

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
 Data File : BF140754.D
 Acq On : 05 Dec 2024 17:45
 Operator : RC/JU
 Sample : P5096-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-AMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2024
 Supervised By :mohammad ahmed 12/07/2024

Quant Time: Dec 06 00:06:28 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	70502	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	271659	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	146467	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	237103	20.000	ng	0.00
76) Chrysene-d12	14.051	240	143094	20.000	ng	0.00
86) Perylene-d12	15.557	264	155027	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	503083	121.750	ng	0.01
7) Phenol-d6	6.516	99	658772	120.594	ng	0.00
23) Nitrobenzene-d5	7.434	82	425957	80.203	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	184319	117.665	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	807033	82.096	ng	-0.01
79) Terphenyl-d14	12.980	244	653423	71.105	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	77442	44.576	ng	97
3) Pyridine	3.463	79	174963	45.772	ng	100
4) n-Nitrosodimethylamine	3.422	42	104821	46.657	ng	98
6) Aniline	6.540	93	157499	40.963	ng	# 74
8) 2-Chlorophenol	6.663	128	234255	52.695	ng	95
9) Benzaldehyde	6.422	77	70913	24.521	ng	99
10) Phenol	6.534	94	295451	52.960	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	230515	53.997	ng	98
12) 1,3-Dichlorobenzene	6.810	146	245013	49.050	ng	99
13) 1,4-Dichlorobenzene	6.887	146	250413	49.510	ng	100
14) 1,2-Dichlorobenzene	7.040	146	239826	50.603	ng	99
15) Benzyl Alcohol	7.016	79	189269	46.720	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	264640	52.473	ng	66
17) 2-Methylphenol	7.140	107	179431	50.422	ng	93
18) Hexachloroethane	7.375	117	93264	49.372	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	168361	52.149	ng	97
20) 3+4-Methylphenols	7.293	107	238741	52.195	ng	# 71
22) Acetophenone	7.281	105	325270	49.113	ng	93
24) Nitrobenzene	7.457	77	254648	46.392	ng	98
25) Isophorone	7.693	82	449932	50.792	ng	100
26) 2-Nitrophenol	7.769	139	125577	51.624	ng	96
27) 2,4-Dimethylphenol	7.810	122	185500m	63.736	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	271268	50.267	ng	99
29) 2,4-Dichlorophenol	8.028	162	199568	51.748	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	209399	47.555	ng	99
31) Naphthalene	8.175	128	685759	49.008	ng	100
32) Benzoic acid	7.951	122	92838	38.355	ng	97
33) 4-Chloroaniline	8.245	127	54758	13.070	ng	99
34) Hexachlorobutadiene	8.281	225	142320	48.797	ng	99
35) Caprolactam	8.604	113	59927m	50.212	ng	
36) 4-Chloro-3-methylphenol	8.728	107	212633	49.244	ng	98
37) 2-Methylnaphthalene	8.863	142	450570	50.696	ng	100
38) 1-Methylnaphthalene	8.963	142	418081	47.991	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	225711	52.640	ng	99
41) Hexachlorocyclopentadiene	9.010	237	142886	142.031	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	138199	51.364	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	142298	48.732	ng	98
46) 1,1'-Biphenyl	9.328	154	561643	51.360	ng	99
47) 2-Chloronaphthalene	9.351	162	417320	50.365	ng	99
48) 2-Nitroaniline	9.457	65	130740	49.157	ng	99
49) Acenaphthylene	9.769	152	667804	53.341	ng	100
50) Dimethylphthalate	9.628	163	511749	53.052	ng	100
51) 2,6-Dinitrotoluene	9.698	165	107188	48.995	ng	94
52) Acenaphthene	9.939	154	402147	50.554	ng	100
53) 3-Nitroaniline	9.875	138	66775	31.208	ng	93
54) 2,4-Dinitrophenol	9.986	184	93004	81.880	ng	98
55) Dibenzofuran	10.116	168	605201	49.878	ng	99
56) 4-Nitrophenol	10.057	139	95097	65.168	ng	94
57) 2,4-Dinitrotoluene	10.104	165	140456	48.307	ng	96
58) Fluorene	10.457	166	478427	49.123	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	118071	52.613	ng	94
60) Diethylphthalate	10.328	149	505897	51.618	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	245624	51.390	ng	98
62) 4-Nitroaniline	10.492	138	94888	42.283	ng	94
63) Azobenzene	10.610	77	535846	57.734	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	71187	58.754	ng	93
66) n-Nitrosodiphenylamine	10.569	169	411705	58.716	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	140872	57.692	ng	97
68) Hexachlorobenzene	11.010	284	152867	54.067	ng	100
69) Atrazine	11.098	200	122907	62.309	ng	99
70) Pentachlorophenol	11.216	266	100561	80.811	ng	99
71) Phenanthrene	11.422	178	624997	54.837	ng	99
72) Anthracene	11.475	178	619652	55.580	ng	99
73) Carbazole	11.633	167	529978	49.414	ng	99
74) Di-n-butylphthalate	11.951	149	691509	55.847	ng	100
75) Fluoranthene	12.616	202	585416	47.308	ng	99
77) Benzidine	12.745	184	55852	13.425	ng	98
78) Pyrene	12.845	202	584760	44.197	ng	99
80) Butylbenzylphthalate	13.457	149	226763	47.577	ng	99
81) Benzo(a)anthracene	14.039	228	509017	53.738	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	116691	41.032	ng	99
83) Chrysene	14.080	228	451854	52.169	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	311848	51.816	ng	99
85) Di-n-octyl phthalate	14.645	149	514209	62.518	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	442711	43.820	ng	99
88) Benzo(b)fluoranthene	15.121	252	505485	51.911	ng	98
89) Benzo(k)fluoranthene	15.151	252	454229	53.306	ng	100
90) Benzo(a)pyrene	15.498	252	449031	56.715	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	371071	44.848	ng	100
92) Benzo(g,h,i)perylene	17.533	276	305879	36.228	ng	99

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

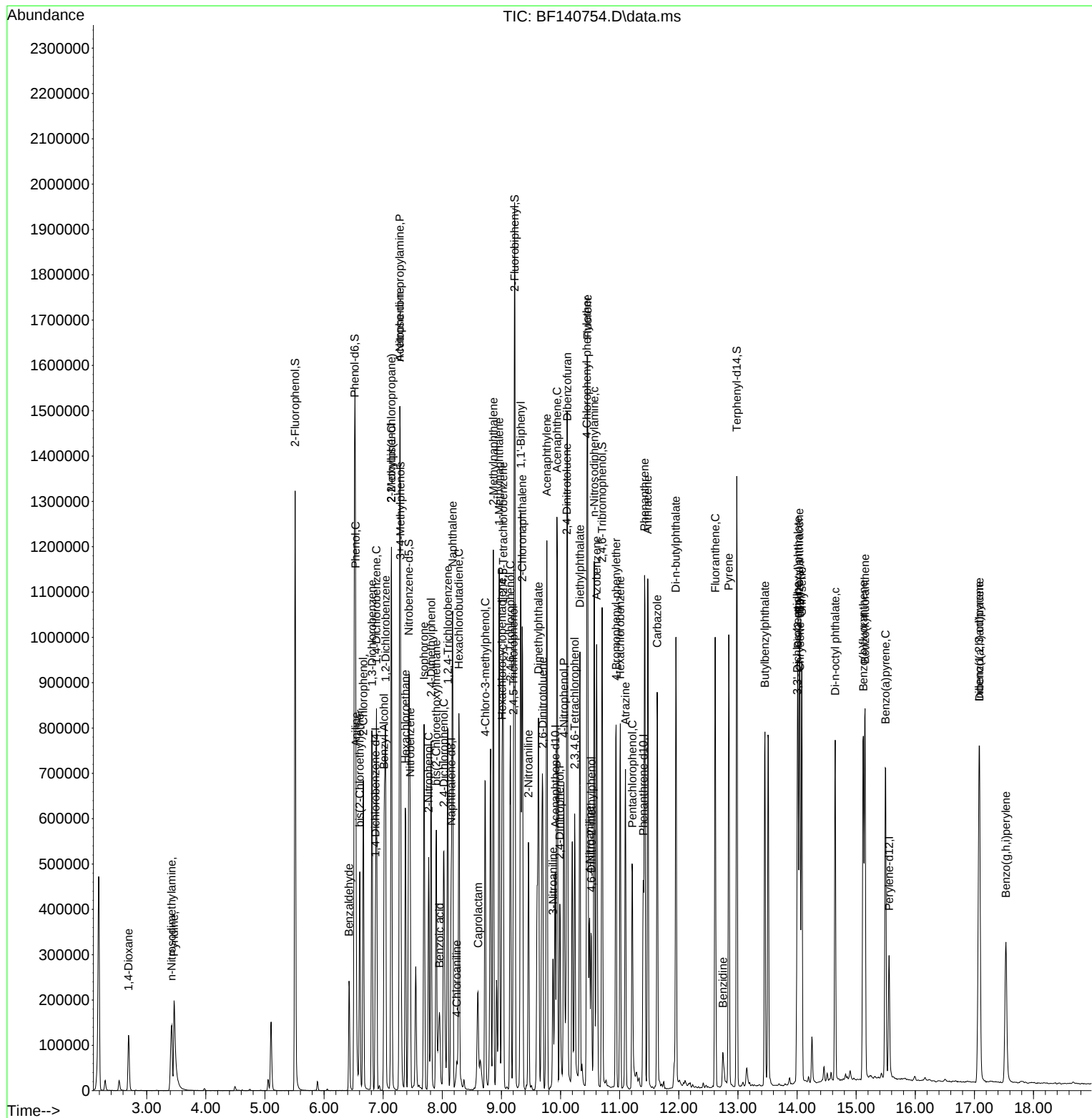
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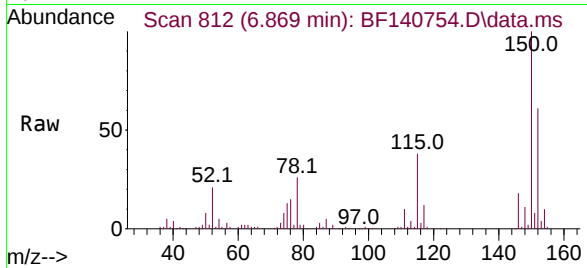
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

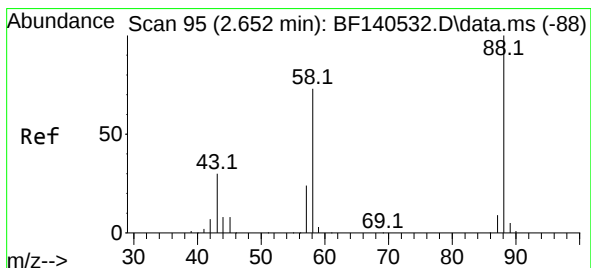
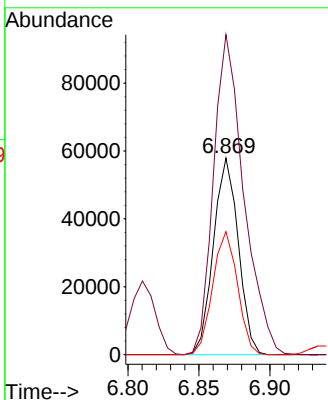
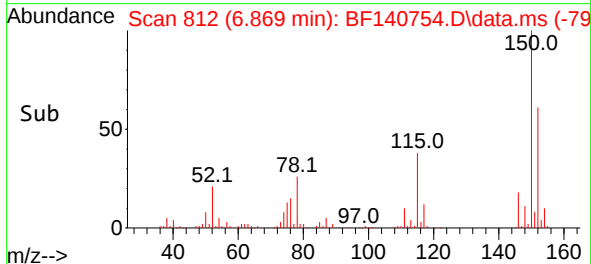
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



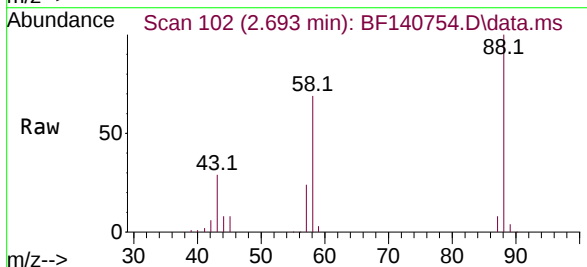
Tgt Ion:152 Resp: 70502
Ion Ratio Lower Upper
152 100
150 162.9 128.5 192.7
115 62.6 50.2 75.4

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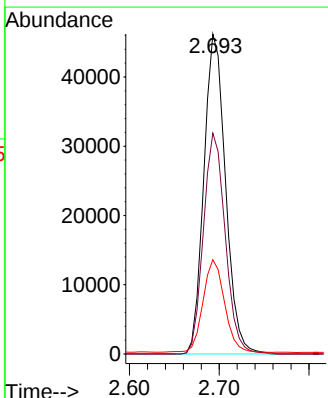
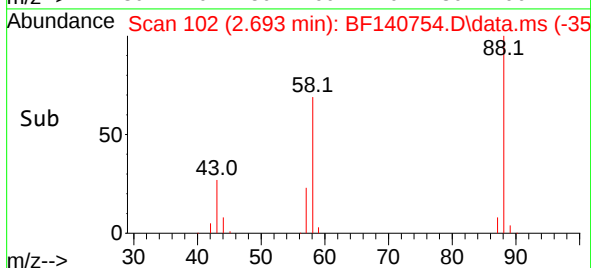
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#2
1,4-Dioxane
Concen: 44.576 ng
RT: 2.693 min Scan# 102
Delta R.T. 0.041 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45



Tgt Ion: 88 Resp: 77442
Ion Ratio Lower Upper
88 100
58 69.5 57.4 86.2
43 28.7 24.3 36.5





#3

Pyridine

Concen: 45.772 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

Instrument :

BNA_F

ClientSampleId :

MH-AMSD

Tgt Ion: 79 Resp: 17496

Ion Ratio Lower Upper

79 100

52 64.8 52.1 78.1

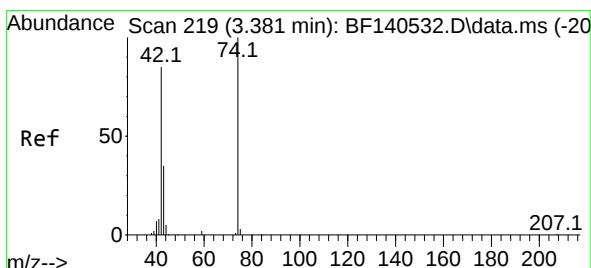
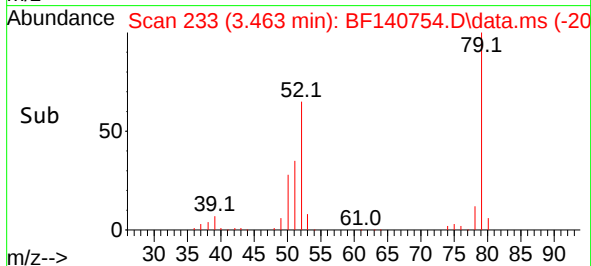
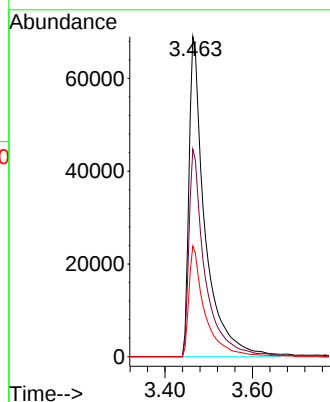
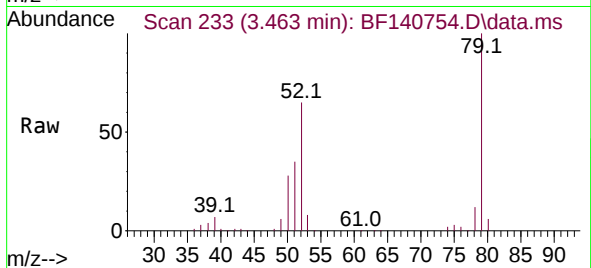
51 34.6 27.8 41.8

Manual Integrations

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Supervised By :mohammad ahmed 12/07/2024



#4

n-Nitrosodimethylamine

Concen: 46.657 ng

RT: 3.422 min Scan# 226

Delta R.T. 0.041 min

Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

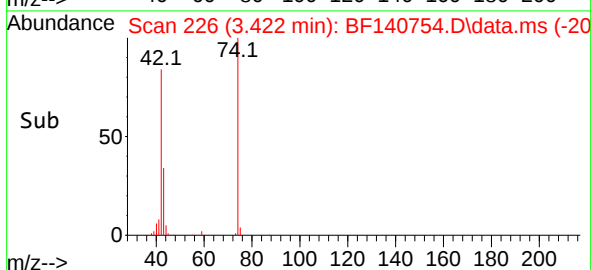
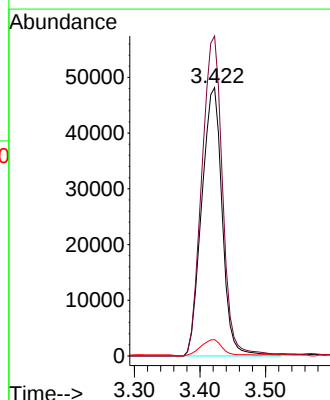
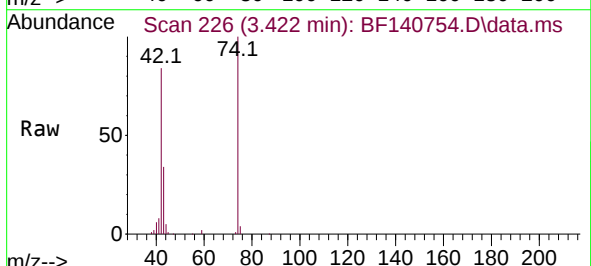
Tgt Ion: 42 Resp: 104821

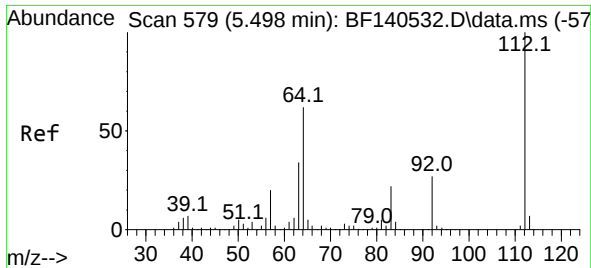
Ion Ratio Lower Upper

42 100

74 119.3 93.8 140.6

44 6.1 4.6 6.8





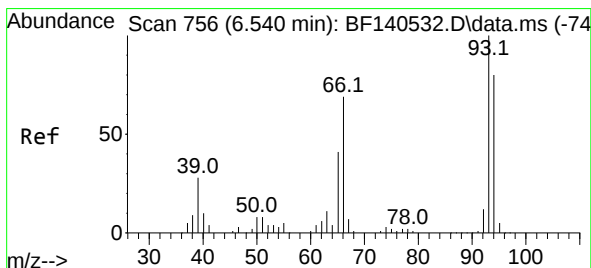
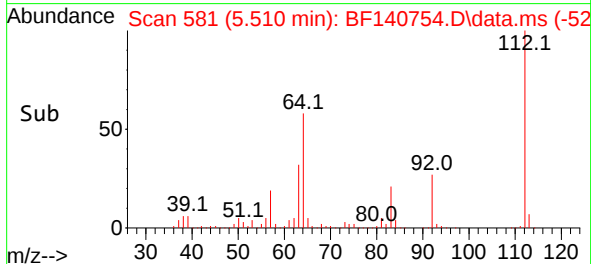
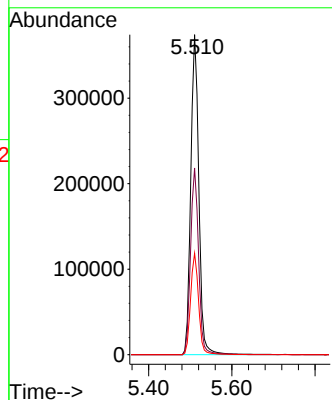
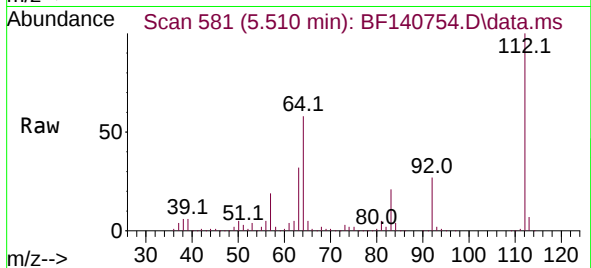
#5
2-Fluorophenol
Concen: 121.750 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Instrument :
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Tgt Ion:112 Resp: 50308
Ion Ratio Lower Upper
112 100
64 58.4 49.2 73.8
63 31.7 27.0 40.4

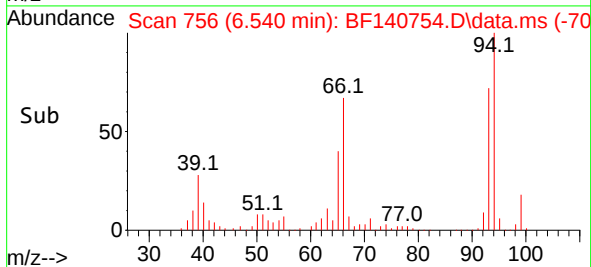
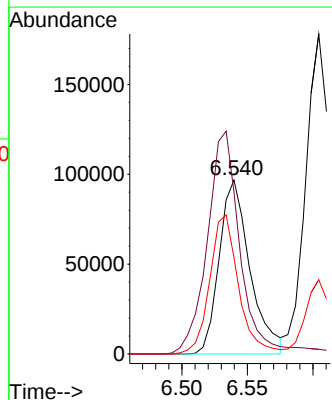
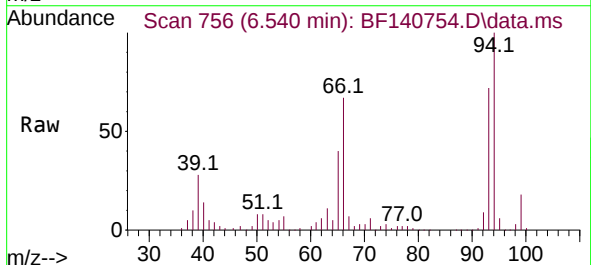
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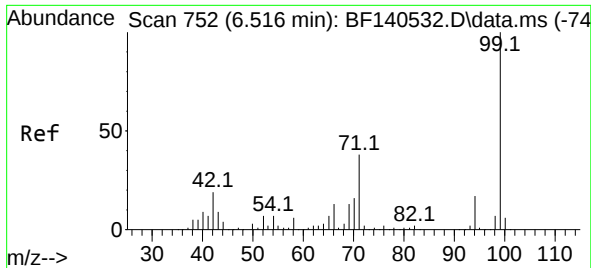
Reviewed By :Yogesh Patel 12/07/2024
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#6
Aniline
Concen: 40.963 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

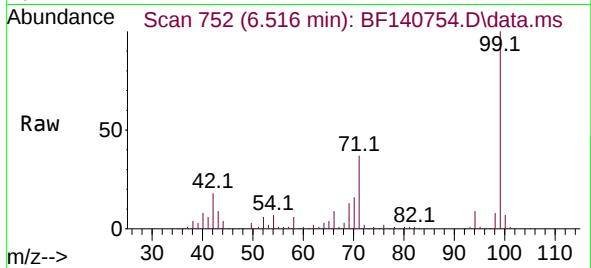
Tgt Ion: 93 Resp: 157499
Ion Ratio Lower Upper
93 100
66 93.2 56.5 84.7#
65 55.5 32.9 49.3#





#7
Phenol-d6
Concen: 120.594 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

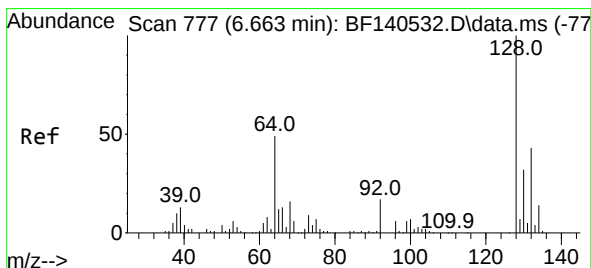
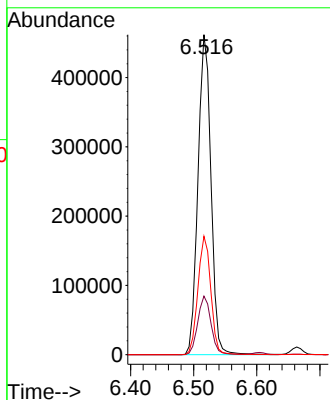
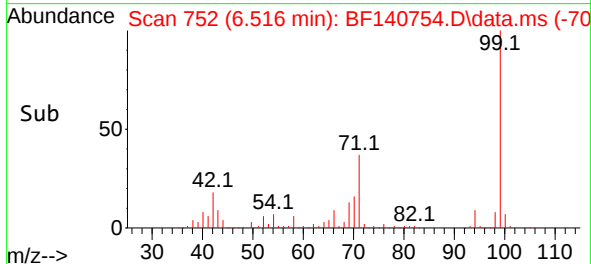
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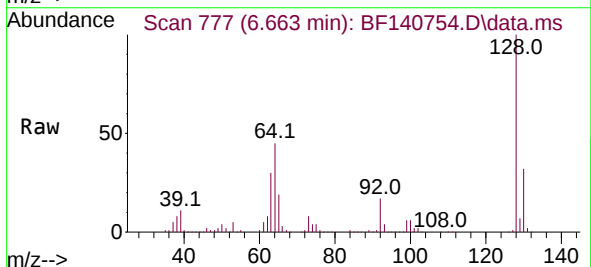
Tgt Ion: 99 Resp: 658772
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 37.0 30.6 46.0

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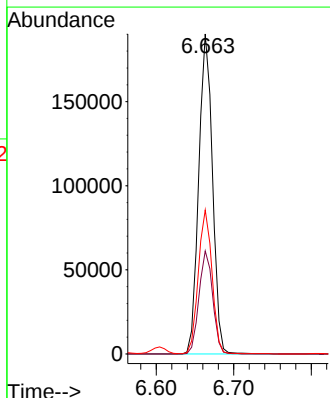
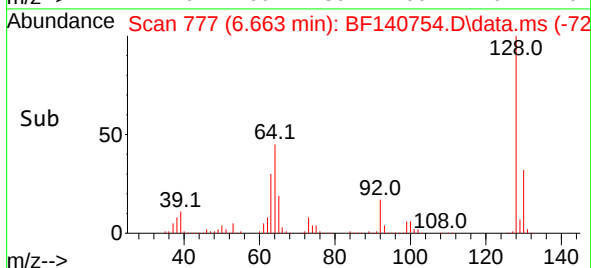
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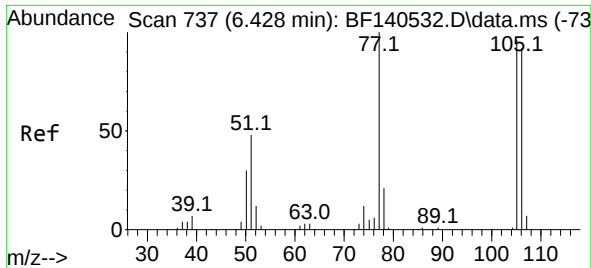


#8
2-Chlorophenol
Concen: 52.695 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45



Tgt Ion:128 Resp: 234255
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 45.0 30.2 70.2





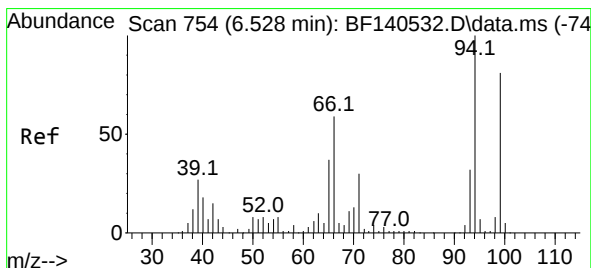
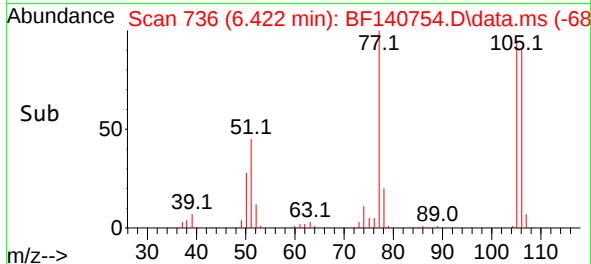
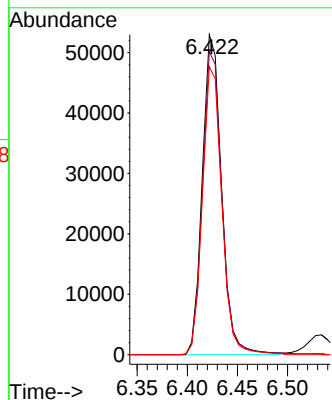
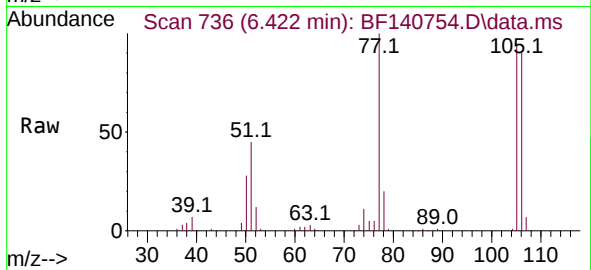
#9
Benzaldehyde
Concen: 24.521 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.006 min
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Tgt Ion: 77 Resp: 7091
Ion Ratio Lower Upper
77 100
105 94.7 75.6 115.6
106 90.0 72.0 112.0

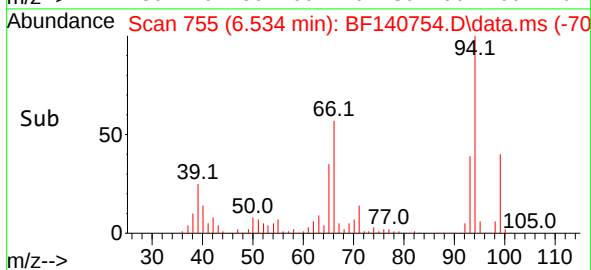
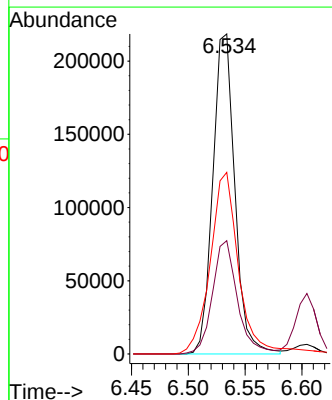
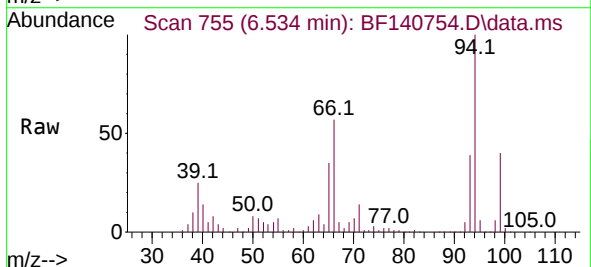
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Supervised By :mohammad ahmed 12/07/2024



#10
Phenol
Concen: 52.960 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Tgt Ion: 94 Resp: 295451
Ion Ratio Lower Upper
94 100
65 35.4 17.2 57.2
66 56.8 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 53.997 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

Instrument :

BNA_F

ClientSampleId :

MH-AMSD

Tgt Ion: 93 Resp: 23051

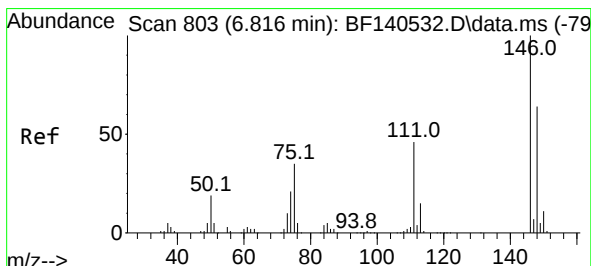
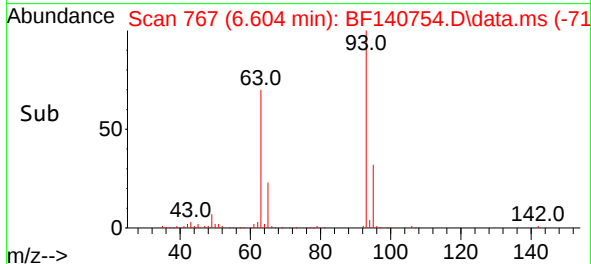
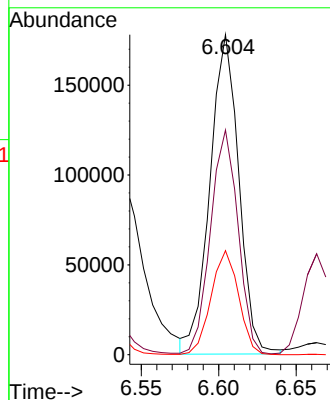
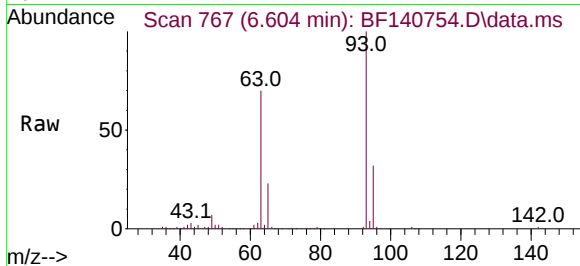
Ion	Ratio	Lower	Upper
93	100		
63	70.2	52.8	92.8
95	32.5	12.3	52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#12

1,3-Dichlorobenzene

Concen: 49.050 ng

RT: 6.810 min Scan# 802

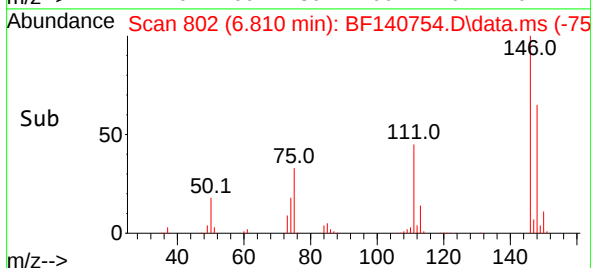
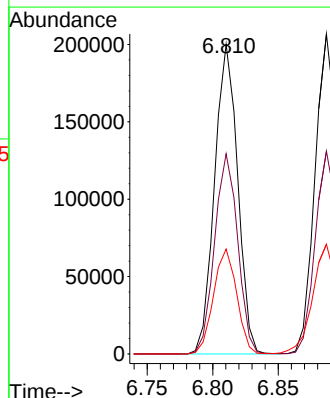
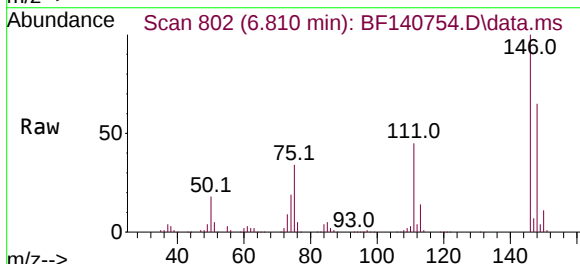
Delta R.T. -0.006 min

Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

Tgt Ion:146 Resp: 245013

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.3	76.9
75	33.9	28.2	42.2





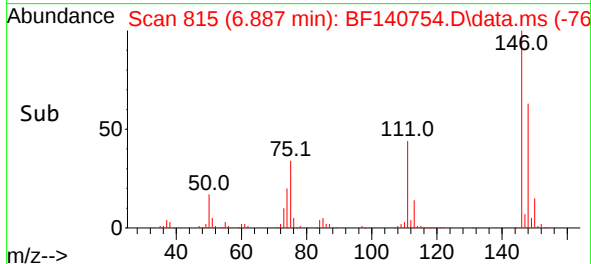
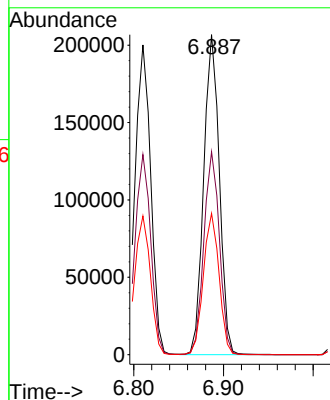
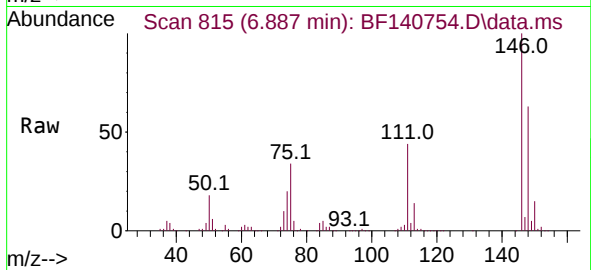
#13
1,4-Dichlorobenzene
Concen: 49.510 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Instrument :
BNA_F
ClientSampleId :
MH-AMSD

Tgt Ion:146 Resp: 250411
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 44.2 35.3 52.9

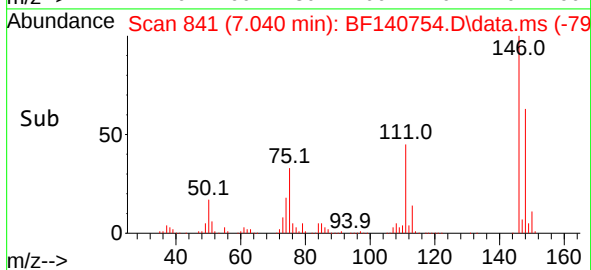
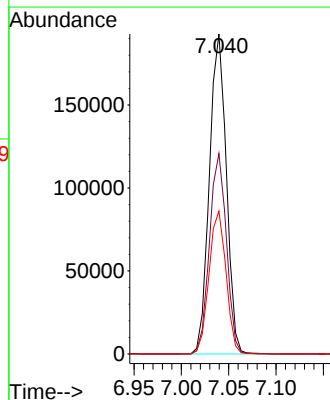
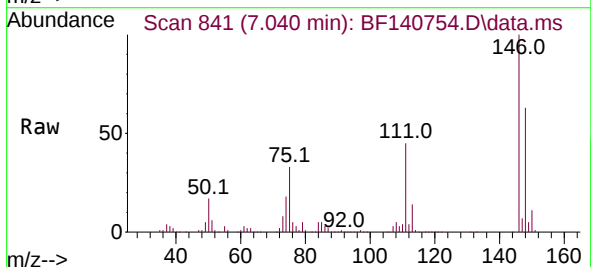
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#14
1,2-Dichlorobenzene
Concen: 50.603 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

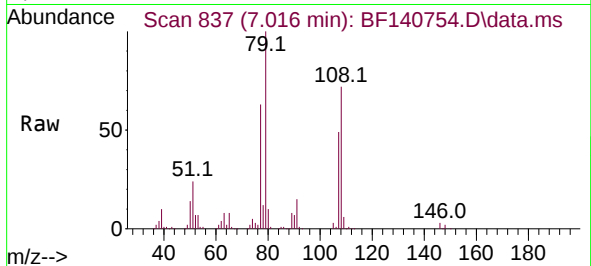
Tgt Ion:146 Resp: 239826
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
111 44.6 36.7 55.1





#15
Benzyl Alcohol
Concen: 46.720 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

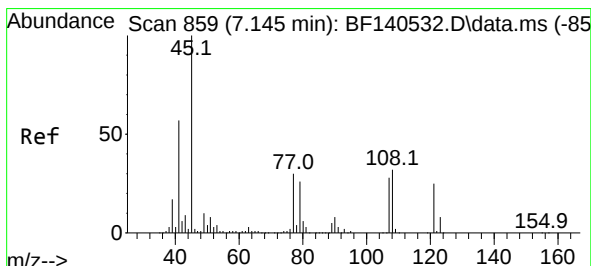
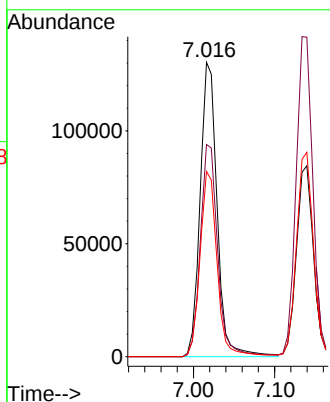
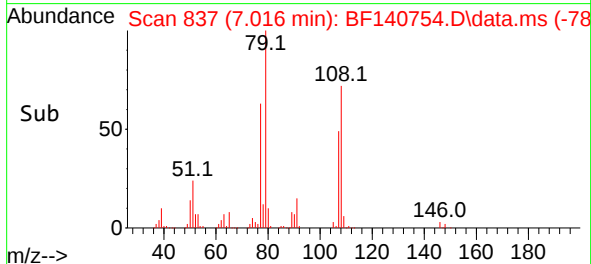
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



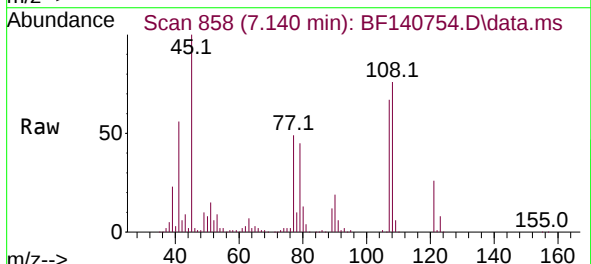
Tgt Ion: 79 Resp: 189269
Ion Ratio Lower Upper
79 100
108 72.1 55.0 82.6
77 63.0 50.1 75.1

Manual Integrations
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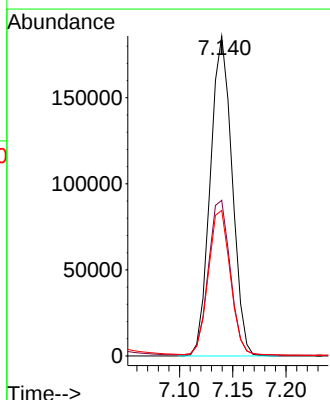
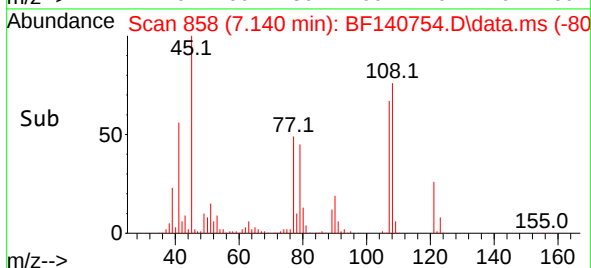
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

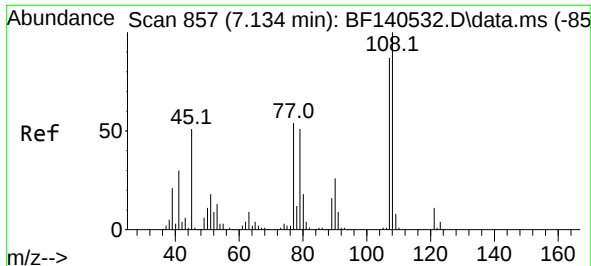


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.473 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45



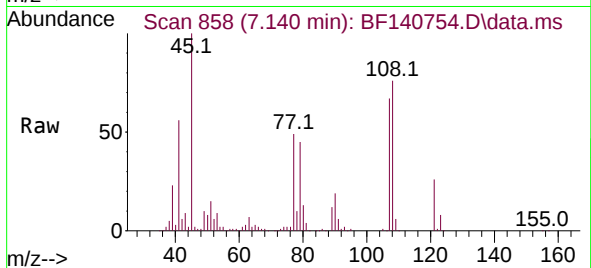
Tgt Ion: 45 Resp: 264640
Ion Ratio Lower Upper
45 100
77 48.7 10.7 50.7
79 45.5 7.0 47.0





#17
2-Methylphenol
Concen: 50.422 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

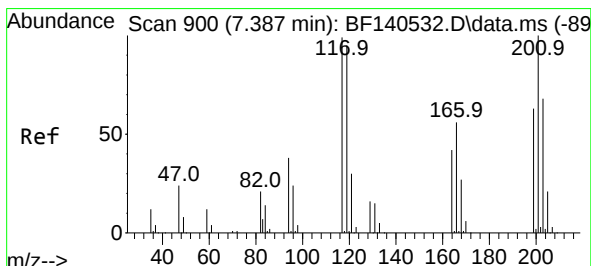
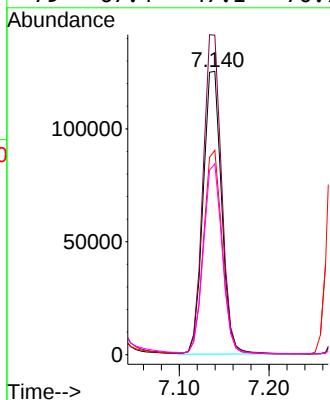
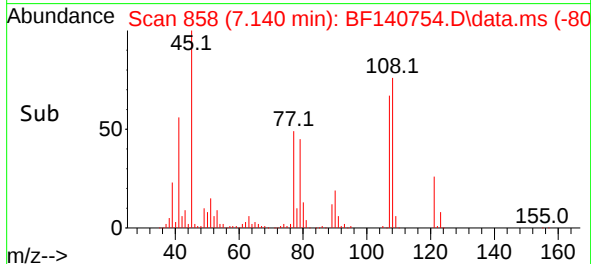
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



Tgt Ion:107 Resp: 17943
Ion Ratio Lower Upper
107 100
108 112.8 91.7 137.5
77 72.1 49.3 73.9
79 67.4 47.1 70.7

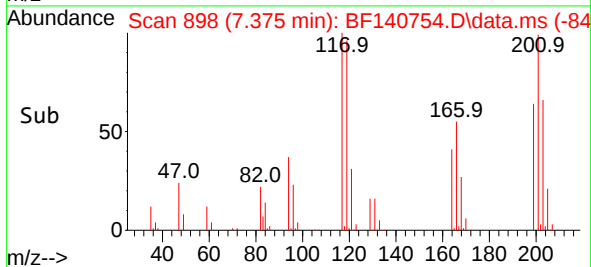
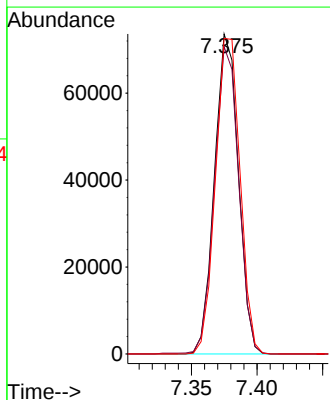
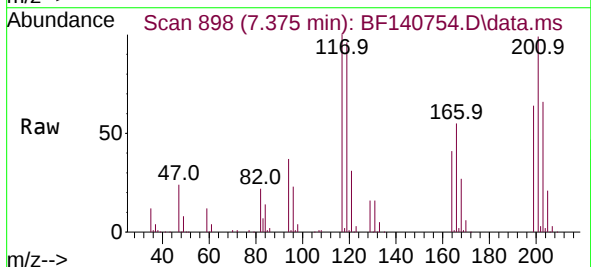
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#18
Hexachloroethane
Concen: 49.372 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Tgt Ion:117 Resp: 93264
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7
201 98.6 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 52.149 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

Instrument :

BNA_F

ClientSampleId :

MH-AMSD

Tgt Ion: 70 Resp: 16836

Ion Ratio Lower Upper

70 100

42 56.6 47.6 71.4

101 9.9 7.6 11.4

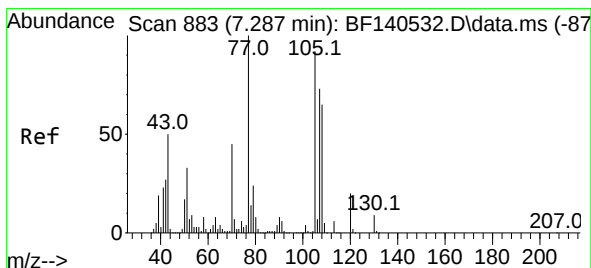
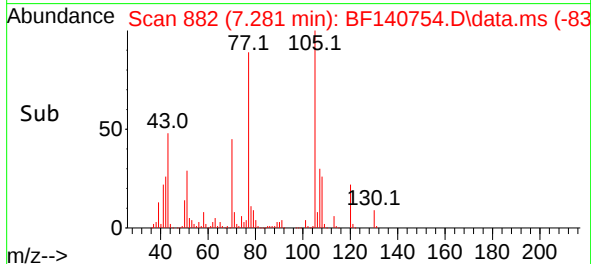
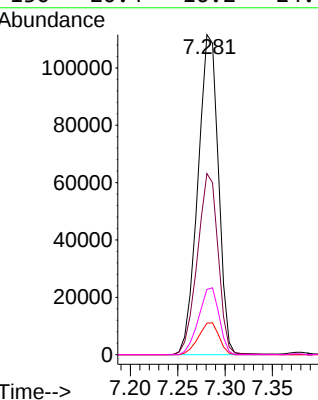
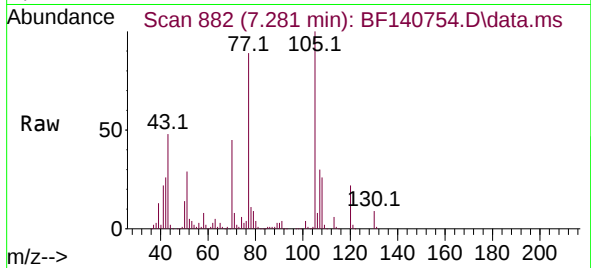
130 20.4 16.2 24.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#20

3+4-Methylphenols

Concen: 52.195 ng

RT: 7.293 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

Tgt Ion:107 Resp: 238741

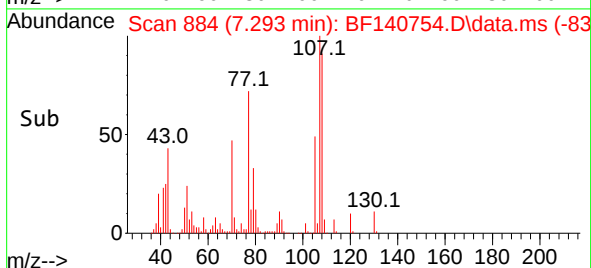
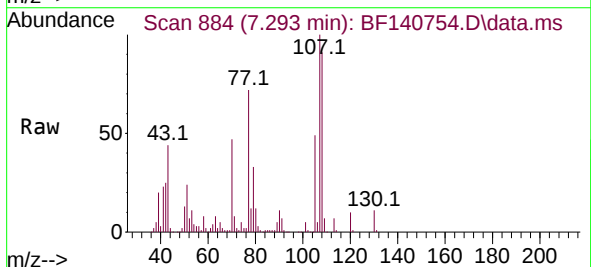
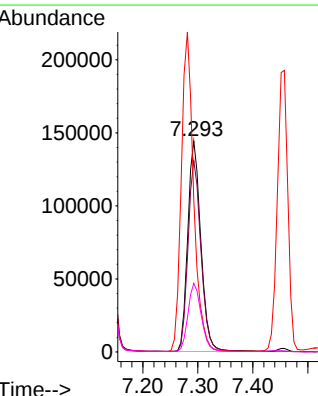
Ion Ratio Lower Upper

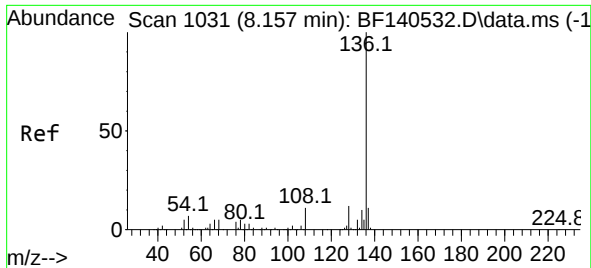
107 100

108 90.8 69.9 109.9

77 72.0 117.7 157.7#

79 32.5 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: BF140754.D
Acq: 05 Dec 2024 17:45

Instrument :

BNA_F

ClientSampleId :

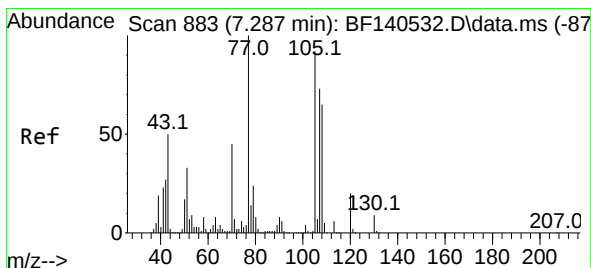
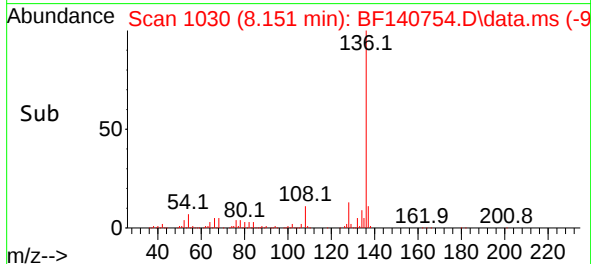
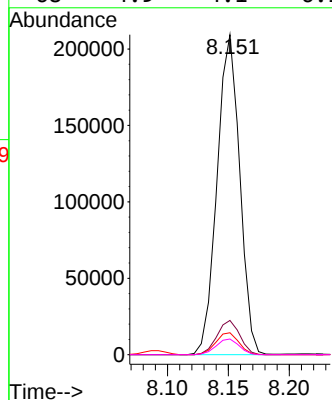
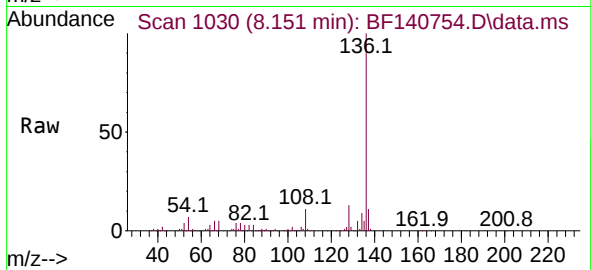
MH-AMSD

Tgt Ion:136 Resp: 271659
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.9 5.8 8.8
68 4.9 4.1 6.1

Manual Integrations

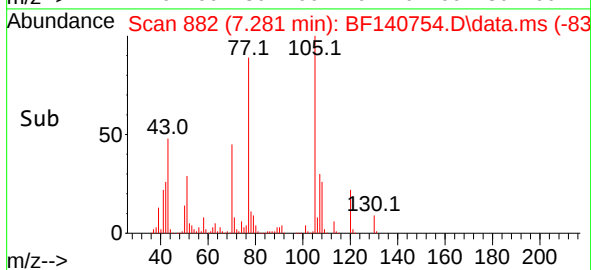
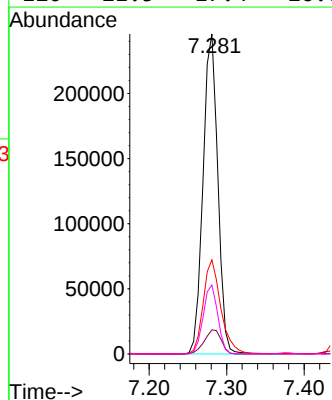
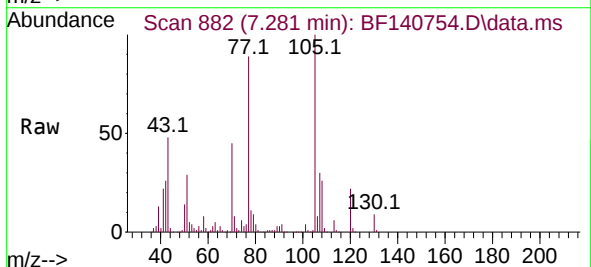
APPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#22
Acetophenone
Concen: 49.113 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Tgt Ion:105 Resp: 325270
Ion Ratio Lower Upper
105 100
71 7.5 6.2 9.2
51 29.4 29.0 43.6
120 21.5 17.4 26.0





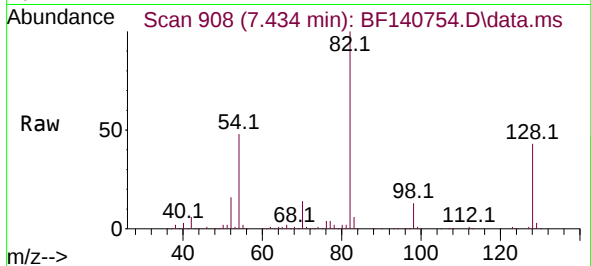
#23
Nitrobenzene-d5
Concen: 80.203 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Instrument :

BNA_F

ClientSampleId :

MH-AMSD

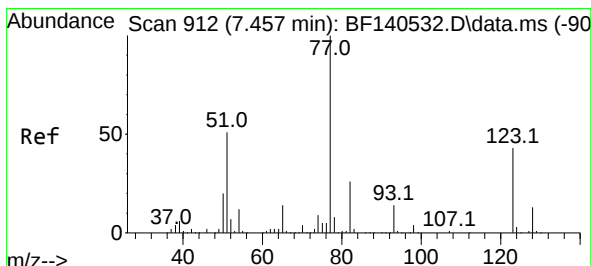
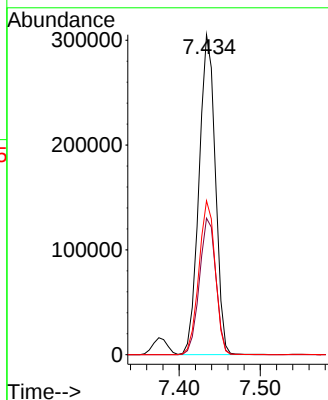
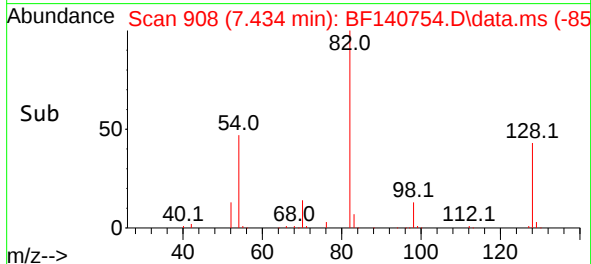


Tgt Ion: 82 Resp: 42595
Ion Ratio Lower Upper
82 100
128 42.7 33.0 49.4
54 48.1 39.5 59.3

Manual Integrations

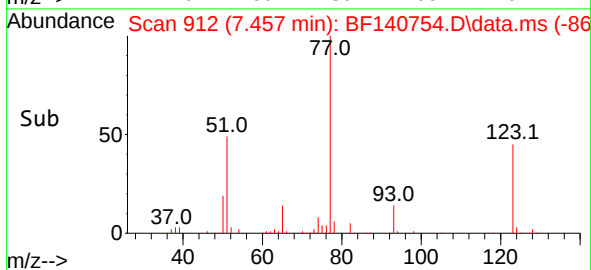
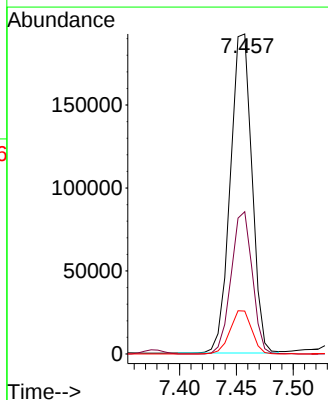
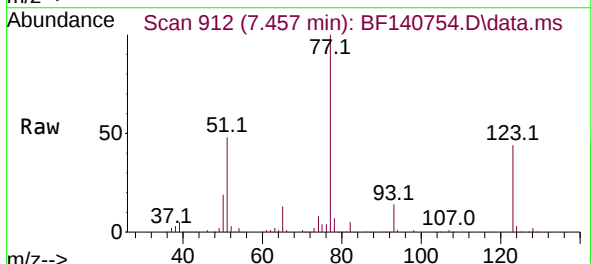
APPROVED

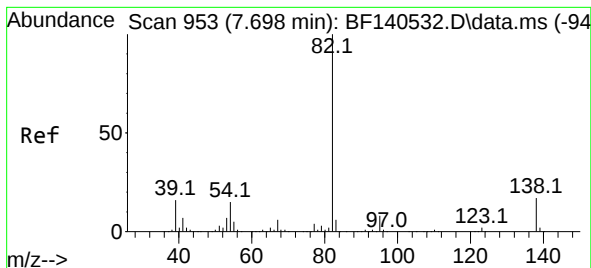
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#24
Nitrobenzene
Concen: 46.392 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Tgt Ion: 77 Resp: 254648
Ion Ratio Lower Upper
77 100
123 44.4 34.3 51.5
65 13.4 11.2 16.8





#25

Isophorone

Concen: 50.792 ng

RT: 7.693 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

Instrument :

BNA_F

ClientSampleId :

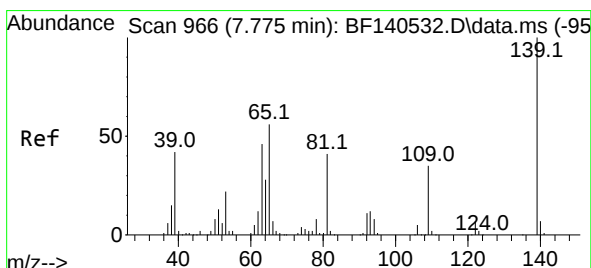
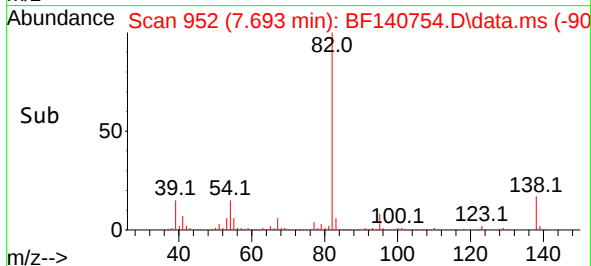
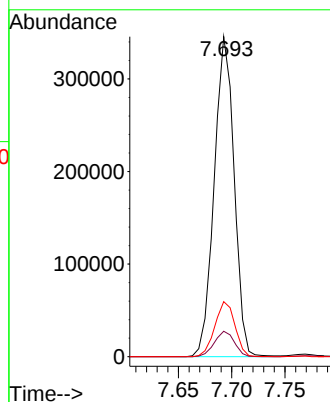
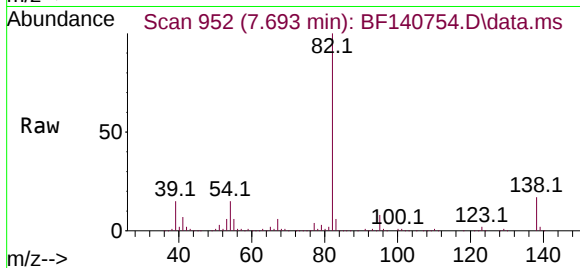
MH-AMSD

Tgt Ion: 82 Resp: 449932
 Ion Ratio Lower Upper
 82 100
 95 8.0 6.4 9.6
 138 17.2 13.8 20.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2024
 Supervised By :mohammad ahmed 12/07/2024



#26

2-Nitrophenol

Concen: 51.624 ng

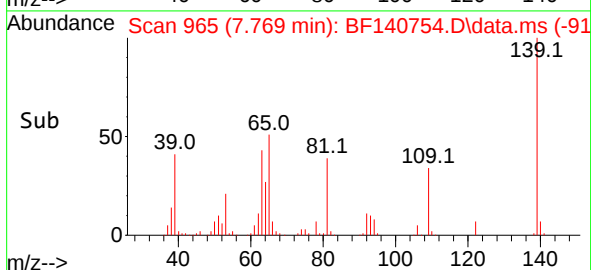
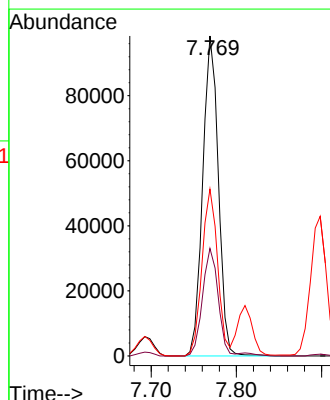
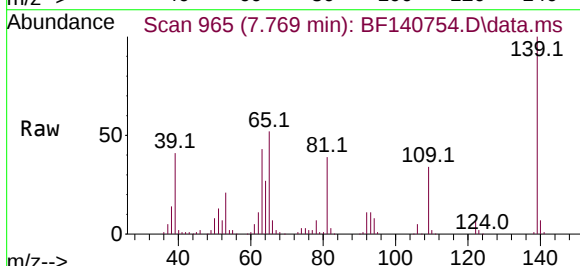
RT: 7.769 min Scan# 965

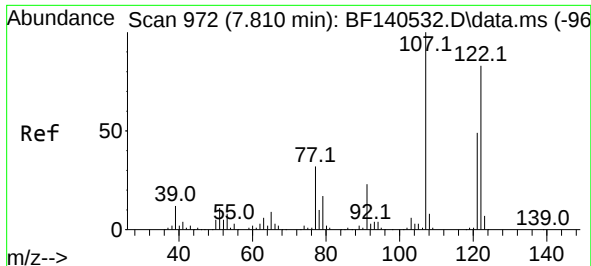
Delta R.T. -0.006 min

Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

Tgt Ion:139 Resp: 125577
 Ion Ratio Lower Upper
 139 100
 109 33.6 28.0 42.0
 65 52.1 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 63.736 ng m
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Instrument :

BNA_F

ClientSampleId :

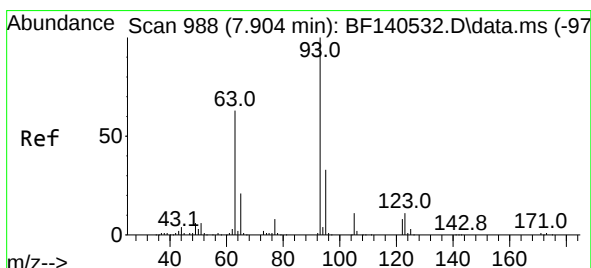
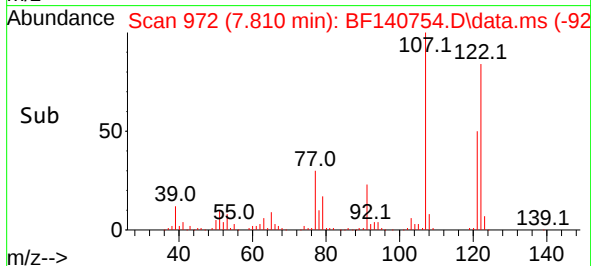
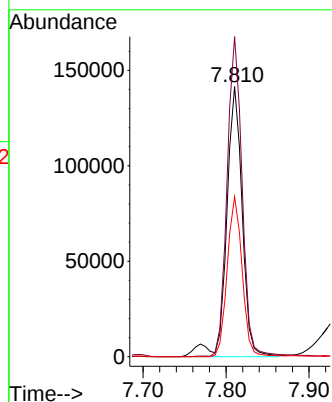
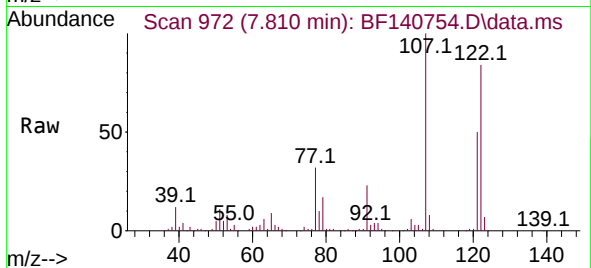
MH-AMSD

Tgt Ion:122 Resp: 185500
Ion Ratio Lower Upper
122 100
107 118.5 96.8 145.2
121 59.2 47.4 71.0

Manual Integrations

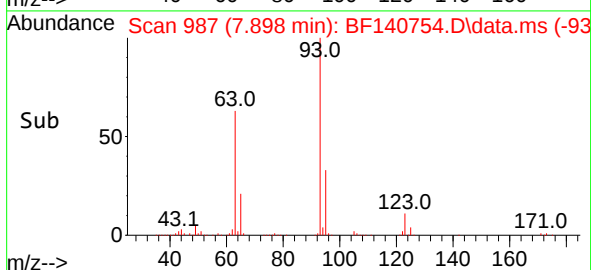
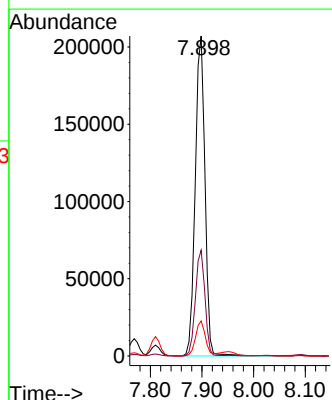
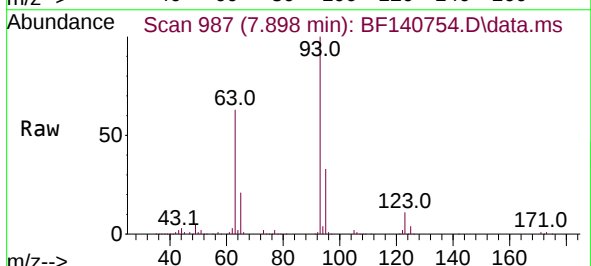
APPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.267 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Tgt Ion: 93 Resp: 271268
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.0 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 51.748 ng
RT: 8.028 min Scan# 1009
Delta R.T. 0.012 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Instrument :

BNA_F

ClientSampleId :

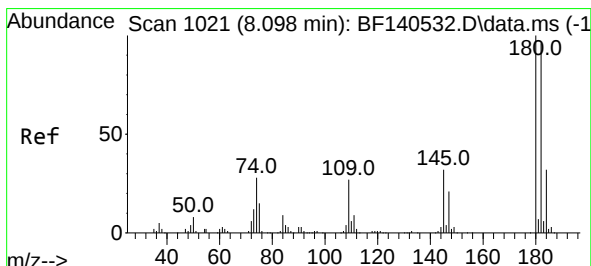
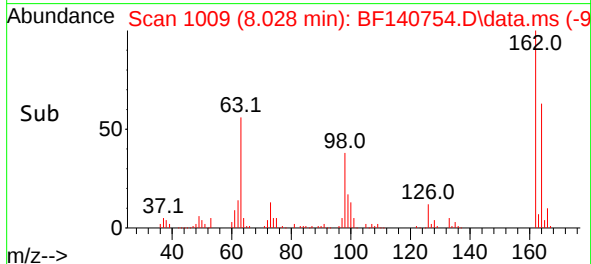
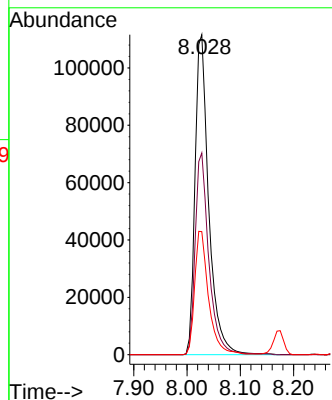
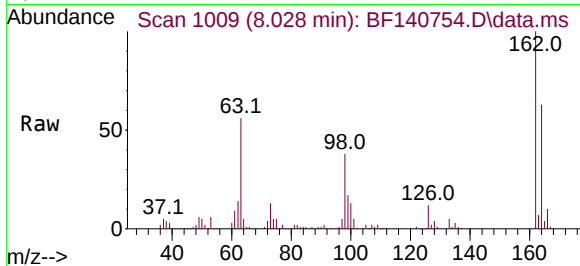
MH-AMSD

Tgt Ion:162 Resp: 19956
Ion Ratio Lower Upper
162 100
164 63.0 44.8 84.8
98 38.4 21.2 61.2

Manual Integrations

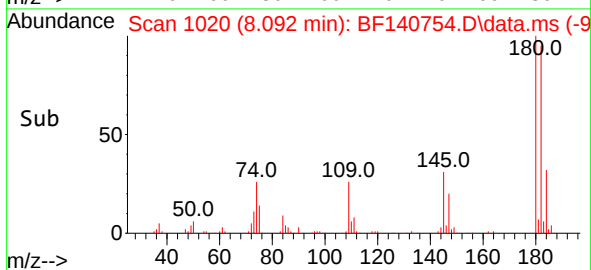
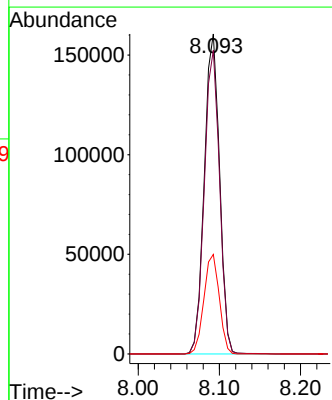
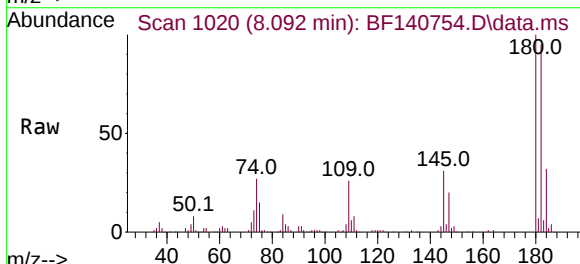
APPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#30
1,2,4-Trichlorobenzene
Concen: 47.555 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

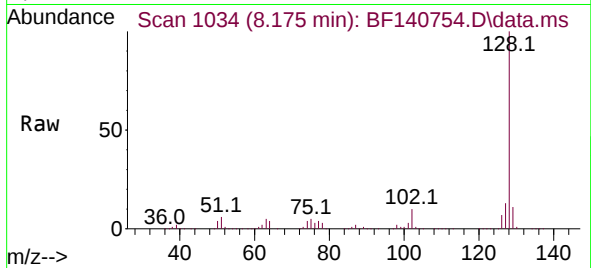
Tgt Ion:180 Resp: 209399
Ion Ratio Lower Upper
180 100
182 94.9 76.4 114.6
145 31.1 25.9 38.9





#31
Naphthalene
Concen: 49.008 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

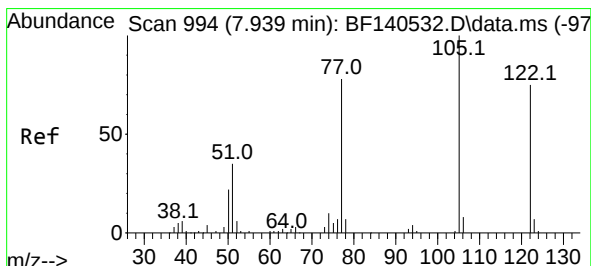
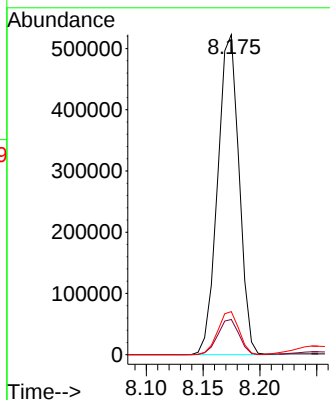
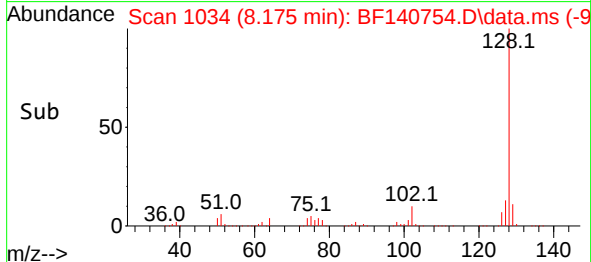
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



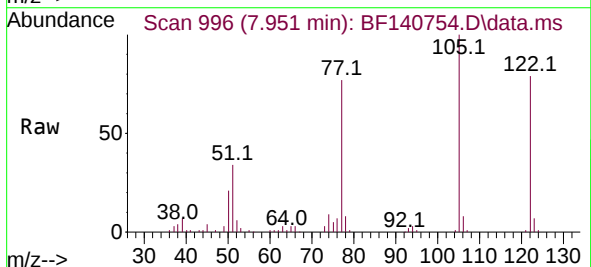
Tgt Ion:128 Resp: 68575
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.5 10.8 16.2

Manual Integrations
APPROVED

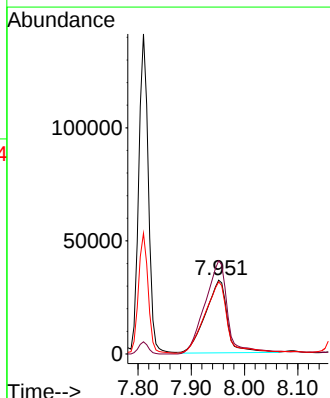
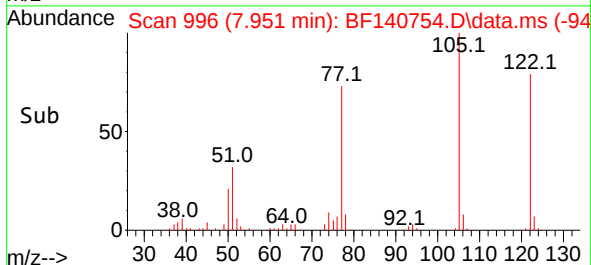
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

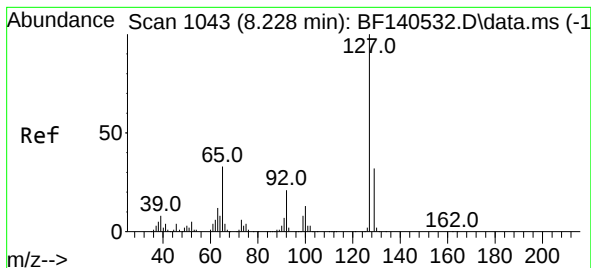


#32
Benzoic acid
Concen: 38.355 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45



Tgt Ion:122 Resp: 92838
Ion Ratio Lower Upper
122 100
105 126.5 109.3 149.3
77 97.9 82.3 122.3





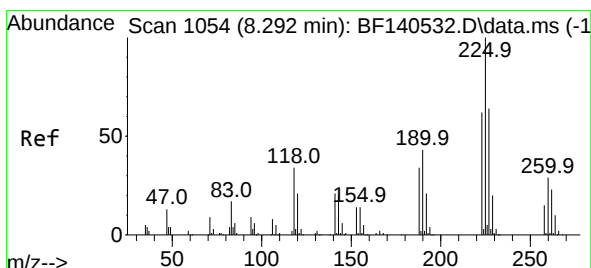
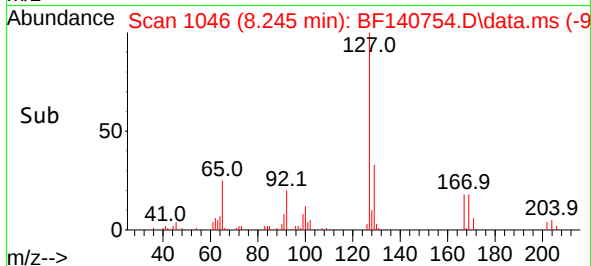
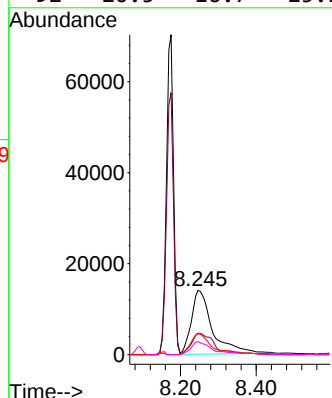
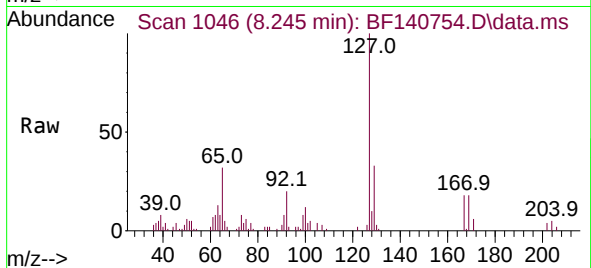
#33
4-Chloroaniline
Concen: 13.070 ng
RT: 8.245 min Scan# 1046
Delta R.T. 0.018 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Instrument :
BNA_F
ClientSampleId :
MH-AMSD

Tgt Ion:	127	Resp:	5475
Ion Ratio	Lower	Upper	
127	100		
129	33.4	26.0	39.0
65	32.4	26.0	39.0
92	20.5	16.7	25.1

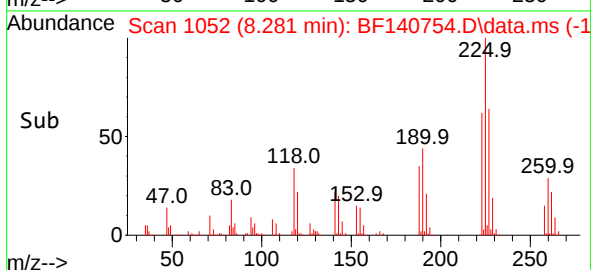
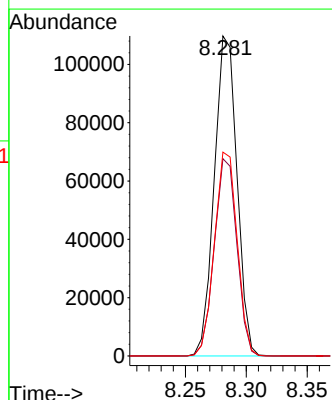
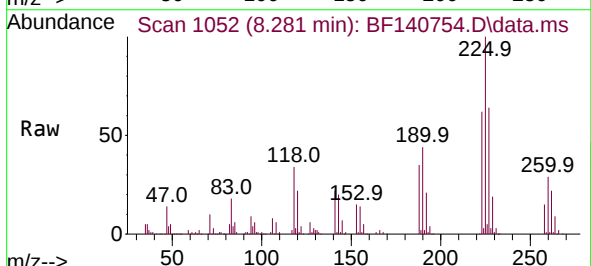
Manual Integrations
APPROVED

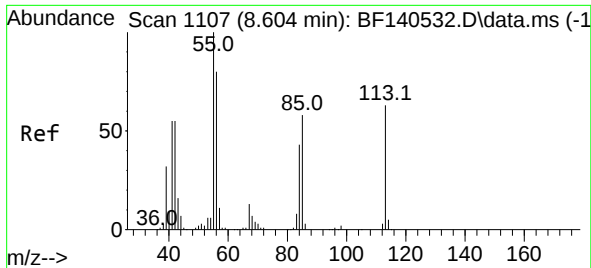
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#34
Hexachlorobutadiene
Concen: 48.797 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

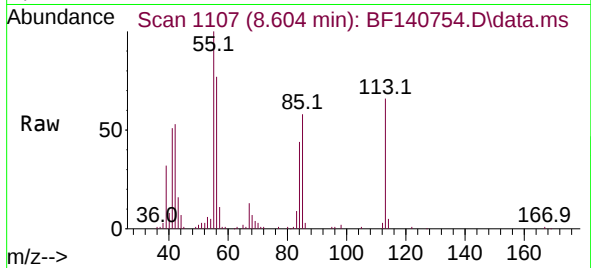
Tgt Ion:	225	Resp:	142320
Ion Ratio	Lower	Upper	
225	100		
223	61.7	49.8	74.8
227	63.7	51.3	76.9





#35
Caprolactam
Concen: 50.212 ng m
RT: 8.604 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

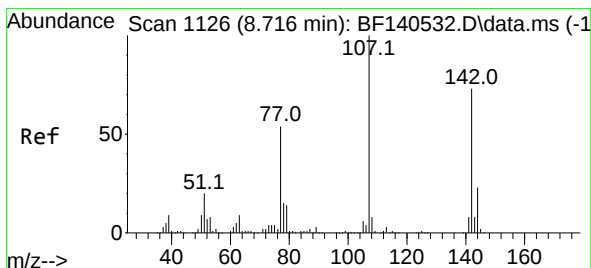
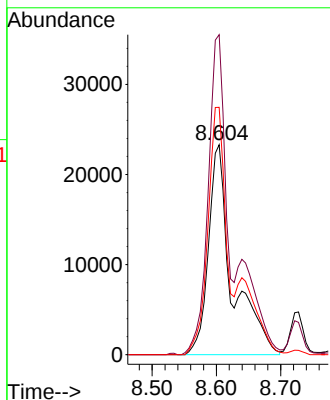
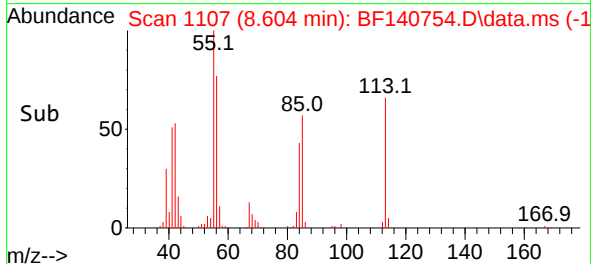
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



Tgt Ion:113 Resp: 5992
Ion Ratio Lower Upper
113 100
55 152.4 137.7 177.7
56 117.8 106.4 146.4

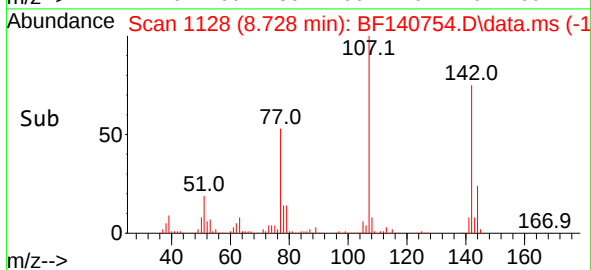
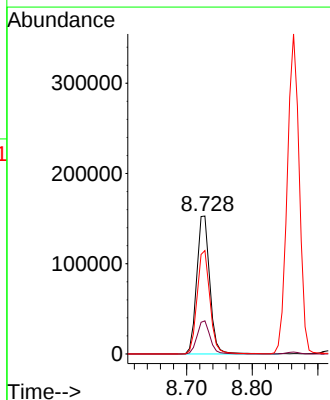
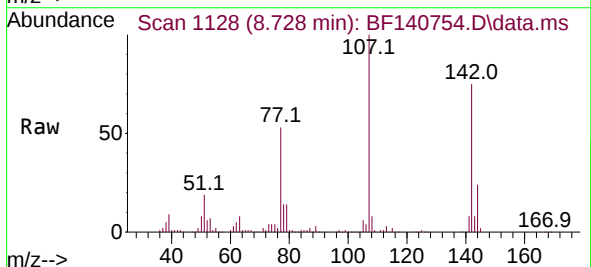
Manual Integrations
APPROVED

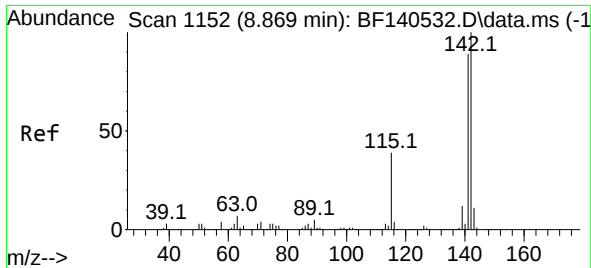
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#36
4-Chloro-3-methylphenol
Concen: 49.244 ng
RT: 8.728 min Scan# 1128
Delta R.T. 0.012 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Tgt Ion:107 Resp: 212633
Ion Ratio Lower Upper
107 100
144 24.1 18.7 28.1
142 75.0 58.3 87.5





#37
2-Methylnaphthalene
Concen: 50.696 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Instrument :

BNA_F

ClientSampleId :

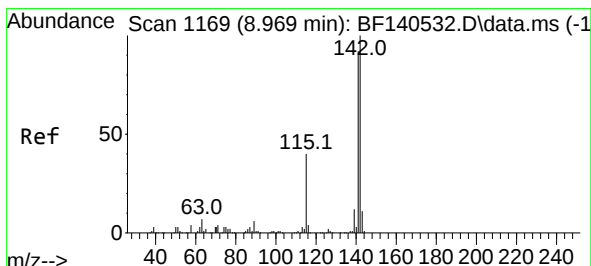
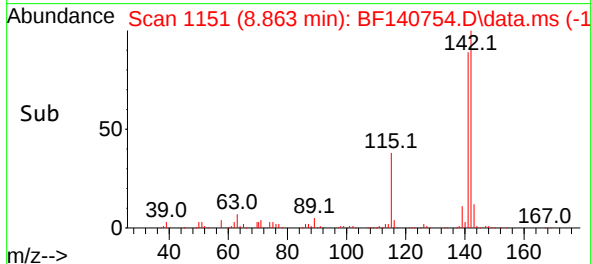
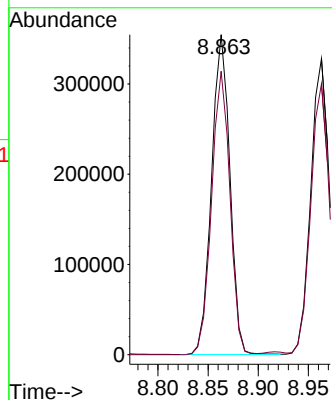
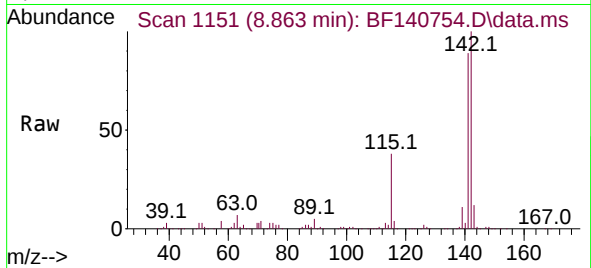
MH-AMSD

Tgt Ion:142 Resp: 450570
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6

Manual Integrations

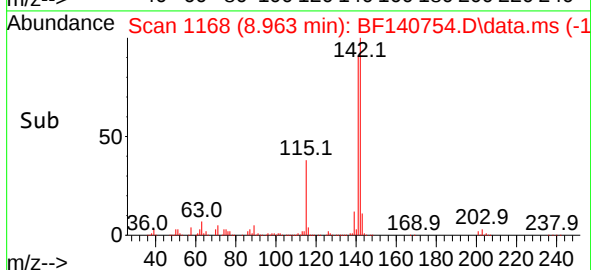
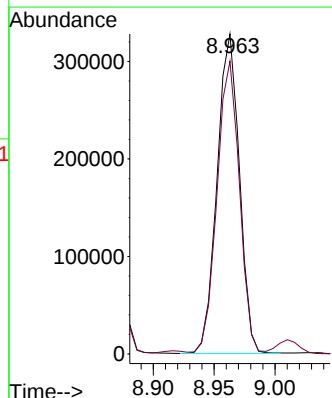
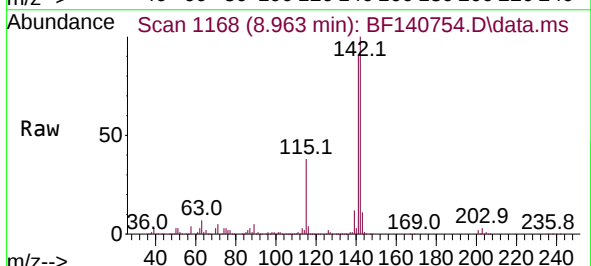
APPROVED

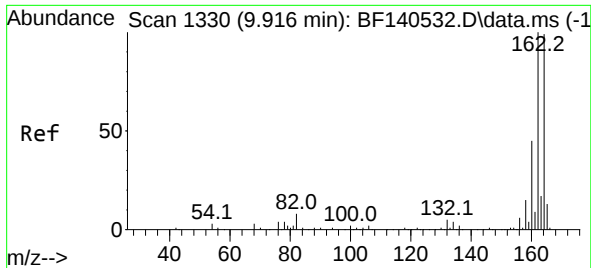
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#38
1-Methylnaphthalene
Concen: 47.991 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Tgt Ion:142 Resp: 418081
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9





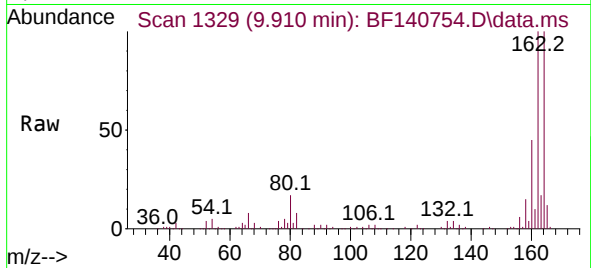
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Instrument :

BNA_F

ClientSampleId :

MH-AMSD



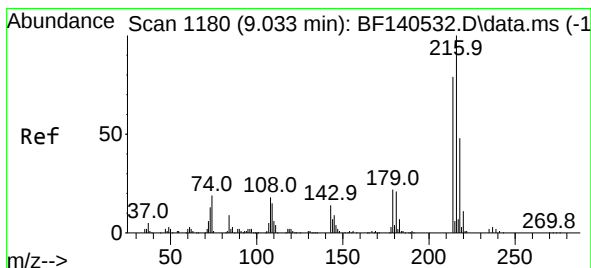
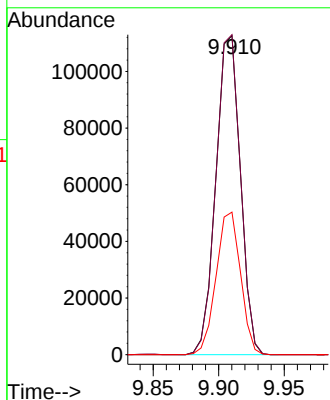
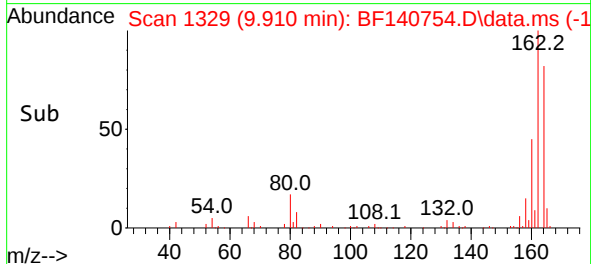
Tgt Ion:164 Resp: 14646
Ion Ratio Lower Upper
164 100
162 100.3 80.6 120.8
160 44.7 36.2 54.4

Manual Integrations

APPROVED

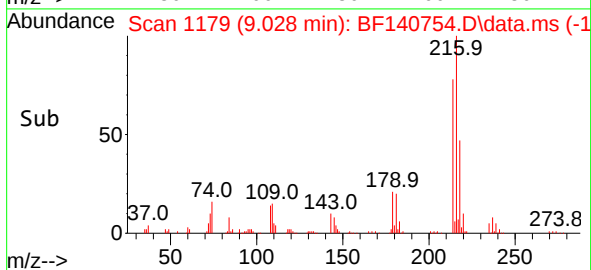
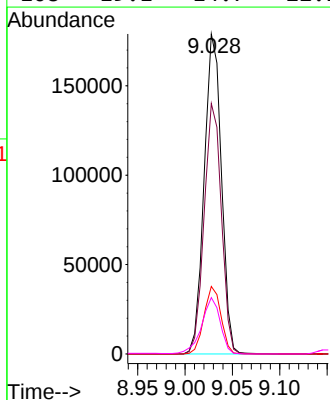
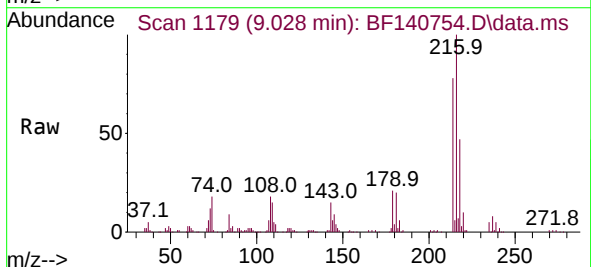
Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.640 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

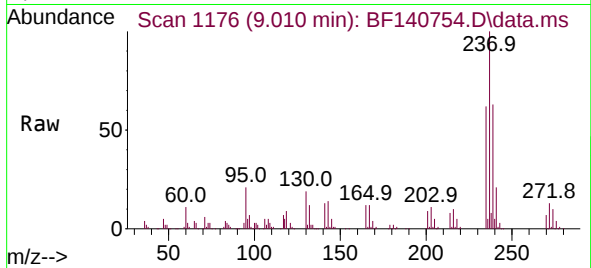
Tgt Ion:216 Resp: 225711
Ion Ratio Lower Upper
216 100
214 78.2 63.0 94.4
179 20.8 17.5 26.3
108 19.1 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 142.031 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

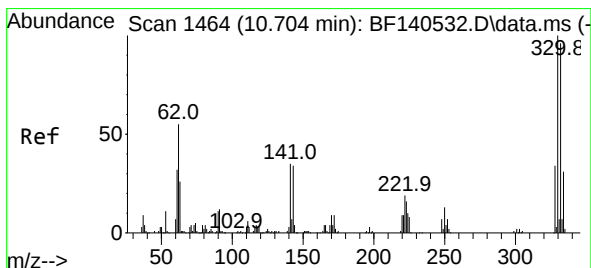
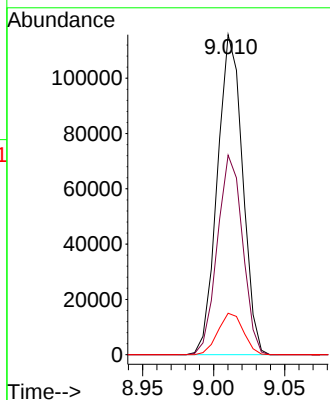
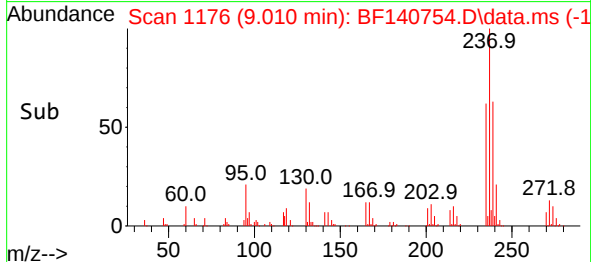
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



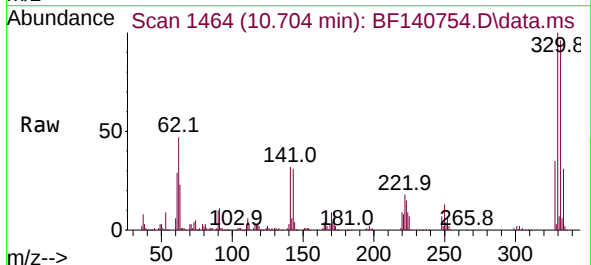
Tgt Ion: 237 Resp: 142880
Ion Ratio Lower Upper
237 100
235 62.4 41.1 81.1
272 12.9 0.0 32.6

Manual Integrations
APPROVED

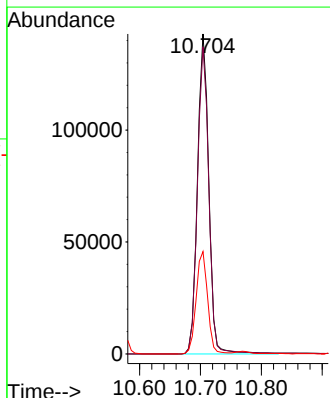
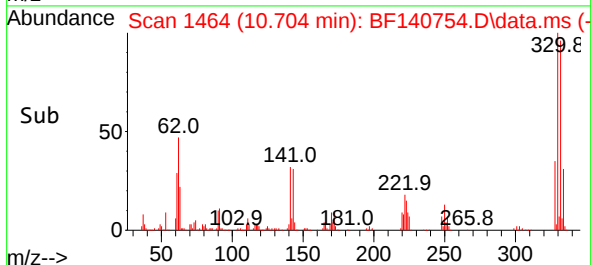
Reviewed By : Yogesh Patel 12/07/2024
Supervised By : mohammad ahmed 12/07/2024

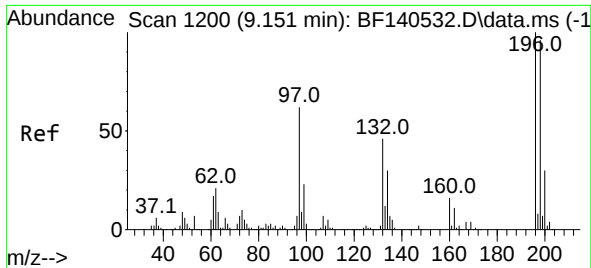


#42
2,4,6-Tribromophenol
Concen: 117.665 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45



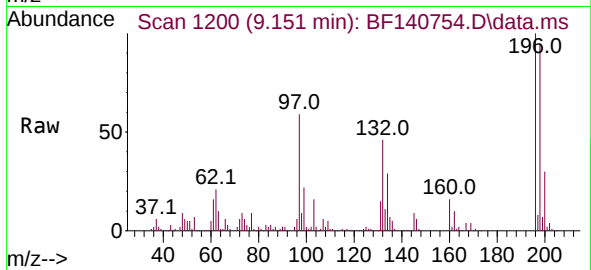
Tgt Ion: 330 Resp: 184319
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 32.4 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 51.364 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

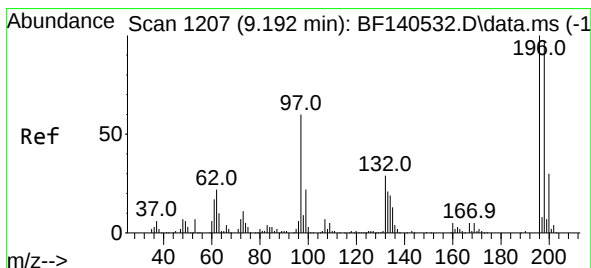
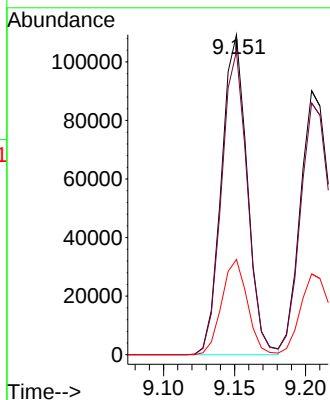
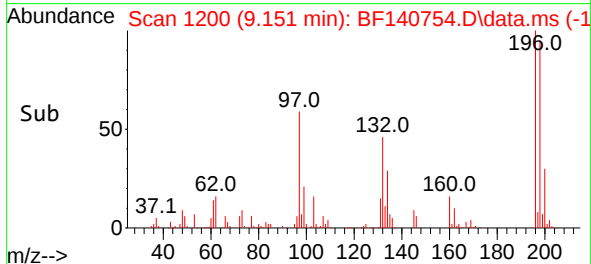
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



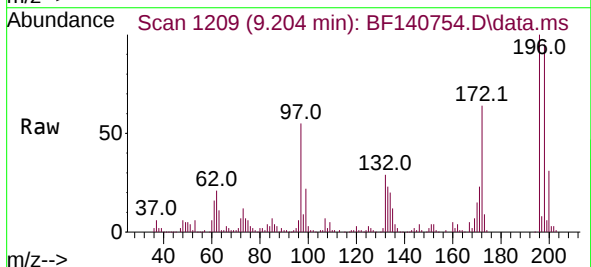
Tgt Ion:196 Resp: 13819
Ion Ratio Lower Upper
196 100
198 94.8 76.8 115.2
200 29.8 24.3 36.5

Manual Integrations
APPROVED

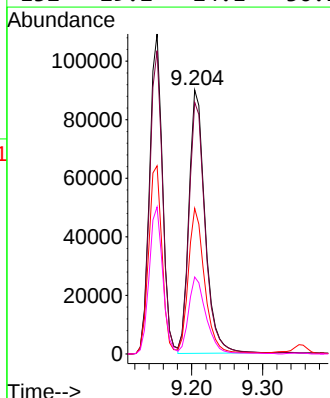
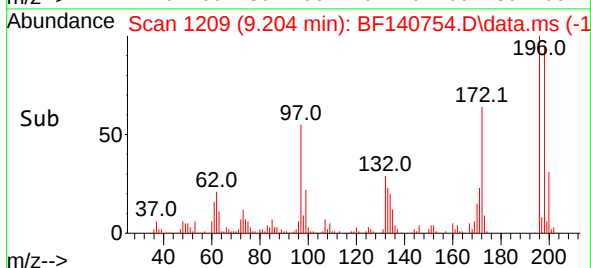
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

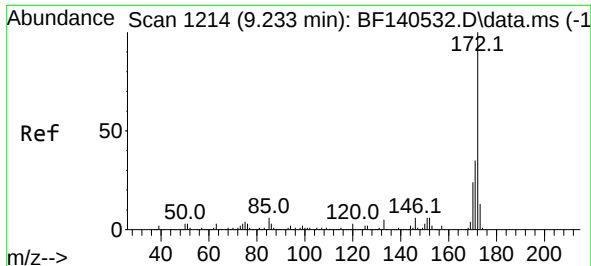


#44
2,4,5-Trichlorophenol
Concen: 48.732 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45



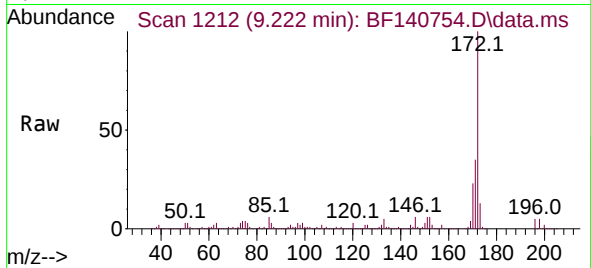
Tgt Ion:196 Resp: 142298
Ion Ratio Lower Upper
196 100
198 95.4 77.2 115.8
97 55.2 47.1 70.7
132 29.2 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 82.096 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

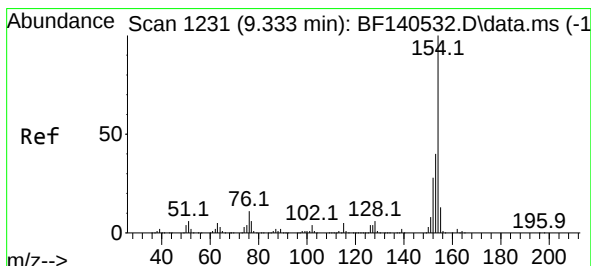
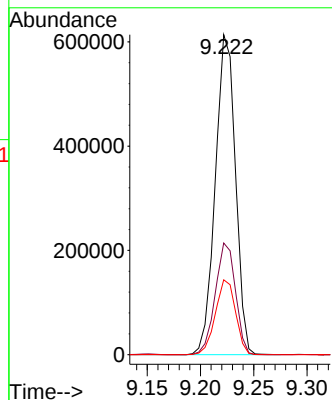
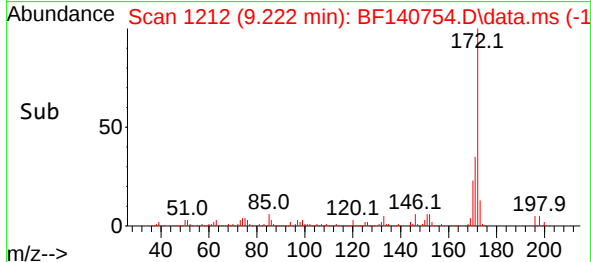
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



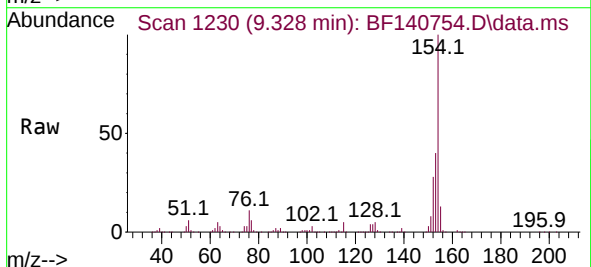
Tgt Ion:172 Resp: 807033
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.4 19.0 28.6

Manual Integrations
APPROVED

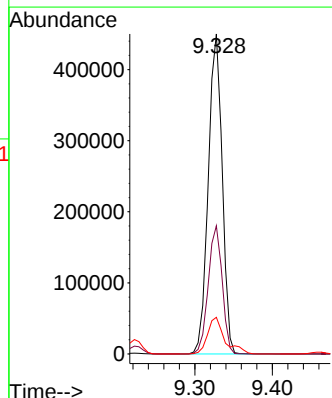
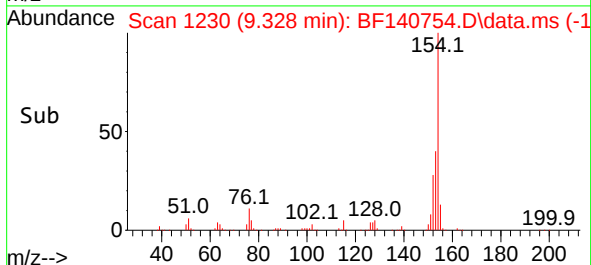
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#46
1,1'-Biphenyl
Concen: 51.360 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45



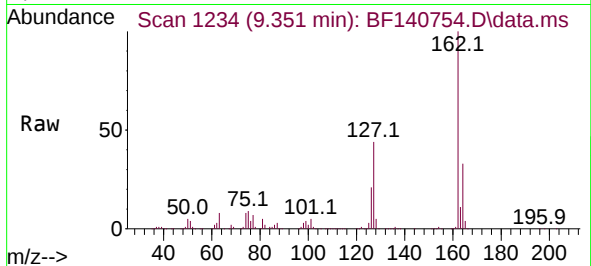
Tgt Ion:154 Resp: 561643
Ion Ratio Lower Upper
154 100
153 40.0 20.4 60.4
76 11.4 0.0 31.2





#47
2-Chloronaphthalene
Concen: 50.365 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

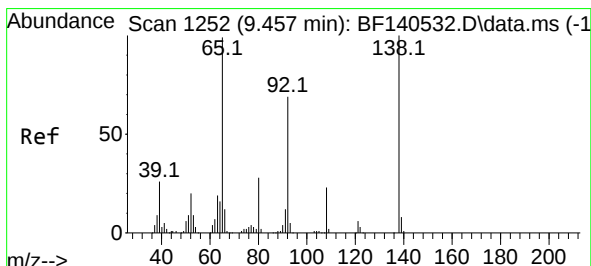
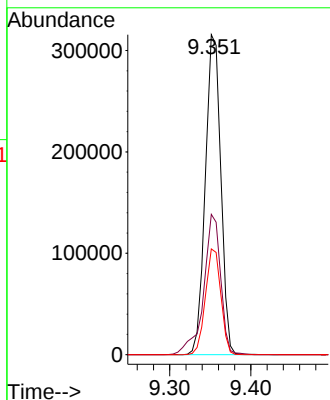
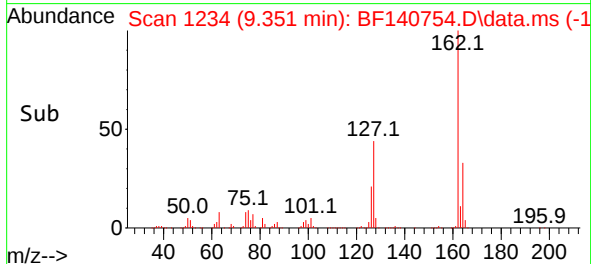
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



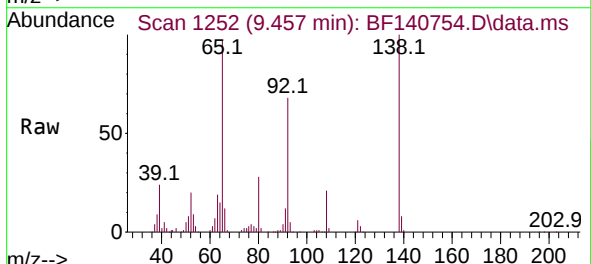
Tgt Ion:162 Resp: 417320
Ion Ratio Lower Upper
162 100
127 43.8 35.7 53.5
164 33.1 26.1 39.1

Manual Integrations
APPROVED

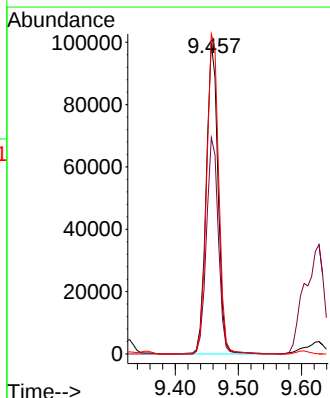
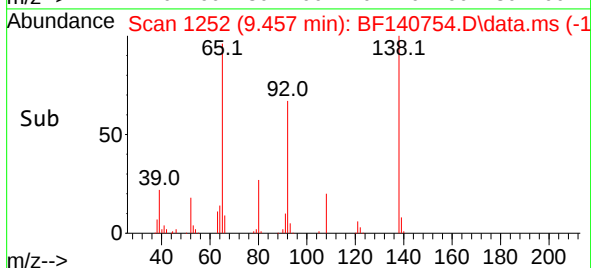
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

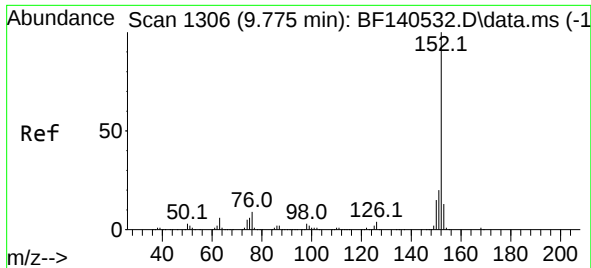


#48
2-Nitroaniline
Concen: 49.157 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45



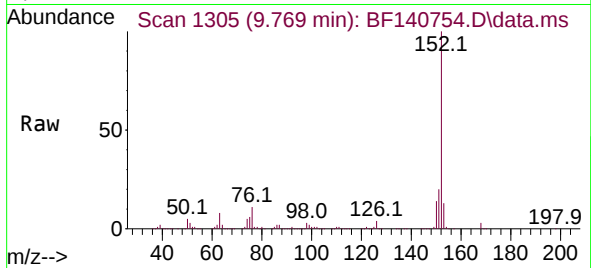
Tgt Ion: 65 Resp: 130740
Ion Ratio Lower Upper
65 100
92 69.6 56.1 84.1
138 103.0 81.0 121.6





#49
Acenaphthylene
Concen: 53.341 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

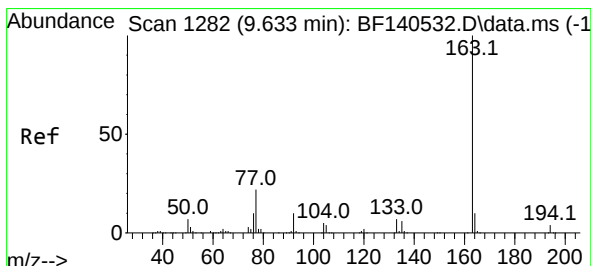
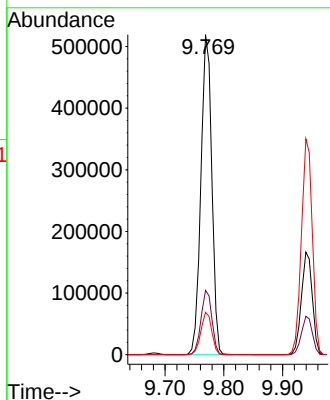
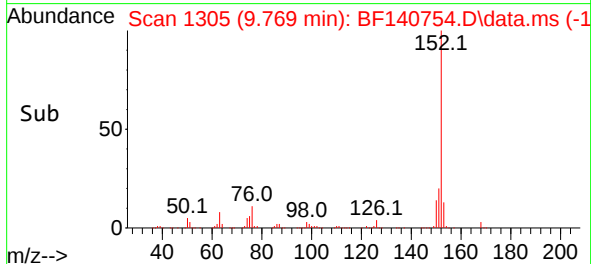
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



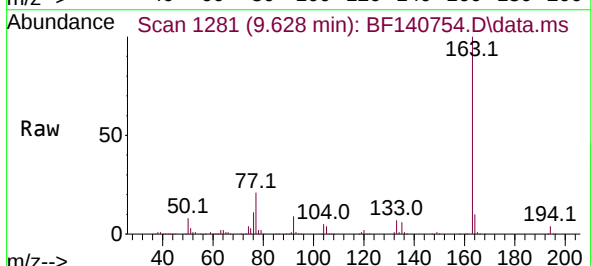
Tgt Ion:152 Resp: 667804
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.3 10.6 16.0

Manual Integrations
APPROVED

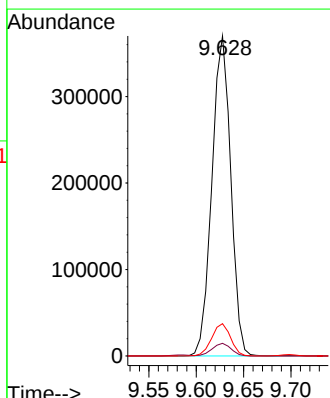
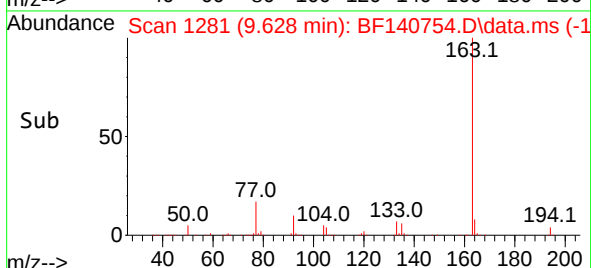
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

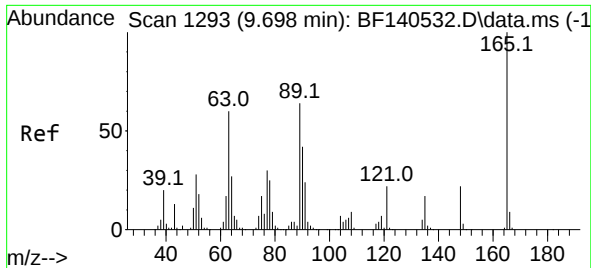


#50
Dimethylphthalate
Concen: 53.052 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45



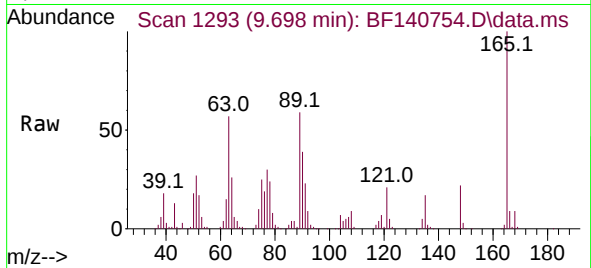
Tgt Ion:163 Resp: 511749
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 48.995 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

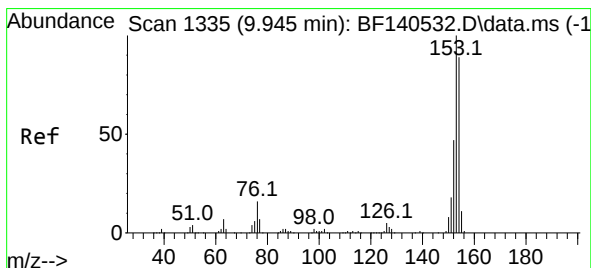
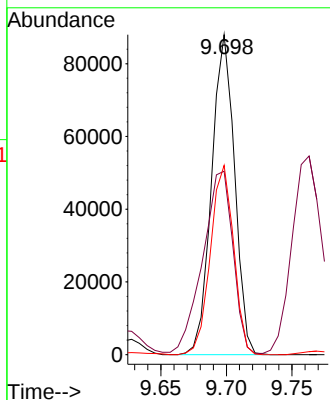
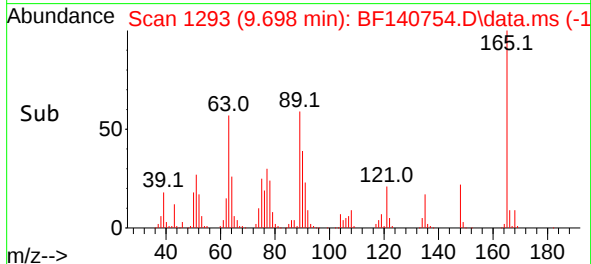
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



Tgt Ion:165 Resp: 107188
Ion Ratio Lower Upper
165 100
63 57.3 49.9 74.9
89 59.1 50.9 76.3

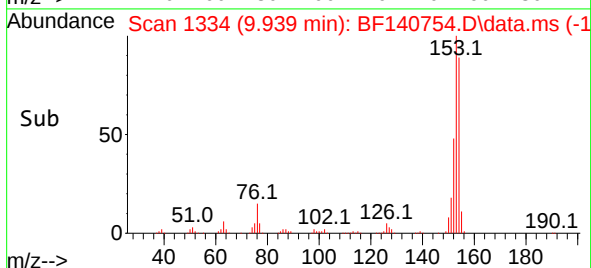
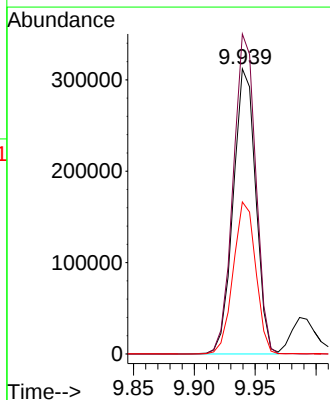
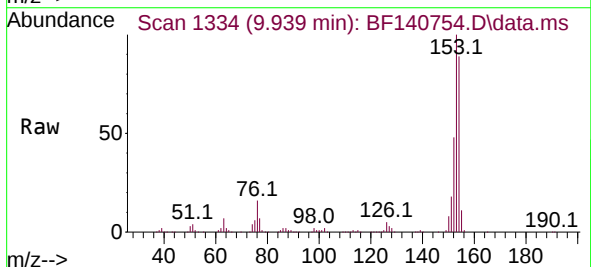
Manual Integrations
APPROVED

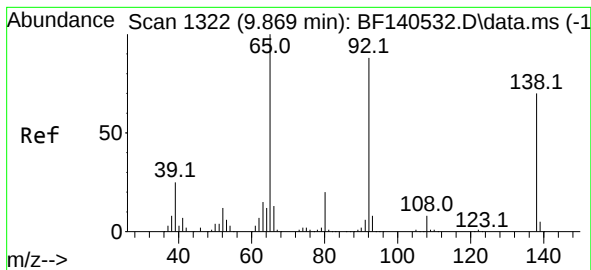
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#52
Acenaphthene
Concen: 50.554 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Tgt Ion:154 Resp: 402147
Ion Ratio Lower Upper
154 100
153 112.2 89.7 134.5
152 53.3 42.5 63.7





#53
3-Nitroaniline
Concen: 31.208 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Instrument :

BNA_F

ClientSampleId :

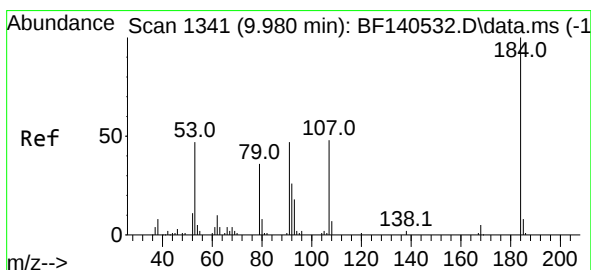
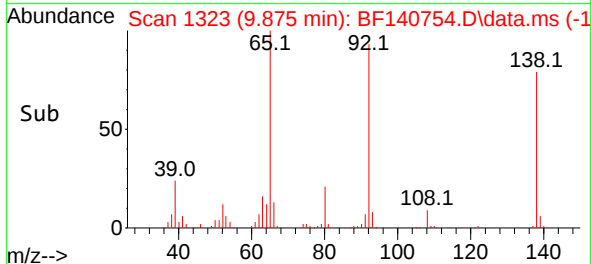
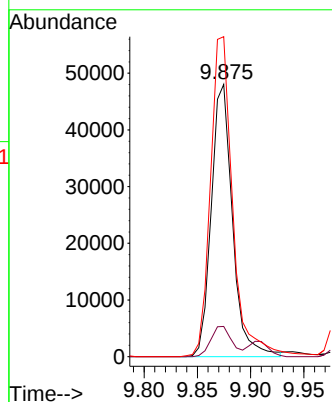
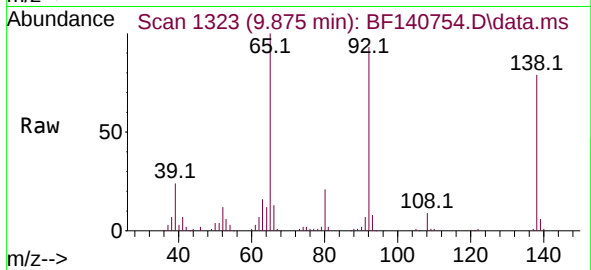
MH-AMSD

Tgt Ion:138 Resp: 66779
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 117.5 100.6 150.8

Manual Integrations

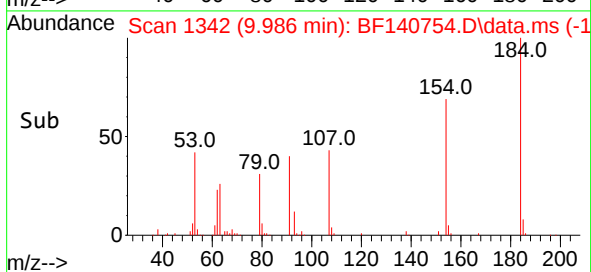
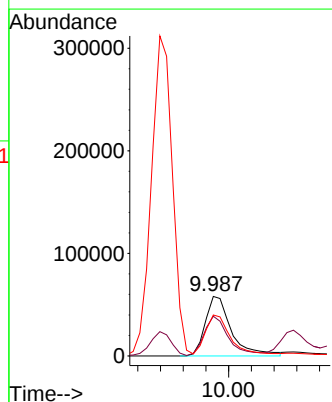
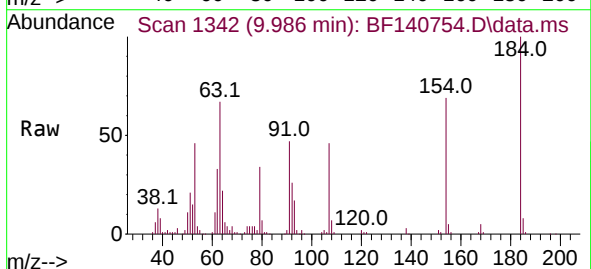
APPROVED

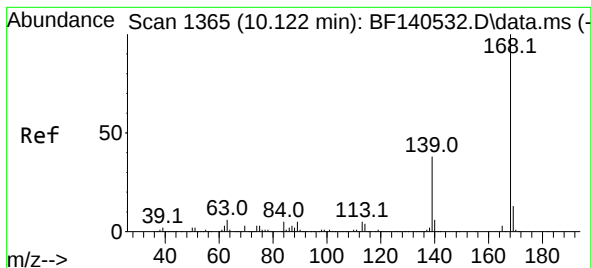
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#54
2,4-Dinitrophenol
Concen: 81.880 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

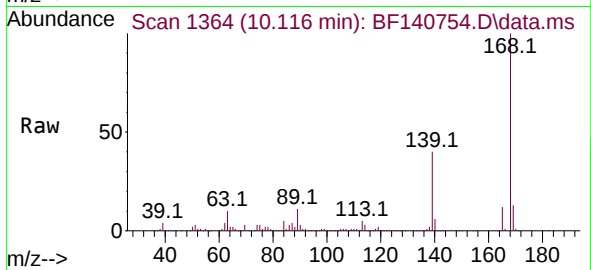
Tgt Ion:184 Resp: 93004
Ion Ratio Lower Upper
184 100
63 66.5 54.1 81.1
154 68.8 57.4 86.0





#55
Dibenzenofuran
Concen: 49.878 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

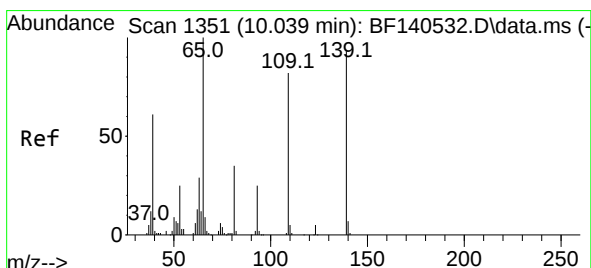
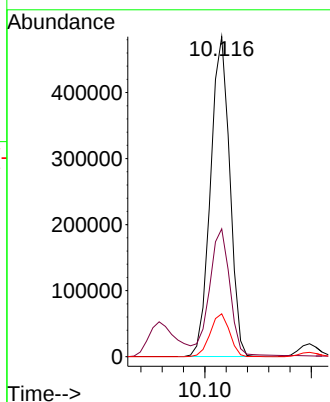
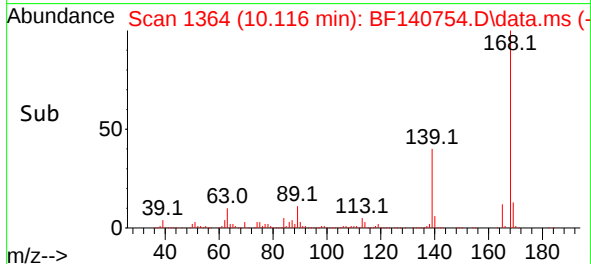
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



Tgt Ion:168 Resp: 60520
Ion Ratio Lower Upper
168 100
139 40.0 31.3 46.9
169 13.4 10.5 15.7

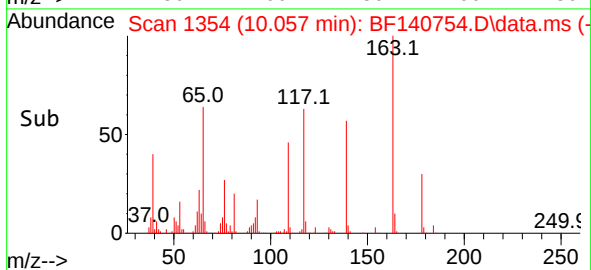
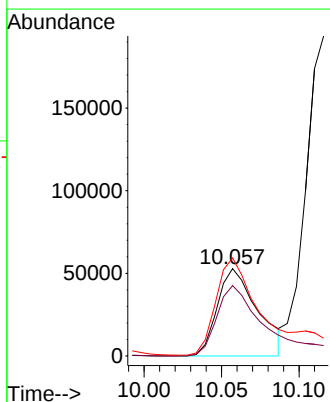
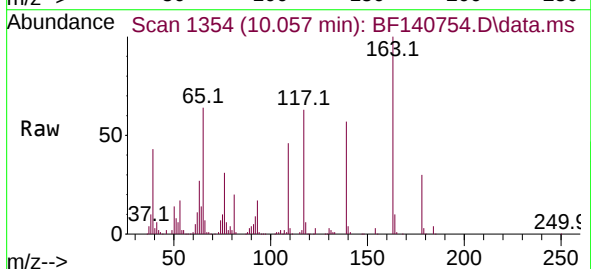
Manual Integrations
APPROVED

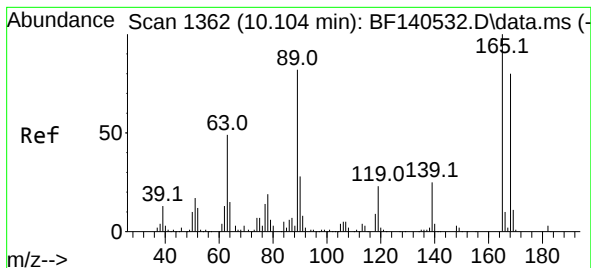
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#56
4-Nitrophenol
Concen: 65.168 ng
RT: 10.057 min Scan# 1354
Delta R.T. 0.018 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

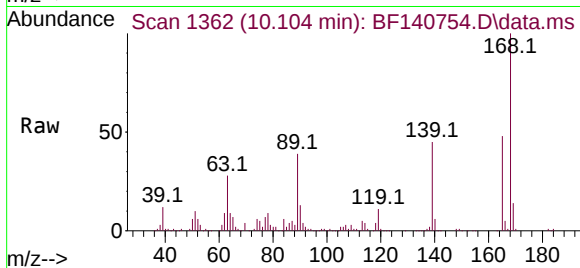
Tgt Ion:139 Resp: 95097
Ion Ratio Lower Upper
139 100
109 80.6 68.4 108.4
65 112.3 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 48.307 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

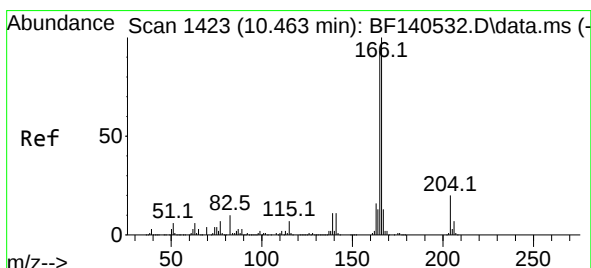
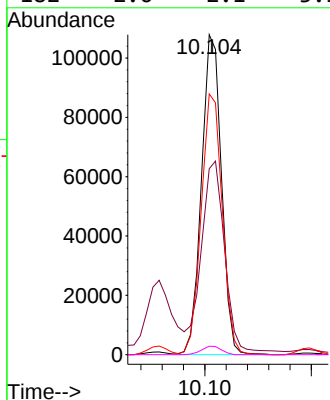
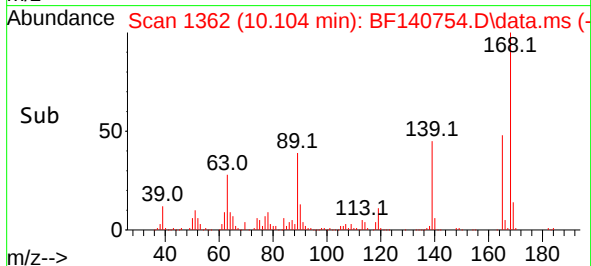
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



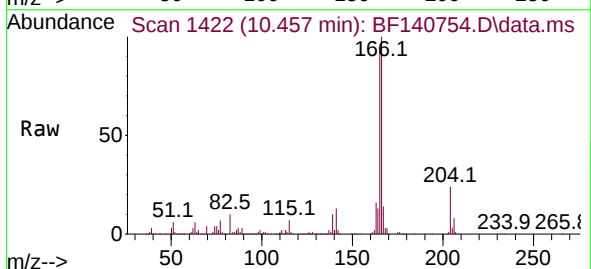
Tgt Ion:165 Resp: 140450
Ion Ratio Lower Upper
165 100
63 58.1 41.7 62.5
89 81.5 65.8 98.8
182 2.6 2.1 3.1

Manual Integrations
APPROVED

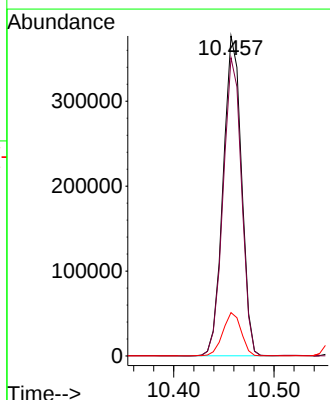
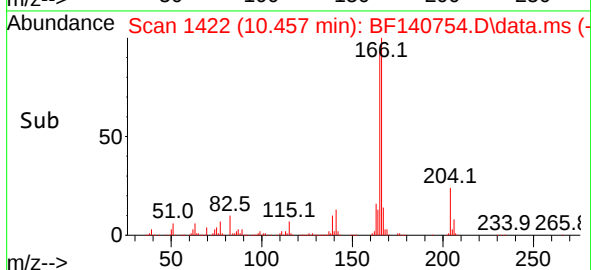
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

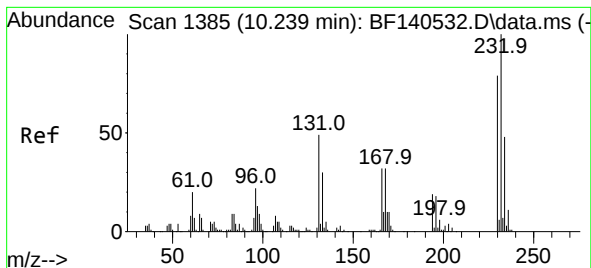


#58
Fluorene
Concen: 49.123 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45



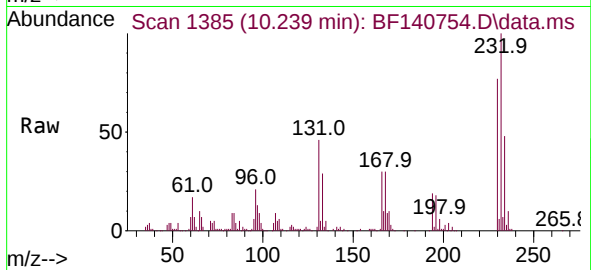
Tgt Ion:166 Resp: 478427
Ion Ratio Lower Upper
166 100
165 93.2 74.6 111.8
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.613 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

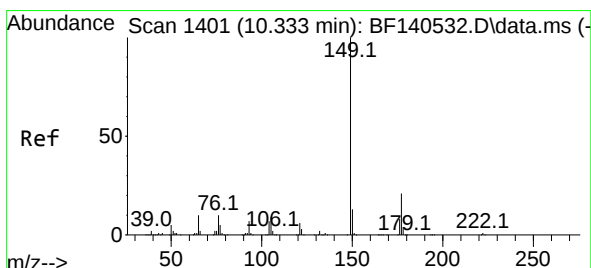
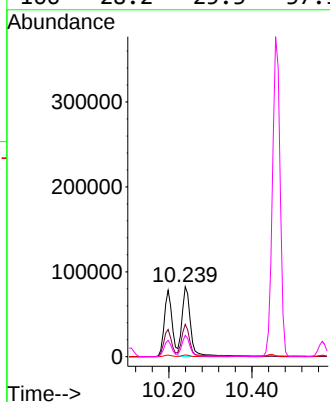
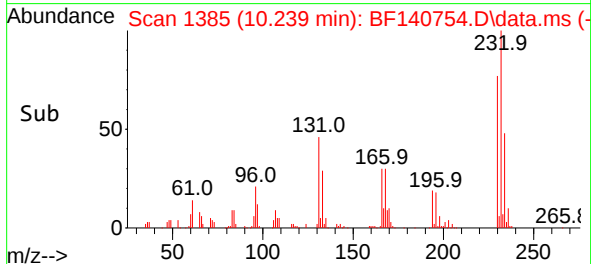
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



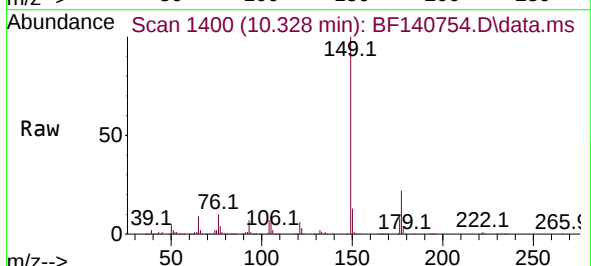
Tgt Ion:232 Resp: 118071
Ion Ratio Lower Upper
232 100
131 44.9 39.6 59.4
130 2.4 1.9 2.9
166 28.2 25.3 37.9

Manual Integrations
APPROVED

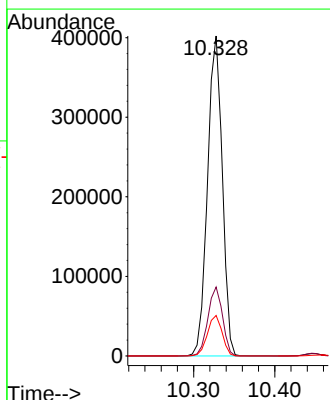
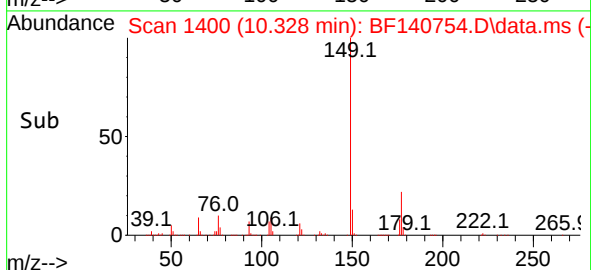
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

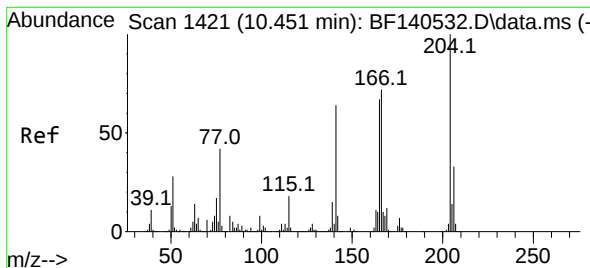


#60
Diethylphthalate
Concen: 51.618 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45



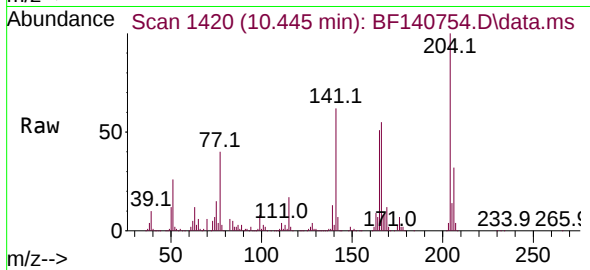
Tgt Ion:149 Resp: 505897
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 51.390 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

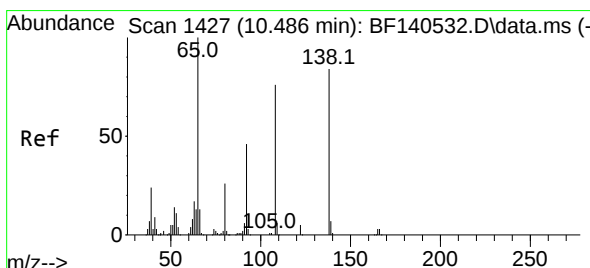
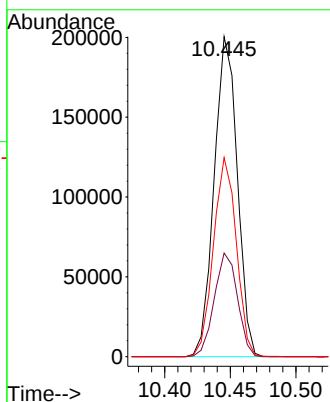
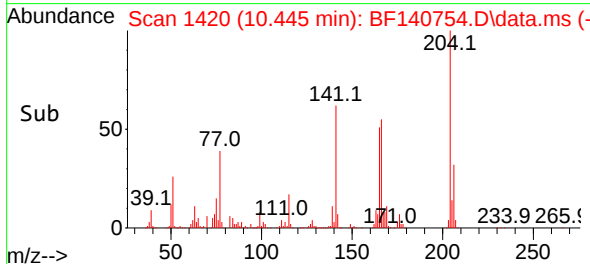
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



Tgt Ion:204 Resp: 245624
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 62.2 51.1 76.7

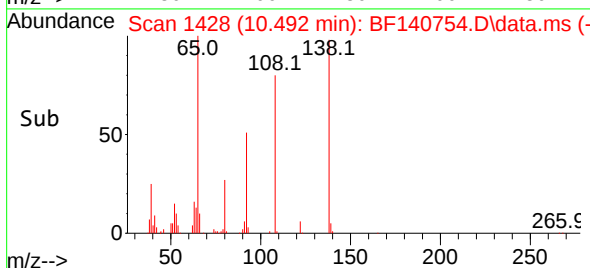
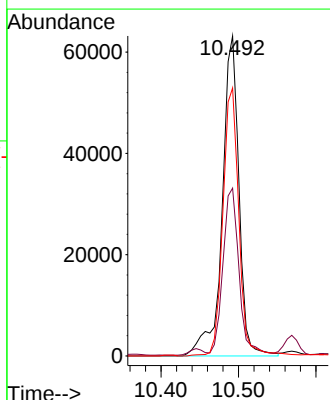
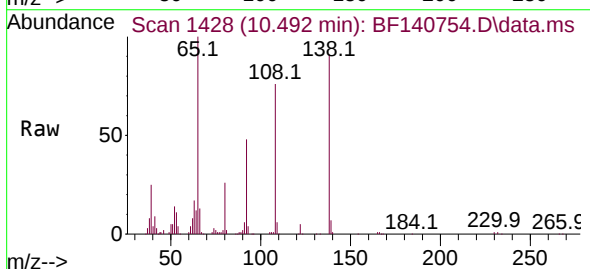
Manual Integrations
APPROVED

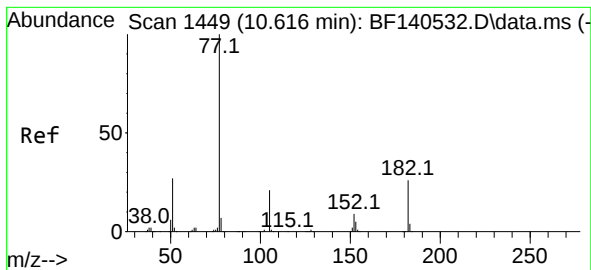
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#62
4-Nitroaniline
Concen: 42.283 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

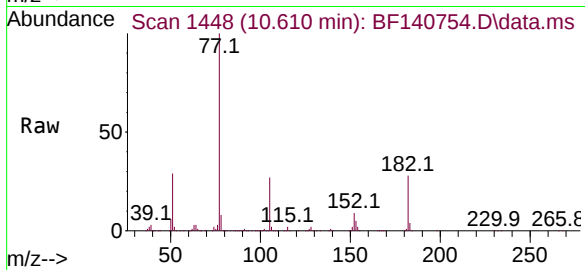
Tgt Ion:138 Resp: 94888
Ion Ratio Lower Upper
138 100
92 52.5 34.5 74.5
108 83.8 70.6 110.6





#63
Azobenzene
Concen: 57.734 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

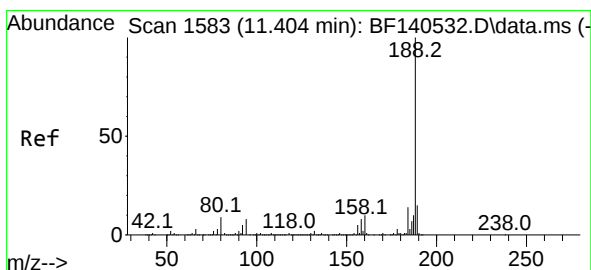
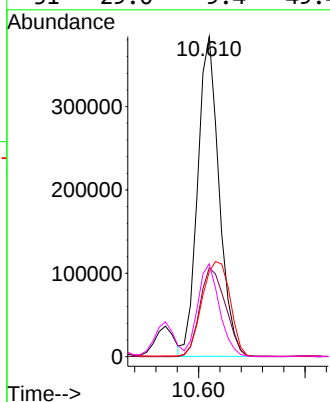
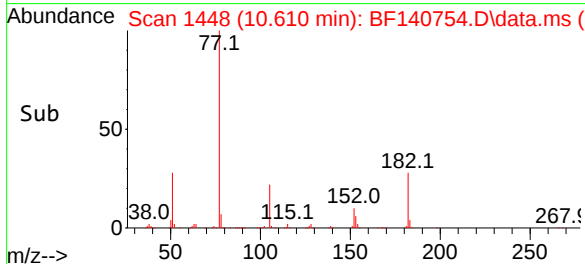
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



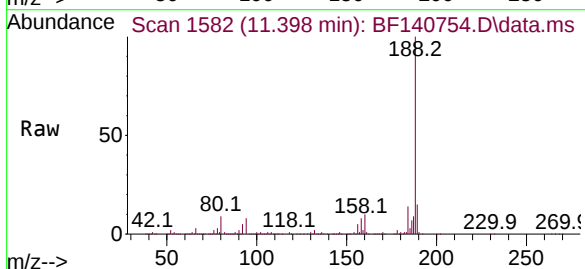
Tgt Ion: 77 Resp: 535840
Ion Ratio Lower Upper
77 100
182 27.7 5.3 45.3
105 26.6 0.3 40.3
51 29.0 9.4 49.4

Manual Integrations
APPROVED

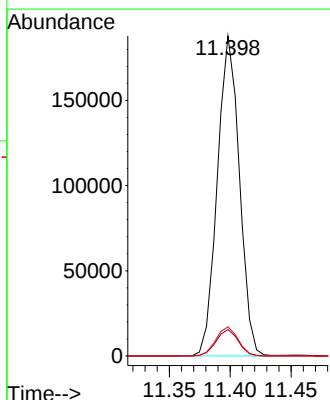
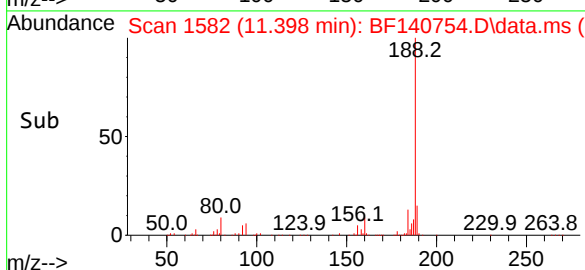
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45



Tgt Ion:188 Resp: 237103
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.1 6.9 10.3





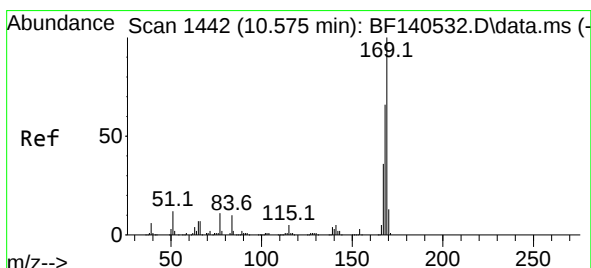
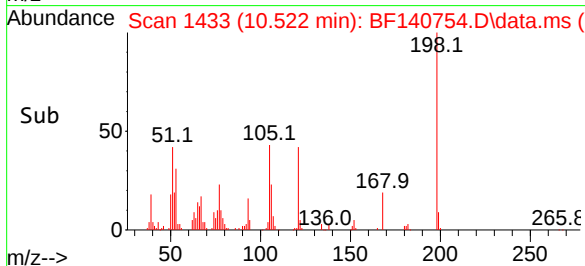
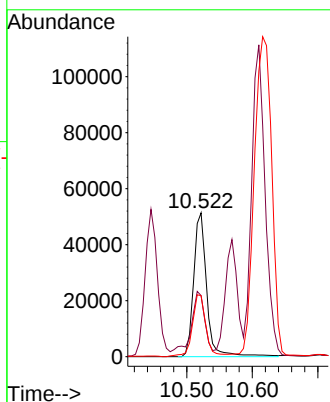
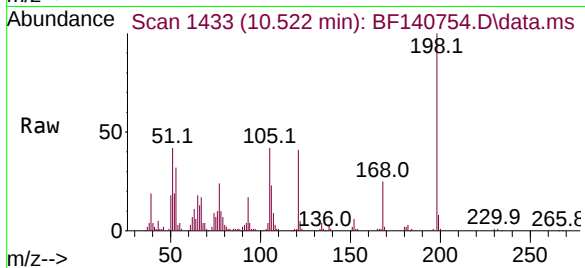
#65
4,6-Dinitro-2-methylphenol
Concen: 58.754 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Instrument :
BNA_F
ClientSampleId :
MH-AMSD

Tgt Ion:198 Resp: 7118
Ion Ratio Lower Upper
198 100
51 42.5 29.4 69.4
105 42.4 25.4 65.4

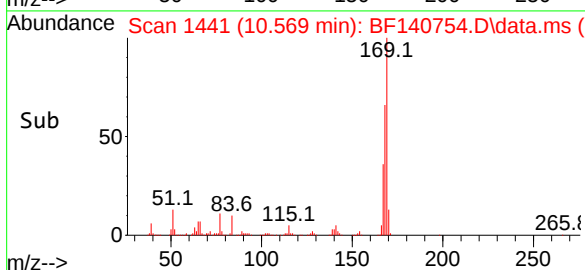
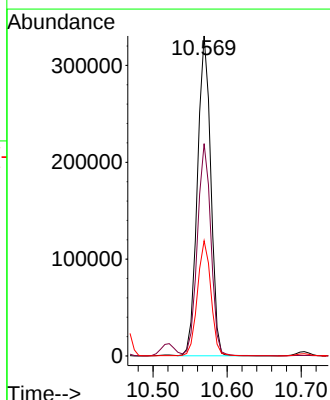
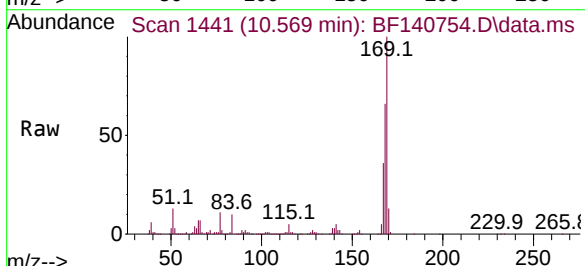
Manual Integrations
APPROVED

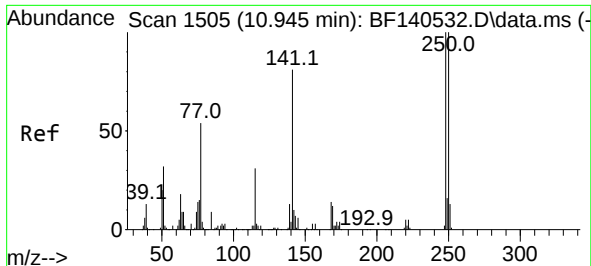
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#66
n-Nitrosodiphenylamine
Concen: 58.716 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

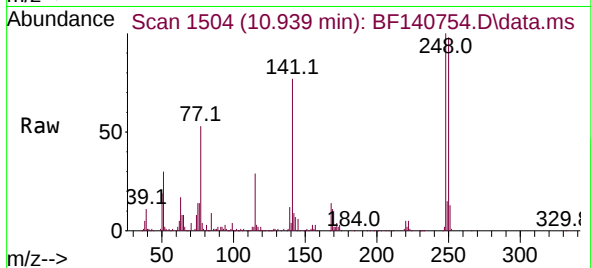
Tgt Ion:169 Resp: 411705
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 57.692 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

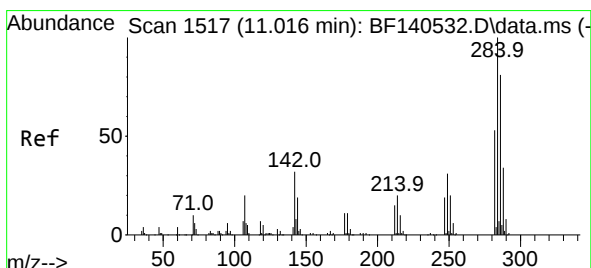
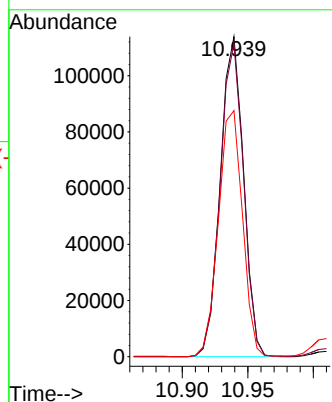
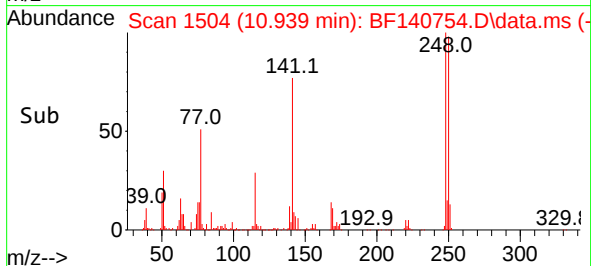
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



Tgt Ion:248 Resp: 140872
Ion Ratio Lower Upper
248 100
250 97.9 79.8 119.8
141 76.9 64.7 97.1

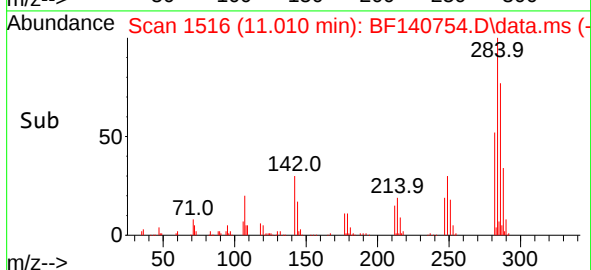
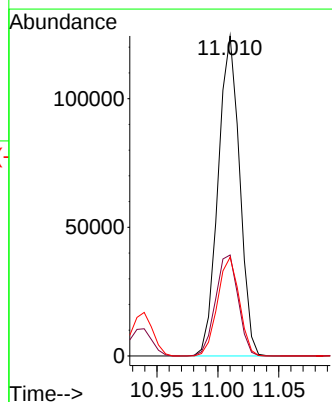
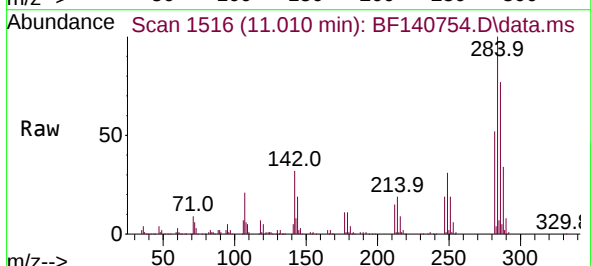
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#68
Hexachlorobenzene
Concen: 54.067 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Tgt Ion:284 Resp: 152867
Ion Ratio Lower Upper
284 100
142 31.6 25.3 37.9
249 30.8 24.8 37.2





#69

Atrazine

Concen: 62.309 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

Instrument :

BNA_F

ClientSampleId :

MH-AMSD

Tgt Ion:200 Resp: 12290

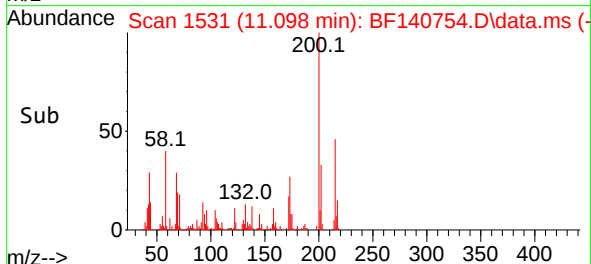
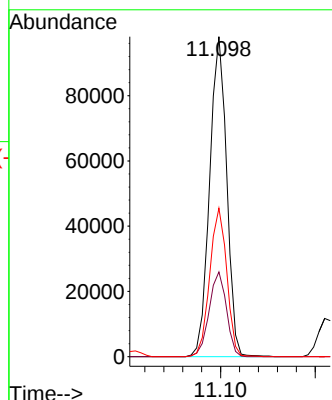
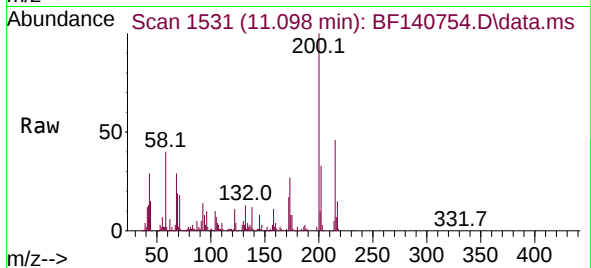
Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.0	47.0
215	46.4	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#70

Pentachlorophenol

Concen: 80.811 ng

RT: 11.216 min Scan# 1551

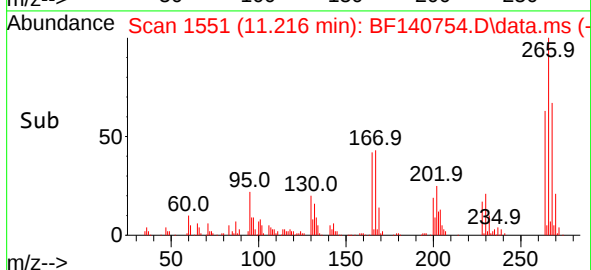
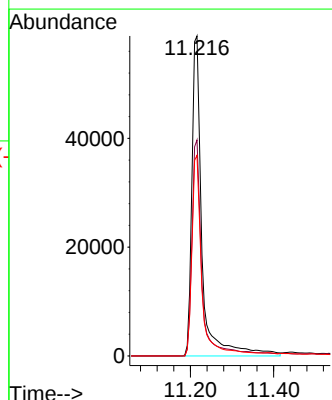
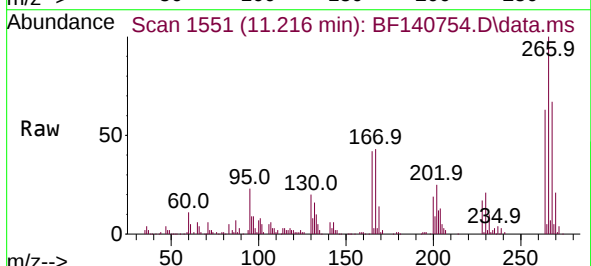
Delta R.T. 0.006 min

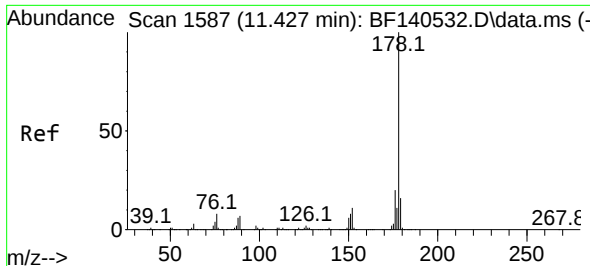
Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

Tgt Ion:266 Resp: 100561

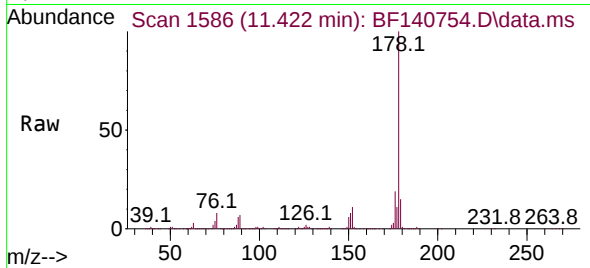
Ion	Ratio	Lower	Upper
266	100		
268	67.5	53.7	80.5
264	62.7	49.8	74.8





#71
Phenanthrene
Concen: 54.837 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

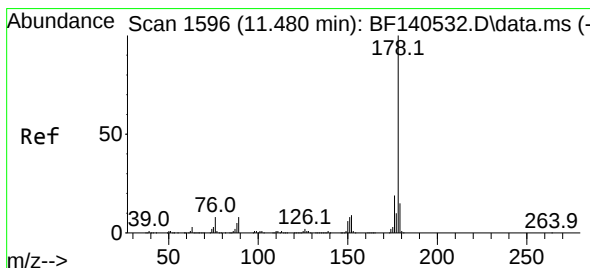
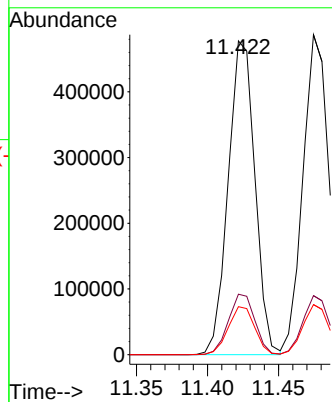
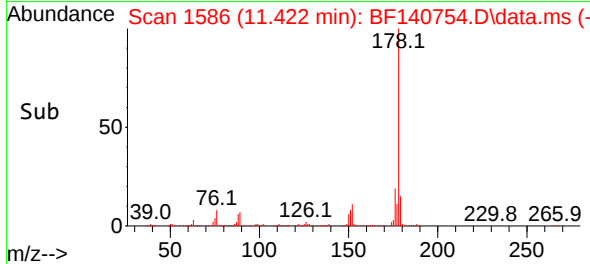
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



Tgt Ion:178 Resp: 62499
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.3 12.4 18.6

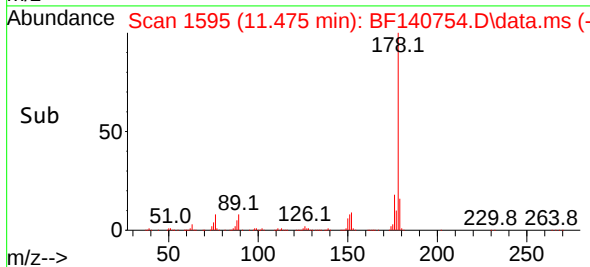
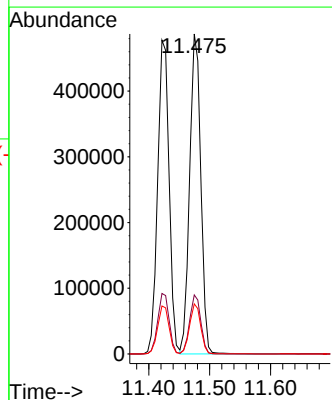
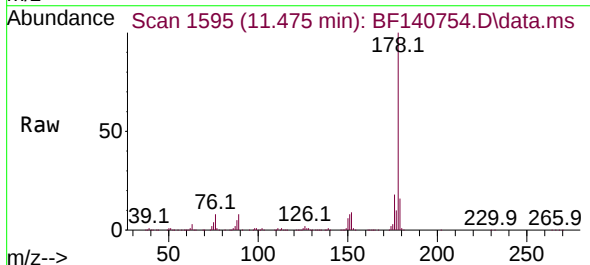
Manual Integrations
APPROVED

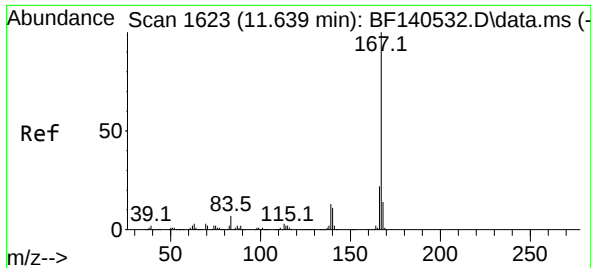
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#72
Anthracene
Concen: 55.580 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Tgt Ion:178 Resp: 619652
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.7 12.2 18.4





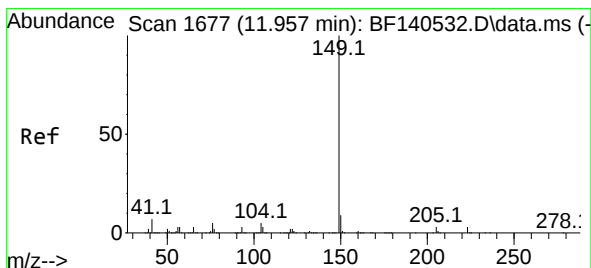
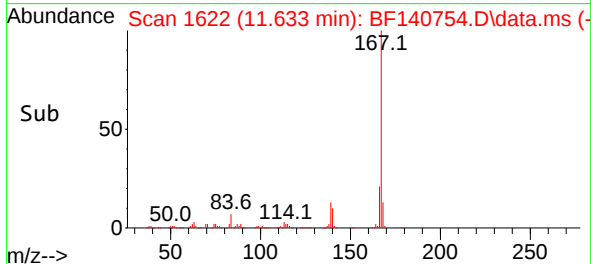
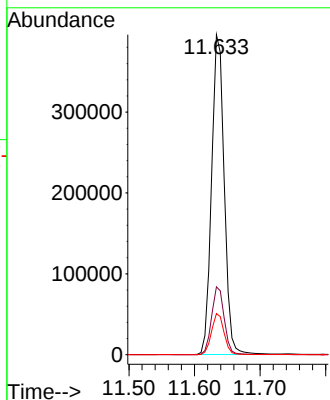
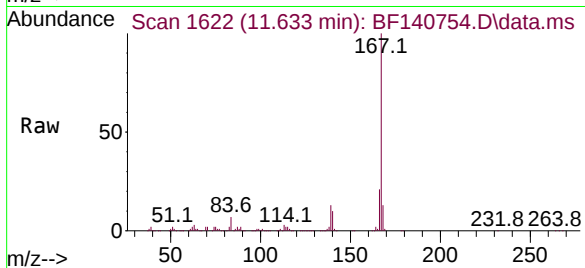
#73
Carbazole
Concen: 49.414 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Instrument :
BNA_F
ClientSampleId :
MH-AMSD

Tgt Ion:167 Resp: 529978
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.8 10.6 15.8

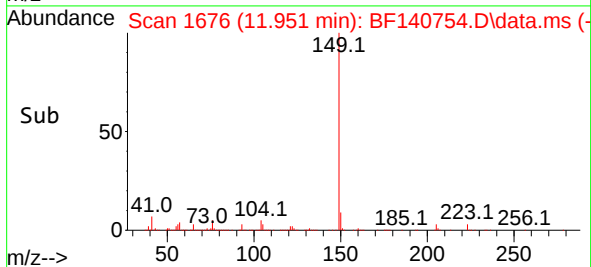
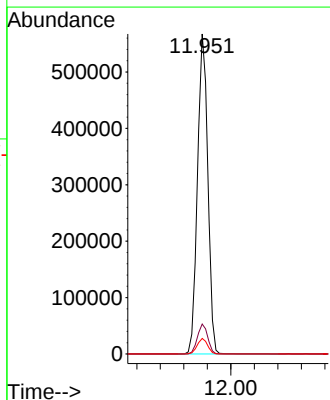
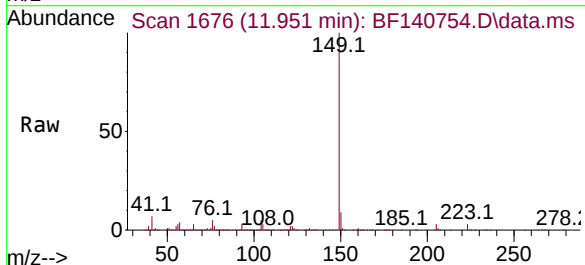
Manual Integrations
APPROVED

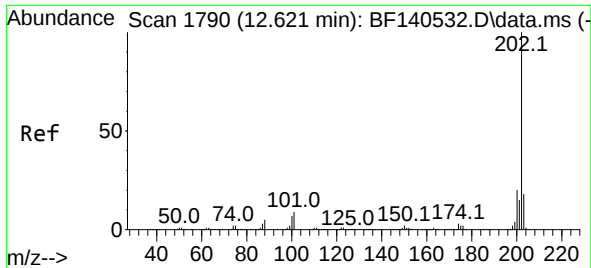
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#74
Di-n-butylphthalate
Concen: 55.847 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

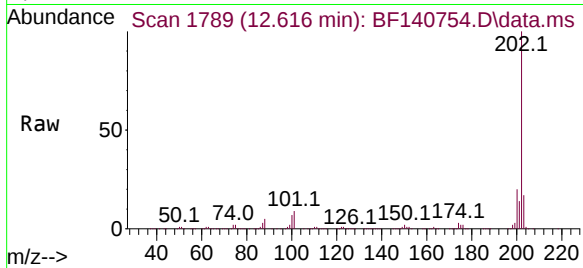
Tgt Ion:149 Resp: 691509
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 47.308 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

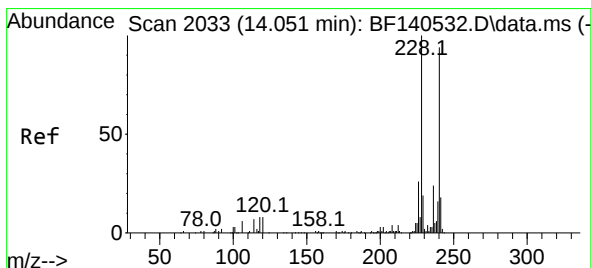
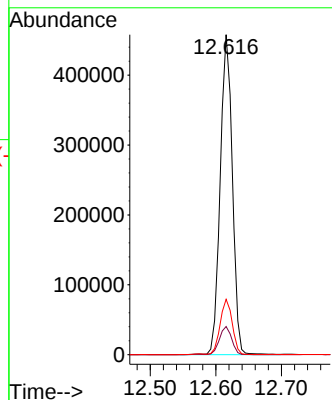
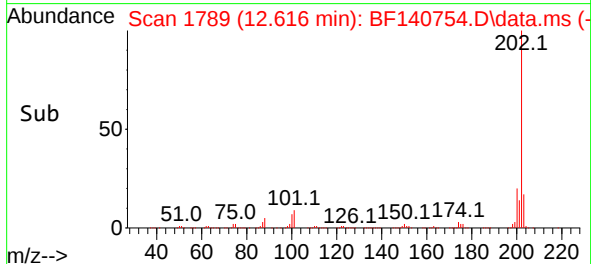
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



Tgt Ion:202 Resp: 585410
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.9
203 17.3 0.0 37.6

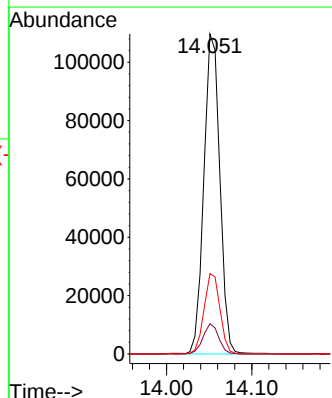
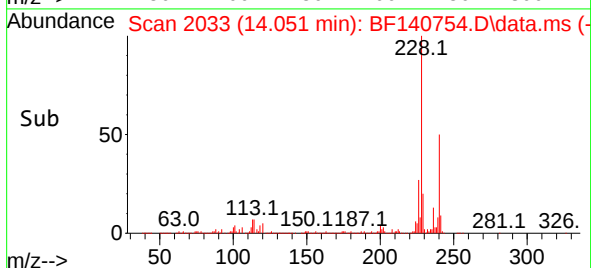
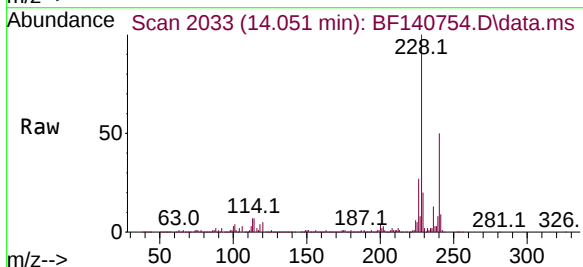
Manual Integrations
APPROVED

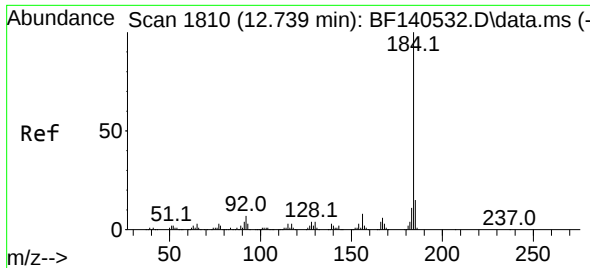
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Tgt Ion:240 Resp: 143094
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.1 20.6 31.0





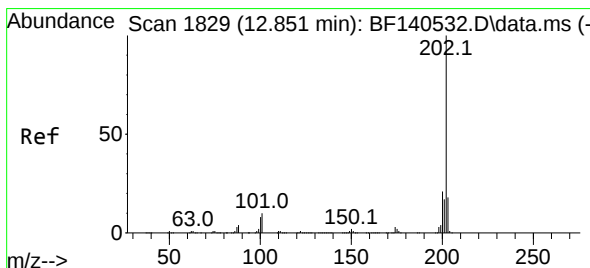
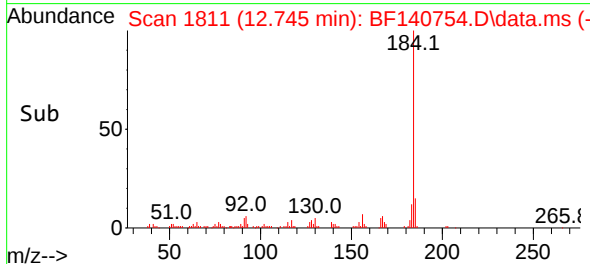
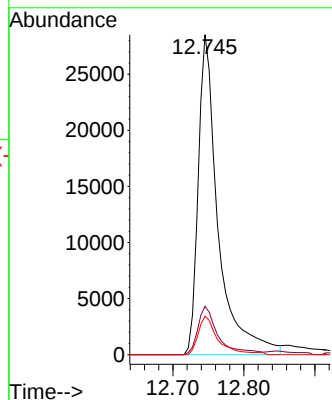
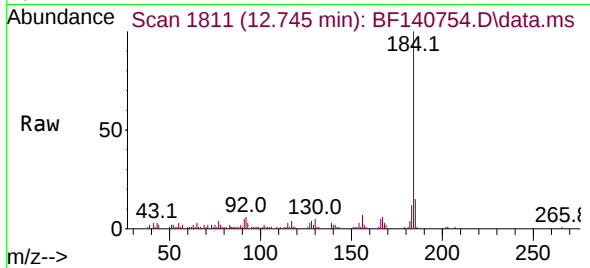
#77
Benzidine
Concen: 13.425 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Instrument :
BNA_F
ClientSampleId :
MH-AMSD

Tgt Ion:184 Resp: 55852
Ion Ratio Lower Upper
184 100
185 15.1 11.7 17.5
183 12.0 8.8 13.2

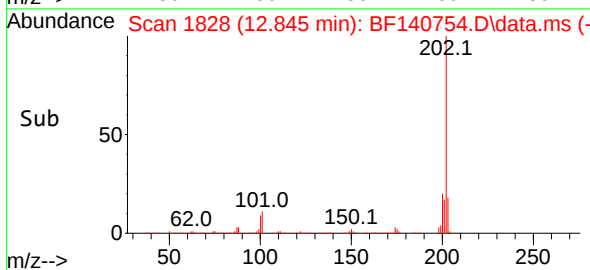
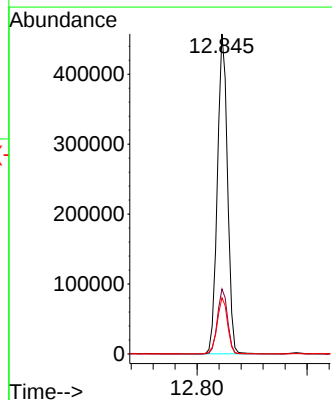
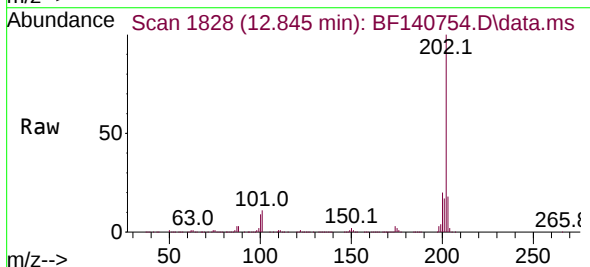
Manual Integrations
APPROVED

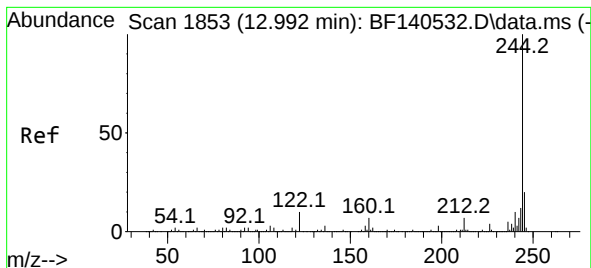
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#78
Pyrene
Concen: 44.197 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Tgt Ion:202 Resp: 584760
Ion Ratio Lower Upper
202 100
200 20.3 16.5 24.7
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 71.105 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

Instrument :

BNA_F

ClientSampleId :

MH-AMSD

Tgt Ion:244 Resp: 65342

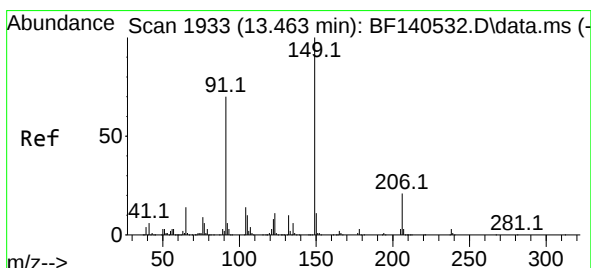
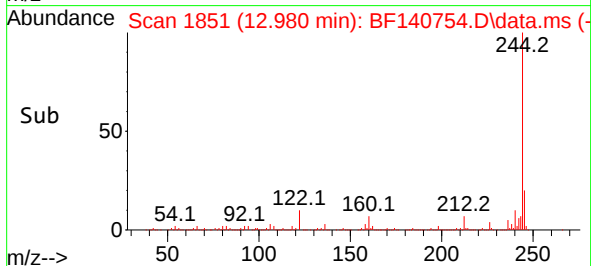
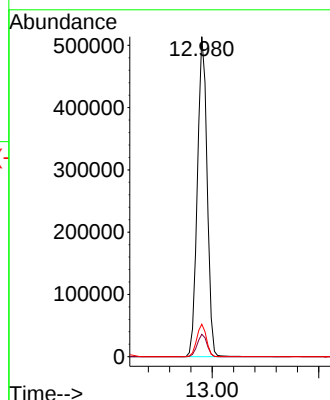
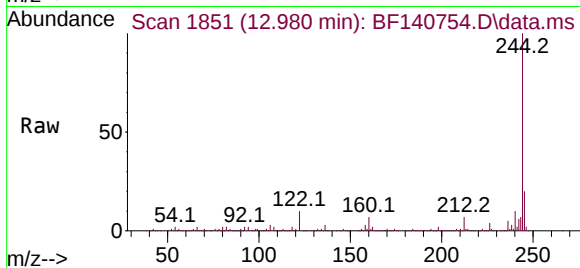
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.2	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#80

Butylbenzylphthalate

Concen: 47.577 ng

RT: 13.457 min Scan# 1932

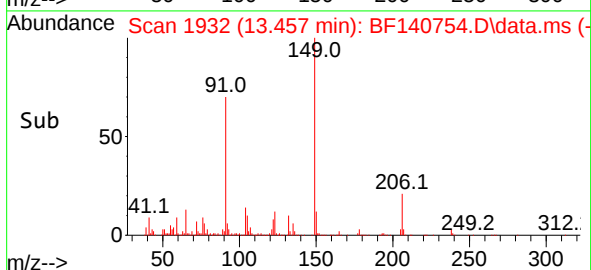
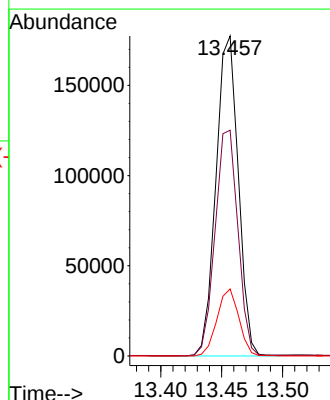
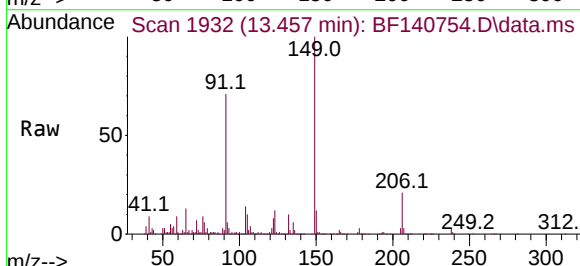
Delta R.T. -0.006 min

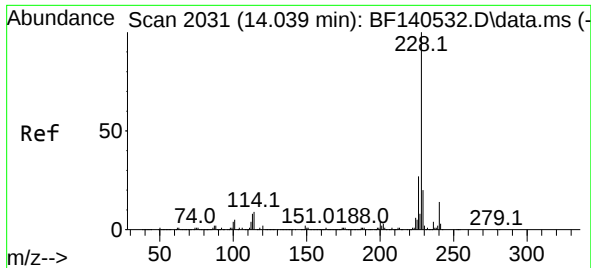
Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

Tgt Ion:149 Resp: 226763

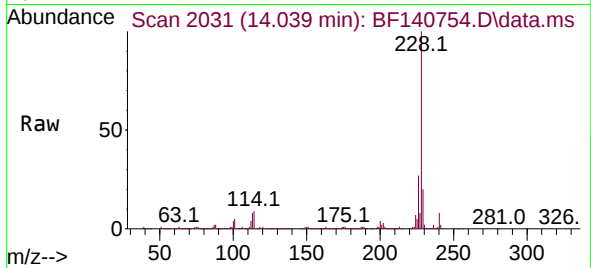
Ion	Ratio	Lower	Upper
149	100		
91	70.6	56.2	84.2
206	20.9	16.4	24.6





#81
Benzo(a)anthracene
Concen: 53.738 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

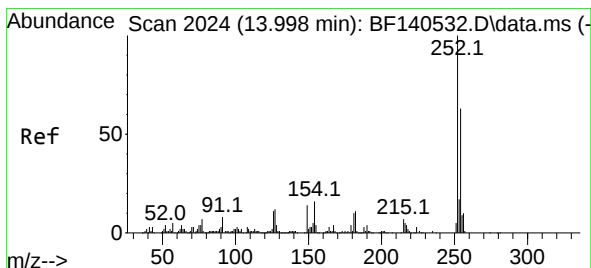
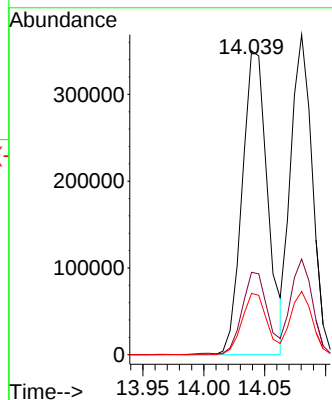
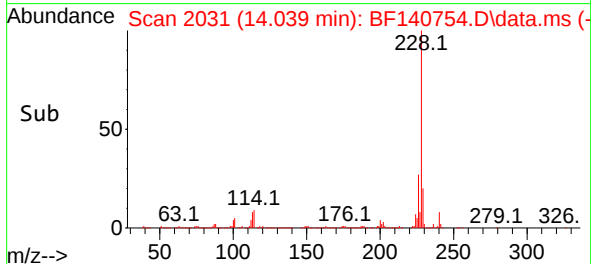
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



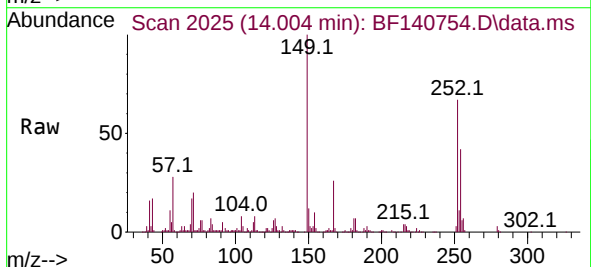
Tgt Ion:228 Resp: 50901
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 20.2 15.8 23.6

Manual Integrations
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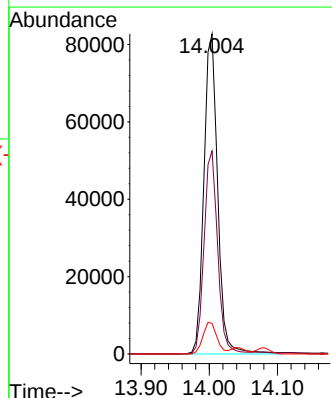
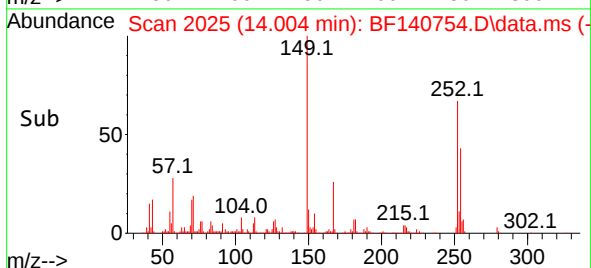
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#82
3,3'-Dichlorobenzidine
Concen: 41.032 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45



Tgt Ion:252 Resp: 116691
Ion Ratio Lower Upper
252 100
254 63.4 50.8 76.2
126 9.5 8.6 13.0





#83

Chrysene

Concen: 52.169 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

Instrument :

BNA_F

ClientSampleId :

MH-AMSD

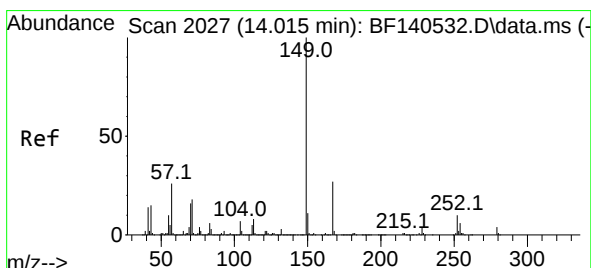
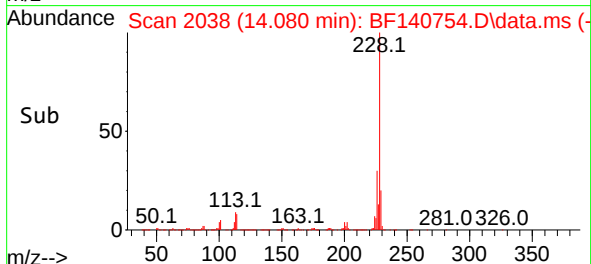
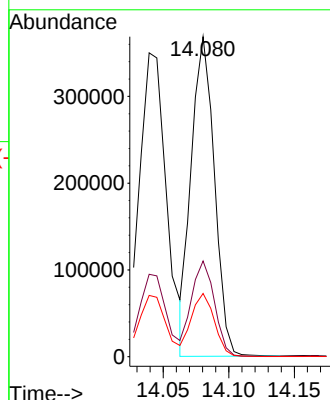
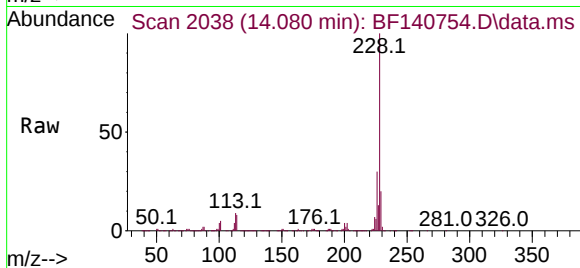
Tgt Ion:228	Resp: 451854
Ion Ratio	Lower Upper
228 100	
226 29.9	24.4 36.6
229 19.7	15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.816 ng

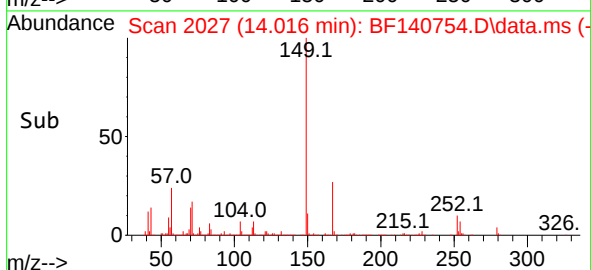
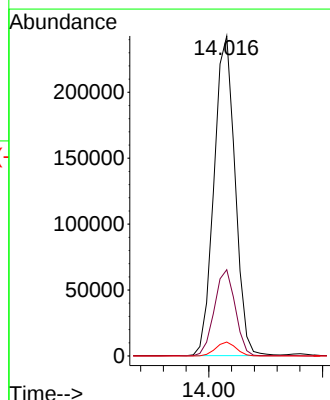
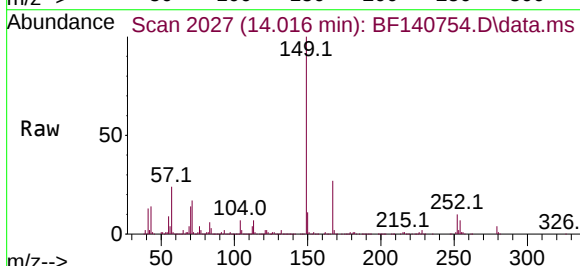
RT: 14.016 min Scan# 2027

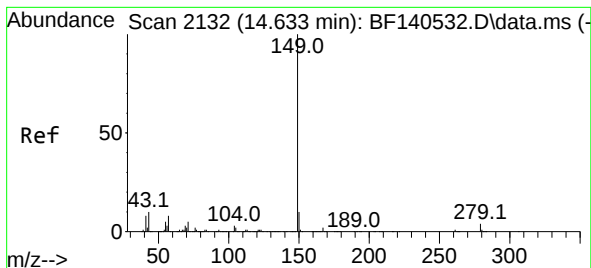
Delta R.T. 0.000 min

Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

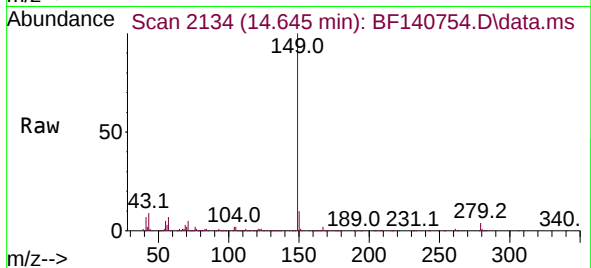
Tgt Ion:149	Resp: 311848
Ion Ratio	Lower Upper
149 100	
167 27.0	21.2 31.8
279 4.4	3.2 4.8





#85
Di-n-octyl phthalate
Concen: 62.518 ng
RT: 14.645 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

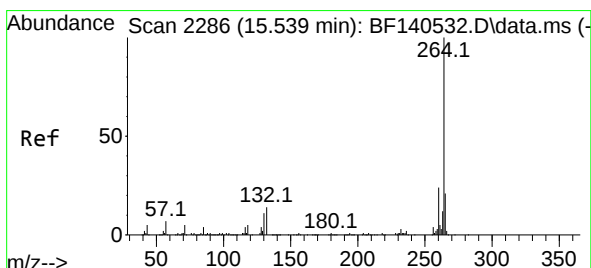
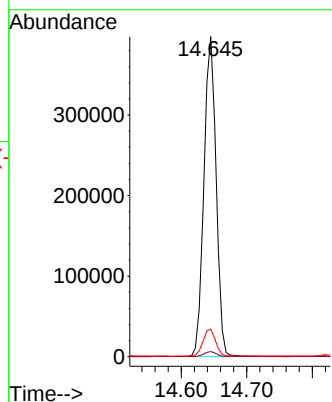
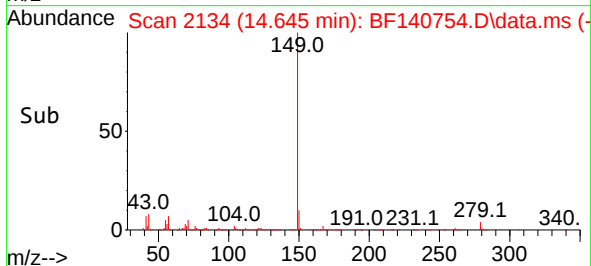
Instrument :
BNA_F
ClientSampleId :
MH-AMSD



Tgt Ion:149 Resp: 514209
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.7 11.5

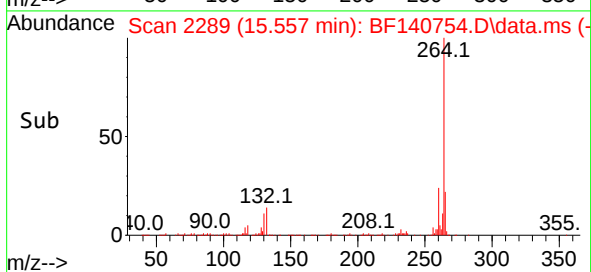
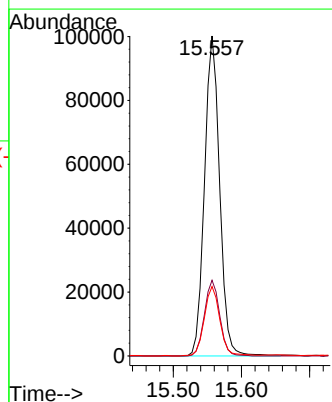
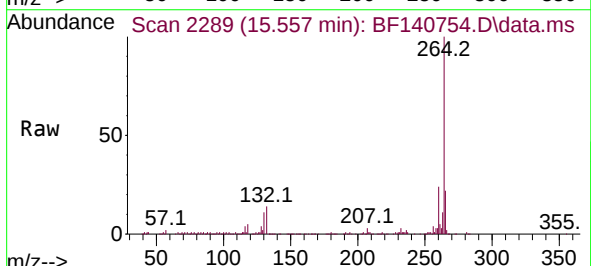
Manual Integrations
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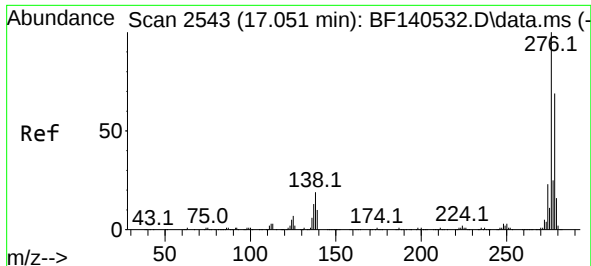
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.018 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Tgt Ion:264 Resp: 155027
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 21.7 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.820 ng
RT: 17.080 min Scan# 2115
Delta R.T. 0.030 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Instrument :

BNA_F

ClientSampleId :

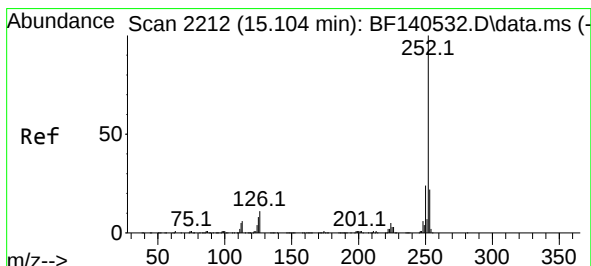
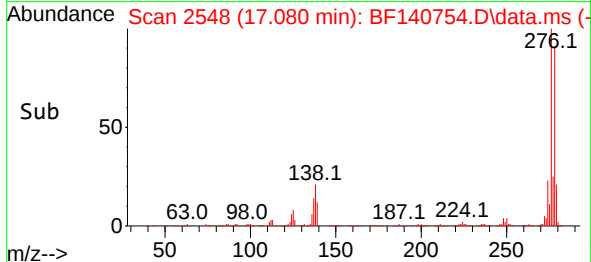
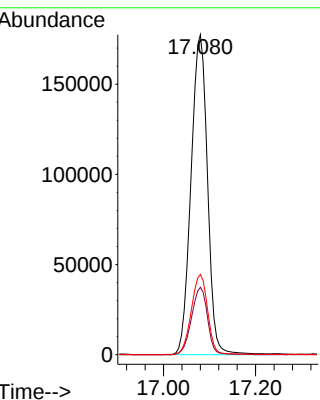
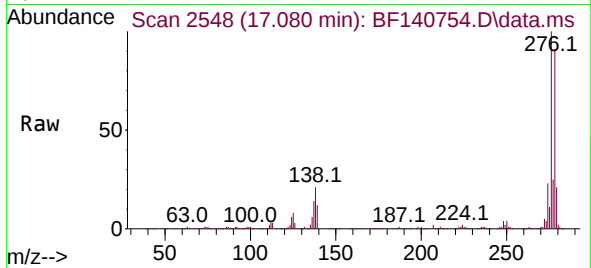
MH-AMSD

Tgt Ion:276 Resp: 44271
Ion Ratio Lower Upper
276 100
138 20.5 15.5 23.3
277 24.9 20.1 30.1

Manual Integrations

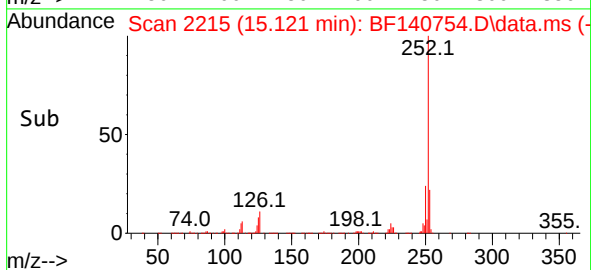
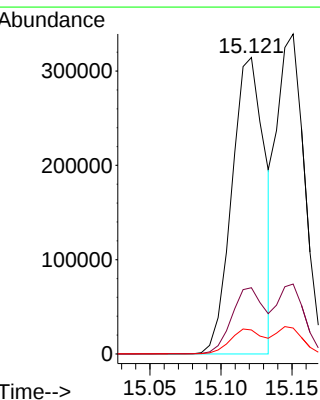
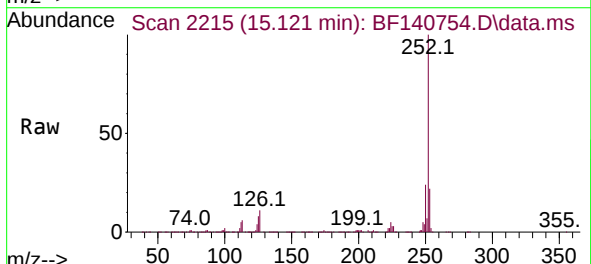
APPROVED

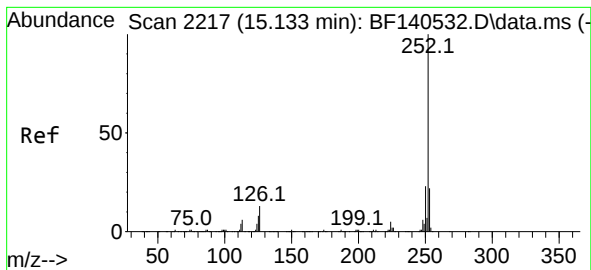
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#88
Benzo(b)fluoranthene
Concen: 51.911 ng
RT: 15.121 min Scan# 2215
Delta R.T. 0.018 min
Lab File: BF140754.D
Acq: 05 Dec 2024 17:45

Tgt Ion:252 Resp: 505485
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 8.1 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 53.306 ng

RT: 15.151 min Scan# 2217

Delta R.T. 0.018 min

Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

Instrument :

BNA_F

ClientSampleId :

MH-AMSD

Tgt Ion:252 Resp: 454229

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

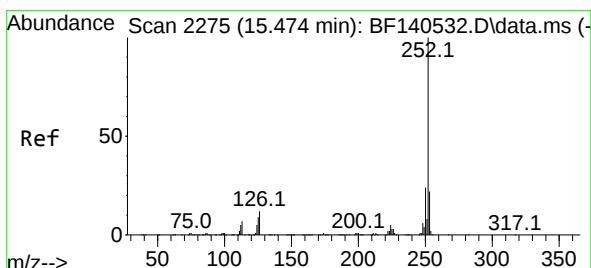
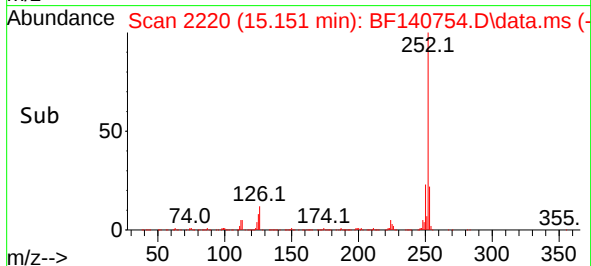
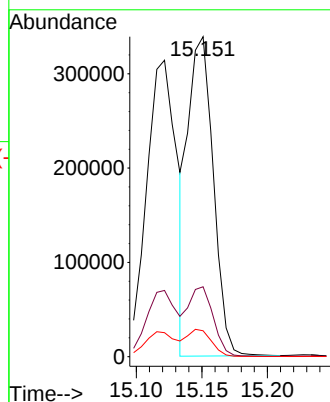
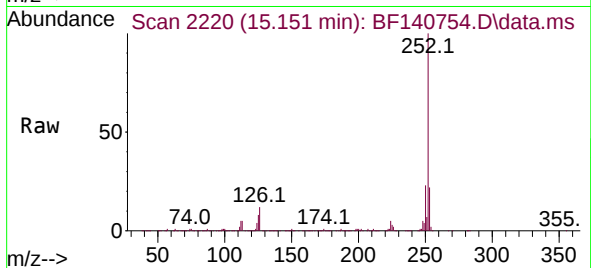
125 8.1 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#90

Benzo(a)pyrene

Concen: 56.715 ng

RT: 15.498 min Scan# 2279

Delta R.T. 0.024 min

Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

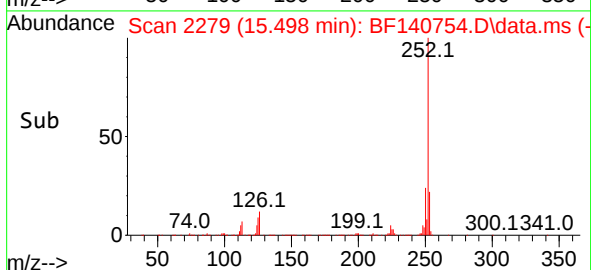
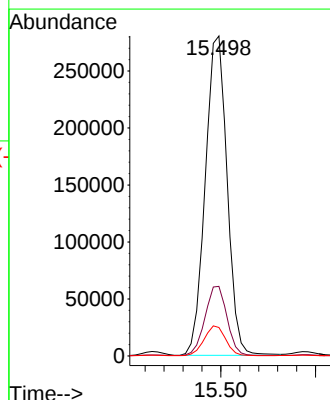
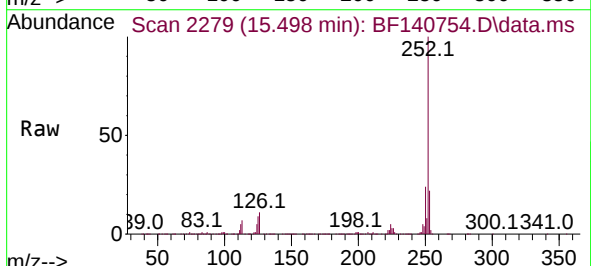
Tgt Ion:252 Resp: 449031

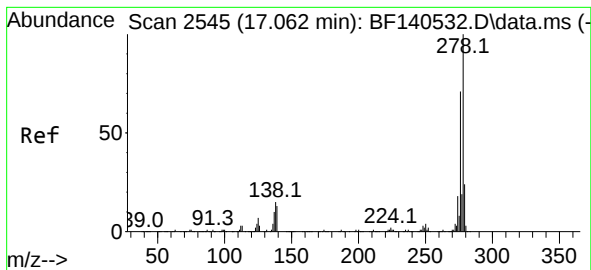
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 8.9 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 44.848 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

Instrument :

BNA_F

ClientSampleId :

MH-AMSD

Tgt Ion:278 Resp: 37107

Ion Ratio Lower Upper

278 100

139 13.0 10.2 15.4

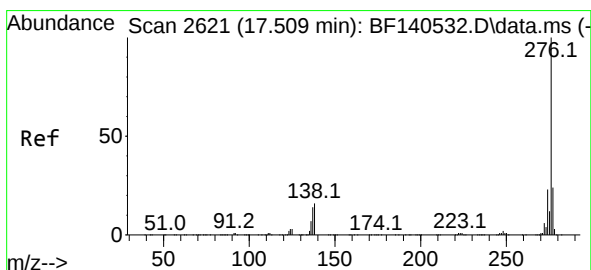
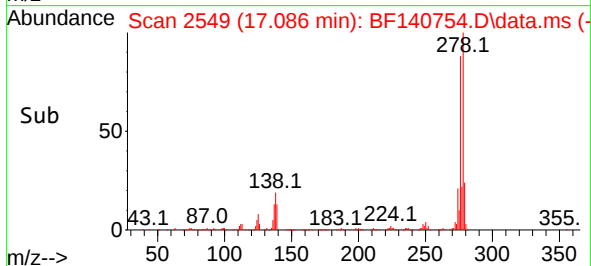
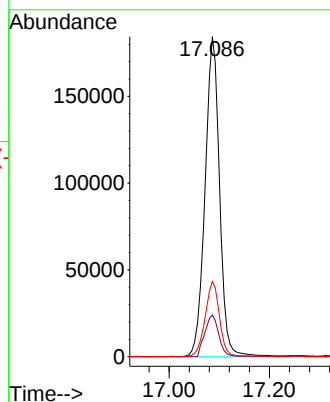
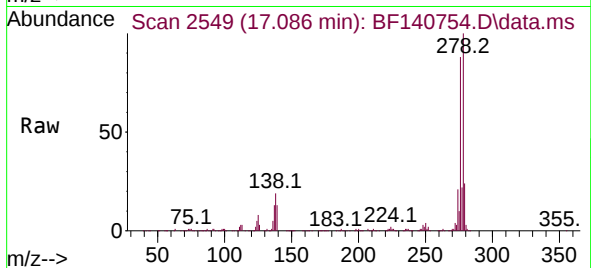
279 23.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#92

Benzo(g,h,i)perylene

Concen: 36.228 ng

RT: 17.533 min Scan# 2625

Delta R.T. 0.024 min

Lab File: BF140754.D

Acq: 05 Dec 2024 17:45

Tgt Ion:276 Resp: 305879

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 17.6 13.2 19.8

