

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140666.D
 Acq On : 27 Nov 2024 13:38
 Operator : RC/JU
 Sample : P4938-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-732MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024

Quant Time: Nov 27 14:02:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	67929	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	262127	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	152071	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	296201	20.000	ng	0.00
76) Chrysene-d12	14.051	240	177973	20.000	ng	0.00
86) Perylene-d12	15.539	264	132236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	586925	147.421	ng	0.02
7) Phenol-d6	6.516	99	757624	143.943	ng	0.00
23) Nitrobenzene-d5	7.433	82	511555	99.823	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	268992	165.390	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1015155	99.462	ng	0.00
79) Terphenyl-d14	12.986	244	1150436	100.655	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.822	88	70259	41.973	ng	# 83
3) Pyridine	3.551	79	113704	30.873	ng	99
4) n-Nitrosodimethylamine	3.469	42	100430	46.396	ng	95
6) Aniline	6.539	93	47742	12.887	ng	# 8
8) 2-Chlorophenol	6.663	128	222859	52.030	ng	95
9) Benzaldehyde	6.428	77	19559	7.020	ng	96
10) Phenol	6.528	94	260801	48.519	ng	88
11) bis(2-Chloroethyl)ether	6.604	93	203196	49.400	ng	99
12) 1,3-Dichlorobenzene	6.810	146	200483	41.656	ng	98
13) 1,4-Dichlorobenzene	6.886	146	205348	42.138	ng	100
14) 1,2-Dichlorobenzene	7.039	146	198142	43.392	ng	99
15) Benzyl Alcohol	7.016	79	170980	43.804	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	242772	49.960	ng	82
17) 2-Methylphenol	7.133	107	180878	52.754	ng	97
18) Hexachloroethane	7.381	117	75038	41.228	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	162170	52.134	ng	99
20) 3+4-Methylphenols	7.286	107	241702	54.844	ng	92
22) Acetophenone	7.281	105	312834	48.953	ng	97
24) Nitrobenzene	7.457	77	245621	46.374	ng	98
25) Isophorone	7.692	82	444745	52.032	ng	100
26) 2-Nitrophenol	7.769	139	118795	50.612	ng	100
27) 2,4-Dimethylphenol	7.810	122	188300m	67.051	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	257620	49.474	ng	99
29) 2,4-Dichlorophenol	8.016	162	200158	53.788	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	187090	44.033	ng	99
31) Naphthalene	8.175	128	642354	47.575	ng	99
32) Benzoic acid	7.945	122	137133	54.898	ng	95
33) 4-Chloroaniline	8.239	127	28127	6.958	ng	97
34) Hexachlorobutadiene	8.286	225	123991	44.059	ng	99
35) Caprolactam	8.598	113	56524m	49.083	ng	
36) 4-Chloro-3-methylphenol	8.716	107	233359	56.010	ng	100
37) 2-Methylnaphthalene	8.863	142	449532	52.419	ng	99
38) 1-Methylnaphthalene	8.963	142	413642	49.208	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	220111	49.442	ng	99
41) Hexachlorocyclopentadiene	9.016	237	183072	173.563	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	152041	54.427	ng	99

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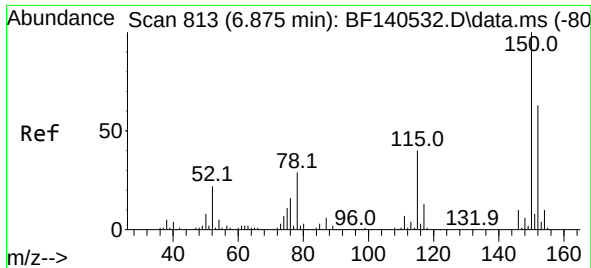
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

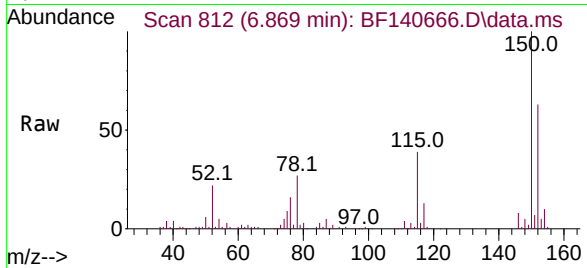
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	162487	53.595	ng	98
46) 1,1'-Biphenyl	9.327	154	583236	51.369	ng	100
47) 2-Chloronaphthalene	9.357	162	430094	49.994	ng	99
48) 2-Nitroaniline	9.457	65	142267	51.520	ng	96
49) Acenaphthylene	9.769	152	721012	55.469	ng	99
50) Dimethylphthalate	9.627	163	570402	56.953	ng	100
51) 2,6-Dinitrotoluene	9.698	165	118974	52.379	ng	96
52) Acenaphthene	9.945	154	435461	52.725	ng	100
53) 3-Nitroaniline	9.869	138	18610	8.377	ng	97
54) 2,4-Dinitrophenol	9.980	184	149178	122.233	ng	98
55) Dibenzofuran	10.116	168	673834	53.488	ng	99
56) 4-Nitrophenol	10.045	139	155480	102.621	ng	96
57) 2,4-Dinitrotoluene	10.104	165	167516	55.491	ng	99
58) Fluorene	10.457	166	549399	54.332	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	146422	62.842	ng	93
60) Diethylphthalate	10.327	149	569097	55.927	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	266790	53.761	ng	96
62) 4-Nitroaniline	10.480	138	67216	28.848	ng	98
63) Azobenzene	10.610	77	498157	51.695	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	98061	64.787	ng	97
66) n-Nitrosodiphenylamine	10.569	169	254237	29.024	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	162616	53.309	ng	98
68) Hexachlorobenzene	11.010	284	180817	51.193	ng	98
69) Atrazine	11.092	200	35812	14.533	ng	100
70) Pentachlorophenol	11.210	266	197212	126.861	ng	99
71) Phenanthrene	11.427	178	780266	54.801	ng	100
72) Anthracene	11.474	178	790920	56.788	ng	100
73) Carbazole	11.633	167	409597	30.571	ng	100
74) Di-n-butylphthalate	11.951	149	885211	57.227	ng	100
75) Fluoranthene	12.616	202	844296	54.615	ng	100
77) Benzidine	12.757	184	10754m	2.078	ng	
78) Pyrene	12.845	202	854629	51.935	ng	100
80) Butylbenzylphthalate	13.457	149	339530	57.275	ng	99
81) Benzo(a)anthracene	14.039	228	646511	54.877	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	2892	0.818	ng	# 91
83) Chrysene	14.074	228	588072	54.590	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	457915	61.175	ng	100
85) Di-n-octyl phthalate	14.633	149	681736	66.643	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	546892	63.462	ng	99
88) Benzo(b)fluoranthene	15.104	252	523502	63.027	ng	99
89) Benzo(k)fluoranthene	15.133	252	536893	73.867	ng	99
90) Benzo(a)pyrene	15.480	252	472270	69.931	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	475365	67.355	ng	99
92) Benzo(g,h,i)perylene	17.503	276	379393	52.680	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140666.D
 Acq: 27 Nov 2024 13:38

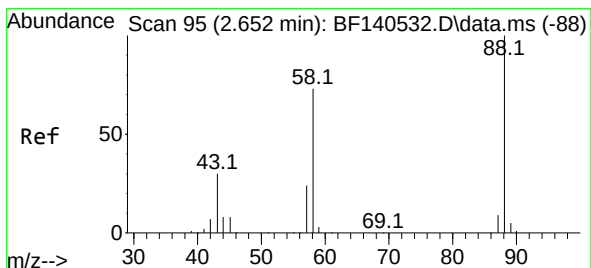
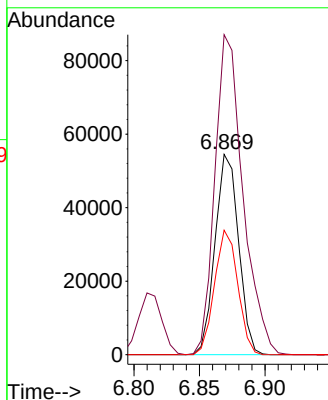
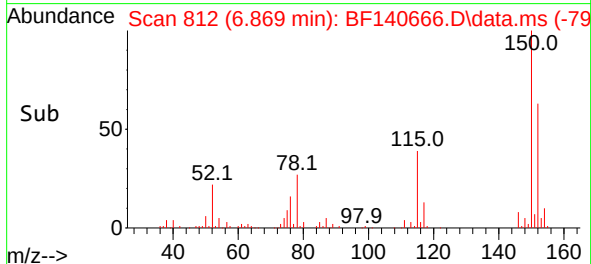
Instrument :
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 ClientSampleId :
 MH-732MSD



Tgt Ion:152 Resp: 67929
 Ion Ratio Lower Upper
 152 100
 150 159.7 128.5 192.7
 115 62.1 50.2 75.4

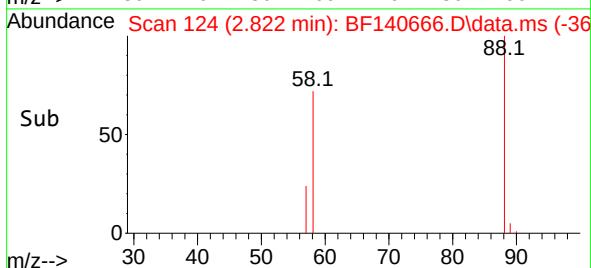
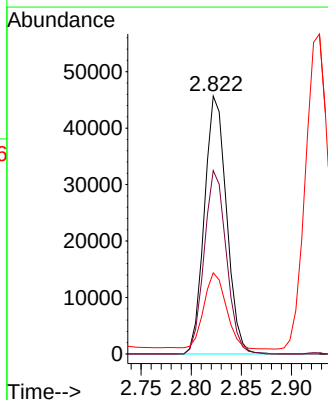
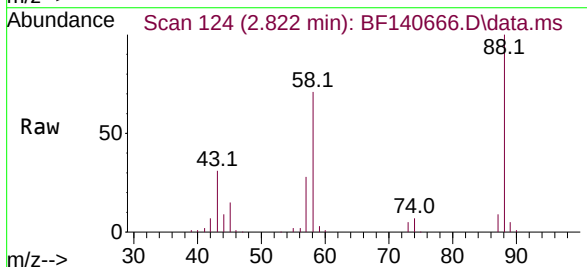
Manual Integrations
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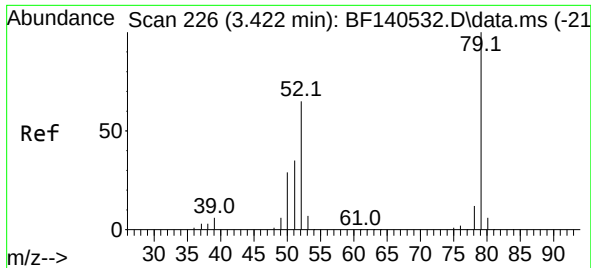
Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024



#2
 1,4-Dioxane
 Concen: 41.973 ng
 RT: 2.822 min Scan# 124
 Delta R.T. 0.170 min
 Lab File: BF140666.D
 Acq: 27 Nov 2024 13:38

Tgt Ion: 88 Resp: 70259
 Ion Ratio Lower Upper
 88 100
 58 71.1 57.4 86.2
 43 0.0 24.3 36.5





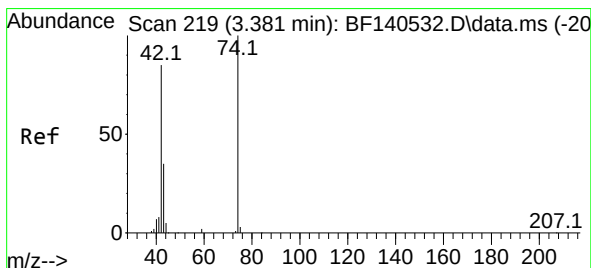
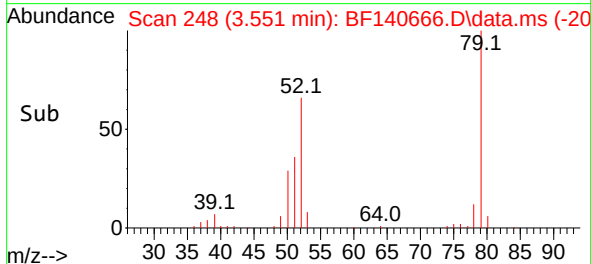
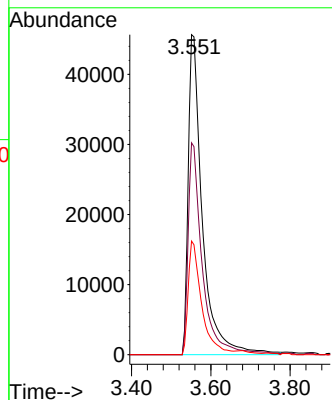
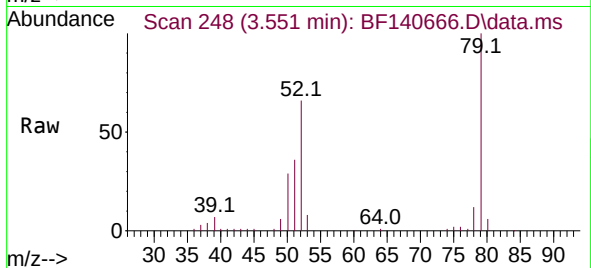
#3
Pyridine
Concen: 30.873 ng
RT: 3.551 min Scan# 24
Delta R.T. 0.129 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion: 79 Resp: 113704
Ion Ratio Lower Upper
79 100
52 66.2 52.1 78.1
51 35.5 27.8 41.8

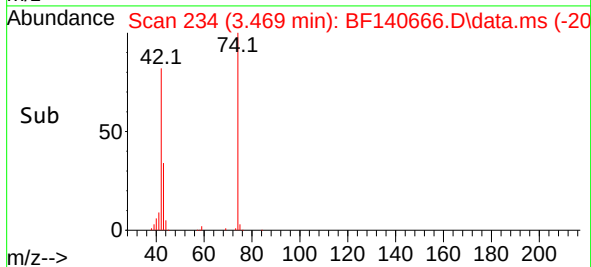
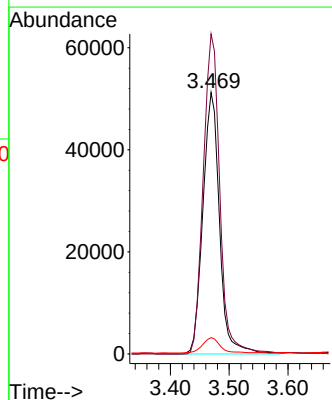
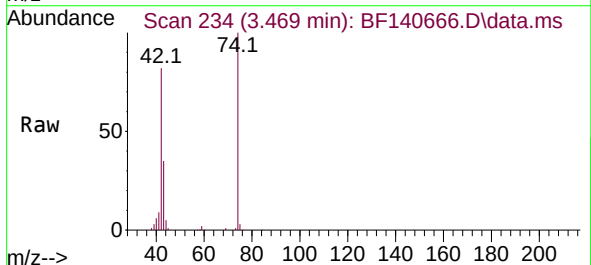
Manual Integrations
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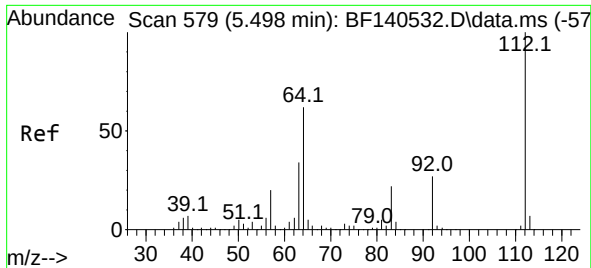
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#4
n-Nitrosodimethylamine
Concen: 46.396 ng
RT: 3.469 min Scan# 234
Delta R.T. 0.088 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Tgt Ion: 42 Resp: 100430
Ion Ratio Lower Upper
42 100
74 122.4 93.8 140.6
44 6.2 4.6 6.8





#5
2-Fluorophenol
Concen: 147.421 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

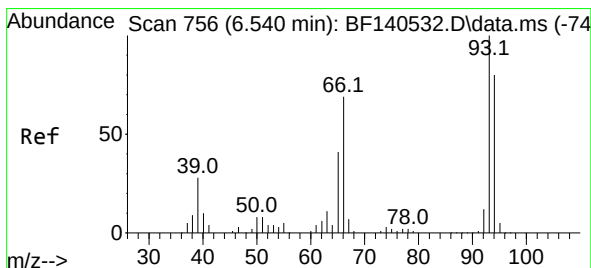
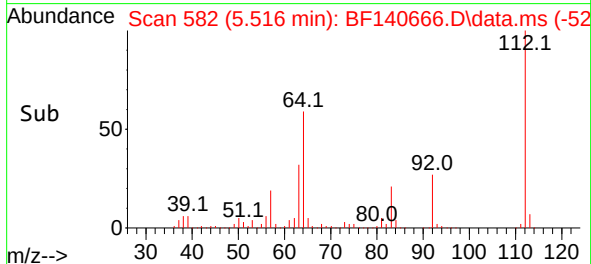
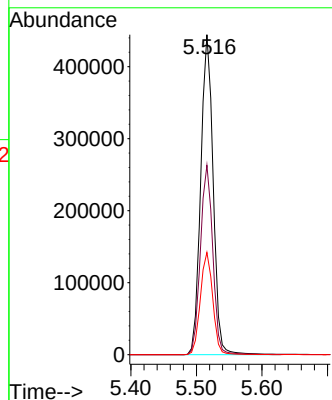
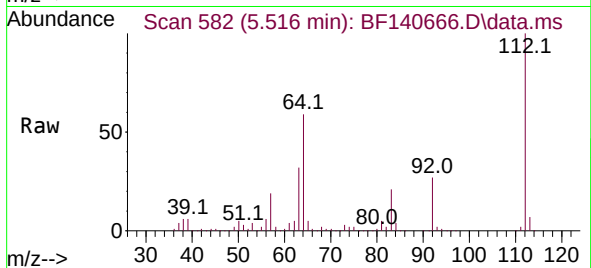
MH-732MSD

Tgt Ion:112 Resp: 58692
Ion Ratio Lower Upper
112 100
64 59.2 49.2 73.8
63 32.0 27.0 40.4

Manual Integrations

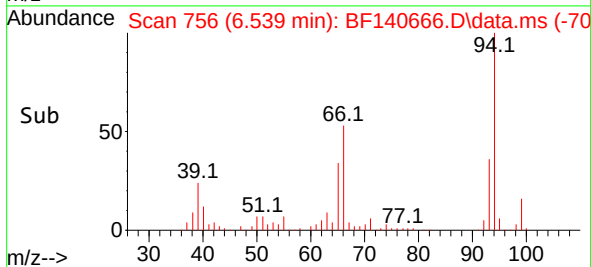
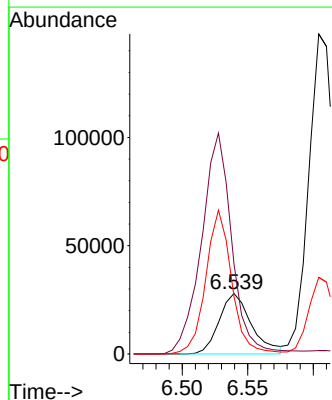
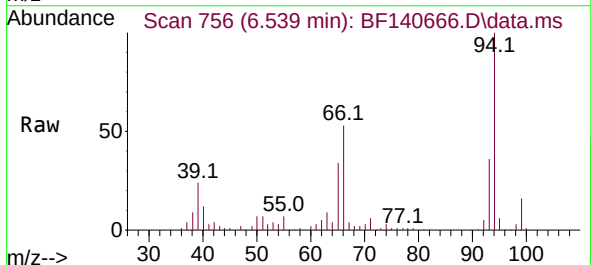
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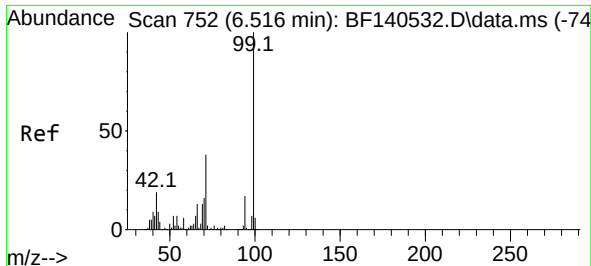
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#6
Aniline
Concen: 12.887 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

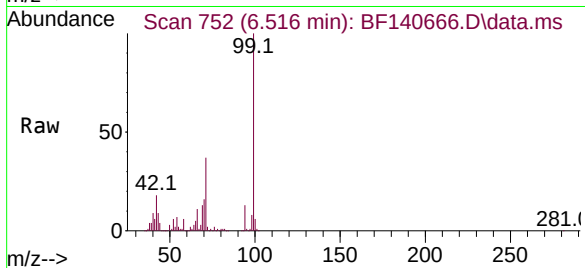
Tgt Ion: 93 Resp: 47742
Ion Ratio Lower Upper
93 100
66 149.3 56.5 84.7#
65 95.4 32.9 49.3#





#7
Phenol-d6
Concen: 143.943 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

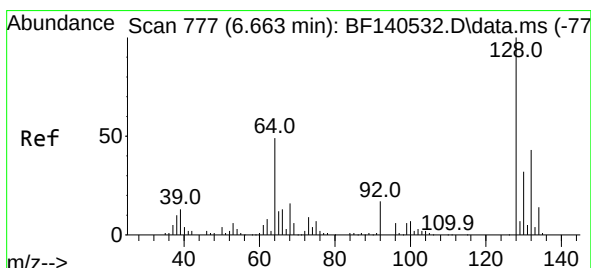
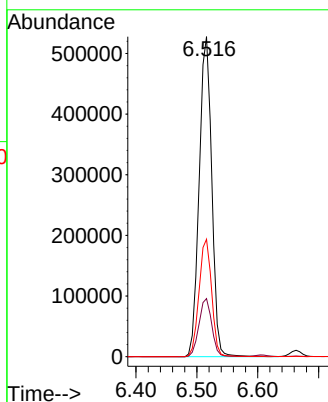
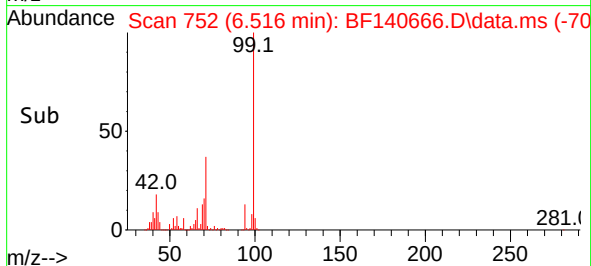
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ClientSampleId :
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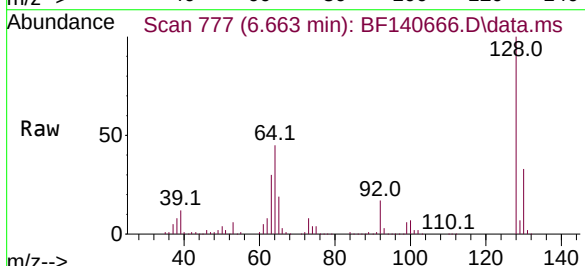
Tgt Ion: 99 Resp: 757624
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.7 30.6 46.0

Manual Integrations
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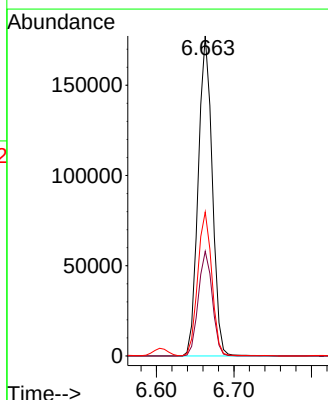
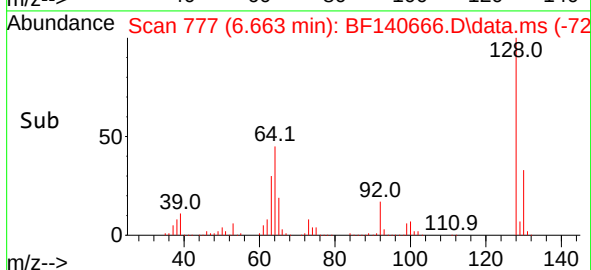
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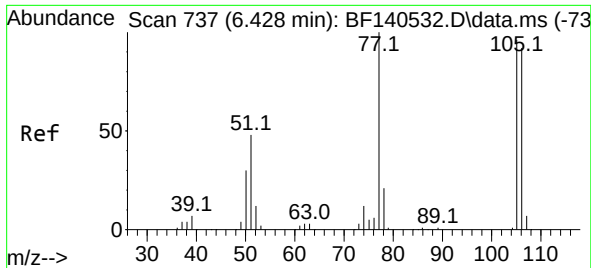


#8
2-Chlorophenol
Concen: 52.030 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38



Tgt Ion:128 Resp: 222859
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 45.0 30.2 70.2





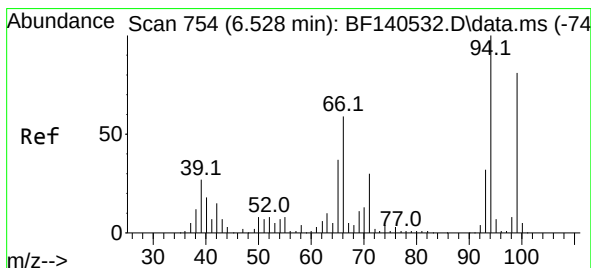
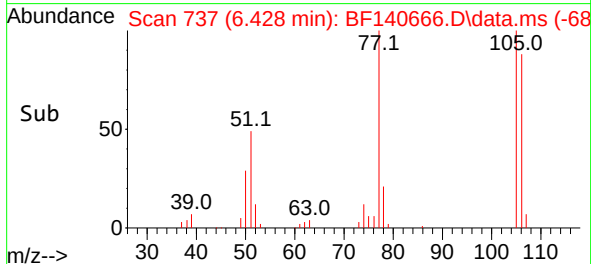
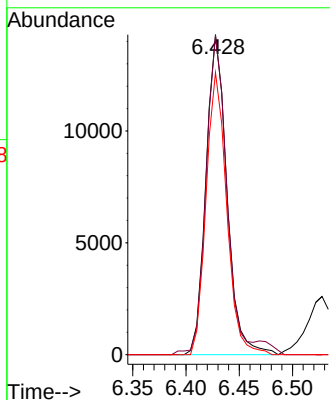
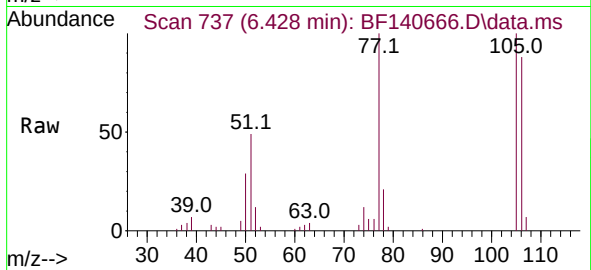
#9
Benzaldehyde
Concen: 7.020 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion: 77 Resp: 1955
Ion Ratio Lower Upper
77 100
105 99.7 75.6 115.6
106 88.2 72.0 112.0

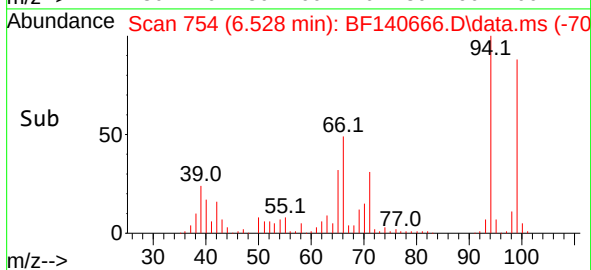
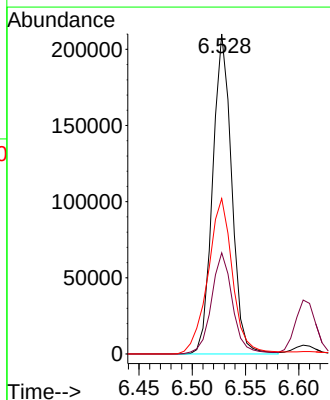
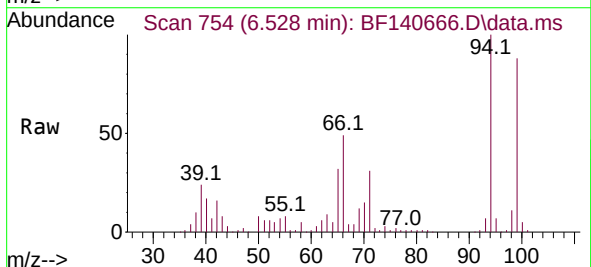
Manual Integrations
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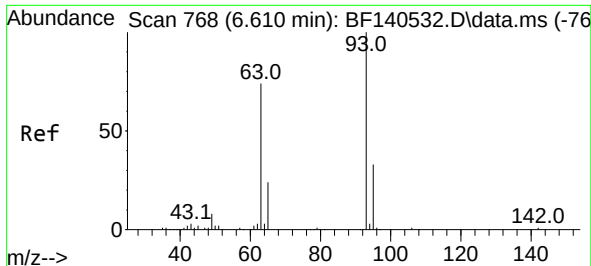
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#10
Phenol
Concen: 48.519 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

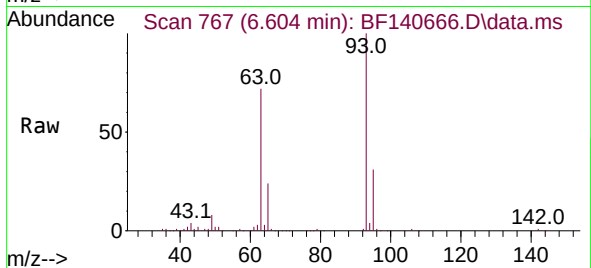
Tgt Ion: 94 Resp: 260801
Ion Ratio Lower Upper
94 100
65 31.6 17.2 57.2
66 48.6 39.2 79.2





#11
bis(2-Chloroethyl)ether
Concen: 49.400 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

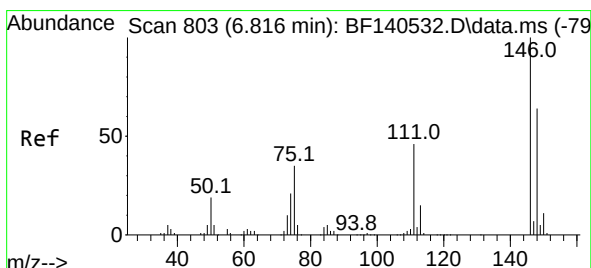
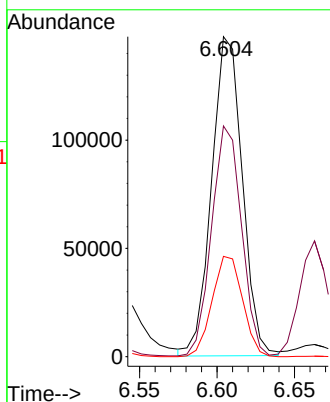
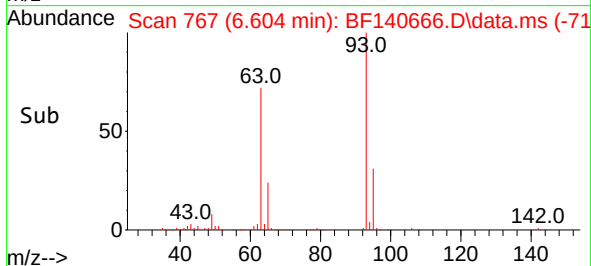
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



Tgt Ion: 93 Resp: 203190
Ion Ratio Lower Upper
93 100
63 72.1 52.8 92.8
95 31.3 12.3 52.3

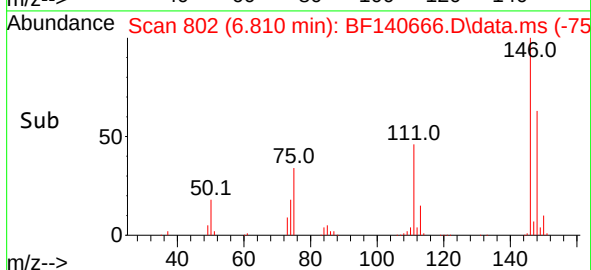
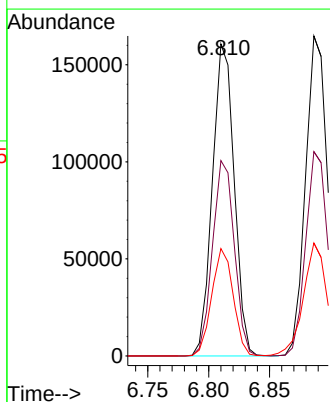
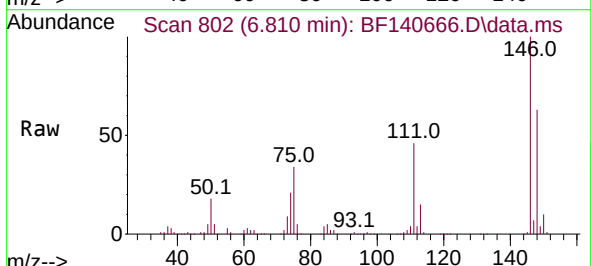
Manual Integrations
APPROVED

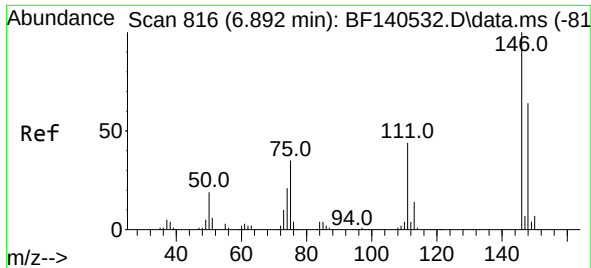
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#12
1,3-Dichlorobenzene
Concen: 41.656 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Tgt Ion:146 Resp: 200483
Ion Ratio Lower Upper
146 100
148 62.6 51.3 76.9
75 34.4 28.2 42.2





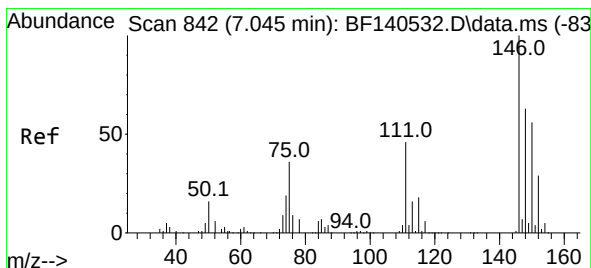
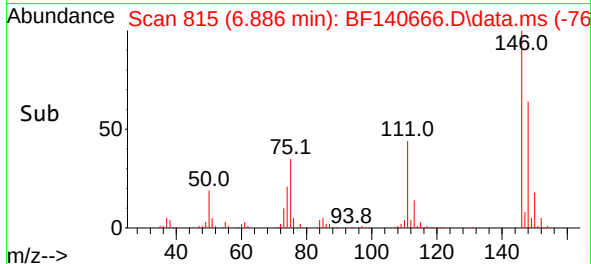
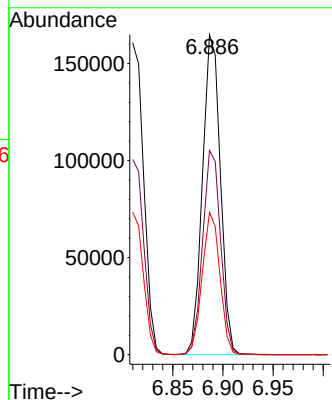
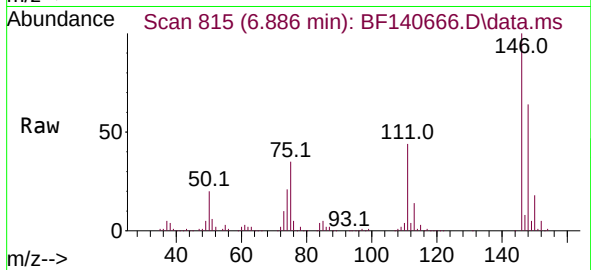
#13
1,4-Dichlorobenzene
Concen: 42.138 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:146 Resp: 20534
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 44.5 35.3 52.9

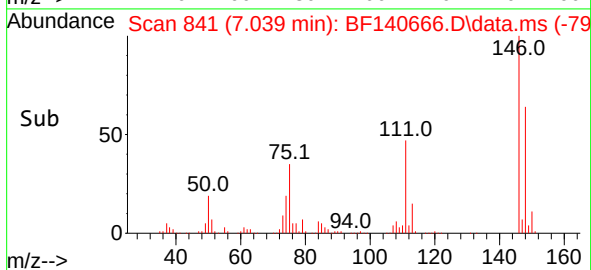
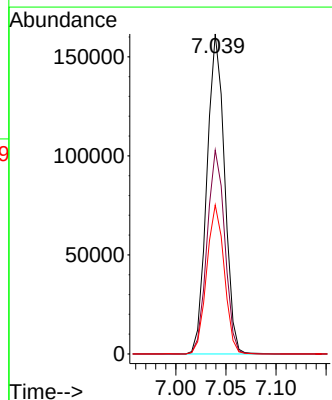
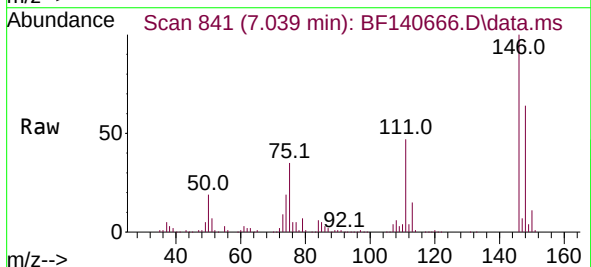
Manual Integrations
APPROVED

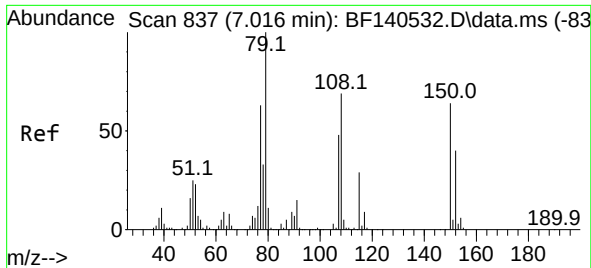
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#14
1,2-Dichlorobenzene
Concen: 43.392 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

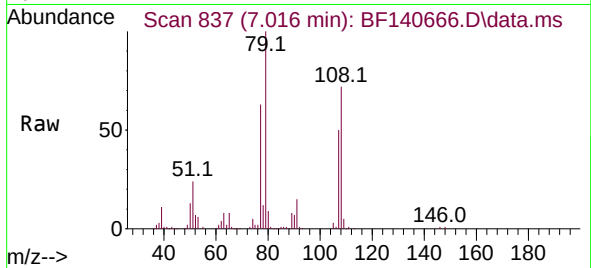
Tgt Ion:146 Resp: 198142
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
111 46.6 36.7 55.1





#15
Benzyl Alcohol
Concen: 43.804 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

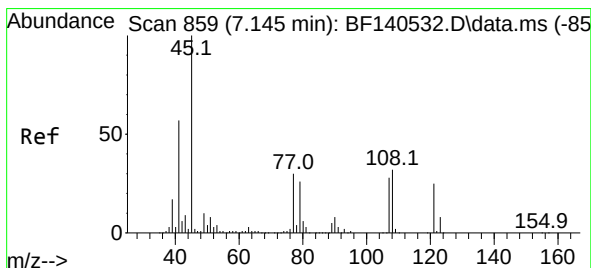
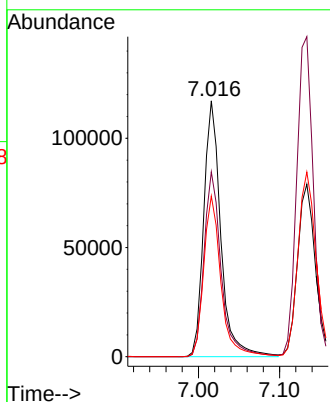
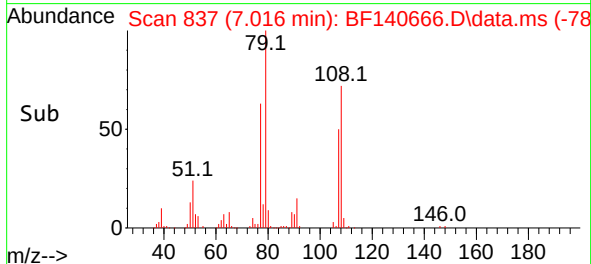
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



Tgt Ion: 79 Resp: 170980
Ion Ratio Lower Upper
79 100
108 72.2 55.0 82.6
77 62.8 50.1 75.1

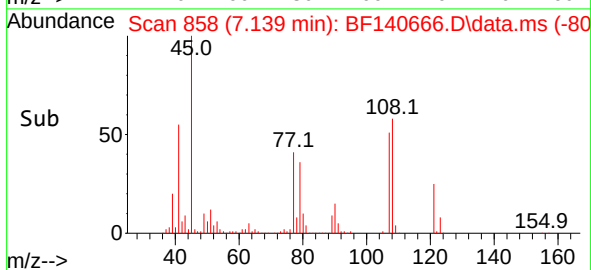
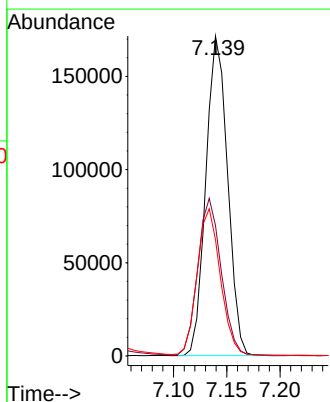
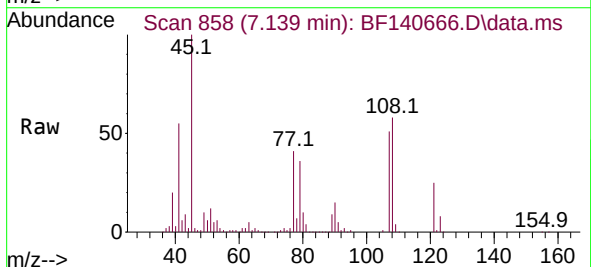
Manual Integrations
APPROVED

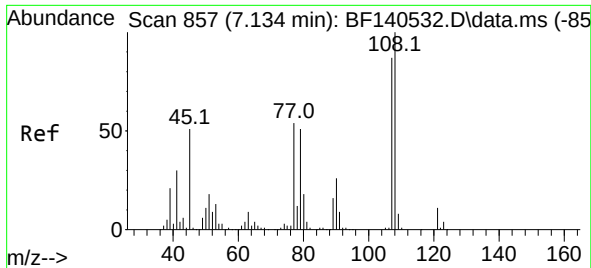
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.960 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

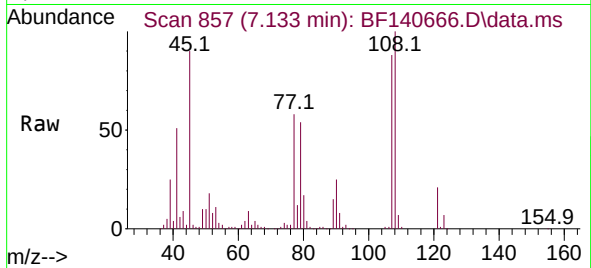
Tgt Ion: 45 Resp: 242772
Ion Ratio Lower Upper
45 100
77 40.8 10.7 50.7
79 36.4 7.0 47.0





#17
2-Methylphenol
Concen: 52.754 ng
RT: 7.133 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

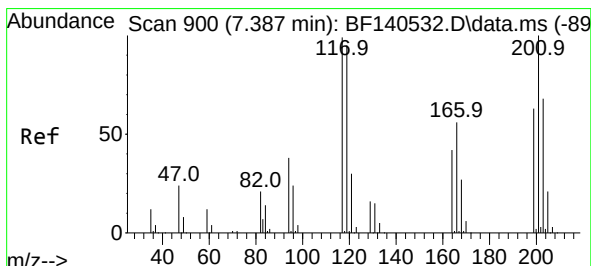
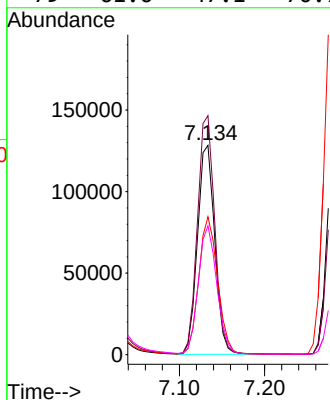
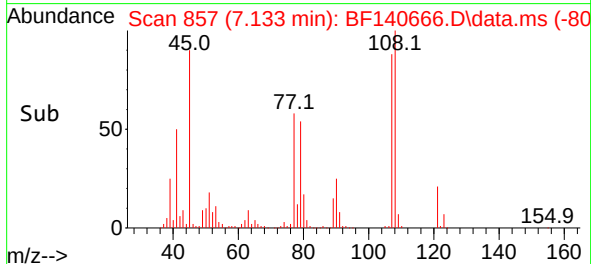
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



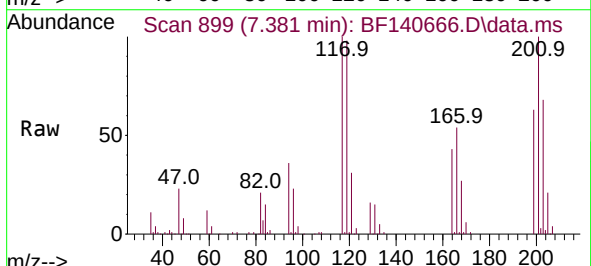
Tgt Ion:107 Resp: 180878
Ion Ratio Lower Upper
107 100
108 114.2 91.7 137.5
77 65.9 49.3 73.9
79 61.6 47.1 70.7

Manual Integrations
APPROVED

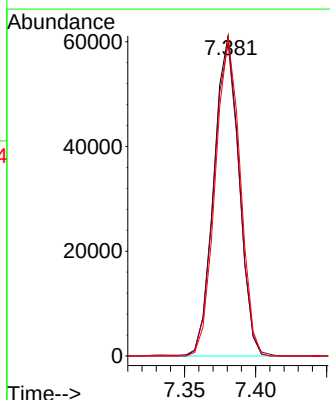
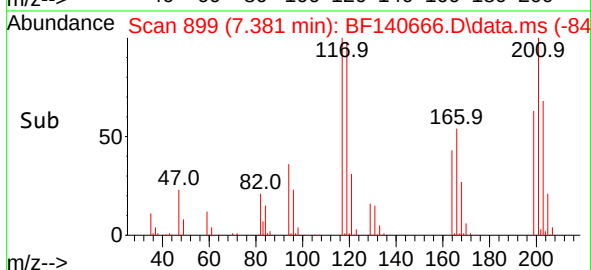
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

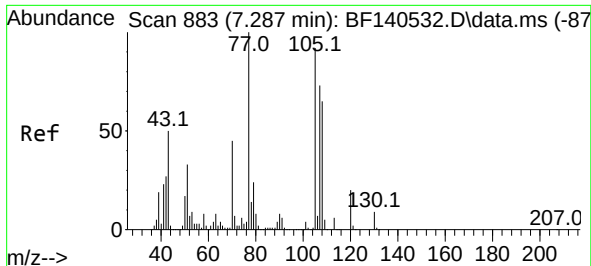


#18
Hexachloroethane
Concen: 41.228 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38



Tgt Ion:117 Resp: 75038
Ion Ratio Lower Upper
117 100
119 97.7 77.1 115.7
201 99.6 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 52.134 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140666.D

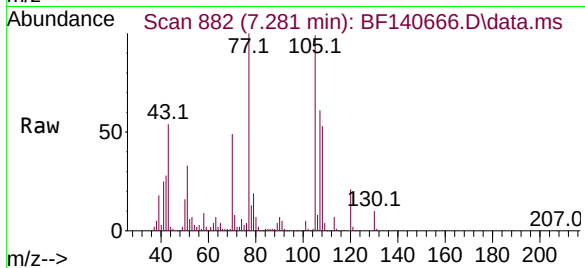
Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD



Tgt Ion: 70 Resp: 162170

Ion Ratio Lower Upper

70 100

42 58.2 47.6 71.4

101 9.8 7.6 11.4

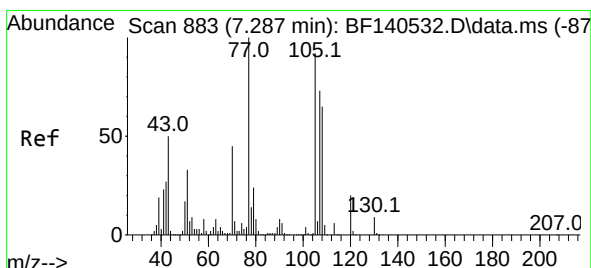
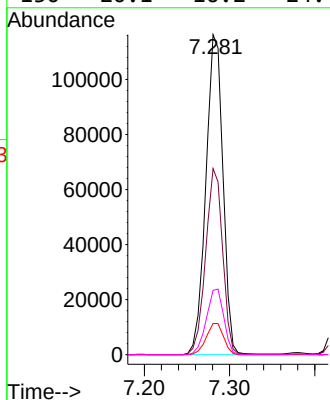
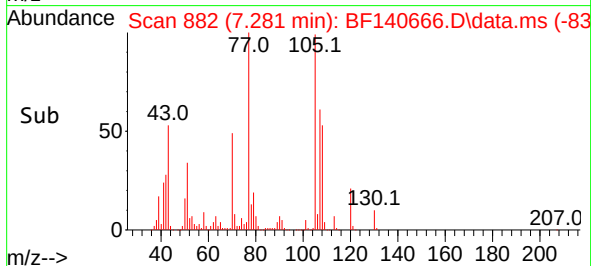
130 20.1 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#20

3+4-Methylphenols

Concen: 54.844 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Tgt Ion:107 Resp: 241702

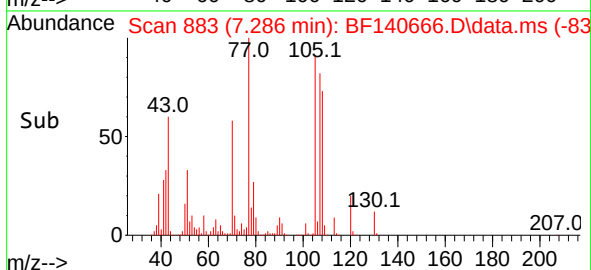
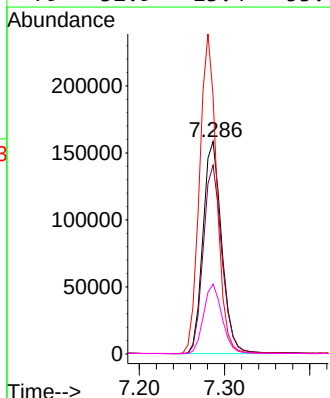
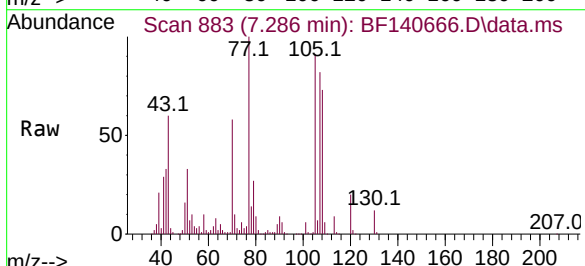
Ion Ratio Lower Upper

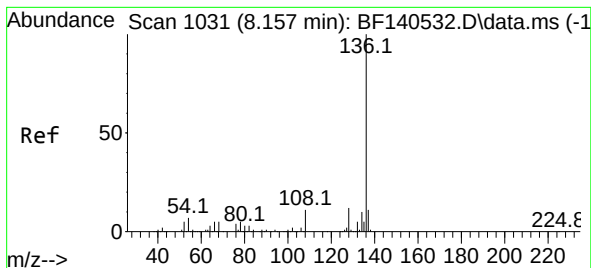
107 100

108 88.9 69.9 109.9

77 121.4 117.7 157.7

79 32.9 13.4 53.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

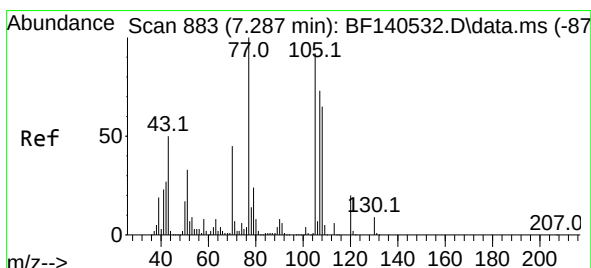
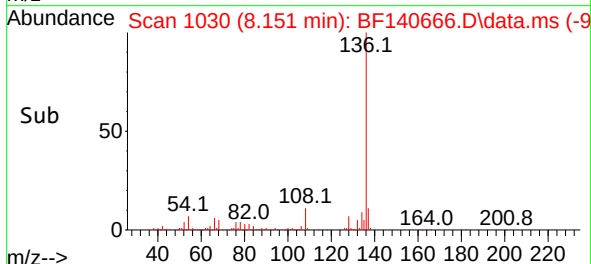
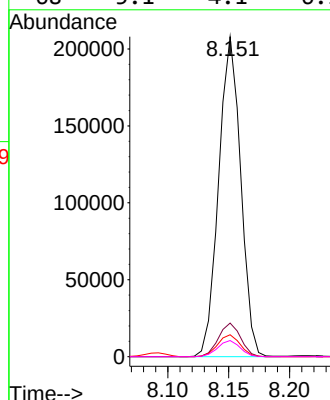
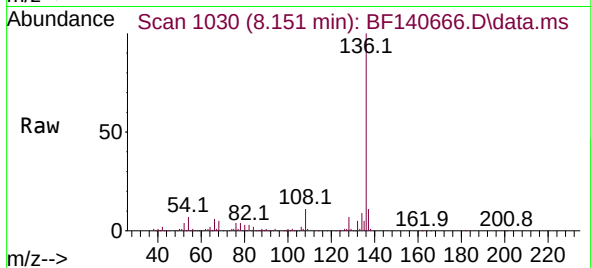
Tgt Ion:	136	Resp:	26212
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	6.9	5.8	8.8
68	5.1	4.1	6.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#22

Acetophenone

Concen: 48.953 ng

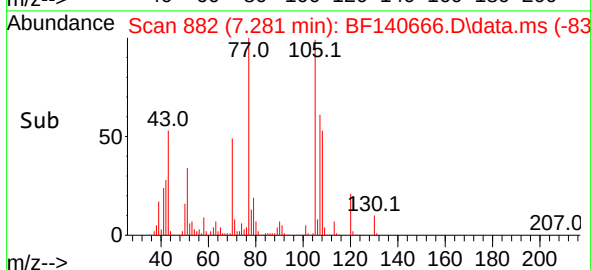
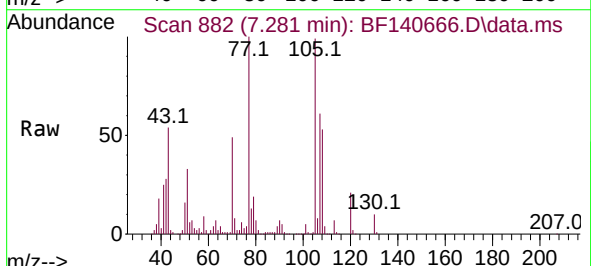
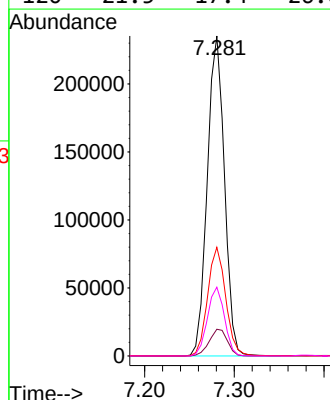
RT: 7.281 min Scan# 882

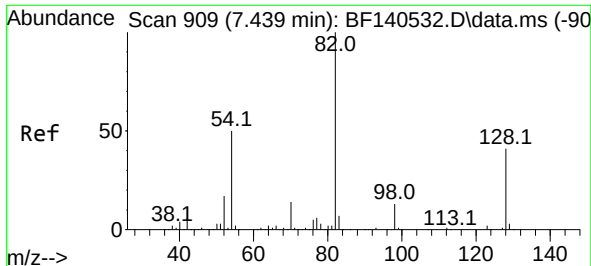
Delta R.T. -0.006 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Tgt Ion:	105	Resp:	312834
Ion Ratio	Lower	Upper	
105	100		
71	8.3	6.2	9.2
51	34.0	29.0	43.6
120	21.5	17.4	26.0





#23

Nitrobenzene-d5

Concen: 99.823 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

Tgt Ion: 82 Resp: 51155

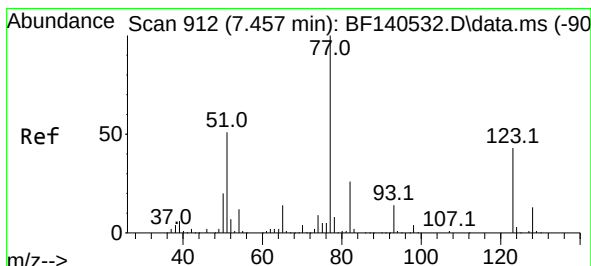
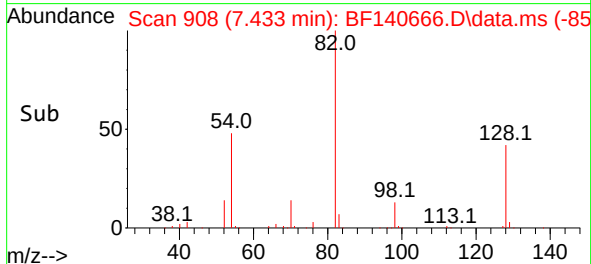
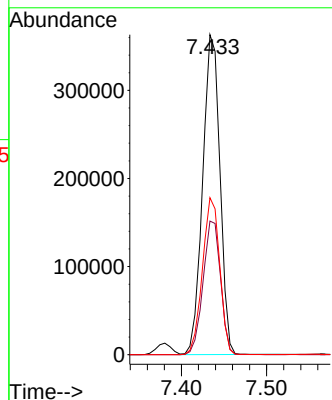
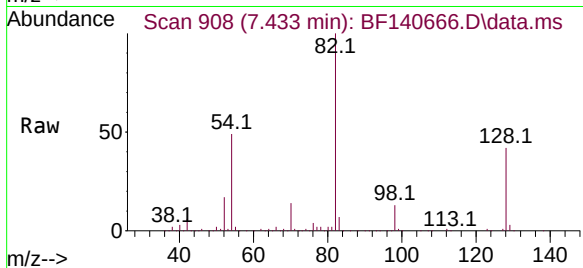
Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.0	49.4
54	49.1	39.5	59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#24

Nitrobenzene

Concen: 46.374 ng

RT: 7.457 min Scan# 912

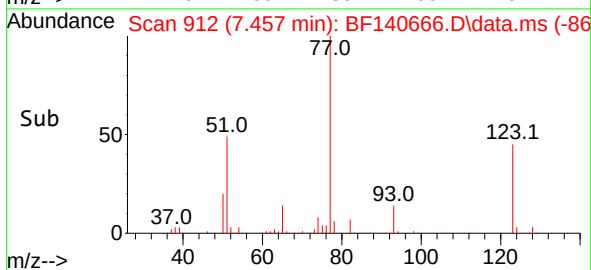
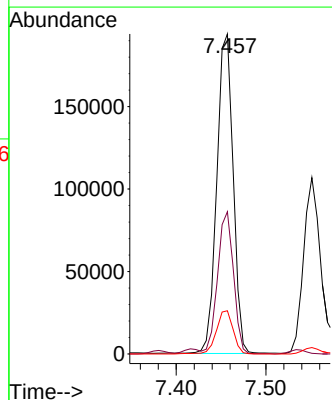
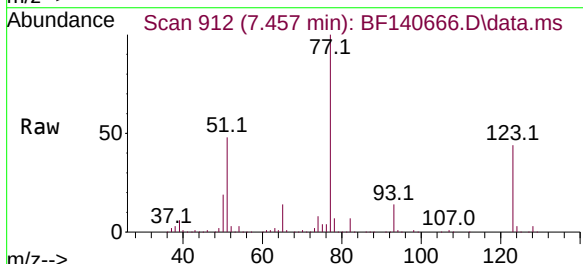
Delta R.T. -0.000 min

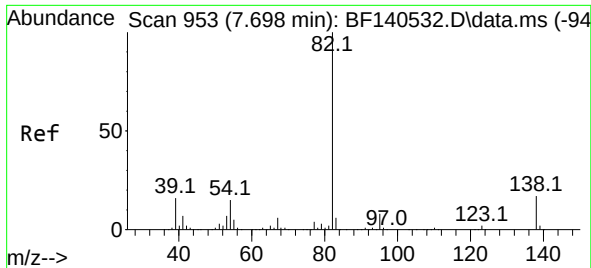
Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Tgt Ion: 77 Resp: 245621

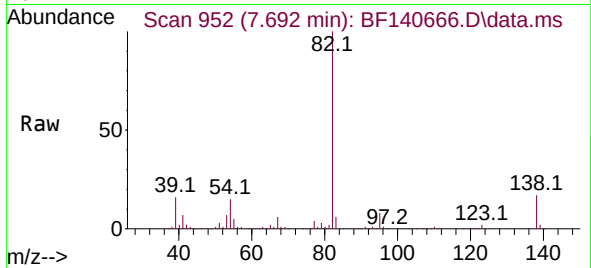
Ion	Ratio	Lower	Upper
77	100		
123	44.5	34.3	51.5
65	13.5	11.2	16.8





#25
Isophorone
Concen: 52.032 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

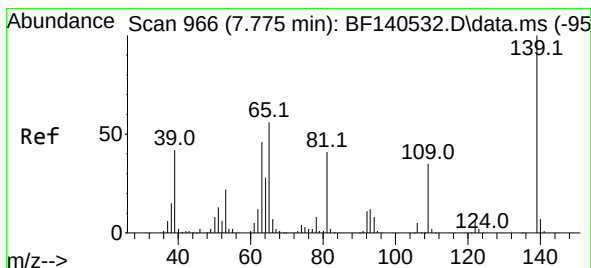
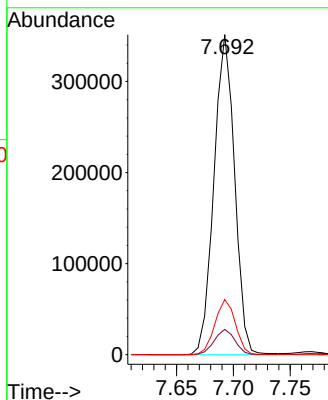
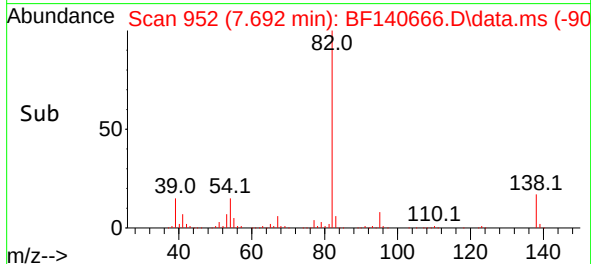
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



Tgt Ion: 82 Resp: 444745
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.3 13.8 20.6

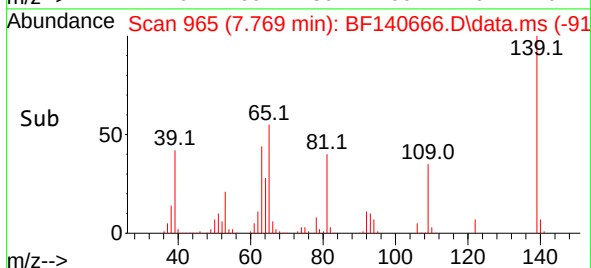
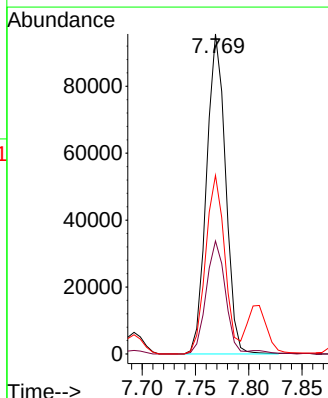
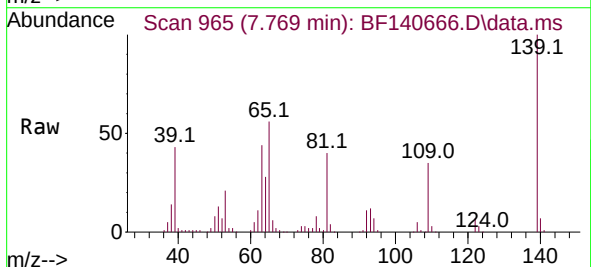
Manual Integrations
APPROVED

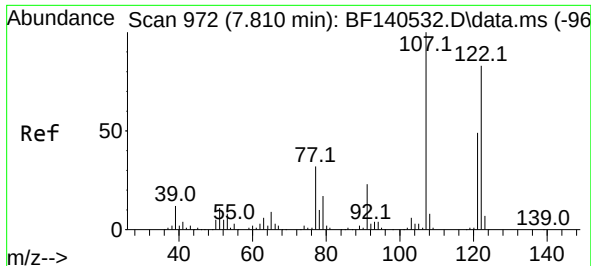
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#26
2-Nitrophenol
Concen: 50.612 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Tgt Ion:139 Resp: 118795
Ion Ratio Lower Upper
139 100
109 35.3 28.0 42.0
65 55.8 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 67.051 ng m
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

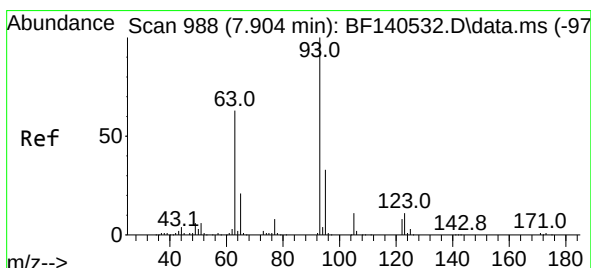
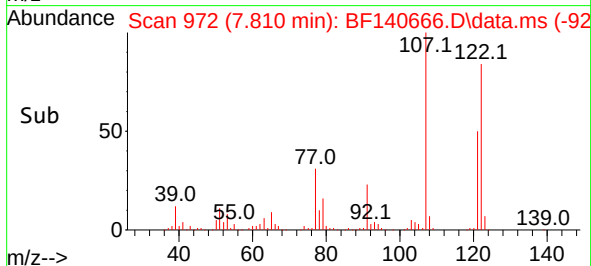
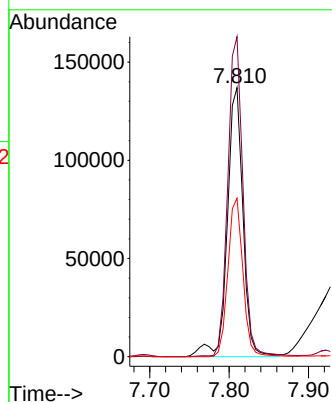
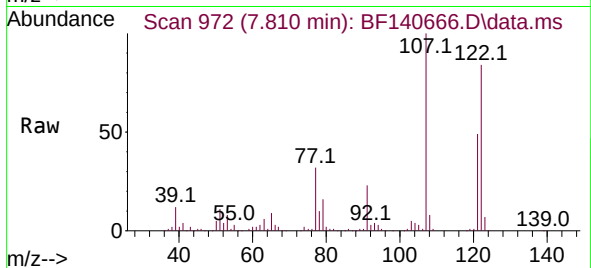
MH-732MSD

Tgt Ion:122 Resp: 188300
Ion Ratio Lower Upper
122 100
107 119.0 96.8 145.2
121 58.9 47.4 71.0

Manual Integrations

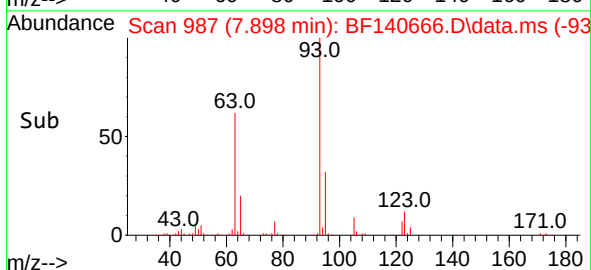
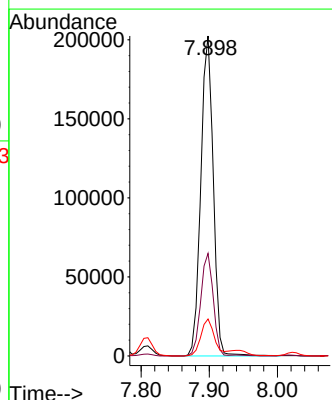
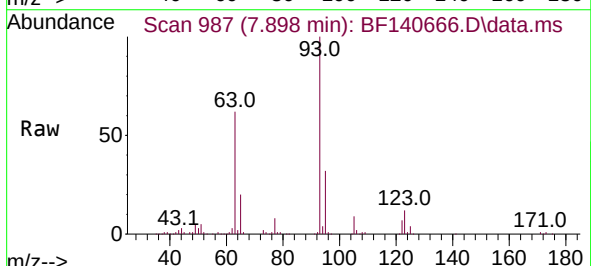
APPROVED

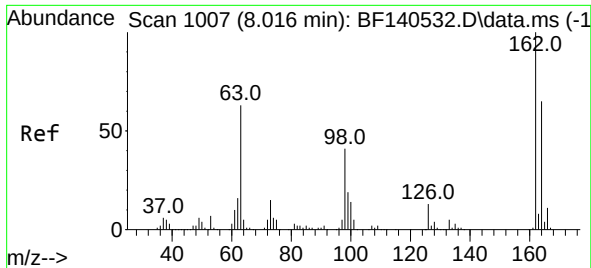
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#28
bis(2-Chloroethoxy)methane
Concen: 49.474 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Tgt Ion: 93 Resp: 257620
Ion Ratio Lower Upper
93 100
95 32.1 26.1 39.1
123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 53.788 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

Tgt Ion:162 Resp: 200158

Ion Ratio Lower Upper

162 100

164 65.1 44.8 84.8

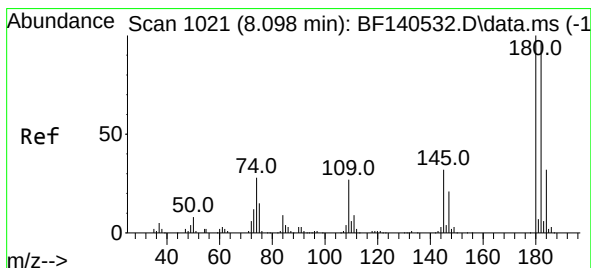
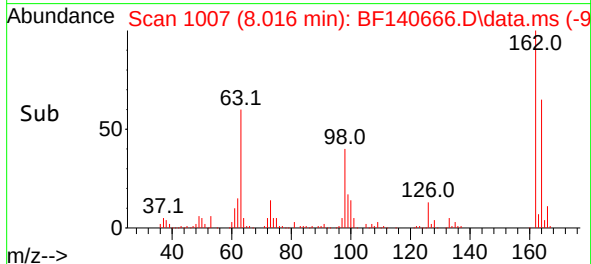
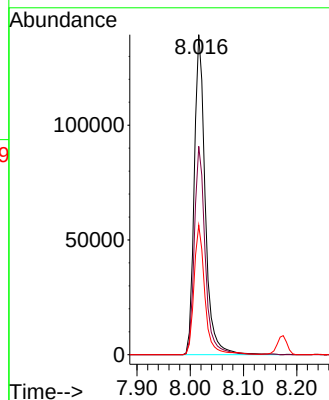
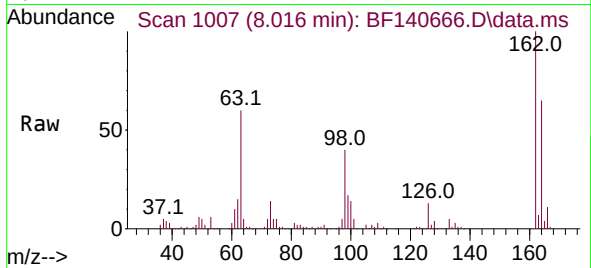
98 40.4 21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.033 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

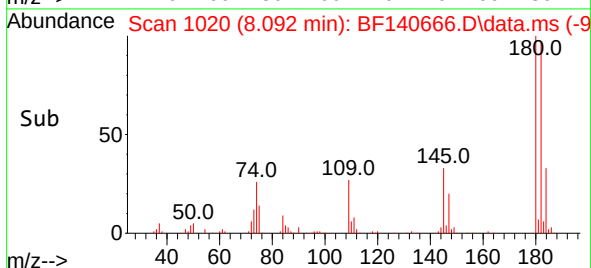
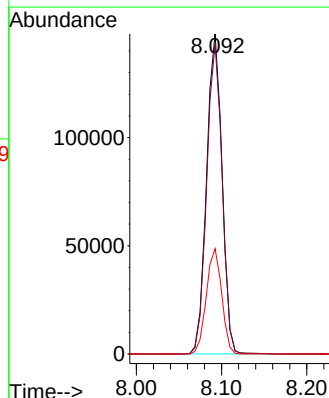
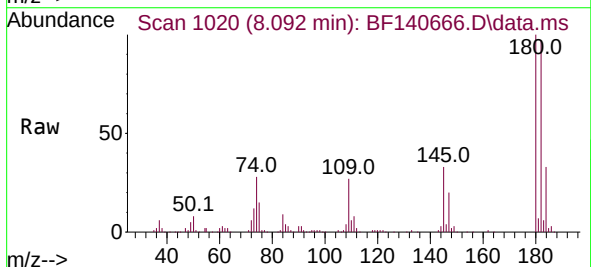
Tgt Ion:180 Resp: 187090

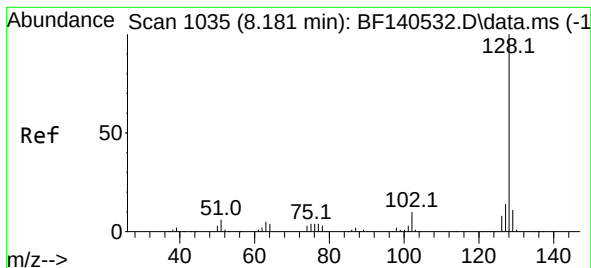
Ion Ratio Lower Upper

180 100

182 96.8 76.4 114.6

145 32.9 25.9 38.9





#31

Naphthalene

Concen: 47.575 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

Tgt Ion:128 Resp: 642354

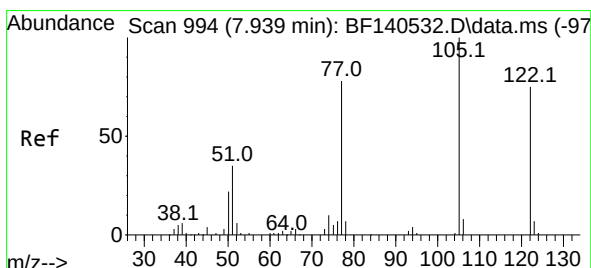
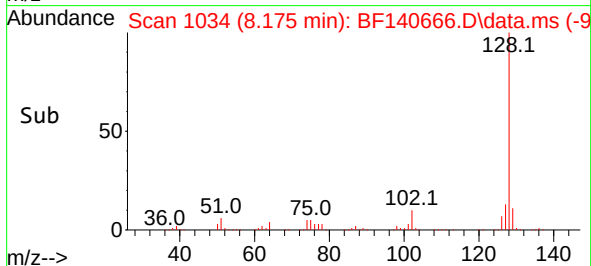
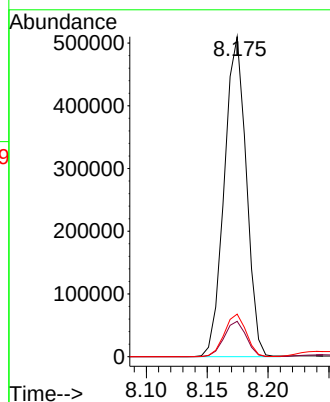
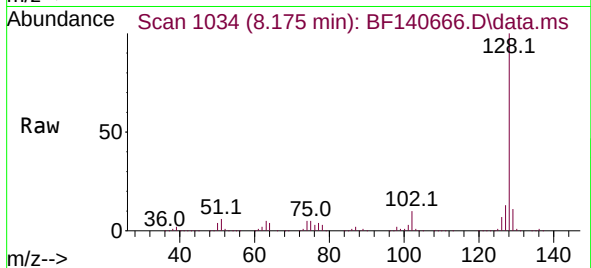
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.3	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#32

Benzoic acid

Concen: 54.898 ng

RT: 7.945 min Scan# 995

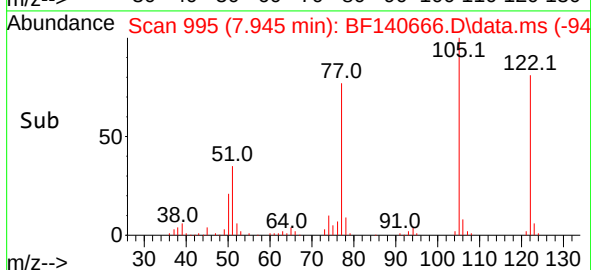
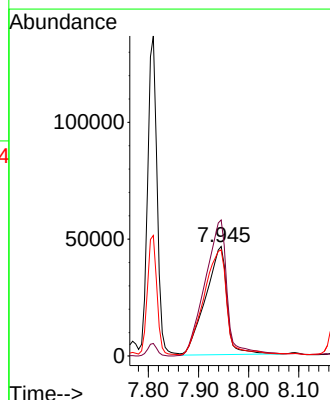
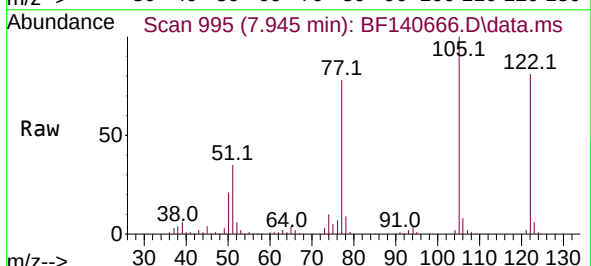
Delta R.T. 0.006 min

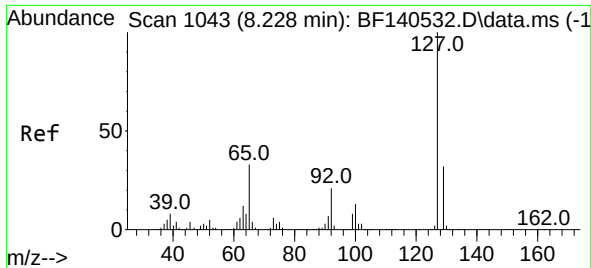
Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Tgt Ion:122 Resp: 137133

Ion	Ratio	Lower	Upper
122	100		
105	124.2	109.3	149.3
77	96.9	82.3	122.3





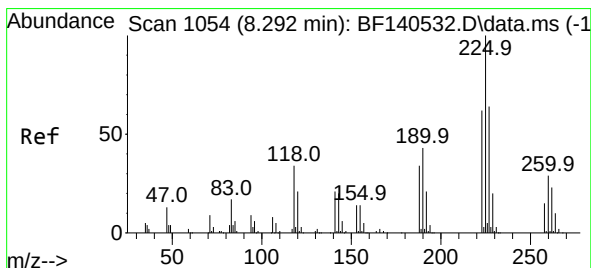
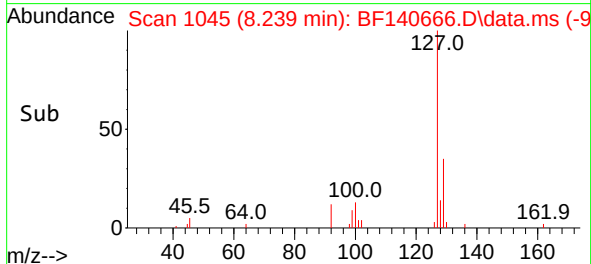
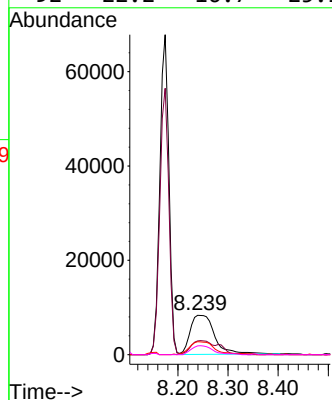
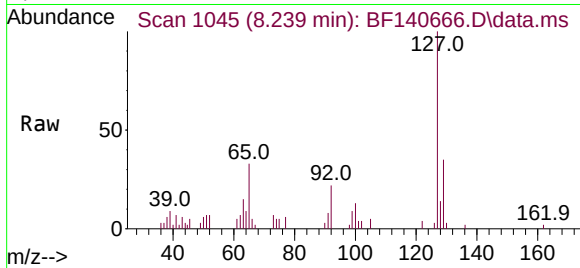
#33
4-Chloroaniline
Concen: 6.958 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.012 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:	127	Resp:	2812
Ion Ratio	Lower	Upper	
127	100		
129	34.9	26.0	39.0
65	32.8	26.0	39.0
92	22.2	16.7	25.1

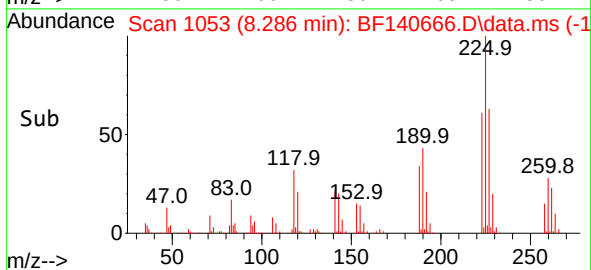
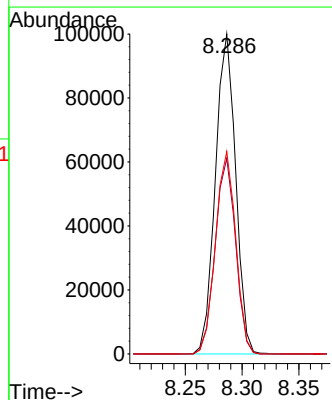
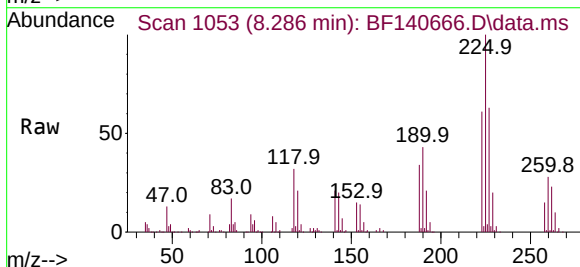
Manual Integrations
APPROVED

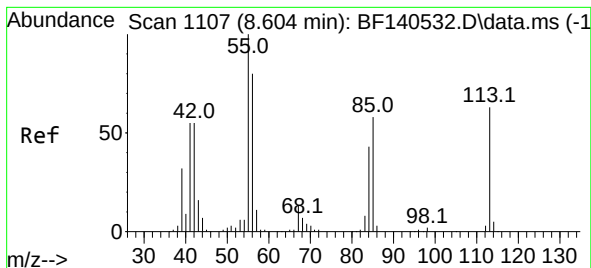
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#34
Hexachlorobutadiene
Concen: 44.059 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Tgt Ion:	225	Resp:	123991
Ion Ratio	Lower	Upper	
225	100		
223	61.1	49.8	74.8
227	63.3	51.3	76.9





#35

Caprolactam

Concen: 49.083 ng m

RT: 8.598 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

Tgt Ion:113 Resp: 56524

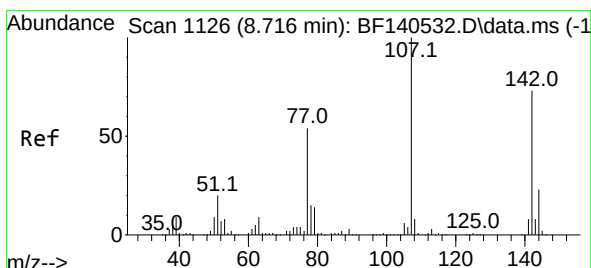
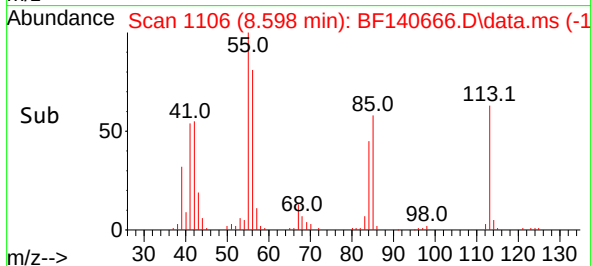
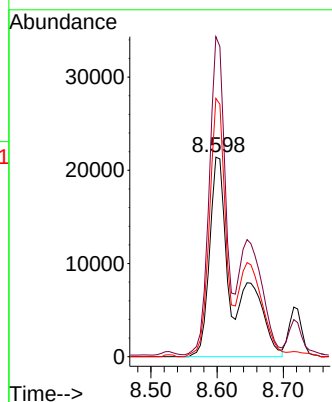
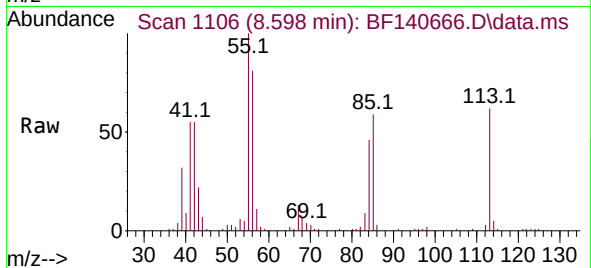
Ion	Ratio	Lower	Upper
113	100		
55	160.3	137.7	177.7
56	129.4	106.4	146.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#36

4-Chloro-3-methylphenol

Concen: 56.010 ng

RT: 8.716 min Scan# 1126

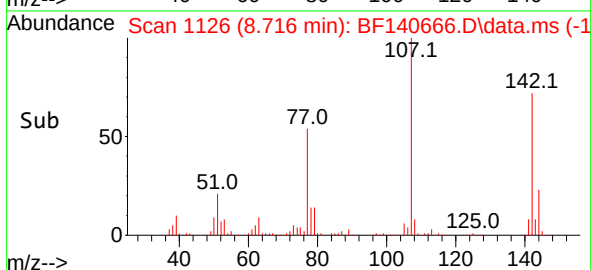
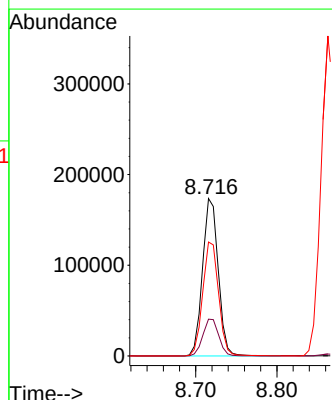
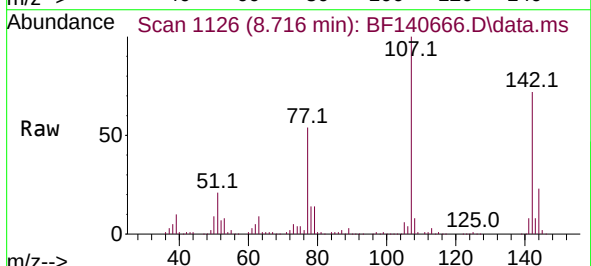
Delta R.T. -0.000 min

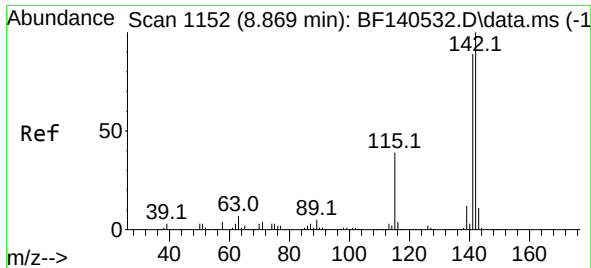
Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Tgt Ion:107 Resp: 233359

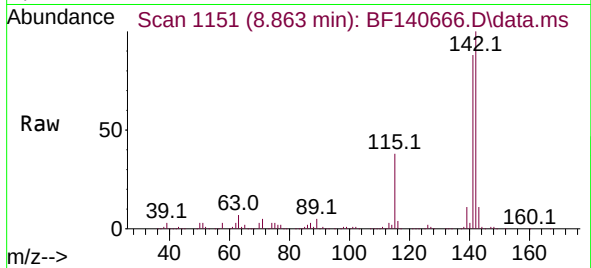
Ion	Ratio	Lower	Upper
107	100		
144	23.3	18.7	28.1
142	72.4	58.3	87.5





#37
2-Methylnaphthalene
Concen: 52.419 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

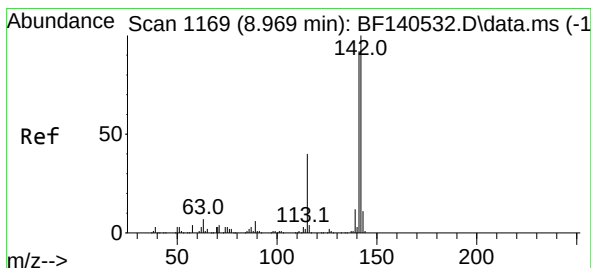
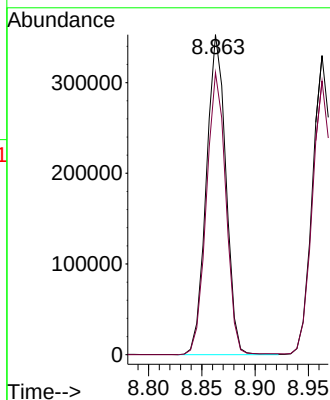
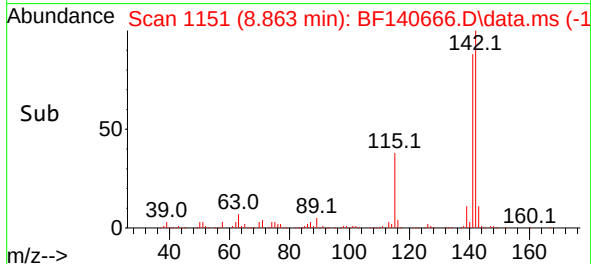
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



Tgt Ion:142 Resp: 449532
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6

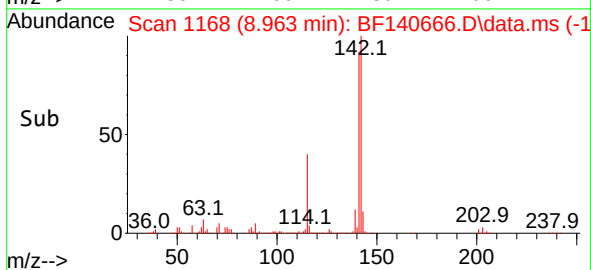
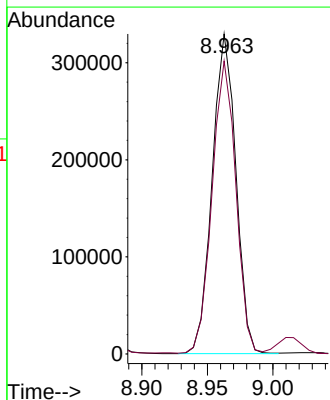
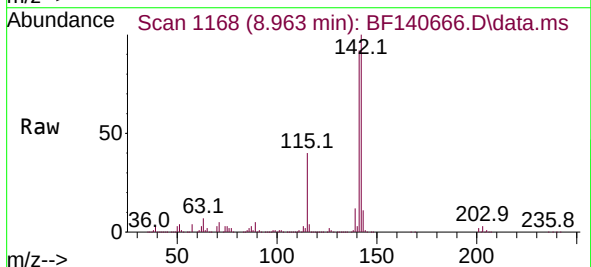
Manual Integrations
APPROVED

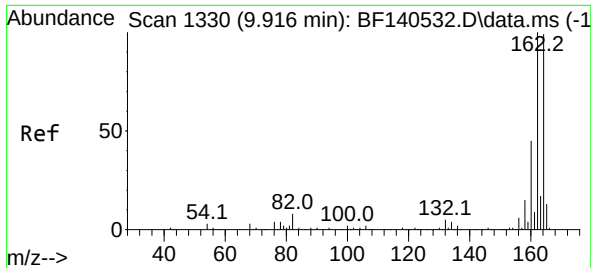
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#38
1-Methylnaphthalene
Concen: 49.208 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

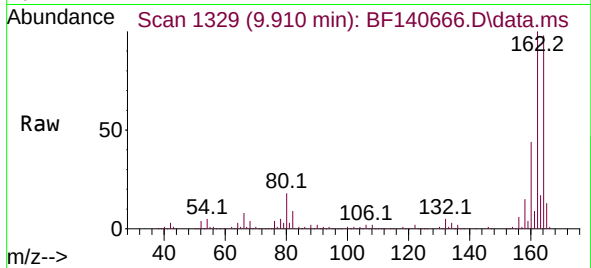
Tgt Ion:142 Resp: 413642
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

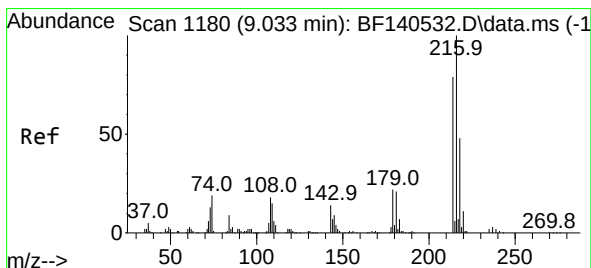
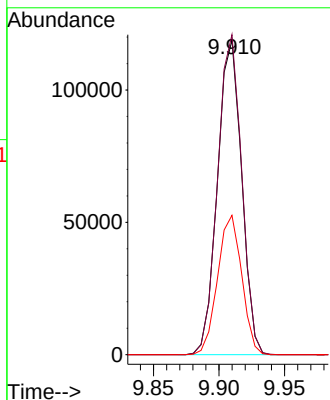
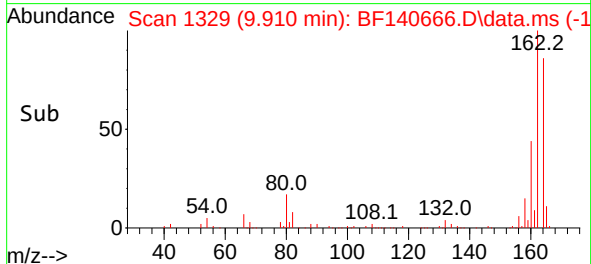
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



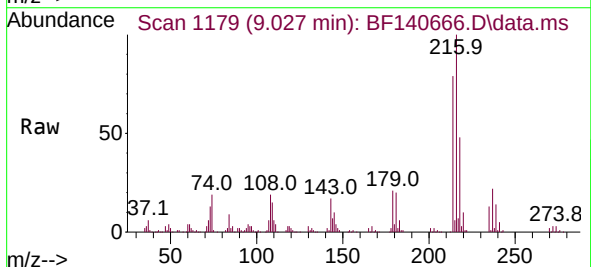
Tgt Ion:164 Resp: 15207
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 44.3 36.2 54.4

Manual Integrations
APPROVED

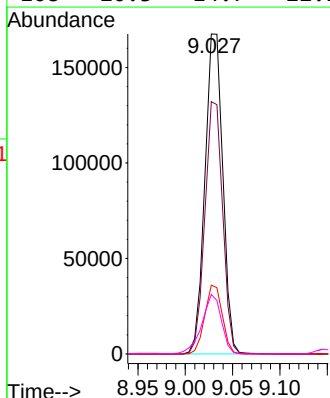
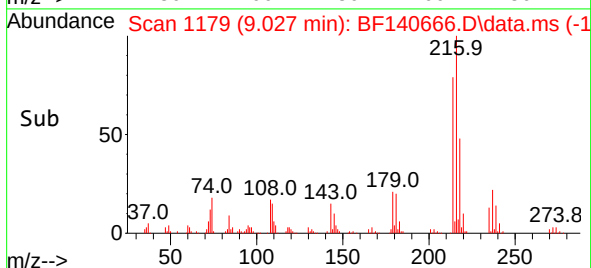
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

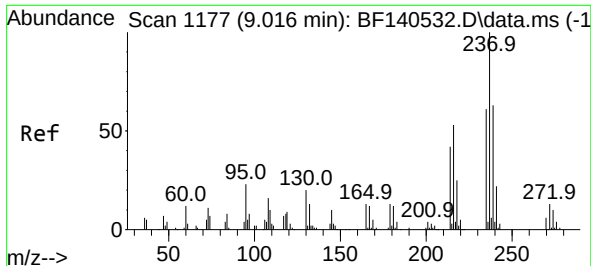


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.442 ng
RT: 9.027 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38



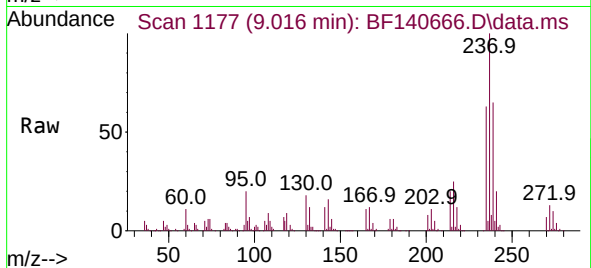
Tgt Ion:216 Resp: 220111
Ion Ratio Lower Upper
216 100
214 78.2 63.0 94.4
179 21.1 17.5 26.3
108 20.3 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 173.563 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

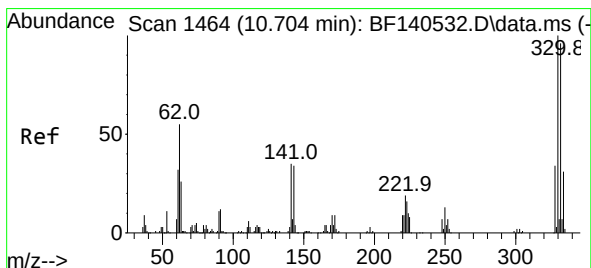
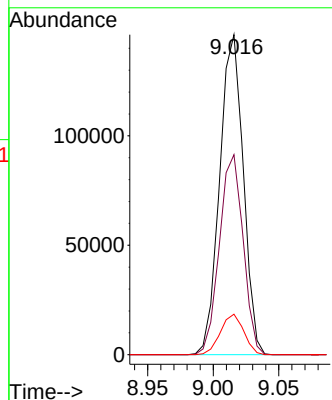
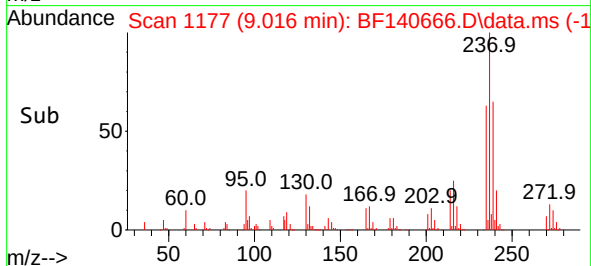
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



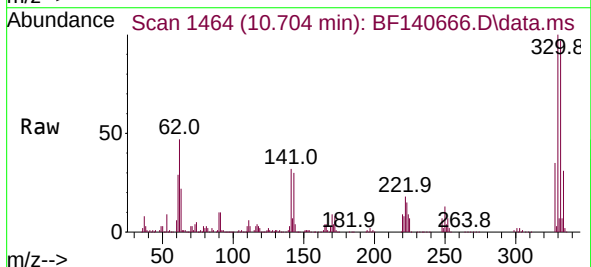
Tgt Ion:237 Resp: 183072
Ion Ratio Lower Upper
237 100
235 62.5 41.1 81.1
272 12.7 0.0 32.6

Manual Integrations
APPROVED

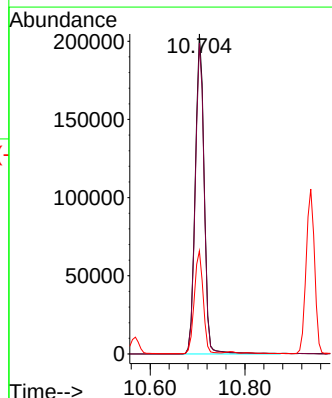
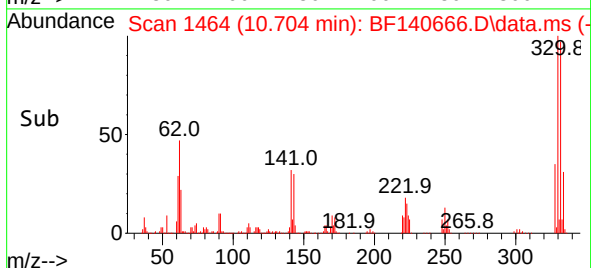
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

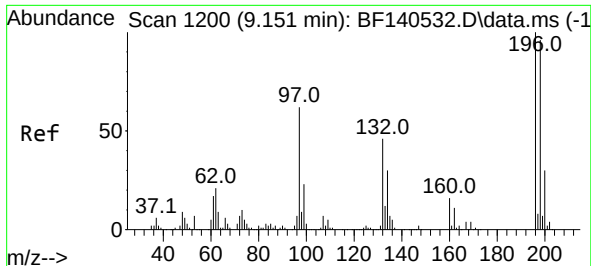


#42
2,4,6-Tribromophenol
Concen: 165.390 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38



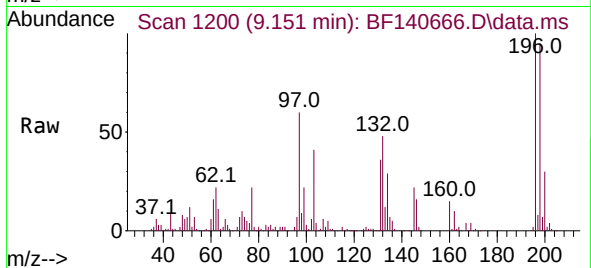
Tgt Ion:330 Resp: 268992
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 31.8 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 54.427 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

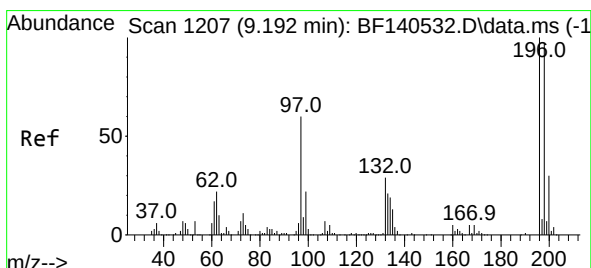
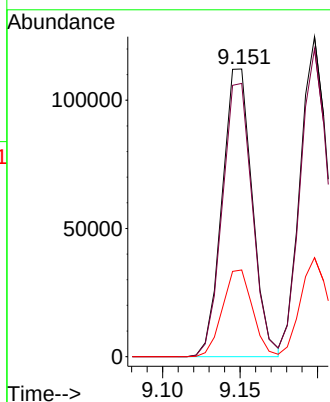
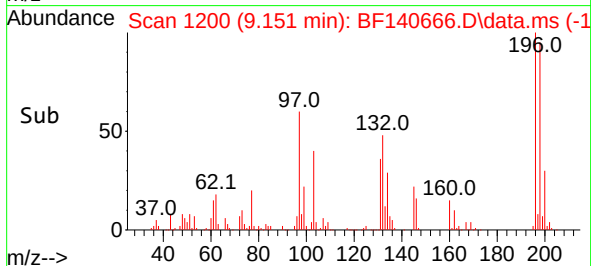
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



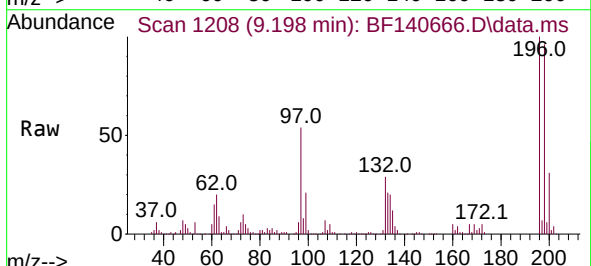
Tgt Ion:196 Resp: 15204
Ion Ratio Lower Upper
196 100
198 95.0 76.8 115.2
200 30.1 24.3 36.5

Manual Integrations
APPROVED

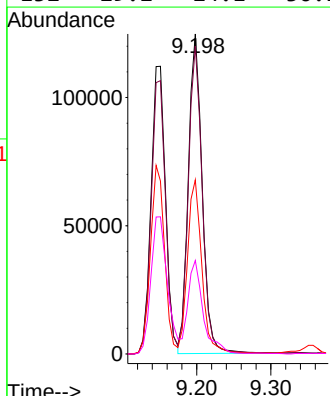
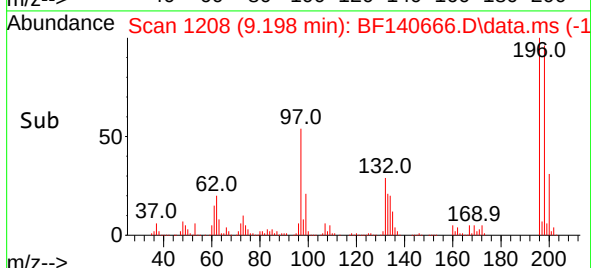
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

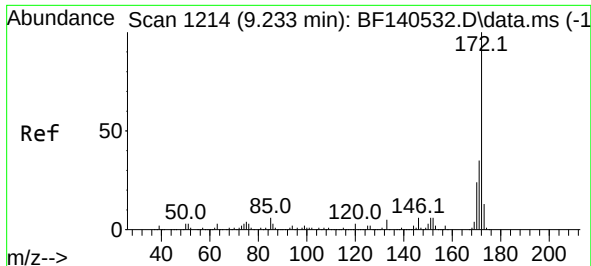


#44
2,4,5-Trichlorophenol
Concen: 53.595 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38



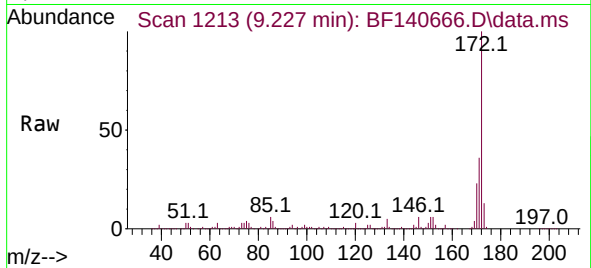
Tgt Ion:196 Resp: 162487
Ion Ratio Lower Upper
196 100
198 96.3 77.2 115.8
97 54.4 47.1 70.7
132 29.2 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 99.462 ng
RT: 9.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

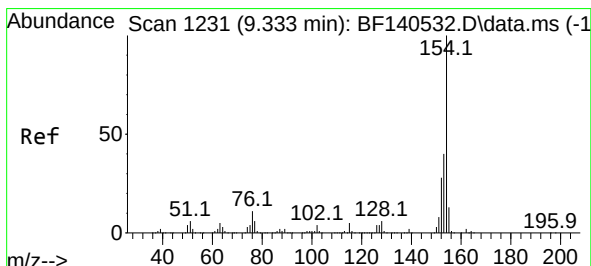
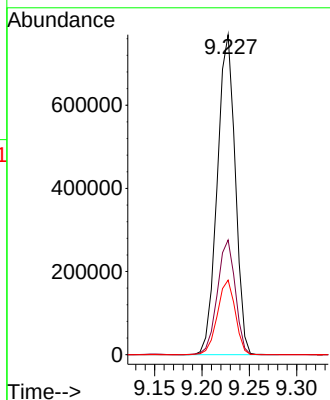
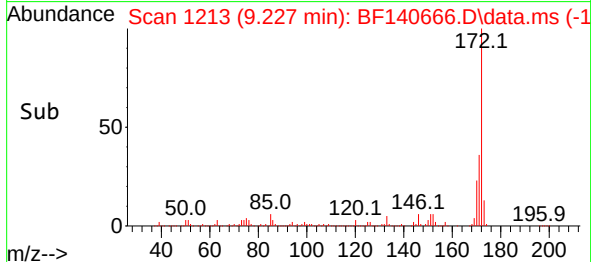
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



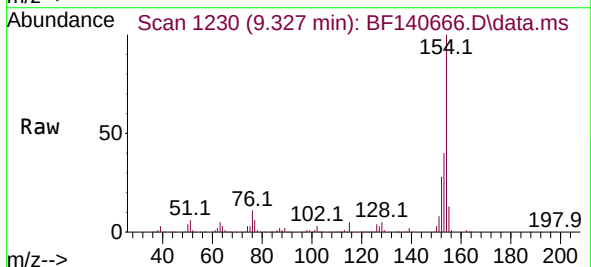
Tgt Ion:172 Resp: 101515
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.3 19.0 28.6

Manual Integrations
APPROVED

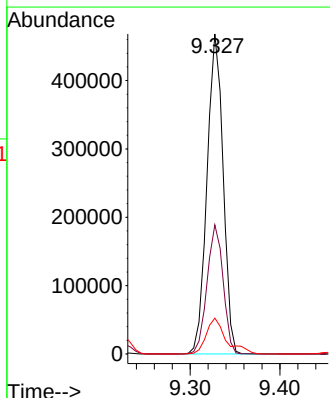
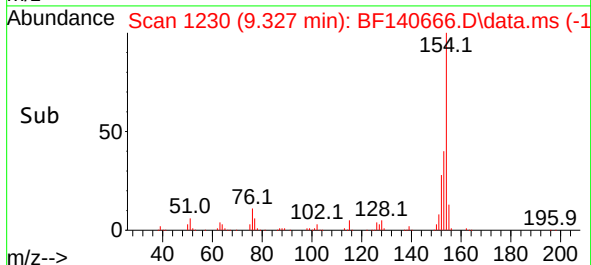
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

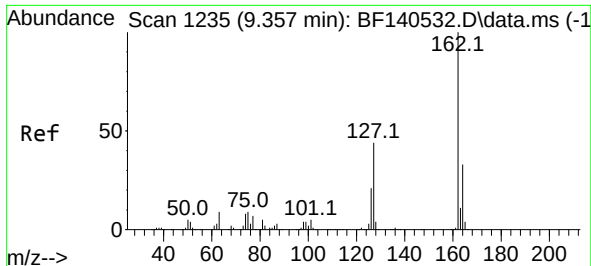


#46
1,1'-Biphenyl
Concen: 51.369 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38



Tgt Ion:154 Resp: 583236
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 49.994 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

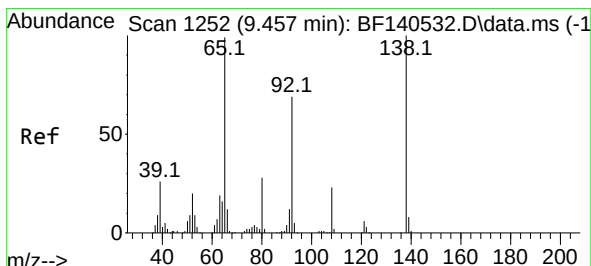
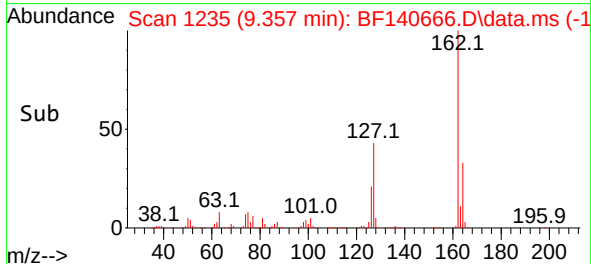
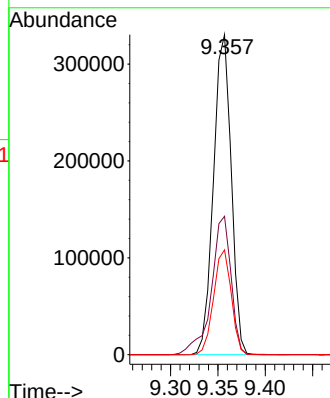
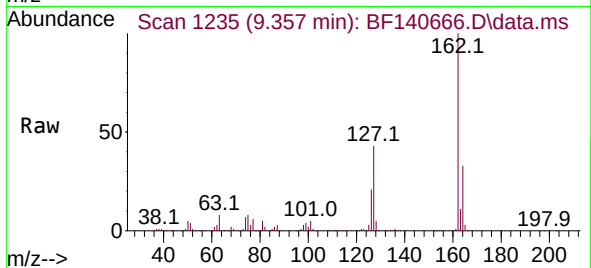
MH-732MSD

Tgt Ion:162 Resp: 430094
 Ion Ratio Lower Upper
 162 100
 127 43.2 35.7 53.5
 164 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024



#48

2-Nitroaniline

Concen: 51.520 ng

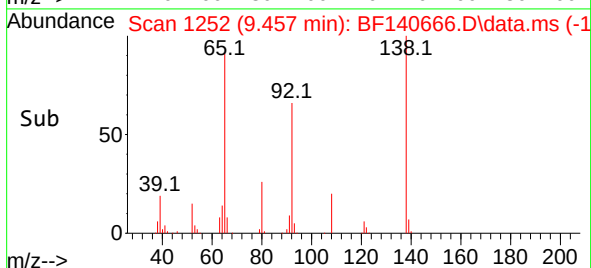
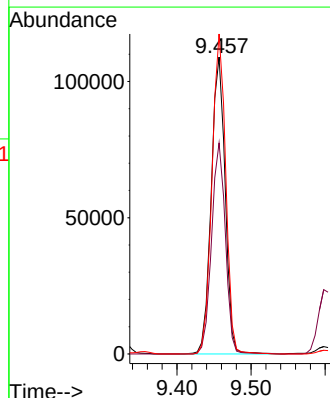
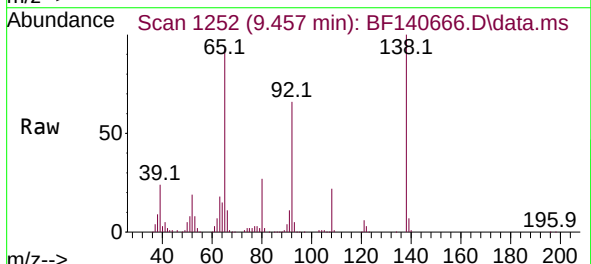
RT: 9.457 min Scan# 1252

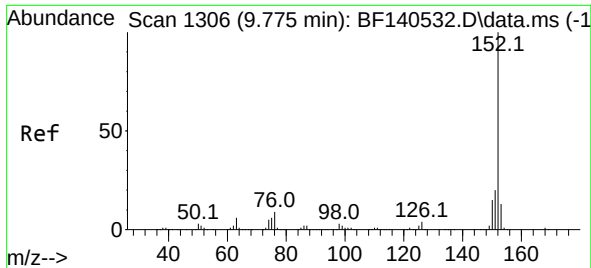
Delta R.T. -0.000 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Tgt Ion: 65 Resp: 142267
 Ion Ratio Lower Upper
 65 100
 92 71.1 56.1 84.1
 138 107.7 81.0 121.6





#49

Acenaphthylene

Concen: 55.469 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

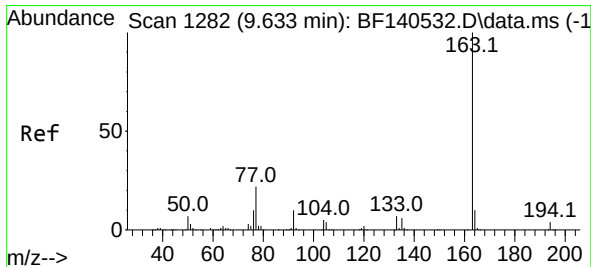
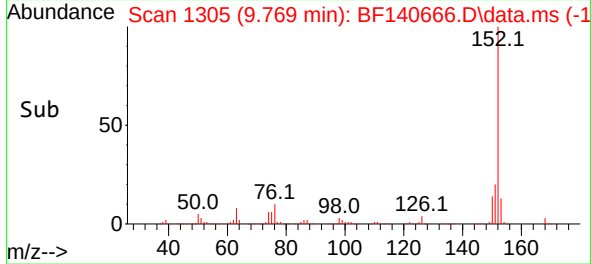
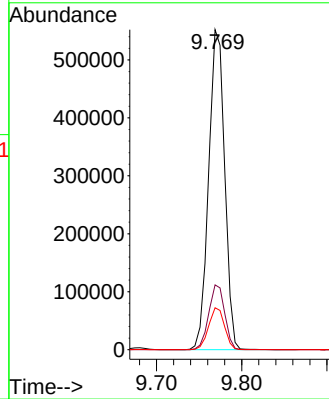
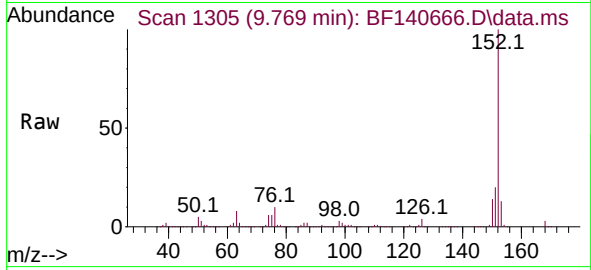
Tgt Ion:152	Resp: 72101
Ion Ratio	Lower Upper
152	100
151	20.2 15.9 23.9
153	13.1 10.6 16.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#50

Dimethylphthalate

Concen: 56.953 ng

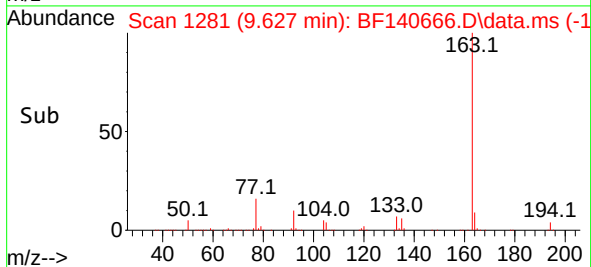
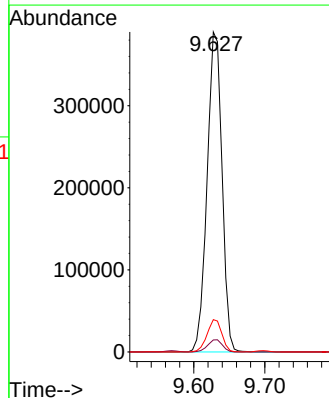
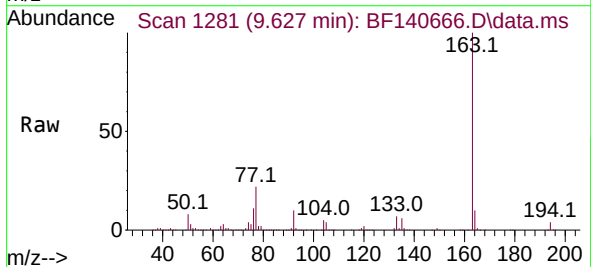
RT: 9.627 min Scan# 1281

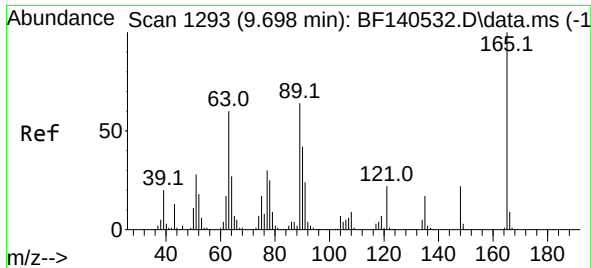
Delta R.T. -0.006 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Tgt Ion:163	Resp: 570402
Ion Ratio	Lower Upper
163	100
194	3.8 3.1 4.7
164	10.1 8.2 12.2





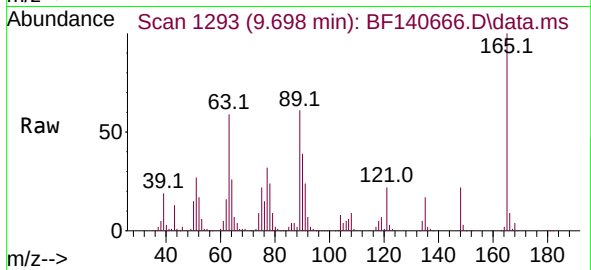
#51
2,6-Dinitrotoluene
Concen: 52.379 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

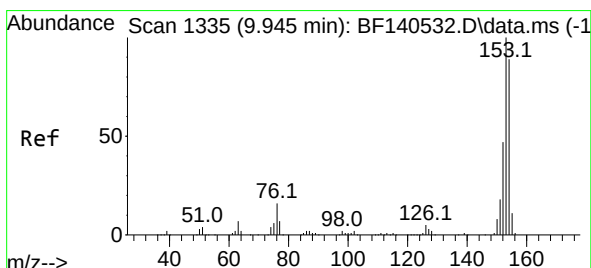
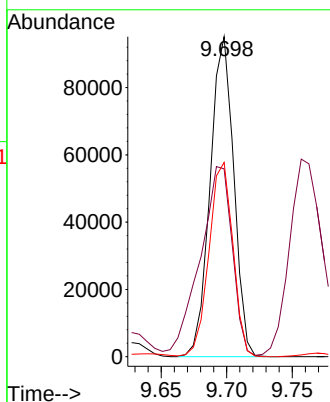
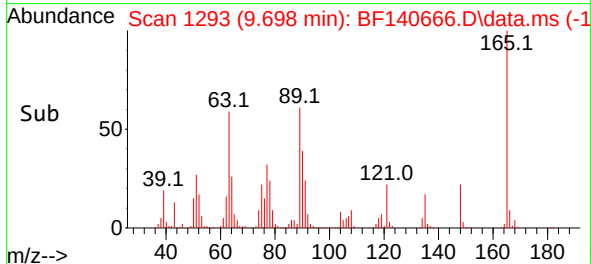


Tgt Ion:165 Resp: 118974
Ion Ratio Lower Upper
165 100
63 58.7 49.9 74.9
89 60.7 50.9 76.3

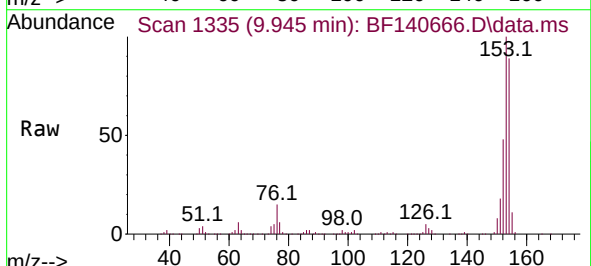
Manual Integrations

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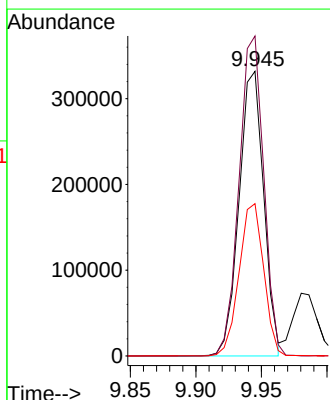
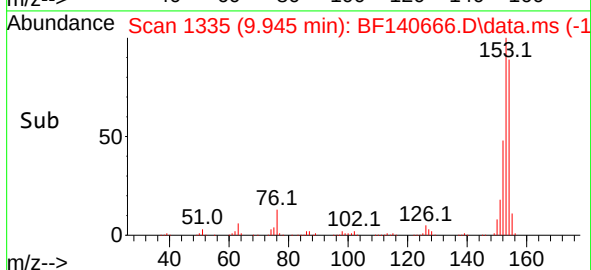
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

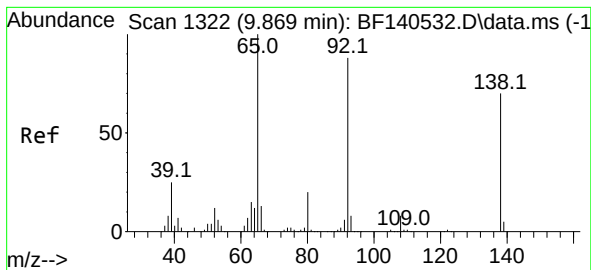


#52
Acenaphthene
Concen: 52.725 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38



Tgt Ion:154 Resp: 435461
Ion Ratio Lower Upper
154 100
153 112.4 89.7 134.5
152 53.5 42.5 63.7





#53

3-Nitroaniline

Concen: 8.377 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

Tgt Ion:138 Resp: 18610

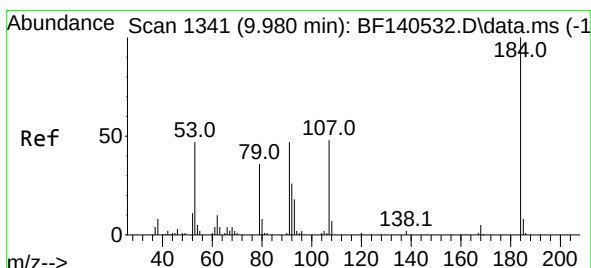
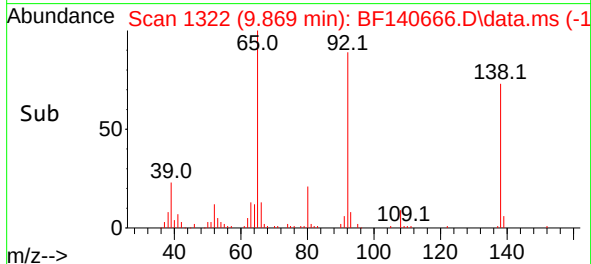
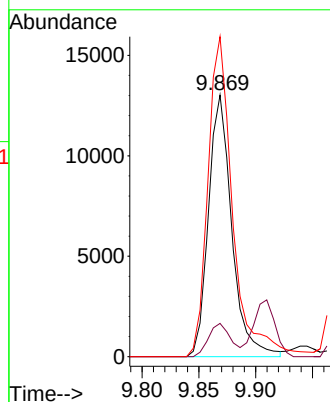
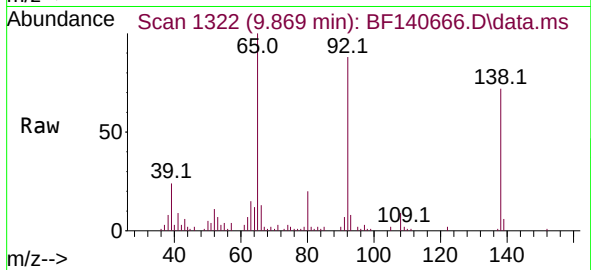
Ion	Ratio	Lower	Upper
138	100		
108	12.7	9.2	13.8
92	122.3	100.6	150.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#54

2,4-Dinitrophenol

Concen: 122.233 ng

RT: 9.980 min Scan# 1341

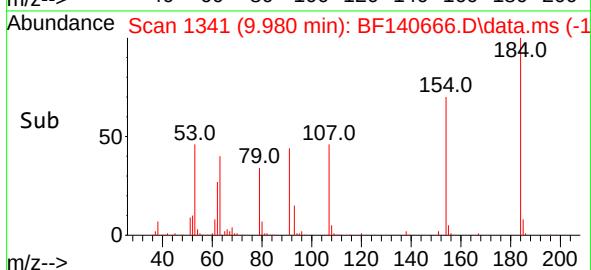
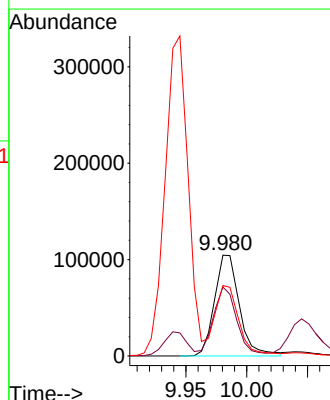
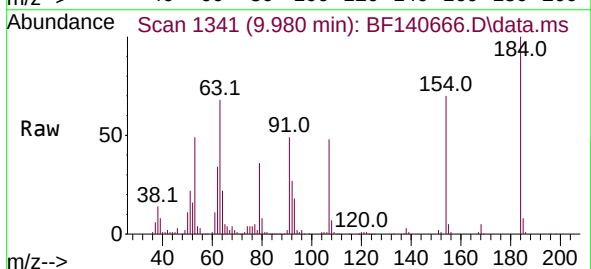
Delta R.T. 0.000 min

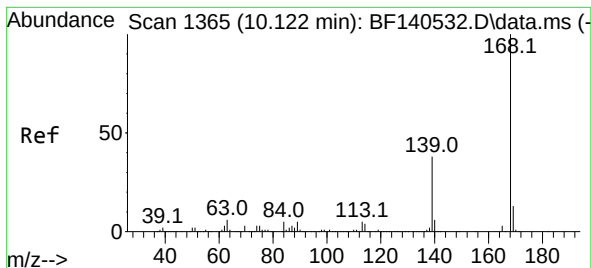
Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Tgt Ion:184 Resp: 149178

Ion	Ratio	Lower	Upper
184	100		
63	68.5	54.1	81.1
154	69.9	57.4	86.0





#55

Dibenzenofuran

Concen: 53.488 ng

RT: 10.116 min Scan# 1365

Delta R.T. -0.006 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

Tgt Ion:168 Resp: 673834

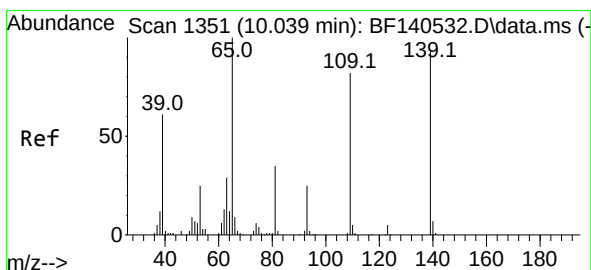
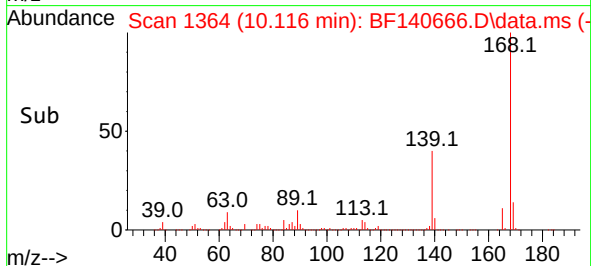
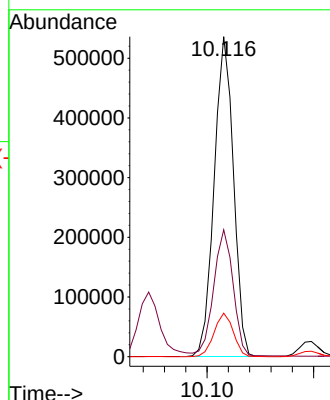
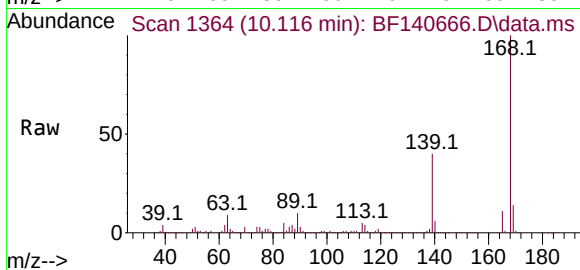
Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.3	46.9
169	13.6	10.5	15.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#56

4-Nitrophenol

Concen: 102.621 ng

RT: 10.045 min Scan# 1352

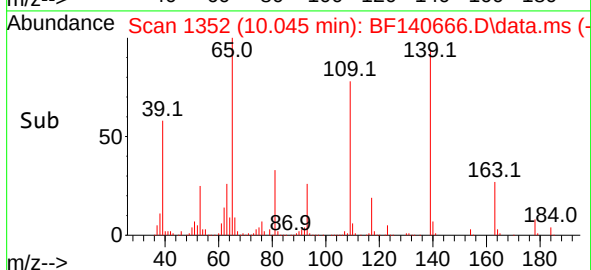
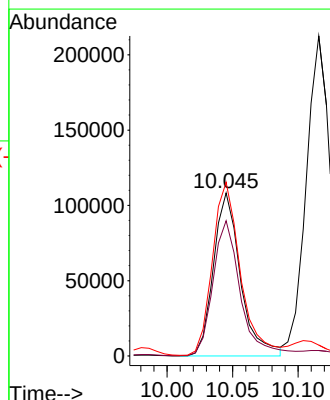
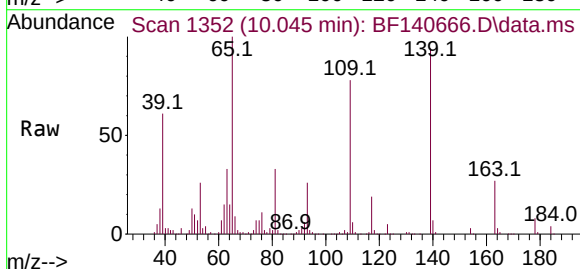
Delta R.T. 0.006 min

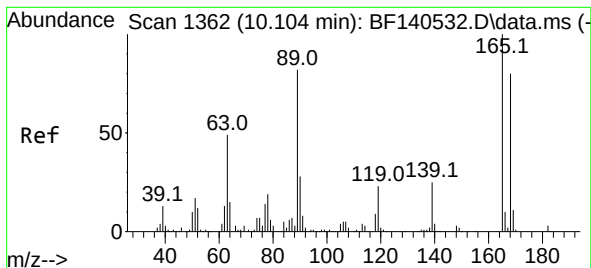
Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Tgt Ion:139 Resp: 155480

Ion	Ratio	Lower	Upper
139	100		
109	82.9	68.4	108.4
65	106.5	88.6	128.6





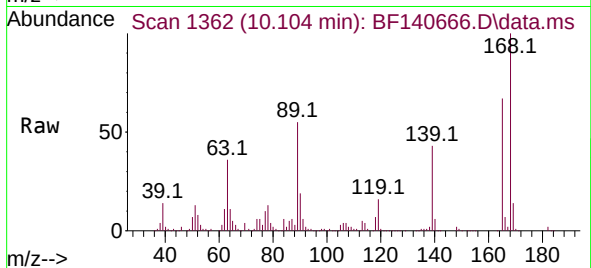
#57
2,4-Dinitrotoluene
Concen: 55.491 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

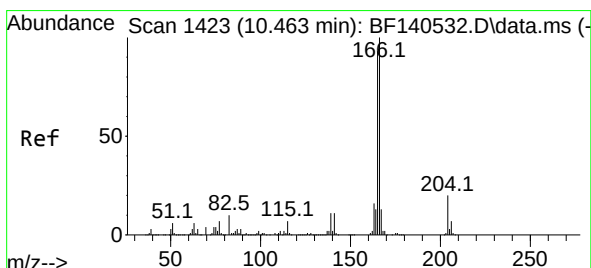
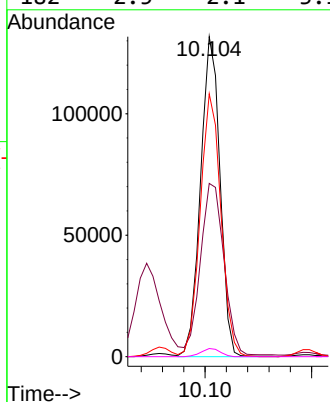
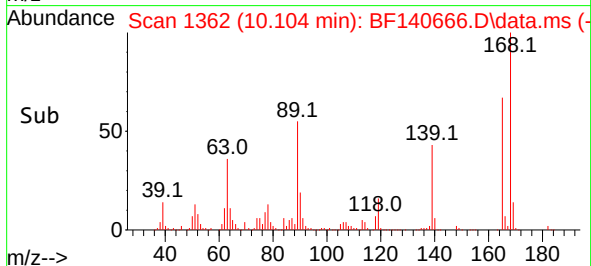


Tgt Ion:165 Resp: 167510
Ion Ratio Lower Upper
165 100
63 54.2 41.7 62.5
89 82.1 65.8 98.8
182 2.5 2.1 3.1

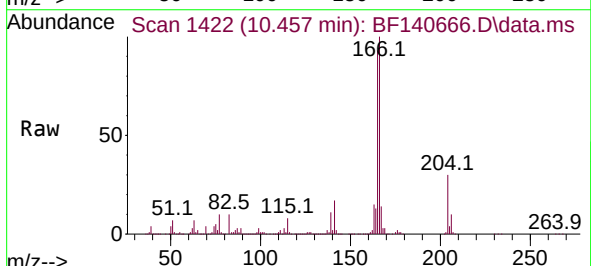
Manual Integrations

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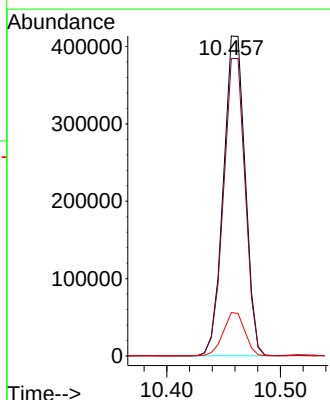
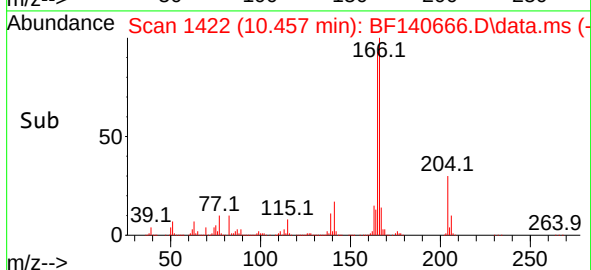
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

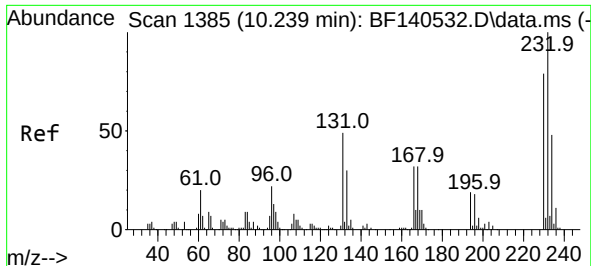


#58
Fluorene
Concen: 54.332 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38



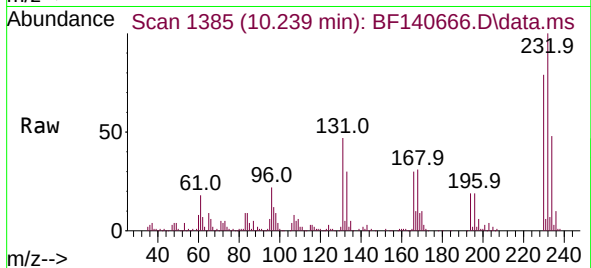
Tgt Ion:166 Resp: 549399
Ion Ratio Lower Upper
166 100
165 92.9 74.6 111.8
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 62.842 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

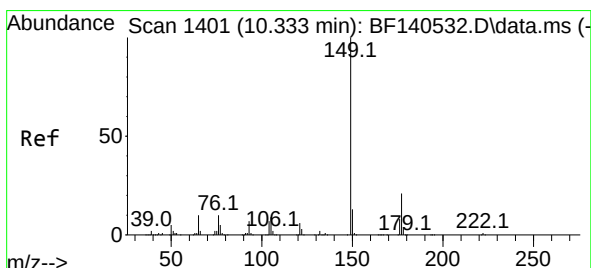
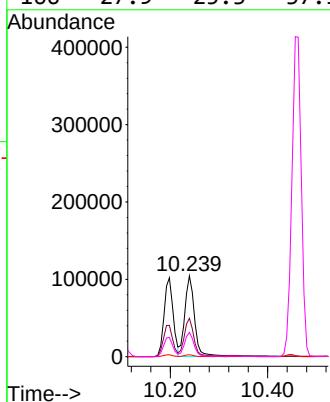
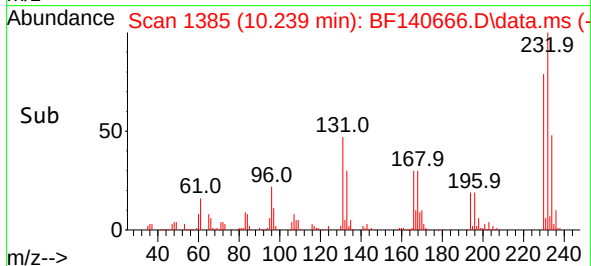
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



Tgt Ion:232 Resp: 14642
Ion Ratio Lower Upper
232 100
131 44.6 39.6 59.4
130 2.5 1.9 2.9
166 27.9 25.3 37.9

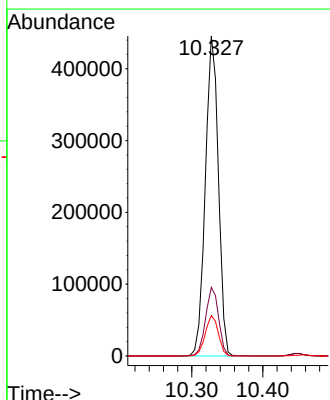
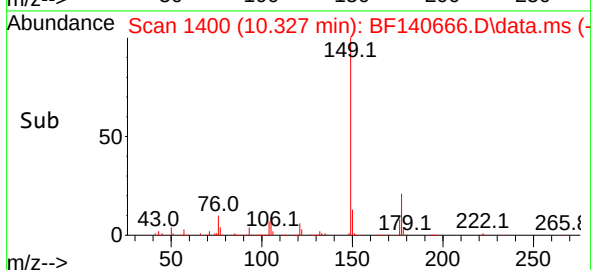
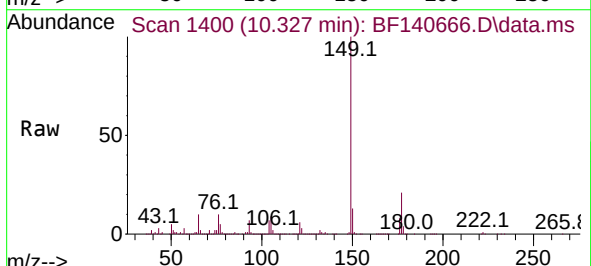
Manual Integrations
APPROVED

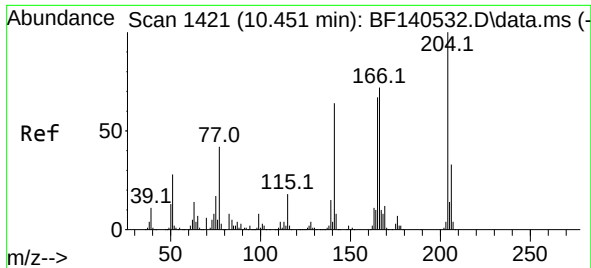
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#60
Diethylphthalate
Concen: 55.927 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Tgt Ion:149 Resp: 569097
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.7 10.1 15.1





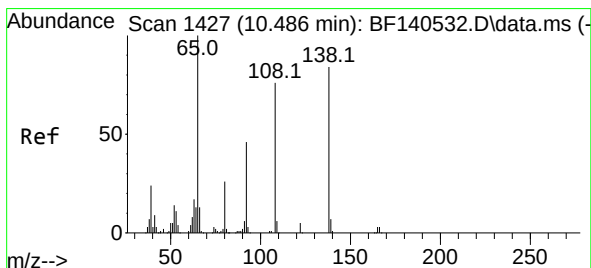
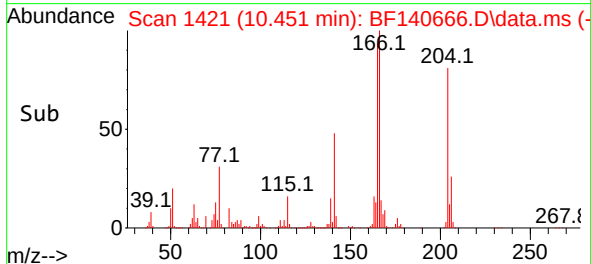
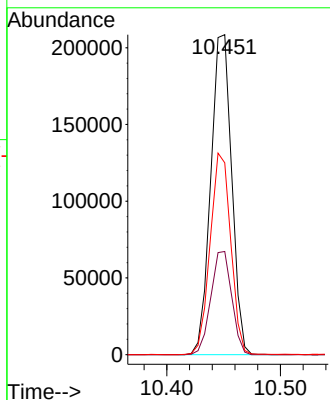
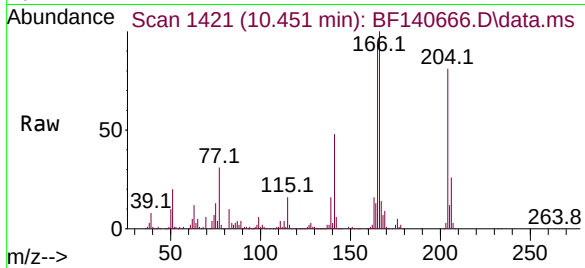
#61
4-Chlorophenyl-phenylether
Concen: 53.761 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:204 Resp: 266790
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 59.9 51.1 76.7

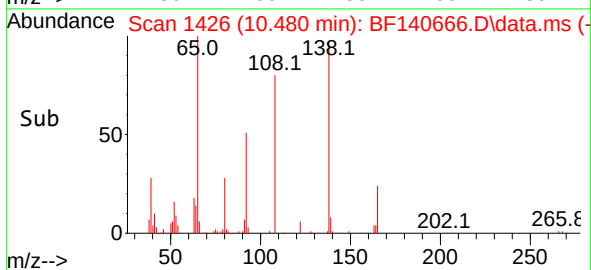
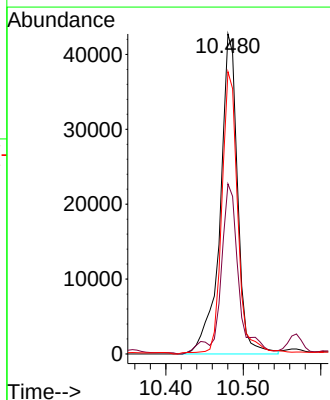
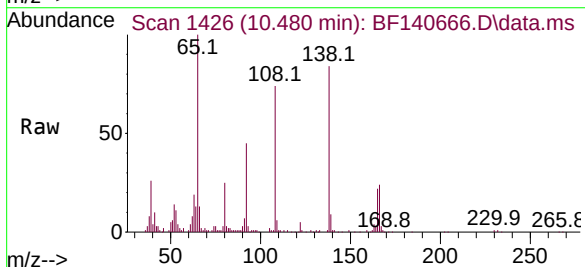
Manual Integrations
APPROVED

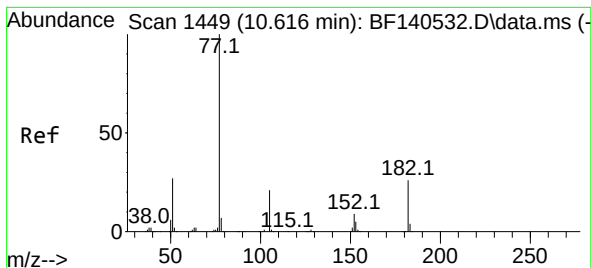
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#62
4-Nitroaniline
Concen: 28.848 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Tgt Ion:138 Resp: 67216
Ion Ratio Lower Upper
138 100
92 53.1 34.5 74.5
108 88.2 70.6 110.6





#63

Azobenzene

Concen: 51.695 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140666.D

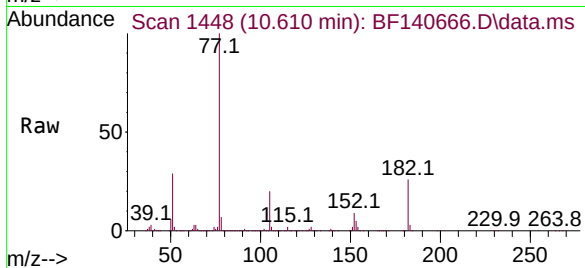
Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD



Tgt Ion: 77 Resp: 49815

Ion Ratio Lower Upper

77 100

182 25.9 5.3 45.3

105 20.4 0.3 40.3

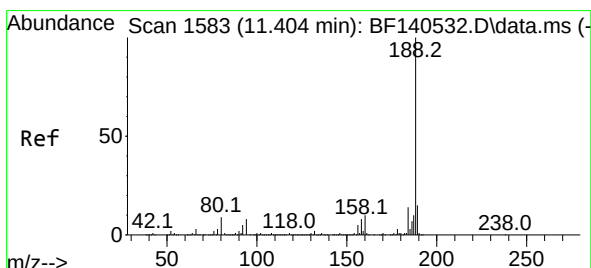
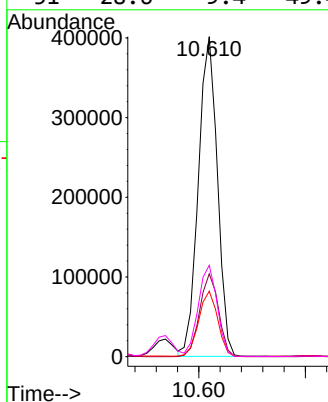
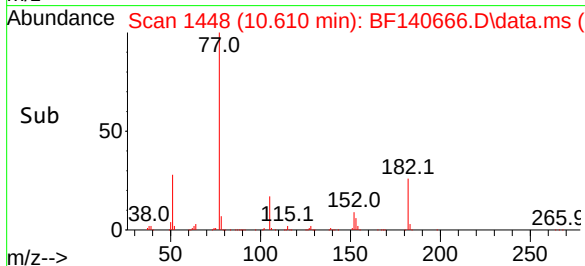
51 28.6 9.4 49.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

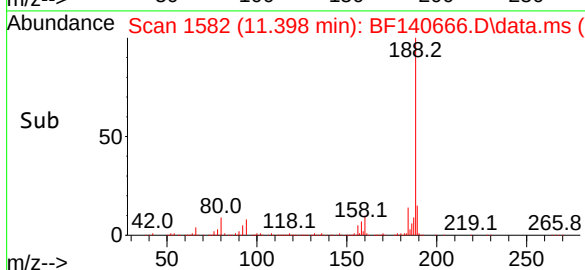
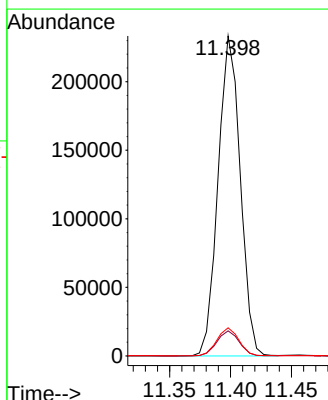
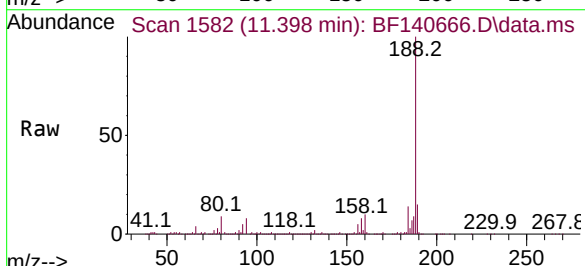
Tgt Ion:188 Resp: 296201

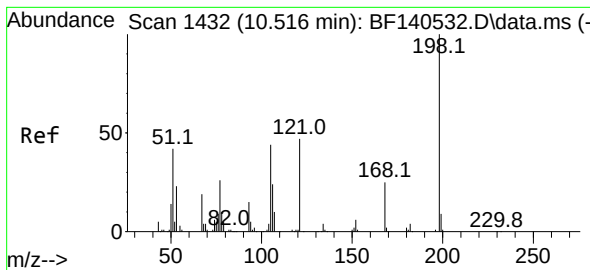
Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.8 6.9 10.3





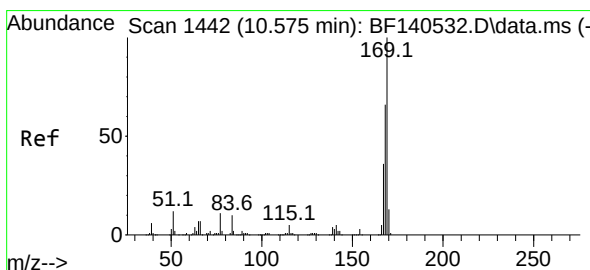
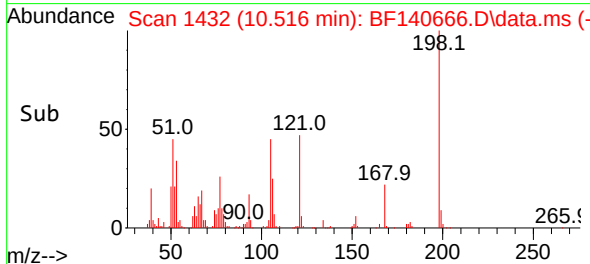
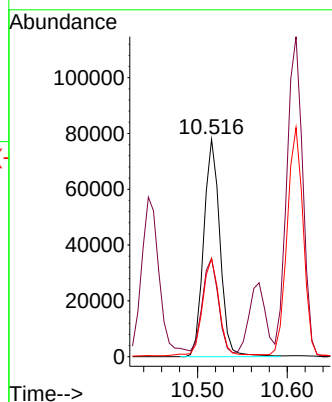
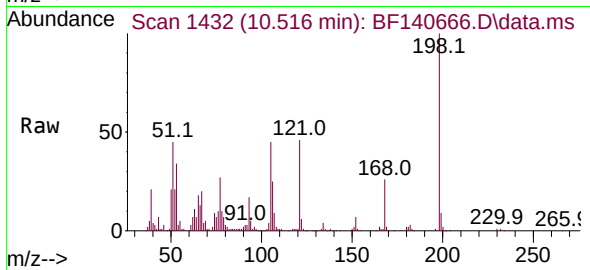
#65
4,6-Dinitro-2-methylphenol
Concen: 64.787 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:198 Resp: 9806
Ion Ratio Lower Upper
198 100
51 45.3 29.4 69.4
105 45.1 25.4 65.4

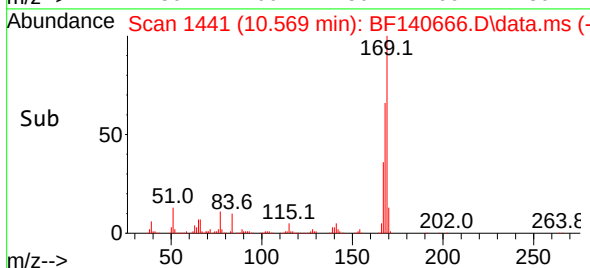
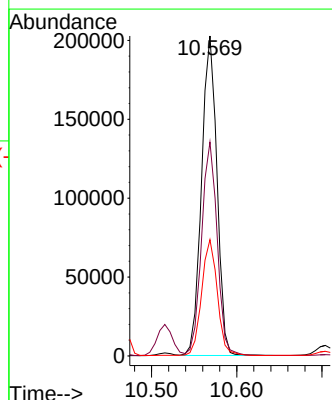
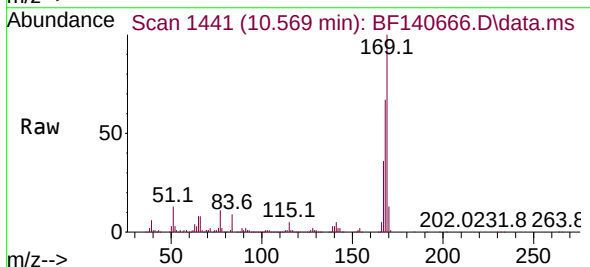
Manual Integrations
APPROVED

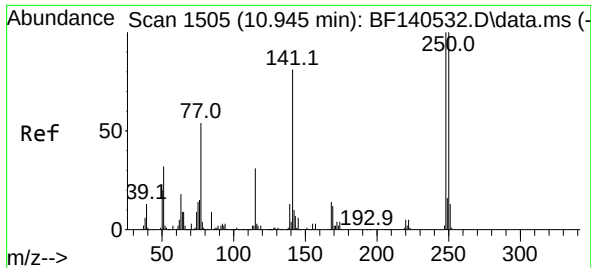
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#66
n-Nitrosodiphenylamine
Concen: 29.024 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

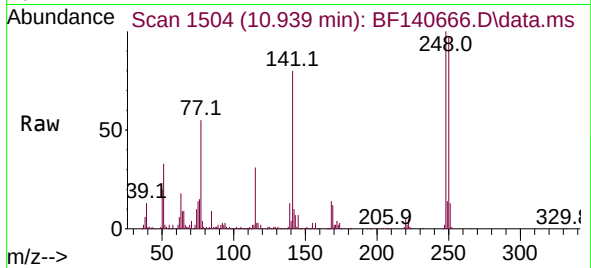
Tgt Ion:169 Resp: 254237
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 53.309 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

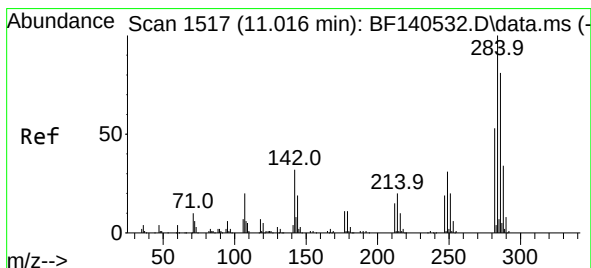
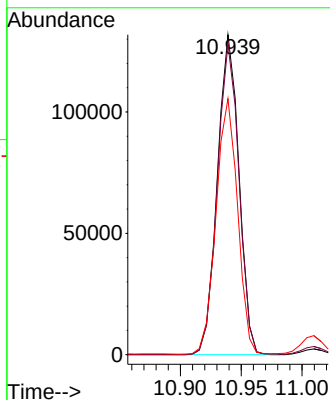
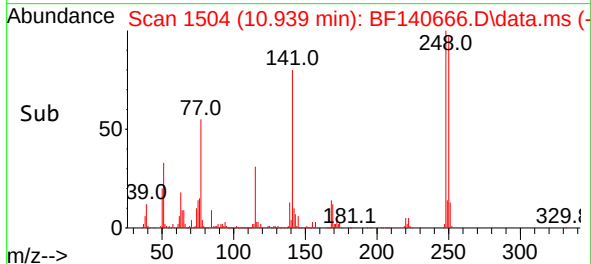
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



Tgt Ion:248 Resp: 162610
Ion Ratio Lower Upper
248 100
250 97.1 79.8 119.8
141 80.0 64.7 97.1

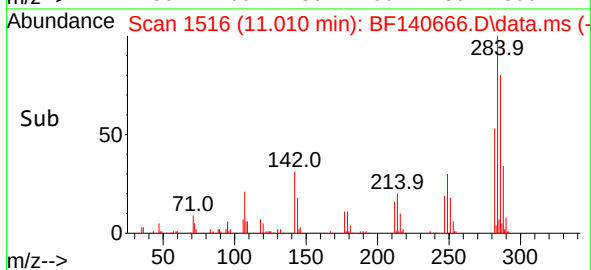
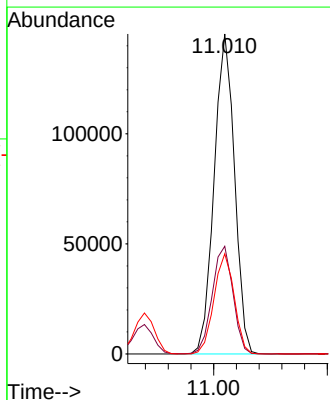
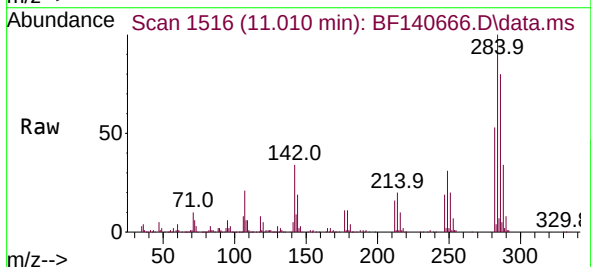
Manual Integrations
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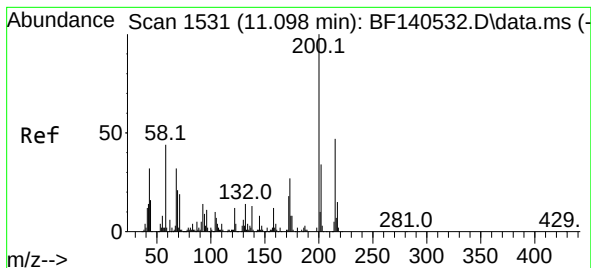
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#68
Hexachlorobenzene
Concen: 51.193 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Tgt Ion:284 Resp: 180817
Ion Ratio Lower Upper
284 100
142 33.7 25.3 37.9
249 31.3 24.8 37.2





#69

Atrazine

Concen: 14.533 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

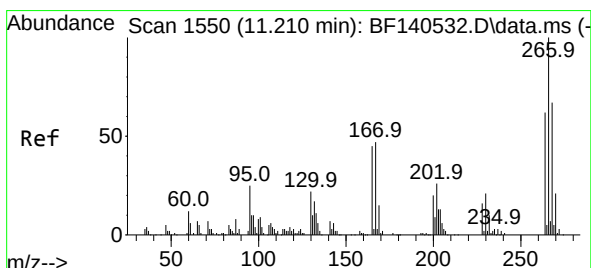
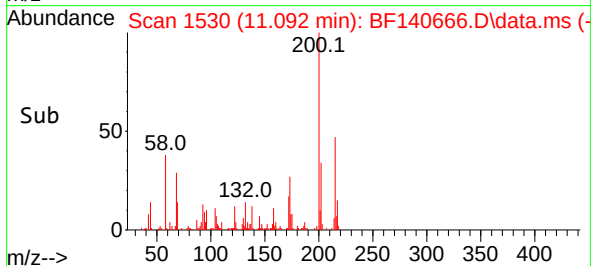
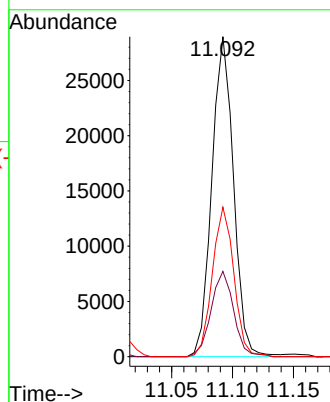
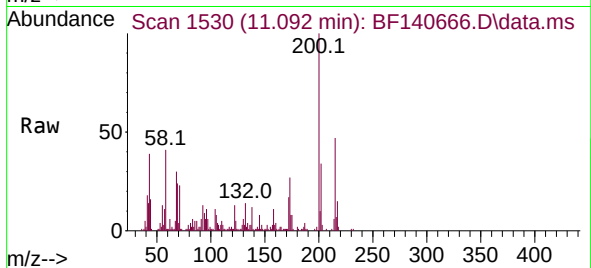
Tgt Ion:200	Resp:	3581
Ion Ratio	Lower	Upper
200	100	
173	26.7	7.0 47.0
215	46.7	26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#70

Pentachlorophenol

Concen: 126.861 ng

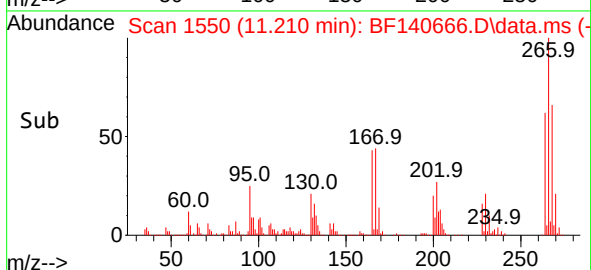
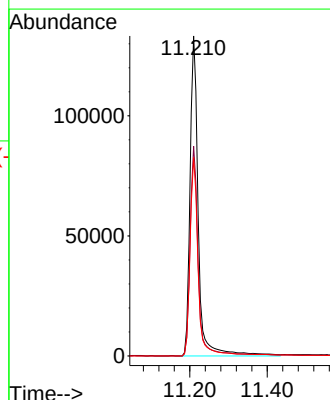
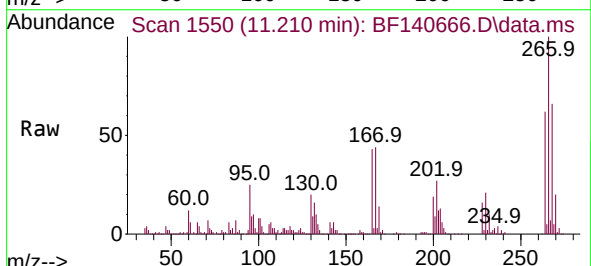
RT: 11.210 min Scan# 1550

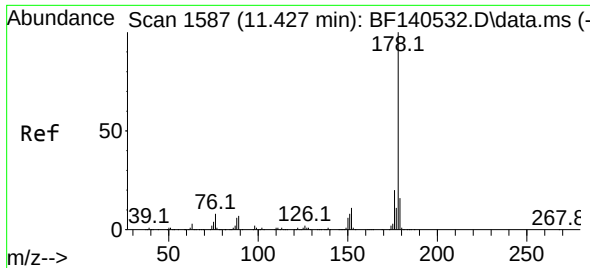
Delta R.T. -0.000 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Tgt Ion:266	Resp:	197212
Ion Ratio	Lower	Upper
266	100	
268	65.6	53.7 80.5
264	62.0	49.8 74.8





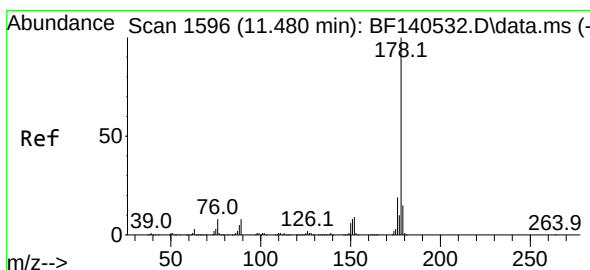
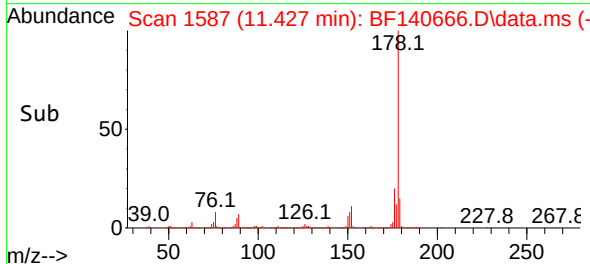
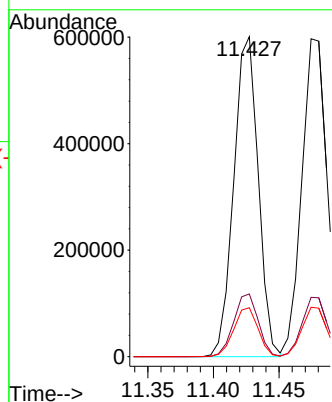
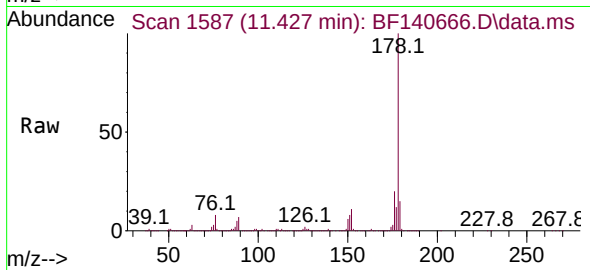
#71
Phenanthrene
Concen: 54.801 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:178 Resp: 780260
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.3 12.4 18.6

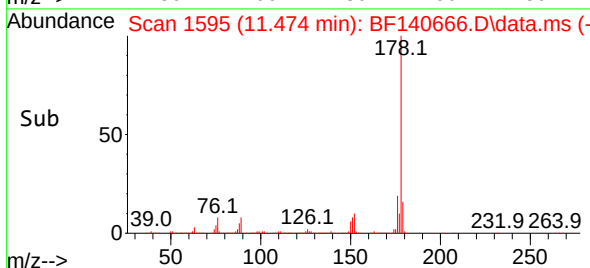
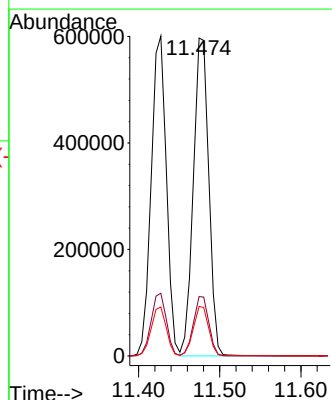
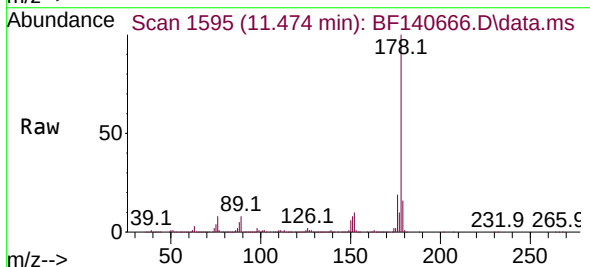
Manual Integrations
APPROVED

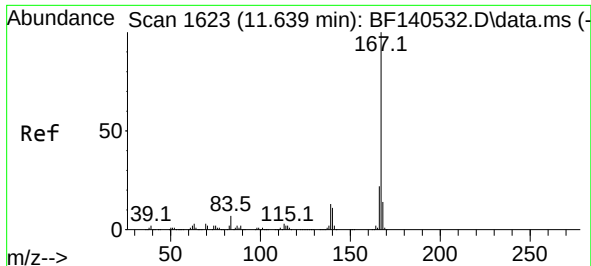
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#72
Anthracene
Concen: 56.788 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

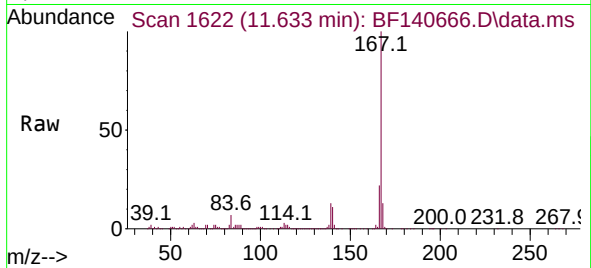
Tgt Ion:178 Resp: 790920
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.6 12.2 18.4





#73
 Carbazole
 Concen: 30.571 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140666.D
 Acq: 27 Nov 2024 13:38

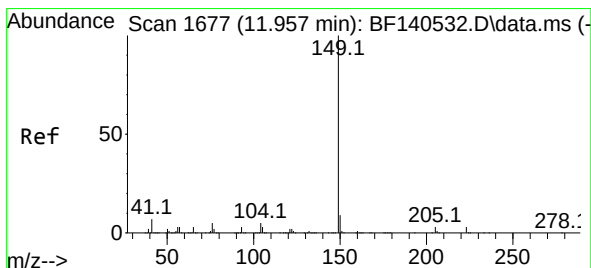
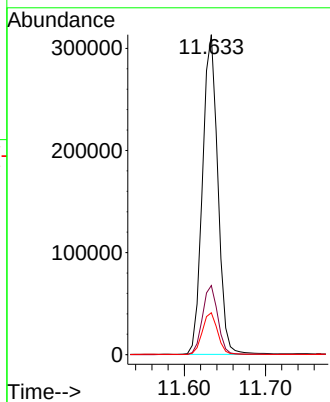
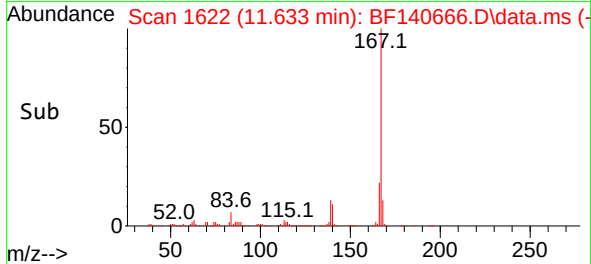
Instrument :
 BNA_F
 ClientSampleId :
 MH-732MSD



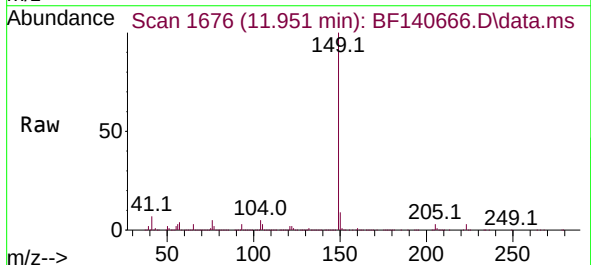
Tgt Ion:167 Resp: 409597
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.1 10.6 15.8

Manual Integrations
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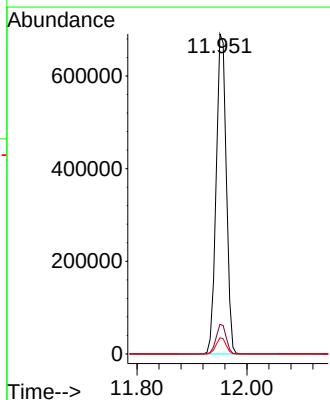
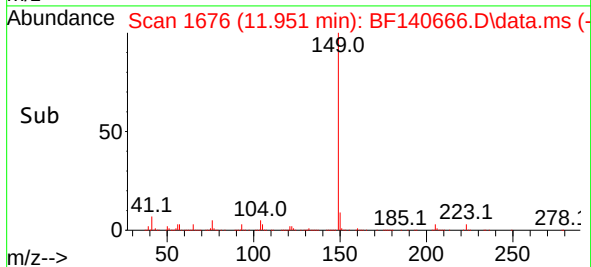
Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024

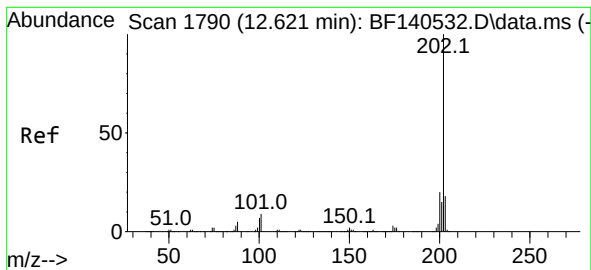


#74
 Di-n-butylphthalate
 Concen: 57.227 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF140666.D
 Acq: 27 Nov 2024 13:38



Tgt Ion:149 Resp: 885211
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 54.615 ng

RT: 12.616 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

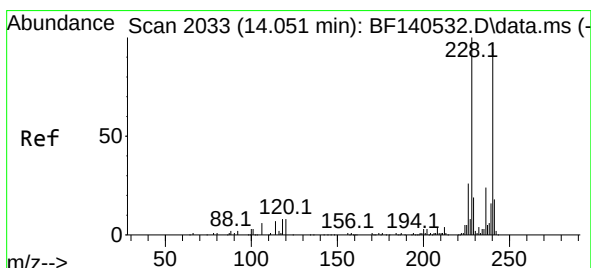
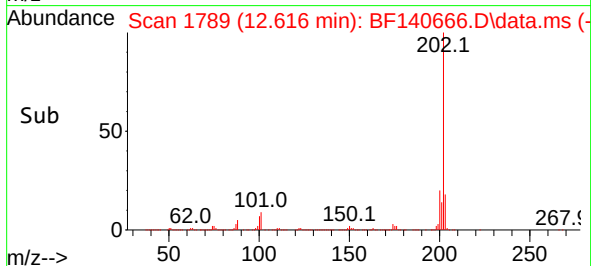
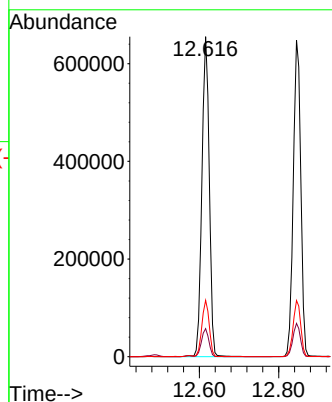
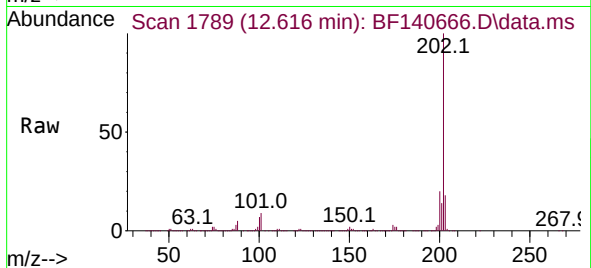
Tgt Ion:	202	Resp:	844290
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	28.9
203	17.6	0.0	37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#76

Chrysene-d12

Concen: 20.000 ng

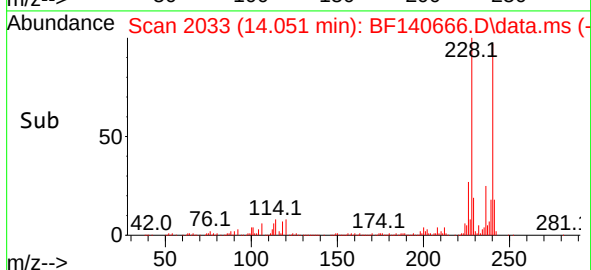
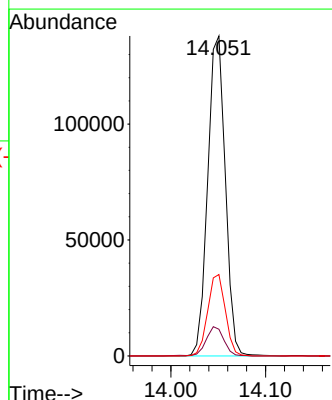
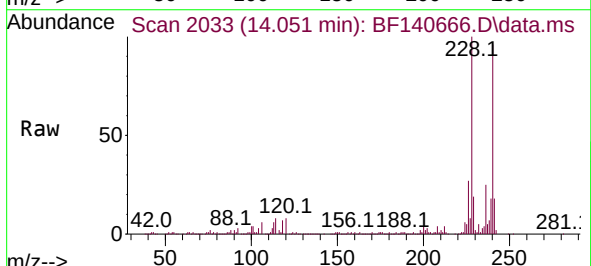
RT: 14.051 min Scan# 2033

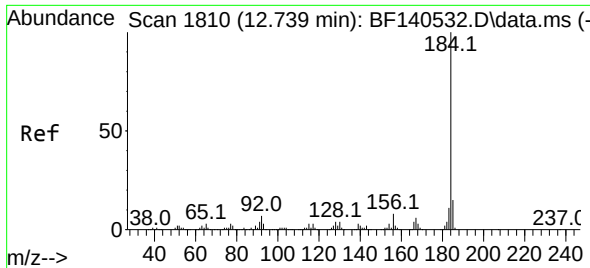
Delta R.T. -0.000 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

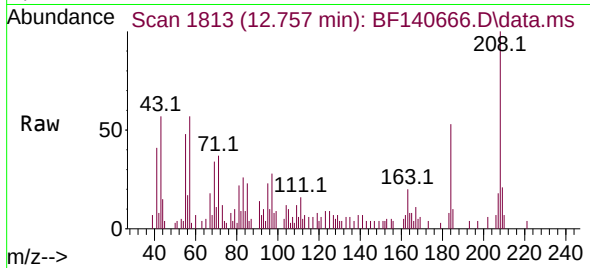
Tgt Ion:	240	Resp:	177973
Ion Ratio	Lower	Upper	
240	100		
120	8.4	7.3	10.9
236	25.4	20.6	31.0





#77
Benzidine
Concen: 2.078 ng m
RT: 12.757 min Scan# 1813
Delta R.T. 0.018 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

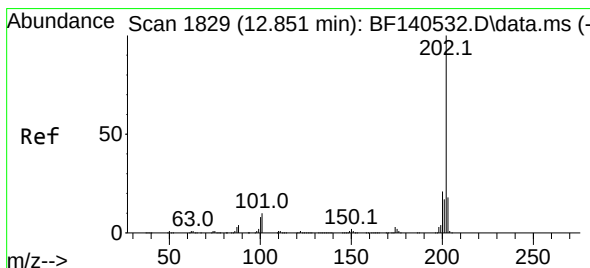
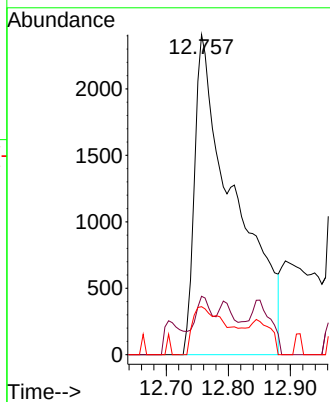
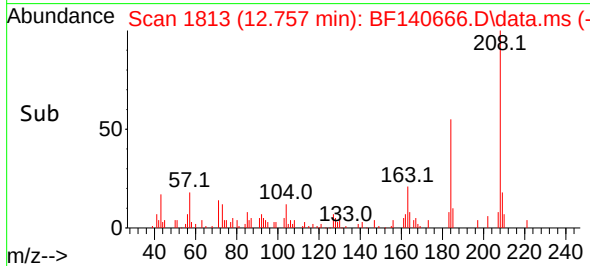
Instrument :
BNA_F
ClientSampleId :
MH-732MSD



Tgt Ion:184 Resp: 10754
Ion Ratio Lower Upper
184 100
185 18.3 11.7 17.5
183 15.0 8.8 13.2

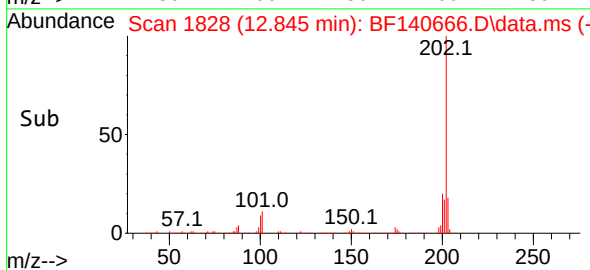
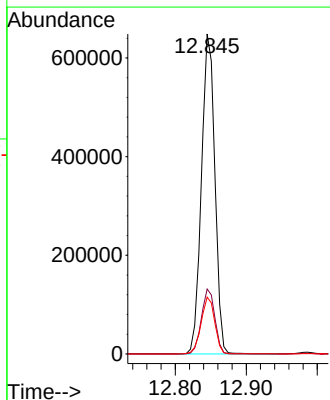
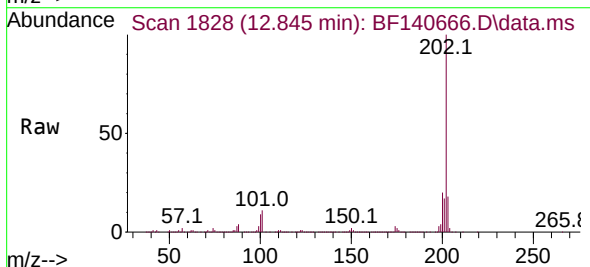
Manual Integrations
APPROVED

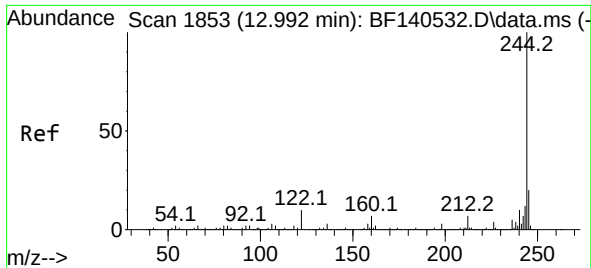
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#78
Pyrene
Concen: 51.935 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Tgt Ion:202 Resp: 854629
Ion Ratio Lower Upper
202 100
200 20.3 16.5 24.7
203 17.7 14.2 21.4





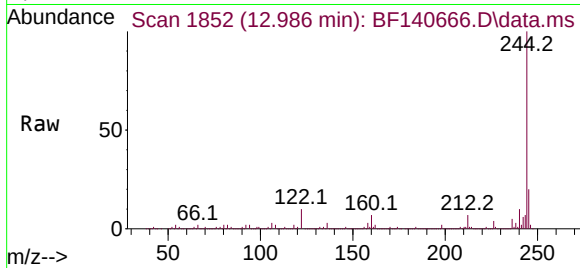
#79
 Terphenyl-d14
 Concen: 100.655 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140666.D
 Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD



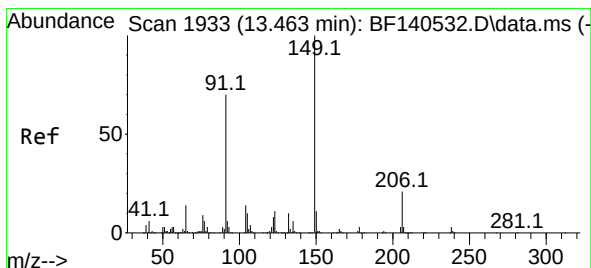
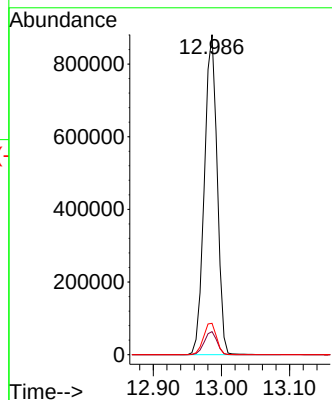
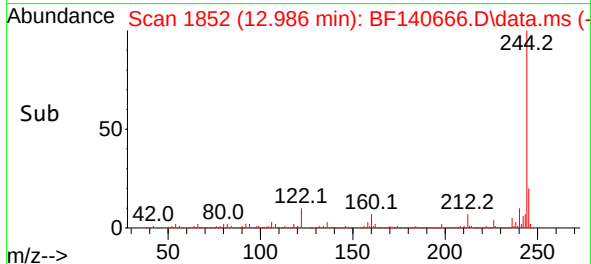
Tgt Ion:244 Resp: 1150430
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.8 8.0 12.0

Manual Integrations

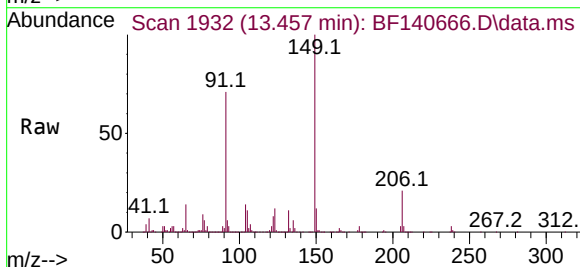
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

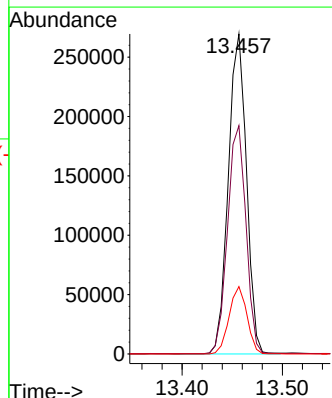
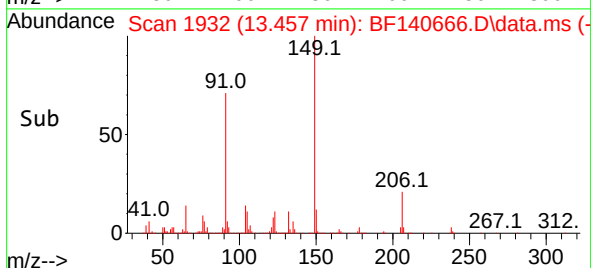
Supervised By :mohammad ahmed 11/29/2024

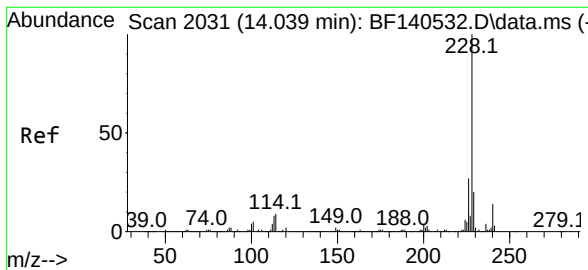


#80
 Butylbenzylphthalate
 Concen: 57.275 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140666.D
 Acq: 27 Nov 2024 13:38



Tgt Ion:149 Resp: 339530
 Ion Ratio Lower Upper
 149 100
 91 71.3 56.2 84.2
 206 21.0 16.4 24.6





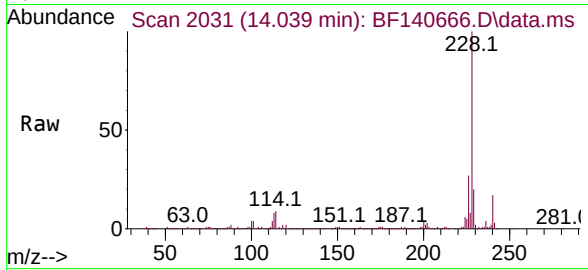
#81
Benzo(a)anthracene
Concen: 54.877 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD



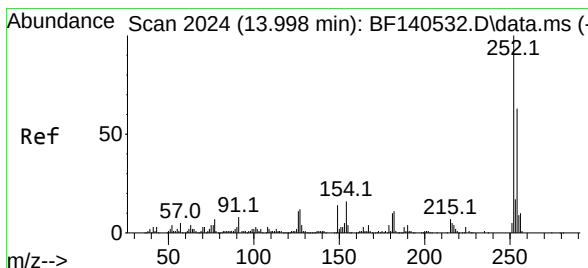
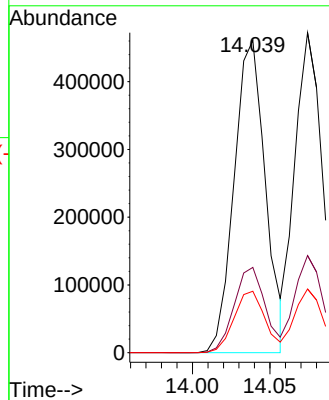
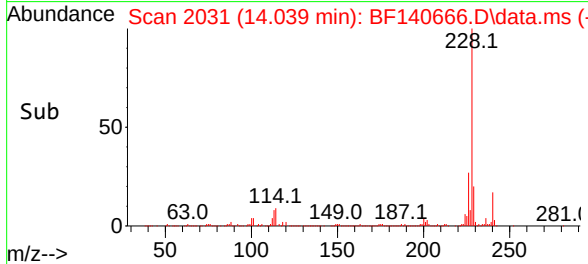
Tgt Ion:228 Resp: 64651
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations

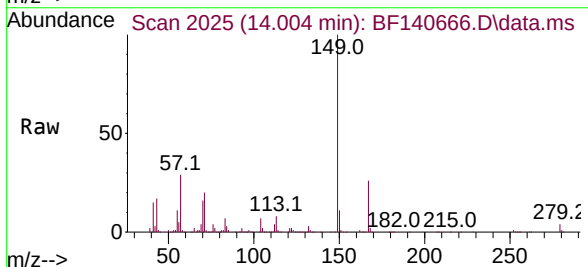
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

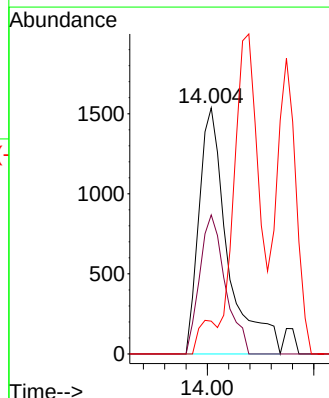
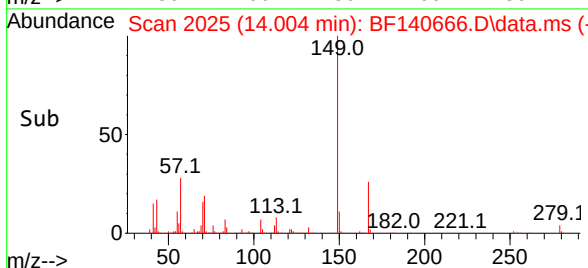
Supervised By :mohammad ahmed 11/29/2024

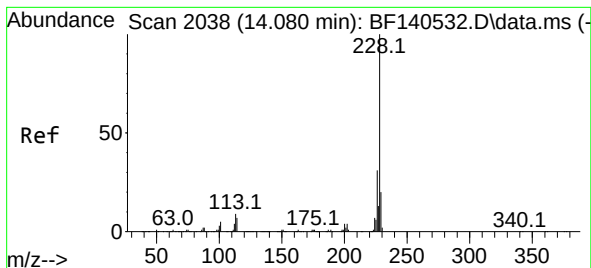


#82
3,3'-Dichlorobenzidine
Concen: 0.818 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38



Tgt Ion:252 Resp: 2892
Ion Ratio Lower Upper
252 100
254 56.5 50.8 76.2
126 13.3 8.6 13.0#





#83

Chrysene

Concen: 54.590 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

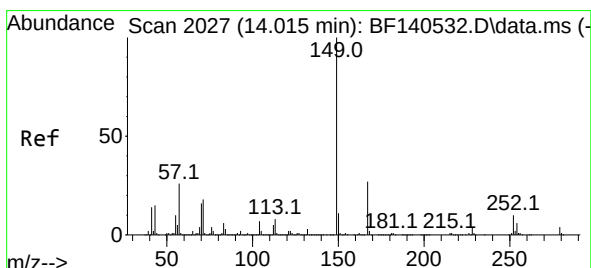
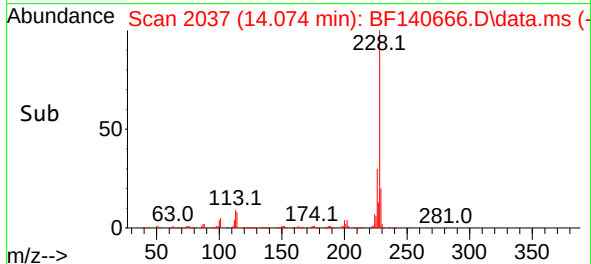
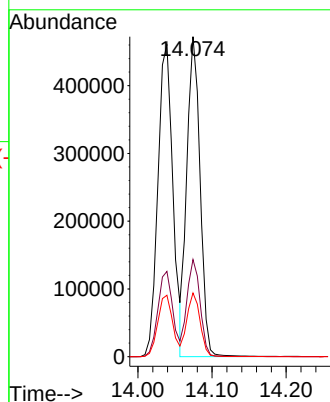
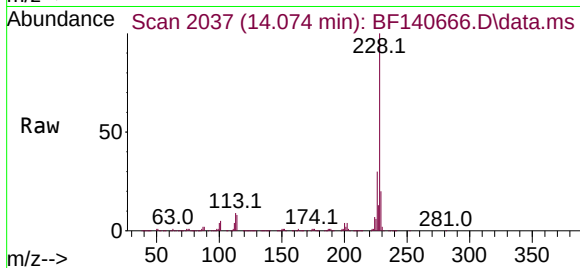
Tgt Ion:	228	Resp:	588072
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.4	36.6
229	19.9	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.175 ng

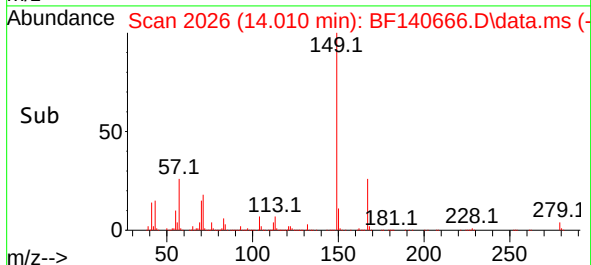
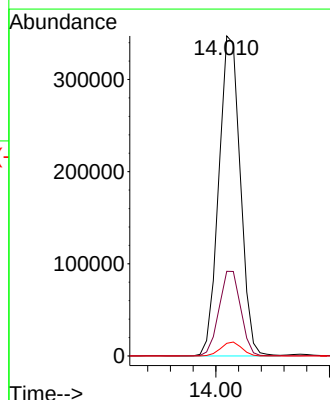
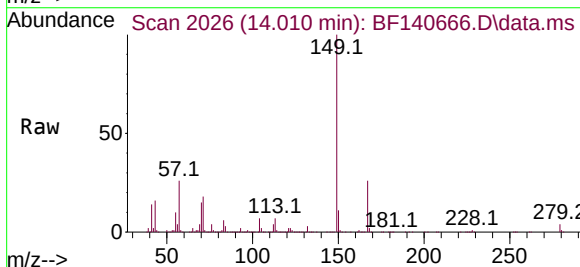
RT: 14.010 min Scan# 2026

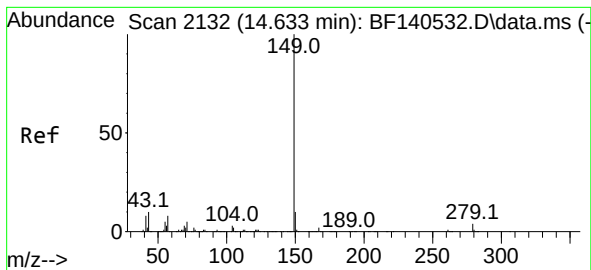
Delta R.T. -0.006 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Tgt Ion:	149	Resp:	457915
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.2	31.8
279	4.0	3.2	4.8





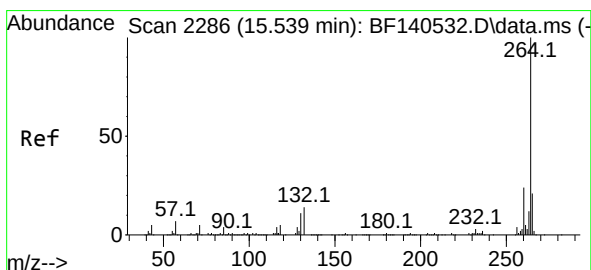
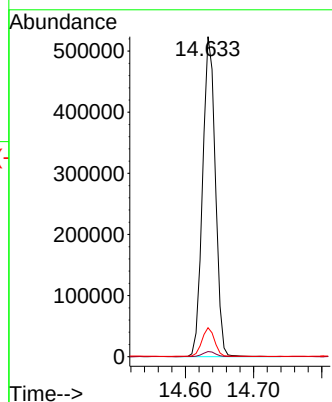
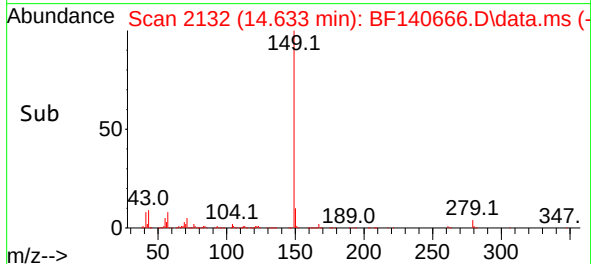
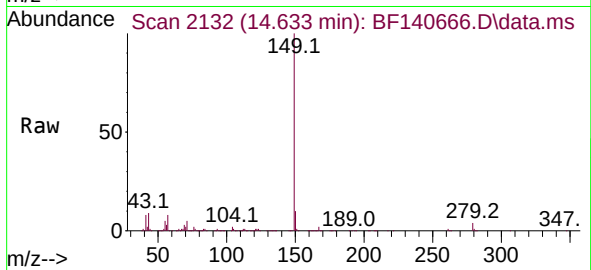
#85
Di-n-octyl phthalate
Concen: 66.643 ng
RT: 14.633 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:149 Resp: 681730
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.7 11.5

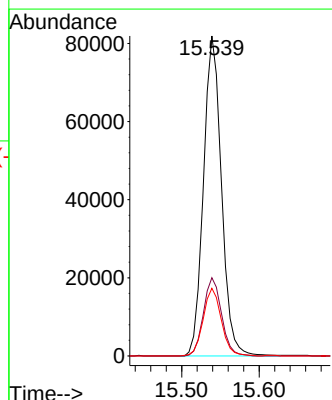
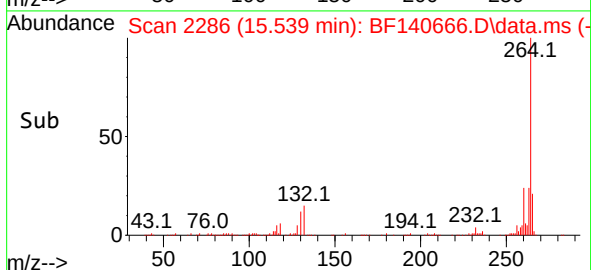
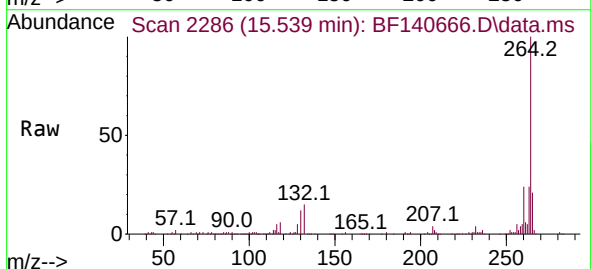
Manual Integrations
APPROVED

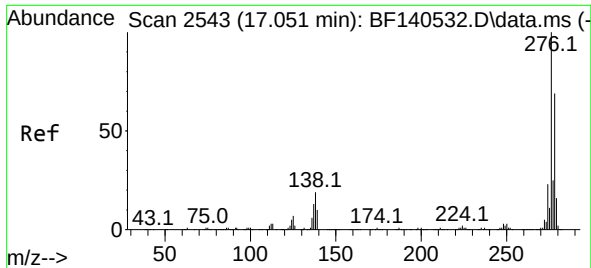
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Tgt Ion:264 Resp: 132236
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.6
265 21.1 16.6 25.0





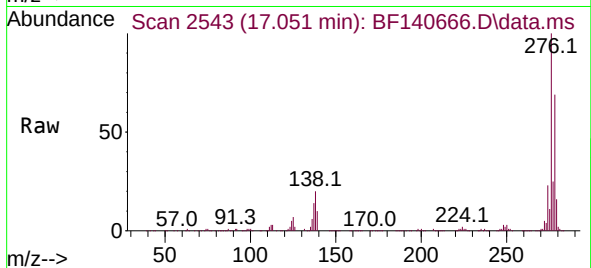
#87
Indeno(1,2,3-cd)pyrene
Concen: 63.462 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD



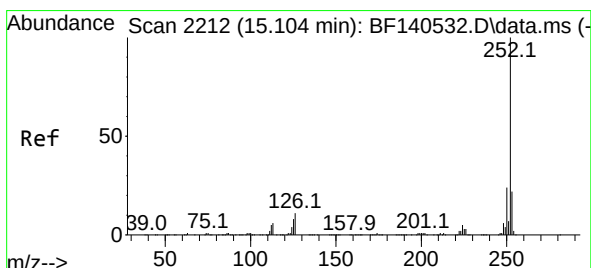
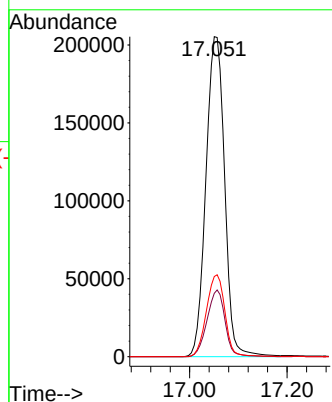
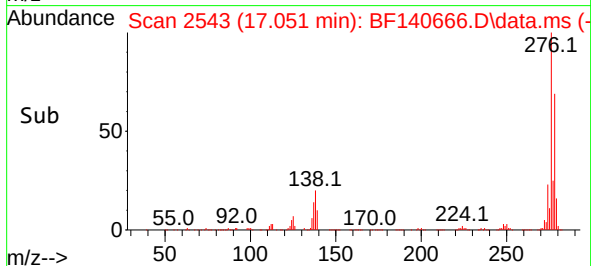
Tgt Ion:276 Resp: 546892
Ion Ratio Lower Upper
276 100
138 20.1 15.5 23.3
277 25.4 20.1 30.1

Manual Integrations

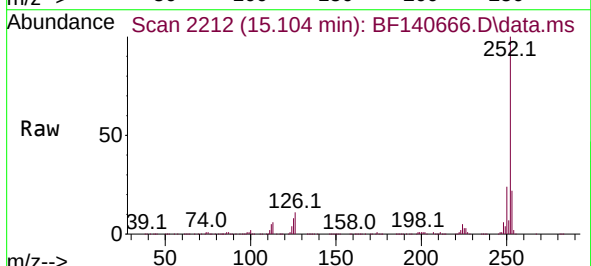
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

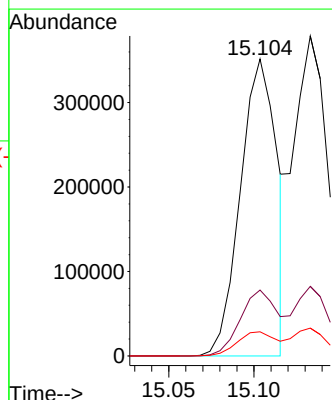
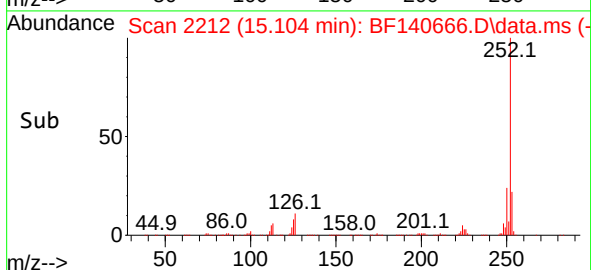
Supervised By :mohammad ahmed 11/29/2024

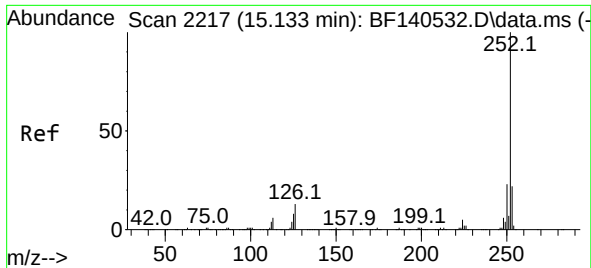


#88
Benzo(b)fluoranthene
Concen: 63.027 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38



Tgt Ion:252 Resp: 523502
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 8.1 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 73.867 ng
RT: 15.133 min Scan# 2217
Delta R.T. -0.000 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

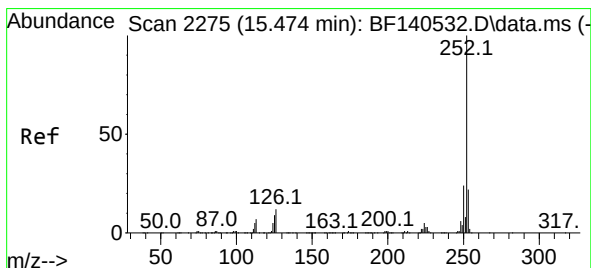
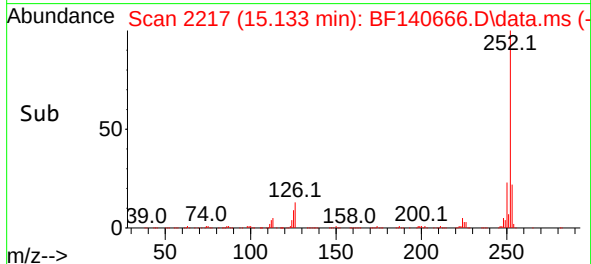
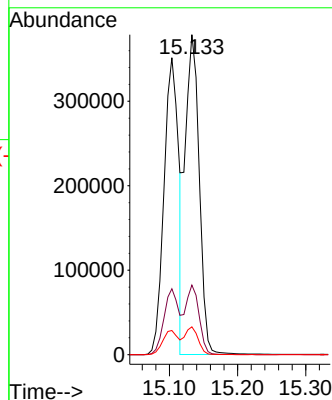
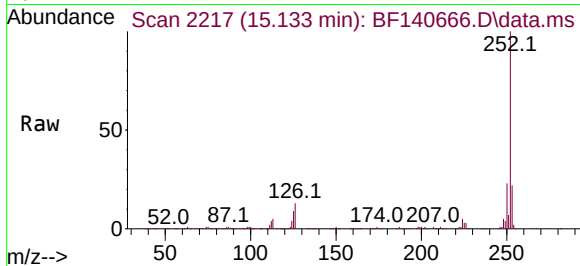
MH-732MSD

Tgt Ion:252 Resp: 53689
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.7 6.5 9.7

Manual Integrations

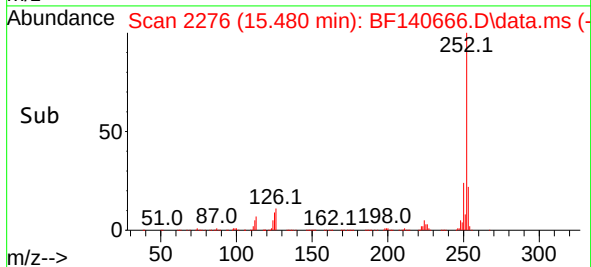
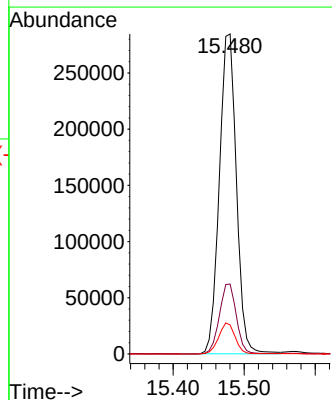
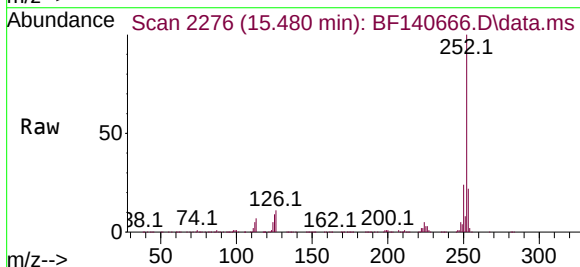
APPROVED

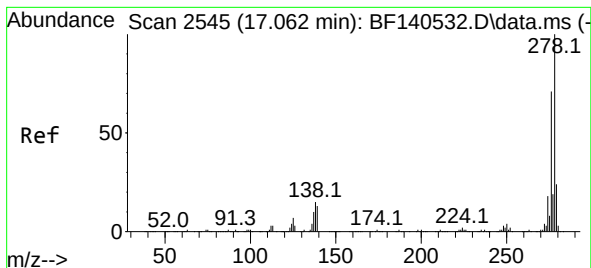
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#90
Benzo(a)pyrene
Concen: 69.931 ng
RT: 15.480 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF140666.D
Acq: 27 Nov 2024 13:38

Tgt Ion:252 Resp: 472270
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.1 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 67.355 ng

RT: 17.062 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

Tgt Ion:278 Resp: 47536

Ion Ratio Lower Upper

278 100

139 13.3 10.2 15.4

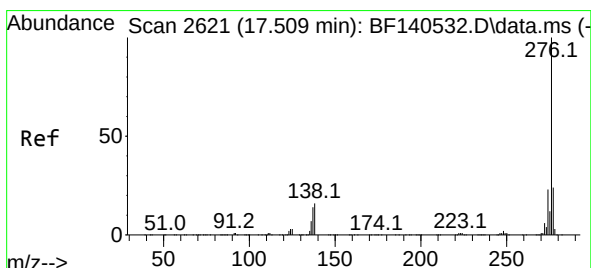
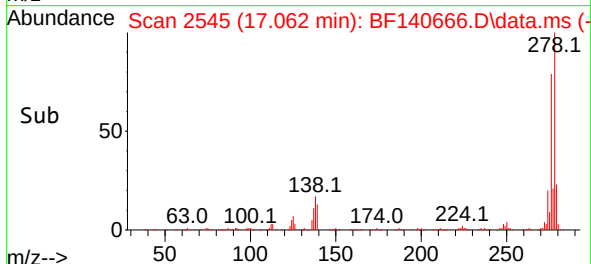
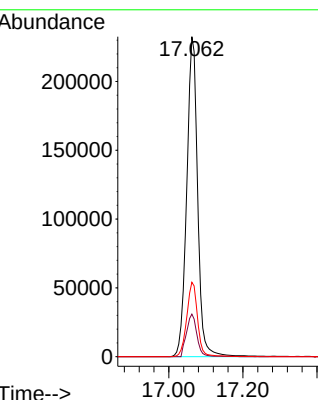
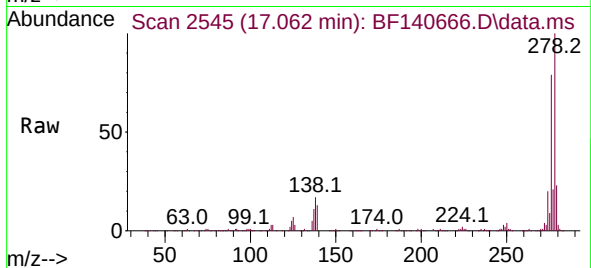
279 23.3 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#92

Benzo(g,h,i)perylene

Concen: 52.680 ng

RT: 17.503 min Scan# 2620

Delta R.T. -0.006 min

Lab File: BF140666.D

Acq: 27 Nov 2024 13:38

Tgt Ion:276 Resp: 379393

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 17.7 13.2 19.8

