

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140783.D
 Acq On : 09 Dec 2024 12:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 09 14:00:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	92885	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	346239	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	189814	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	363500	20.000	ng	0.00
76) Chrysene-d12	14.051	240	224946	20.000	ng	0.00
86) Perylene-d12	15.551	264	187010	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	465317	85.474	ng	0.00
7) Phenol-d6	6.510	99	610888	84.881	ng	0.00
23) Nitrobenzene-d5	7.434	82	560358	82.782	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	173577	85.503	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1061518	83.324	ng	-0.01
79) Terphenyl-d14	12.980	244	1160825	80.355	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	100896	44.081	ng	97
3) Pyridine	3.387	79	226988	45.072	ng	99
4) n-Nitrosodimethylamine	3.352	42	123101	41.590	ng	95
6) Aniline	6.534	93	238703	47.122	ng	89
8) 2-Chlorophenol	6.657	128	253095	43.213	ng	96
9) Benzaldehyde	6.422	77	144377	37.894	ng	97
10) Phenol	6.528	94	321134	43.692	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	238461	42.398	ng	99
12) 1,3-Dichlorobenzene	6.804	146	276244	41.976	ng	99
13) 1,4-Dichlorobenzene	6.881	146	283097	42.484	ng	99
14) 1,2-Dichlorobenzene	7.034	146	263935	42.270	ng	99
15) Benzyl Alcohol	7.016	79	219516	41.129	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	271607	40.876	ng	79
17) 2-Methylphenol	7.134	107	198206	42.276	ng	95
18) Hexachloroethane	7.375	117	102767	41.293	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	173362	40.758	ng	97
20) 3+4-Methylphenols	7.287	107	258788	42.944	ng	# 79
22) Acetophenone	7.275	105	352947	41.813	ng	94
24) Nitrobenzene	7.451	77	290315	41.497	ng	98
25) Isophorone	7.687	82	463484	41.052	ng	99
26) 2-Nitrophenol	7.769	139	133835	43.168	ng	94
27) 2,4-Dimethylphenol	7.804	122	167383m	45.123	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	283632	41.237	ng	99
29) 2,4-Dichlorophenol	8.022	162	211966	43.123	ng	97
30) 1,2,4-Trichlorobenzene	8.087	180	236722	42.180	ng	99
31) Naphthalene	8.169	128	750453	42.079	ng	99
32) Benzoic acid	7.957	122	137515	43.409	ng	98
33) 4-Chloroaniline	8.228	127	242443	45.404	ng	98
34) Hexachlorobutadiene	8.281	225	153128	41.194	ng	99
35) Caprolactam	8.598	113	66720	43.862	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	234815	42.668	ng	100
37) 2-Methylnaphthalene	8.857	142	475327	41.962	ng	100
38) 1-Methylnaphthalene	8.957	142	468155	42.163	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	233383	41.999	ng	99
41) Hexachlorocyclopentadiene	9.010	237	35211	32.913	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	147039	42.170	ng	99

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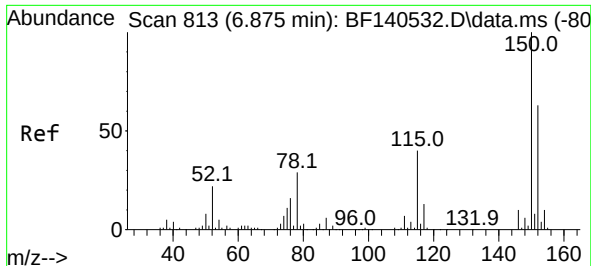
Manual Integrations
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 Supervised By :mohammad ahmed 12/12/2024

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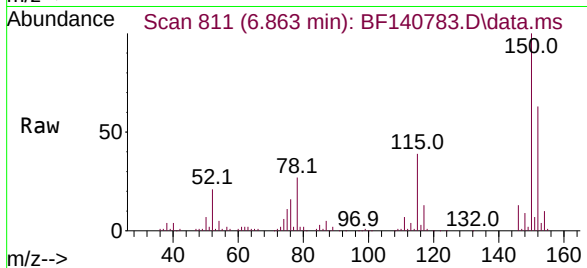
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	160393	42.385	ng	97
46) 1,1'-Biphenyl	9.322	154	592420	41.803	ng	100
47) 2-Chloronaphthalene	9.351	162	454016	42.280	ng	99
48) 2-Nitroaniline	9.457	65	147770	42.872	ng	95
49) Acenaphthylene	9.769	152	687115	42.350	ng	100
50) Dimethylphthalate	9.622	163	517989	41.436	ng	100
51) 2,6-Dinitrotoluene	9.692	165	121961	43.017	ng	99
52) Acenaphthene	9.939	154	431042	41.812	ng	99
53) 3-Nitroaniline	9.869	138	126289	45.543	ng	94
54) 2,4-Dinitrophenol	9.986	184	69941	50.797	ng	93
55) Dibenzofuran	10.110	168	654473	41.621	ng	100
56) 4-Nitrophenol	10.051	139	110649	58.509	ng	92
57) 2,4-Dinitrotoluene	10.104	165	163601	43.418	ng	95
58) Fluorene	10.457	166	537820	42.611	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	129536	44.540	ng	92
60) Diethylphthalate	10.322	149	514575	40.514	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	255101	41.184	ng	98
62) 4-Nitroaniline	10.486	138	136029	46.773	ng	95
63) Azobenzene	10.604	77	491918	40.898	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	89900	48.398	ng	98
66) n-Nitrosodiphenylamine	10.563	169	448621	41.734	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	155300	41.485	ng	96
68) Hexachlorobenzene	11.004	284	182807	42.174	ng	98
69) Atrazine	11.092	200	96773	32.001	ng	100
70) Pentachlorophenol	11.210	266	73419	38.484	ng	99
71) Phenanthrene	11.422	178	737773	42.223	ng	100
72) Anthracene	11.475	178	738326	43.197	ng	100
73) Carbazole	11.633	167	732751	44.564	ng	100
74) Di-n-butylphthalate	11.951	149	776970	40.930	ng	99
75) Fluoranthene	12.616	202	843217	44.447	ng	100
77) Benzidine	12.739	184	343811	52.569	ng	99
78) Pyrene	12.845	202	864572	41.568	ng	99
80) Butylbenzylphthalate	13.451	149	293415	39.160	ng	98
81) Benzo(a)anthracene	14.039	228	622623	41.813	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	192950	43.159	ng	100
83) Chrysene	14.080	228	573223	42.100	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	333077	35.205	ng	100
85) Di-n-octyl phthalate	14.639	149	431470	33.370	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	518227	42.522	ng	98
88) Benzo(b)fluoranthene	15.116	252	535631	45.600	ng	100
89) Benzo(k)fluoranthene	15.145	252	398082	38.727	ng	99
90) Benzo(a)pyrene	15.492	252	405609	42.469	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	426039	42.685	ng	99
92) Benzo(g,h,i)perylene	17.533	276	447357	43.923	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

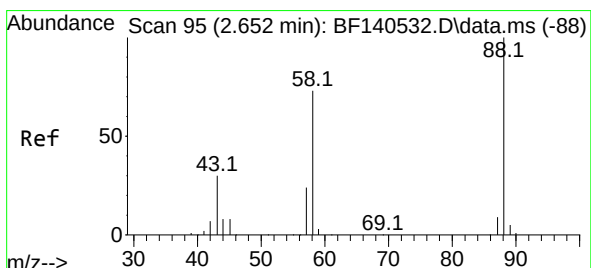
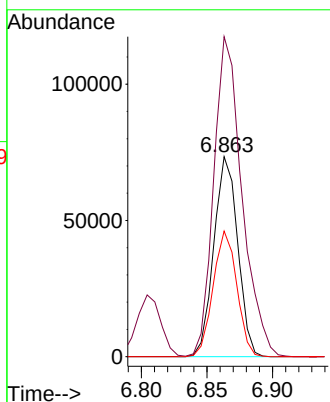
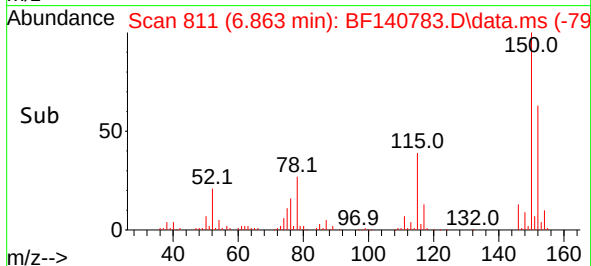
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 9288
Ion Ratio Lower Upper
152 100
150 160.0 128.5 192.7
115 62.8 50.2 75.4

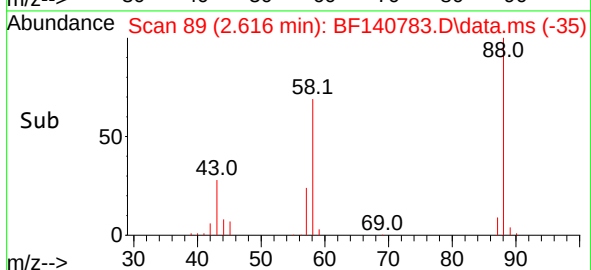
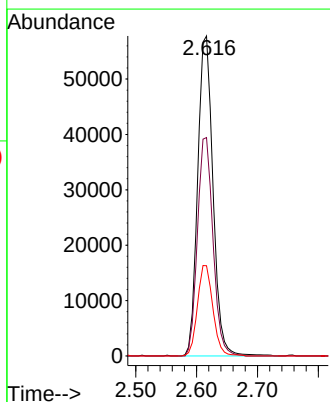
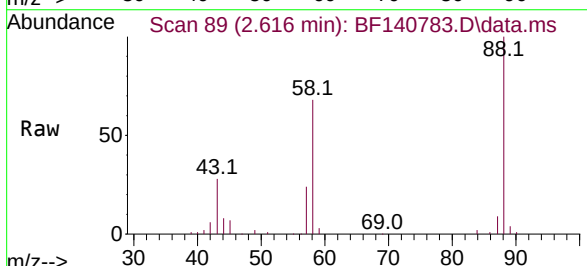
Manual Integrations
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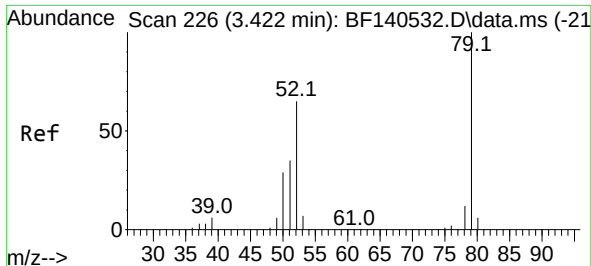
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#2
1,4-Dioxane
Concen: 44.081 ng
RT: 2.616 min Scan# 89
Delta R.T. -0.035 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion: 88 Resp: 100896
Ion Ratio Lower Upper
88 100
58 69.3 57.4 86.2
43 28.5 24.3 36.5





#3

Pyridine

Concen: 45.072 ng

RT: 3.387 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 22698

Ion Ratio Lower Upper

79 100

52 65.9 52.1 78.1

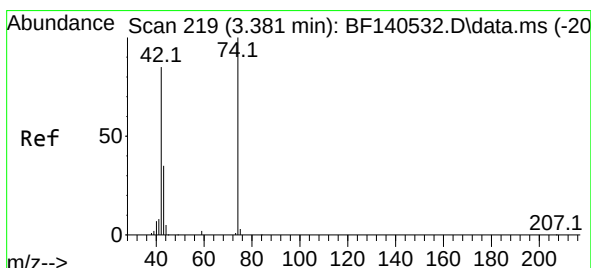
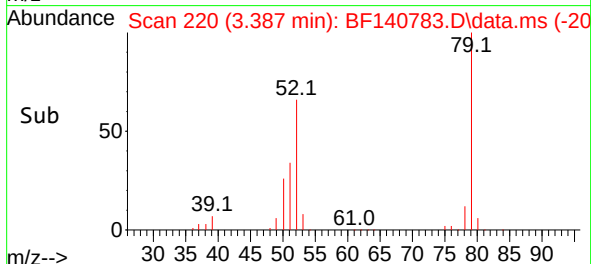
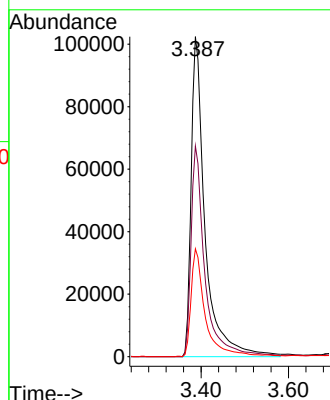
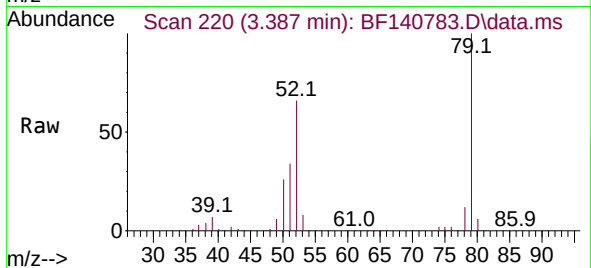
51 33.7 27.8 41.8

Manual Integrations

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Supervised By :mohammad ahmed 12/12/2024



#4

n-Nitrosodimethylamine

Concen: 41.590 ng

RT: 3.352 min Scan# 214

Delta R.T. -0.029 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

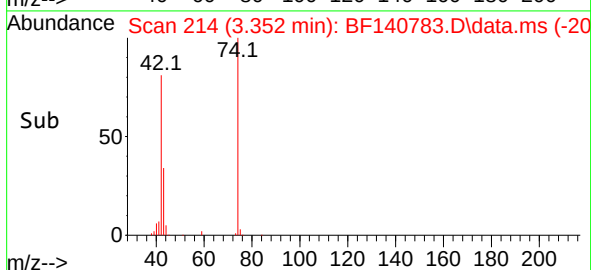
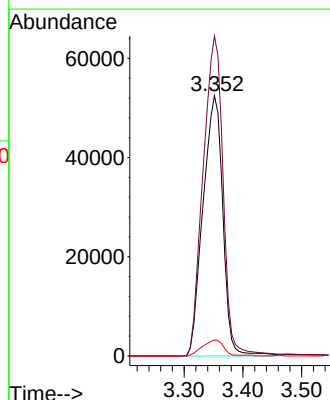
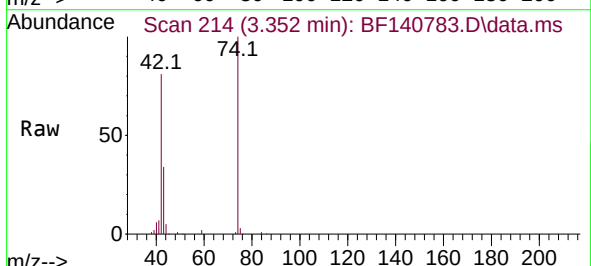
Tgt Ion: 42 Resp: 123101

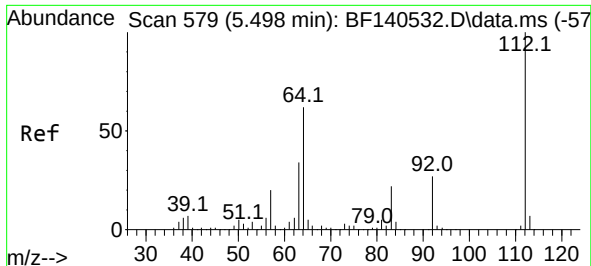
Ion Ratio Lower Upper

42 100

74 123.0 93.8 140.6

44 6.1 4.6 6.8





#5
2-Fluorophenol
Concen: 85.474 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

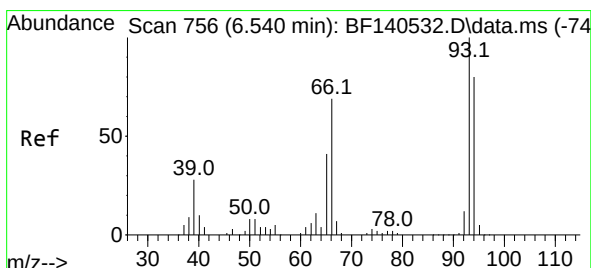
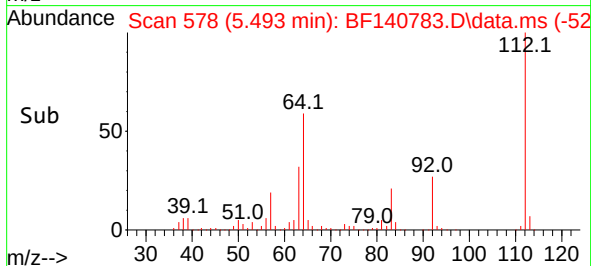
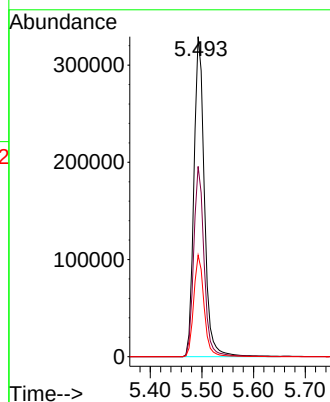
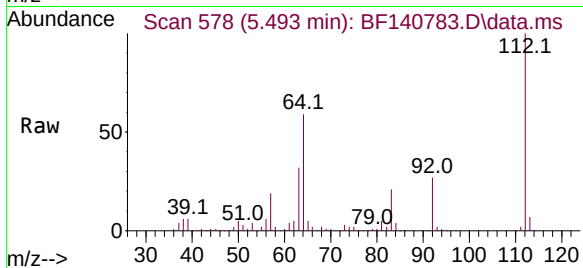
SSTDCCC040

Tgt Ion:112 Resp: 46531
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 31.7 27.0 40.4

Manual Integrations

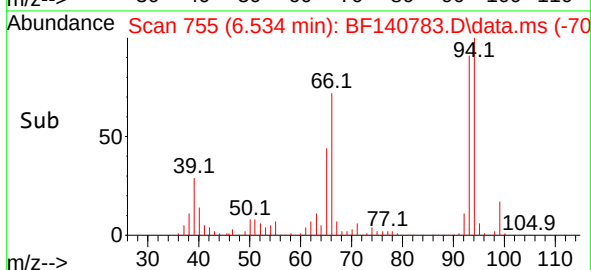
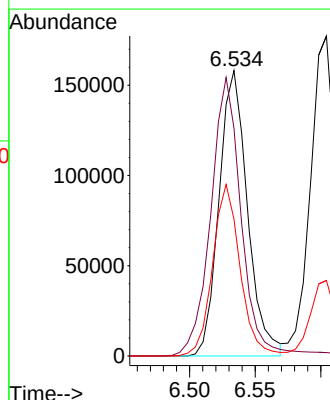
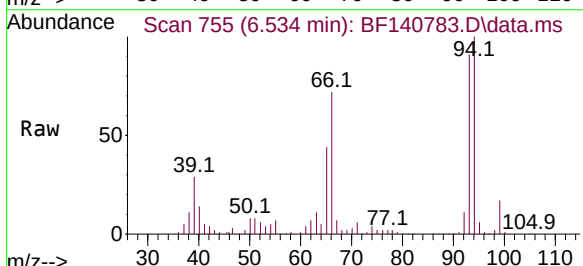
APPROVED

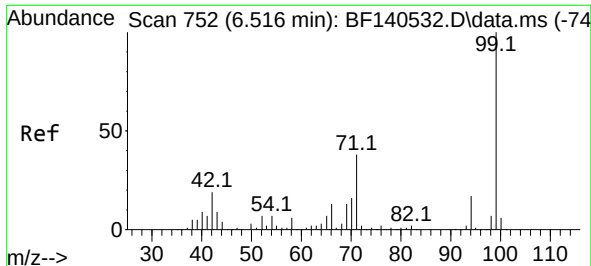
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#6
Aniline
Concen: 47.122 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

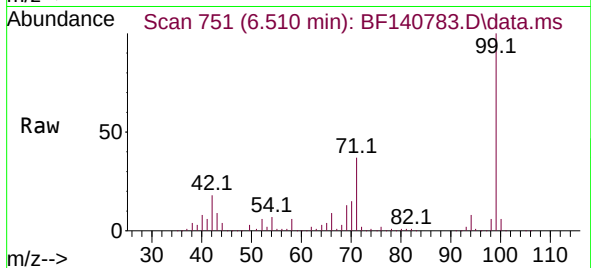
Tgt Ion: 93 Resp: 238703
Ion Ratio Lower Upper
93 100
66 79.9 56.5 84.7
65 48.0 32.9 49.3





#7
Phenol-d6
Concen: 84.881 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

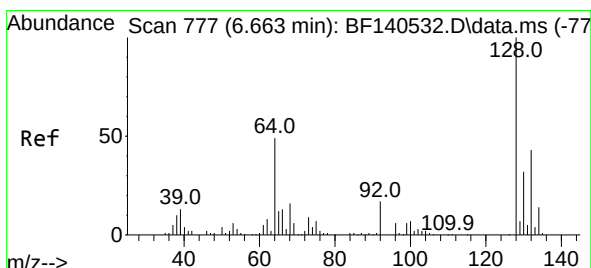
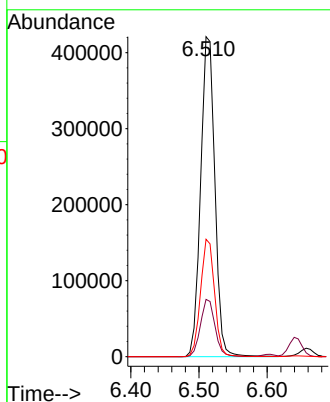
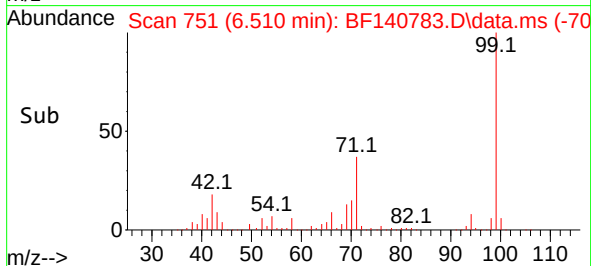
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 61088
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.7 30.6 46.0

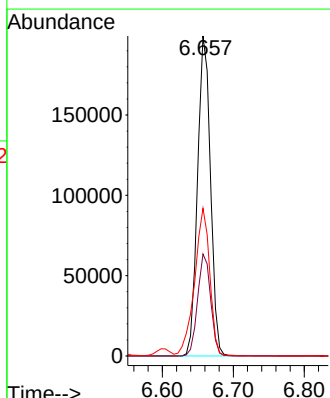
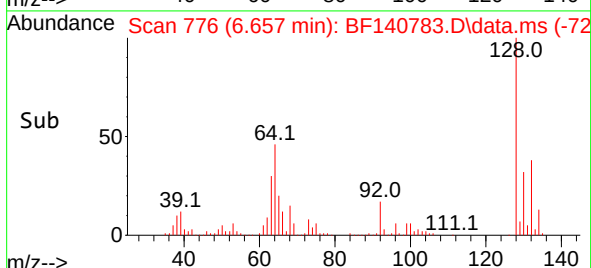
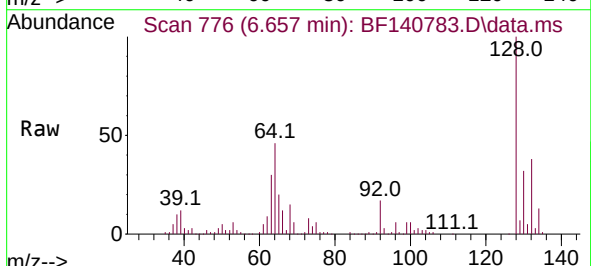
Manual Integrations
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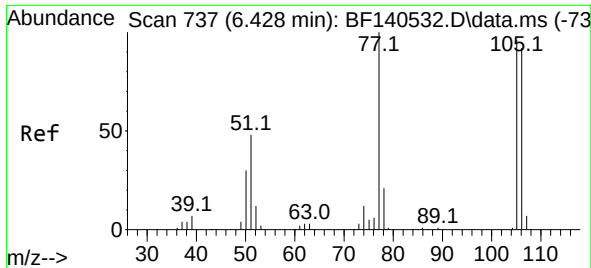
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#8
2-Chlorophenol
Concen: 43.213 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:128 Resp: 253095
Ion Ratio Lower Upper
128 100
130 31.8 12.3 52.3
64 46.2 30.2 70.2





#9
Benzaldehyde
Concen: 37.894 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

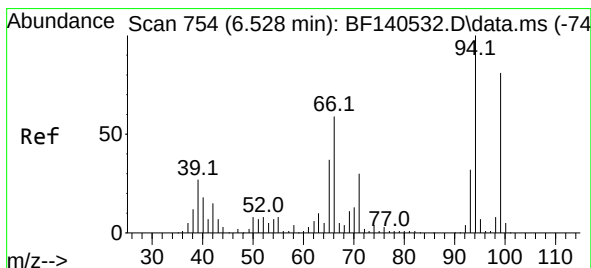
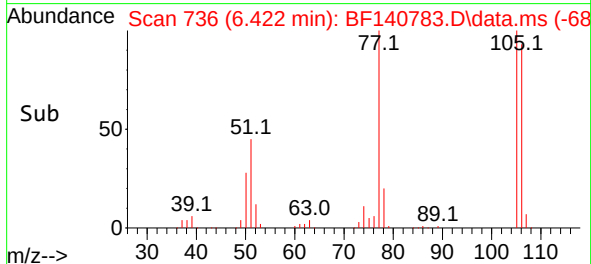
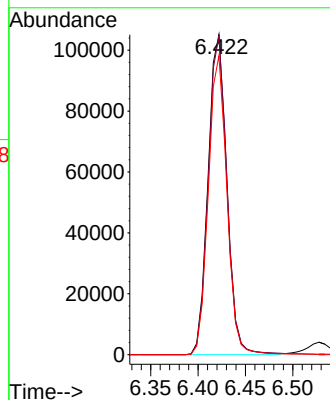
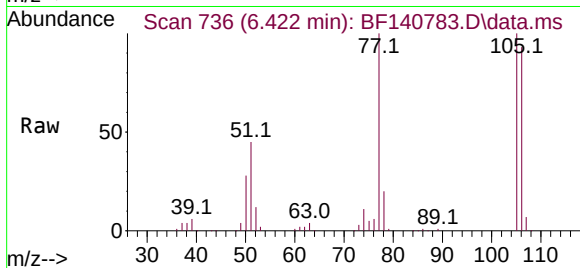
ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 14437
Ion Ratio Lower Upper
77 100
105 99.5 75.6 115.6
106 93.4 72.0 112.0

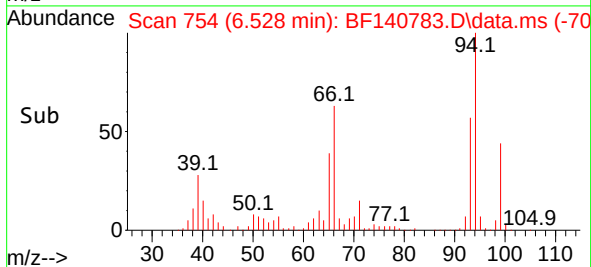
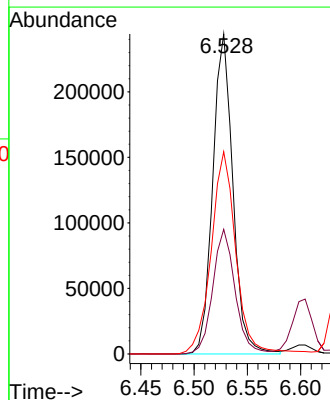
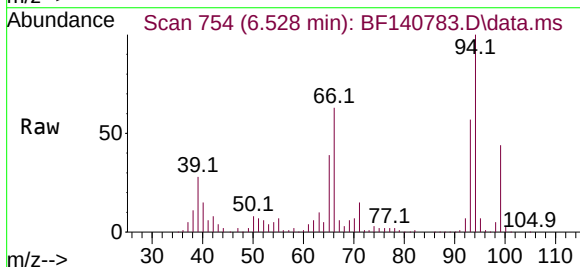
Manual Integrations
APPROVED

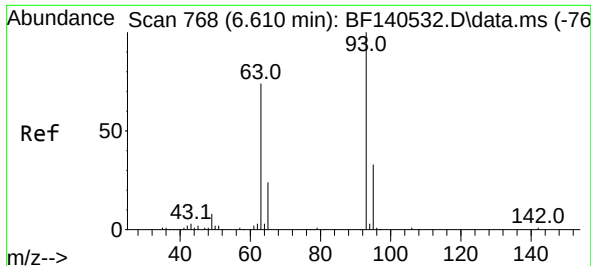
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#10
Phenol
Concen: 43.692 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion: 94 Resp: 321134
Ion Ratio Lower Upper
94 100
65 38.9 17.2 57.2
66 63.2 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 42.398 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 23846

Ion Ratio Lower Upper

93 100

63 71.3 52.8 92.8

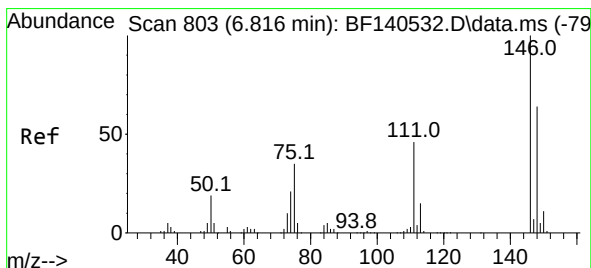
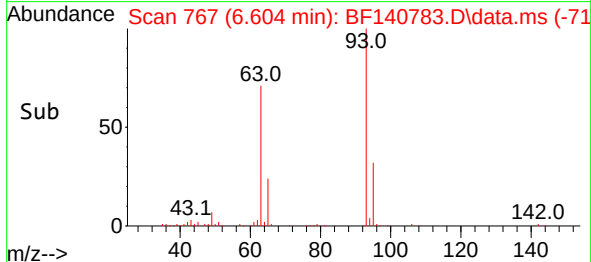
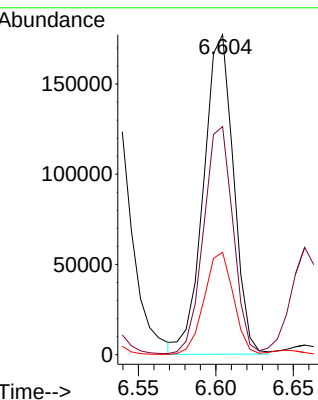
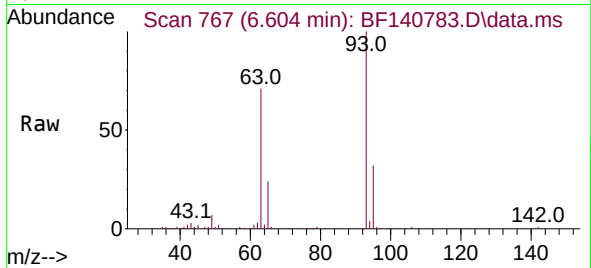
95 32.0 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#12

1,3-Dichlorobenzene

Concen: 41.976 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

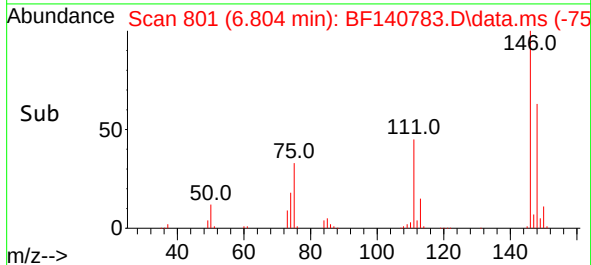
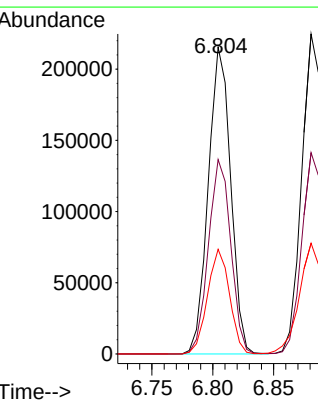
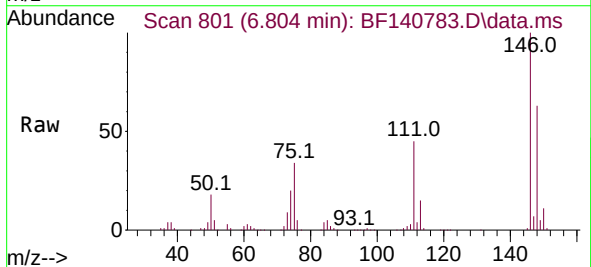
Tgt Ion:146 Resp: 276244

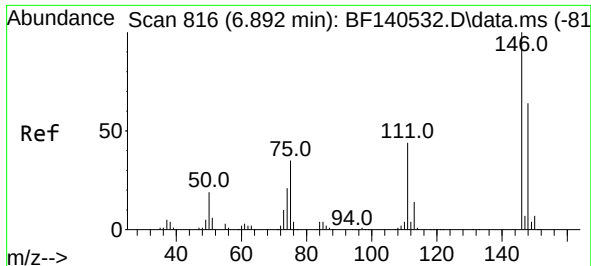
Ion Ratio Lower Upper

146 100

148 63.4 51.3 76.9

75 34.1 28.2 42.2





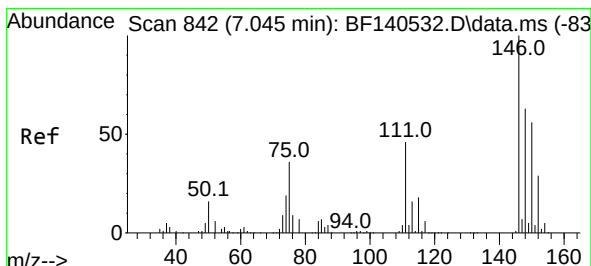
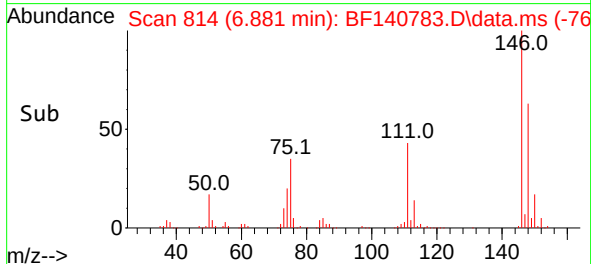
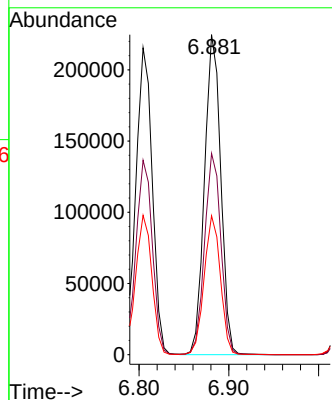
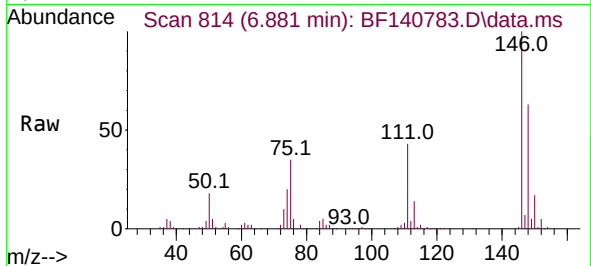
#13
1,4-Dichlorobenzene
Concen: 42.484 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 28309
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.6
111 43.4 35.3 52.9

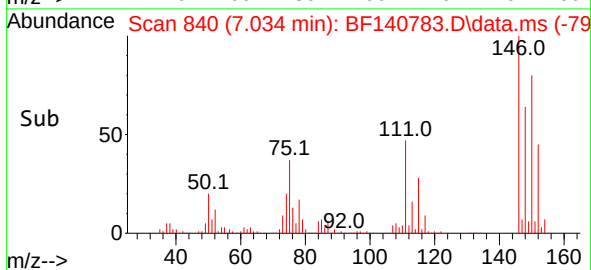
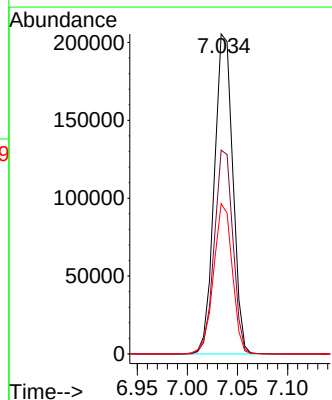
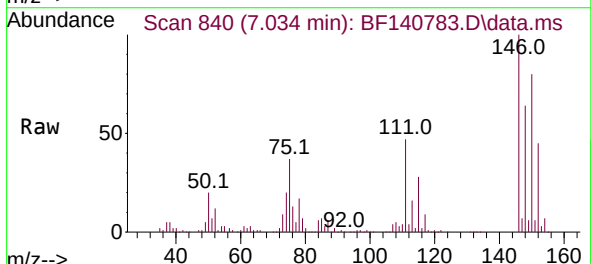
Manual Integrations
APPROVED

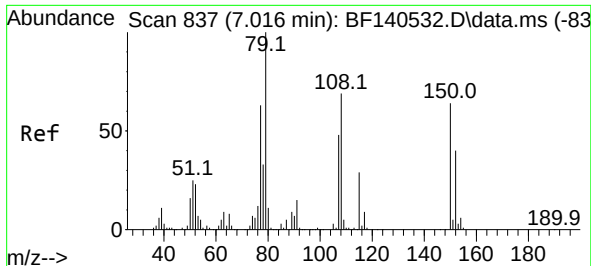
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#14
1,2-Dichlorobenzene
Concen: 42.270 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

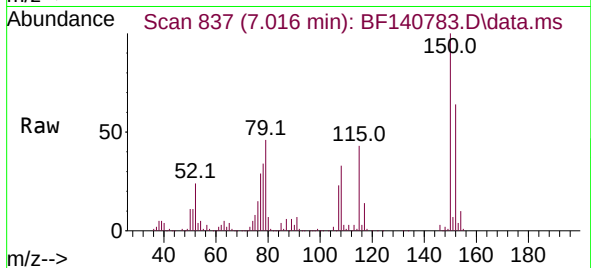
Tgt Ion:146 Resp: 263935
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
111 46.9 36.7 55.1





#15
Benzyl Alcohol
Concen: 41.129 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

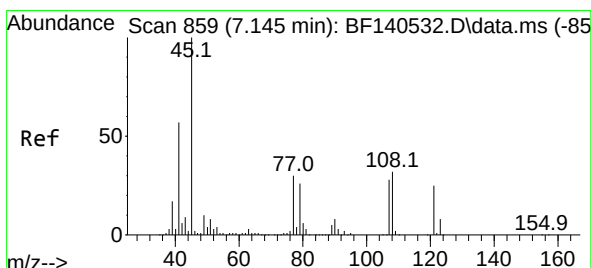
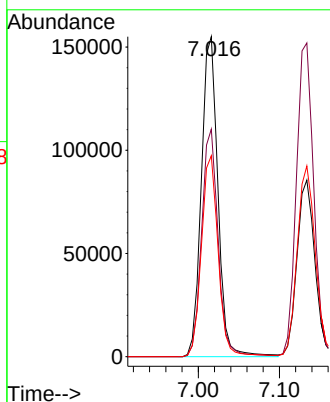
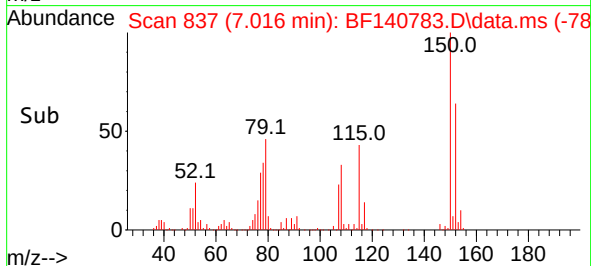
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 219510
Ion Ratio Lower Upper
79 100
108 71.1 55.0 82.6
77 62.8 50.1 75.1

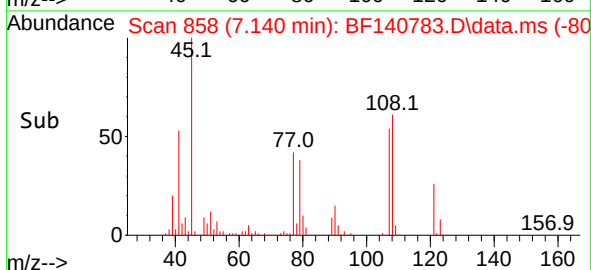
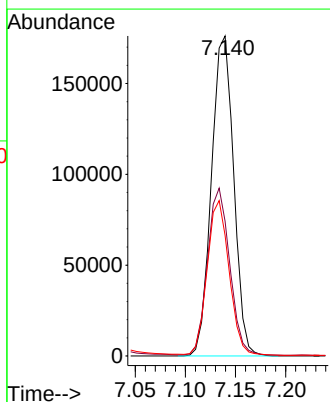
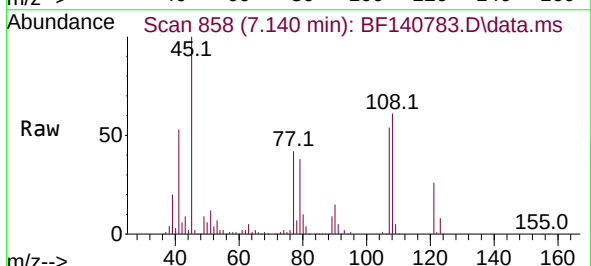
Manual Integrations
APPROVED

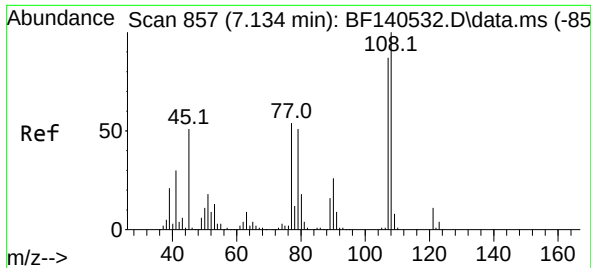
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.876 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion: 45 Resp: 271607
Ion Ratio Lower Upper
45 100
77 42.1 10.7 50.7
79 37.7 7.0 47.0





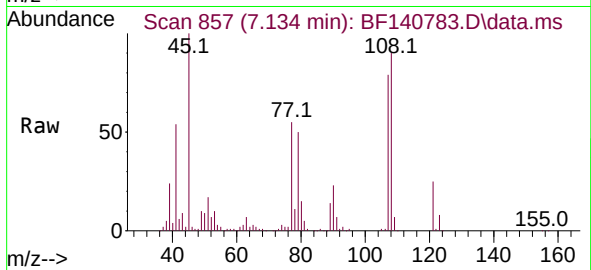
#17
2-Methylphenol
Concen: 42.276 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



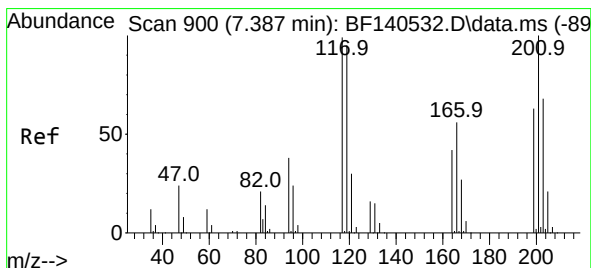
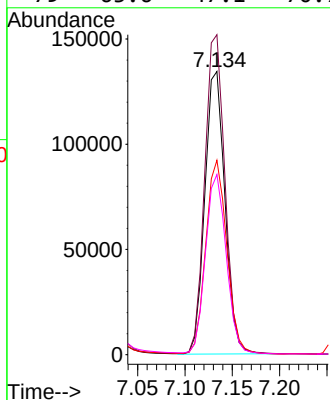
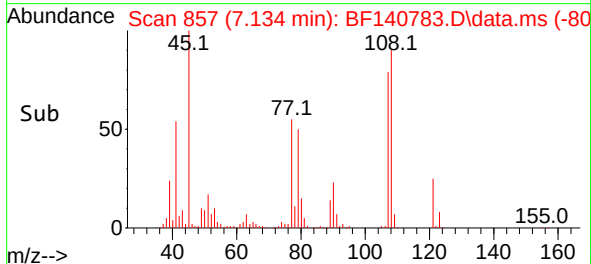
Tgt Ion:107 Resp: 198200
Ion Ratio Lower Upper
107 100
108 113.0 91.7 137.5
77 68.7 49.3 73.9
79 63.6 47.1 70.7

Manual Integrations

APPROVED

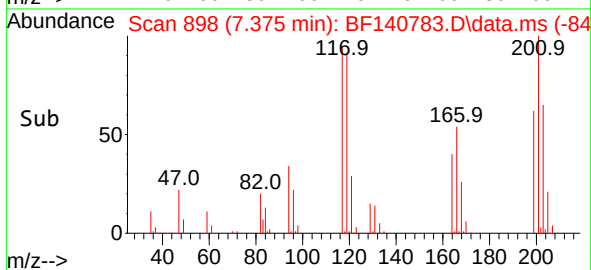
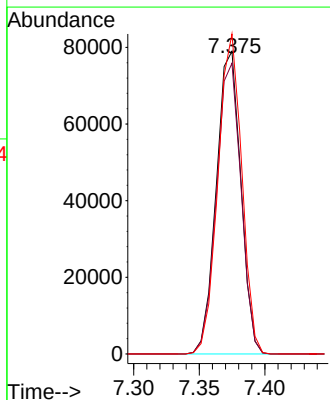
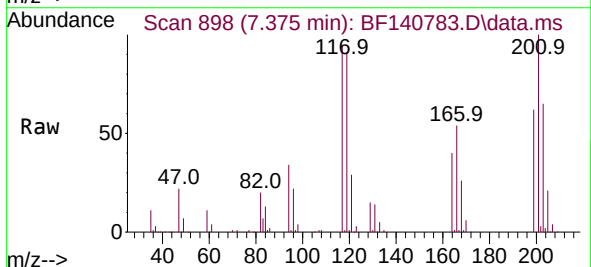
Reviewed By :Yogesh Patel 12/11/2024

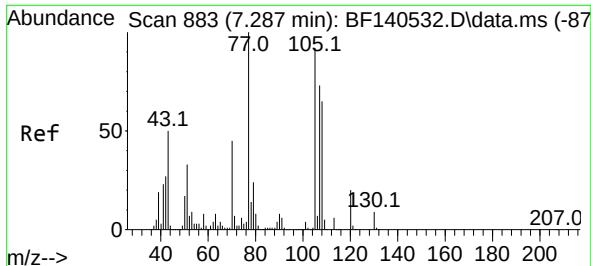
Supervised By :mohammad ahmed 12/12/2024



#18
Hexachloroethane
Concen: 41.293 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:117 Resp: 102767
Ion Ratio Lower Upper
117 100
119 96.1 77.1 115.7
201 105.7 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.758 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 173362

Ion Ratio Lower Upper

70 100

42 56.6 47.6 71.4

101 9.5 7.6 11.4

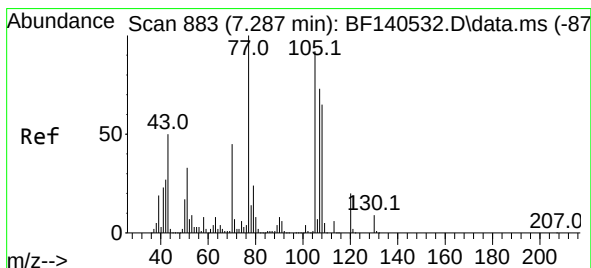
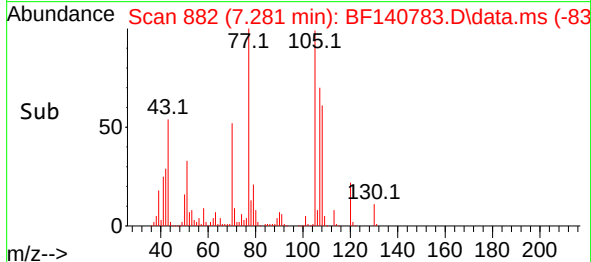
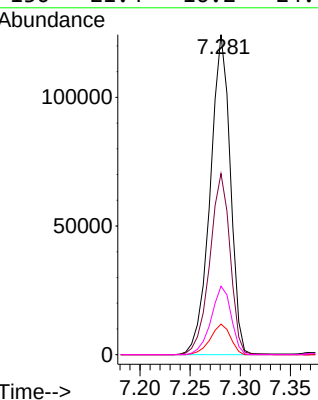
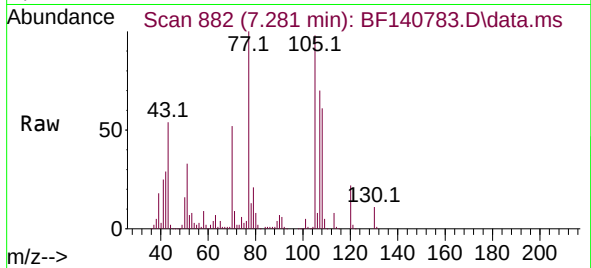
130 21.4 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#20

3+4-Methylphenols

Concen: 42.944 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Tgt Ion:107 Resp: 258788

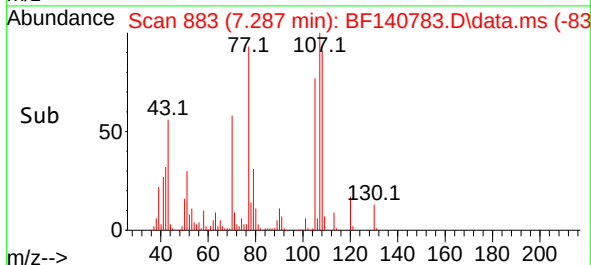
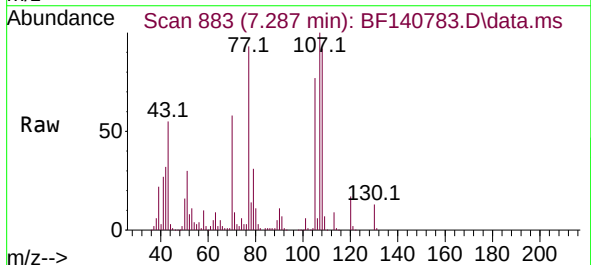
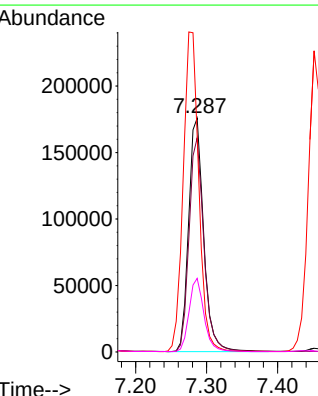
Ion Ratio Lower Upper

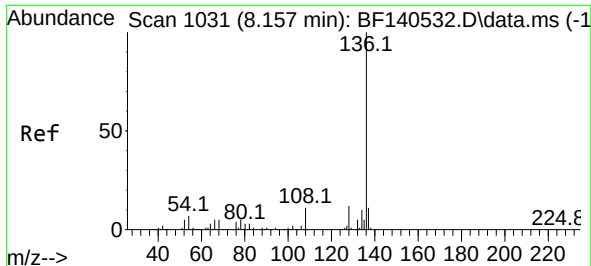
107 100

108 91.6 69.9 109.9

77 92.7 117.7 157.7#

79 31.5 13.4 53.4





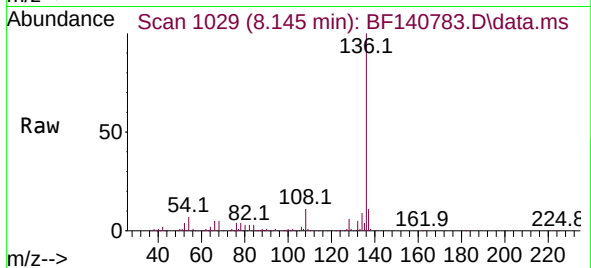
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



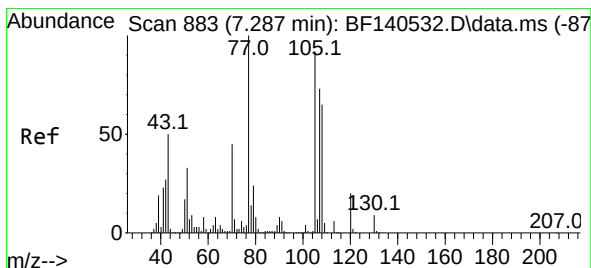
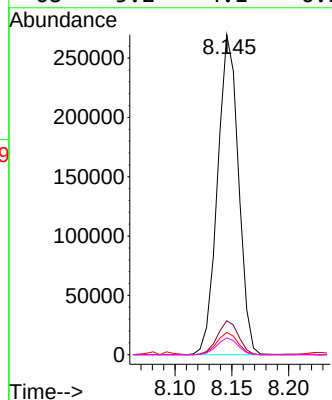
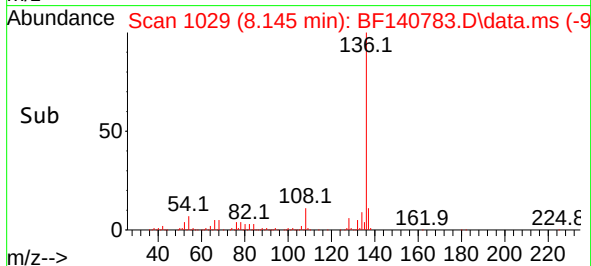
Tgt Ion:136 Resp: 346239
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.0 5.8 8.8
68 5.2 4.1 6.1

Manual Integrations

APPROVED

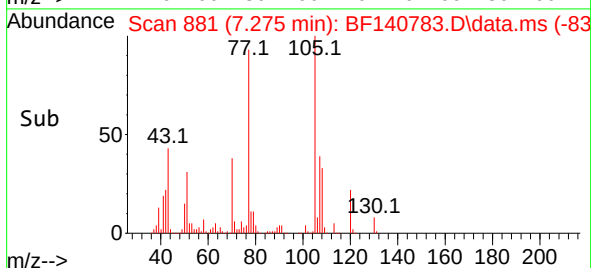
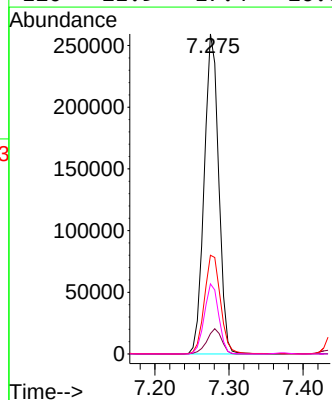
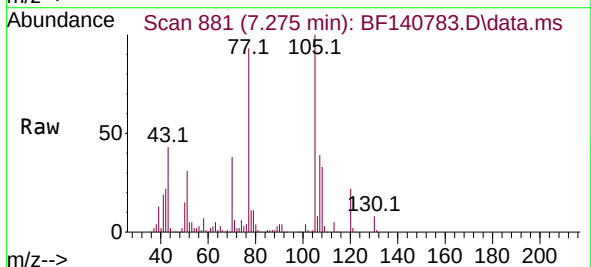
Reviewed By :Yogesh Patel 12/11/2024

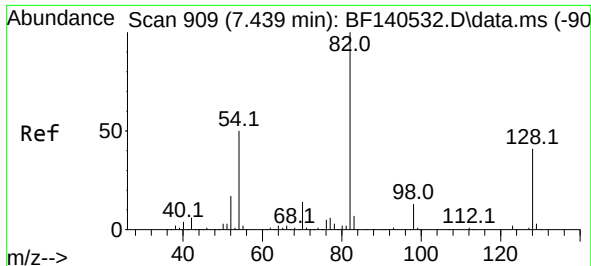
Supervised By :mohammad ahmed 12/12/2024



#22
Acetophenone
Concen: 41.813 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:105 Resp: 352947
Ion Ratio Lower Upper
105 100
71 6.3 6.2 9.2
51 30.9 29.0 43.6
120 21.9 17.4 26.0





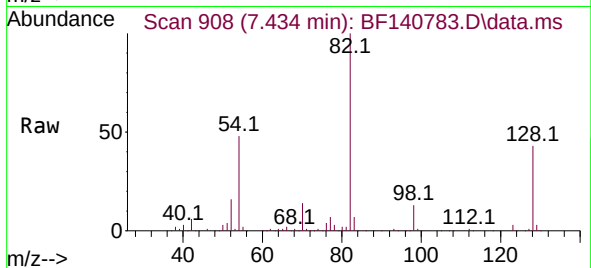
#23
Nitrobenzene-d5
Concen: 82.782 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

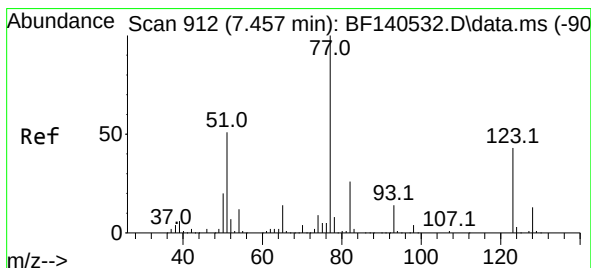
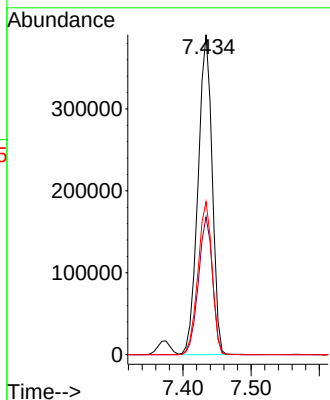
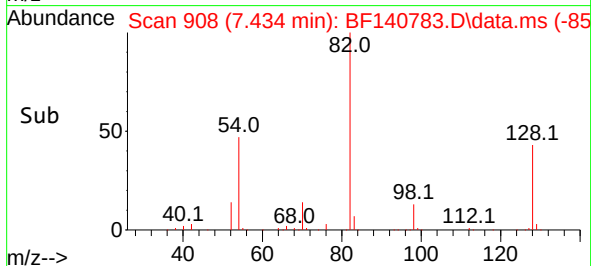


Tgt Ion: 82 Resp: 560358
Ion Ratio Lower Upper
82 100
128 43.1 33.0 49.4
54 47.8 39.5 59.3

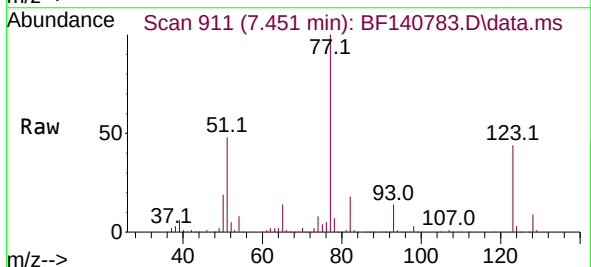
Manual Integrations

APPROVED

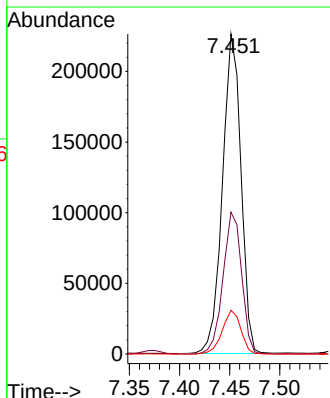
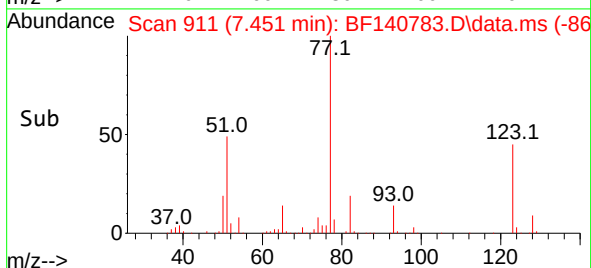
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

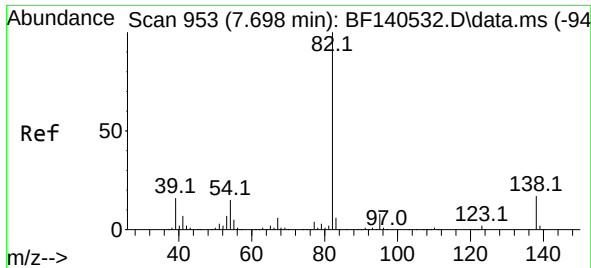


#24
Nitrobenzene
Concen: 41.497 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion: 77 Resp: 290315
Ion Ratio Lower Upper
77 100
123 44.3 34.3 51.5
65 13.7 11.2 16.8





#25
Isophorone
Concen: 41.052 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

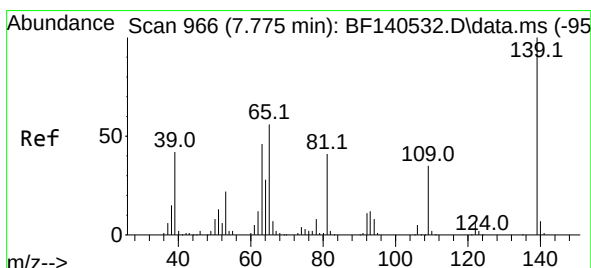
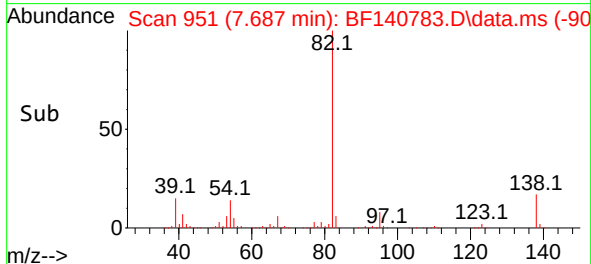
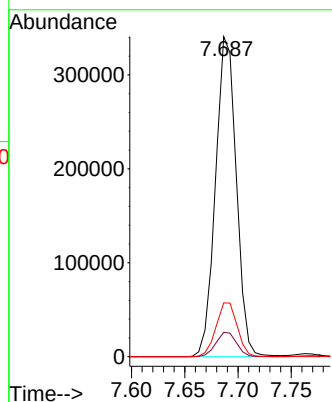
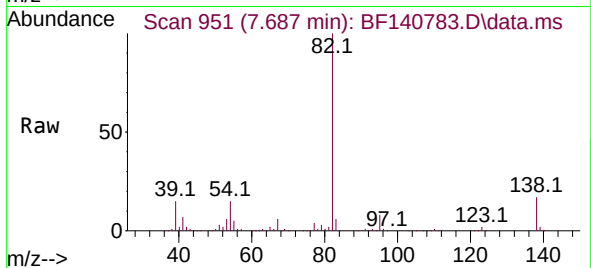
SSTDCCC040

Tgt Ion: 82 Resp: 463484
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 16.8 13.8 20.6

Manual Integrations

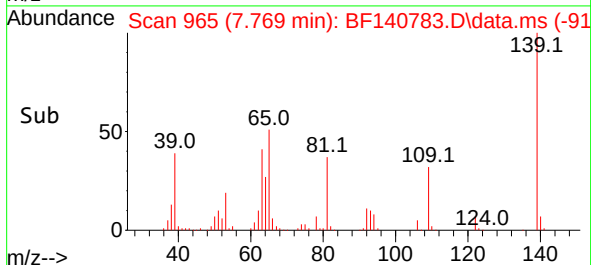
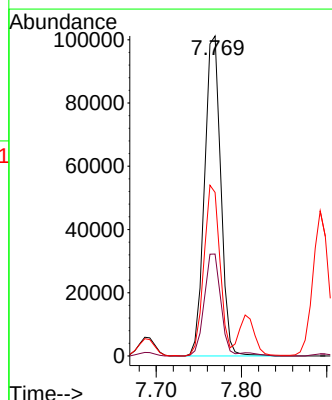
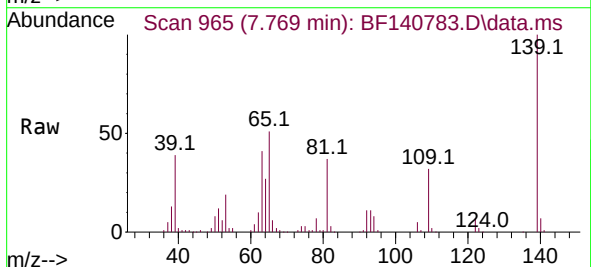
APPROVED

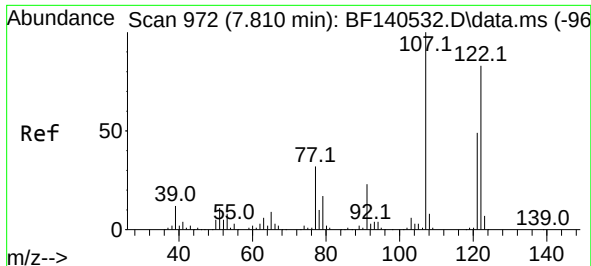
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#26
2-Nitrophenol
Concen: 43.168 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:139 Resp: 133835
Ion Ratio Lower Upper
139 100
109 31.8 28.0 42.0
65 51.1 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 45.123 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

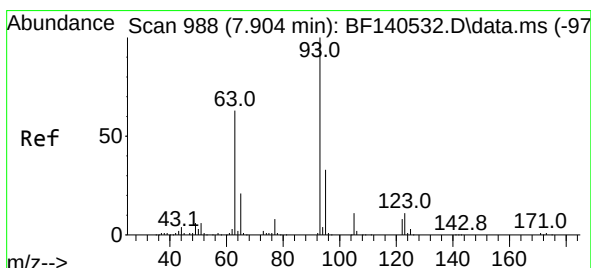
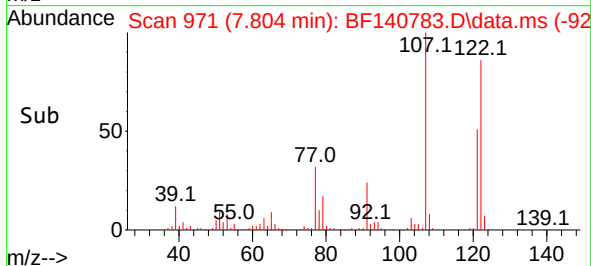
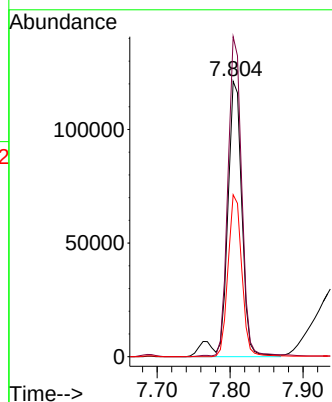
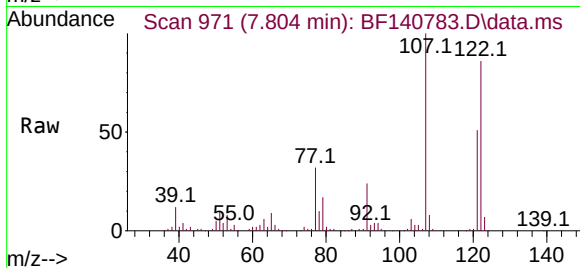
ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 16738
Ion Ratio Lower Upper
122 100
107 116.2 96.8 145.2
121 58.8 47.4 71.0

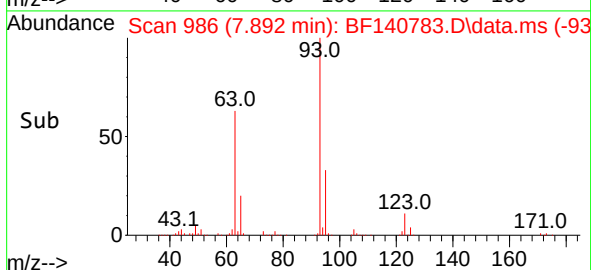
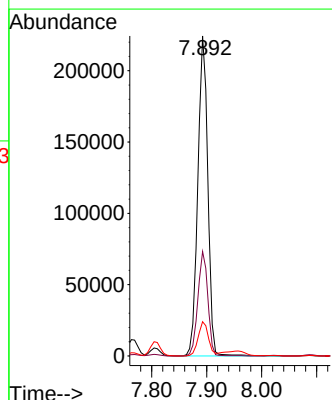
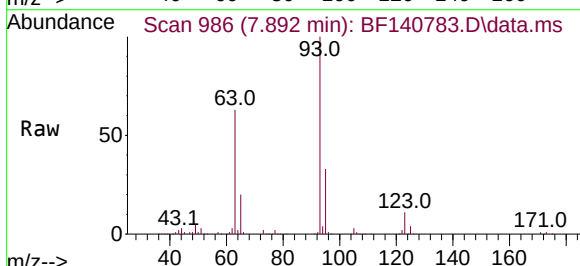
Manual Integrations
APPROVED

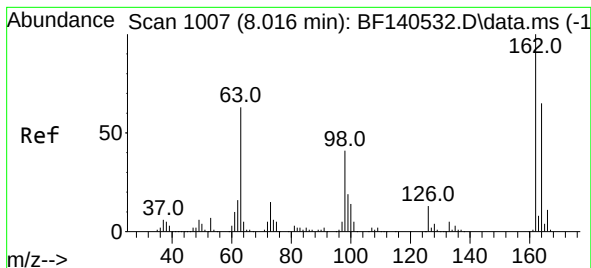
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.237 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion: 93 Resp: 283632
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 10.7 9.1 13.7





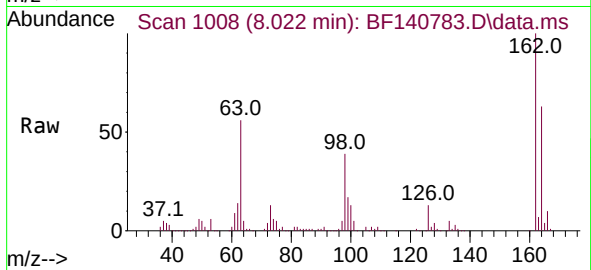
#29
2,4-Dichlorophenol
Concen: 43.123 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



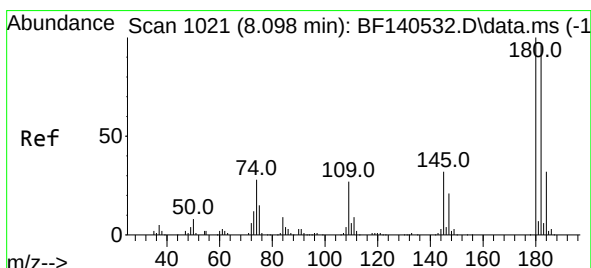
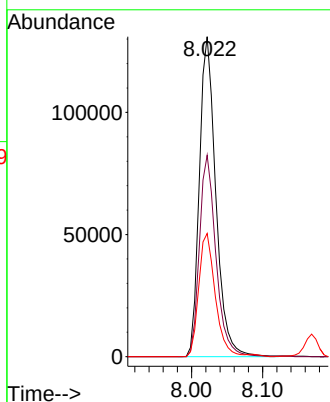
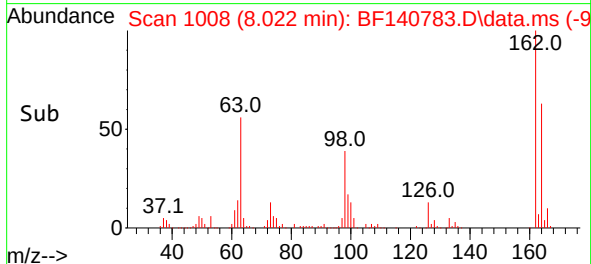
Tgt Ion:162 Resp: 211960
Ion Ratio Lower Upper
162 100
164 62.9 44.8 84.8
98 38.5 21.2 61.2

Manual Integrations

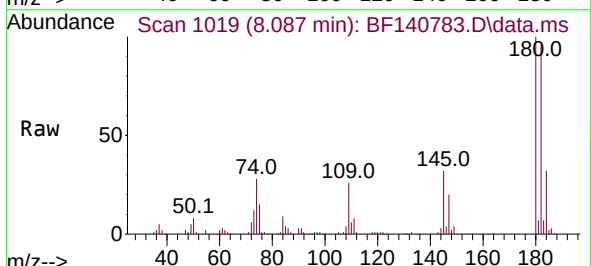
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

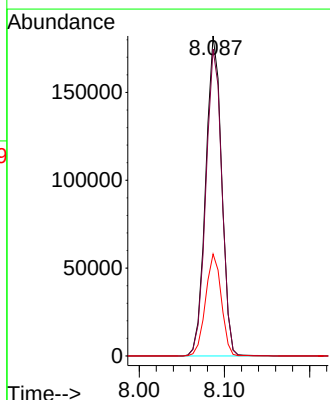
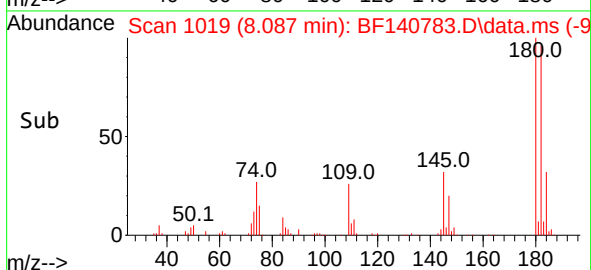
Supervised By :mohammad ahmed 12/12/2024

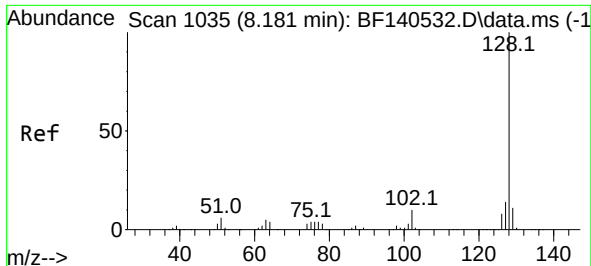


#30
1,2,4-Trichlorobenzene
Concen: 42.180 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion:180 Resp: 236722
Ion Ratio Lower Upper
180 100
182 95.9 76.4 114.6
145 31.9 25.9 38.9





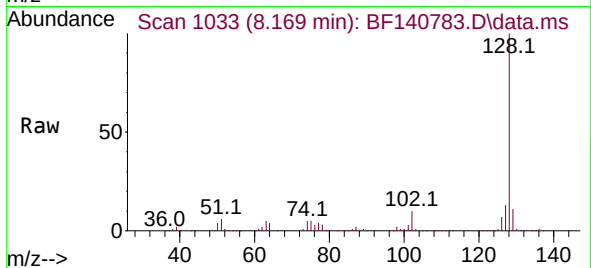
#31
Naphthalene
Concen: 42.079 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



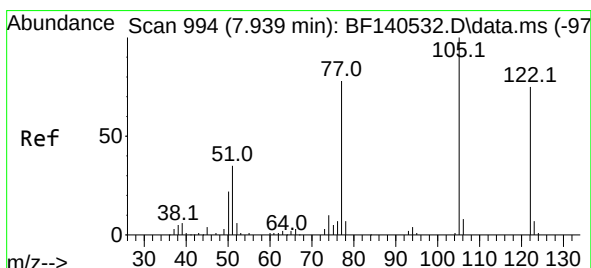
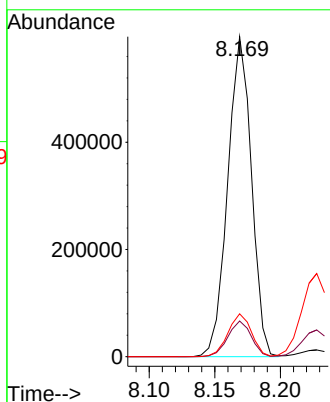
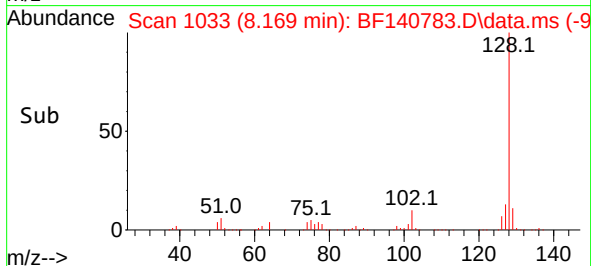
Tgt Ion:128 Resp: 75045
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.8 16.2

Manual Integrations

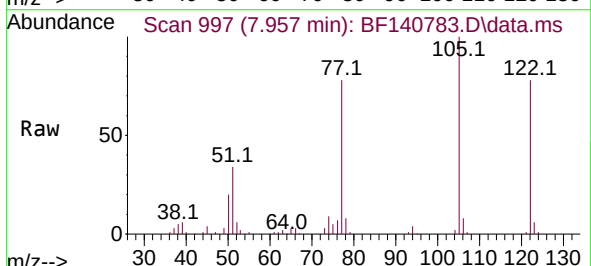
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

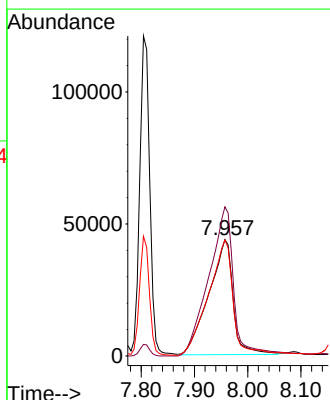
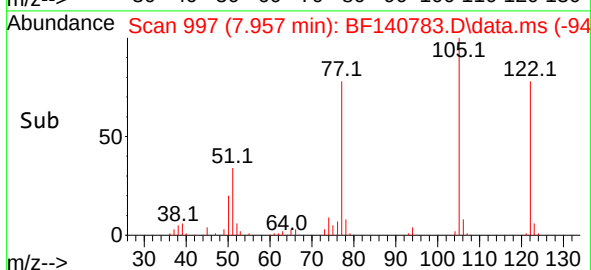
Supervised By :mohammad ahmed 12/12/2024

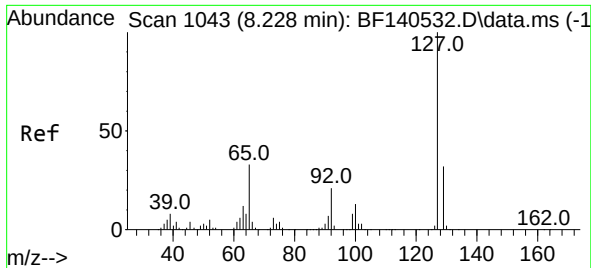


#32
Benzoic acid
Concen: 43.409 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.018 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion:122 Resp: 137515
Ion Ratio Lower Upper
122 100
105 128.2 109.3 149.3
77 99.7 82.3 122.3





#33
4-Chloroaniline
Concen: 45.404 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

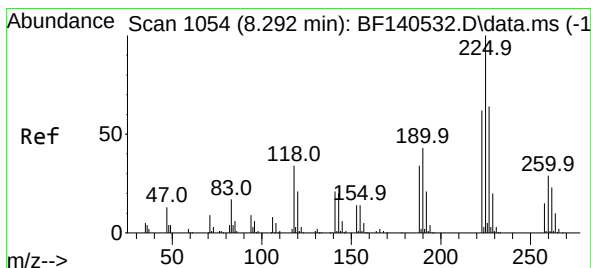
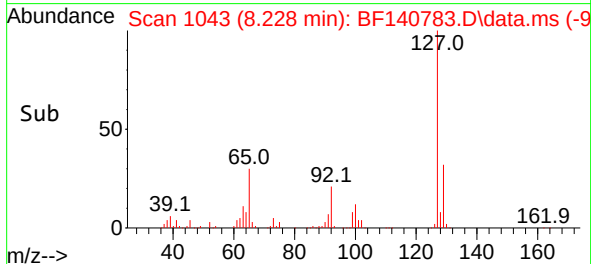
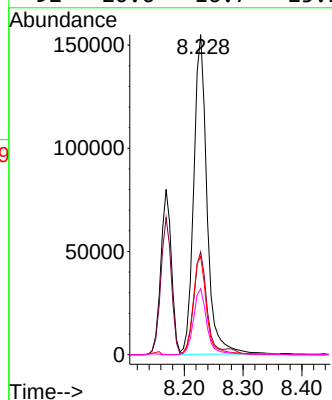
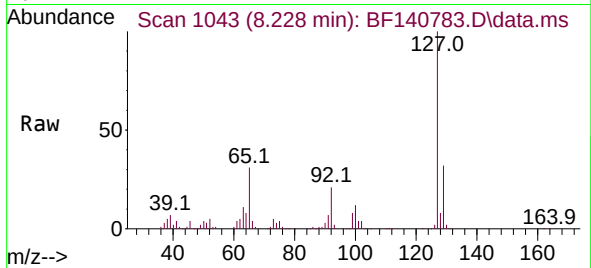
Tgt Ion:127 Resp: 24244
Ion Ratio Lower Upper
127 100
129 32.1 26.0 39.0
65 30.7 26.0 39.0
92 20.6 16.7 25.1

Manual Integrations

APPROVED

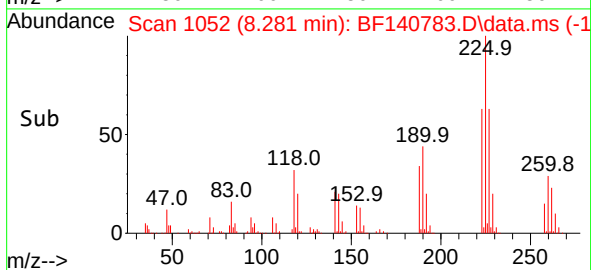
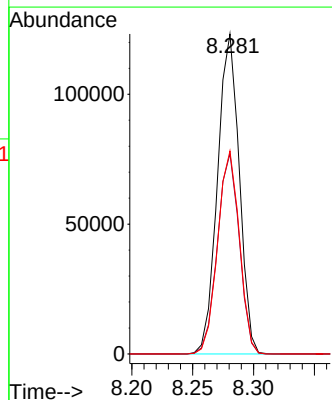
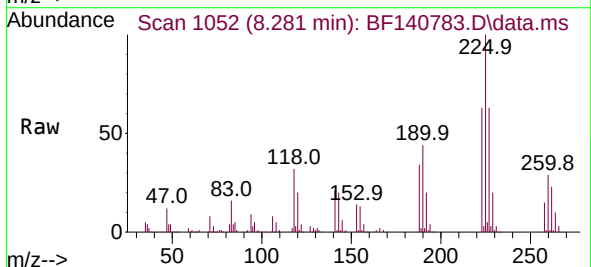
Reviewed By :Yogesh Patel 12/11/2024

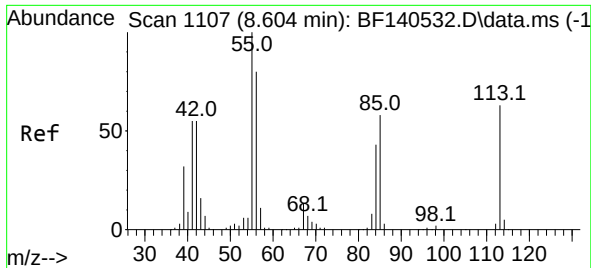
Supervised By :mohammad ahmed 12/12/2024



#34
Hexachlorobutadiene
Concen: 41.194 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:225 Resp: 153128
Ion Ratio Lower Upper
225 100
223 62.6 49.8 74.8
227 63.5 51.3 76.9





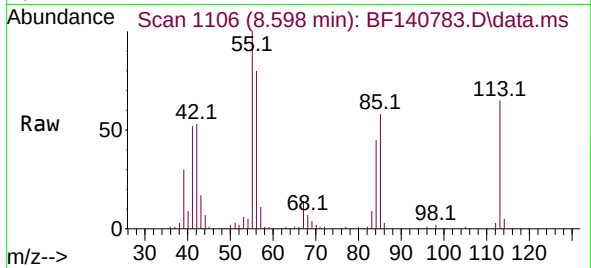
#35
Caprolactam
Concen: 43.862 ng
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

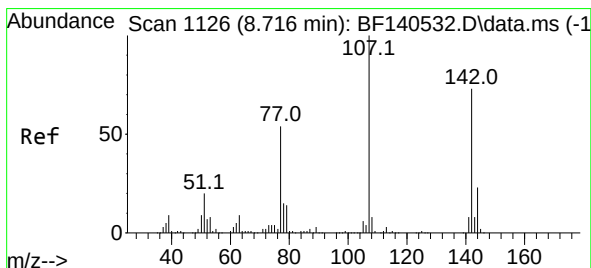
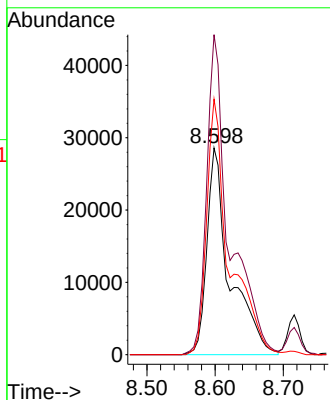
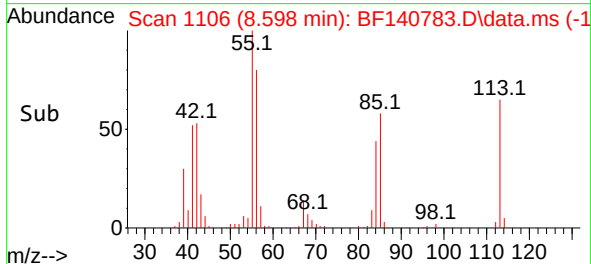


Tgt Ion:113 Resp: 66720
Ion Ratio Lower Upper
113 100
55 154.8 137.7 177.7
56 123.6 106.4 146.4

Manual Integrations

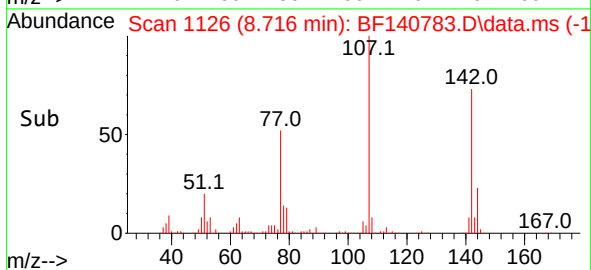
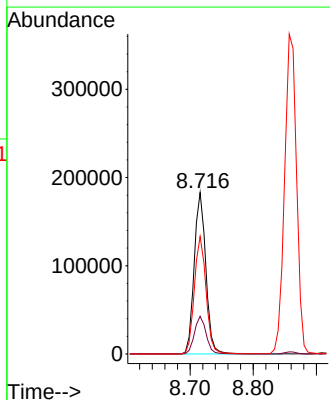
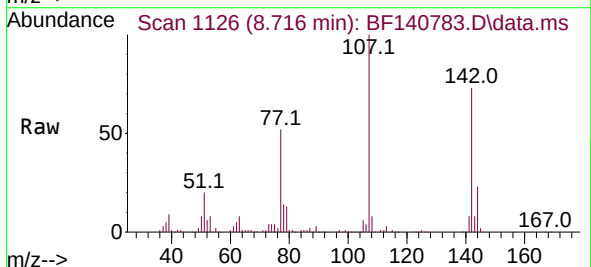
APPROVED

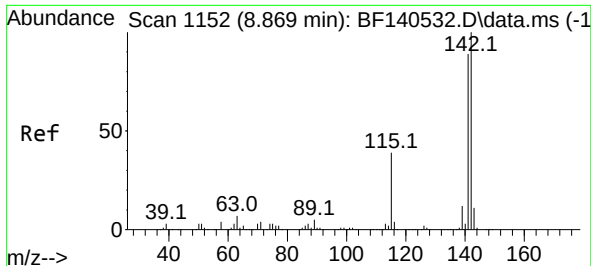
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#36
4-Chloro-3-methylphenol
Concen: 42.668 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:107 Resp: 234815
Ion Ratio Lower Upper
107 100
144 23.3 18.7 28.1
142 72.7 58.3 87.5





#37

2-Methylnaphthalene

Concen: 41.962 ng

RT: 8.857 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 47532

Ion Ratio Lower Upper

142 100

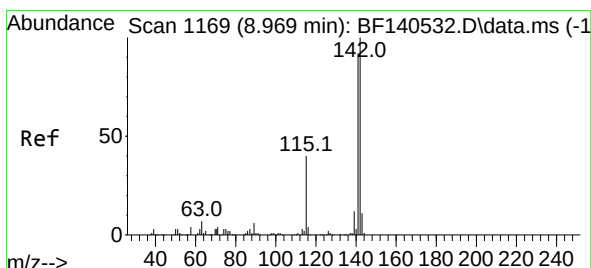
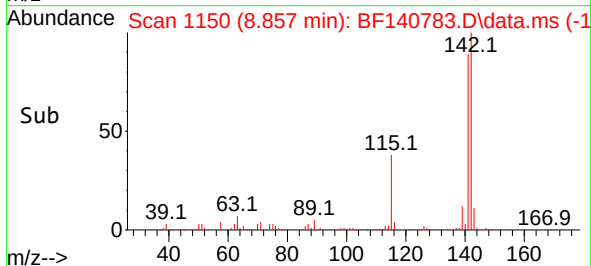
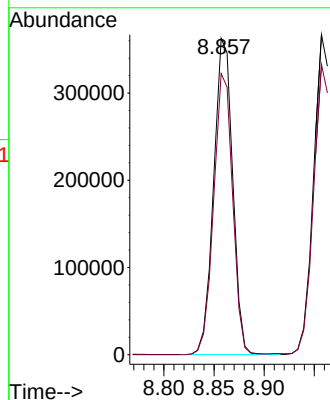
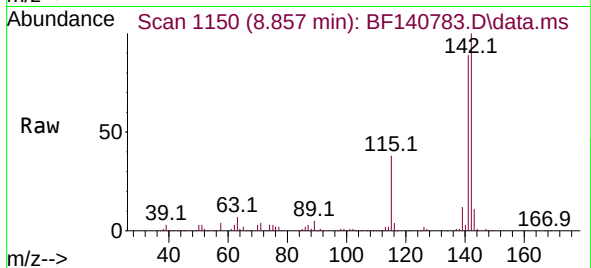
141 88.9 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#38

1-Methylnaphthalene

Concen: 42.163 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF140783.D

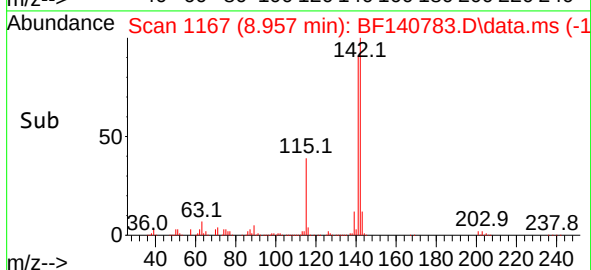
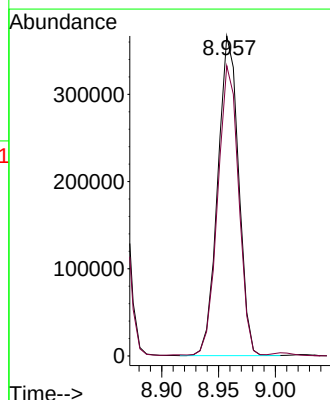
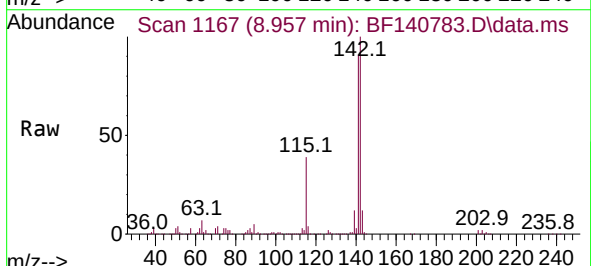
Acq: 09 Dec 2024 12:21

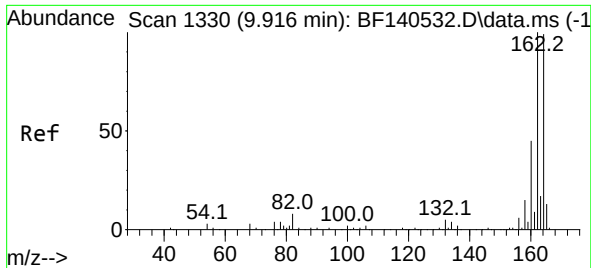
Tgt Ion:142 Resp: 468155

Ion Ratio Lower Upper

142 100

141 90.7 73.3 109.9





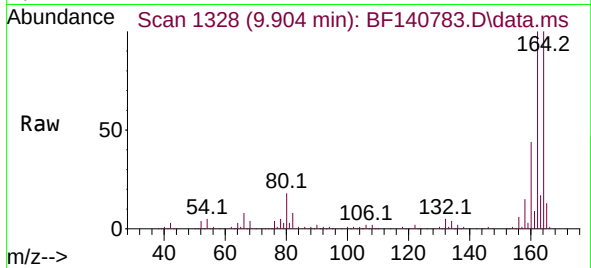
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNF_F

ClientSampleId :

SSTDCCC040



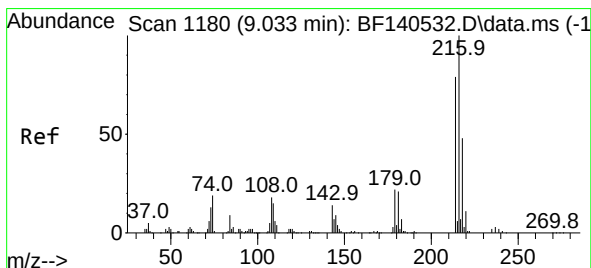
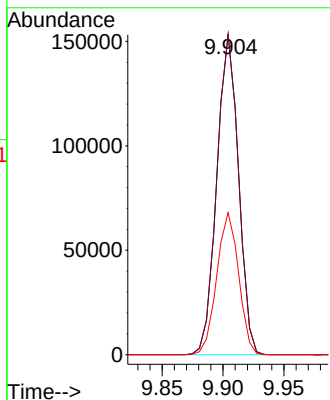
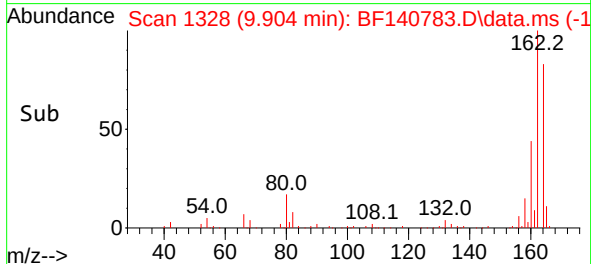
Tgt Ion:164 Resp: 189814
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 44.4 36.2 54.4

Manual Integrations

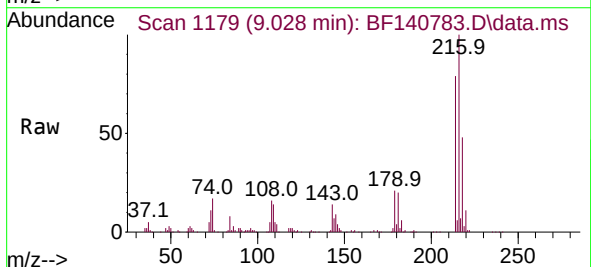
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

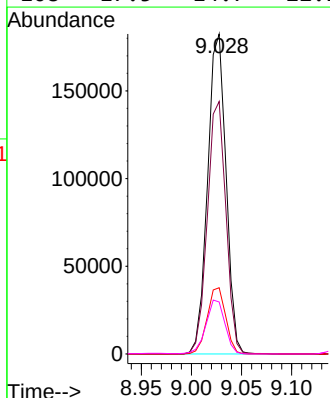
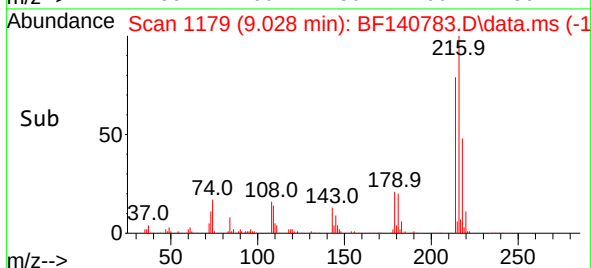
Supervised By :mohammad ahmed 12/12/2024

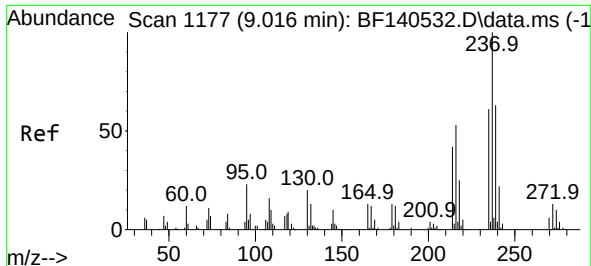


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.999 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion:216 Resp: 233383
Ion Ratio Lower Upper
216 100
214 79.6 63.0 94.4
179 20.8 17.5 26.3
108 17.5 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 32.913 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

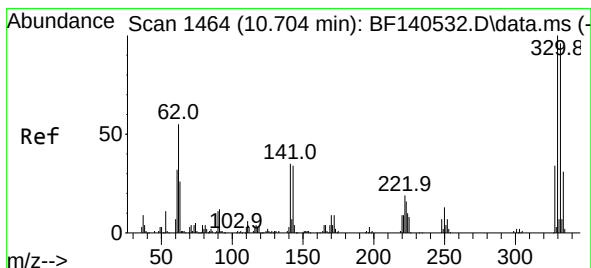
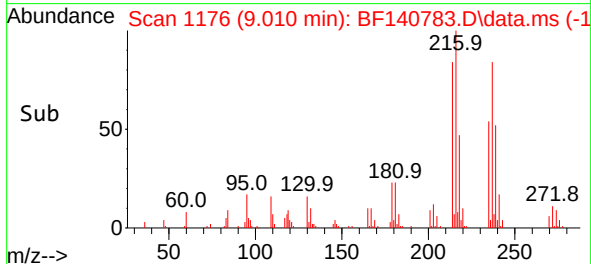
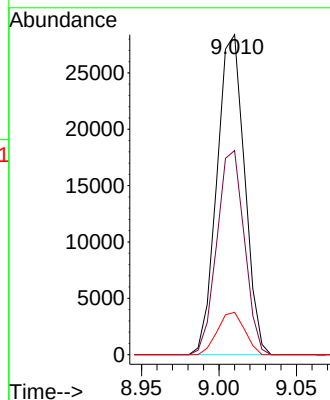
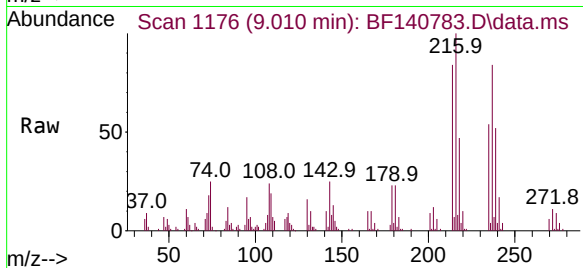
SSTDCCC040

Tgt Ion:237 Resp: 3521
Ion Ratio Lower Upper
237 100
235 63.8 41.1 81.1
272 13.3 0.0 32.6

Manual Integrations

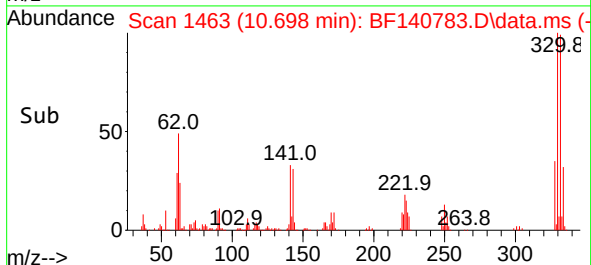
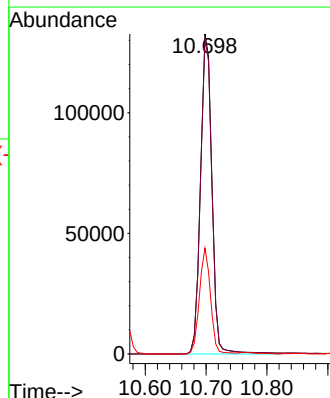
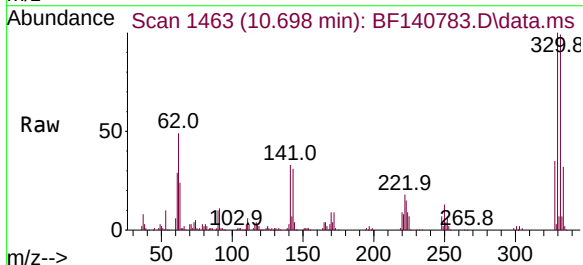
APPROVED

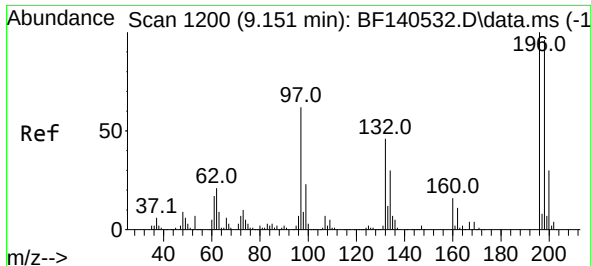
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#42
2,4,6-Tribromophenol
Concen: 85.503 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:330 Resp: 173577
Ion Ratio Lower Upper
330 100
332 99.1 76.9 115.3
141 31.9 26.7 40.1





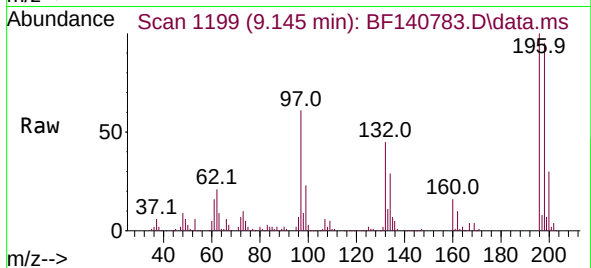
#43
2,4,6-Trichlorophenol
Concen: 42.170 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



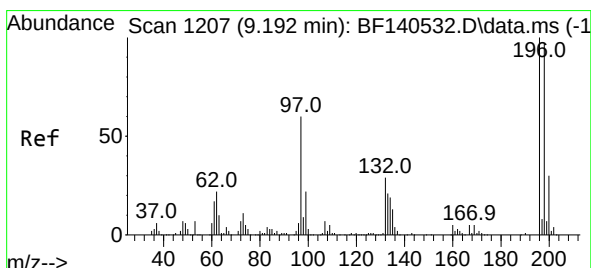
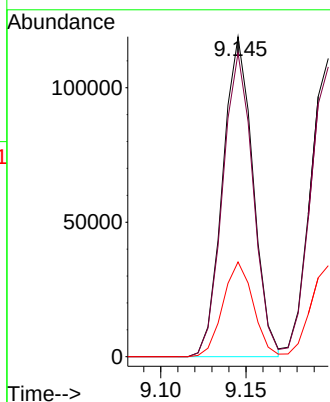
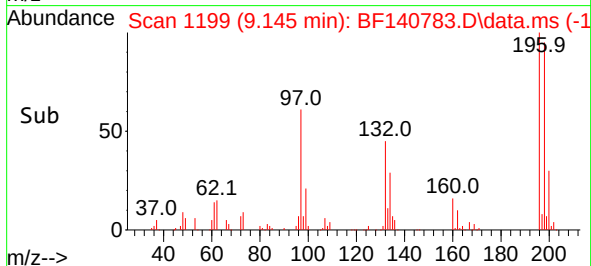
Tgt Ion:196 Resp: 147039
Ion Ratio Lower Upper
196 100
198 94.9 76.8 115.2
200 29.6 24.3 36.5

Manual Integrations

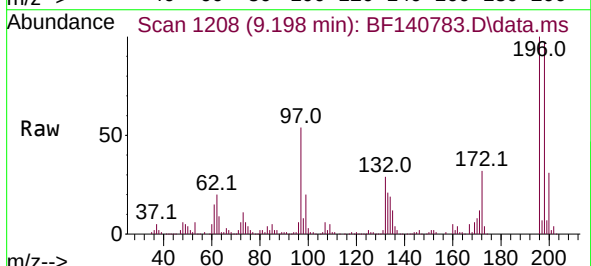
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

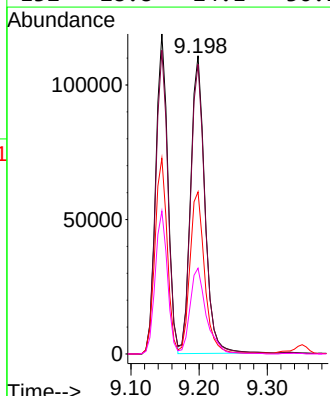
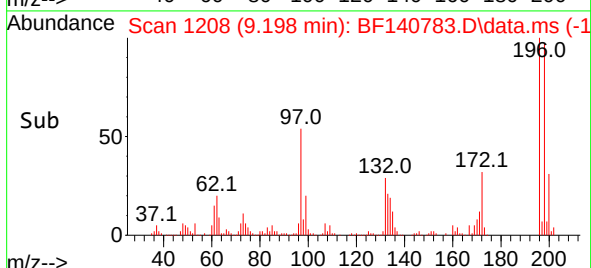
Supervised By :mohammad ahmed 12/12/2024

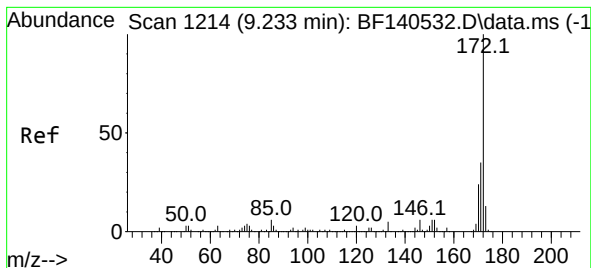


#44
2,4,5-Trichlorophenol
Concen: 42.385 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion:196 Resp: 160393
Ion Ratio Lower Upper
196 100
198 97.2 77.2 115.8
97 54.4 47.1 70.7
132 28.8 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 83.324 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1061518

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

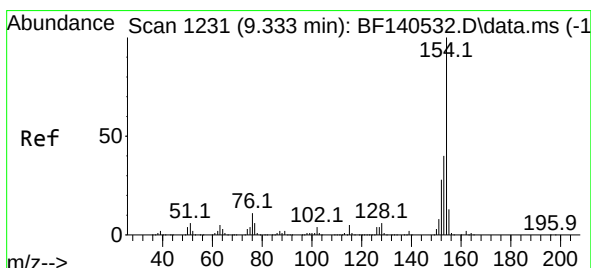
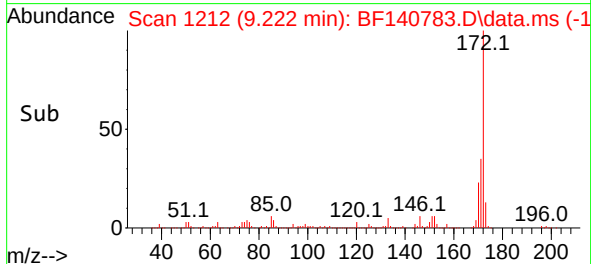
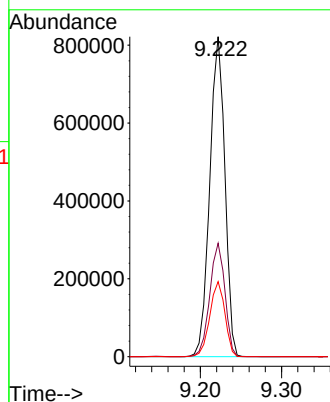
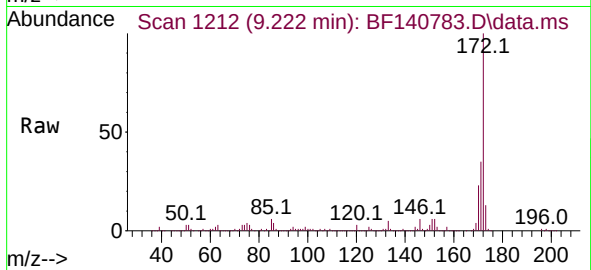
170 23.4 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#46

1,1'-Biphenyl

Concen: 41.803 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

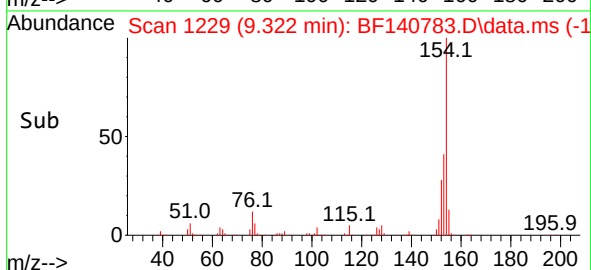
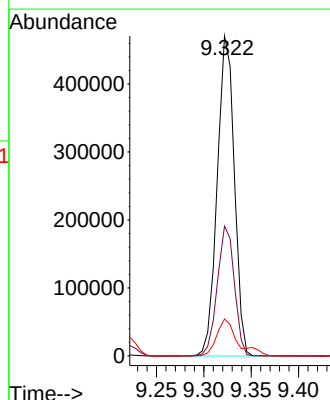
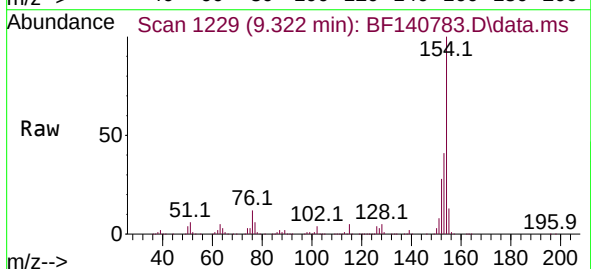
Tgt Ion:154 Resp: 592420

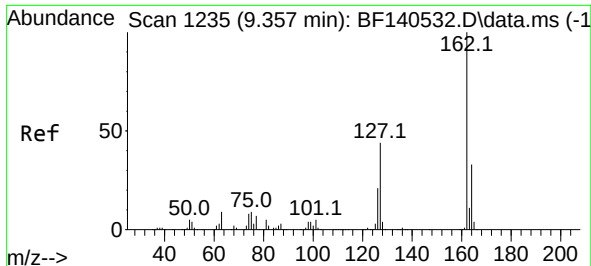
Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

76 11.6 0.0 31.2





#47

2-Chloronaphthalene

Concen: 42.280 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 454010

Ion Ratio Lower Upper

162 100

127 43.6 35.7 53.5

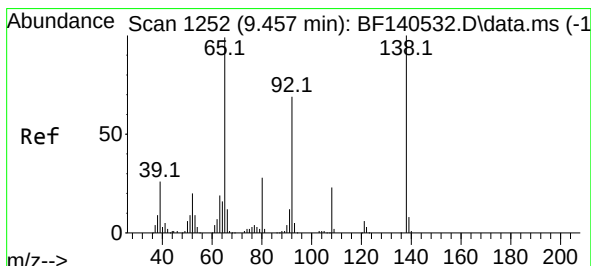
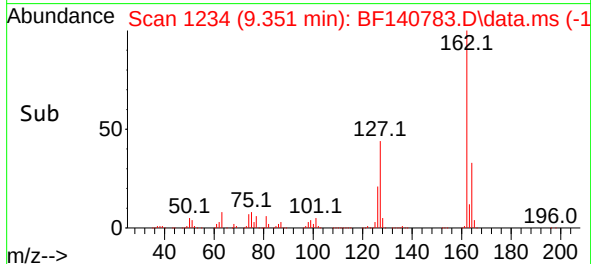
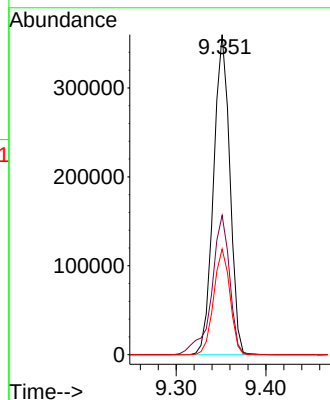
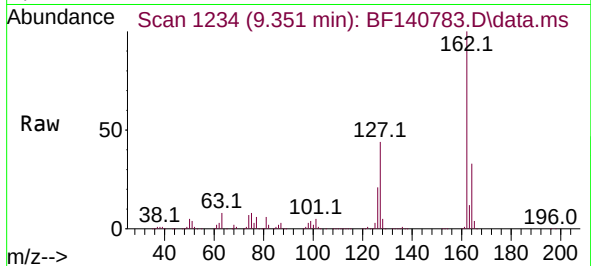
164 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#48

2-Nitroaniline

Concen: 42.872 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

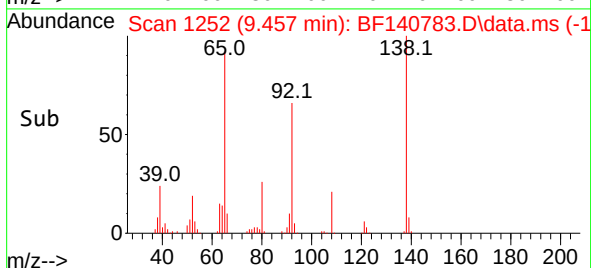
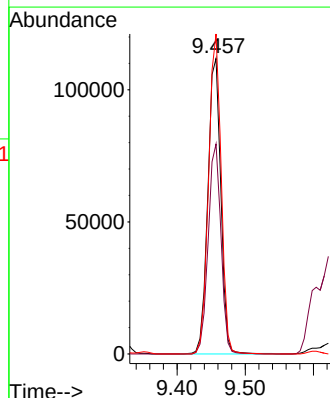
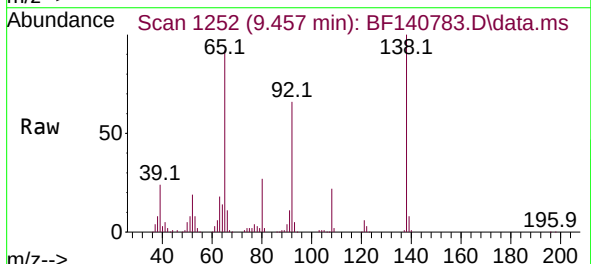
Tgt Ion: 65 Resp: 147770

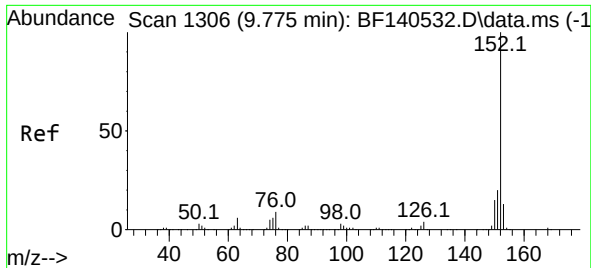
Ion Ratio Lower Upper

65 100

92 71.0 56.1 84.1

138 108.3 81.0 121.6





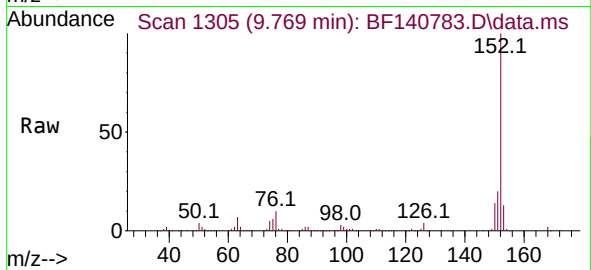
#49
Acenaphthylene
Concen: 42.350 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



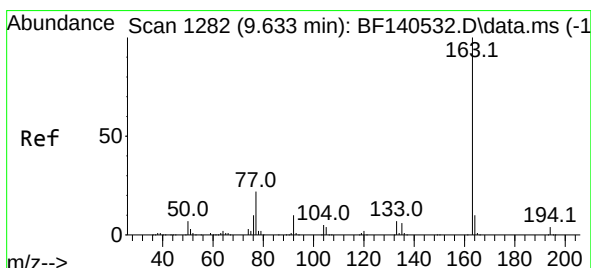
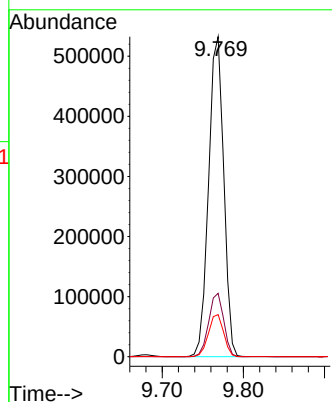
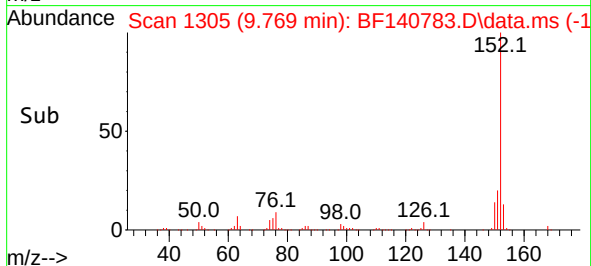
Tgt Ion:152 Resp: 687115
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.2 10.6 16.0

Manual Integrations

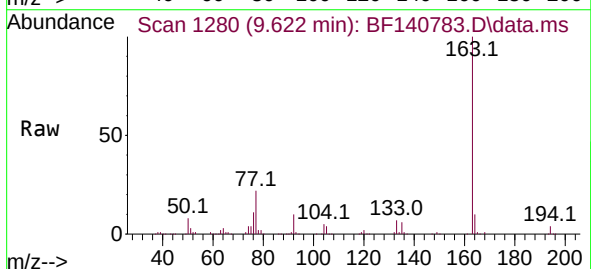
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

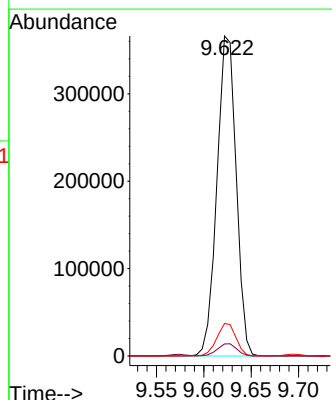
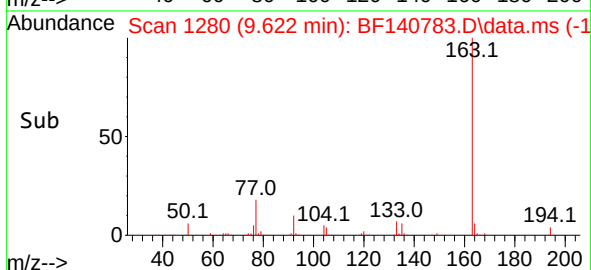
Supervised By :mohammad ahmed 12/12/2024

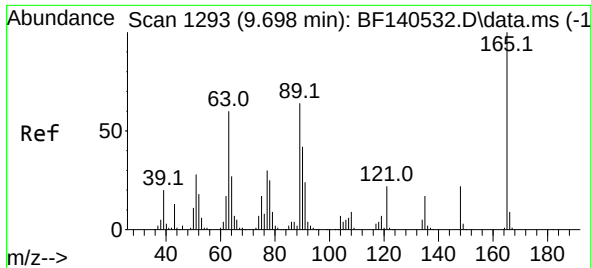


#50
Dimethylphthalate
Concen: 41.436 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion:163 Resp: 517989
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.2 8.2 12.2





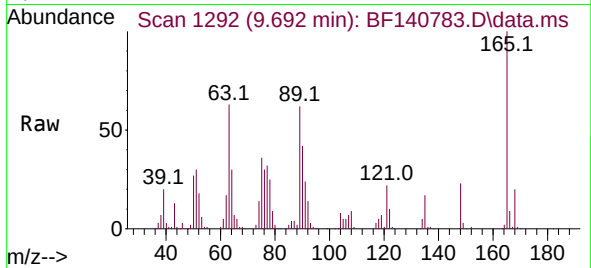
#51
2,6-Dinitrotoluene
Concen: 43.017 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



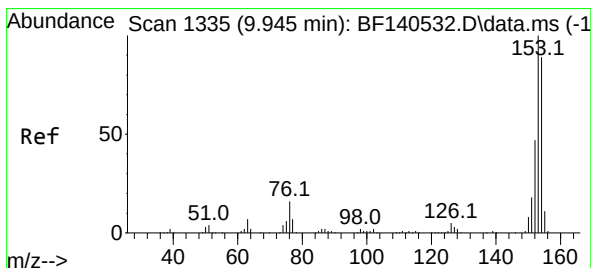
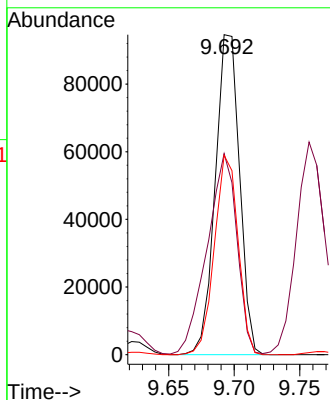
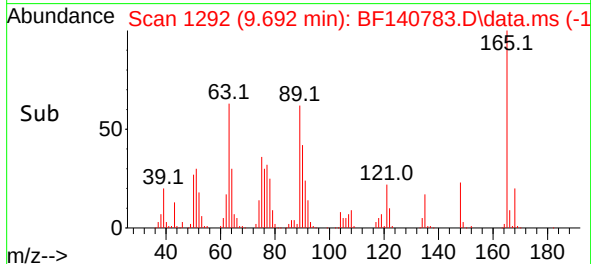
Tgt Ion:165 Resp: 12196
Ion Ratio Lower Upper
165 100
63 62.8 49.9 74.9
89 62.3 50.9 76.3

Manual Integrations

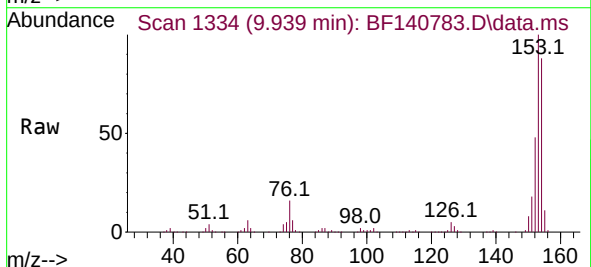
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

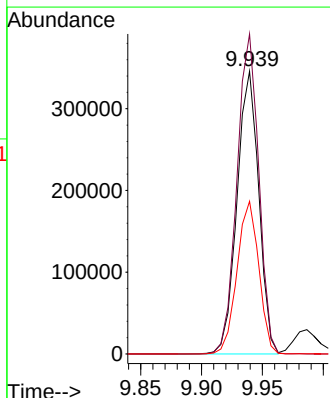
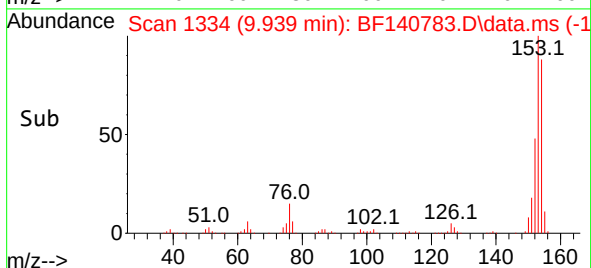
Supervised By :mohammad ahmed 12/12/2024

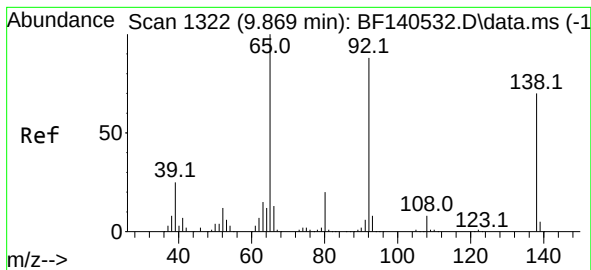


#52
Acenaphthene
Concen: 41.812 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion:154 Resp: 431042
Ion Ratio Lower Upper
154 100
153 113.2 89.7 134.5
152 54.0 42.5 63.7





#53
3-Nitroaniline
Concen: 45.543 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

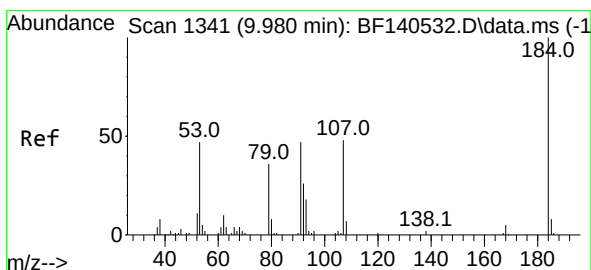
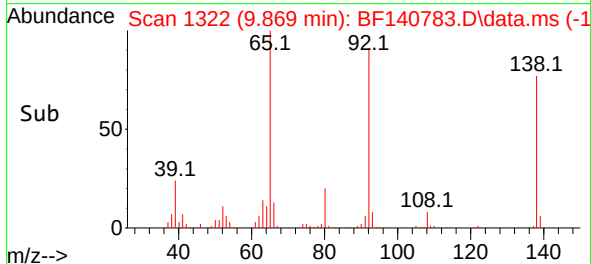
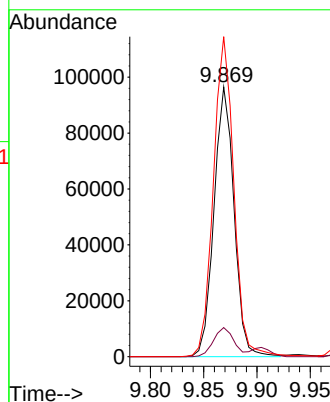
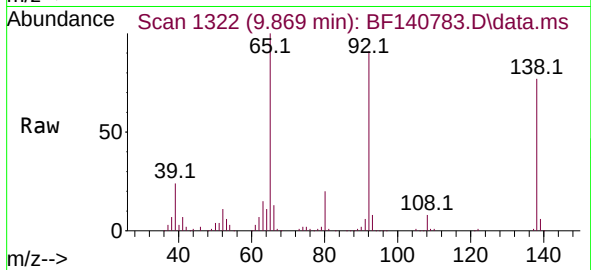
SSTDCCC040

Tgt Ion:138 Resp: 126289
Ion Ratio Lower Upper
138 100
108 10.8 9.2 13.8
92 118.7 100.6 150.8

Manual Integrations

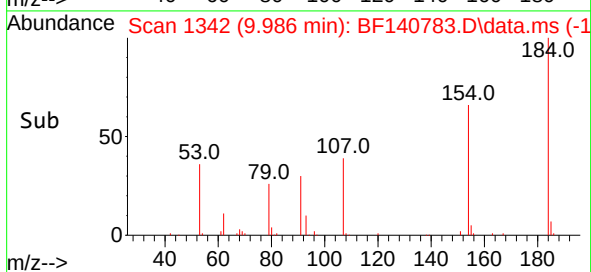
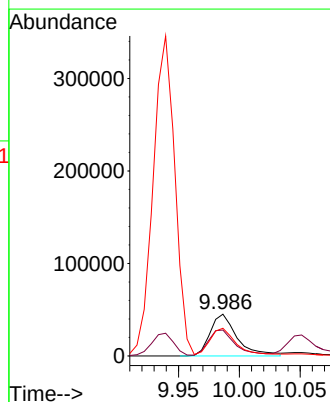
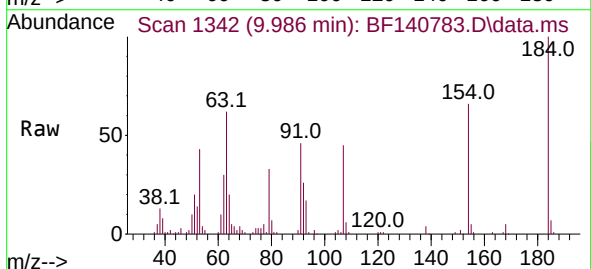
APPROVED

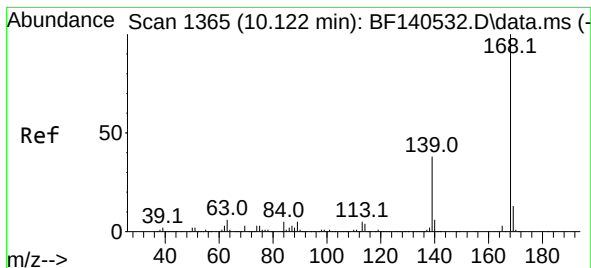
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#54
2,4-Dinitrophenol
Concen: 50.797 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

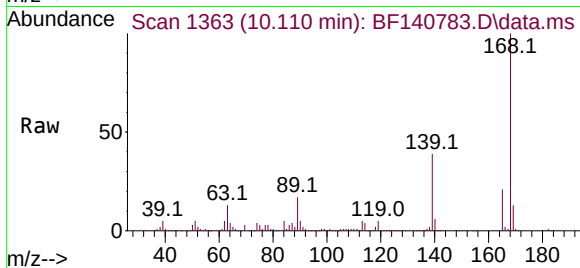
Tgt Ion:184 Resp: 69941
Ion Ratio Lower Upper
184 100
63 62.0 54.1 81.1
154 66.2 57.4 86.0





#55
Dibenzenofuran
Concen: 41.621 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

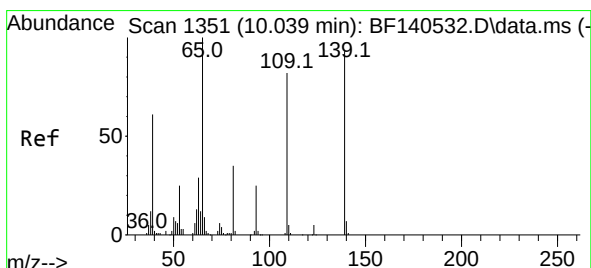
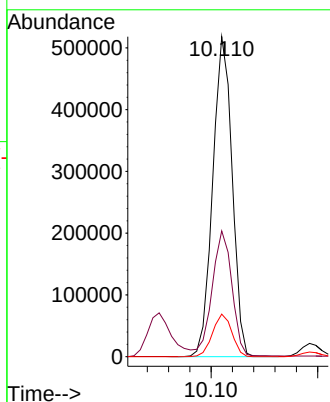
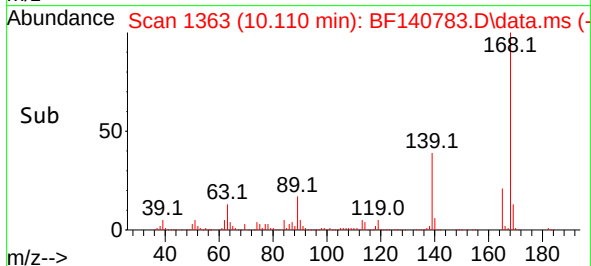
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 65447
Ion Ratio Lower Upper
168 100
139 39.3 31.3 46.9
169 13.3 10.5 15.7

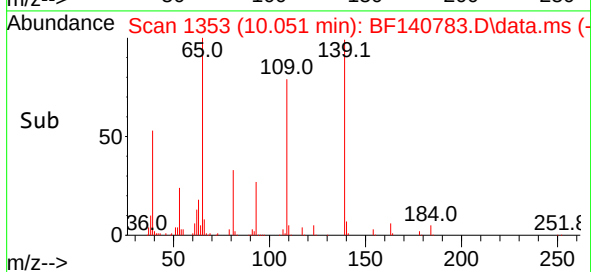
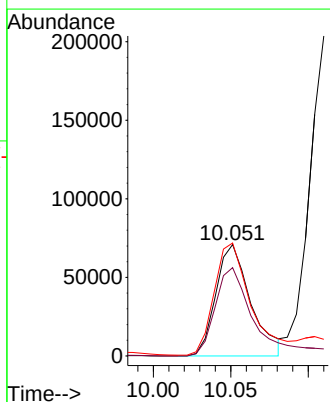
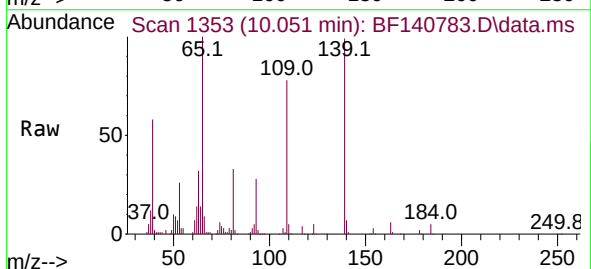
Manual Integrations
APPROVED

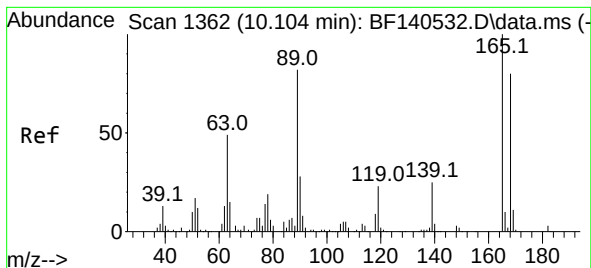
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#56
4-Nitrophenol
Concen: 58.509 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:139 Resp: 110649
Ion Ratio Lower Upper
139 100
109 79.3 68.4 108.4
65 101.5 88.6 128.6





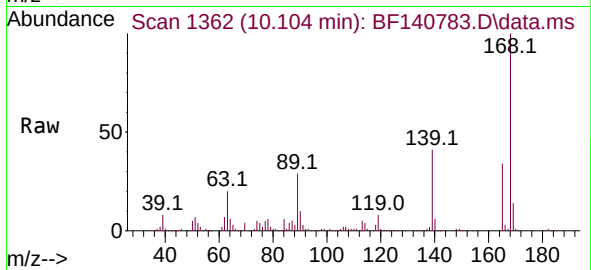
#57
2,4-Dinitrotoluene
Concen: 43.418 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



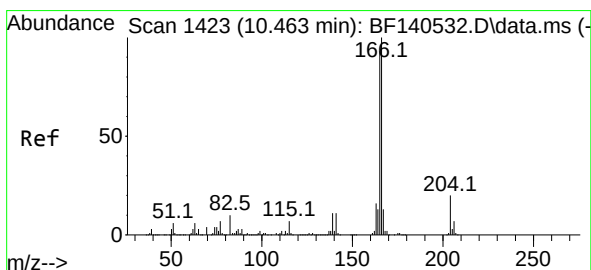
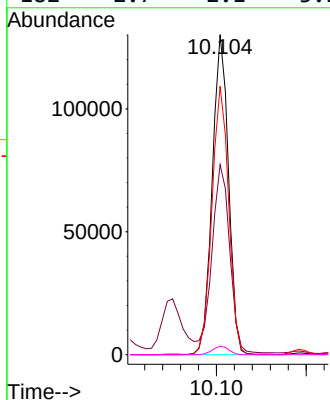
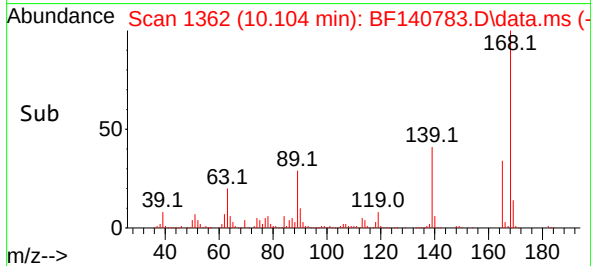
Tgt Ion:165 Resp: 16360
Ion Ratio Lower Upper
165 100
63 59.4 41.7 62.5
89 83.8 65.8 98.8
182 2.7 2.1 3.1

Manual Integrations

APPROVED

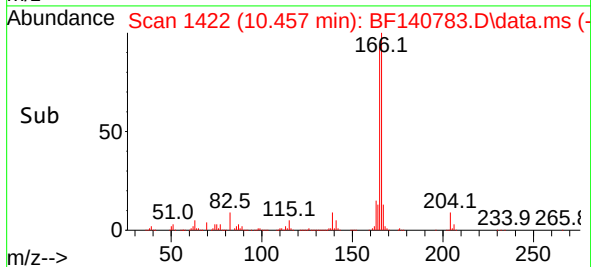
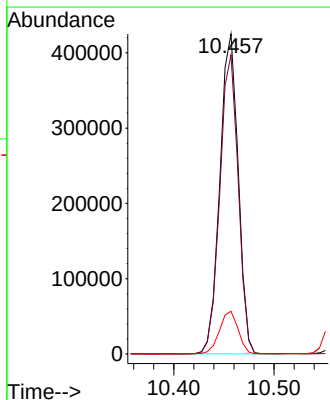
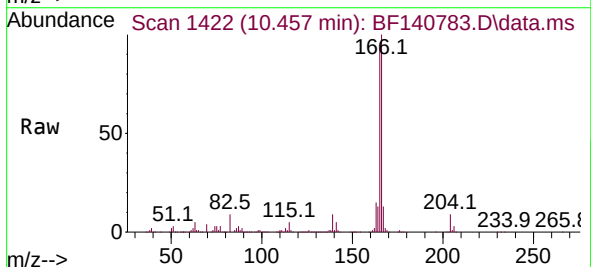
Reviewed By :Yogesh Patel 12/11/2024

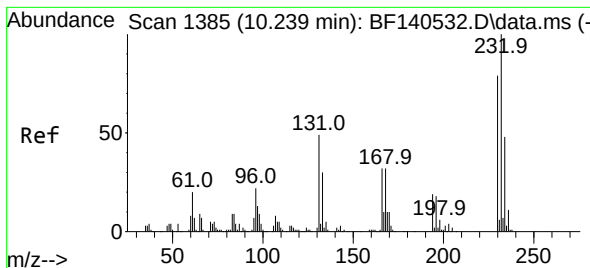
Supervised By :mohammad ahmed 12/12/2024



#58
Fluorene
Concen: 42.611 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

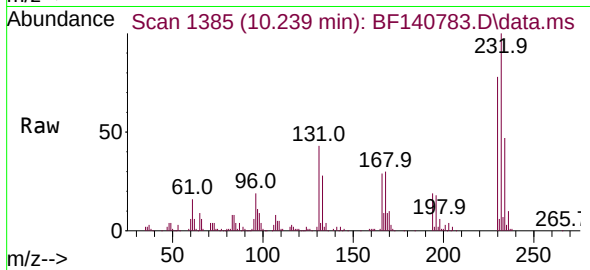
Tgt Ion:166 Resp: 537820
Ion Ratio Lower Upper
166 100
165 93.4 74.6 111.8
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.540 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

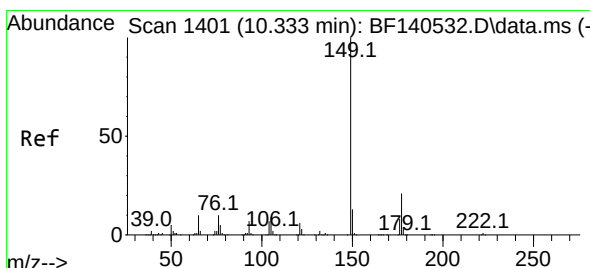
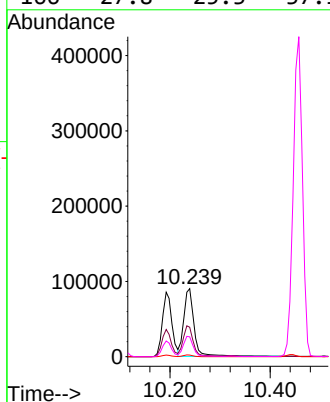
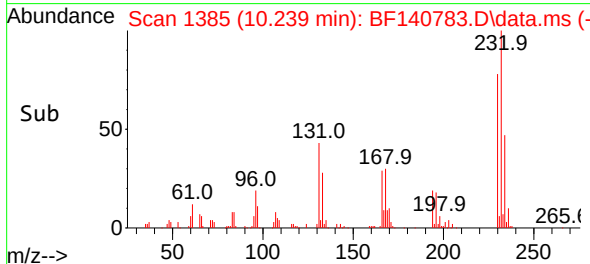
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



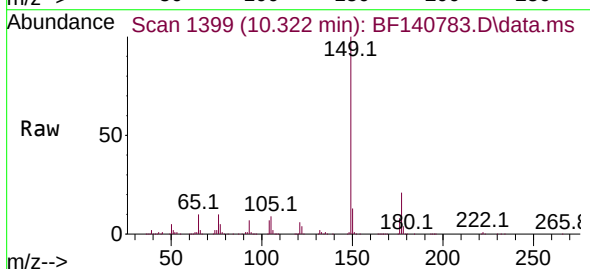
Tgt Ion:232 Resp: 129530
Ion Ratio Lower Upper
232 100
131 43.8 39.6 59.4
130 2.3 1.9 2.9
166 27.8 25.3 37.9

Manual Integrations
APPROVED

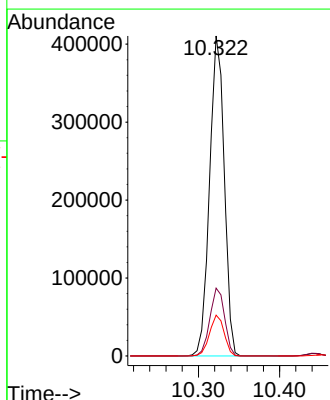
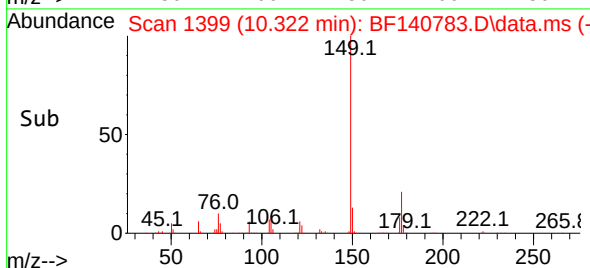
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

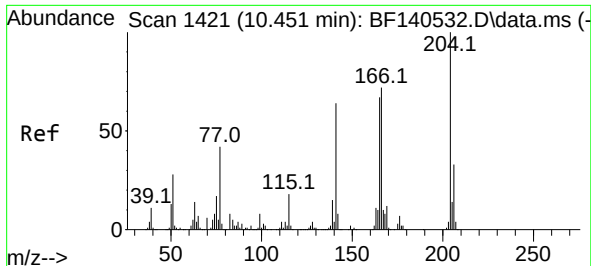


#60
Diethylphthalate
Concen: 40.514 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion:149 Resp: 514575
Ion Ratio Lower Upper
149 100
177 21.2 17.1 25.7
150 12.7 10.1 15.1





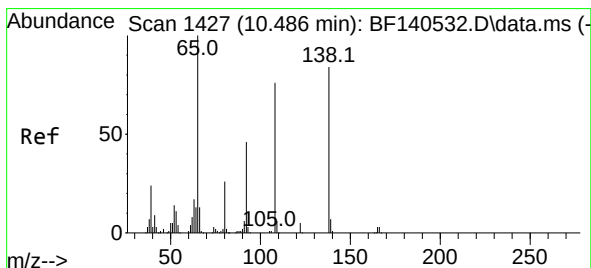
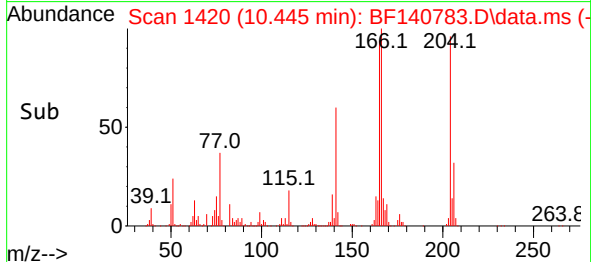
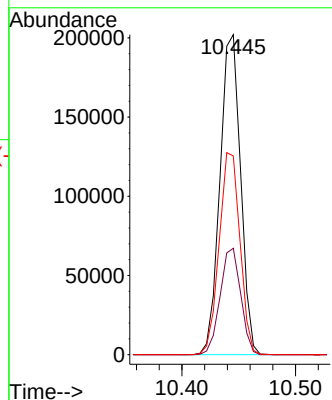
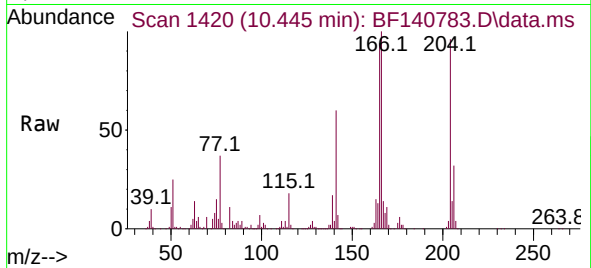
#61
4-Chlorophenyl-phenylether
Concen: 41.184 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 25510
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 62.1 51.1 76.7

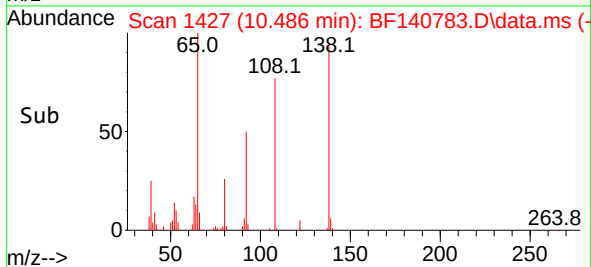
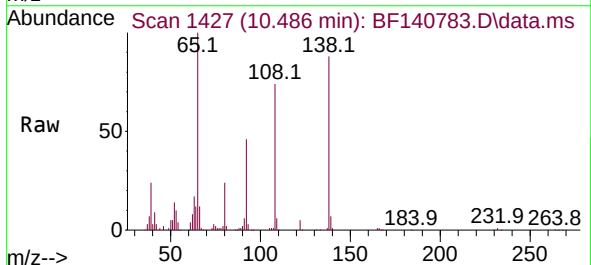
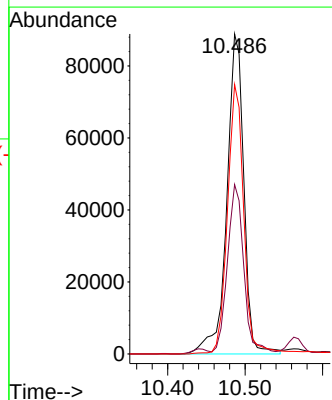
Manual Integrations
APPROVED

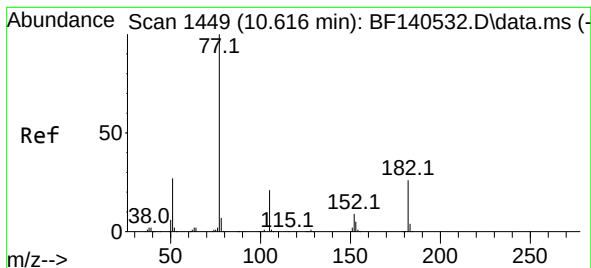
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#62
4-Nitroaniline
Concen: 46.773 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

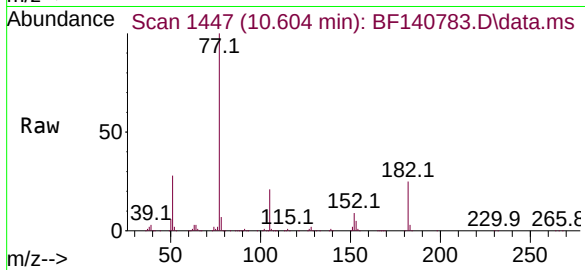
Tgt Ion:138 Resp: 136029
Ion Ratio Lower Upper
138 100
92 53.0 34.5 74.5
108 84.2 70.6 110.6





#63
Azobenzene
Concen: 40.898 ng
RT: 10.604 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

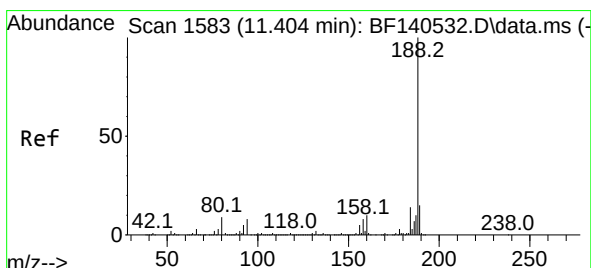
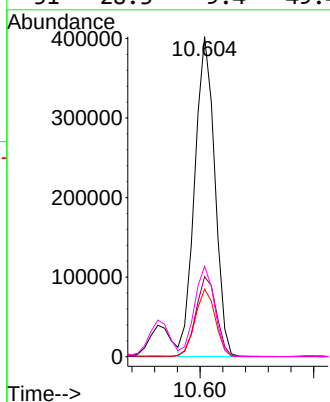
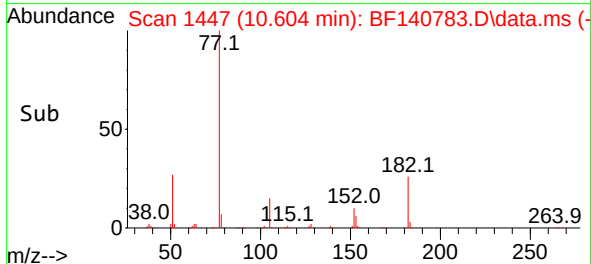
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



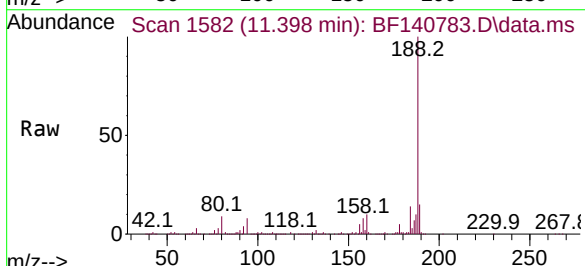
Tgt Ion: 77 Resp: 491918
Ion Ratio Lower Upper
77 100
182 25.0 5.3 45.3
105 21.1 0.3 40.3
51 28.3 9.4 49.4

Manual Integrations
APPROVED

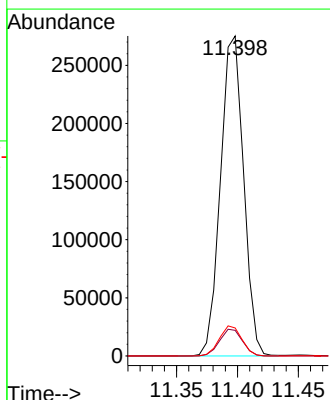
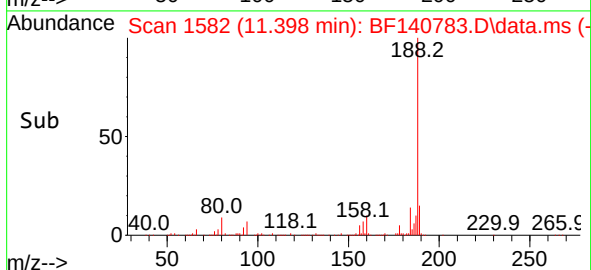
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

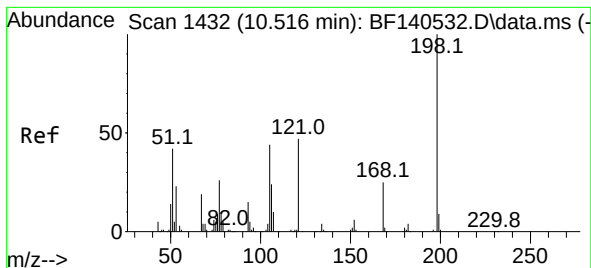


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion:188 Resp: 363500
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.8 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 48.398 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

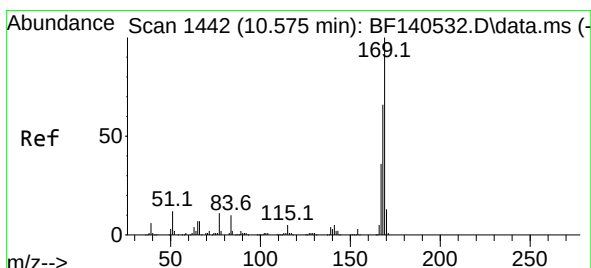
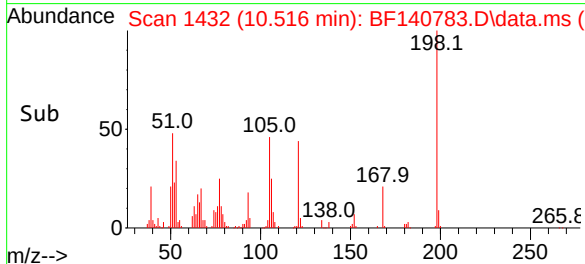
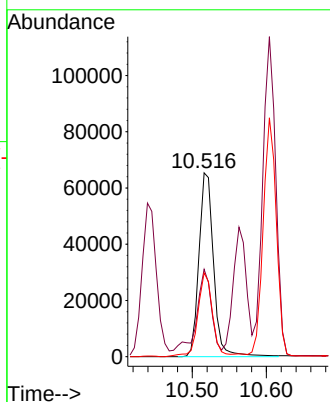
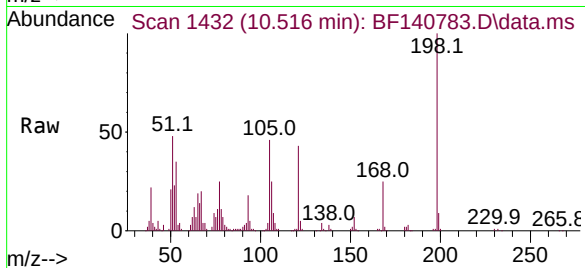
SSTDCCC040

Tgt Ion:198 Resp: 89900
Ion Ratio Lower Upper
198 100
51 47.5 29.4 69.4
105 45.6 25.4 65.4

Manual Integrations

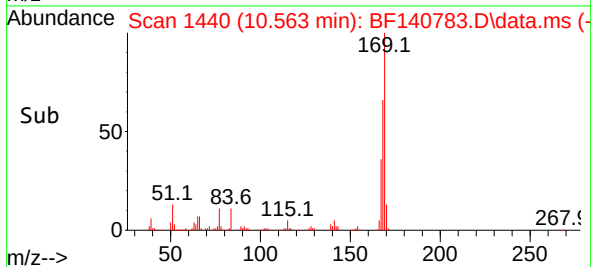
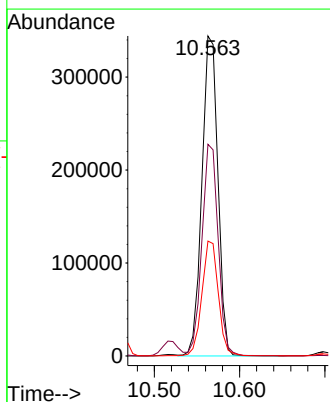
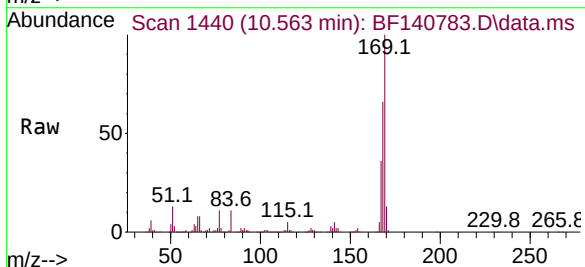
APPROVED

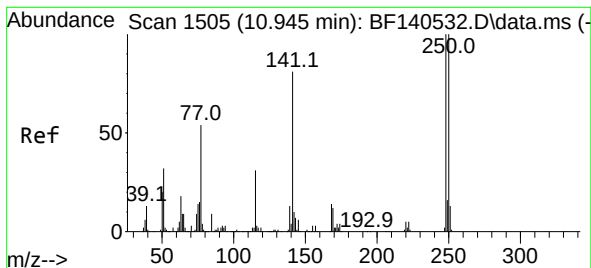
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#66
n-Nitrosodiphenylamine
Concen: 41.734 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

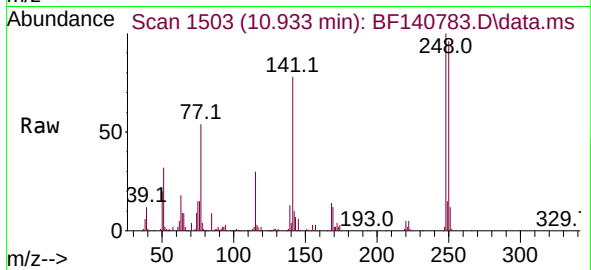
Tgt Ion:169 Resp: 448621
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 35.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 41.485 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

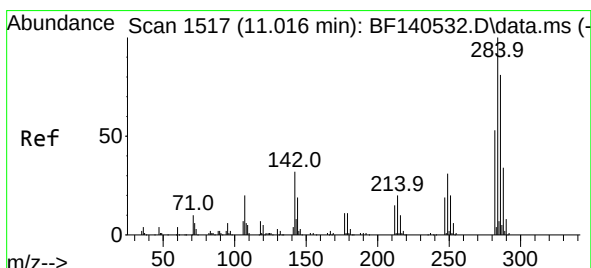
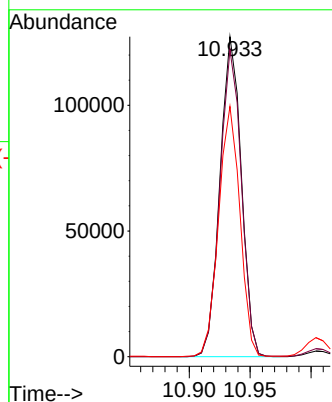
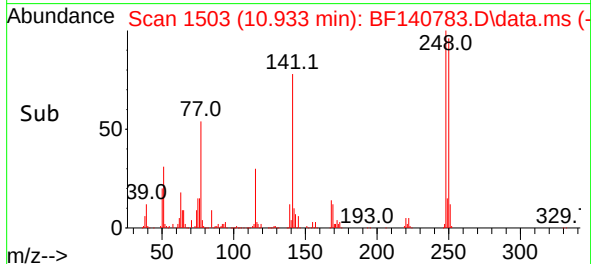
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 155300
Ion Ratio Lower Upper
248 100
250 95.9 79.8 119.8
141 78.2 64.7 97.1

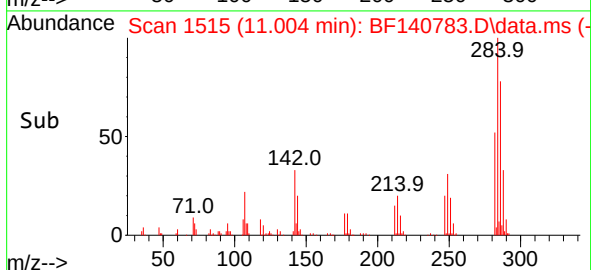
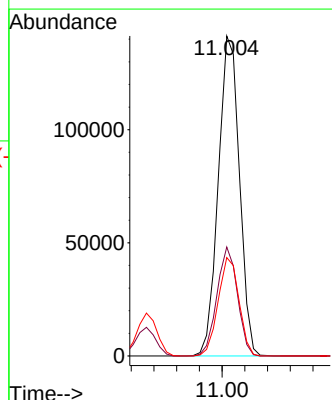
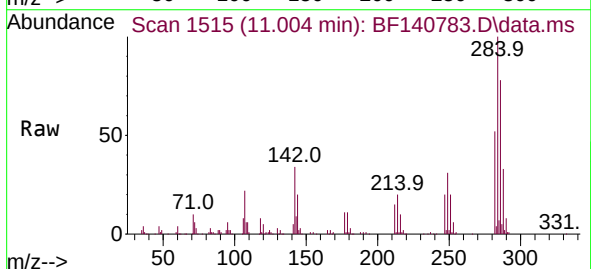
Manual Integrations
APPROVED

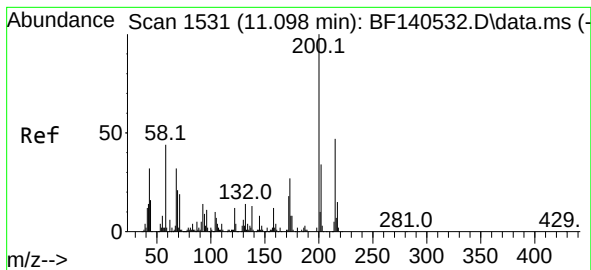
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#68
Hexachlorobenzene
Concen: 42.174 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:284 Resp: 182807
Ion Ratio Lower Upper
284 100
142 34.0 25.3 37.9
249 30.7 24.8 37.2





#69

Atrazine

Concen: 32.001 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

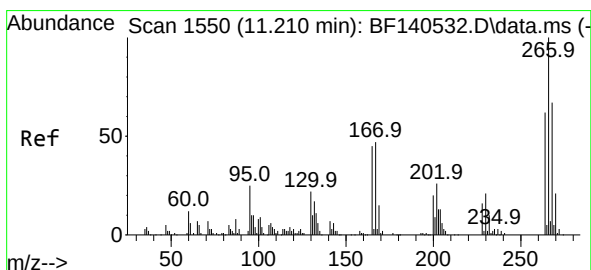
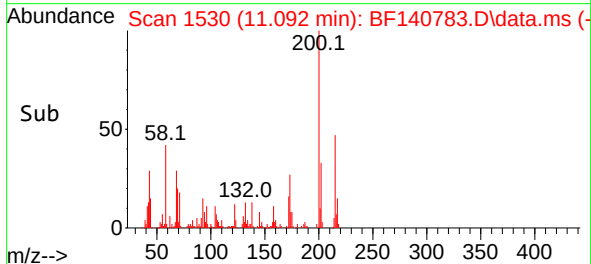
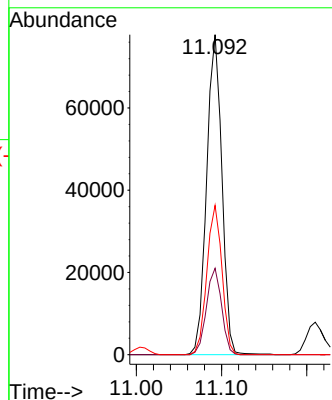
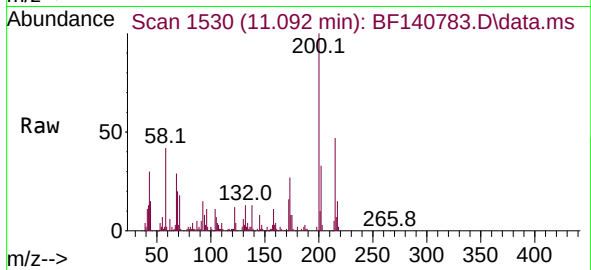
Tgt Ion:200 Resp: 96773
 Ion Ratio Lower Upper
 200 100
 173 27.0 7.0 47.0
 215 46.7 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#70

Pentachlorophenol

Concen: 38.484 ng

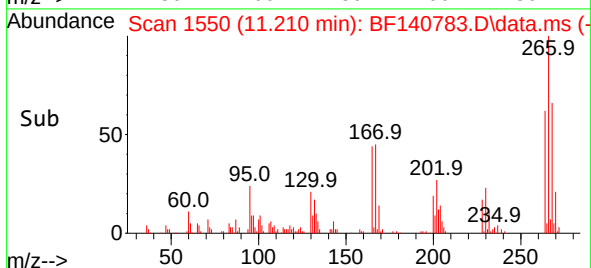
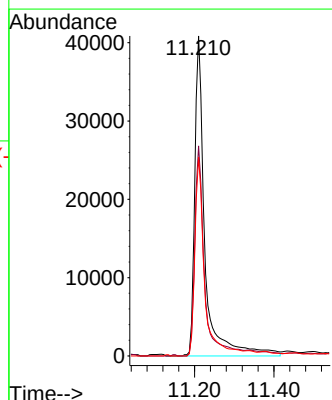
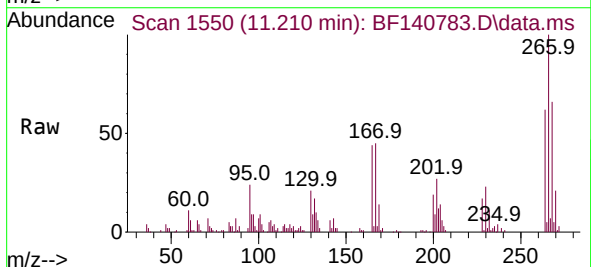
RT: 11.210 min Scan# 1550

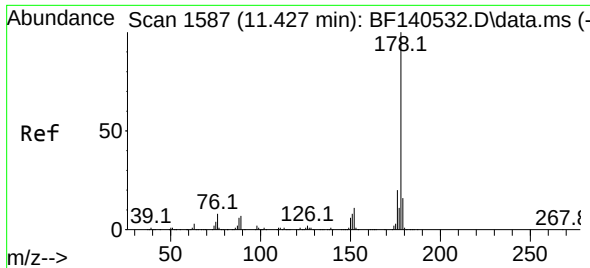
Delta R.T. -0.000 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Tgt Ion:266 Resp: 73419
 Ion Ratio Lower Upper
 266 100
 268 65.6 53.7 80.5
 264 62.0 49.8 74.8





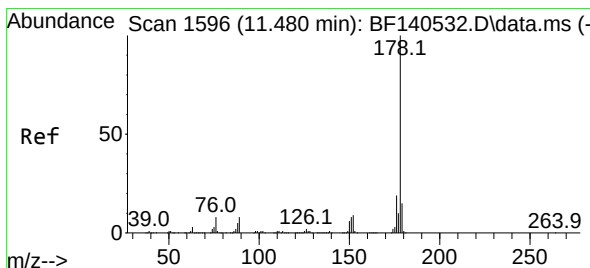
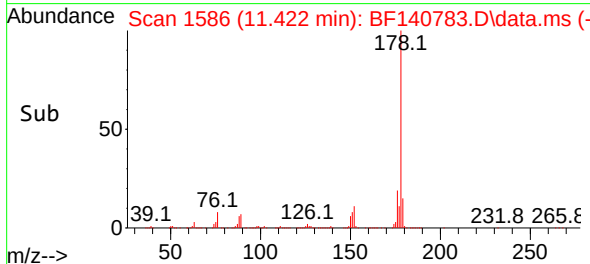
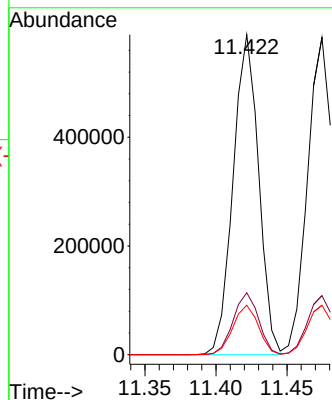
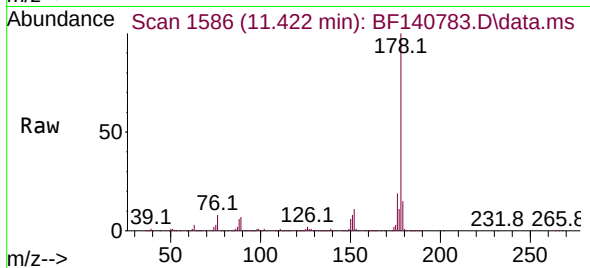
#71
Phenanthrene
Concen: 42.223 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 737777
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.5 12.4 18.6

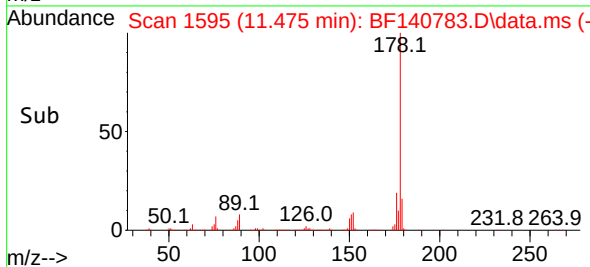
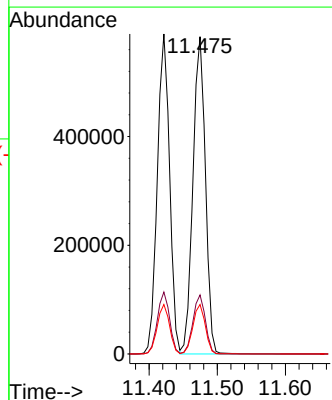
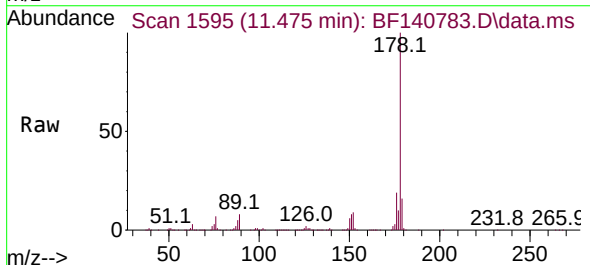
Manual Integrations
APPROVED

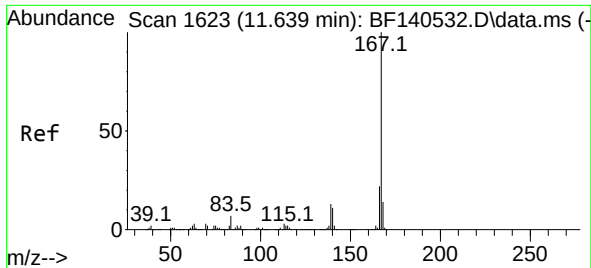
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#72
Anthracene
Concen: 43.197 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

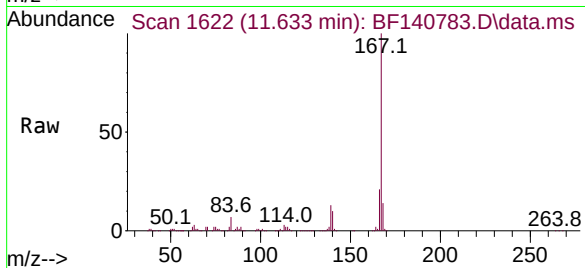
Tgt Ion:178 Resp: 738326
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.6 12.2 18.4





#73
 Carbazole
 Concen: 44.564 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21

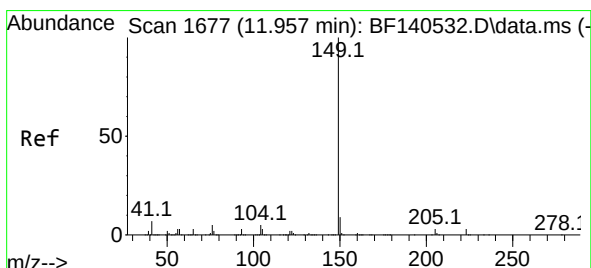
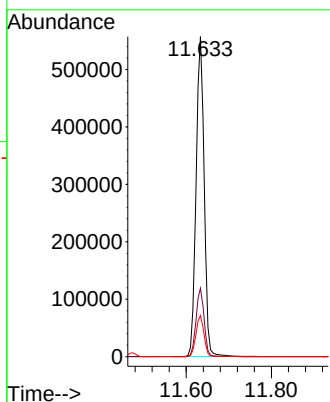
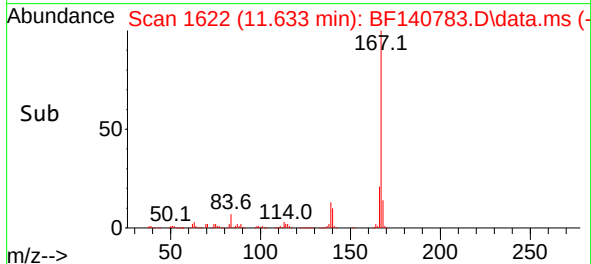
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



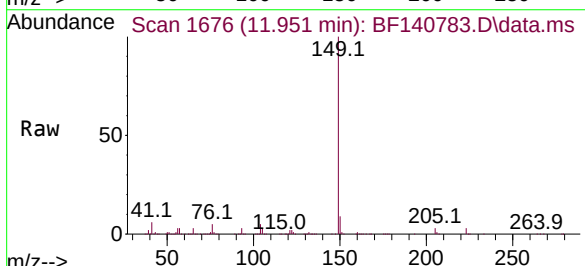
Tgt Ion:167 Resp: 73275
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.9 10.6 15.8

Manual Integrations
 APPROVED

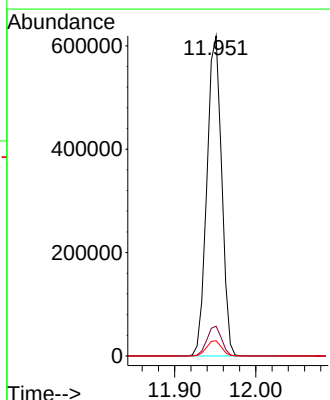
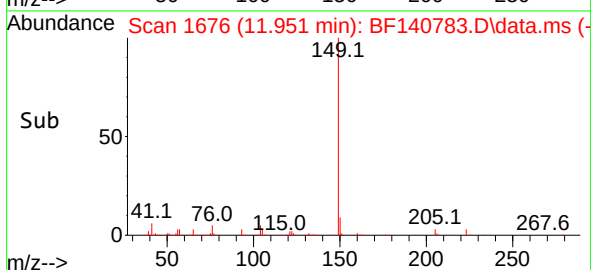
Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024

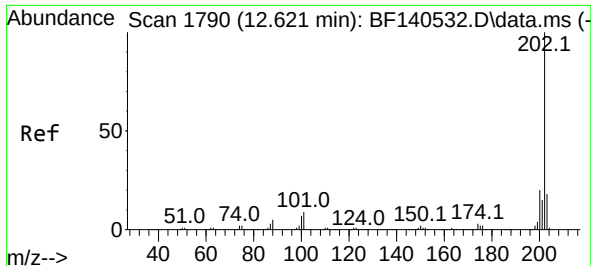


#74
 Di-n-butylphthalate
 Concen: 40.930 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21



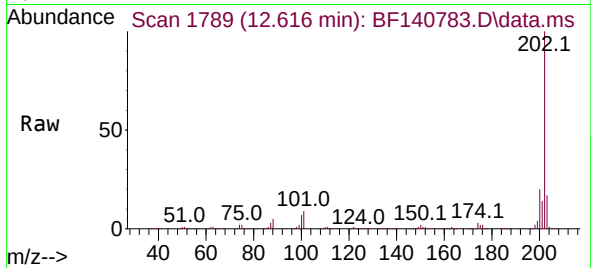
Tgt Ion:149 Resp: 776970
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.8 4.1 6.1





#75
Fluoranthene
Concen: 44.447 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

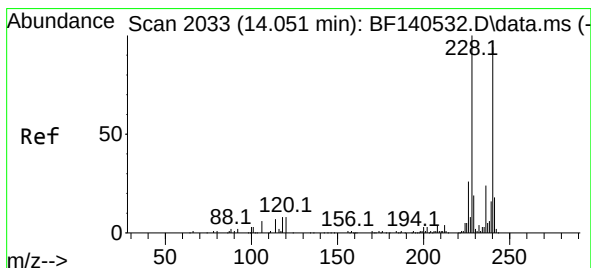
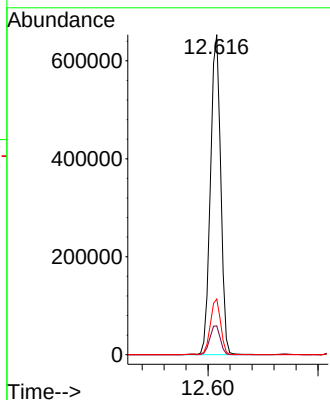
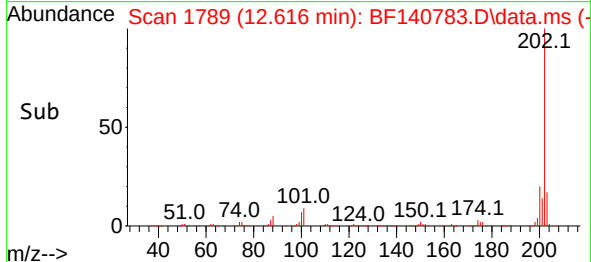
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 84321
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 17.4 0.0 37.6

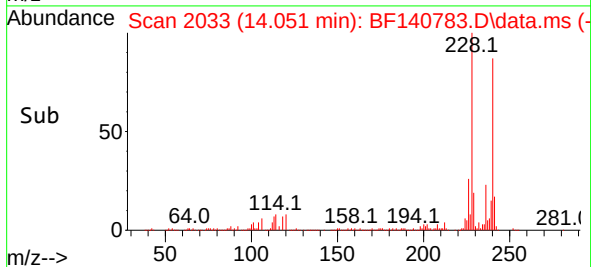
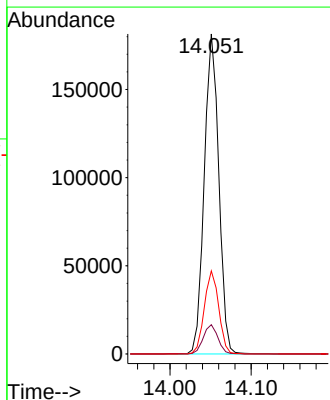
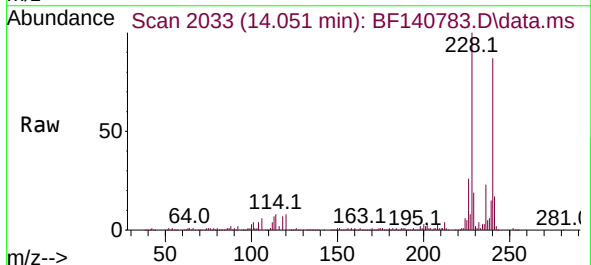
Manual Integrations
APPROVED

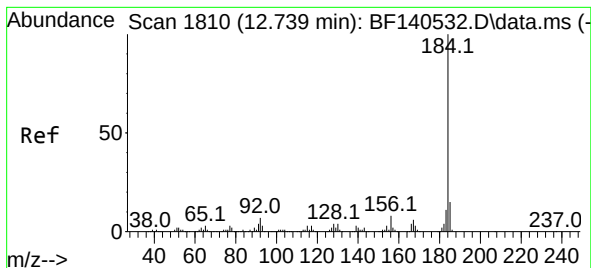
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:240 Resp: 224946
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 26.0 20.6 31.0





#77

Benzidine

Concen: 52.569 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140783.D

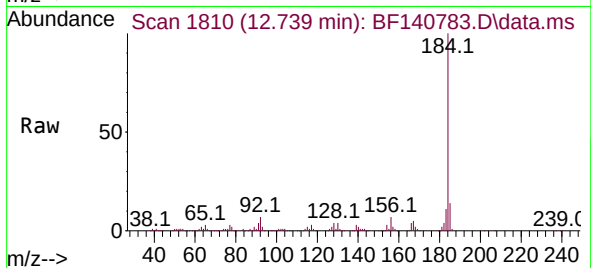
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:184 Resp: 34381

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

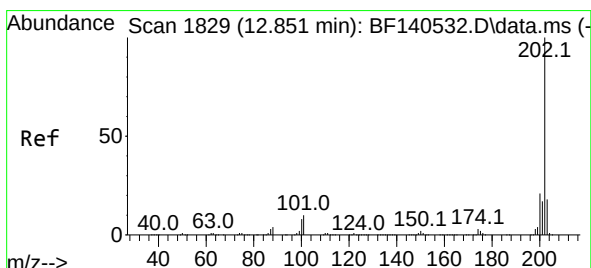
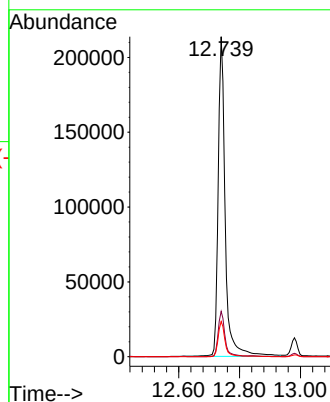
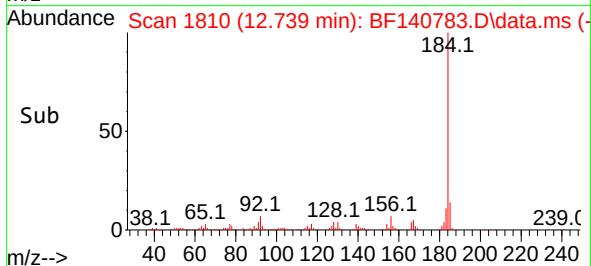
183 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#78

Pyrene

Concen: 41.568 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

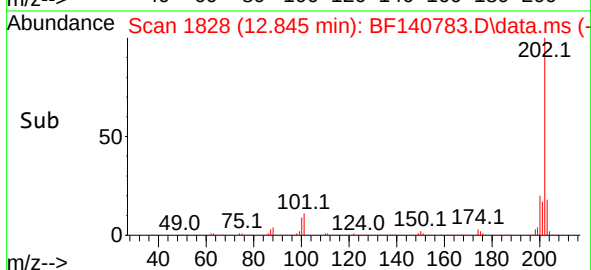
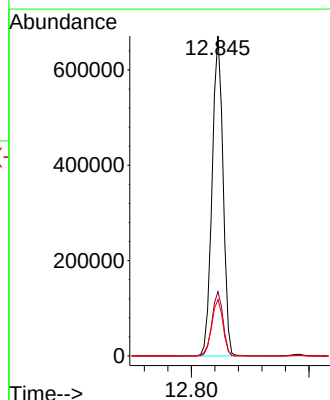
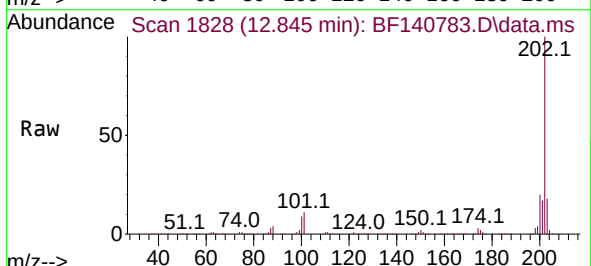
Tgt Ion:202 Resp: 864572

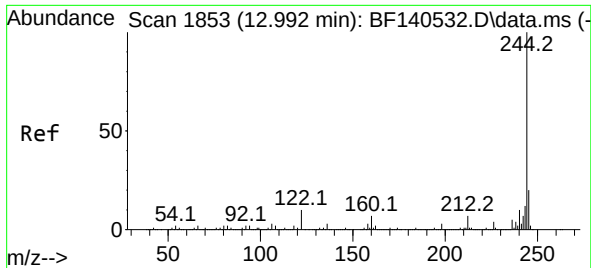
Ion Ratio Lower Upper

202 100

200 20.1 16.5 24.7

203 17.6 14.2 21.4





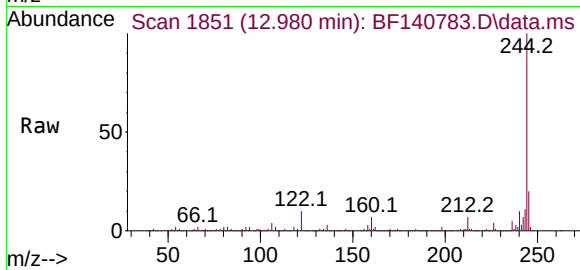
#79
 Terphenyl-d14
 Concen: 80.355 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



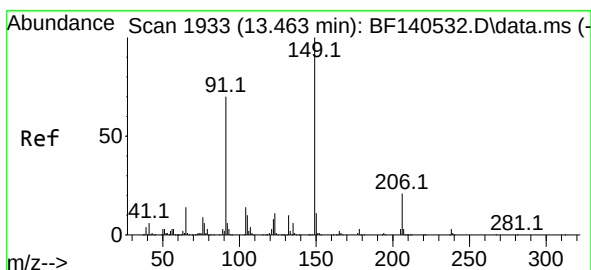
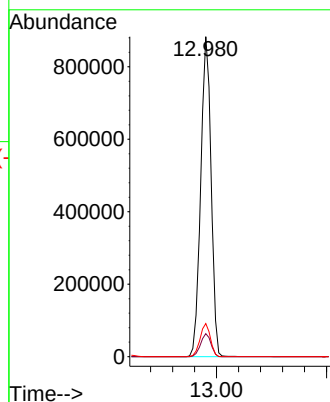
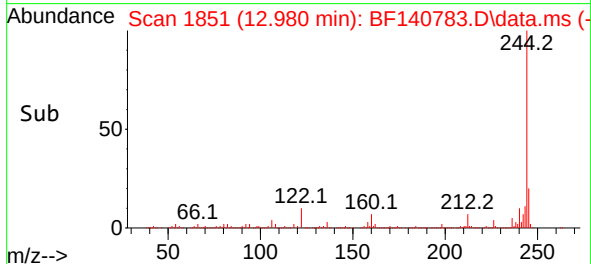
Tgt Ion:244 Resp: 1160825
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.4 8.0 12.0

Manual Integrations

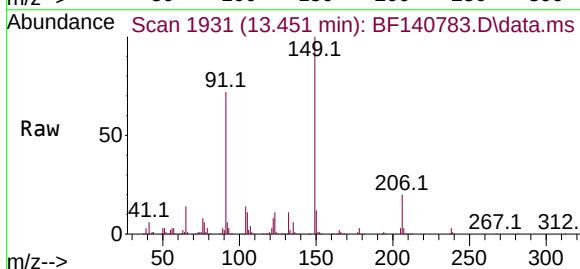
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

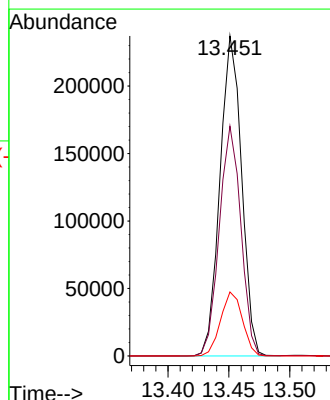
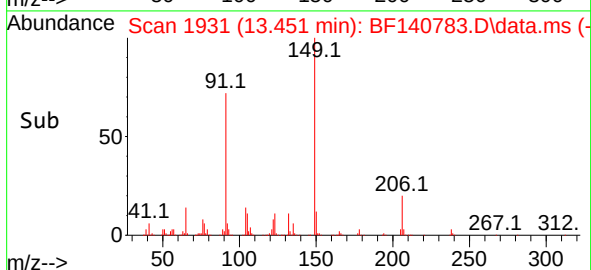
Supervised By :mohammad ahmed 12/12/2024

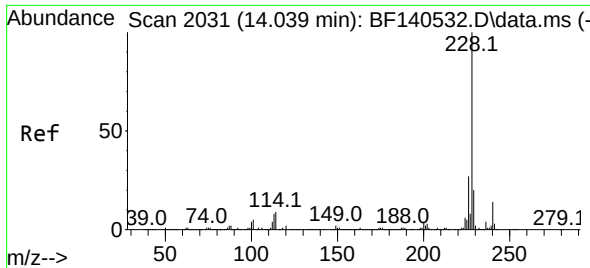


#80
 Butylbenzylphthalate
 Concen: 39.160 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF140783.D
 Acq: 09 Dec 2024 12:21



Tgt Ion:149 Resp: 293415
 Ion Ratio Lower Upper
 149 100
 91 71.8 56.2 84.2
 206 20.0 16.4 24.6





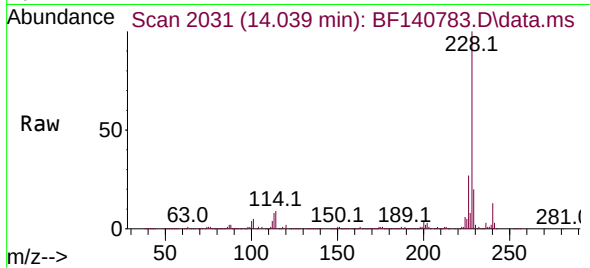
#81
Benzo(a)anthracene
Concen: 41.813 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



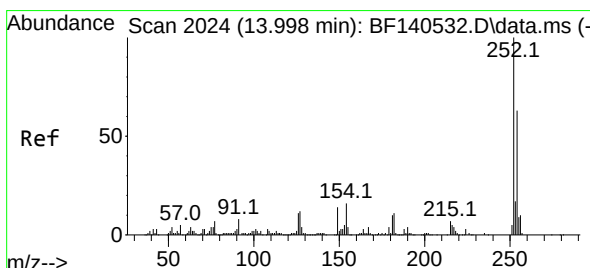
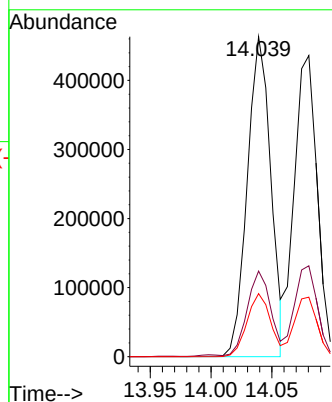
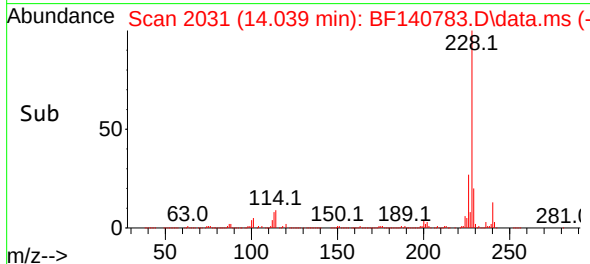
Tgt Ion:228 Resp: 622623
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations

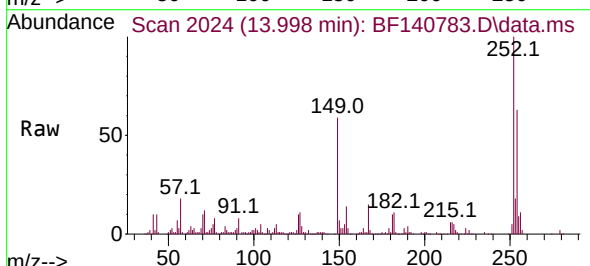
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

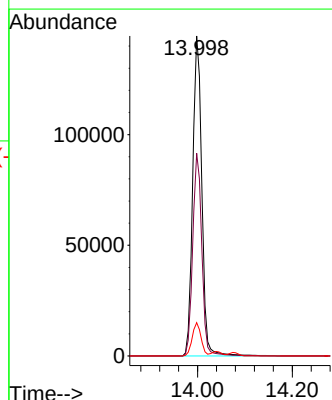
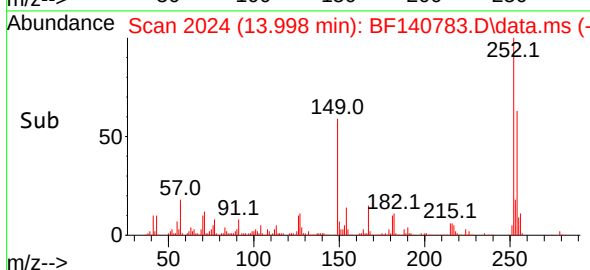
Supervised By :mohammad ahmed 12/12/2024

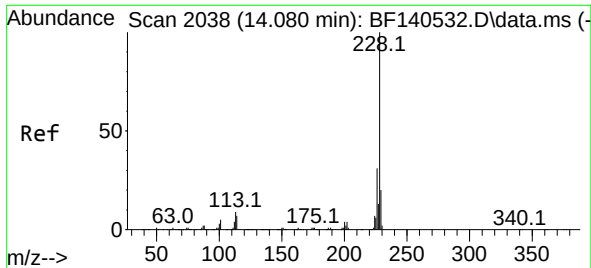


#82
3,3'-Dichlorobenzidine
Concen: 43.159 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion:252 Resp: 192950
Ion Ratio Lower Upper
252 100
254 63.4 50.8 76.2
126 10.4 8.6 13.0





#83
Chrysene
Concen: 42.100 ng
RT: 14.080 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

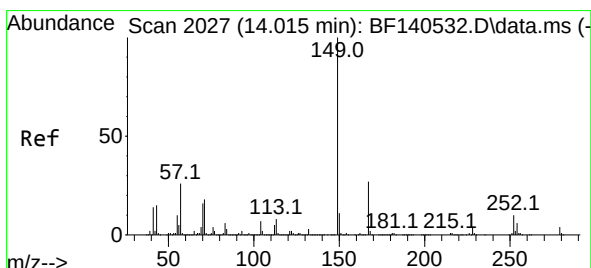
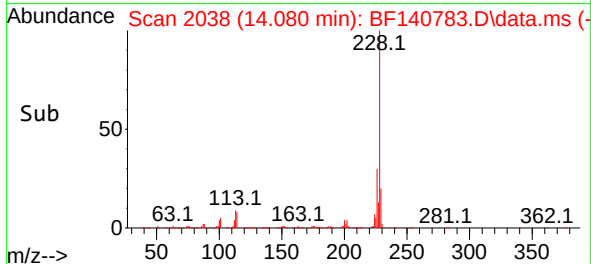
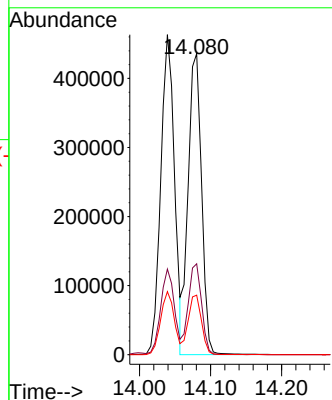
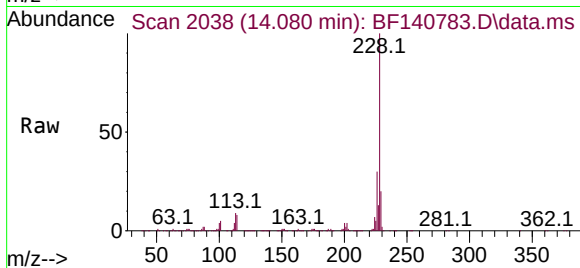
SSTDCCC040

Tgt Ion:228 Resp: 57322
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.7 15.8 23.6

Manual Integrations

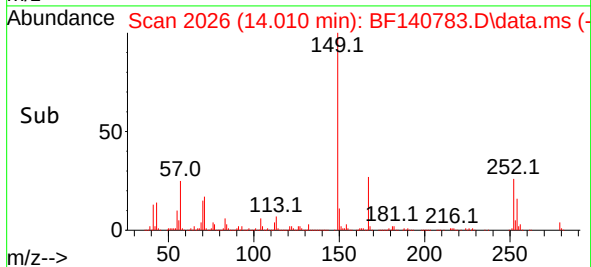
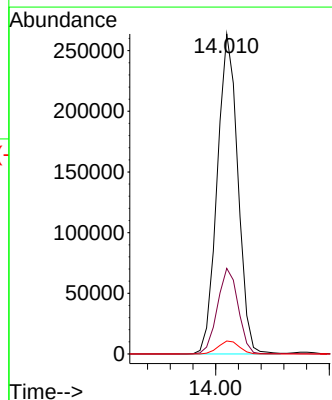
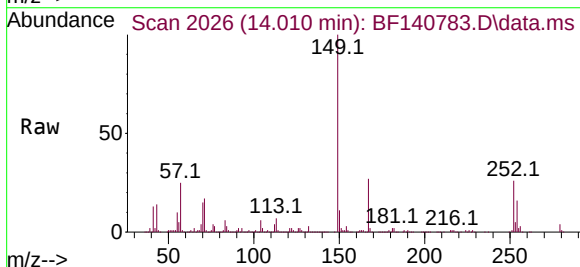
APPROVED

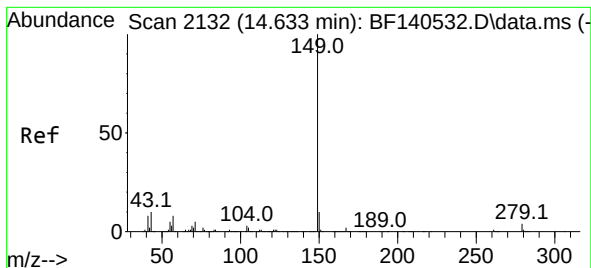
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 35.205 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Tgt Ion:149 Resp: 333077
Ion Ratio Lower Upper
149 100
167 26.7 21.2 31.8
279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 33.370 ng

RT: 14.639 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 431470

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

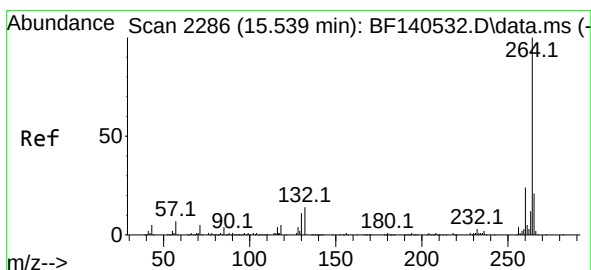
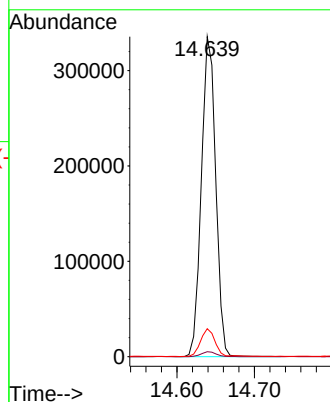
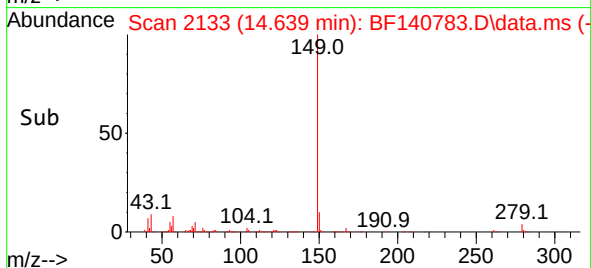
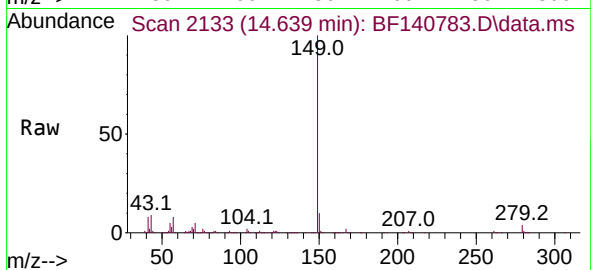
43 8.8 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2288

Delta R.T. 0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

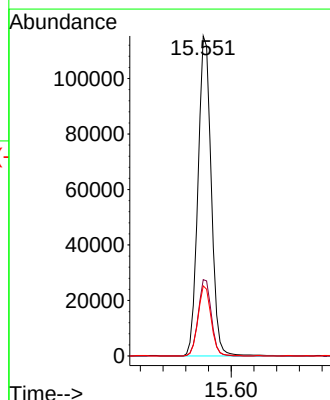
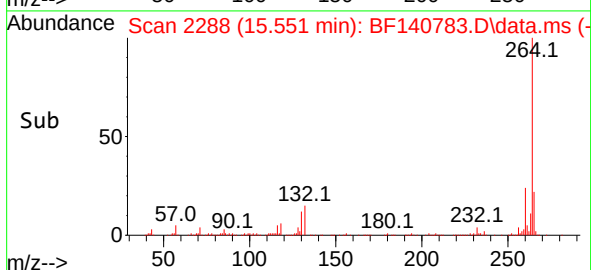
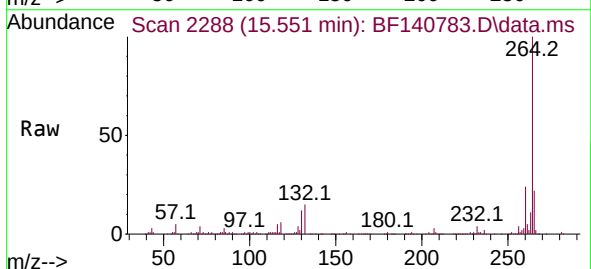
Tgt Ion:264 Resp: 187010

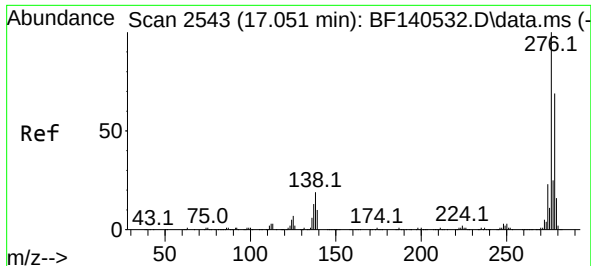
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.9 16.6 25.0





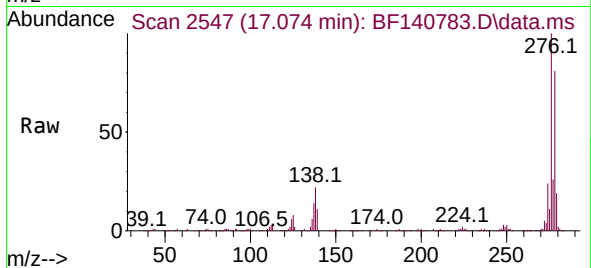
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.522 ng
RT: 17.074 min Scan# 2114
Delta R.T. 0.024 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



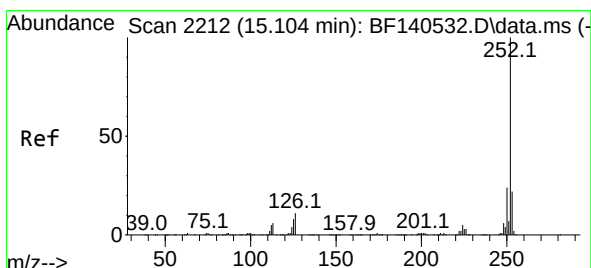
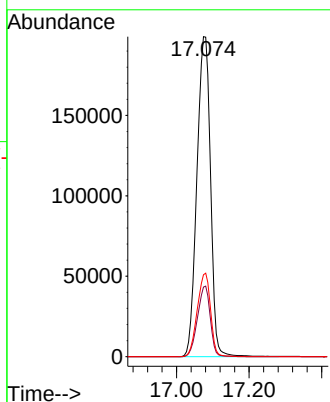
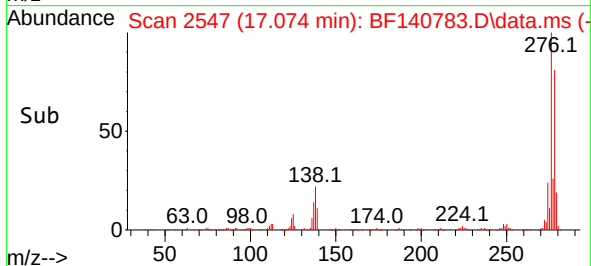
Tgt Ion:276 Resp: 518227
Ion Ratio Lower Upper
276 100
138 20.7 15.5 23.3
277 25.4 20.1 30.1

Manual Integrations

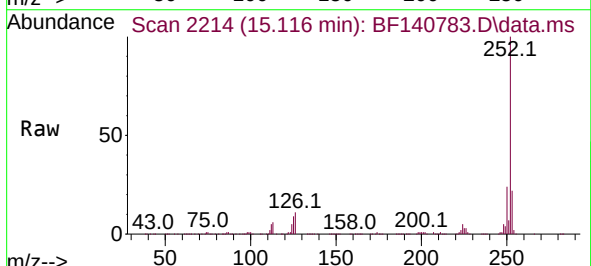
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

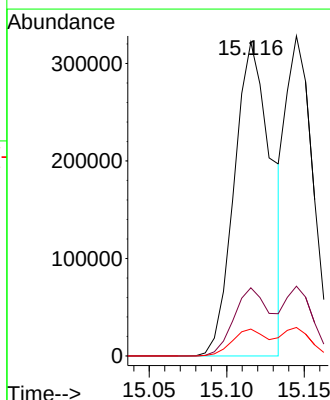
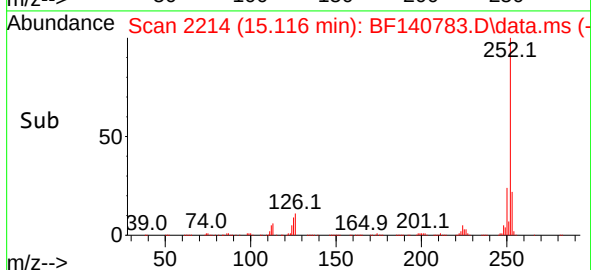
Supervised By :mohammad ahmed 12/12/2024

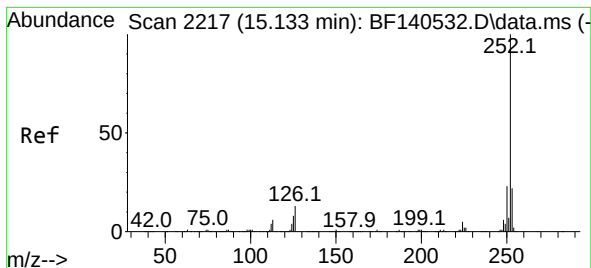


#88
Benzo(b)fluoranthene
Concen: 45.600 ng
RT: 15.116 min Scan# 2214
Delta R.T. 0.012 min
Lab File: BF140783.D
Acq: 09 Dec 2024 12:21



Tgt Ion:252 Resp: 535631
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 8.6 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 38.727 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 39808

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

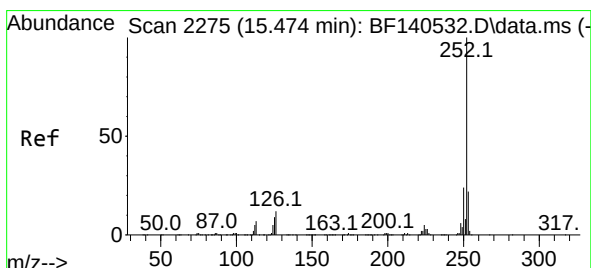
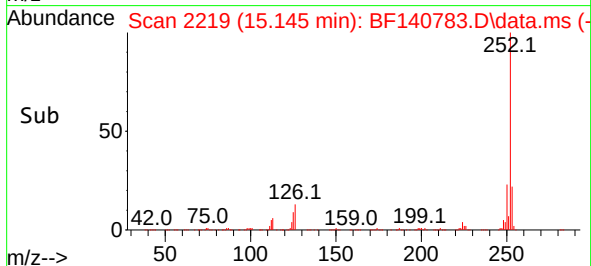
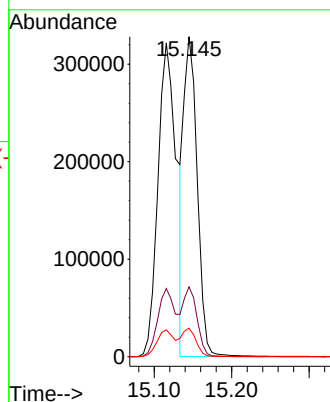
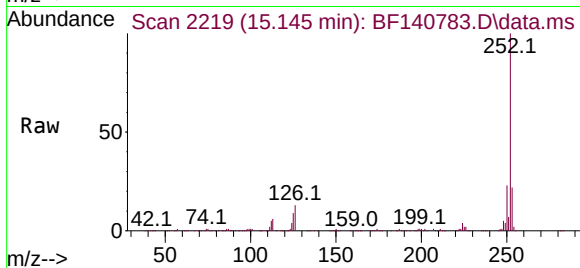
125 8.9 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#90

Benzo(a)pyrene

Concen: 42.469 ng

RT: 15.492 min Scan# 2278

Delta R.T. 0.018 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

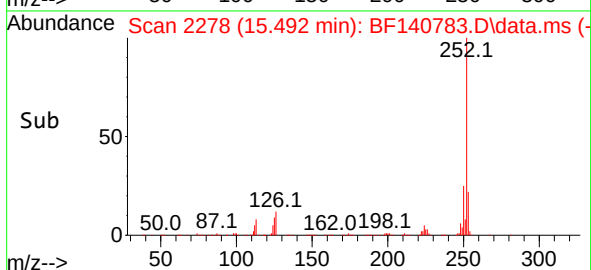
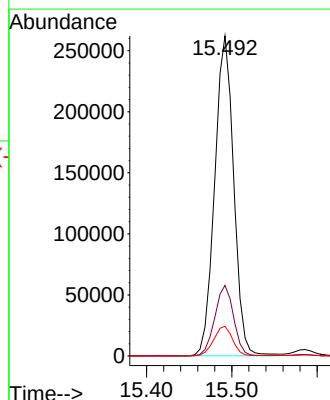
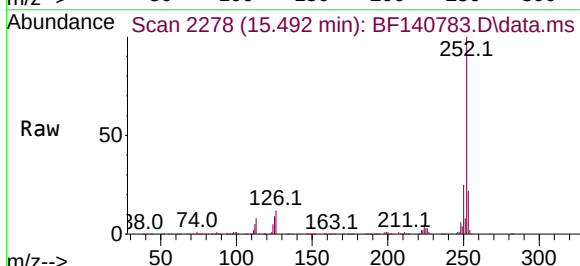
Tgt Ion:252 Resp: 405609

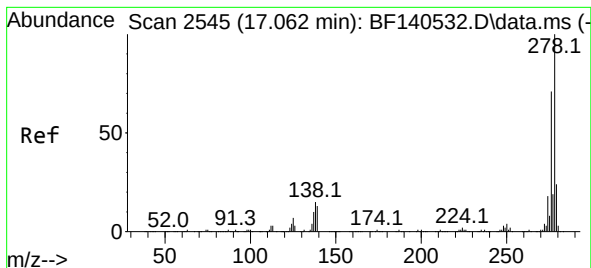
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 9.3 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 42.685 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 426039

Ion Ratio Lower Upper

278 100

139 12.6 10.2 15.4

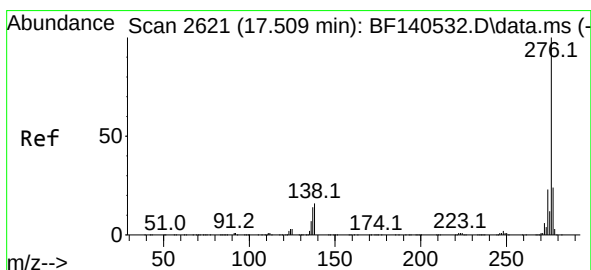
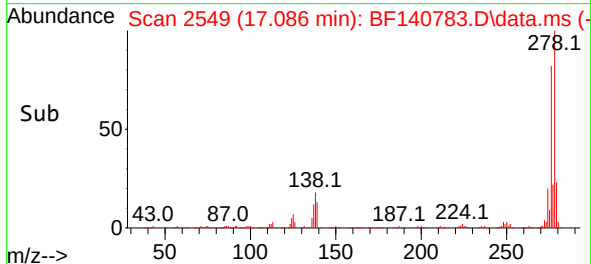
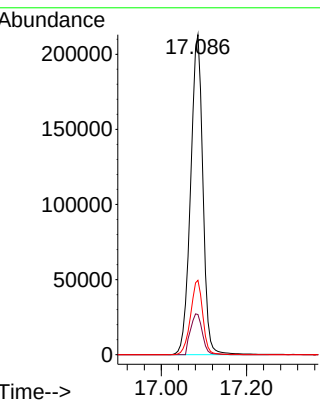
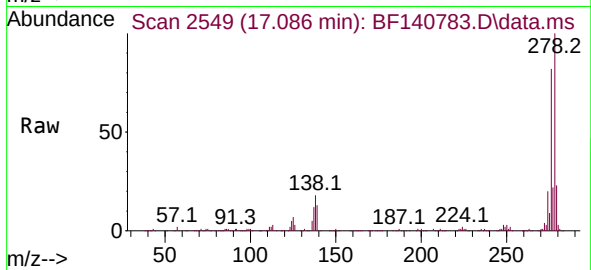
279 23.2 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#92

Benzo(g,h,i)perylene

Concen: 43.923 ng

RT: 17.533 min Scan# 2625

Delta R.T. 0.024 min

Lab File: BF140783.D

Acq: 09 Dec 2024 12:21

Tgt Ion:276 Resp: 447357

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 17.8 13.2 19.8

