

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139462.D
 Acq On : 19 Sep 2024 13:55
 Operator : RC/JU
 Sample : PB163516BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163516BSD

Quant Time: Sep 19 14:19:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	80271	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	301615	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	165934	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	300456	20.000	ng	0.00
76) Chrysene-d12	14.033	240	158385	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	152254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	591761	120.264	ng	0.02
7) Phenol-d6	6.510	99	772729	119.645	ng	0.00
23) Nitrobenzene-d5	7.445	82	524941	81.820	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	206076	116.653	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	960651	81.197	ng	0.00
79) Terphenyl-d14	12.980	244	885307	91.747	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	72780	36.867	ng	98
3) Pyridine	3.522	79	190927	43.866	ng	98
4) n-Nitrosodimethylamine	3.481	42	152311	40.373	ng	88
6) Aniline	6.540	93	219189	44.971	ng	# 80
8) 2-Chlorophenol	6.663	128	225438	44.508	ng	99
9) Benzaldehyde	6.428	77	46494	12.460	ng	98
10) Phenol	6.528	94	289309	43.982	ng	92
11) bis(2-Chloroethyl)ether	6.616	93	214823	42.968	ng	100
12) 1,3-Dichlorobenzene	6.822	146	238133	41.340	ng	99
13) 1,4-Dichlorobenzene	6.898	146	245333	42.146	ng	98
14) 1,2-Dichlorobenzene	7.045	146	231045	42.005	ng	99
15) Benzyl Alcohol	7.022	79	222275	43.137	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	393144	51.024	ng	98
17) 2-Methylphenol	7.134	107	180780	44.923	ng	99
18) Hexachloroethane	7.392	117	93814	42.312	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	174113	45.493	ng	99
20) 3+4-Methylphenols	7.287	107	235106	42.822	ng	91
22) Acetophenone	7.287	105	322139	40.854	ng	99
24) Nitrobenzene	7.463	77	265810	40.255	ng	98
25) Isophorone	7.698	82	463088	45.640	ng	99
26) 2-Nitrophenol	7.775	139	119546	46.469	ng	95
27) 2,4-Dimethylphenol	7.810	122	184145	54.265	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	263025	45.484	ng	98
29) 2,4-Dichlorophenol	8.016	162	188413	43.705	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	202227	40.260	ng	99
31) Naphthalene	8.181	128	667228	42.374	ng	100
32) Benzoic acid	7.934	122	124316	39.146	ng	95
33) 4-Chloroaniline	8.228	127	112703	23.396	ng	98
34) Hexachlorobutadiene	8.298	225	134700	39.471	ng	99
35) Caprolactam	8.604	113	59465m	44.842	ng	
36) 4-Chloro-3-methylphenol	8.716	107	214295	43.495	ng	97
37) 2-Methylnaphthalene	8.875	142	437071	43.731	ng	98
38) 1-Methylnaphthalene	8.975	142	401791	40.948	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	207462	42.186	ng	99
41) Hexachlorocyclopentadiene	9.022	237	255008	148.513	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	143317	44.794	ng	99

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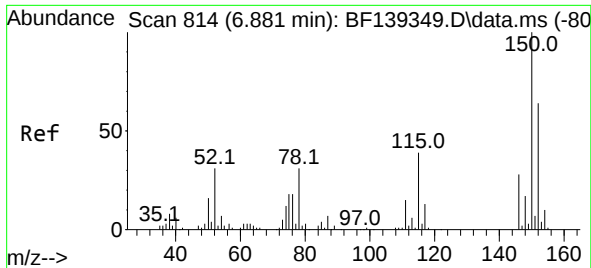
Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 09/22/2024

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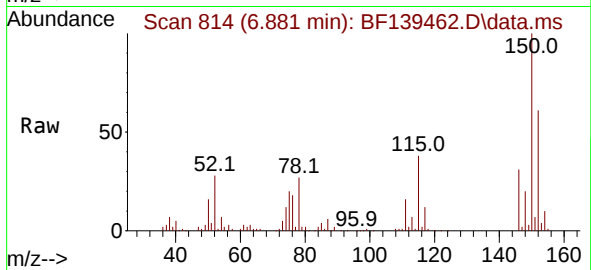
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	143322	42.467	ng	98
46) 1,1'-Biphenyl	9.339	154	541275	42.401	ng	100
47) 2-Chloronaphthalene	9.363	162	401242	42.037	ng	99
48) 2-Nitroaniline	9.457	65	154553	43.534	ng	99
49) Acenaphthylene	9.781	152	666974	46.421	ng	100
50) Dimethylphthalate	9.639	163	481411	44.203	ng	99
51) 2,6-Dinitrotoluene	9.698	165	106220	44.026	ng	97
52) Acenaphthene	9.951	154	481335	48.000	ng	100
53) 3-Nitroaniline	9.869	138	67784	28.112	ng	93
54) 2,4-Dinitrophenol	9.975	184	121702	90.525	ng	90
55) Dibenzofuran	10.122	168	607258	43.447	ng	96
56) 4-Nitrophenol	10.033	139	155901	78.140	ng	86
57) 2,4-Dinitrotoluene	10.104	165	143557	44.072	ng	97
58) Fluorene	10.463	166	474636	41.621	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	123822	44.352	ng	98
60) Diethylphthalate	10.333	149	489101	43.518	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	232892	42.022	ng	94
62) 4-Nitroaniline	10.481	138	101177	38.448	ng	92
63) Azobenzene	10.616	77	490906	44.409	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	75057	47.332	ng	98
66) n-Nitrosodiphenylamine	10.575	169	409152	46.578	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	136972	46.003	ng	98
68) Hexachlorobenzene	11.010	284	152337	43.595	ng	99
69) Atrazine	11.098	200	131988	63.114	ng	99
70) Pentachlorophenol	11.204	266	173344	82.671	ng	97
71) Phenanthrene	11.428	178	651786	44.964	ng	99
72) Anthracene	11.475	178	661157	46.650	ng	99
73) Carbazole	11.633	167	579135	42.694	ng	99
74) Di-n-butylphthalate	11.957	149	692879	45.853	ng	99
75) Fluoranthene	12.610	202	652157	42.128	ng	99
77) Benzidine	12.733	184	148923	65.628	ng	100
78) Pyrene	12.839	202	648371	47.676	ng	100
80) Butylbenzylphthalate	13.457	149	226461	48.922	ng	98
81) Benzo(a)anthracene	14.027	228	489459	46.653	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	103915	33.822	ng	97
83) Chrysene	14.063	228	430514	44.603	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	290629	49.354	ng	100
85) Di-n-octyl phthalate	14.621	149	446155	51.446	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	424574	46.896	ng	98
88) Benzo(b)fluoranthene	15.074	252	458253	48.802	ng	99
89) Benzo(k)fluoranthene	15.104	252	372079	42.976	ng	99
90) Benzo(a)pyrene	15.445	252	387589	49.770	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	345802	46.223	ng	99
92) Benzo(g,h,i)perylene	17.427	276	309635	41.802	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

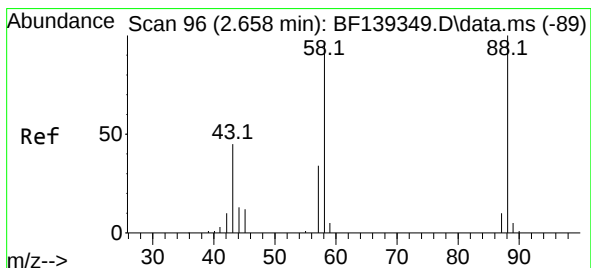
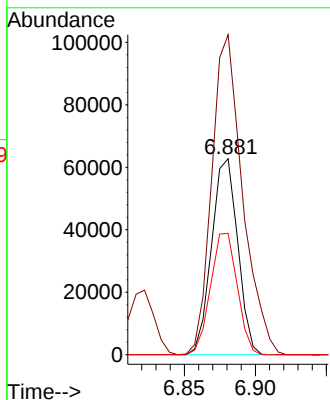
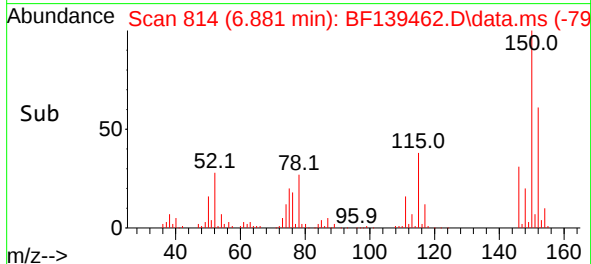
Instrument :
BNA_F
ClientSampleId :
PB163516BSD



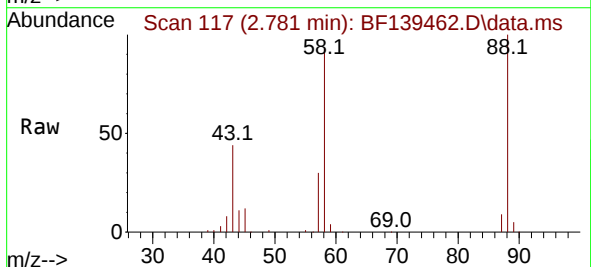
Tgt Ion: 152 Resp: 8027
Ion Ratio Lower Upper
152 100
150 163.2 124.1 186.1
115 61.8 48.1 72.1

Manual Integrations
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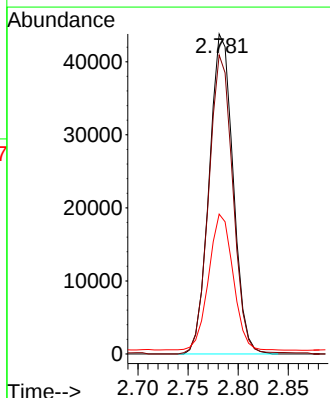
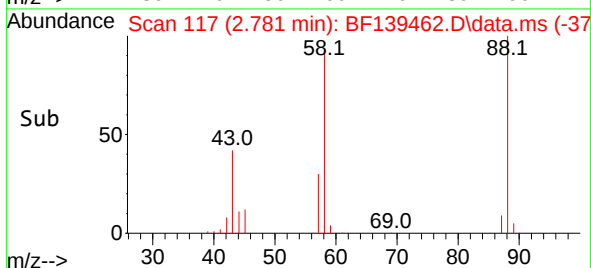
Reviewed By :Yogesh Patel 09/21/2024
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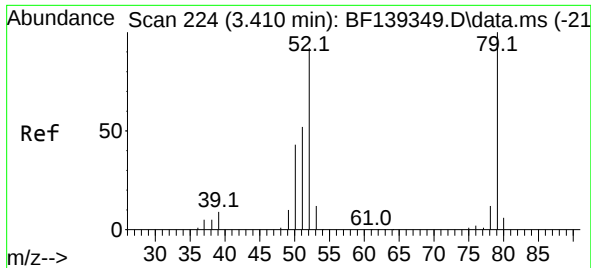


#2
1,4-Dioxane
Concen: 36.867 ng
RT: 2.781 min Scan# 117
Delta R.T. 0.123 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55



Tgt Ion: 88 Resp: 72780
Ion Ratio Lower Upper
88 100
58 94.5 74.8 112.2
43 43.6 36.4 54.6





#3

Pyridine

Concen: 43.866 ng

RT: 3.522 min Scan# 24

Delta R.T. 0.112 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

PB163516BSD

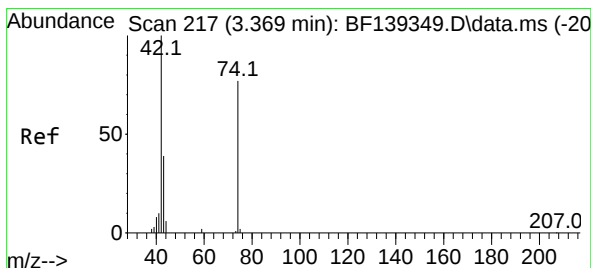
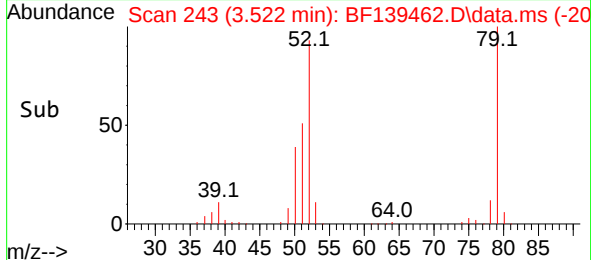
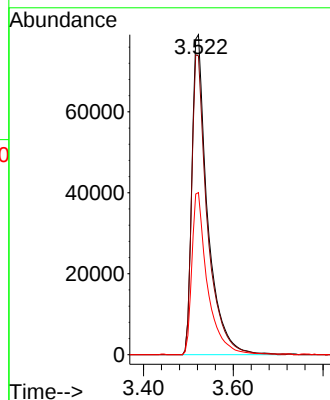
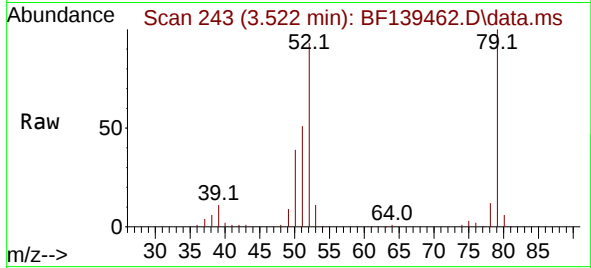
Tgt Ion:	79	Resp:	19092
Ion Ratio	Lower	Upper	
79	100		
52	93.4	73.8	110.8
51	50.6	41.8	62.6

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 40.373 ng

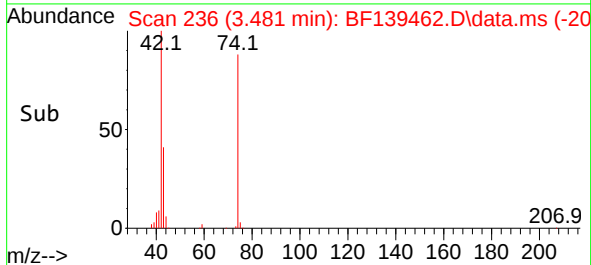
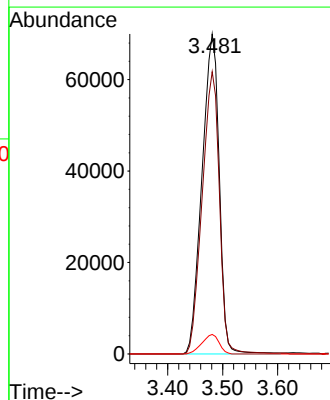
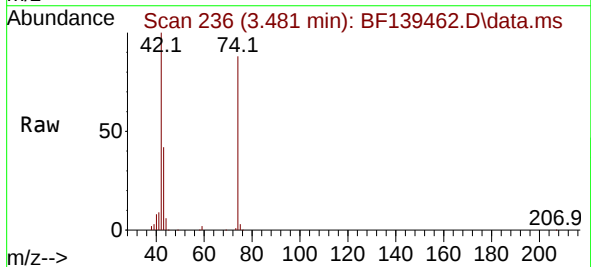
RT: 3.481 min Scan# 236

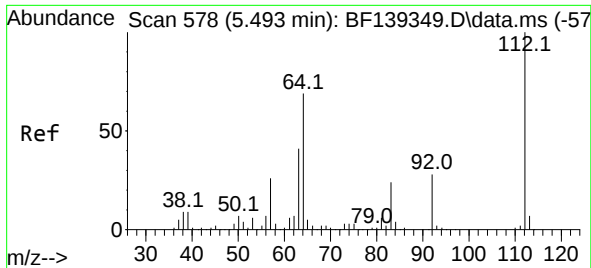
Delta R.T. 0.112 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

Tgt Ion:	42	Resp:	152311
Ion Ratio	Lower	Upper	
42	100		
74	88.2	61.8	92.8
44	6.1	4.8	7.2





#5
2-Fluorophenol
Concen: 120.264 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

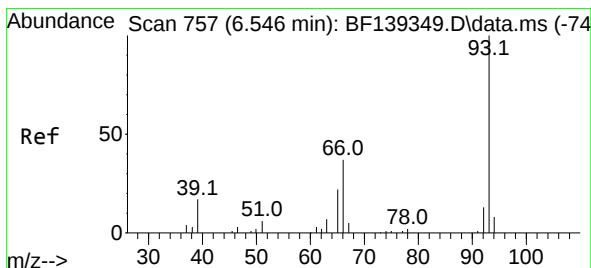
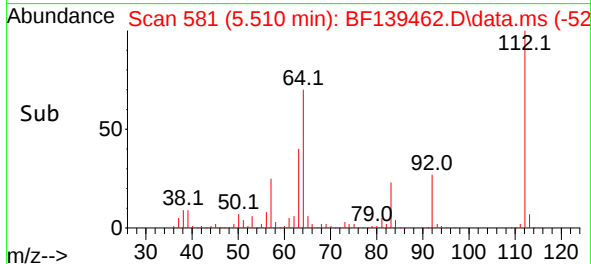
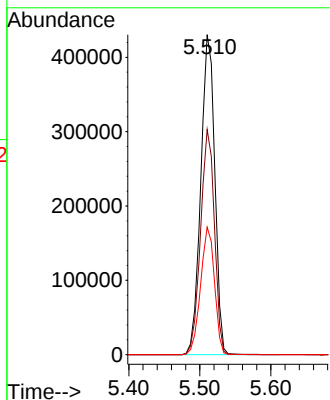
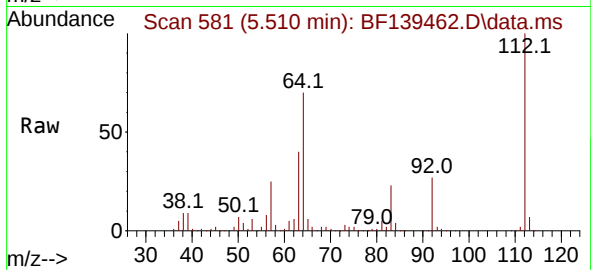
PB163516BSD

Tgt Ion:112 Resp: 59176
Ion Ratio Lower Upper
112 100
64 70.3 54.8 82.2
63 39.8 33.0 49.4

Manual Integrations

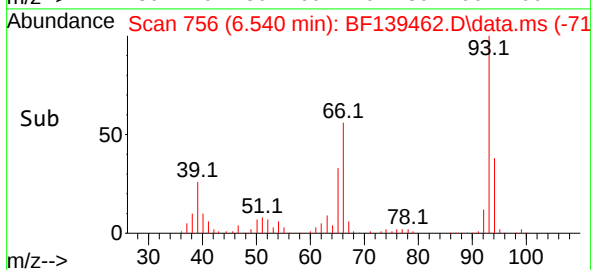
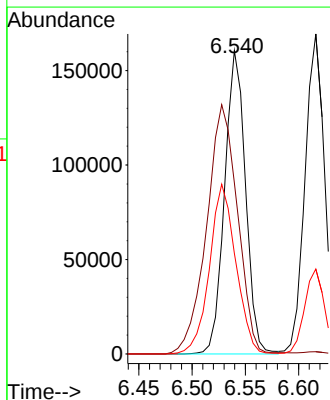
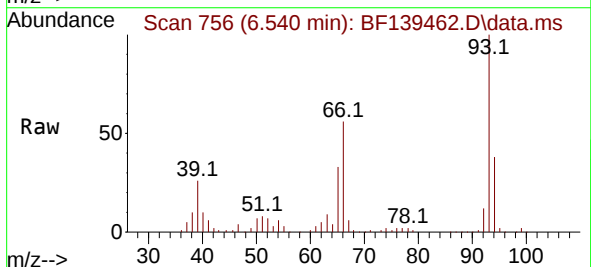
APPROVED

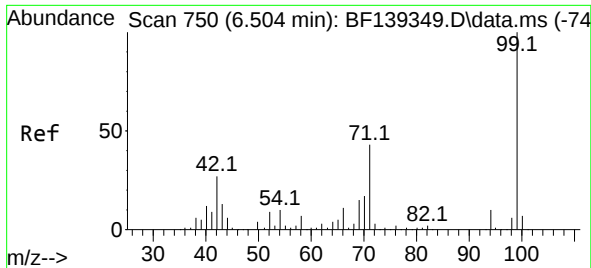
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#6
Aniline
Concen: 44.971 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

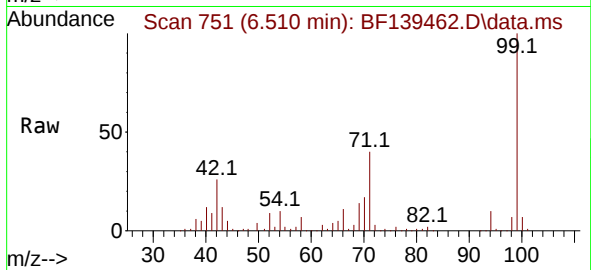
Tgt Ion: 93 Resp: 219189
Ion Ratio Lower Upper
93 100
66 56.4 35.4 53.0#
65 33.2 18.2 27.4#





#7
Phenol-d6
Concen: 119.645 ng
RT: 6.510 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

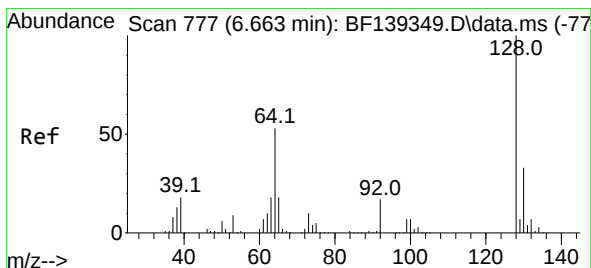
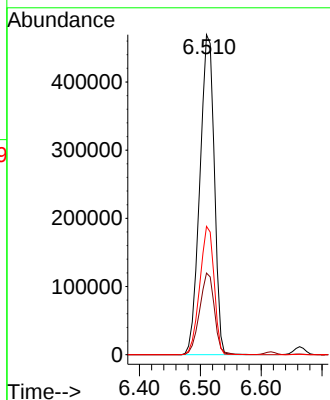
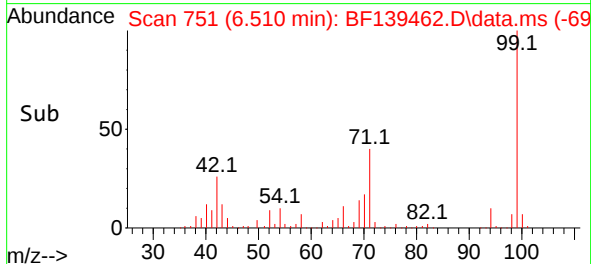
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 772729
Ion Ratio Lower Upper
99 100
42 25.5 21.9 32.9
71 40.1 34.6 52.0

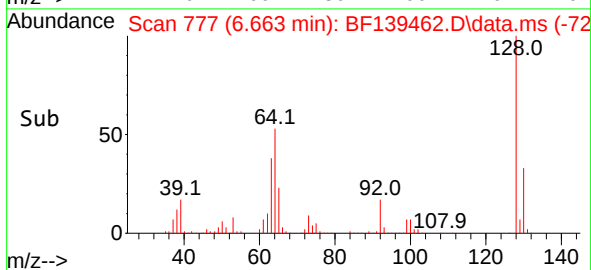
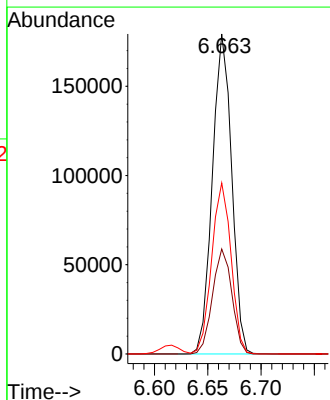
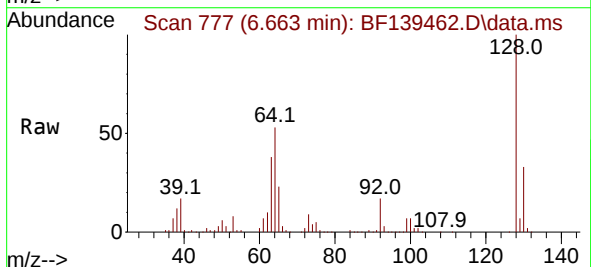
Manual Integrations
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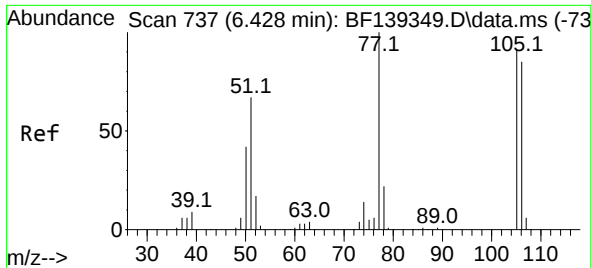
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#8
2-Chlorophenol
Concen: 44.508 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Tgt Ion:128 Resp: 225438
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 53.4 35.1 75.1





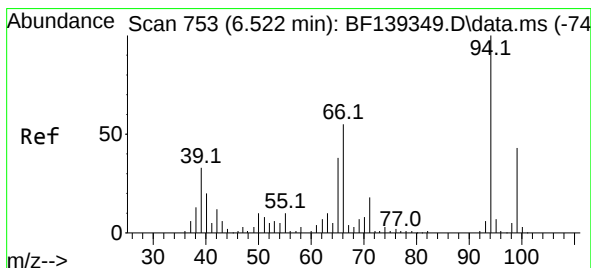
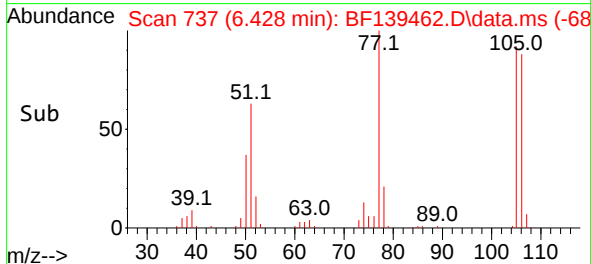
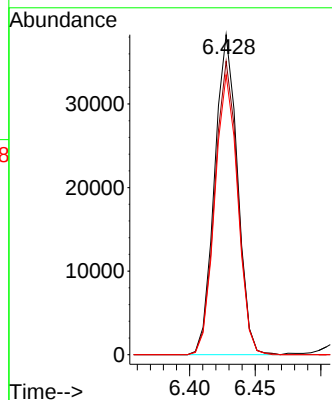
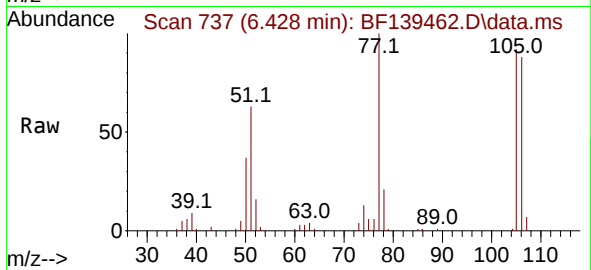
#9
Benzaldehyde
Concen: 12.460 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Instrument :
BNA_F
ClientSampleId :
PB163516BSD

Tgt Ion: 77 Resp: 46494
Ion Ratio Lower Upper
77 100
105 91.7 71.0 111.0
106 87.5 64.9 104.9

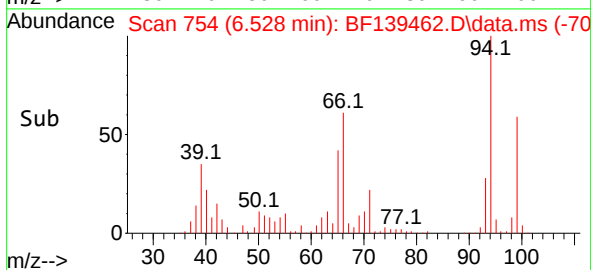
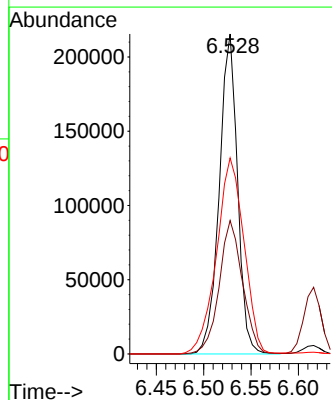
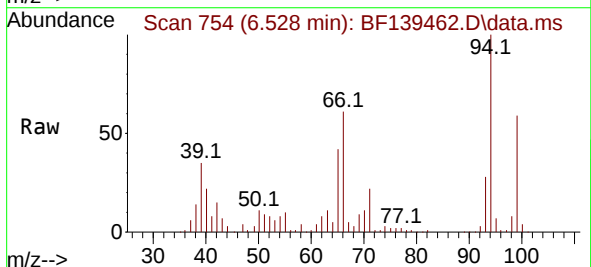
Manual Integrations
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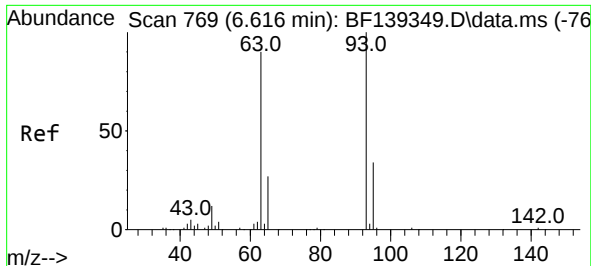
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#10
Phenol
Concen: 43.982 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Tgt Ion: 94 Resp: 289309
Ion Ratio Lower Upper
94 100
65 41.7 17.6 57.6
66 61.2 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 42.968 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

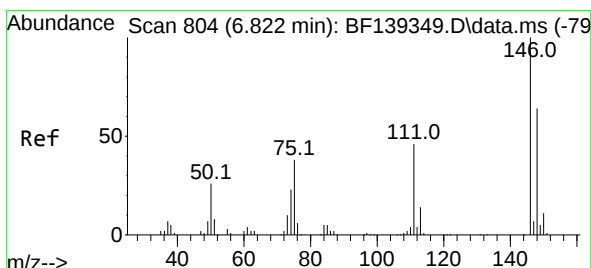
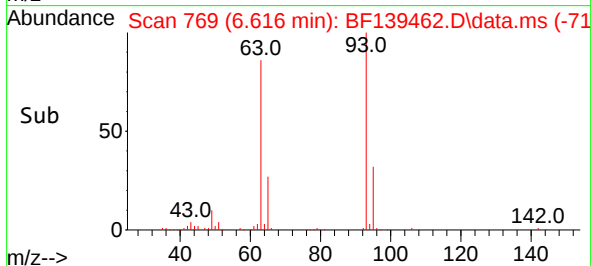
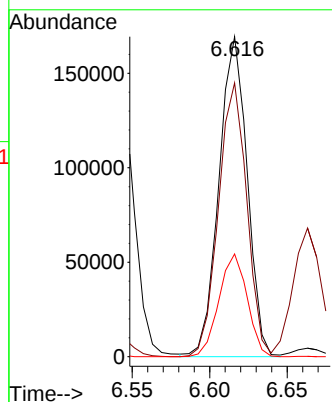
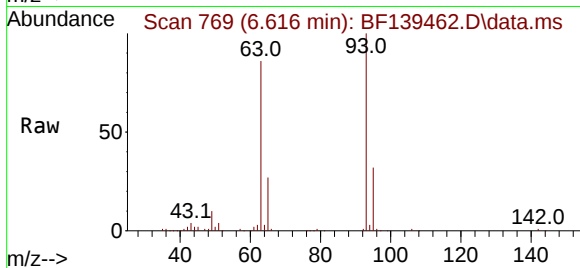
ClientSampleId :

PB163516BSD

Tgt Ion: 93 Resp: 21482
Ion Ratio Lower Upper
93 100
63 85.6 65.3 105.3
95 32.1 12.4 52.4

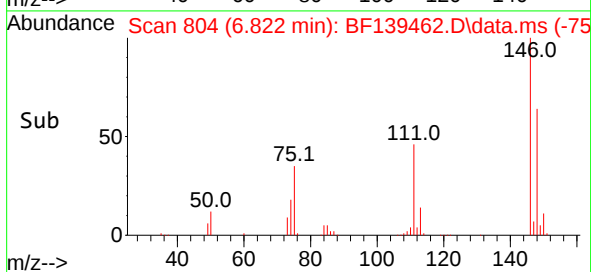
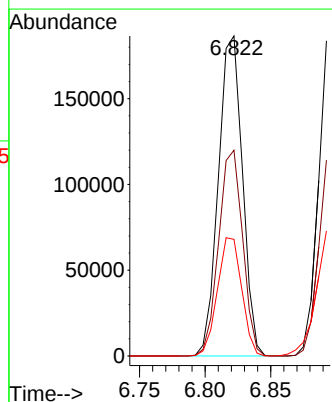
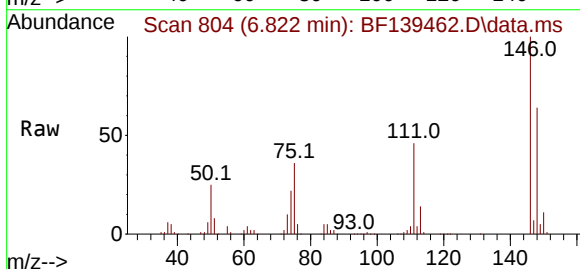
Manual Integrations
APPROVED

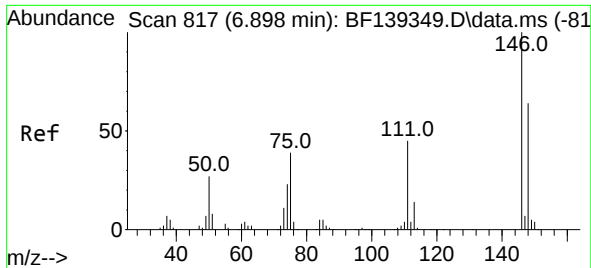
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#12
1,3-Dichlorobenzene
Concen: 41.340 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Tgt Ion:146 Resp: 238133
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
75 36.5 30.6 46.0





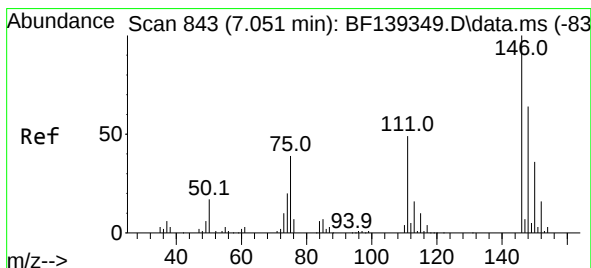
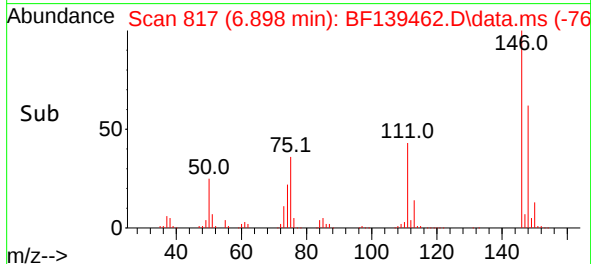
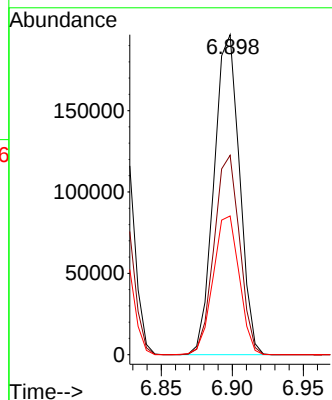
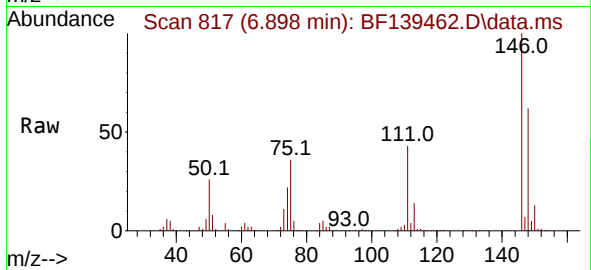
#13
1,4-Dichlorobenzene
Concen: 42.146 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Instrument :
BNA_F
ClientSampleId :
PB163516BSD

Tgt Ion:146 Resp: 24533
Ion Ratio Lower Upper
146 100
148 62.3 50.9 76.3
111 43.4 36.3 54.5

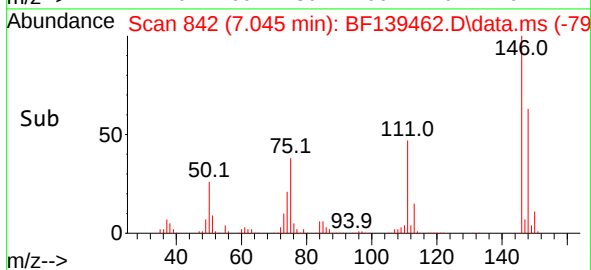
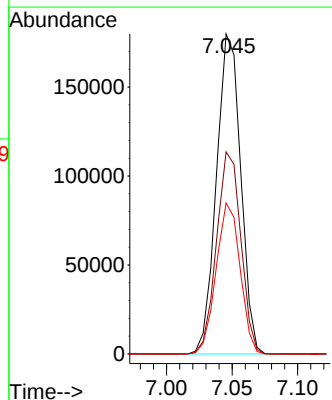
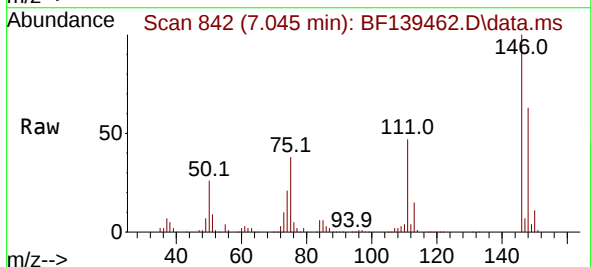
Manual Integrations
APPROVED

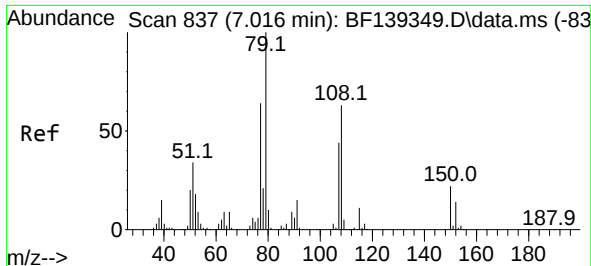
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#14
1,2-Dichlorobenzene
Concen: 42.005 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

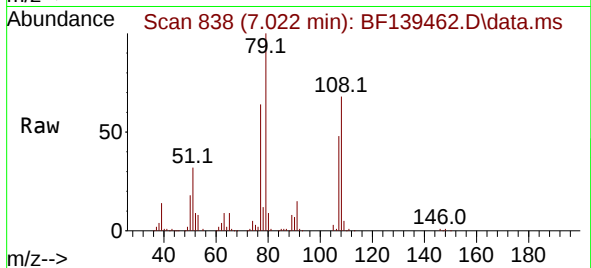
Tgt Ion:146 Resp: 231045
Ion Ratio Lower Upper
146 100
148 63.2 50.9 76.3
111 47.2 38.9 58.3





#15
Benzyl Alcohol
Concen: 43.137 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

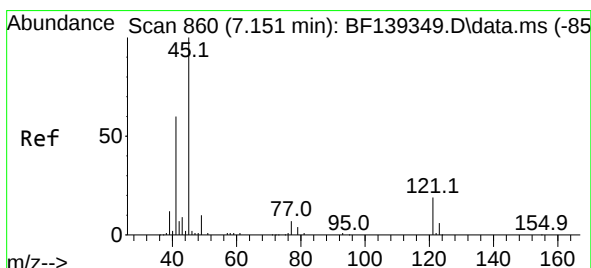
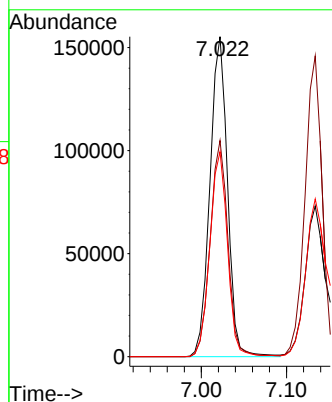
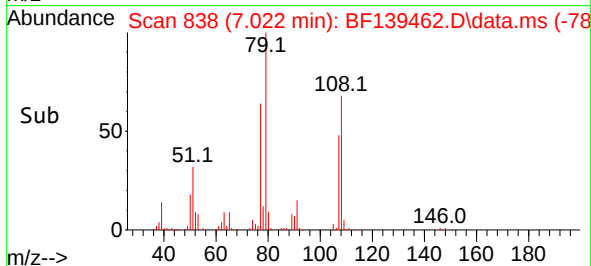
Instrument :
BNA_F
ClientSampleId :
PB163516BSD



Tgt Ion: 79 Resp: 222275
Ion Ratio Lower Upper
79 100
108 67.6 50.4 75.6
77 64.0 51.4 77.2

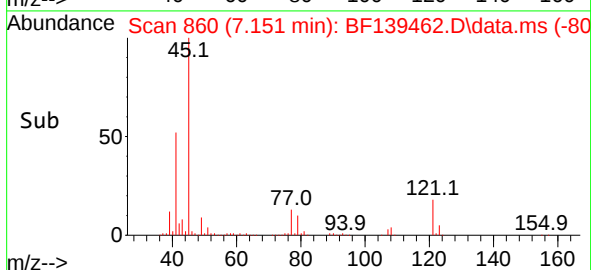
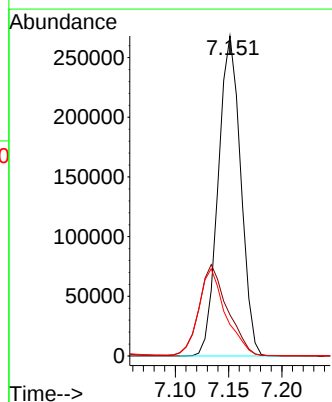
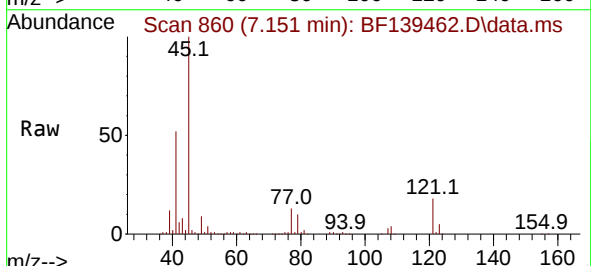
Manual Integrations
APPROVED

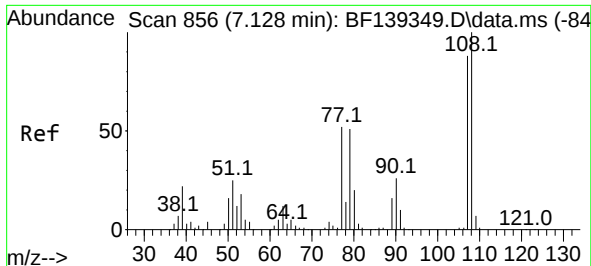
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.024 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Tgt Ion: 45 Resp: 393144
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.0
79 9.8 0.0 29.1





#17
2-Methylphenol
Concen: 44.923 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

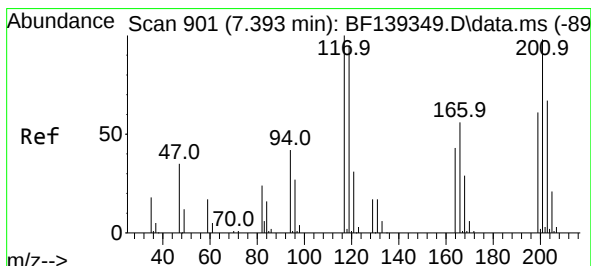
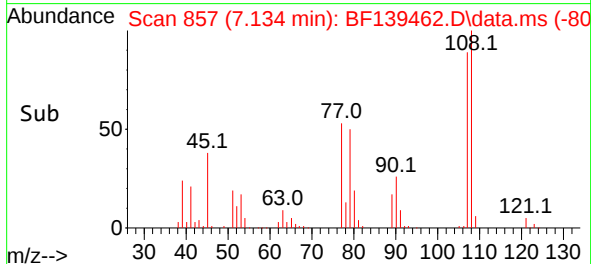
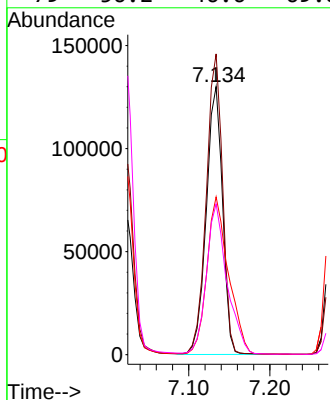
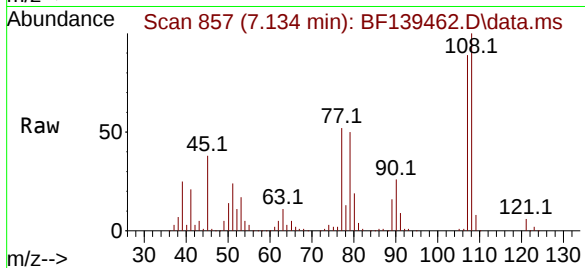
PB163516BSD

Tgt Ion:107 Resp: 180780
Ion Ratio Lower Upper
107 100
108 112.1 90.5 135.7
77 58.8 47.1 70.7
79 56.2 46.6 69.8

Manual Integrations

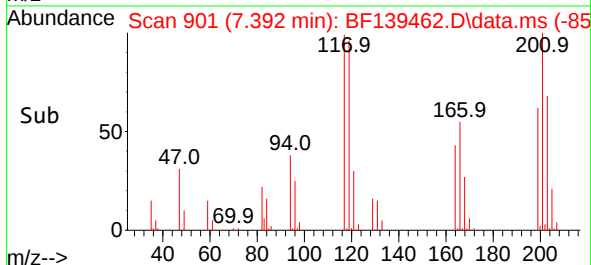
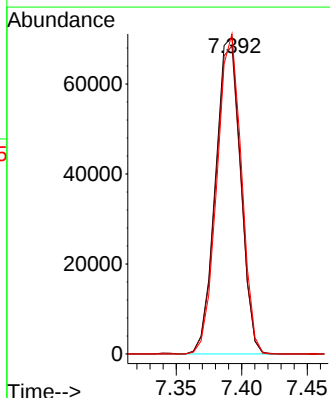
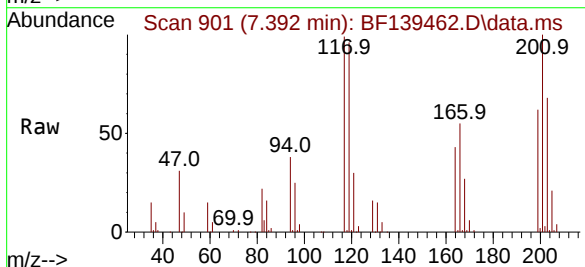
APPROVED

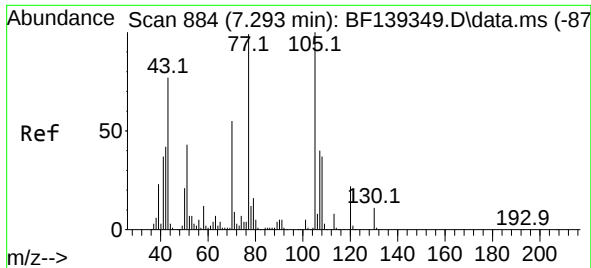
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 42.312 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

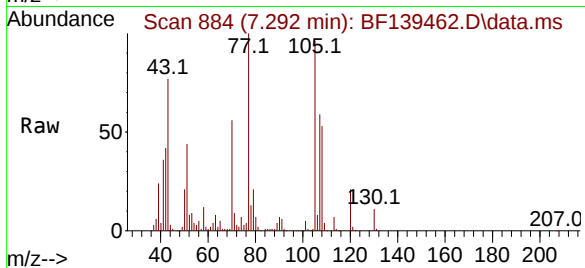
Tgt Ion:117 Resp: 93814
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8
201 101.0 78.6 118.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.493 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

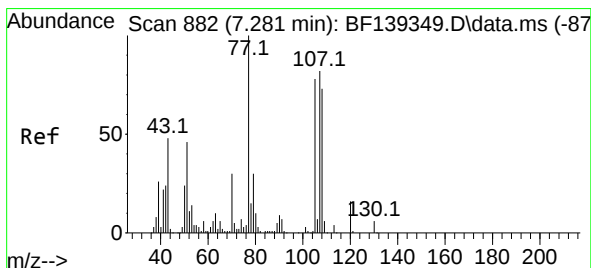
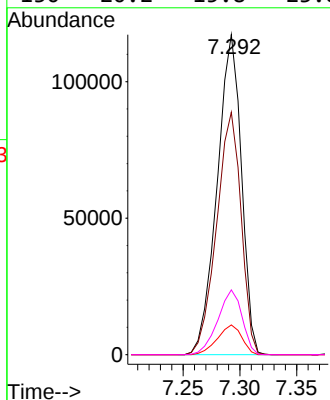
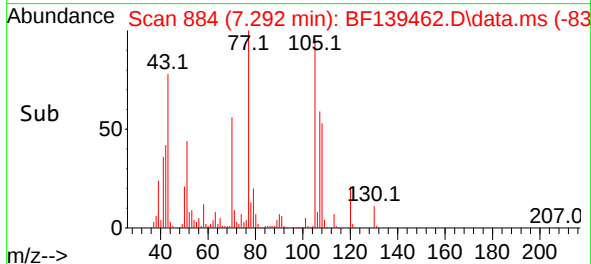
Instrument :
BNA_F
ClientSampleId :
PB163516BSD



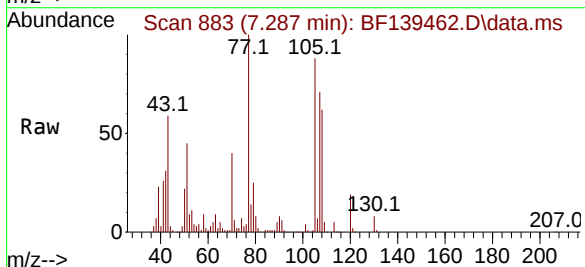
Tgt Ion: 70 Resp: 17411
Ion Ratio Lower Upper
70 100
42 75.8 61.2 91.8
101 9.3 7.5 11.3
130 20.2 15.8 23.8

Manual Integrations
APPROVED

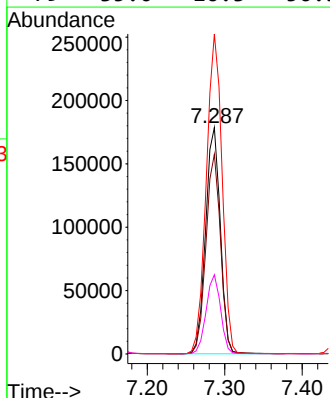
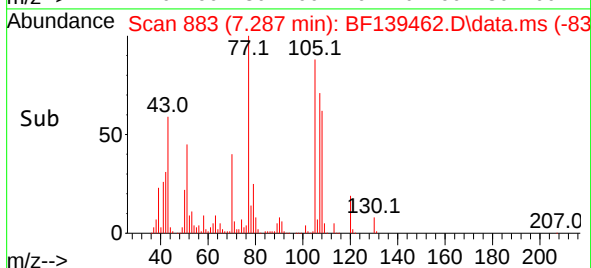
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

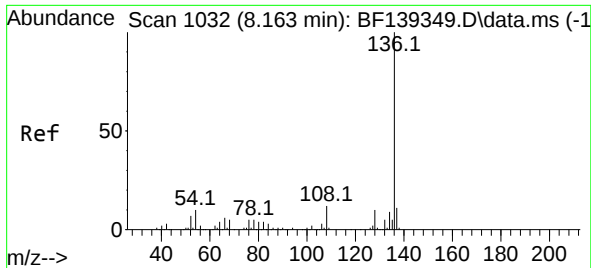


#20
3+4-Methylphenols
Concen: 42.822 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55



Tgt Ion:107 Resp: 235106
Ion Ratio Lower Upper
107 100
108 88.2 68.6 108.6
77 141.3 101.6 141.6
79 35.0 16.3 56.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

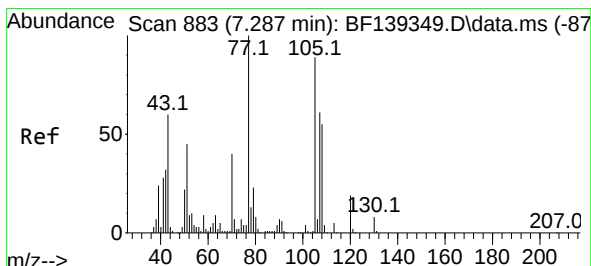
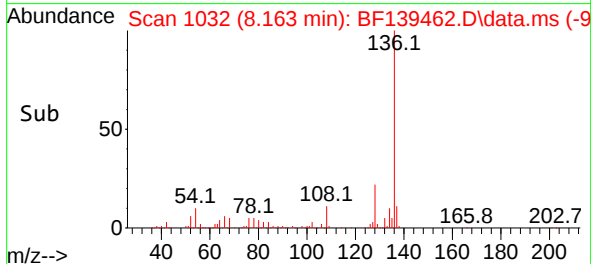
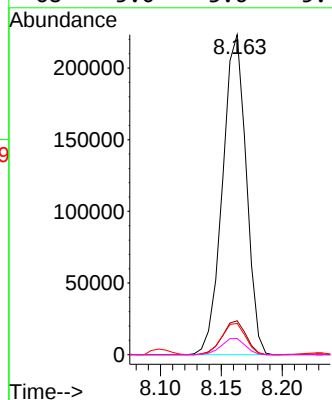
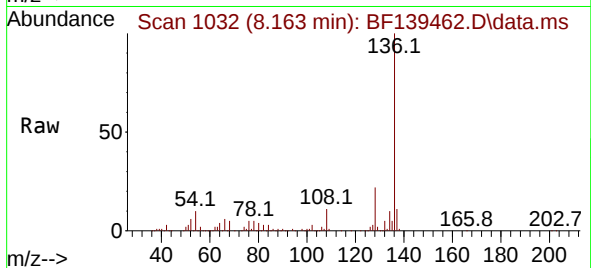
PB163516BSD

Tgt Ion:136 Resp: 30161
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.7 7.8 11.8
68 5.0 3.6 5.4

Manual Integrations

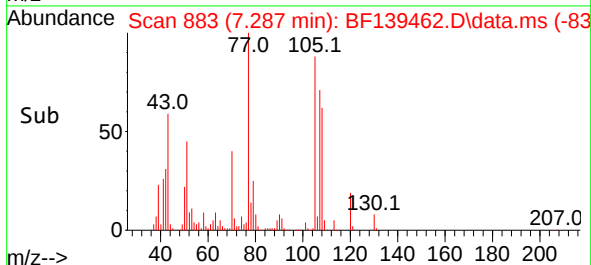
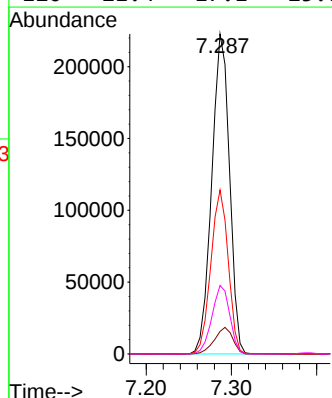
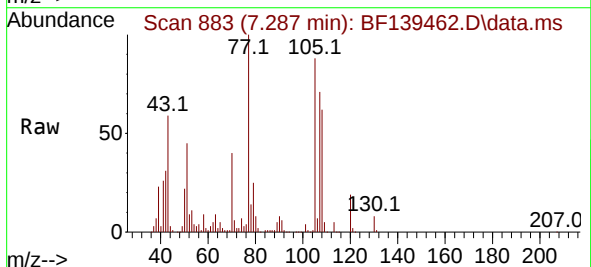
APPROVED

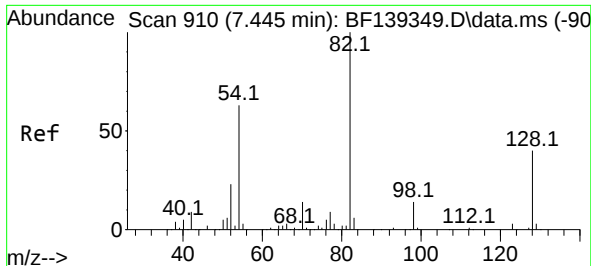
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#22
Acetophenone
Concen: 40.854 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Tgt Ion:105 Resp: 322139
Ion Ratio Lower Upper
105 100
71 7.1 5.9 8.9
51 51.2 40.0 60.0
120 21.4 17.1 25.7





#23

Nitrobenzene-d5

Concen: 81.820 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

PB163516BSD

Tgt Ion: 82 Resp: 52494

Ion Ratio Lower Upper

82 100

128 40.8 31.8 47.6

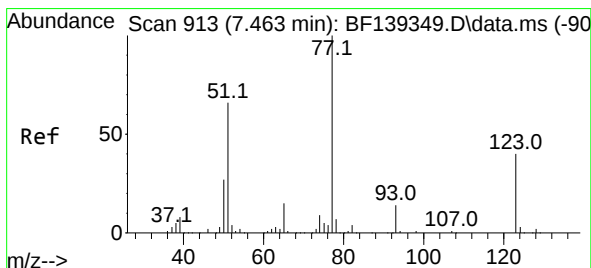
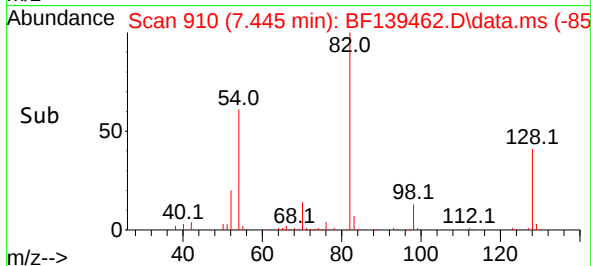
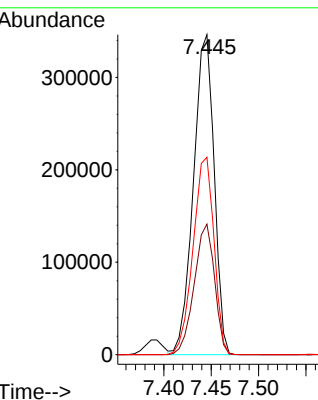
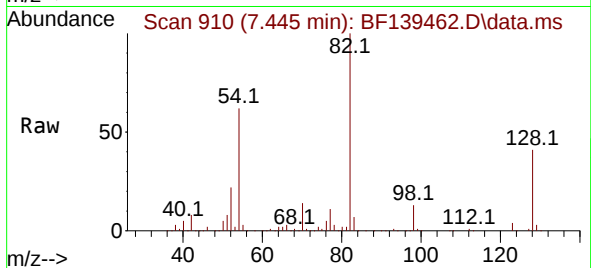
54 61.7 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#24

Nitrobenzene

Concen: 40.255 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

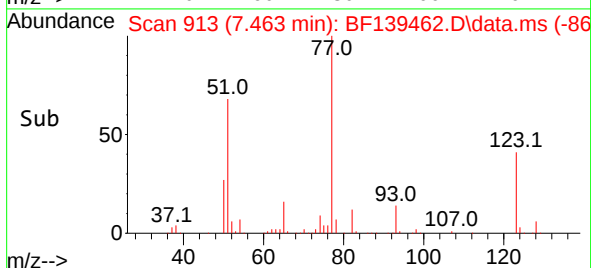
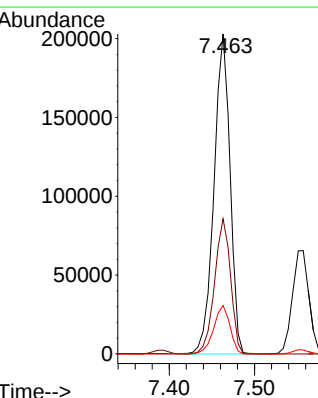
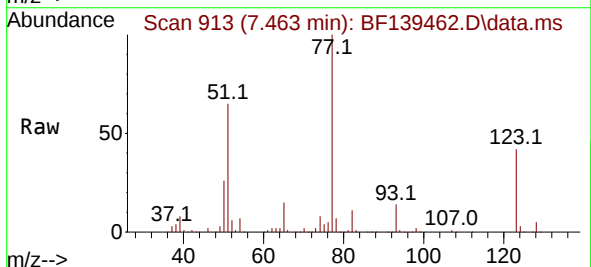
Tgt Ion: 77 Resp: 265810

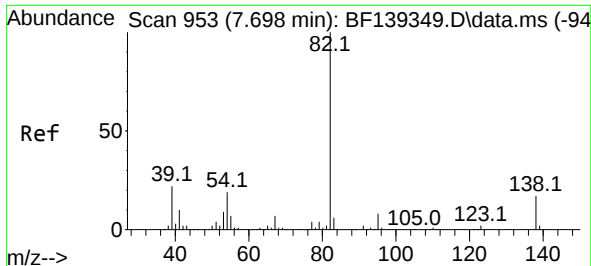
Ion Ratio Lower Upper

77 100

123 42.3 32.2 48.4

65 15.2 12.2 18.4





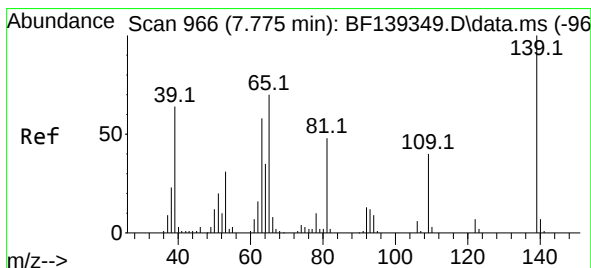
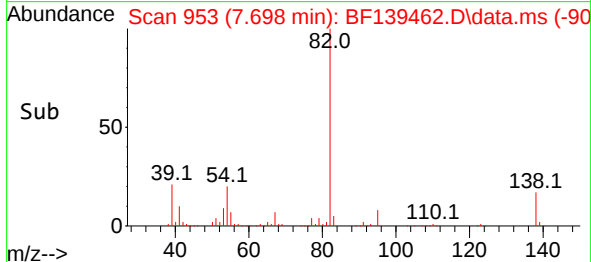
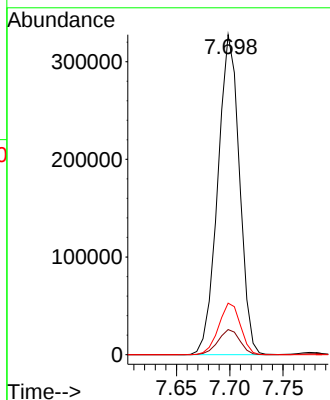
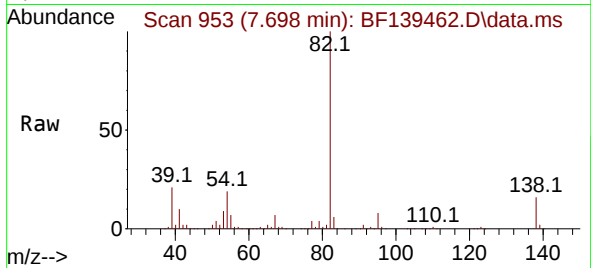
#25
Isophorone
Concen: 45.640 ng
RT: 7.698 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Instrument :
BNA_F
ClientSampleId :
PB163516BSD

Tgt Ion: 82 Resp: 463088
Ion Ratio Lower Upper
82 100
95 7.9 6.7 10.1
138 16.1 13.3 19.9

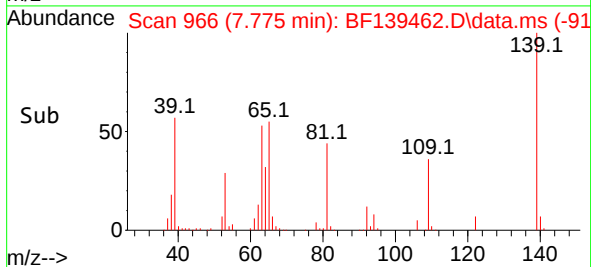
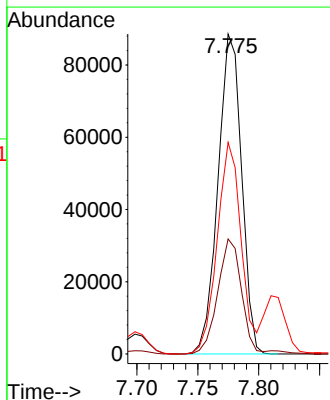
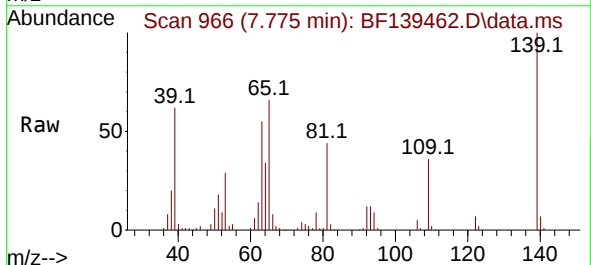
Manual Integrations
APPROVED

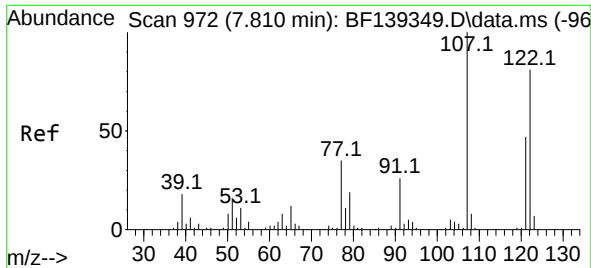
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 46.469 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

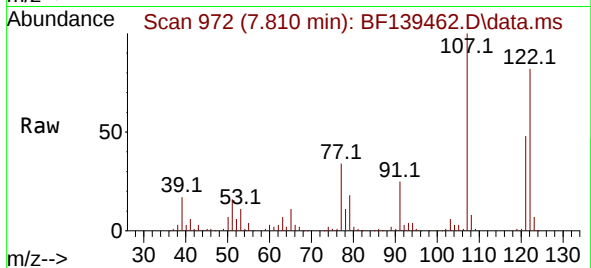
Tgt Ion:139 Resp: 119546
Ion Ratio Lower Upper
139 100
109 36.0 32.2 48.2
65 66.1 55.8 83.8





#27
2,4-Dimethylphenol
Concen: 54.265 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

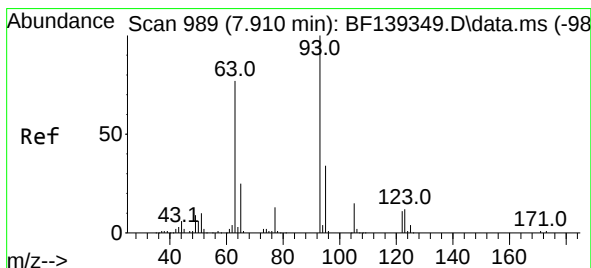
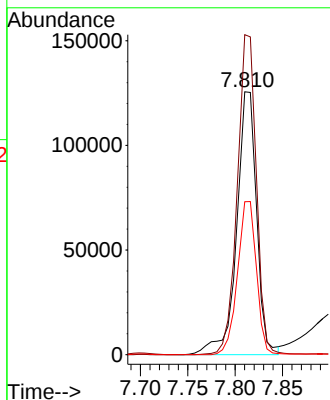
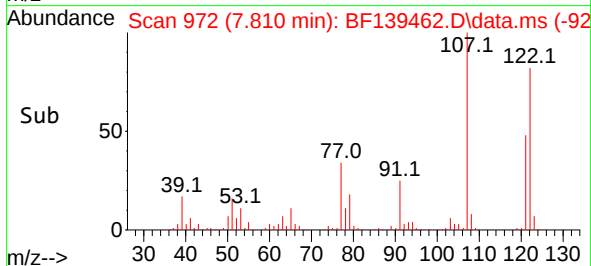
Instrument :
BNA_F
ClientSampleId :
PB163516BSD



Tgt Ion:122 Resp: 18414
Ion Ratio Lower Upper
122 100
107 121.7 99.1 148.7
121 58.2 46.6 70.0

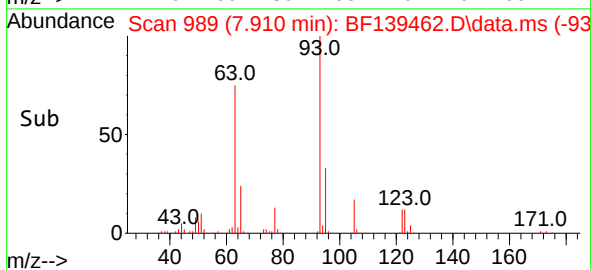
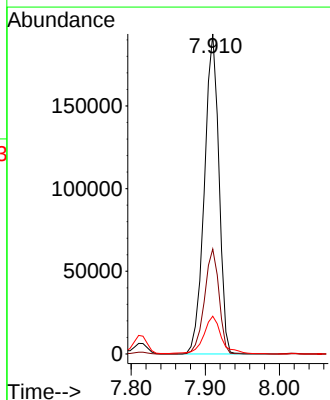
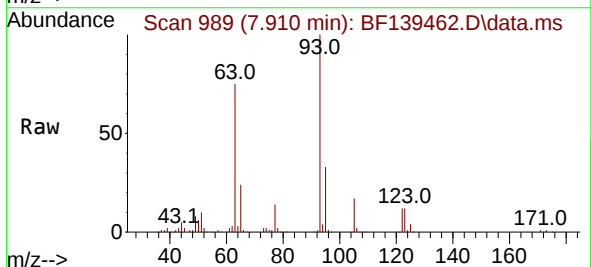
Manual Integrations
APPROVED

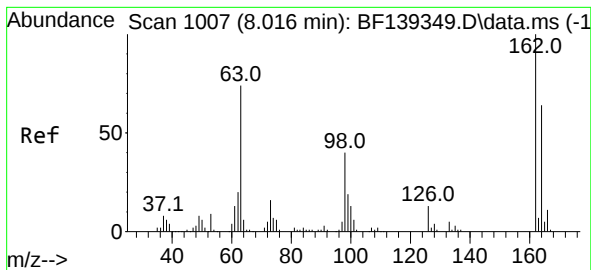
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.484 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

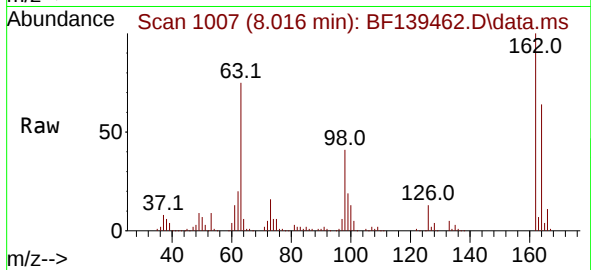
Tgt Ion: 93 Resp: 263025
Ion Ratio Lower Upper
93 100
95 32.8 26.9 40.3
123 11.8 10.0 15.0





#29
2,4-Dichlorophenol
Concen: 43.705 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

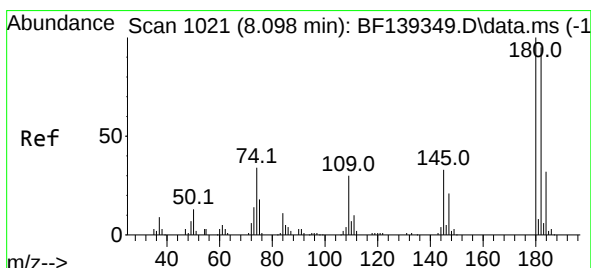
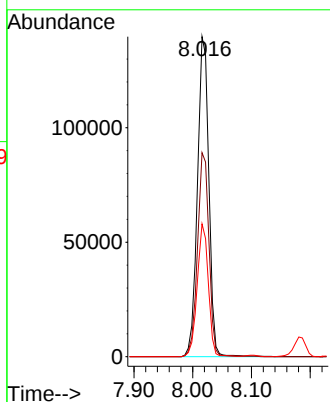
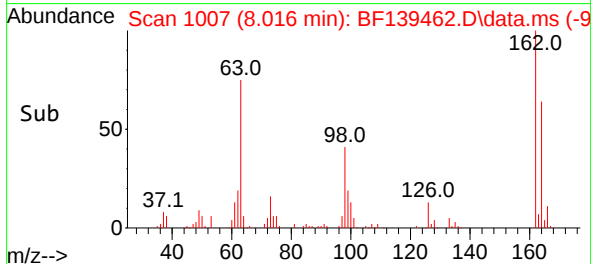
Instrument :
BNA_F
ClientSampleId :
PB163516BSD



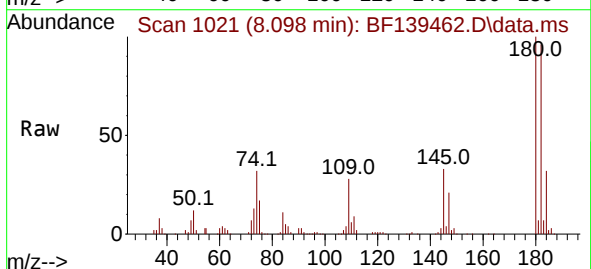
Tgt Ion:162 Resp: 18841
Ion Ratio Lower Upper
162 100
164 63.8 43.6 83.6
98 41.5 19.7 59.7

Manual Integrations
APPROVED

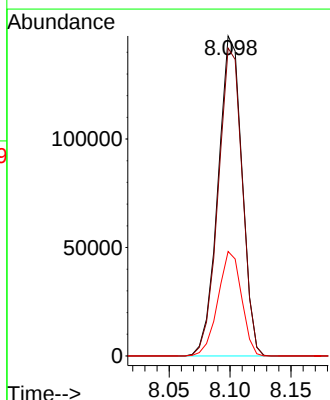
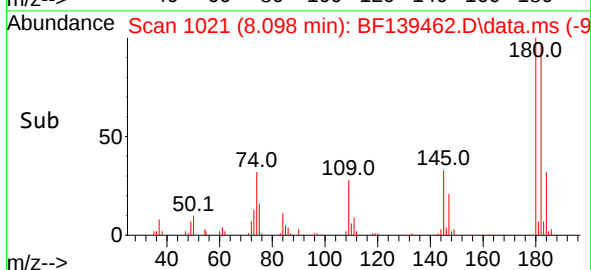
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

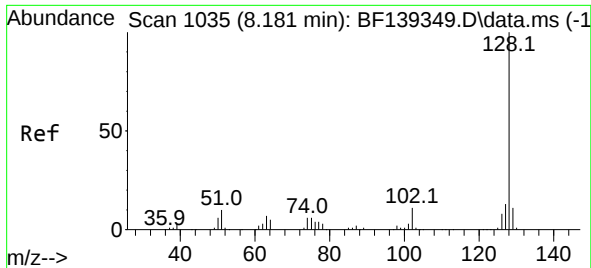


#30
1,2,4-Trichlorobenzene
Concen: 40.260 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55



Tgt Ion:180 Resp: 202227
Ion Ratio Lower Upper
180 100
182 96.2 75.7 113.5
145 32.6 26.5 39.7





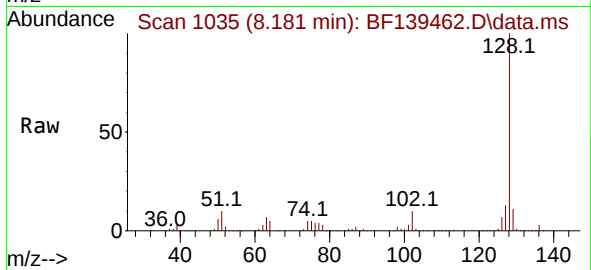
#31
Naphthalene
Concen: 42.374 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

PB163516BSD

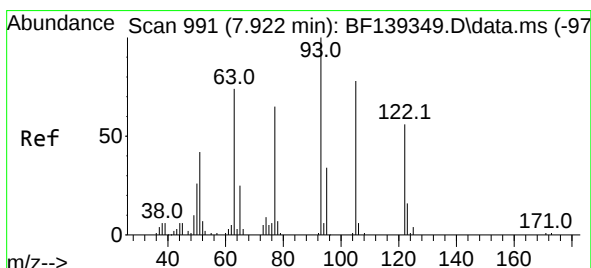
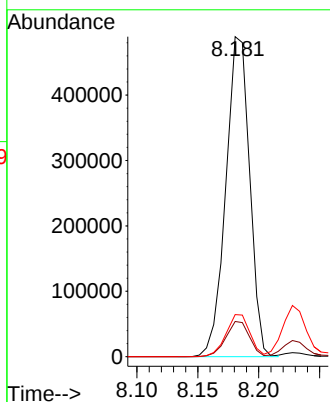
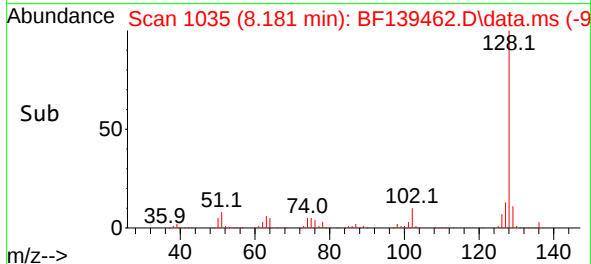


Tgt Ion:128 Resp: 667228
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.6 16.0

Manual Integrations

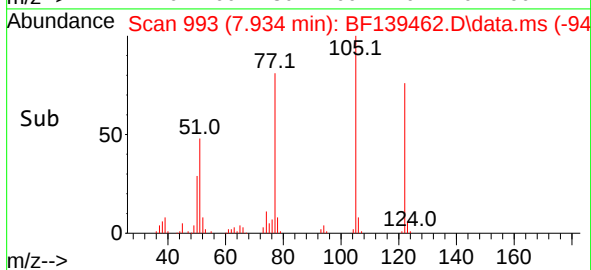
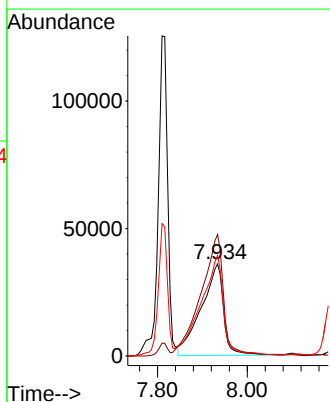
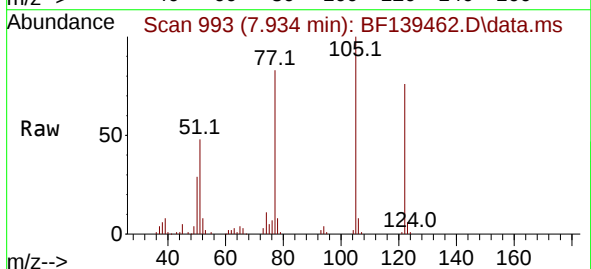
APPROVED

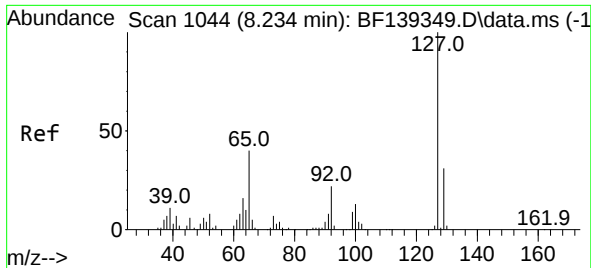
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#32
Benzoic acid
Concen: 39.146 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Tgt Ion:122 Resp: 124316
Ion Ratio Lower Upper
122 100
105 132.0 117.1 157.1
77 109.0 95.4 135.4





#33
4-Chloroaniline
Concen: 23.396 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

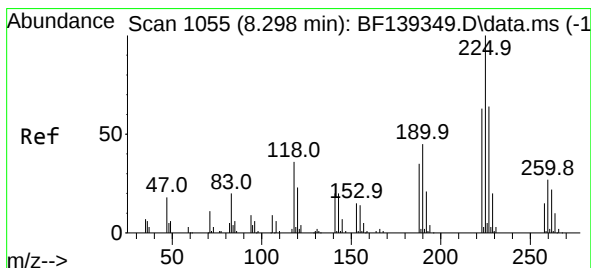
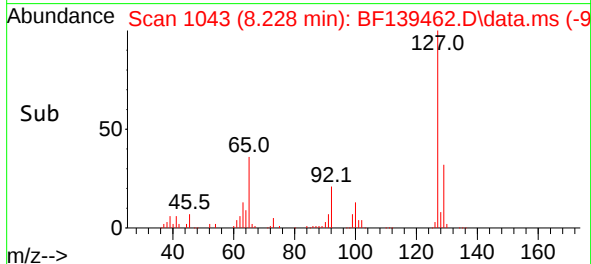
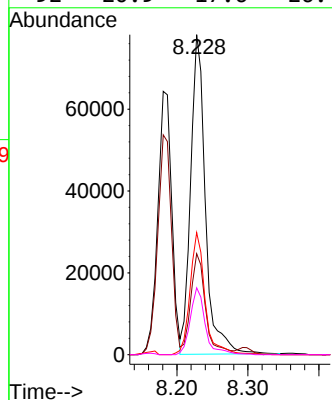
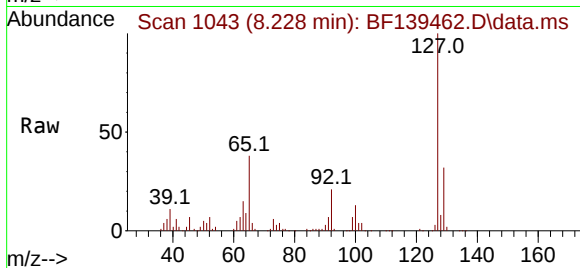
PB163516BSD

Tgt Ion:127 Resp: 112700
Ion Ratio Lower Upper
127 100
129 31.6 25.5 38.3
65 38.2 31.5 47.3
92 20.9 17.6 26.4

Manual Integrations

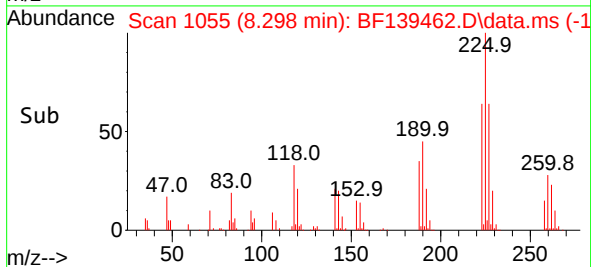
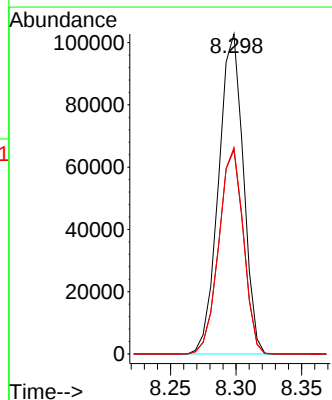
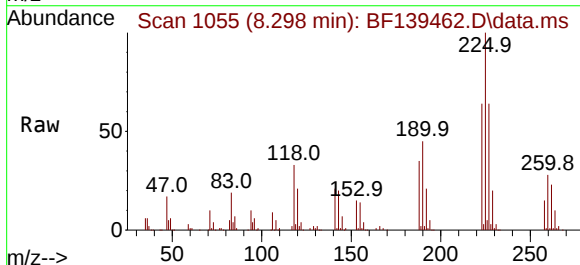
APPROVED

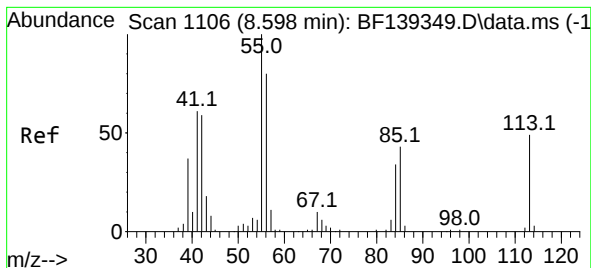
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#34
Hexachlorobutadiene
Concen: 39.471 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Tgt Ion:225 Resp: 134700
Ion Ratio Lower Upper
225 100
223 63.8 50.1 75.1
227 64.5 51.0 76.6





#35

Caprolactam

Concen: 44.842 ng m

RT: 8.604 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

PB163516BSD

Tgt Ion:113 Resp: 5946

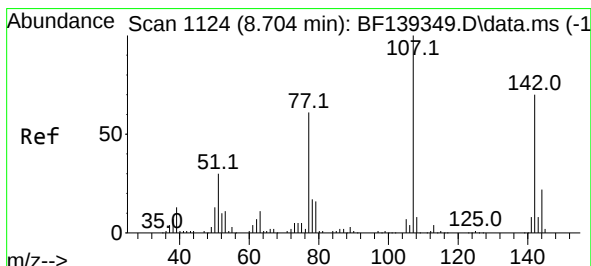
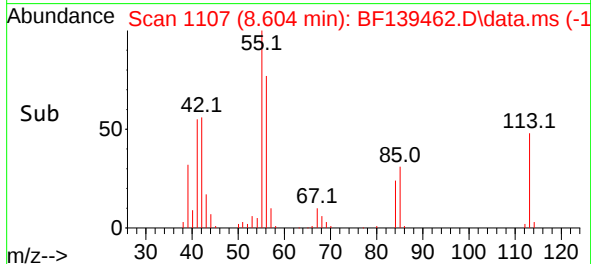
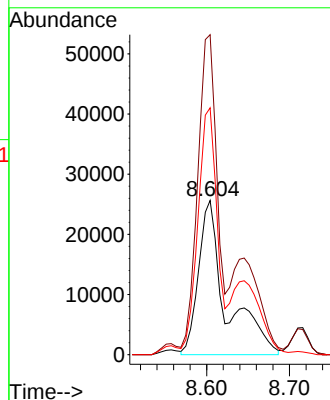
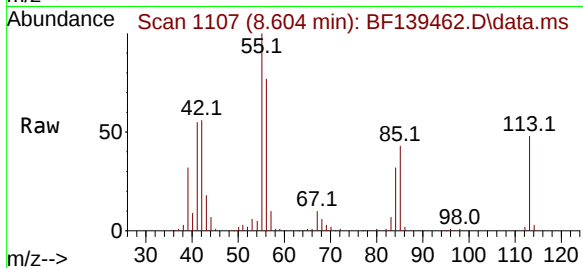
Ion	Ratio	Lower	Upper
113	100		
55	207.5	186.1	226.1
56	160.1	144.9	184.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#36

4-Chloro-3-methylphenol

Concen: 43.495 ng

RT: 8.716 min Scan# 1126

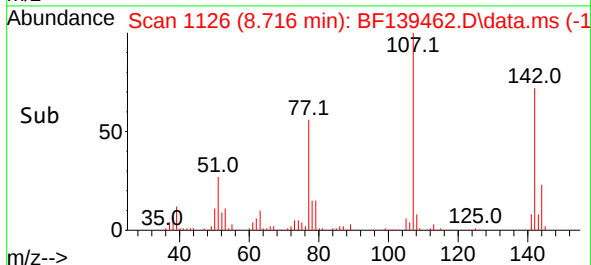
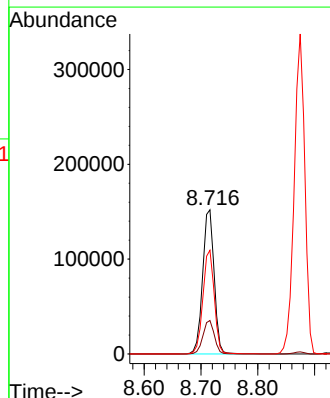
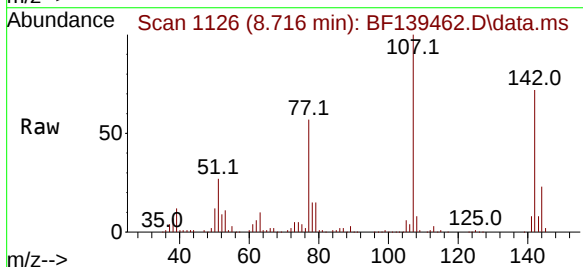
Delta R.T. 0.012 min

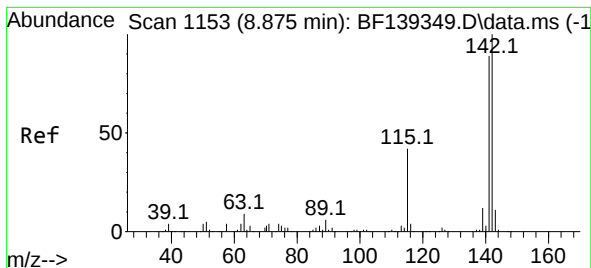
Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

Tgt Ion:107 Resp: 214295

Ion	Ratio	Lower	Upper
107	100		
144	23.2	17.5	26.3
142	72.0	55.8	83.8





#37

2-Methylnaphthalene

Concen: 43.731 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

PB163516BSD

Tgt Ion:142 Resp: 43707

Ion Ratio Lower Upper

142 100

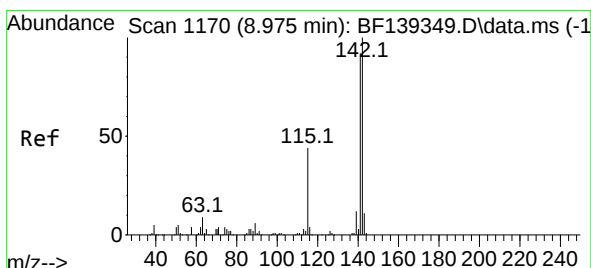
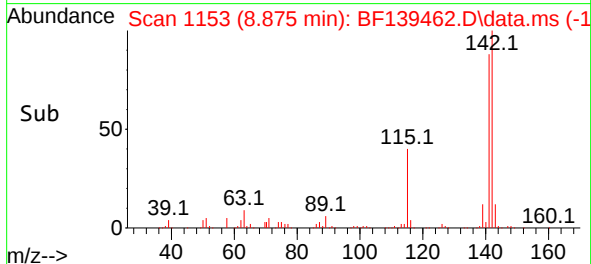
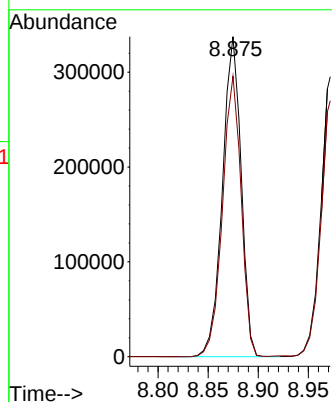
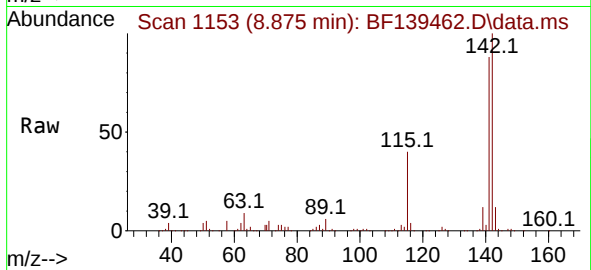
141 87.6 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#38

1-Methylnaphthalene

Concen: 40.948 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF139462.D

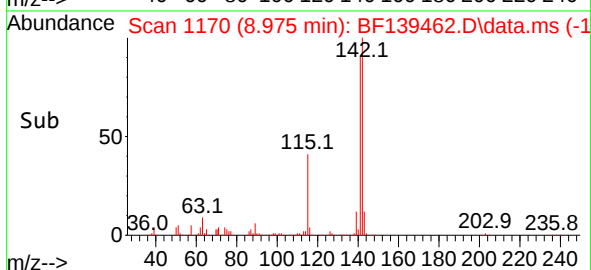
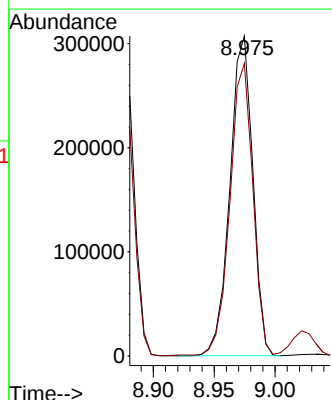
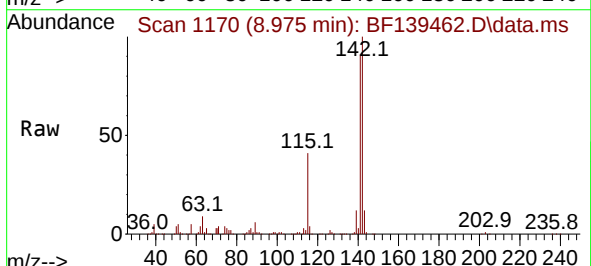
Acq: 19 Sep 2024 13:55

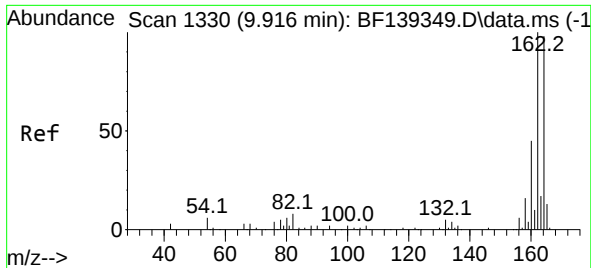
Tgt Ion:142 Resp: 401791

Ion Ratio Lower Upper

142 100

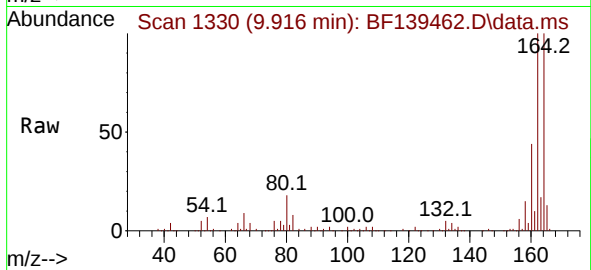
141 91.5 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

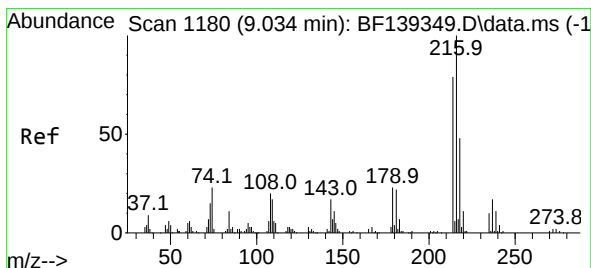
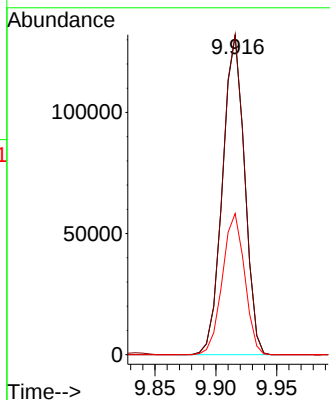
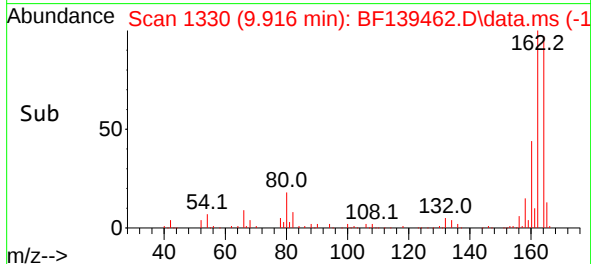
Instrument :
BNA_F
ClientSampleId :
PB163516BSD



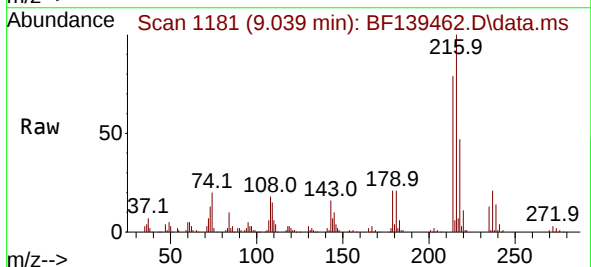
Tgt Ion:164 Resp: 165934
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 44.3 36.4 54.6

Manual Integrations
APPROVED

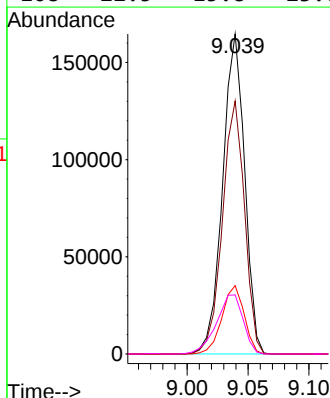
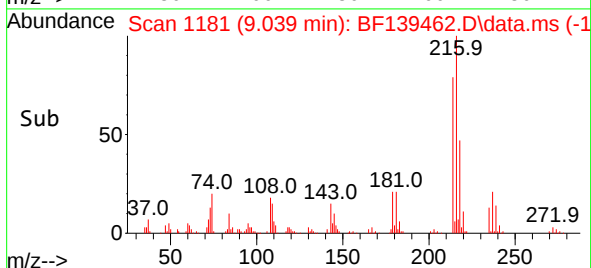
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

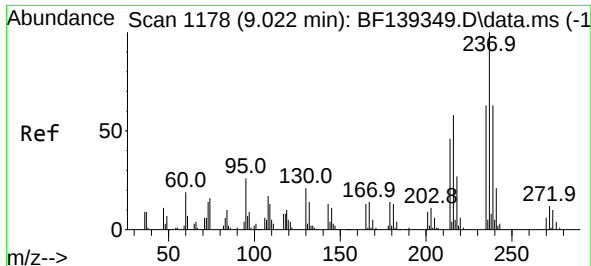


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.186 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55



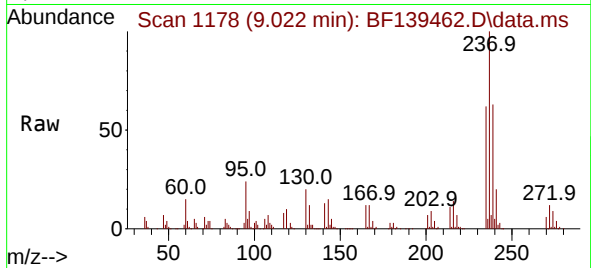
Tgt Ion:216 Resp: 207462
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.0
179 21.5 18.2 27.2
108 22.5 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 148.513 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

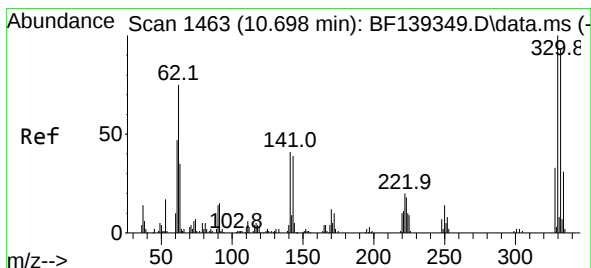
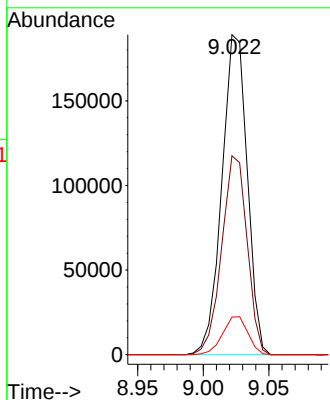
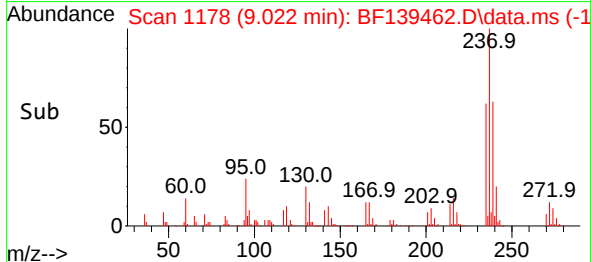
Instrument :
BNA_F
ClientSampleId :
PB163516BSD



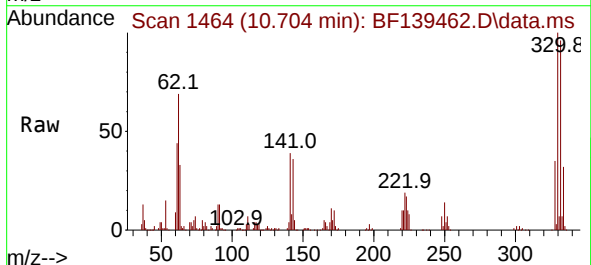
Tgt Ion: 237 Resp: 255008
Ion Ratio Lower Upper
237 100
235 62.1 42.7 82.7
272 11.8 0.0 32.5

Manual Integrations
APPROVED

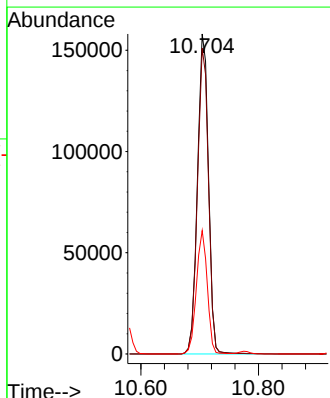
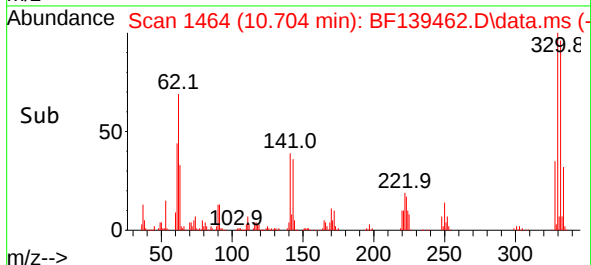
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

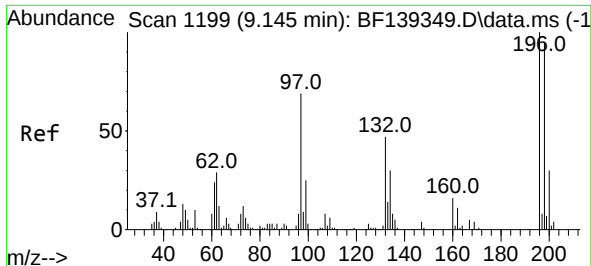


#42
2,4,6-Tribromophenol
Concen: 116.653 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55



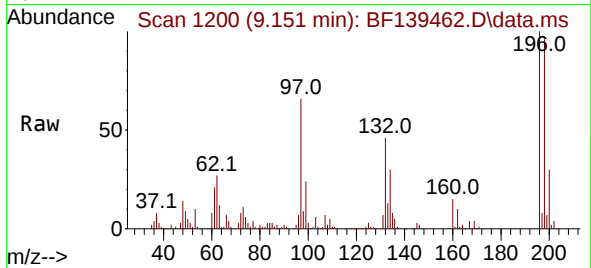
Tgt Ion: 330 Resp: 206076
Ion Ratio Lower Upper
330 100
332 95.6 75.2 112.8
141 37.9 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 44.794 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

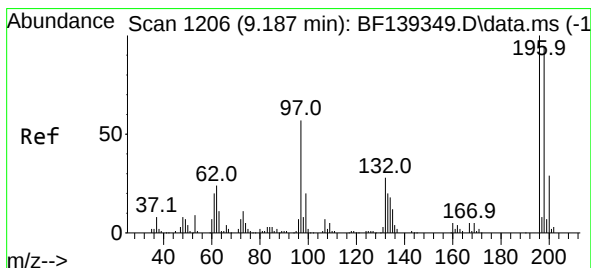
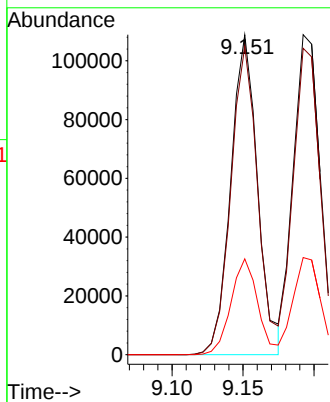
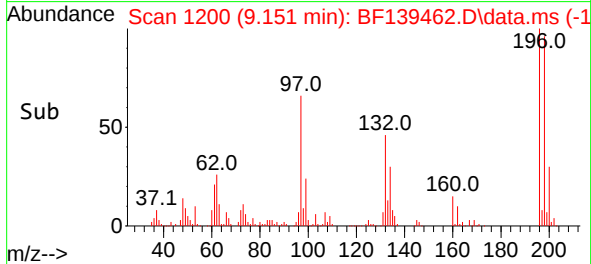
Instrument :
BNA_F
ClientSampleId :
PB163516BSD



Tgt Ion:196 Resp: 143317
Ion Ratio Lower Upper
196 100
198 96.3 75.8 113.6
200 30.0 24.1 36.1

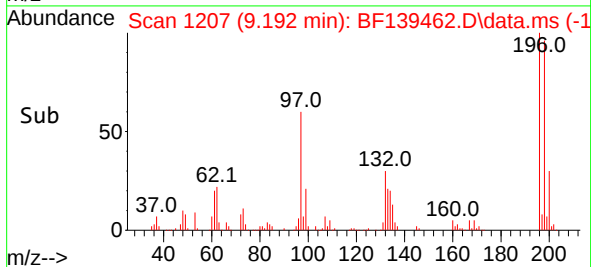
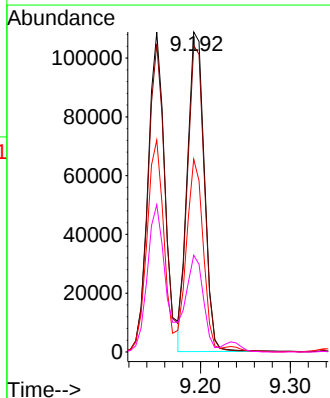
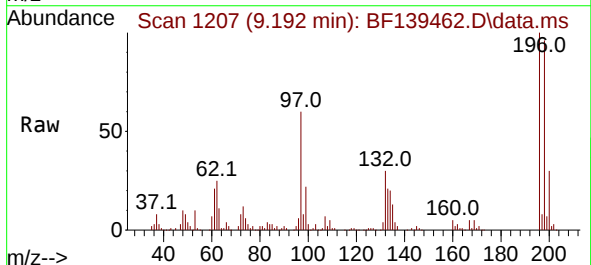
Manual Integrations
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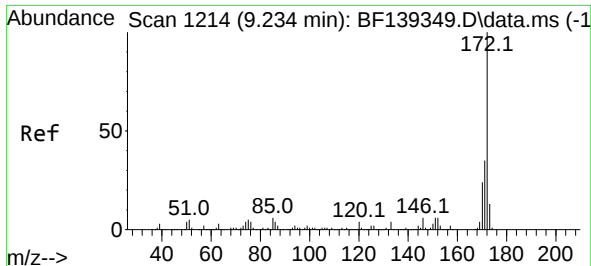
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#44
2,4,5-Trichlorophenol
Concen: 42.467 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Tgt Ion:196 Resp: 143322
Ion Ratio Lower Upper
196 100
198 95.7 74.8 112.2
97 60.2 47.3 70.9
132 30.2 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 81.197 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

PB163516BSD

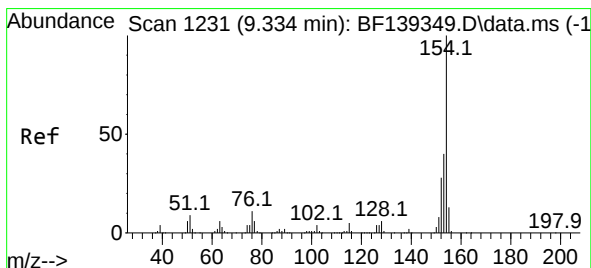
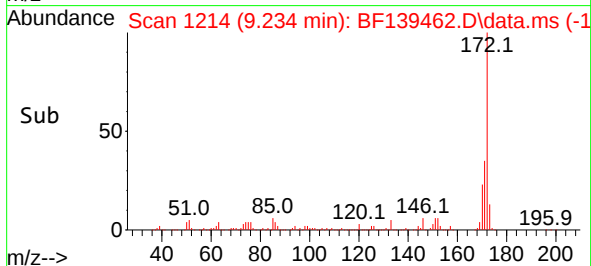
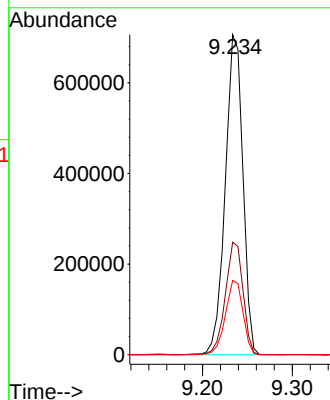
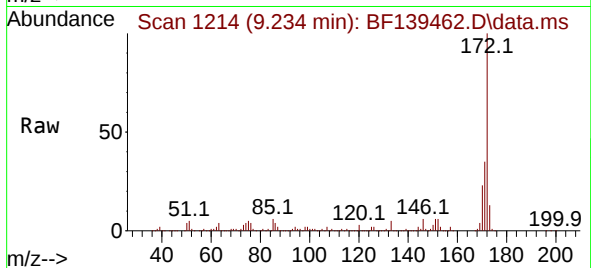
Tgt Ion:172 Resp: 96065
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 23.2 19.0 28.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#46

1,1'-Biphenyl

Concen: 42.401 ng

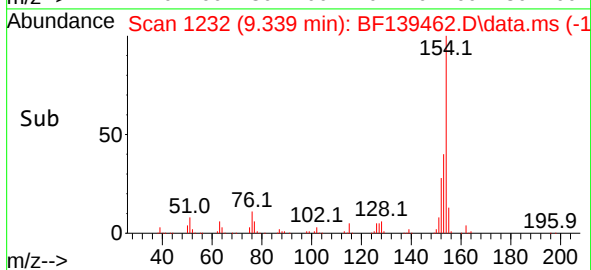
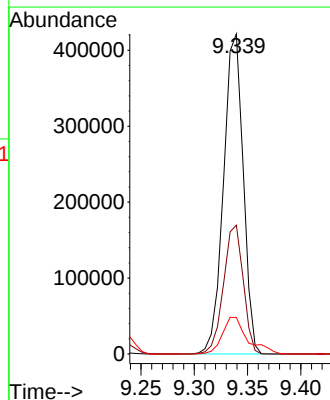
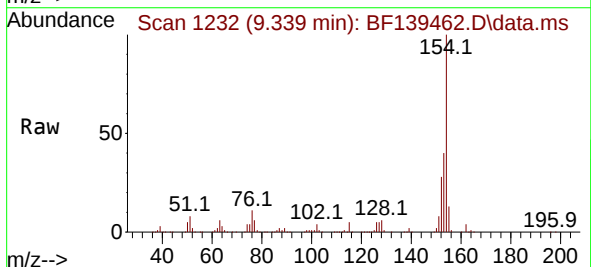
RT: 9.339 min Scan# 1232

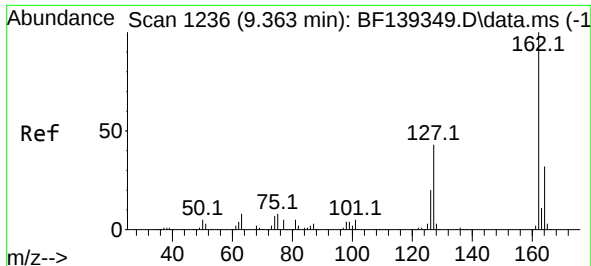
Delta R.T. 0.006 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

Tgt Ion:154 Resp: 541275
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.1 60.1
 76 11.4 0.0 31.1





#47

2-Chloronaphthalene

Concen: 42.037 ng

RT: 9.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

PB163516BSD

Tgt Ion:162 Resp: 40124

Ion Ratio Lower Upper

162 100

127 43.1 35.0 52.4

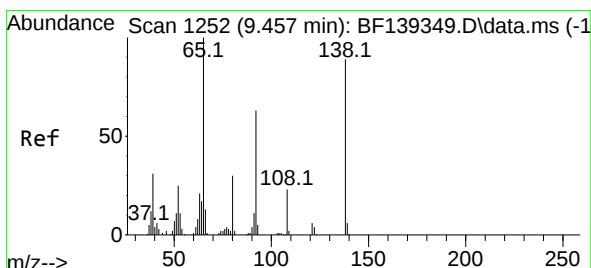
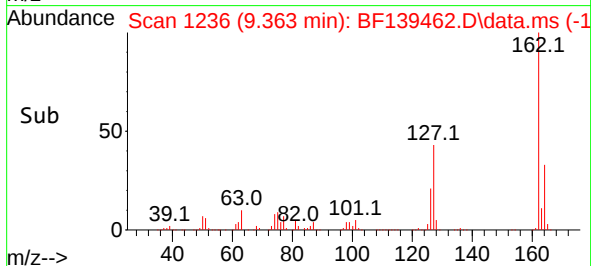
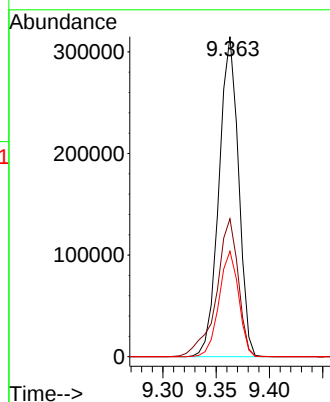
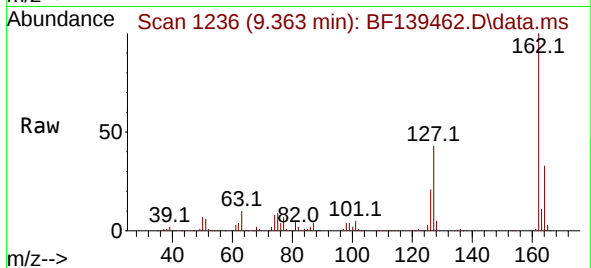
164 33.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#48

2-Nitroaniline

Concen: 43.534 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

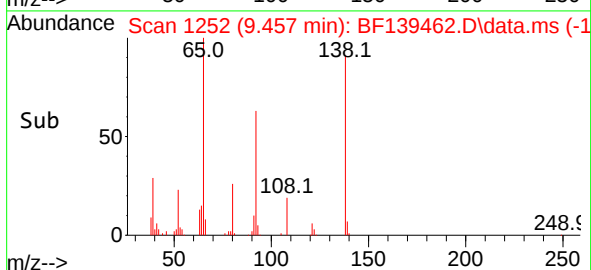
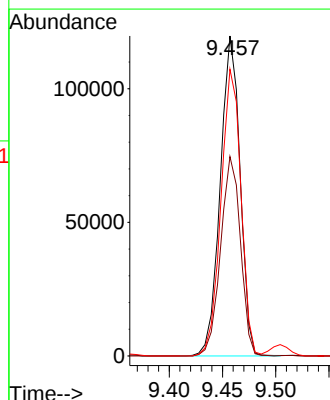
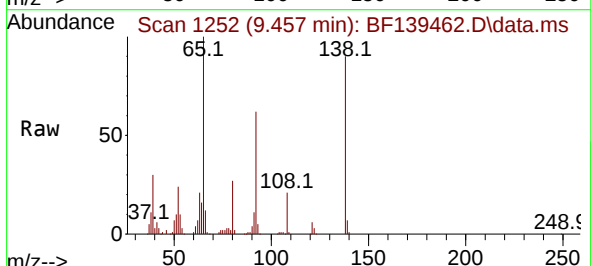
Tgt Ion: 65 Resp: 154553

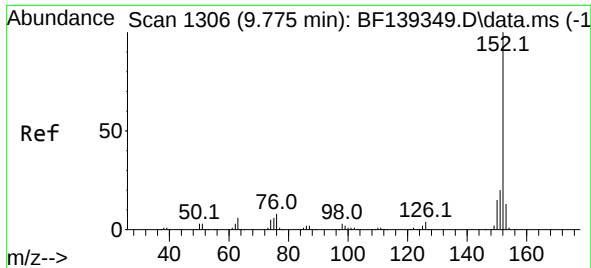
Ion Ratio Lower Upper

65 100

92 62.3 50.3 75.5

138 89.6 71.3 106.9





#49
Acenaphthylene
Concen: 46.421 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

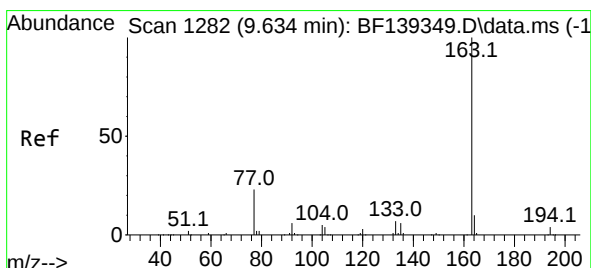
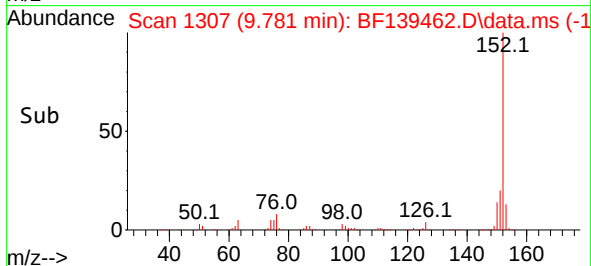
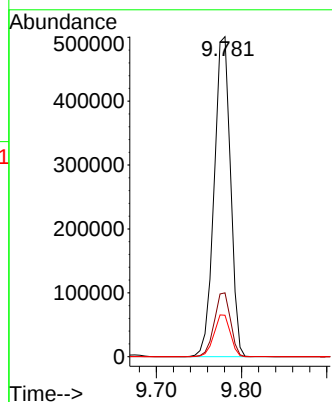
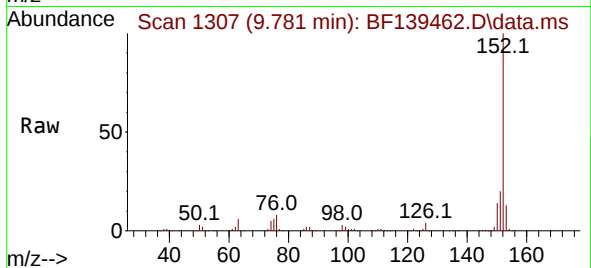
PB163516BSD

Tgt Ion:152 Resp: 666974
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 12.9 10.3 15.5

Manual Integrations

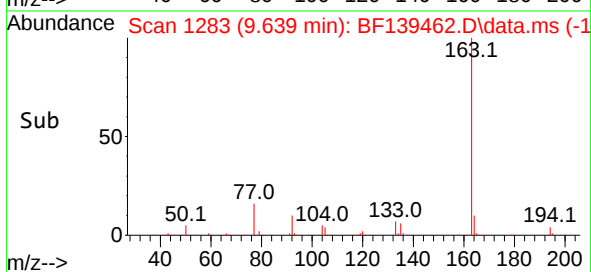
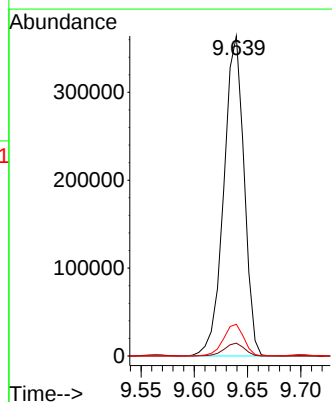
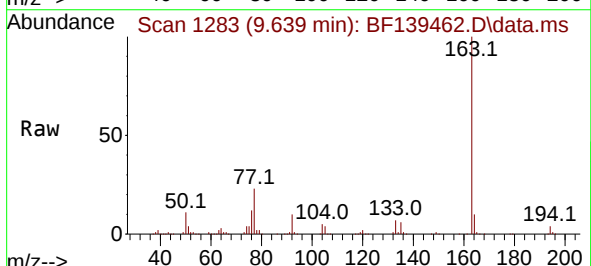
APPROVED

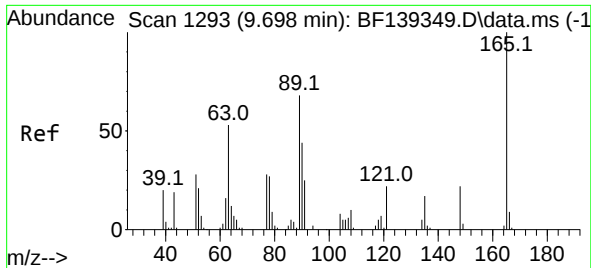
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#50
Dimethylphthalate
Concen: 44.203 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Tgt Ion:163 Resp: 481411
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.9 8.2 12.2





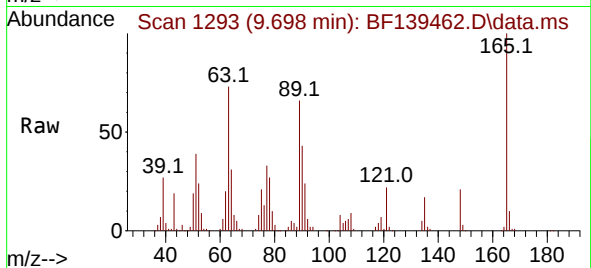
#51
2,6-Dinitrotoluene
Concen: 44.026 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

PB163516BSD



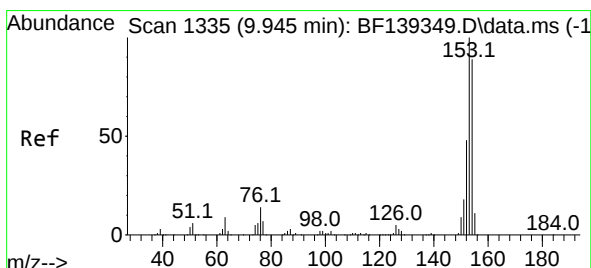
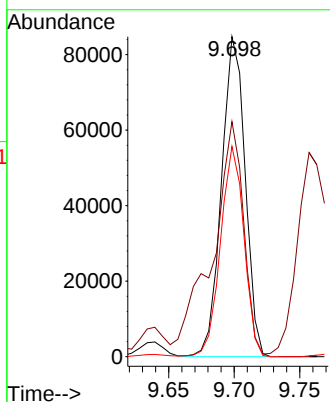
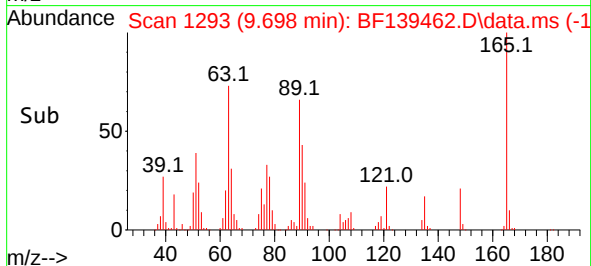
Tgt Ion:165 Resp: 106220
Ion Ratio Lower Upper
165 100
63 73.4 60.9 91.3
89 65.7 54.7 82.1

Manual Integrations

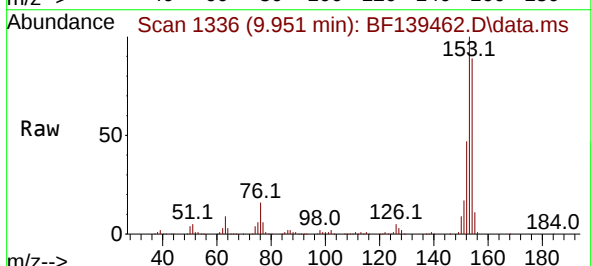
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

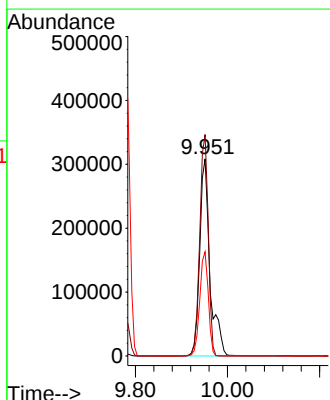
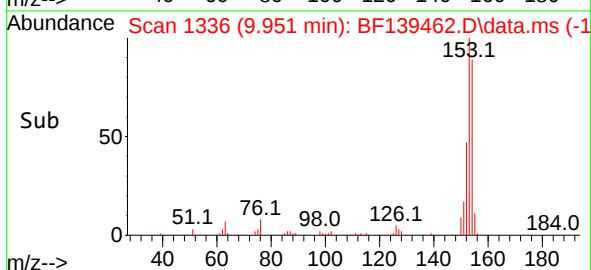
Supervised By :mohammad ahmed 09/22/2024

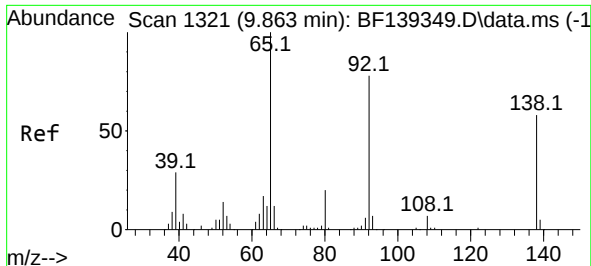


#52
Acenaphthene
Concen: 48.000 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55



Tgt Ion:154 Resp: 481335
Ion Ratio Lower Upper
154 100
153 112.3 89.5 134.3
152 52.9 42.6 64.0





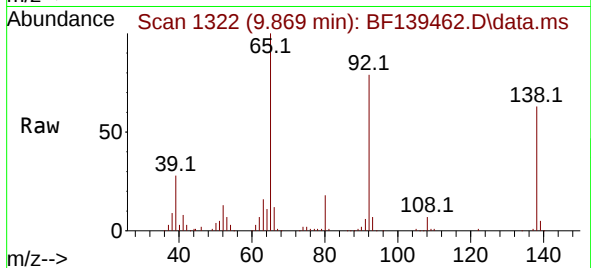
#53
3-Nitroaniline
Concen: 28.112 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

PB163516BSD

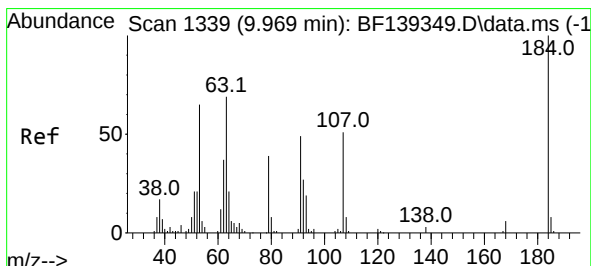
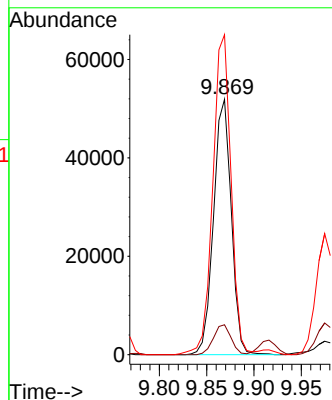
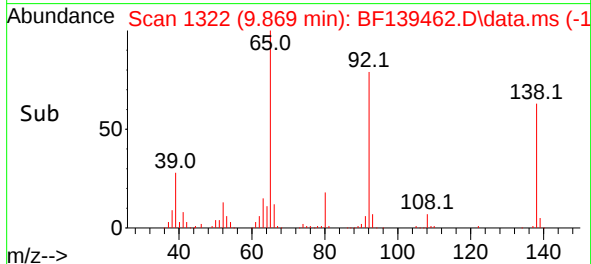


Tgt Ion:138 Resp: 67784
Ion Ratio Lower Upper
138 100
108 11.7 9.8 14.8
92 125.3 107.4 161.2

Manual Integrations

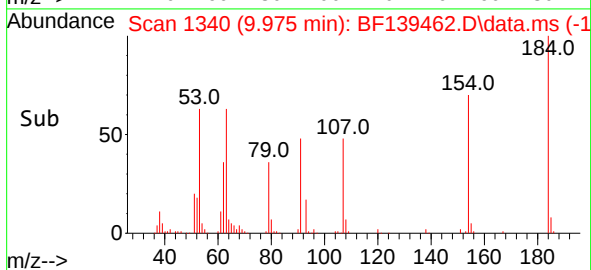
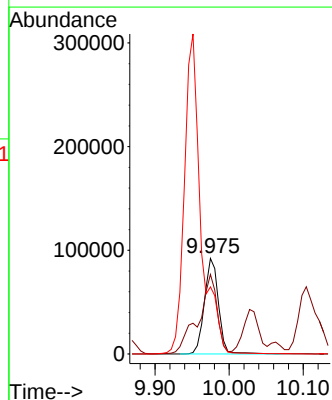
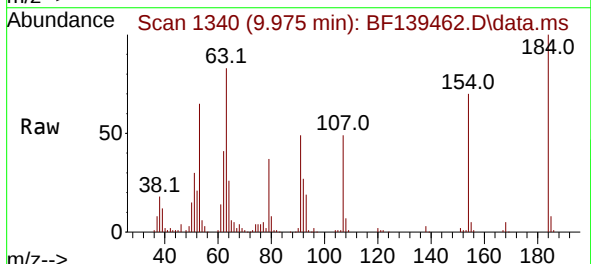
APPROVED

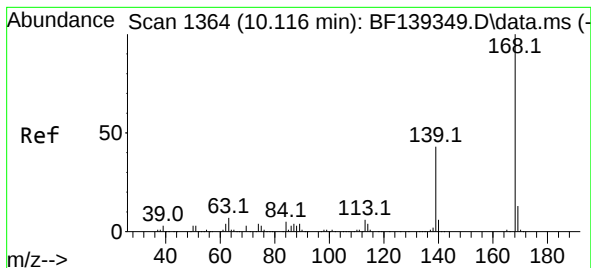
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#54
2,4-Dinitrophenol
Concen: 90.525 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

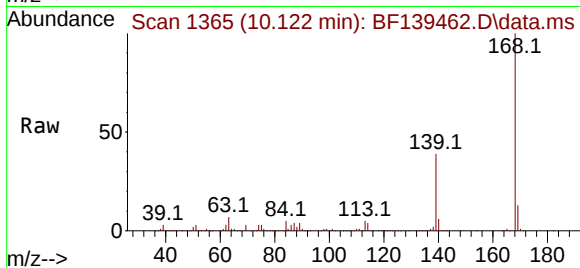
Tgt Ion:184 Resp: 121702
Ion Ratio Lower Upper
184 100
63 83.3 69.3 103.9
154 70.1 67.5 101.3





#55
Dibenzenofuran
Concen: 43.447 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

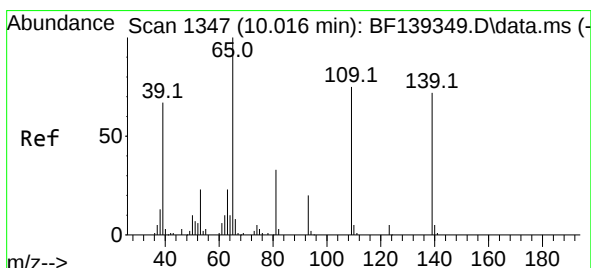
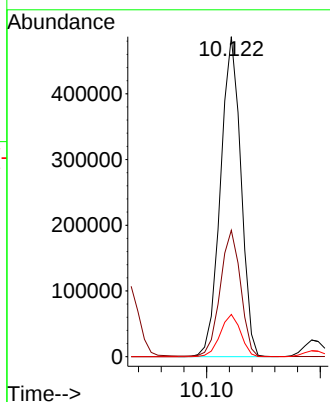
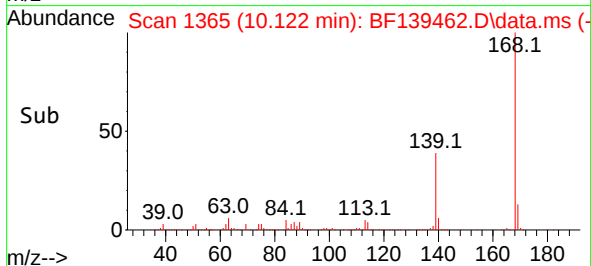
Instrument :
BNA_F
ClientSampleId :
PB163516BSD



Tgt Ion:168 Resp: 607258
Ion Ratio Lower Upper
168 100
139 39.5 34.1 51.1
169 13.2 10.5 15.7

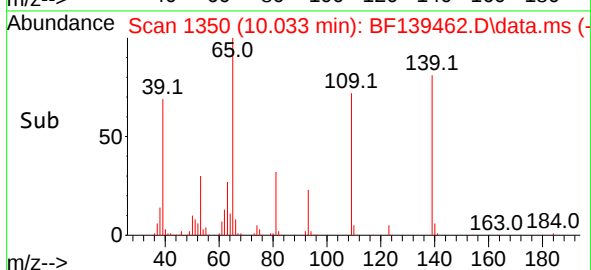
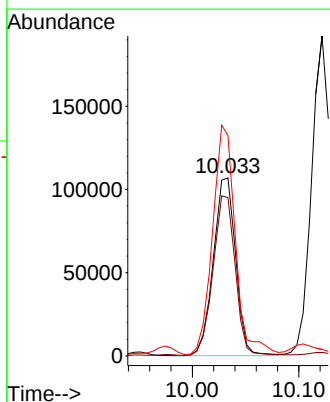
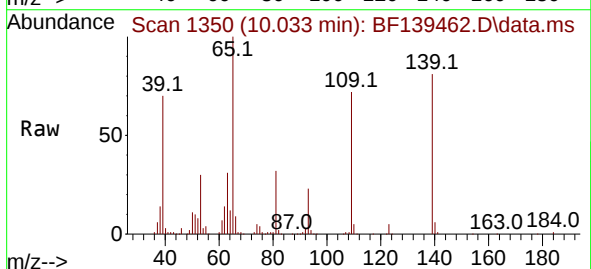
Manual Integrations
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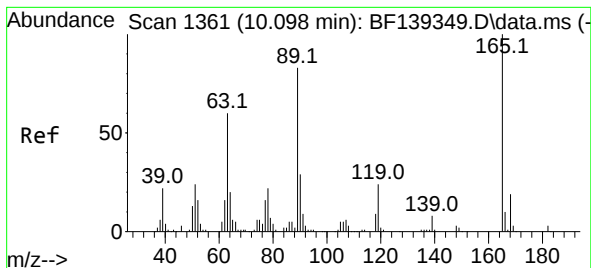
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#56
4-Nitrophenol
Concen: 78.140 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.018 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

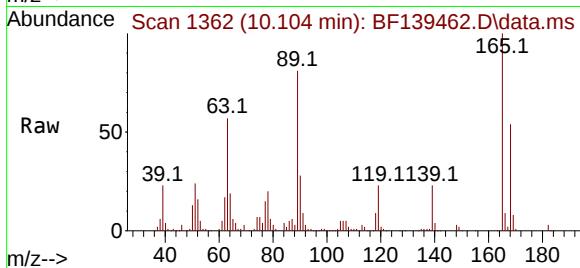
Tgt Ion:139 Resp: 155901
Ion Ratio Lower Upper
139 100
109 88.9 84.1 124.1
65 123.8 120.0 160.0





#57
2,4-Dinitrotoluene
Concen: 44.072 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

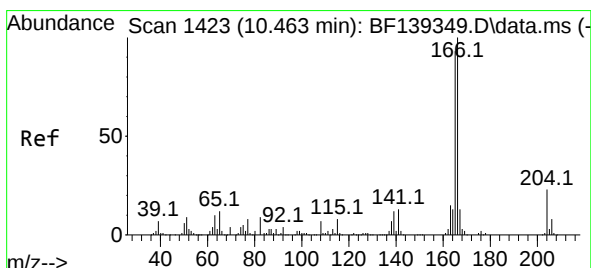
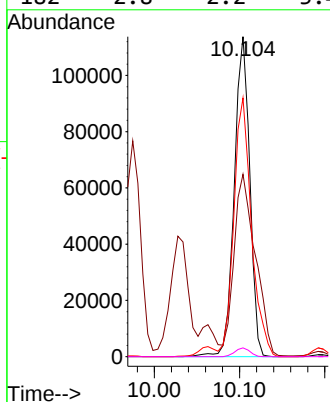
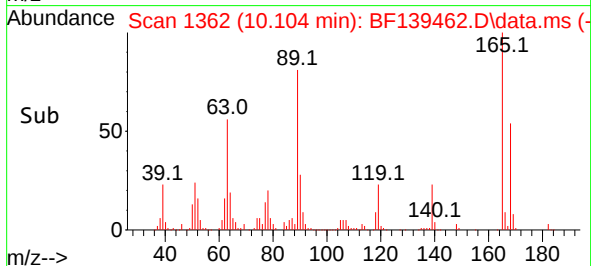
Instrument :
BNA_F
ClientSampleId :
PB163516BSD



Tgt Ion:165 Resp: 14355
Ion Ratio Lower Upper
165 100
63 57.0 47.8 71.6
89 80.9 66.7 100.1
182 2.8 2.2 3.4

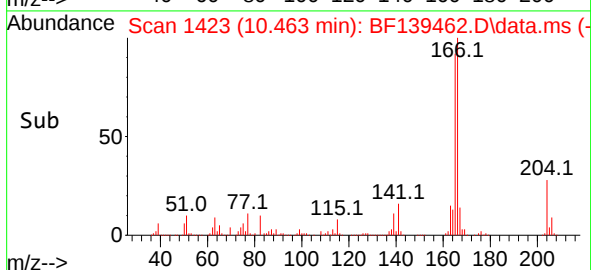
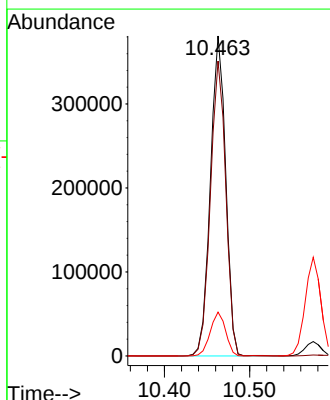
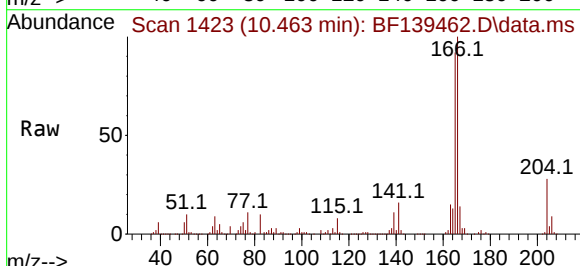
Manual Integrations
APPROVED

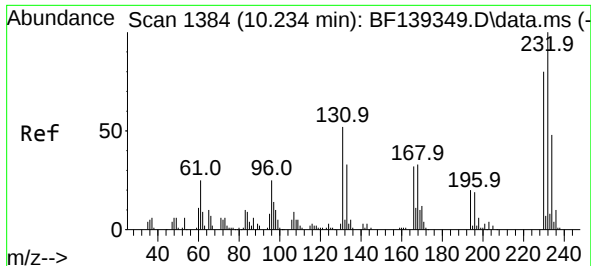
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#58
Fluorene
Concen: 41.621 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

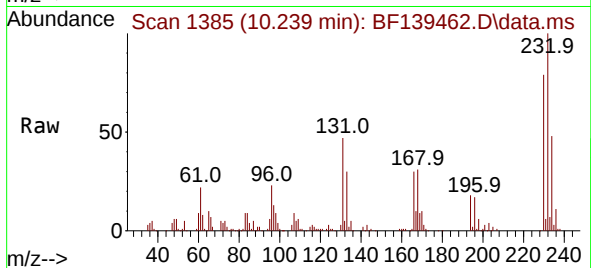
Tgt Ion:166 Resp: 474636
Ion Ratio Lower Upper
166 100
165 92.2 74.5 111.7
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.352 ng
RT: 10.239 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

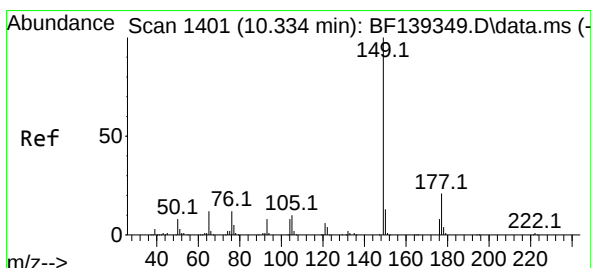
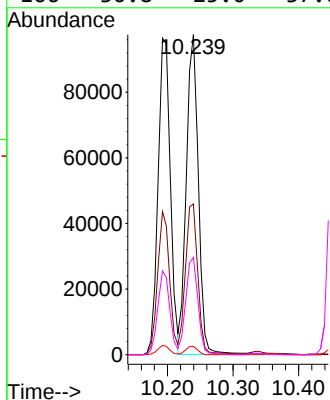
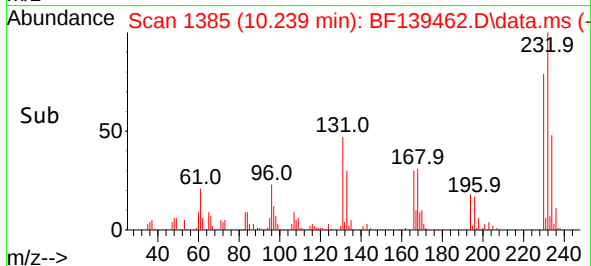
Instrument :
BNA_F
ClientSampleId :
PB163516BSD



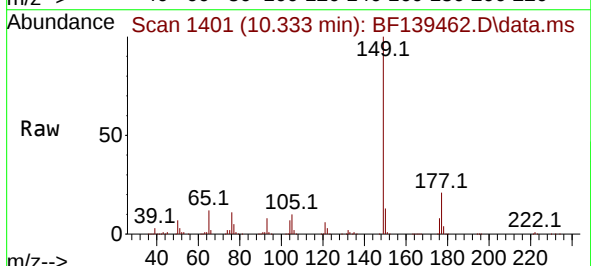
Tgt Ion:232 Resp: 12382
Ion Ratio Lower Upper
232 100
131 48.6 40.7 61.1
130 2.6 2.2 3.2
166 30.8 25.0 37.6

Manual Integrations
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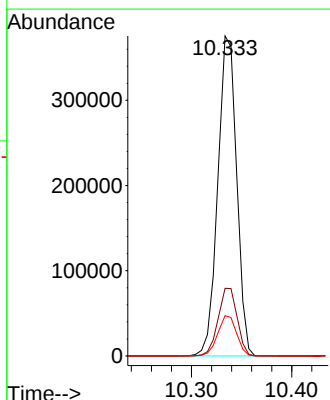
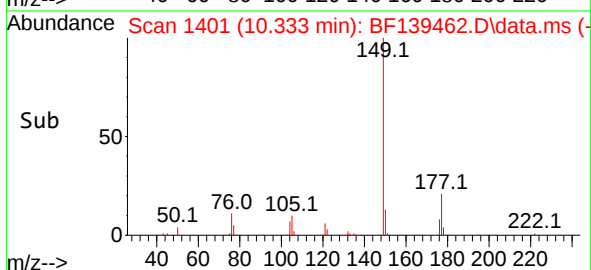
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

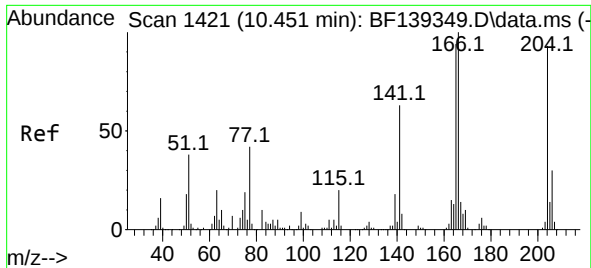


#60
Diethylphthalate
Concen: 43.518 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55



Tgt Ion:149 Resp: 489101
Ion Ratio Lower Upper
149 100
177 21.2 16.6 24.8
150 12.6 10.6 15.8





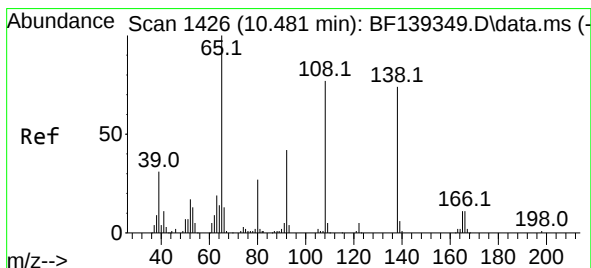
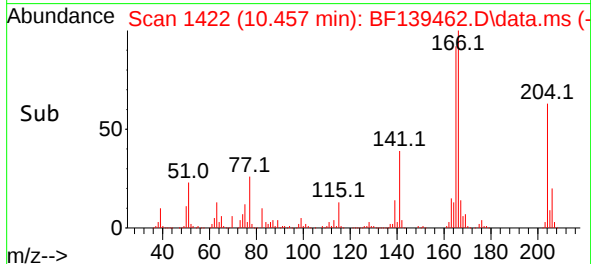
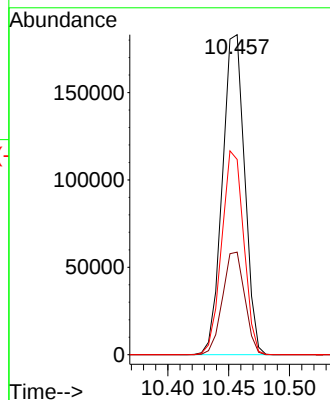
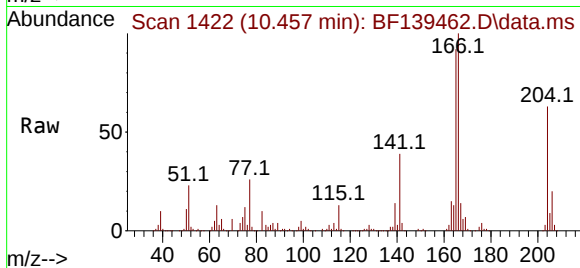
#61
4-Chlorophenyl-phenylether
Concen: 42.022 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Instrument :
BNA_F
ClientSampleId :
PB163516BSD

Tgt Ion:204 Resp: 232892
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 61.0 53.9 80.9

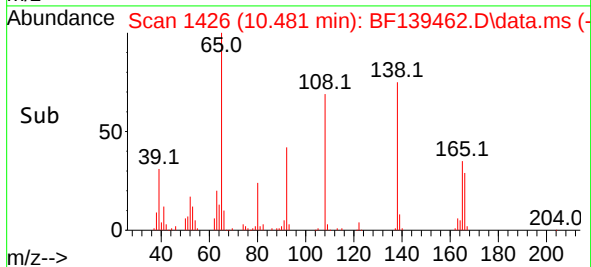
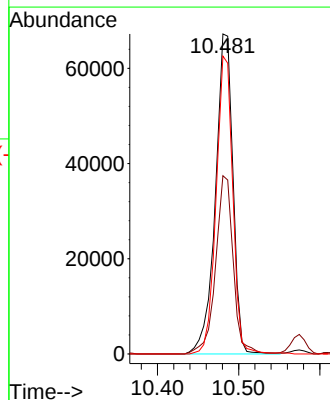
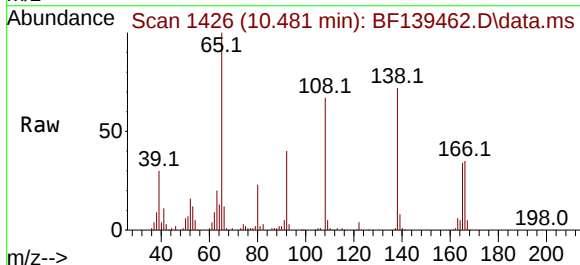
Manual Integrations
APPROVED

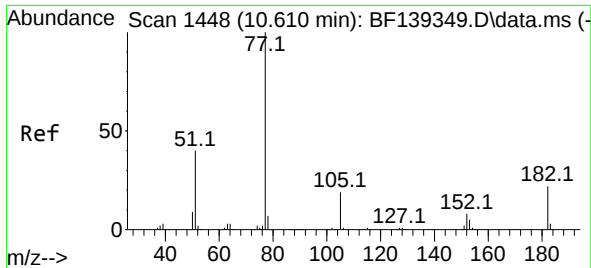
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 38.448 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

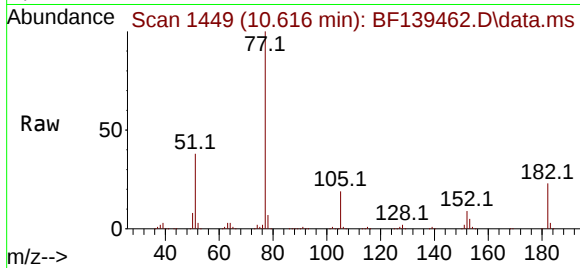
Tgt Ion:138 Resp: 101177
Ion Ratio Lower Upper
138 100
92 55.7 37.0 77.0
108 93.1 84.4 124.4





#63
Azobenzene
Concen: 44.409 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

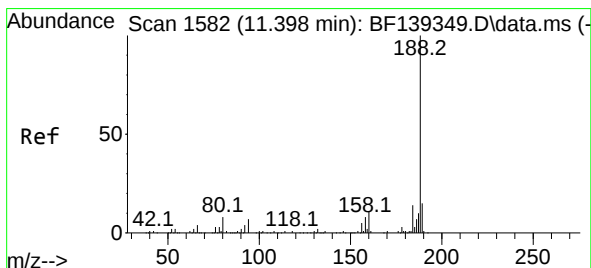
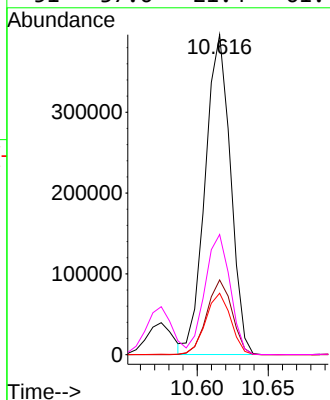
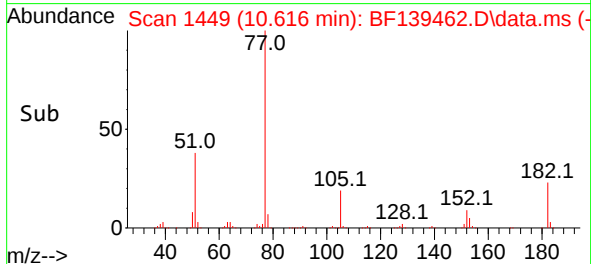
Instrument :
BNA_F
ClientSampleId :
PB163516BSD



Tgt Ion: 77 Resp: 490900
Ion Ratio Lower Upper
77 100
182 23.3 1.8 41.8
105 19.2 0.0 38.6
51 37.6 21.4 61.4

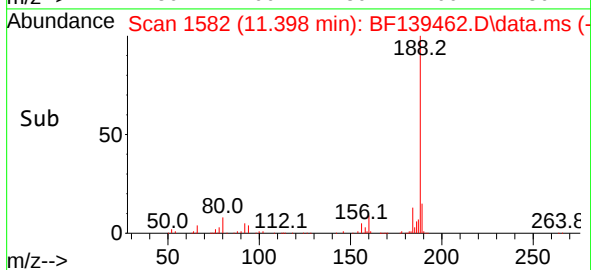
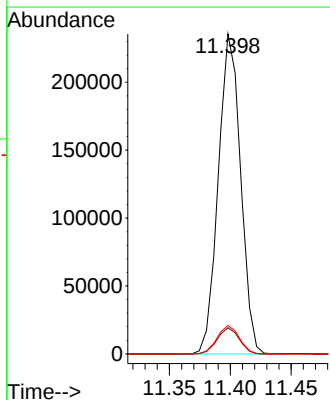
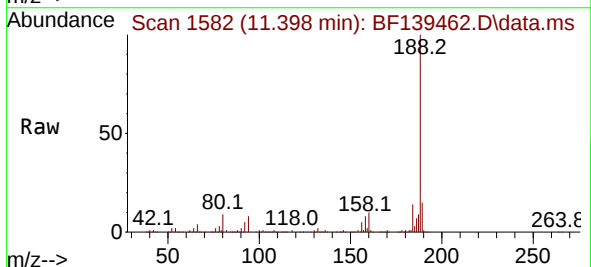
Manual Integrations
APPROVED

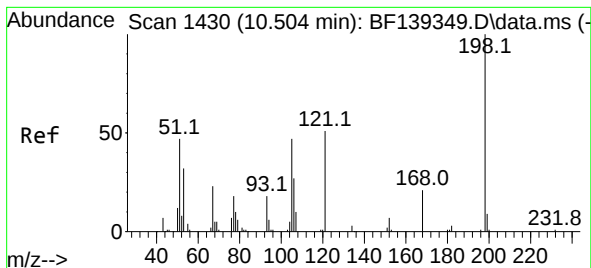
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Tgt Ion:188 Resp: 300456
Ion Ratio Lower Upper
188 100
94 8.2 5.5 8.3
80 8.9 6.6 9.8





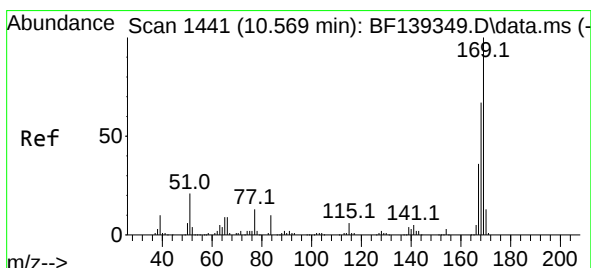
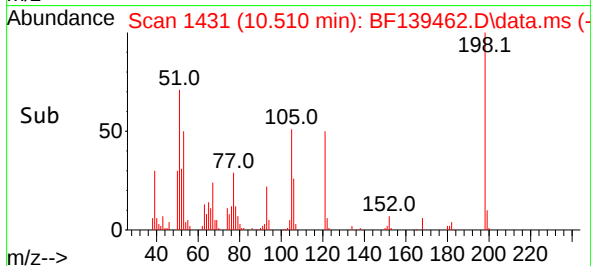
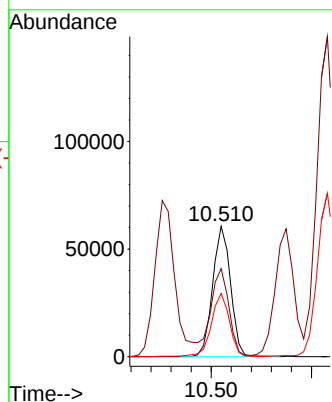
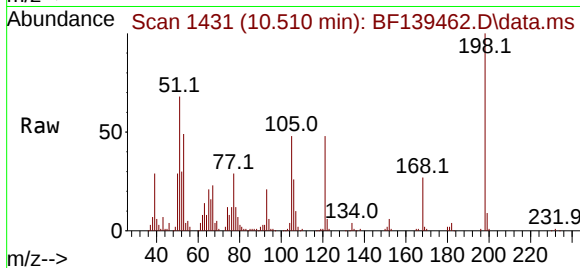
#65
4,6-Dinitro-2-methylphenol
Concen: 47.332 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Instrument :
BNA_F
ClientSampleId :
PB163516BSD

Tgt Ion:198 Resp: 7505
Ion Ratio Lower Upper
198 100
51 67.6 50.4 90.4
105 48.4 28.3 68.3

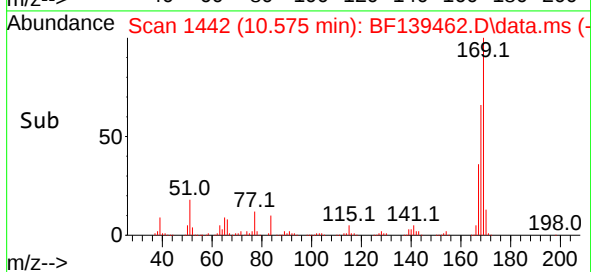
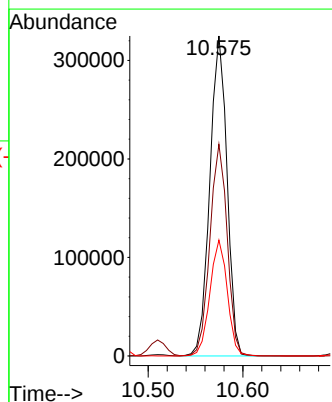
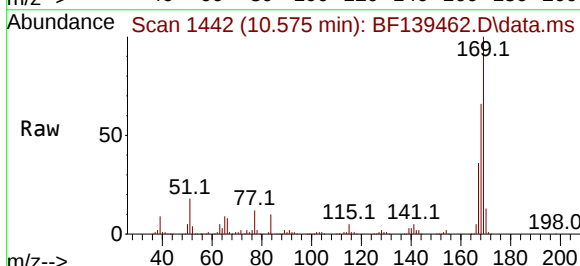
Manual Integrations
APPROVED

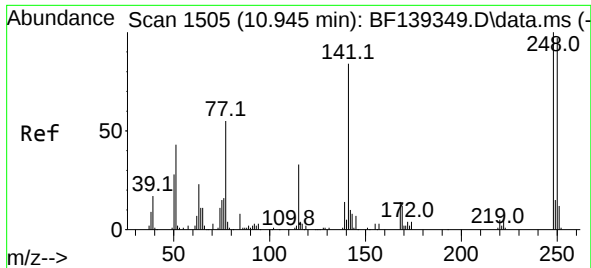
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 46.578 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Tgt Ion:169 Resp: 409152
Ion Ratio Lower Upper
169 100
168 66.2 53.6 80.4
167 36.2 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 46.003 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

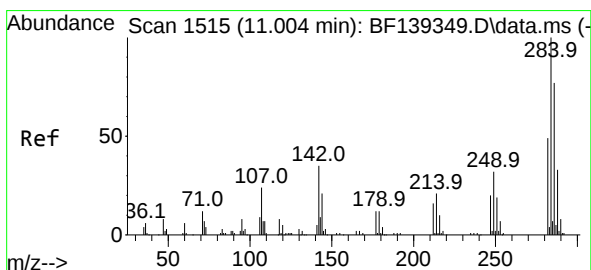
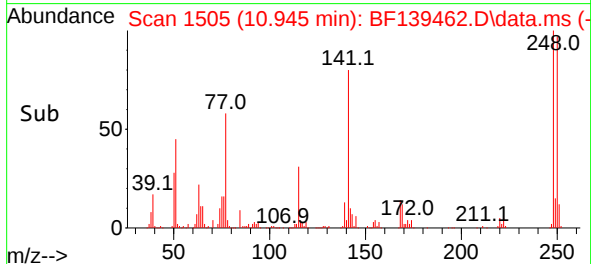
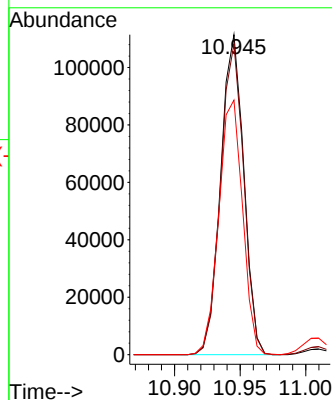
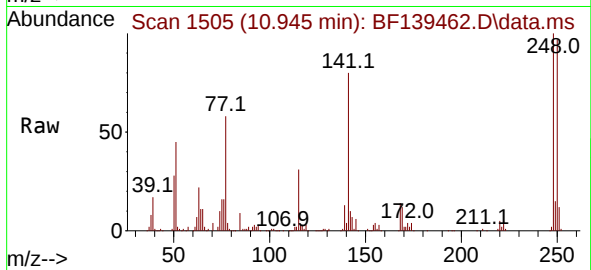
PB163516BSD

Tgt Ion:248 Resp: 136972
Ion Ratio Lower Upper
248 100
250 97.2 77.6 116.4
141 79.5 66.9 100.3

Manual Integrations

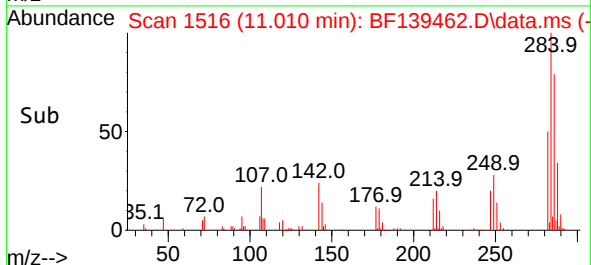
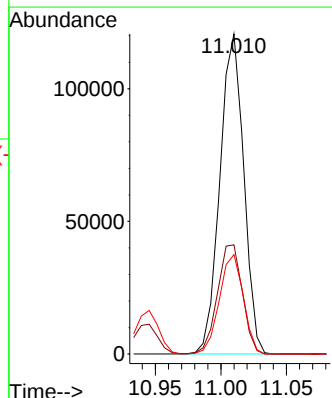
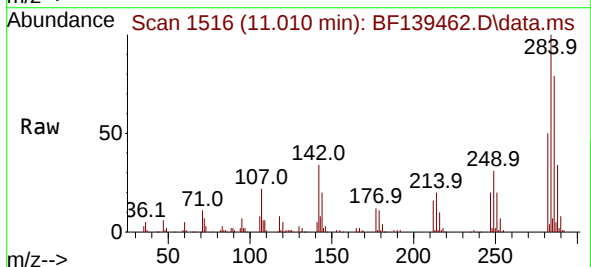
APPROVED

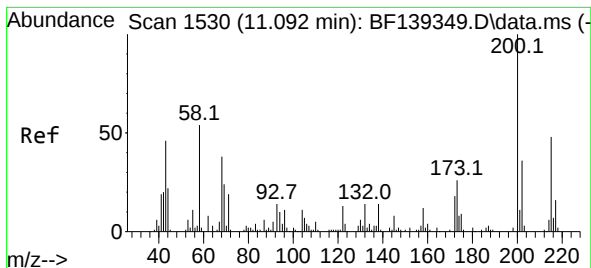
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#68
Hexachlorobenzene
Concen: 43.595 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Tgt Ion:284 Resp: 152337
Ion Ratio Lower Upper
284 100
142 34.1 28.0 42.0
249 31.0 25.3 37.9





#69

Atrazine

Concen: 63.114 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

PB163516BSD

Tgt Ion:200 Resp: 13198

Ion Ratio Lower Upper

200 100

173 26.8 6.1 46.1

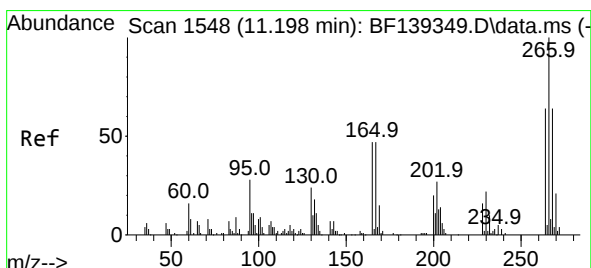
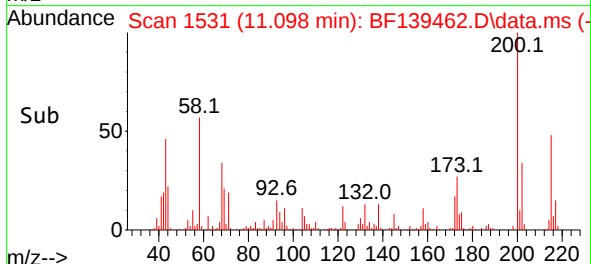
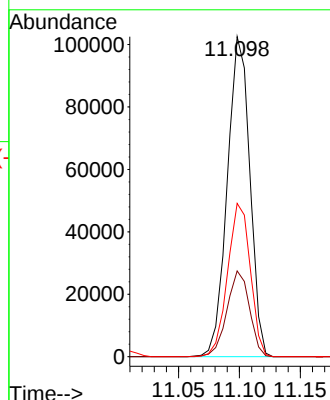
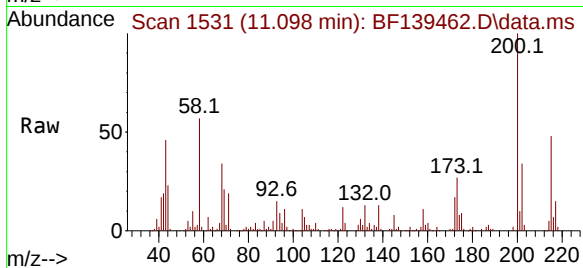
215 47.9 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#70

Pentachlorophenol

Concen: 82.671 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

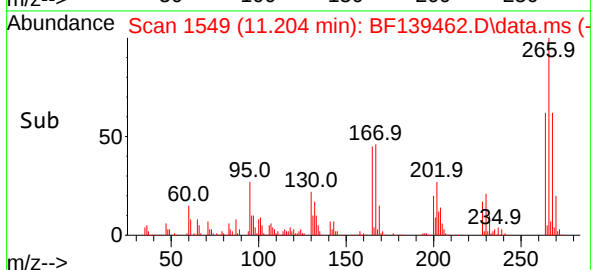
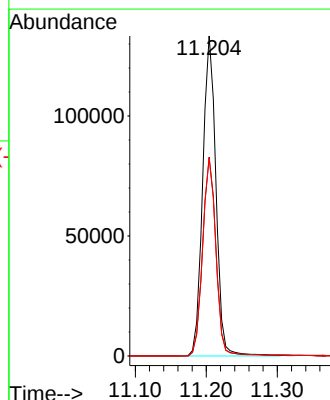
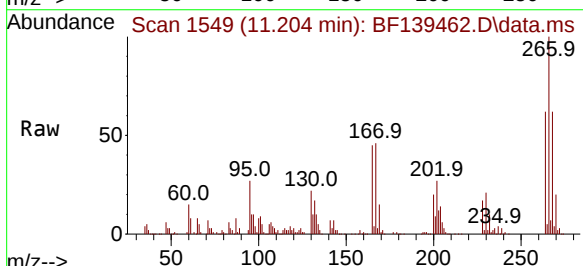
Tgt Ion:266 Resp: 173344

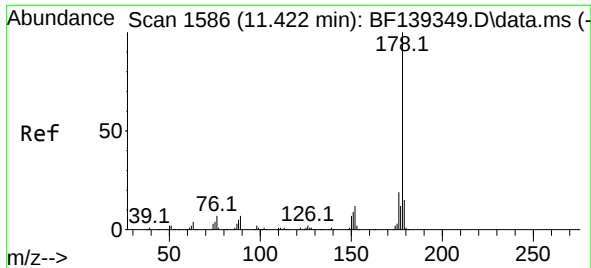
Ion Ratio Lower Upper

266 100

268 62.1 51.1 76.7

264 61.9 51.4 77.0





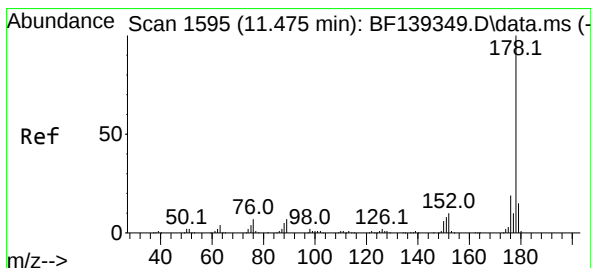
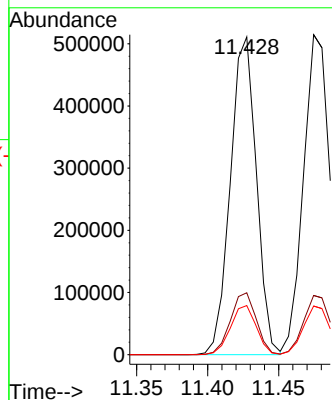
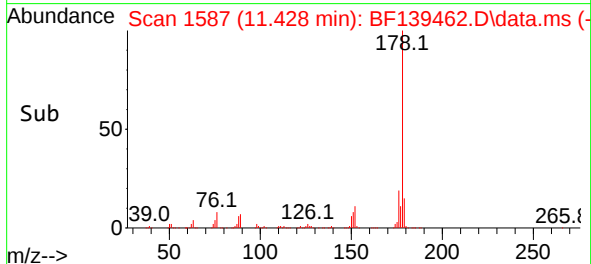
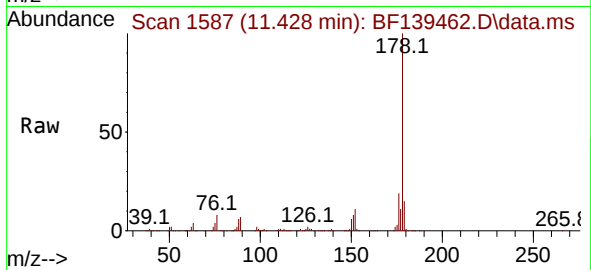
#71
Phenanthrene
Concen: 44.964 ng
RT: 11.428 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

Instrument :
BNA_F
ClientSampleId :
PB163516BSD

Tgt Ion:178 Resp: 651780
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.5 12.2 18.4

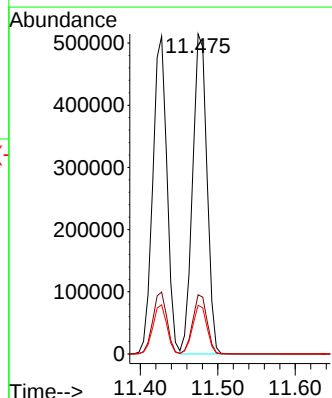
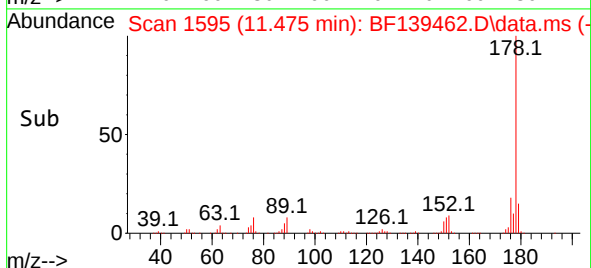
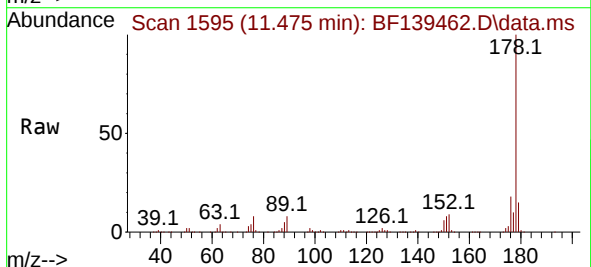
Manual Integrations
APPROVED

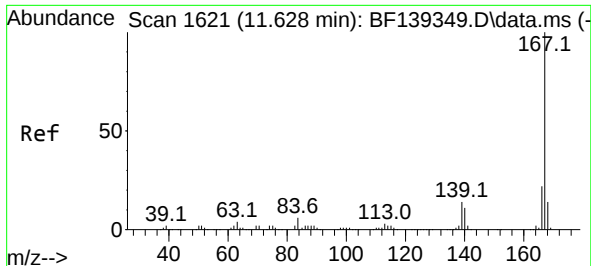
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#72
Anthracene
Concen: 46.650 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

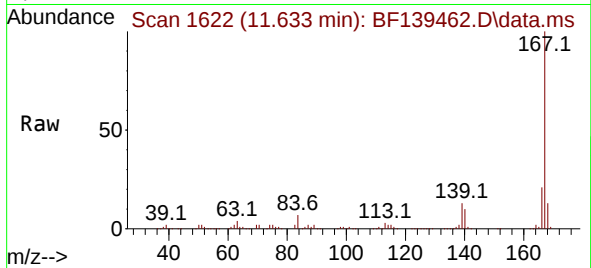
Tgt Ion:178 Resp: 661157
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.2 12.0 18.0





#73
 Carbazole
 Concen: 42.694 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.006 min
 Lab File: BF139462.D
 Acq: 19 Sep 2024 13:55

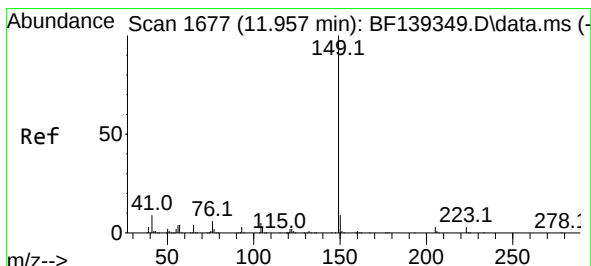
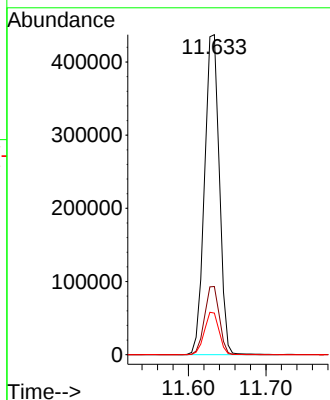
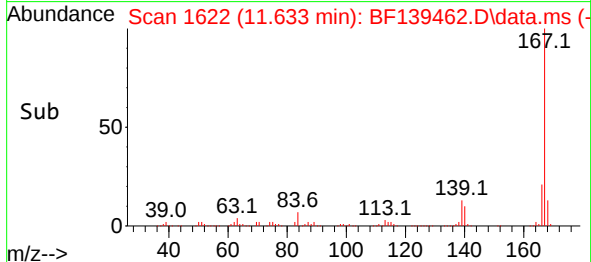
Instrument :
 BNA_F
 ClientSampleId :
 PB163516BSD



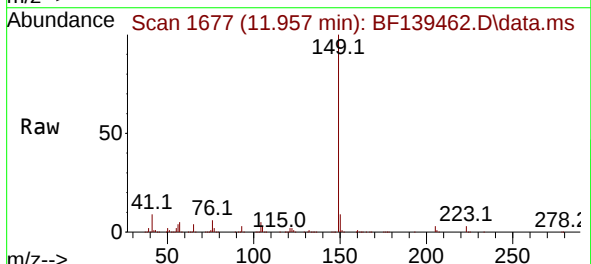
Tgt Ion:167 Resp: 579135
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.5 26.3
 139 13.0 10.9 16.3

Manual Integrations
 APPROVED

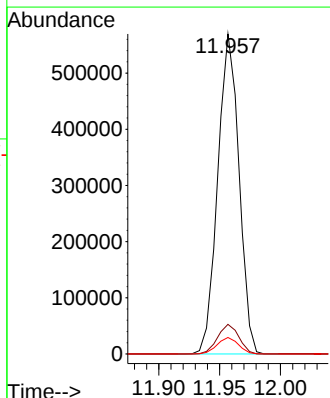
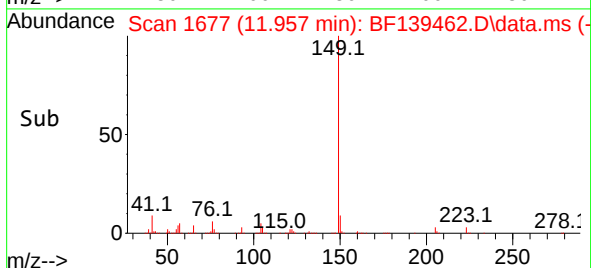
Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

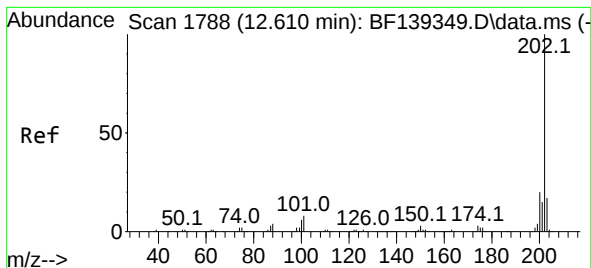


#74
 Di-n-butylphthalate
 Concen: 45.853 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139462.D
 Acq: 19 Sep 2024 13:55



Tgt Ion:149 Resp: 692879
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 42.128 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139462.D

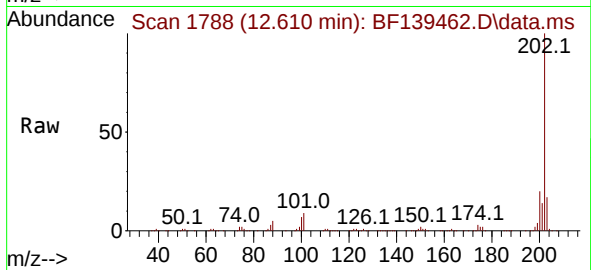
Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

PB163516BSD



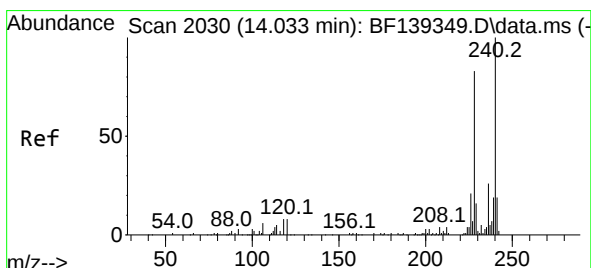
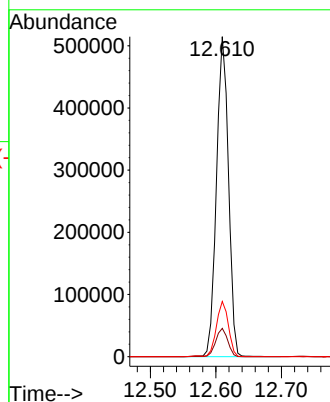
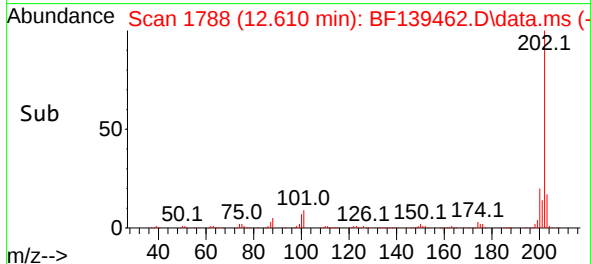
Tgt Ion:	202	Resp:	65215
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	27.7
203	17.3	0.0	37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#76

Chrysene-d12

Concen: 20.000 ng

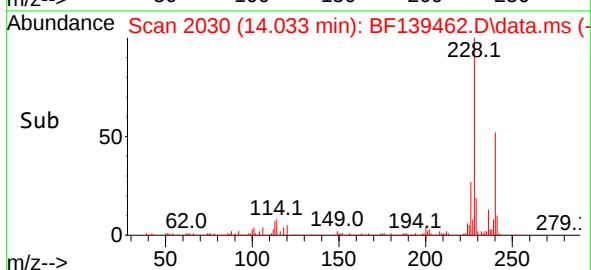
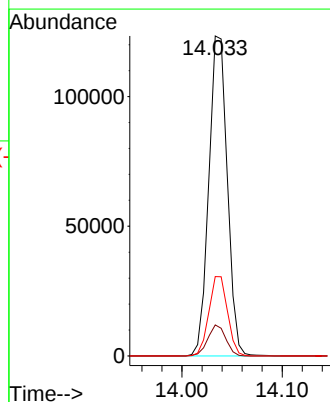
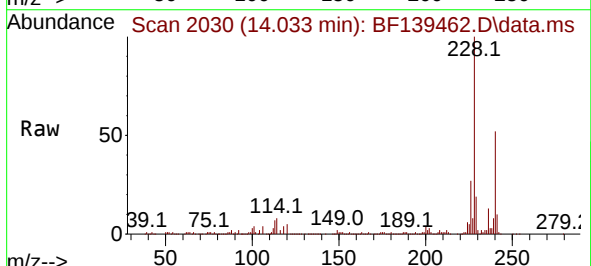
RT: 14.033 min Scan# 2030

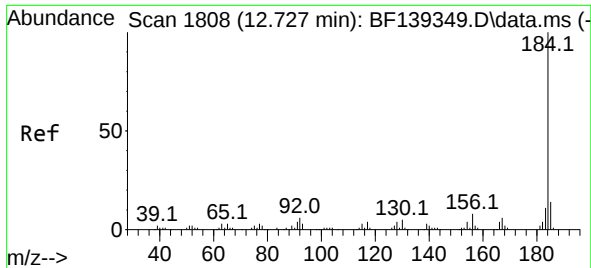
Delta R.T. -0.000 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

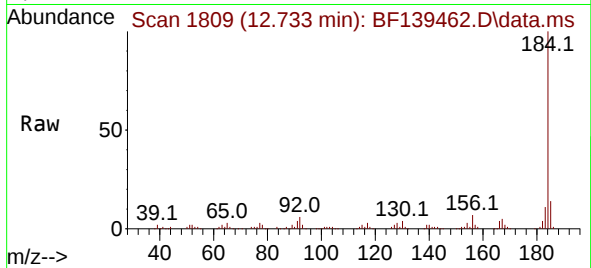
Tgt Ion:	240	Resp:	158385
Ion Ratio	Lower	Upper	
240	100		
120	9.7	6.2	9.2#
236	24.8	20.9	31.3





#77
Benzidine
Concen: 65.628 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

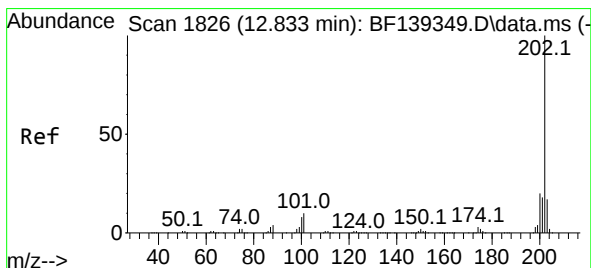
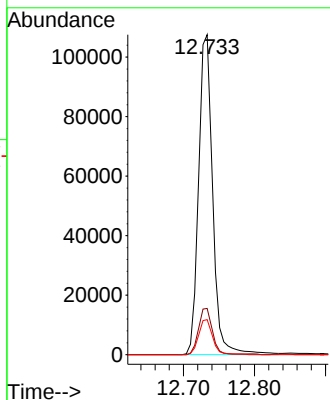
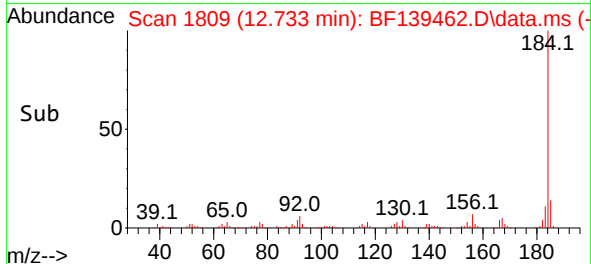
Instrument :
BNA_F
ClientSampleId :
PB163516BSD



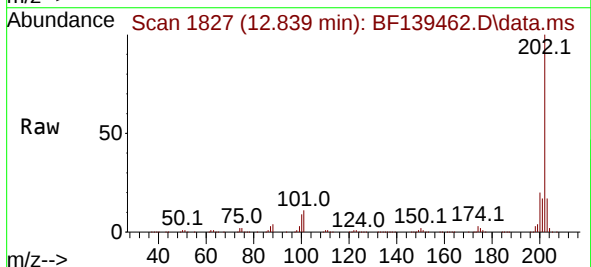
Tgt Ion:184 Resp: 14892
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.0 8.9 13.3

Manual Integrations
APPROVED

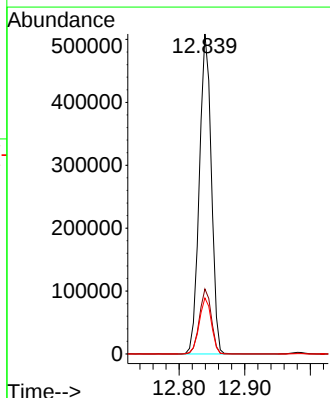
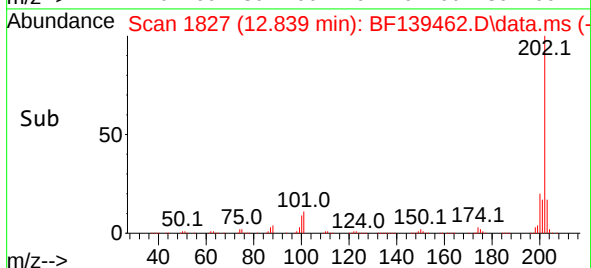
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

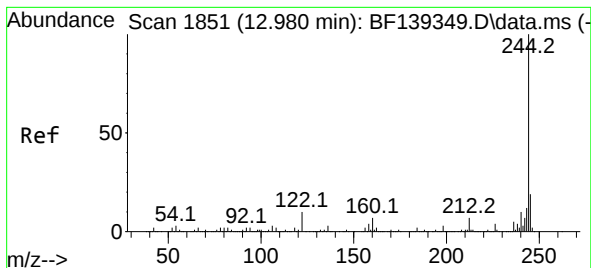


#78
Pyrene
Concen: 47.676 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55



Tgt Ion:202 Resp: 648371
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 91.747 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

PB163516BSD

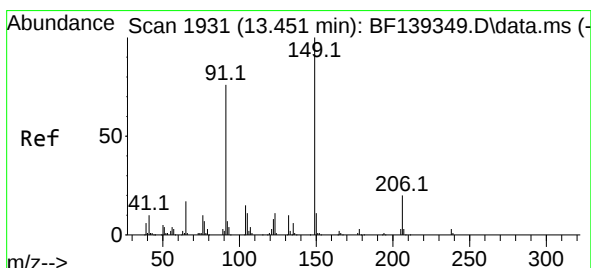
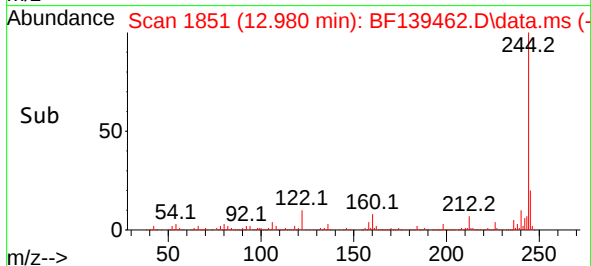
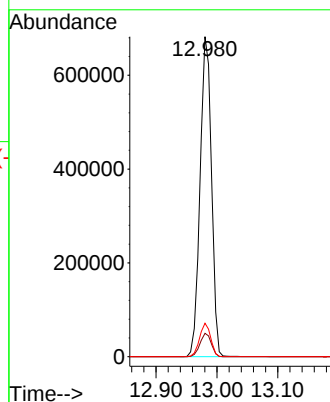
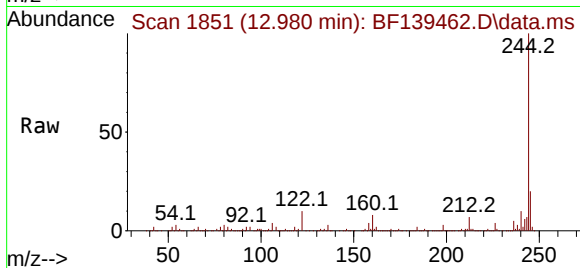
Tgt Ion:244	Resp: 88530
Ion Ratio	Lower Upper
244	100
212	7.3 6.0 9.0
122	10.4 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#80

Butylbenzylphthalate

Concen: 48.922 ng

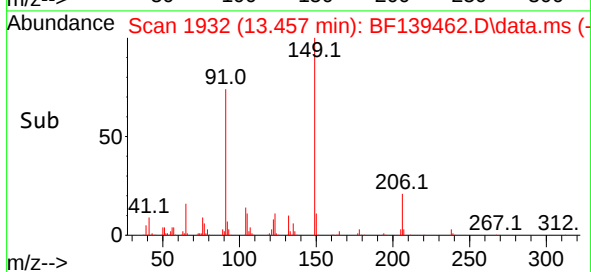
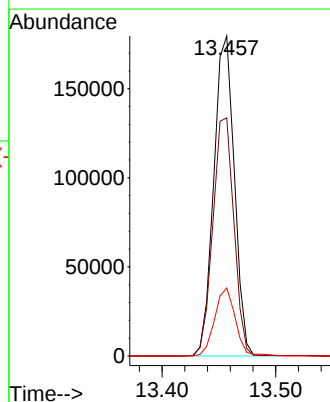
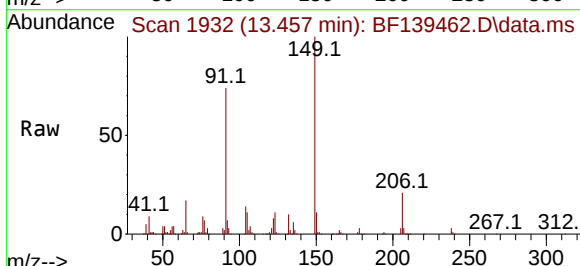
RT: 13.457 min Scan# 1932

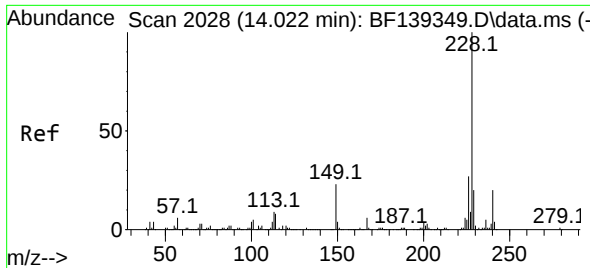
Delta R.T. 0.006 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

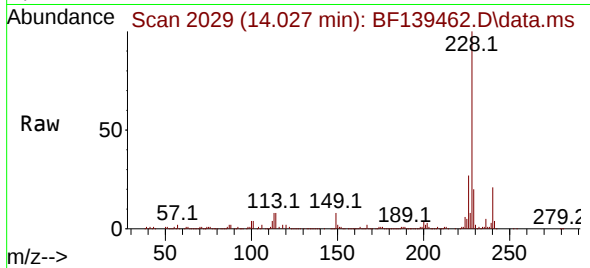
Tgt Ion:149	Resp: 226461
Ion Ratio	Lower Upper
149	100
91	74.4 60.9 91.3
206	21.3 15.8 23.8





#81
Benzo(a)anthracene
Concen: 46.653 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

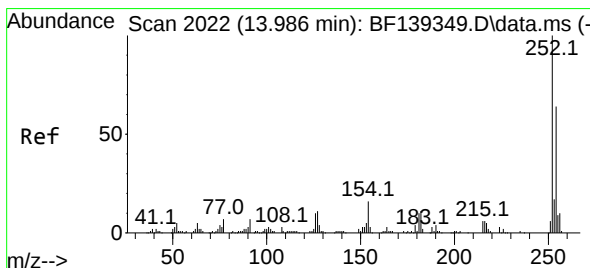
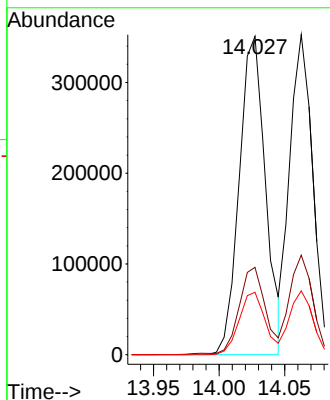
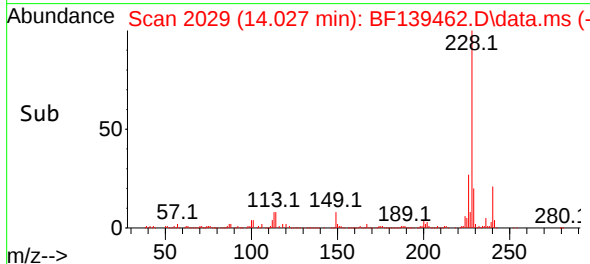
Instrument :
BNA_F
ClientSampleId :
PB163516BSD



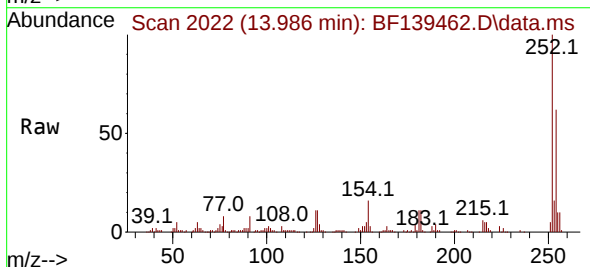
Tgt Ion:228 Resp: 489459
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 19.6 15.7 23.5

Manual Integrations
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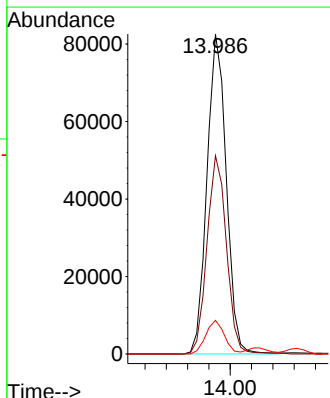
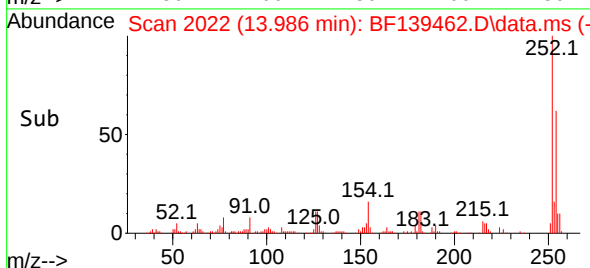
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

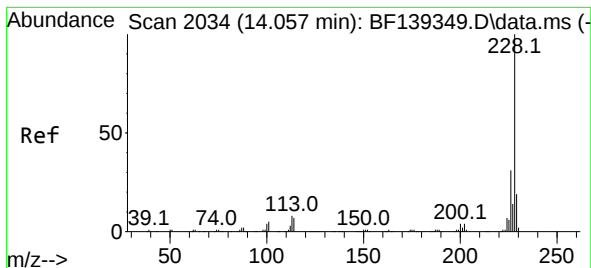


#82
3,3'-Dichlorobenzidine
Concen: 33.822 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55



Tgt Ion:252 Resp: 103915
Ion Ratio Lower Upper
252 100
254 62.0 51.4 77.2
126 10.5 7.7 11.5





#83

Chrysene

Concen: 44.603 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

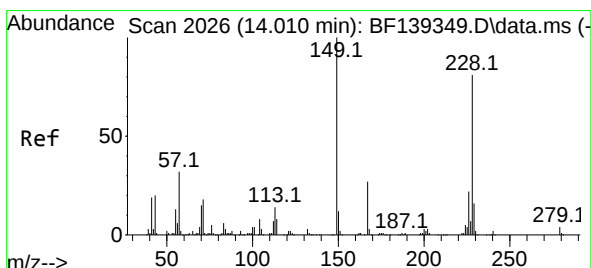
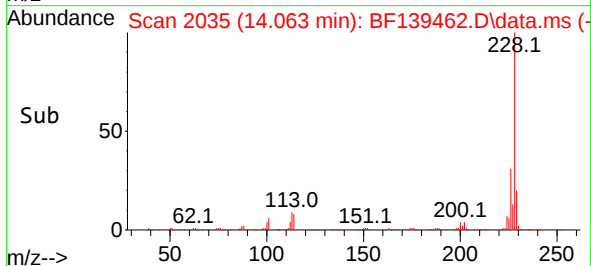
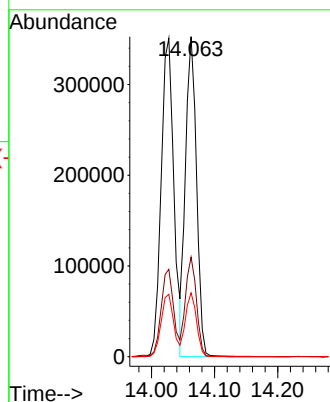
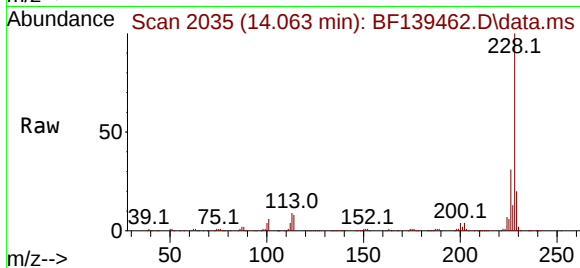
PB163516BSD

Tgt Ion:228 Resp: 430514
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.1 36.1
 229 20.0 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.354 ng

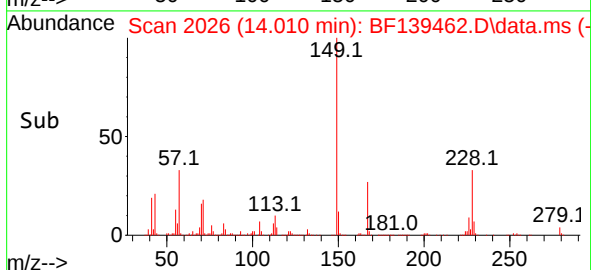
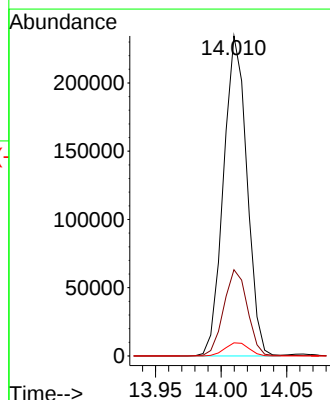
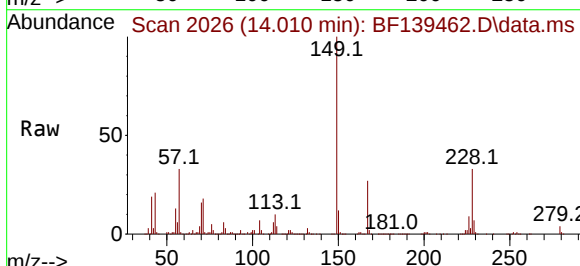
RT: 14.010 min Scan# 2026

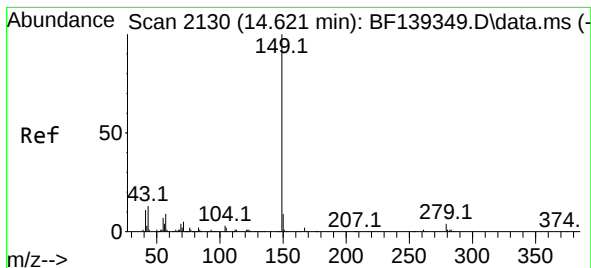
Delta R.T. -0.000 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

Tgt Ion:149 Resp: 290629
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.6 32.4
 279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.446 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

PB163516BSD

Tgt Ion:149 Resp: 44615

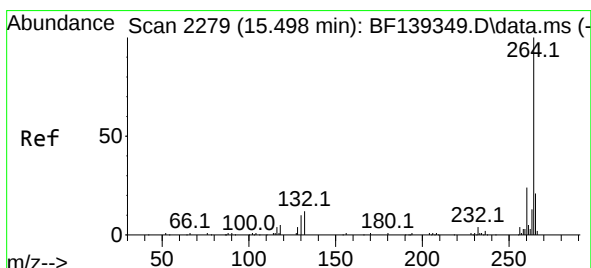
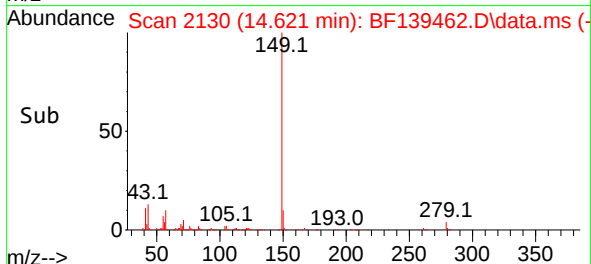
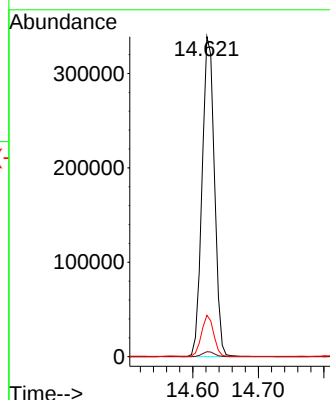
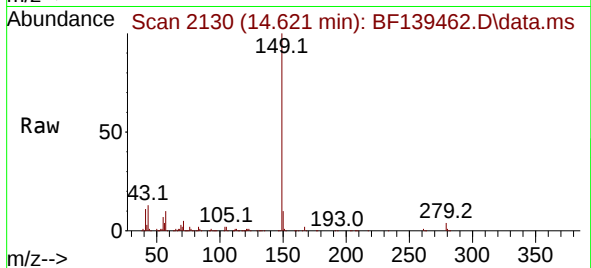
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.6	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

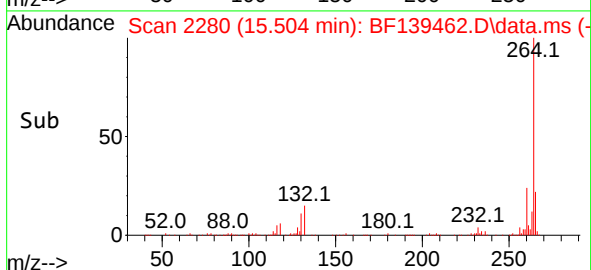
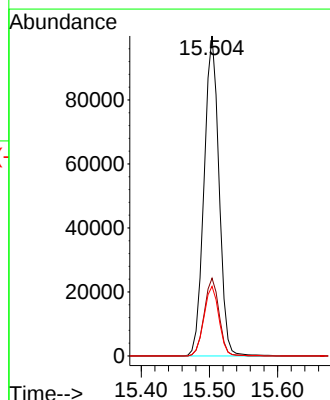
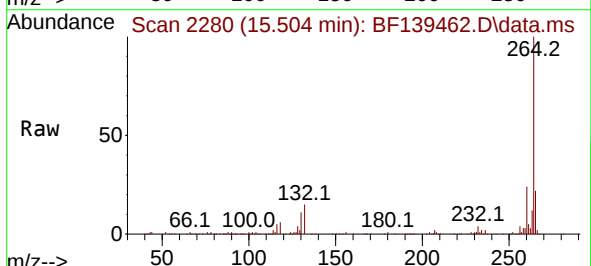
Delta R.T. 0.006 min

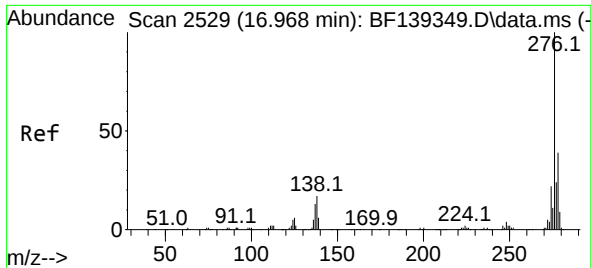
Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

Tgt Ion:264 Resp: 152254

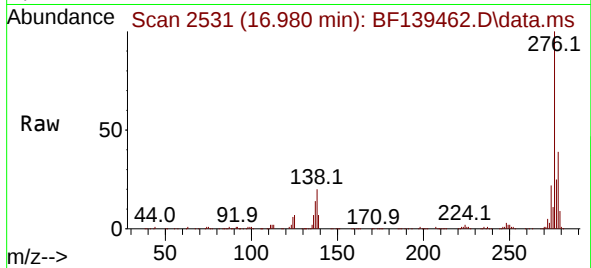
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.8	16.6	25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.896 ng
 RT: 16.980 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF139462.D
 Acq: 19 Sep 2024 13:55

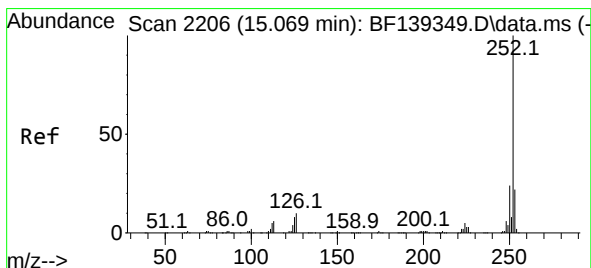
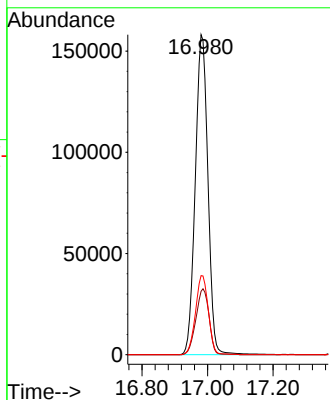
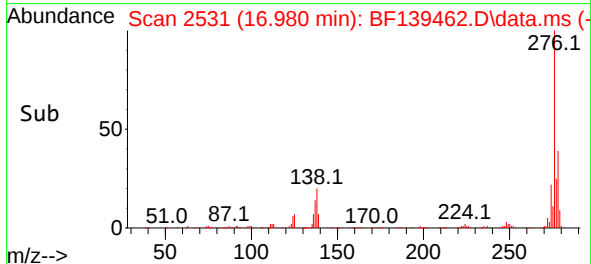
Instrument :
 BNA_F
 ClientSampleId :
 PB163516BSD



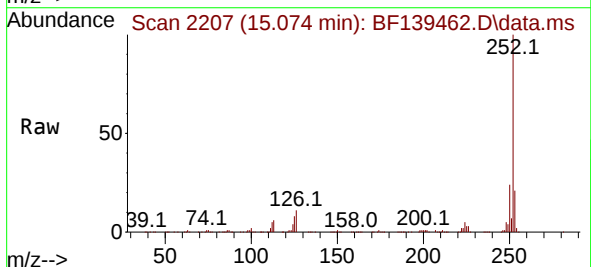
Tgt Ion:276 Resp: 424574
 Ion Ratio Lower Upper
 276 100
 138 21.4 15.4 23.2
 277 25.1 20.4 30.6

Manual Integrations
 APPROVED

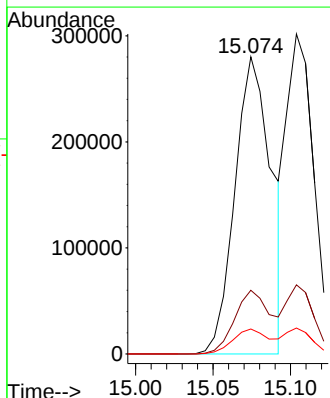
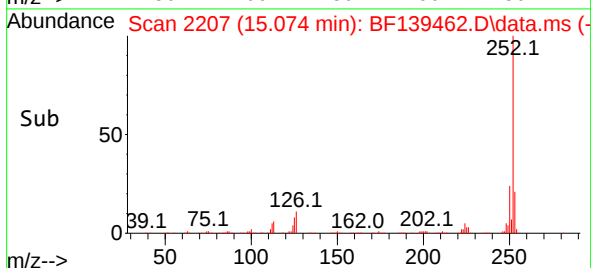
Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

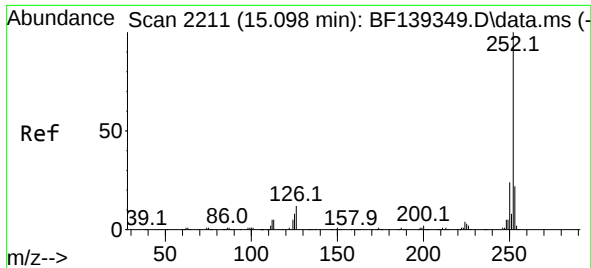


#88
 Benzo(b)fluoranthene
 Concen: 48.802 ng
 RT: 15.074 min Scan# 2207
 Delta R.T. 0.006 min
 Lab File: BF139462.D
 Acq: 19 Sep 2024 13:55



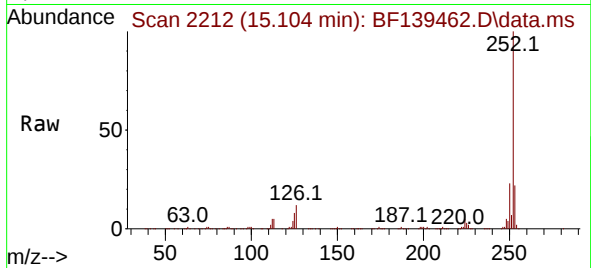
Tgt Ion:252 Resp: 458253
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.6 26.4
 125 8.4 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 42.976 ng
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55

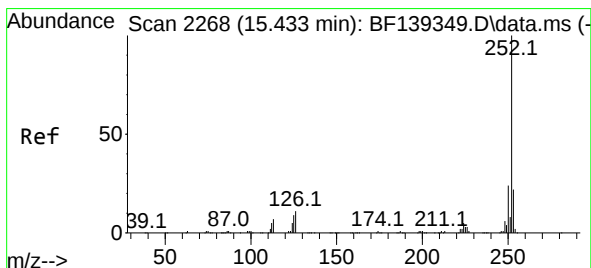
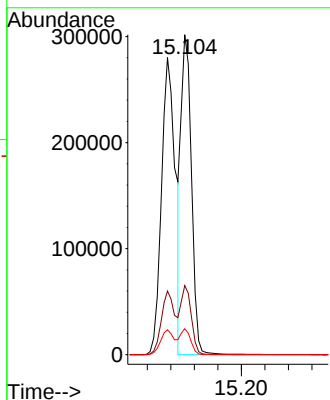
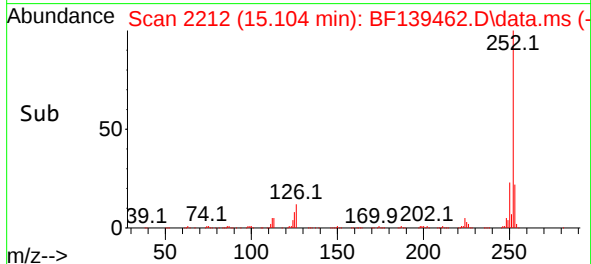
Instrument :
BNA_F
ClientSampleId :
PB163516BSD



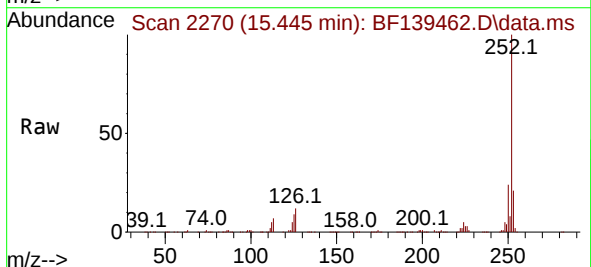
Tgt Ion:252 Resp: 372079
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 8.1 5.9 8.9

Manual Integrations
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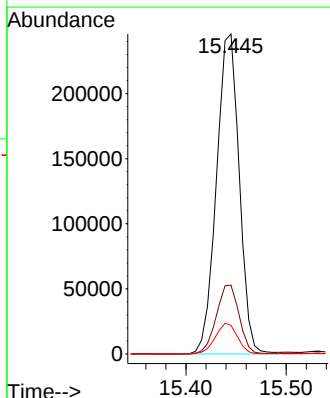
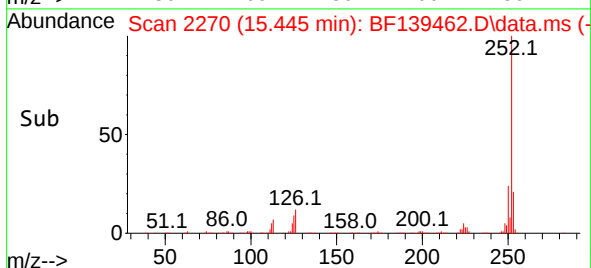
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

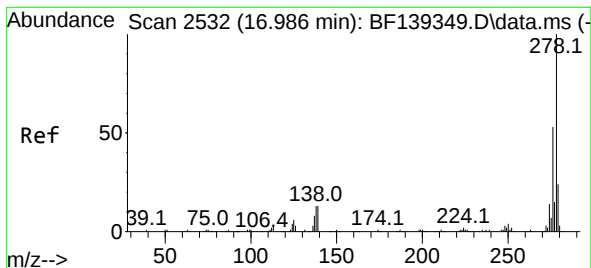


#90
Benzo(a)pyrene
Concen: 49.770 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BF139462.D
Acq: 19 Sep 2024 13:55



Tgt Ion:252 Resp: 387589
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 8.9 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 46.223 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

Instrument :

BNA_F

ClientSampleId :

PB163516BSD

Tgt Ion:278 Resp: 34580

Ion Ratio Lower Upper

278 100

139 13.7 10.2 15.2

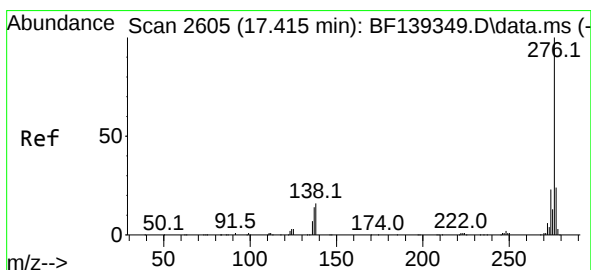
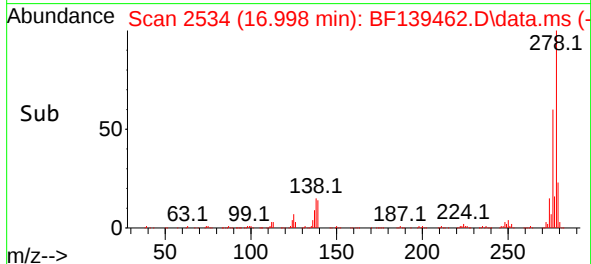
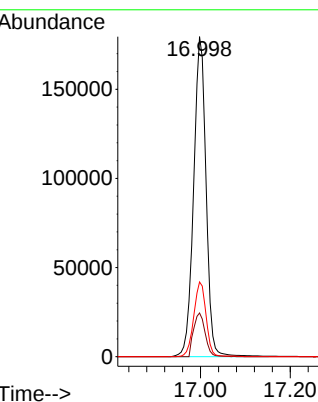
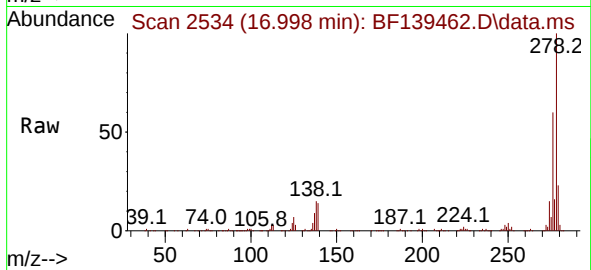
279 23.4 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#92

Benzo(g,h,i)perylene

Concen: 41.802 ng

RT: 17.427 min Scan# 2607

Delta R.T. 0.012 min

Lab File: BF139462.D

Acq: 19 Sep 2024 13:55

Tgt Ion:276 Resp: 309635

Ion Ratio Lower Upper

276 100

277 23.0 18.9 28.3

138 18.3 13.0 19.6

