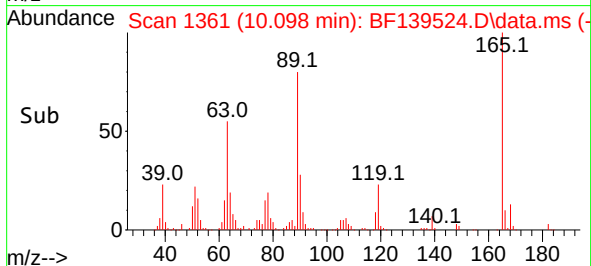
Tgt Ion:165 Resp: 110333
Ion Ratio Lower Upper
165 100
63 55.7 47.8 71.6
89 80.5 66.7 100.1
182 2.7 2.2 3.4

Manual Integrations

APPROVED

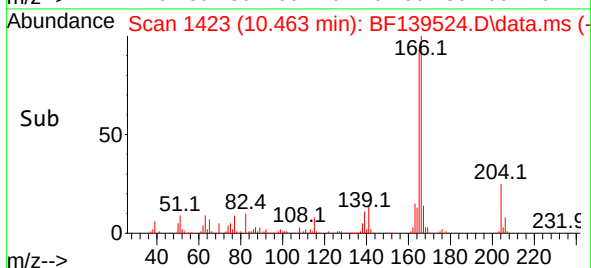
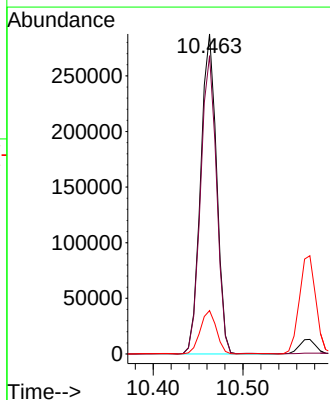
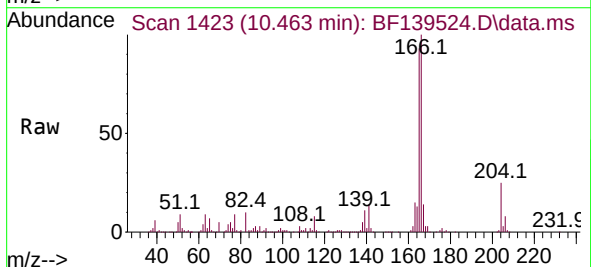
Reviewed By :Yogesh Patel 09/25/2024

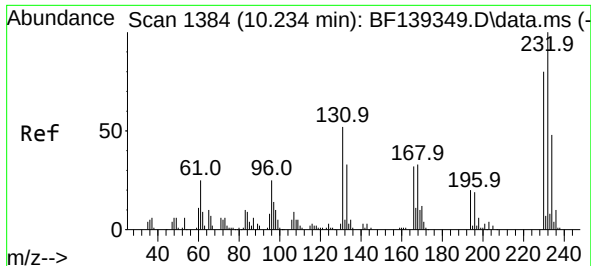
Supervised By :mohammad ahmed 09/25/2024



#58
Fluorene
Concen: 44.721 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Tgt Ion:166 Resp: 355017
Ion Ratio Lower Upper
166 100
165 93.2 74.5 111.7
167 13.6 10.6 16.0





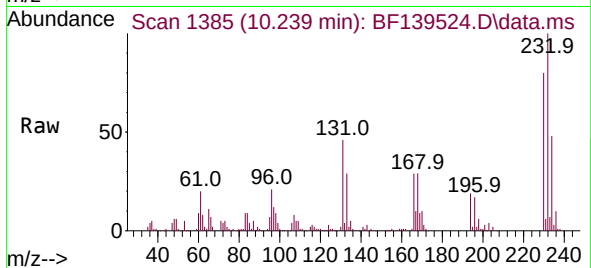
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.380 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

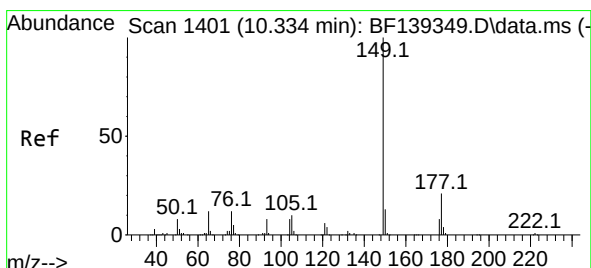
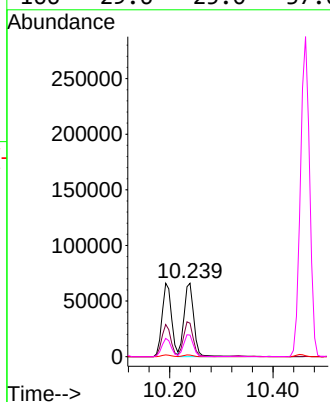
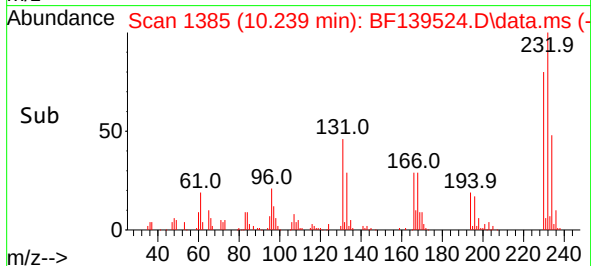


Tgt Ion:232 Resp: 86250
Ion Ratio Lower Upper
232 100
131 46.8 40.7 61.1
130 2.4 2.2 3.2
166 29.6 25.0 37.6

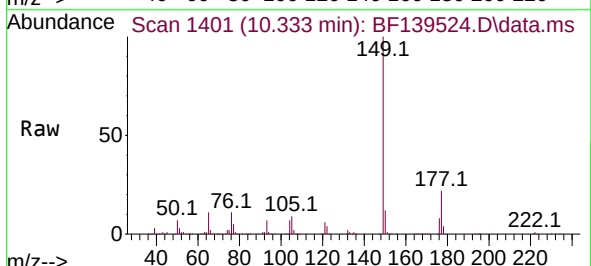
Manual Integrations

APPROVED

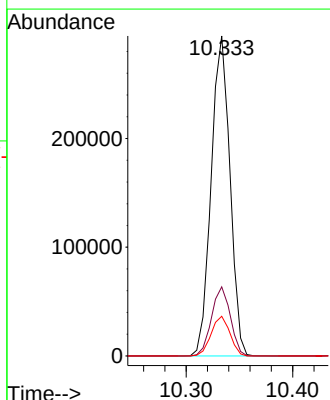
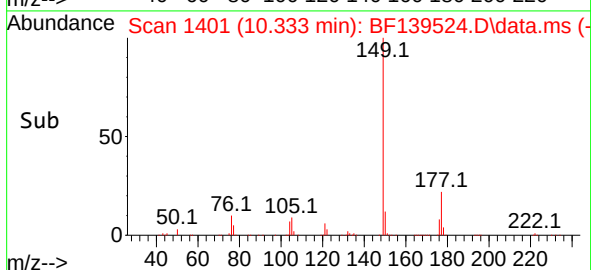
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

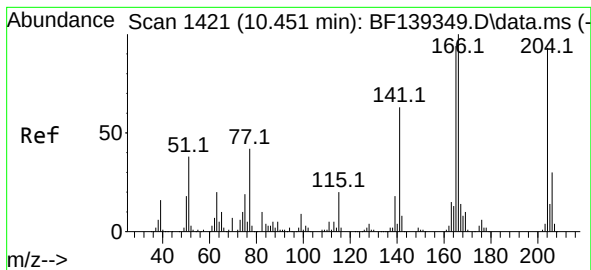


#60
Diethylphthalate
Concen: 46.061 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07



Tgt Ion:149 Resp: 360371
Ion Ratio Lower Upper
149 100
177 21.6 16.6 24.8
150 12.4 10.6 15.8





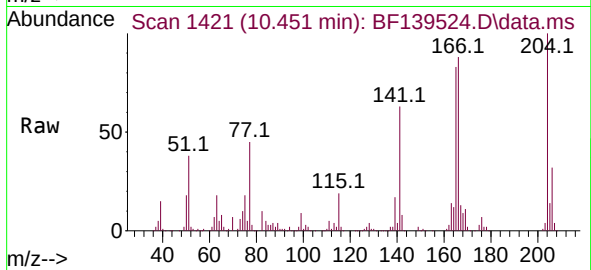
#61
4-Chlorophenyl-phenylether
Concen: 44.263 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD



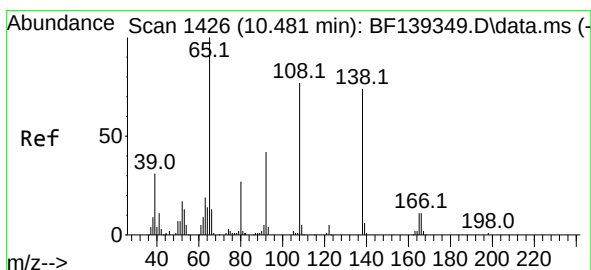
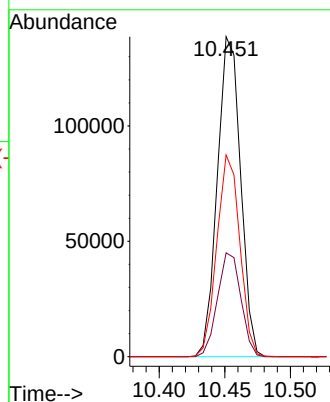
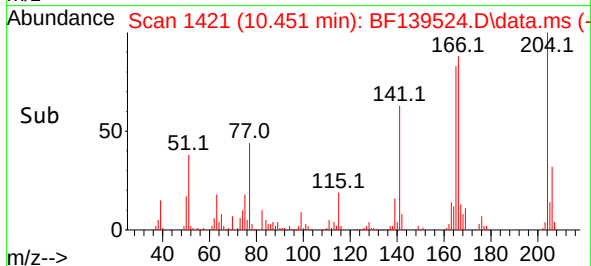
Tgt Ion:204 Resp: 17076
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 63.1 53.9 80.9

Manual Integrations

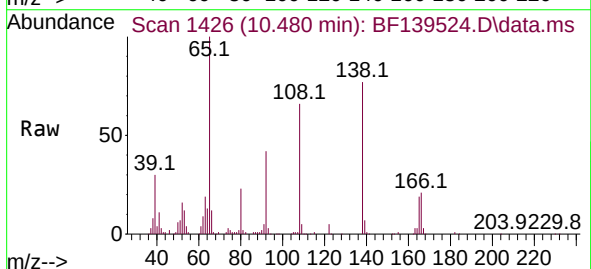
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

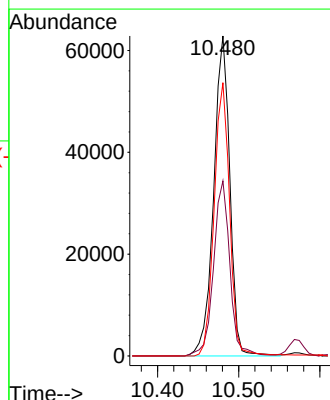
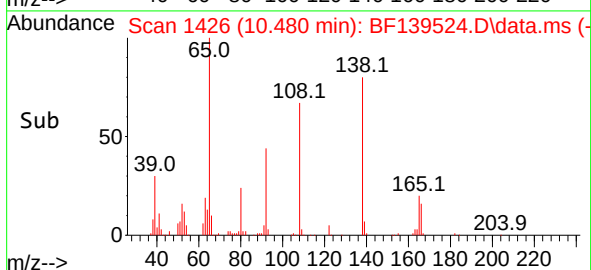
Supervised By :mohammad ahmed 09/25/2024

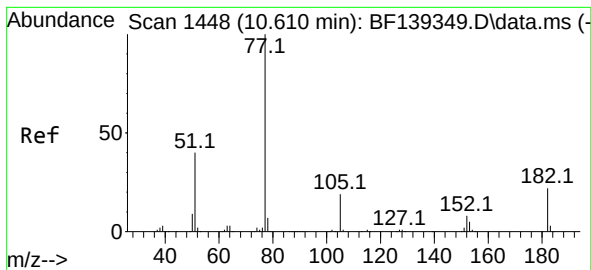


#62
4-Nitroaniline
Concen: 47.495 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07



Tgt Ion:138 Resp: 87006
Ion Ratio Lower Upper
138 100
92 54.7 37.0 77.0
108 85.4 84.4 124.4





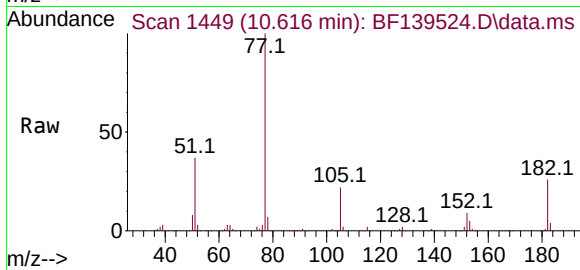
#63
Azobenzene
Concen: 49.742 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

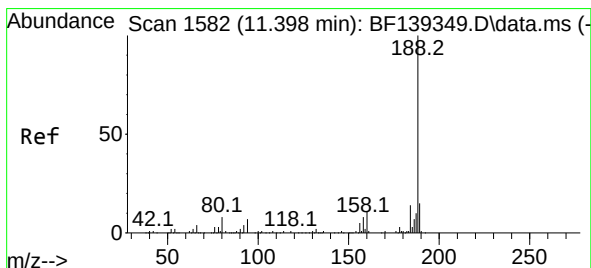
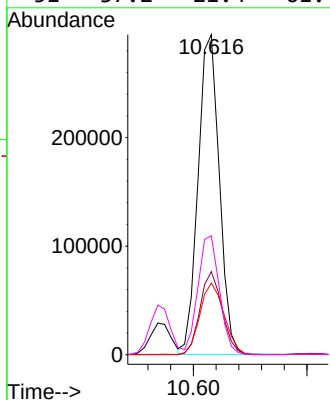
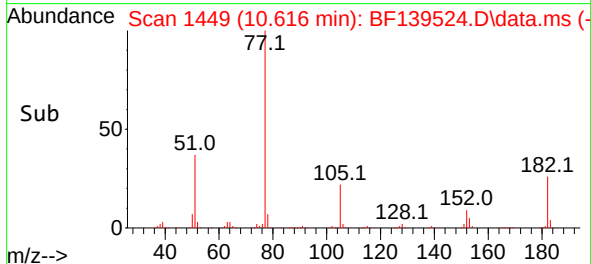


Tgt Ion: 77 Resp: 382769
Ion Ratio Lower Upper
77 100
182 26.0 1.8 41.8
105 22.4 0.0 38.6
51 37.2 21.4 61.4

Manual Integrations

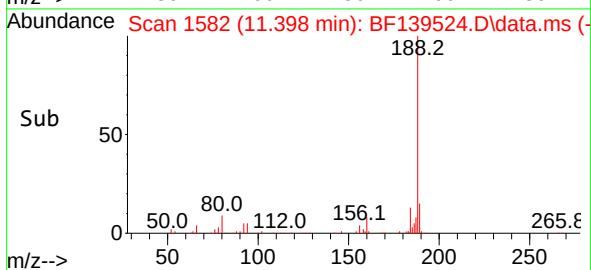
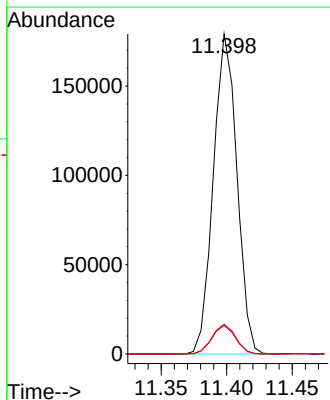
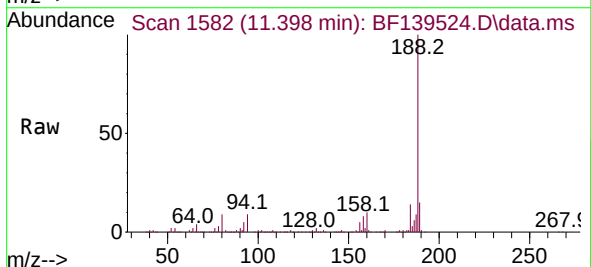
APPROVED

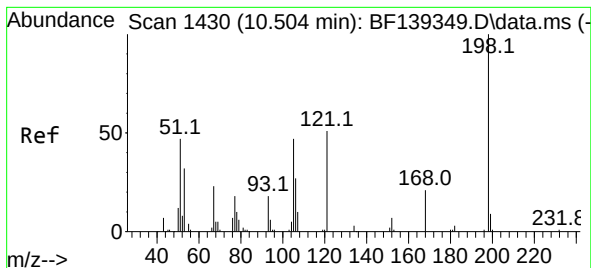
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Tgt Ion:188 Resp: 223761
Ion Ratio Lower Upper
188 100
94 8.9 5.5 8.3#
80 9.4 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 35.810 ng
RT: 10.510 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

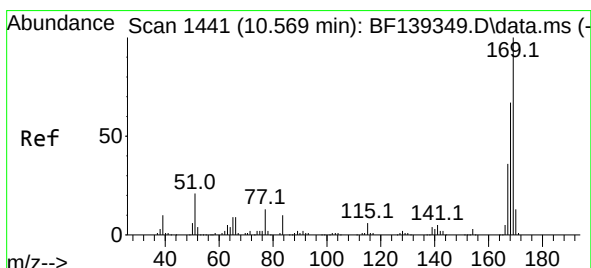
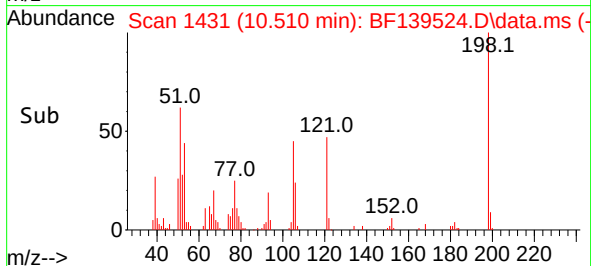
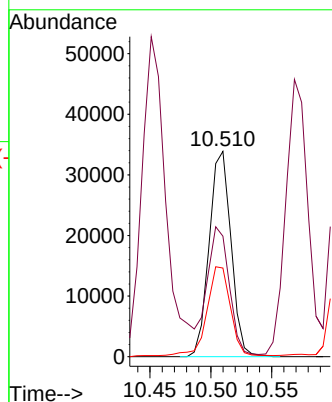
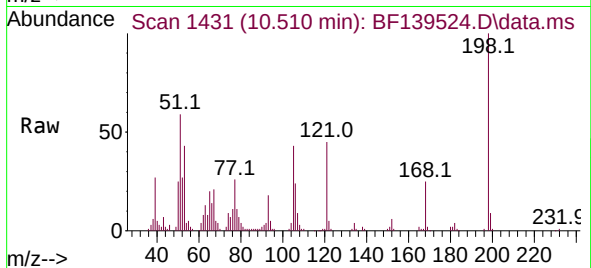
COMP-8MSD

Tgt Ion:198 Resp: 4229
Ion Ratio Lower Upper
198 100
51 58.7 50.4 90.4
105 43.2 28.3 68.3

Manual Integrations

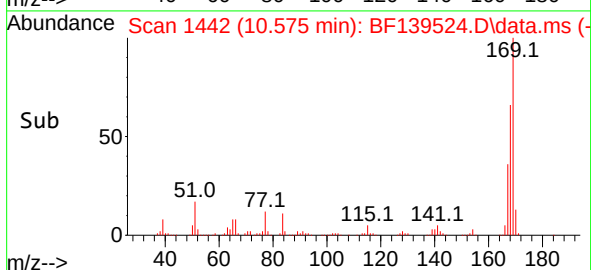
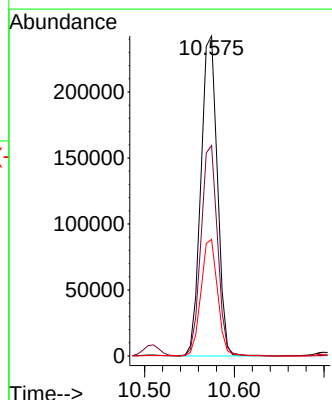
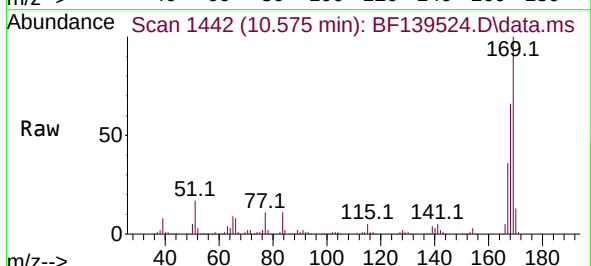
APPROVED

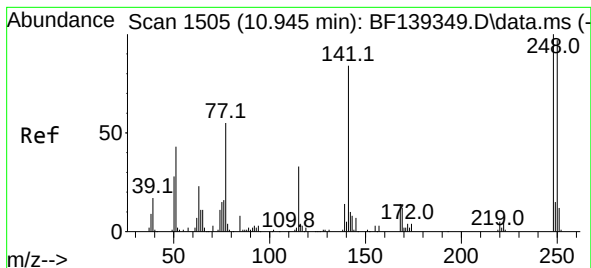
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#66
n-Nitrosodiphenylamine
Concen: 47.230 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Tgt Ion:169 Resp: 308980
Ion Ratio Lower Upper
169 100
168 65.8 53.6 80.4
167 36.5 28.7 43.1





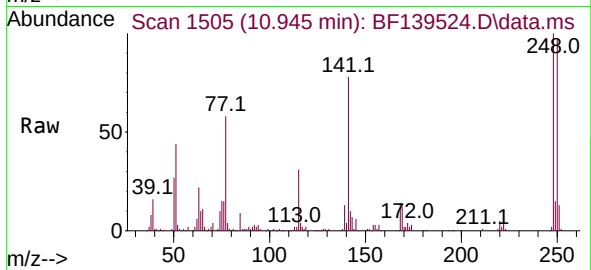
#67
4-Bromophenyl-phenylether
Concen: 45.470 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

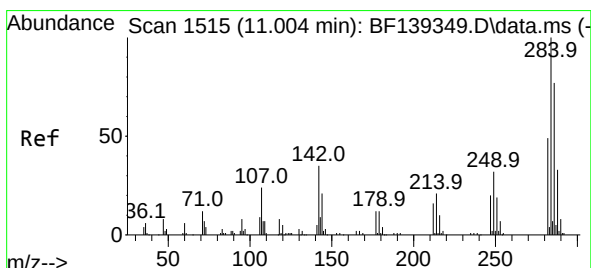
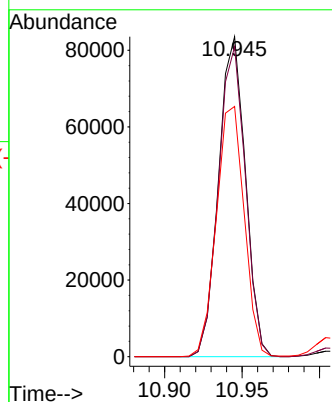
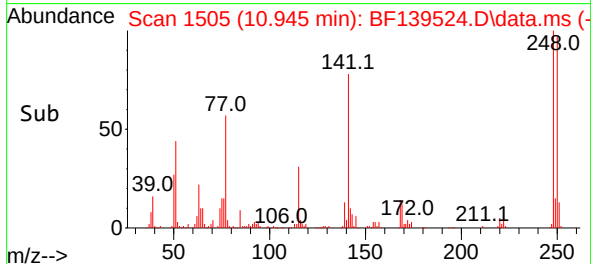


Tgt Ion:248 Resp: 100820
Ion Ratio Lower Upper
248 100
250 96.9 77.6 116.4
141 78.2 66.9 100.3

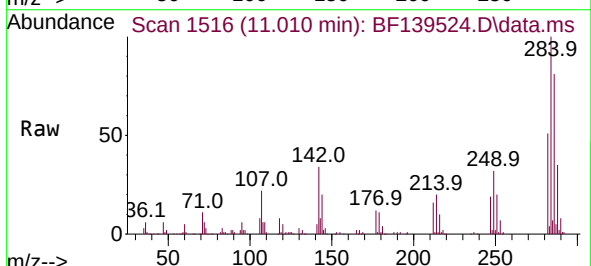
Manual Integrations

APPROVED

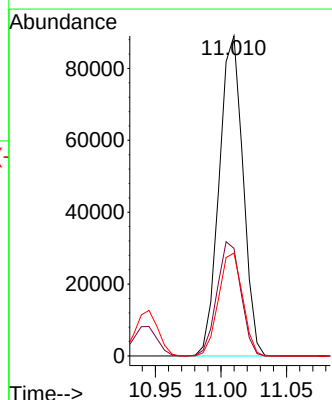
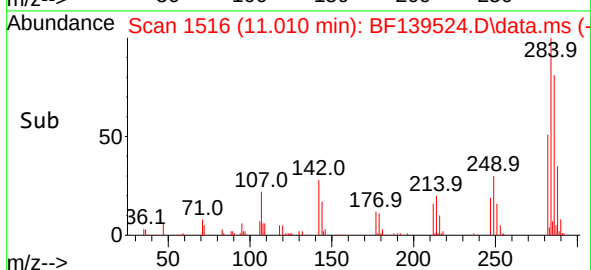
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

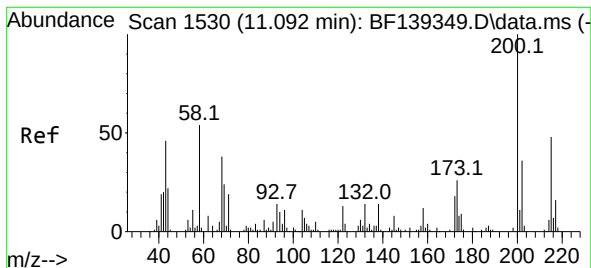


#68
Hexachlorobenzene
Concen: 43.102 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07



Tgt Ion:284 Resp: 112169
Ion Ratio Lower Upper
284 100
142 33.6 28.0 42.0
249 32.2 25.3 37.9





#69

Atrazine

Concen: 63.605 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

Tgt Ion:200 Resp: 99063

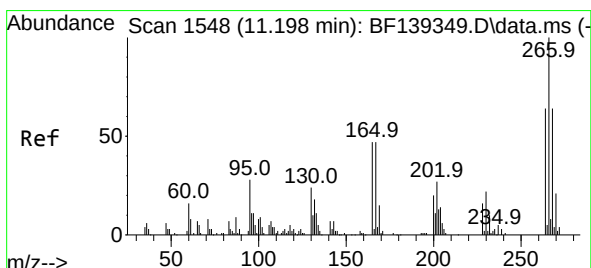
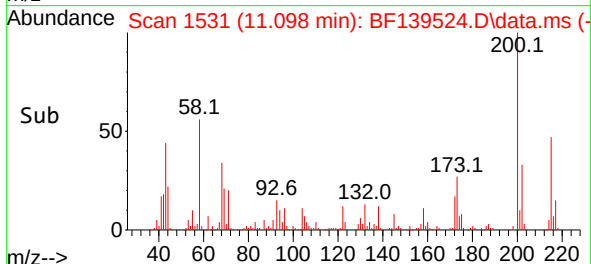
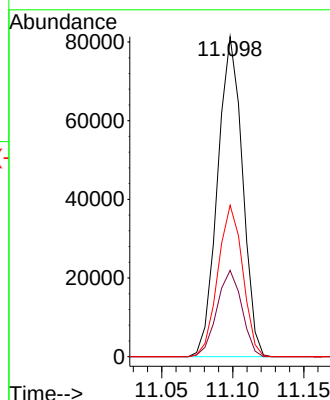
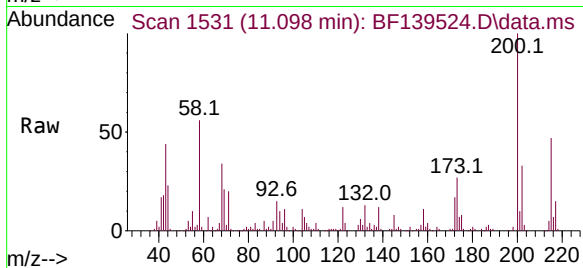
Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.1	46.1
215	47.3	28.2	68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#70

Pentachlorophenol

Concen: 66.615 ng

RT: 11.204 min Scan# 1549

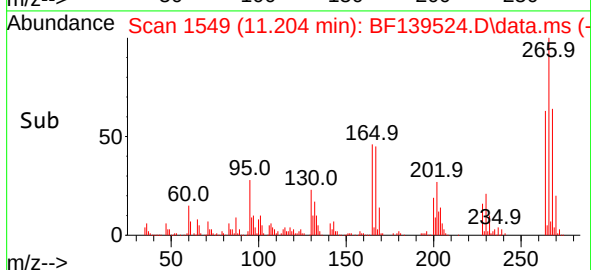
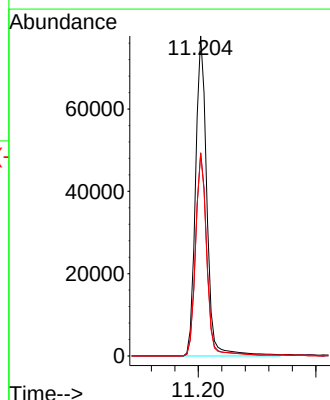
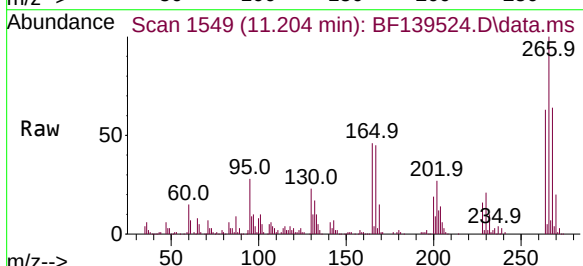
Delta R.T. 0.006 min

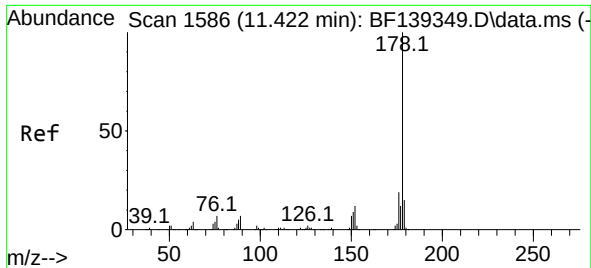
Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

Tgt Ion:266 Resp: 104023

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	63.3	51.4	77.0





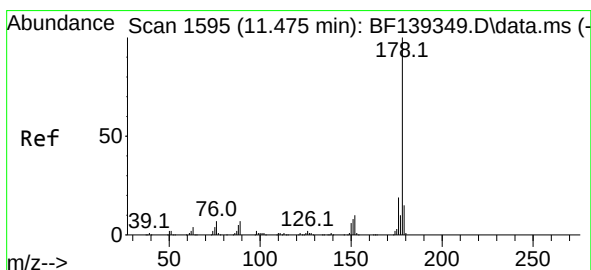
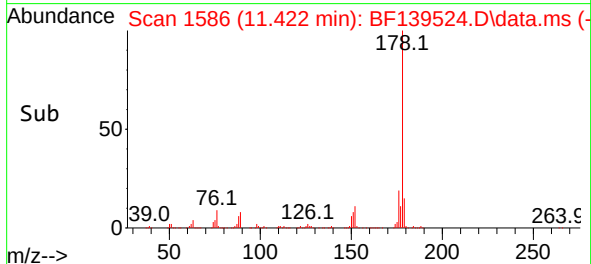
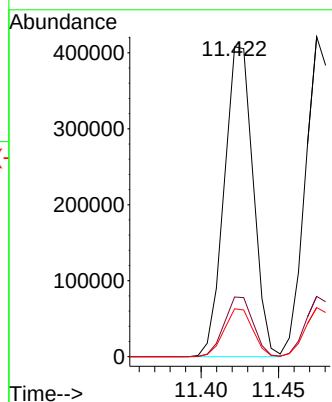
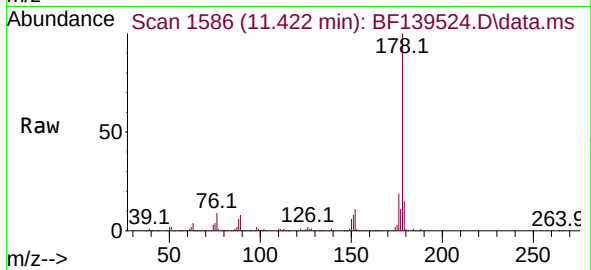
#71
Phenanthrene
Concen: 49.115 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :
BNA_F
ClientSampleId :
COMP-8MSD

Tgt Ion:178 Resp: 53022
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.4 12.2 18.4

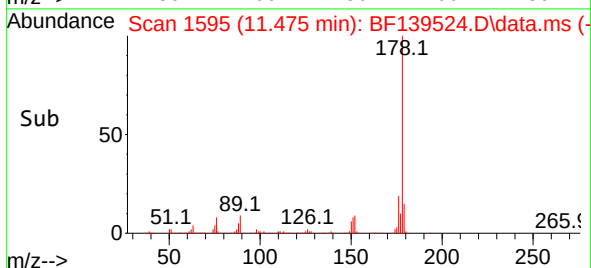
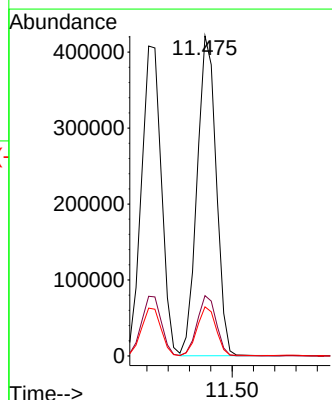
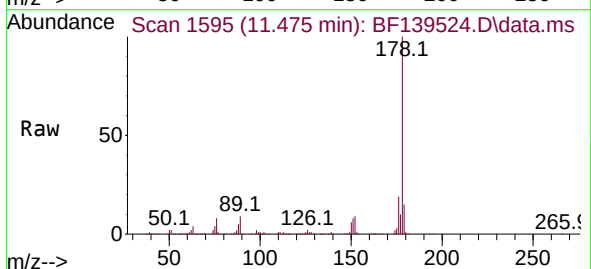
Manual Integrations
APPROVED

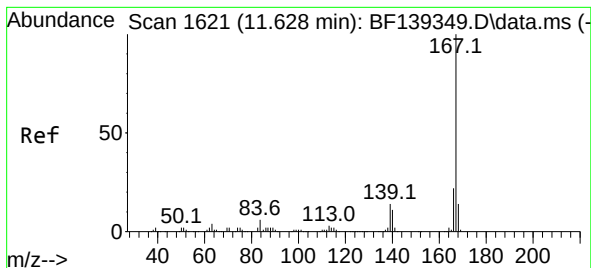
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#72
Anthracene
Concen: 49.712 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Tgt Ion:178 Resp: 524710
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.3 12.0 18.0





#73

Carbazole

Concen: 47.177 ng

RT: 11.633 min Scan# 1621

Delta R.T. 0.006 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

Tgt Ion:167 Resp: 476590

Ion Ratio Lower Upper

167 100

166 21.4 17.5 26.3

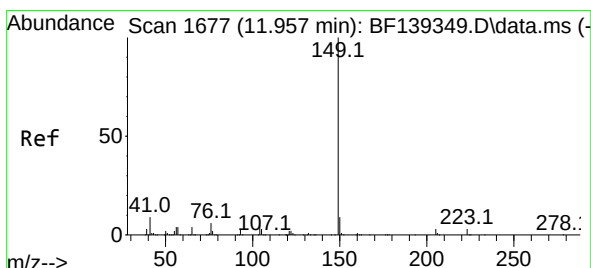
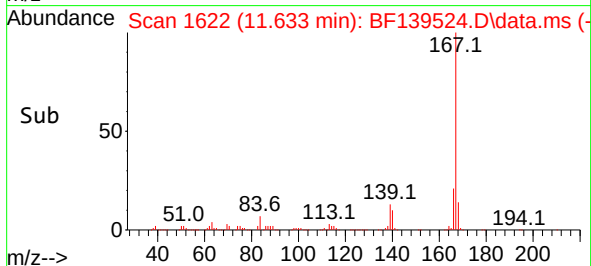
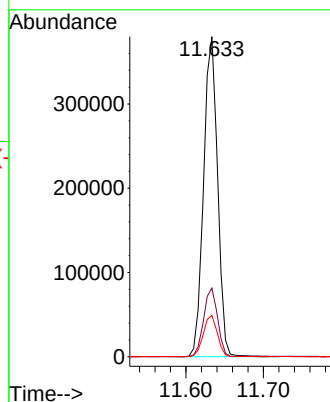
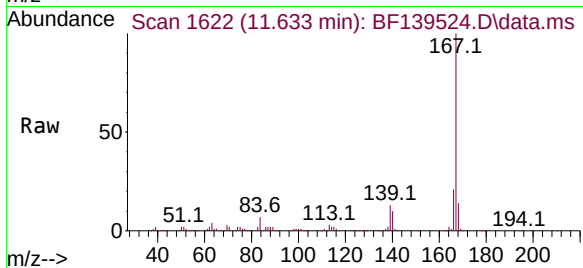
139 12.9 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#74

Di-n-butylphthalate

Concen: 48.727 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

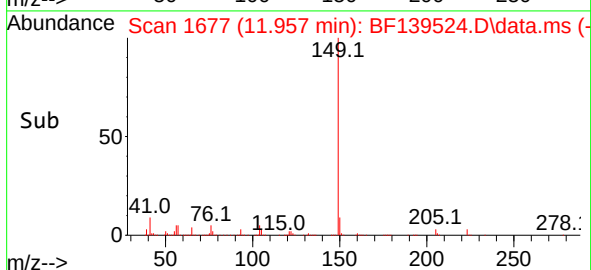
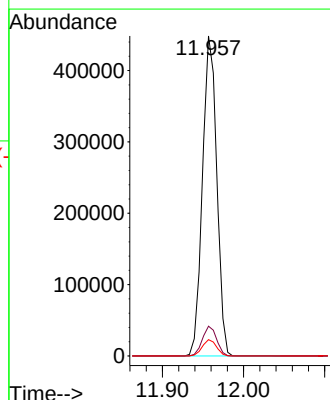
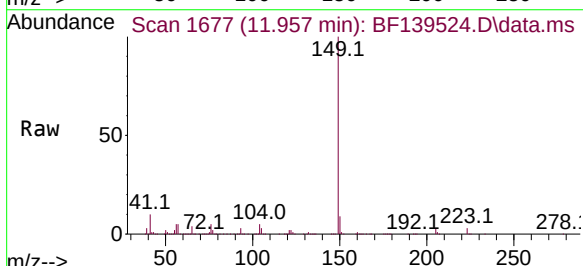
Tgt Ion:149 Resp: 548349

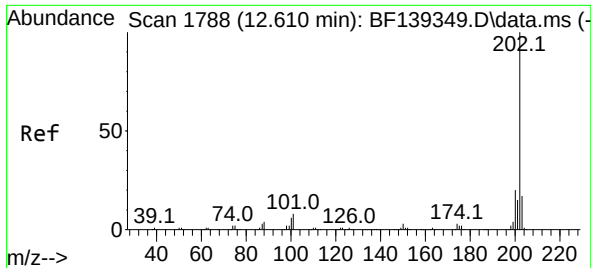
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.1 4.3 6.5





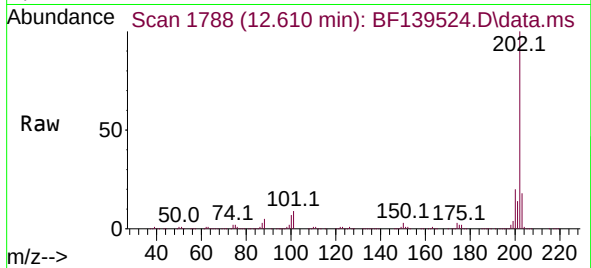
#75
Fluoranthene
Concen: 45.524 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD



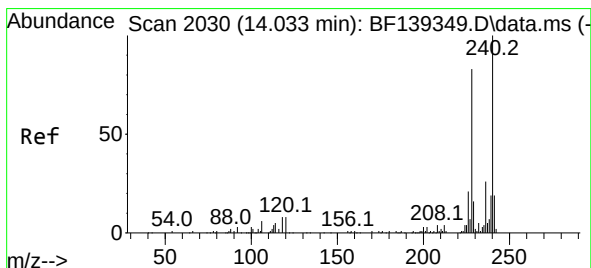
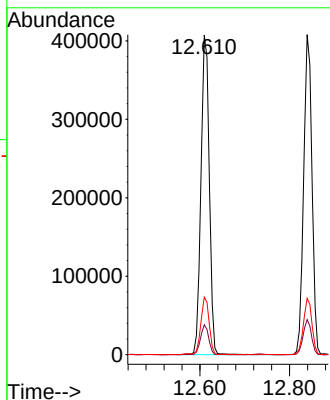
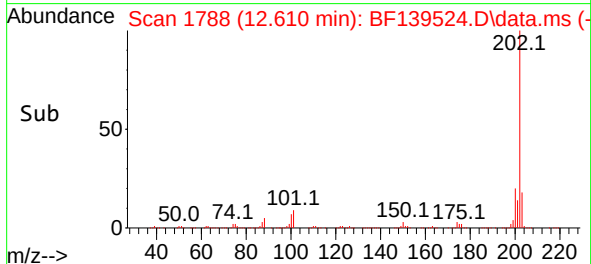
Tgt Ion:202 Resp: 524839
Ion Ratio Lower Upper
202 100
101 9.4 0.0 27.7
203 18.0 0.0 37.4

Manual Integrations

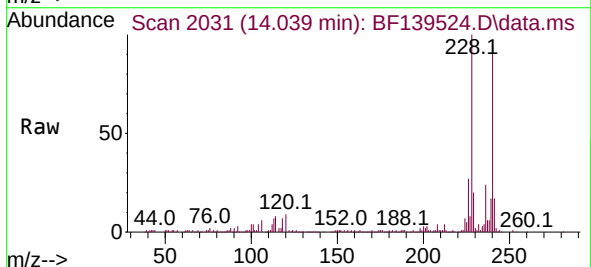
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

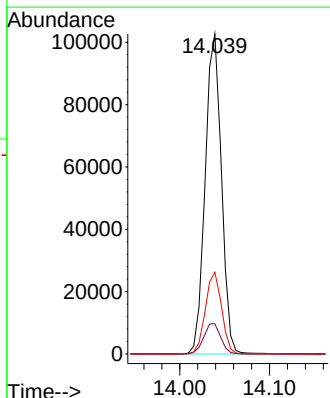
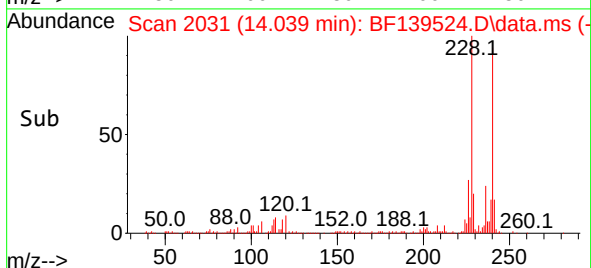
Supervised By :mohammad ahmed 09/25/2024

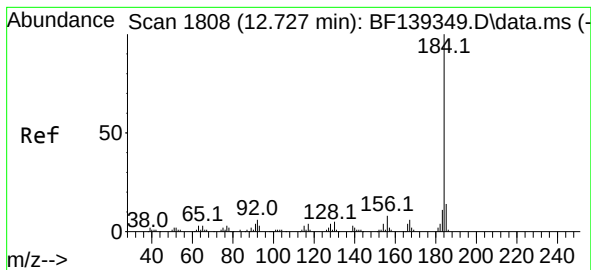


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07



Tgt Ion:240 Resp: 129176
Ion Ratio Lower Upper
240 100
120 9.4 6.2 9.2#
236 25.6 20.9 31.3





#77

Benzidine

Concen: 85.307 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

Tgt Ion:184 Resp: 157879

Ion Ratio Lower Upper

184 100

185 14.7 11.5 17.3

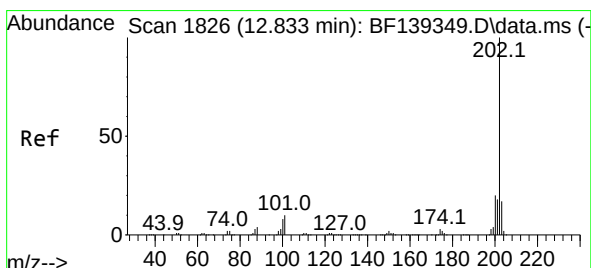
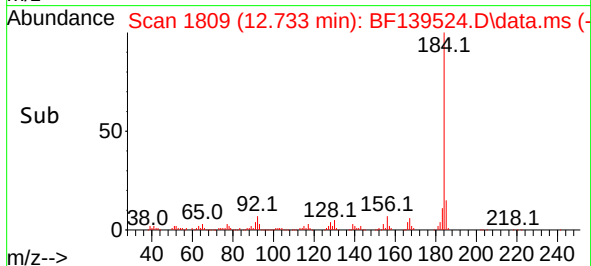
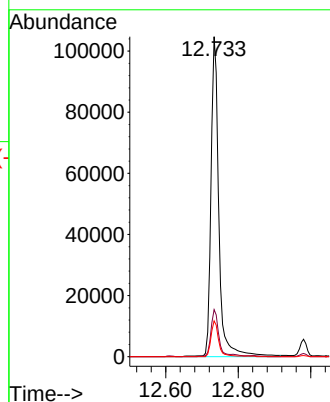
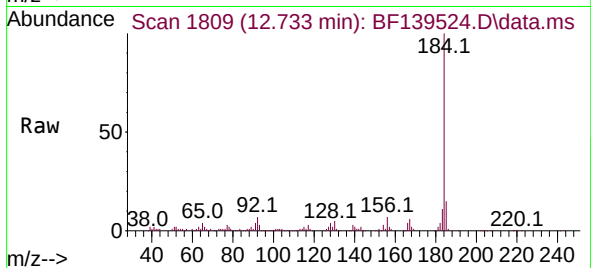
183 11.2 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#78

Pyrene

Concen: 47.423 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

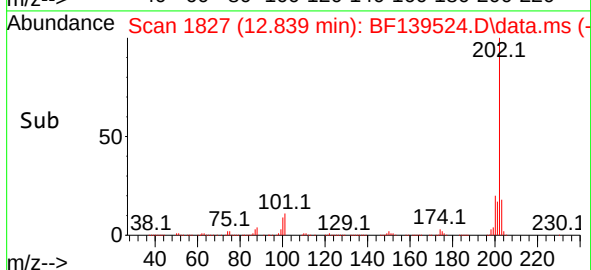
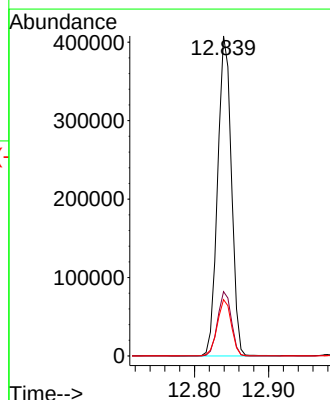
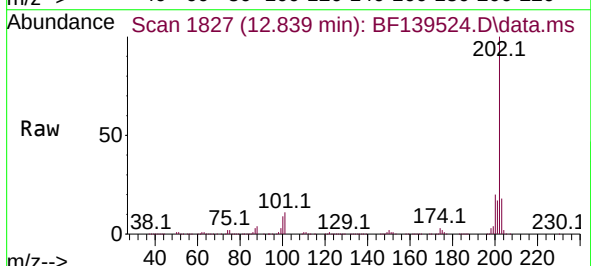
Tgt Ion:202 Resp: 525997

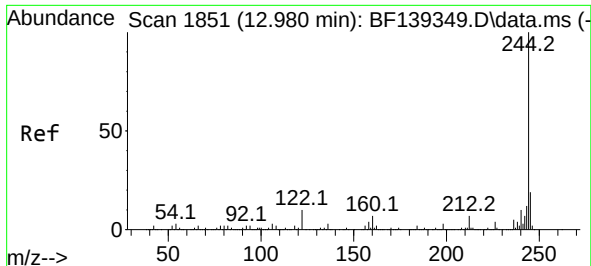
Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

203 17.6 13.9 20.9





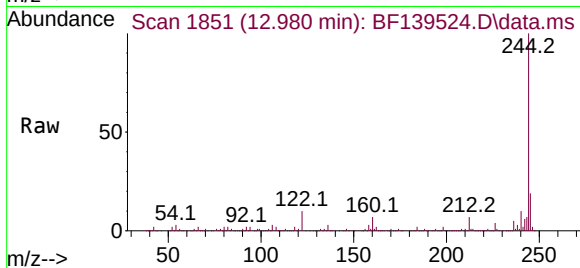
#79
 Terphenyl-d14
 Concen: 56.261 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139524.D
 Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

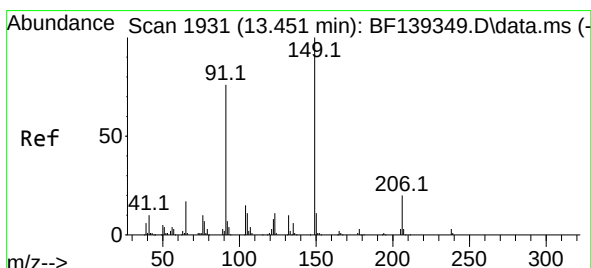
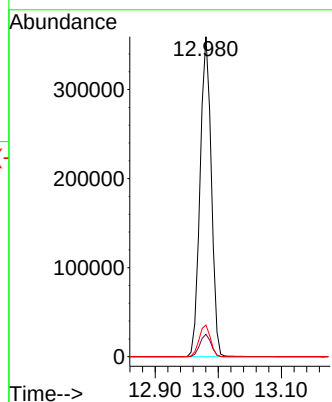
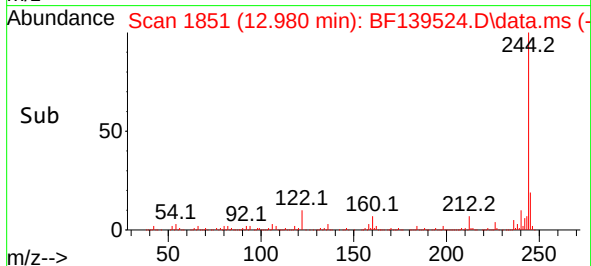


Tgt Ion:244 Resp: 442760
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.9 7.6 11.4

Manual Integrations

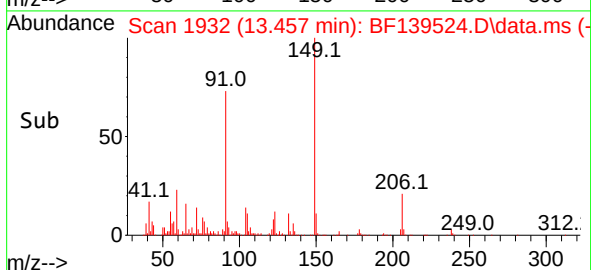
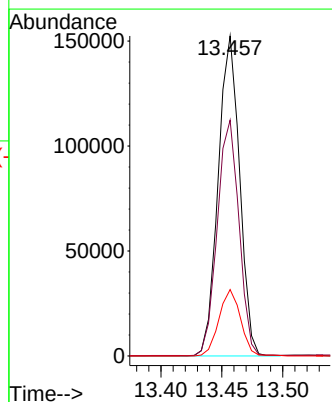
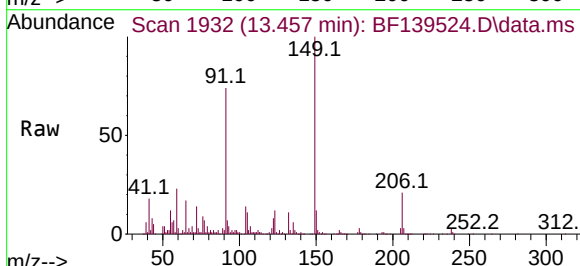
APPROVED

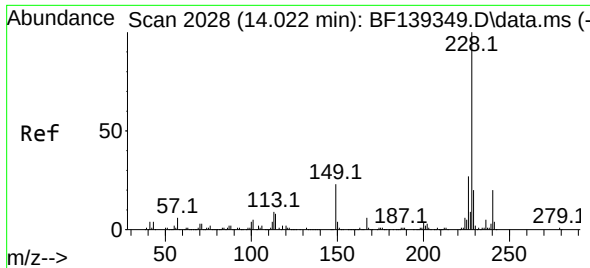
Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024



#80
 Butylbenzylphthalate
 Concen: 49.469 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. 0.006 min
 Lab File: BF139524.D
 Acq: 24 Sep 2024 17:07

Tgt Ion:149 Resp: 186761
 Ion Ratio Lower Upper
 149 100
 91 73.7 60.9 91.3
 206 20.7 15.8 23.8





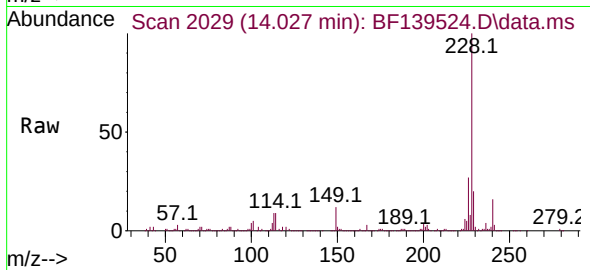
#81
Benzo(a)anthracene
Concen: 47.548 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

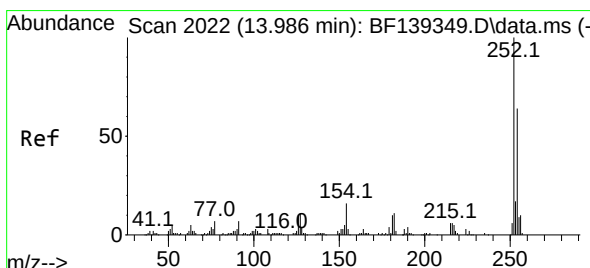
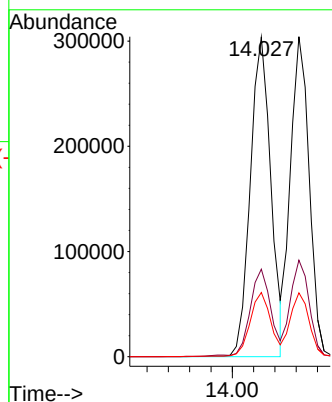
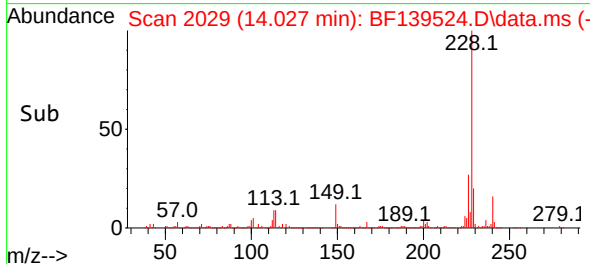


Tgt Ion:228 Resp: 40685
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 20.1 15.7 23.5

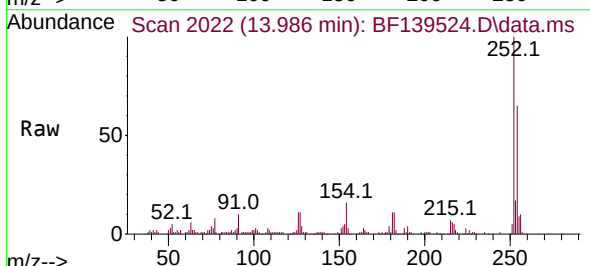
Manual Integrations

APPROVED

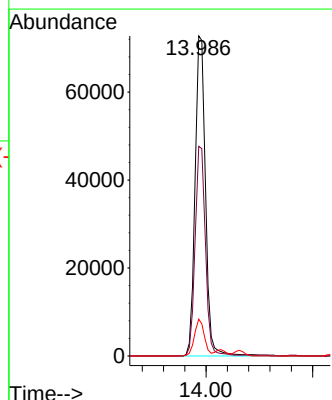
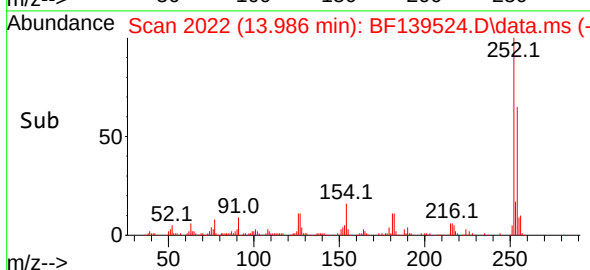
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

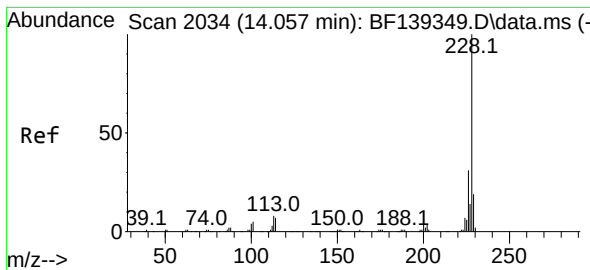


#82
3,3'-Dichlorobenzidine
Concen: 39.612 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07



Tgt Ion:252 Resp: 99259
Ion Ratio Lower Upper
252 100
254 65.5 51.4 77.2
126 11.5 7.7 11.5





#83

Chrysene

Concen: 47.252 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

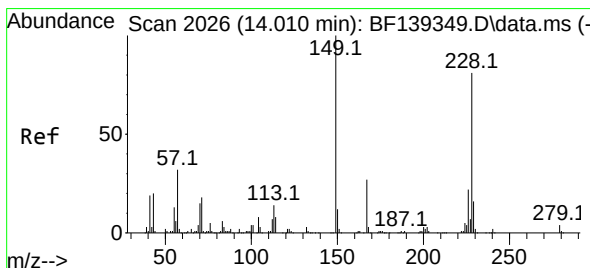
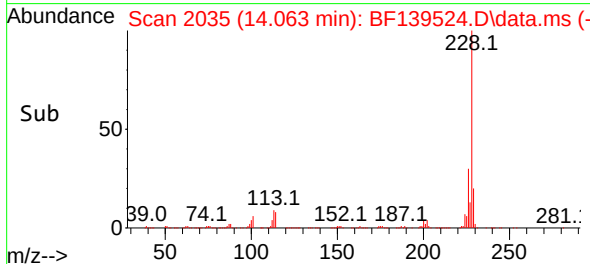
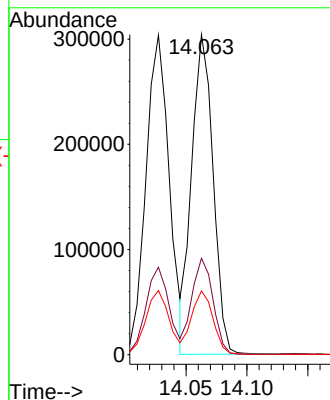
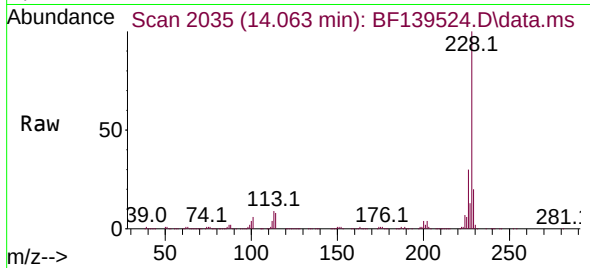
Tgt Ion:	228	Resp:	37197
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.1	36.1
229	20.0	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.272 ng

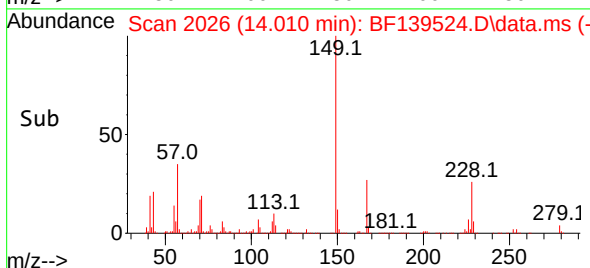
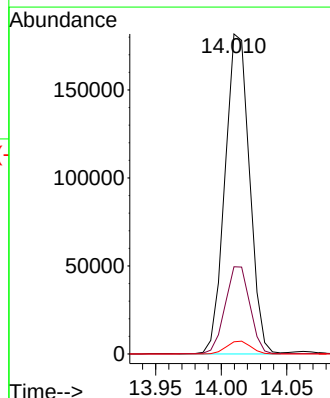
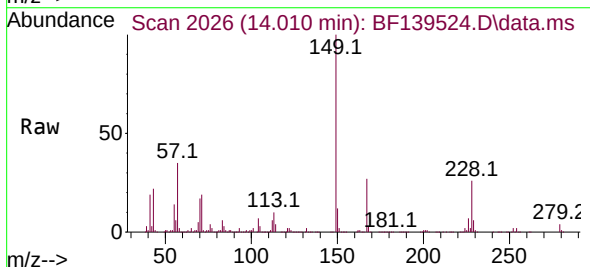
RT: 14.010 min Scan# 2026

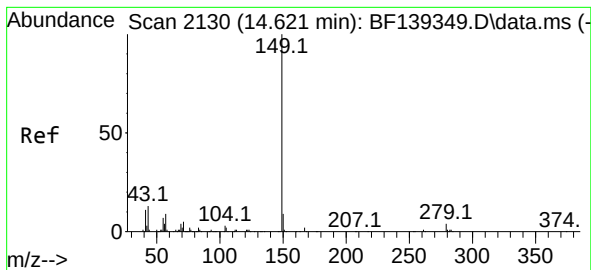
Delta R.T. -0.000 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

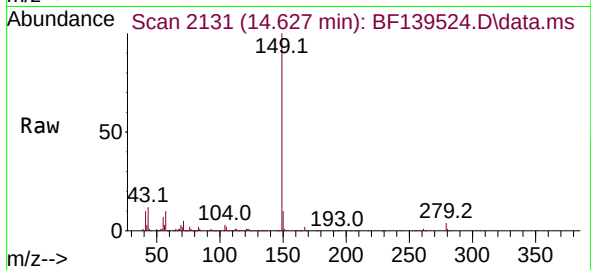
Tgt Ion:	149	Resp:	236641
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.6	32.4
279	3.8	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 54.600 ng
RT: 14.627 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

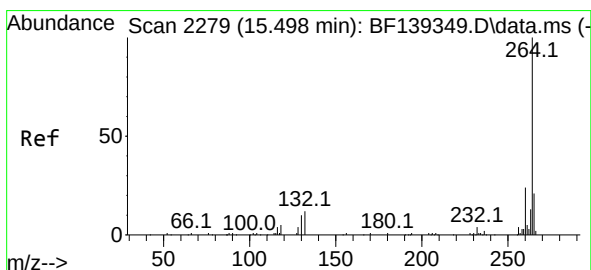
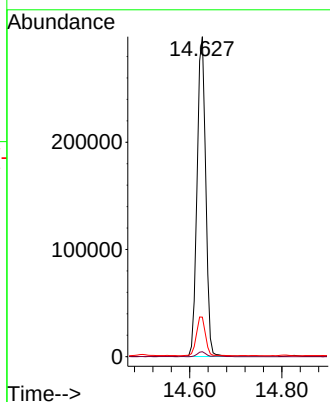
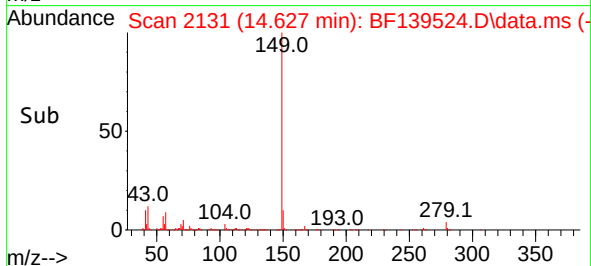
Instrument :
BNA_F
ClientSampleId :
COMP-8MSD



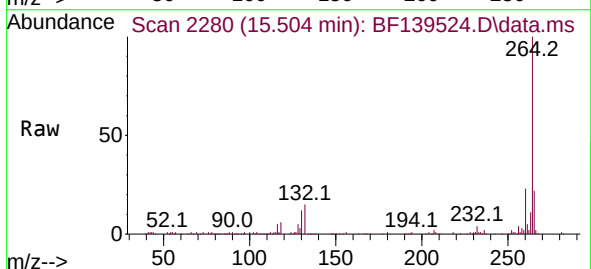
Tgt Ion:149 Resp: 38618
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.7 10.6 16.0

Manual Integrations
APPROVED

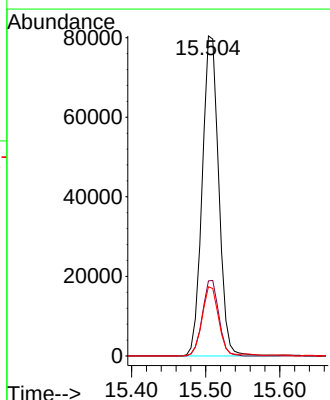
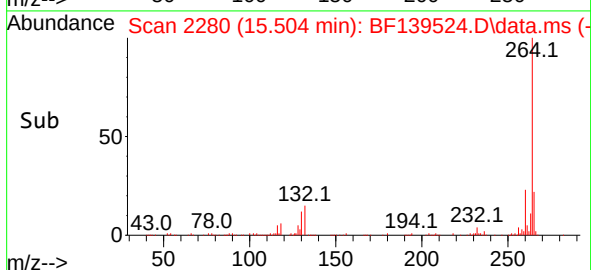
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

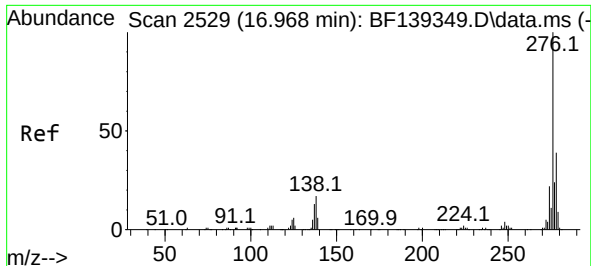


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07



Tgt Ion:264 Resp: 124848
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 21.6 16.6 25.0





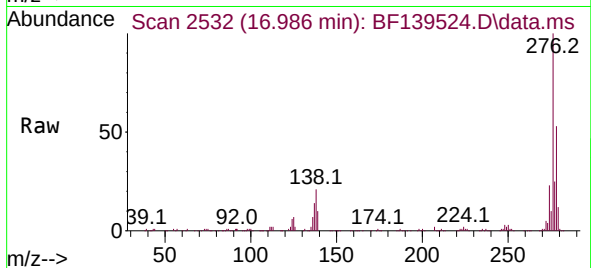
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.230 ng
 RT: 16.986 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF139524.D
 Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD



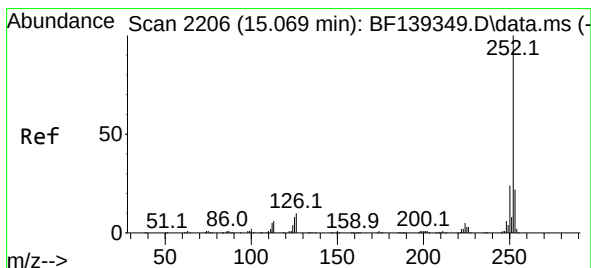
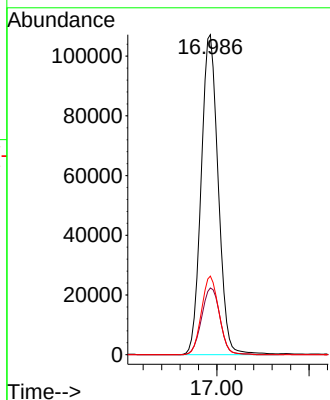
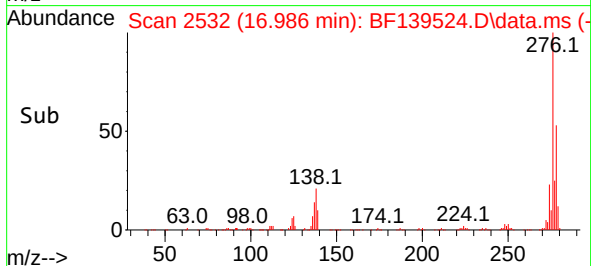
Tgt Ion:276 Resp: 27638
 Ion Ratio Lower Upper
 276 100
 138 22.5 15.4 23.2
 277 25.0 20.4 30.6

Manual Integrations

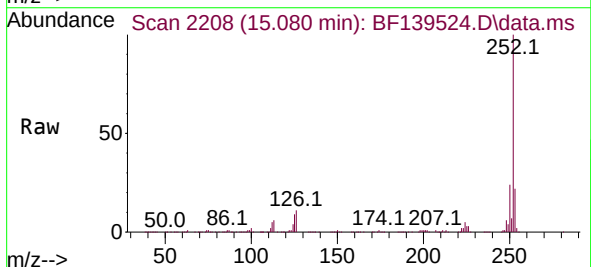
APPROVED

Reviewed By :Yogesh Patel 09/25/2024

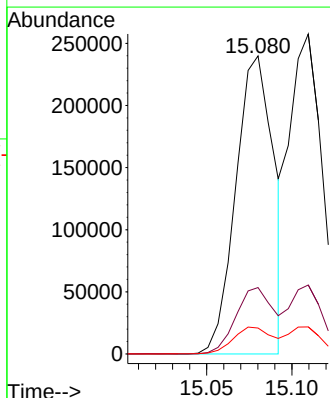
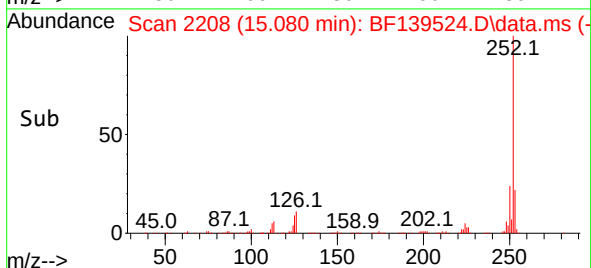
Supervised By :mohammad ahmed 09/25/2024

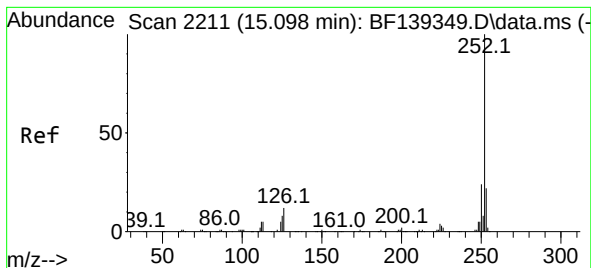


#88
 Benzo(b)fluoranthene
 Concen: 48.281 ng
 RT: 15.080 min Scan# 2208
 Delta R.T. 0.012 min
 Lab File: BF139524.D
 Acq: 24 Sep 2024 17:07



Tgt Ion:252 Resp: 371759
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.6 26.4
 125 8.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 48.134 ng

RT: 15.110 min Scan# 2211

Delta R.T. 0.012 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

COMP-8MSD

Tgt Ion:252 Resp: 341724

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

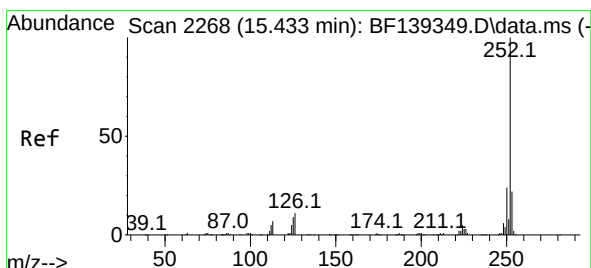
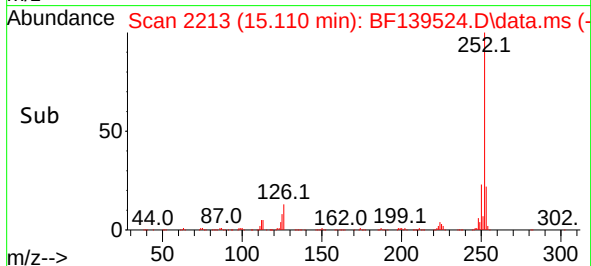
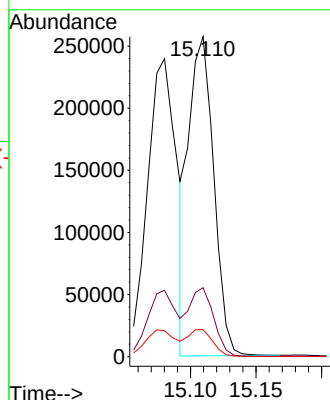
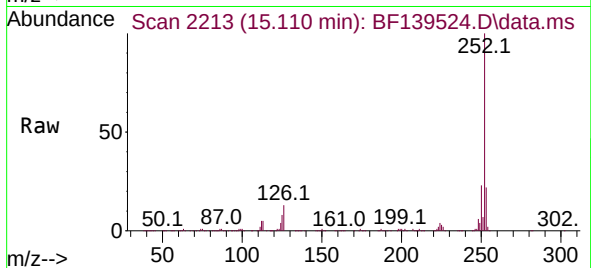
125 8.5 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024

Supervised By :mohammad ahmed 09/25/2024



#90

Benzo(a)pyrene

Concen: 51.381 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF139524.D

Acq: 24 Sep 2024 17:07

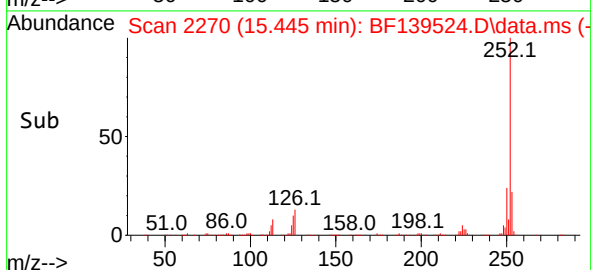
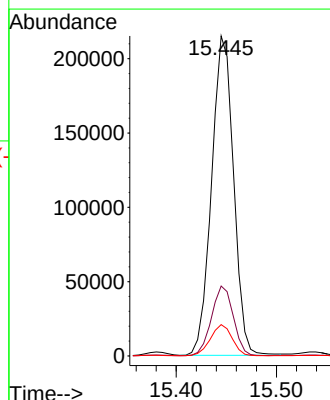
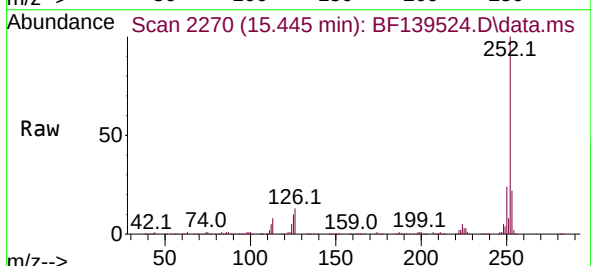
Tgt Ion:252 Resp: 328112

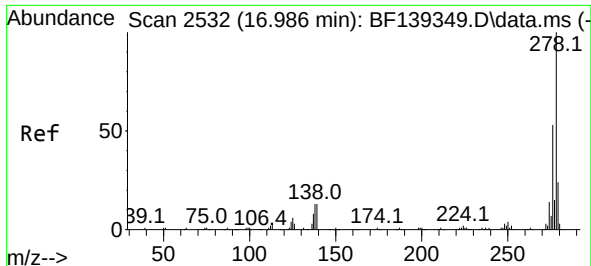
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.8 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 37.050 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Instrument :

BNA_F

ClientSampleId :

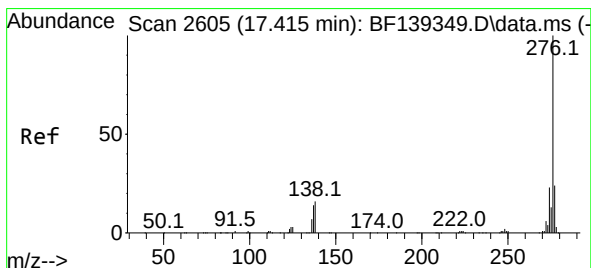
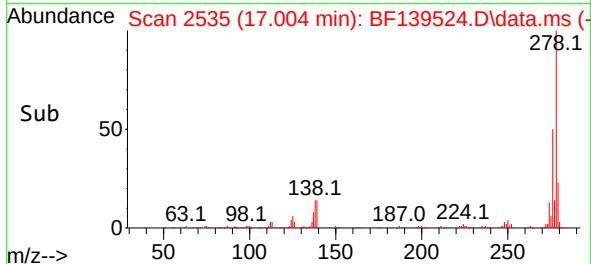
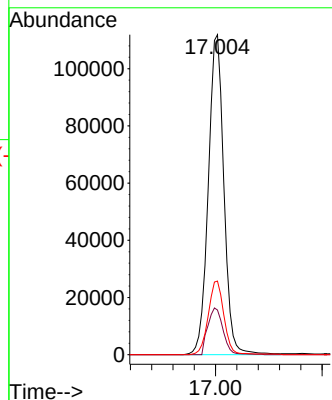
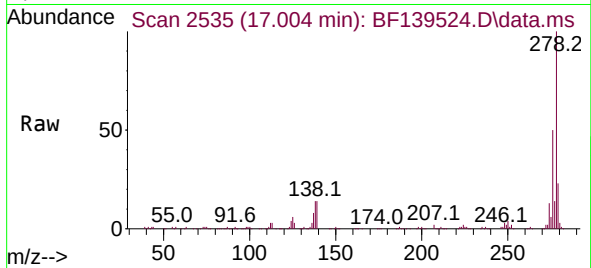
COMP-8MSD

Tgt Ion:278 Resp: 227280
Ion Ratio Lower Upper
278 100
139 13.9 10.2 15.2
279 23.0 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#92
Benzo(g,h,i)perylene
Concen: 31.519 ng
RT: 17.427 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF139524.D
Acq: 24 Sep 2024 17:07

Tgt Ion:276 Resp: 191446
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 19.7 13.0 19.6#

