

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140488.D
 Acq On : 20 Nov 2024 09:31
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 10:35:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	132364	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	490485	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	273054	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	510213	20.000	ng	0.00
76) Chrysene-d12	14.051	240	268548	20.000	ng	0.00
86) Perylene-d12	15.539	264	246006	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	626328	80.791	ng	0.01
7) Phenol-d6	6.516	99	835879	79.582	ng	0.01
23) Nitrobenzene-d5	7.439	82	768178	81.601	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	229869	84.657	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1400225	82.435	ng	0.00
79) Terphenyl-d14	12.986	244	1421238	91.863	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	138405	40.057	ng	98
3) Pyridine	3.404	79	335412	39.486	ng	100
4) n-Nitrosodimethylamine	3.357	42	165619	38.578	ng	99
6) Aniline	6.540	93	342599	37.496	ng	# 61
8) 2-Chlorophenol	6.663	128	335737	40.316	ng	99
9) Benzaldehyde	6.428	77	379602	60.302	ng	98
10) Phenol	6.528	94	438741	39.610	ng	86
11) bis(2-Chloroethyl)ether	6.610	93	338041	40.278	ng	99
12) 1,3-Dichlorobenzene	6.816	146	373631	40.664	ng	99
13) 1,4-Dichlorobenzene	6.892	146	378996	40.679	ng	99
14) 1,2-Dichlorobenzene	7.045	146	351114	40.596	ng	99
15) Benzyl Alcohol	7.016	79	302807	40.015	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	432663	37.322	ng	66
17) 2-Methylphenol	7.134	107	273264	39.889	ng	96
18) Hexachloroethane	7.386	117	141716	41.146	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	242440	38.218	ng	99
20) 3+4-Methylphenols	7.287	107	341542	39.866	ng	# 90
22) Acetophenone	7.281	105	459893	40.314	ng	99
24) Nitrobenzene	7.457	77	400779	40.890	ng	99
25) Isophorone	7.692	82	667210	39.991	ng	100
26) 2-Nitrophenol	7.775	139	185216	42.584	ng	99
27) 2,4-Dimethylphenol	7.810	122	229224m	41.165	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	414691	40.536	ng	100
29) 2,4-Dichlorophenol	8.022	162	288595	41.936	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	318306	41.545	ng	100
31) Naphthalene	8.181	128	1020666	41.021	ng	100
32) Benzoic acid	7.939	122	209323	42.721	ng	99
33) 4-Chloroaniline	8.228	127	335737	38.800	ng	99
34) Hexachlorobutadiene	8.292	225	204877	41.969	ng	99
35) Caprolactam	8.598	113	93813	41.015	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	316051	41.442	ng	98
37) 2-Methylnaphthalene	8.869	142	650164	40.752	ng	99
38) 1-Methylnaphthalene	8.969	142	636817	40.761	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	317385	42.033	ng	99
41) Hexachlorocyclopentadiene	9.016	237	69250	35.720	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	206019	41.575	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140488.D
 Acq On : 20 Nov 2024 09:31
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 10:35:19 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M

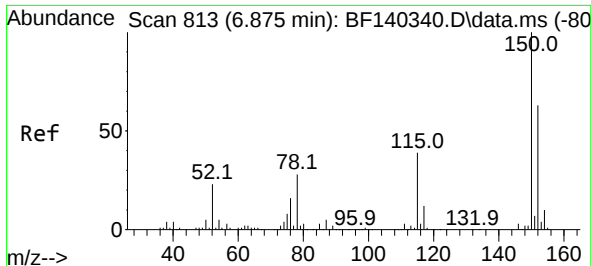
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 13 14:40:06 2024

Response via : Initial Calibration

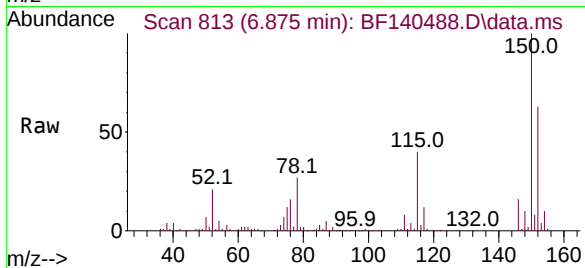
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	228093	42.101	ng	97
46) 1,1'-Biphenyl	9.333	154	819790	41.269	ng	99
47) 2-Chloronaphthalene	9.357	162	624878	41.295	ng	99
48) 2-Nitroaniline	9.457	65	204862	40.822	ng	99
49) Acenaphthylene	9.775	152	939848	41.051	ng	99
50) Dimethylphthalate	9.633	163	733122	41.191	ng	100
51) 2,6-Dinitrotoluene	9.698	165	171295	42.217	ng	99
52) Acenaphthene	9.945	154	642037m	41.519	ng	
53) 3-Nitroaniline	9.869	138	173780	40.783	ng	99
54) 2,4-Dinitrophenol	9.980	184	84341	40.309	ng	97
55) Dibenzofuran	10.122	168	894341	40.855	ng	100
56) 4-Nitrophenol	10.039	139	118069	37.987	ng	98
57) 2,4-Dinitrotoluene	10.104	165	224038	41.954	ng	100
58) Fluorene	10.463	166	715498	41.374	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	175256	40.969	ng	98
60) Diethylphthalate	10.328	149	741052	40.719	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	354853	41.564	ng	99
62) 4-Nitroaniline	10.486	138	173157	39.743	ng	99
63) Azobenzene	10.610	77	722195	40.162	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	123832	45.111	ng	96
66) n-Nitrosodiphenylamine	10.575	169	611778	41.500	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	211410	41.452	ng	98
68) Hexachlorobenzene	11.010	284	241874	42.150	ng	100
69) Atrazine	11.098	200	163963	36.762	ng	100
70) Pentachlorophenol	11.210	266	124117	40.153	ng	99
71) Phenanthrene	11.427	178	977064	40.766	ng	100
72) Anthracene	11.480	178	959400	40.843	ng	99
73) Carbazole	11.633	167	938052	40.444	ng	100
74) Di-n-butylphthalate	11.957	149	1130305	40.603	ng	100
75) Fluoranthene	12.616	202	1061273	39.468	ng	100
77) Benzidine	12.739	184	309358	30.014	ng	98
78) Pyrene	12.845	202	1070626	46.608	ng	100
80) Butylbenzylphthalate	13.457	149	393746	44.621	ng	98
81) Benzo(a)anthracene	14.039	228	734108	41.593	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	228373	40.709	ng	99
83) Chrysene	14.074	228	660037	40.986	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	480832	40.823	ng	99
85) Di-n-octyl phthalate	14.639	149	640686	38.622	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	702801	46.248	ng	99
88) Benzo(b)fluoranthene	15.104	252	583767	36.276	ng	99
89) Benzo(k)fluoranthene	15.133	252	557943	42.441	ng	100
90) Benzo(a)pyrene	15.474	252	515079	41.217	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	575521	45.817	ng	100
92) Benzo(g,h,i)perylene	17.509	276	594253	46.275	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

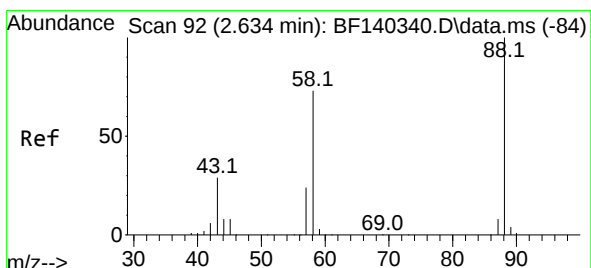
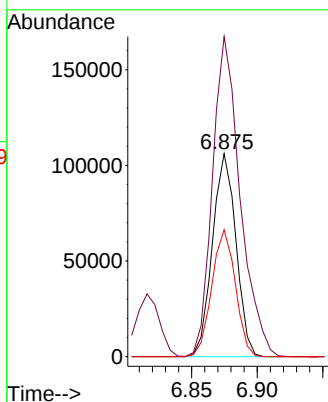
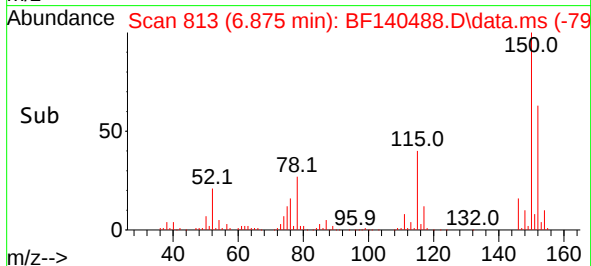
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 132364
Ion Ratio Lower Upper
152 100
150 157.6 127.4 191.0
115 62.5 47.4 71.2

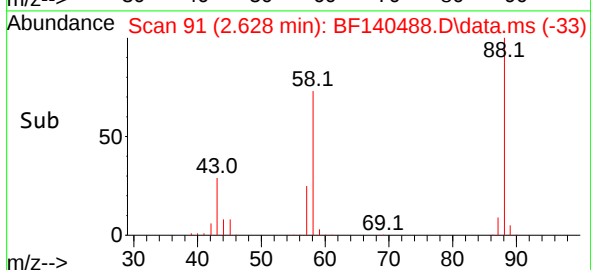
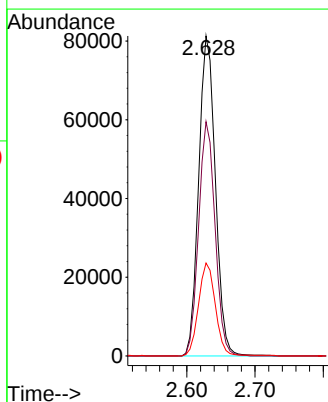
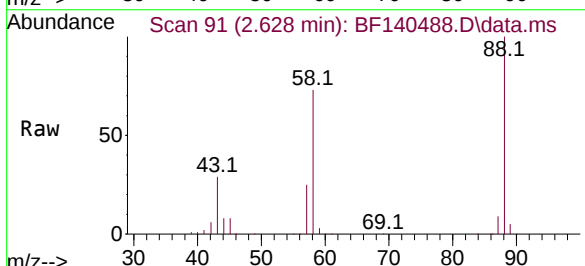
Manual Integrations
APPROVED

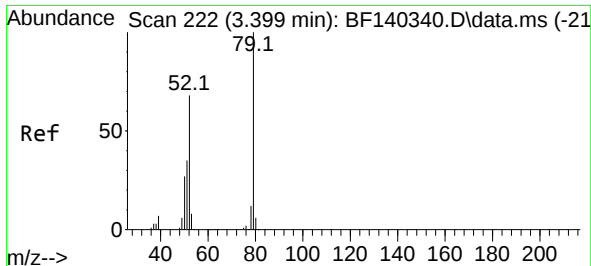
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#2
1,4-Dioxane
Concen: 40.057 ng
RT: 2.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion: 88 Resp: 138405
Ion Ratio Lower Upper
88 100
58 72.1 59.5 89.3
43 29.4 23.4 35.2





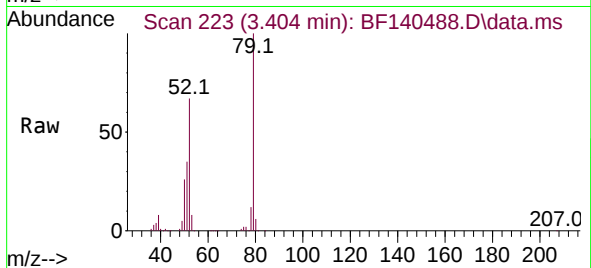
#3
Pyridine
Concen: 39.486 ng
RT: 3.404 min Scan# 215
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



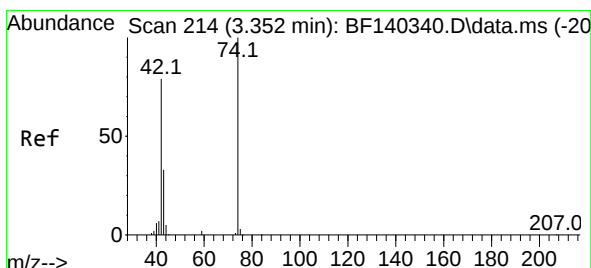
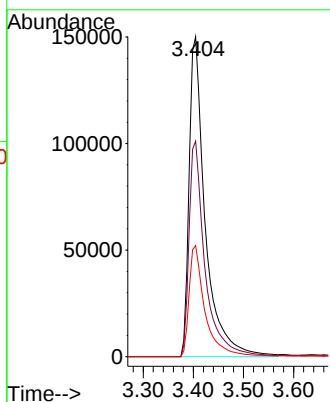
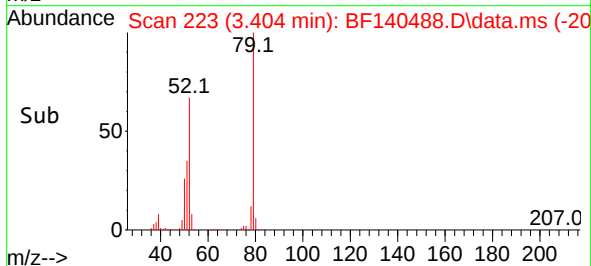
Tgt Ion: 79 Resp: 335412
Ion Ratio Lower Upper
79 100
52 67.3 53.8 80.6
51 34.7 27.3 40.9

Manual Integrations

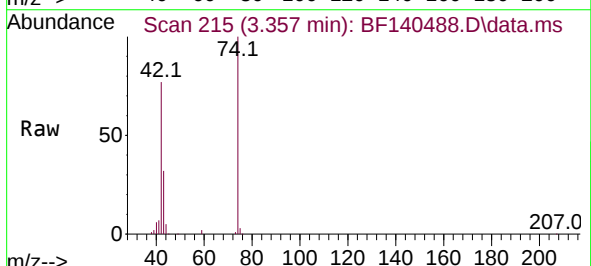
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

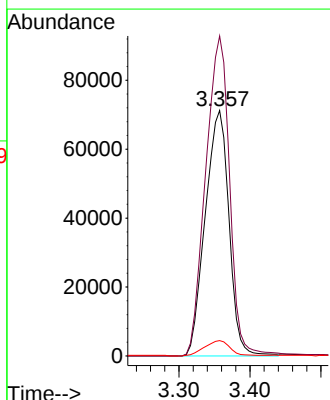
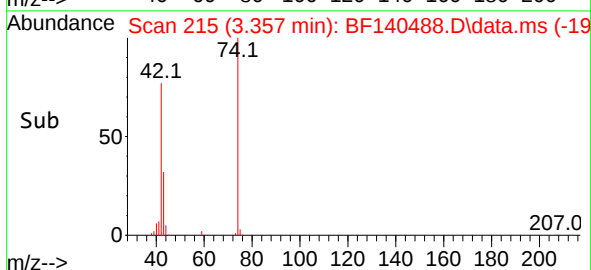
Supervised By :mohammad ahmed 11/22/2024

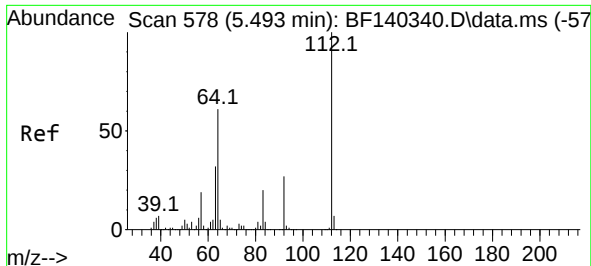


#4
n-Nitrosodimethylamine
Concen: 38.578 ng
RT: 3.357 min Scan# 215
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



Tgt Ion: 42 Resp: 165619
Ion Ratio Lower Upper
42 100
74 130.3 103.5 155.3
44 6.3 5.1 7.7





#5
2-Fluorophenol
Concen: 80.791 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

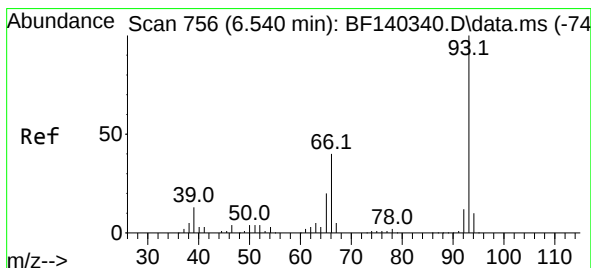
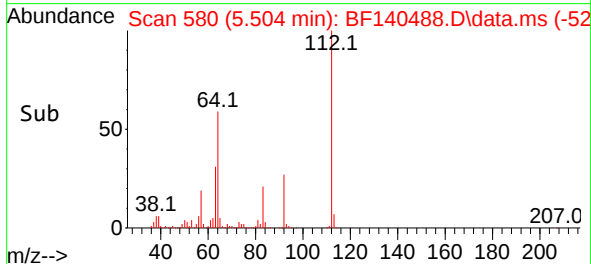
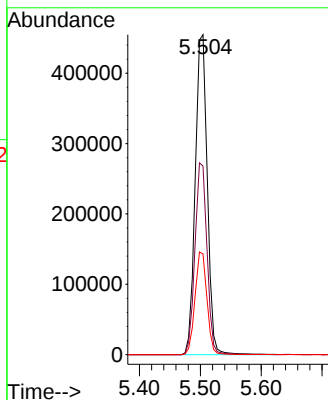
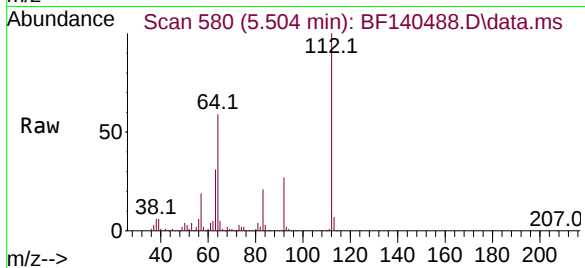
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 626328
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 31.5 25.6 38.4

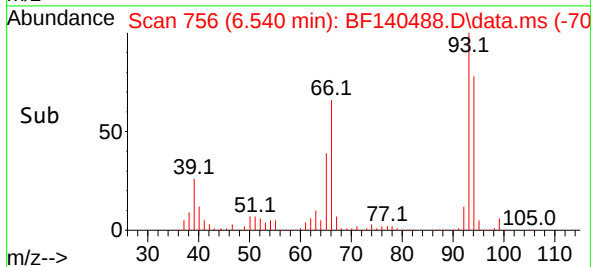
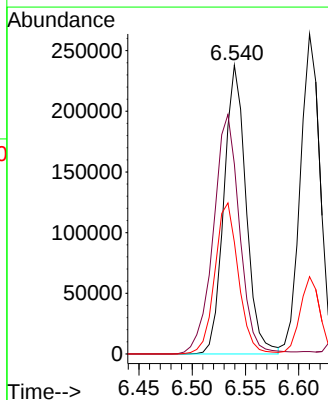
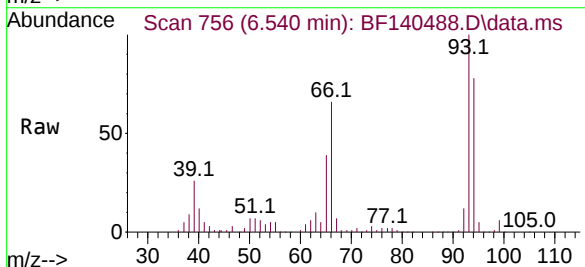
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#6
Aniline
Concen: 37.496 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion: 93 Resp: 342599
Ion Ratio Lower Upper
93 100
66 65.7 32.8 49.2#
65 38.8 16.6 25.0#





#7

Phenol-d6

Concen: 79.582 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF140488.D

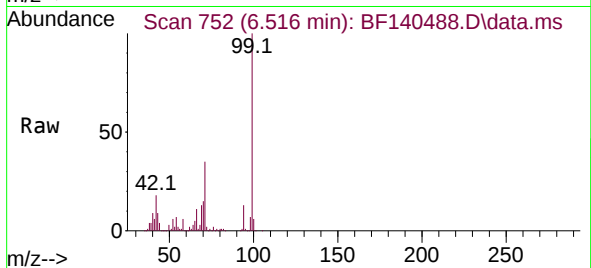
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 99 Resp: 835879

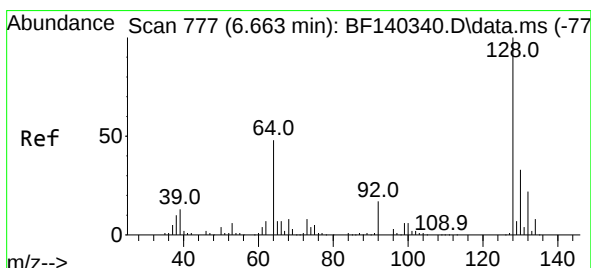
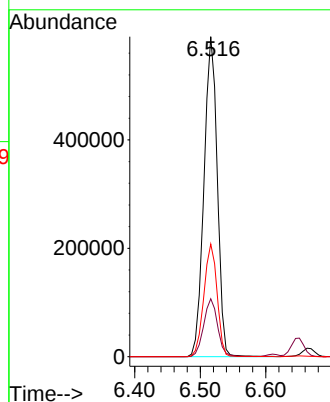
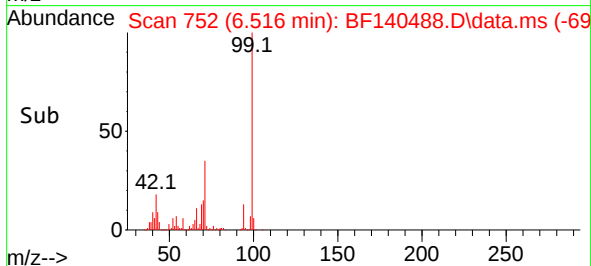
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.1	22.7
71	35.2	27.9	41.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#8

2-Chlorophenol

Concen: 40.316 ng

RT: 6.663 min Scan# 777

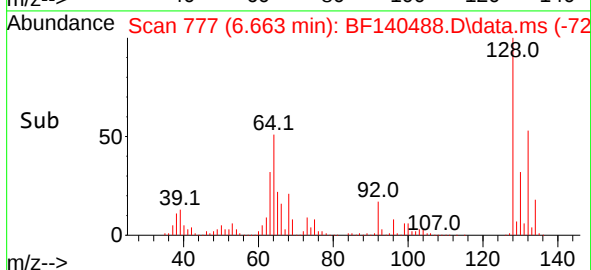
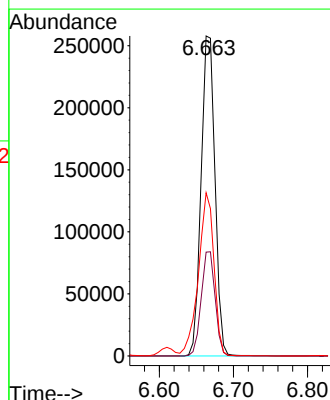
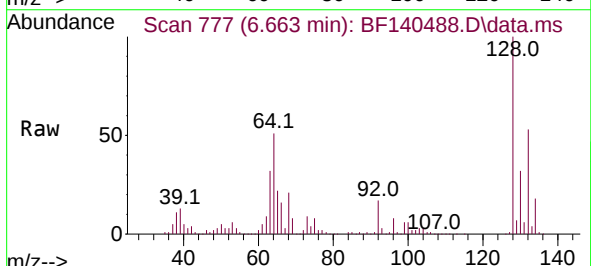
Delta R.T. -0.000 min

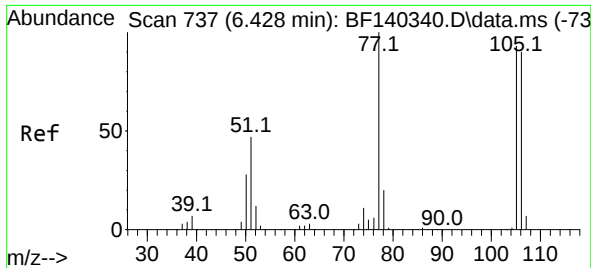
Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Tgt Ion:128 Resp: 335737

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.2	52.2
64	51.0	30.2	70.2





#9

Benzaldehyde

Concen: 60.302 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 379602

Ion Ratio Lower Upper

77 100

105 95.2 74.4 114.4

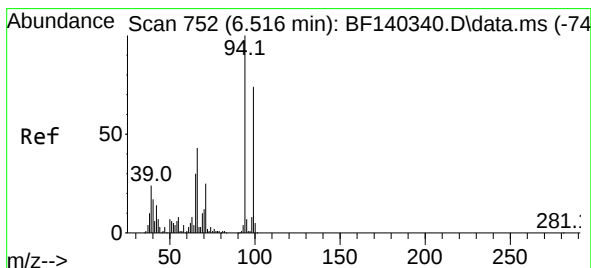
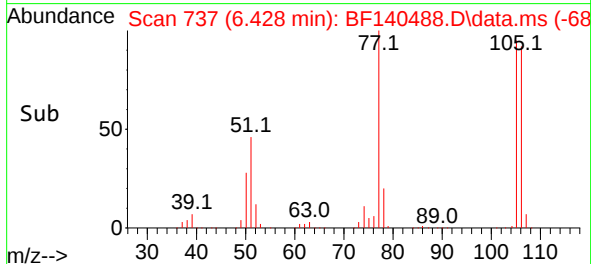
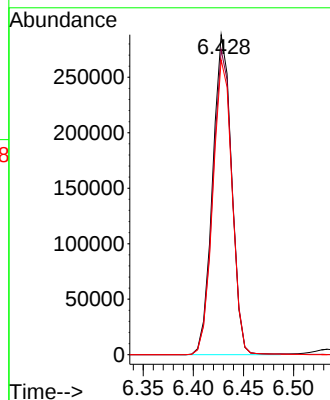
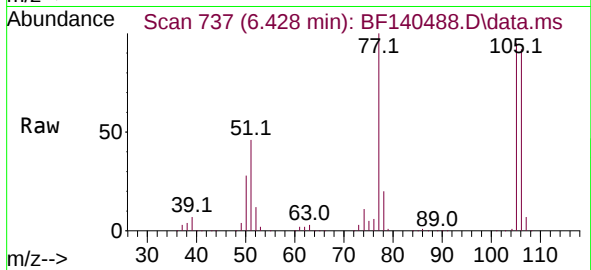
106 92.1 69.9 109.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#10

Phenol

Concen: 39.610 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

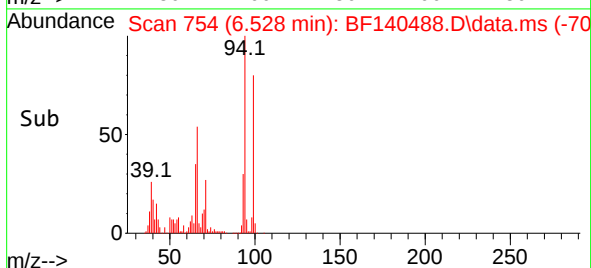
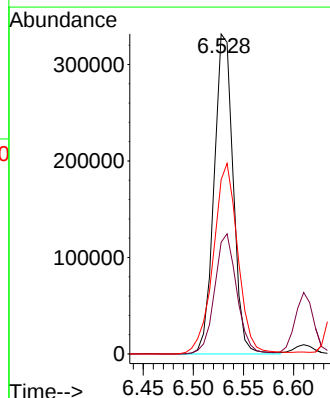
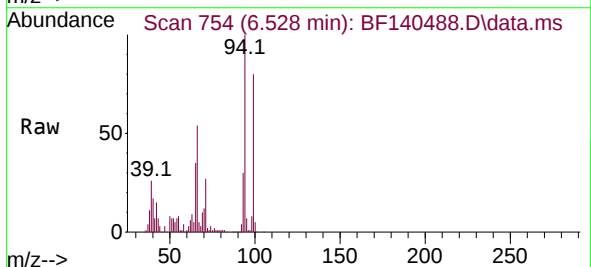
Tgt Ion: 94 Resp: 438741

Ion Ratio Lower Upper

94 100

65 34.9 10.4 50.4

66 54.5 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 40.278 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

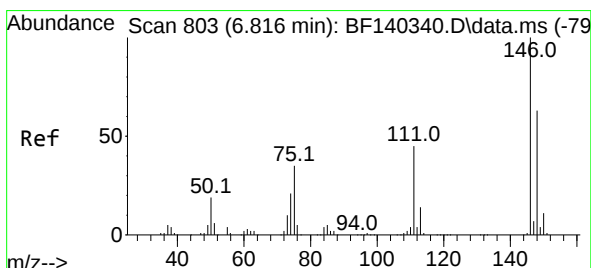
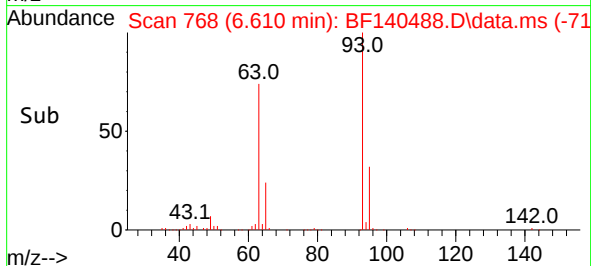
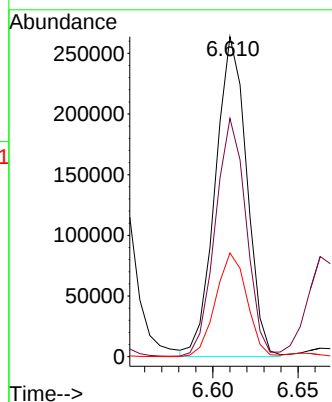
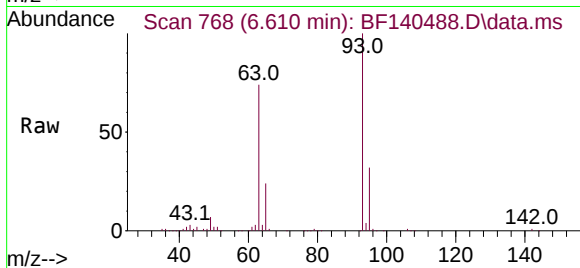
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 33804
Ion Ratio Lower Upper
93 100
63 74.5 54.0 94.0
95 32.4 12.9 52.9

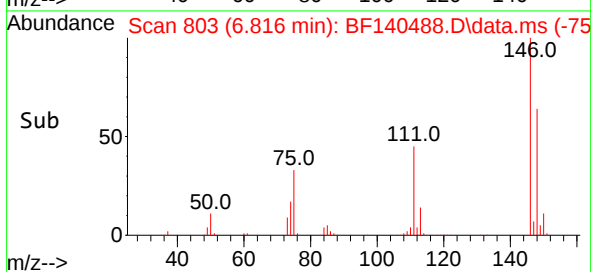
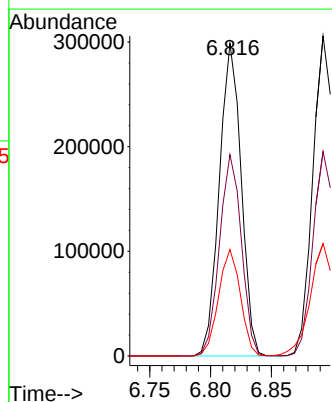
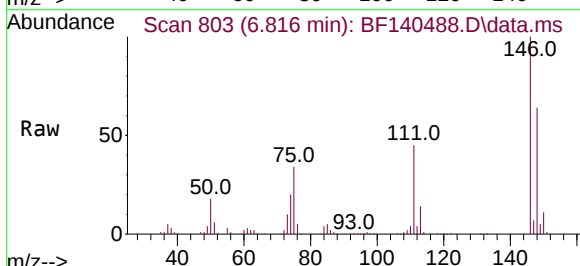
Manual Integrations
APPROVED

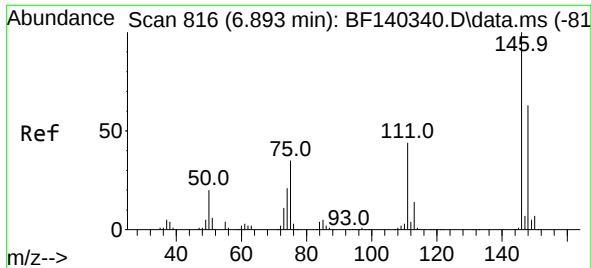
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#12
1,3-Dichlorobenzene
Concen: 40.664 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:146 Resp: 373631
Ion Ratio Lower Upper
146 100
148 64.4 50.7 76.1
75 34.0 26.4 39.6





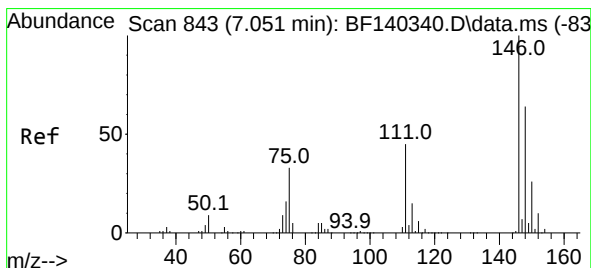
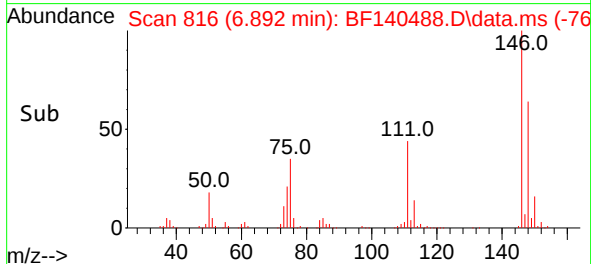
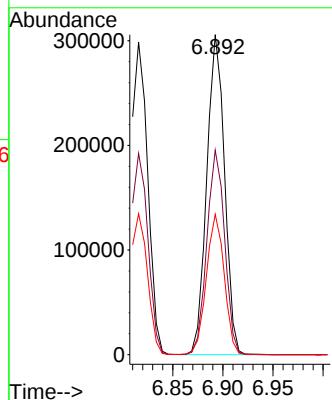
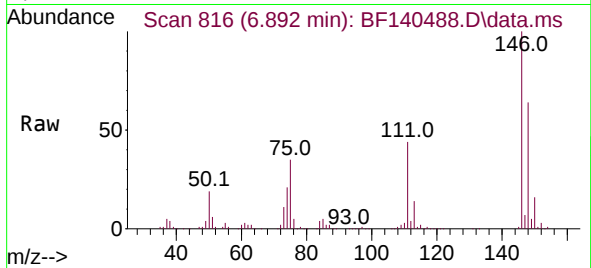
#13
1,4-Dichlorobenzene
Concen: 40.679 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 378990
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
111 43.8 34.2 51.2

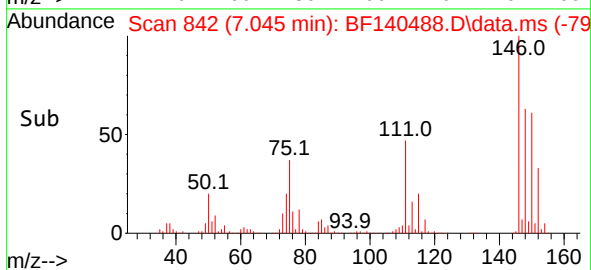
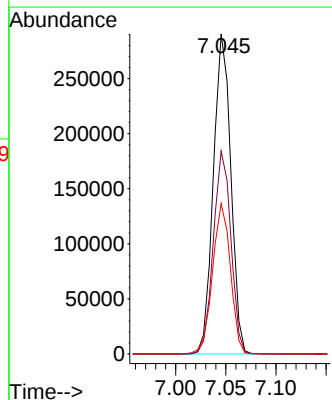
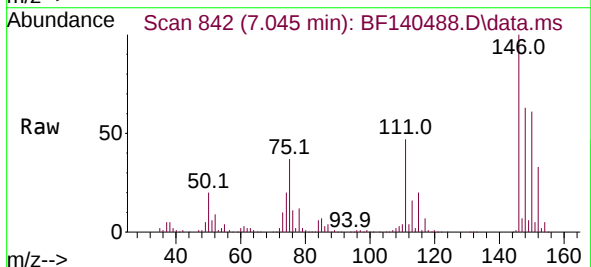
Manual Integrations
APPROVED

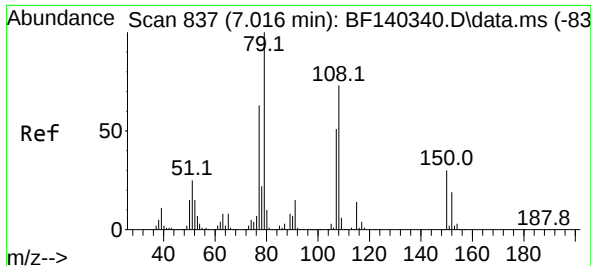
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#14
1,2-Dichlorobenzene
Concen: 40.596 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

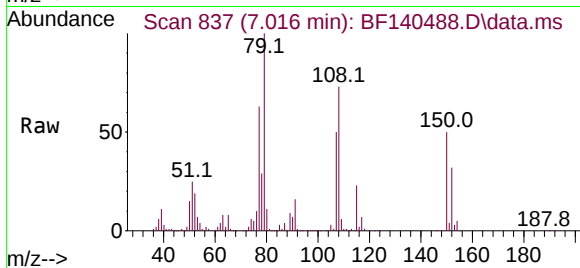
Tgt Ion:146 Resp: 351114
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
111 47.0 36.5 54.7





#15
Benzyl Alcohol
Concen: 40.015 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

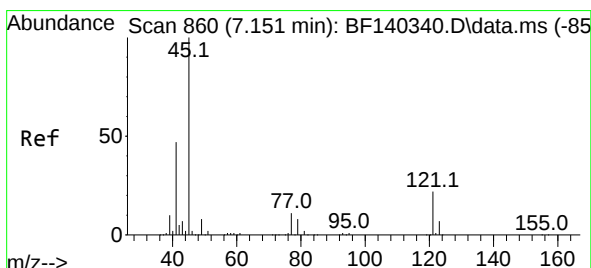
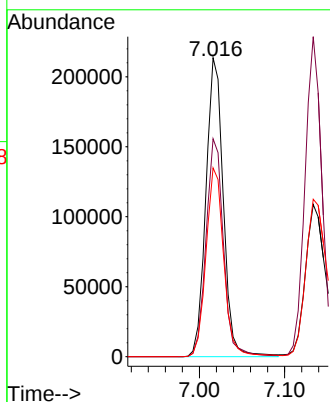
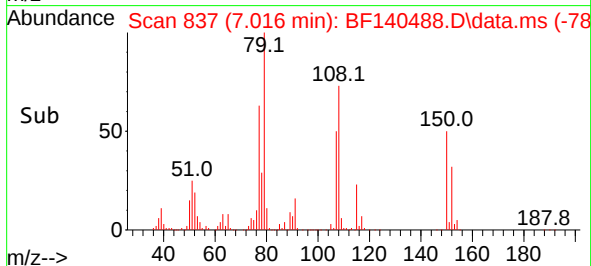
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 30280
Ion Ratio Lower Upper
79 100
108 72.9 57.8 86.6
77 63.2 49.8 74.6

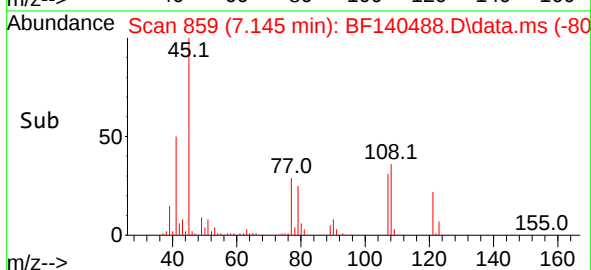
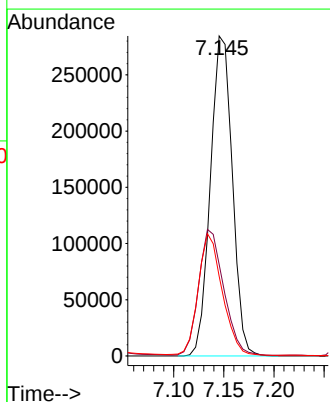
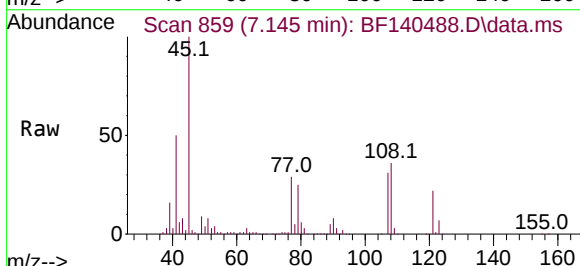
Manual Integrations
APPROVED

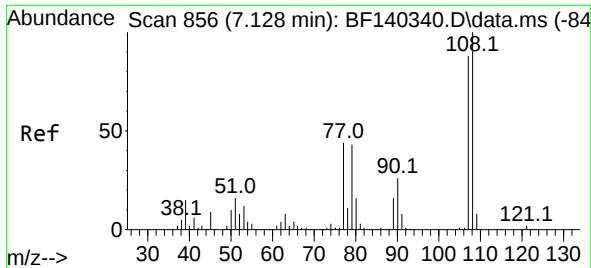
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.322 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion: 45 Resp: 432663
Ion Ratio Lower Upper
45 100
77 28.6 0.0 34.8
79 24.9 0.0 31.4





#17
2-Methylphenol
Concen: 39.889 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

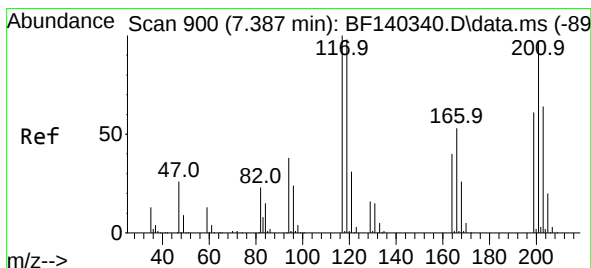
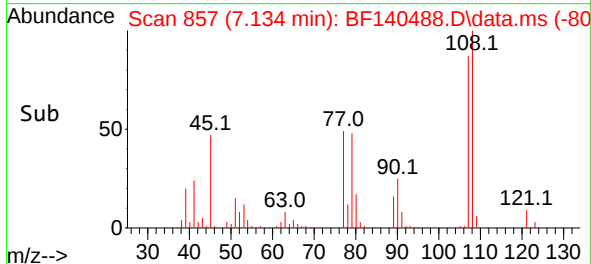
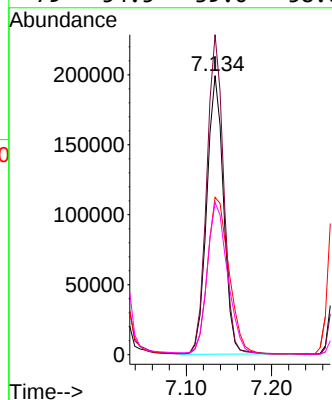
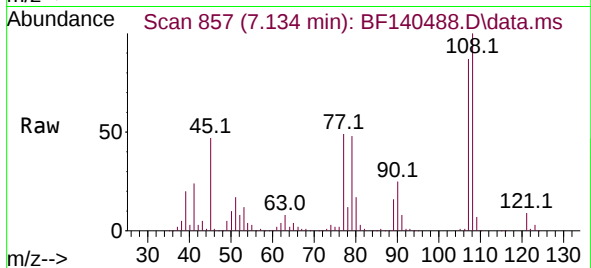
SSTDCCC040

Tgt Ion:107 Resp: 273264
Ion Ratio Lower Upper
107 100
108 114.7 91.9 137.9
77 56.4 39.7 59.5
79 54.5 39.0 58.6

Manual Integrations

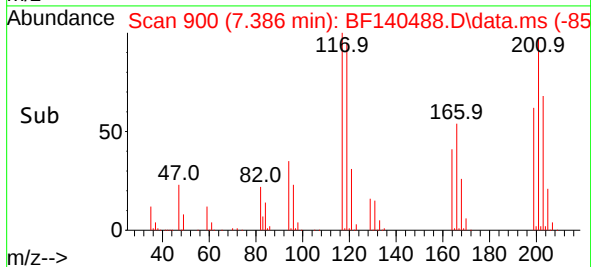
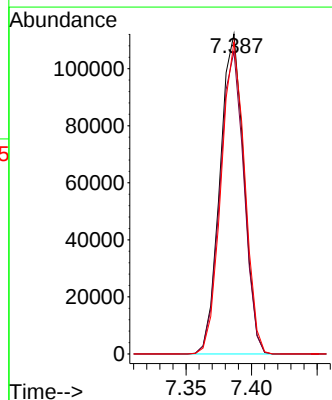
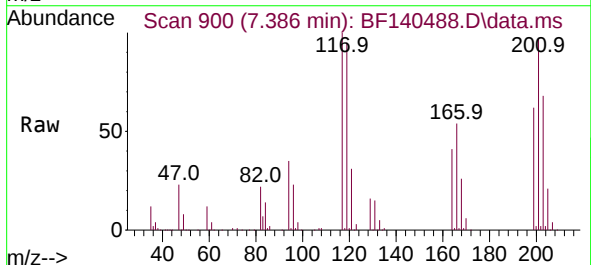
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#18
Hexachloroethane
Concen: 41.146 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:117 Resp: 141716
Ion Ratio Lower Upper
117 100
119 94.5 76.9 115.3
201 97.4 80.2 120.4





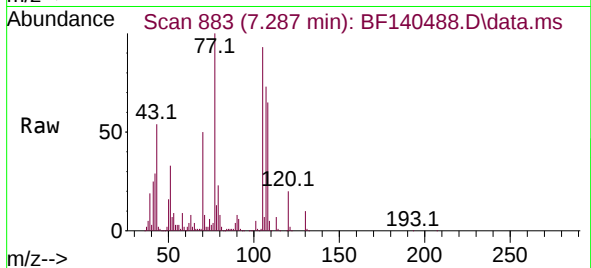
#19
n-Nitroso-di-n-propylamine
Concen: 38.218 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



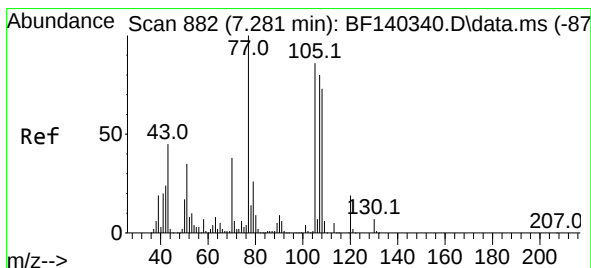
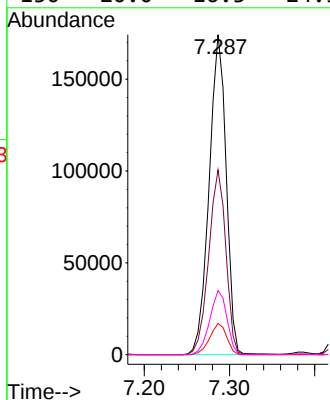
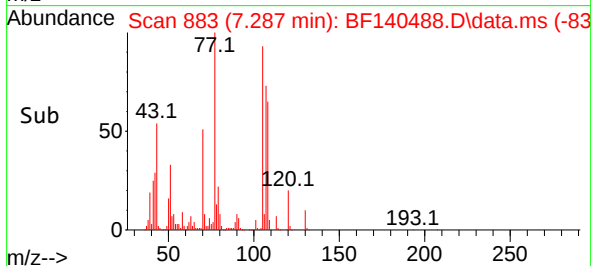
Tgt Ion: 70 Resp: 242440
Ion Ratio Lower Upper
70 100
42 57.8 46.8 70.2
101 9.7 7.5 11.3
130 20.0 16.3 24.5

Manual Integrations

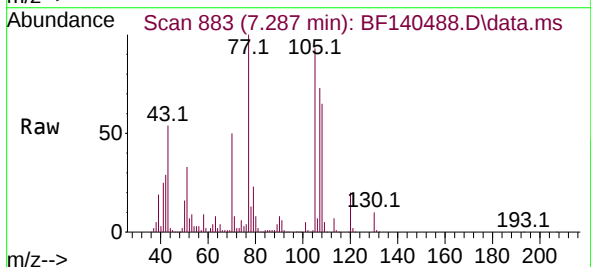
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

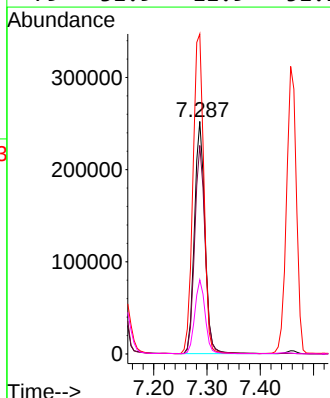
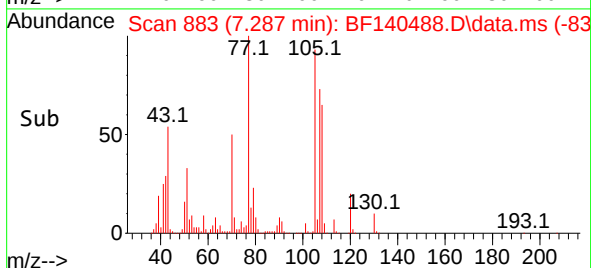
Supervised By :mohammad ahmed 11/22/2024

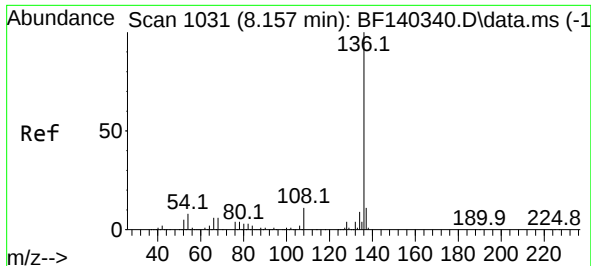


#20
3+4-Methylphenols
Concen: 39.866 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



Tgt Ion:107 Resp: 341542
Ion Ratio Lower Upper
107 100
108 89.7 71.4 111.4
77 137.7 97.0 137.0#
79 31.9 11.9 51.9





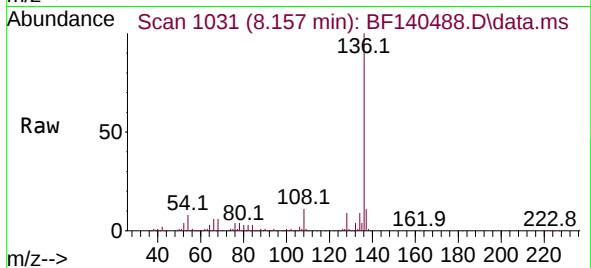
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



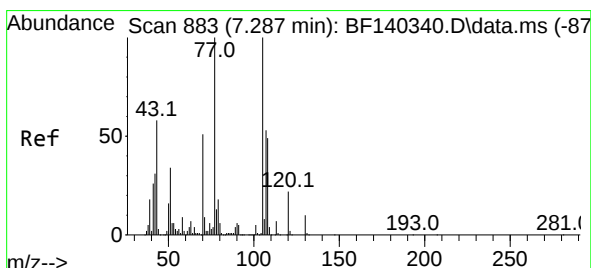
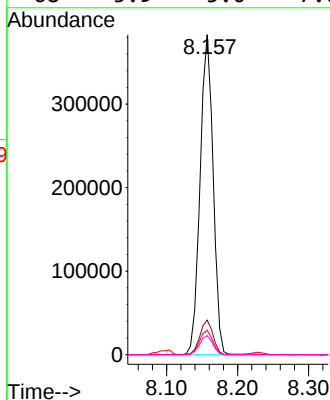
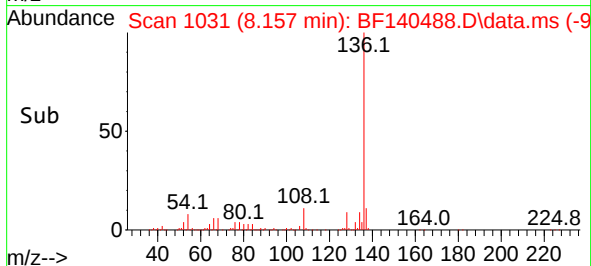
Tgt Ion:136 Resp: 490489
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.6 6.5 9.7
68 5.9 5.0 7.6

Manual Integrations

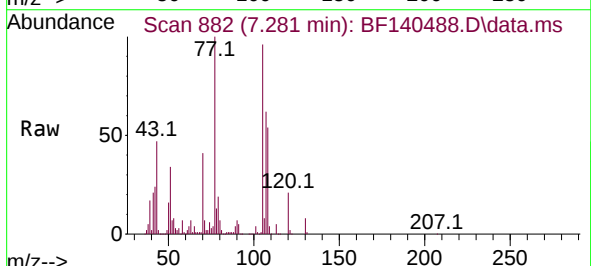
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

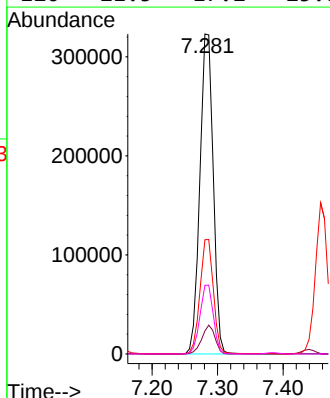
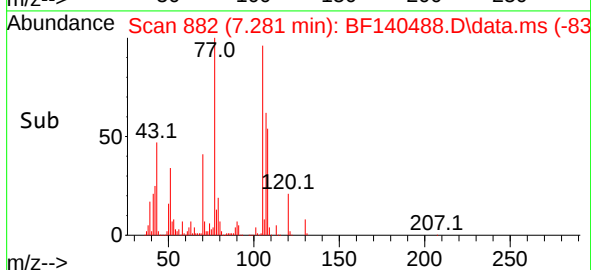
Supervised By :mohammad ahmed 11/22/2024



#22
Acetophenone
Concen: 40.314 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



Tgt Ion:105 Resp: 459893
Ion Ratio Lower Upper
105 100
71 7.2 6.9 10.3
51 35.7 28.6 43.0
120 21.5 17.2 25.8





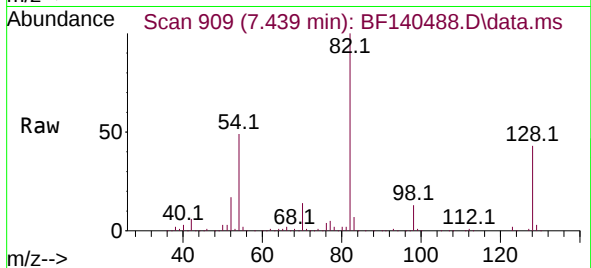
#23
Nitrobenzene-d5
Concen: 81.601 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

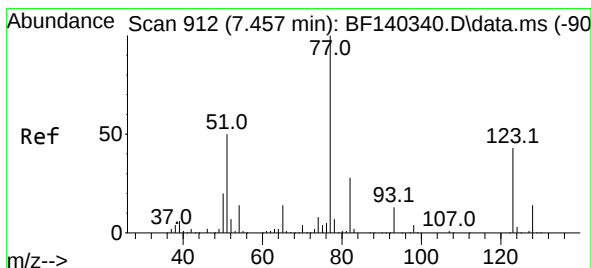
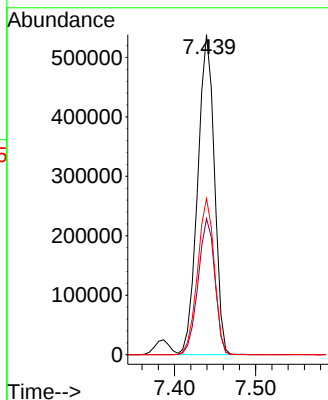
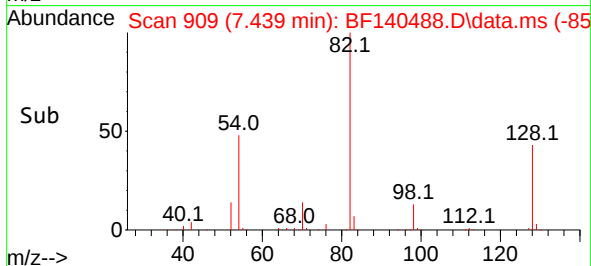


Tgt Ion: 82 Resp: 768178
Ion Ratio Lower Upper
82 100
128 42.5 33.3 49.9
54 48.8 39.8 59.8

Manual Integrations

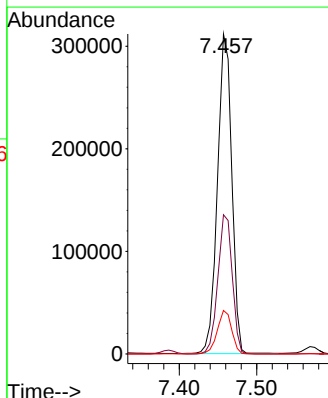
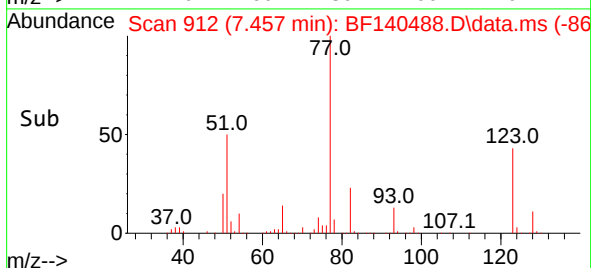
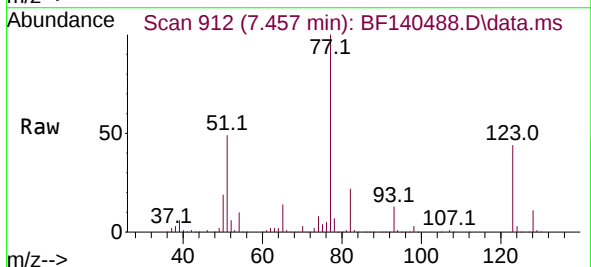
APPROVED

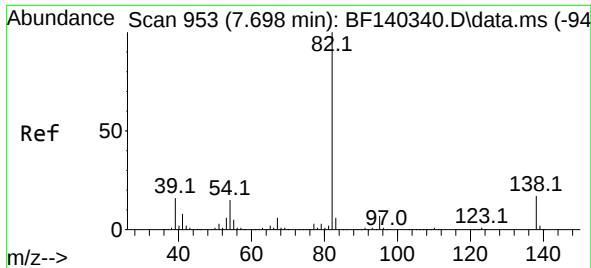
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#24
Nitrobenzene
Concen: 40.890 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion: 77 Resp: 400779
Ion Ratio Lower Upper
77 100
123 43.5 35.4 53.0
65 13.6 11.1 16.7





#25
Isophorone
Concen: 39.991 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

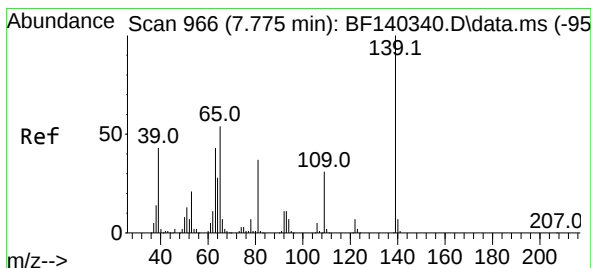
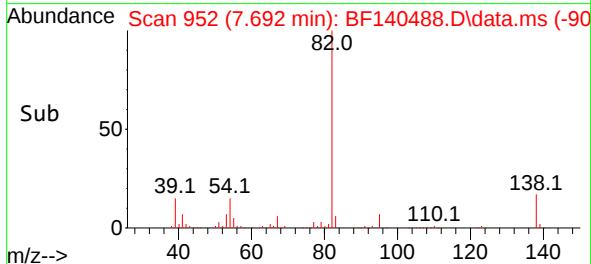
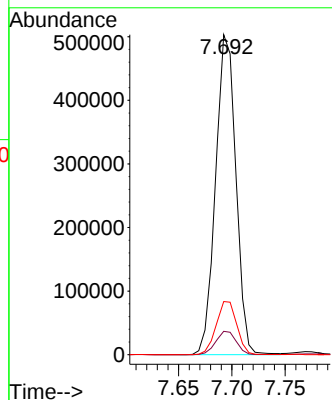
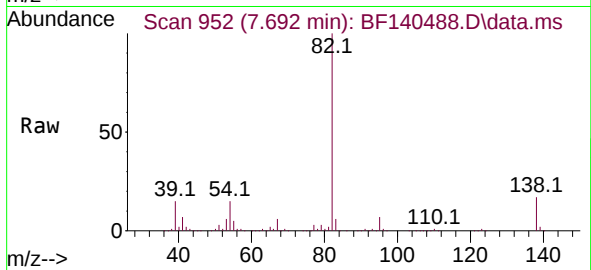
SSTDCCC040

Tgt Ion: 82 Resp: 667210
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.6 13.4 20.2

Manual Integrations

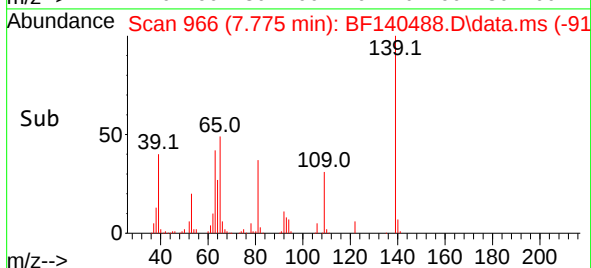
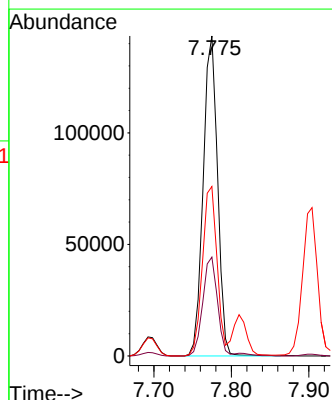
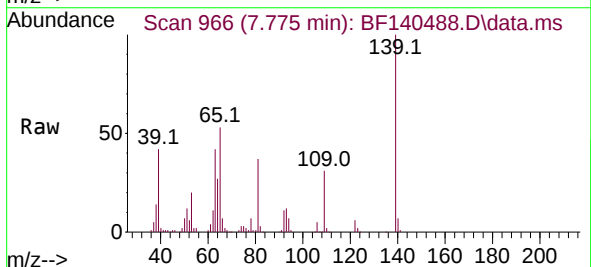
APPROVED

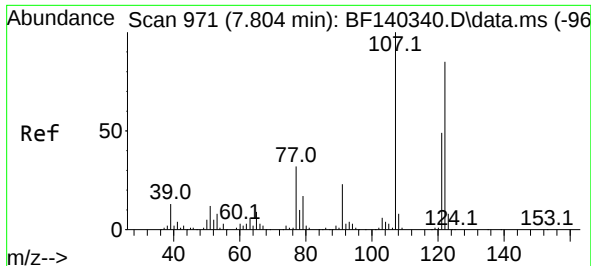
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#26
2-Nitrophenol
Concen: 42.584 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:139 Resp: 185216
Ion Ratio Lower Upper
139 100
109 30.9 24.4 36.6
65 52.9 42.8 64.2





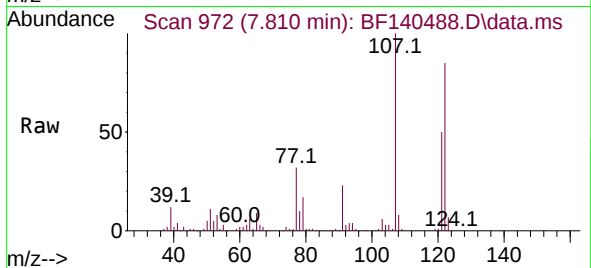
#27
2,4-Dimethylphenol
Concen: 41.165 ng m
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



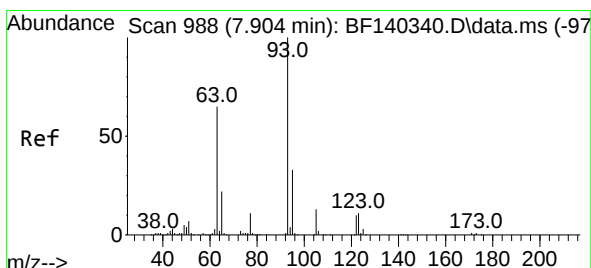
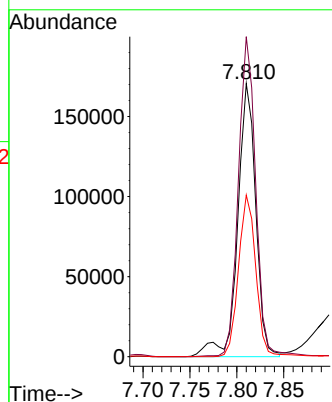
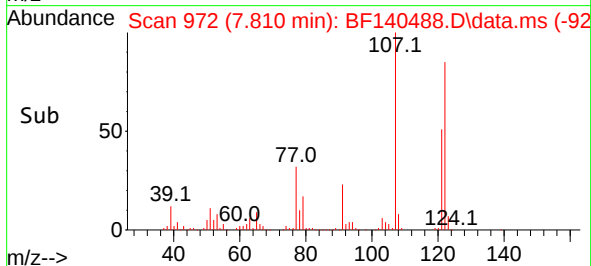
Tgt Ion:122 Resp: 229224
Ion Ratio Lower Upper
122 100
107 117.1 91.3 136.9
121 59.2 45.5 68.3

Manual Integrations

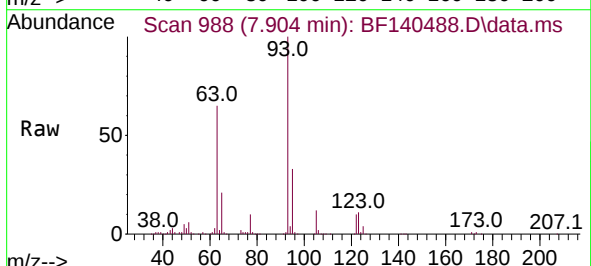
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

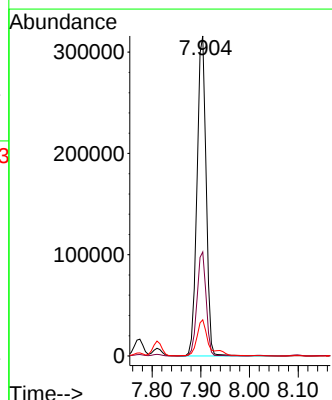
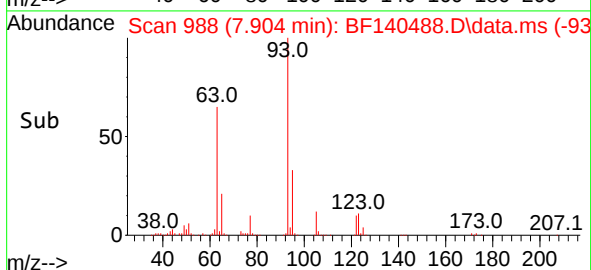
Supervised By :mohammad ahmed 11/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 40.536 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



Tgt Ion: 93 Resp: 414691
Ion Ratio Lower Upper
93 100
95 32.5 25.9 38.9
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.936 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140488.D

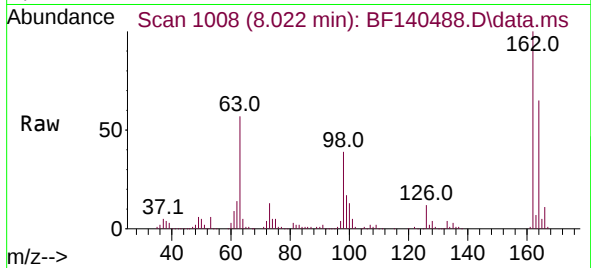
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 28859

Ion Ratio Lower Upper

162 100

164 64.6 45.4 85.4

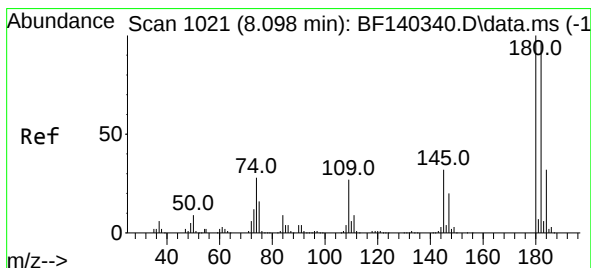
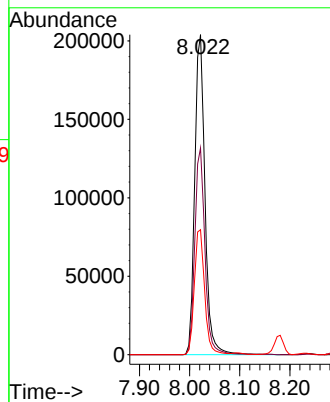
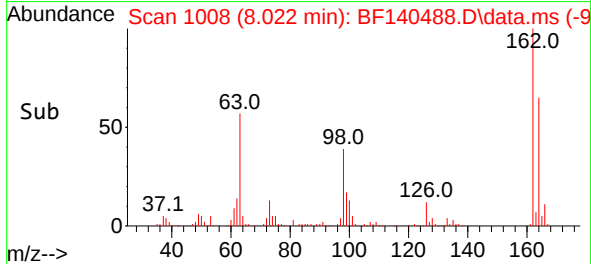
98 39.0 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.545 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

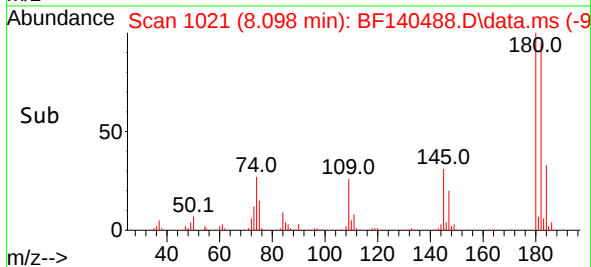
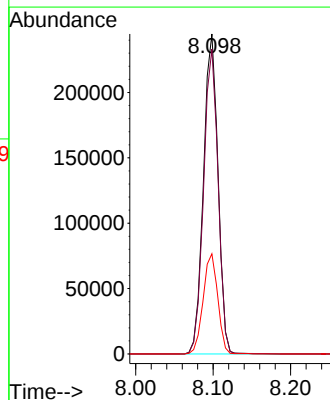
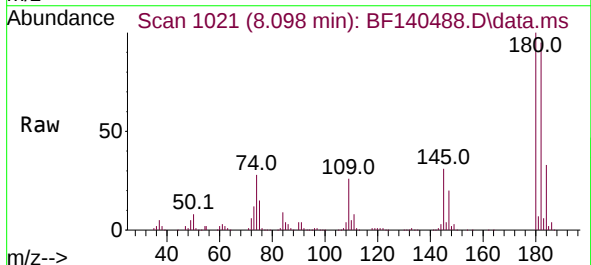
Tgt Ion:180 Resp: 318306

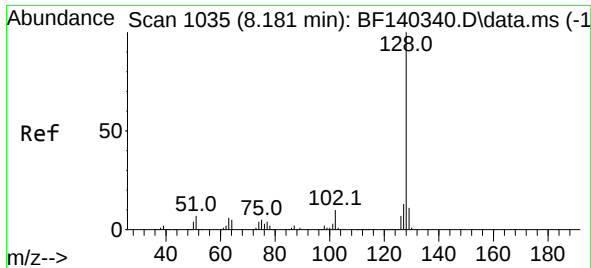
Ion Ratio Lower Upper

180 100

182 95.3 76.5 114.7

145 31.3 25.3 37.9





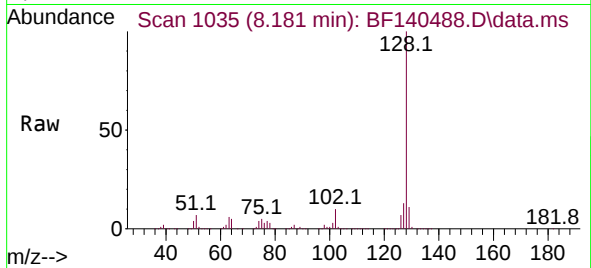
#31
Naphthalene
Concen: 41.021 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



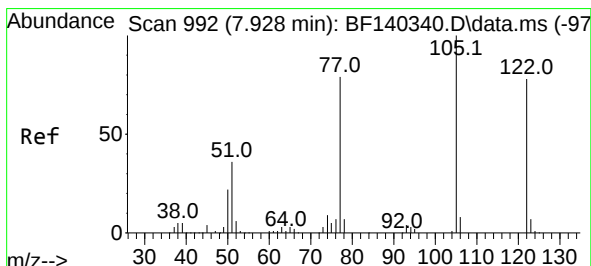
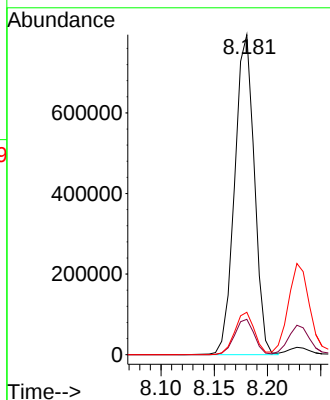
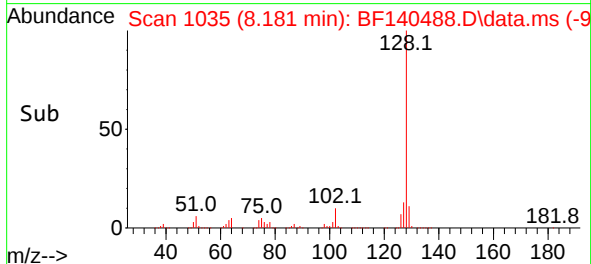
Tgt Ion:128 Resp: 1020660
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 15.8

Manual Integrations

APPROVED

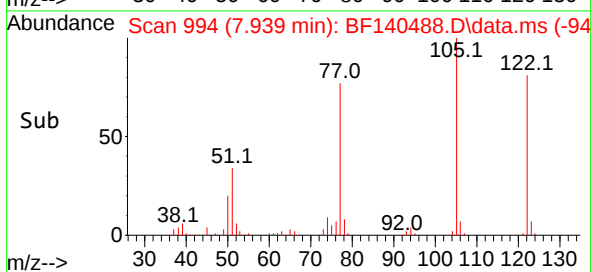
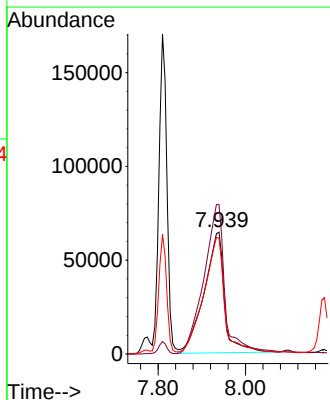
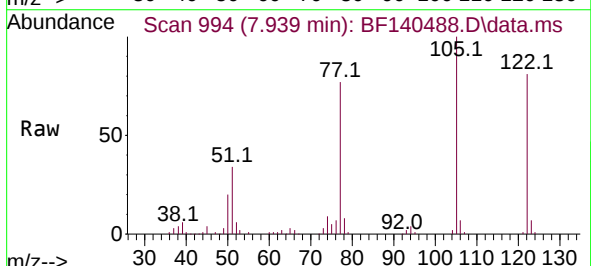
Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#32
Benzoic acid
Concen: 42.721 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:122 Resp: 209323
Ion Ratio Lower Upper
122 100
105 122.7 100.9 140.9
77 95.0 76.0 116.0





#33
4-Chloroaniline
Concen: 38.800 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

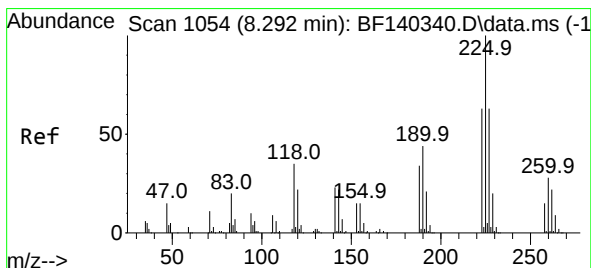
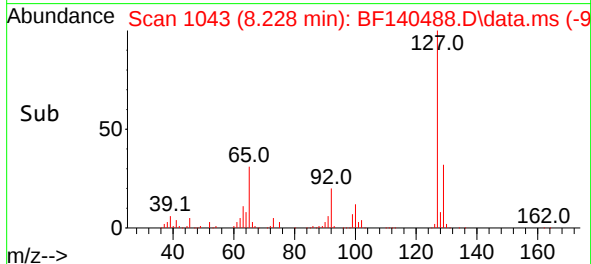
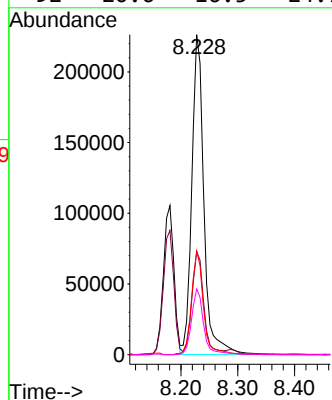
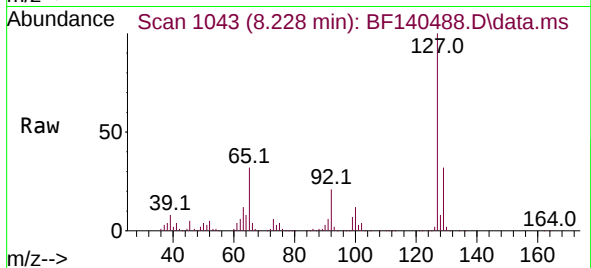
ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 33573
Ion Ratio Lower Upper
127 100
129 32.2 26.2 39.4
65 32.3 25.8 38.6
92 20.6 16.5 24.7

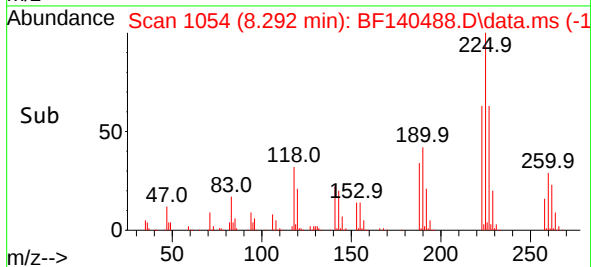
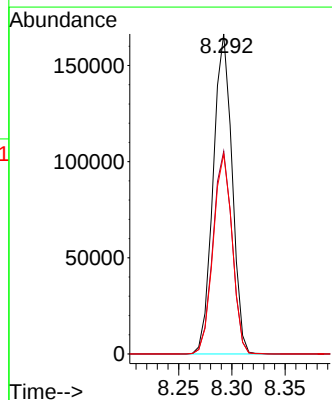
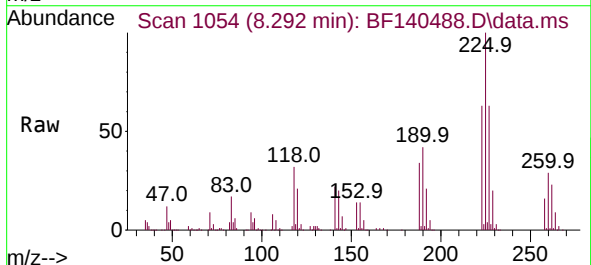
Manual Integrations
APPROVED

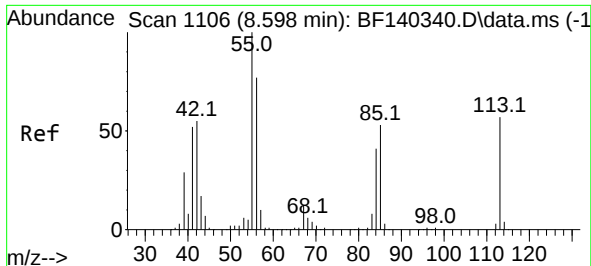
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#34
Hexachlorobutadiene
Concen: 41.969 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:225 Resp: 204877
Ion Ratio Lower Upper
225 100
223 63.3 50.1 75.1
227 62.5 51.3 76.9





#35
Caprolactam
Concen: 41.015 ng
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

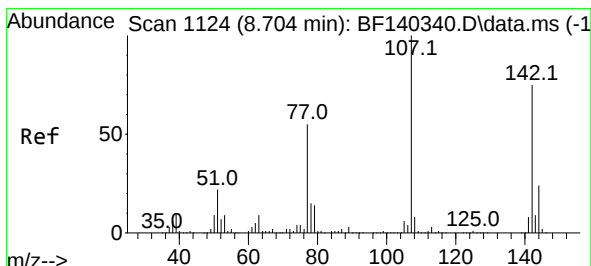
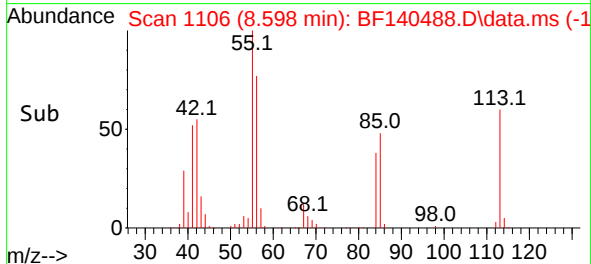
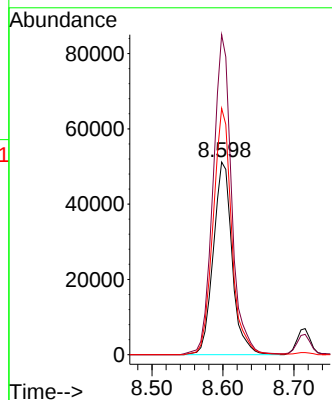
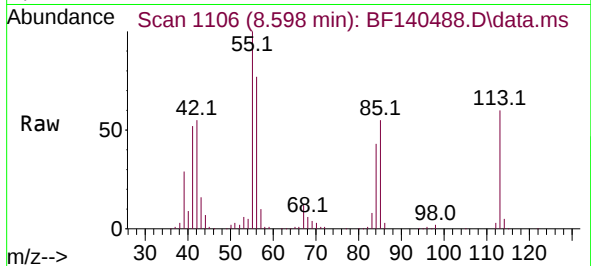
ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 9381
Ion Ratio Lower Upper
113 100
55 166.1 150.0 190.0
56 127.9 111.1 151.1

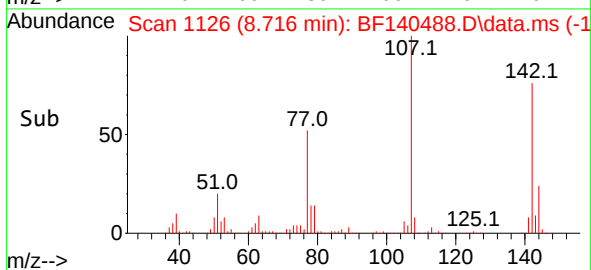
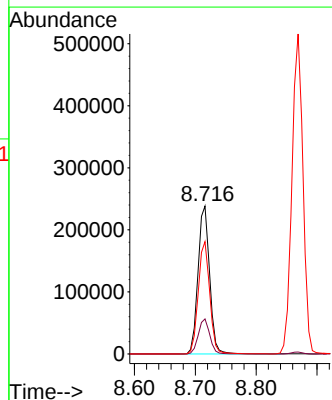
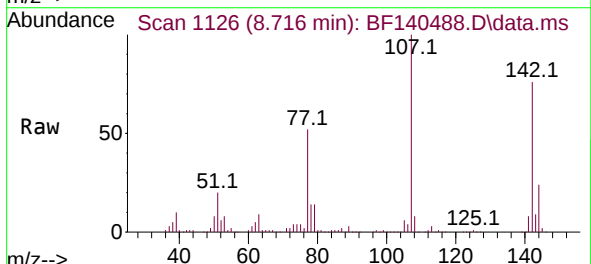
Manual Integrations
APPROVED

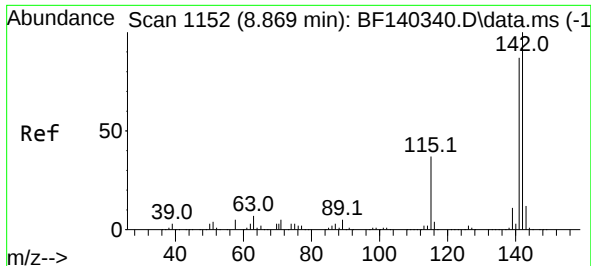
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#36
4-Chloro-3-methylphenol
Concen: 41.442 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:107 Resp: 316051
Ion Ratio Lower Upper
107 100
144 23.7 19.3 28.9
142 75.9 59.4 89.0





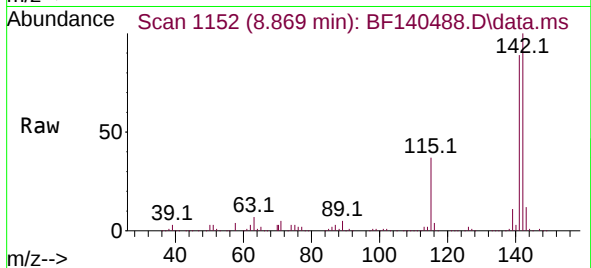
#37
2-Methylnaphthalene
Concen: 40.752 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



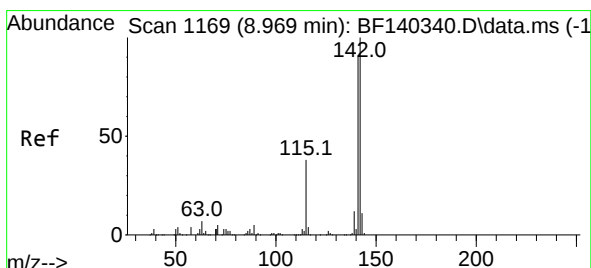
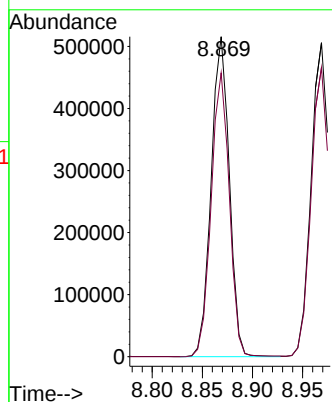
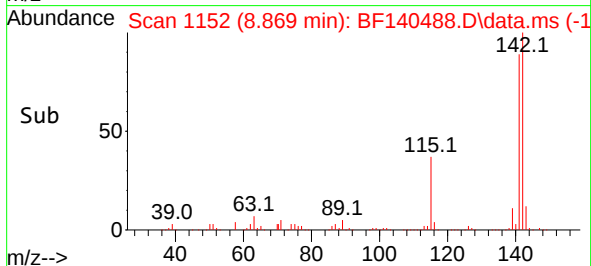
Tgt Ion:142 Resp: 650164
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6

Manual Integrations

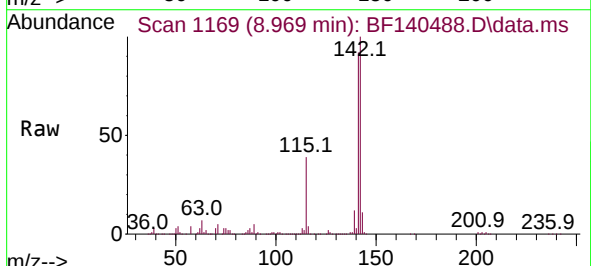
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

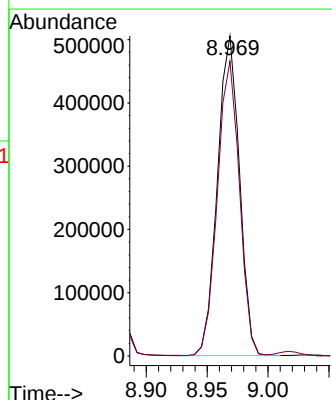
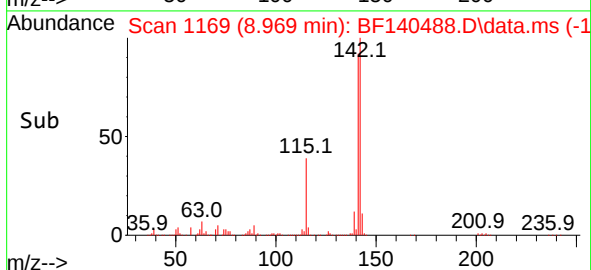
Supervised By :mohammad ahmed 11/22/2024

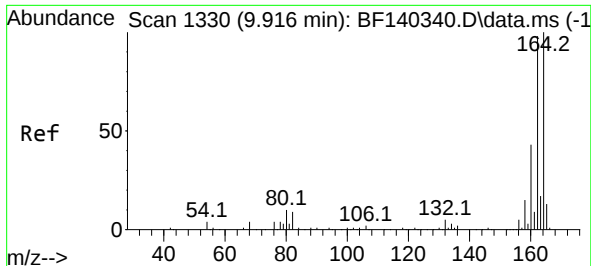


#38
1-Methylnaphthalene
Concen: 40.761 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



Tgt Ion:142 Resp: 636817
Ion Ratio Lower Upper
142 100
141 92.1 73.6 110.4





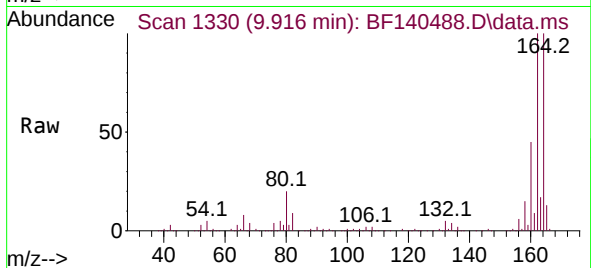
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



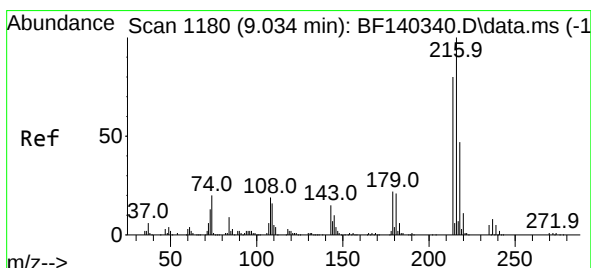
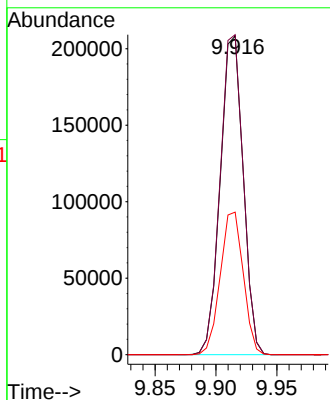
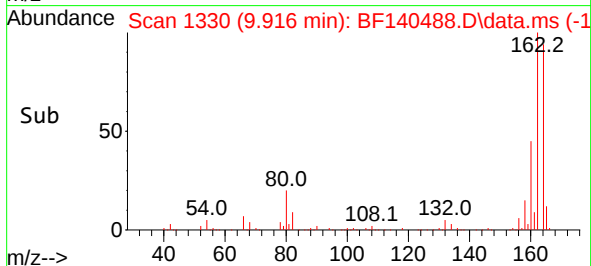
Tgt Ion:164 Resp: 273054
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 44.8 35.4 53.0

Manual Integrations

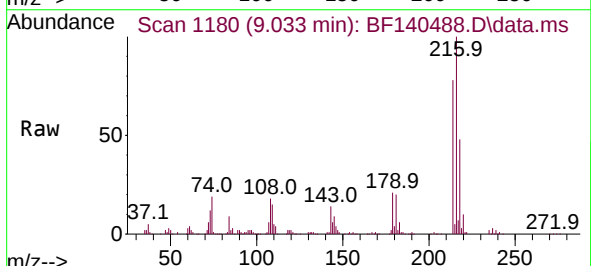
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

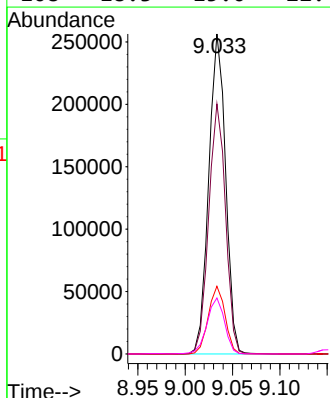
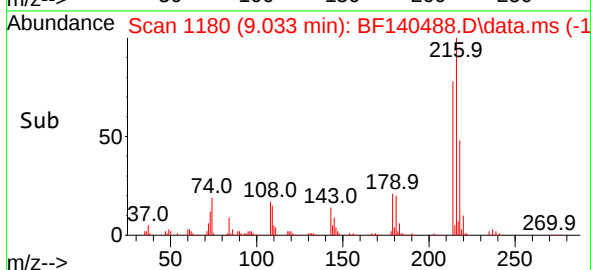
Supervised By :mohammad ahmed 11/22/2024

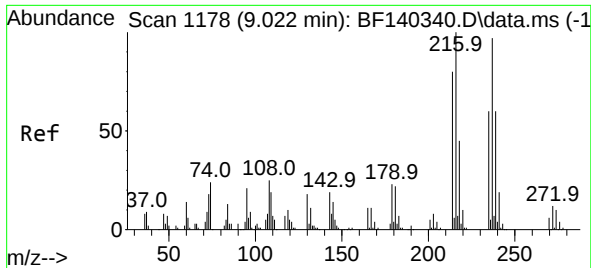


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.033 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



Tgt Ion:216 Resp: 317385
Ion Ratio Lower Upper
216 100
214 78.0 63.2 94.8
179 21.0 17.2 25.8
108 18.3 15.0 22.4





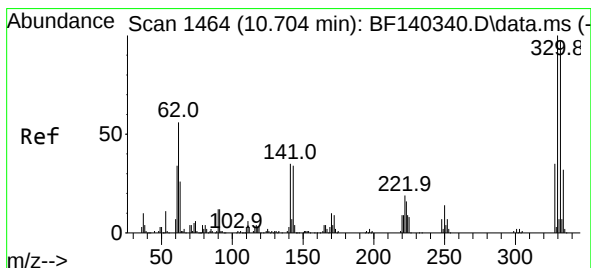
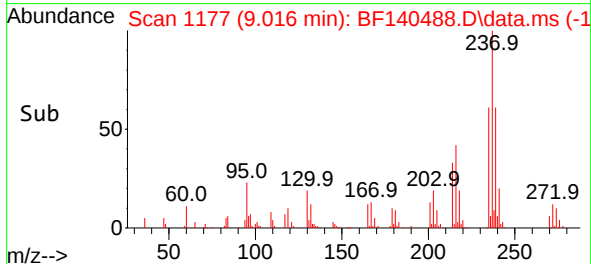
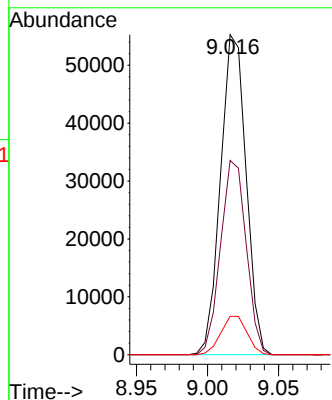
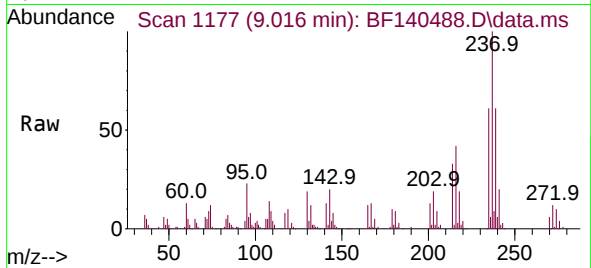
#41
Hexachlorocyclopentadiene
Concen: 35.720 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 69250
Ion Ratio Lower Upper
237 100
235 60.7 42.8 82.8
272 12.0 0.0 33.1

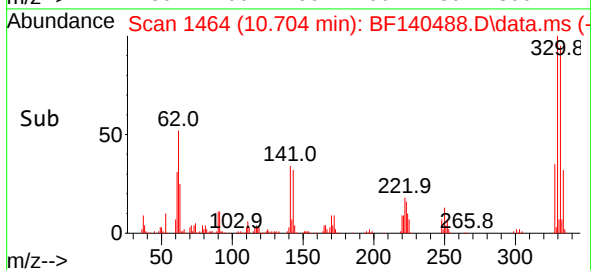
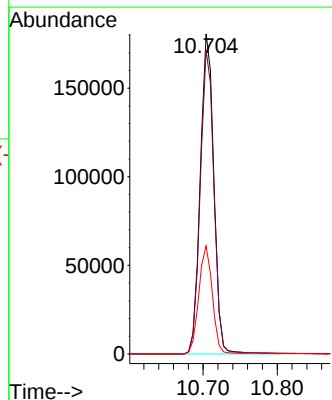
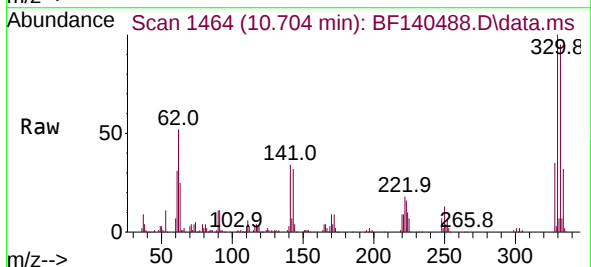
Manual Integrations
APPROVED

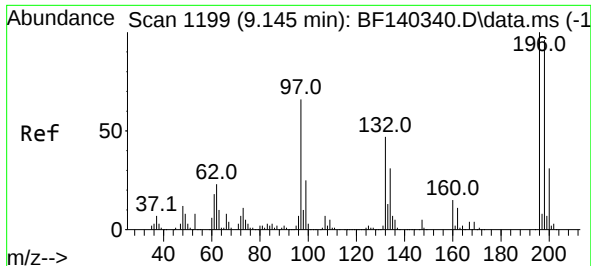
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#42
2,4,6-Tribromophenol
Concen: 84.657 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

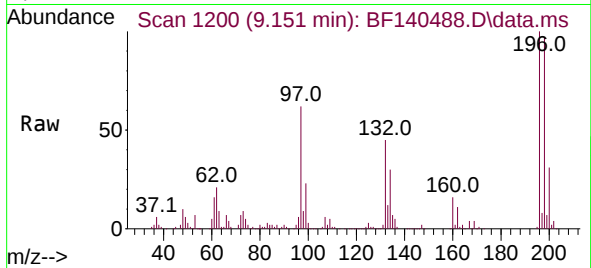
Tgt Ion:330 Resp: 229869
Ion Ratio Lower Upper
330 100
332 95.1 75.9 113.9
141 33.6 26.9 40.3





#43
2,4,6-Trichlorophenol
Concen: 41.575 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

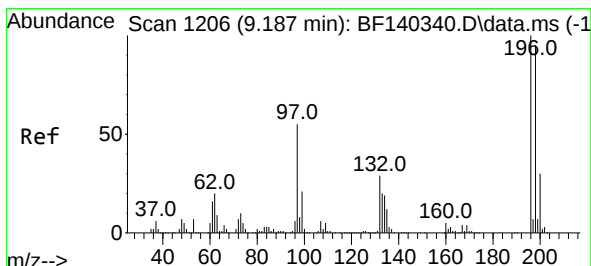
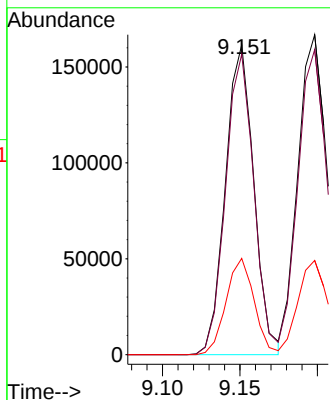
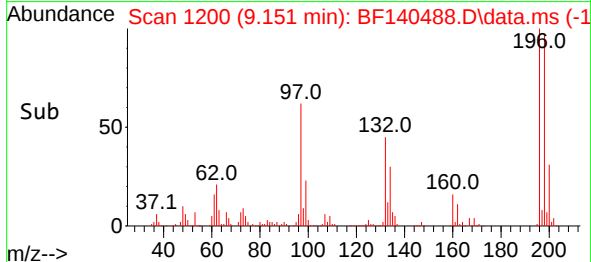
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



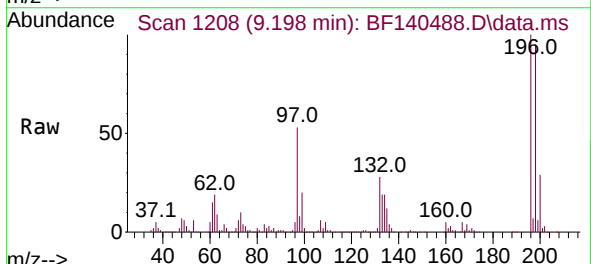
Tgt Ion:196 Resp: 206019
Ion Ratio Lower Upper
196 100
198 97.0 77.0 115.4
200 31.1 24.2 36.4

Manual Integrations
APPROVED

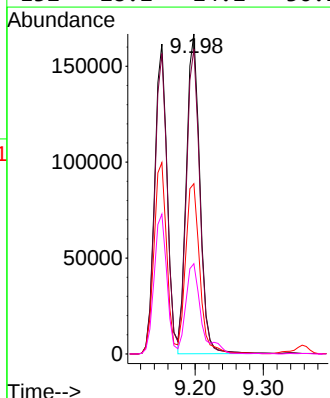
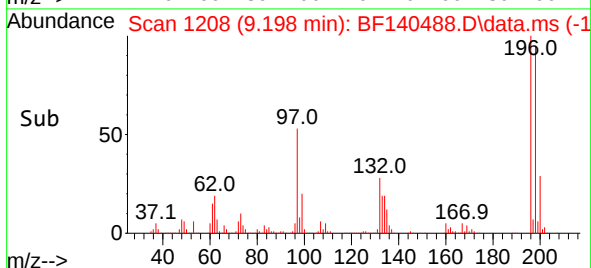
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

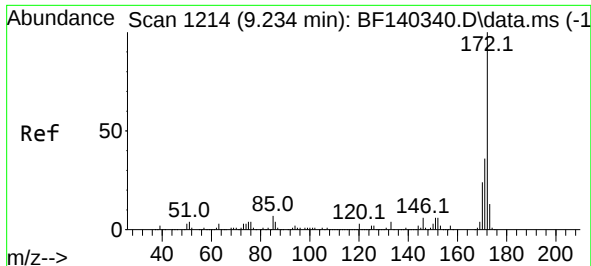


#44
2,4,5-Trichlorophenol
Concen: 42.101 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



Tgt Ion:196 Resp: 228093
Ion Ratio Lower Upper
196 100
198 95.4 77.6 116.4
97 53.2 45.4 68.2
132 28.2 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 82.435 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1400225

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

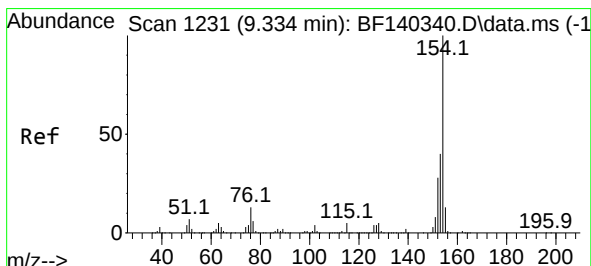
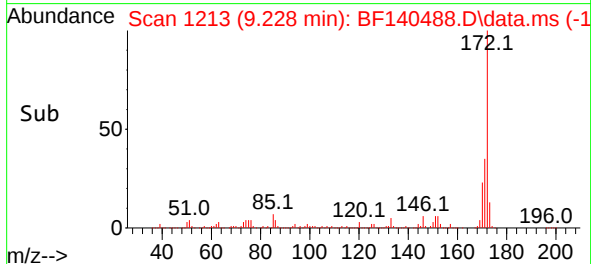
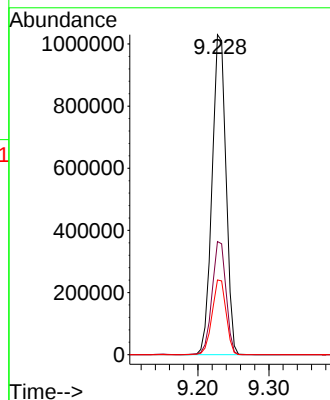
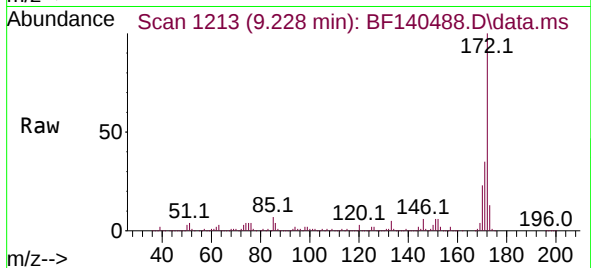
170 23.4 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#46

1,1'-Biphenyl

Concen: 41.269 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

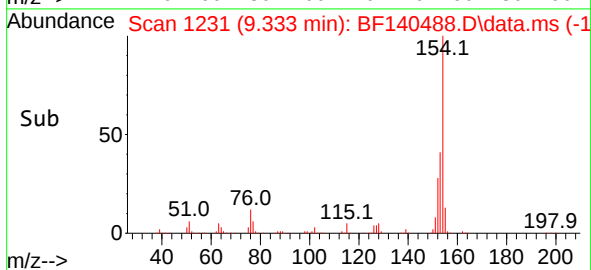
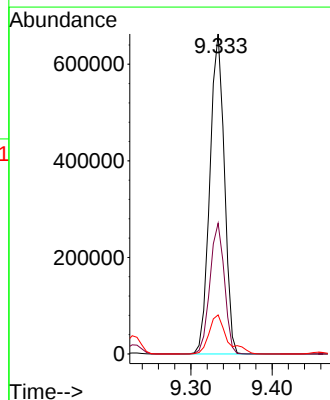
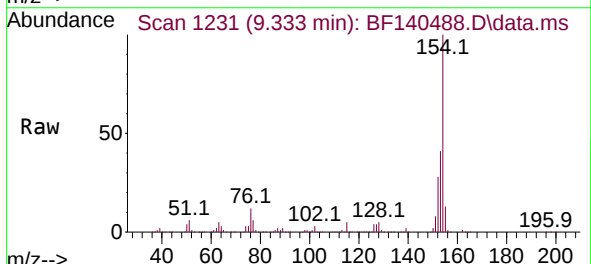
Tgt Ion:154 Resp: 819790

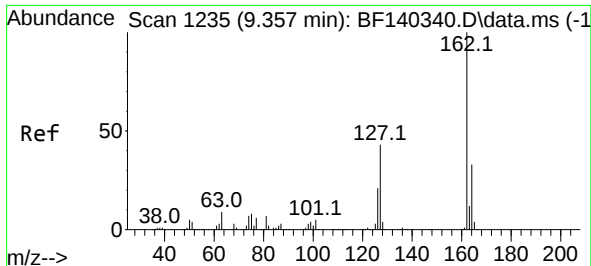
Ion Ratio Lower Upper

154 100

153 40.9 20.4 60.4

76 12.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 41.295 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 624878

Ion Ratio Lower Upper

162 100

127 43.6 34.0 51.0

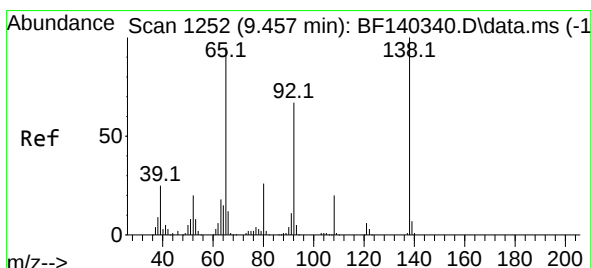
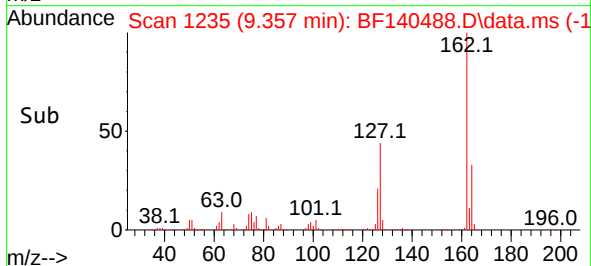
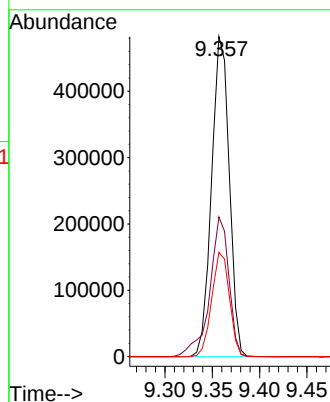
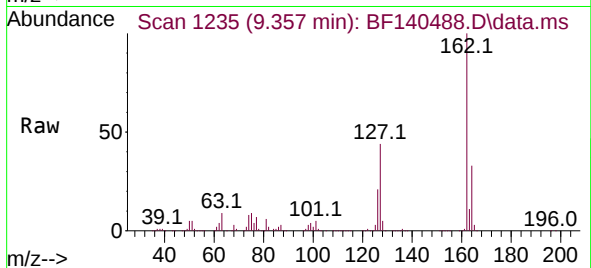
164 32.6 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#48

2-Nitroaniline

Concen: 40.822 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

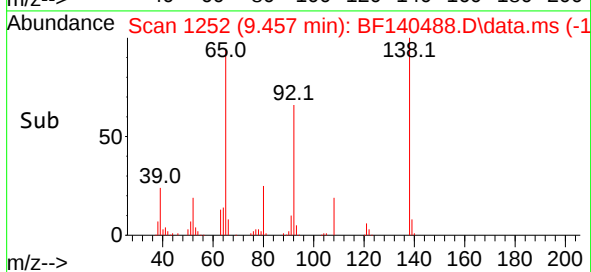
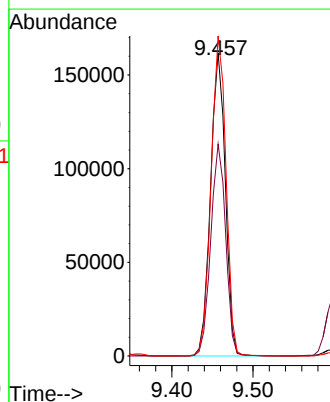
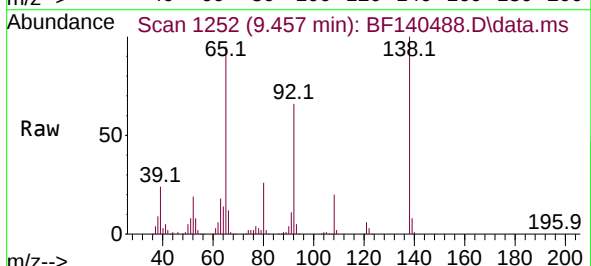
Tgt Ion: 65 Resp: 204862

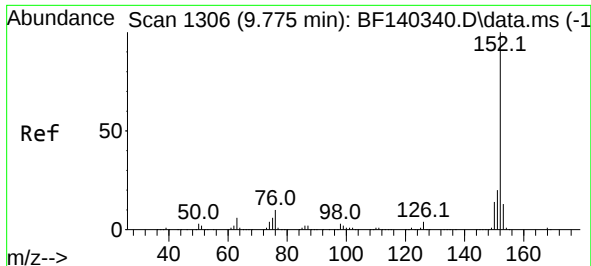
Ion Ratio Lower Upper

65 100

92 69.9 56.4 84.6

138 105.5 84.8 127.2





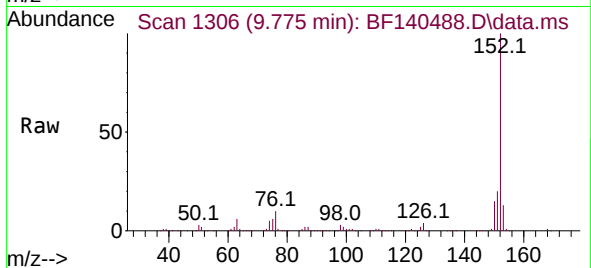
#49
Acenaphthylene
Concen: 41.051 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

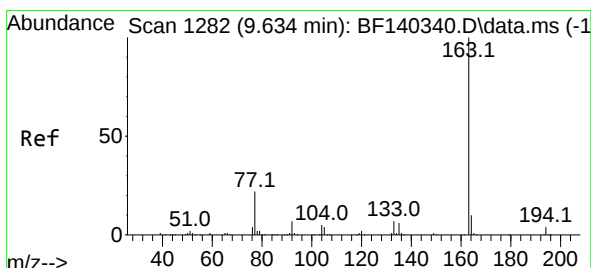
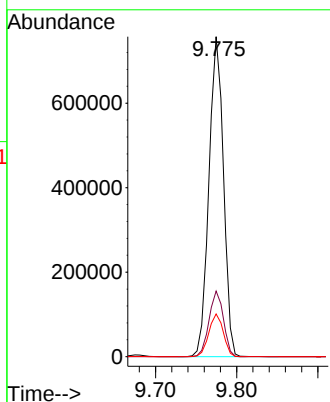
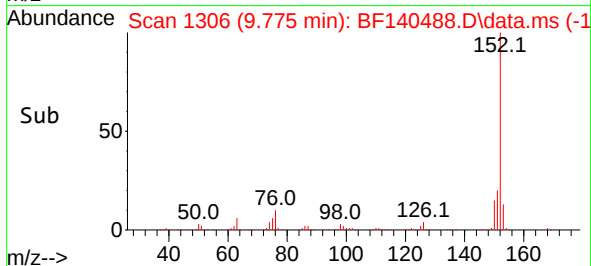


Tgt Ion:152 Resp: 939848
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.4 10.7 16.1

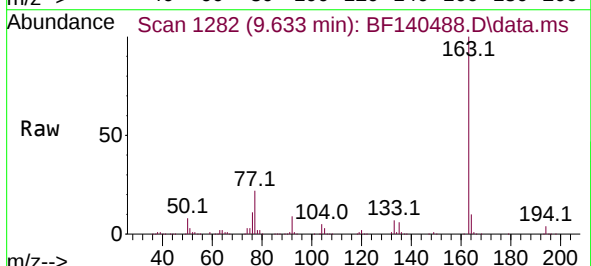
Manual Integrations

APPROVED

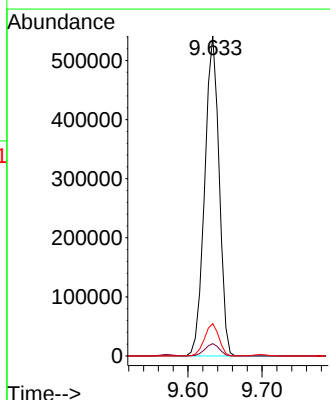
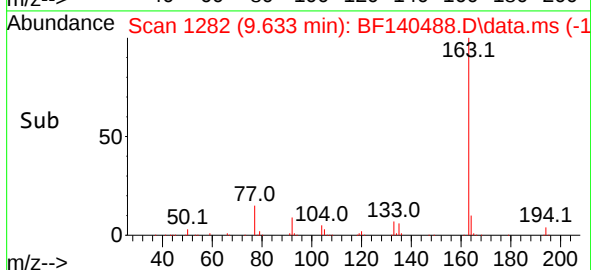
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

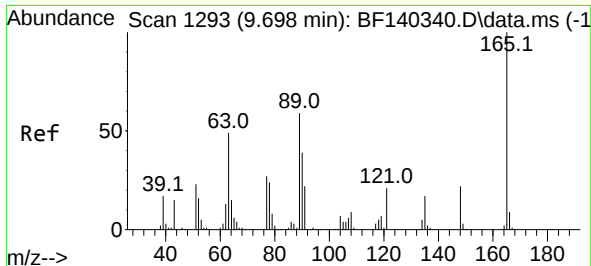


#50
Dimethylphthalate
Concen: 41.191 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



Tgt Ion:163 Resp: 733122
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 8.2 12.4





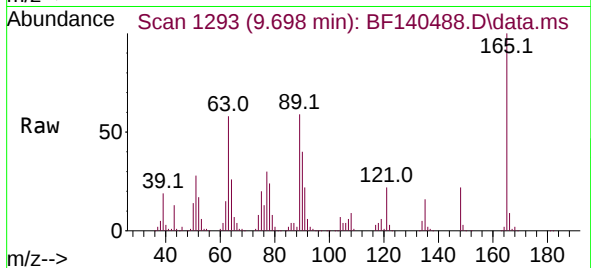
#51
2,6-Dinitrotoluene
Concen: 42.217 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



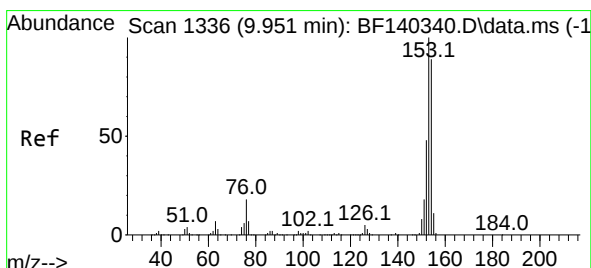
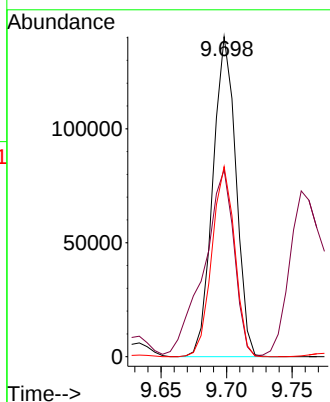
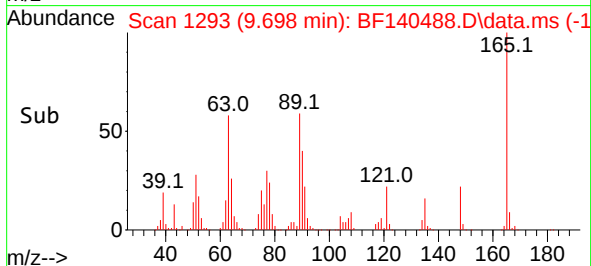
Tgt Ion:165 Resp: 171298
Ion Ratio Lower Upper
165 100
63 58.4 47.6 71.4
89 59.4 48.1 72.1

Manual Integrations

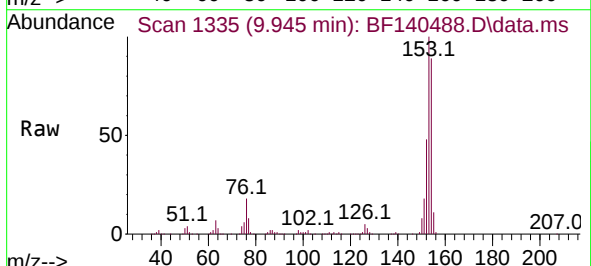
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

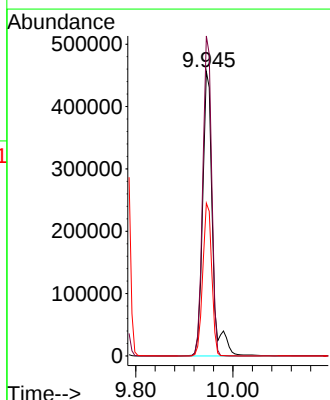
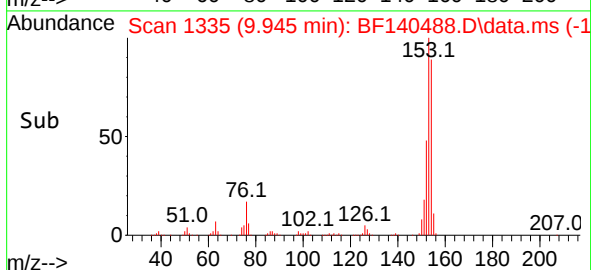
Supervised By :mohammad ahmed 11/22/2024

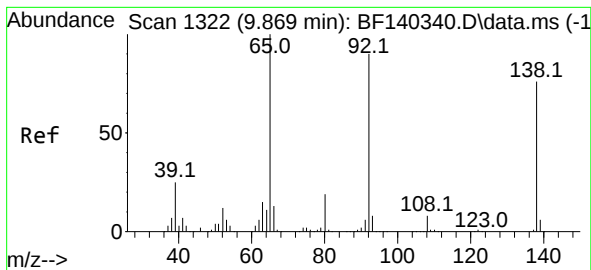


#52
Acenaphthene
Concen: 41.519 ng m
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



Tgt Ion:154 Resp: 642037
Ion Ratio Lower Upper
154 100
153 112.5 89.8 134.8
152 53.7 42.6 64.0





#53
3-Nitroaniline
Concen: 40.783 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

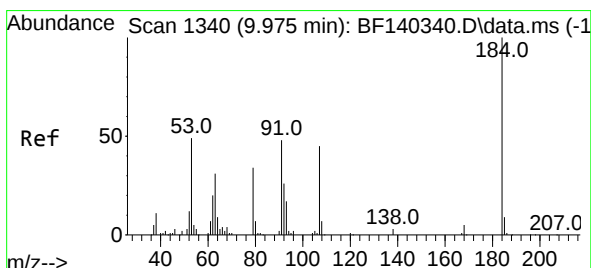
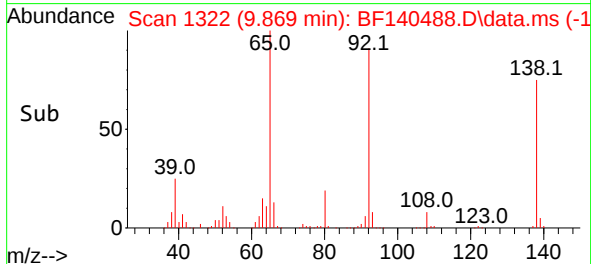
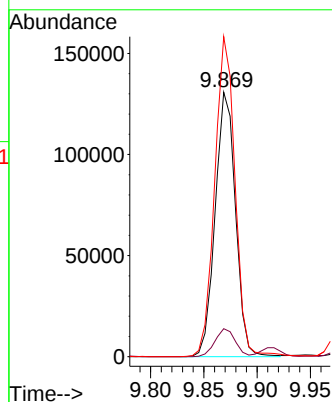
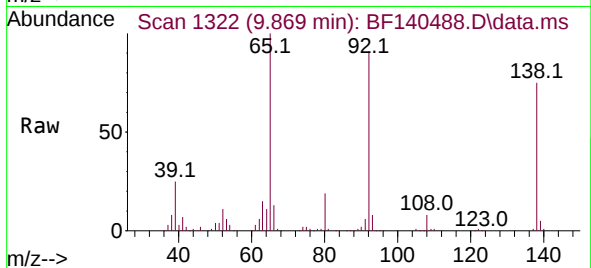
ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 173780
Ion Ratio Lower Upper
138 100
108 10.6 8.4 12.6
92 121.0 95.5 143.3

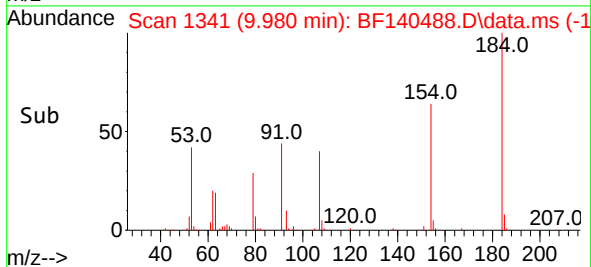
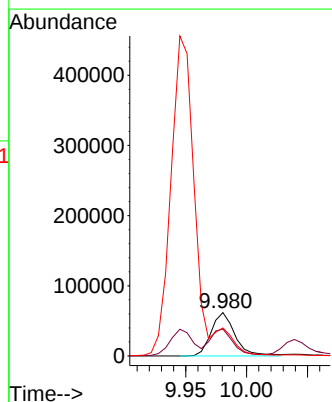
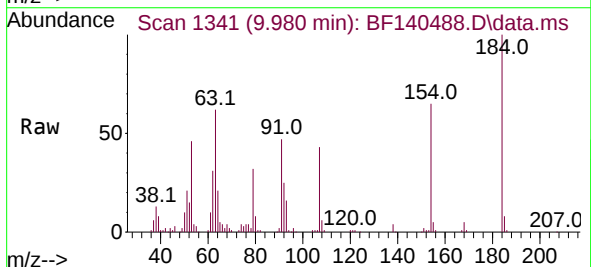
Manual Integrations
APPROVED

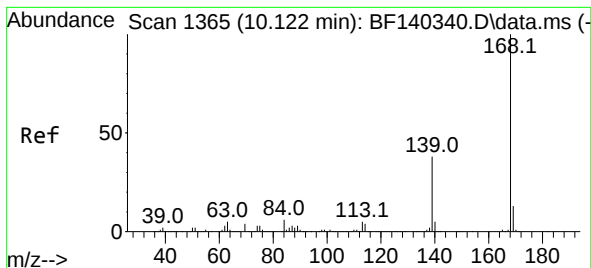
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#54
2,4-Dinitrophenol
Concen: 40.309 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:184 Resp: 84341
Ion Ratio Lower Upper
184 100
63 62.1 53.5 80.3
154 64.6 51.3 76.9





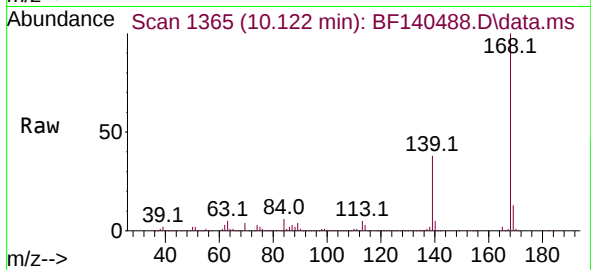
#55
Dibenzenofuran
Concen: 40.855 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



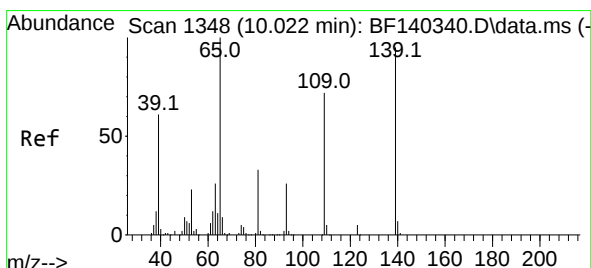
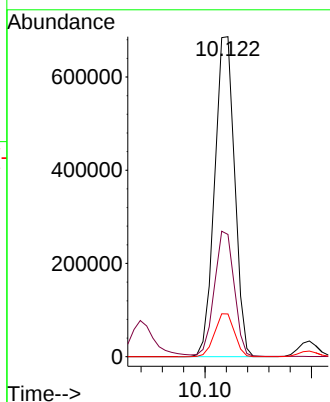
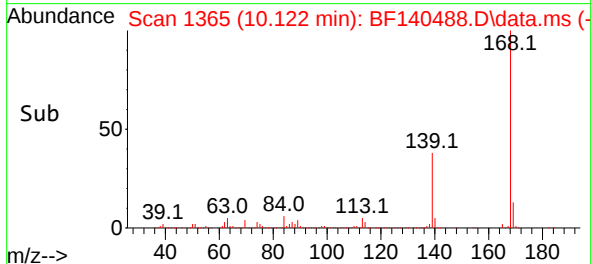
Tgt Ion:168 Resp: 89434
Ion Ratio Lower Upper
168 100
139 38.2 30.8 46.2
169 13.3 10.8 16.2

Manual Integrations

APPROVED

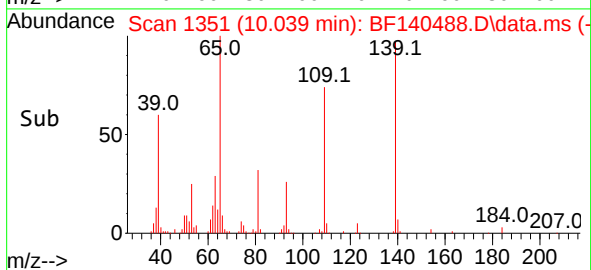
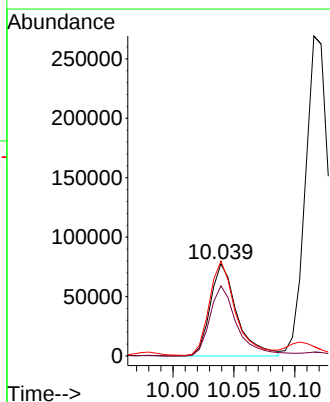
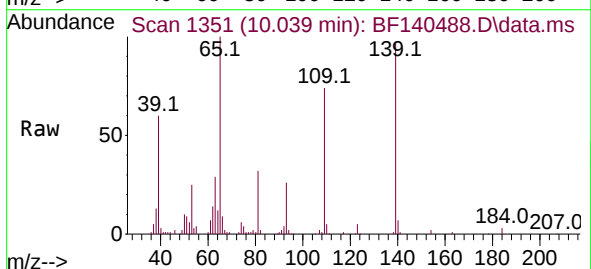
Reviewed By :Yogesh Patel 11/22/2024

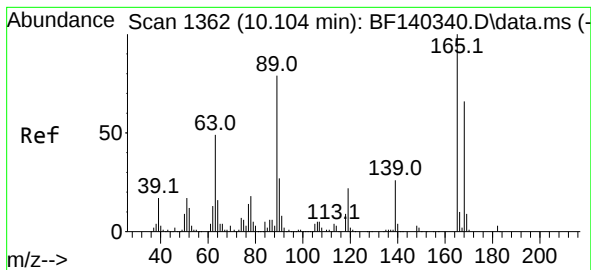
Supervised By :mohammad ahmed 11/22/2024



#56
4-Nitrophenol
Concen: 37.987 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.018 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:139 Resp: 118069
Ion Ratio Lower Upper
139 100
109 76.2 54.5 94.5
65 103.1 84.4 124.4





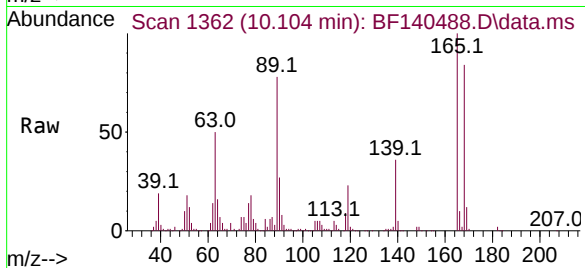
#57
2,4-Dinitrotoluene
Concen: 41.954 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



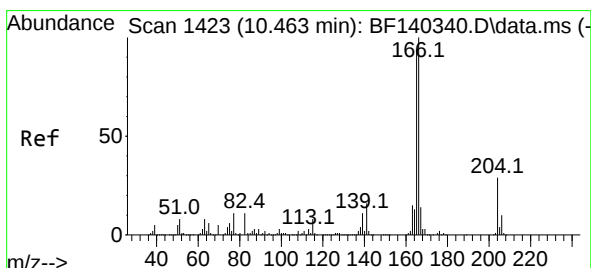
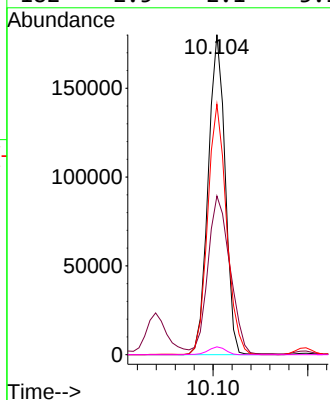
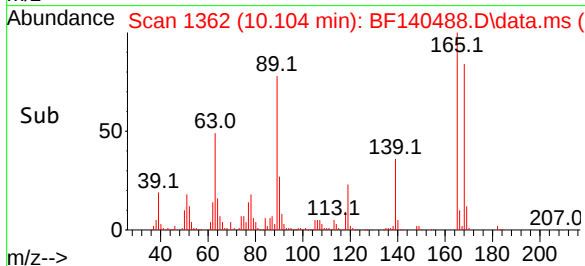
Tgt Ion:165 Resp: 224038
Ion Ratio Lower Upper
165 100
63 49.6 39.4 59.0
89 78.3 62.4 93.6
182 2.5 2.1 3.1

Manual Integrations

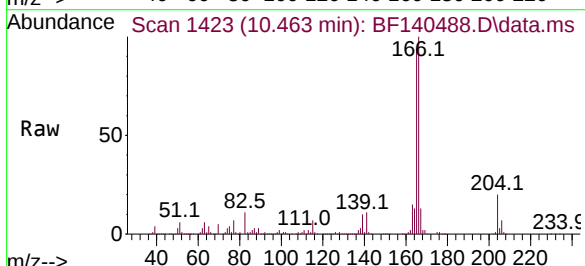
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

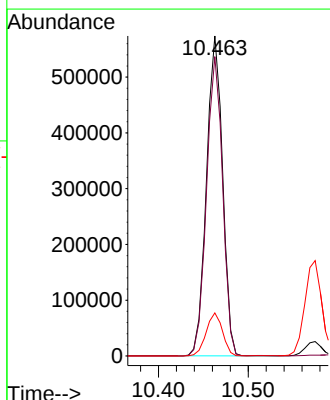
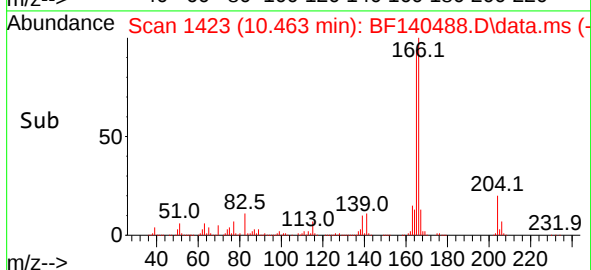
Supervised By :mohammad ahmed 11/22/2024



#58
Fluorene
Concen: 41.374 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



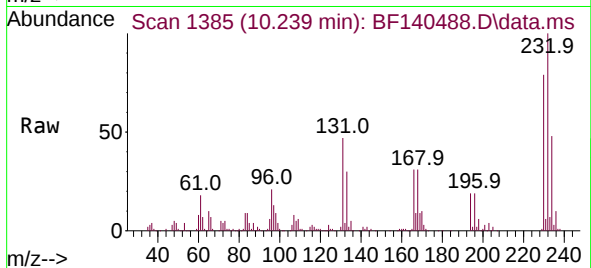
Tgt Ion:166 Resp: 715498
Ion Ratio Lower Upper
166 100
165 93.6 73.9 110.9
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.969 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

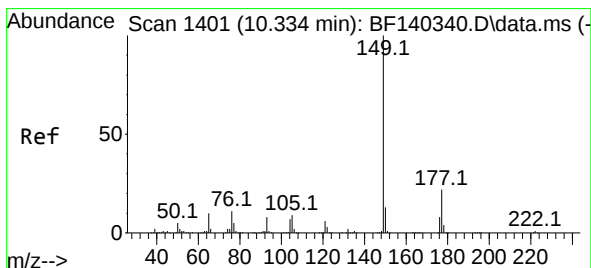
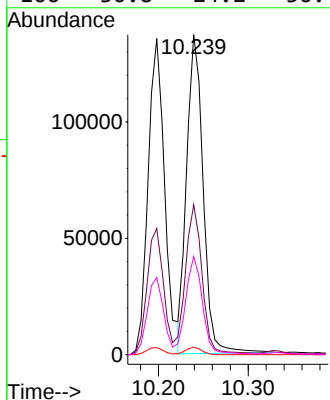
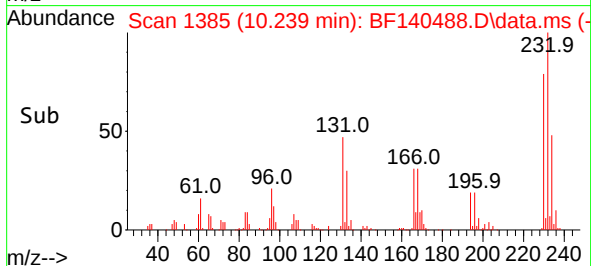
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 175250
Ion Ratio Lower Upper
232 100
131 47.5 36.8 55.2
130 2.3 1.9 2.9
166 30.8 24.2 36.4

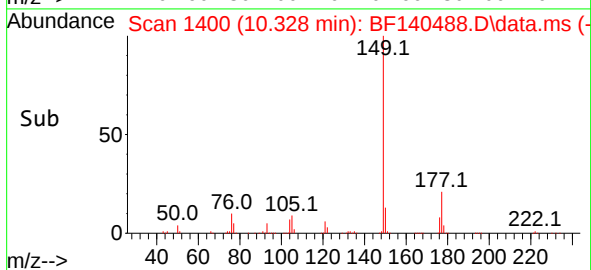
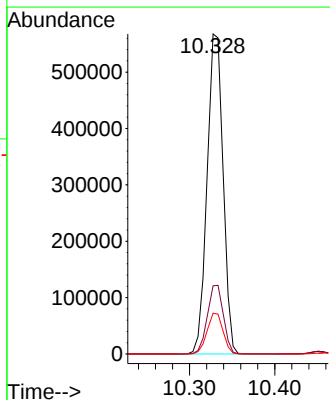
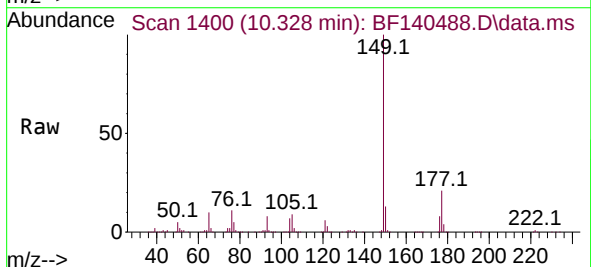
Manual Integrations
APPROVED

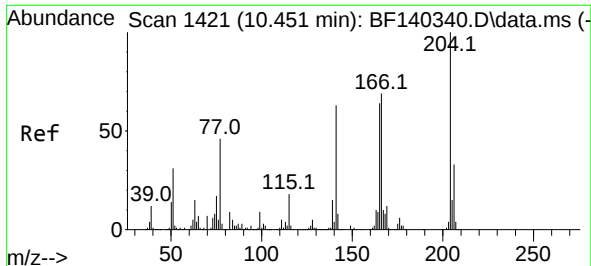
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#60
Diethylphthalate
Concen: 40.719 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

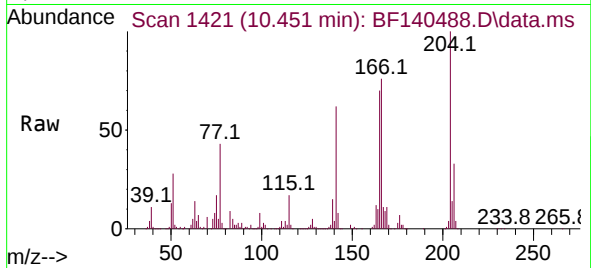
Tgt Ion:149 Resp: 741052
Ion Ratio Lower Upper
149 100
177 21.3 17.5 26.3
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.564 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

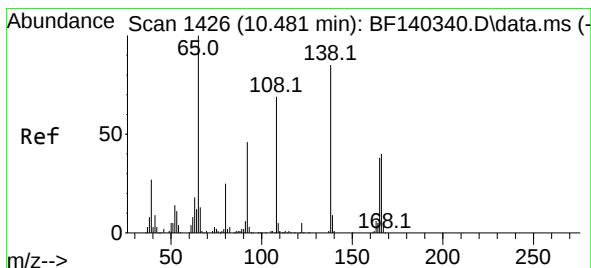
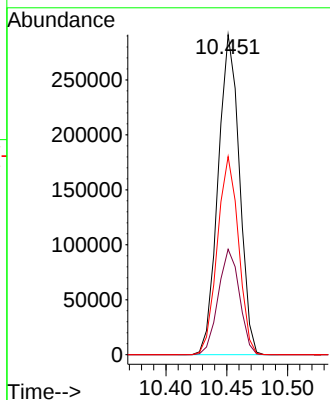
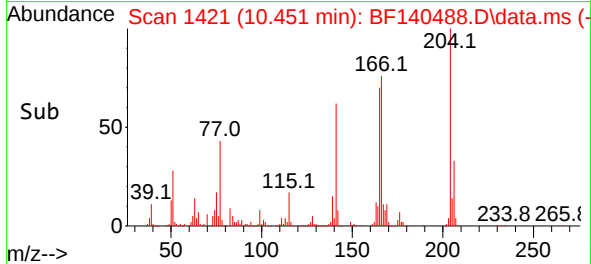
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 35485
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 61.9 49.8 74.8

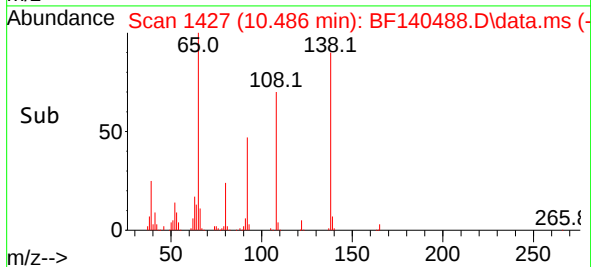
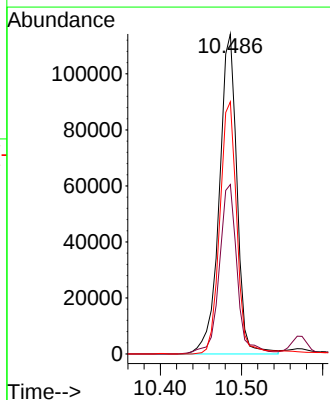
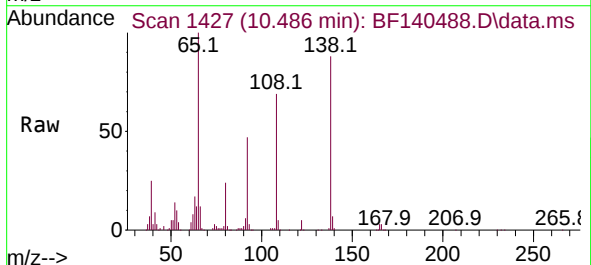
Manual Integrations
APPROVED

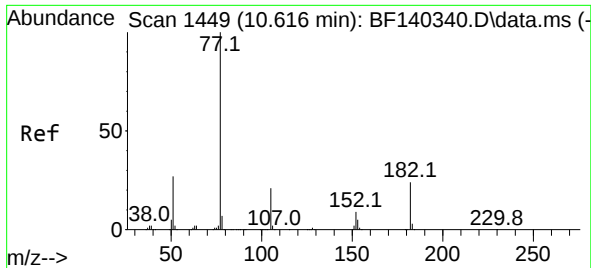
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#62
4-Nitroaniline
Concen: 39.743 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

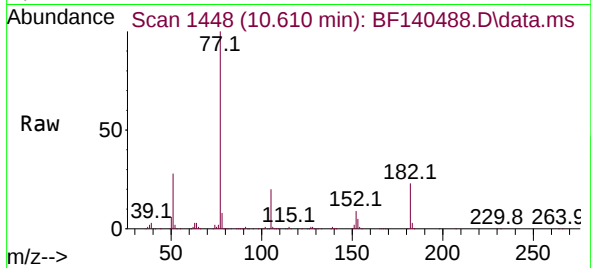
Tgt Ion:138 Resp: 173157
Ion Ratio Lower Upper
138 100
92 53.0 33.8 73.8
108 78.8 59.9 99.9





#63
Azobenzene
Concen: 40.162 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

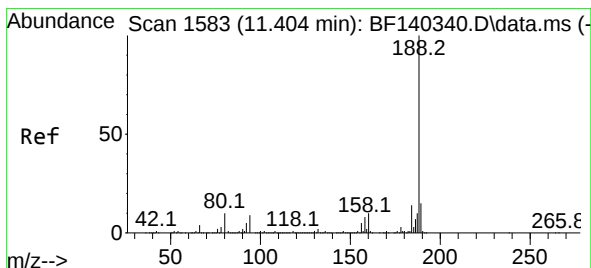
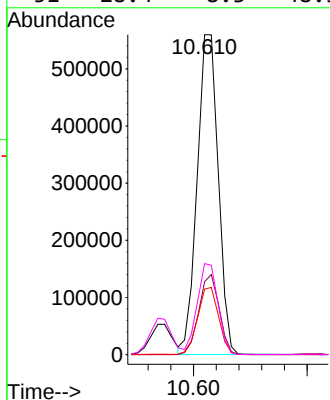
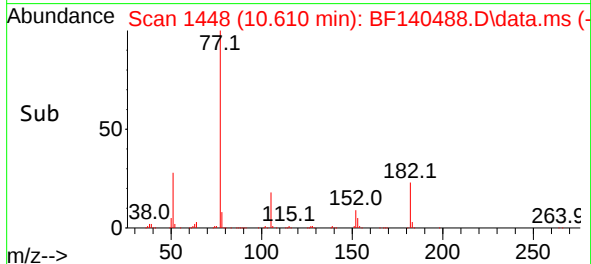
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 722195
Ion Ratio Lower Upper
77 100
182 22.8 4.6 44.6
105 20.5 0.9 40.9
51 28.4 8.3 48.3

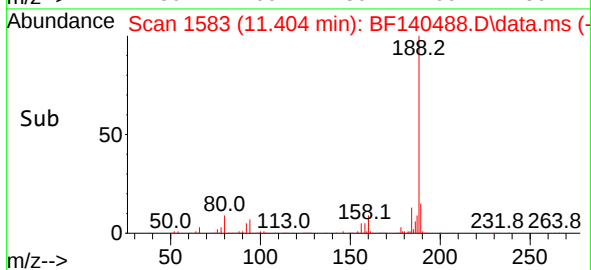
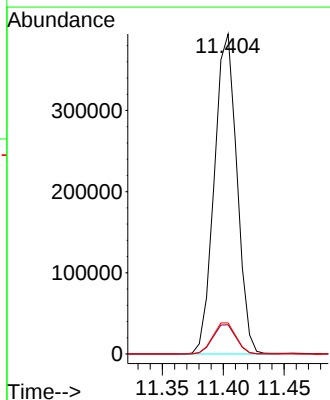
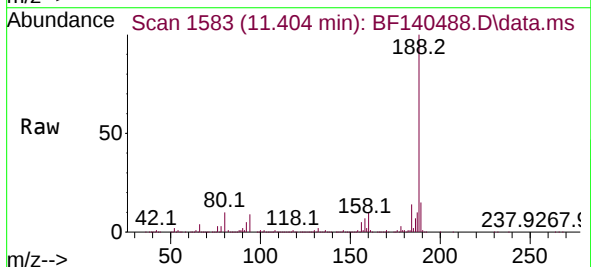
Manual Integrations
APPROVED

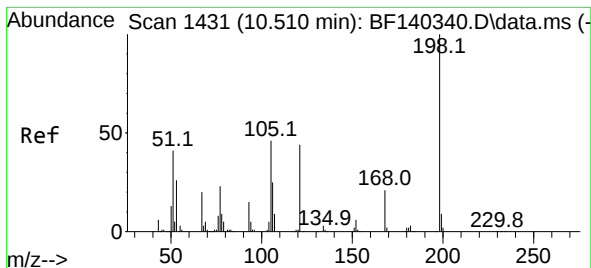
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:188 Resp: 510213
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.7 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 45.111 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

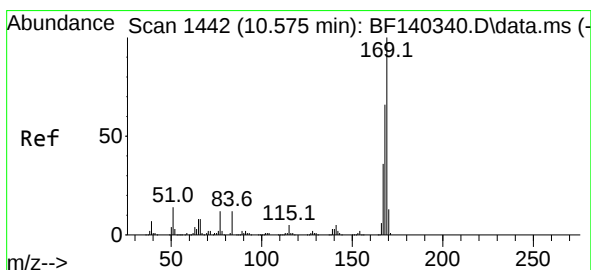
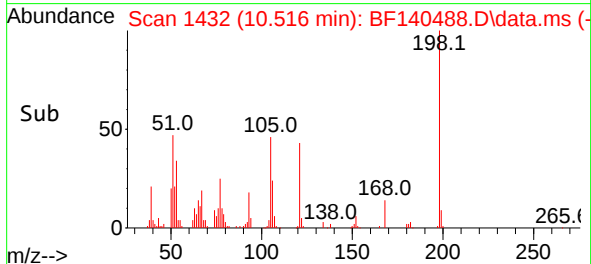
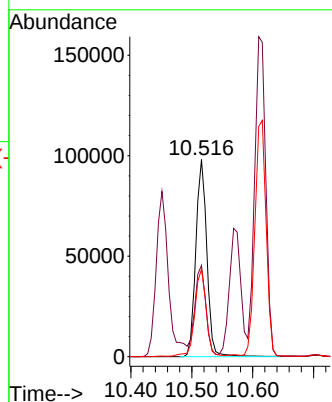
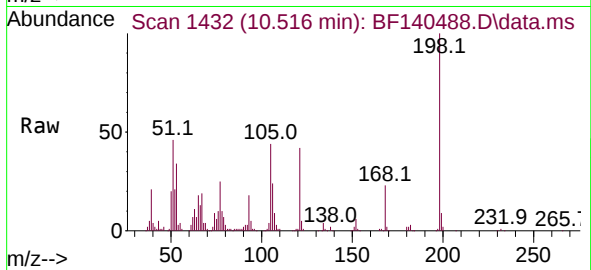
ClientSampleId :

SSTDCCC040

Tgt Ion:198 Resp: 12383
Ion Ratio Lower Upper
198 100
51 46.3 29.7 69.7
105 44.3 26.3 66.3

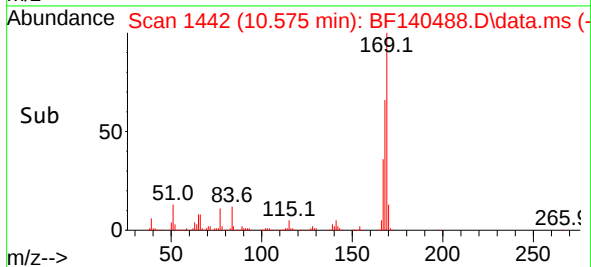
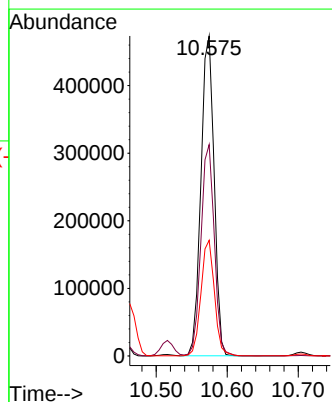
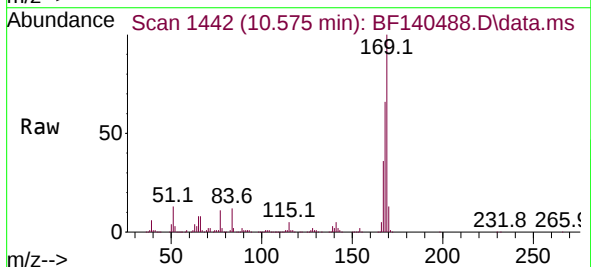
Manual Integrations
APPROVED

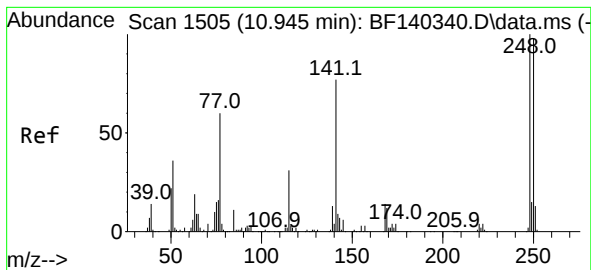
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#66
n-Nitrosodiphenylamine
Concen: 41.500 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:169 Resp: 611778
Ion Ratio Lower Upper
169 100
168 66.0 52.7 79.1
167 36.1 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 41.452 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

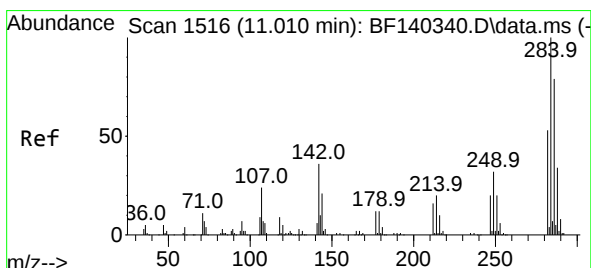
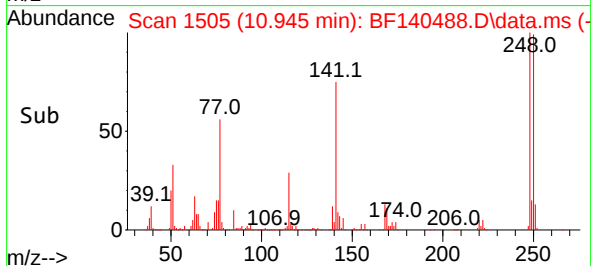
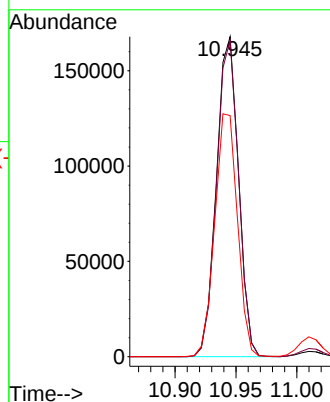
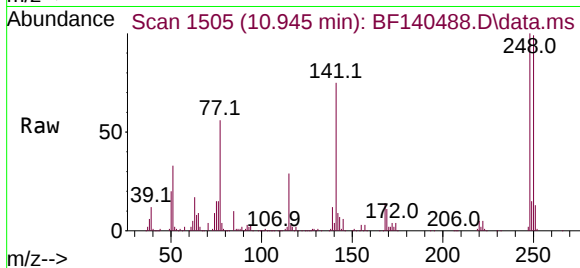
Tgt Ion:248 Resp: 211410
Ion Ratio Lower Upper
248 100
250 98.9 77.9 116.9
141 75.3 61.8 92.6

Manual Integrations

APPROVED

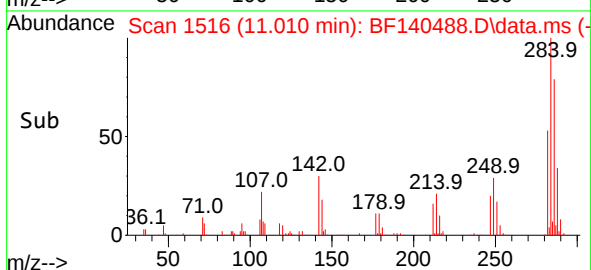
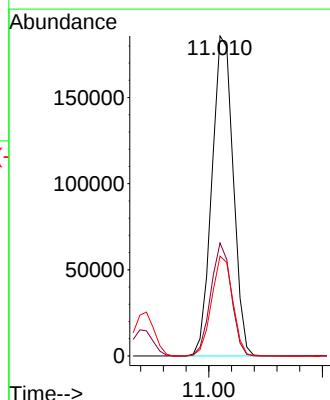
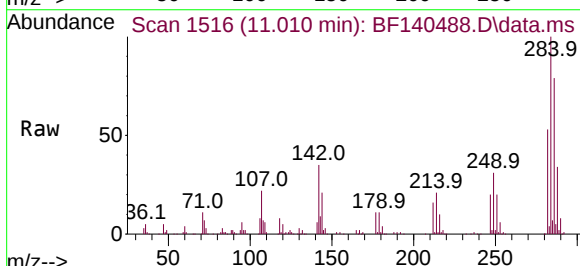
Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#68
Hexachlorobenzene
Concen: 42.150 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:284 Resp: 241874
Ion Ratio Lower Upper
284 100
142 35.3 28.1 42.1
249 31.2 24.9 37.3





#69

Atrazine

Concen: 36.762 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 16396

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

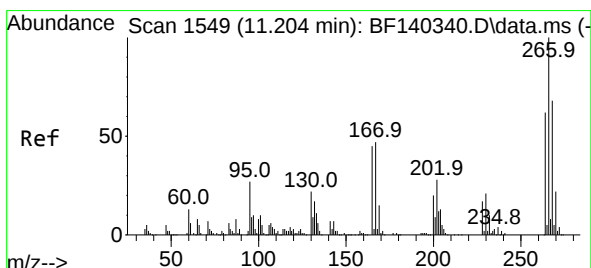
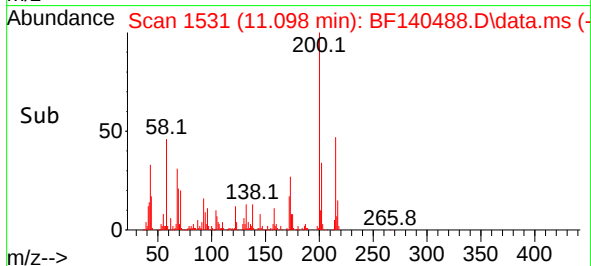
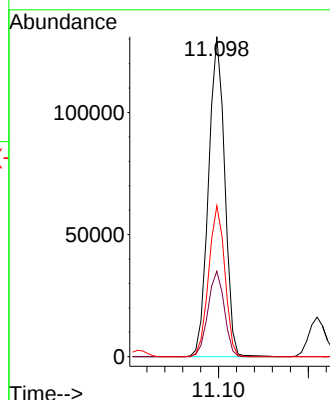
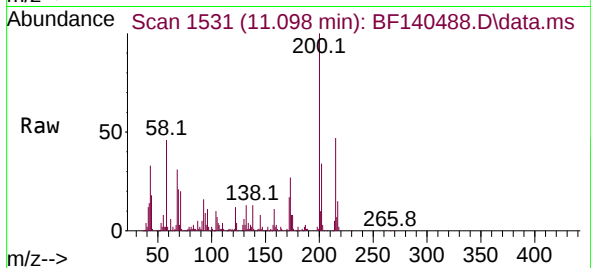
215 47.2 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#70

Pentachlorophenol

Concen: 40.153 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

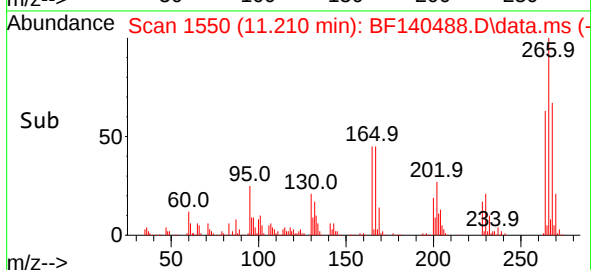
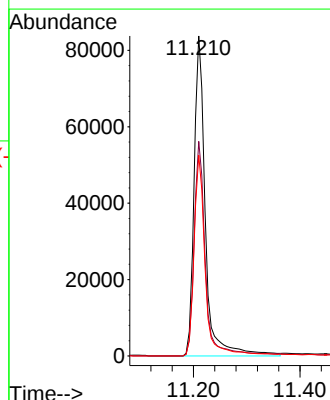
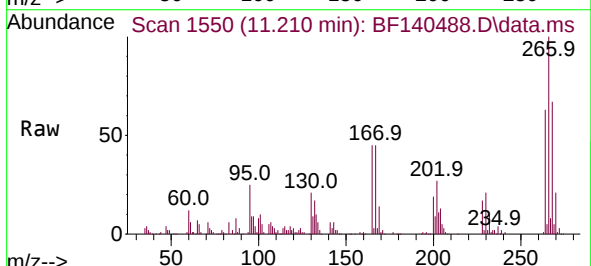
Tgt Ion:266 Resp: 124117

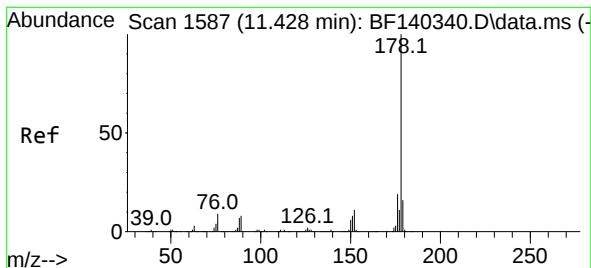
Ion Ratio Lower Upper

266 100

268 67.1 52.9 79.3

264 62.7 50.3 75.5





#71

Phenanthrene

Concen: 40.766 ng

RT: 11.427 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

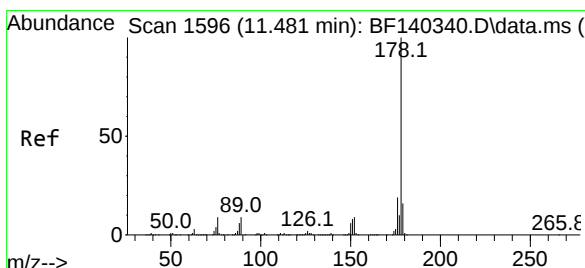
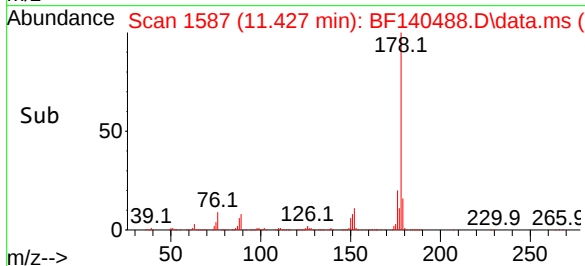
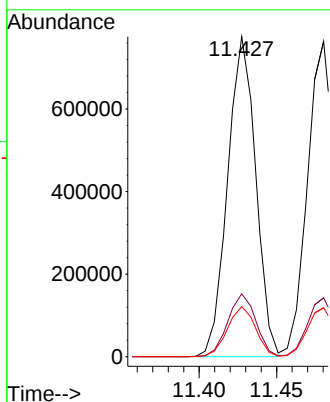
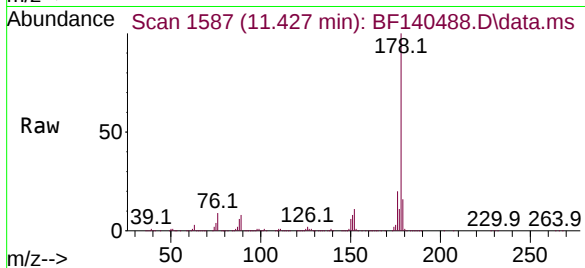
ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 977064
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 15.6 12.4 18.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024



#72

Anthracene

Concen: 40.843 ng

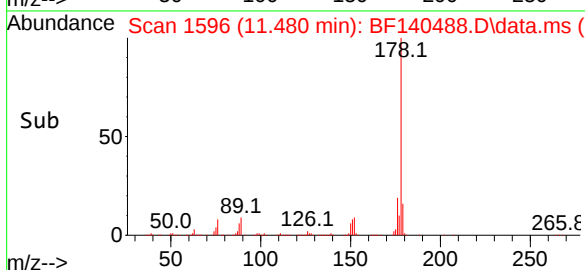
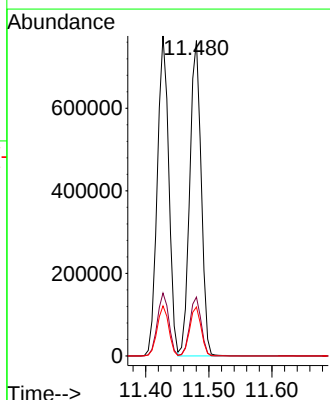
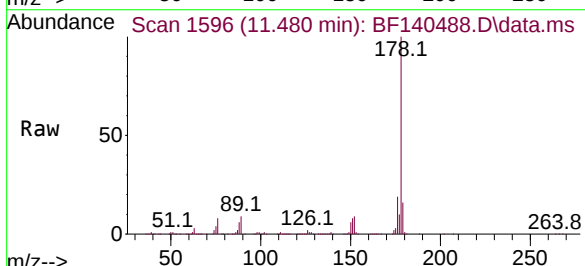
RT: 11.480 min Scan# 1596

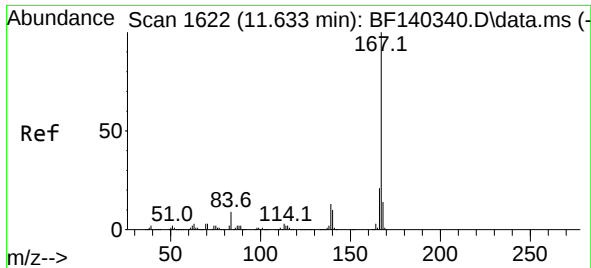
Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

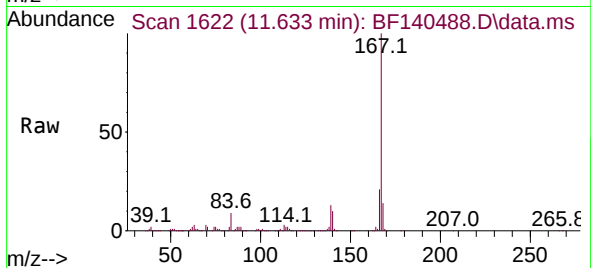
Tgt Ion:178 Resp: 959400
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.0
 179 15.5 12.6 18.8





#73
 Carbazole
 Concen: 40.444 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.000 min
 Lab File: BF140488.D
 Acq: 20 Nov 2024 09:31

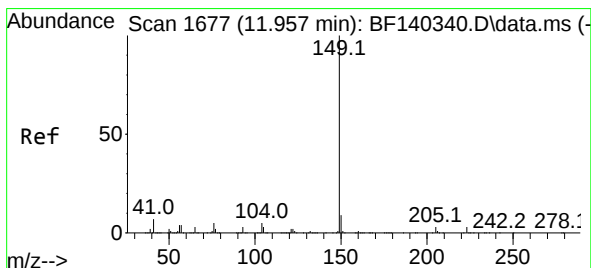
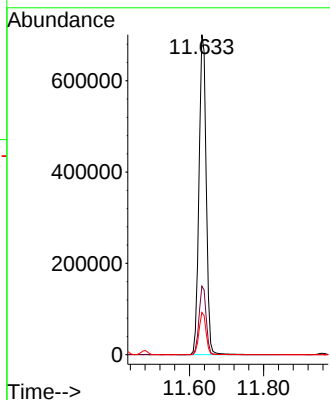
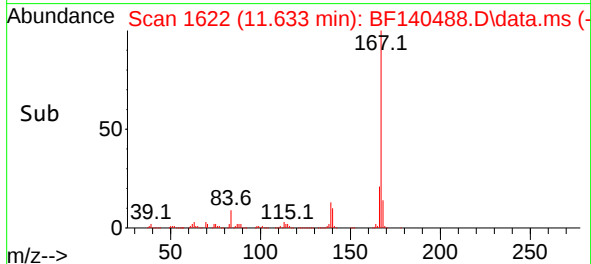
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



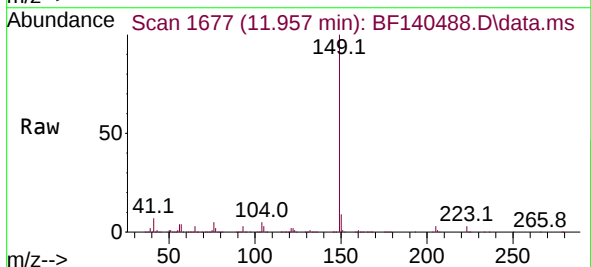
Tgt Ion:167 Resp: 938052
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.2 10.4 15.6

Manual Integrations
 APPROVED

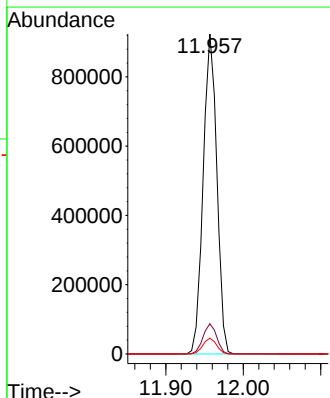
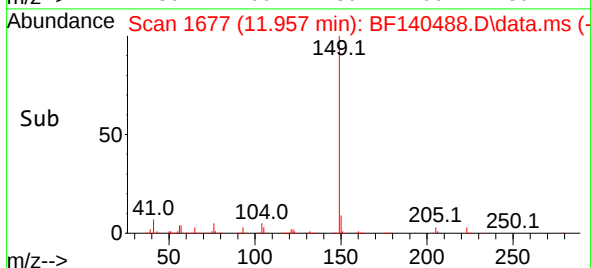
Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

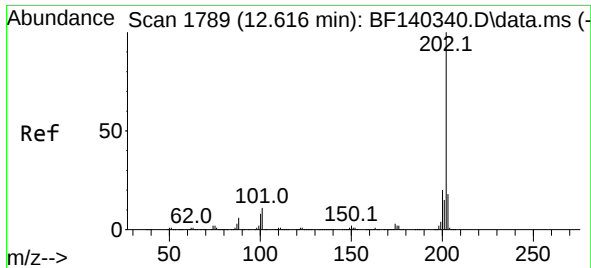


#74
 Di-n-butylphthalate
 Concen: 40.603 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF140488.D
 Acq: 20 Nov 2024 09:31



Tgt Ion:149 Resp: 1130305
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 39.468 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

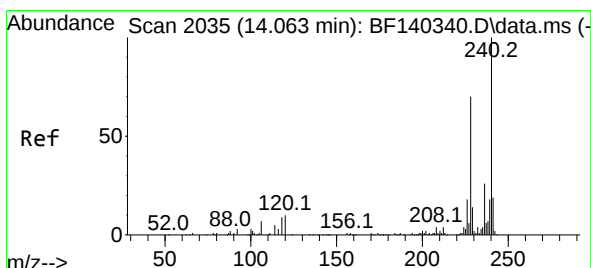
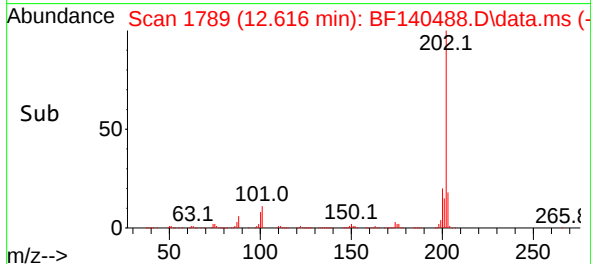
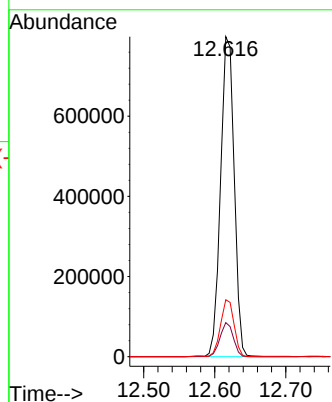
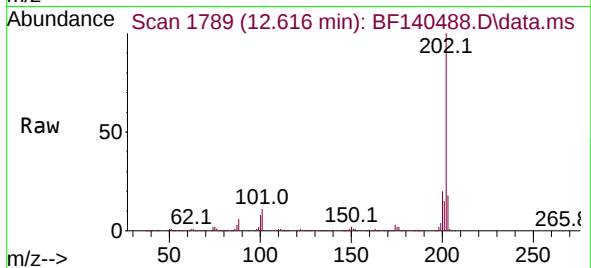
SSTDCCC040

Tgt Ion:202 Resp: 106127
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.7
203 17.8 0.0 37.7

Manual Integrations

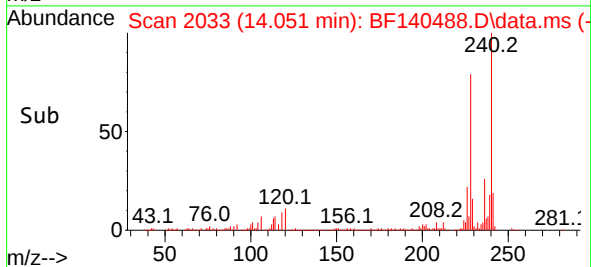
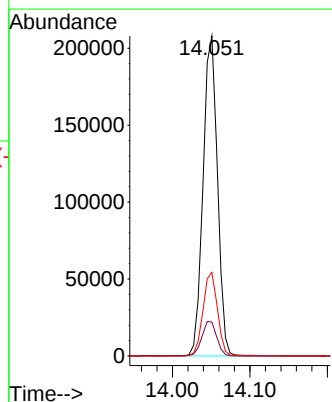
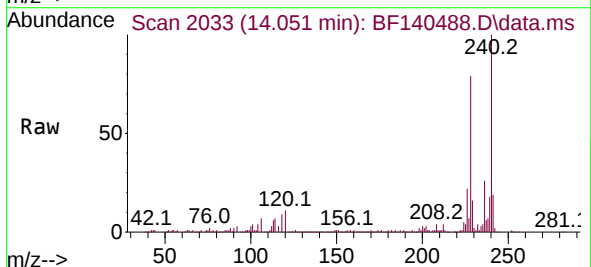
APPROVED

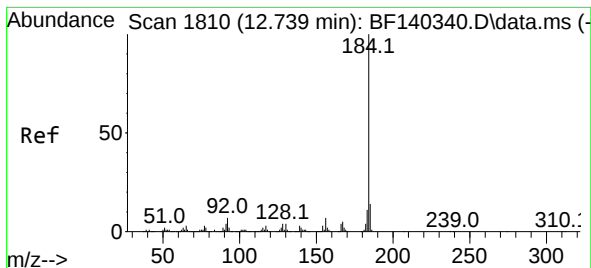
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:240 Resp: 268548
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 26.1 20.9 31.3





#77

Benzidine

Concen: 30.014 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 309358

Ion Ratio Lower Upper

184 100

185 13.6 11.9 17.9

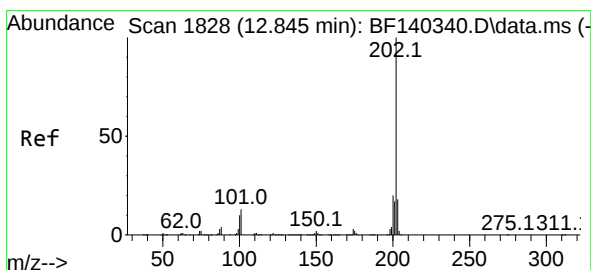
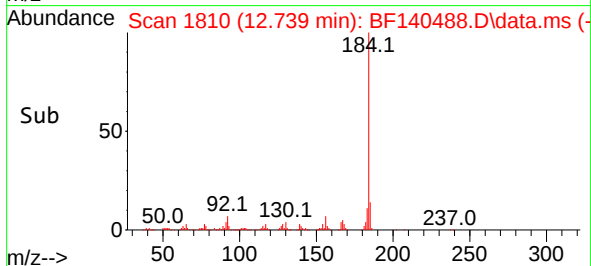
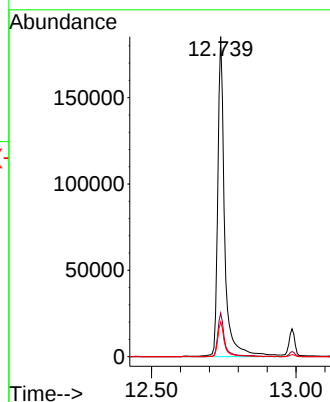
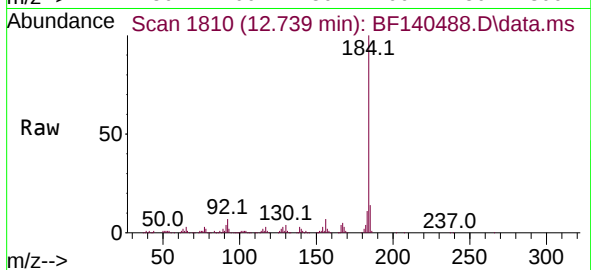
183 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#78

Pyrene

Concen: 46.608 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.000 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

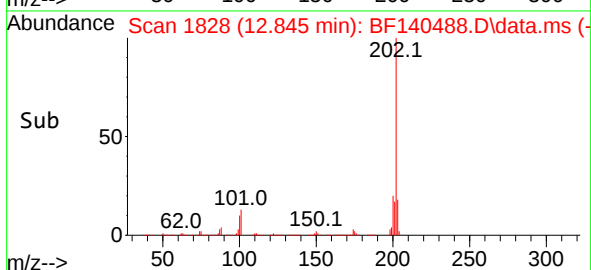
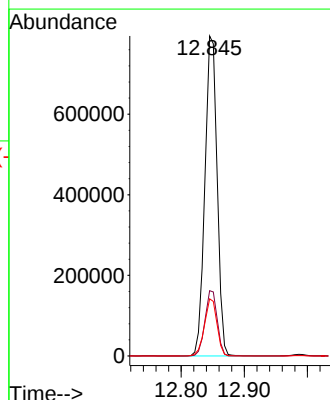
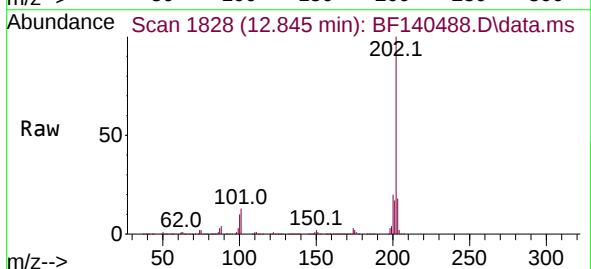
Tgt Ion:202 Resp: 1070626

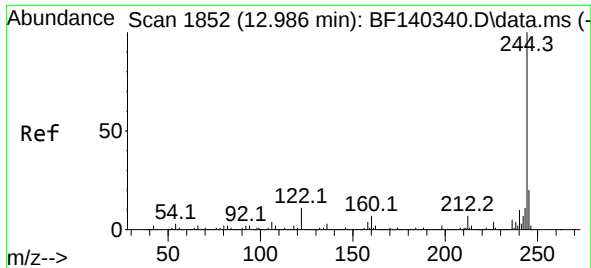
Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

203 17.8 14.2 21.4





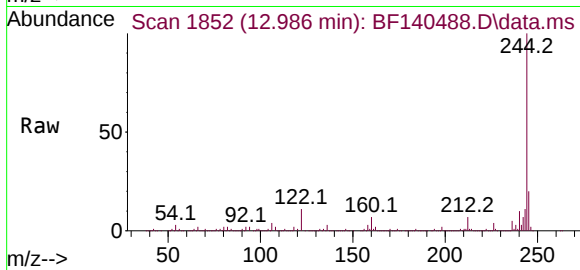
#79
 Terphenyl-d14
 Concen: 91.863 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF140488.D
 Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



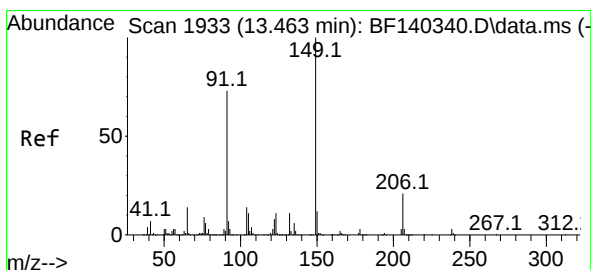
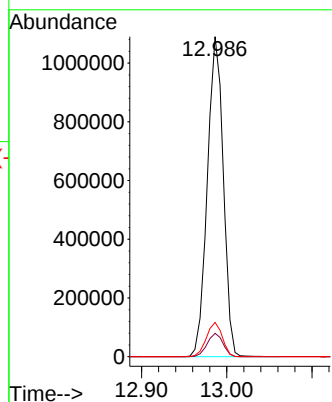
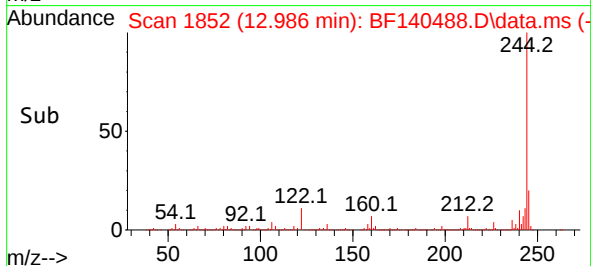
Tgt Ion:244 Resp: 1421238
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.7 8.8 13.2

Manual Integrations

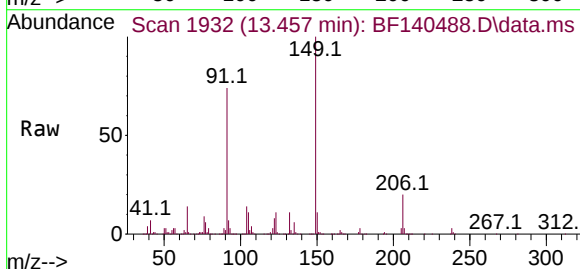
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

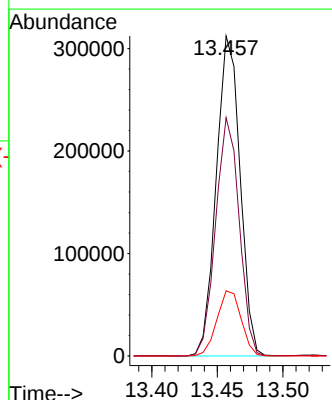
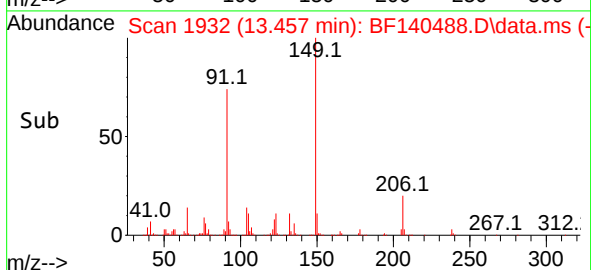
Supervised By :mohammad ahmed 11/22/2024

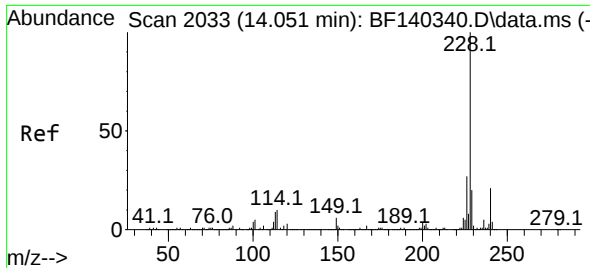


#80
 Butylbenzylphthalate
 Concen: 44.621 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.000 min
 Lab File: BF140488.D
 Acq: 20 Nov 2024 09:31



Tgt Ion:149 Resp: 393746
 Ion Ratio Lower Upper
 149 100
 91 74.5 61.0 91.4
 206 20.4 16.1 24.1





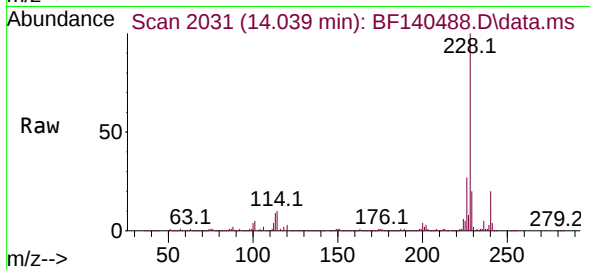
#81
Benzo(a)anthracene
Concen: 41.593 ng
RT: 14.039 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



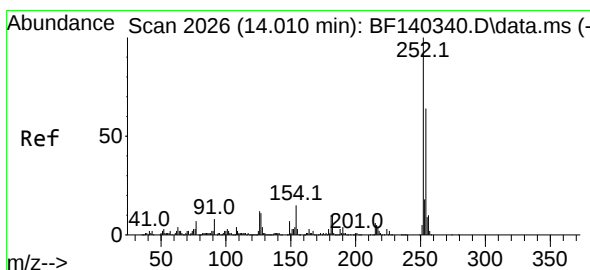
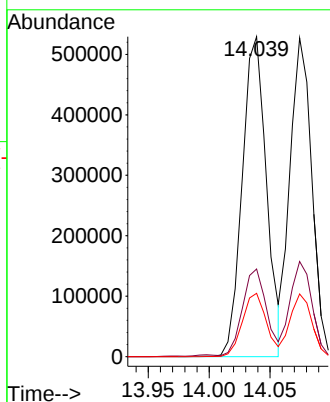
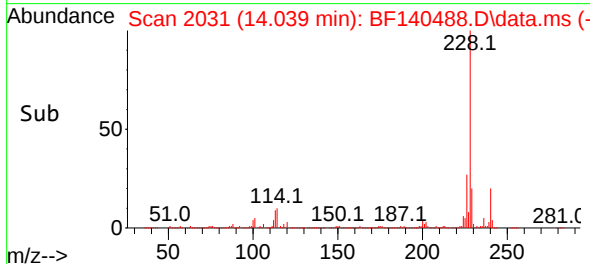
Tgt Ion:228 Resp: 734108
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.8 15.8 23.6

Manual Integrations

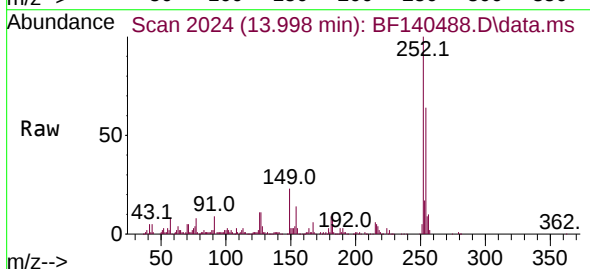
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

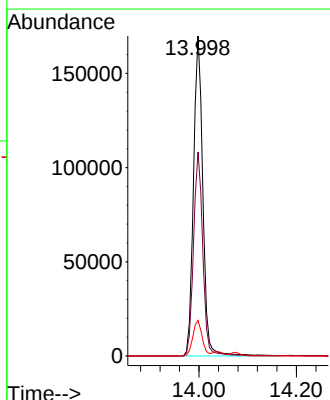
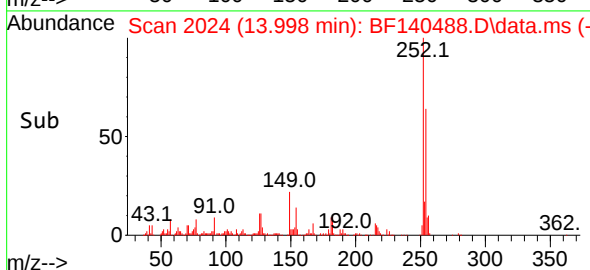
Supervised By :mohammad ahmed 11/22/2024

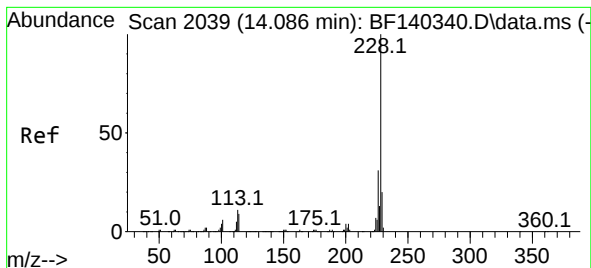


#82
3,3'-Dichlorobenzidine
Concen: 40.709 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31



Tgt Ion:252 Resp: 228373
Ion Ratio Lower Upper
252 100
254 63.7 51.4 77.2
126 11.1 9.4 14.0





#83

Chrysene

Concen: 40.986 ng

RT: 14.074 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

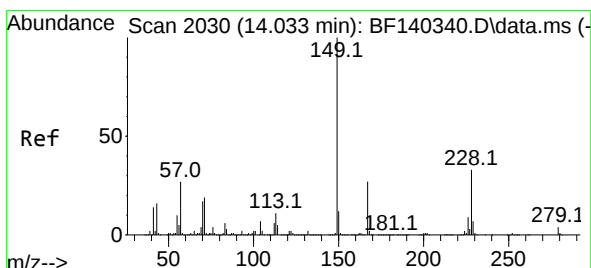
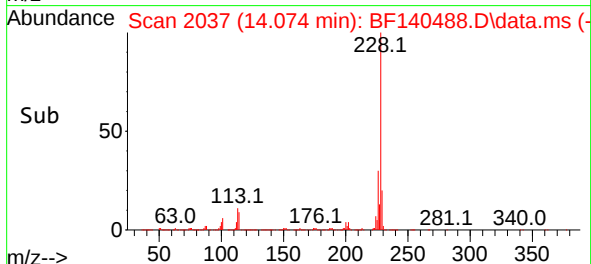
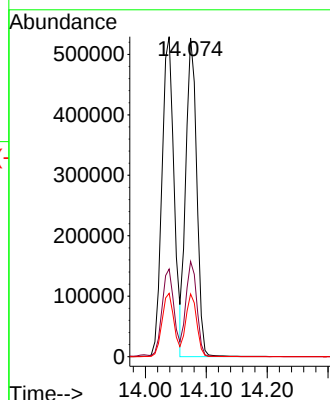
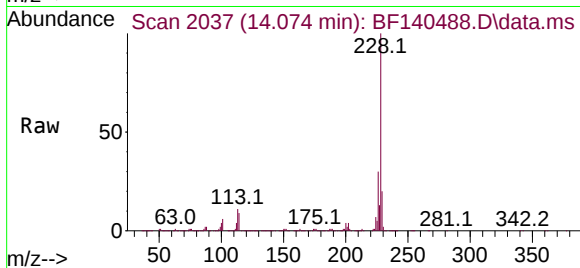
SSTDCCC040

Tgt Ion:228 Resp: 66003
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.5 36.7
 229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.823 ng

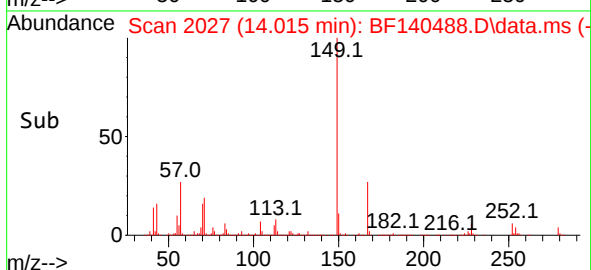
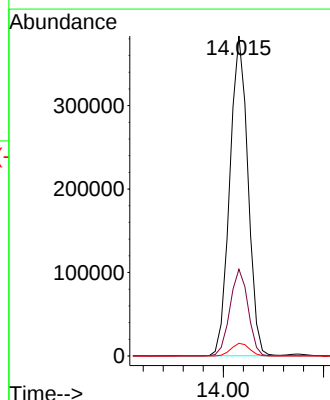
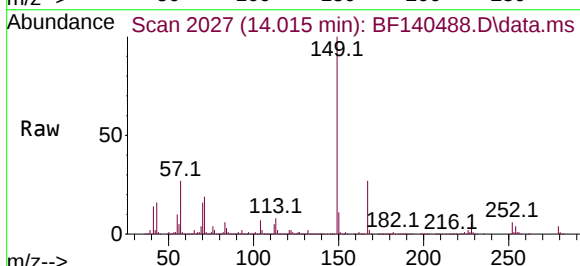
RT: 14.015 min Scan# 2027

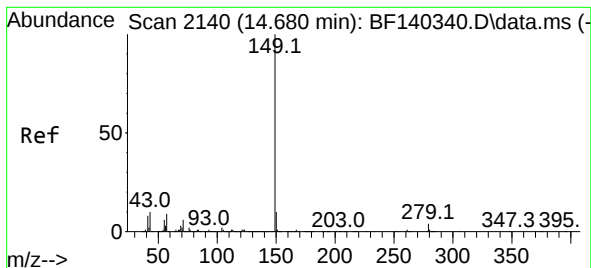
Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

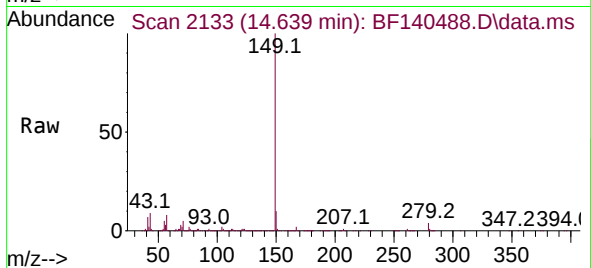
Tgt Ion:149 Resp: 480832
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.4 32.0
 279 4.0 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 38.622 ng
RT: 14.639 min Scan# 2140
Delta R.T. -0.024 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

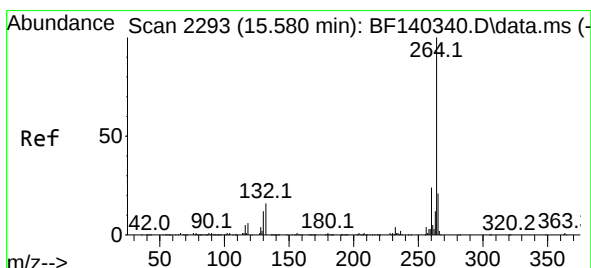
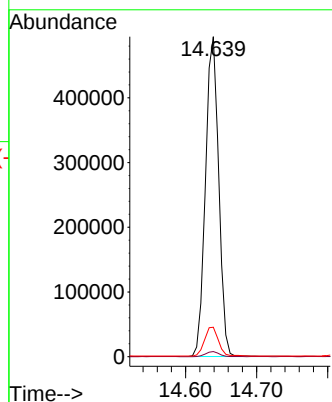
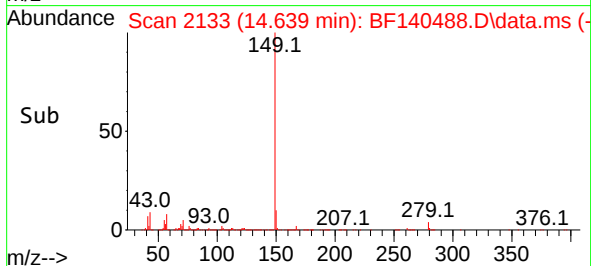
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 640680
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.6 8.0 12.0

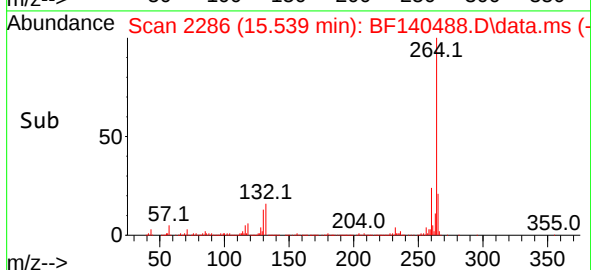
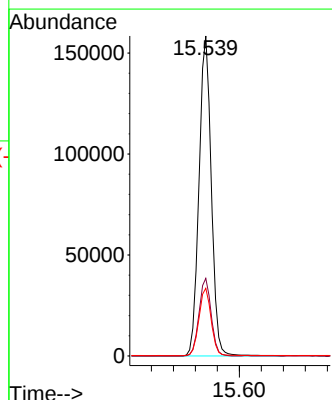
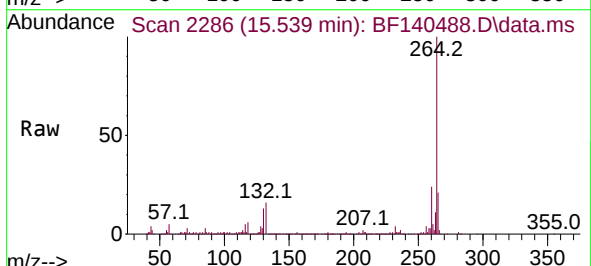
Manual Integrations
APPROVED

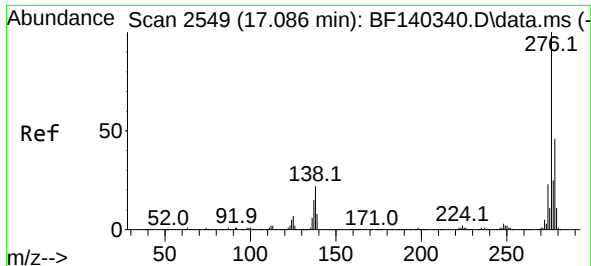
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.018 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:264 Resp: 246006
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.2 17.1 25.7





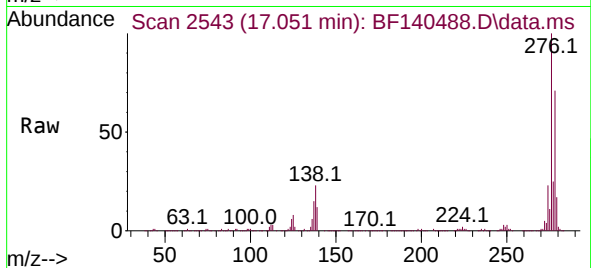
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.248 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



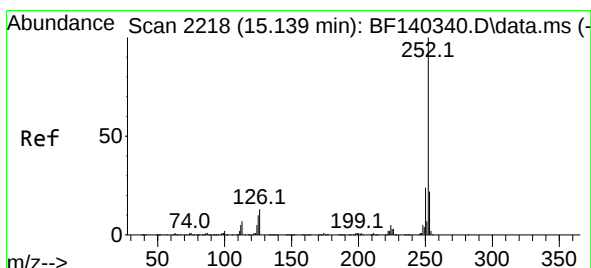
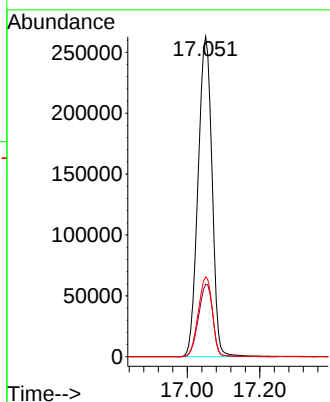
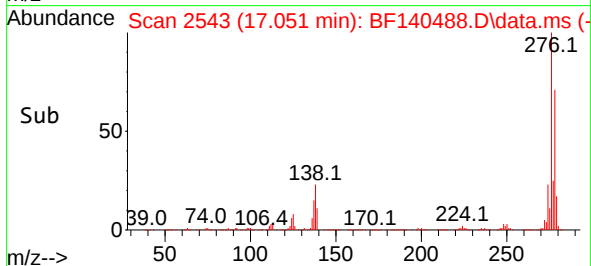
Tgt Ion:276 Resp: 70280
Ion Ratio Lower Upper
276 100
138 23.0 18.8 28.2
277 25.2 20.2 30.2

Manual Integrations

APPROVED

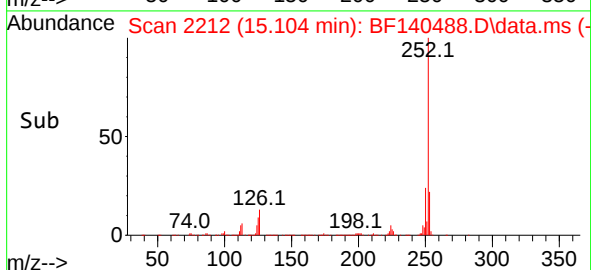
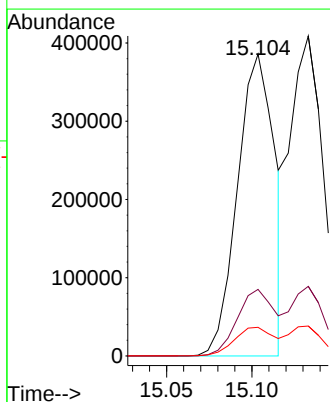
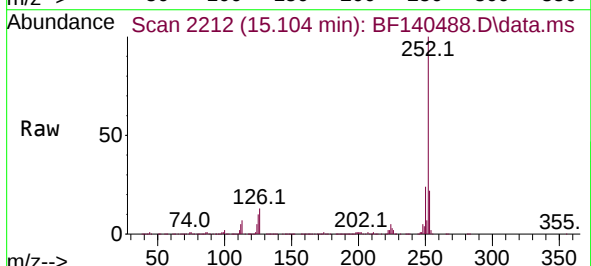
Reviewed By :Yogesh Patel 11/22/2024

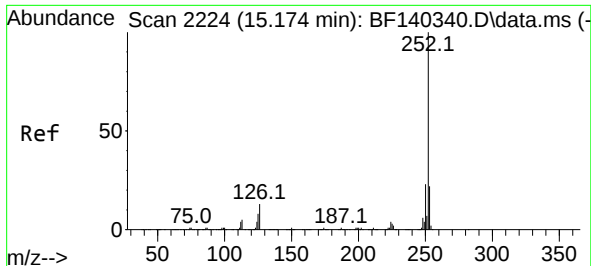
Supervised By :mohammad ahmed 11/22/2024



#88
Benzo(b)fluoranthene
Concen: 36.276 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.012 min
Lab File: BF140488.D
Acq: 20 Nov 2024 09:31

Tgt Ion:252 Resp: 583767
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 42.441 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140488.D

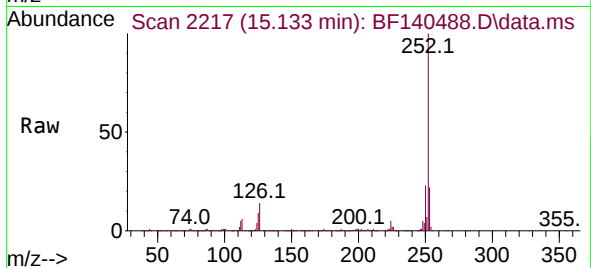
Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:252 Resp: 55794

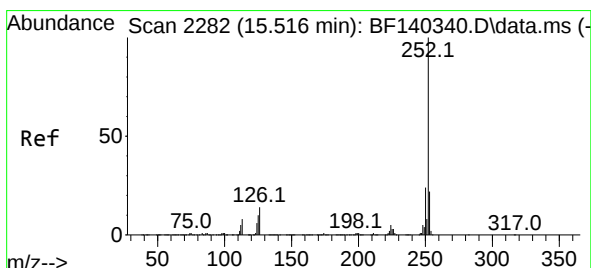
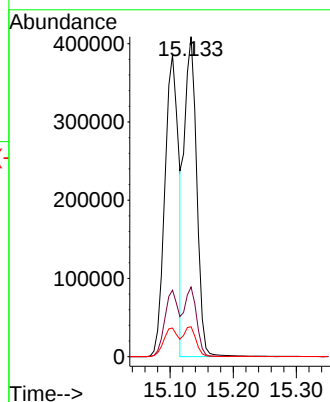
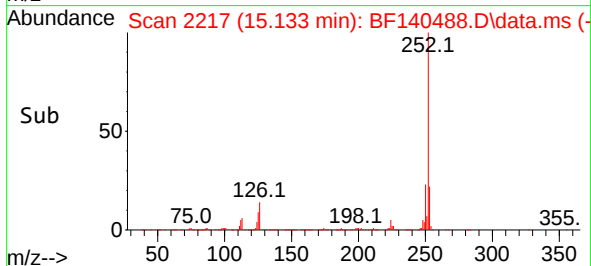
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	9.3	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#90

Benzo(a)pyrene

Concen: 41.217 ng

RT: 15.474 min Scan# 2275

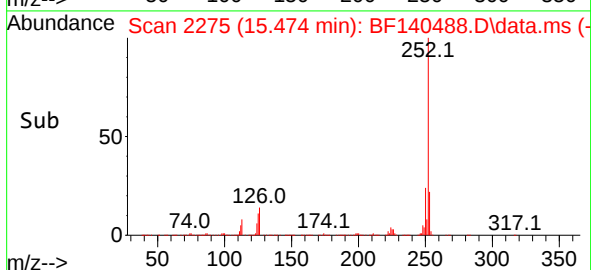
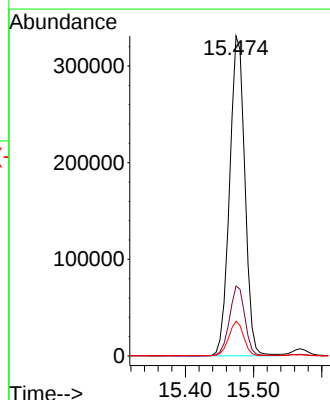
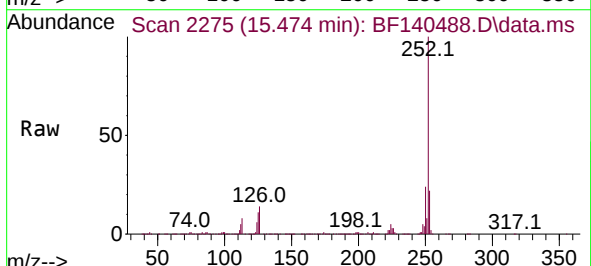
Delta R.T. -0.018 min

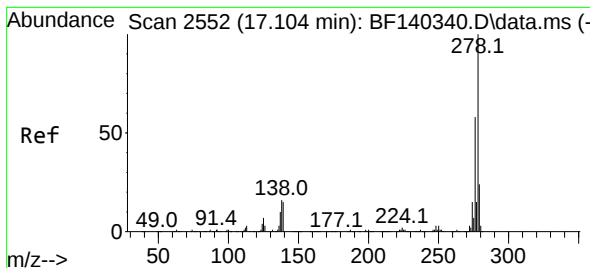
Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Tgt Ion:252 Resp: 515079

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.9	8.4	12.6





#91

Dibenzo(a,h)anthracene

Concen: 45.817 ng

RT: 17.062 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 57552

Ion Ratio Lower Upper

278 100

139 14.7 11.8 17.8

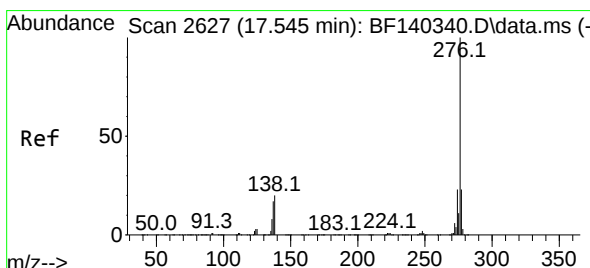
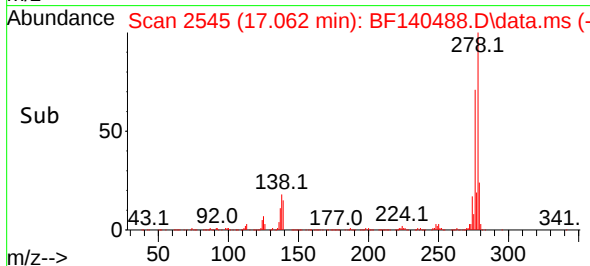
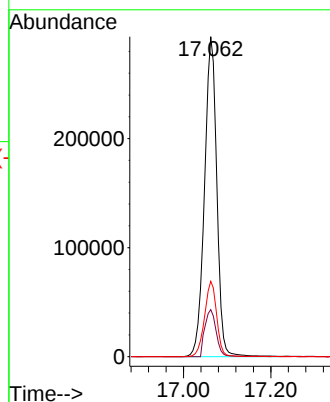
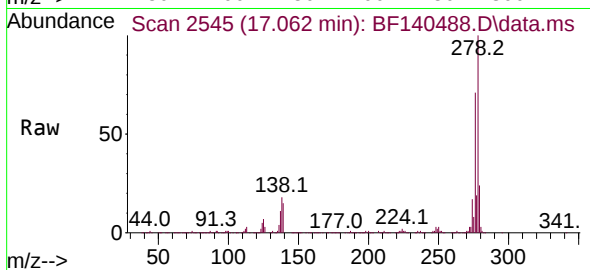
279 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#92

Benzo(g,h,i)perylene

Concen: 46.275 ng

RT: 17.509 min Scan# 2621

Delta R.T. -0.006 min

Lab File: BF140488.D

Acq: 20 Nov 2024 09:31

Tgt Ion:276 Resp: 594253

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 19.6 16.0 24.0

