

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139334.D
 Acq On : 11 Sep 2024 19:07
 Operator : RC/JU
 Sample : P3929-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024

Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 12 05:15:28 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Sep 04 16:11:43 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	57247	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	215802	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	109802	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	164983	20.000	ng	0.00
76) Chrysene-d12	14.045	240	103810	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	78333	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	431339	126.046	ng	0.00
7) Phenol-d6	6.516	99	564823	123.636	ng	0.00
23) Nitrobenzene-d5	7.451	82	383799	92.521	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	131863	139.073	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	695057	97.714	ng	0.00
79) Terphenyl-d14	12.992	244	499172	77.637	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	59121	37.099	ng	# 94
3) Pyridine	3.493	79	141732	36.844	ng	97
4) n-Nitrosodimethylamine	3.457	42	131297	52.561	ng	83
6) Aniline	6.545	93	107805	25.662	ng	# 59
8) 2-Chlorophenol	6.669	128	188661	53.195	ng	98
9) Benzaldehyde	6.434	77	43076	15.577	ng	96
10) Phenol	6.534	94	243191	50.468	ng	90
11) bis(2-Chloroethyl)ether	6.622	93	176824	51.220	ng	97
12) 1,3-Dichlorobenzene	6.828	146	202658	50.484	ng	97
13) 1,4-Dichlorobenzene	6.904	146	205053	51.034	ng	98
14) 1,2-Dichlorobenzene	7.057	146	193031	51.511	ng	99
15) Benzyl Alcohol	7.028	79	195342	58.633	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	308499	46.942	ng	91
17) 2-Methylphenol	7.140	107	149686	51.669	ng	# 92
18) Hexachloroethane	7.398	117	79192	55.184	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	151943	57.748	ng	98
20) 3+4-Methylphenols	7.293	107	203935	55.855	ng	# 84
22) Acetophenone	7.293	105	282630	54.974	ng	95
24) Nitrobenzene	7.469	77	225748	51.273	ng	97
25) Isophorone	7.704	82	389392	54.905	ng	98
26) 2-Nitrophenol	7.781	139	97609	56.445	ng	# 88
27) 2,4-Dimethylphenol	7.822	122	152412	61.799	ng	95
28) bis(2-Chloroethoxy)met...	7.916	93	219576	51.966	ng	98
29) 2,4-Dichlorophenol	8.022	162	157782	53.432	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	173105	51.327	ng	99
31) Naphthalene	8.192	128	558962	51.147	ng	100
32) Benzoic acid	7.940	122	116249	51.748	ng	96
33) 4-Chloroaniline	8.234	127	34693	9.168	ng	98
34) Hexachlorobutadiene	8.304	225	120406	56.342	ng	99
35) Caprolactam	8.610	113	47242m	51.677	ng	
36) 4-Chloro-3-methylphenol	8.722	107	175357	54.494	ng	98
37) 2-Methylnaphthalene	8.881	142	363988	53.235	ng	100
38) 1-Methylnaphthalene	8.981	142	332378	49.427	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	175910	56.625	ng	99
41) Hexachlorocyclopentadiene	9.034	237	146013	146.249	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	114597	56.379	ng	100

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

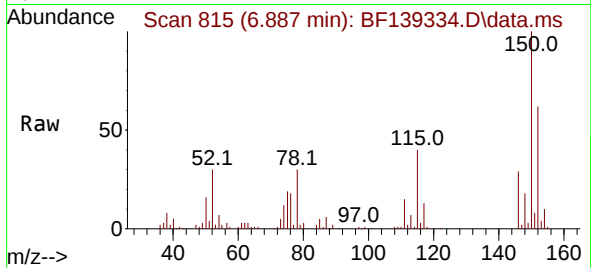
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	117006	54.932	ng	95
46) 1,1'-Biphenyl	9.345	154	452705	55.647	ng	99
47) 2-Chloronaphthalene	9.369	162	325083	52.921	ng	98
48) 2-Nitroaniline	9.463	65	119232	56.352	ng	94
49) Acenaphthylene	9.786	152	522499	56.474	ng	100
50) Dimethylphthalate	9.645	163	406196	61.035	ng	100
51) 2,6-Dinitrotoluene	9.710	165	82708	54.781	ng	98
52) Acenaphthene	9.957	154	371417	60.526	ng	99
53) 3-Nitroaniline	9.875	138	44678	27.775	ng	93
54) 2,4-Dinitrophenol	9.981	184	82657	102.189	ng	# 74
55) Dibenzofuran	10.128	168	473265	53.793	ng	95
56) 4-Nitrophenol	10.034	139	116144	97.823	ng	84
57) 2,4-Dinitrotoluene	10.110	165	103657	53.942	ng	93
58) Fluorene	10.475	166	360456	52.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	91113m	54.342	ng	
60) Diethylphthalate	10.345	149	403591	61.623	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	186465	56.684	ng	96
62) 4-Nitroaniline	10.486	138	67016	43.767	ng	# 83
63) Azobenzene	10.622	77	394472	57.147	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	47489	62.295	ng	100
66) n-Nitrosodiphenylamine	10.581	169	303763	63.252	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	100246	62.625	ng	94
68) Hexachlorobenzene	11.016	284	104880	57.234	ng	97
69) Atrazine	11.110	200	93499	84.387	ng	97
70) Pentachlorophenol	11.210	266	125935	118.972	ng	99
71) Phenanthrene	11.433	178	446263	57.901	ng	100
72) Anthracene	11.486	178	452831	60.145	ng	99
73) Carbazole	11.639	167	382135	54.305	ng	99
74) Di-n-butylphthalate	11.969	149	491960	68.280	ng	99
75) Fluoranthene	12.622	202	545666	70.619	ng	98
77) Benzidine	12.739	184	102512	49.043	ng	99
78) Pyrene	12.851	202	496270	49.488	ng	100
80) Butylbenzylphthalate	13.469	149	176767	74.878	ng	98
81) Benzo(a)anthracene	14.033	228	408986	61.699	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	71844	40.811	ng	99
83) Chrysene	14.074	228	359372	58.088	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	259076	93.500	ng	100
85) Di-n-octyl phthalate	14.639	149	389721	73.464	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	231800	47.368	ng	# 94
88) Benzo(b)fluoranthene	15.086	252	301348	66.800	ng	98
89) Benzo(k)fluoranthene	15.116	252	245883	60.789	ng	98
90) Benzo(a)pyrene	15.457	252	241531m	63.053	ng	
91) Dibenzo(a,h)anthracene	17.015	278	191567	47.503	ng	97
92) Benzo(g,h,i)perylene	17.445	276	171264	41.142	ng	# 93

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

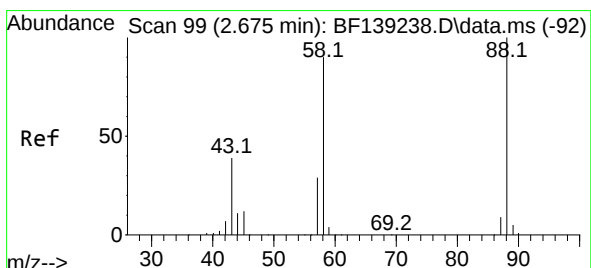
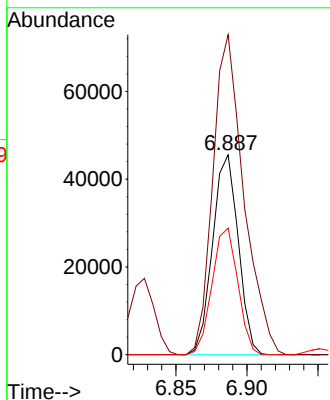
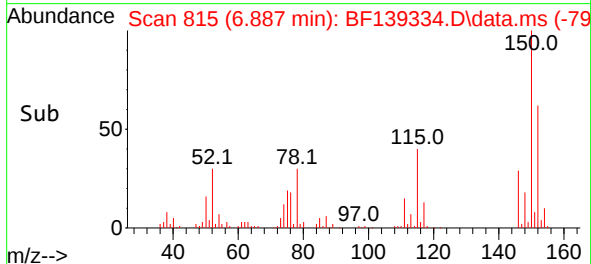
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



Tgt Ion:152 Resp: 5724
Ion Ratio Lower Upper
152 100
150 160.1 127.0 190.4
115 63.3 46.9 70.3

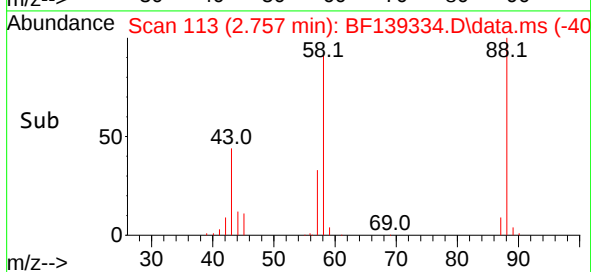
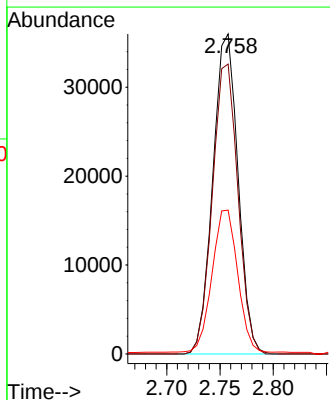
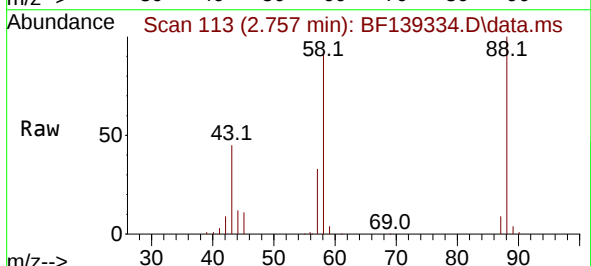
Manual Integrations
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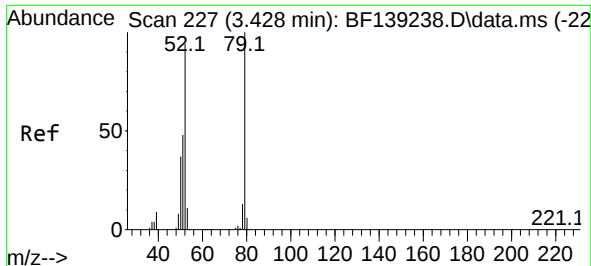
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#2
1,4-Dioxane
Concen: 37.099 ng
RT: 2.757 min Scan# 113
Delta R.T. 0.082 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion: 88 Resp: 59121
Ion Ratio Lower Upper
88 100
58 91.8 72.5 108.7
43 48.6 31.4 47.2#





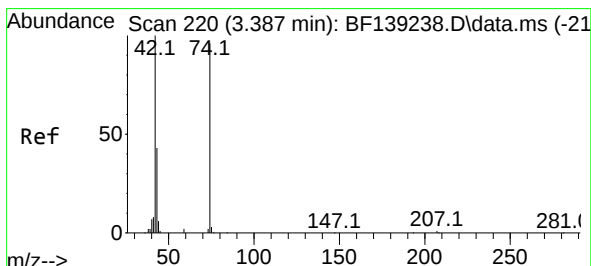
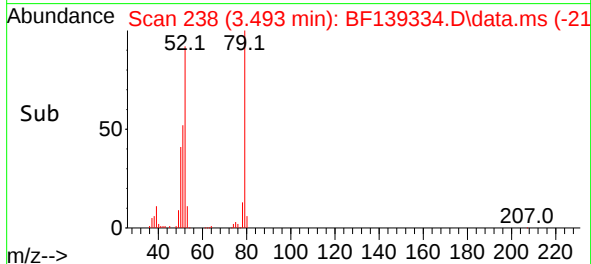
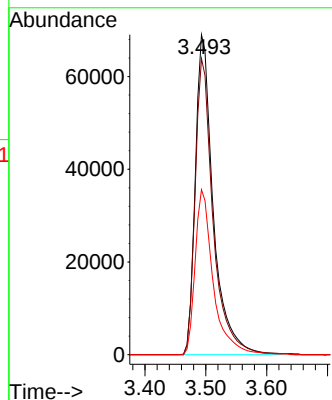
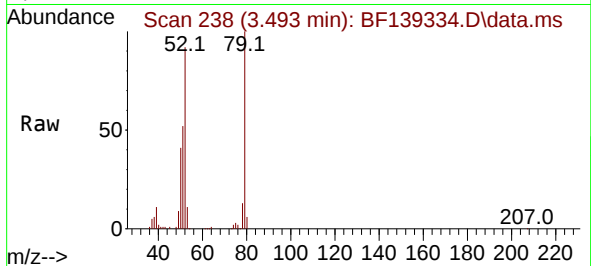
#3
Pyridine
Concen: 36.844 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :
BNA_F
ClientSampleId :
72-11930MSD

Tgt Ion: 79 Resp: 14173
Ion Ratio Lower Upper
79 100
52 92.5 75.3 112.9
51 51.6 38.2 57.2

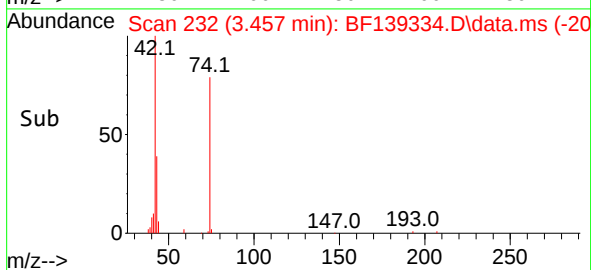
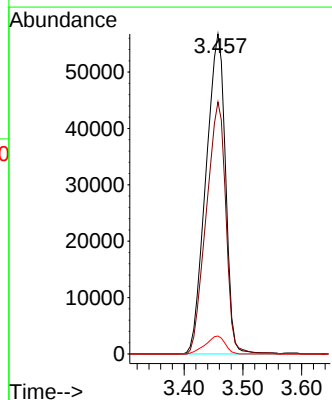
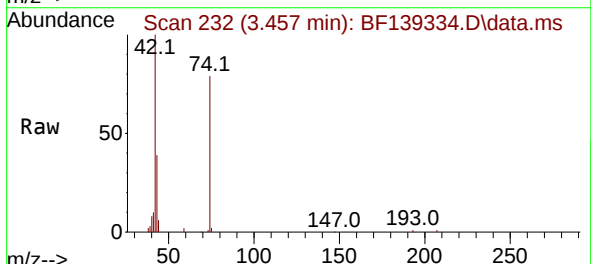
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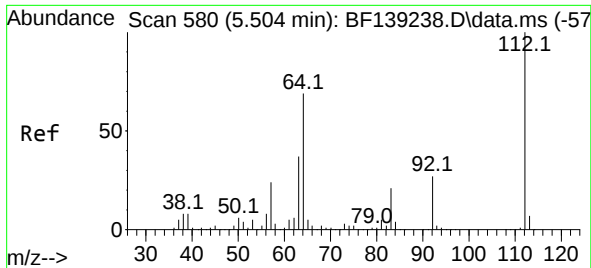
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#4
n-Nitrosodimethylamine
Concen: 52.561 ng
RT: 3.457 min Scan# 232
Delta R.T. 0.071 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion: 42 Resp: 131297
Ion Ratio Lower Upper
42 100
74 78.8 77.2 115.8
44 5.6 5.1 7.7





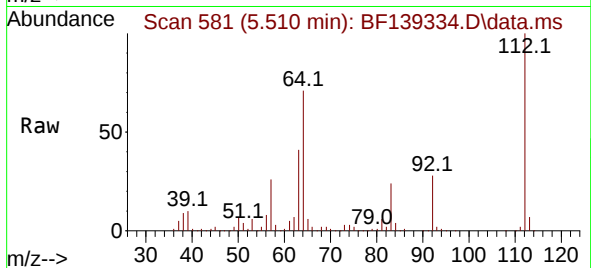
#5
2-Fluorophenol
Concen: 126.046 ng
RT: 5.510 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

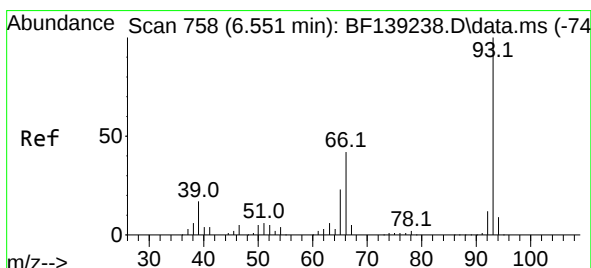
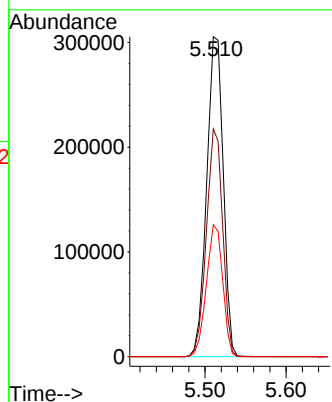
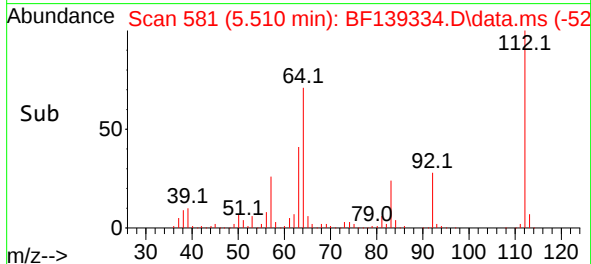


Tgt Ion:112 Resp: 431339
Ion Ratio Lower Upper
112 100
64 71.2 55.0 82.4
63 41.2 29.9 44.9

Manual Integrations

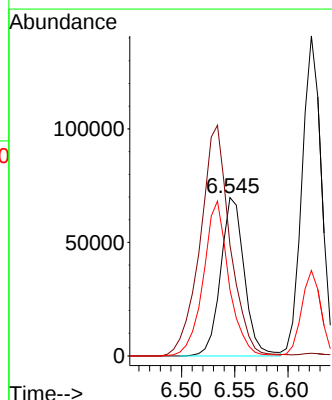
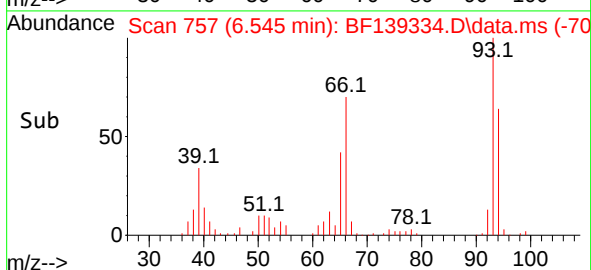
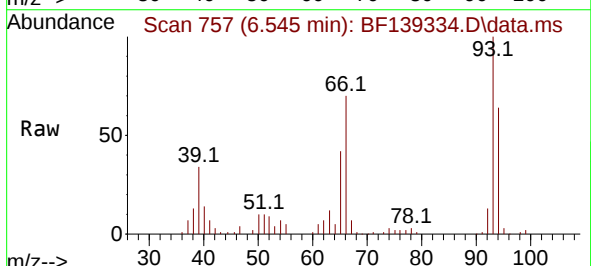
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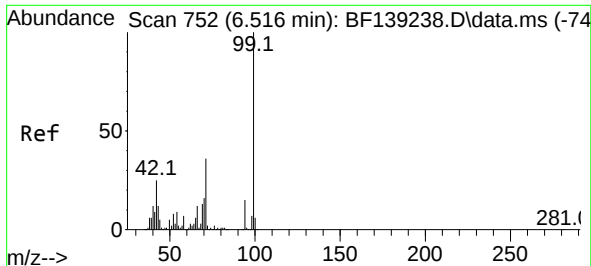
Reviewed By :Jagrut Upadhyay 09/12/2024
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#6
Aniline
Concen: 25.662 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

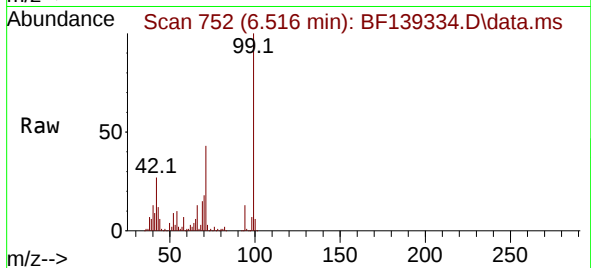
Tgt Ion: 93 Resp: 107805
Ion Ratio Lower Upper
93 100
66 70.0 34.4 51.6#
65 41.7 18.2 27.4#





#7
Phenol-d6
Concen: 123.636 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

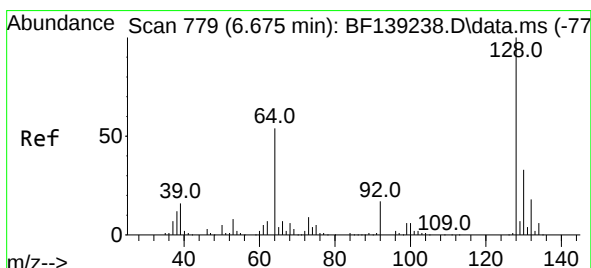
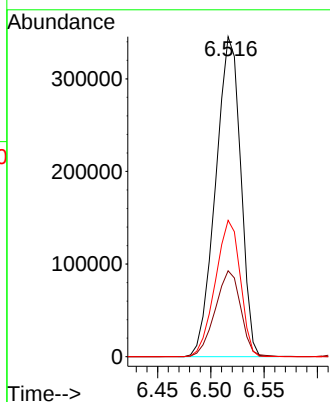
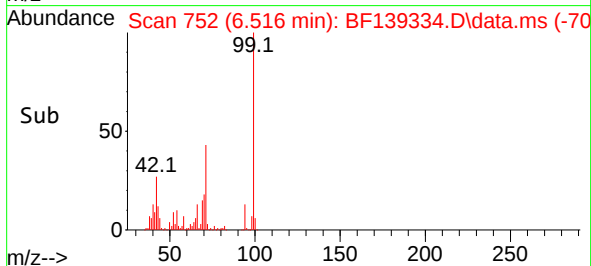
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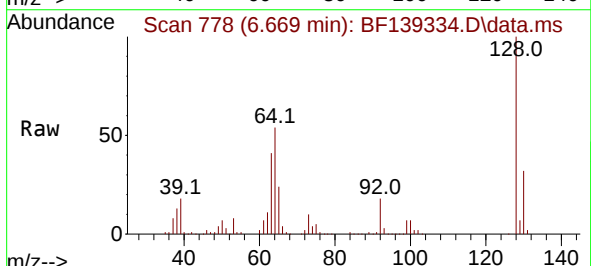
Tgt Ion: 99 Resp: 56482
Ion Ratio Lower Upper
99 100
42 26.9 19.8 29.6
71 42.6 28.8 43.2

Manual Integrations
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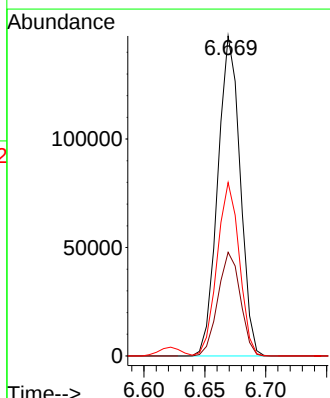
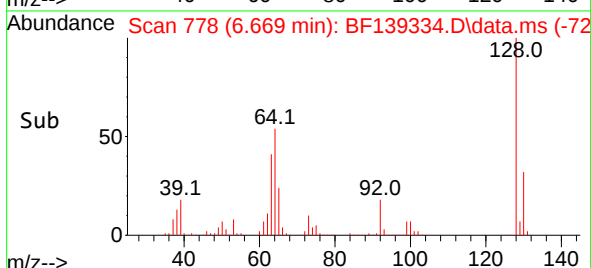
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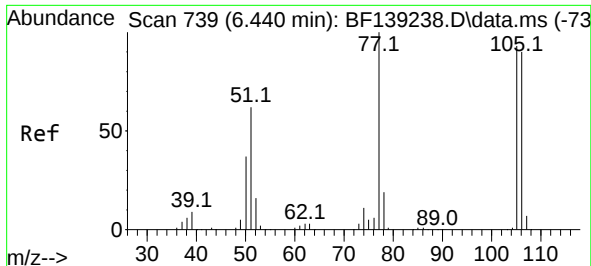


#8
2-Chlorophenol
Concen: 53.195 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07



Tgt Ion:128 Resp: 188661
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 54.2 36.6 76.6





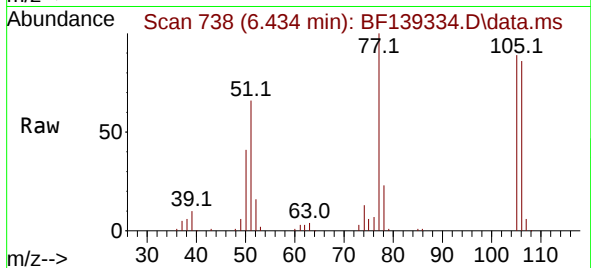
#9
Benzaldehyde
Concen: 15.577 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

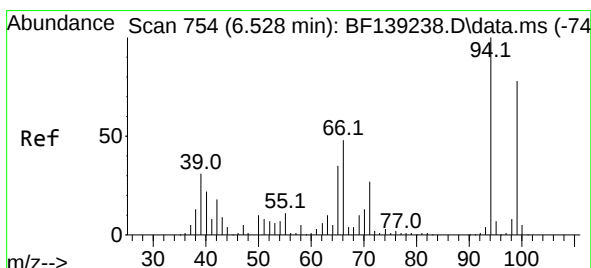
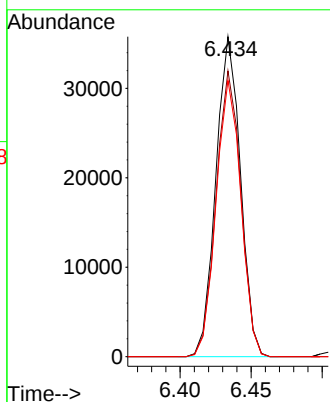
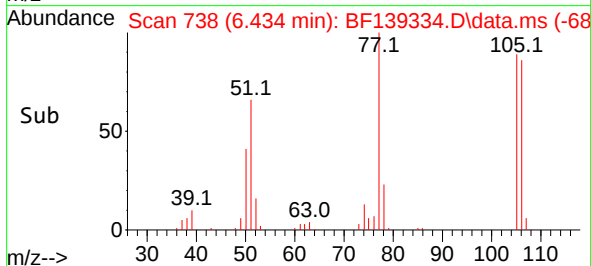


Tgt Ion: 77 Resp: 43070
Ion Ratio Lower Upper
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105 89.3 72.9 112.9
106 86.3 69.6 109.6

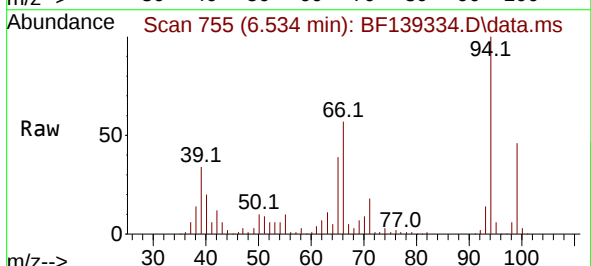
Manual Integrations

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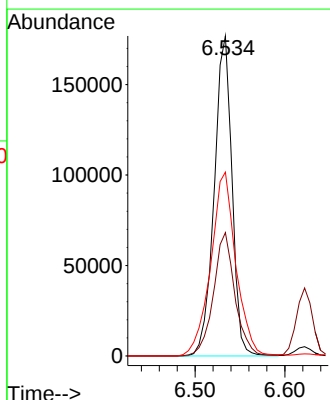
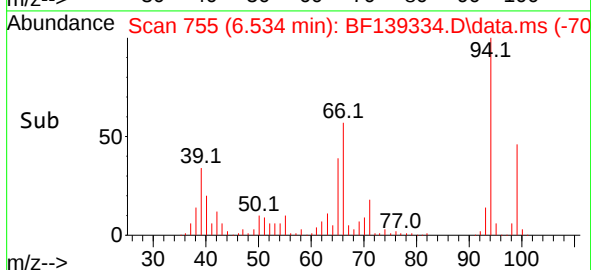
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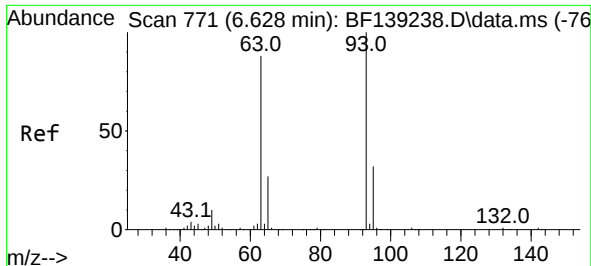


#10
Phenol
Concen: 50.468 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07



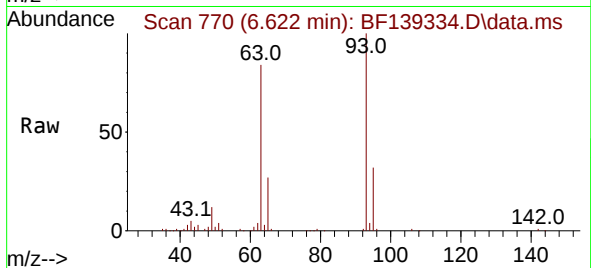
Tgt Ion: 94 Resp: 243191
Ion Ratio Lower Upper
94 100
65 38.6 14.7 54.7
66 57.4 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 51.220 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

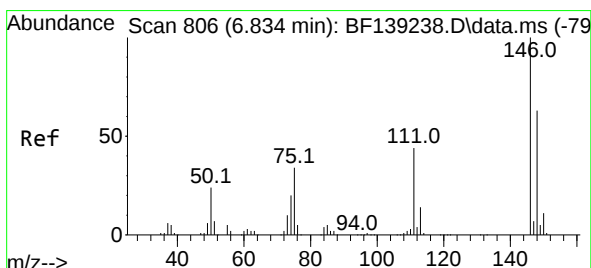
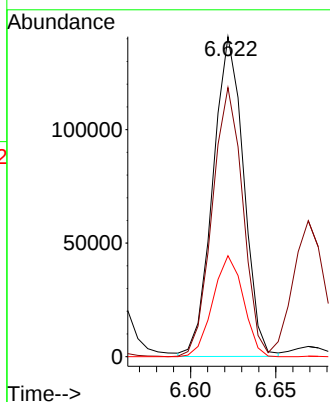
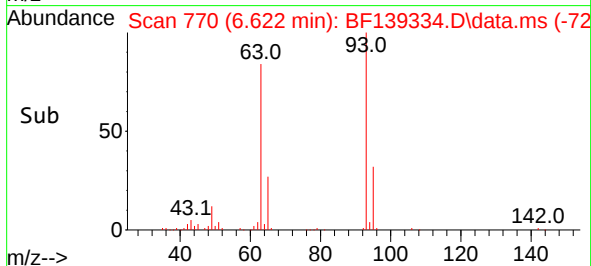
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



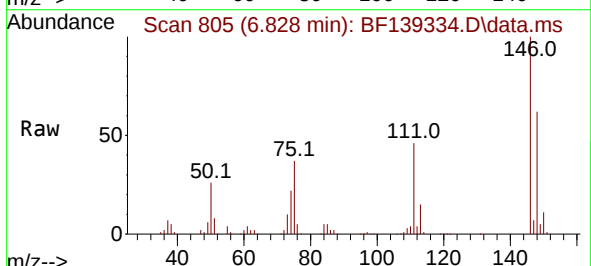
Tgt Ion: 93 Resp: 176824
Ion Ratio Lower Upper
93 100
63 84.1 67.1 107.1
95 31.6 12.2 52.2

Manual Integrations
APPROVED

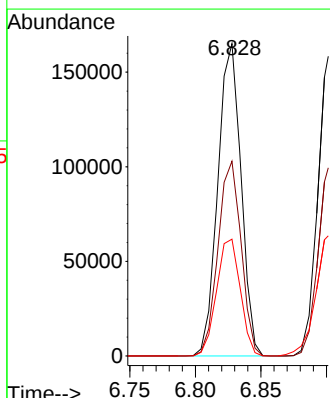
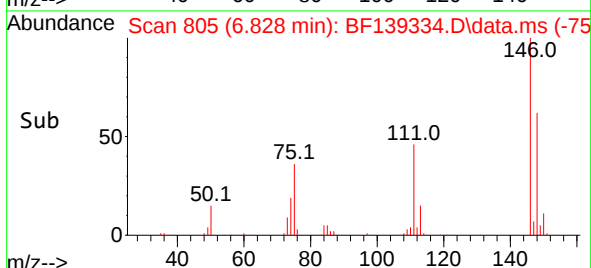
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

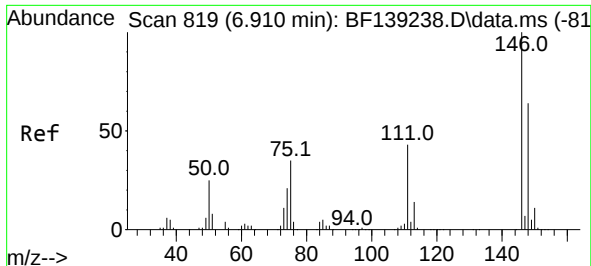


#12
1,3-Dichlorobenzene
Concen: 50.484 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07



Tgt Ion:146 Resp: 202658
Ion Ratio Lower Upper
146 100
148 62.3 50.8 76.2
75 37.4 27.3 40.9





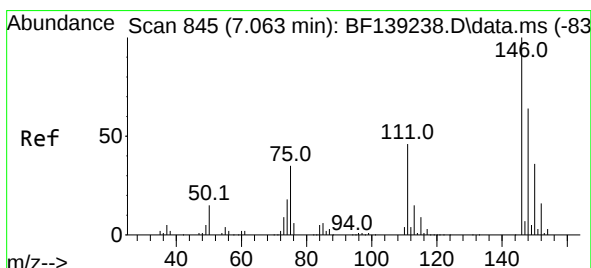
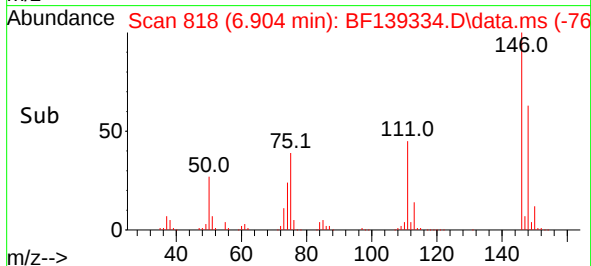
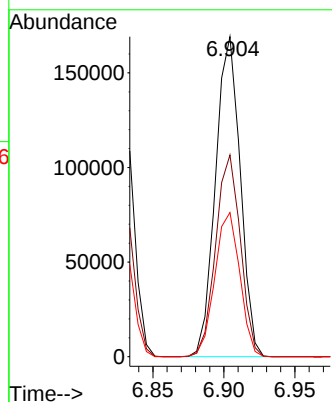
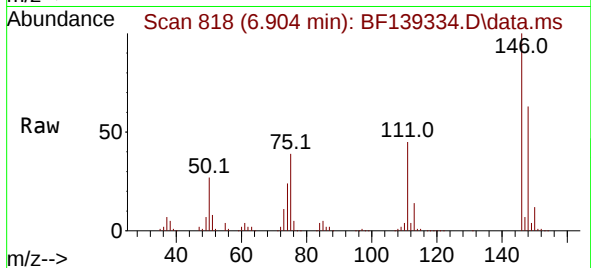
#13
1,4-Dichlorobenzene
Concen: 51.034 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :
BNA_F
ClientSampleId :
72-11930MSD

Tgt Ion:146 Resp: 20505
Ion Ratio Lower Upper
146 100
148 63.0 51.2 76.8
111 45.1 34.6 51.8

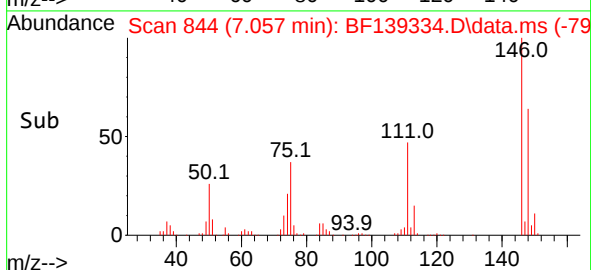
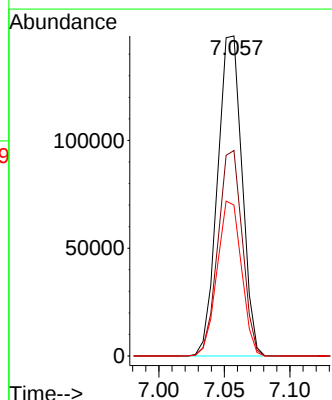
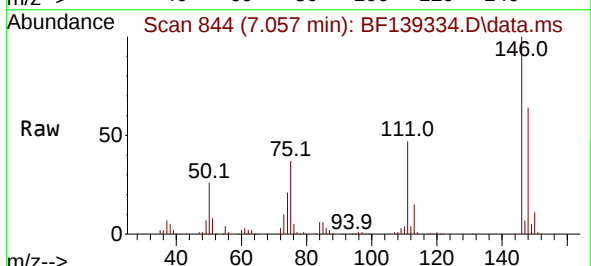
Manual Integrations
APPROVED

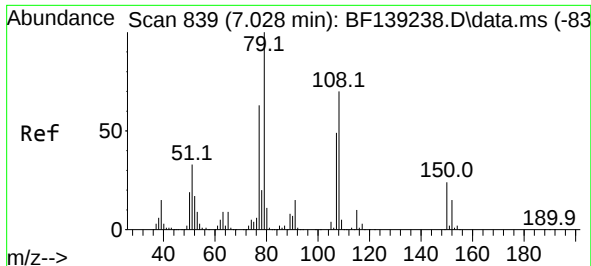
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#14
1,2-Dichlorobenzene
Concen: 51.511 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

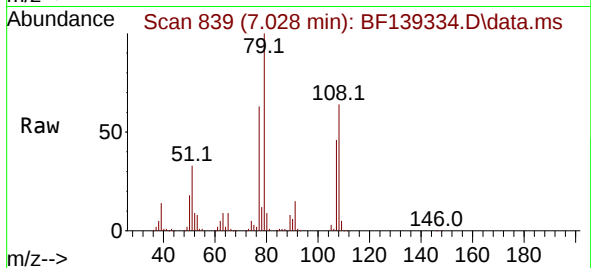
Tgt Ion:146 Resp: 193031
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 47.1 36.6 55.0





#15
Benzyl Alcohol
Concen: 58.633 ng
RT: 7.028 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

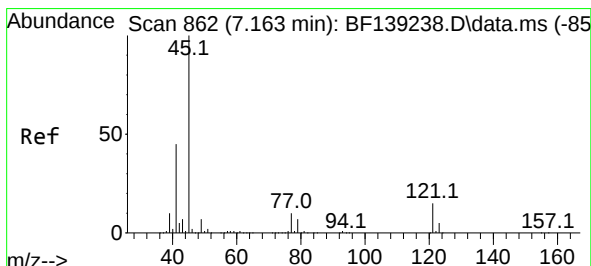
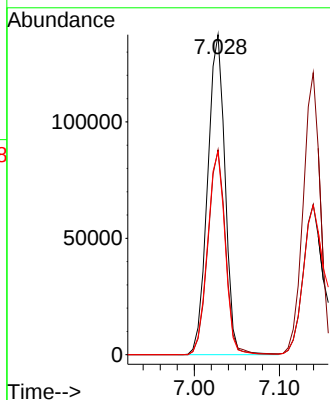
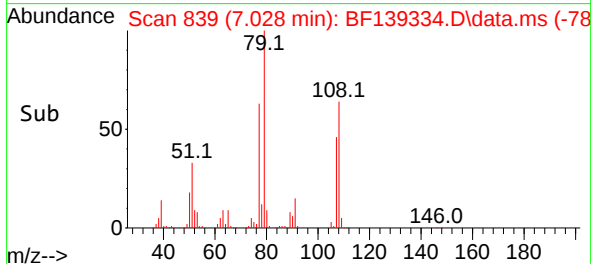
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



Tgt Ion: 79 Resp: 19534
Ion Ratio Lower Upper
79 100
108 64.0 56.1 84.1
77 63.4 50.6 76.0

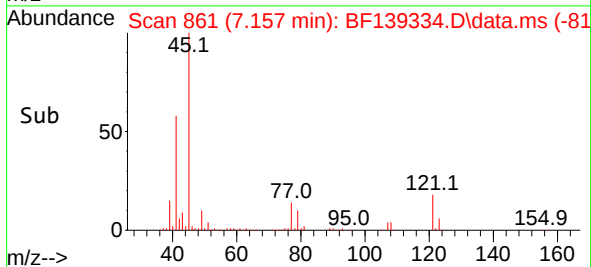
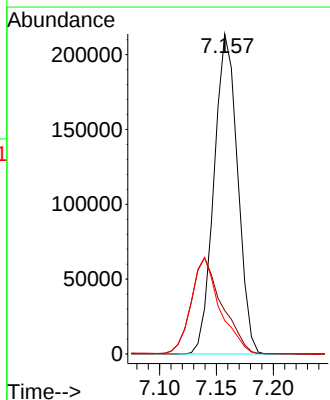
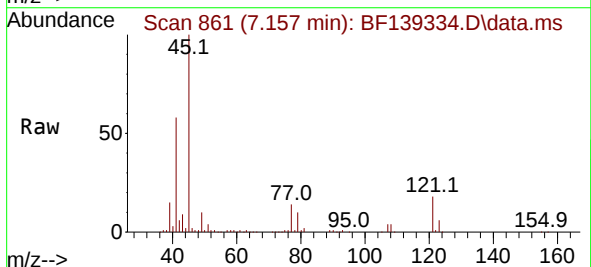
Manual Integrations
APPROVED

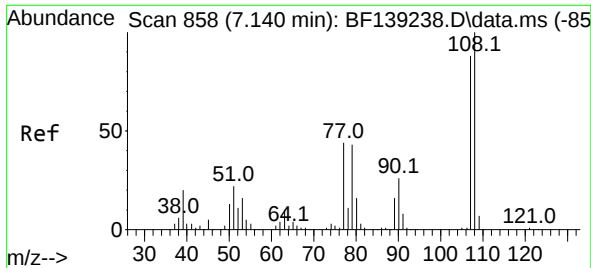
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.942 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion: 45 Resp: 308499
Ion Ratio Lower Upper
45 100
77 13.6 0.0 30.0
79 10.4 0.0 27.6





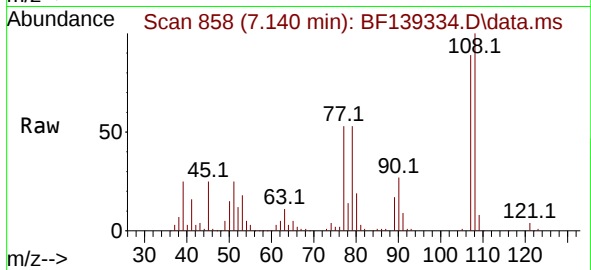
#17
2-Methylphenol
Concen: 51.669 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

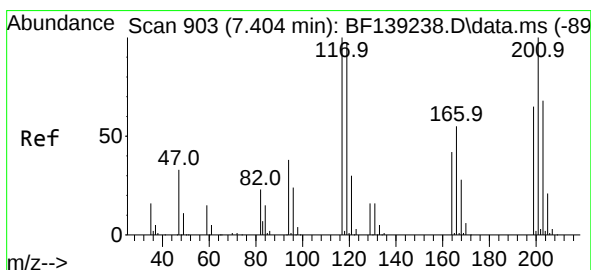
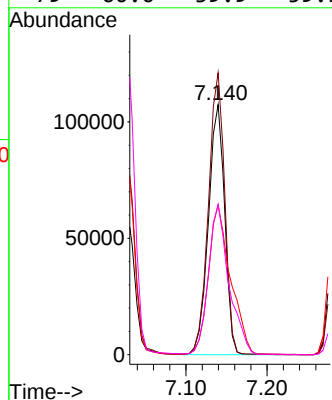


Tgt Ion:107 Resp: 149680
Ion Ratio Lower Upper
107 100
108 112.7 91.4 137.2
77 59.9 40.1 60.1
79 60.0 39.9 59.9#

Manual Integrations

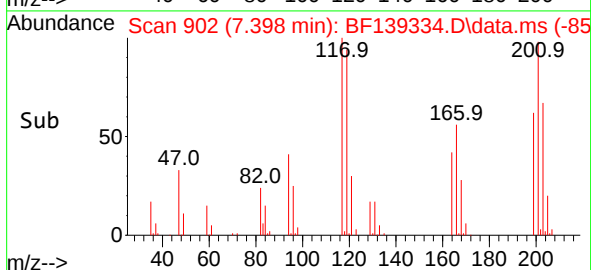
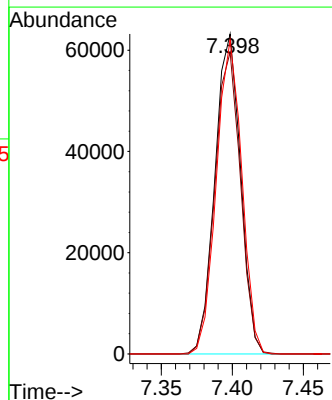
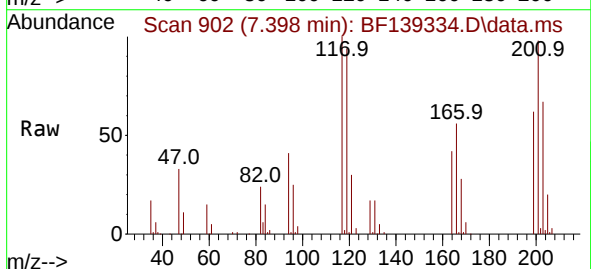
APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#18
Hexachloroethane
Concen: 55.184 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

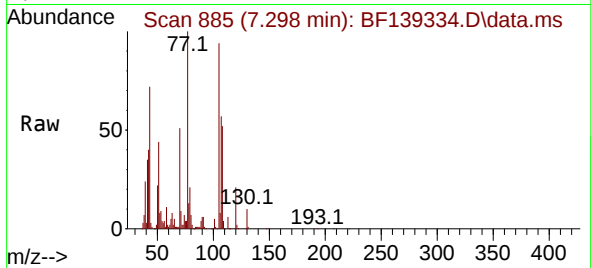
Tgt Ion:117 Resp: 79192
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.2
201 98.2 80.0 120.0





#19
n-Nitroso-di-n-propylamine
Concen: 57.748 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

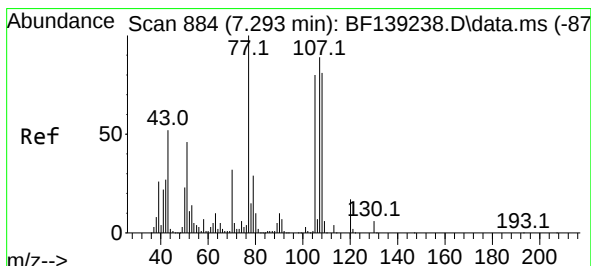
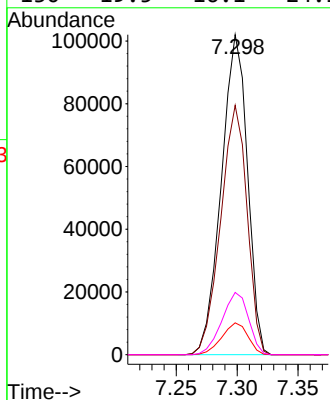
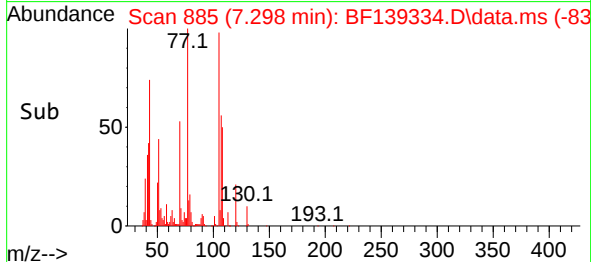
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



Tgt Ion: 70 Resp: 15194
Ion Ratio Lower Upper
70 100
42 77.9 61.0 91.6
101 10.0 7.2 10.8
130 19.5 16.1 24.1

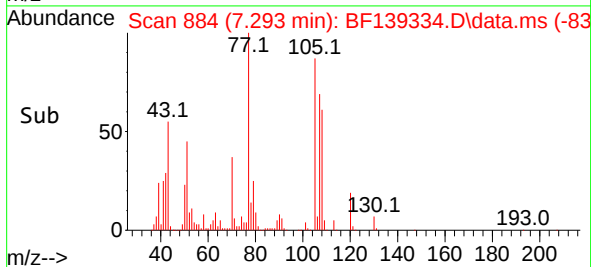
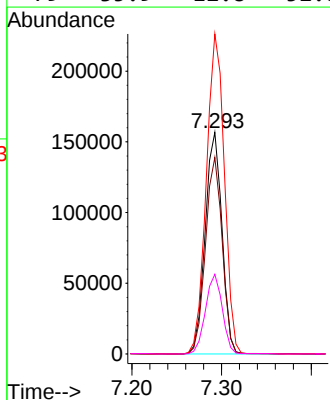
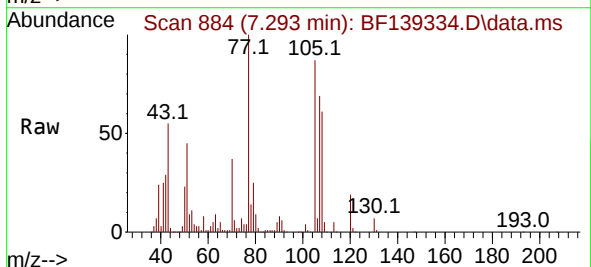
Manual Integrations
APPROVED

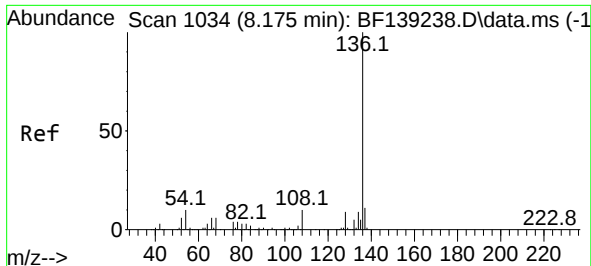
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#20
3+4-Methylphenols
Concen: 55.855 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:107 Resp: 203935
Ion Ratio Lower Upper
107 100
108 88.7 70.4 110.4
77 144.4 92.2 132.2#
79 35.9 12.8 52.8





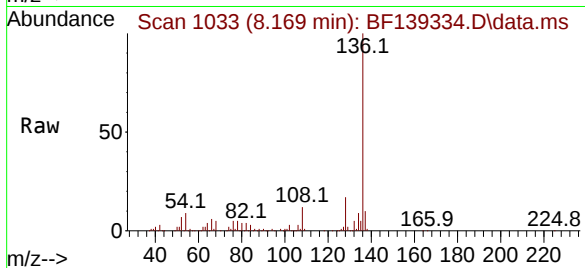
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

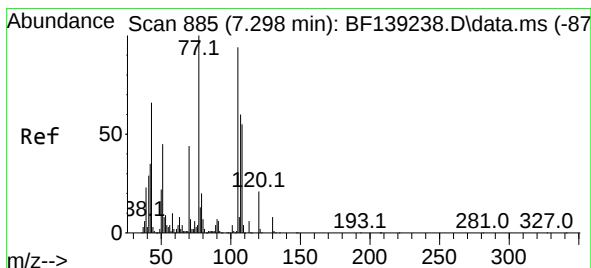
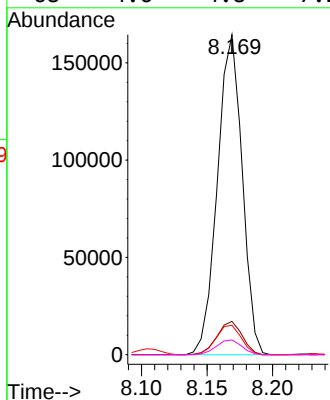
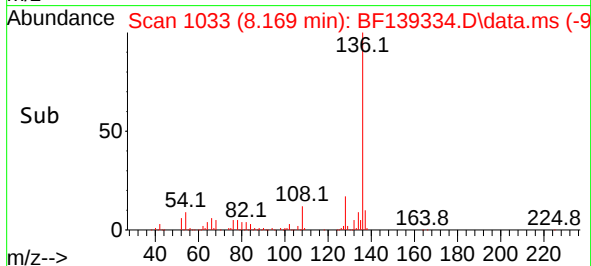


Tgt Ion:136 Resp: 21580
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 9.2 8.4 12.6
68 4.6 4.8 7.2#

Manual Integrations

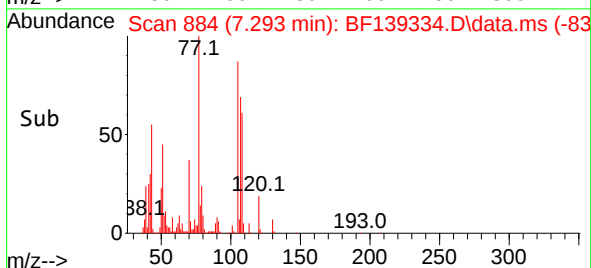
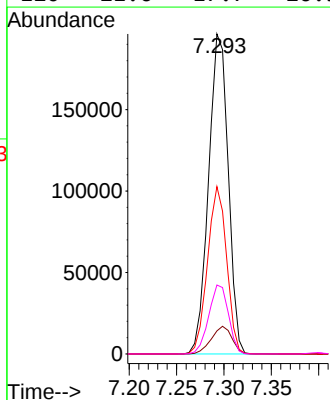
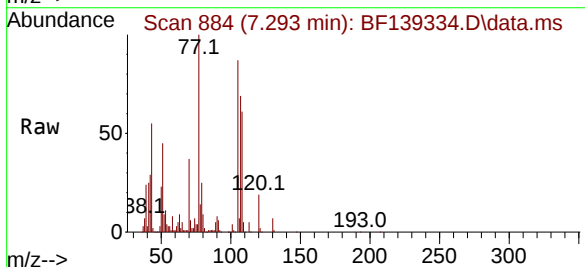
APPROVED

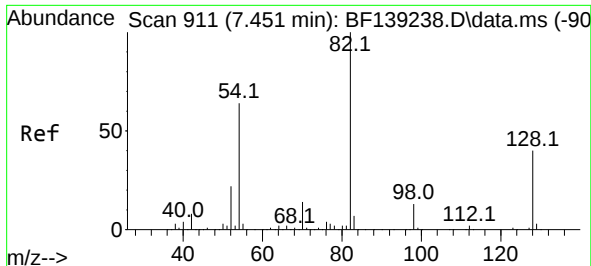
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#22
Acetophenone
Concen: 54.974 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:105 Resp: 282630
Ion Ratio Lower Upper
105 100
71 7.2 6.2 9.2
51 52.3 38.2 57.2
120 21.6 17.7 26.5





#23

Nitrobenzene-d5

Concen: 92.521 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

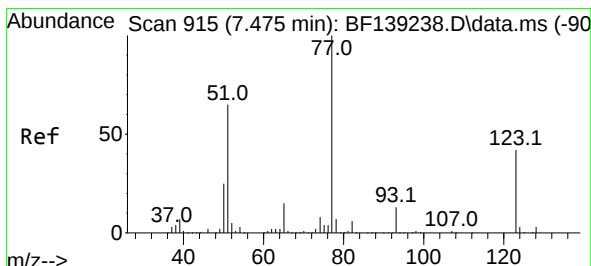
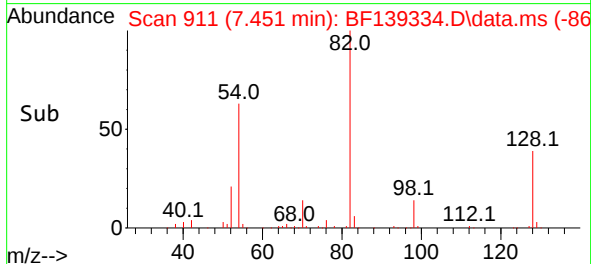
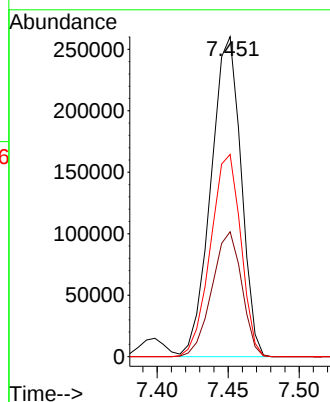
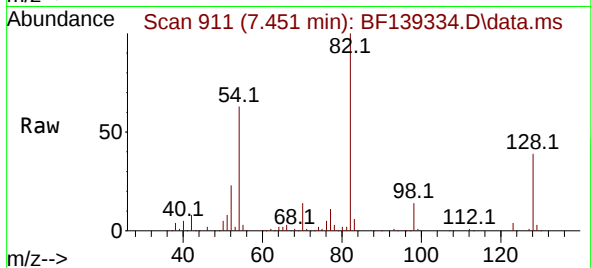
Tgt Ion: 82 Resp: 383799

Ion	Ratio	Lower	Upper
82	100		
128	39.0	32.3	48.5
54	63.2	51.2	76.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#24

Nitrobenzene

Concen: 51.273 ng

RT: 7.469 min Scan# 914

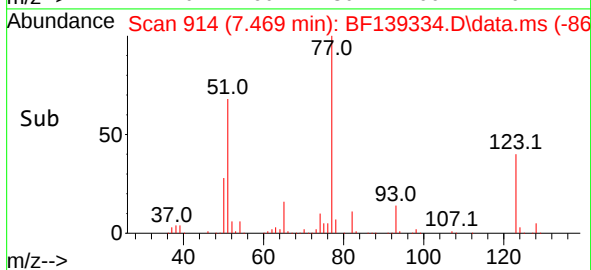
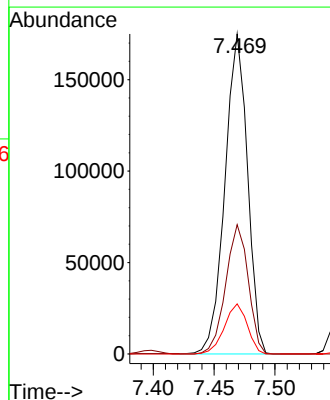
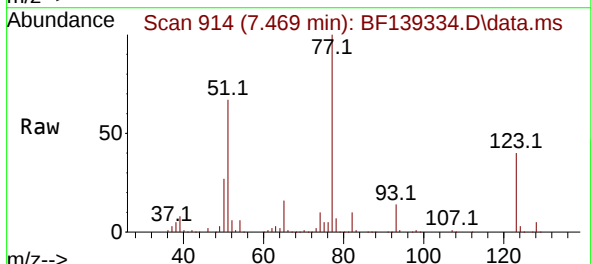
Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Tgt Ion: 77 Resp: 225748

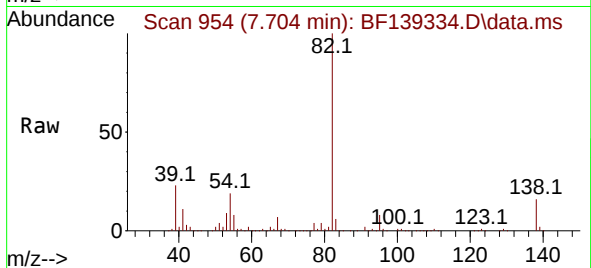
Ion	Ratio	Lower	Upper
77	100		
123	40.4	34.0	51.0
65	15.7	12.1	18.1





#25
Isophorone
Concen: 54.905 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

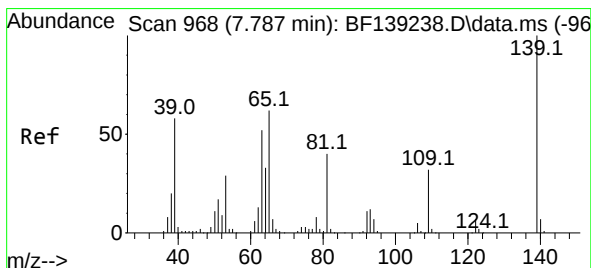
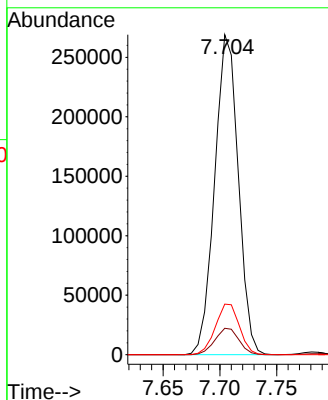
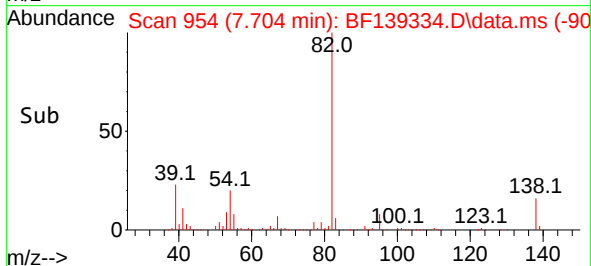
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



Tgt Ion: 82 Resp: 389392
Ion Ratio Lower Upper
82 100
95 8.3 6.0 9.0
138 15.8 13.4 20.0

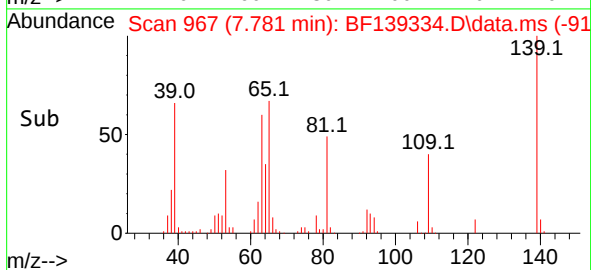
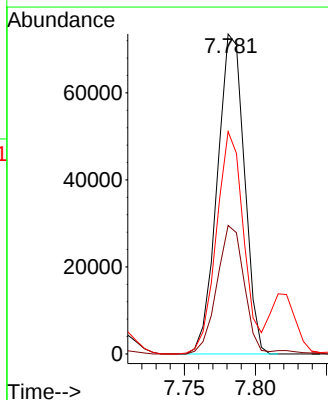
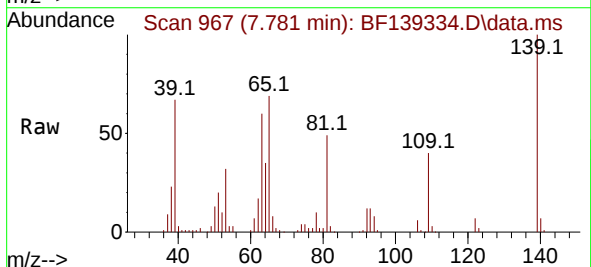
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#26
2-Nitrophenol
Concen: 56.445 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:139 Resp: 97609
Ion Ratio Lower Upper
139 100
109 40.2 25.4 38.2#
65 69.5 49.4 74.2





#27

2,4-Dimethylphenol

Concen: 61.799 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139334.D

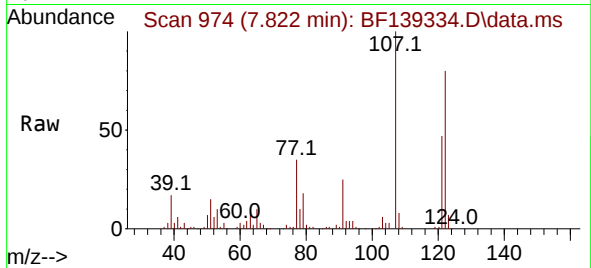
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

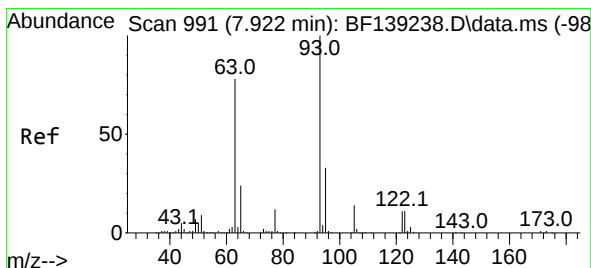
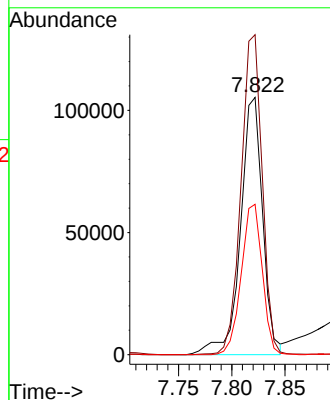


Tgt Ion:	122	Resp:	15241
Ion Ratio	Lower	Upper	
122	100		
107	124.3	93.4	140.2
121	58.5	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#28

bis(2-Chloroethoxy)methane

Concen: 51.966 ng

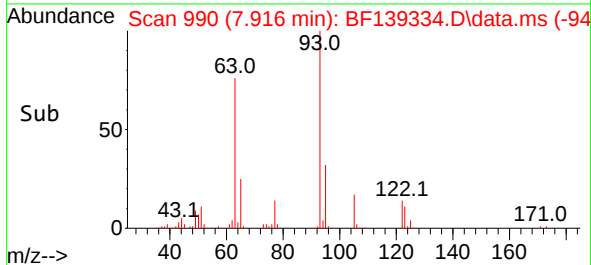
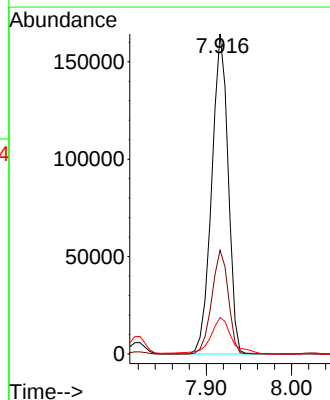
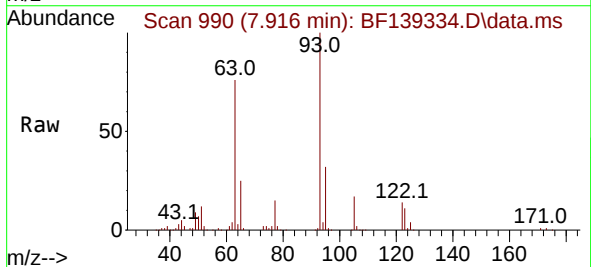
RT: 7.916 min Scan# 990

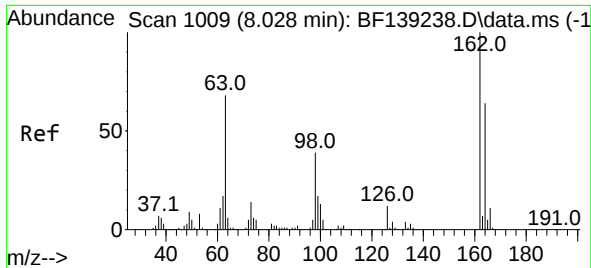
Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Tgt Ion:	93	Resp:	219576
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.6	40.0
123	11.4	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 53.432 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

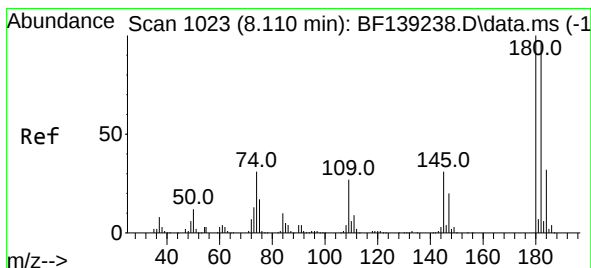
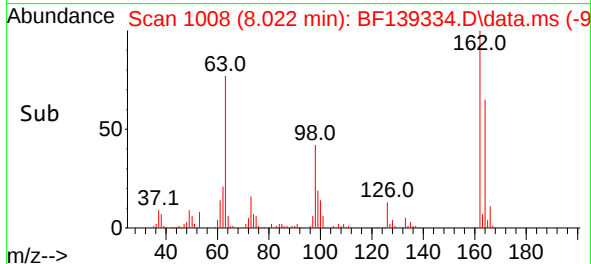
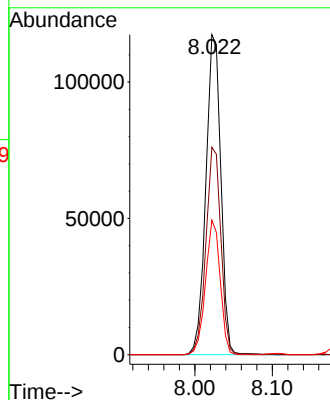
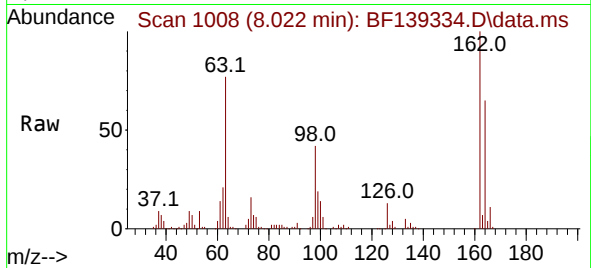
72-11930MSD

Tgt Ion:162 Resp: 157782
 Ion Ratio Lower Upper
 162 100
 164 64.8 43.6 83.6
 98 42.0 19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024



#30

1,2,4-Trichlorobenzene

Concen: 51.327 ng

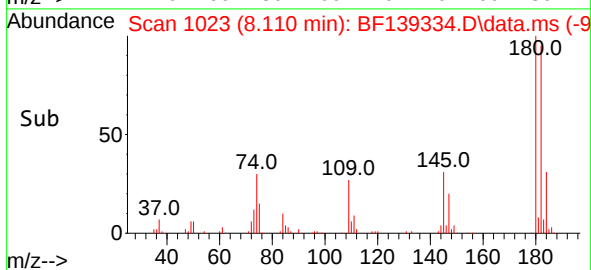
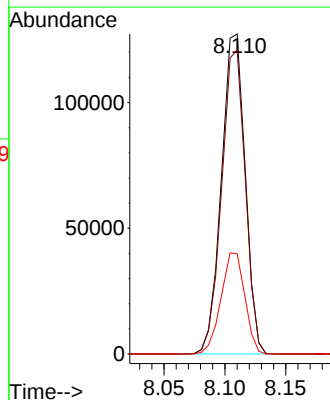
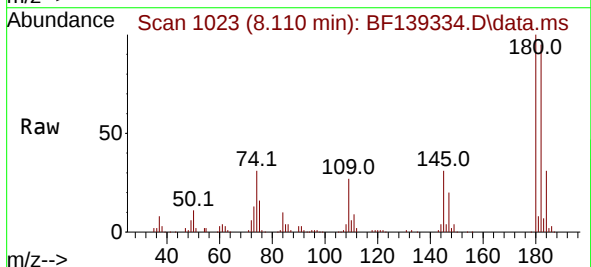
RT: 8.110 min Scan# 1023

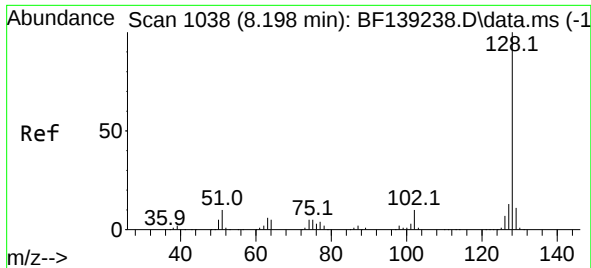
Delta R.T. -0.000 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Tgt Ion:180 Resp: 173105
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.5 114.7
 145 31.3 25.1 37.7





#31
Naphthalene
Concen: 51.147 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

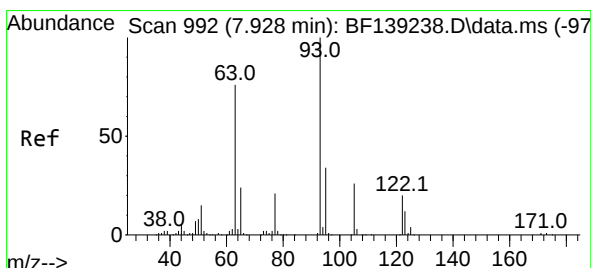
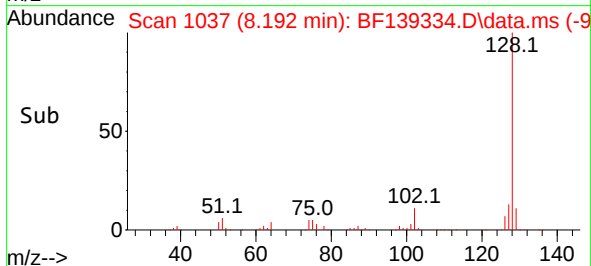
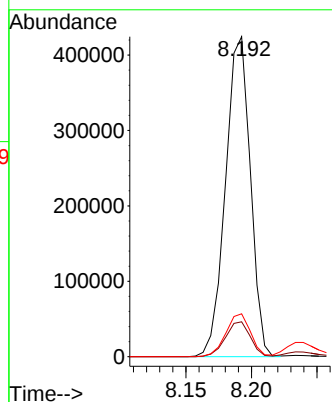
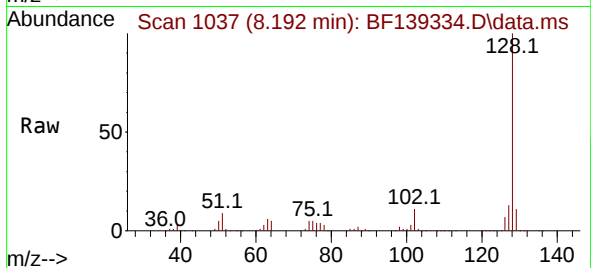
72-11930MSD

Tgt Ion:128 Resp: 55896
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.6 15.8

Manual Integrations

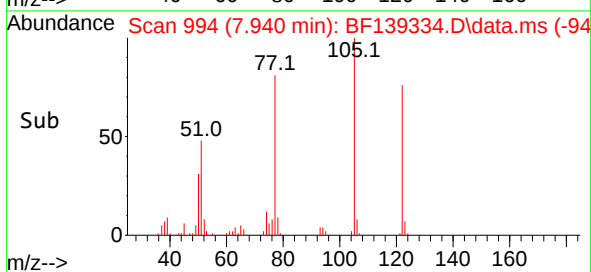
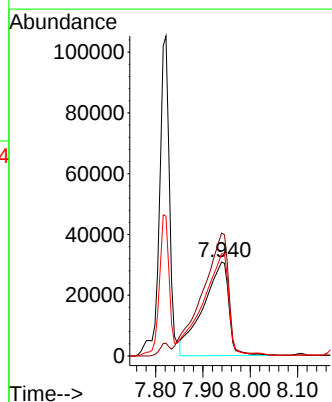
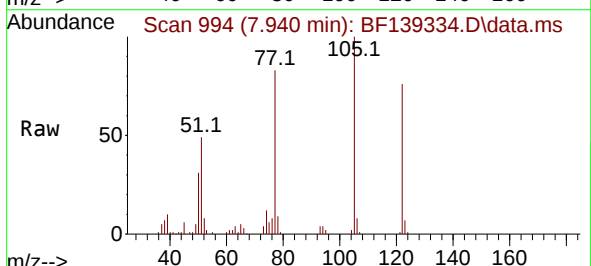
APPROVED

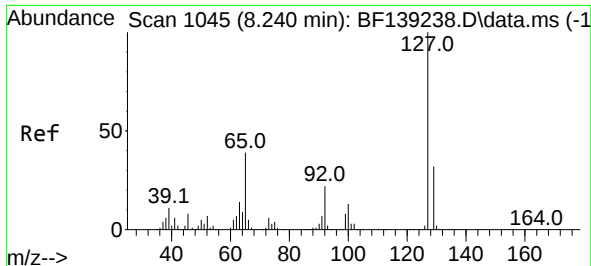
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#32
Benzoic acid
Concen: 51.748 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:122 Resp: 116249
Ion Ratio Lower Upper
122 100
105 130.9 106.3 146.3
77 108.8 84.1 124.1





#33
4-Chloroaniline
Concen: 9.168 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

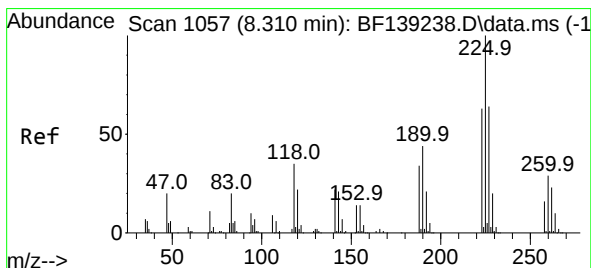
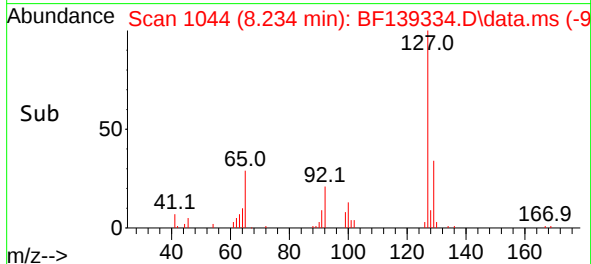
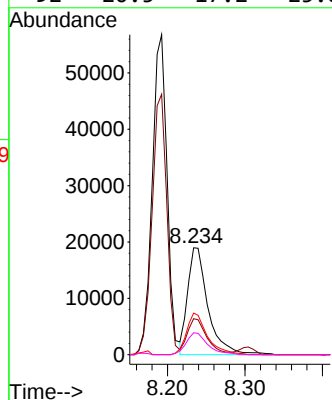
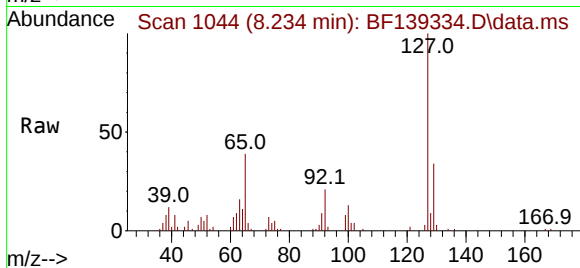
72-11930MSD

Tgt Ion:127 Resp: 3469
Ion Ratio Lower Upper
127 100
129 33.7 25.8 38.6
65 39.0 30.6 45.8
92 20.5 17.2 25.8

Manual Integrations

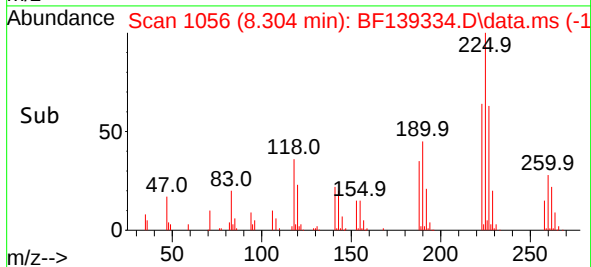
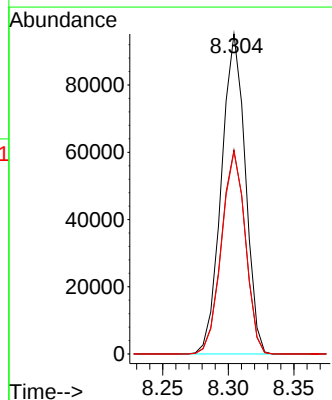
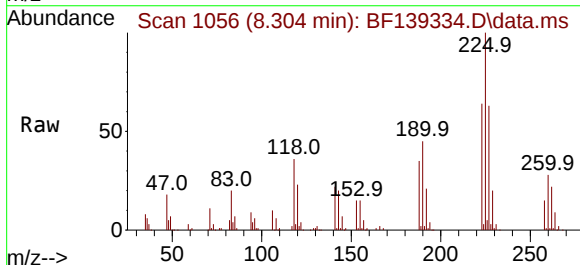
APPROVED

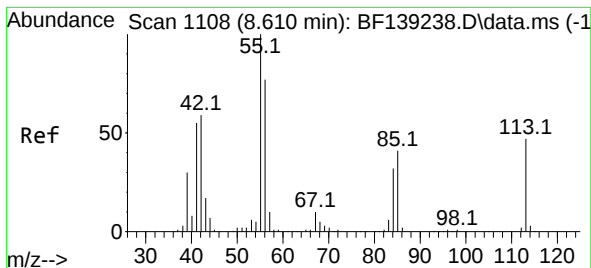
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#34
Hexachlorobutadiene
Concen: 56.342 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:225 Resp: 120406
Ion Ratio Lower Upper
225 100
223 63.7 50.7 76.1
227 63.2 51.5 77.3





#35

Caprolactam

Concen: 51.677 ng m

RT: 8.610 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion:113 Resp: 4724

Ion Ratio Lower Upper

113 100

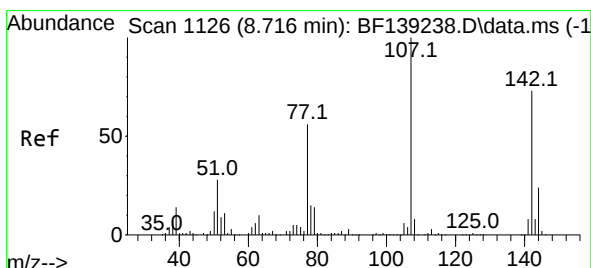
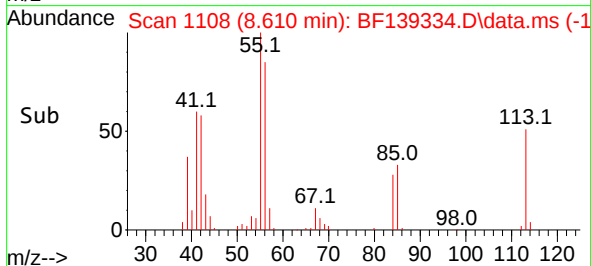
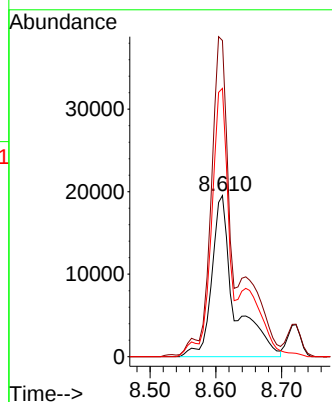
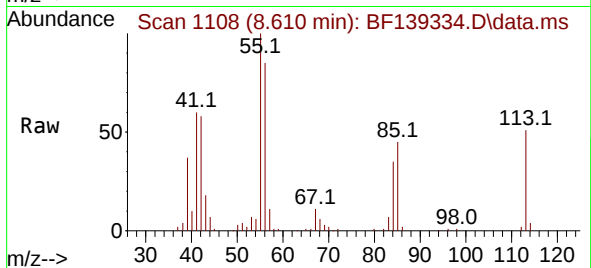
55 196.2 193.7 233.7

56 166.5 145.0 185.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#36

4-Chloro-3-methylphenol

Concen: 54.494 ng

RT: 8.722 min Scan# 1127

Delta R.T. 0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

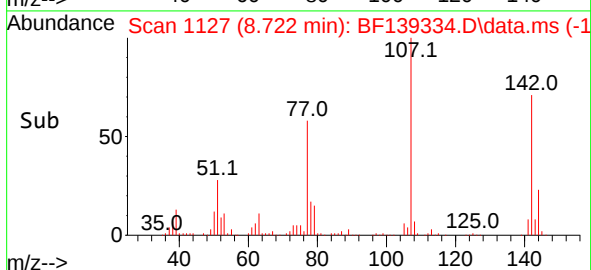
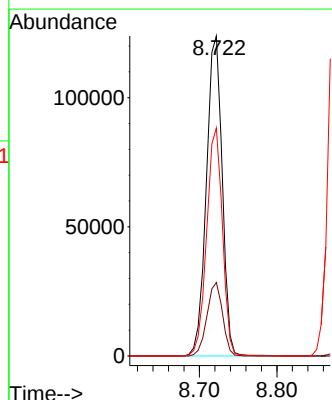
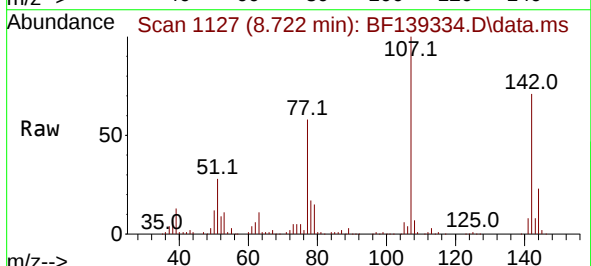
Tgt Ion:107 Resp: 175357

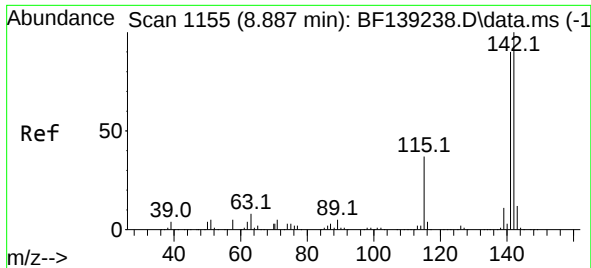
Ion Ratio Lower Upper

107 100

144 22.9 19.1 28.7

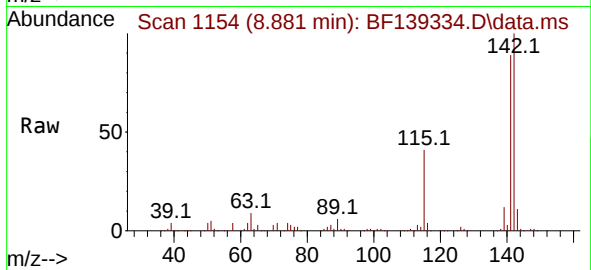
142 71.3 58.3 87.5





#37
2-Methylnaphthalene
Concen: 53.235 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

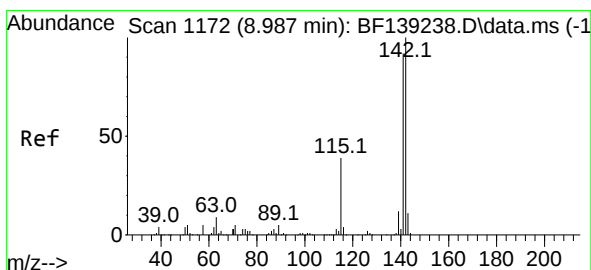
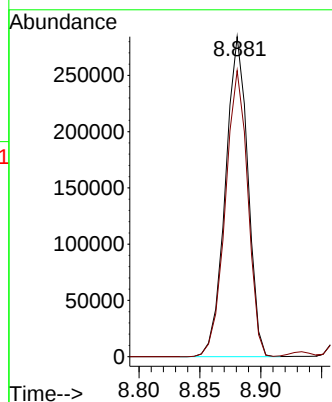
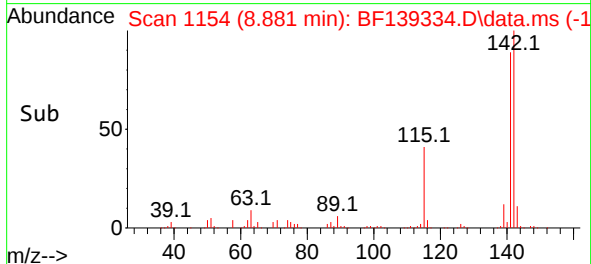
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



Tgt Ion:142 Resp: 363988
Ion Ratio Lower Upper
142 100
141 89.4 71.6 107.4

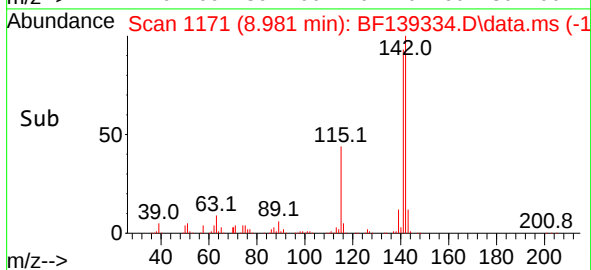
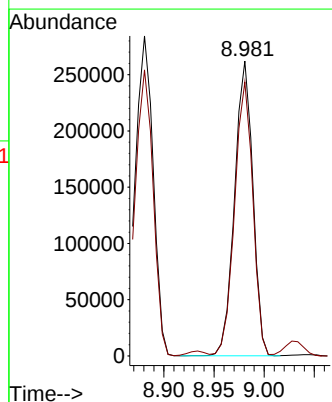
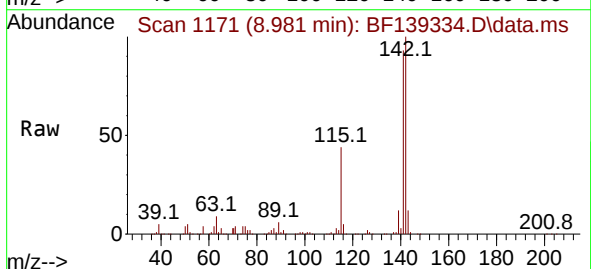
Manual Integrations
APPROVED

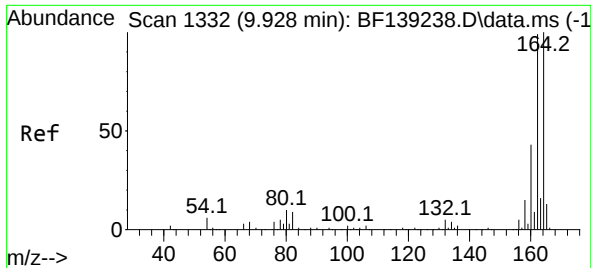
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#38
1-Methylnaphthalene
Concen: 49.427 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:142 Resp: 332378
Ion Ratio Lower Upper
142 100
141 92.9 73.5 110.3





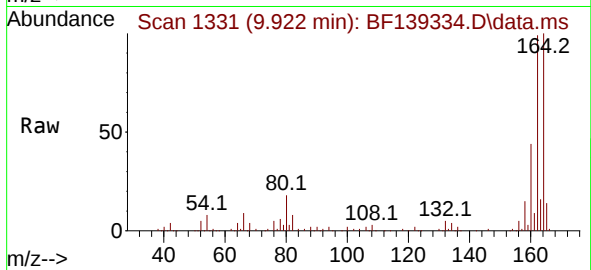
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

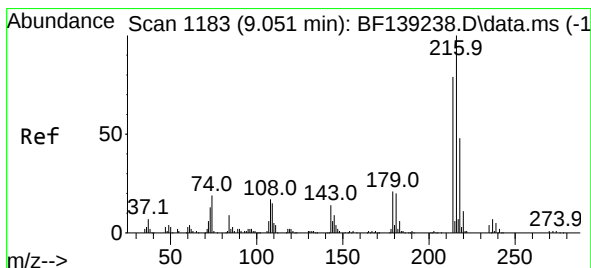
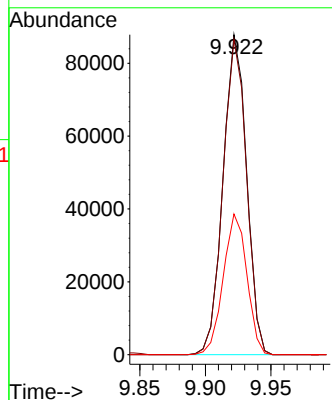
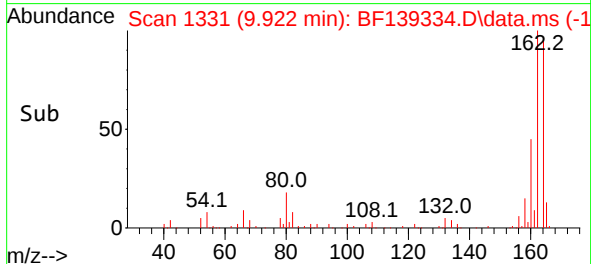


Tgt Ion:164 Resp: 109802
Ion Ratio Lower Upper
164 100
162 98.5 79.2 118.8
160 43.9 34.2 51.2

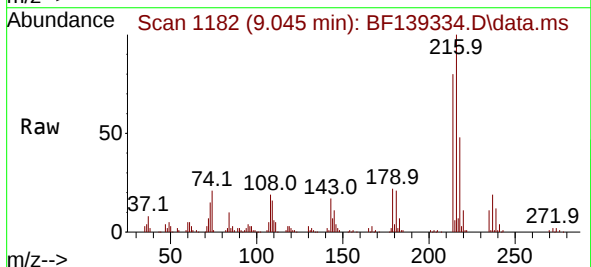
Manual Integrations

APPROVED

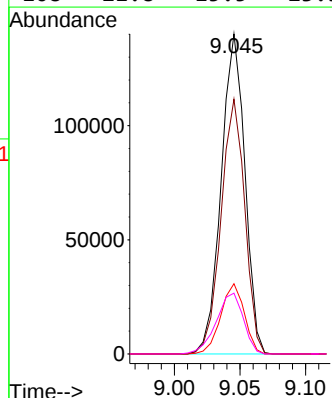
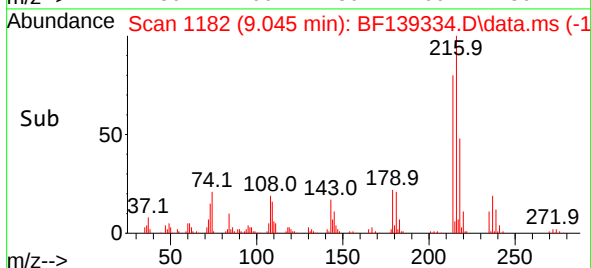
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

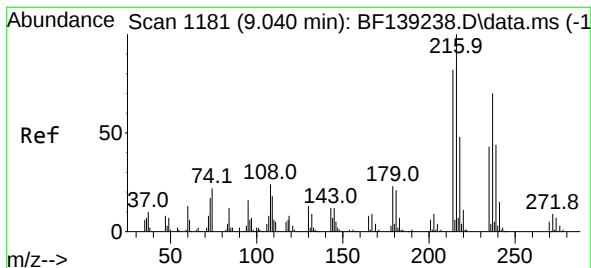


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.625 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07



Tgt Ion:216 Resp: 175910
Ion Ratio Lower Upper
216 100
214 79.6 63.8 95.8
179 21.9 16.9 25.3
108 21.8 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 146.249 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

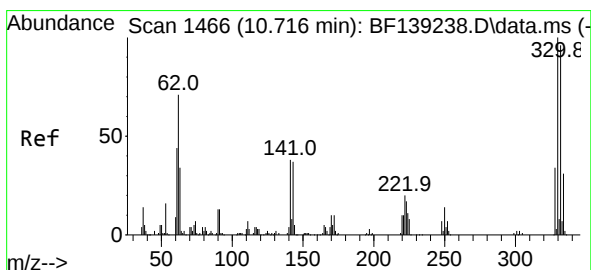
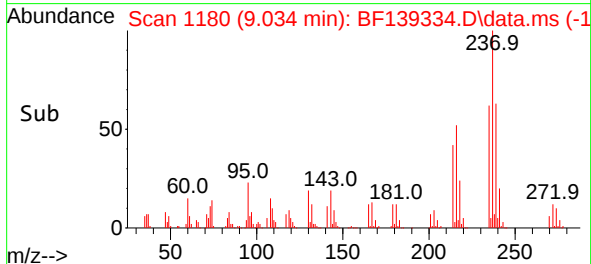
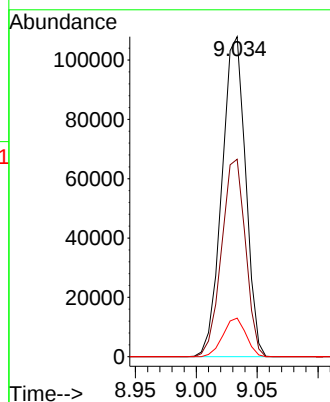
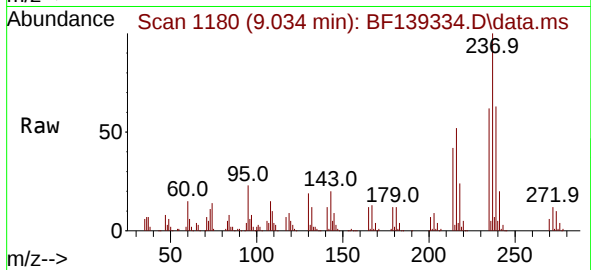
72-11930MSD

Tgt Ion:	237	Resp:	14601
Ion Ratio	Lower	Upper	
237	100		
235	61.7	41.4	81.4
272	12.1	0.0	32.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#42

2,4,6-Tribromophenol

Concen: 139.073 ng

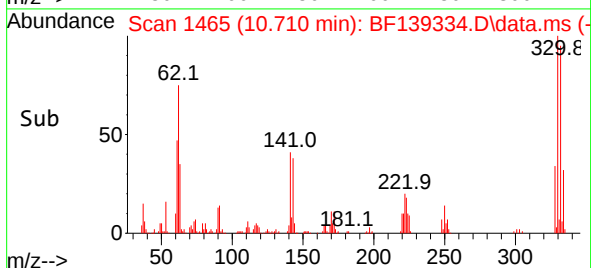
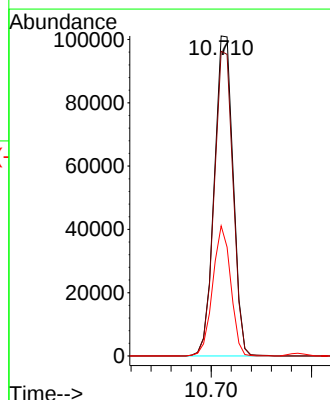
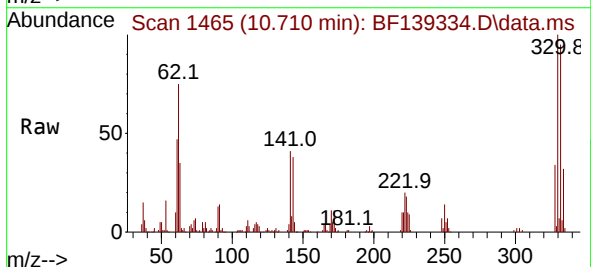
RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Tgt Ion:	330	Resp:	131863
Ion Ratio	Lower	Upper	
330	100		
332	95.3	76.6	115.0
141	38.9	30.1	45.1





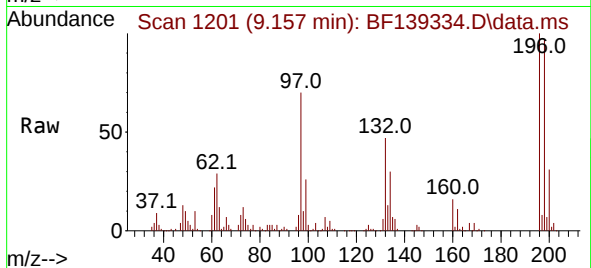
#43
2,4,6-Trichlorophenol
Concen: 56.379 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

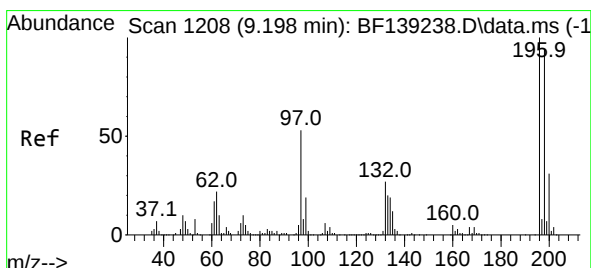
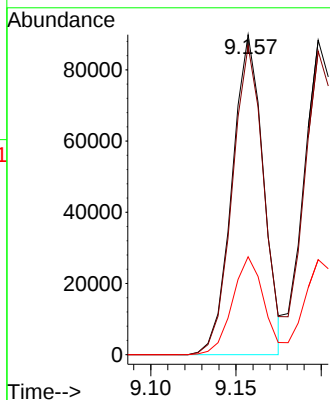
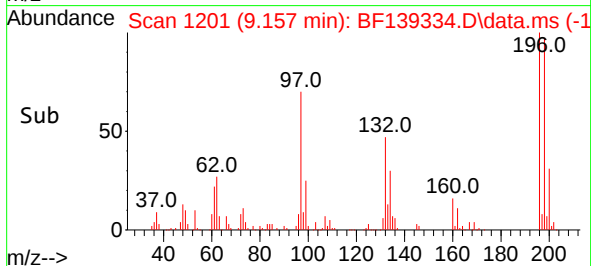


Tgt Ion:196 Resp: 11459
Ion Ratio Lower Upper
196 100
198 96.5 77.0 115.4
200 30.6 24.7 37.1

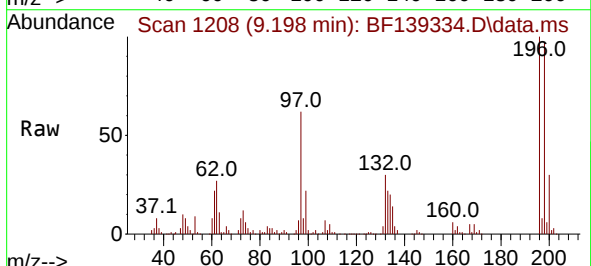
Manual Integrations

APPROVED

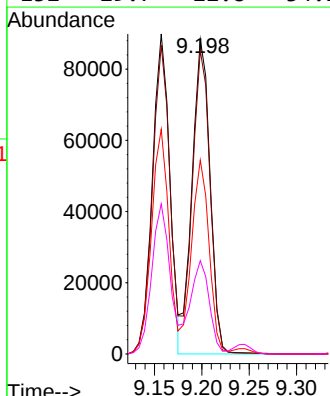
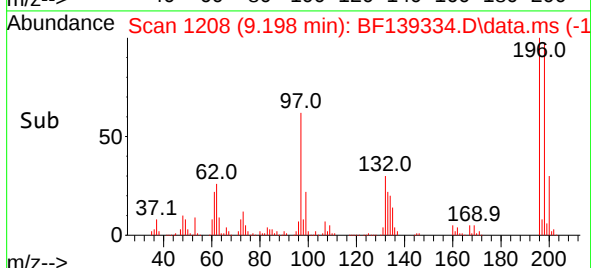
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

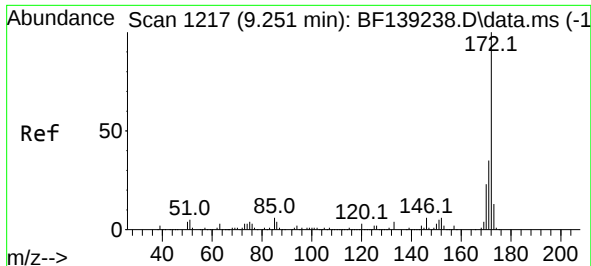


#44
2,4,5-Trichlorophenol
Concen: 54.932 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07



Tgt Ion:196 Resp: 117006
Ion Ratio Lower Upper
196 100
198 96.5 75.6 113.4
97 61.6 43.6 65.4
132 29.7 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 97.714 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

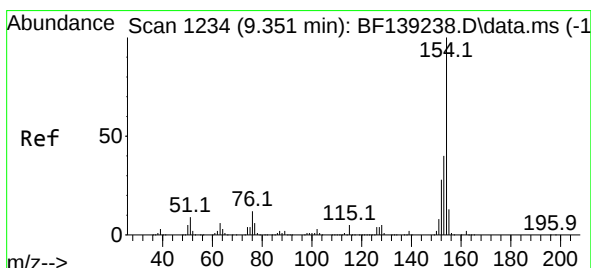
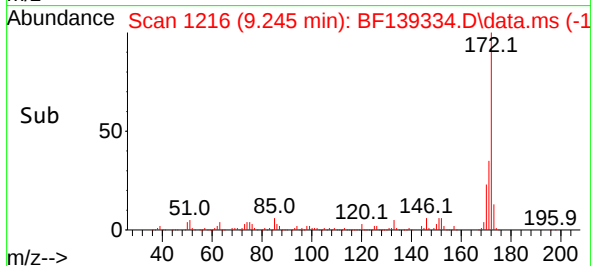
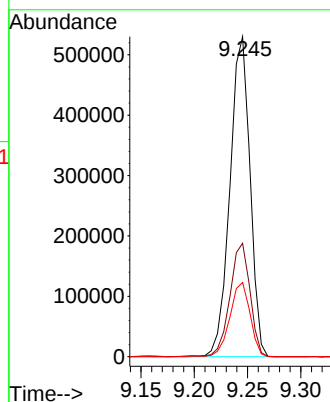
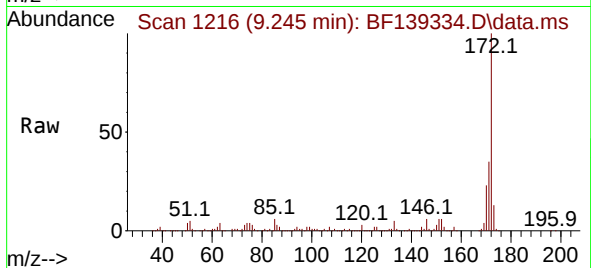
72-11930MSD

Tgt Ion:172 Resp: 69505
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.2 18.7 28.1

Manual Integrations

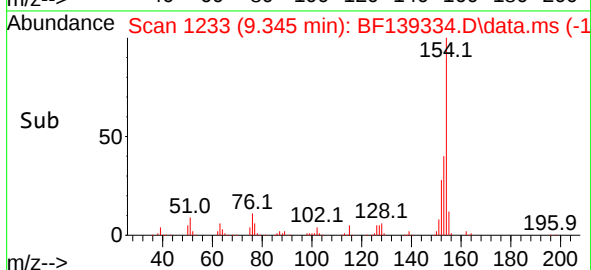
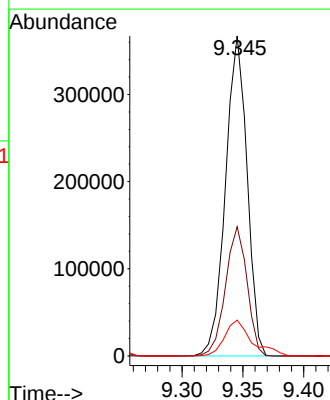
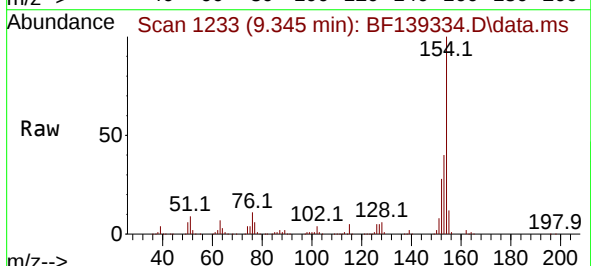
APPROVED

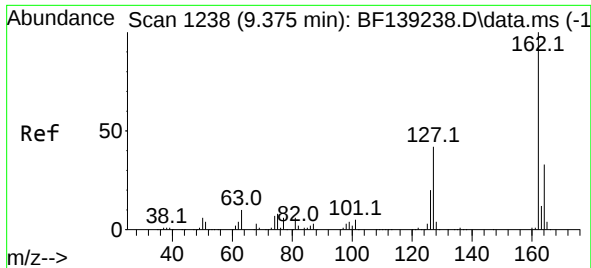
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#46
1,1'-Biphenyl
Concen: 55.647 ng
RT: 9.345 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:154 Resp: 452705
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 11.2 0.0 32.3





#47

2-Chloronaphthalene

Concen: 52.921 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF139334.D

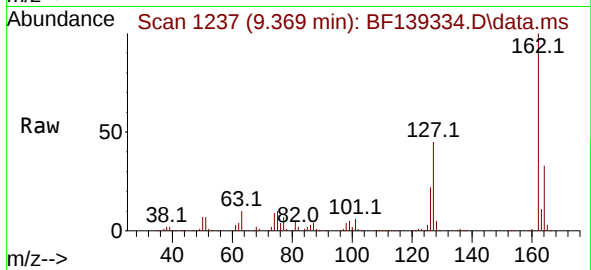
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD



Tgt Ion:162 Resp: 32508

Ion Ratio Lower Upper

162 100

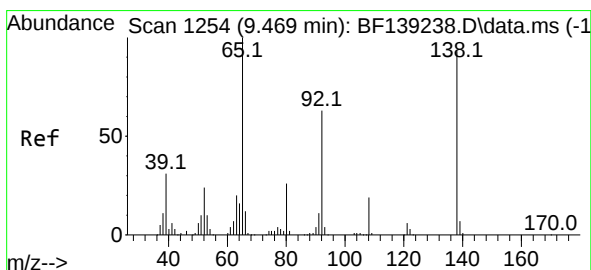
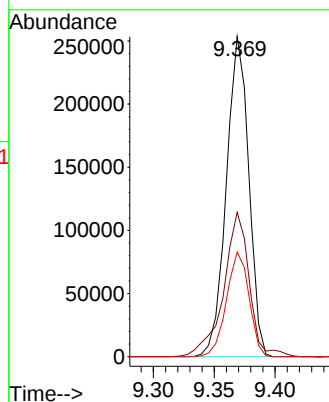
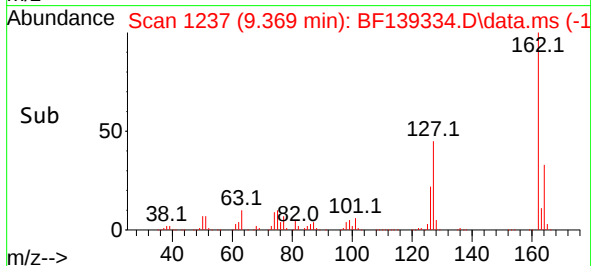
127 45.1 34.2 51.4

164 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#48

2-Nitroaniline

Concen: 56.352 ng

RT: 9.463 min Scan# 1253

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

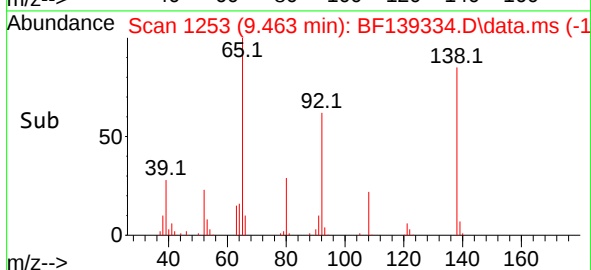
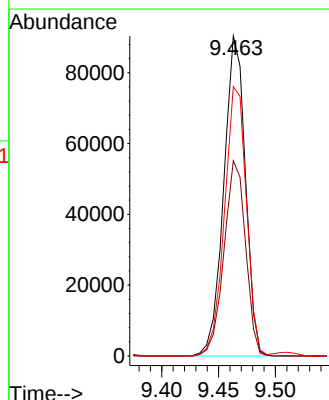
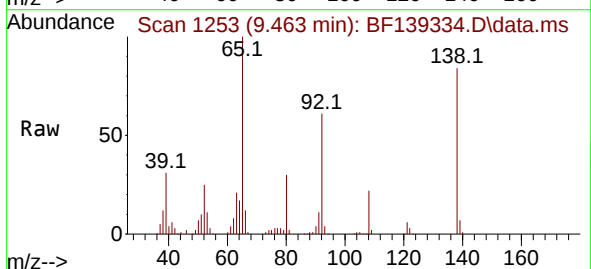
Tgt Ion: 65 Resp: 119232

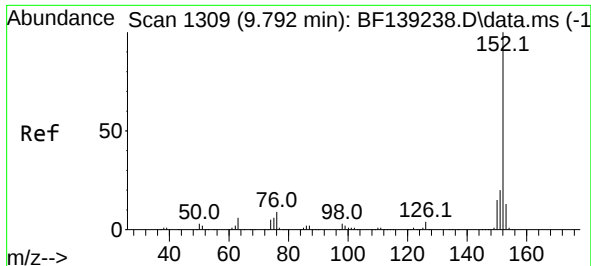
Ion Ratio Lower Upper

65 100

92 61.0 50.4 75.6

138 84.2 74.2 111.4





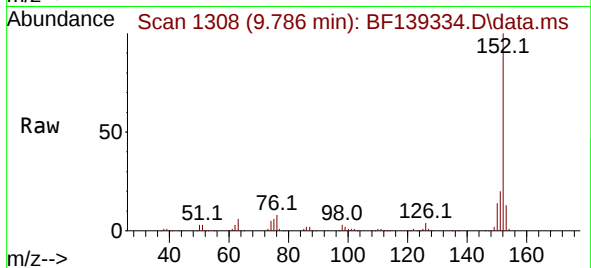
#49
Acenaphthylene
Concen: 56.474 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

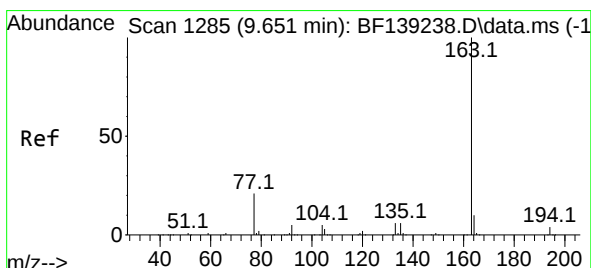
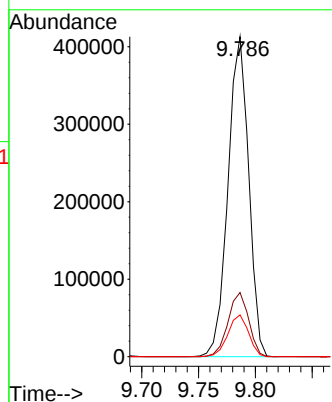
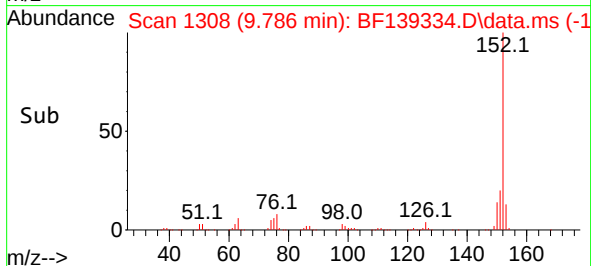


Tgt Ion:152 Resp: 522495
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.0 10.4 15.6

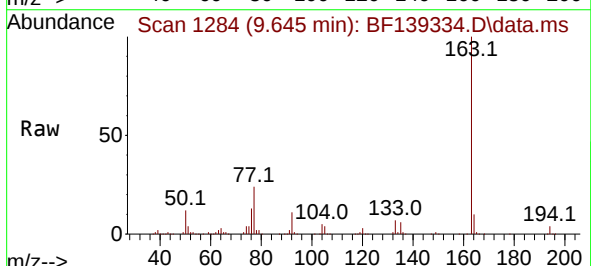
Manual Integrations

APPROVED

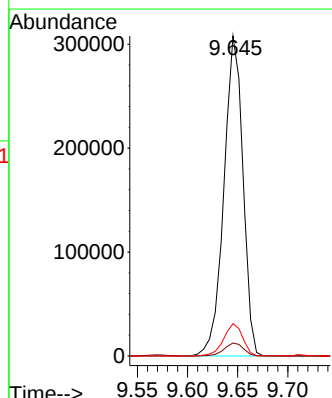
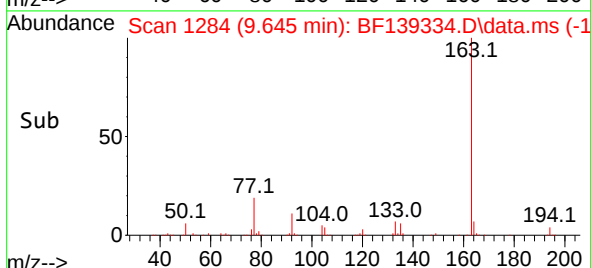
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

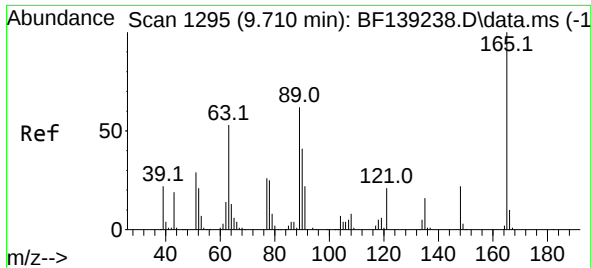


#50
Dimethylphthalate
Concen: 61.035 ng
RT: 9.645 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07



Tgt Ion:163 Resp: 406196
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 54.781 ng
RT: 9.710 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

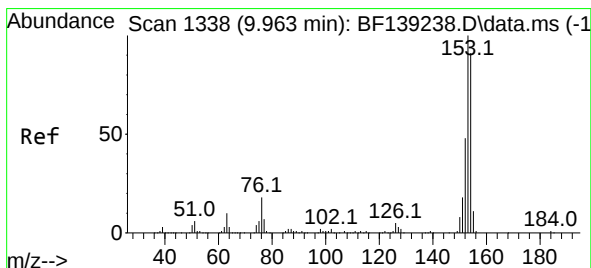
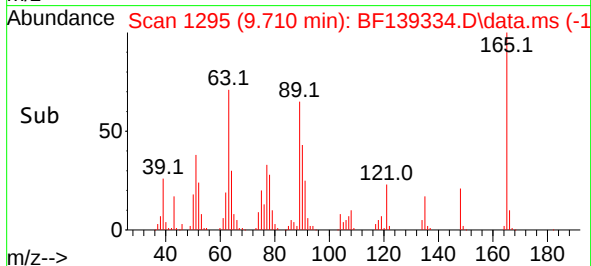
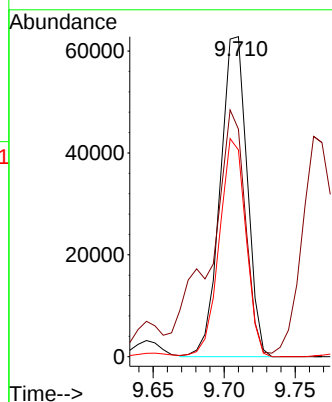
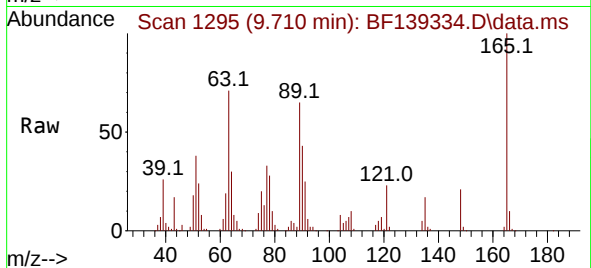
ClientSampleId :

72-11930MSD

Tgt Ion:165 Resp: 82708
Ion Ratio Lower Upper
165 100
63 71.1 56.1 84.1
89 64.6 49.7 74.5

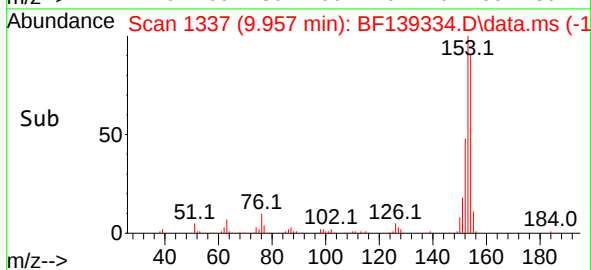
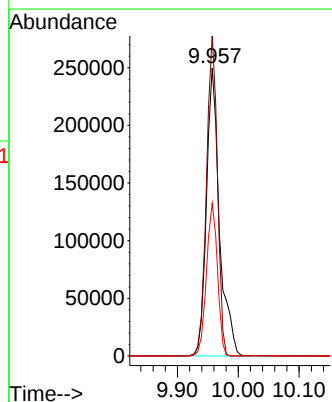
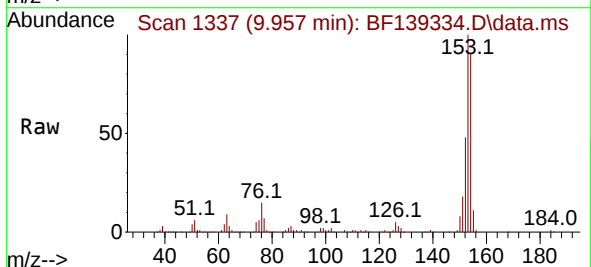
Manual Integrations
APPROVED

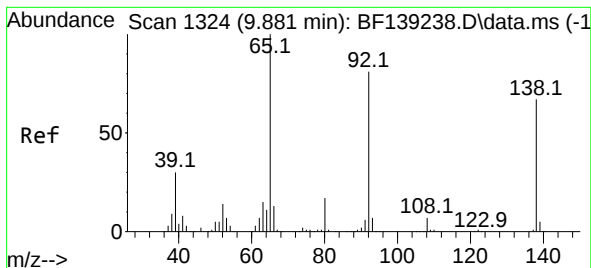
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#52
Acenaphthene
Concen: 60.526 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:154 Resp: 371417
Ion Ratio Lower Upper
154 100
153 111.1 87.8 131.6
152 53.1 41.7 62.5





#53
3-Nitroaniline
Concen: 27.775 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

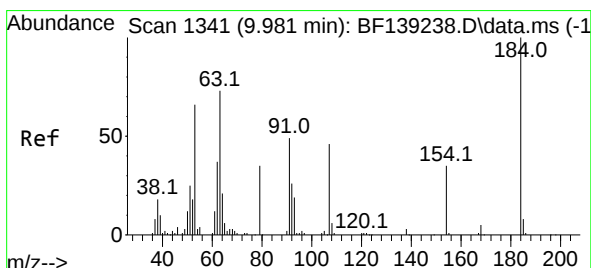
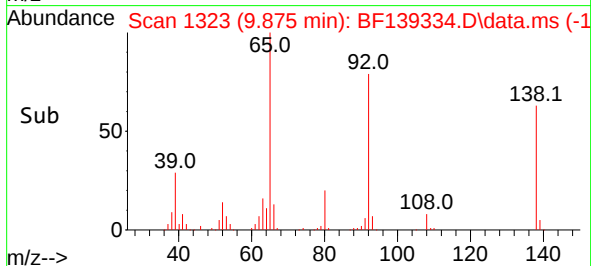
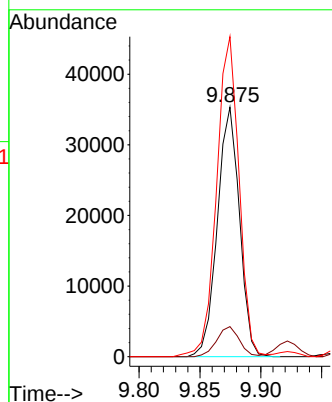
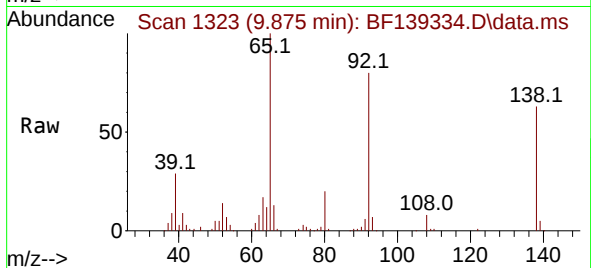
72-11930MSD

Tgt Ion:138 Resp: 44678
Ion Ratio Lower Upper
138 100
108 12.1 8.6 13.0
92 128.3 96.4 144.6

Manual Integrations

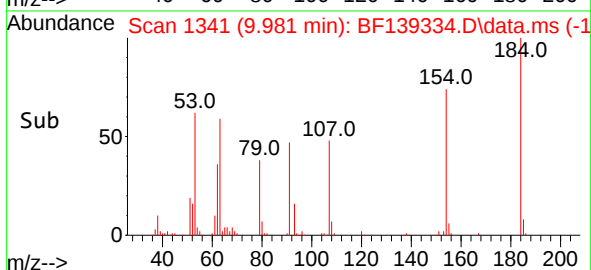
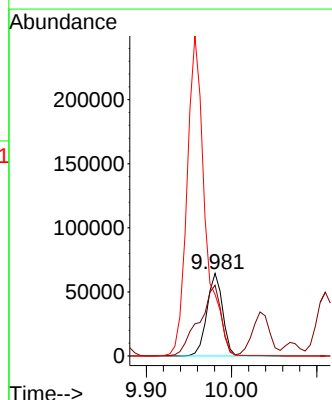
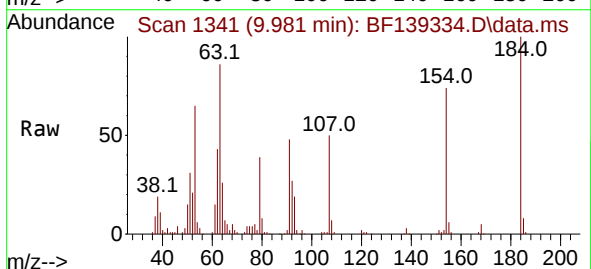
APPROVED

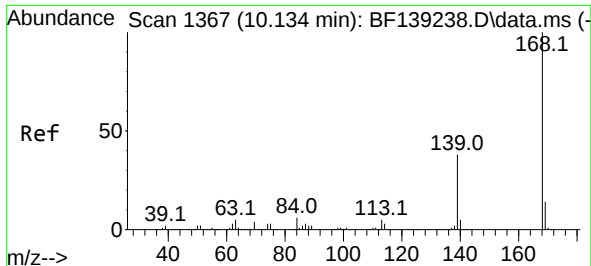
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#54
2,4-Dinitrophenol
Concen: 102.189 ng
RT: 9.981 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

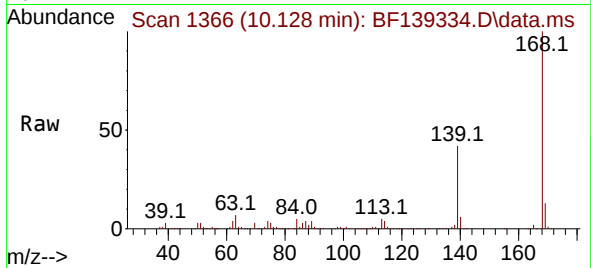
Tgt Ion:184 Resp: 82657
Ion Ratio Lower Upper
184 100
63 85.7 66.4 99.6
154 74.5 97.0 145.6#





#55
Dibenzenofuran
Concen: 53.793 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

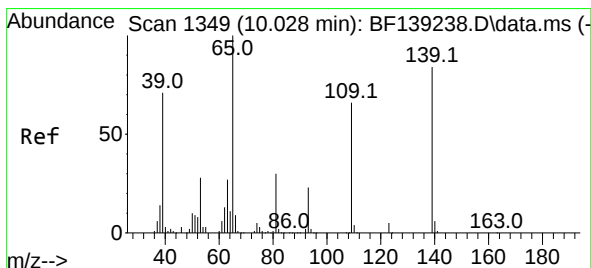
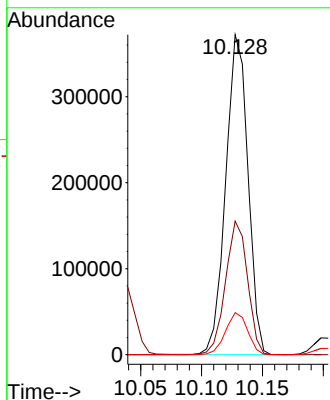
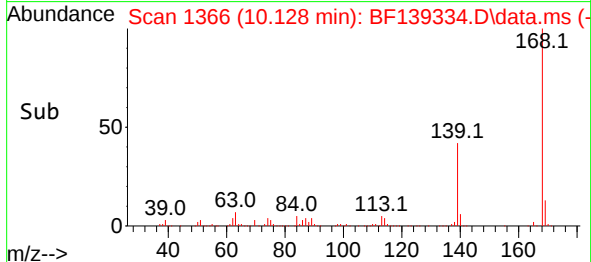
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



Tgt Ion:168 Resp: 47326
Ion Ratio Lower Upper
168 100
139 41.8 30.2 45.4
169 13.2 10.8 16.2

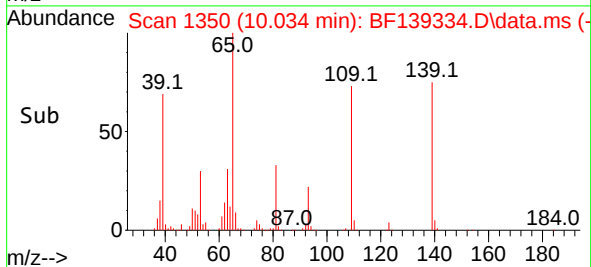
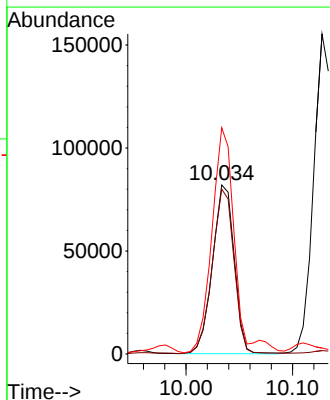
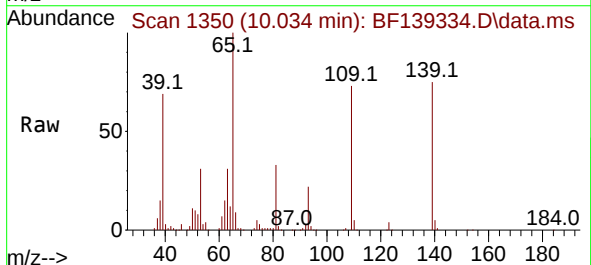
Manual Integrations
APPROVED

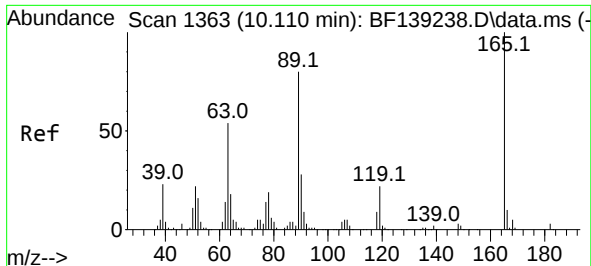
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#56
4-Nitrophenol
Concen: 97.823 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:139 Resp: 116144
Ion Ratio Lower Upper
139 100
109 97.6 58.7 98.7
65 133.9 100.3 140.3





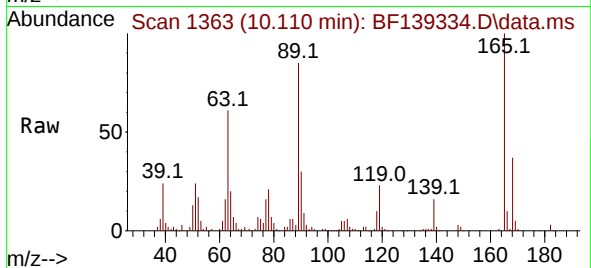
#57
2,4-Dinitrotoluene
Concen: 53.942 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

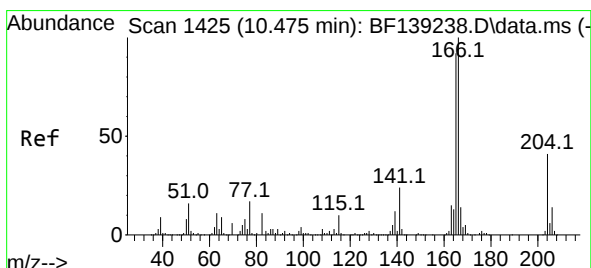
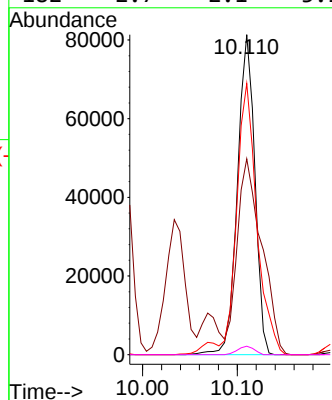
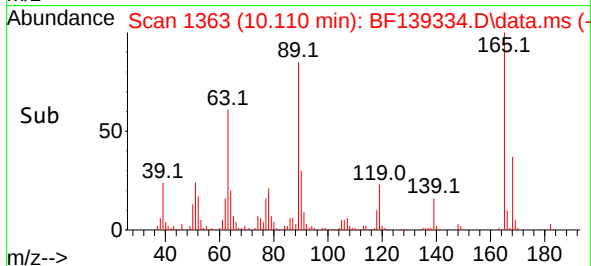


Tgt Ion:165 Resp: 10365
Ion Ratio Lower Upper
165 100
63 61.2 43.4 65.0
89 84.7 64.2 96.4
182 2.7 2.1 3.1

Manual Integrations

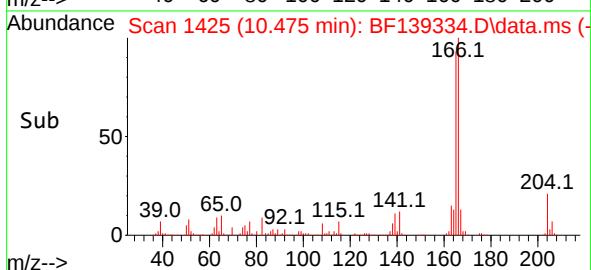
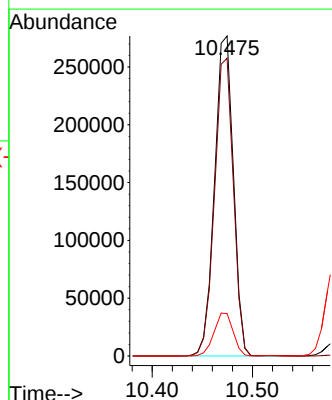
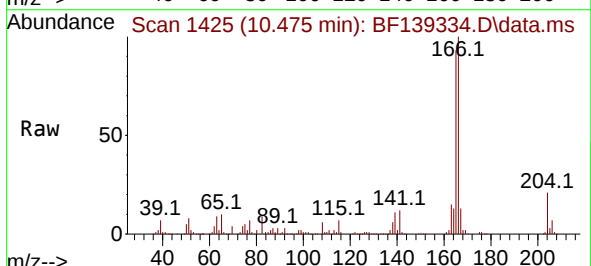
APPROVED

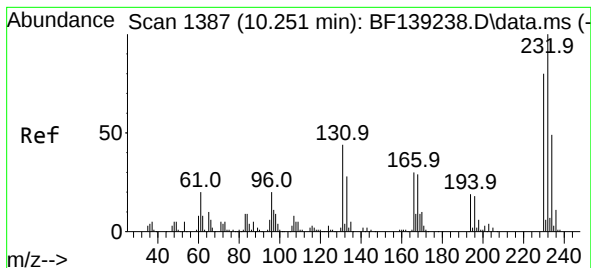
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#58
Fluorene
Concen: 52.844 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

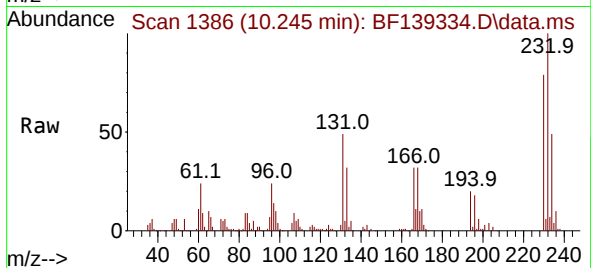
Tgt Ion:166 Resp: 360456
Ion Ratio Lower Upper
166 100
165 93.1 73.7 110.5
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.342 ng m
RT: 10.245 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

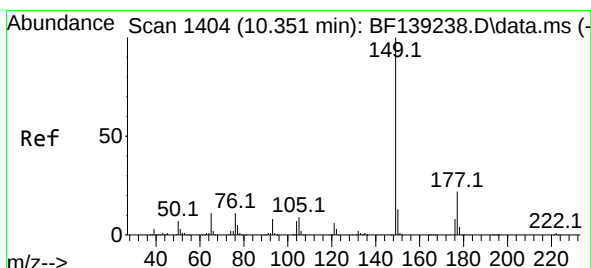
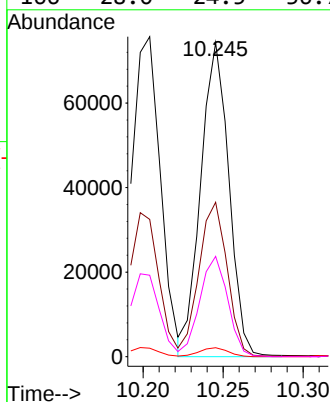
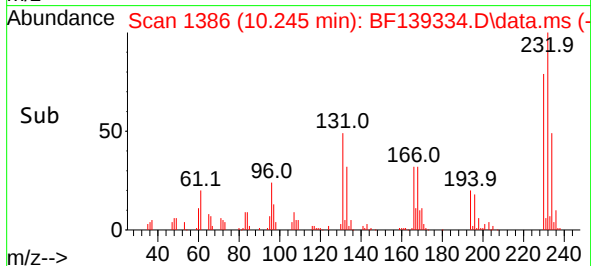
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



Tgt Ion:232 Resp: 9111
Ion Ratio Lower Upper
232 100
131 48.3 37.7 56.5
130 3.0 1.9 2.9
166 28.0 24.5 36.7

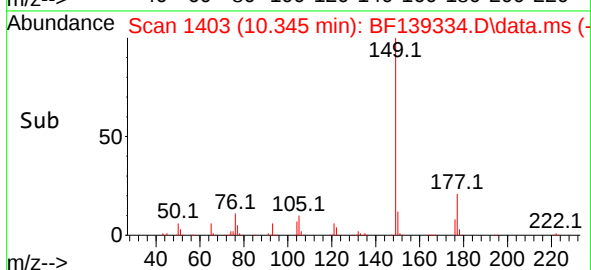
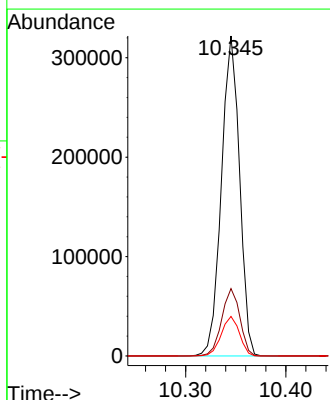
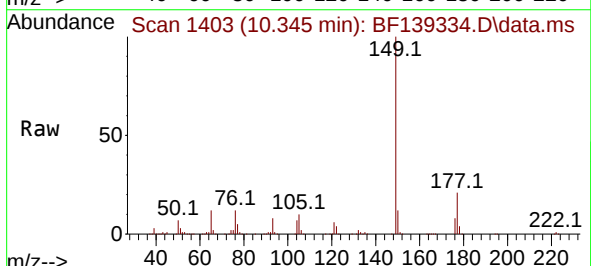
Manual Integrations
APPROVED

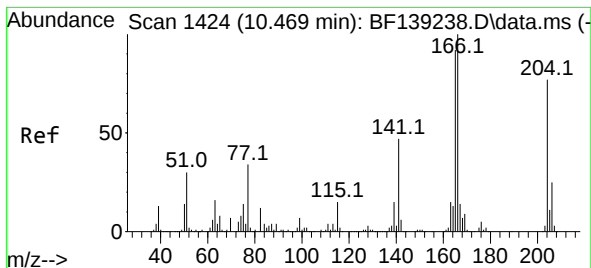
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#60
Diethylphthalate
Concen: 61.623 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

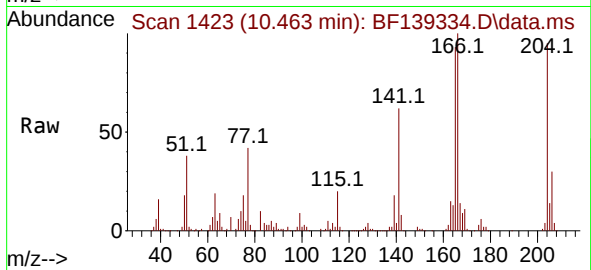
Tgt Ion:149 Resp: 403591
Ion Ratio Lower Upper
149 100
177 21.1 17.7 26.5
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 56.684 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

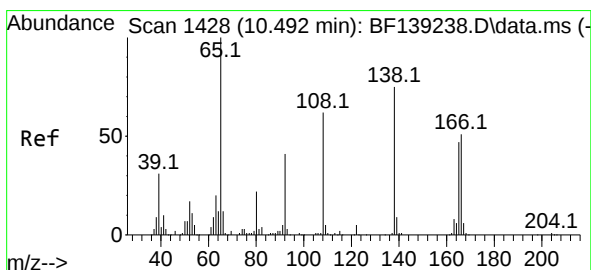
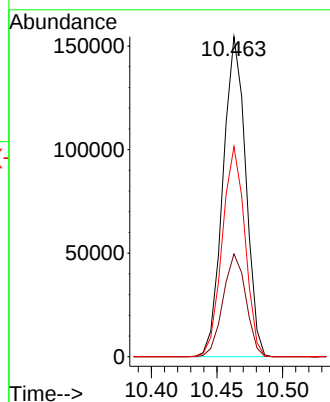
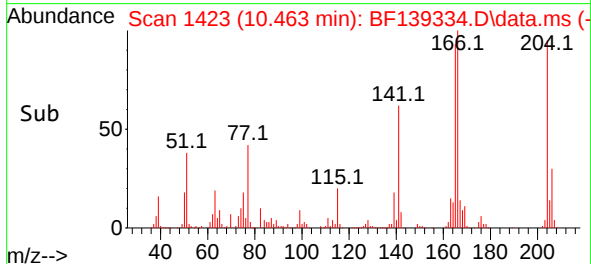
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



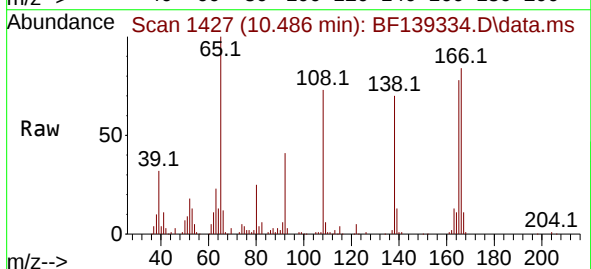
Tgt Ion:204 Resp: 18646
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 65.7 48.6 72.8

Manual Integrations
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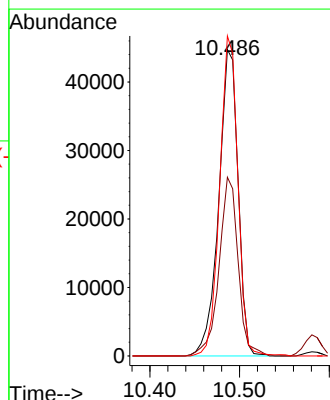
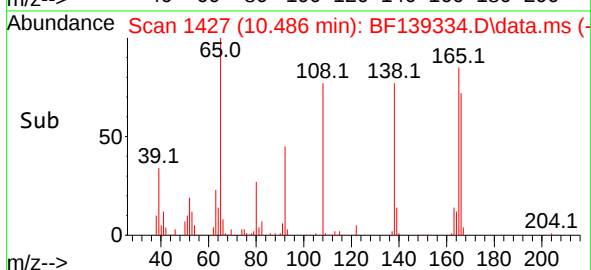
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#62
4-Nitroaniline
Concen: 43.767 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07



Tgt Ion:138 Resp: 67016
Ion Ratio Lower Upper
138 100
92 58.3 34.4 74.4
108 104.4 62.7 102.7#





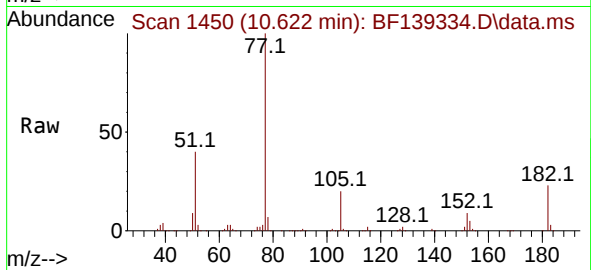
#63
Azobenzene
Concen: 57.147 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

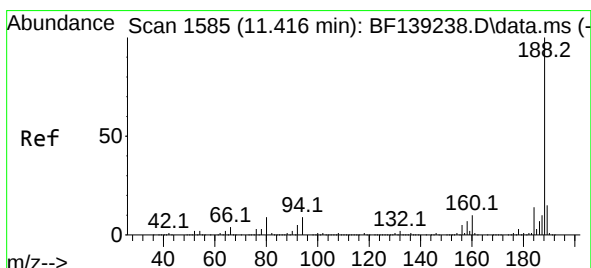
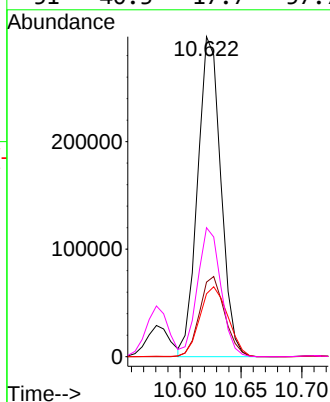
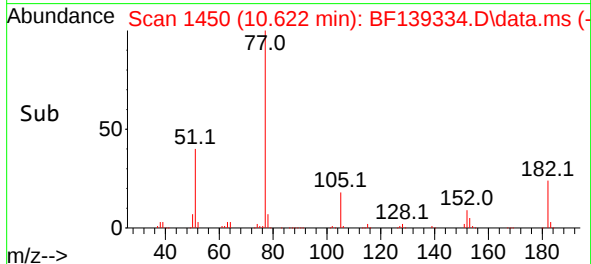


Tgt Ion: 77 Resp: 394472
Ion Ratio Lower Upper
77 100
182 23.3 3.0 43.0
105 19.6 0.0 39.4
51 40.3 17.7 57.7

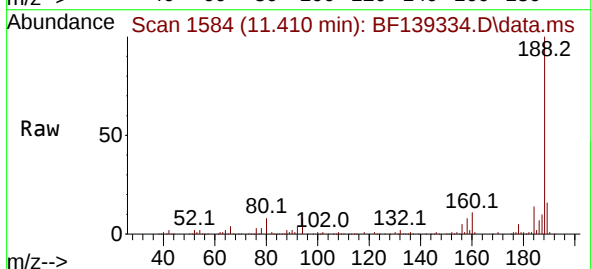
Manual Integrations

APPROVED

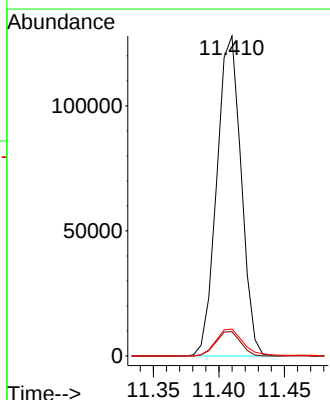
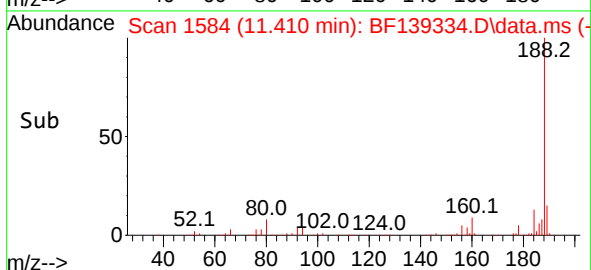
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

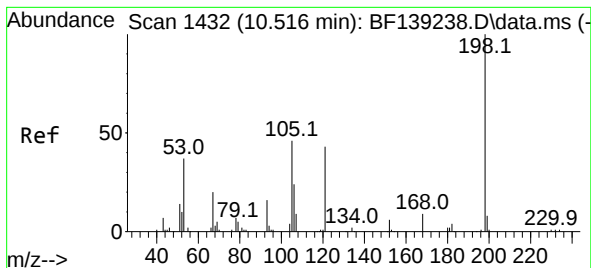


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07



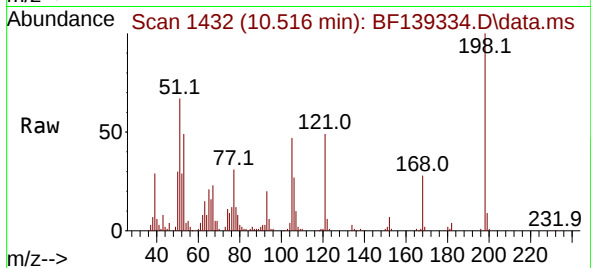
Tgt Ion:188 Resp: 164983
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.4
80 8.4 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 62.295 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

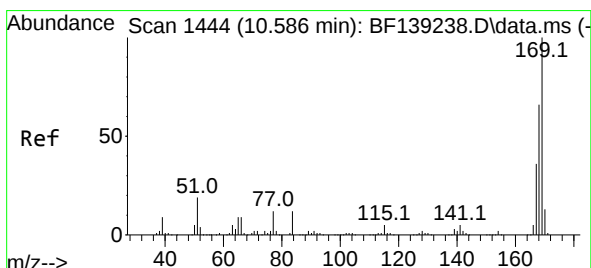
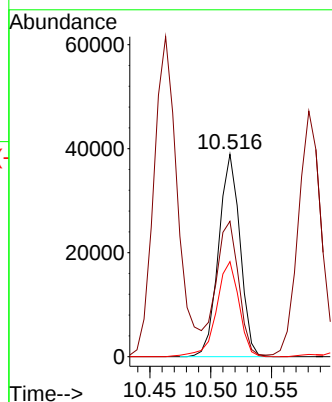
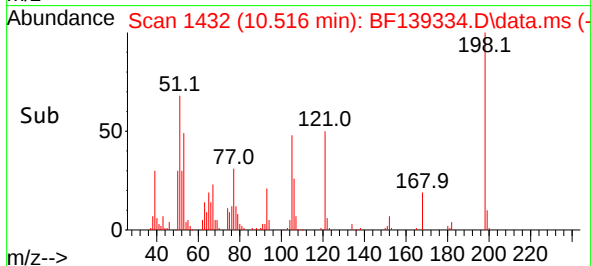
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



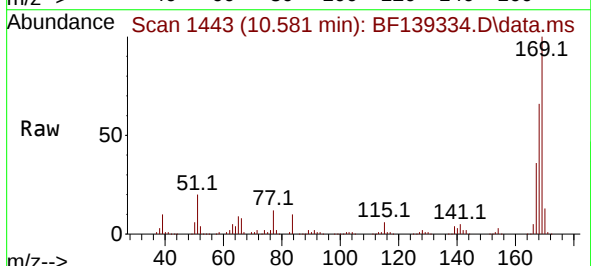
Tgt Ion:198 Resp: 47489
Ion Ratio Lower Upper
198 100
51 66.9 47.2 87.2
105 46.9 27.1 67.1

Manual Integrations
APPROVED

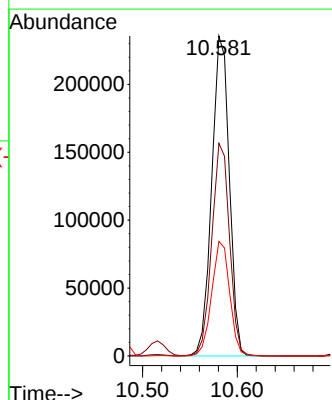
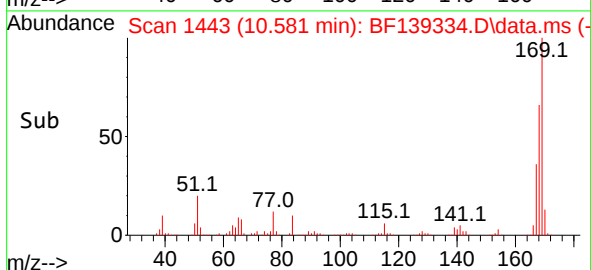
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

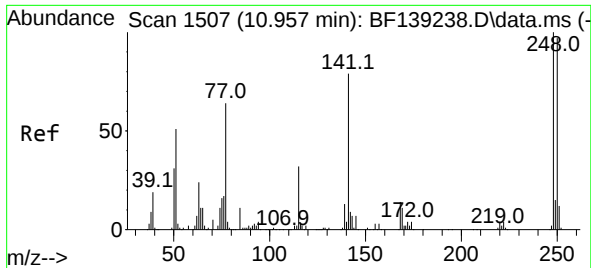


#66
n-Nitrosodiphenylamine
Concen: 63.252 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07



Tgt Ion:169 Resp: 303763
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.6
167 35.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 62.625 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

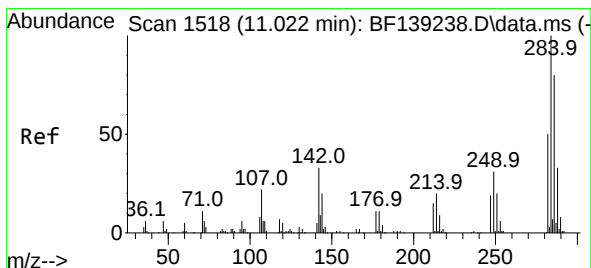
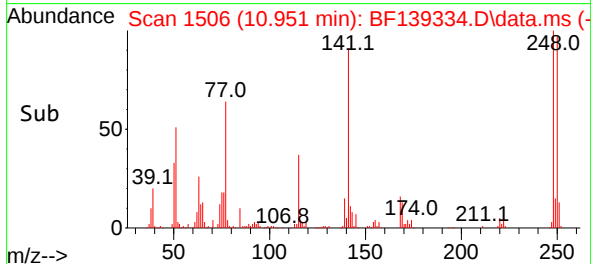
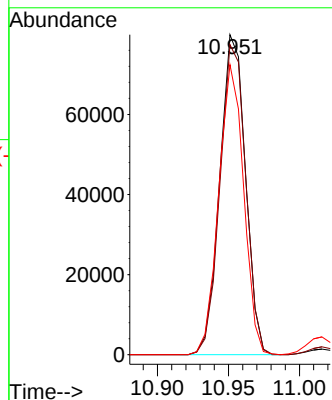
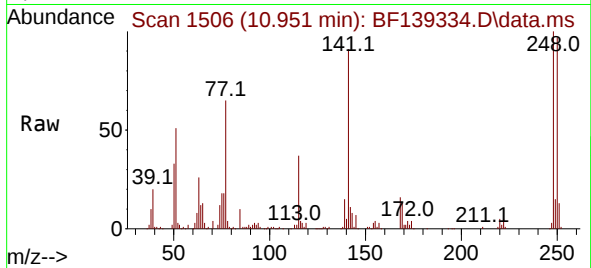
72-11930MSD

Tgt Ion:248 Resp: 100240
Ion Ratio Lower Upper
248 100
250 96.9 77.2 115.8
141 90.6 63.6 95.4

Manual Integrations

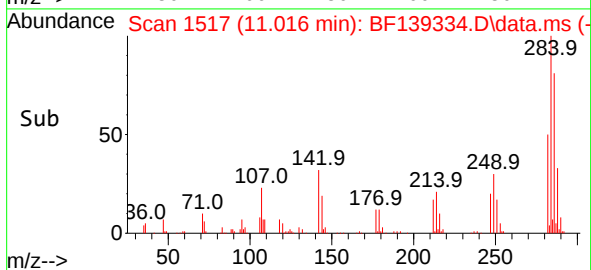
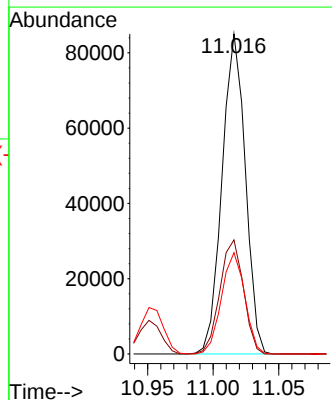
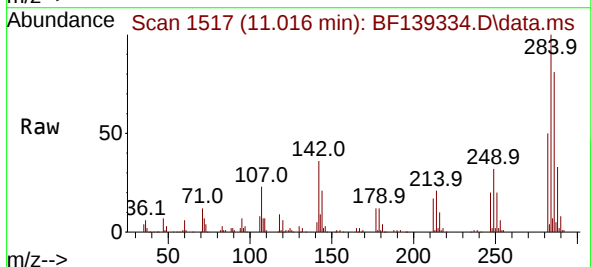
APPROVED

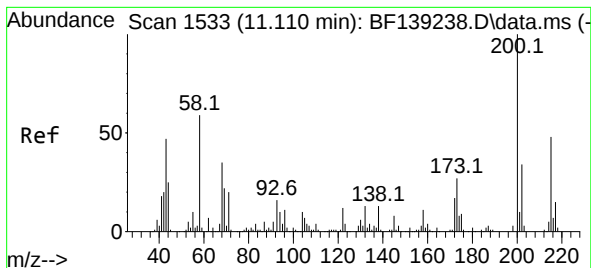
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#68
Hexachlorobenzene
Concen: 57.234 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:284 Resp: 104880
Ion Ratio Lower Upper
284 100
142 35.6 26.5 39.7
249 31.7 24.8 37.2





#69

Atrazine

Concen: 84.387 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

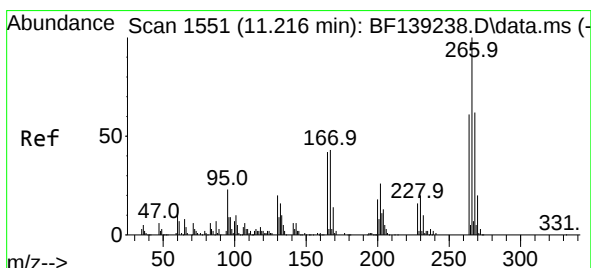
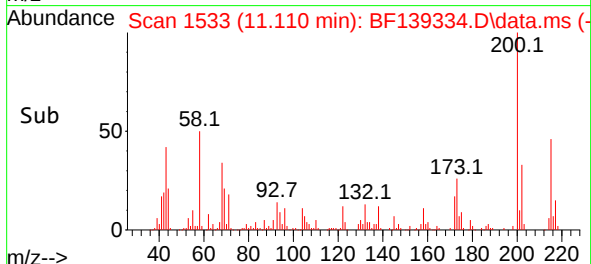
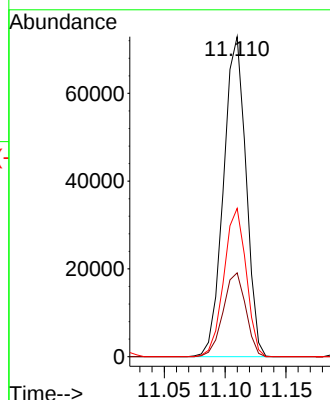
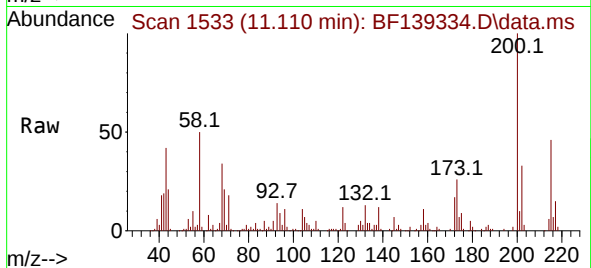
72-11930MSD

Tgt Ion:200 Resp: 93495
 Ion Ratio Lower Upper
 200 100
 173 26.2 7.1 47.1
 215 46.3 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024



#70

Pentachlorophenol

Concen: 118.972 ng

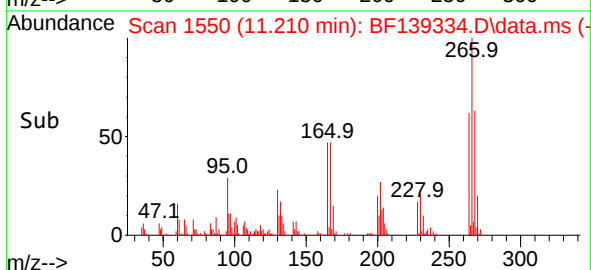
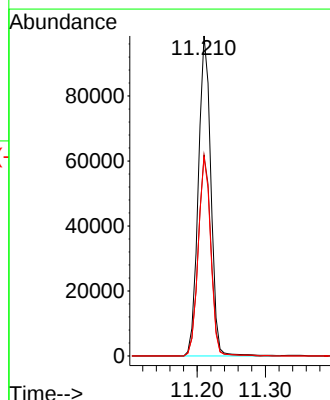
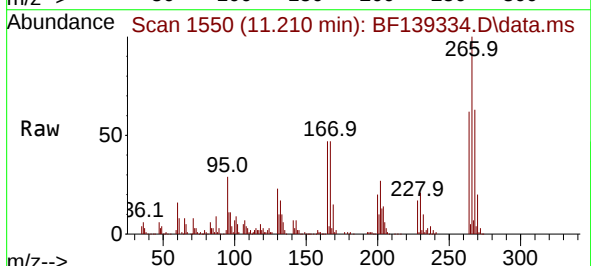
RT: 11.210 min Scan# 1550

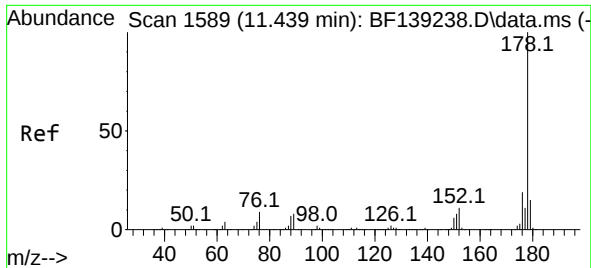
Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Tgt Ion:266 Resp: 125935
 Ion Ratio Lower Upper
 266 100
 268 62.8 49.7 74.5
 264 62.2 49.2 73.8





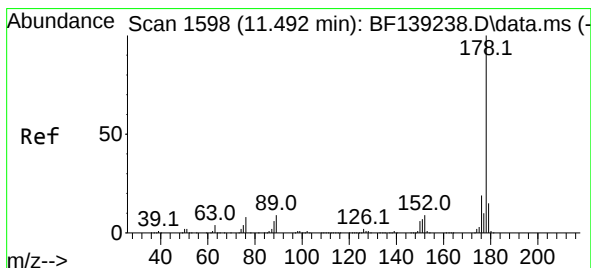
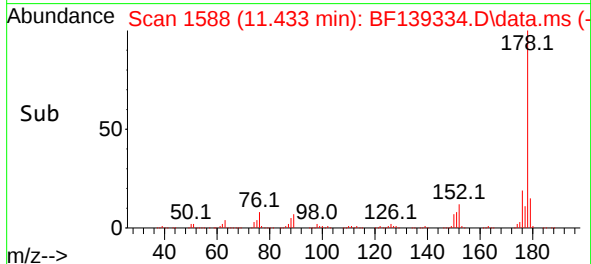
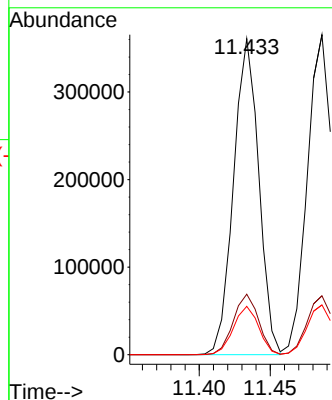
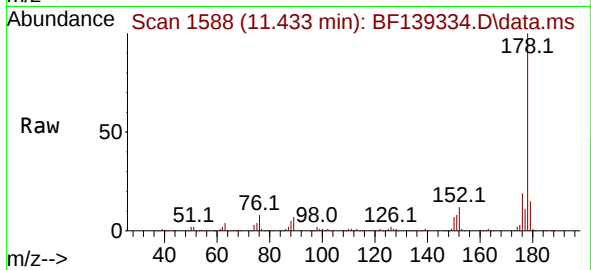
#71
Phenanthrene
Concen: 57.901 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :
BNA_F
ClientSampleId :
72-11930MSD

Tgt Ion:178 Resp: 44626
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.3 12.3 18.5

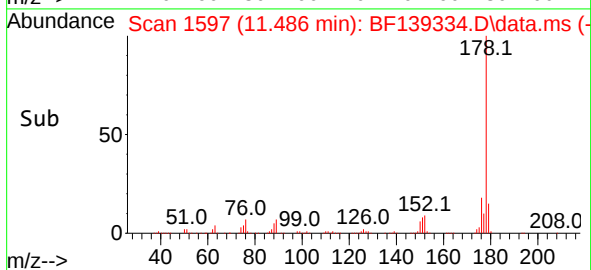
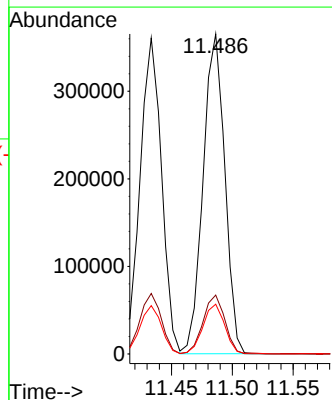
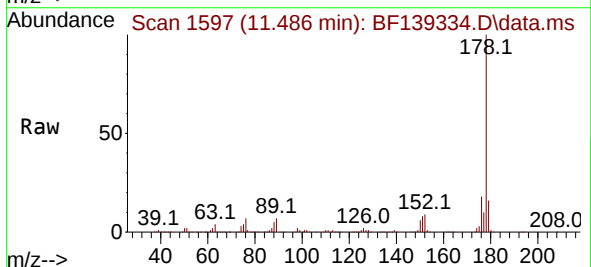
Manual Integrations
APPROVED

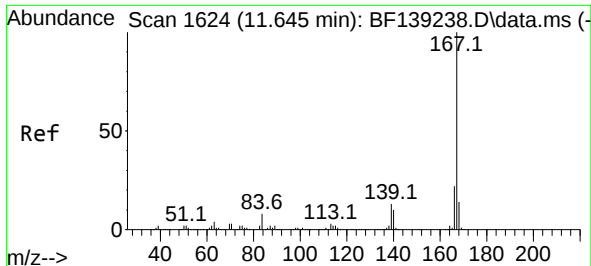
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#72
Anthracene
Concen: 60.145 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

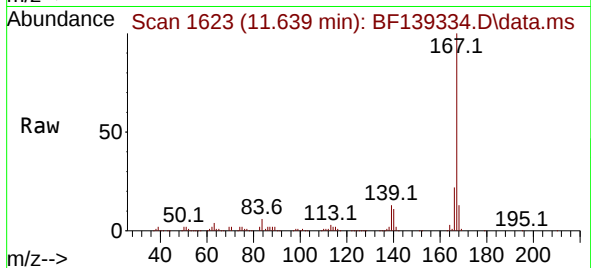
Tgt Ion:178 Resp: 452831
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.6 12.3 18.5





#73
 Carbazole
 Concen: 54.305 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. -0.006 min
 Lab File: BF139334.D
 Acq: 11 Sep 2024 19:07

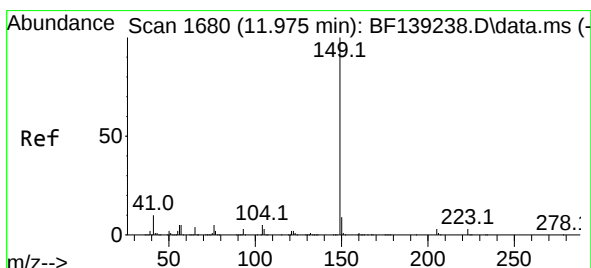
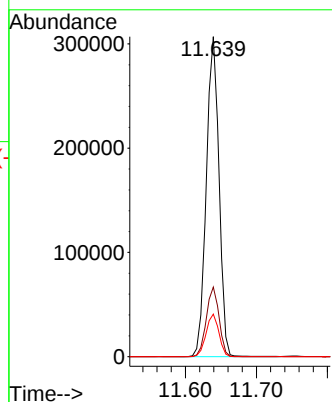
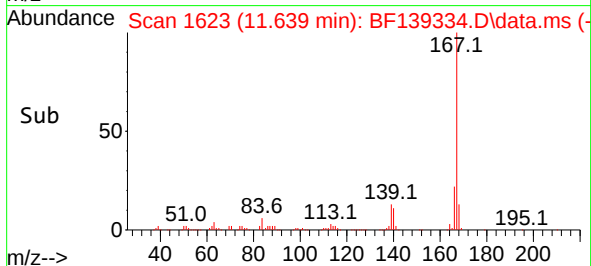
Instrument :
 BNA_F
 ClientSampleId :
 72-11930MSD



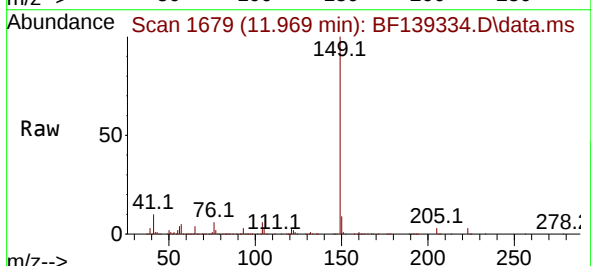
Tgt Ion:167 Resp: 382135
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.3 10.2 15.4

Manual Integrations
 APPROVED

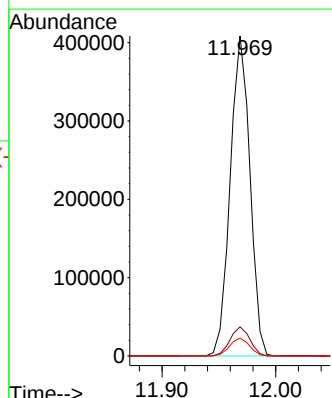
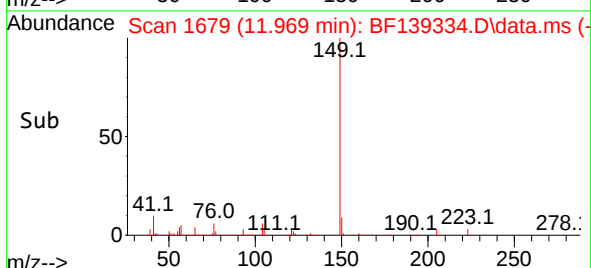
Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

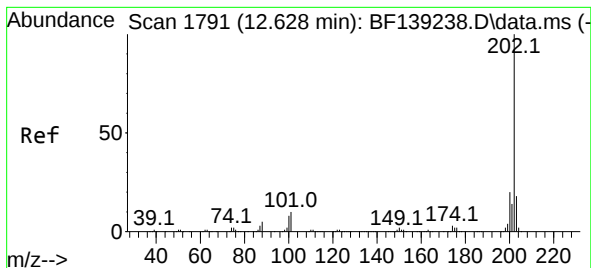


#74
 Di-n-butylphthalate
 Concen: 68.280 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF139334.D
 Acq: 11 Sep 2024 19:07



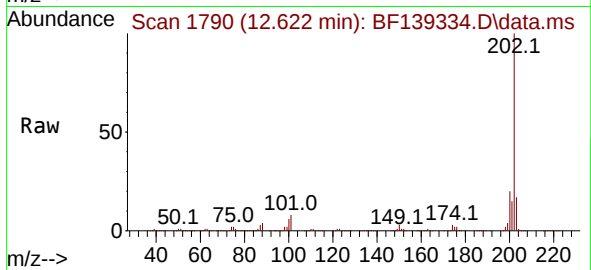
Tgt Ion:149 Resp: 491960
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.6 3.9 5.9





#75
Fluoranthene
Concen: 70.619 ng
RT: 12.622 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

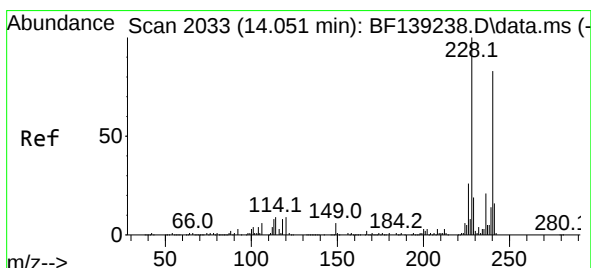
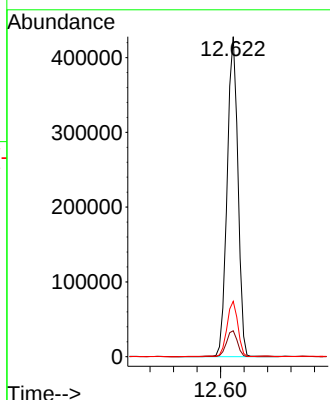
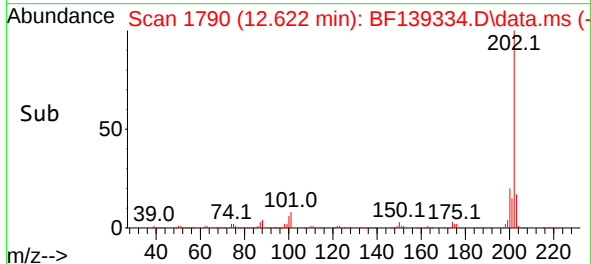
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



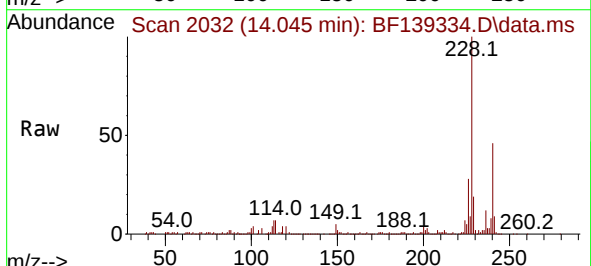
Tgt Ion:202 Resp: 54566
Ion Ratio Lower Upper
202 100
101 8.1 0.0 29.9
203 17.3 0.0 37.7

Manual Integrations
APPROVED

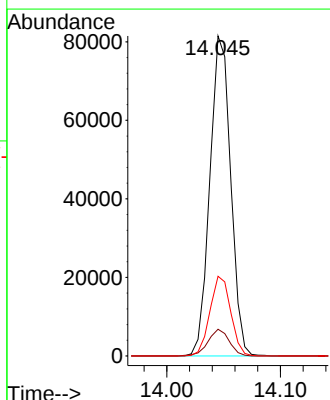
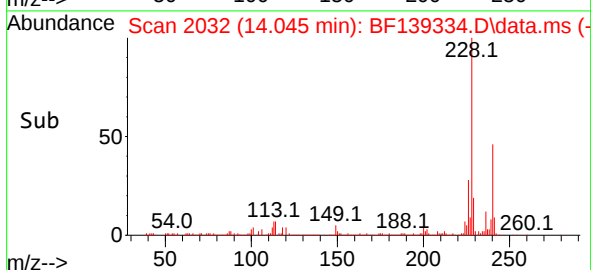
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

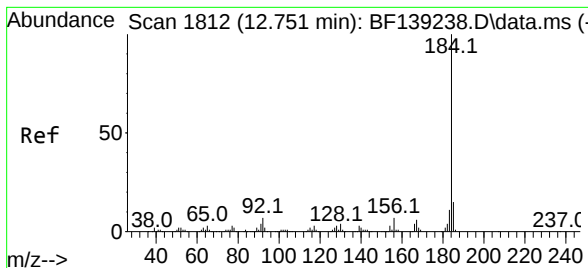


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07



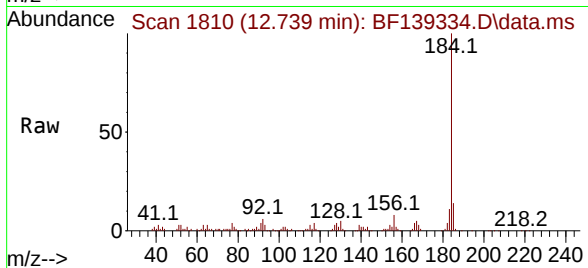
Tgt Ion:240 Resp: 103810
Ion Ratio Lower Upper
240 100
120 8.4 8.6 12.8#
236 24.9 20.7 31.1





#77
Benzidine
Concen: 49.043 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

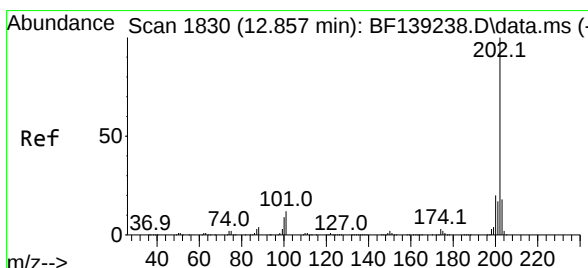
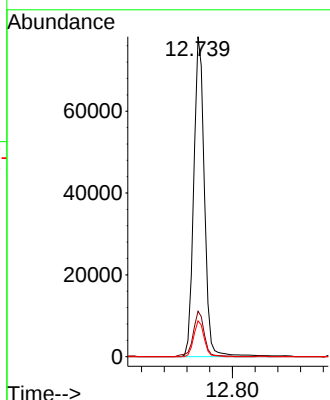
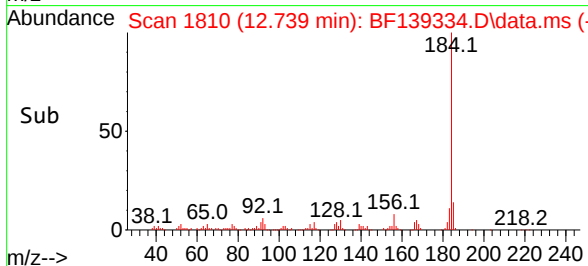
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



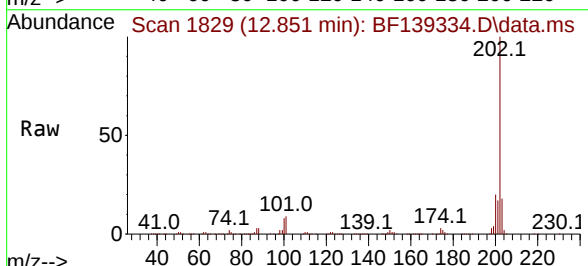
Tgt Ion:184 Resp: 10251
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 11.2 8.8 13.2

Manual Integrations
APPROVED

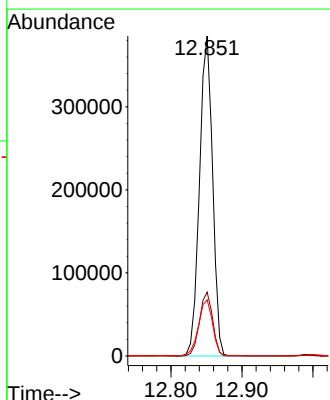
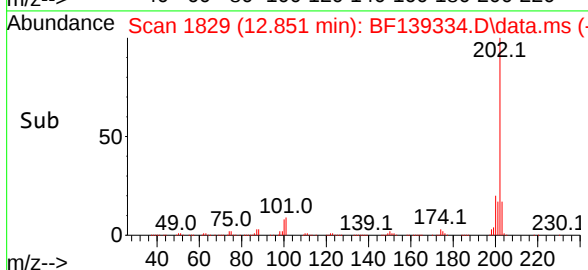
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

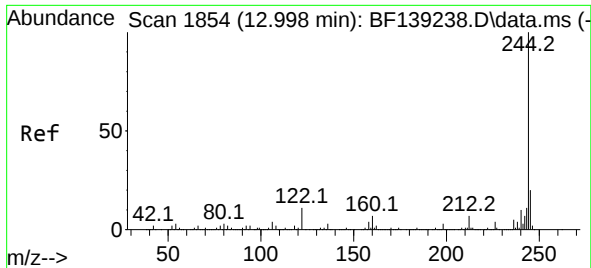


#78
Pyrene
Concen: 49.488 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07



Tgt Ion:202 Resp: 496270
Ion Ratio Lower Upper
202 100
200 19.9 15.8 23.8
203 17.6 14.1 21.1





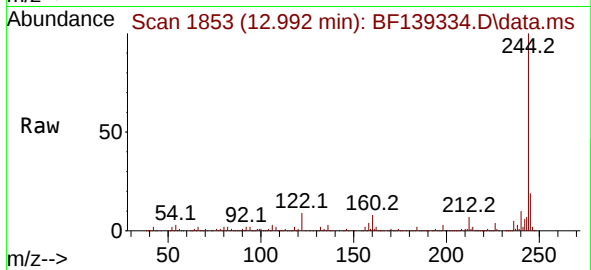
#79
 Terphenyl-d14
 Concen: 77.637 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF139334.D
 Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

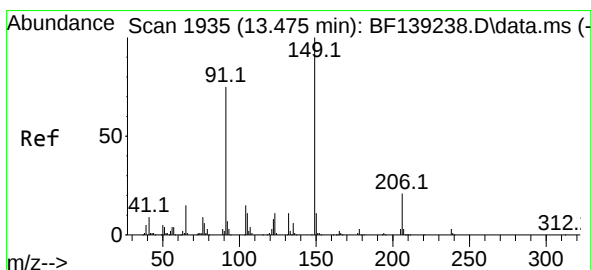
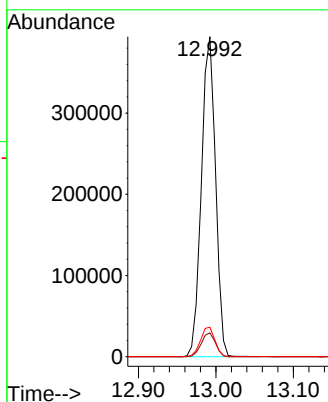
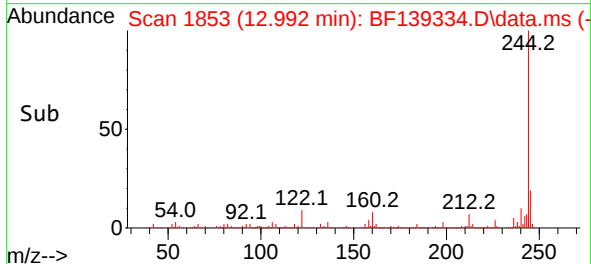


Tgt Ion:244 Resp: 499172
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 9.2 8.7 13.1

Manual Integrations

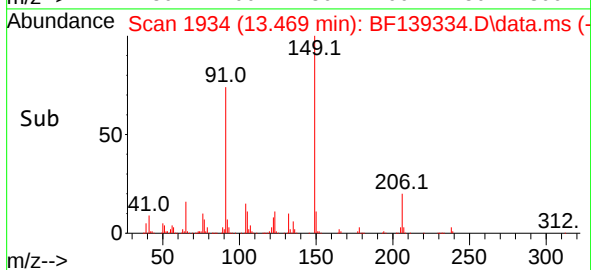
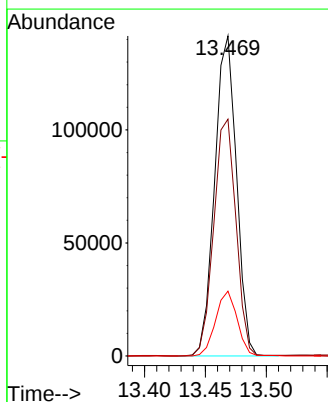
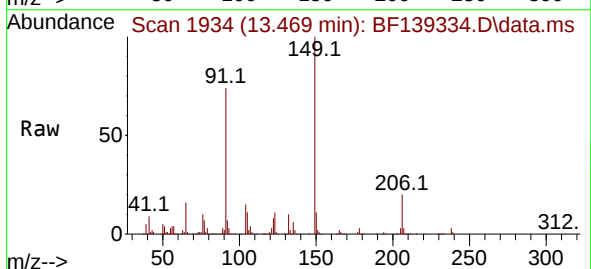
APPROVED

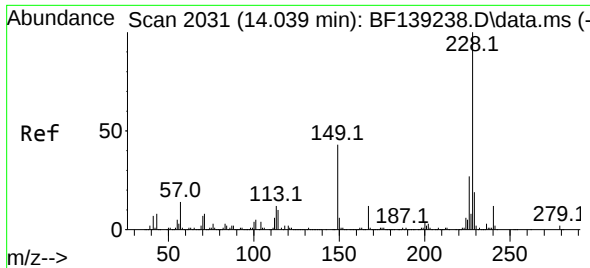
Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024



#80
 Butylbenzylphthalate
 Concen: 74.878 ng
 RT: 13.469 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BF139334.D
 Acq: 11 Sep 2024 19:07

Tgt Ion:149 Resp: 176767
 Ion Ratio Lower Upper
 149 100
 91 74.0 60.3 90.5
 206 20.3 16.7 25.1





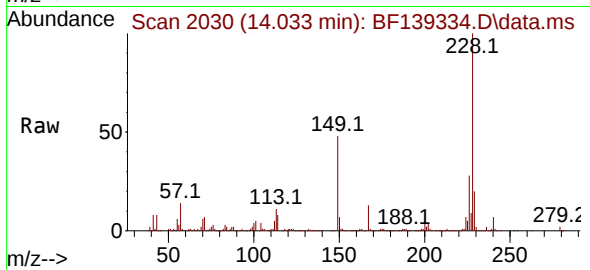
#81
Benzo(a)anthracene
Concen: 61.699 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

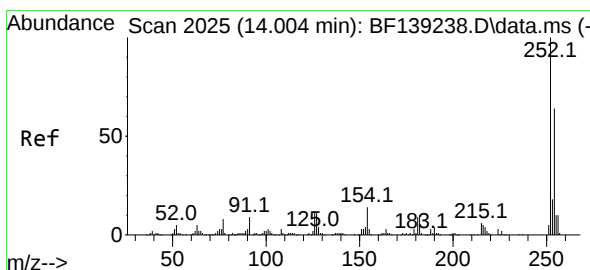
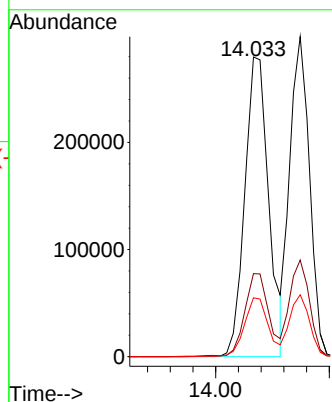
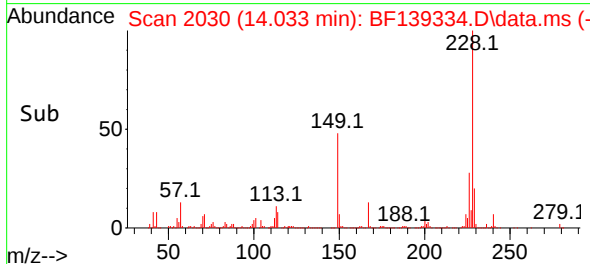


Tgt Ion:228 Resp: 408980
Ion Ratio Lower Upper
228 100
226 27.7 21.5 32.3
229 19.7 15.6 23.4

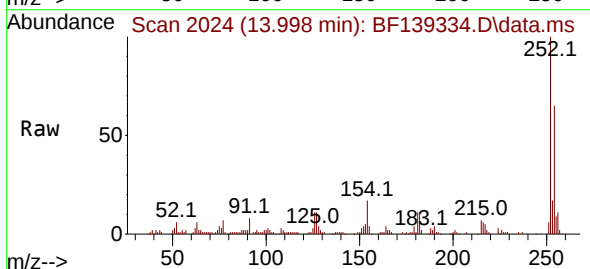
Manual Integrations

APPROVED

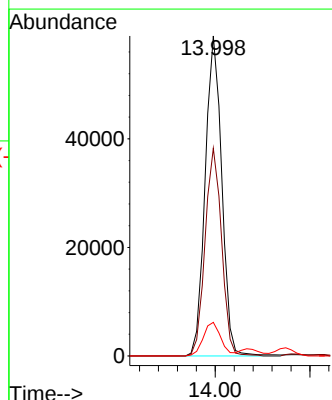
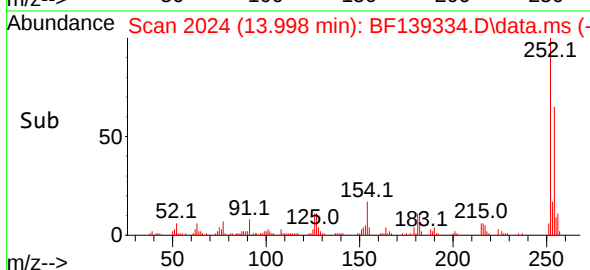
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

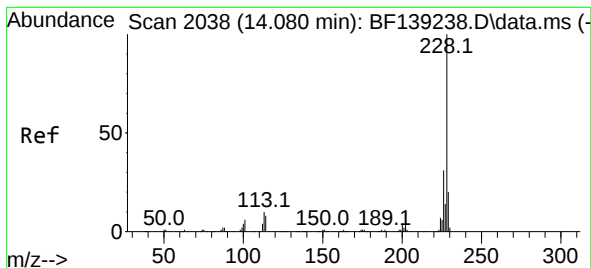


#82
3,3'-Dichlorobenzidine
Concen: 40.811 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07



Tgt Ion:252 Resp: 71844
Ion Ratio Lower Upper
252 100
254 64.9 51.5 77.3
126 10.5 9.2 13.8





#83

Chrysene

Concen: 58.088 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

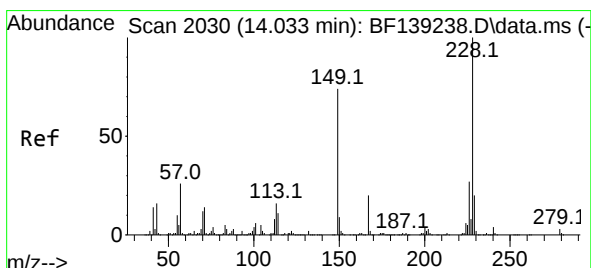
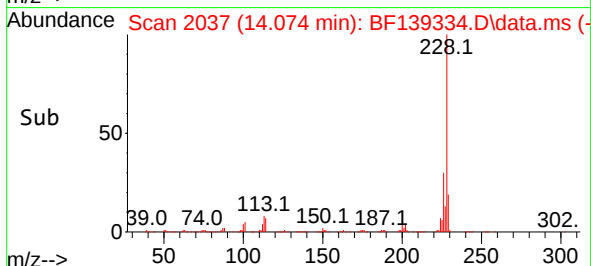
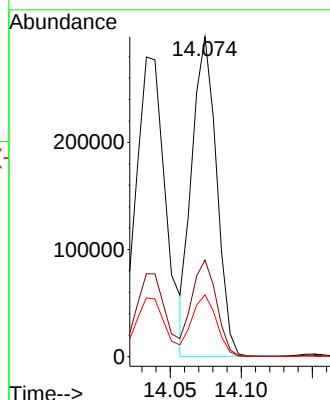
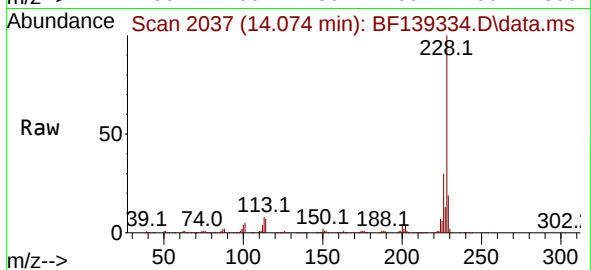
72-11930MSD

Tgt Ion:	228	Resp:	35937
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.8	35.8
229	19.3	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 93.500 ng

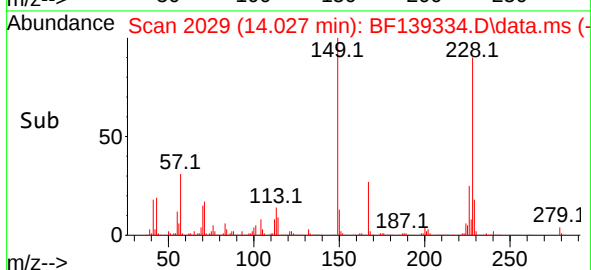
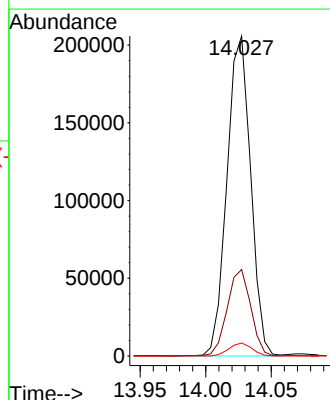
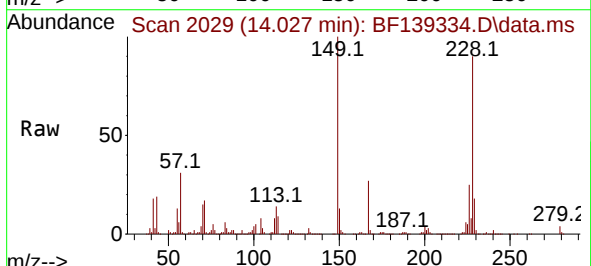
RT: 14.027 min Scan# 2029

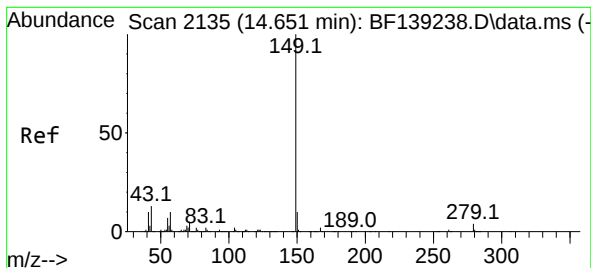
Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

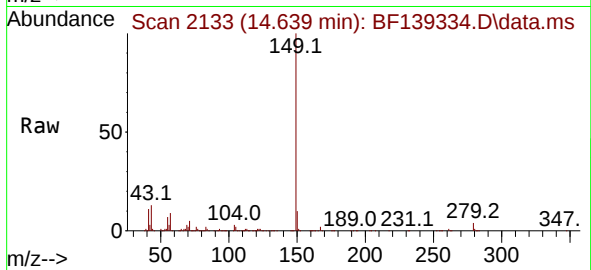
Tgt Ion:	149	Resp:	259076
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.8	32.6
279	4.0	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 73.464 ng
RT: 14.639 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

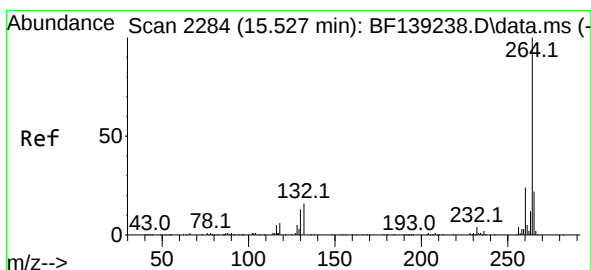
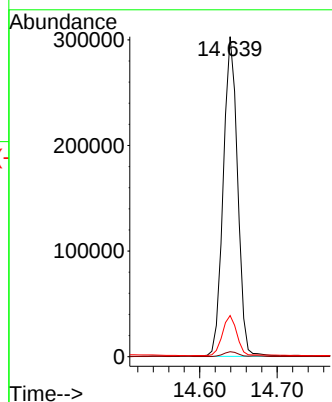
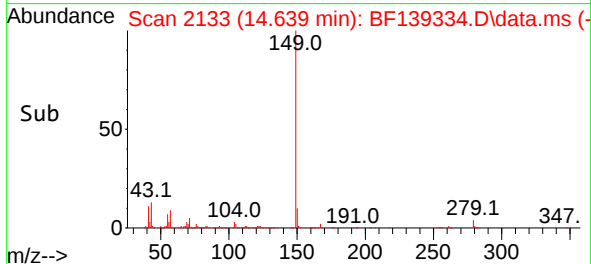
Instrument :
BNA_F
ClientSampleId :
72-11930MSD



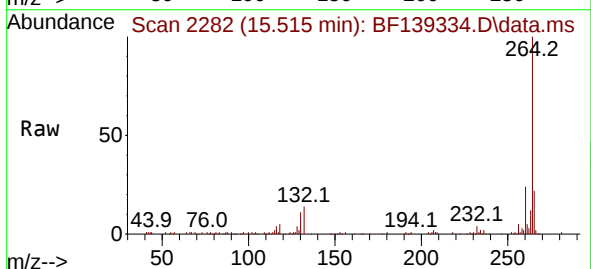
Tgt Ion:149 Resp: 38972
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.0 10.9 16.3

Manual Integrations
APPROVED

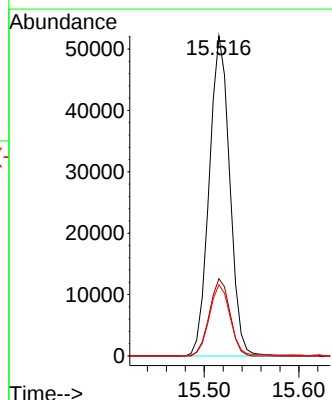
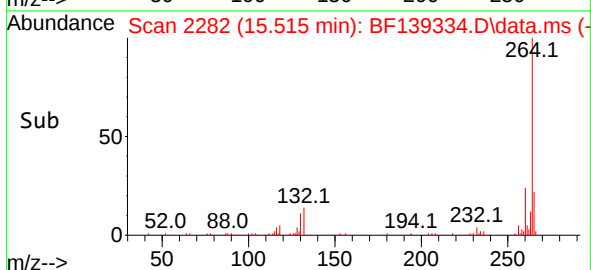
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

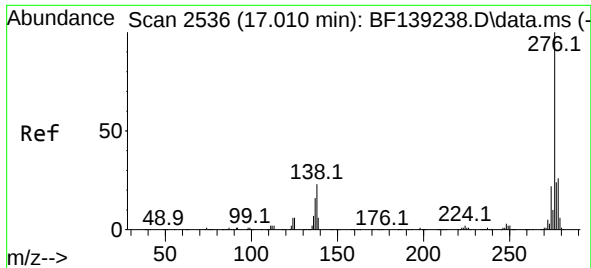


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. -0.012 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07



Tgt Ion:264 Resp: 78333
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 22.2 17.3 25.9





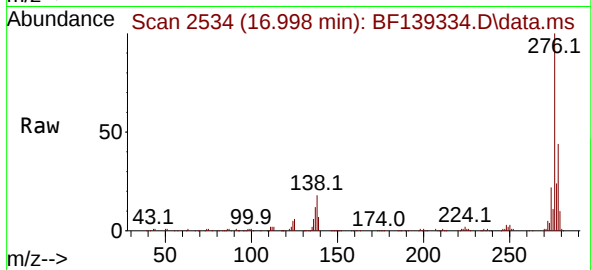
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.368 ng
RT: 16.998 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

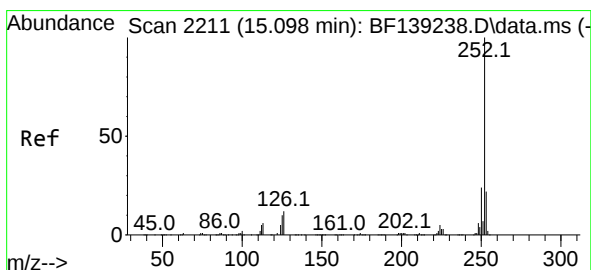
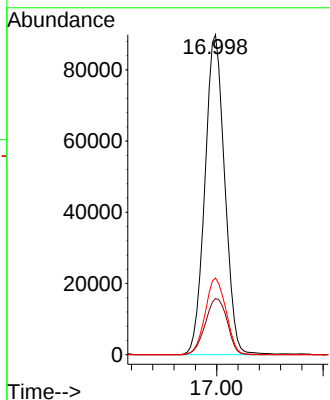
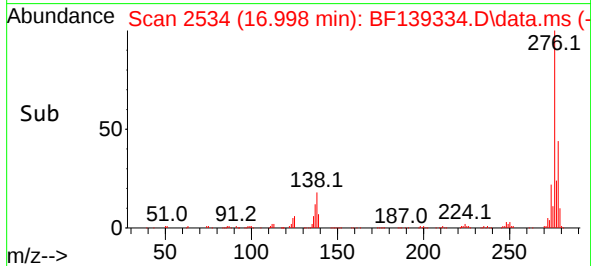


Tgt Ion:276 Resp: 231800
Ion Ratio Lower Upper
276 100
138 19.4 20.4 30.6
277 25.2 20.3 30.5

Manual Integrations

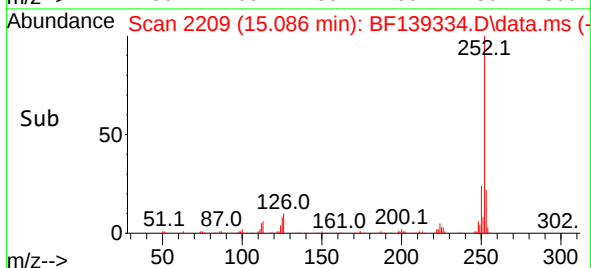
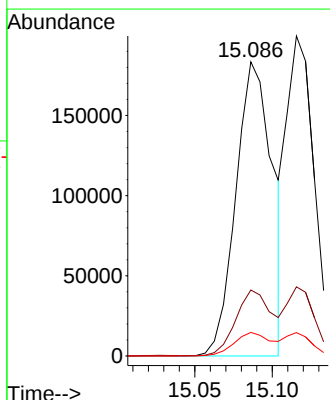
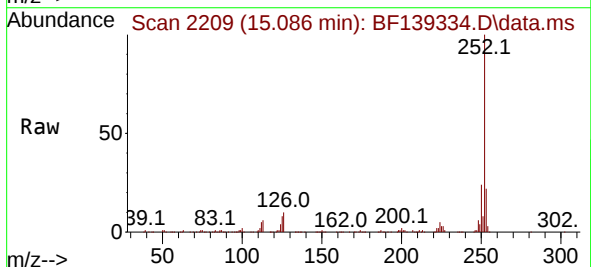
APPROVED

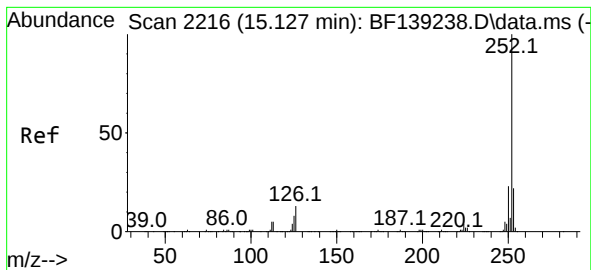
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#88
Benzo(b)fluoranthene
Concen: 66.800 ng
RT: 15.086 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:252 Resp: 301348
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 8.0 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 60.789 ng

RT: 15.116 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion:252 Resp: 24588

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

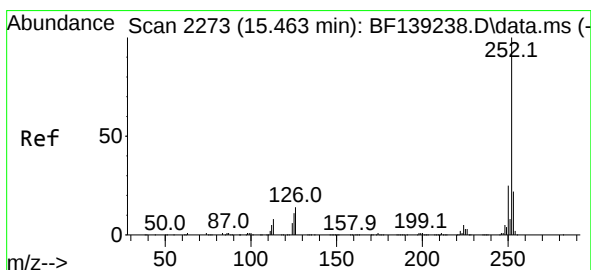
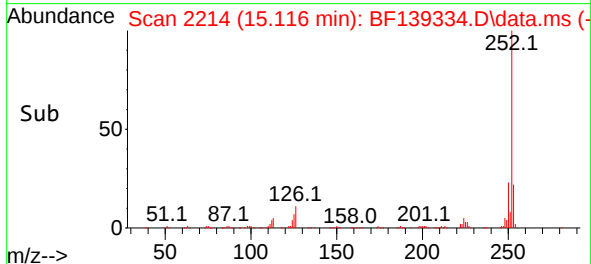
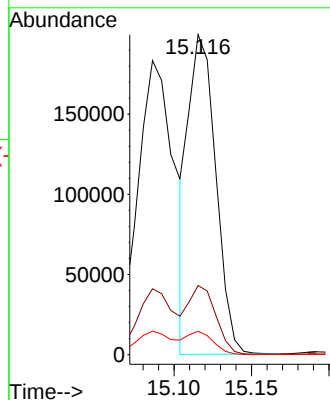
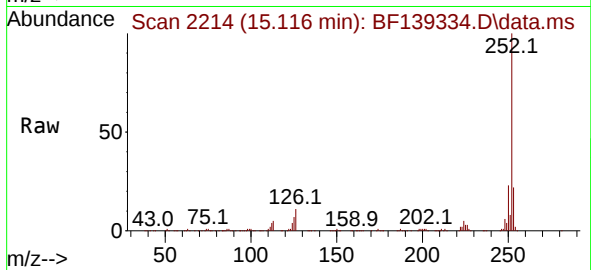
125 7.3 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024

Supervised By :mohammad ahmed 09/13/2024



#90

Benzo(a)pyrene

Concen: 63.053 ng m

RT: 15.457 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

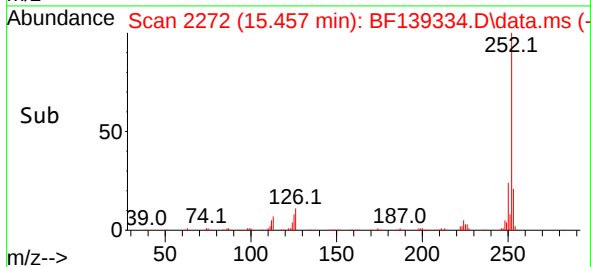
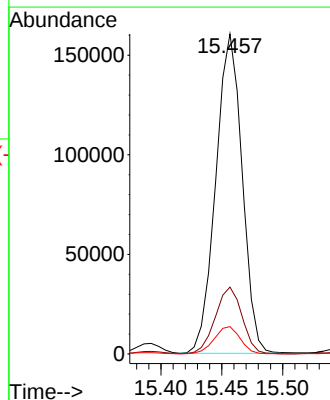
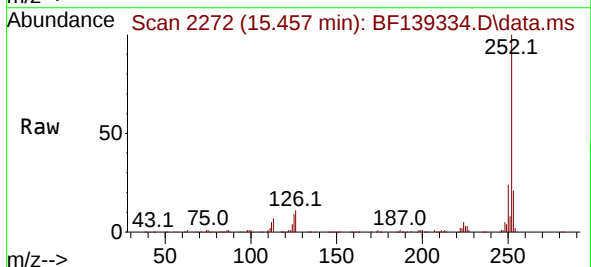
Tgt Ion:252 Resp: 241531

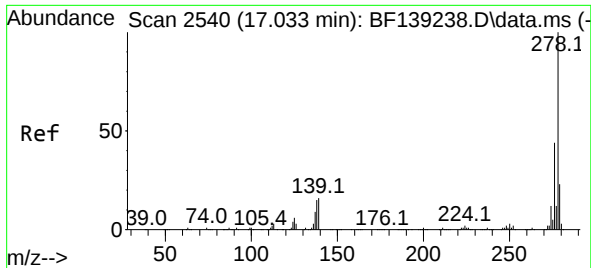
Ion Ratio Lower Upper

252 100

253 20.9 17.5 26.3

125 8.5 8.6 13.0#





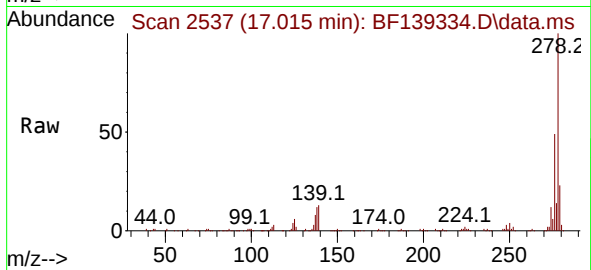
#91
Dibenzo(a,h)anthracene
Concen: 47.503 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

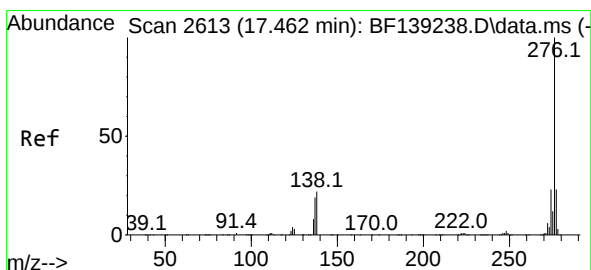
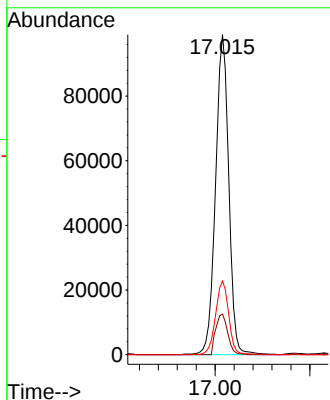
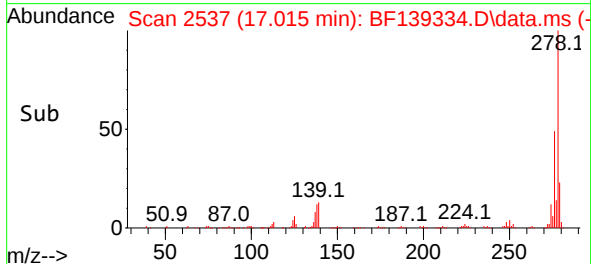


Tgt Ion:278 Resp: 19156
Ion Ratio Lower Upper
278 100
139 12.7 12.6 19.0
279 23.0 18.6 28.0

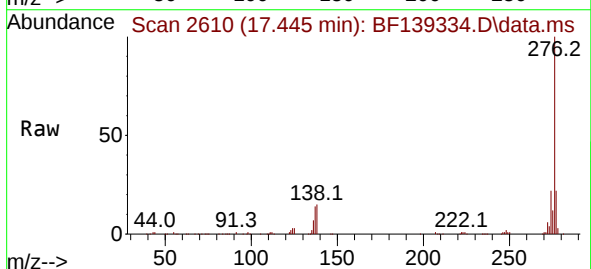
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#92
Benzo(g,h,i)perylene
Concen: 41.142 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.018 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07



Tgt Ion:276 Resp: 171264
Ion Ratio Lower Upper
276 100
277 22.3 18.6 27.8
138 15.3 17.4 26.0#

