

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140625.D
 Acq On : 26 Nov 2024 01:06
 Operator : RC/JU
 Sample : P4954-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112124MS

Quant Time: Nov 26 02:01:52 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	62517	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	215825	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	101277	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	165277	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	86883	20.000	ng	0.00
86) Perylene-d12	15.533	264	74399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	387243	105.686	ng	0.00
7) Phenol-d6	6.510	99	495563	102.304	ng	0.00
23) Nitrobenzene-d5	7.434	82	315302	74.726	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	102925	95.022	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	517304	76.103	ng	0.00
79) Terphenyl-d14	12.986	244	400424	71.765	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	68835	44.682	ng	97
3) Pyridine	3.416	79	168216	49.627	ng	100
4) n-Nitrosodimethylamine	3.363	42	93466	46.917	ng	97
6) Aniline	6.534	93	90280	26.479	ng	# 39
8) 2-Chlorophenol	6.663	128	188946	47.931	ng	96
9) Benzaldehyde	6.422	77	108840	42.444	ng	# 72
10) Phenol	6.528	94	243479	49.218	ng	91
11) bis(2-Chloroethyl)ether	6.604	93	189105	49.955	ng	98
12) 1,3-Dichlorobenzene	6.816	146	200489	45.263	ng	99
13) 1,4-Dichlorobenzene	6.893	146	201989	45.037	ng	99
14) 1,2-Dichlorobenzene	7.040	146	191220	45.501	ng	98
15) Benzyl Alcohol	7.016	79	171488	47.738	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	206644	46.206	ng	78
17) 2-Methylphenol	7.134	107	142438	45.139	ng	92
18) Hexachloroethane	7.387	117	112348	67.070	ng	94
19) n-Nitroso-di-n-propyla...	7.281	70	147316	51.459	ng	98
20) 3+4-Methylphenols	7.287	107	194305	47.906	ng	99
22) Acetophenone	7.281	105	380234	72.264	ng	95
24) Nitrobenzene	7.457	77	200661	46.014	ng	98
25) Isophorone	7.692	82	380067	54.005	ng	# 91
26) 2-Nitrophenol	7.775	139	91092	47.135	ng	# 92
27) 2,4-Dimethylphenol	7.810	122	140978m	60.970	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	202937	47.334	ng	# 90
29) 2,4-Dichlorophenol	8.022	162	150820	49.224	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	150565	43.039	ng	99
31) Naphthalene	8.181	128	568970	51.181	ng	97
32) Benzoic acid	7.928	122	74588	38.706	ng	# 3
33) 4-Chloroaniline	8.234	127	53687	16.130	ng	# 84
34) Hexachlorobutadiene	8.292	225	103307	44.584	ng	99
35) Caprolactam	8.575	113	67585	71.278	ng	# 1
36) 4-Chloro-3-methylphenol	8.716	107	149535	43.590	ng	98
37) 2-Methylnaphthalene	8.869	142	405732	57.461	ng	100
38) 1-Methylnaphthalene	8.969	142	338940	48.971	ng	97
40) 1,2,4,5-Tetrachloroben...	9.039	216	145097	48.938	ng	99
41) Hexachlorocyclopentadiene	9.022	237	4384	13.271	ng	95
43) 2,4,6-Trichlorophenol	9.151	196	90950	48.886	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	90531	44.837	ng	# 79
46) 1,1'-Biphenyl	9.334	154	408689	54.049	ng	99
47) 2-Chloronaphthalene	9.363	162	268779	46.912	ng	99
48) 2-Nitroaniline	9.457	65	97960	53.267	ng	94
49) Acenaphthylene	9.775	152	431740	49.873	ng	97
50) Dimethylphthalate	9.628	163	314478	47.148	ng	# 98
51) 2,6-Dinitrotoluene	9.698	165	67674	44.736	ng	97
52) Acenaphthene	9.951	154	267560	48.643	ng	97
53) 3-Nitroaniline	9.869	138	47707	32.245	ng	# 95
54) 2,4-Dinitrophenol	9.986	184	9449	18.704	ng	# 56
55) Dibenzofuran	10.122	168	385064	45.896	ng	96
56) 4-Nitrophenol	10.039	139	96185	95.324	ng	93
57) 2,4-Dinitrotoluene	10.104	165	90196	44.863	ng	# 94
58) Fluorene	10.463	166	307685	45.688	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	69235	44.617	ng	# 73
60) Diethylphthalate	10.328	149	301168	44.440	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	142383	43.082	ng	93
62) 4-Nitroaniline	10.481	138	53136	34.243	ng	90
63) Azobenzene	10.616	77	333601	51.982	ng	87
65) 4,6-Dinitro-2-methylph...	10.516	198	9231	10.930	ng	# 1
66) n-Nitrosodiphenylamine	10.569	169	279240	57.132	ng	97
67) 4-Bromophenyl-phenylether	10.945	248	83685	49.166	ng	96
68) Hexachlorobenzene	11.016	284	88330	44.818	ng	93
69) Atrazine	11.098	200	86444	62.868	ng	98
70) Pentachlorophenol	11.210	266	82138	94.692	ng	99
71) Phenanthrene	11.428	178	482834	60.774	ng	99
72) Anthracene	11.480	178	413714	53.235	ng	99
73) Carbazole	11.633	167	373057	49.900	ng	97
74) Di-n-butylphthalate	11.957	149	414647	48.040	ng	100
75) Fluoranthene	12.622	202	540850	62.701	ng	99
77) Benzidine	12.739	184	86714	34.328	ng	# 96
78) Pyrene	12.851	202	510426	63.538	ng	99
80) Butylbenzylphthalate	13.457	149	144797	50.034	ng	97
81) Benzo(a)anthracene	14.039	228	341599	59.395	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	57402	33.243	ng	100
83) Chrysene	14.074	228	289314	55.014	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	175940	48.147	ng	99
85) Di-n-octyl phthalate	14.633	149	252409	50.543	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	219457	45.263	ng	99
88) Benzo(b)fluoranthene	15.098	252	272803	58.377	ng	98
89) Benzo(k)fluoranthene	15.127	252	217487	53.183	ng	99
90) Benzo(a)pyrene	15.474	252	227453	59.862	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	167548	42.196	ng	98
92) Benzo(g,h,i)perylene	17.504	276	154532	38.138	ng	98

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

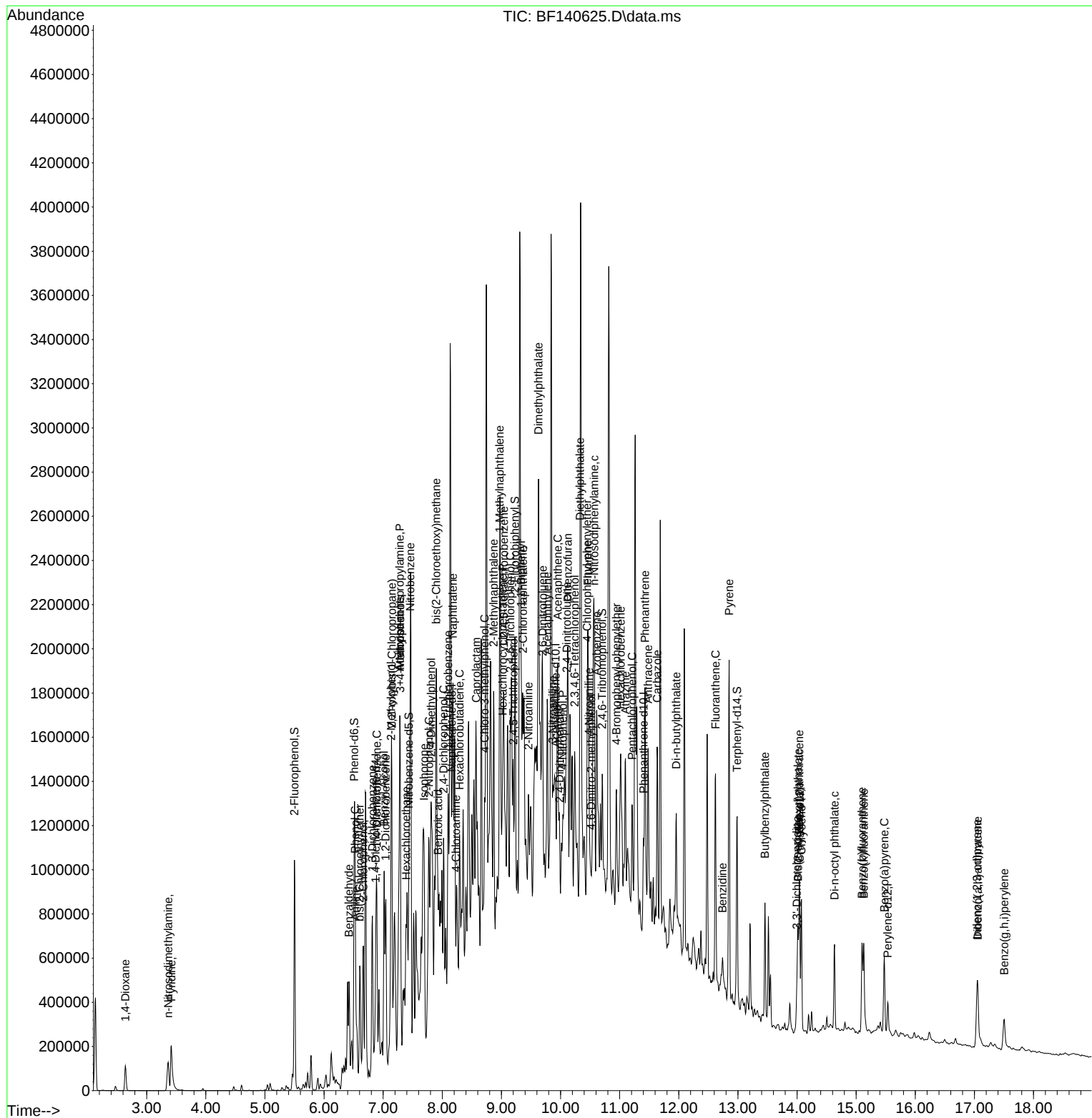
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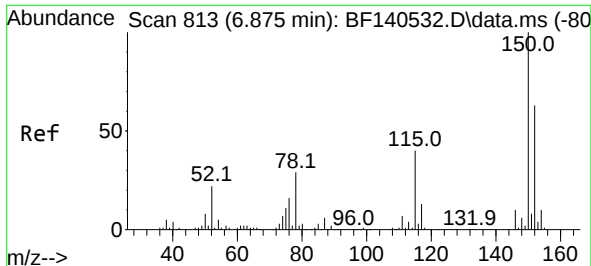
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MS

Quant Time: Nov 26 02:01:52 2024
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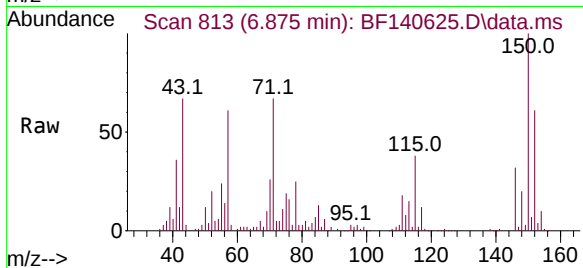
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF140625.D
 Acq: 26 Nov 2024 01:06

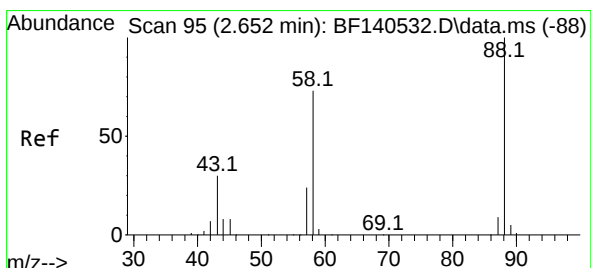
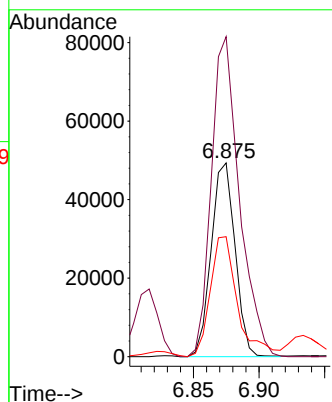
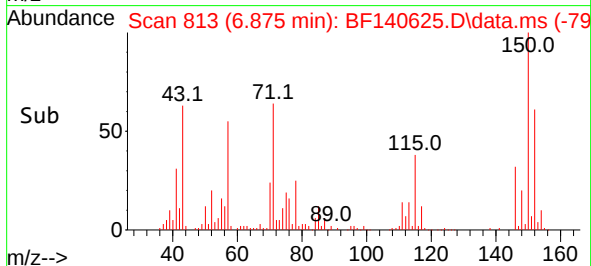
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112124MS



Tgt Ion: 152 Resp: 6251
 Ion Ratio Lower Upper
 152 100
 150 165.2 128.5 192.7
 115 62.0 50.2 75.4

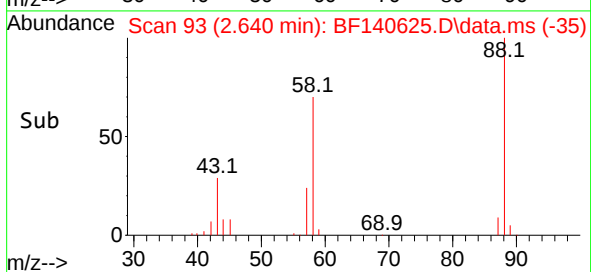
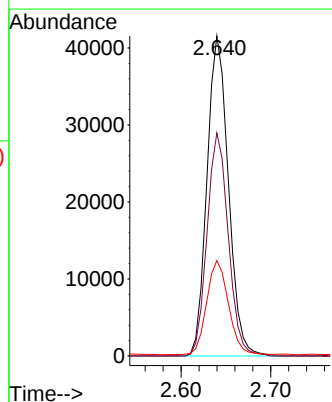
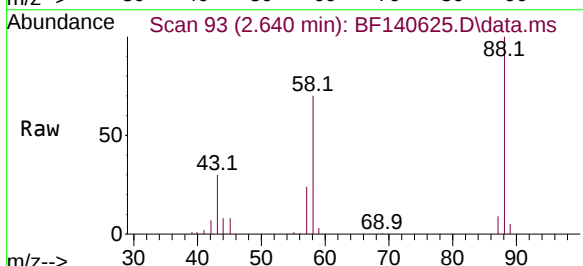
Manual Integrations
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Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#2
 1,4-Dioxane
 Concen: 44.682 ng
 RT: 2.640 min Scan# 93
 Delta R.T. -0.012 min
 Lab File: BF140625.D
 Acq: 26 Nov 2024 01:06

Tgt Ion: 88 Resp: 68835
 Ion Ratio Lower Upper
 88 100
 58 69.0 57.4 86.2
 43 29.9 24.3 36.5





#3

Pyridine

Concen: 49.627 ng

RT: 3.416 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

Tgt Ion: 79 Resp: 168210

Ion Ratio Lower Upper

79 100

52 65.5 52.1 78.1

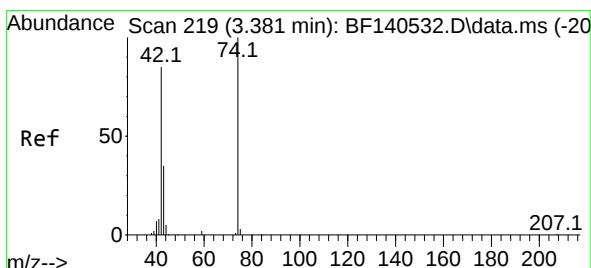
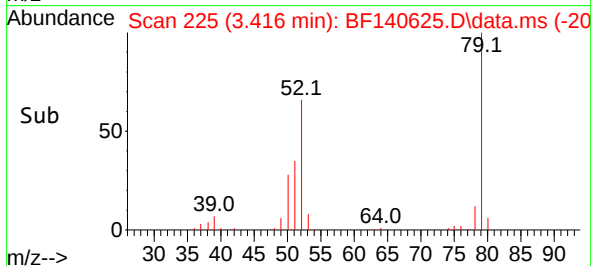
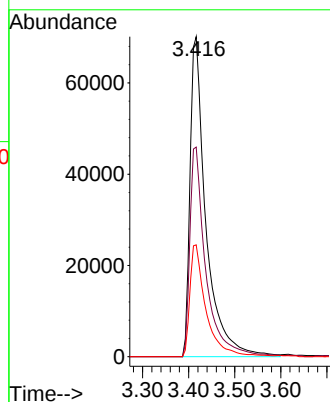
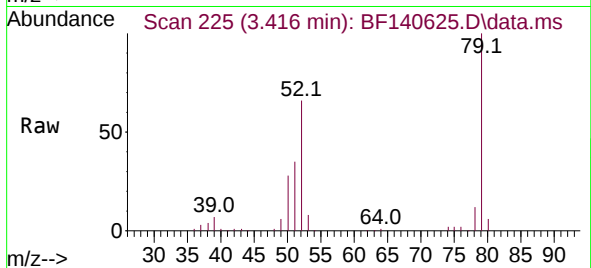
51 35.0 27.8 41.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#4

n-Nitrosodimethylamine

Concen: 46.917 ng

RT: 3.363 min Scan# 216

Delta R.T. -0.018 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

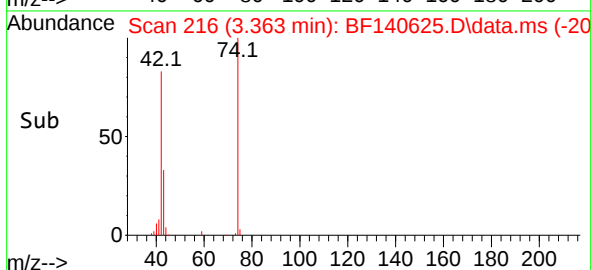
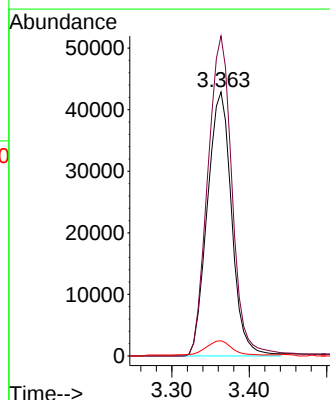
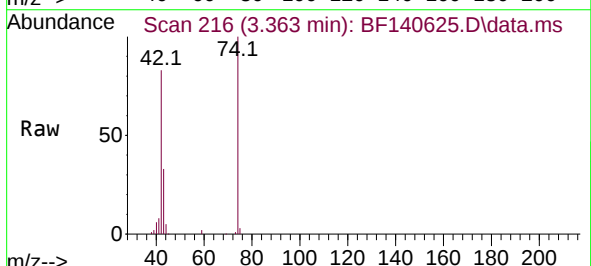
Tgt Ion: 42 Resp: 93466

Ion Ratio Lower Upper

42 100

74 121.2 93.8 140.6

44 5.8 4.6 6.8





#5
2-Fluorophenol
Concen: 105.686 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

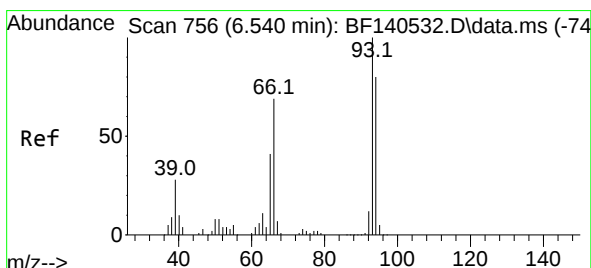
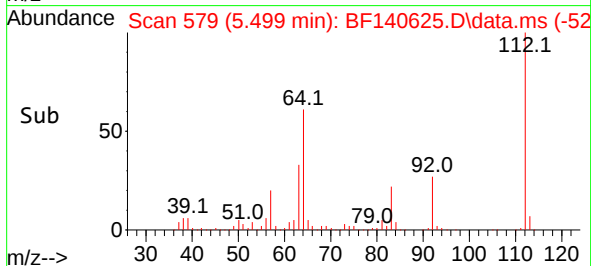
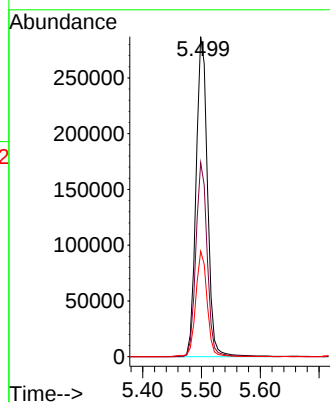
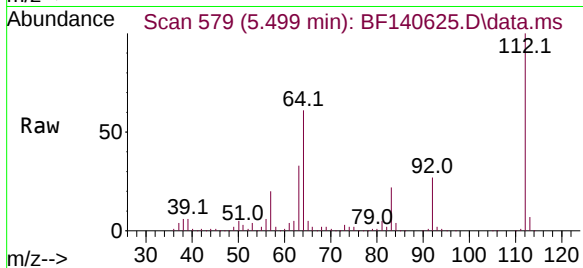
Tgt Ion:112 Resp: 38724
Ion Ratio Lower Upper
112 100
64 60.6 49.2 73.8
63 32.9 27.0 40.4

Manual Integrations

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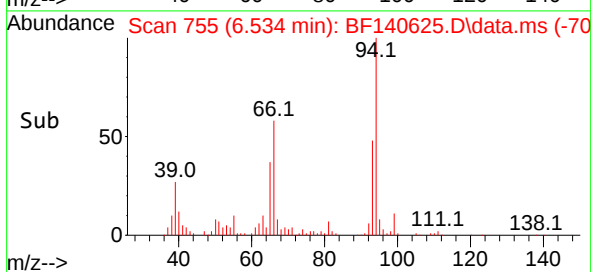
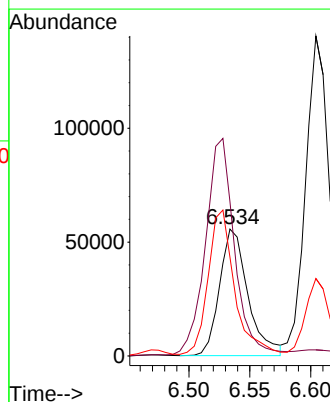
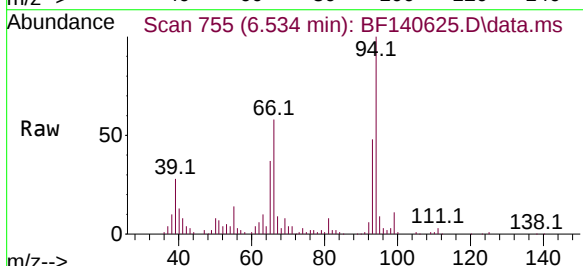
Reviewed By :Yogesh Patel 11/27/2024

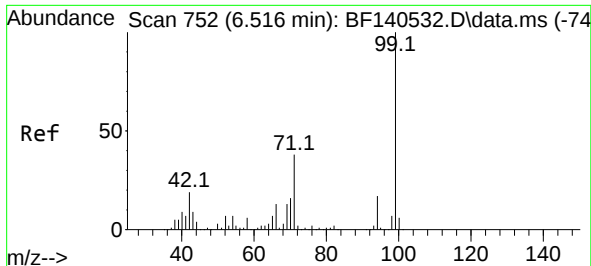
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 26.479 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

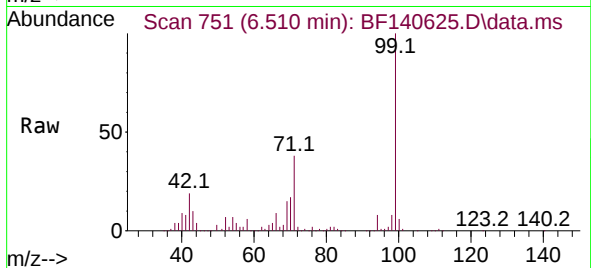
Tgt Ion: 93 Resp: 90280
Ion Ratio Lower Upper
93 100
66 121.5 56.5 84.7#
65 77.8 32.9 49.3#





#7
Phenol-d6
Concen: 102.304 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

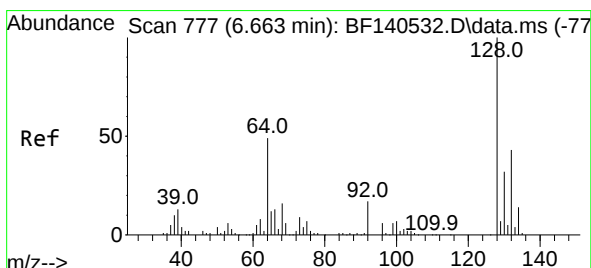
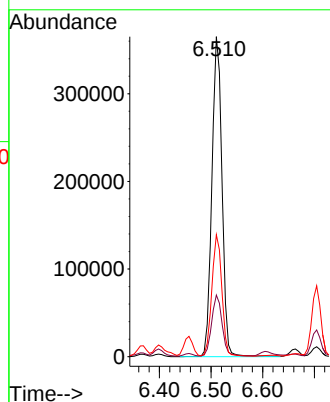
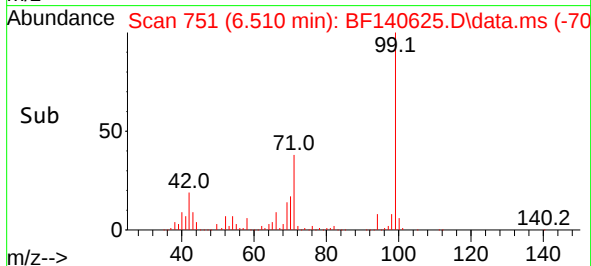
Instrument :
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Tgt Ion: 99 Resp: 49556
Ion Ratio Lower Upper
99 100
42 19.2 15.4 23.0
71 38.1 30.6 46.0

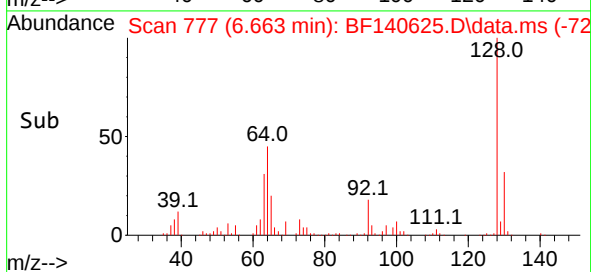
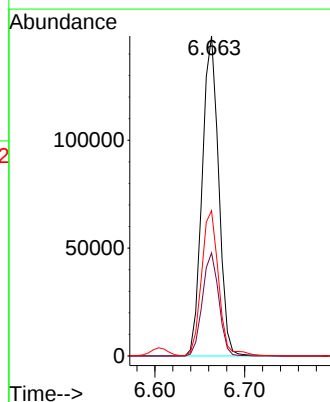
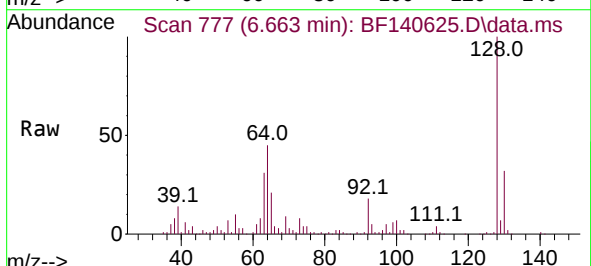
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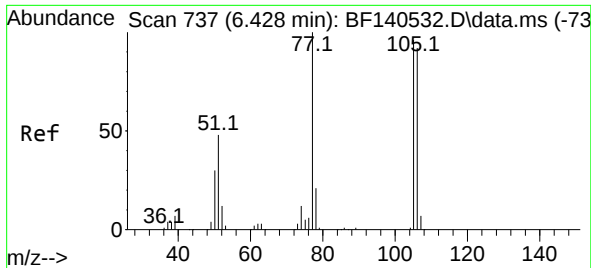
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#8
2-Chlorophenol
Concen: 47.931 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

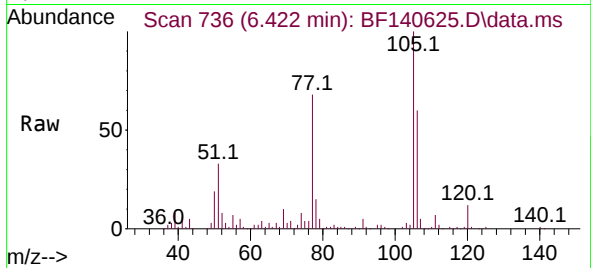
Tgt Ion:128 Resp: 188946
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 45.4 30.2 70.2





#9
Benzaldehyde
Concen: 42.444 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

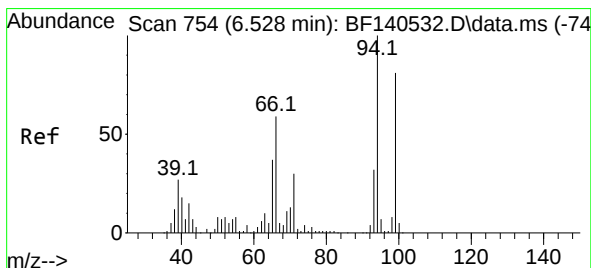
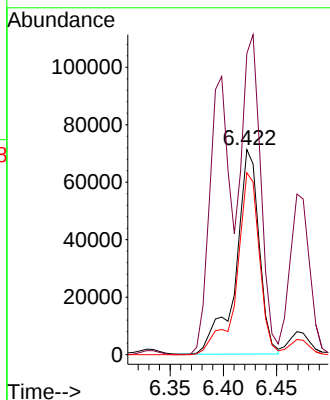
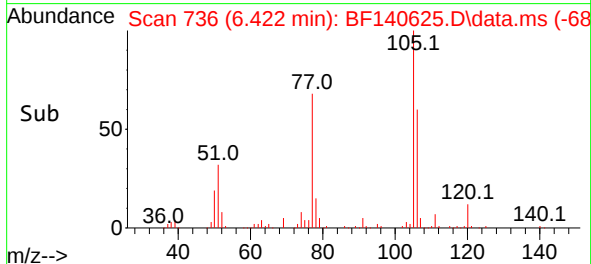
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Tgt Ion: 77 Resp: 108840
Ion Ratio Lower Upper
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105 146.8 75.6 115.6
106 88.7 72.0 112.0

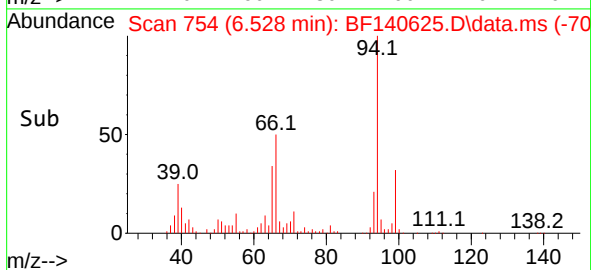
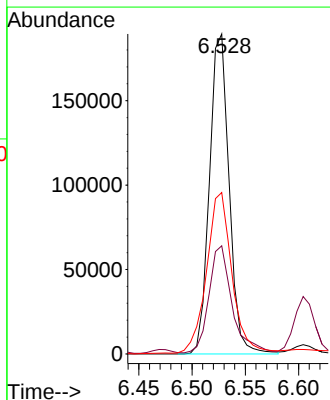
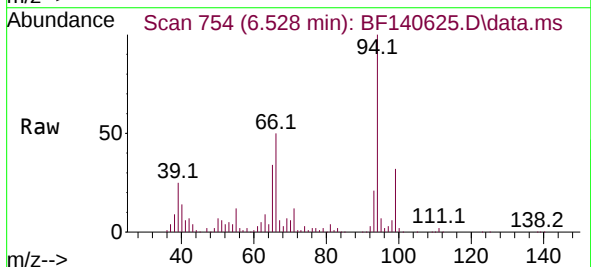
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#10
Phenol
Concen: 49.218 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion: 94 Resp: 243479
Ion Ratio Lower Upper
94 100
65 33.8 17.2 57.2
66 50.4 39.2 79.2





#11
bis(2-Chloroethyl)ether
Concen: 49.955 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

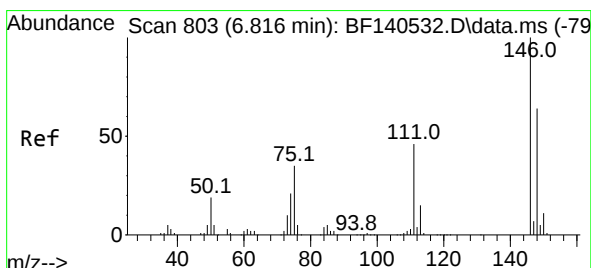
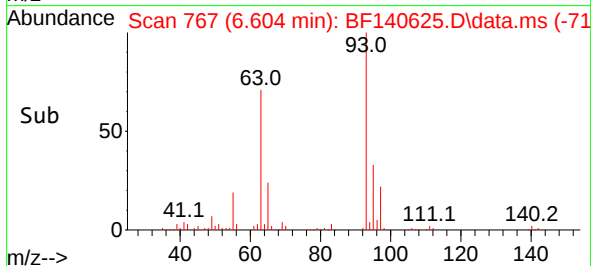
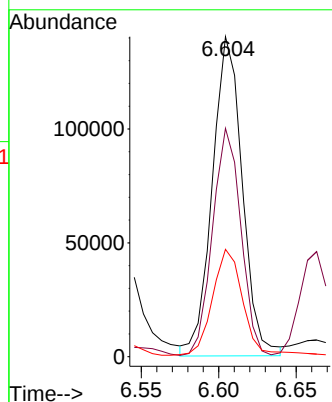
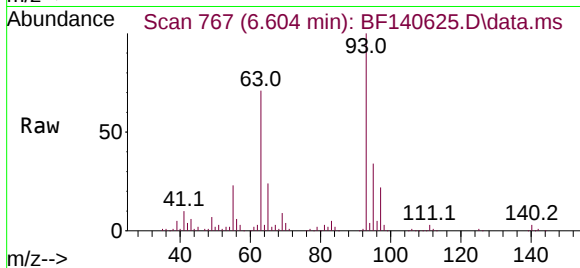
ClientSampleId :

TR-05-112124MS

Tgt Ion: 93 Resp: 18910
Ion Ratio Lower Upper
93 100
63 71.4 52.8 92.8
95 33.5 12.3 52.3

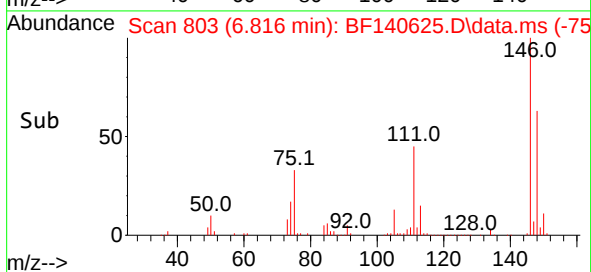
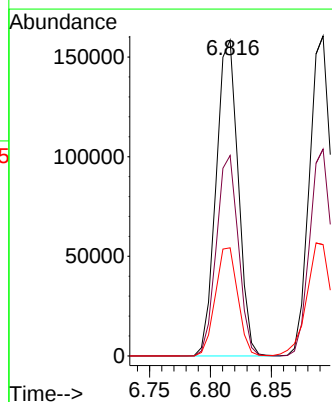
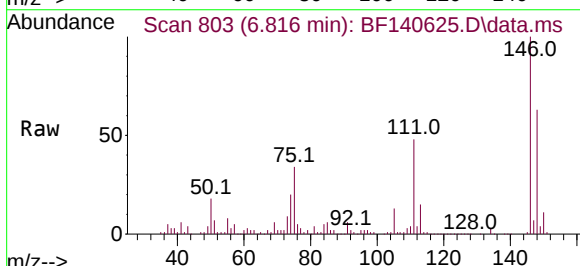
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#12
1,3-Dichlorobenzene
Concen: 45.263 ng
RT: 6.816 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

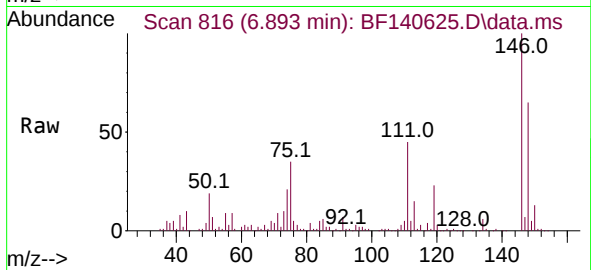
Tgt Ion:146 Resp: 200489
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 34.2 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 45.037 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

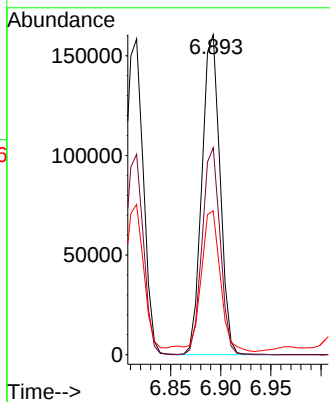
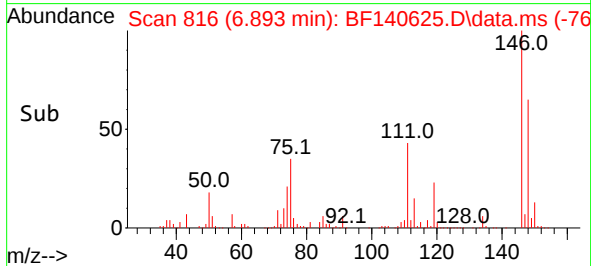
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MS



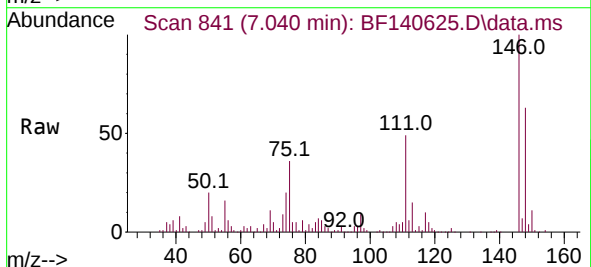
Tgt Ion:146 Resp: 201989
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
111 45.0 35.3 52.9

Manual Integrations
APPROVED

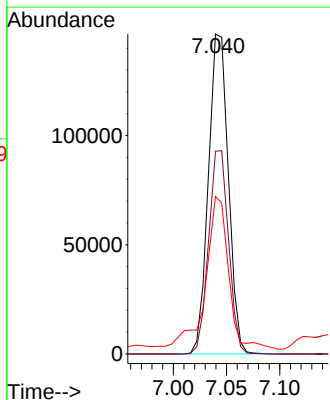
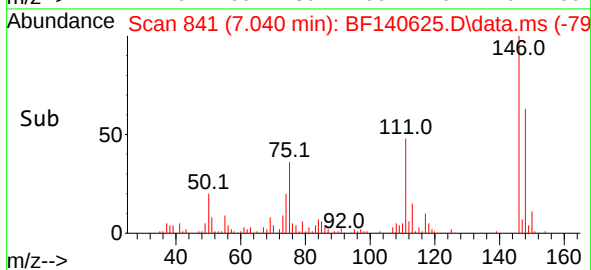
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 45.501 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06



Tgt Ion:146 Resp: 191220
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 49.2 36.7 55.1





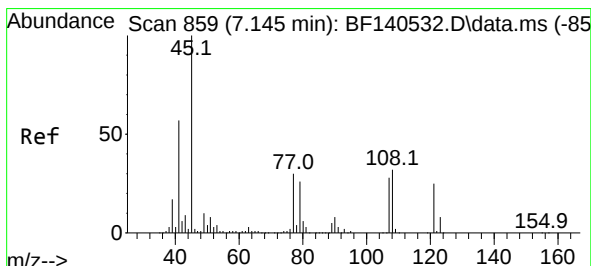
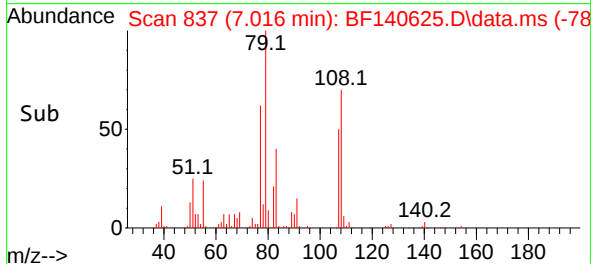
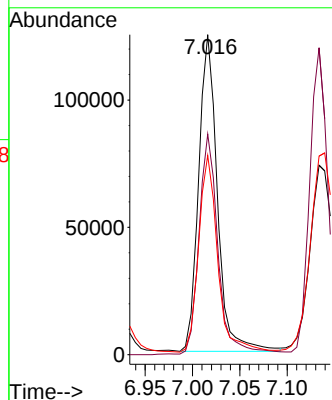
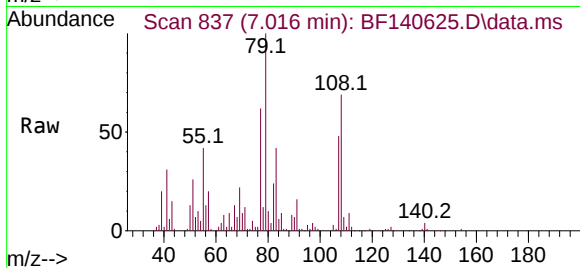
#15
Benzyl Alcohol
Concen: 47.738 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112124MS

Tgt Ion: 79 Resp: 171488
Ion Ratio Lower Upper
79 100
108 69.0 55.0 82.6
77 62.3 50.1 75.1

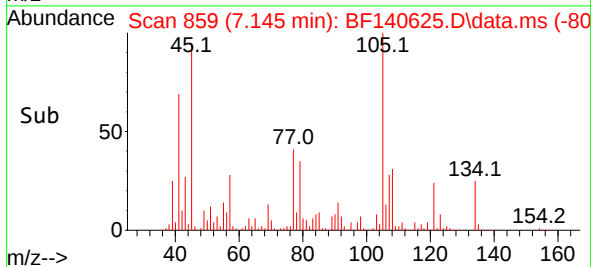
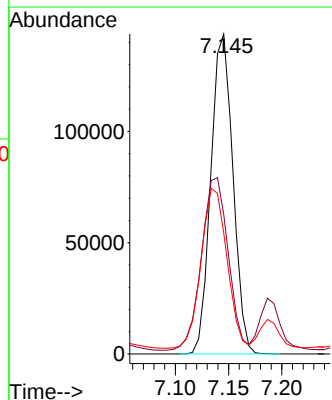
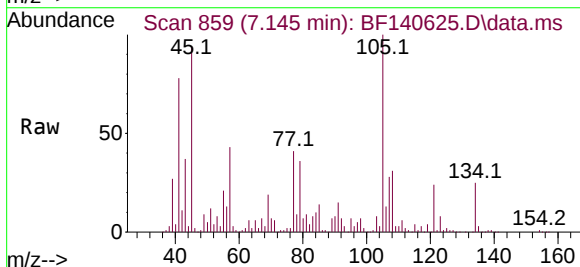
Manual Integrations
APPROVED

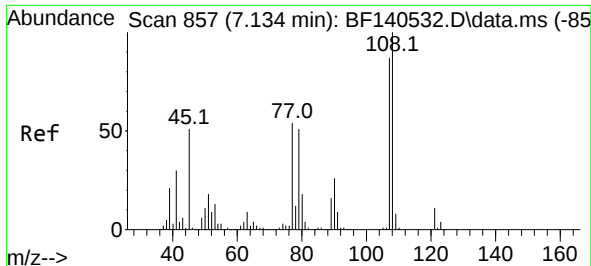
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.206 ng
RT: 7.145 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion: 45 Resp: 206644
Ion Ratio Lower Upper
45 100
77 43.6 10.7 50.7
79 37.9 7.0 47.0





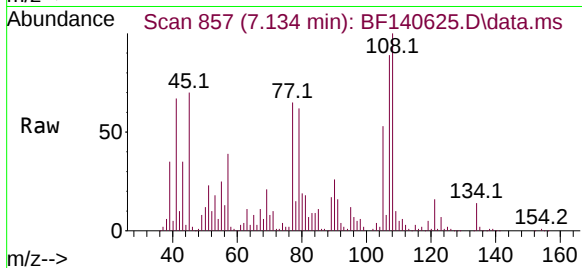
#17
2-Methylphenol
Concen: 45.139 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

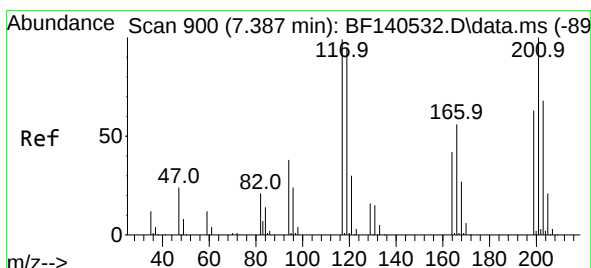
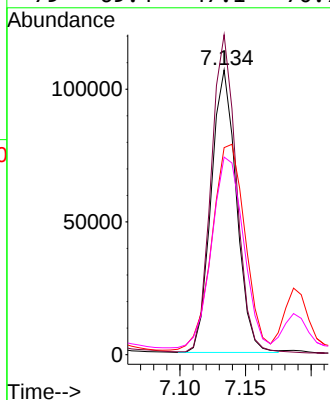
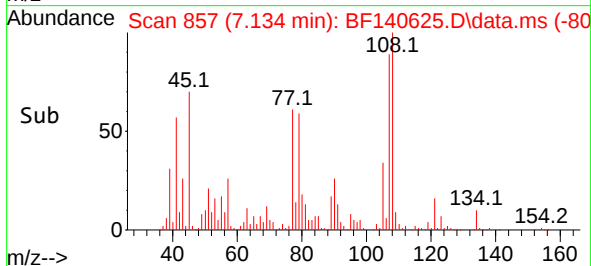


Tgt Ion:107 Resp: 142438
Ion Ratio Lower Upper
107 100
108 112.4 91.7 137.5
77 72.7 49.3 73.9
79 69.4 47.1 70.7

Manual Integrations

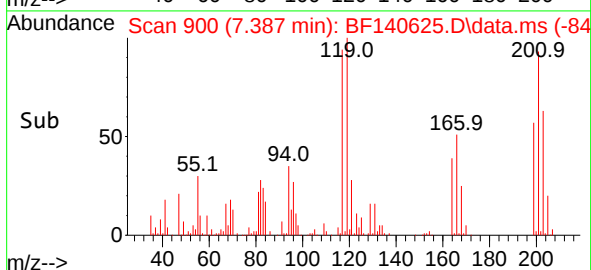
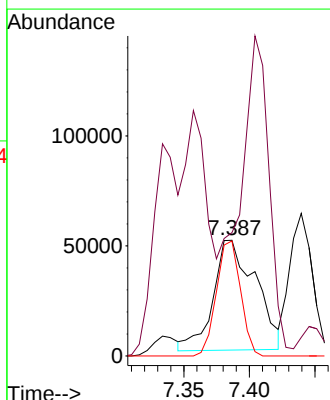
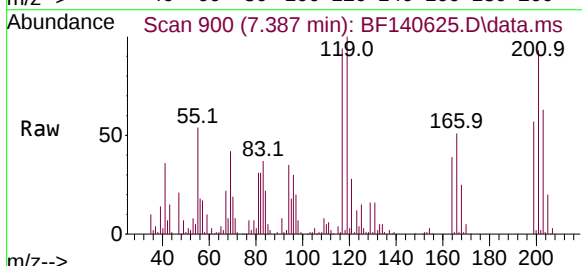
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#18
Hexachloroethane
Concen: 67.070 ng
RT: 7.387 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion:117 Resp: 112348
Ion Ratio Lower Upper
117 100
119 106.7 77.1 115.7
201 99.5 81.1 121.7





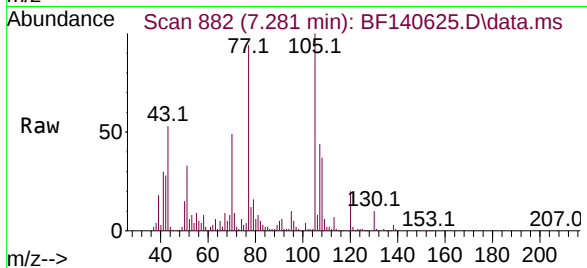
#19
n-Nitroso-di-n-propylamine
Concen: 51.459 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

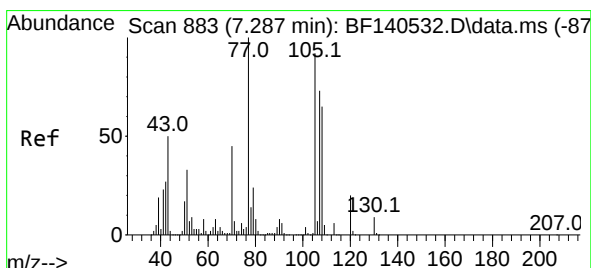
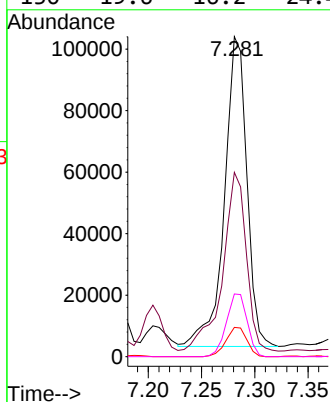
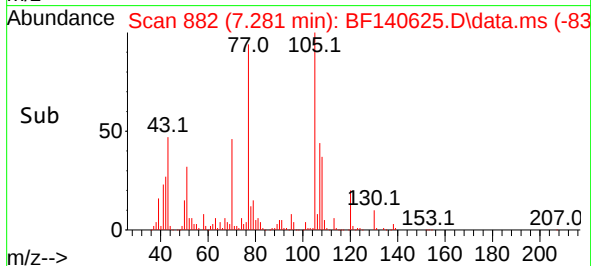


Tgt Ion: 70 Resp: 147310
Ion Ratio Lower Upper
70 100
42 57.6 47.6 71.4
101 9.2 7.6 11.4
130 19.6 16.2 24.4

Manual Integrations

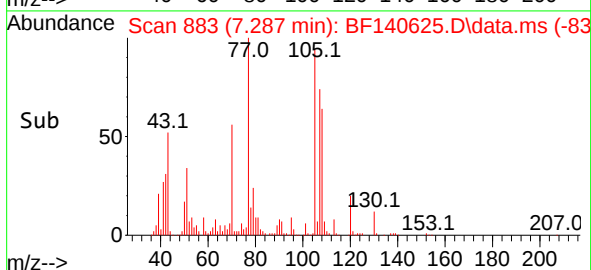
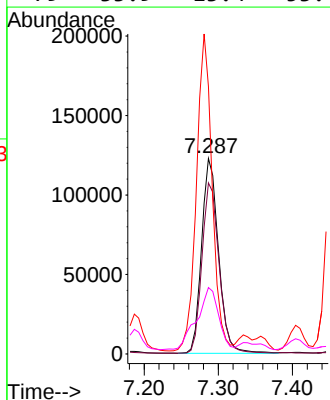
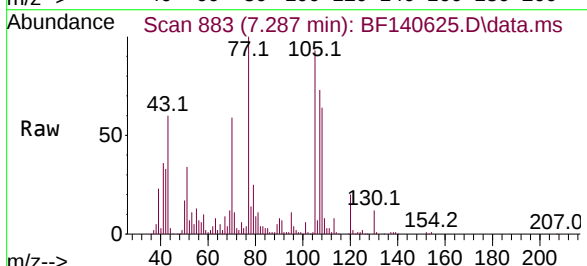
APPROVED

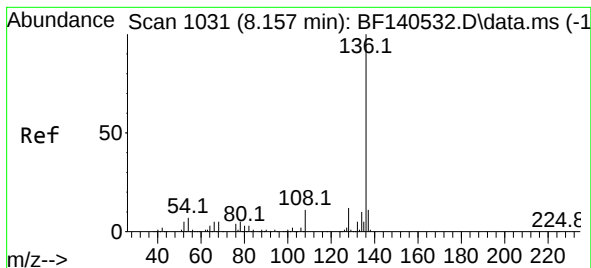
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#20
3+4-Methylphenols
Concen: 47.906 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion:107 Resp: 194305
Ion Ratio Lower Upper
107 100
108 87.4 69.9 109.9
77 136.8 117.7 157.7
79 33.9 13.4 53.4





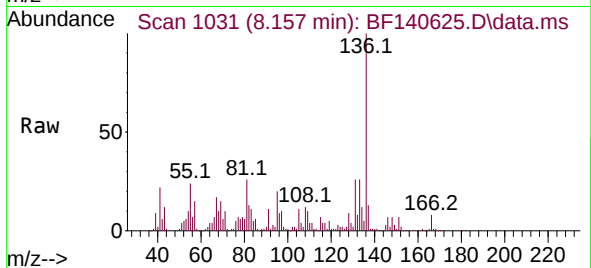
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS



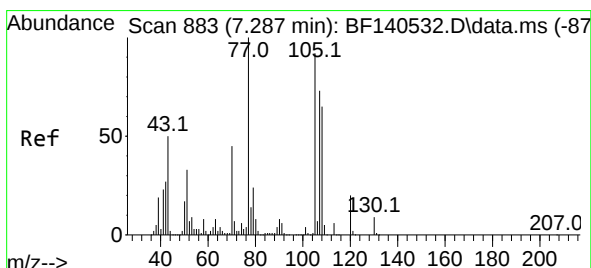
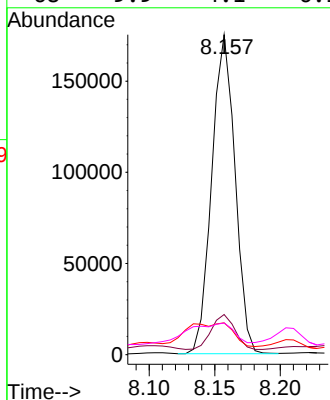
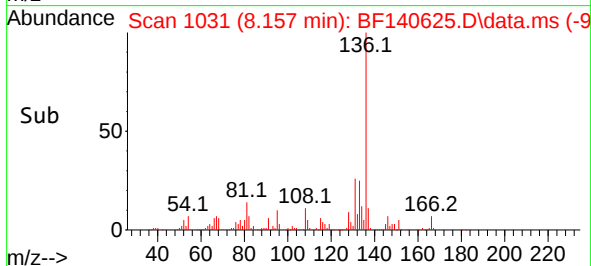
Tgt Ion:136 Resp: 215829
Ion Ratio Lower Upper
136 100
137 12.6 8.6 13.0
54 10.0 5.8 8.8
68 9.9 4.1 6.1#

Manual Integrations

APPROVED

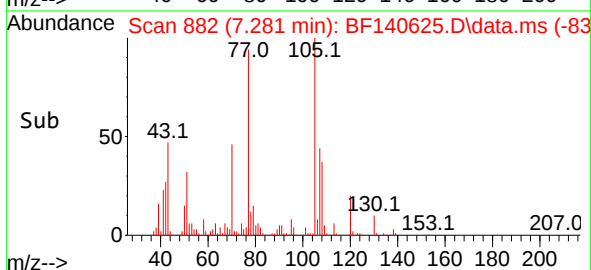
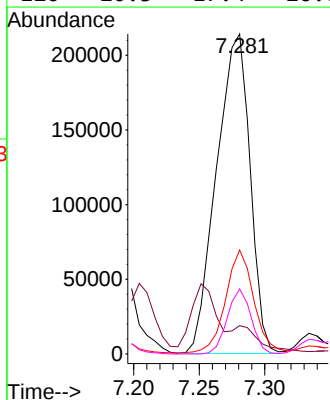
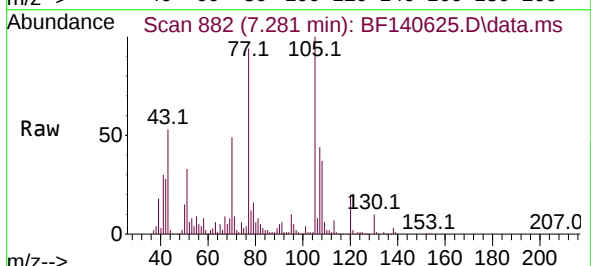
Reviewed By :Yogesh Patel 11/27/2024

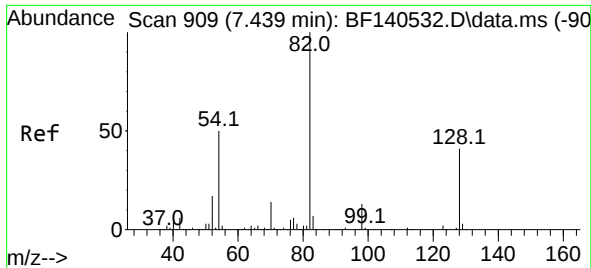
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 72.264 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion:105 Resp: 380234
Ion Ratio Lower Upper
105 100
71 8.8 6.2 9.2
51 32.5 29.0 43.6
120 20.3 17.4 26.0





#23
Nitrobenzene-d5
Concen: 74.726 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

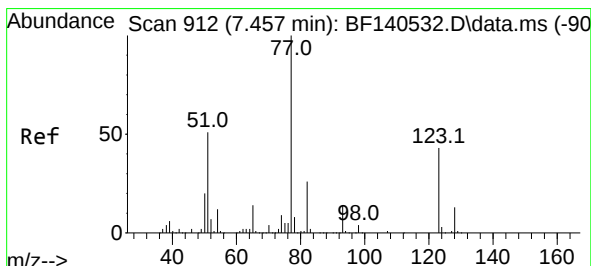
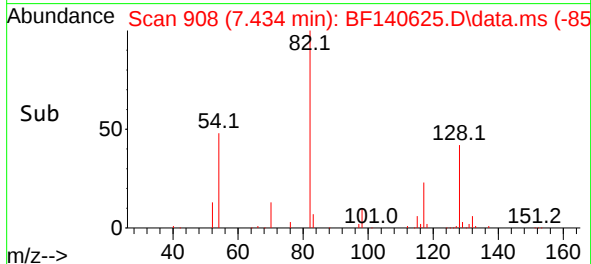
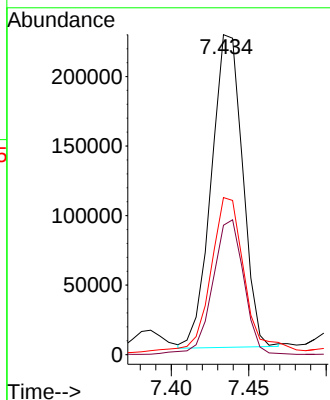
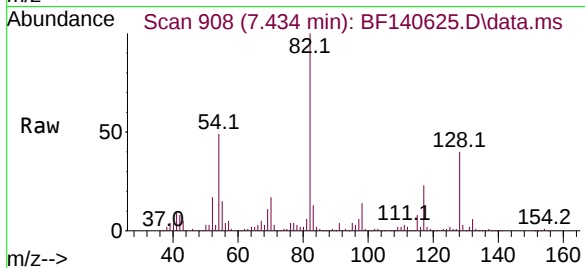
ClientSampleId :

TR-05-112124MS

Tgt Ion: 82 Resp: 31530
Ion Ratio Lower Upper
82 100
128 40.5 33.0 49.4
54 49.1 39.5 59.3

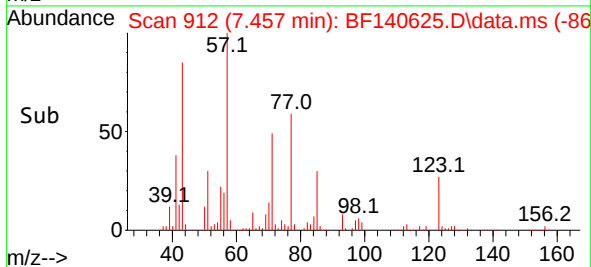
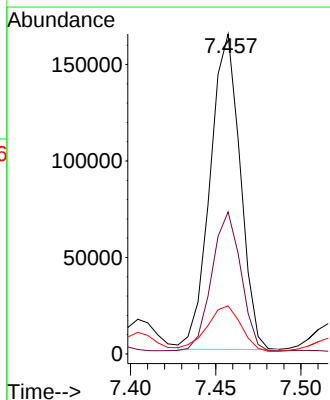
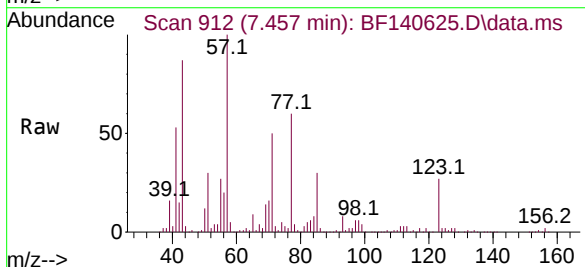
Manual Integrations
APPROVED

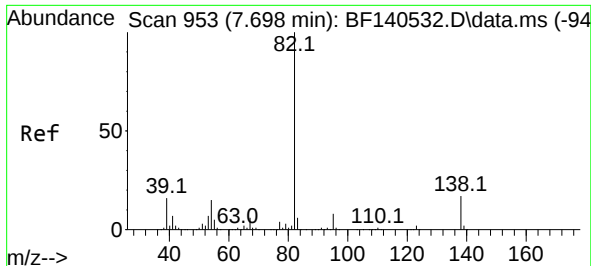
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#24
Nitrobenzene
Concen: 46.014 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion: 77 Resp: 200661
Ion Ratio Lower Upper
77 100
123 44.4 34.3 51.5
65 15.1 11.2 16.8





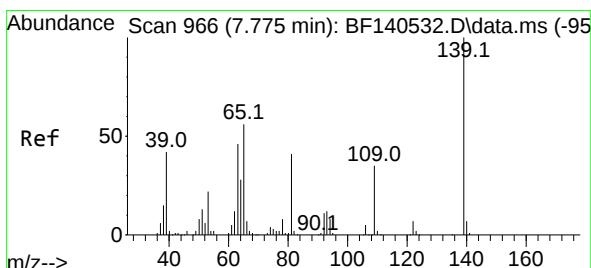
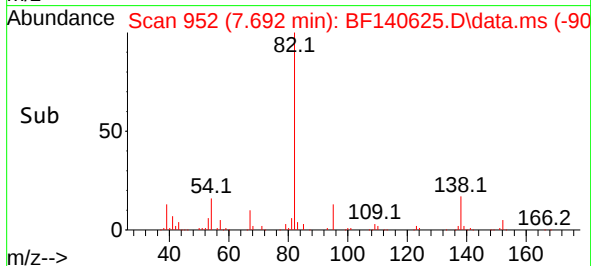
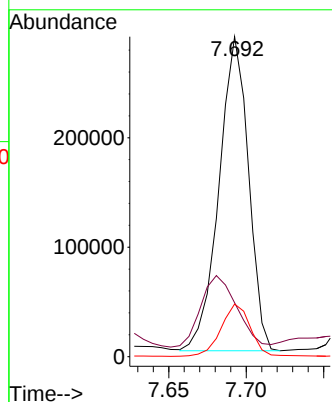
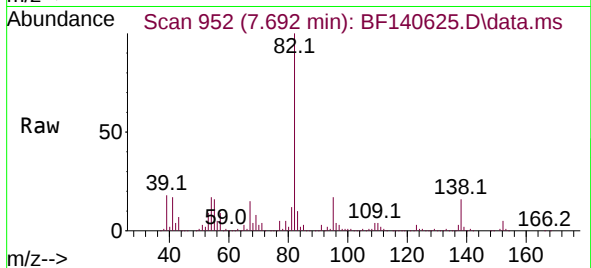
#25
Isophorone
Concen: 54.005 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112124MS

Tgt Ion: 82 Resp: 38006
Ion Ratio Lower Upper
82 100
95 16.9 6.4 9.6
138 16.4 13.8 20.6

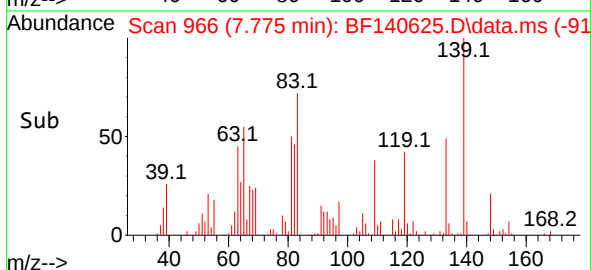
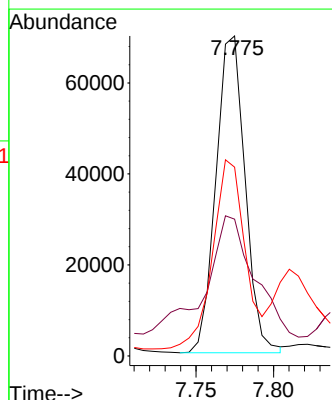
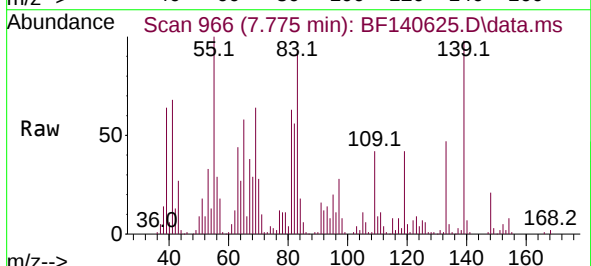
Manual Integrations
APPROVED

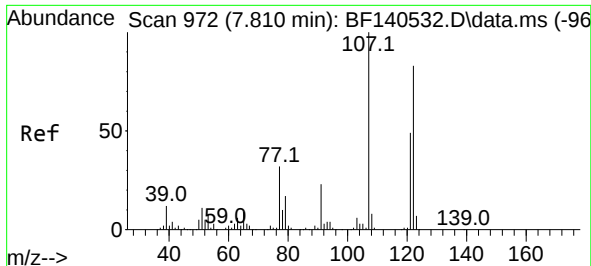
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 47.135 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion:139 Resp: 91092
Ion Ratio Lower Upper
139 100
109 42.7 28.0 42.0#
65 59.0 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 60.970 ng m
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

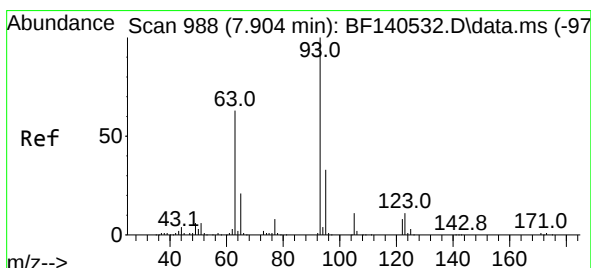
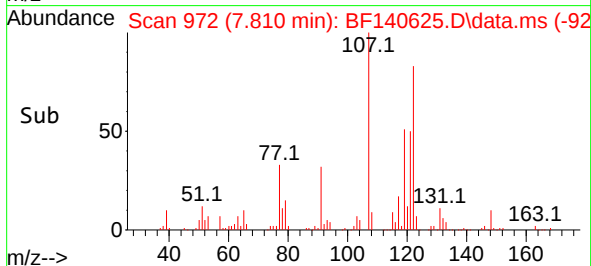
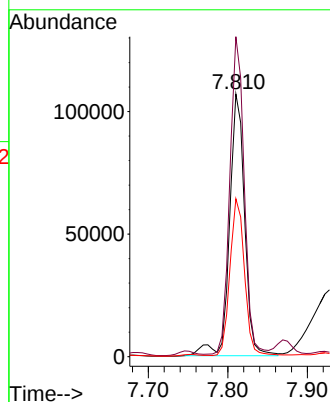
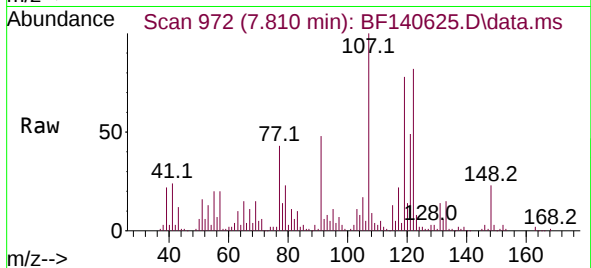
Tgt Ion:122 Resp: 140978
Ion Ratio Lower Upper
122 100
107 121.8 96.8 145.2
121 60.1 47.4 71.0

Manual Integrations

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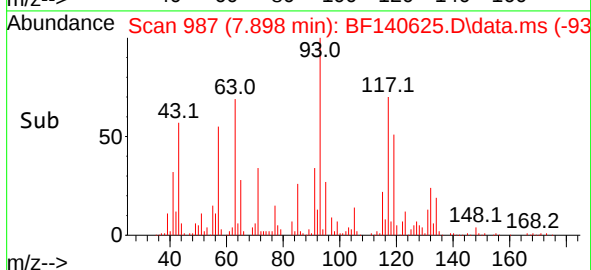
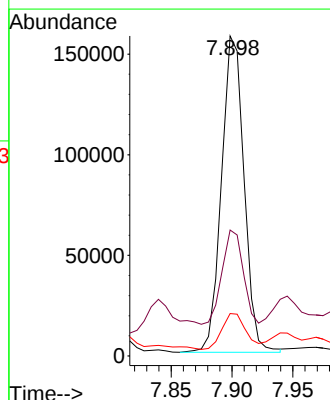
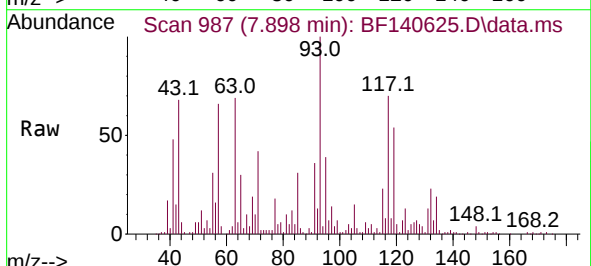
Reviewed By :Yogesh Patel 11/27/2024

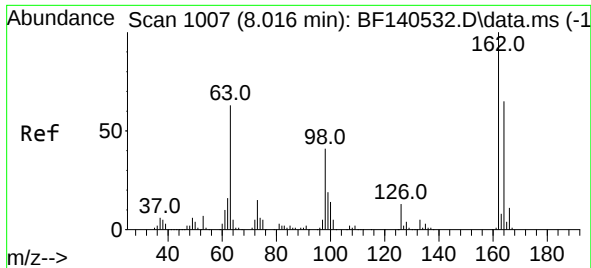
Supervised By :mohammad ahmed 11/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.334 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion: 93 Resp: 202937
Ion Ratio Lower Upper
93 100
95 39.4 26.1 39.1#
123 13.3 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 49.224 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

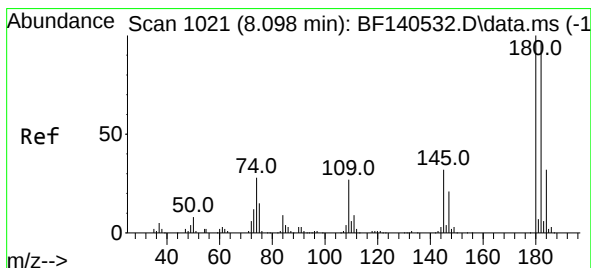
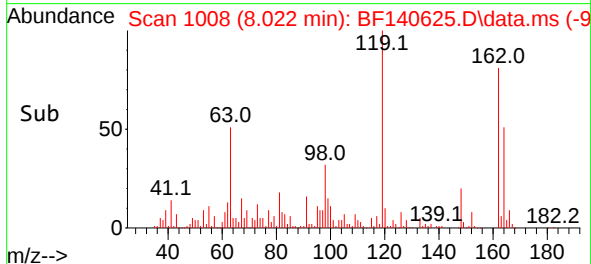
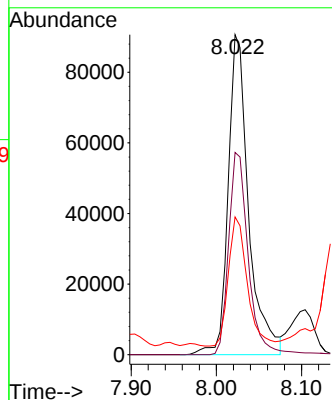
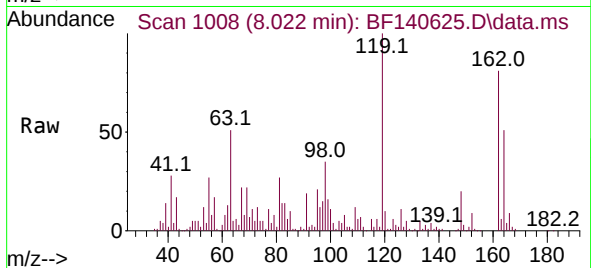
TR-05-112124MS

Tgt Ion:162 Resp: 150820
Ion Ratio Lower Upper
162 100
164 63.2 44.8 84.8
98 43.0 21.2 61.2

Manual Integrations

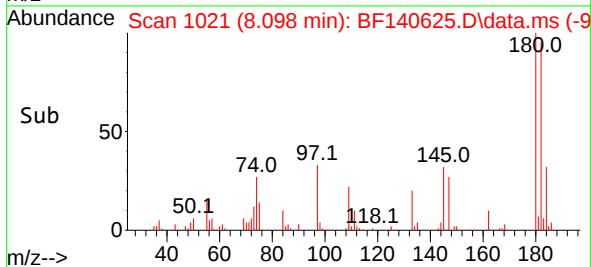
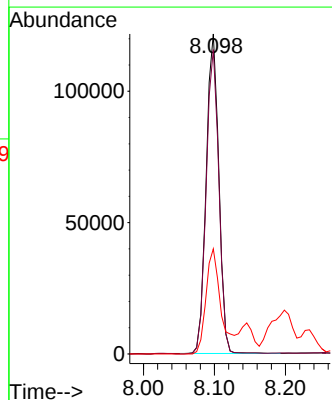
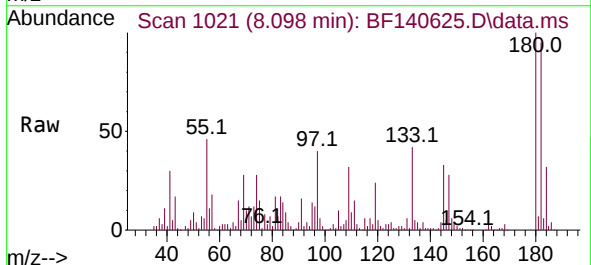
APPROVED

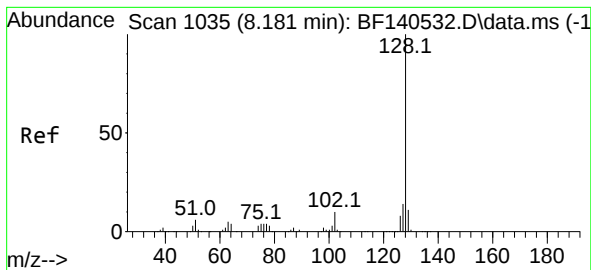
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.039 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion:180 Resp: 150565
Ion Ratio Lower Upper
180 100
182 95.1 76.4 114.6
145 32.9 25.9 38.9





#31
Naphthalene
Concen: 51.181 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

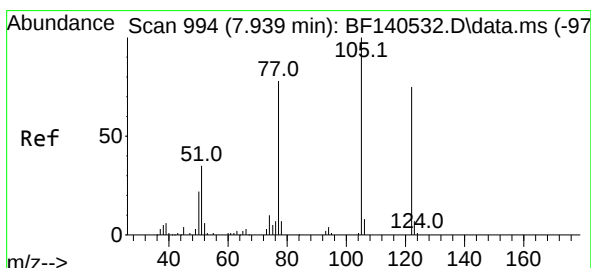
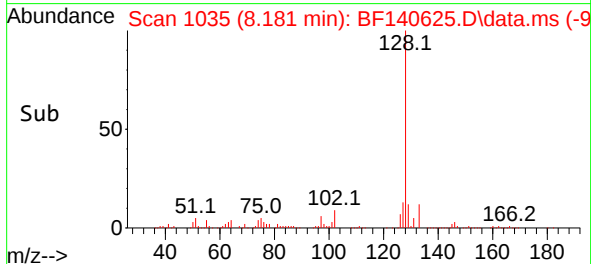
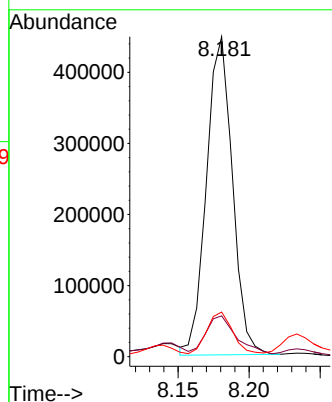
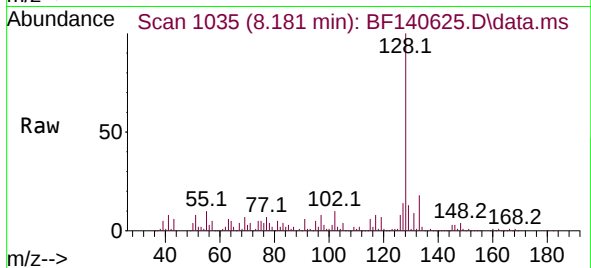
Tgt Ion:128 Resp: 568970
Ion Ratio Lower Upper
128 100
129 12.7 8.6 13.0
127 13.9 10.8 16.2

Manual Integrations

APPROVED

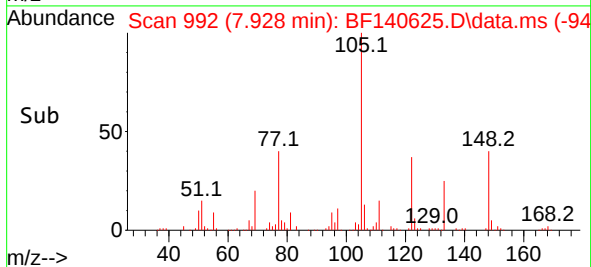
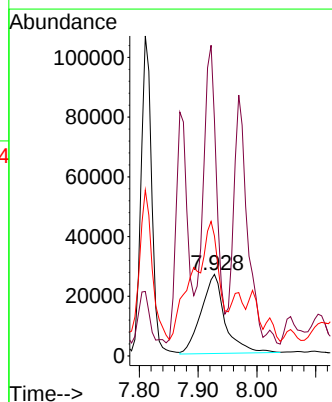
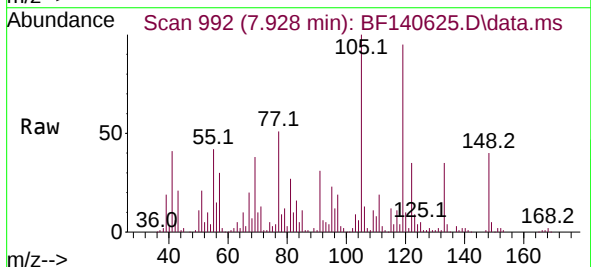
Reviewed By :Yogesh Patel 11/27/2024

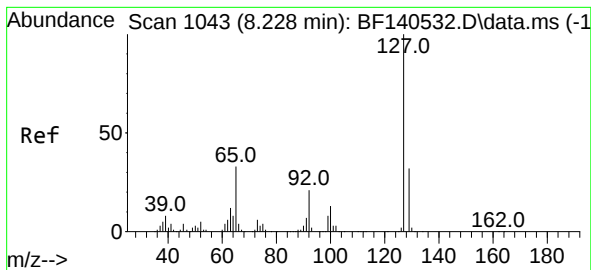
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 38.706 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.011 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion:122 Resp: 74588
Ion Ratio Lower Upper
122 100
105 289.6 109.3 149.3#
77 147.1 82.3 122.3#





#33
4-Chloroaniline
Concen: 16.130 ng
RT: 8.234 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

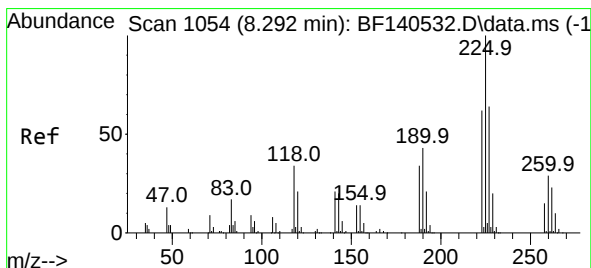
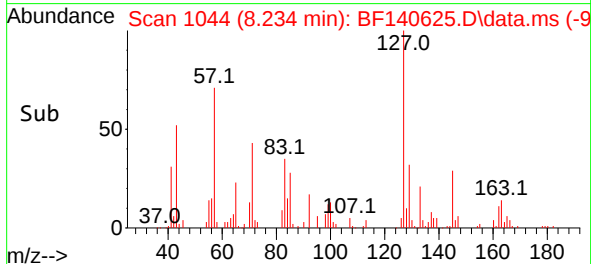
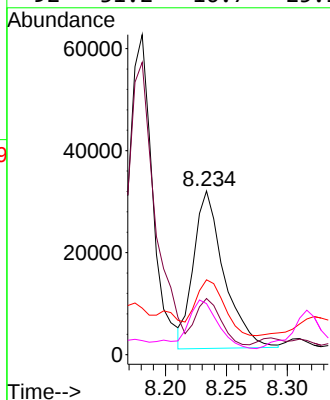
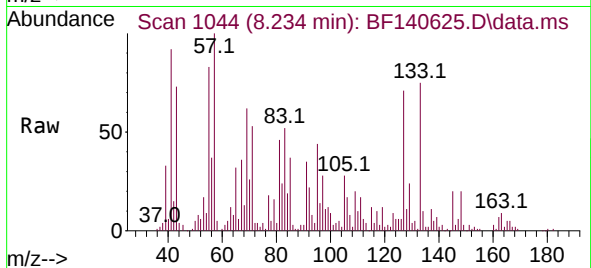
ClientSampleId :

TR-05-112124MS

Tgt Ion:127 Resp: 5368
Ion Ratio Lower Upper
127 100
129 34.3 26.0 39.0
65 45.8 26.0 39.0
92 31.2 16.7 25.1#

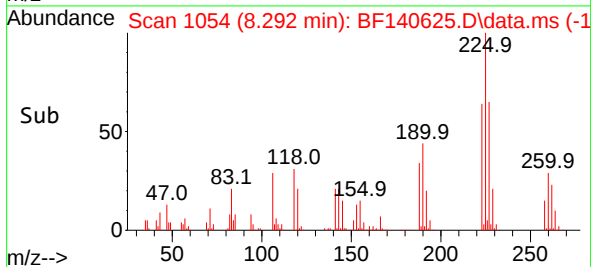
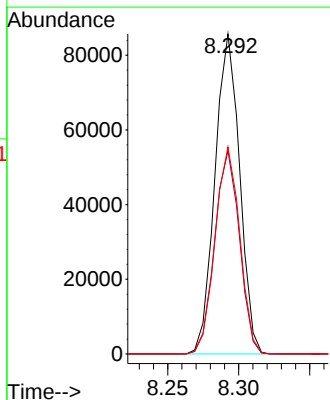
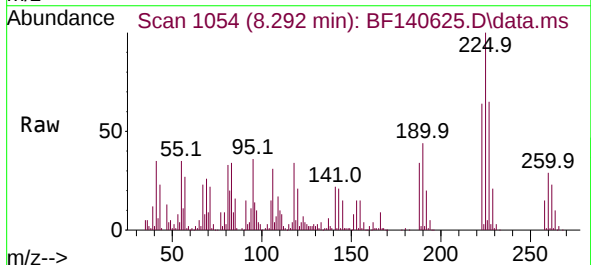
Manual Integrations
APPROVED

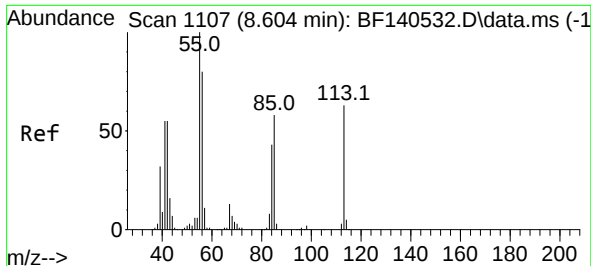
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 44.584 ng
RT: 8.292 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

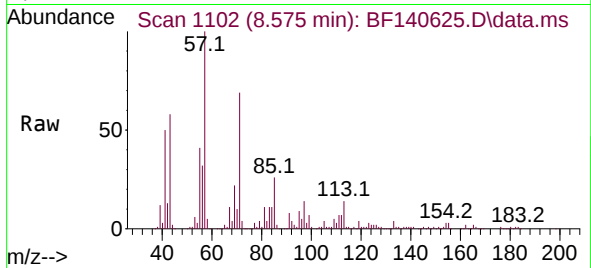
Tgt Ion:225 Resp: 103307
Ion Ratio Lower Upper
225 100
223 63.5 49.8 74.8
227 64.7 51.3 76.9





#35
Caprolactam
Concen: 71.278 ng
RT: 8.575 min Scan# 1107
Delta R.T. -0.029 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

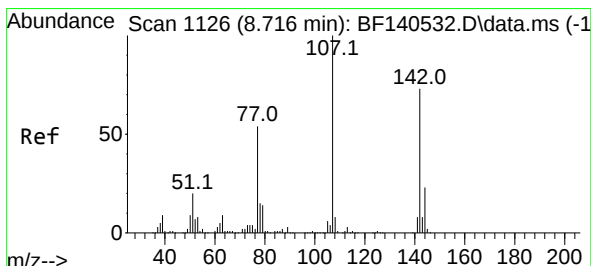
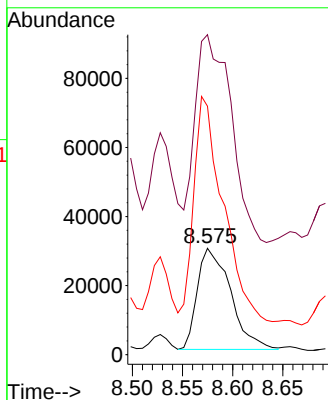
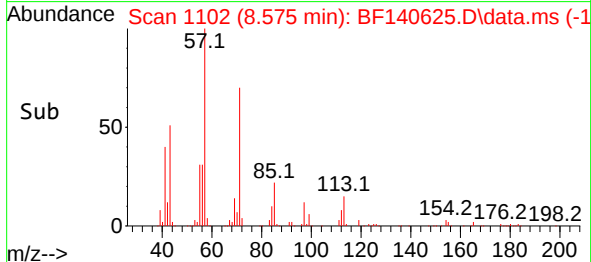
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MS



Tgt Ion:113 Resp: 6758
Ion Ratio Lower Upper
113 100
55 300.9 137.7 177.7
56 233.6 106.4 146.4

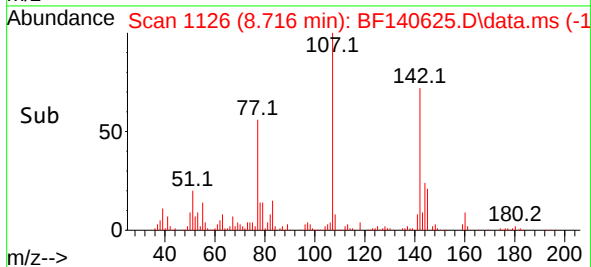
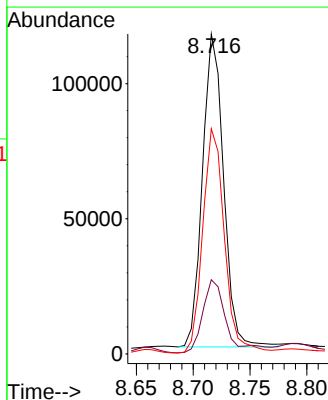
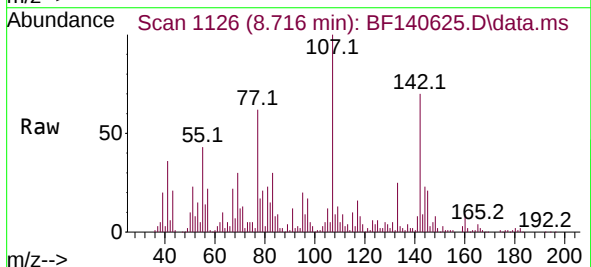
Manual Integrations
APPROVED

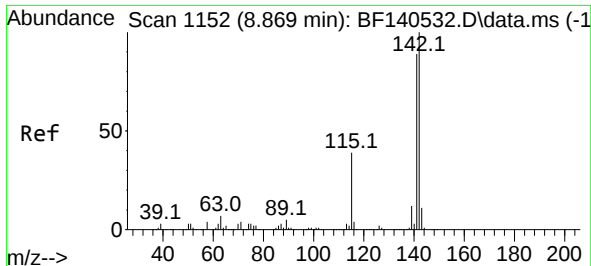
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 43.590 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion:107 Resp: 149535
Ion Ratio Lower Upper
107 100
144 23.2 18.7 28.1
142 70.4 58.3 87.5





#37

2-Methylnaphthalene

Concen: 57.461 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

Tgt Ion:142 Resp: 405732

Ion Ratio Lower Upper

142 100

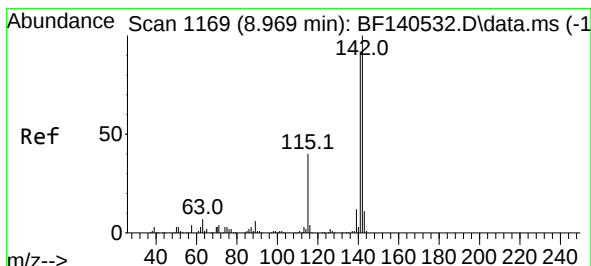
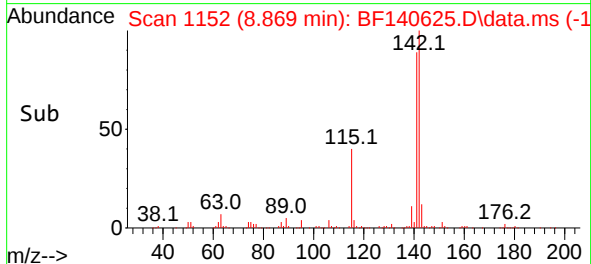
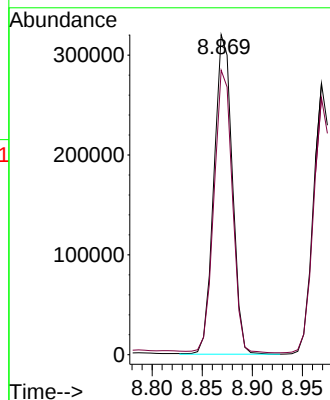
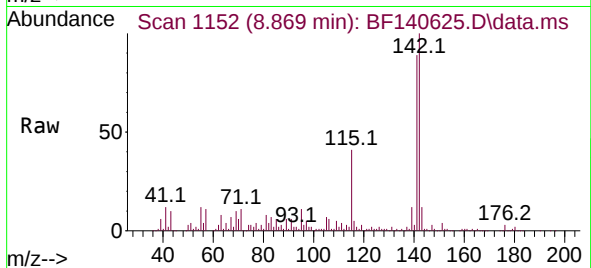
141 88.9 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#38

1-Methylnaphthalene

Concen: 48.971 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140625.D

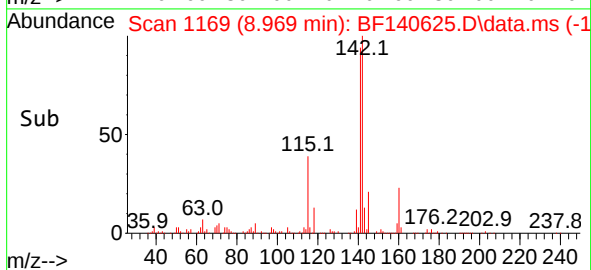
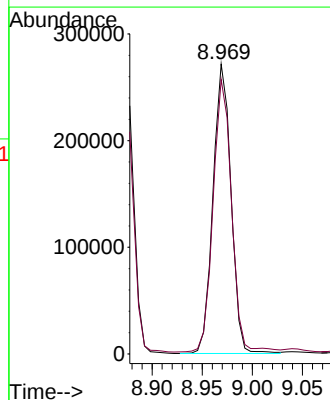
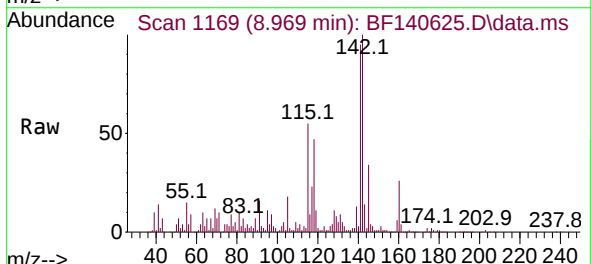
Acq: 26 Nov 2024 01:06

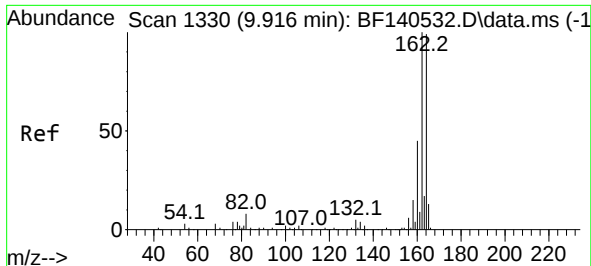
Tgt Ion:142 Resp: 338940

Ion Ratio Lower Upper

142 100

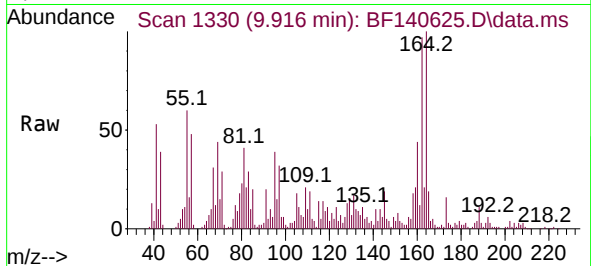
141 94.6 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

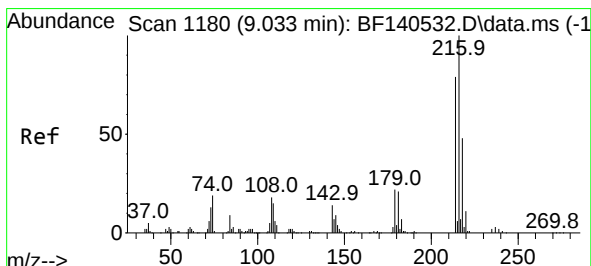
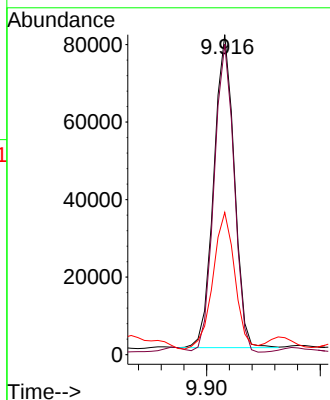
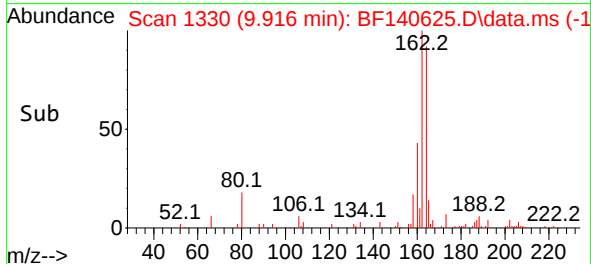
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MS



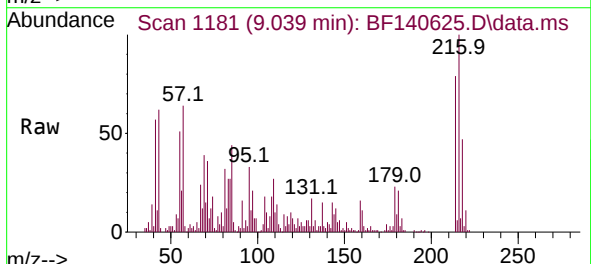
Tgt Ion:164 Resp: 10127
Ion Ratio Lower Upper
164 100
162 97.0 80.6 120.8
160 44.5 36.2 54.4

Manual Integrations
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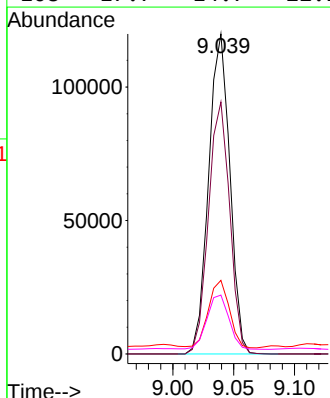
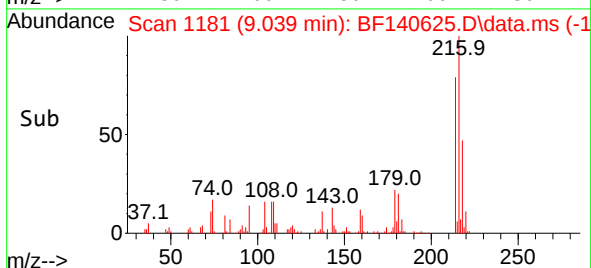
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.938 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06



Tgt Ion:216 Resp: 145097
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 22.4 17.5 26.3
108 17.7 14.7 22.1





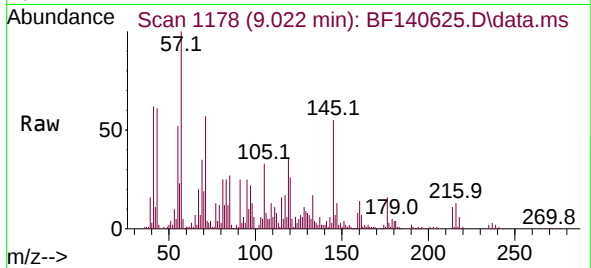
#41
Hexachlorocyclopentadiene
Concen: 13.271 ng
RT: 9.022 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS



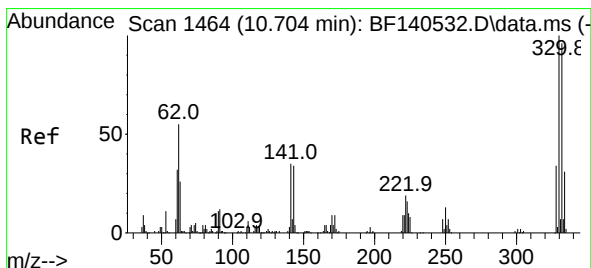
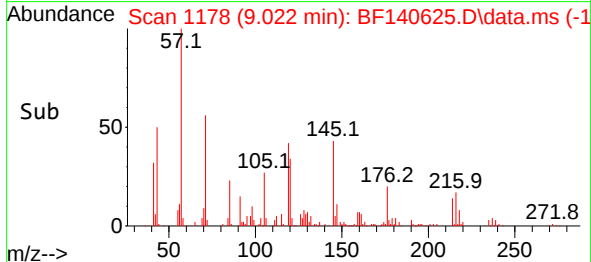
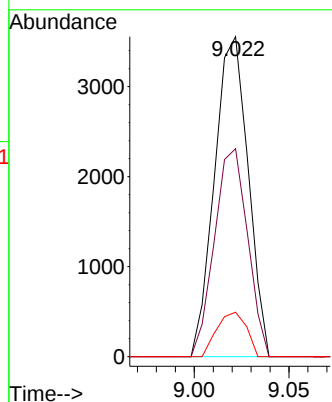
Tgt Ion:237 Resp: 4384
Ion Ratio Lower Upper
237 100
235 65.0 41.1 81.1
272 13.9 0.0 32.6

Manual Integrations

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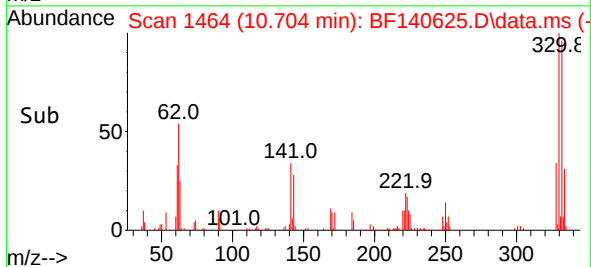
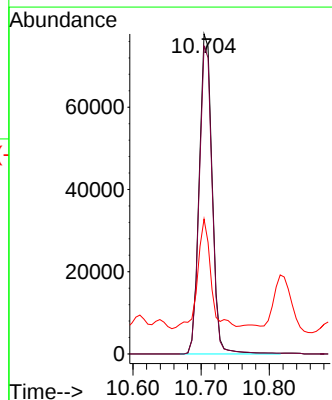
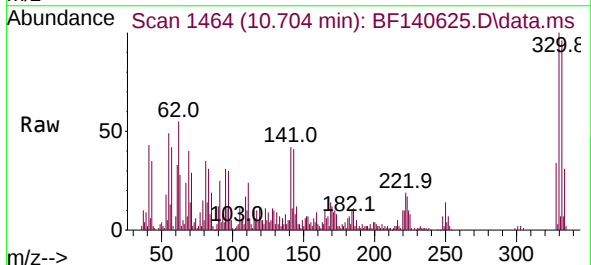
Reviewed By :Yogesh Patel 11/27/2024

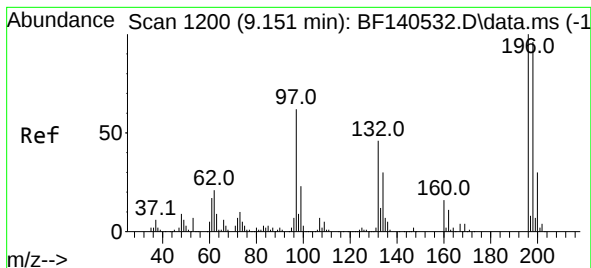
Supervised By :mohammad ahmed 11/27/2024



#42
2,4,6-Tribromophenol
Concen: 95.022 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion:330 Resp: 102925
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 35.6 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 48.886 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

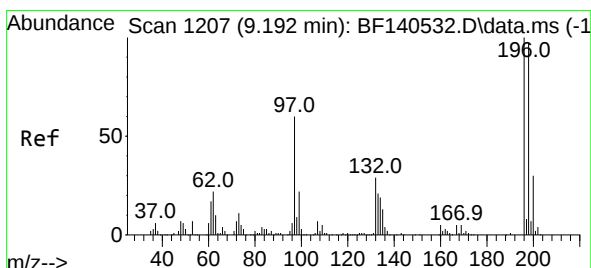
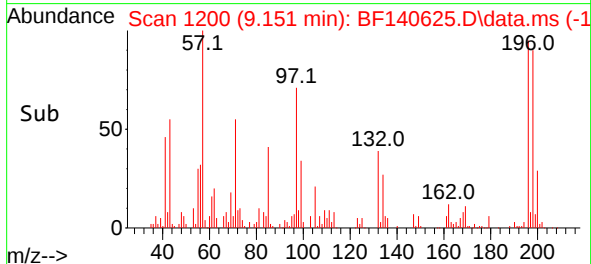
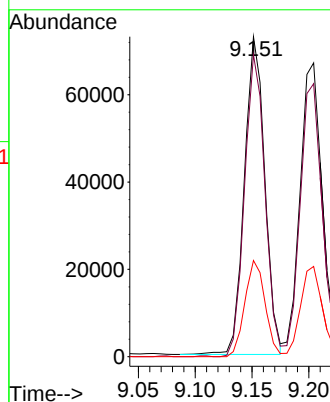
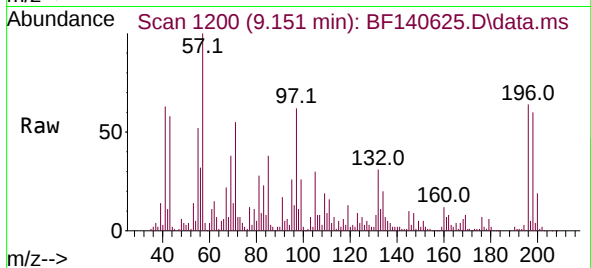
Tgt Ion:196 Resp: 90950
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.8 115.2
 200 30.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#44

2,4,5-Trichlorophenol

Concen: 44.837 ng

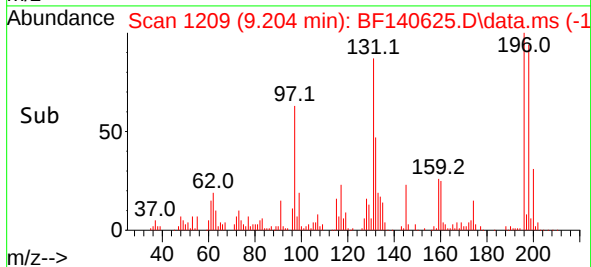
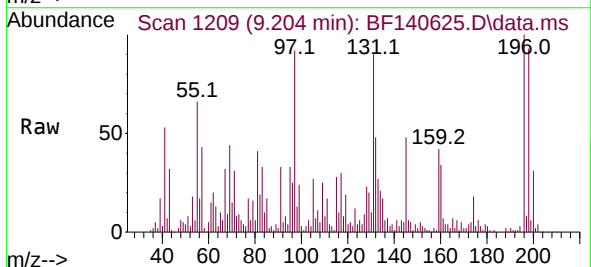
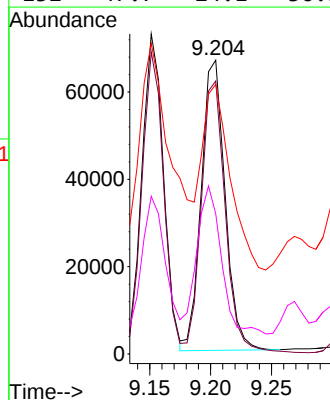
RT: 9.204 min Scan# 1209

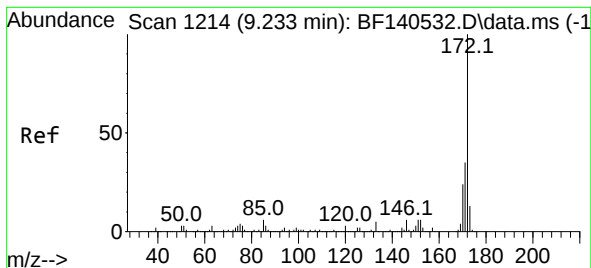
Delta R.T. 0.012 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Tgt Ion:196 Resp: 90531
 Ion Ratio Lower Upper
 196 100
 198 92.9 77.2 115.8
 97 91.7 47.1 70.7#
 132 47.7 24.1 36.1#





#45

2-Fluorobiphenyl

Concen: 76.103 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

Tgt Ion:172 Resp: 517304

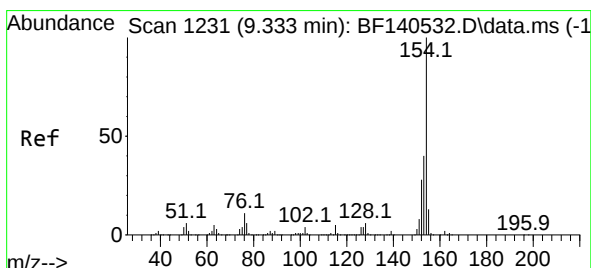
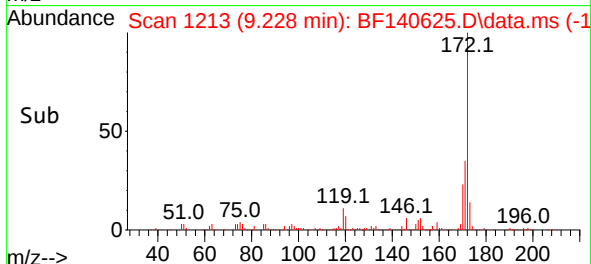
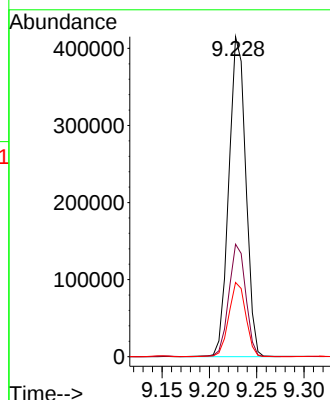
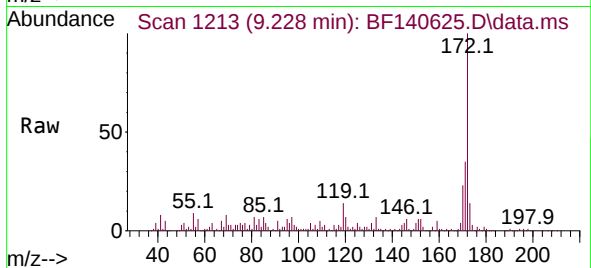
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.4	42.6
170	23.2	19.0	28.6

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#46

1,1'-Biphenyl

Concen: 54.049 ng

RT: 9.334 min Scan# 1231

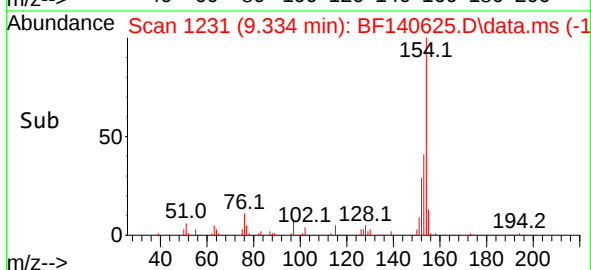
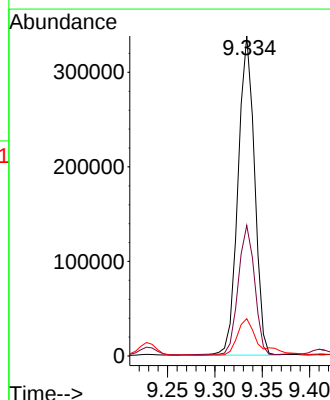
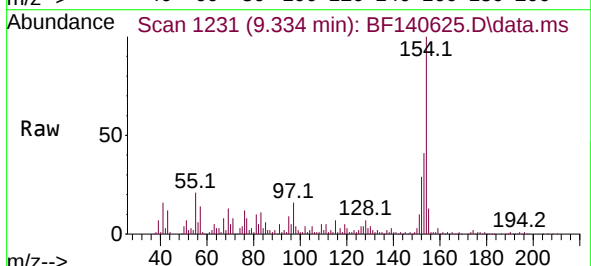
Delta R.T. 0.000 min

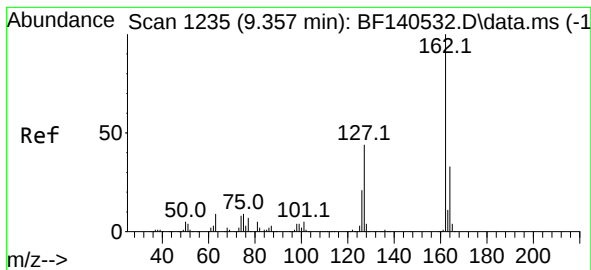
Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Tgt Ion:154 Resp: 408689

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	11.6	0.0	31.2





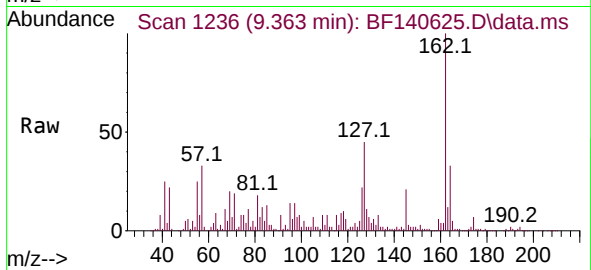
#47
2-Chloronaphthalene
Concen: 46.912 ng
RT: 9.363 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS



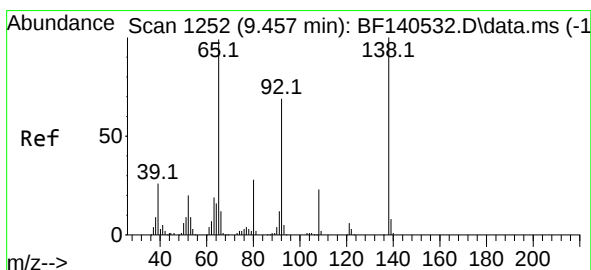
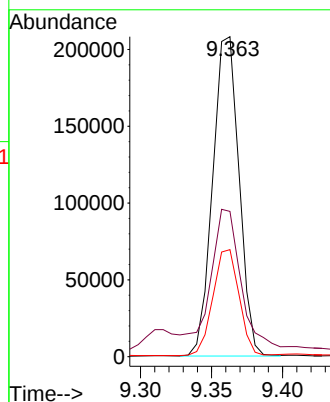
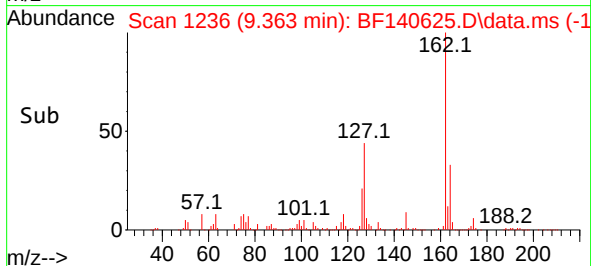
Tgt Ion:162 Resp: 268779
Ion Ratio Lower Upper
162 100
127 45.4 35.7 53.5
164 33.4 26.1 39.1

Manual Integrations

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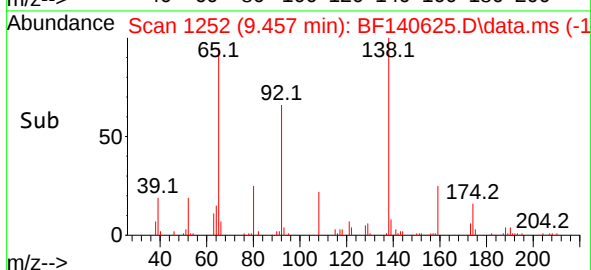
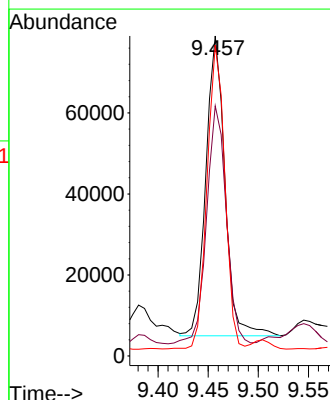
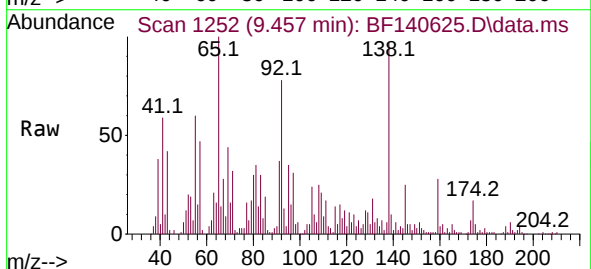
Reviewed By :Yogesh Patel 11/27/2024

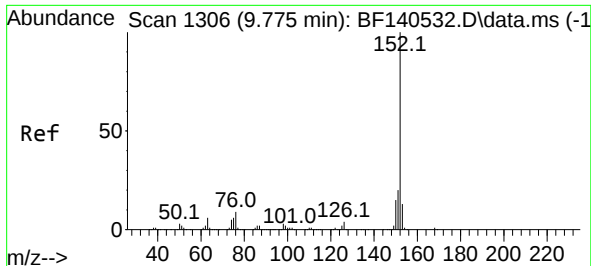
Supervised By :mohammad ahmed 11/27/2024



#48
2-Nitroaniline
Concen: 53.267 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion: 65 Resp: 97960
Ion Ratio Lower Upper
65 100
92 78.2 56.1 84.1
138 97.2 81.0 121.6





#49
Acenaphthylene
Concen: 49.873 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

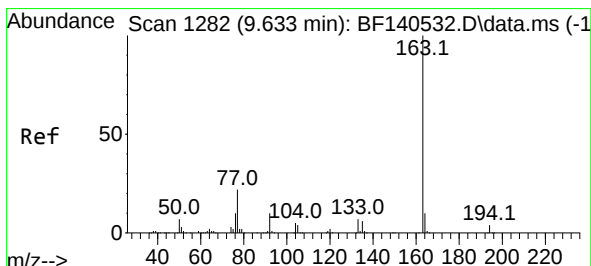
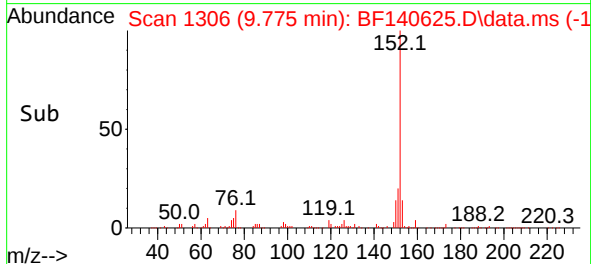
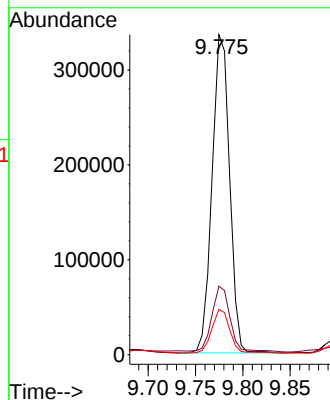
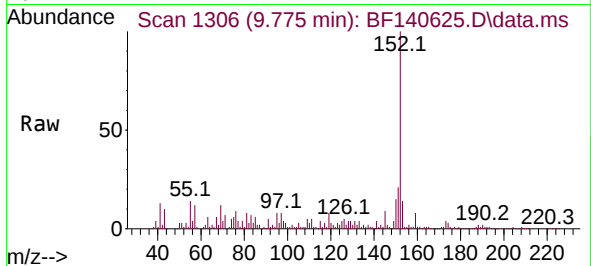
Tgt Ion:152 Resp: 431740
Ion Ratio Lower Upper
152 100
151 21.4 15.9 23.9
153 14.1 10.6 16.0

Manual Integrations

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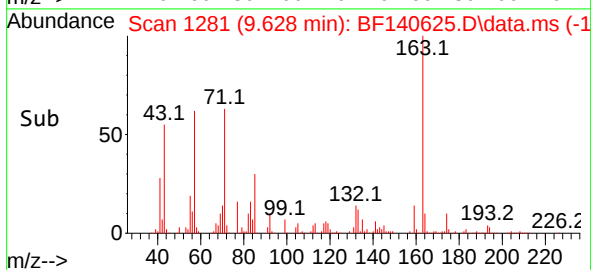
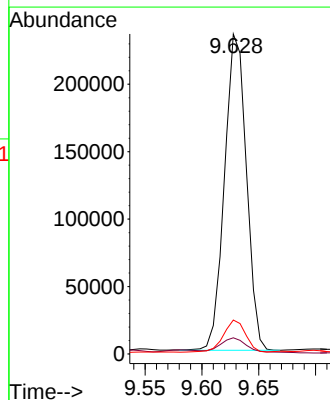
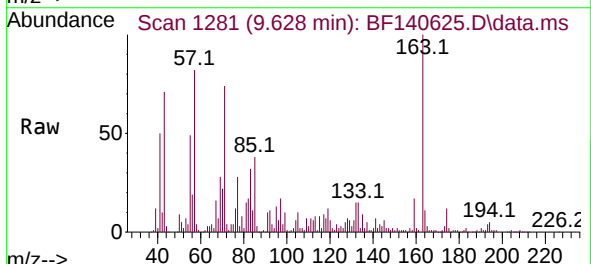
Reviewed By :Yogesh Patel 11/27/2024

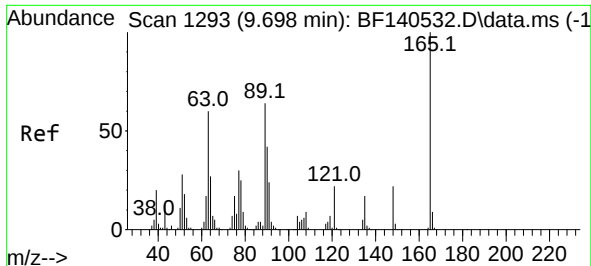
Supervised By :mohammad ahmed 11/27/2024



#50
Dimethylphthalate
Concen: 47.148 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

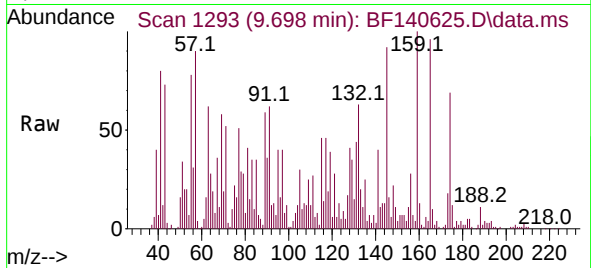
Tgt Ion:163 Resp: 314478
Ion Ratio Lower Upper
163 100
194 5.1 3.1 4.7#
164 10.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.736 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

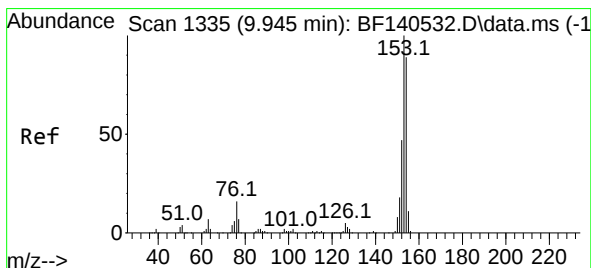
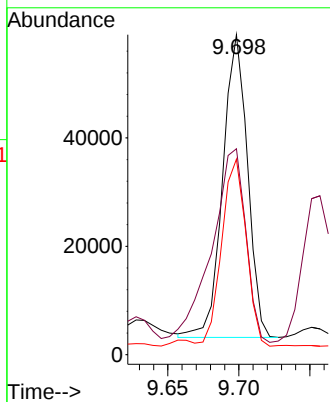
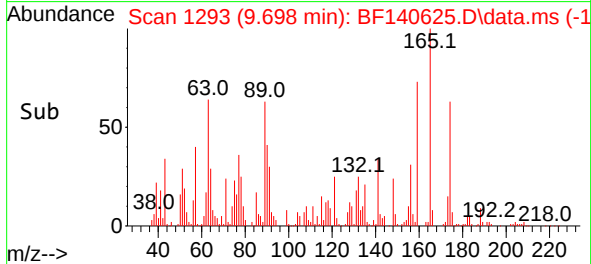
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MS



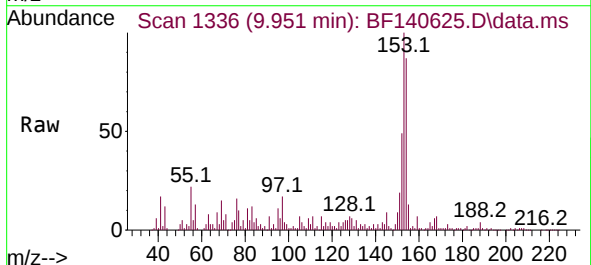
Tgt Ion:165 Resp: 67674
Ion Ratio Lower Upper
165 100
63 64.3 49.9 74.9
89 61.1 50.9 76.3

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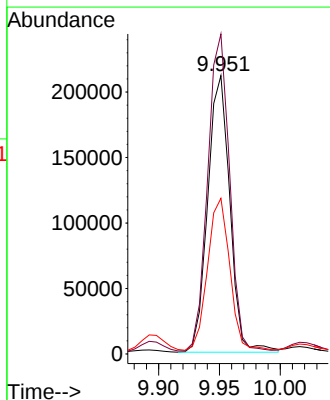
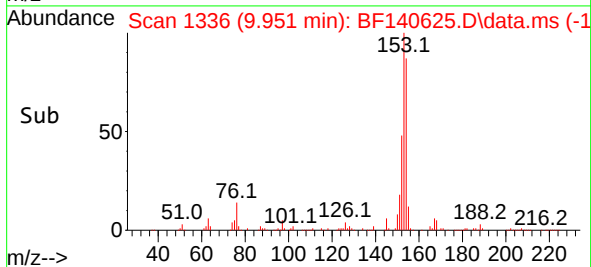
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

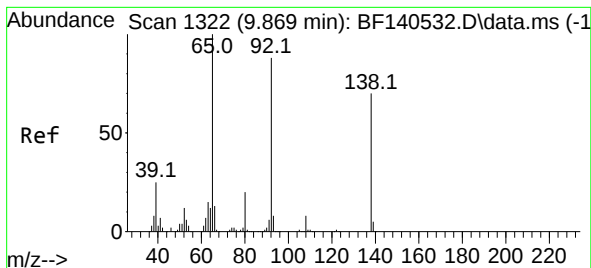


#52
Acenaphthene
Concen: 48.643 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06



Tgt Ion:154 Resp: 267560
Ion Ratio Lower Upper
154 100
153 114.9 89.7 134.5
152 55.9 42.5 63.7





#53
3-Nitroaniline
Concen: 32.245 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

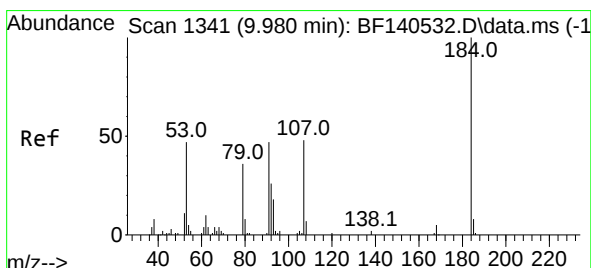
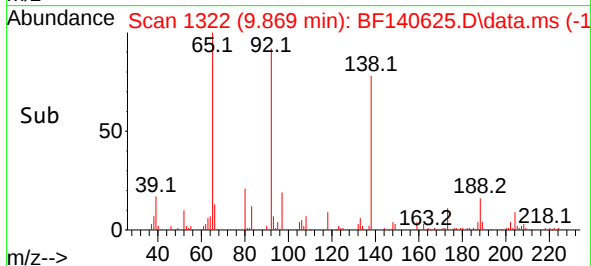
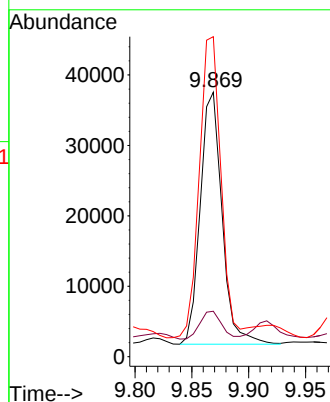
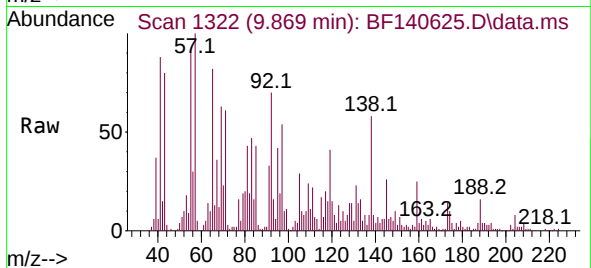
Tgt Ion:138 Resp: 4770
Ion Ratio Lower Upper
138 100
108 17.2 9.2 13.8
92 121.0 100.6 150.8

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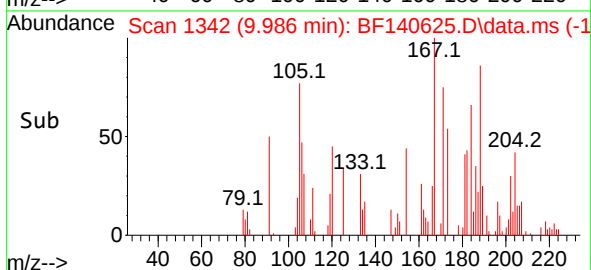
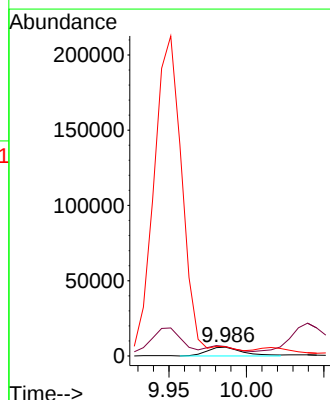
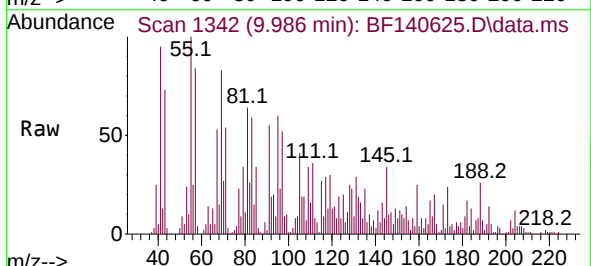
Reviewed By :Yogesh Patel 11/27/2024

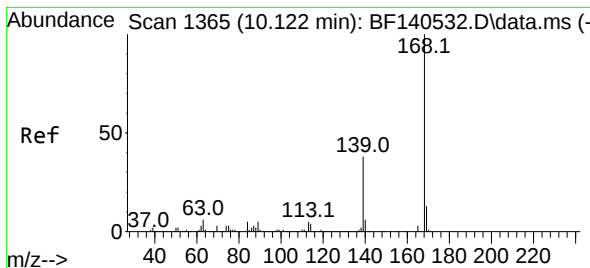
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 18.704 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

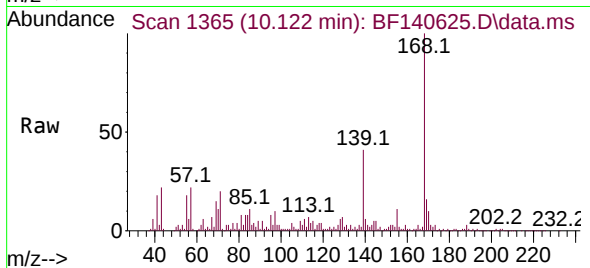
Tgt Ion:184 Resp: 9449
Ion Ratio Lower Upper
184 100
63 107.2 54.1 81.1#
154 104.8 57.4 86.0#





#55
Dibenzenofuran
Concen: 45.896 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

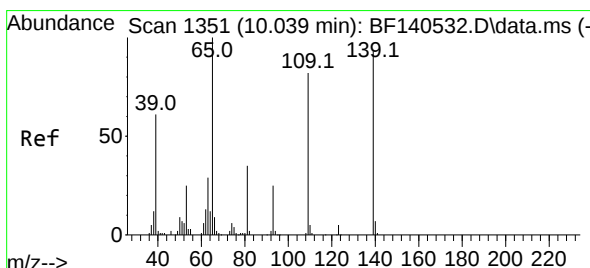
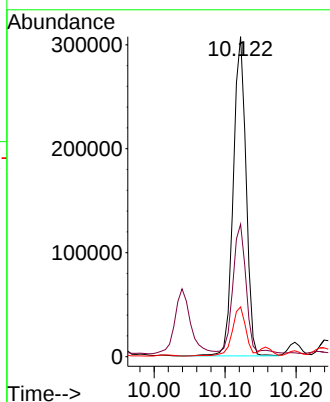
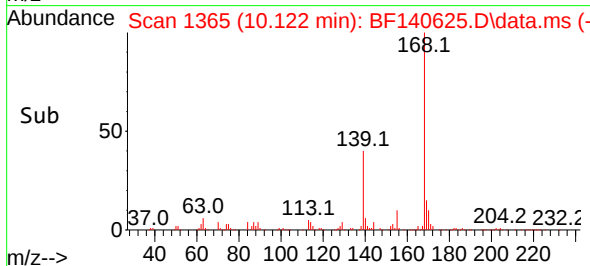
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MS



Tgt Ion:168 Resp: 385064
Ion Ratio Lower Upper
168 100
139 41.4 31.3 46.9
169 15.6 10.5 15.7

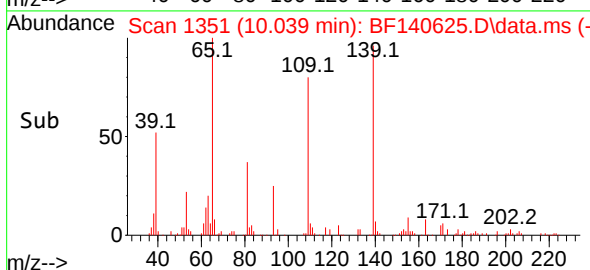
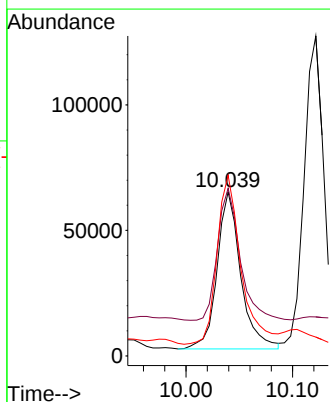
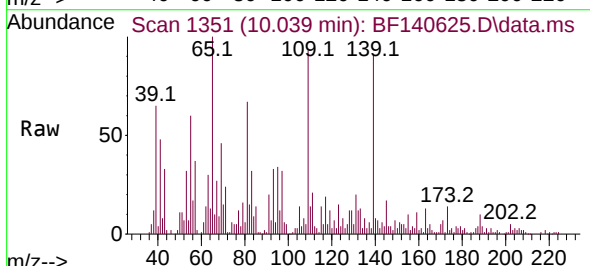
Manual Integrations
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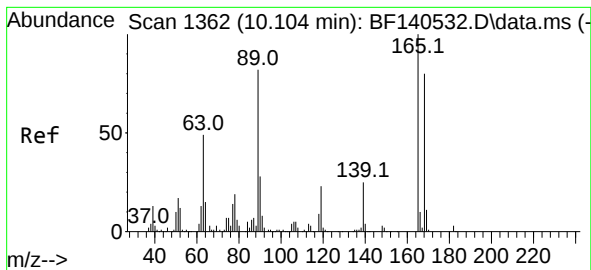
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 95.324 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion:139 Resp: 96185
Ion Ratio Lower Upper
139 100
109 102.2 68.4 108.4
65 110.2 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 44.863 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

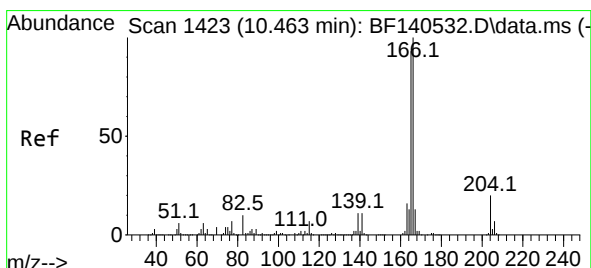
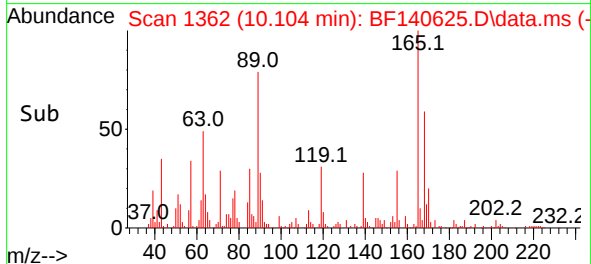
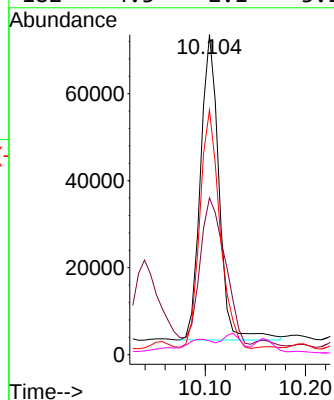
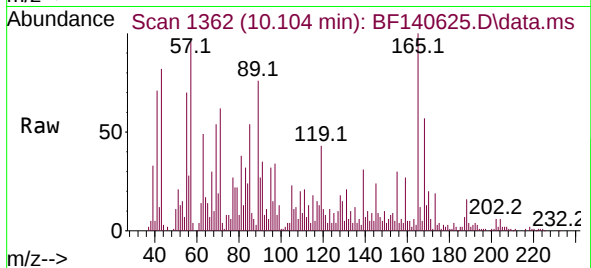
Tgt Ion:165 Resp: 90190
Ion Ratio Lower Upper
165 100
63 49.0 41.7 62.5
89 76.5 65.8 98.8
182 4.3 2.1 3.1#

Manual Integrations

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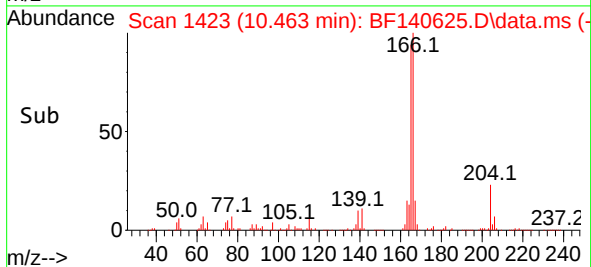
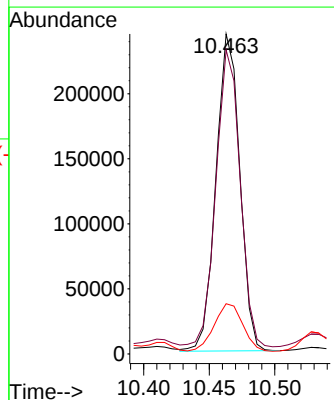
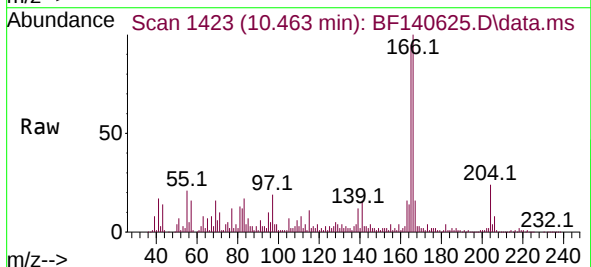
Reviewed By :Yogesh Patel 11/27/2024

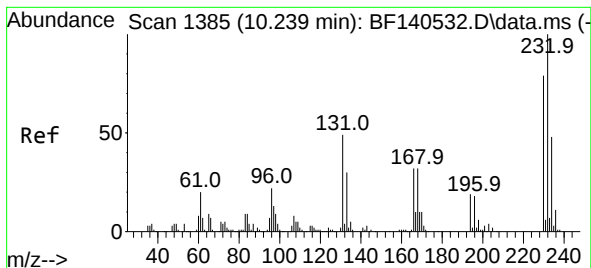
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 45.688 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

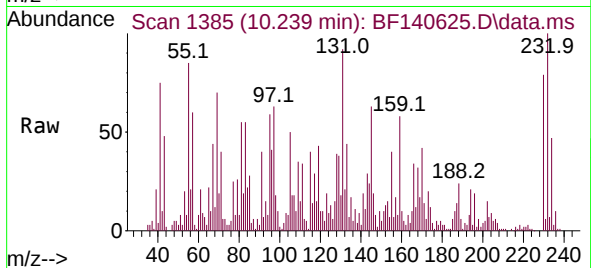
Tgt Ion:166 Resp: 307685
Ion Ratio Lower Upper
166 100
165 95.0 74.6 111.8
167 15.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.617 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

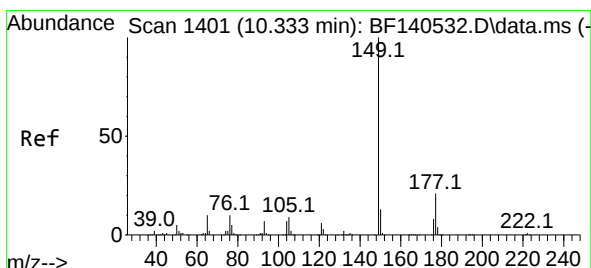
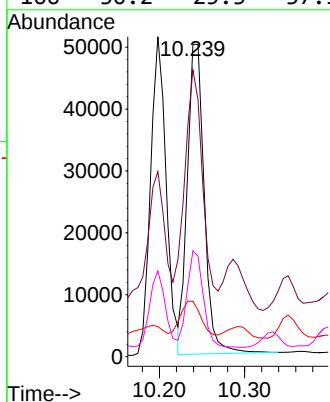
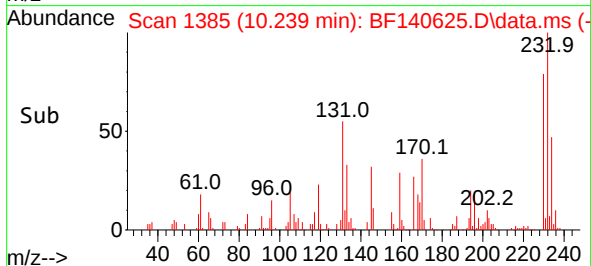
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MS



Tgt Ion:232 Resp: 69235
Ion Ratio Lower Upper
232 100
131 78.5 39.6 59.4
130 12.5 1.9 2.9
166 30.2 25.3 37.9

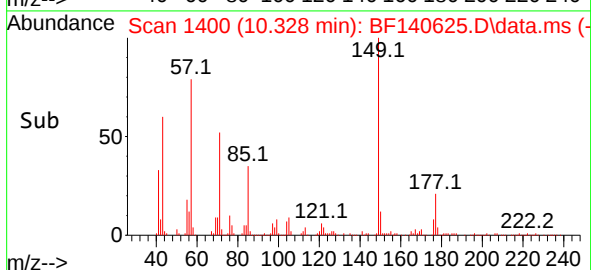
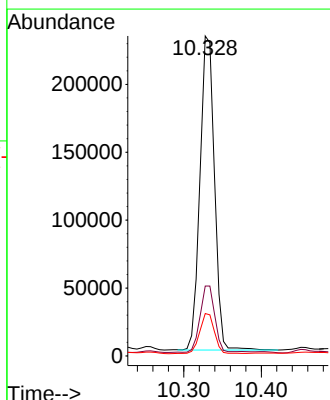
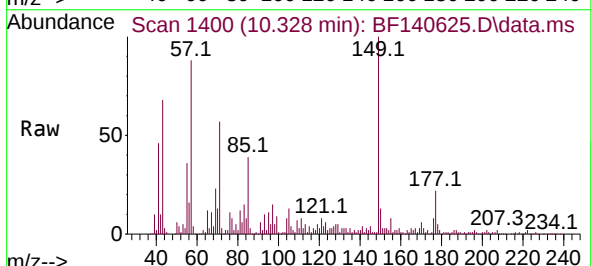
Manual Integrations
APPROVED

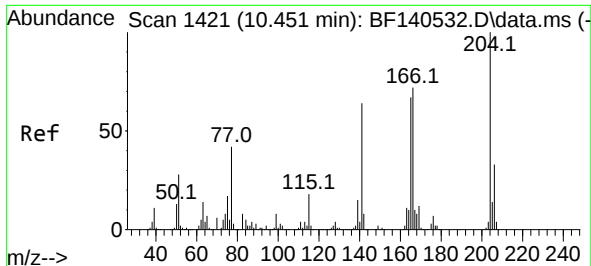
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 44.440 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

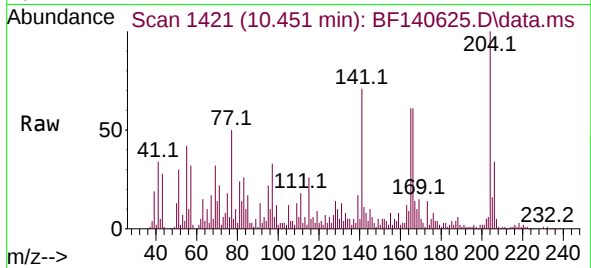
Tgt Ion:149 Resp: 301168
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 13.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.082 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

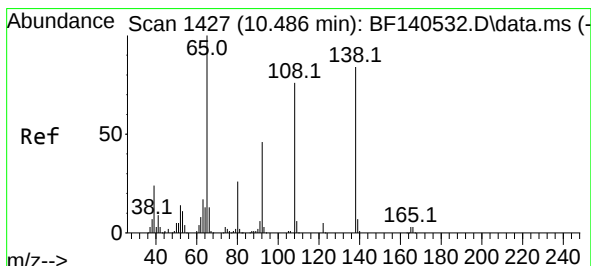
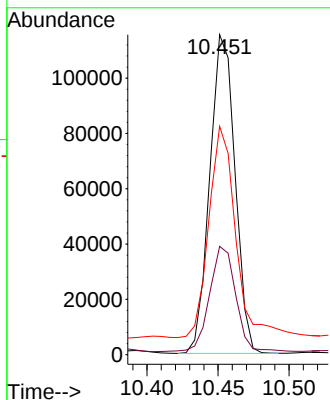
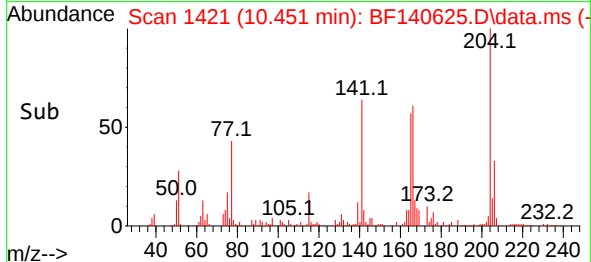
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MS



Tgt Ion:204 Resp: 14238
Ion Ratio Lower Upper
204 100
206 33.8 26.6 40.0
141 71.3 51.1 76.7

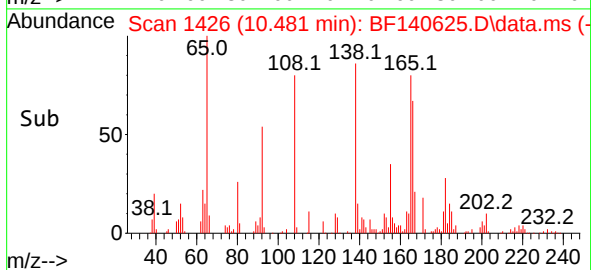
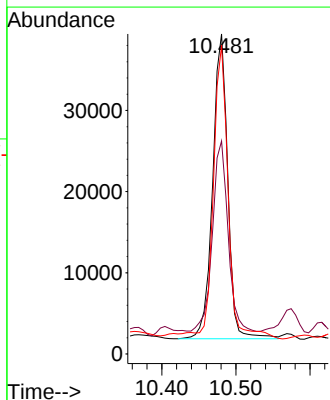
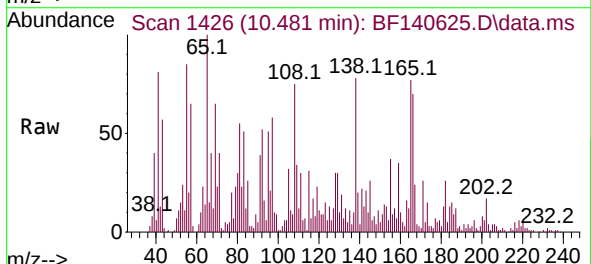
Manual Integrations
APPROVED

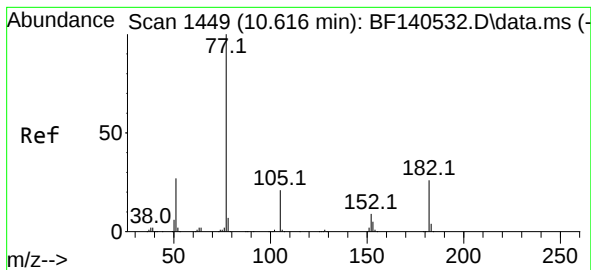
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 34.243 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

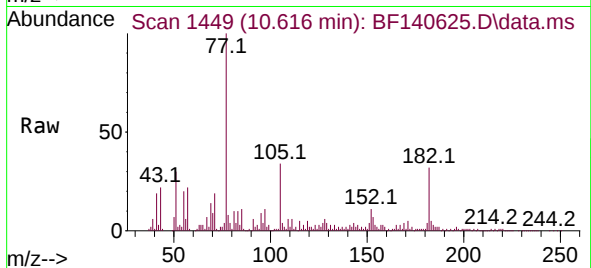
Tgt Ion:138 Resp: 53136
Ion Ratio Lower Upper
138 100
92 66.6 34.5 74.5
108 96.4 70.6 110.6





#63
Azobenzene
Concen: 51.982 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

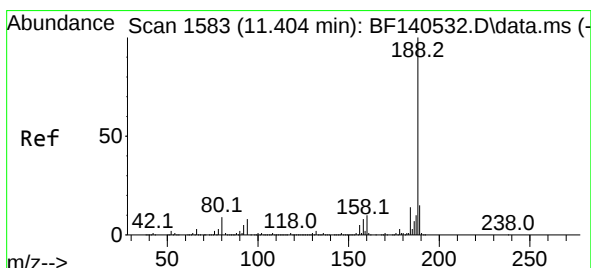
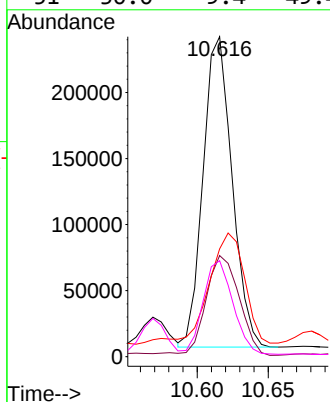
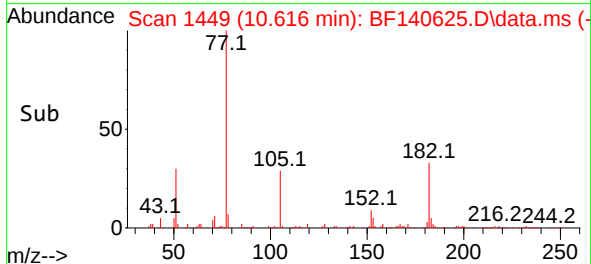
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MS



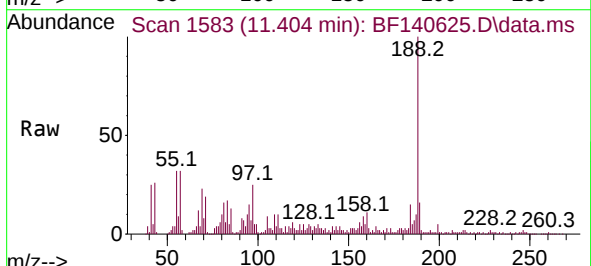
Tgt Ion: 77 Resp: 33360
Ion Ratio Lower Upper
77 100
182 31.6 5.3 45.3
105 33.7 0.3 40.3
51 30.0 9.4 49.4

Manual Integrations
APPROVED

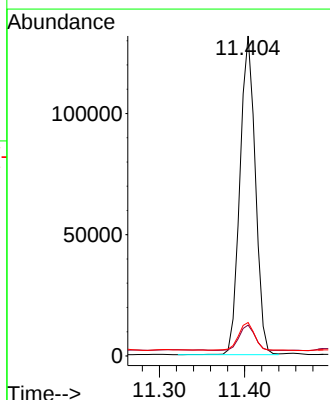
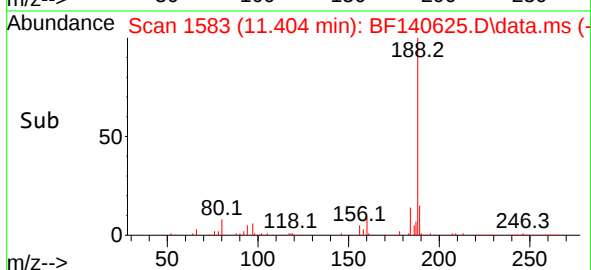
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

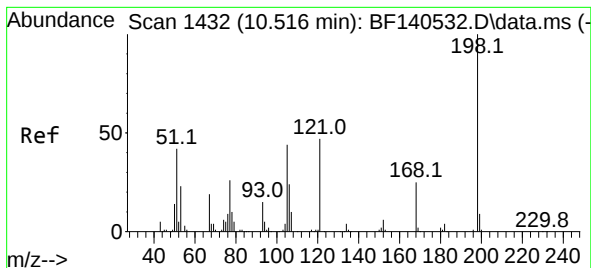


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06



Tgt Ion:188 Resp: 165277
Ion Ratio Lower Upper
188 100
94 9.7 6.4 9.6#
80 10.4 6.9 10.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 10.930 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

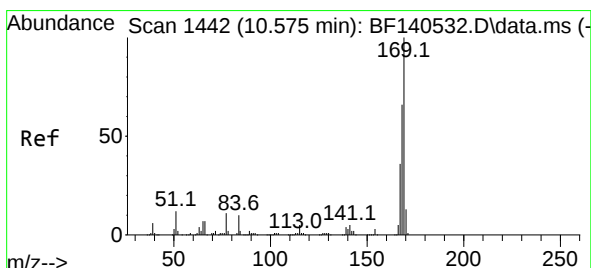
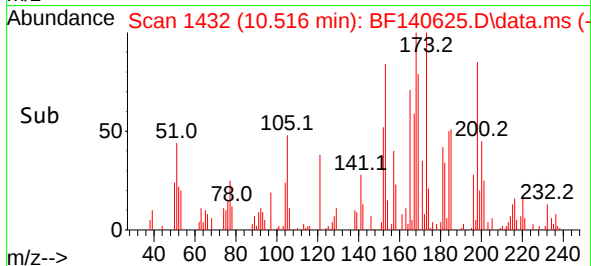
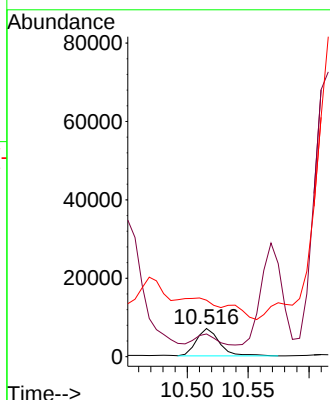
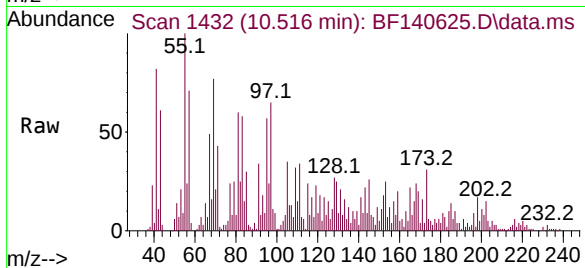
TR-05-112124MS

Tgt Ion:198 Resp: 923
Ion Ratio Lower Upper
198 100
51 80.6 29.4 69.4
105 200.7 25.4 65.4

Manual Integrations

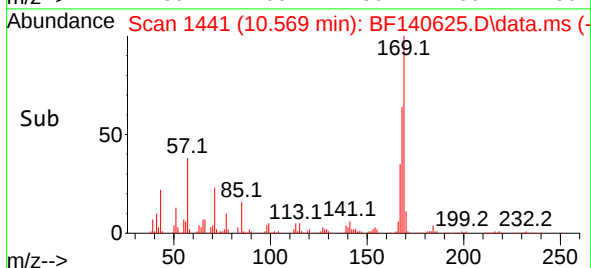
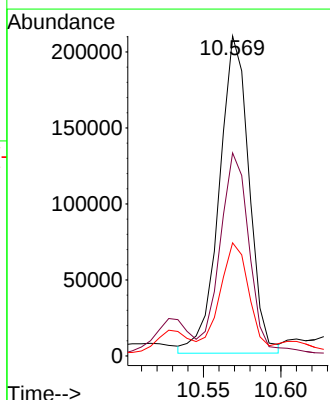
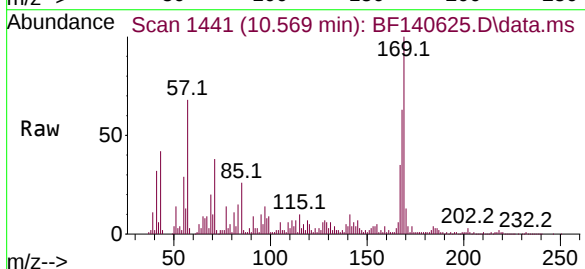
APPROVED

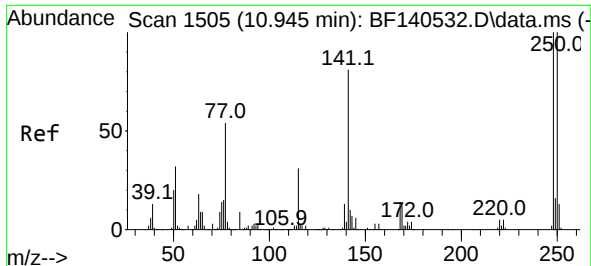
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 57.132 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion:169 Resp: 279240
Ion Ratio Lower Upper
169 100
168 63.4 53.2 79.8
167 35.3 29.0 43.6





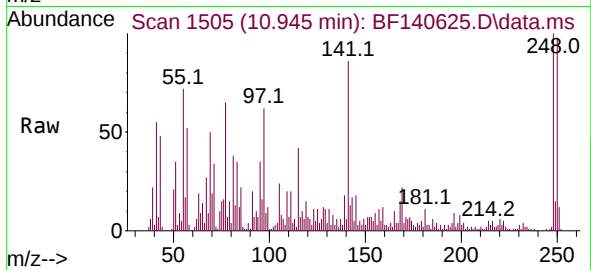
#67
4-Bromophenyl-phenylether
Concen: 49.166 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS



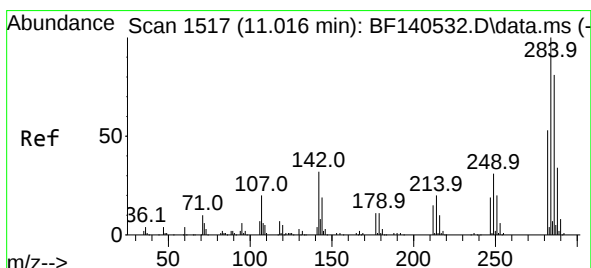
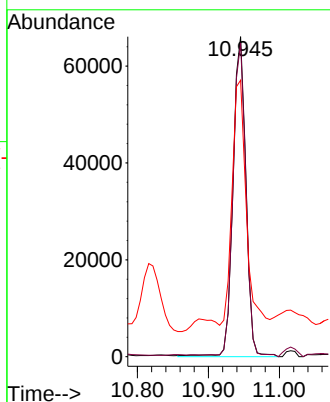
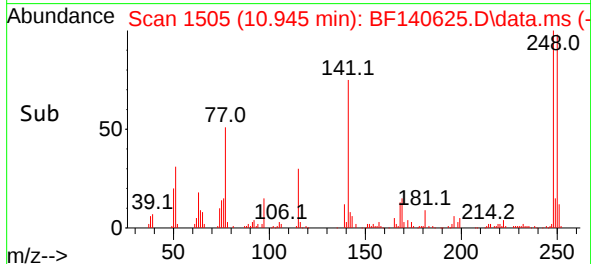
Tgt Ion:248 Resp: 8368
Ion Ratio Lower Upper
248 100
250 98.0 79.8 119.8
141 86.4 64.7 97.1

Manual Integrations

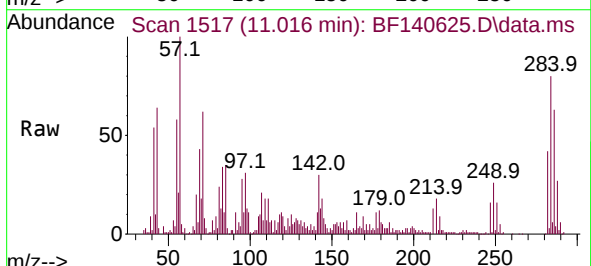
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

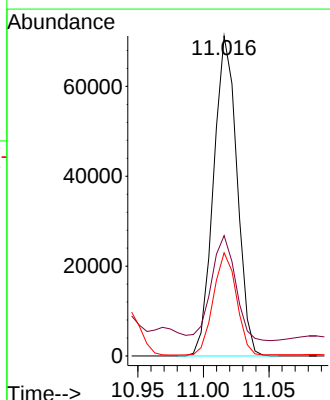
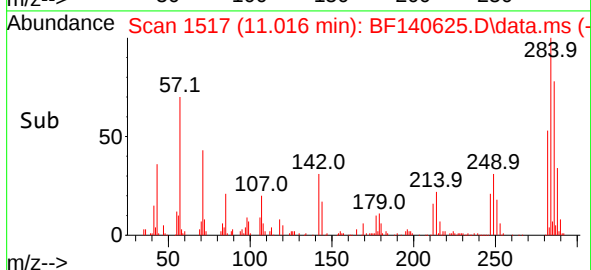
Supervised By :mohammad ahmed 11/27/2024



#68
Hexachlorobenzene
Concen: 44.818 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06



Tgt Ion:284 Resp: 88330
Ion Ratio Lower Upper
284 100
142 37.6 25.3 37.9
249 32.2 24.8 37.2





#69

Atrazine

Concen: 62.868 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

Tgt Ion:200 Resp: 8644

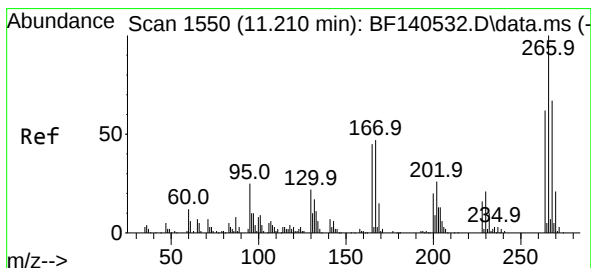
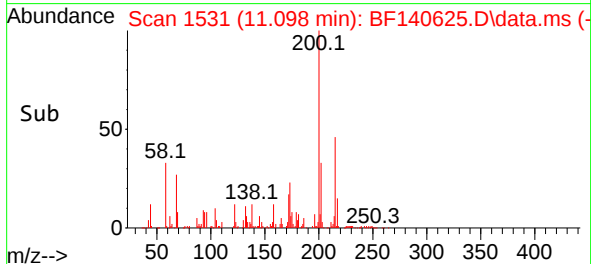
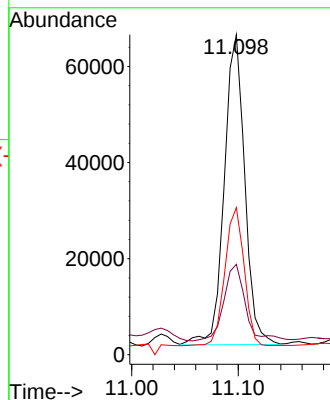
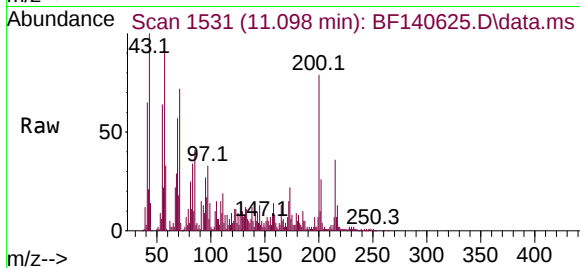
Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.0	47.0
215	45.9	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 94.692 ng

RT: 11.210 min Scan# 1550

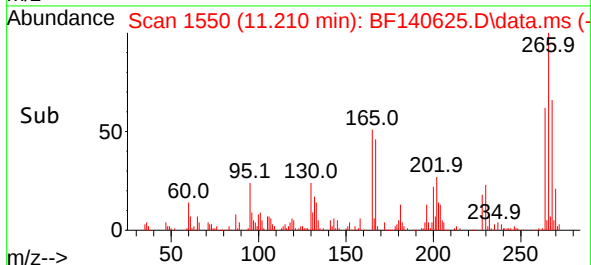
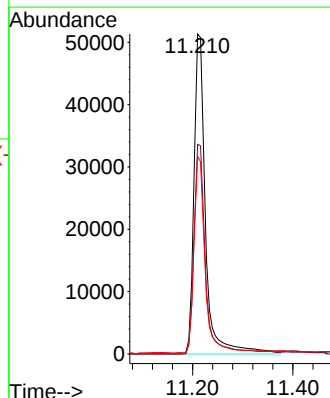
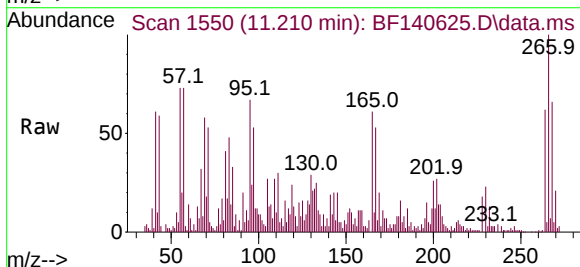
Delta R.T. -0.000 min

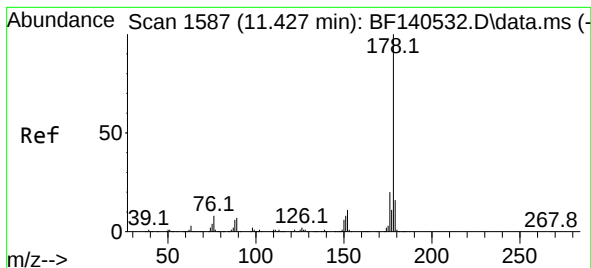
Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Tgt Ion:266 Resp: 82138

Ion	Ratio	Lower	Upper
266	100		
268	65.5	53.7	80.5
264	61.7	49.8	74.8





#71

Phenanthrene

Concen: 60.774 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

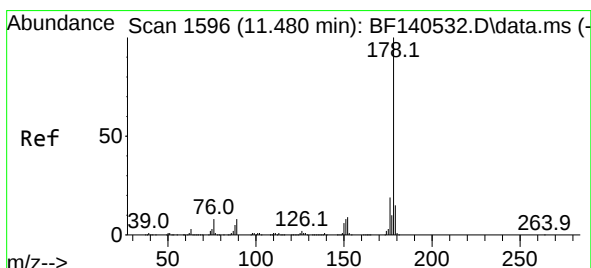
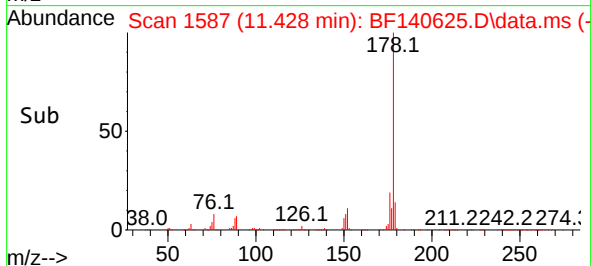
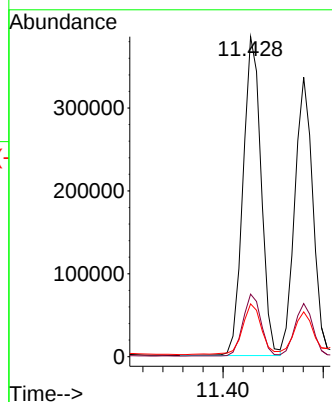
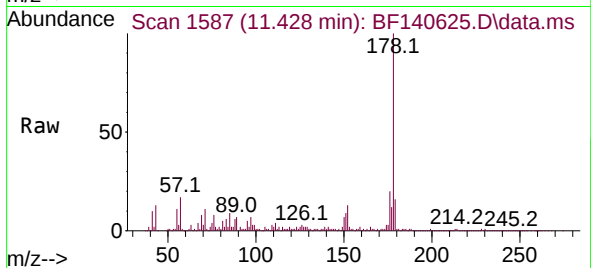
Tgt Ion:178 Resp: 482834
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 16.5 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#72

Anthracene

Concen: 53.235 ng

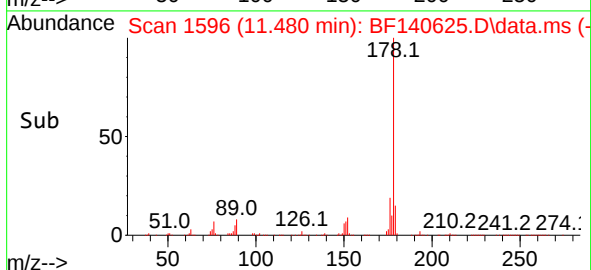
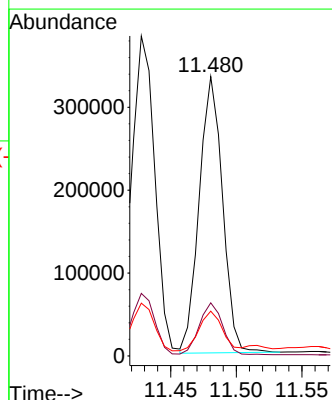
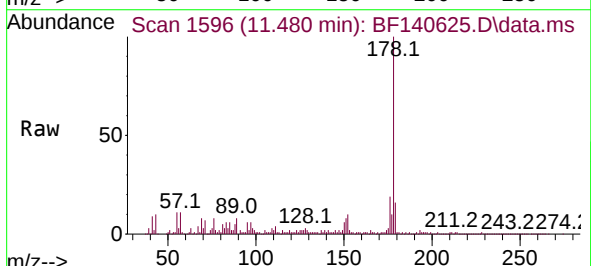
RT: 11.480 min Scan# 1596

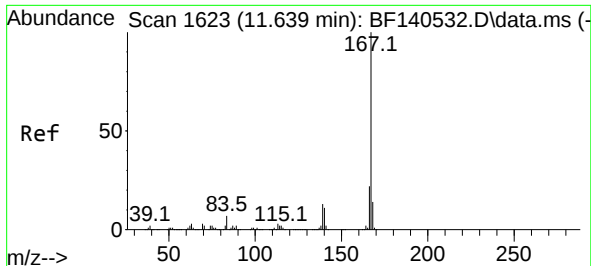
Delta R.T. 0.000 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Tgt Ion:178 Resp: 413714
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.0 22.4
 179 16.1 12.2 18.4





#73
 Carbazole
 Concen: 49.900 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140625.D
 Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

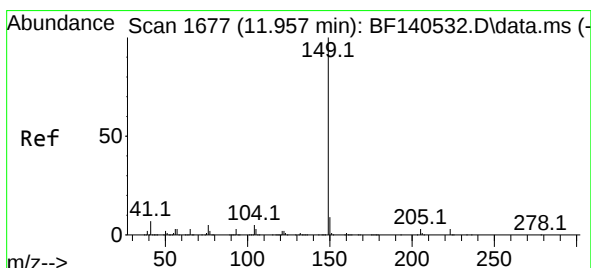
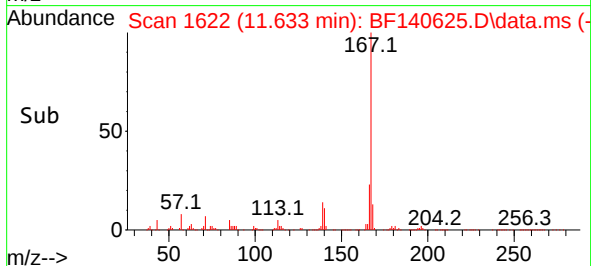
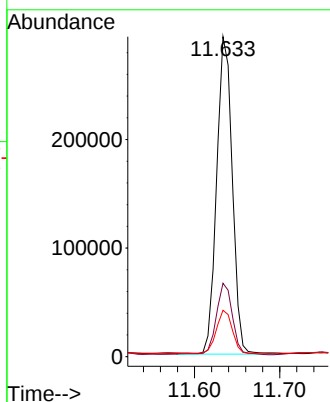
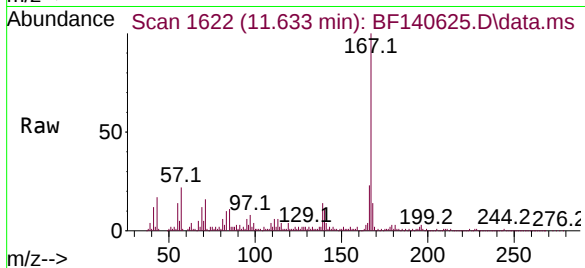
TR-05-112124MS

Tgt Ion:167 Resp: 37305
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.2 25.8
 139 14.5 10.6 15.8

Manual Integrations

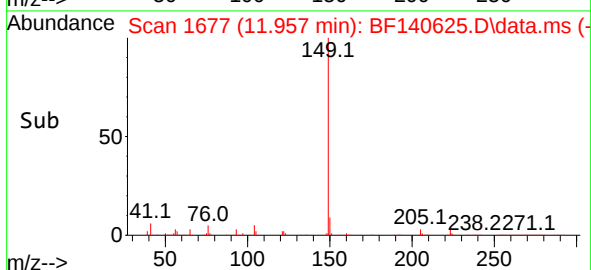
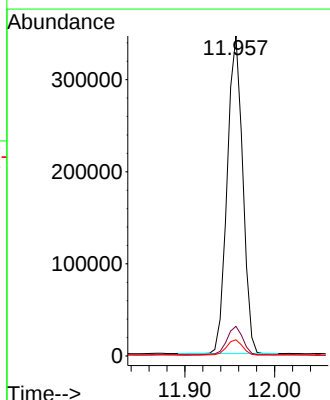
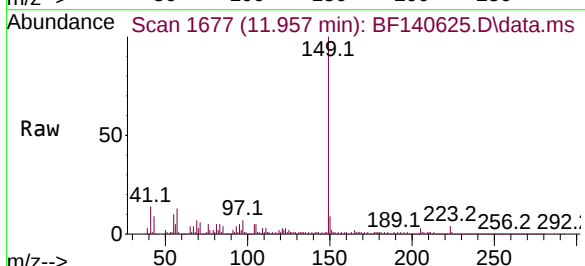
APPROVED

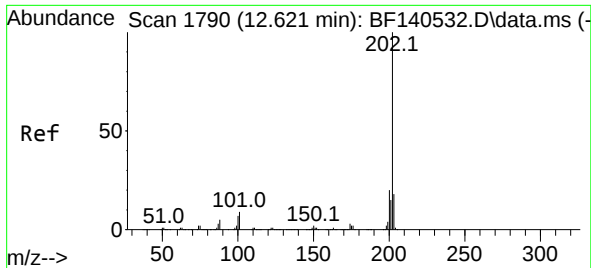
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#74
 Di-n-butylphthalate
 Concen: 48.040 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: BF140625.D
 Acq: 26 Nov 2024 01:06

Tgt Ion:149 Resp: 414647
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 62.701 ng
RT: 12.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

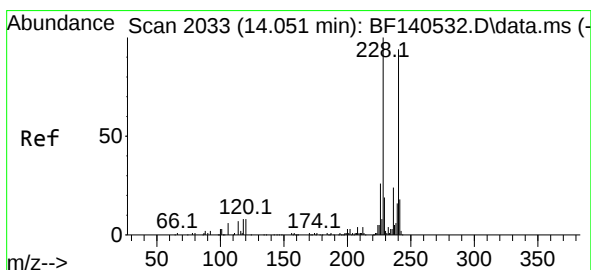
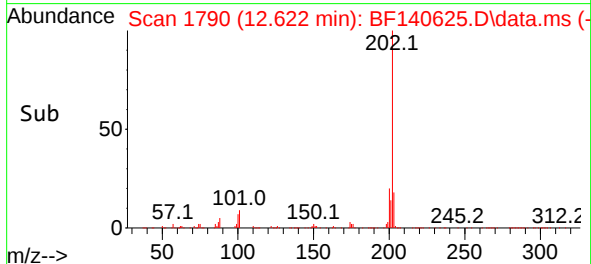
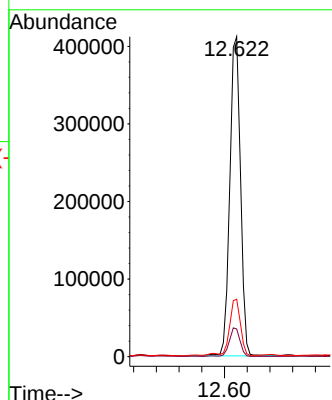
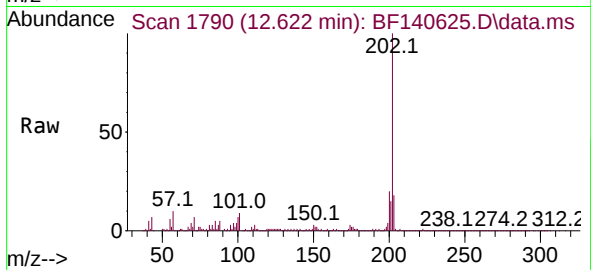
Tgt Ion:202 Resp: 540850
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.9
203 18.0 0.0 37.6

Manual Integrations

APPROVED

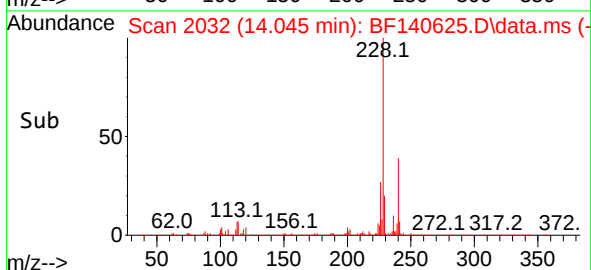
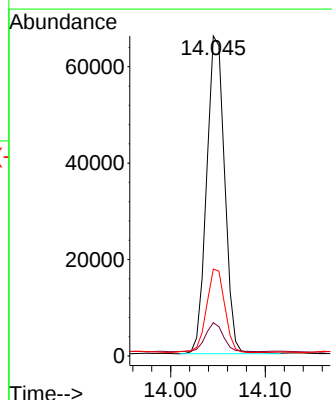
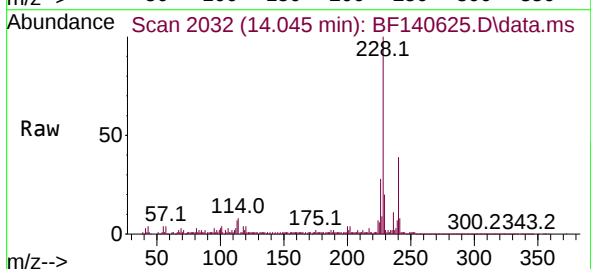
Reviewed By :Yogesh Patel 11/27/2024

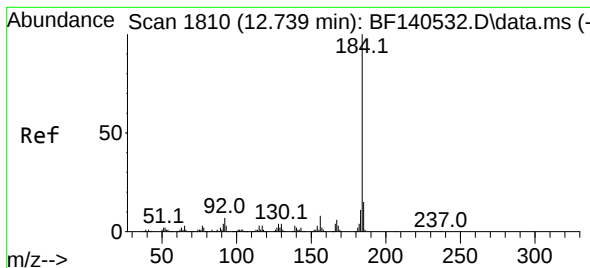
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion:240 Resp: 86883
Ion Ratio Lower Upper
240 100
120 10.4 7.3 10.9
236 27.2 20.6 31.0





#77

Benzidine

Concen: 34.328 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

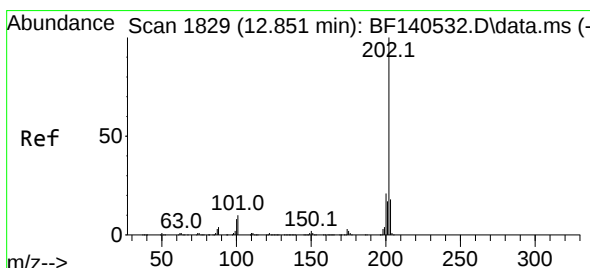
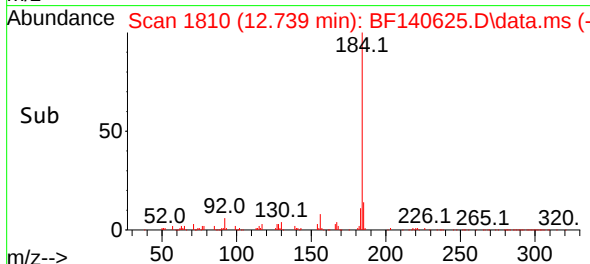
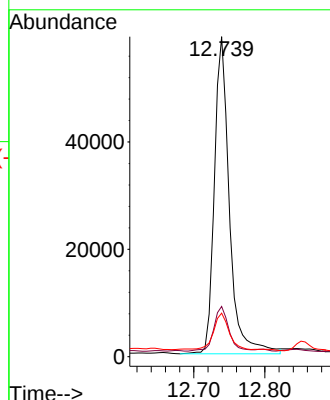
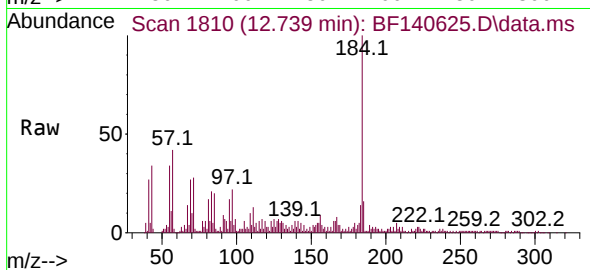
Tgt Ion:	184	Resp:	86714
Ion Ratio	Lower	Upper	
184	100		
185	15.7	11.7	17.5
183	13.6	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#78

Pyrene

Concen: 63.538 ng

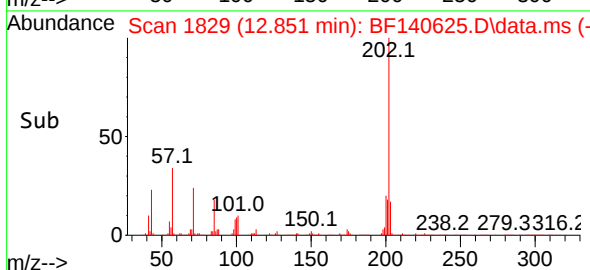
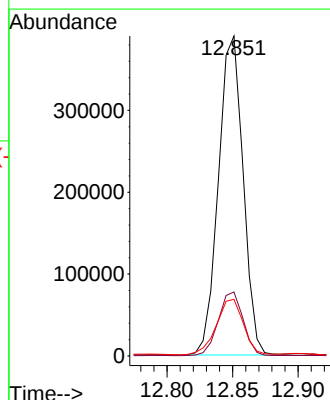
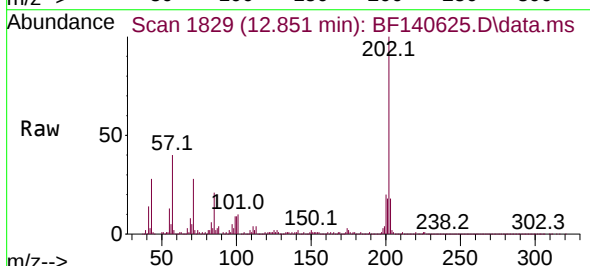
RT: 12.851 min Scan# 1829

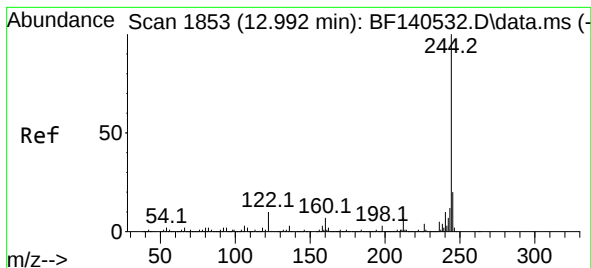
Delta R.T. 0.000 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Tgt Ion:	202	Resp:	510426
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.5	24.7
203	17.7	14.2	21.4





#79

Terphenyl-d14

Concen: 71.765 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

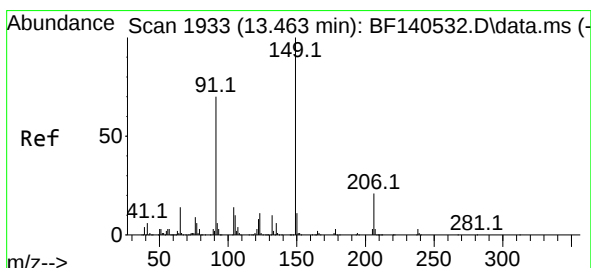
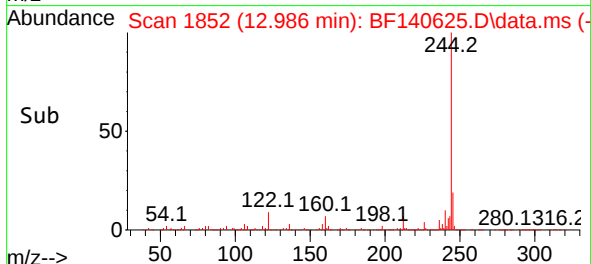
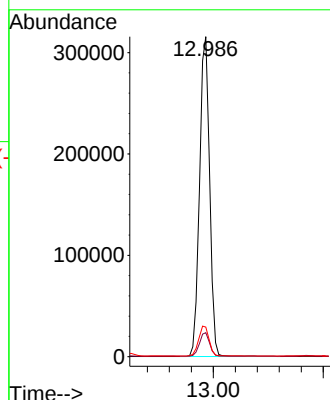
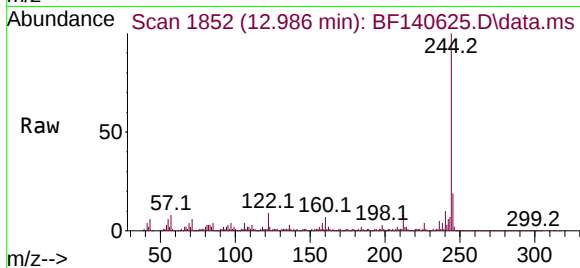
TR-05-112124MS

Tgt Ion:244 Resp: 400424
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 9.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#80

Butylbenzylphthalate

Concen: 50.034 ng

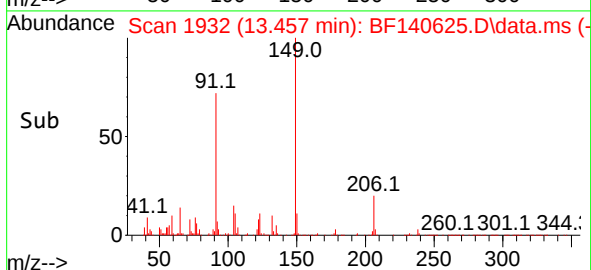
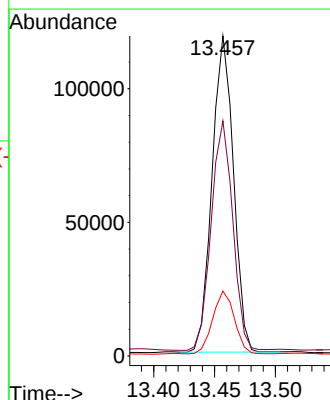
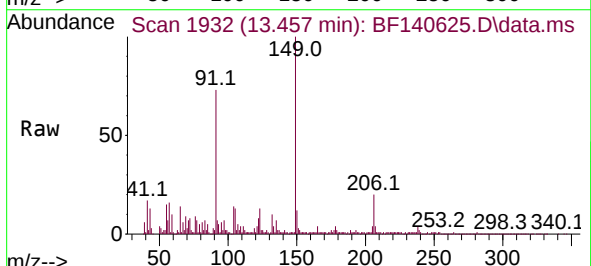
RT: 13.457 min Scan# 1932

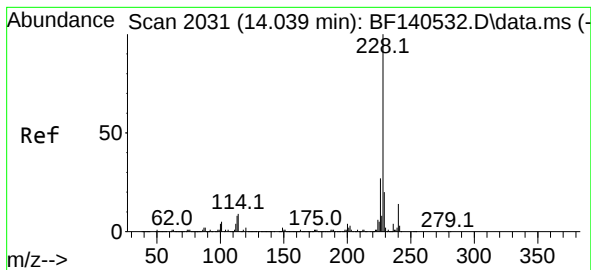
Delta R.T. -0.006 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Tgt Ion:149 Resp: 144797
 Ion Ratio Lower Upper
 149 100
 91 73.5 56.2 84.2
 206 20.3 16.4 24.6





#81
Benzo(a)anthracene
Concen: 59.395 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

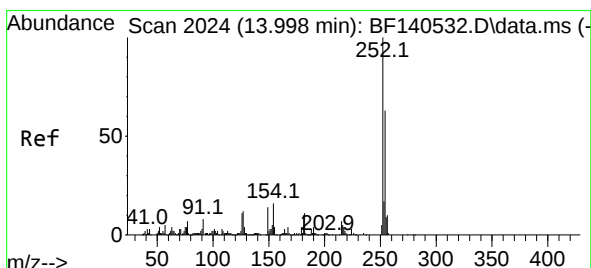
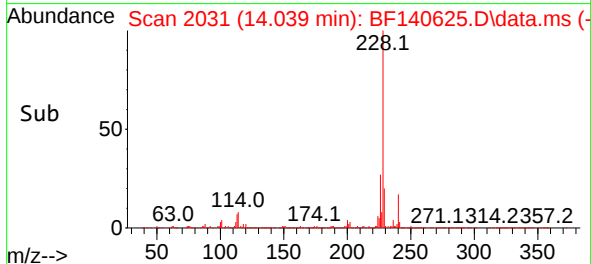
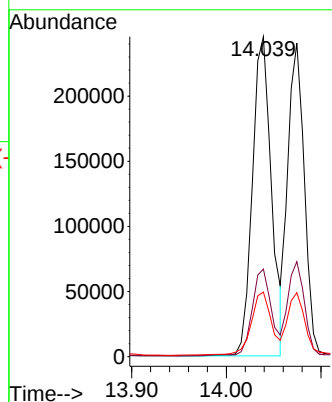
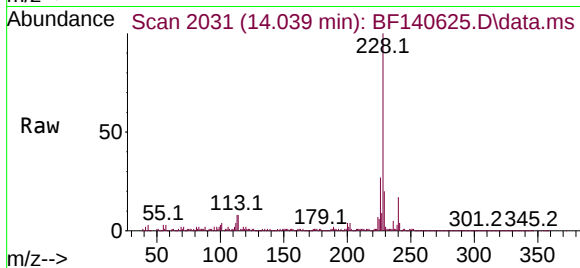
TR-05-112124MS

Tgt Ion:228 Resp: 341599
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.2 15.8 23.6

Manual Integrations

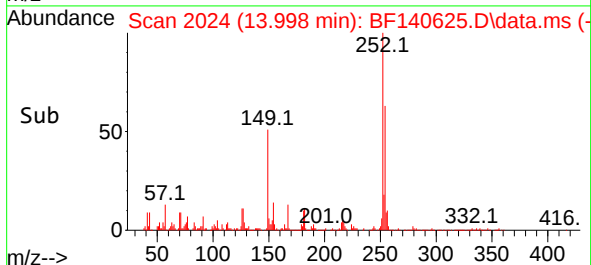
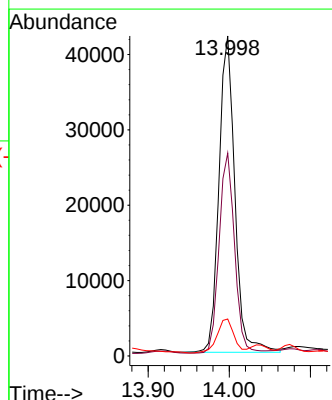
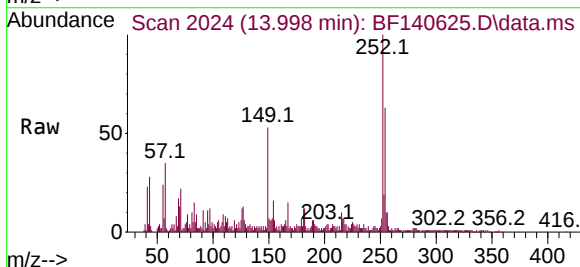
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 33.243 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion:252 Resp: 57402
Ion Ratio Lower Upper
252 100
254 63.4 50.8 76.2
126 11.5 8.6 13.0





#83

Chrysene

Concen: 55.014 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

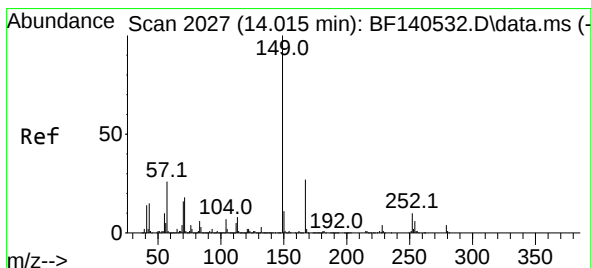
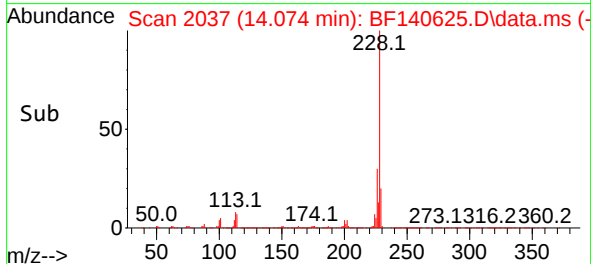
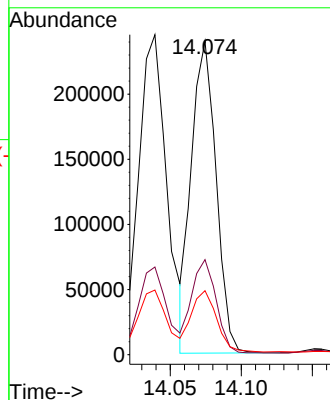
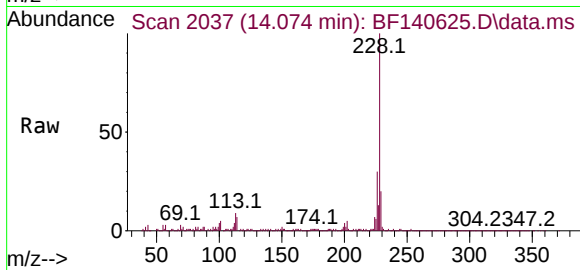
Tgt Ion:	228	Resp:	289314
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.4	36.6
229	20.4	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.147 ng

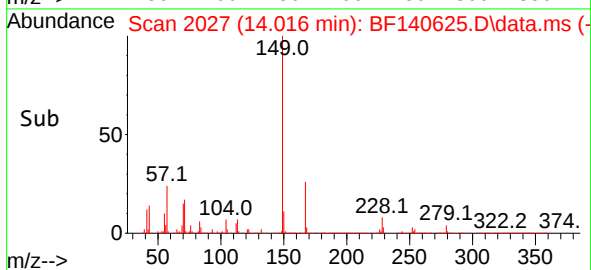
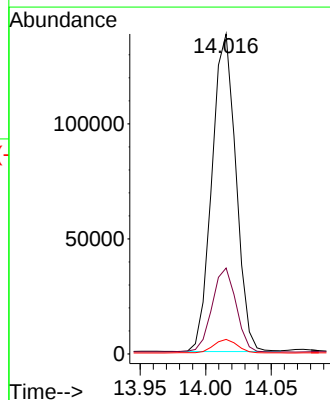
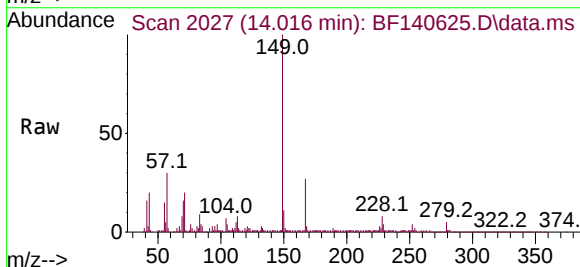
RT: 14.016 min Scan# 2027

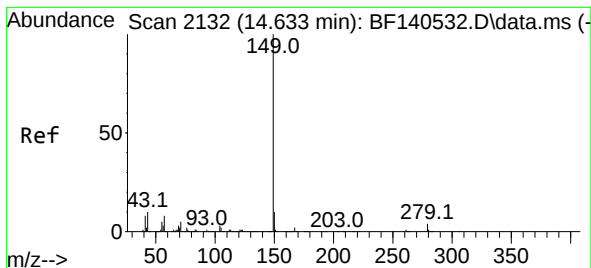
Delta R.T. 0.000 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Tgt Ion:	149	Resp:	175940
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.2	31.8
279	4.6	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 50.543 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

Tgt Ion:149 Resp: 252409

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

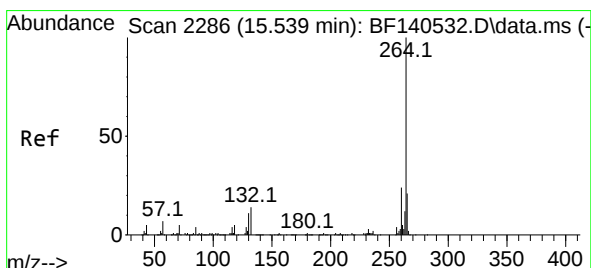
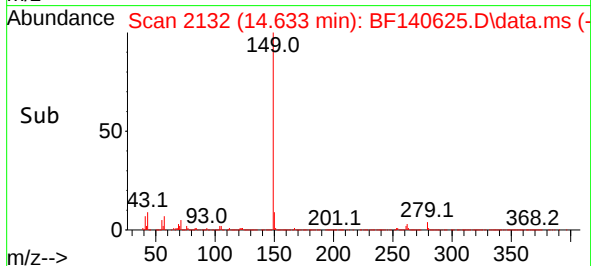
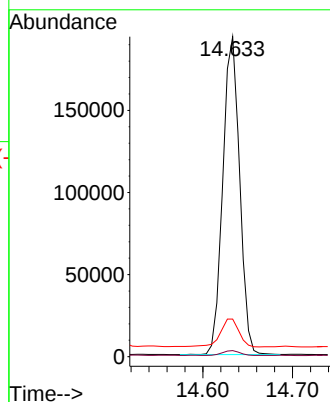
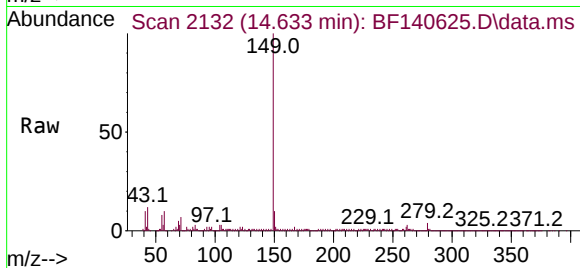
43 9.7 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.006 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

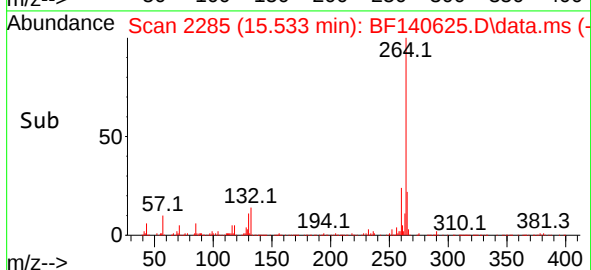
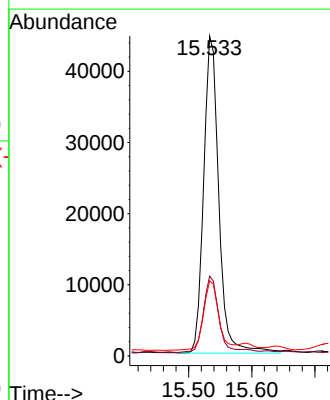
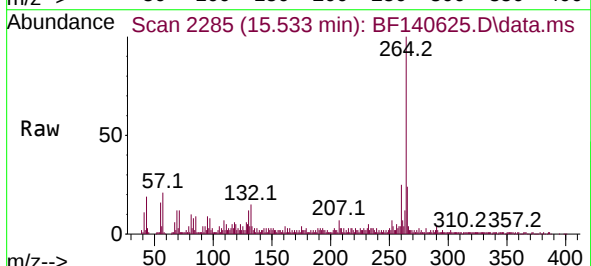
Tgt Ion:264 Resp: 74399

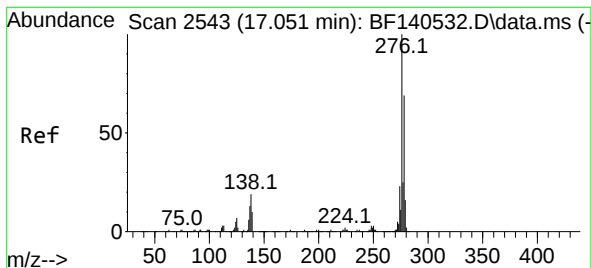
Ion Ratio Lower Upper

264 100

260 24.9 19.0 28.6

265 23.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.263 ng

RT: 17.045 min Scan# 21945

Delta R.T. -0.006 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MS

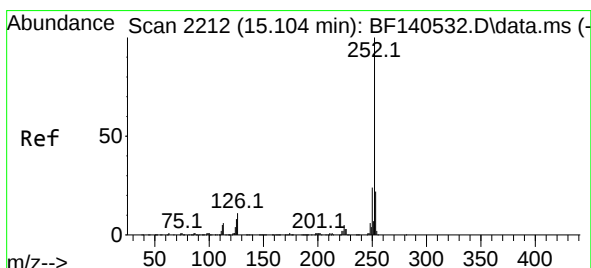
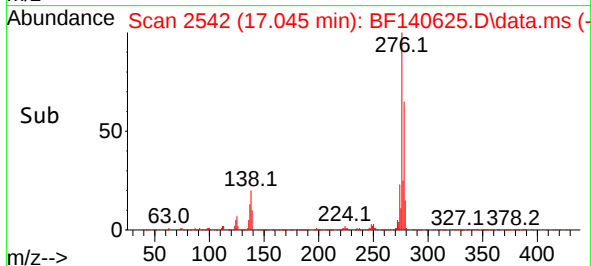
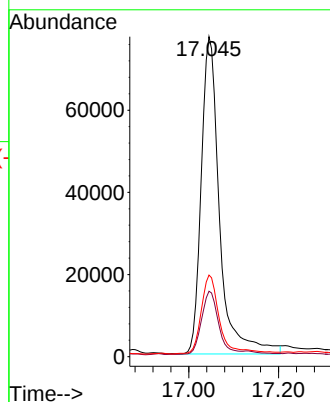
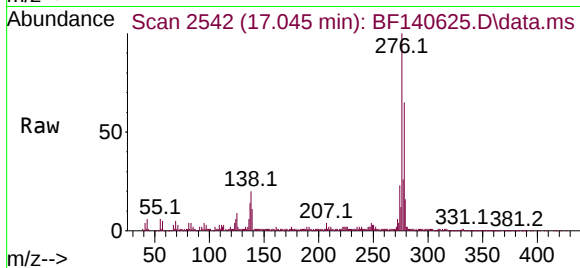
Tgt Ion:	276	Resp:	21945
Ion Ratio	Lower	Upper	
276	100		
138	18.5	15.5	23.3
277	24.9	20.1	30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#88

Benzo(b)fluoranthene

Concen: 58.377 ng

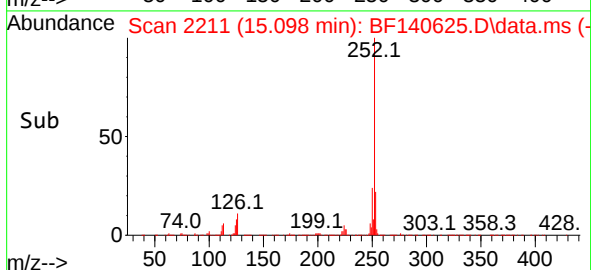
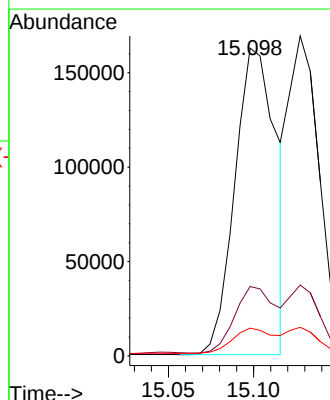
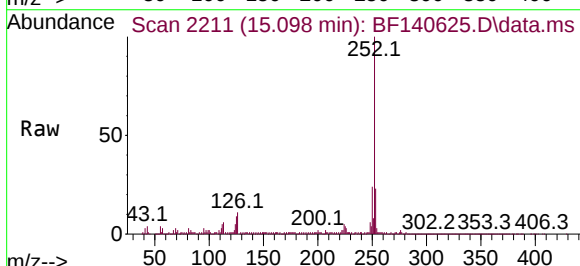
RT: 15.098 min Scan# 2211

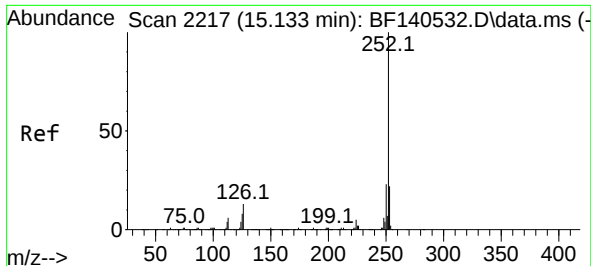
Delta R.T. -0.006 min

Lab File: BF140625.D

Acq: 26 Nov 2024 01:06

Tgt Ion:	252	Resp:	272803
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.2	25.8
125	9.0	6.7	10.1





#89
Benzo(k)fluoranthene
Concen: 53.183 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

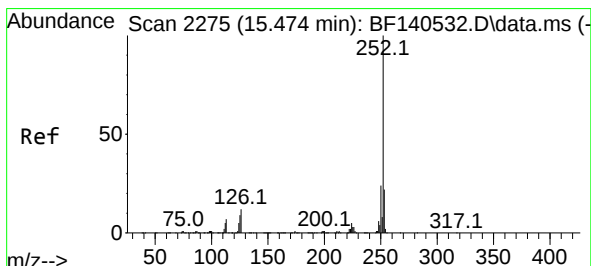
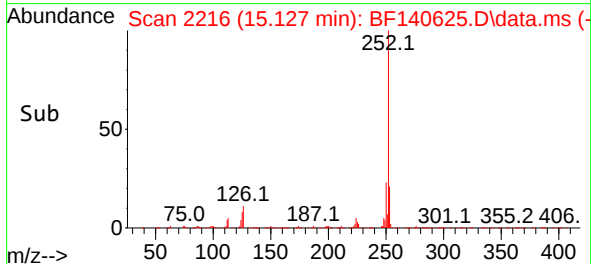
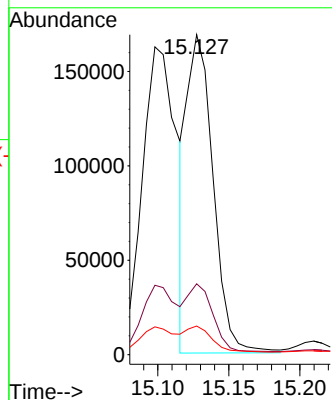
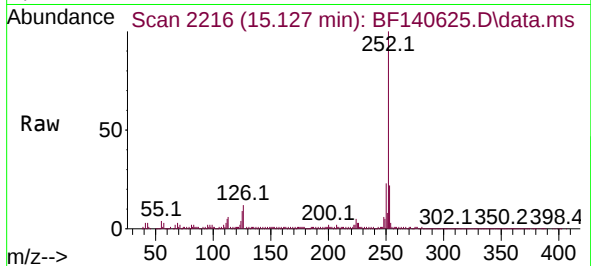
ClientSampleId :

TR-05-112124MS

Tgt Ion:252 Resp: 21748
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.0 6.5 9.7

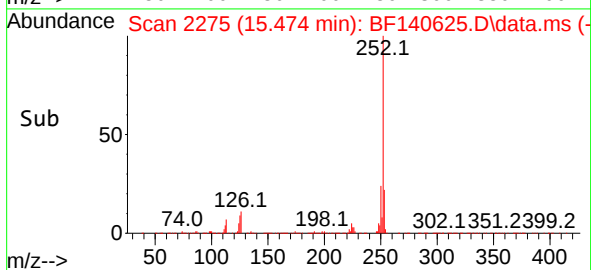
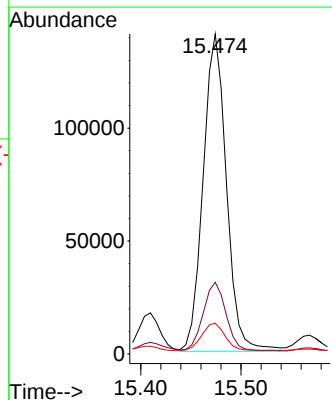
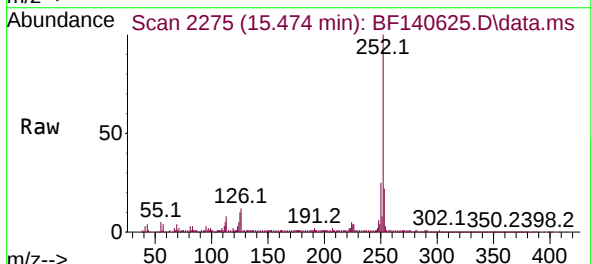
Manual Integrations
APPROVED

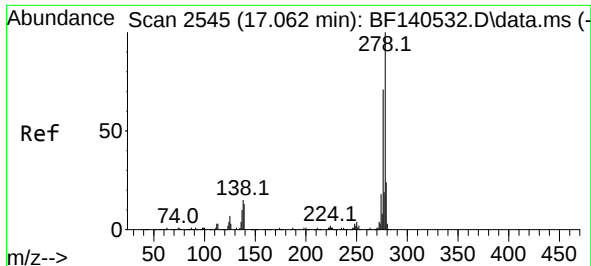
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#90
Benzo(a)pyrene
Concen: 59.862 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion:252 Resp: 227453
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.6 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 42.196 ng
RT: 17.057 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Instrument :

BNA_F

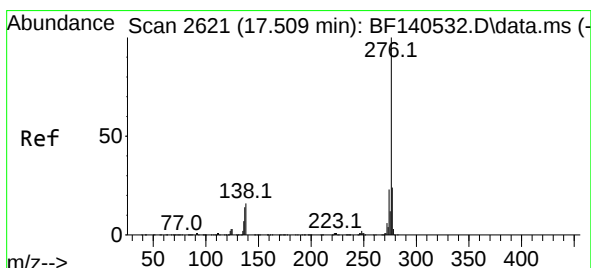
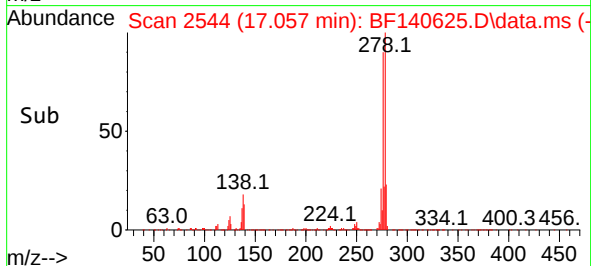
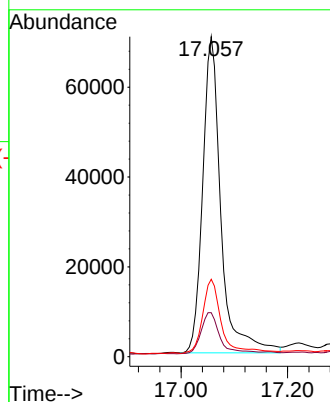
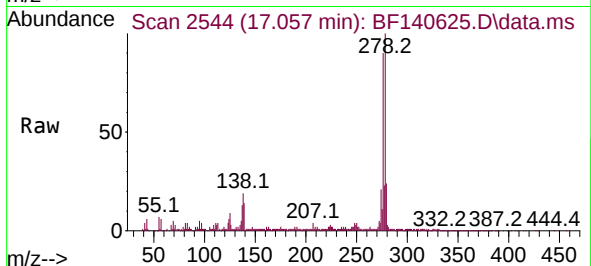
ClientSampleId :

TR-05-112124MS

Tgt Ion:278 Resp: 16754
Ion Ratio Lower Upper
278 100
139 13.8 10.2 15.4
279 24.2 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 38.138 ng
RT: 17.504 min Scan# 2620
Delta R.T. -0.006 min
Lab File: BF140625.D
Acq: 26 Nov 2024 01:06

Tgt Ion:276 Resp: 154532
Ion Ratio Lower Upper
276 100
277 24.9 18.9 28.3
138 17.4 13.2 19.8

