

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140942.D
 Acq On : 20 Dec 2024 11:15
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 11:51:18 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Dec 16 16:59:50 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	74814	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	271589	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	162319	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	282660	20.000	ng	0.00
76) Chrysene-d12	14.033	240	164316	20.000	ng	0.00
86) Perylene-d12	15.533	264	129329	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	330518	72.726	ng	0.00
7) Phenol-d6	6.504	99	446954	74.251	ng	0.00
23) Nitrobenzene-d5	7.422	82	418009	77.004	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	139243	72.531	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	869766	73.670	ng	0.00
79) Terphenyl-d14	12.963	244	915592	87.865	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	75034	38.331	ng	95
3) Pyridine	3.399	79	176528	38.939	ng	96
4) n-Nitrosodimethylamine	3.357	42	81320	35.583	ng	89
6) Aniline	6.522	93	192218	37.347	ng	98
8) 2-Chlorophenol	6.645	128	193264	38.996	ng	98
9) Benzaldehyde	6.410	77	119045	35.692	ng	97
10) Phenol	6.522	94	233567	37.438	ng	99
11) bis(2-Chloroethyl)ether	6.587	93	173020	37.188	ng	99
12) 1,3-Dichlorobenzene	6.792	146	220709	39.082	ng	97
13) 1,4-Dichlorobenzene	6.869	146	219984	38.376	ng	99
14) 1,2-Dichlorobenzene	7.022	146	208631	38.575	ng	98
15) Benzyl Alcohol	7.004	79	161378	37.495	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	197110	35.963	ng	85
17) 2-Methylphenol	7.122	107	150732	38.095	ng	99
18) Hexachloroethane	7.357	117	77896	36.502	ng	97
19) n-Nitroso-di-n-propyla...	7.269	70	128495	35.587	ng	97
20) 3+4-Methylphenols	7.275	107	202109	38.521	ng	# 85
22) Acetophenone	7.263	105	263844	38.835	ng	95
24) Nitrobenzene	7.439	77	207460	37.305	ng	95
25) Isophorone	7.675	82	346209	38.063	ng	99
26) 2-Nitrophenol	7.751	139	107352	41.913	ng	94
27) 2,4-Dimethylphenol	7.792	122	120407	40.254	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	220781	38.864	ng	98
29) 2,4-Dichlorophenol	8.004	162	162546	39.361	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	187702	39.649	ng	98
31) Naphthalene	8.151	128	585851	39.270	ng	100
32) Benzoic acid	7.951	122	98174	34.606	ng	96
33) 4-Chloroaniline	8.210	127	194369	39.228	ng	97
34) Hexachlorobutadiene	8.263	225	121955	38.289	ng	100
35) Caprolactam	8.598	113	45564	37.061	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	173656	37.361	ng	100
37) 2-Methylnaphthalene	8.845	142	377796	38.282	ng	99
38) 1-Methylnaphthalene	8.945	142	368550	37.761	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	186337	37.349	ng	99
41) Hexachlorocyclopentadiene	8.992	237	38088	34.773	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	110669	36.226	ng	99

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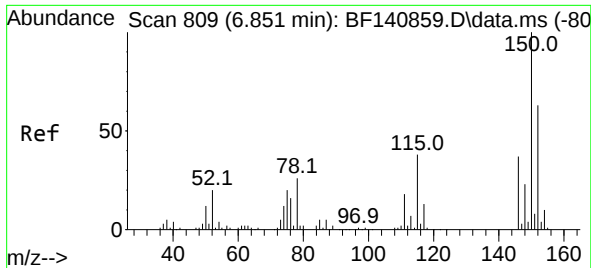
Quant Time: Dec 20 11:51:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

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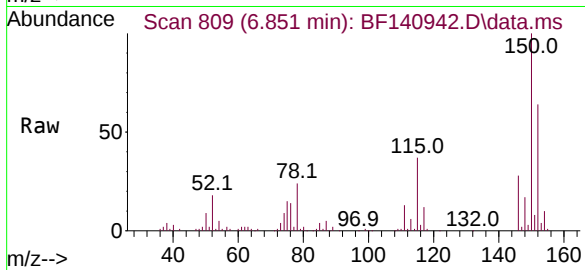
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	119664	35.638	ng	98
46) 1,1'-Biphenyl	9.310	154	483766	37.480	ng	99
47) 2-Chloronaphthalene	9.334	162	374124	37.889	ng	100
48) 2-Nitroaniline	9.439	65	105588	35.406	ng	92
49) Acenaphthylene	9.751	152	565101	38.943	ng	100
50) Dimethylphthalate	9.604	163	425243	37.159	ng	99
51) 2,6-Dinitrotoluene	9.681	165	103210	39.451	ng	92
52) Acenaphthene	9.922	154	359395	38.772	ng	100
53) 3-Nitroaniline	9.857	138	102644	39.535	ng	93
54) 2,4-Dinitrophenol	9.981	184	41330	36.272	ng	92
55) Dibenzofuran	10.092	168	545976	38.012	ng	99
56) 4-Nitrophenol	10.051	139	46328	35.773	ng	93
57) 2,4-Dinitrotoluene	10.092	165	132579	38.516	ng	94
58) Fluorene	10.439	166	440079	37.139	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	101821	37.214	ng	91
60) Diethylphthalate	10.304	149	426443	35.936	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	221428	37.200	ng	98
62) 4-Nitroaniline	10.475	138	100590m	37.076	ng	
63) Azobenzene	10.586	77	384375	34.454	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	64499	40.269	ng	95
66) n-Nitrosodiphenylamine	10.545	169	371501	42.748	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	129825	41.055	ng	96
68) Hexachlorobenzene	10.992	284	149493	41.697	ng	96
69) Atrazine	11.075	200	81196	33.453	ng	97
70) Pentachlorophenol	11.198	266	43633	33.287	ng	97
71) Phenanthrene	11.404	178	554743	38.164	ng	99
72) Anthracene	11.457	178	555785	38.826	ng	99
73) Carbazole	11.616	167	539092	38.449	ng	100
74) Di-n-butylphthalate	11.927	149	665945	40.470	ng	99
75) Fluoranthene	12.598	202	612458	36.586	ng	99
77) Benzidine	12.722	184	115361	34.399	ng	99
78) Pyrene	12.827	202	625636	42.817	ng	99
80) Butylbenzylphthalate	13.433	149	207238	38.545	ng	96
81) Benzo(a)anthracene	14.021	228	445495	38.254	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	128185	36.483	ng	97
83) Chrysene	14.063	228	420365	39.695	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	259339	37.409	ng	100
85) Di-n-octyl phthalate	14.616	149	336272	32.062	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	415125	51.437	ng	99
88) Benzo(b)fluoranthene	15.098	252	341178	38.004	ng	99
89) Benzo(k)fluoranthene	15.121	252	290595	37.736	ng	99
90) Benzo(a)pyrene	15.468	252	275845	39.241	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	345181	51.627	ng	98
92) Benzo(g,h,i)perylene	17.509	276	330062	48.503	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

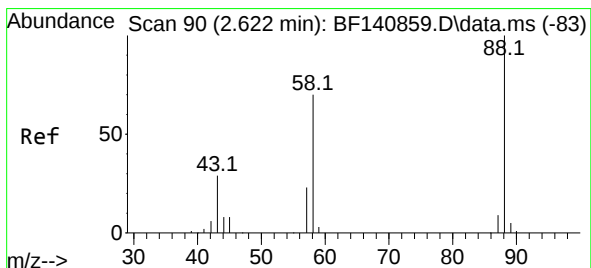
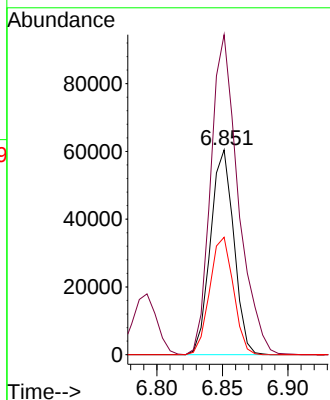
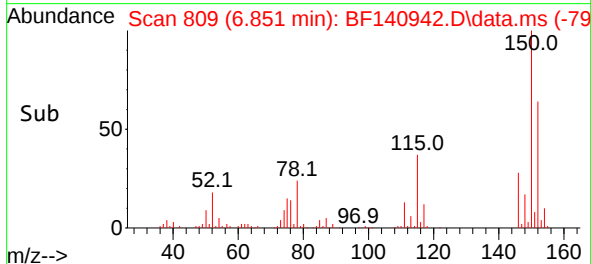
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 74814
Ion Ratio Lower Upper
152 100
150 156.2 127.9 191.9
115 57.3 48.0 72.0

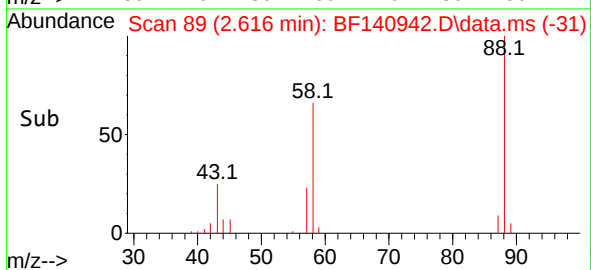
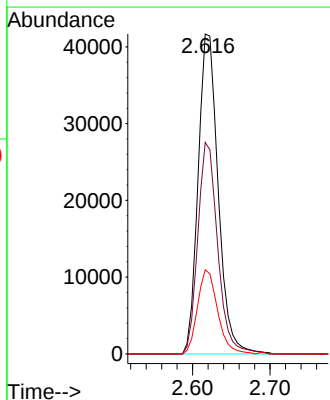
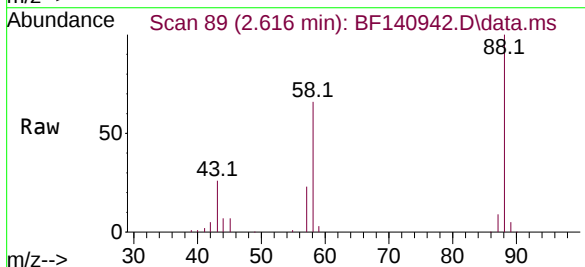
Manual Integrations
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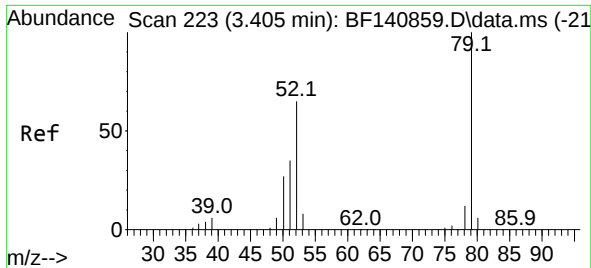
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#2
1,4-Dioxane
Concen: 38.331 ng
RT: 2.616 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion: 88 Resp: 75034
Ion Ratio Lower Upper
88 100
58 65.4 55.8 83.8
43 26.3 22.7 34.1





#3
Pyridine
Concen: 38.939 ng
RT: 3.399 min Scan# 215
Delta R.T. -0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

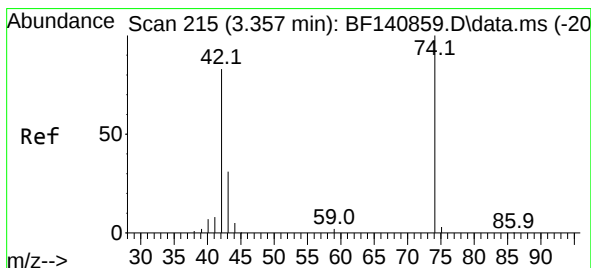
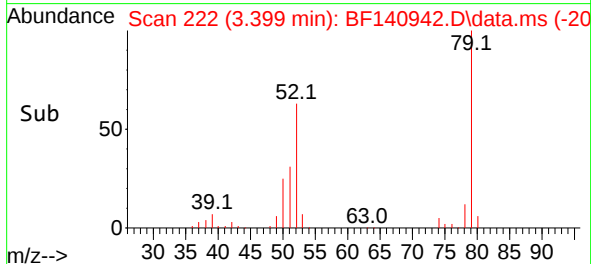
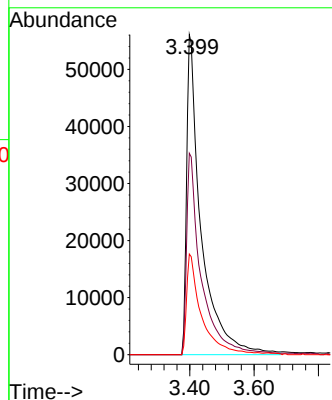
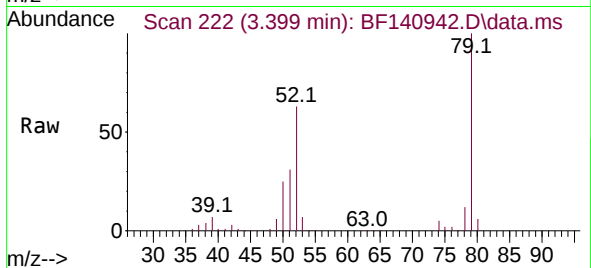
SSTDCCC040

Tgt Ion: 79 Resp: 176528
Ion Ratio Lower Upper
79 100
52 62.9 51.7 77.5
51 31.4 28.2 42.4

Manual Integrations

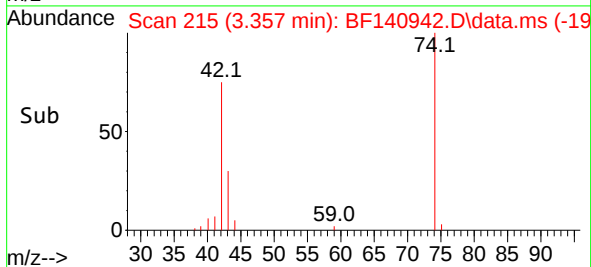
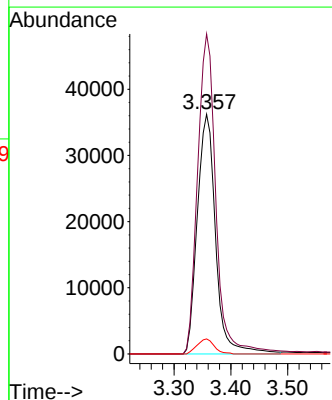
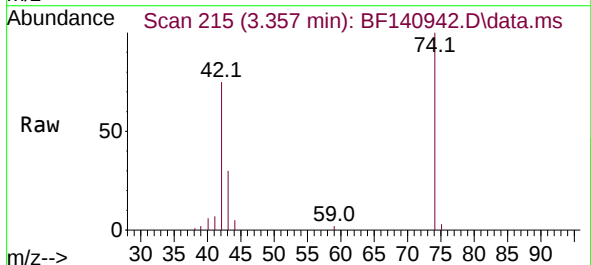
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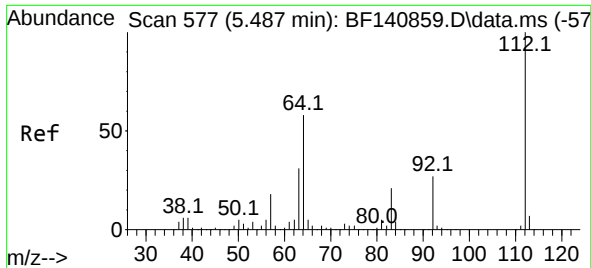
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#4
n-Nitrosodimethylamine
Concen: 35.583 ng
RT: 3.357 min Scan# 215
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion: 42 Resp: 81320
Ion Ratio Lower Upper
42 100
74 133.5 96.9 145.3
44 6.3 4.4 6.6





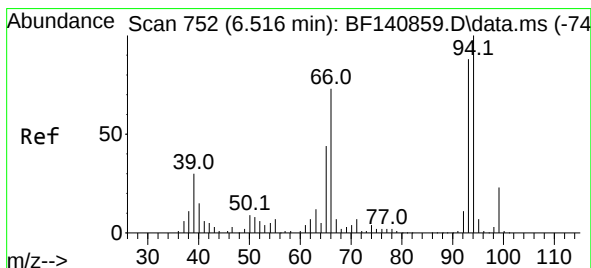
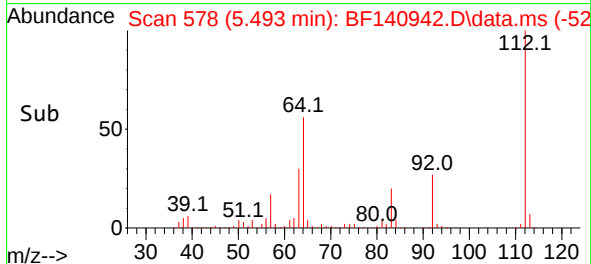
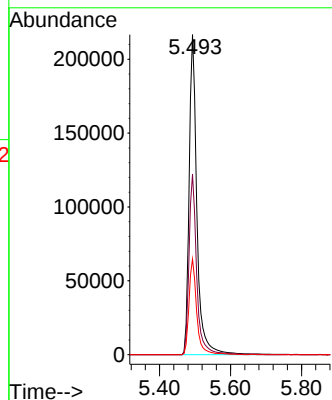
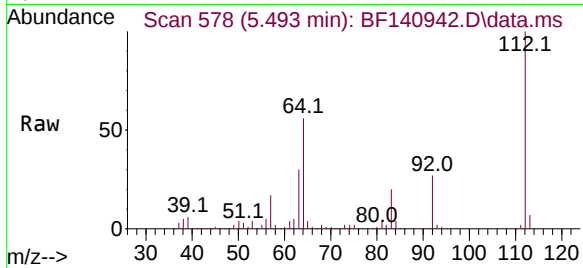
#5
2-Fluorophenol
Concen: 72.726 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 330518
Ion Ratio Lower Upper
112 100
64 56.4 46.1 69.1
63 29.9 24.9 37.3

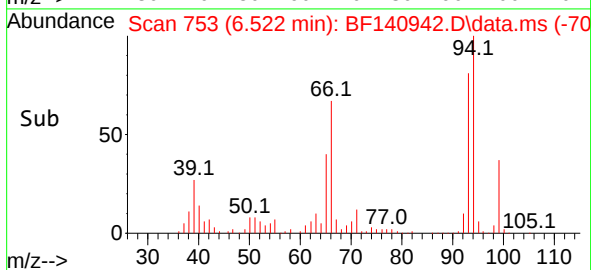
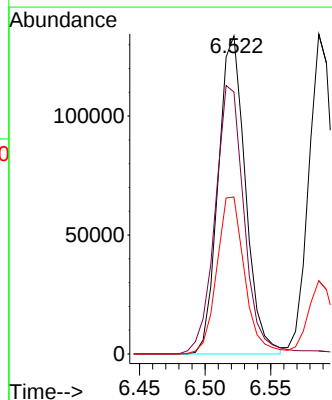
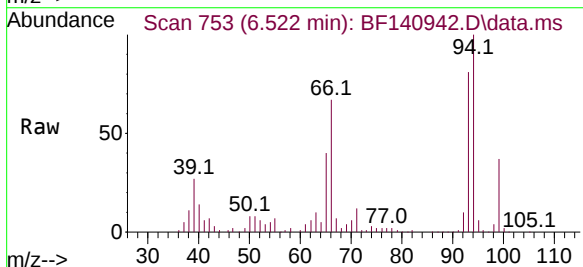
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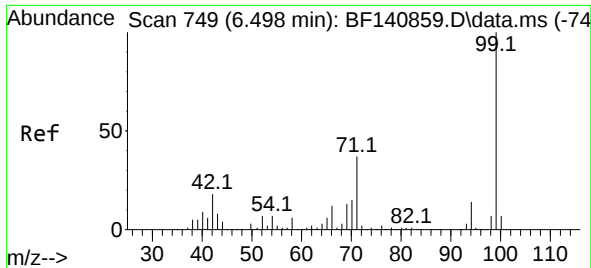
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#6
Aniline
Concen: 37.347 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion: 93 Resp: 192218
Ion Ratio Lower Upper
93 100
66 82.4 67.0 100.4
65 49.4 40.4 60.6





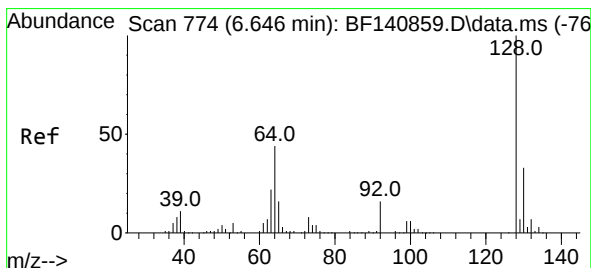
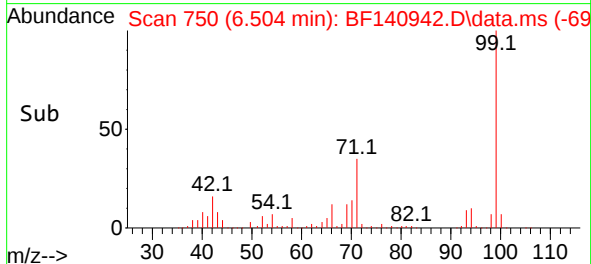
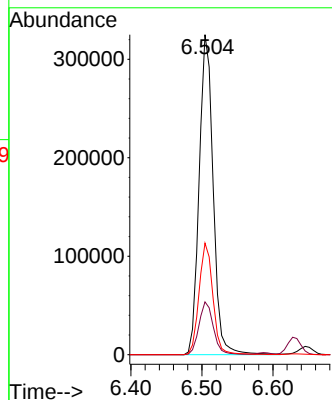
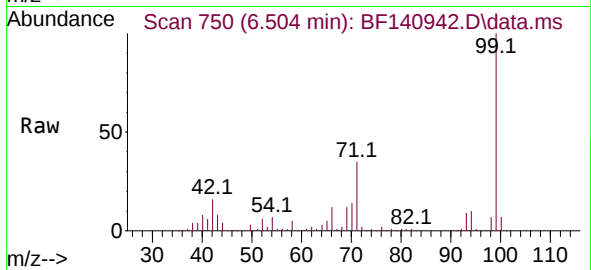
#7
Phenol-d6
Concen: 74.251 ng
RT: 6.504 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 446954
Ion Ratio Lower Upper
99 100
42 16.5 14.3 21.5
71 34.8 29.9 44.9

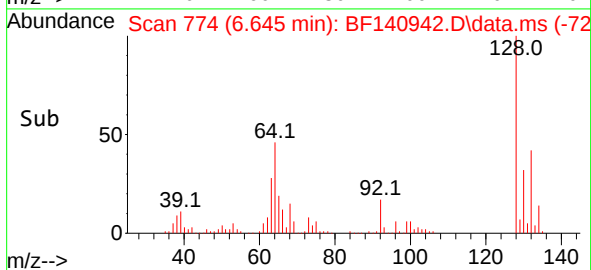
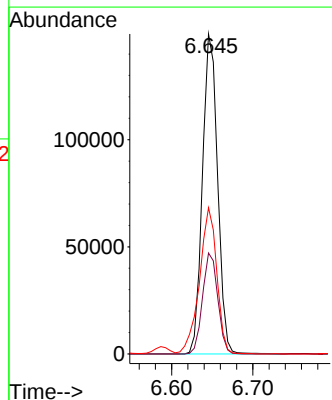
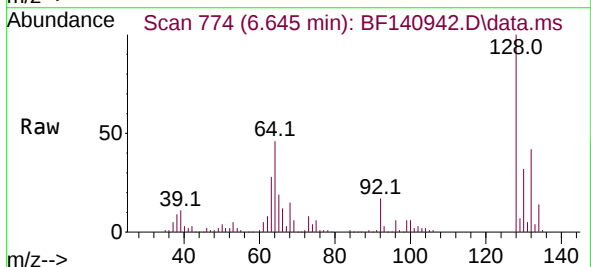
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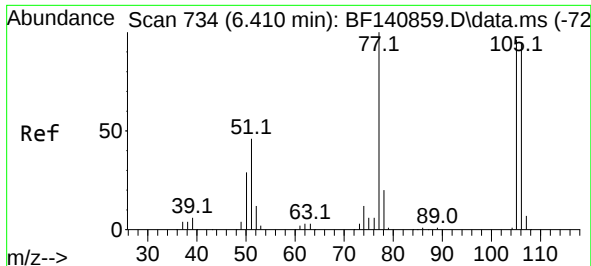
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#8
2-Chlorophenol
Concen: 38.996 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion:128 Resp: 193264
Ion Ratio Lower Upper
128 100
130 31.6 12.9 52.9
64 45.7 24.3 64.3





#9

Benzaldehyde

Concen: 35.692 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

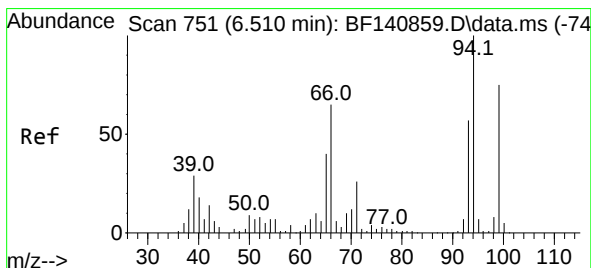
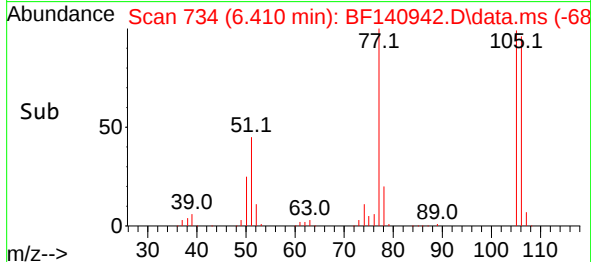
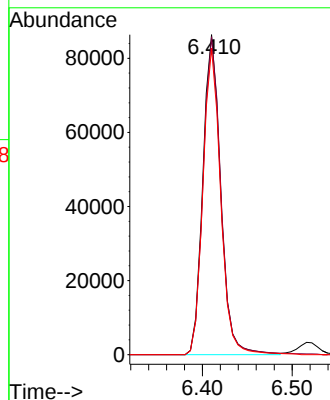
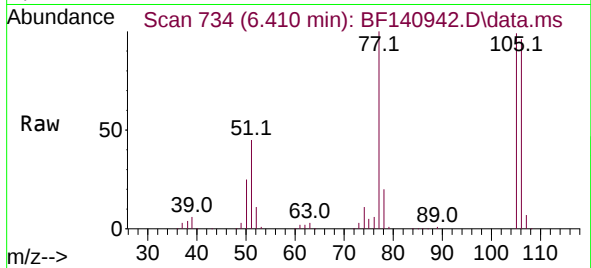
Tgt Ion: 77 Resp: 119045

Ion	Ratio	Lower	Upper
77	100		
105	99.3	75.8	115.8
106	95.7	74.1	114.1

Manual Integrations

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#10

Phenol

Concen: 37.438 ng

RT: 6.522 min Scan# 753

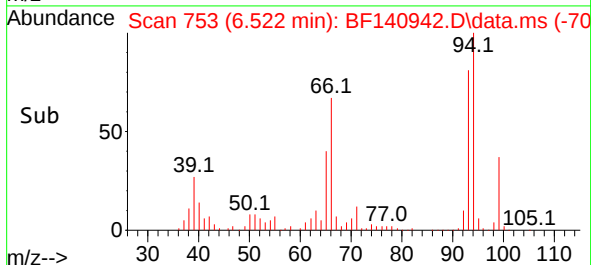
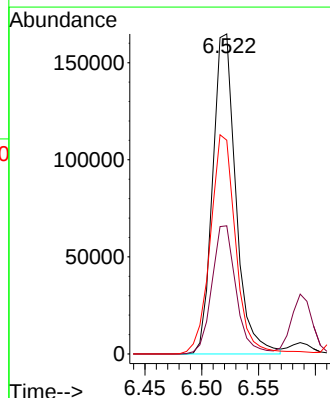
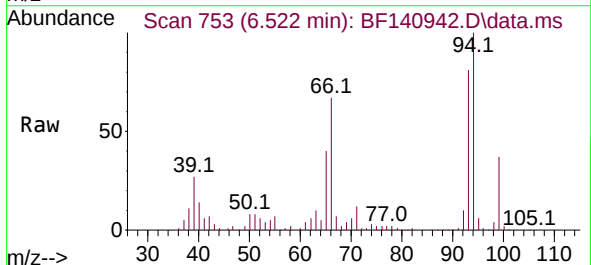
Delta R.T. 0.012 min

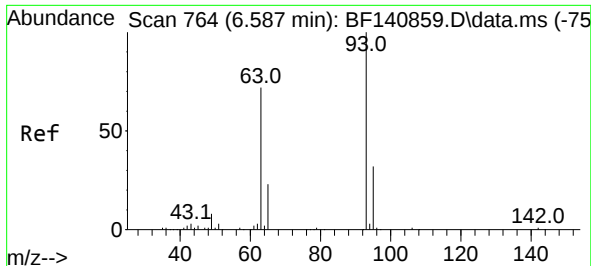
Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Tgt Ion: 94 Resp: 233567

Ion	Ratio	Lower	Upper
94	100		
65	40.0	19.9	59.9
66	66.8	45.6	85.6





#11
bis(2-Chloroethyl)ether
Concen: 37.188 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

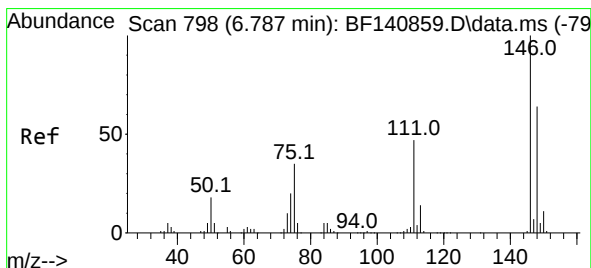
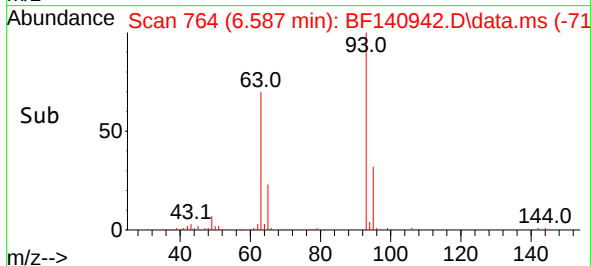
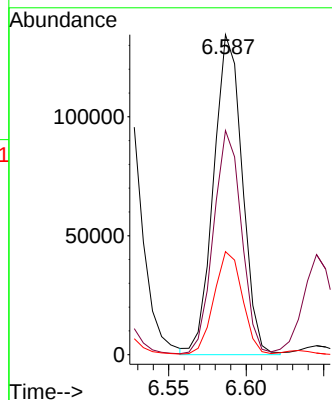
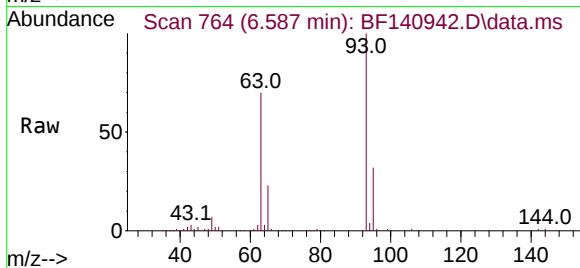
SSTDCCC040

Tgt Ion: 93 Resp: 173020
Ion Ratio Lower Upper
93 100
63 70.0 51.0 91.0
95 32.2 12.0 52.0

Manual Integrations

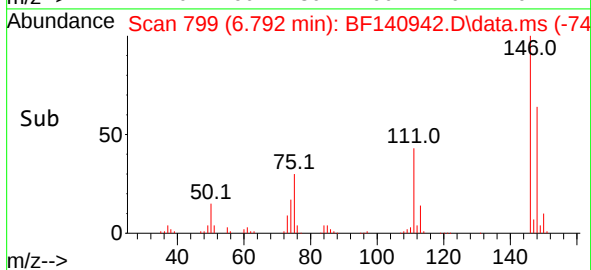
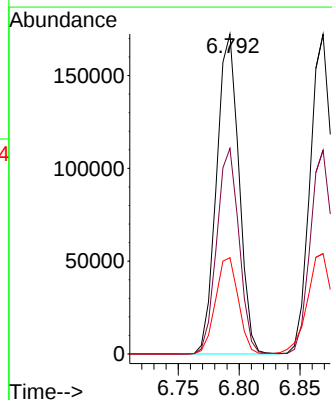
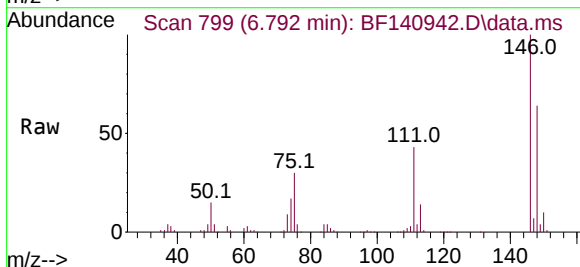
APPROVED

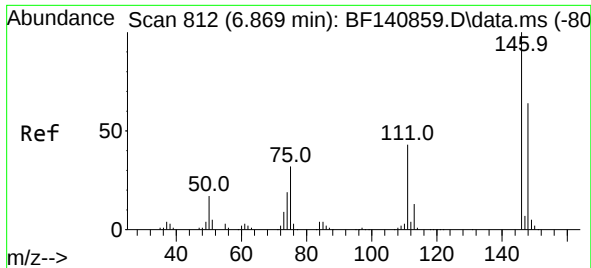
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
1,3-Dichlorobenzene
Concen: 39.082 ng
RT: 6.792 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion:146 Resp: 220709
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
75 30.1 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 38.376 ng

RT: 6.869 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

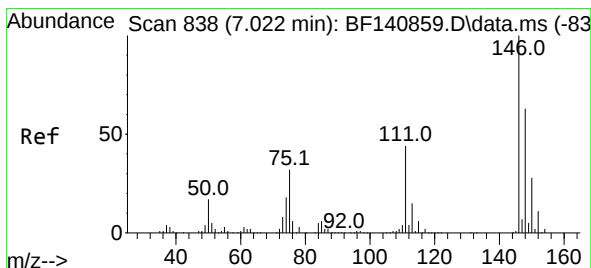
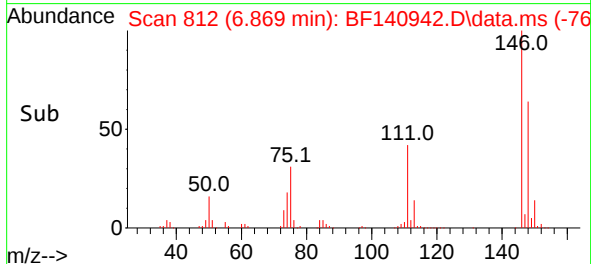
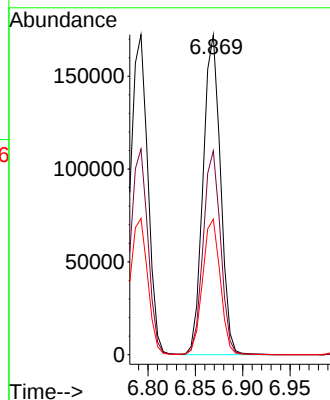
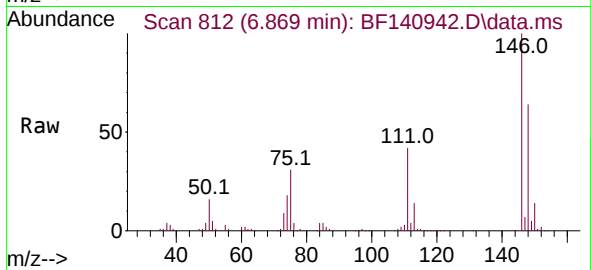
Tgt Ion:146 Resp: 219984

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
111	42.4	34.4	51.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#14

1,2-Dichlorobenzene

Concen: 38.575 ng

RT: 7.022 min Scan# 838

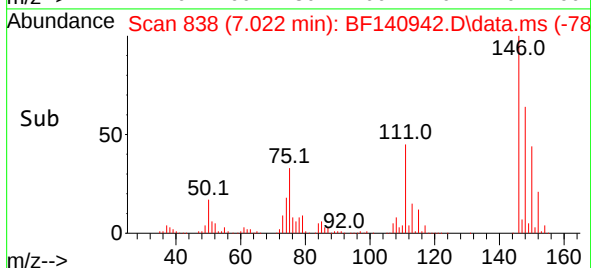
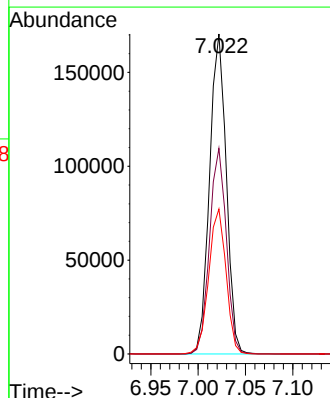
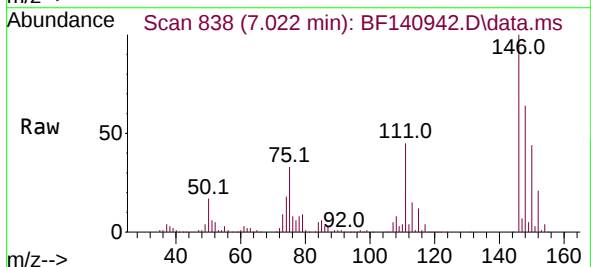
Delta R.T. -0.000 min

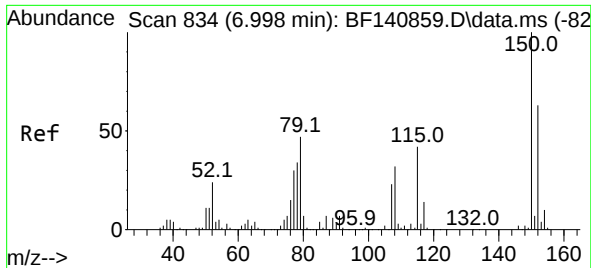
Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Tgt Ion:146 Resp: 208631

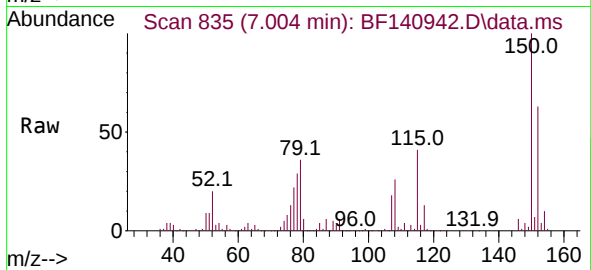
Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.0	75.0
111	45.3	35.6	53.4





#15
Benzyl Alcohol
Concen: 37.495 ng
RT: 7.004 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

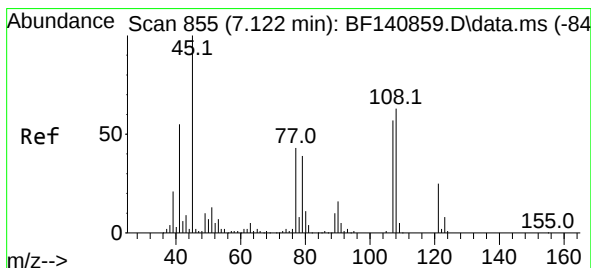
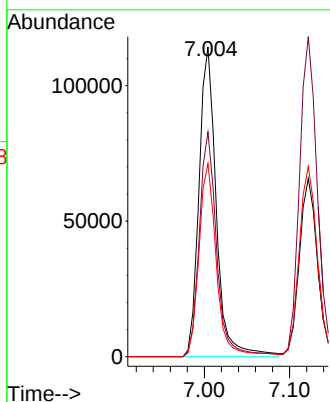
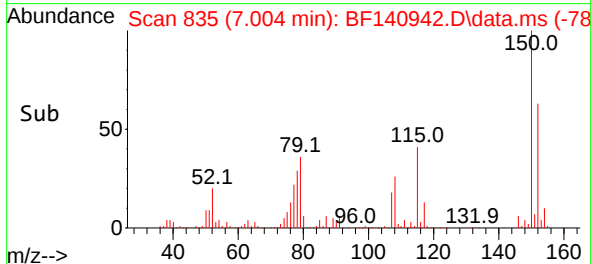
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



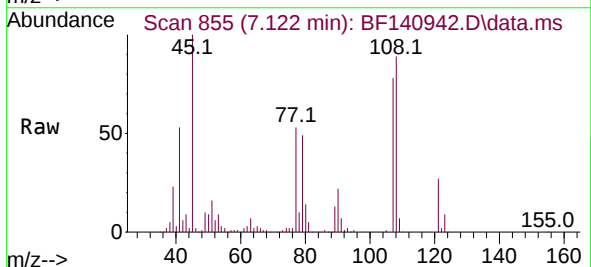
Tgt Ion: 79 Resp: 161378
Ion Ratio Lower Upper
79 100
108 72.5 55.1 82.7
77 62.3 50.6 76.0

Manual Integrations
APPROVED

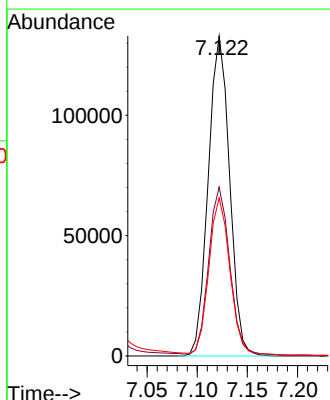
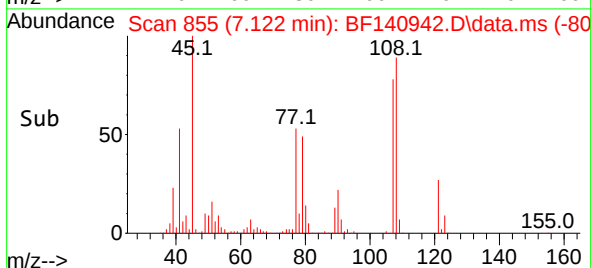
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

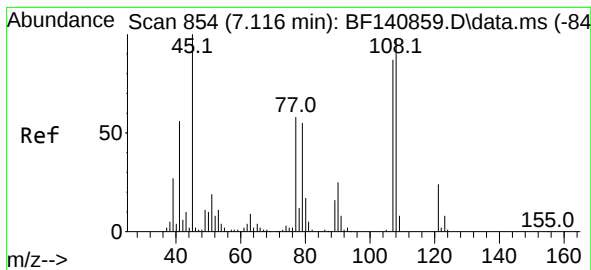


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.963 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15



Tgt Ion: 45 Resp: 197110
Ion Ratio Lower Upper
45 100
77 52.7 23.3 63.3
79 49.4 20.0 60.0





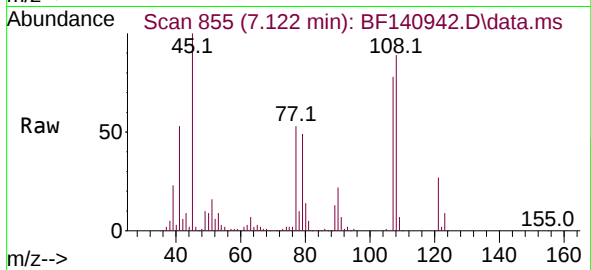
#17
2-Methylphenol
Concen: 38.095 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

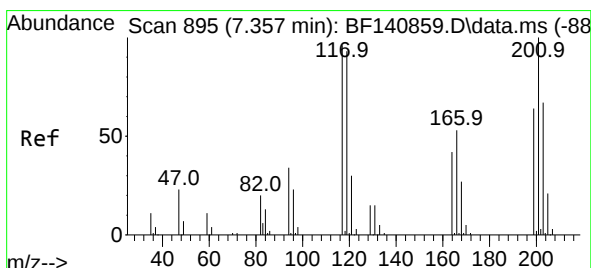
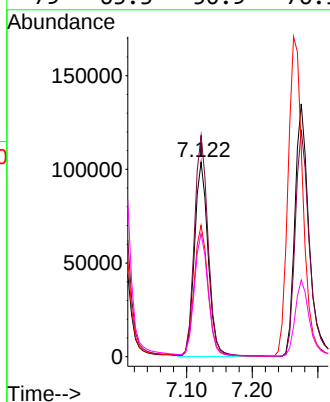
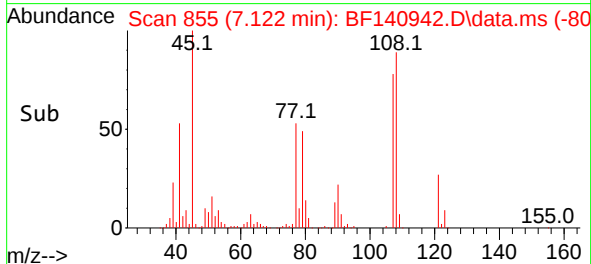


Tgt Ion:107 Resp: 150732
Ion Ratio Lower Upper
107 100
108 113.7 90.2 135.4
77 67.6 53.8 80.6
79 63.3 50.9 76.3

Manual Integrations

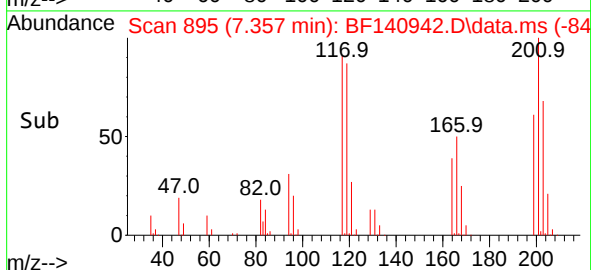
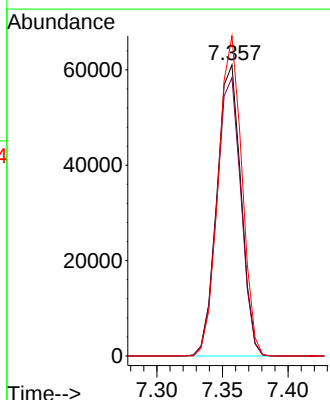
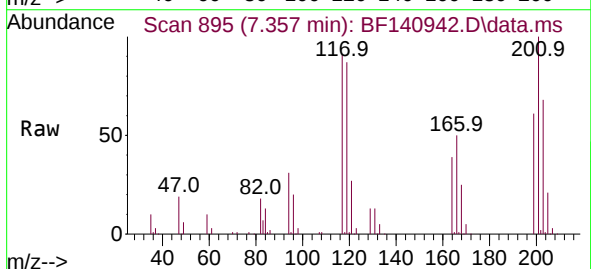
APPROVED

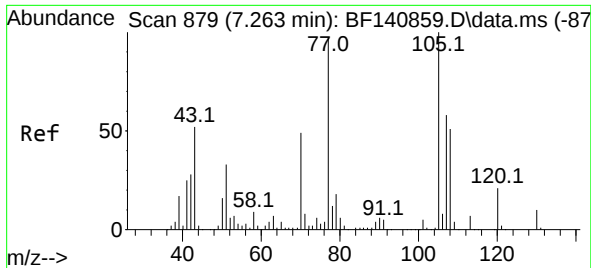
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#18
Hexachloroethane
Concen: 36.502 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion:117 Resp: 77896
Ion Ratio Lower Upper
117 100
119 95.6 77.4 116.0
201 109.9 83.4 125.0





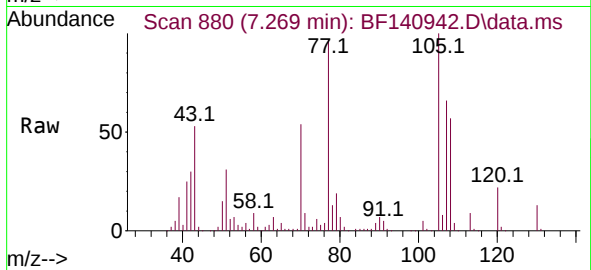
#19
n-Nitroso-di-n-propylamine
Concen: 35.587 ng
RT: 7.269 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

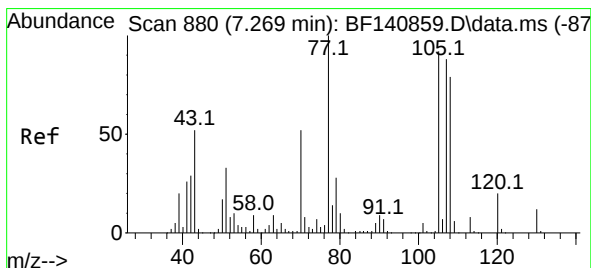
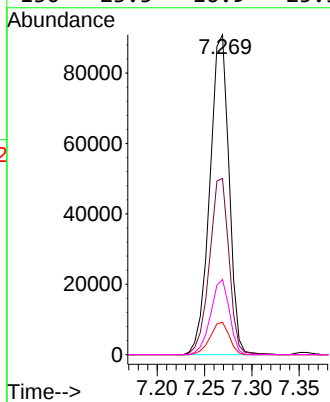
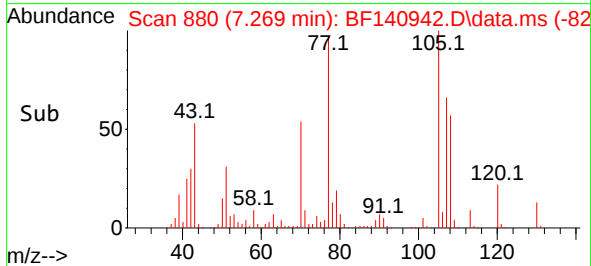


Tgt Ion: 70 Resp: 12849
Ion Ratio Lower Upper
70 100
42 55.1 45.3 67.9
101 10.1 8.0 12.0
130 23.5 16.9 25.3

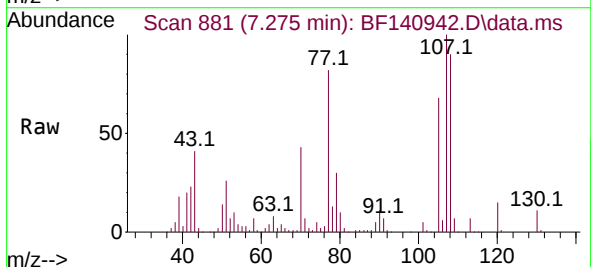
Manual Integrations

APPROVED

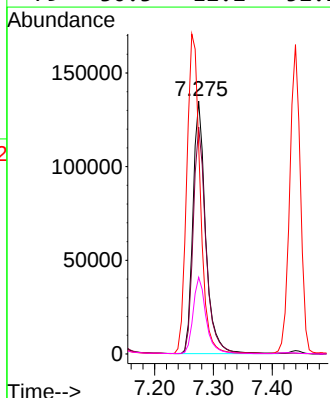
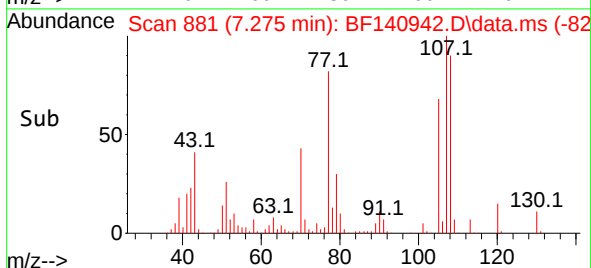
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

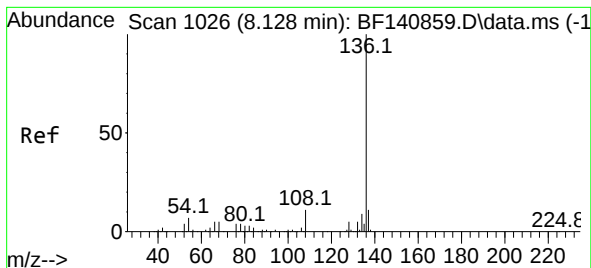


#20
3+4-Methylphenols
Concen: 38.521 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15



Tgt Ion:107 Resp: 202109
Ion Ratio Lower Upper
107 100
108 89.8 70.1 110.1
77 82.4 94.4 134.4#
79 30.3 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.134 min Scan# 1026

Delta R.T. 0.006 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

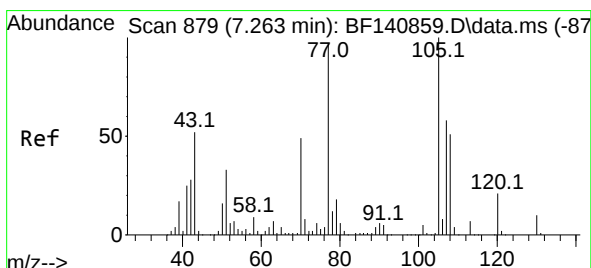
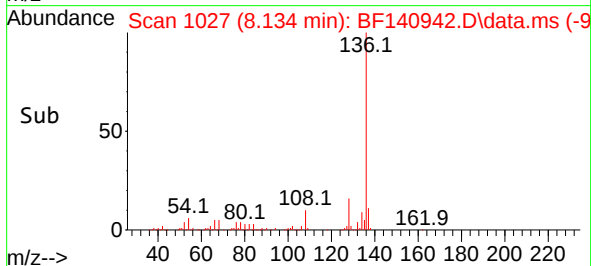
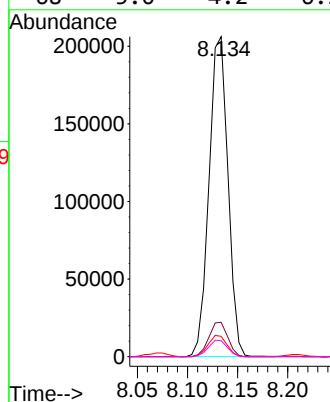
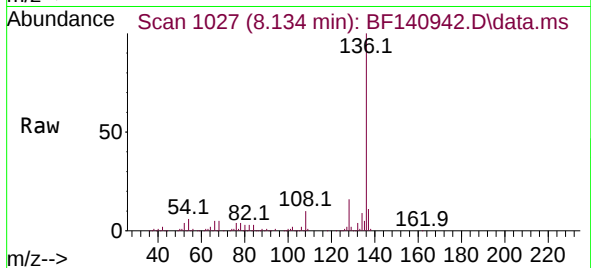
SSTDCCC040

Tgt Ion:136	Resp: 271589
Ion Ratio	Lower Upper
136 100	
137 10.8	9.0 13.4
54 6.3	5.6 8.4
68 5.0	4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#22

Acetophenone

Concen: 38.835 ng

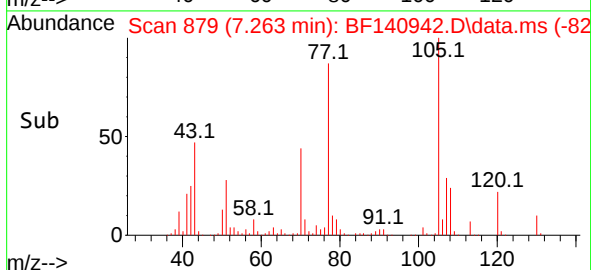
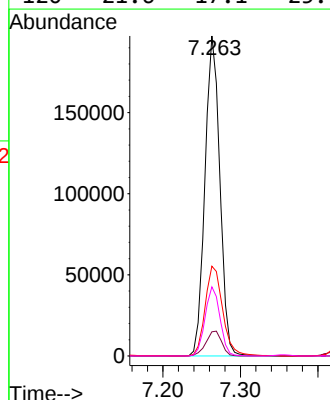
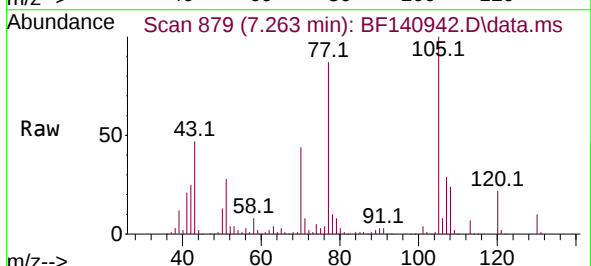
RT: 7.263 min Scan# 879

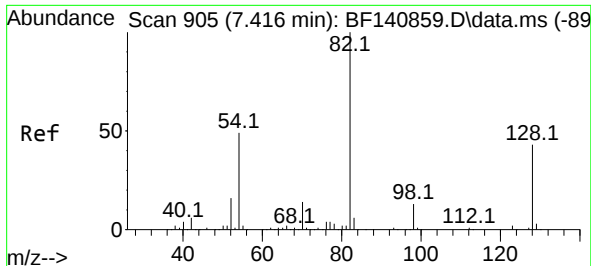
Delta R.T. -0.000 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Tgt Ion:105	Resp: 263844
Ion Ratio	Lower Upper
105 100	
71 7.5	6.2 9.4
51 28.1	26.3 39.5
120 21.6	17.1 25.7





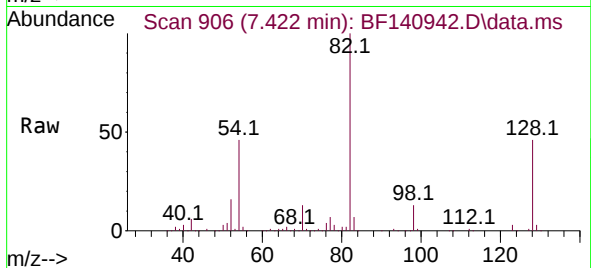
#23
Nitrobenzene-d5
Concen: 77.004 ng
RT: 7.422 min Scan# 905
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

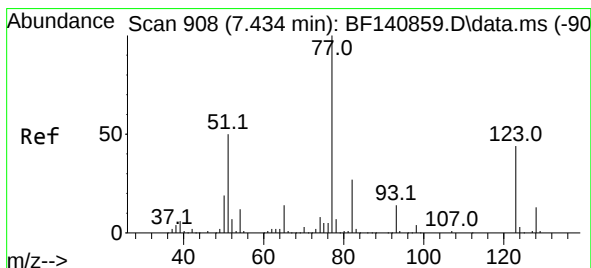
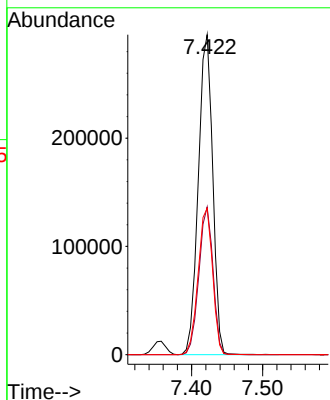
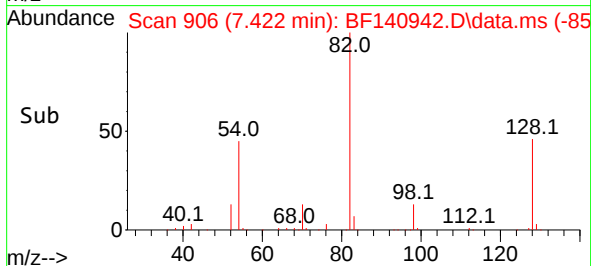


Tgt Ion: 82 Resp: 418009
Ion Ratio Lower Upper
82 100
128 46.1 34.4 51.6
54 45.8 38.8 58.2

Manual Integrations

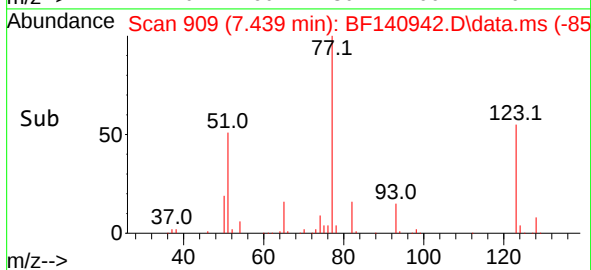
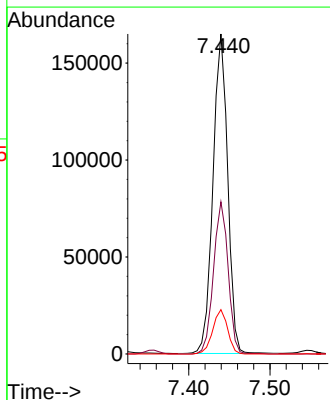
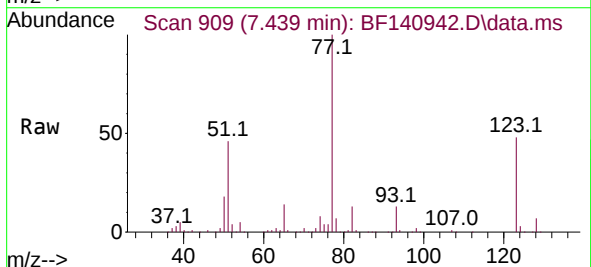
APPROVED

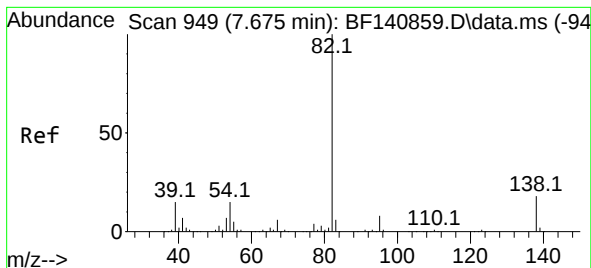
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#24
Nitrobenzene
Concen: 37.305 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion: 77 Resp: 207460
Ion Ratio Lower Upper
77 100
123 47.6 35.0 52.4
65 13.9 11.4 17.0





#25

Isophorone

Concen: 38.063 ng

RT: 7.675 min Scan# 949

Delta R.T. -0.000 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

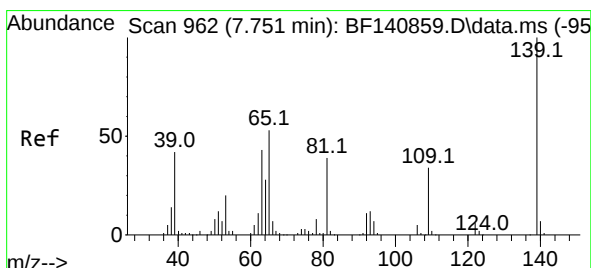
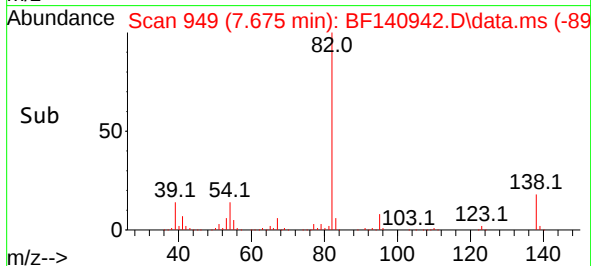
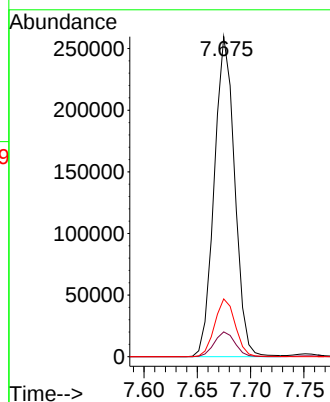
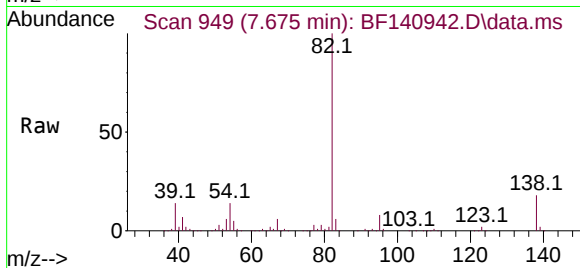
SSTDCCC040

Tgt Ion:	82	Resp:	346209
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.3	9.5
138	18.1	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#26

2-Nitrophenol

Concen: 41.913 ng

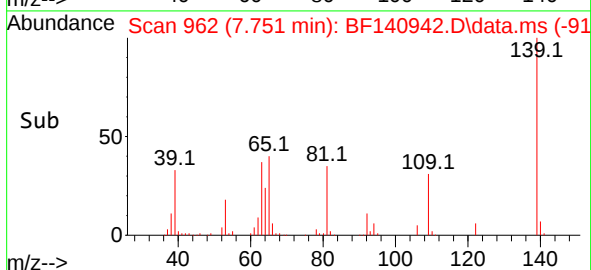
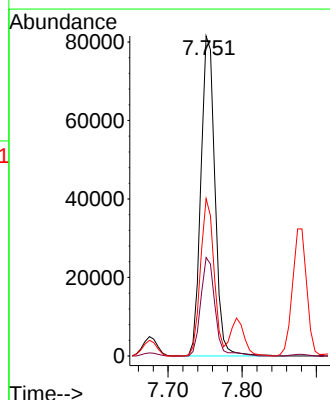
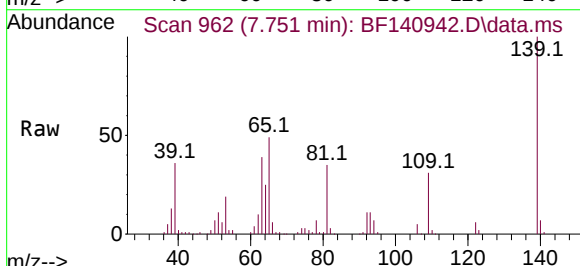
RT: 7.751 min Scan# 962

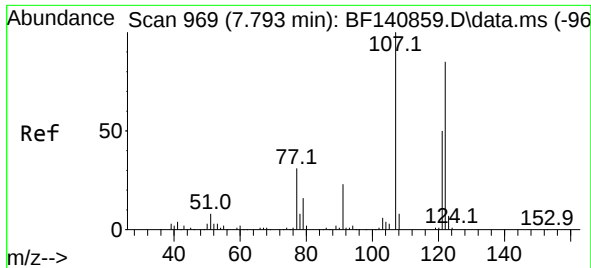
Delta R.T. -0.000 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Tgt Ion:	139	Resp:	107352
Ion Ratio	Lower	Upper	
139	100		
109	30.8	26.9	40.3
65	49.1	42.6	64.0





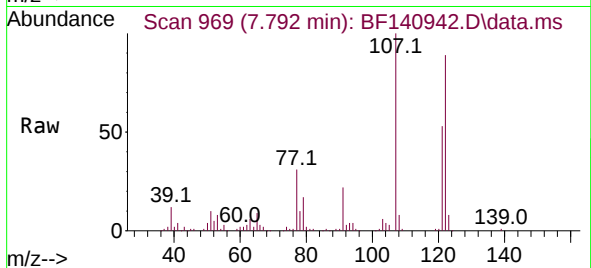
#27
2,4-Dimethylphenol
Concen: 40.254 ng
RT: 7.792 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

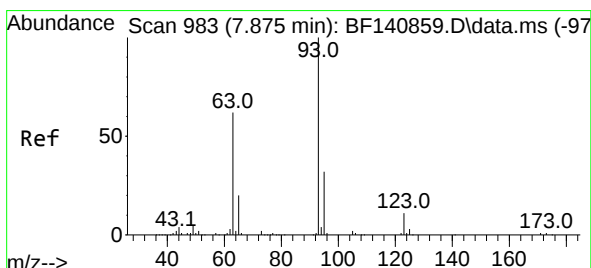
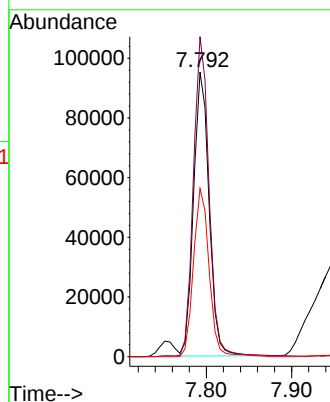
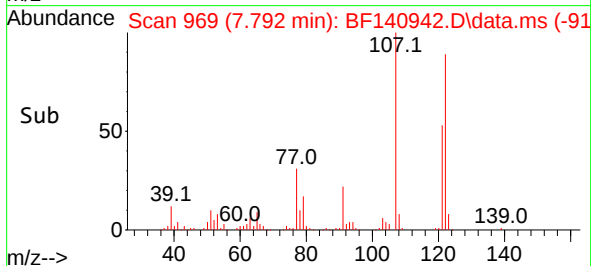


Tgt Ion:122 Resp: 12040
Ion Ratio Lower Upper
122 100
107 112.5 92.6 139.0
121 59.1 45.8 68.8

Manual Integrations

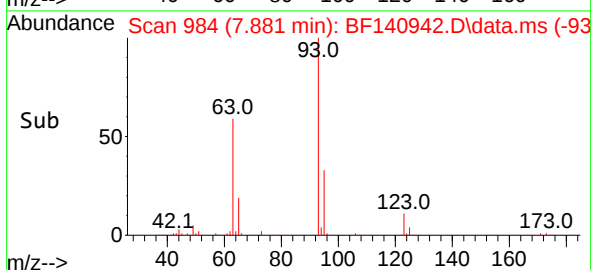
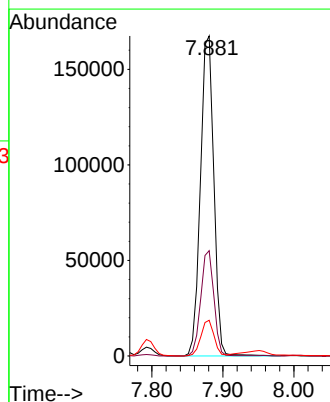
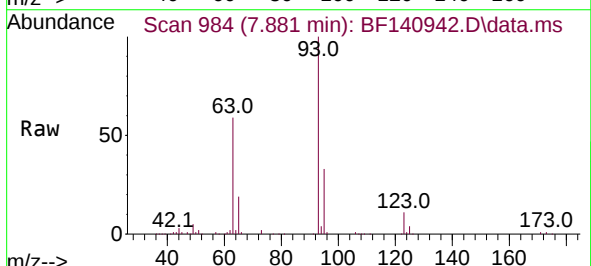
APPROVED

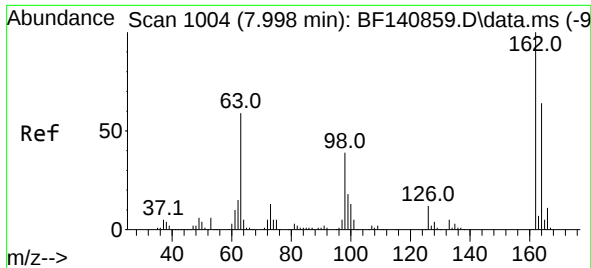
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 38.864 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion: 93 Resp: 220781
Ion Ratio Lower Upper
93 100
95 32.9 25.3 37.9
123 11.1 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 39.361 ng

RT: 8.004 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

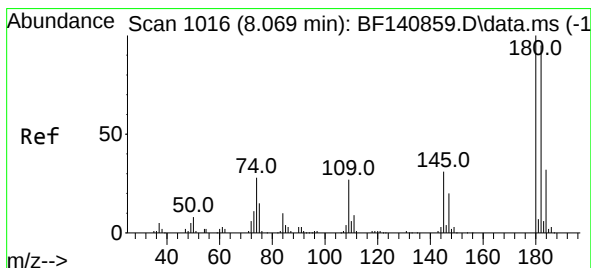
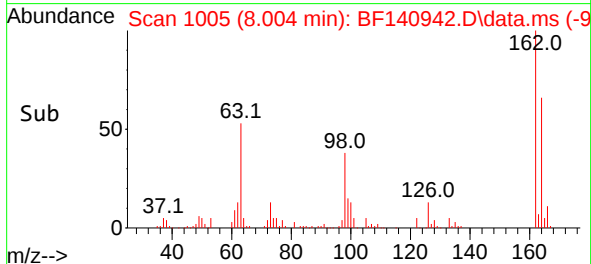
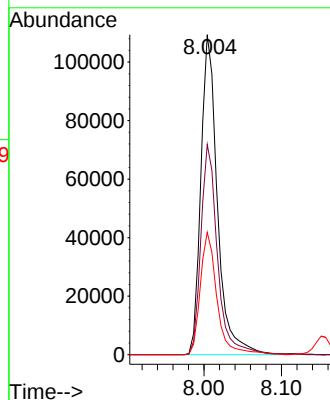
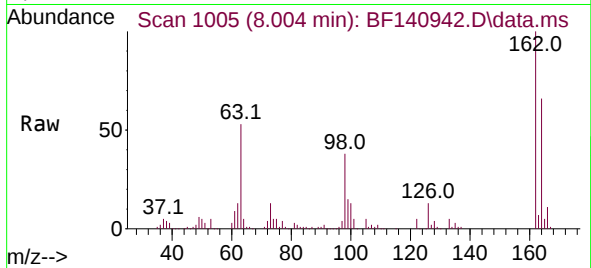
SSTDCCC040

Tgt Ion:162 Resp: 162540
 Ion Ratio Lower Upper
 162 100
 164 65.7 43.7 83.7
 98 38.3 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 39.649 ng

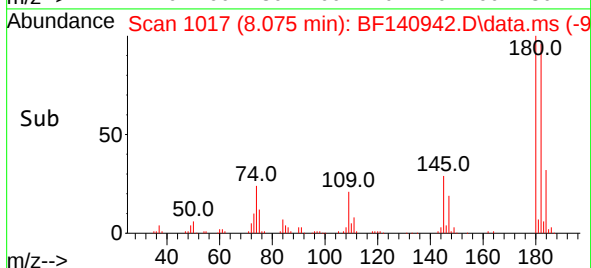
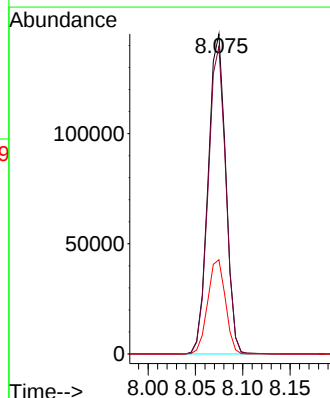
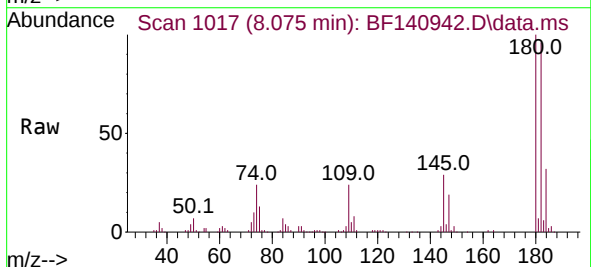
RT: 8.075 min Scan# 1017

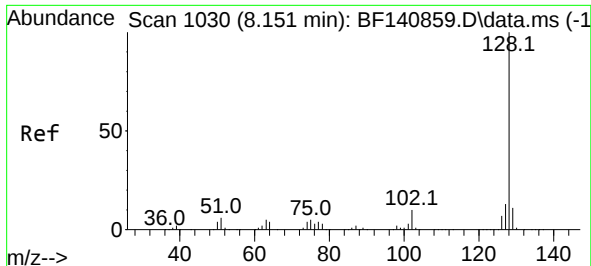
Delta R.T. 0.006 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Tgt Ion:180 Resp: 187702
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.8 113.6
 145 29.5 25.2 37.8





#31
Naphthalene
Concen: 39.270 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

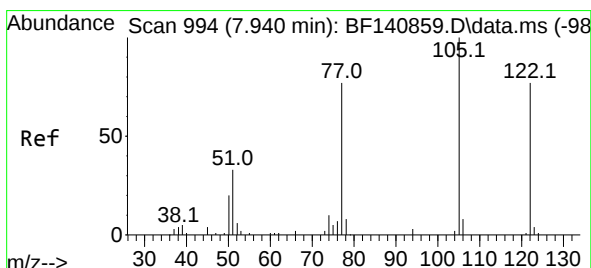
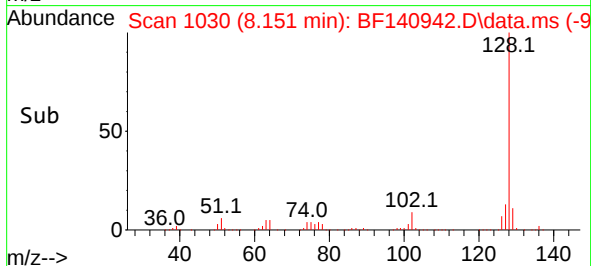
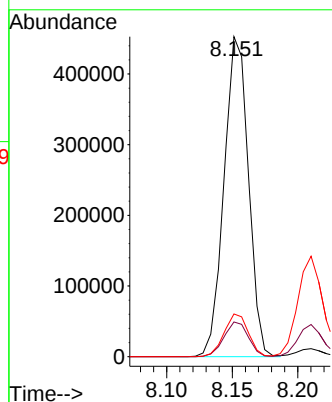
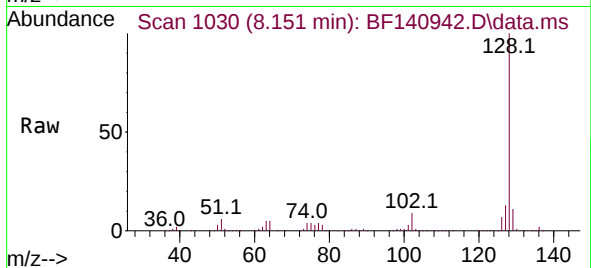
SSTDCCC040

Tgt Ion:128 Resp: 58585
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.6 16.0

Manual Integrations

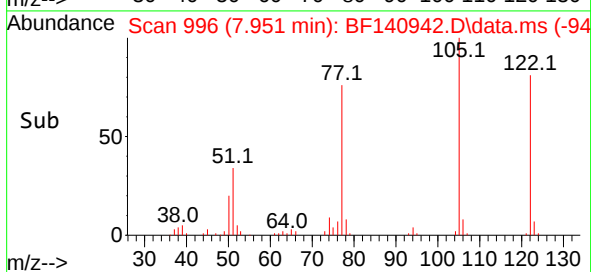
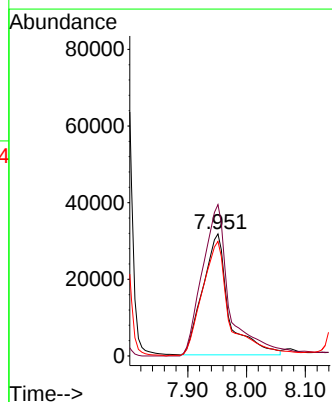
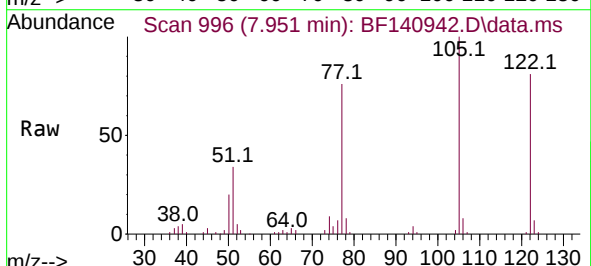
APPROVED

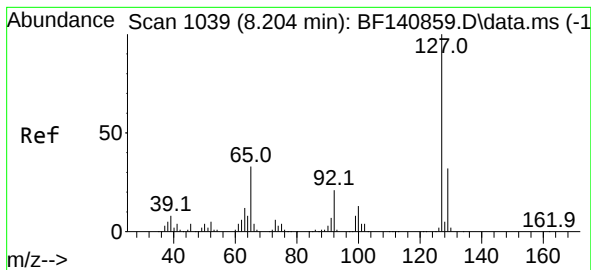
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#32
Benzoic acid
Concen: 34.606 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.011 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion:122 Resp: 98174
Ion Ratio Lower Upper
122 100
105 124.0 108.3 148.3
77 93.8 78.8 118.8





#33

4-Chloroaniline

Concen: 39.228 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

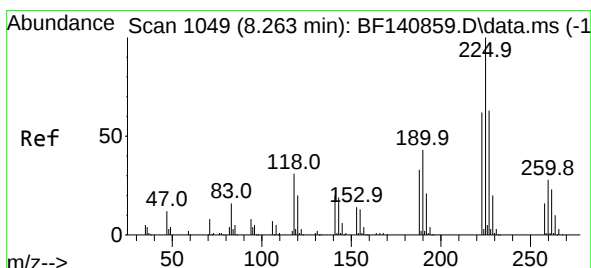
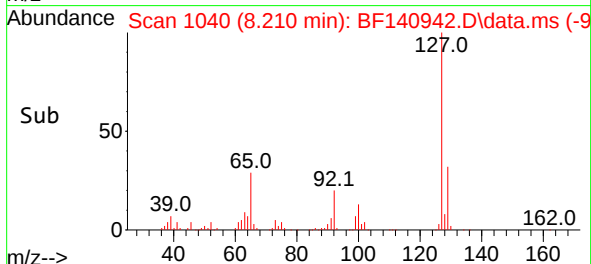
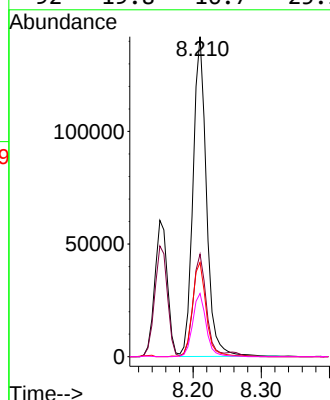
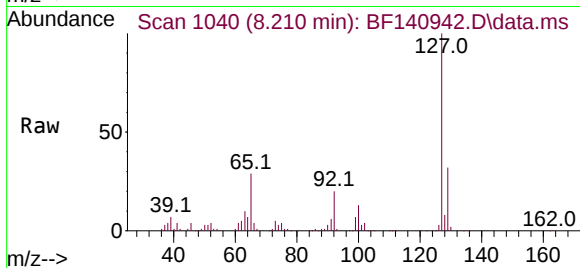
SSTDCCC040

Tgt Ion:	127	Resp:	19436
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.0	39.0
65	29.5	26.0	39.0
92	19.8	16.7	25.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#34

Hexachlorobutadiene

Concen: 38.289 ng

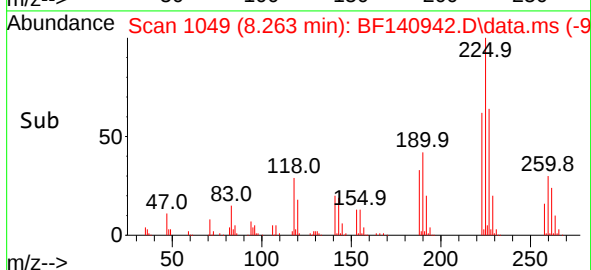
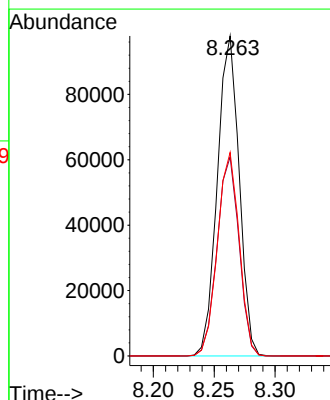
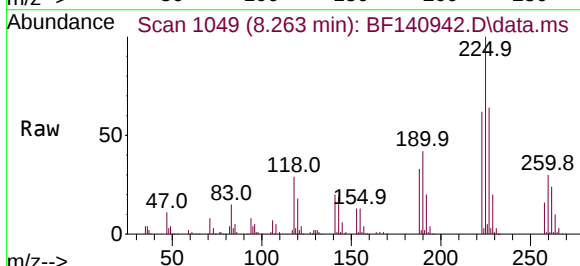
RT: 8.263 min Scan# 1049

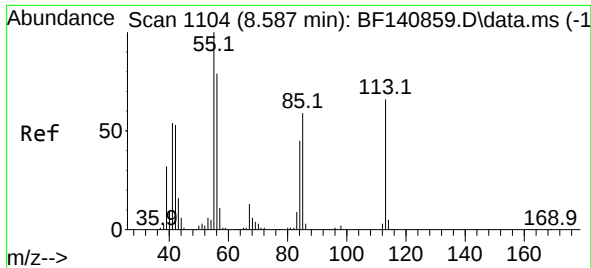
Delta R.T. -0.000 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Tgt Ion:	225	Resp:	121955
Ion Ratio	Lower	Upper	
225	100		
223	62.2	49.6	74.4
227	63.6	50.7	76.1





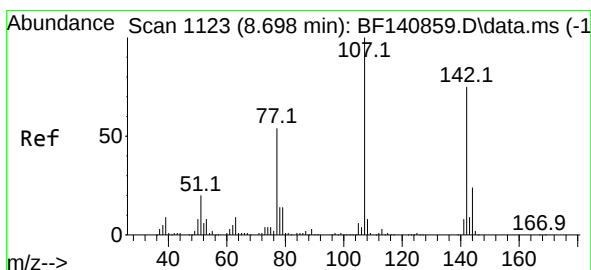
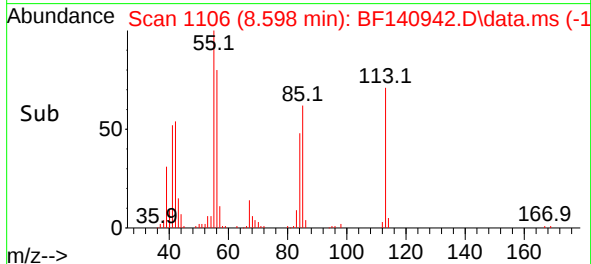
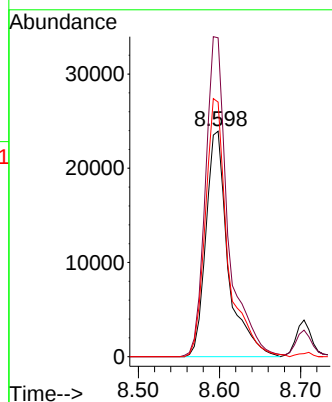
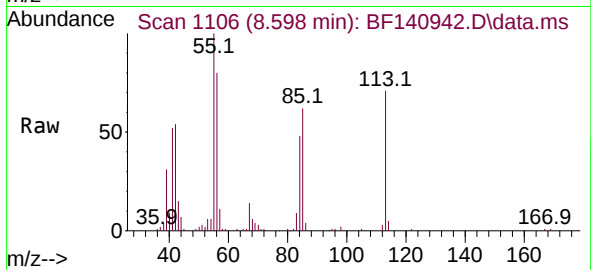
#35
Caprolactam
Concen: 37.061 ng
RT: 8.598 min Scan# 1106
Delta R.T. 0.012 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 45564
Ion Ratio Lower Upper
113 100
55 141.5 132.3 172.3
56 112.9 100.3 140.3

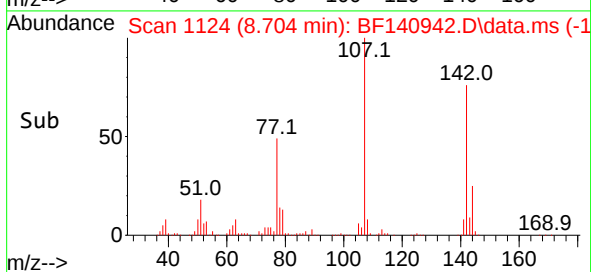
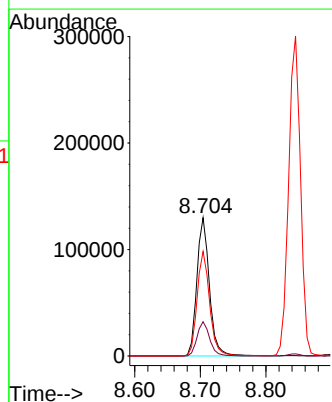
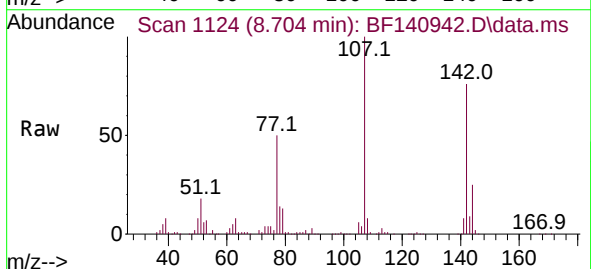
Manual Integrations
APPROVED

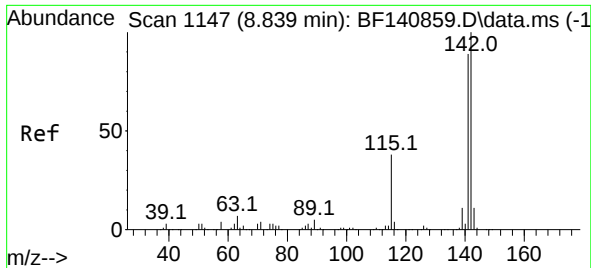
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#36
4-Chloro-3-methylphenol
Concen: 37.361 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion:107 Resp: 173656
Ion Ratio Lower Upper
107 100
144 24.8 19.4 29.2
142 75.5 60.3 90.5





#37
2-Methylnaphthalene
Concen: 38.282 ng
RT: 8.845 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

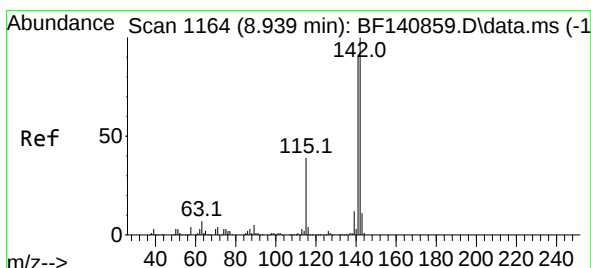
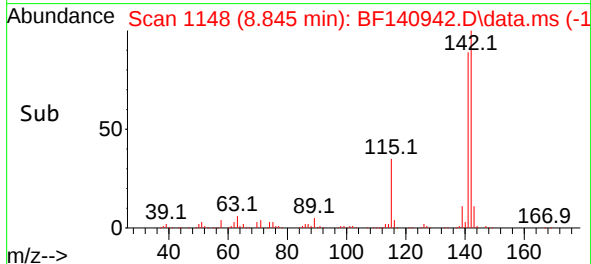
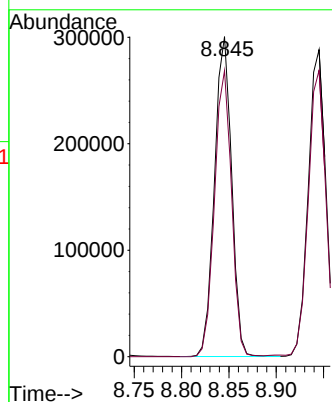
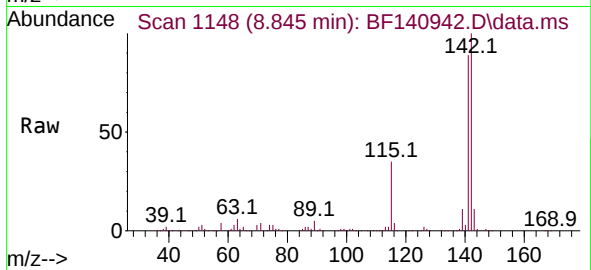
SSTDCCC040

Tgt Ion:142 Resp: 377790
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6

Manual Integrations

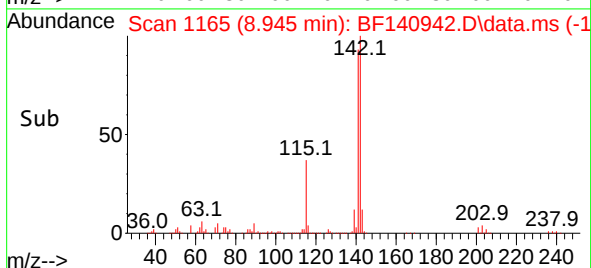
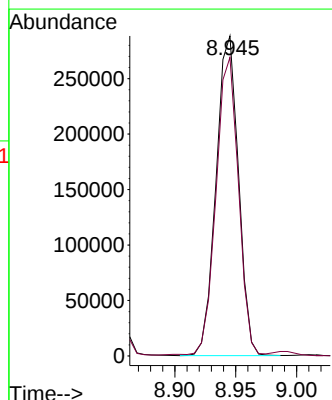
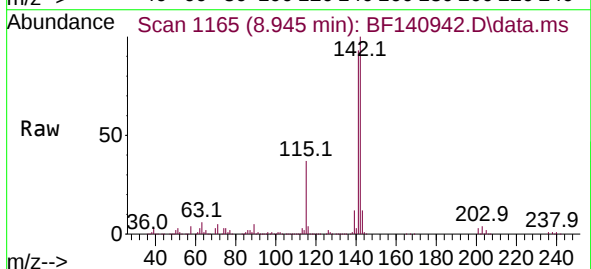
APPROVED

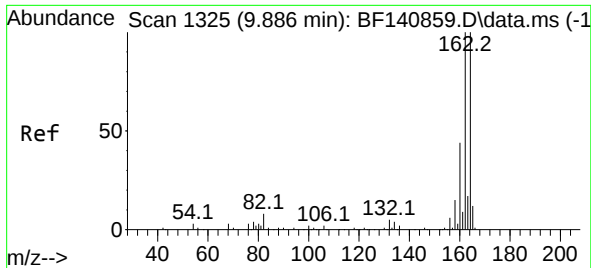
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#38
1-Methylnaphthalene
Concen: 37.761 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion:142 Resp: 368550
Ion Ratio Lower Upper
142 100
141 93.3 73.4 110.0





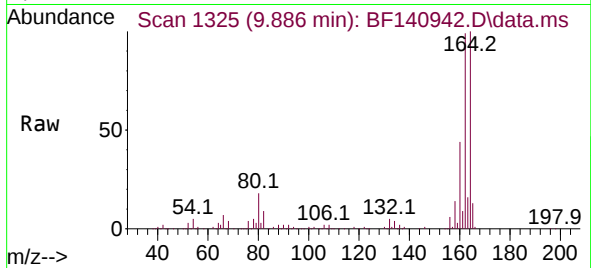
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

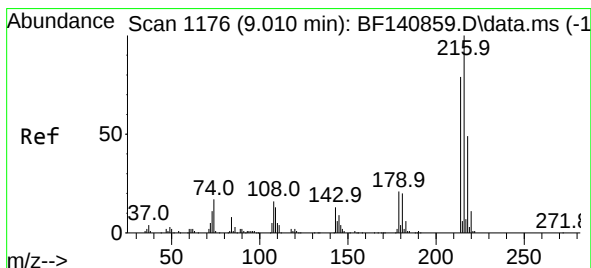
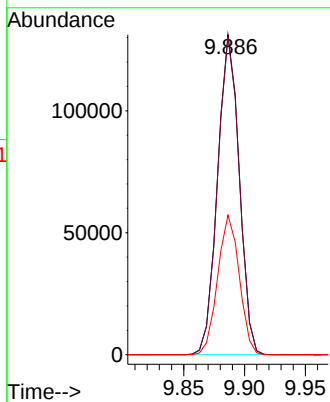
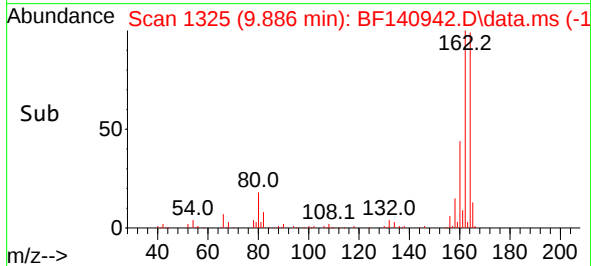


Tgt Ion:164 Resp: 162319
Ion Ratio Lower Upper
164 100
162 99.2 79.9 119.9
160 43.6 35.2 52.8

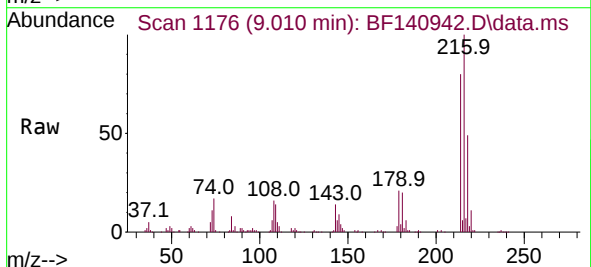
Manual Integrations

APPROVED

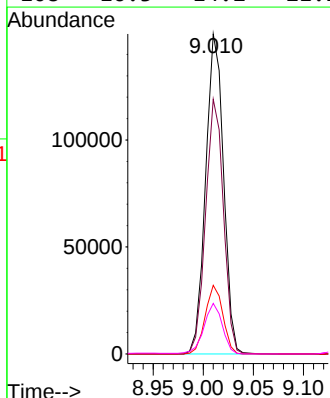
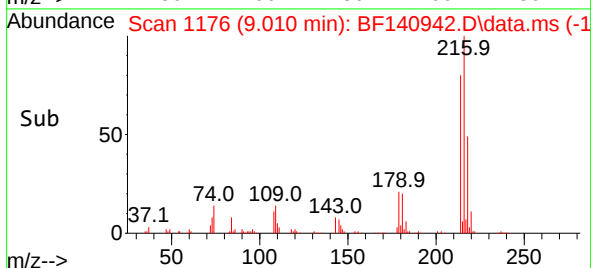
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

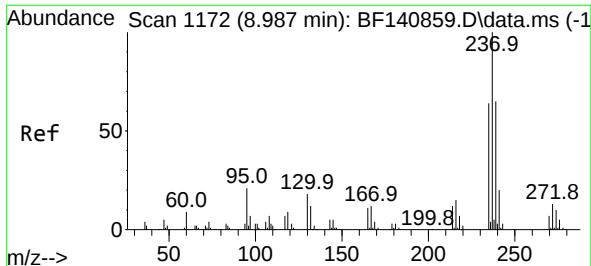


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.349 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15



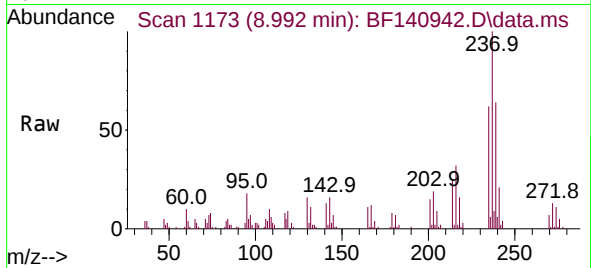
Tgt Ion:216 Resp: 186337
Ion Ratio Lower Upper
216 100
214 79.2 63.6 95.4
179 21.1 17.0 25.4
108 16.3 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 34.773 ng
RT: 8.992 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

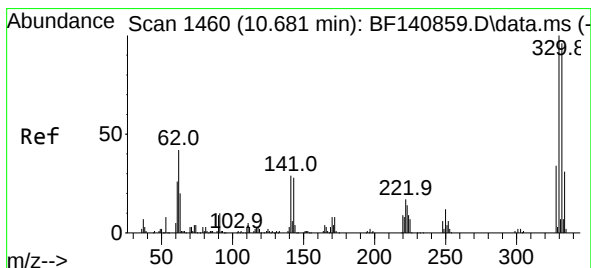
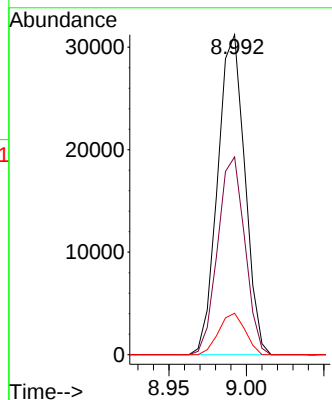
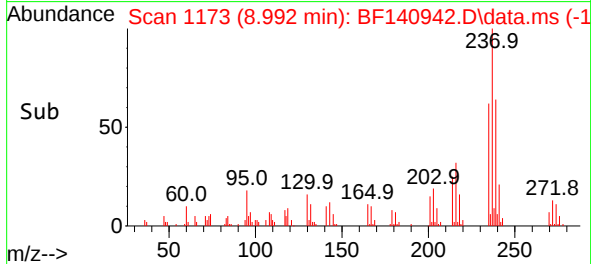
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



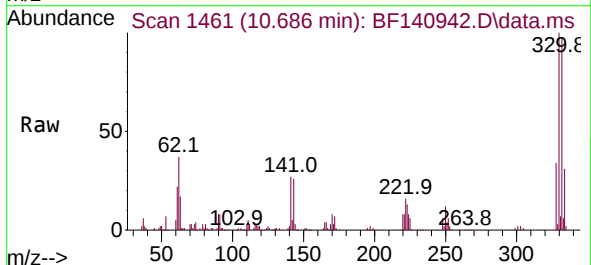
Tgt Ion: 237 Resp: 3808
Ion Ratio Lower Upper
237 100
235 61.8 43.7 83.7
272 13.0 0.0 32.9

Manual Integrations
APPROVED

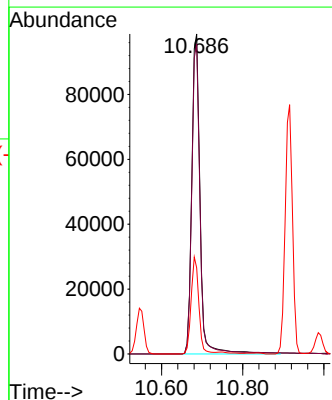
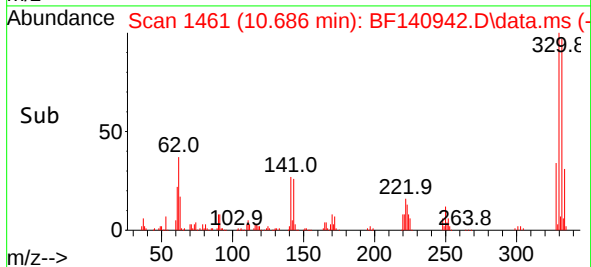
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

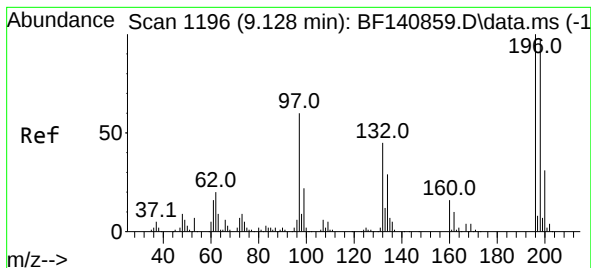


#42
2,4,6-Tribromophenol
Concen: 72.531 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15



Tgt Ion: 330 Resp: 139243
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 28.3 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 36.226 ng
RT: 9.134 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

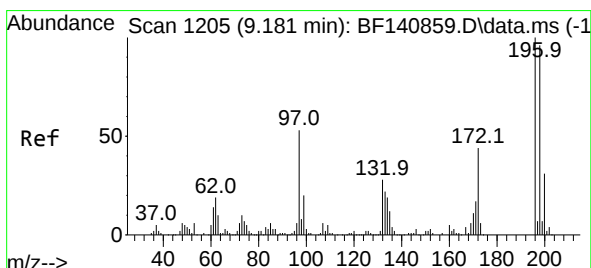
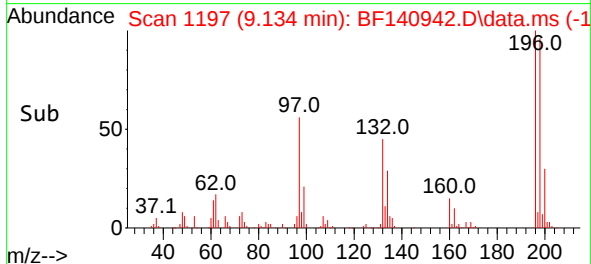
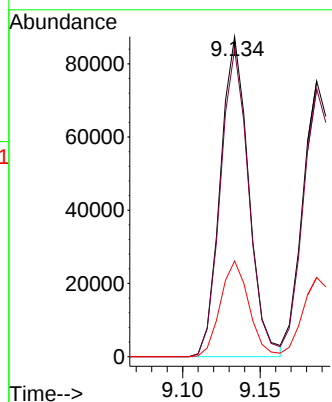
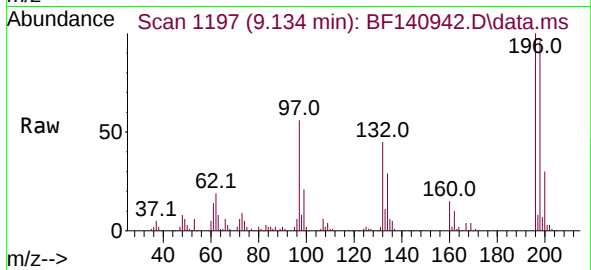
SSTDCCC040

Tgt Ion:196 Resp: 110664
Ion Ratio Lower Upper
196 100
198 96.1 77.4 116.0
200 29.9 24.5 36.7

Manual Integrations

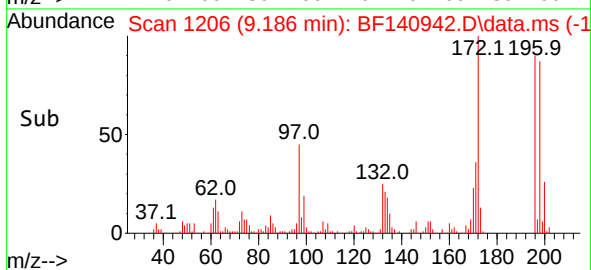
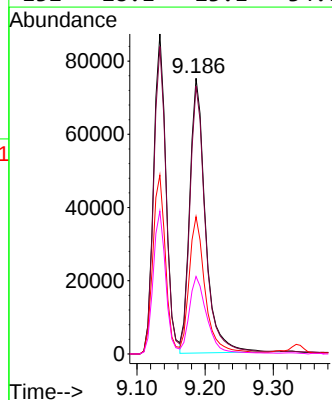
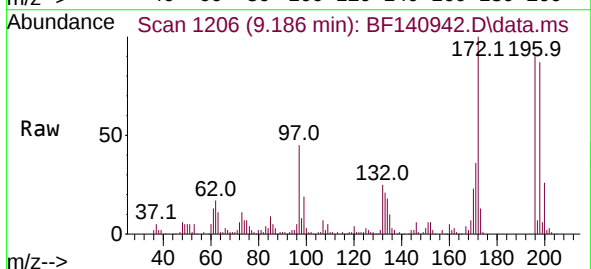
APPROVED

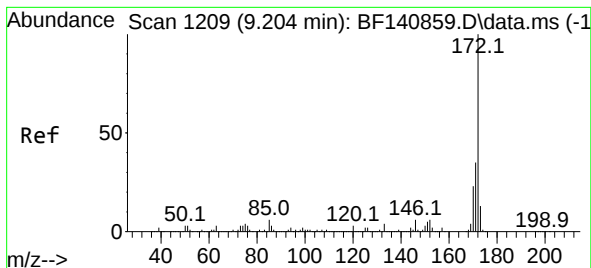
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#44
2,4,5-Trichlorophenol
Concen: 35.638 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion:196 Resp: 119664
Ion Ratio Lower Upper
196 100
198 97.2 77.2 115.8
97 49.8 42.2 63.4
132 28.1 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 73.670 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

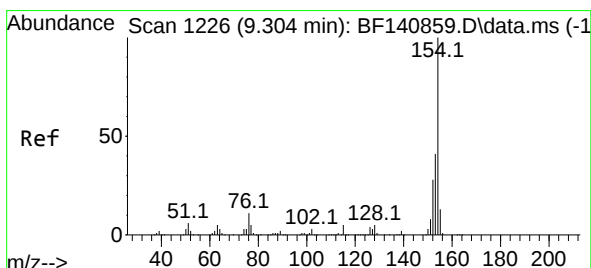
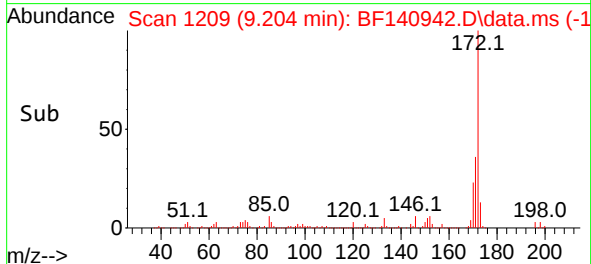
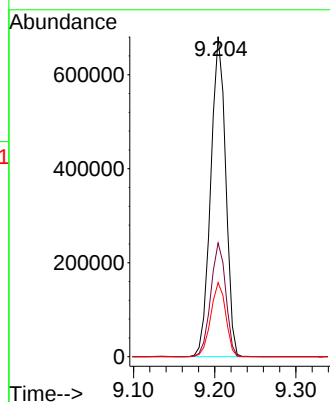
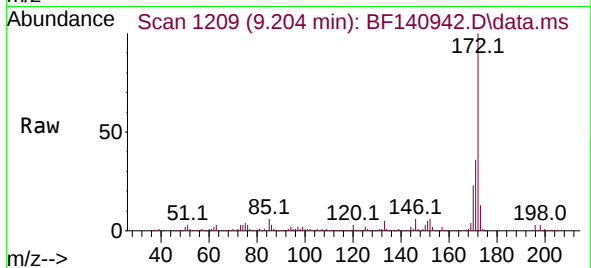
SSTDCCC040

Tgt Ion:172 Resp: 869760
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.2 18.6 28.0

Manual Integrations

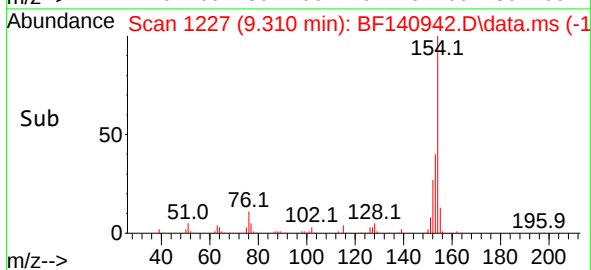
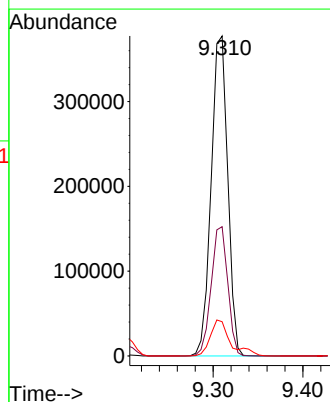
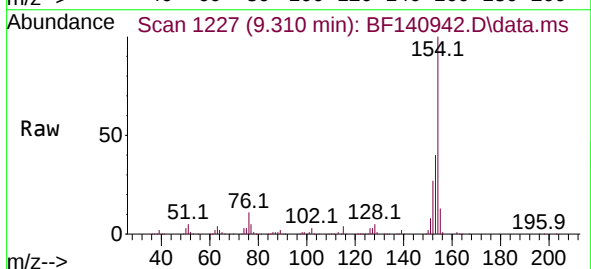
APPROVED

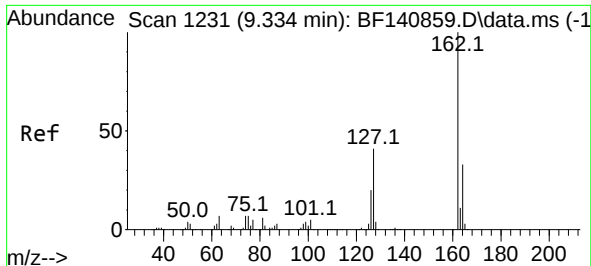
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#46
1,1'-Biphenyl
Concen: 37.480 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion:154 Resp: 483766
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 10.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 37.889 ng

RT: 9.334 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

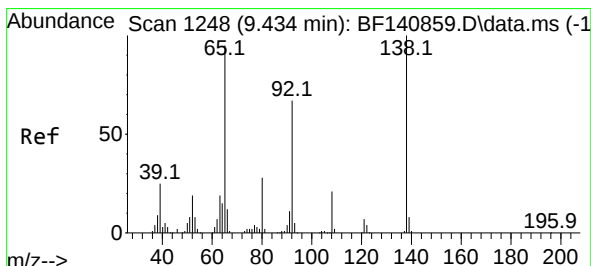
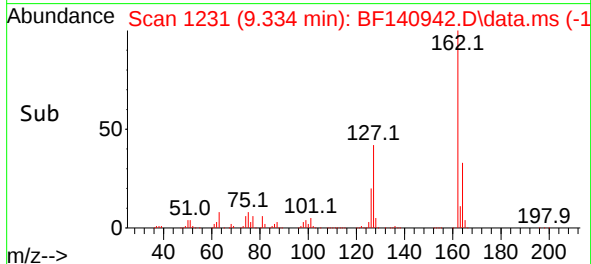
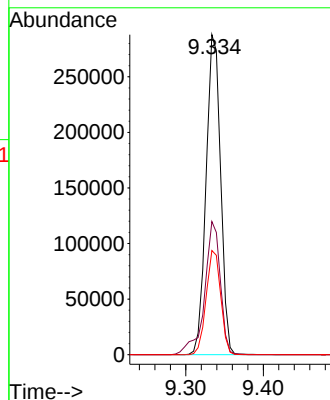
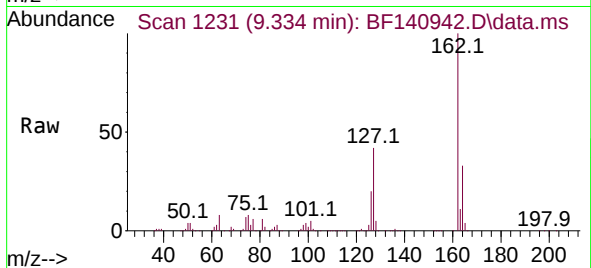
SSTDCCC040

Tgt Ion:162 Resp: 374124
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.5 50.3
 164 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024



#48

2-Nitroaniline

Concen: 35.406 ng

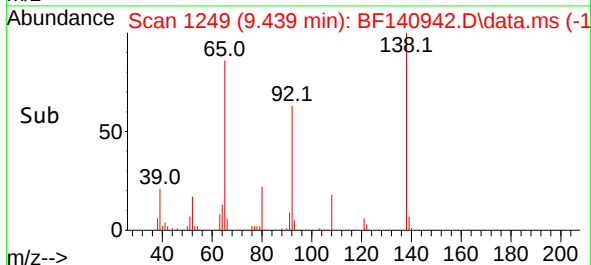
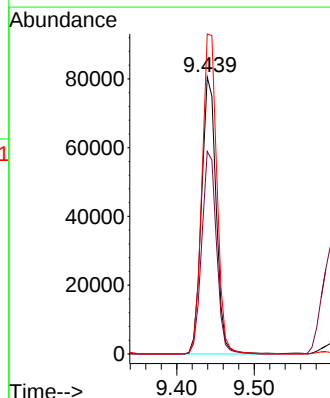
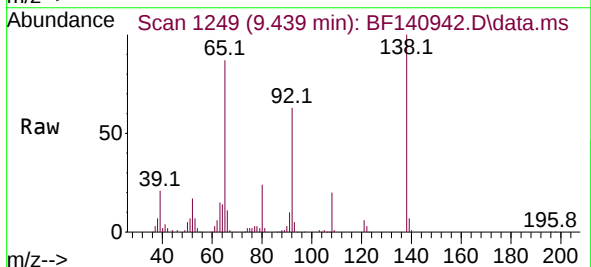
RT: 9.439 min Scan# 1249

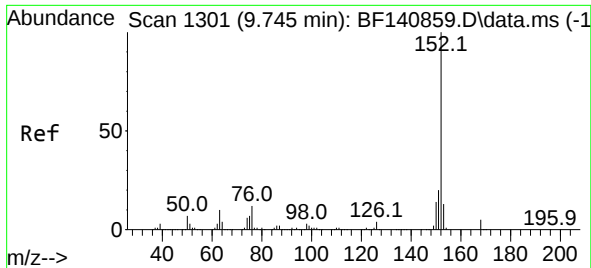
Delta R.T. 0.006 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

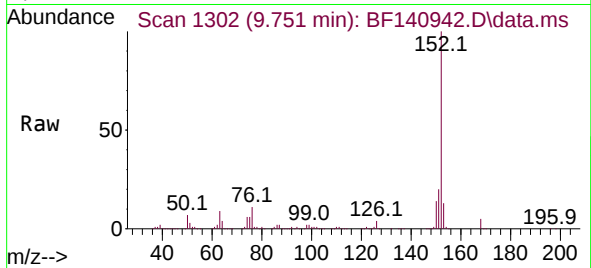
Tgt Ion: 65 Resp: 105588
 Ion Ratio Lower Upper
 65 100
 92 73.1 56.3 84.5
 138 115.5 83.8 125.6





#49
Acenaphthylene
Concen: 38.943 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

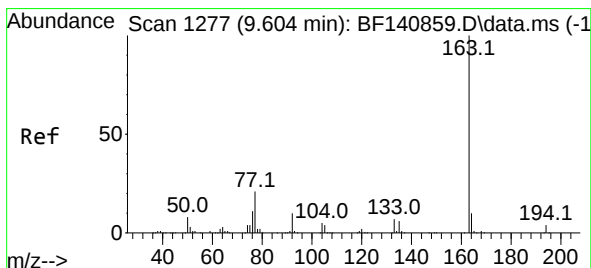
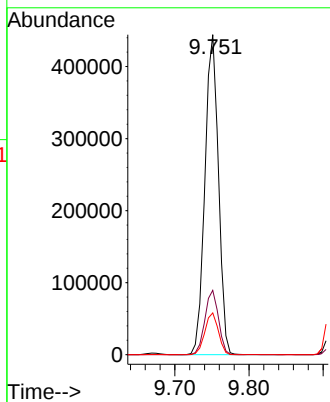
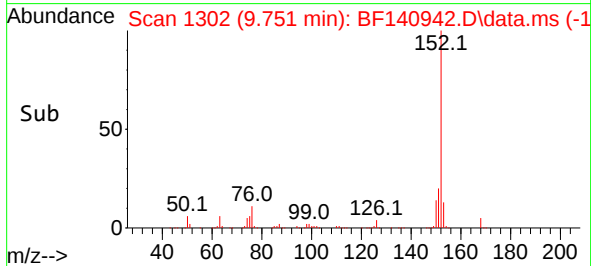
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 56510
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.0 10.6 16.0

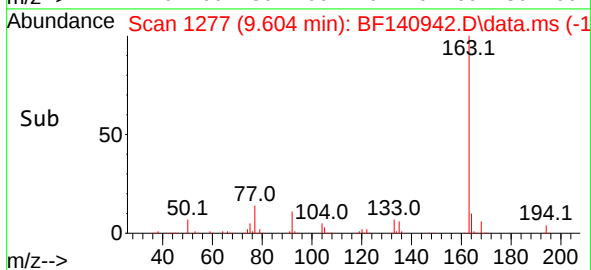
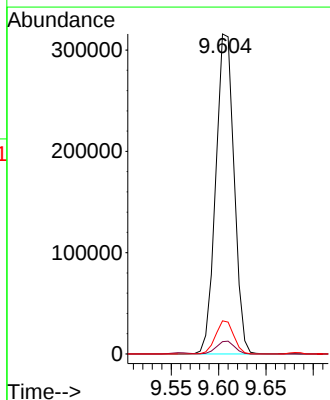
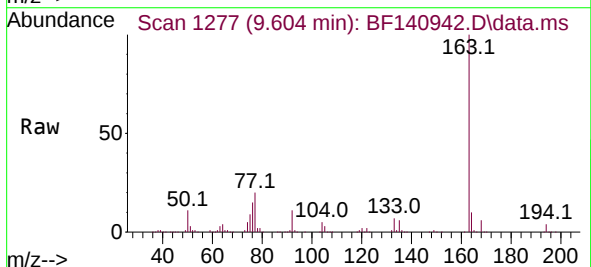
Manual Integrations
APPROVED

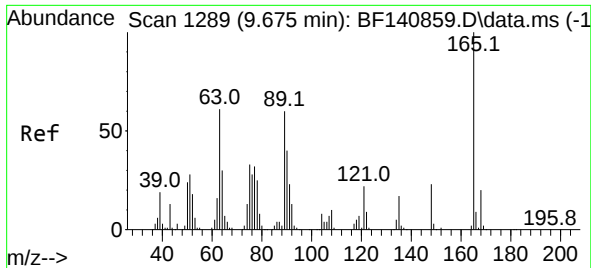
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#50
Dimethylphthalate
Concen: 37.159 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion:163 Resp: 425243
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 39.451 ng
RT: 9.681 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

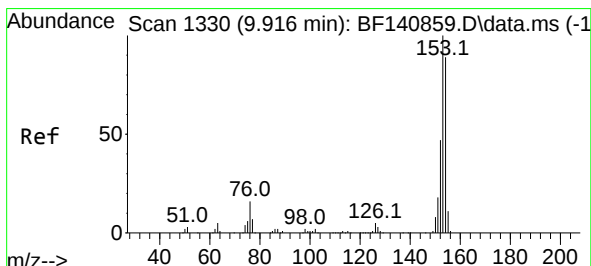
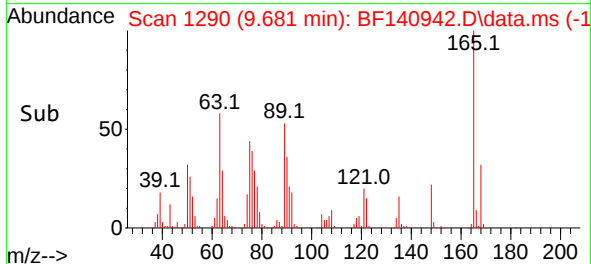
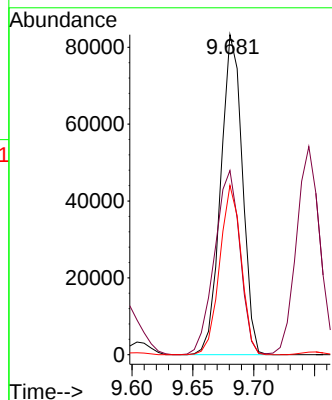
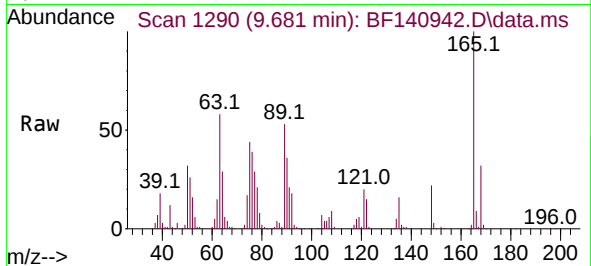
SSTDCCC040

Tgt Ion:165 Resp: 103210
Ion Ratio Lower Upper
165 100
63 57.5 49.7 74.5
89 52.9 48.2 72.4

Manual Integrations

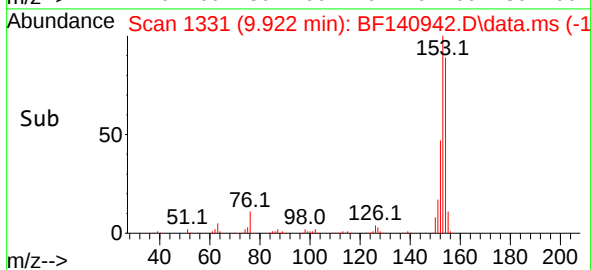
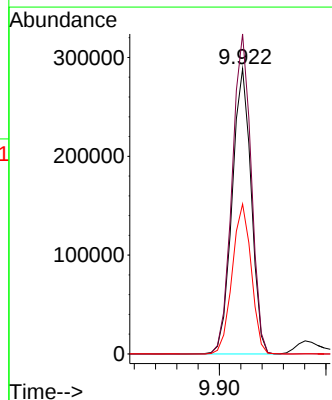
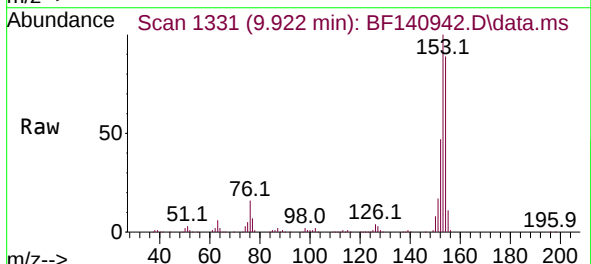
APPROVED

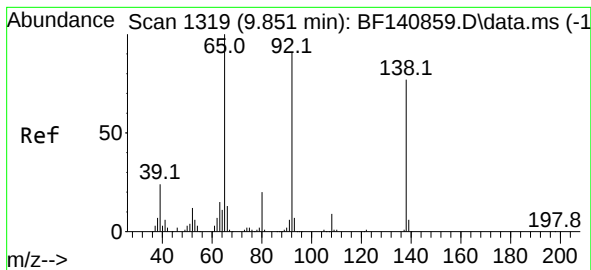
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#52
Acenaphthene
Concen: 38.772 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion:154 Resp: 359395
Ion Ratio Lower Upper
154 100
153 112.1 89.9 134.9
152 52.6 42.6 63.8





#53

3-Nitroaniline

Concen: 39.535 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 10264

Ion Ratio Lower Upper

138 100

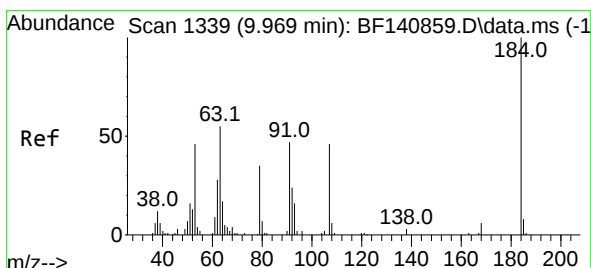
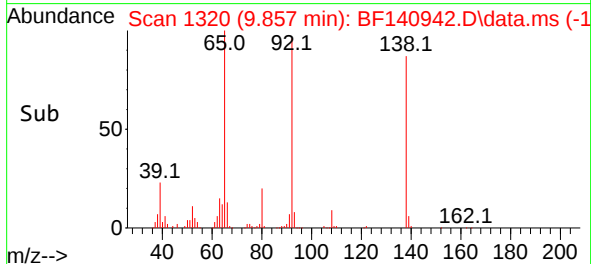
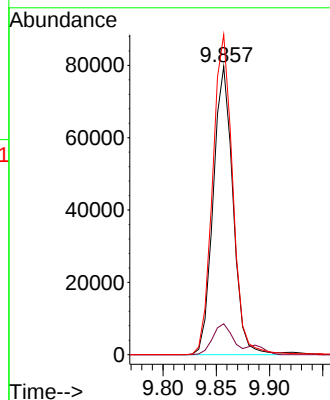
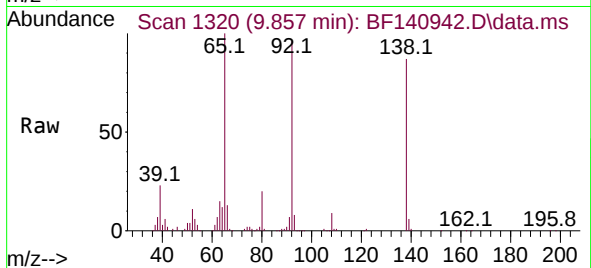
108 10.7 9.0 13.4

92 111.0 95.5 143.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#54

2,4-Dinitrophenol

Concen: 36.272 ng

RT: 9.981 min Scan# 1341

Delta R.T. 0.012 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

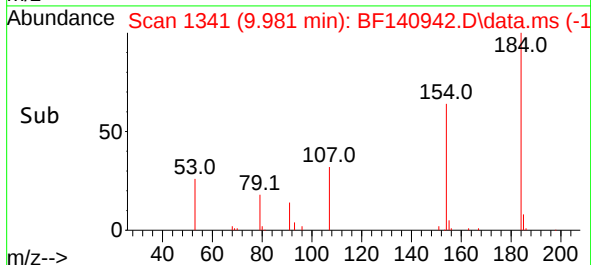
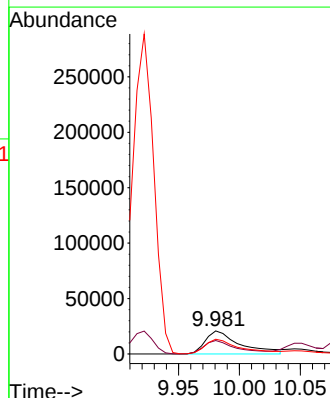
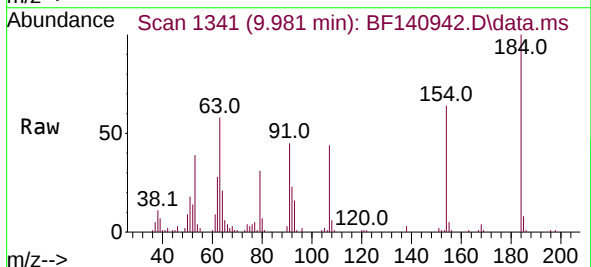
Tgt Ion:184 Resp: 41330

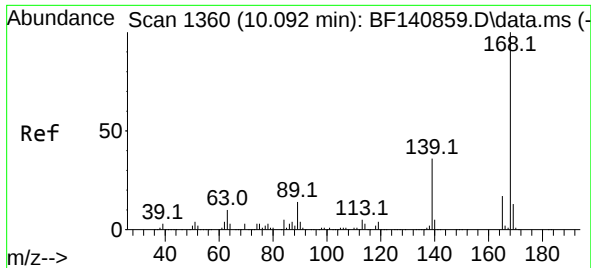
Ion Ratio Lower Upper

184 100

63 58.3 51.6 77.4

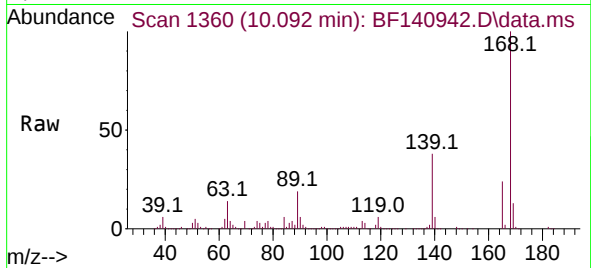
154 64.1 56.1 84.1





#55
Dibenzenofuran
Concen: 38.012 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

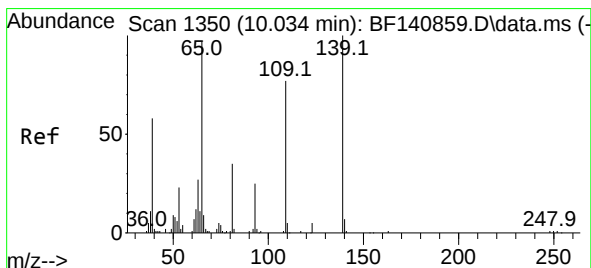
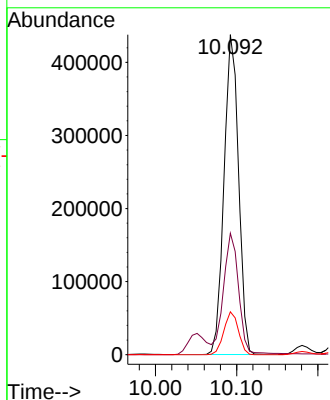
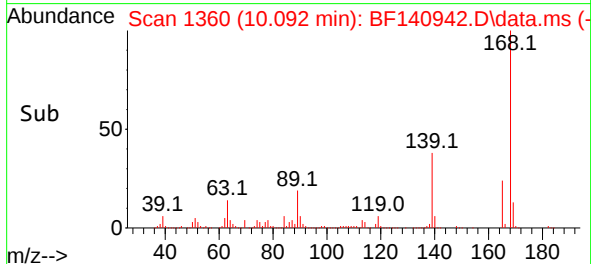
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 545970
Ion Ratio Lower Upper
168 100
139 38.0 31.1 46.7
169 13.4 10.6 16.0

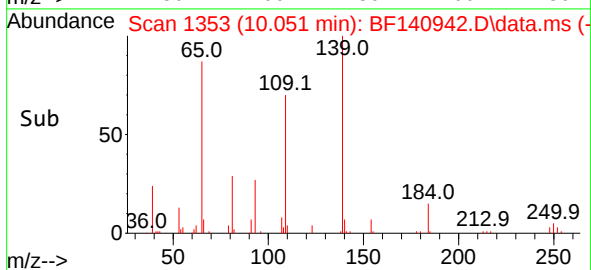
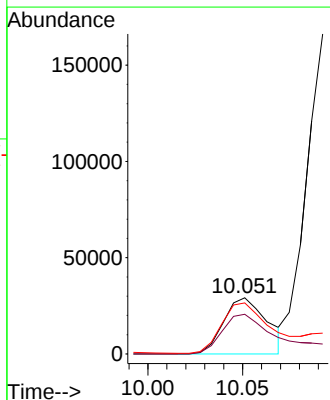
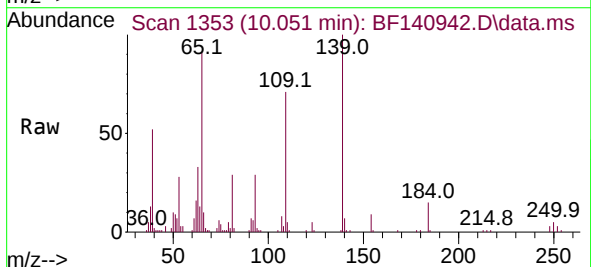
Manual Integrations
APPROVED

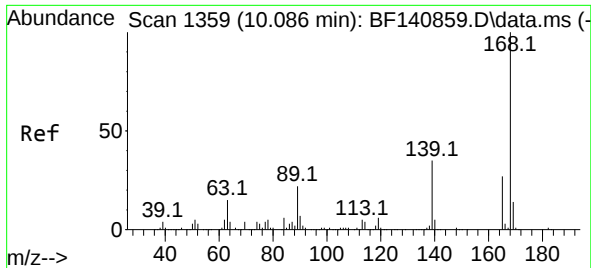
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#56
4-Nitrophenol
Concen: 35.773 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.017 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion:139 Resp: 46328
Ion Ratio Lower Upper
139 100
109 70.9 56.7 96.7
65 91.1 78.1 118.1





#57
2,4-Dinitrotoluene
Concen: 38.516 ng
RT: 10.092 min Scan# 1359
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

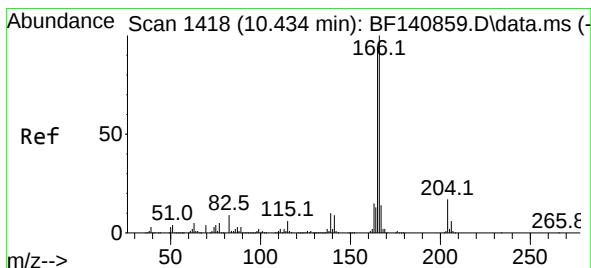
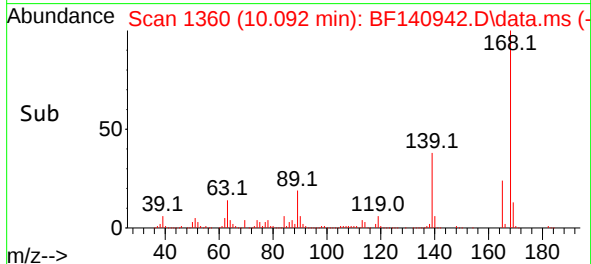
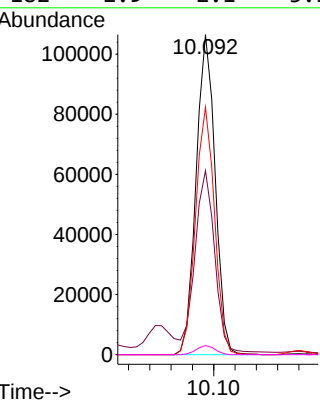
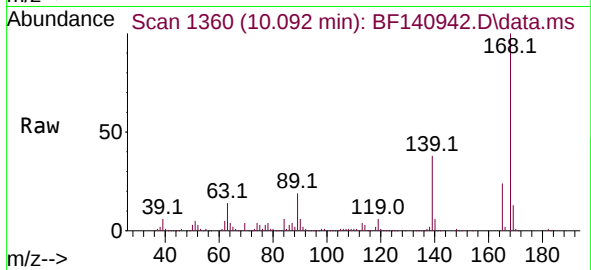
SSTDCCC040

Tgt Ion:165 Resp: 132579
Ion Ratio Lower Upper
165 100
63 57.5 49.3 73.9
89 77.3 66.2 99.4
182 2.9 2.1 3.1

Manual Integrations

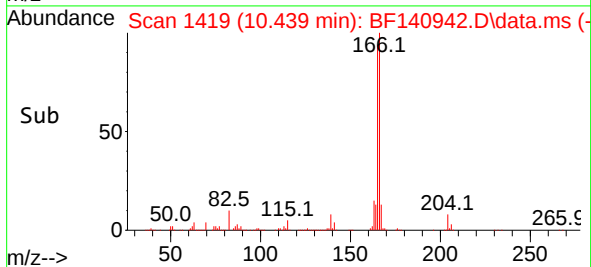
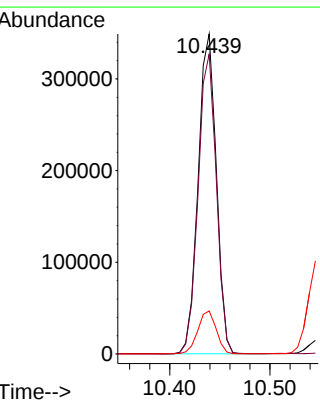
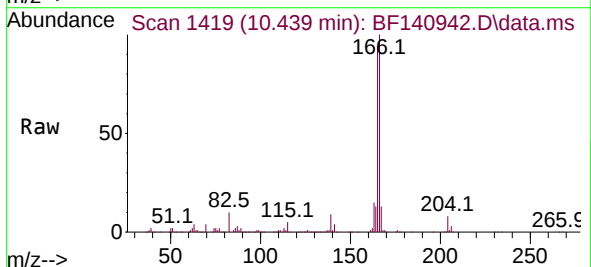
APPROVED

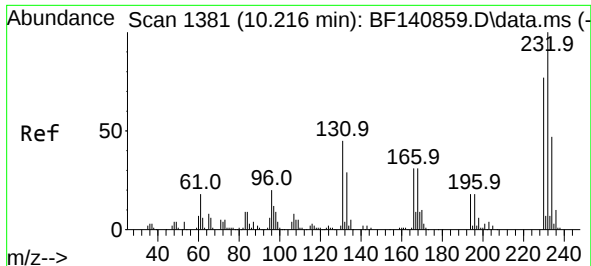
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#58
Fluorene
Concen: 37.139 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

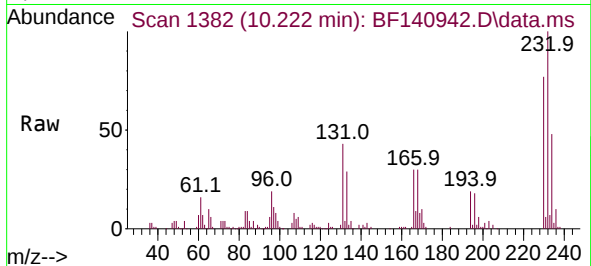
Tgt Ion:166 Resp: 440079
Ion Ratio Lower Upper
166 100
165 93.7 75.1 112.7
167 13.5 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.214 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

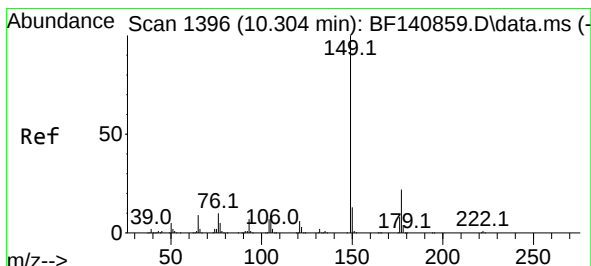
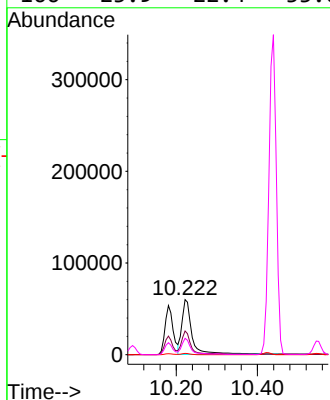
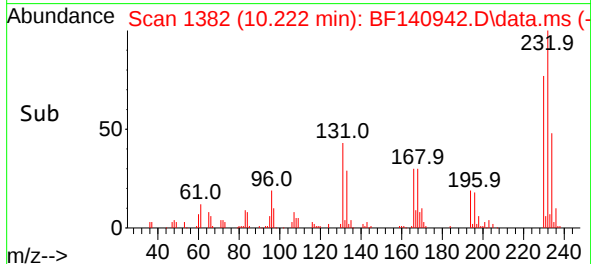
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 101821
Ion Ratio Lower Upper
232 100
131 37.8 35.1 52.7
130 1.9 1.8 2.8
166 23.9 22.4 33.6

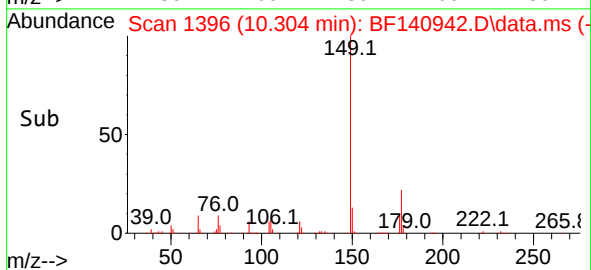
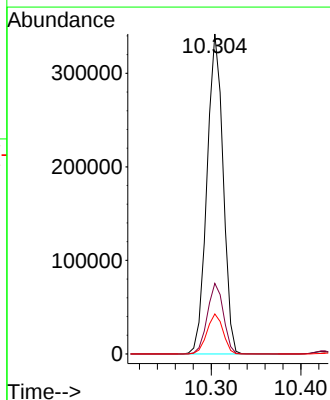
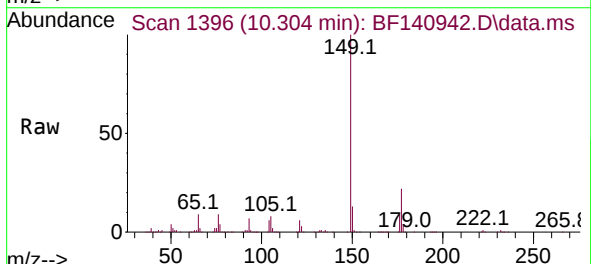
Manual Integrations
APPROVED

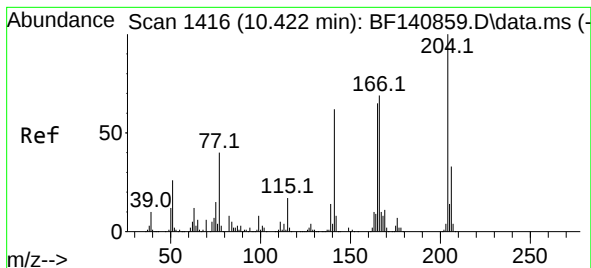
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#60
Diethylphthalate
Concen: 35.936 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

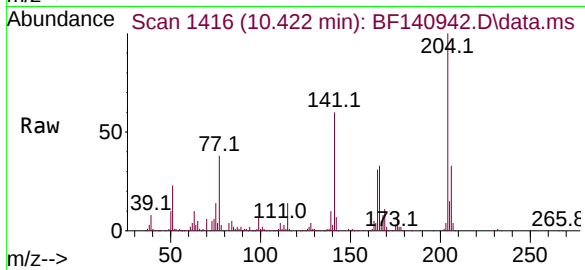
Tgt Ion:149 Resp: 426443
Ion Ratio Lower Upper
149 100
177 22.0 17.2 25.8
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 37.200 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

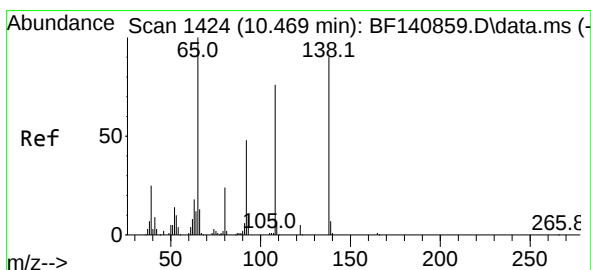
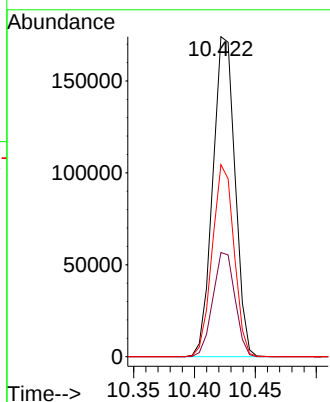
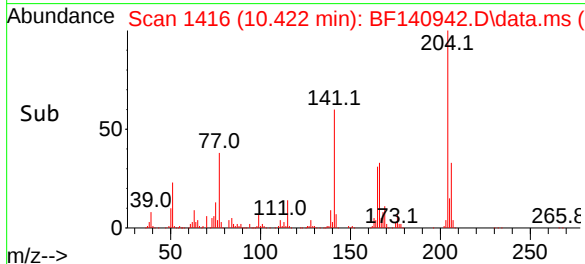
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



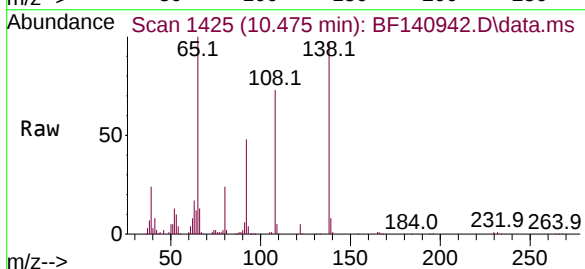
Tgt Ion:204 Resp: 221428
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 60.0 50.0 75.0

Manual Integrations
APPROVED

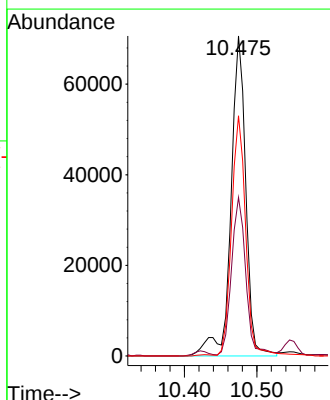
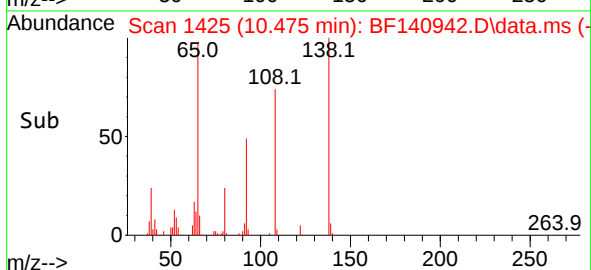
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

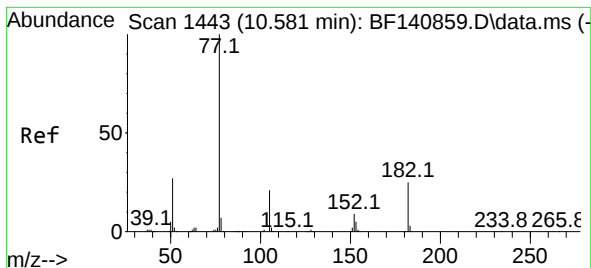


#62
4-Nitroaniline
Concen: 37.076 ng m
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15



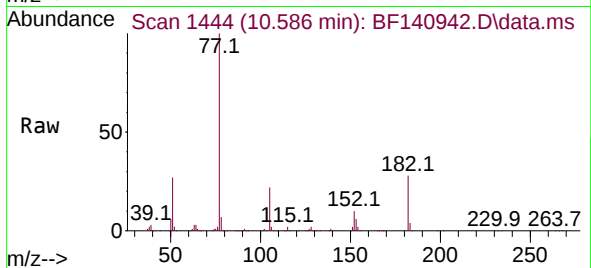
Tgt Ion:138 Resp: 100590
Ion Ratio Lower Upper
138 100
92 49.6 32.6 72.6
108 75.1 64.1 104.1





#63
Azobenzene
Concen: 34.454 ng
RT: 10.586 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

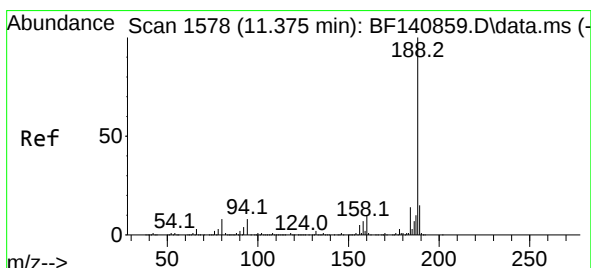
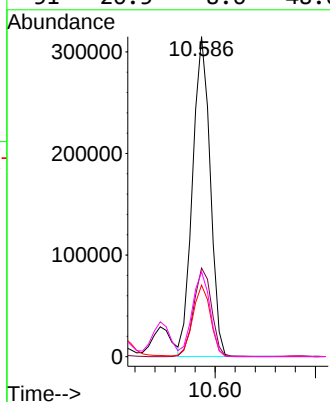
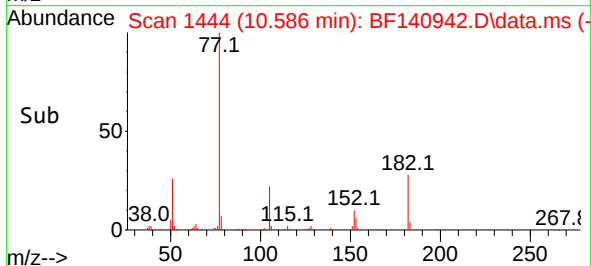
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



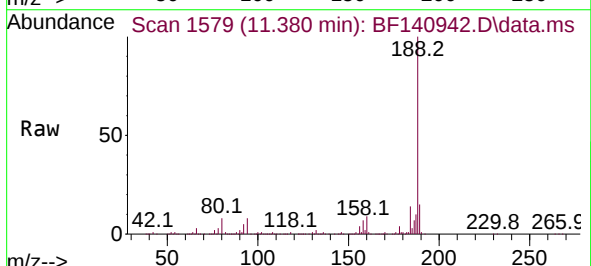
Tgt Ion: 77 Resp: 384375
Ion Ratio Lower Upper
77 100
182 27.7 4.5 44.5
105 22.3 0.9 40.9
51 26.5 8.6 48.6

Manual Integrations
APPROVED

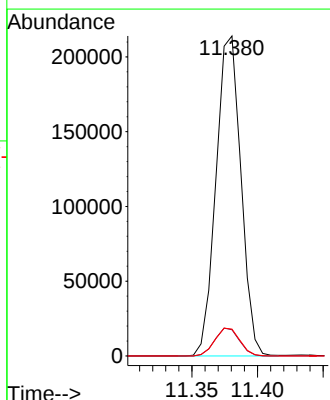
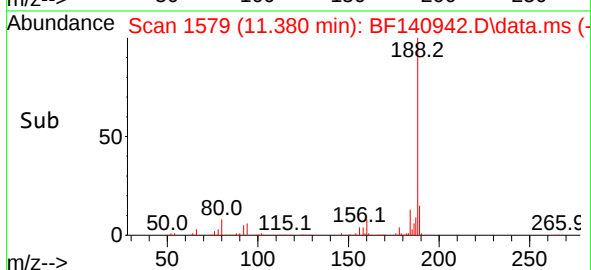
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

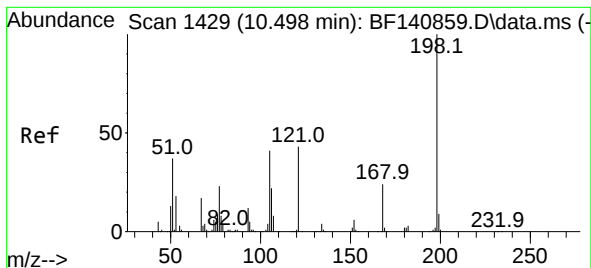


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15



Tgt Ion:188 Resp: 282660
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.4 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 40.269 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

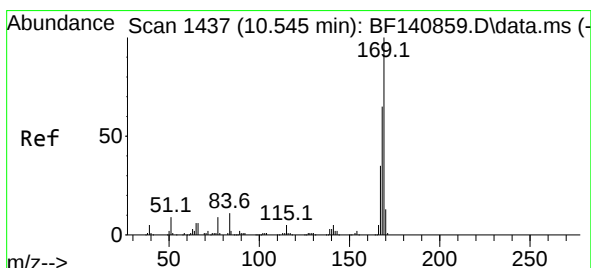
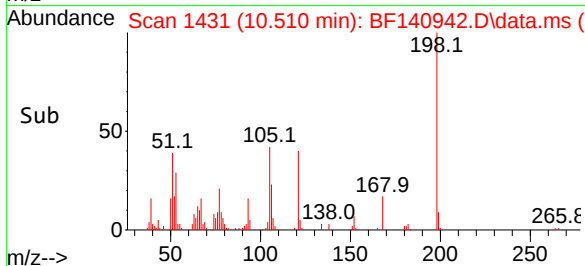
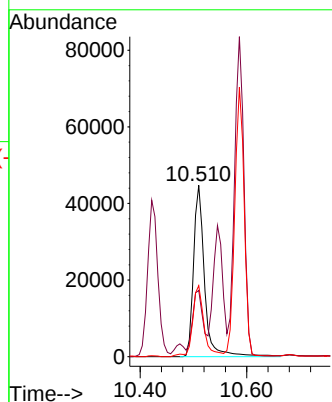
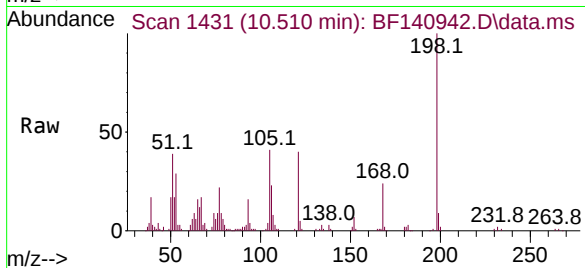
SSTDCCC040

Tgt Ion:198 Resp: 64499
Ion Ratio Lower Upper
198 100
51 38.7 24.4 64.4
105 41.5 22.1 62.1

Manual Integrations

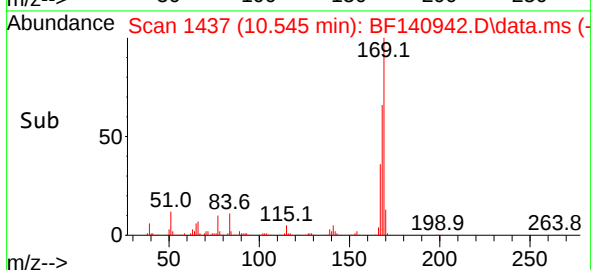
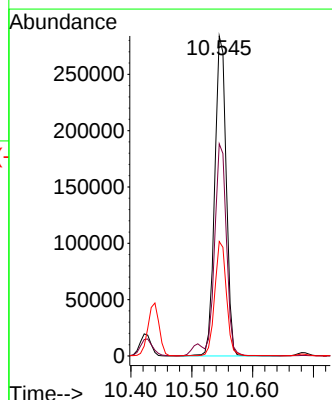
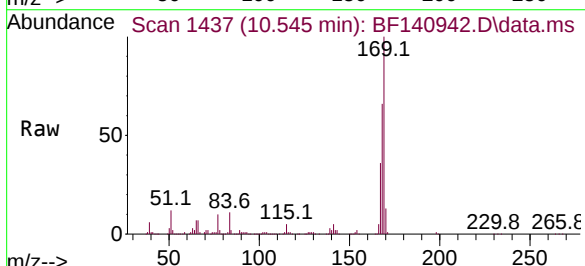
APPROVED

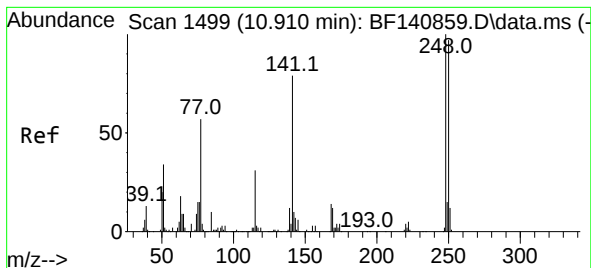
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#66
n-Nitrosodiphenylamine
Concen: 42.748 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion:169 Resp: 371501
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 35.8 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 41.055 ng
RT: 10.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

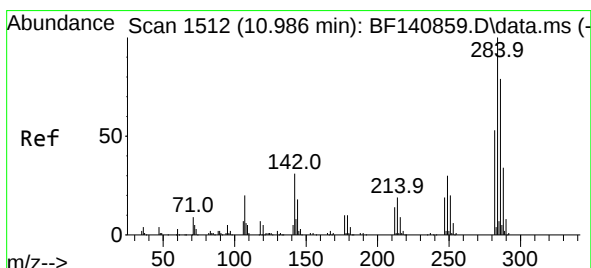
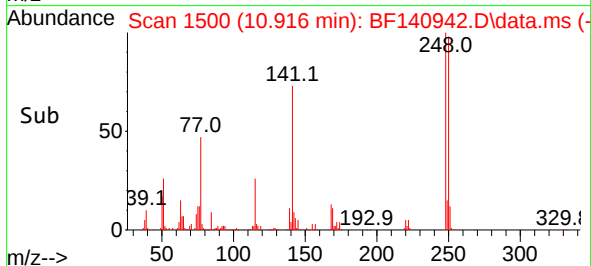
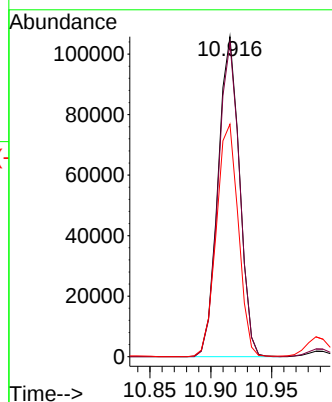
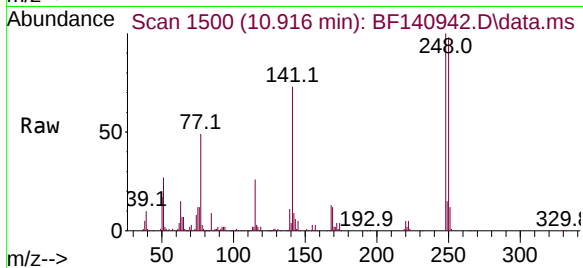
SSTDCCC040

Tgt Ion:248 Resp: 129825
Ion Ratio Lower Upper
248 100
250 98.1 77.4 116.2
141 72.6 62.9 94.3

Manual Integrations

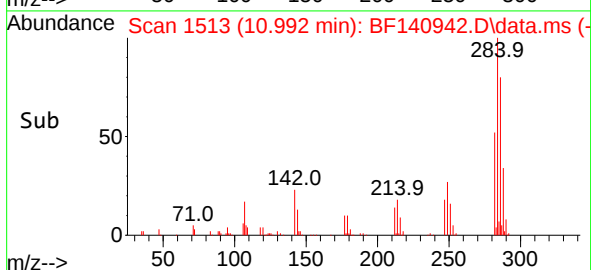
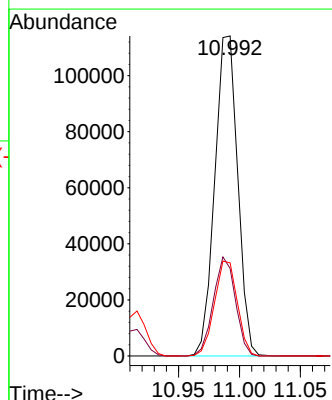
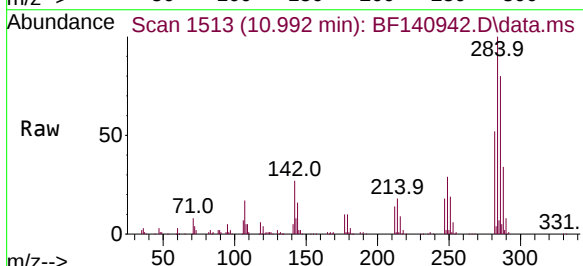
APPROVED

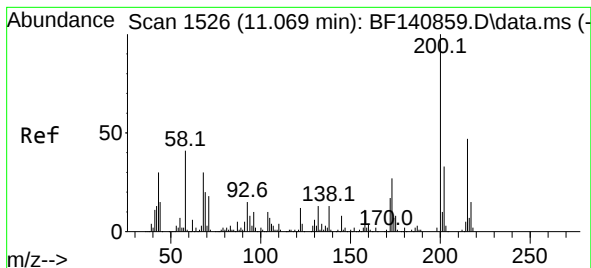
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#68
Hexachlorobenzene
Concen: 41.697 ng
RT: 10.992 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion:284 Resp: 149493
Ion Ratio Lower Upper
284 100
142 27.4 24.6 36.8
249 29.1 24.3 36.5





#69

Atrazine

Concen: 33.453 ng

RT: 11.075 min Scan# 1526

Delta R.T. 0.006 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

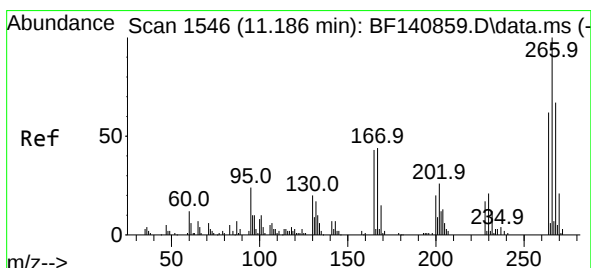
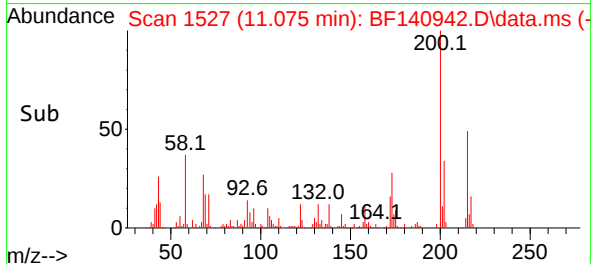
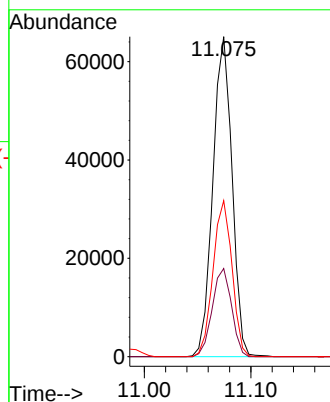
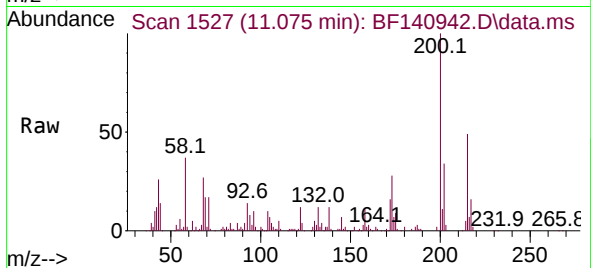
SSTDCCC040

Tgt Ion:	200	Resp:	81190
Ion Ratio	Lower	Upper	
200	100		
173	27.6	6.6	46.6
215	48.8	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#70

Pentachlorophenol

Concen: 33.287 ng

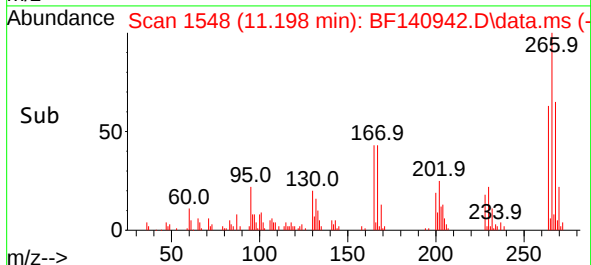
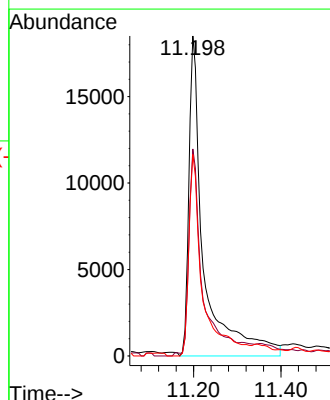
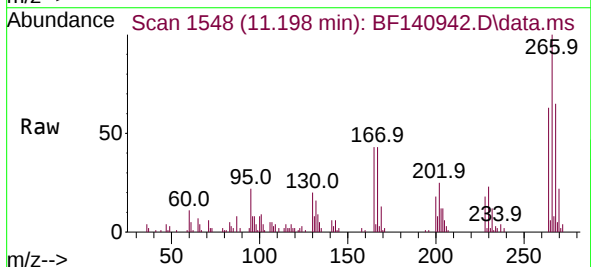
RT: 11.198 min Scan# 1548

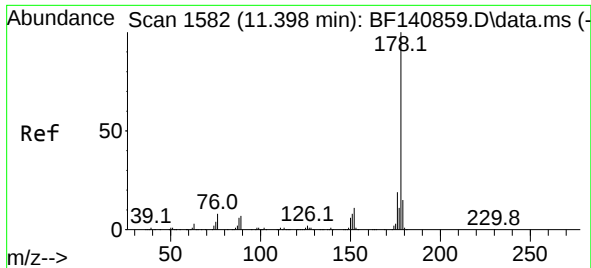
Delta R.T. 0.012 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

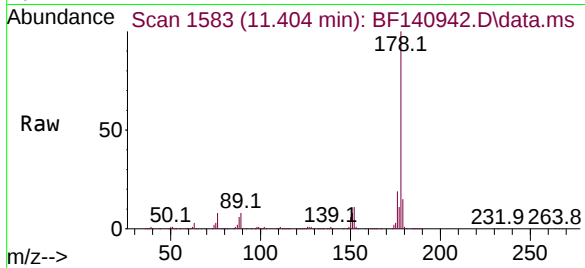
Tgt Ion:	266	Resp:	43633
Ion Ratio	Lower	Upper	
266	100		
268	64.7	54.0	81.0
264	63.0	49.4	74.2





#71
Phenanthrene
Concen: 38.164 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

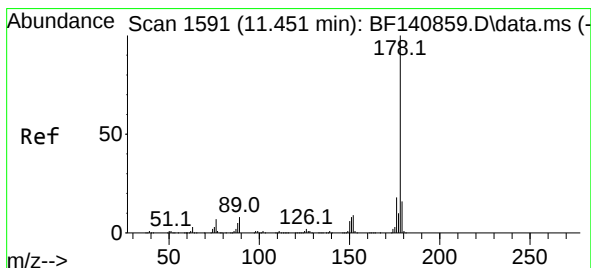
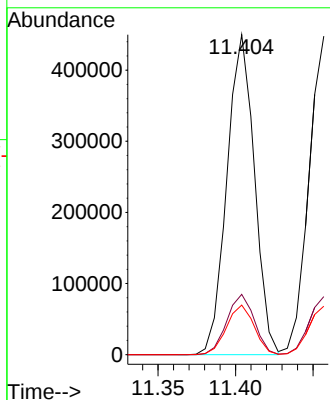
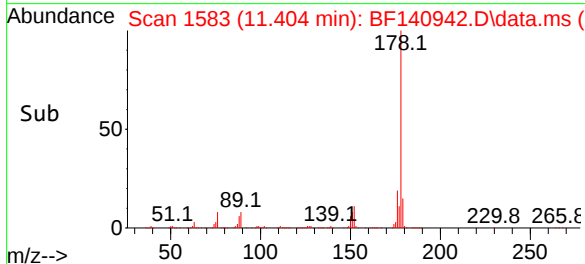
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



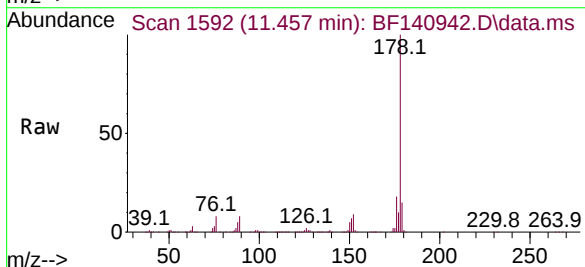
Tgt Ion:178 Resp: 55474
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.5 12.1 18.1

Manual Integrations
APPROVED

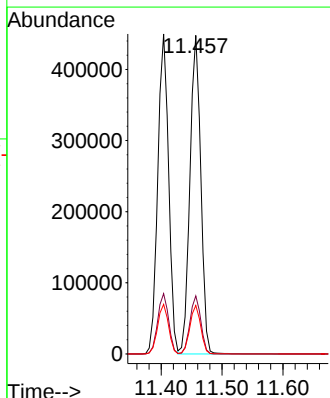
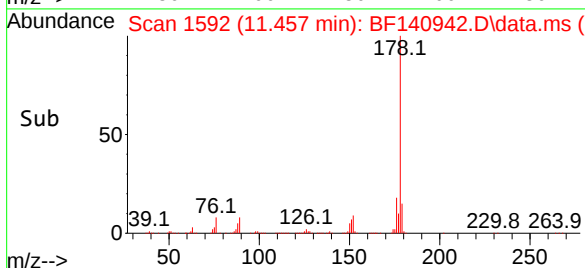
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

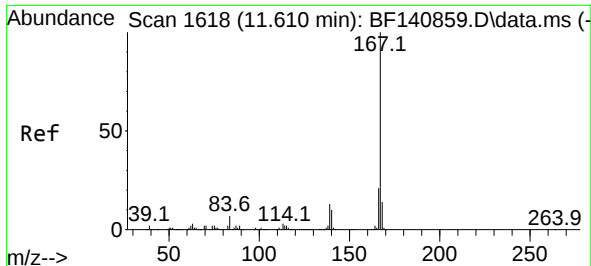


#72
Anthracene
Concen: 38.826 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15



Tgt Ion:178 Resp: 555785
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 15.2 12.6 18.8





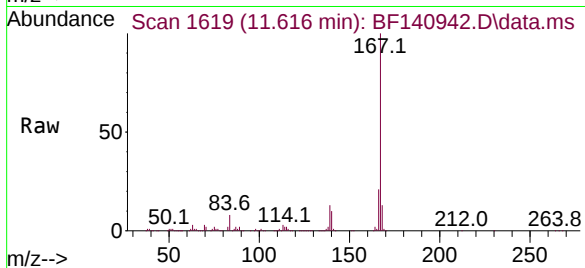
#73
 Carbazole
 Concen: 38.449 ng
 RT: 11.616 min Scan# 1619
 Delta R.T. 0.006 min
 Lab File: BF140942.D
 Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

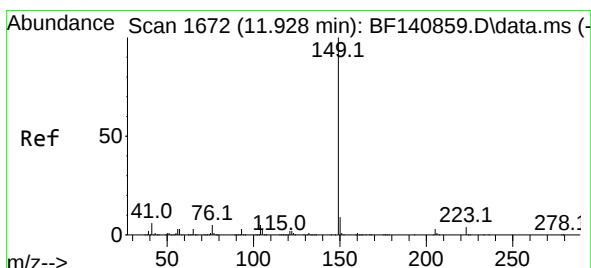
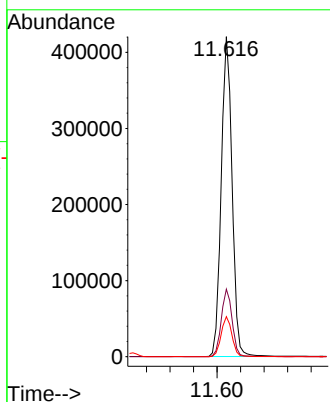
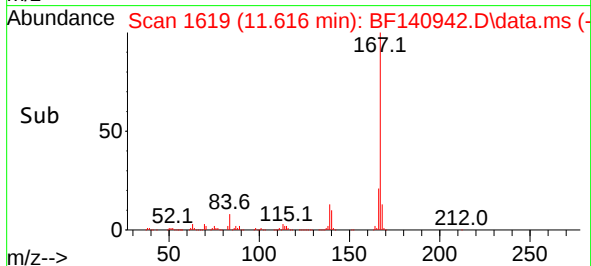


Tgt Ion:167 Resp: 539092
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 12.5 10.2 15.2

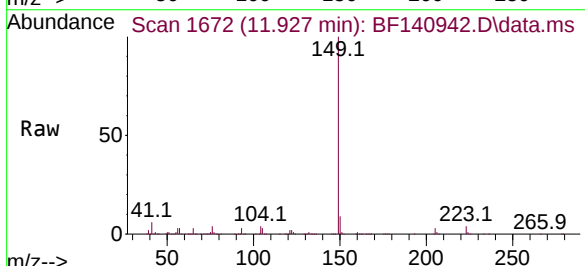
Manual Integrations

APPROVED

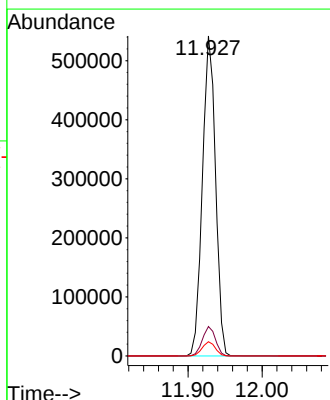
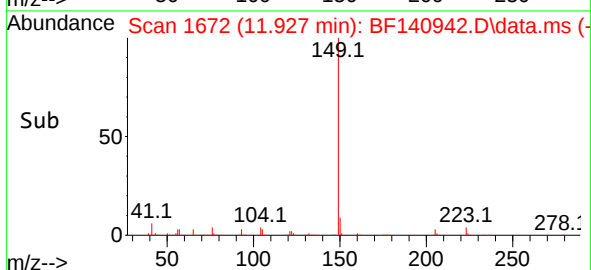
Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

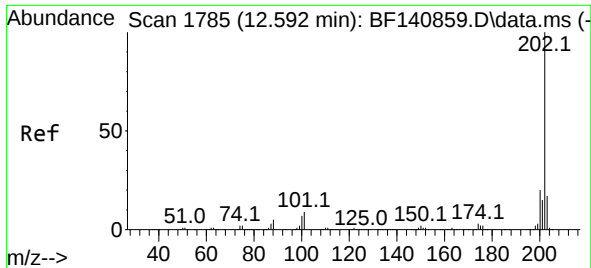


#74
 Di-n-butylphthalate
 Concen: 40.470 ng
 RT: 11.927 min Scan# 1672
 Delta R.T. -0.000 min
 Lab File: BF140942.D
 Acq: 20 Dec 2024 11:15



Tgt Ion:149 Resp: 665945
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.5 3.8 5.8





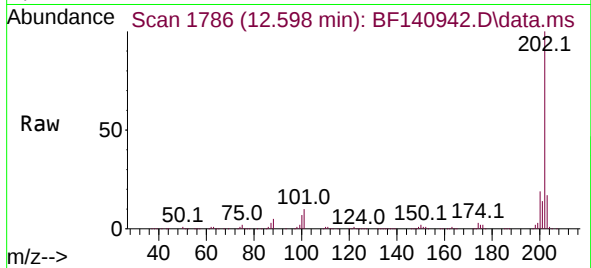
#75
Fluoranthene
Concen: 36.586 ng
RT: 12.598 min Scan# 1786
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

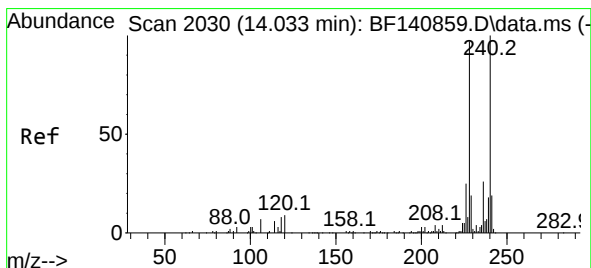
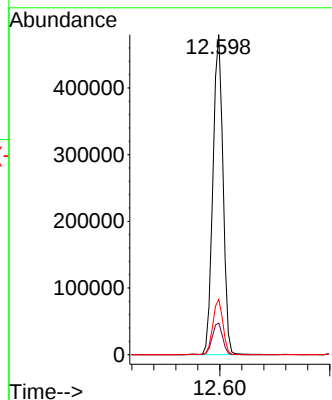
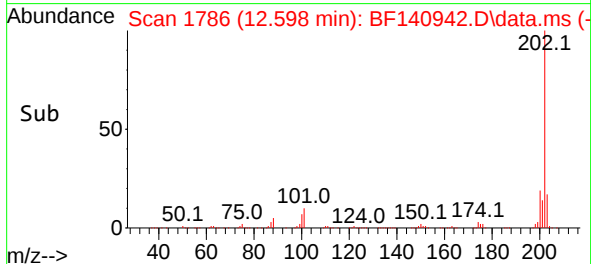


Tgt Ion:202 Resp: 612458
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.3
203 17.3 0.0 37.4

Manual Integrations

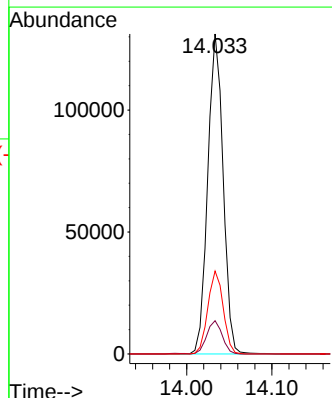
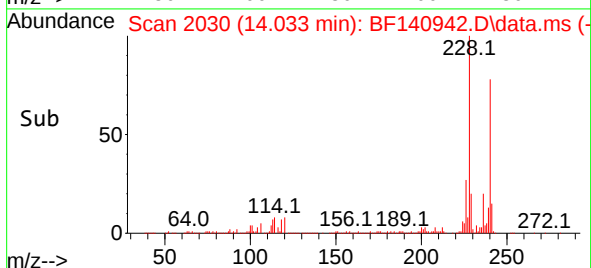
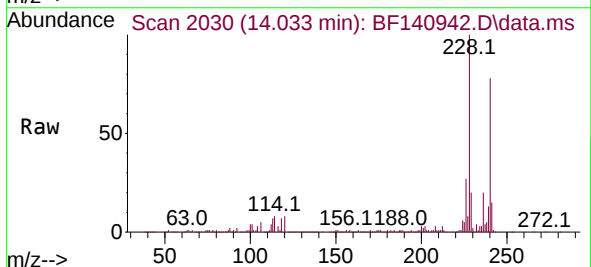
APPROVED

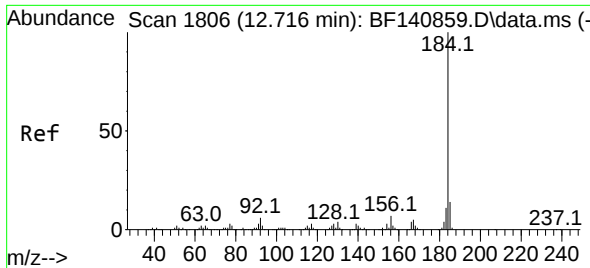
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

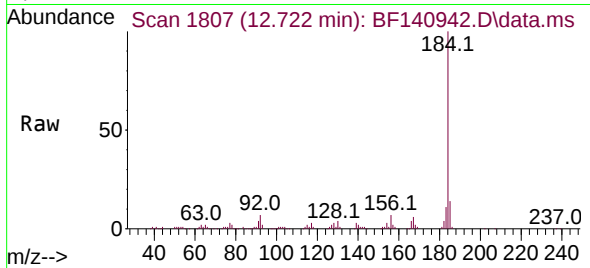
Tgt Ion:240 Resp: 164316
Ion Ratio Lower Upper
240 100
120 10.4 7.6 11.4
236 25.9 20.5 30.7





#77
Benzidine
Concen: 34.399 ng
RT: 12.722 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

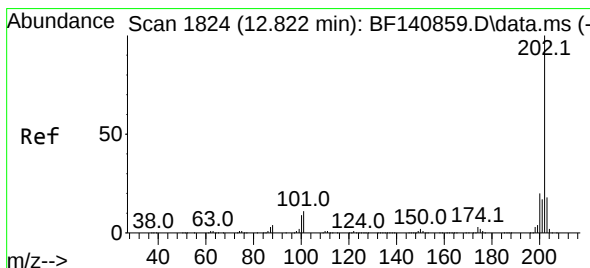
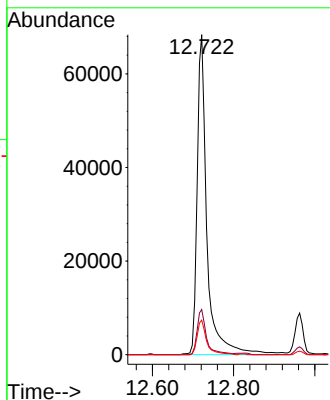
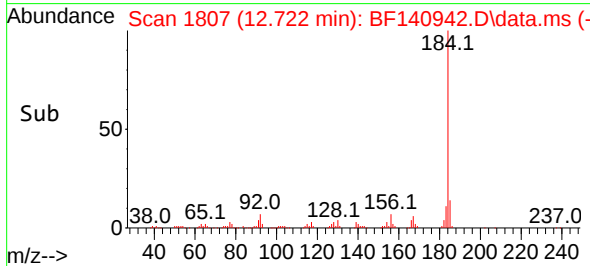
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



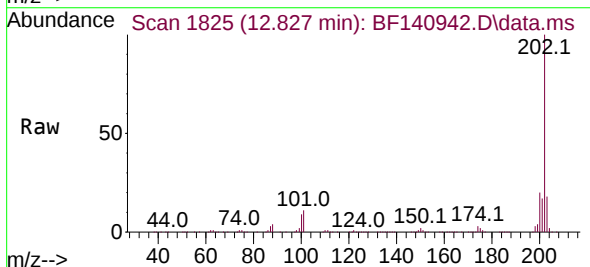
Tgt Ion:184 Resp: 11536
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 10.8 9.0 13.4

Manual Integrations
APPROVED

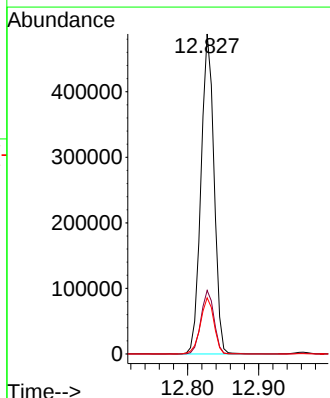
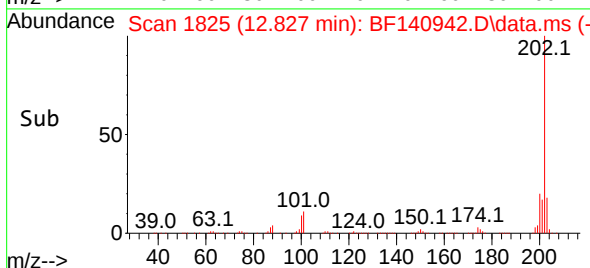
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

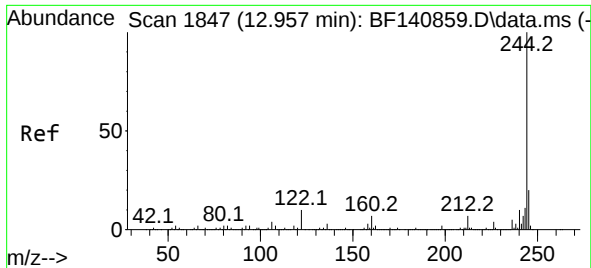


#78
Pyrene
Concen: 42.817 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15



Tgt Ion:202 Resp: 625636
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.6 14.2 21.4





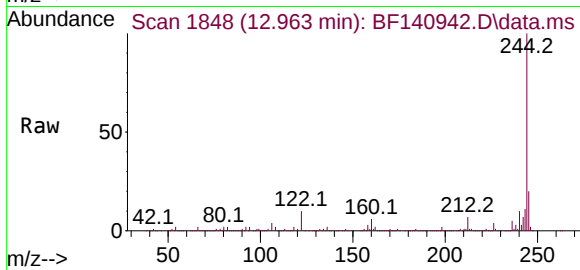
#79
Terphenyl-d14
Concen: 87.865 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

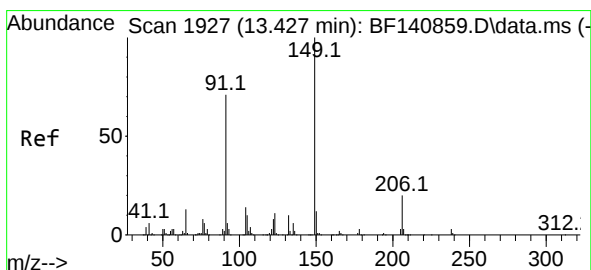
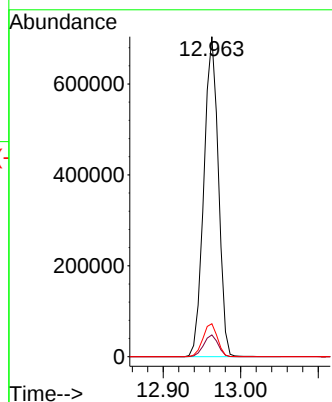
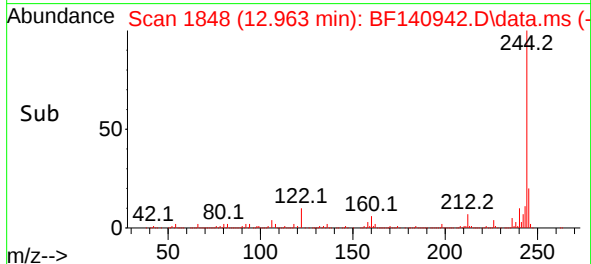


Tgt Ion:244 Resp: 915592
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.3 8.2 12.2

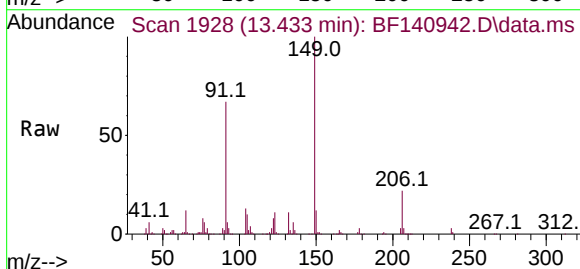
Manual Integrations

APPROVED

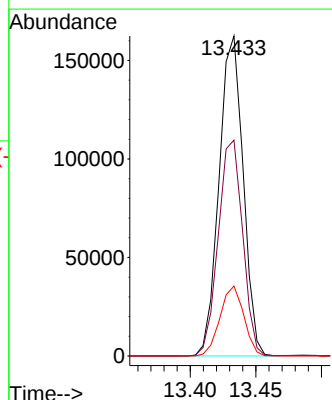
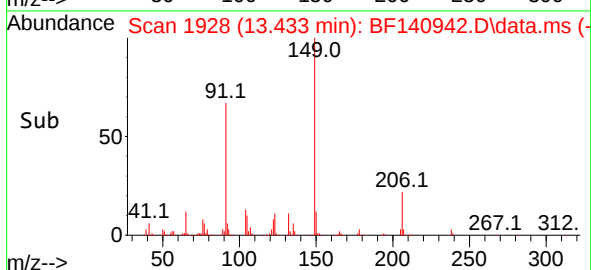
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

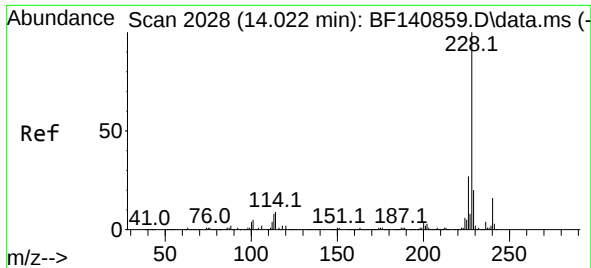


#80
Butylbenzylphthalate
Concen: 38.545 ng
RT: 13.433 min Scan# 1928
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15



Tgt Ion:149 Resp: 207238
Ion Ratio Lower Upper
149 100
91 67.4 56.7 85.1
206 21.8 16.4 24.6





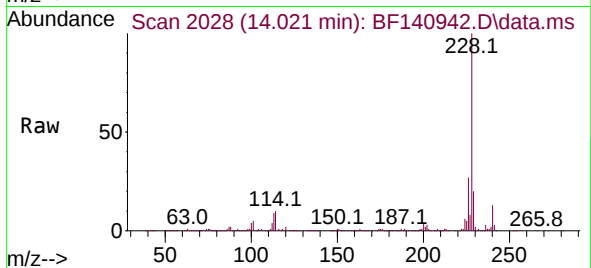
#81
Benzo(a)anthracene
Concen: 38.254 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

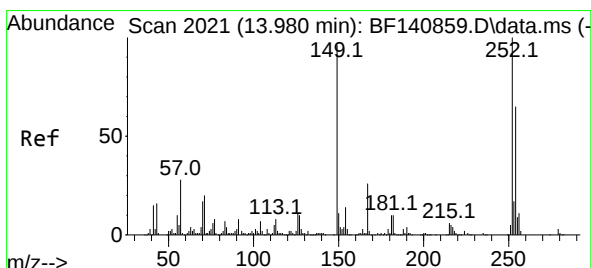
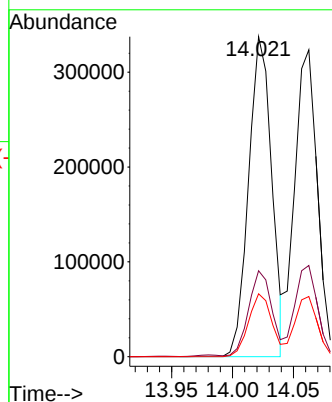
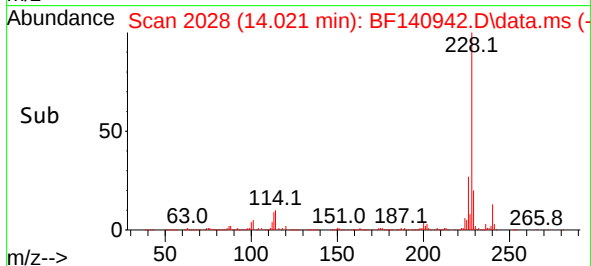


Tgt Ion:228 Resp: 445495
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.7 15.8 23.8

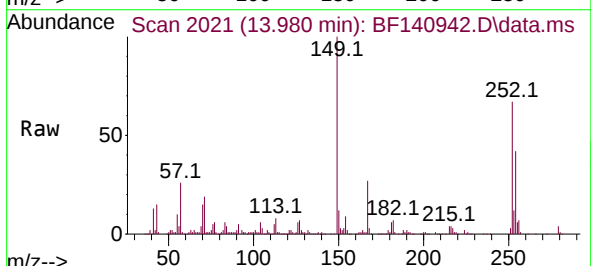
Manual Integrations

APPROVED

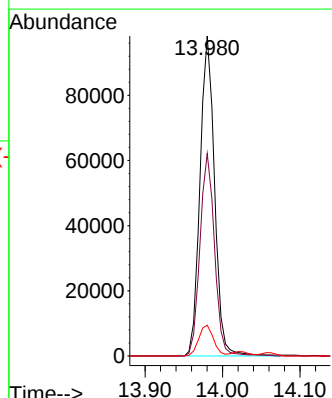
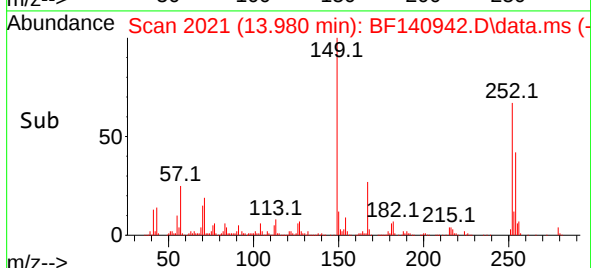
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

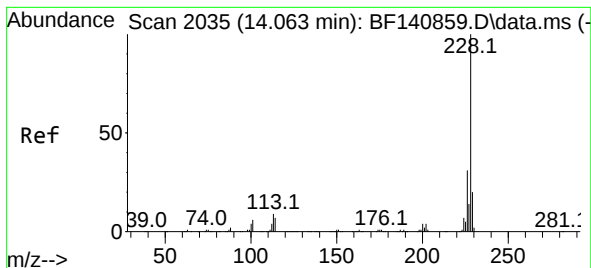


#82
3,3'-Dichlorobenzidine
Concen: 36.483 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15



Tgt Ion:252 Resp: 128185
Ion Ratio Lower Upper
252 100
254 63.3 52.3 78.5
126 9.6 8.4 12.6





#83

Chrysene

Concen: 39.695 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

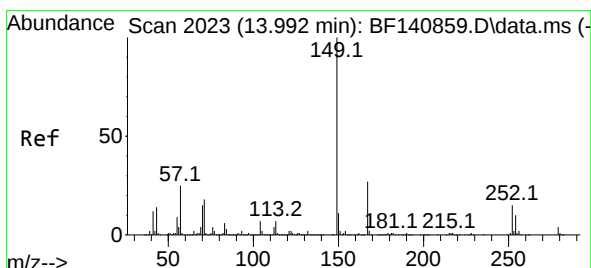
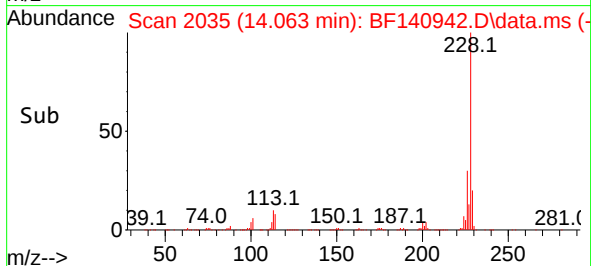
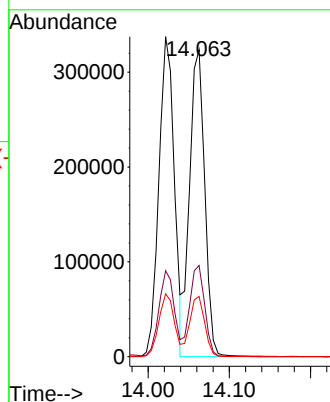
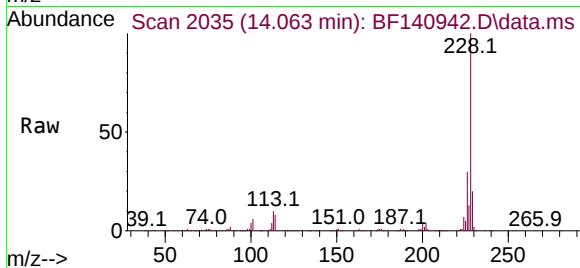
Tgt Ion:228 Resp: 42036

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.6	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.409 ng

RT: 13.986 min Scan# 2022

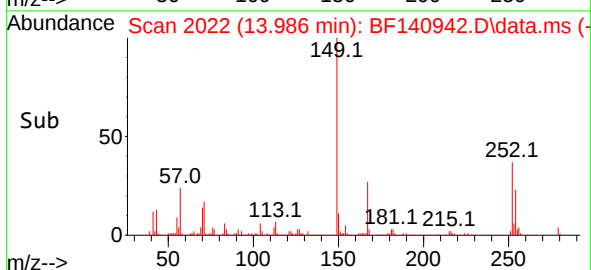
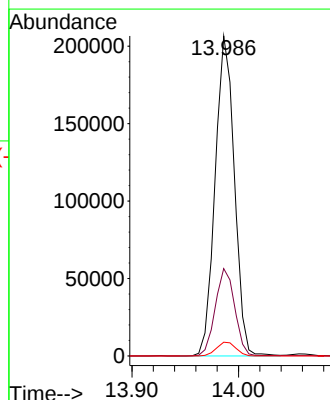
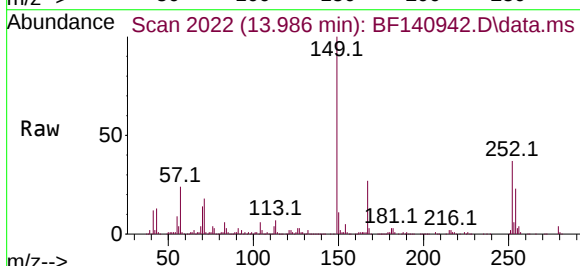
Delta R.T. -0.006 min

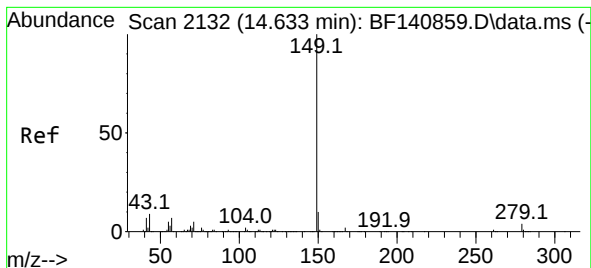
Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Tgt Ion:149 Resp: 259339

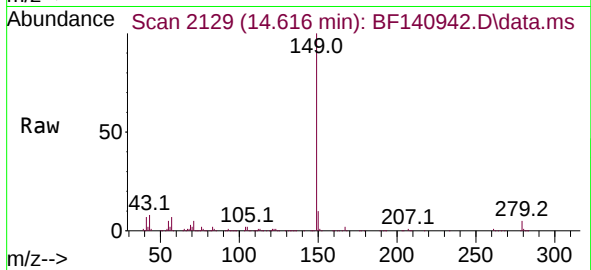
Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.8	32.8
279	4.3	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 32.062 ng
RT: 14.616 min Scan# 2132
Delta R.T. -0.018 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

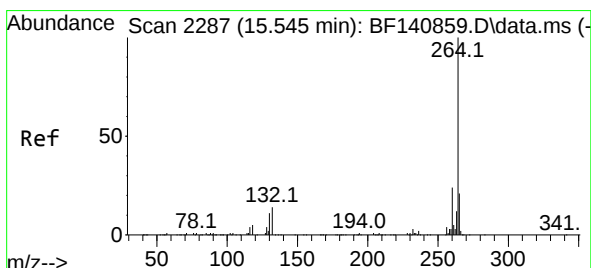
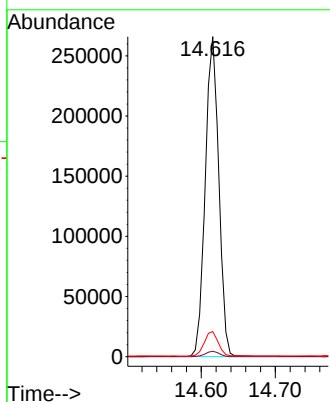
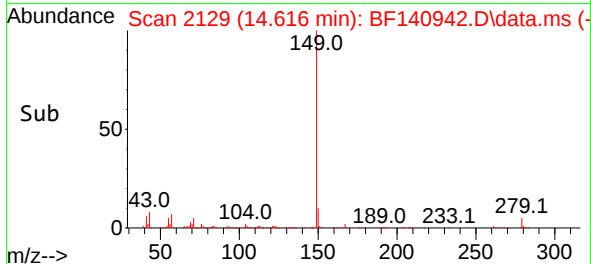
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 336272
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.1 7.0 10.6

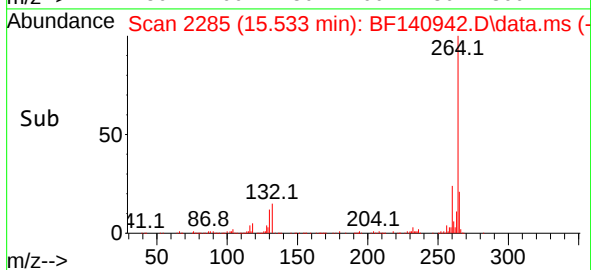
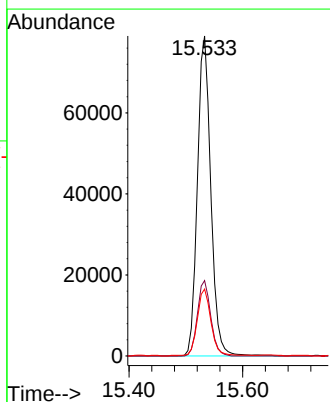
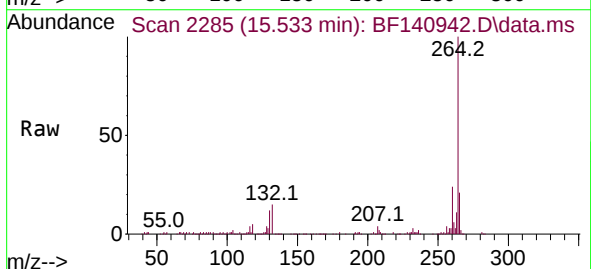
Manual Integrations
APPROVED

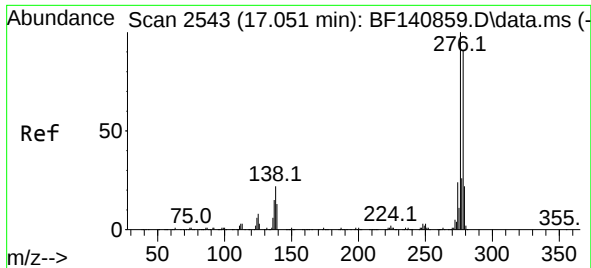
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion:264 Resp: 129329
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 20.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.437 ng
RT: 17.051 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

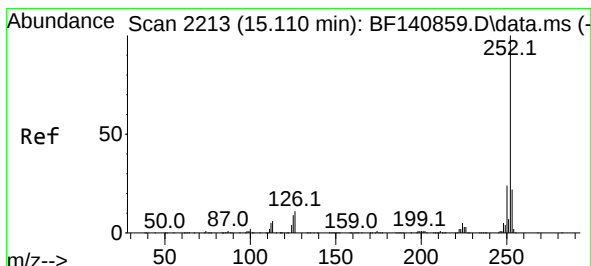
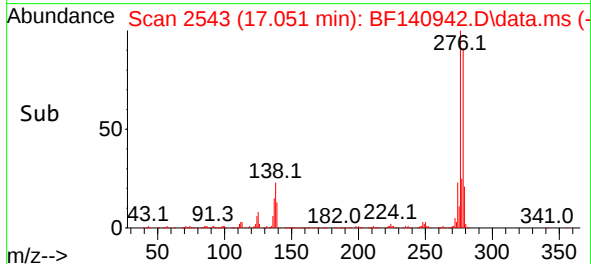
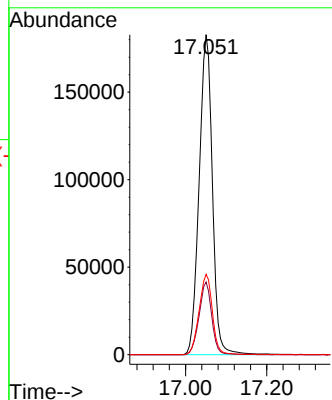
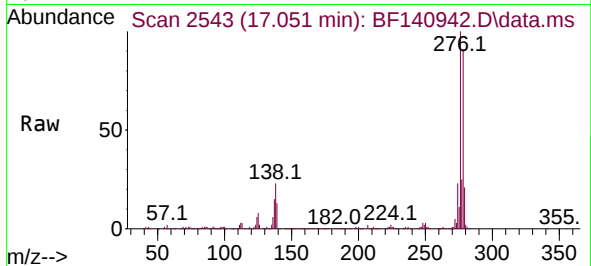
SSTDCCC040

Tgt Ion:276 Resp: 41512
Ion Ratio Lower Upper
276 100
138 21.8 16.9 25.3
277 25.2 20.2 30.4

Manual Integrations

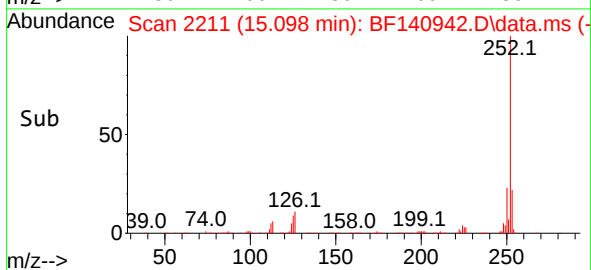
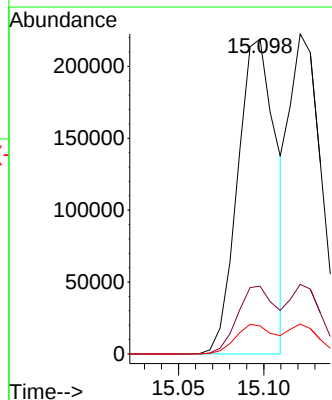
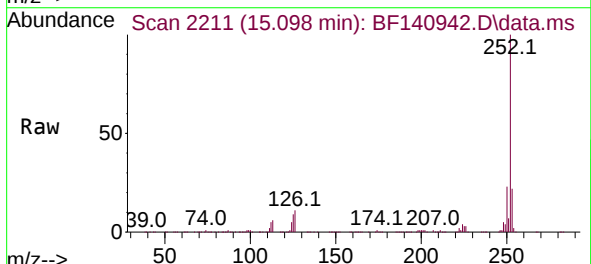
APPROVED

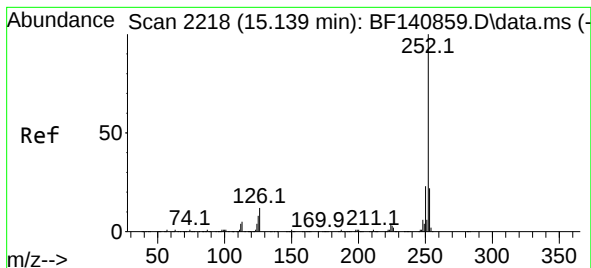
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#88
Benzo(b)fluoranthene
Concen: 38.004 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion:252 Resp: 341178
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 8.9 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 37.736 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 29059

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

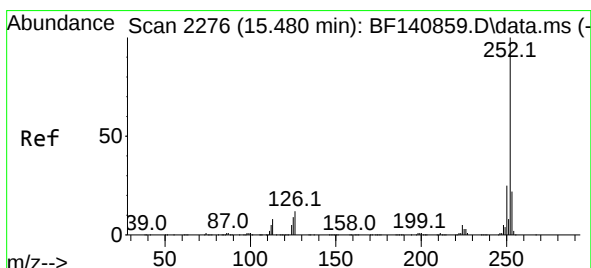
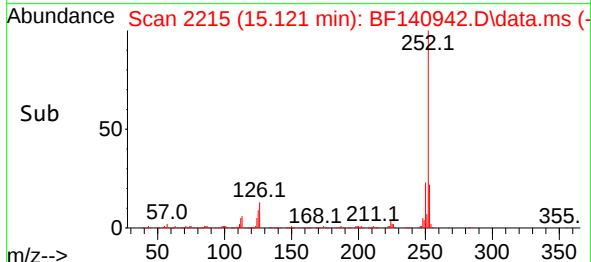
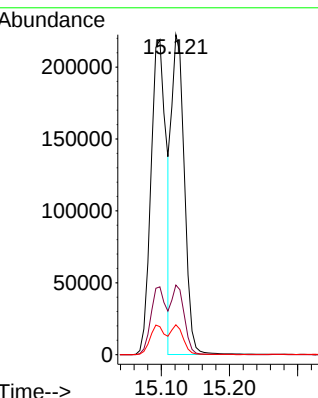
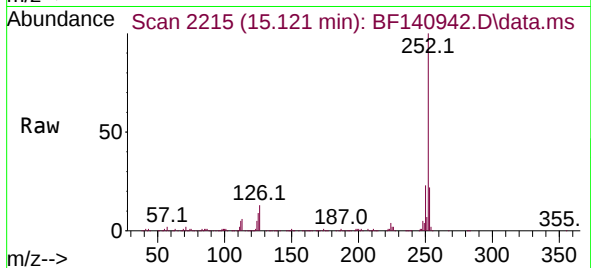
125 9.3 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024

Supervised By :mohammad ahmed 12/24/2024



#90

Benzo(a)pyrene

Concen: 39.241 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.012 min

Lab File: BF140942.D

Acq: 20 Dec 2024 11:15

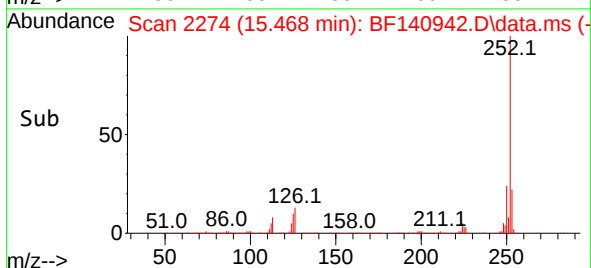
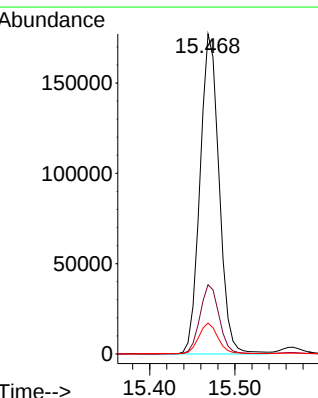
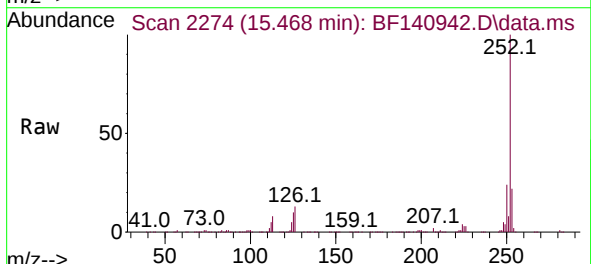
Tgt Ion:252 Resp: 275845

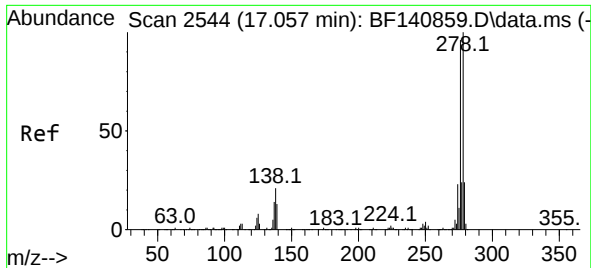
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.6 7.5 11.3





#91
Dibenzo(a,h)anthracene
Concen: 51.627 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Instrument :

BNA_F

ClientSampleId :

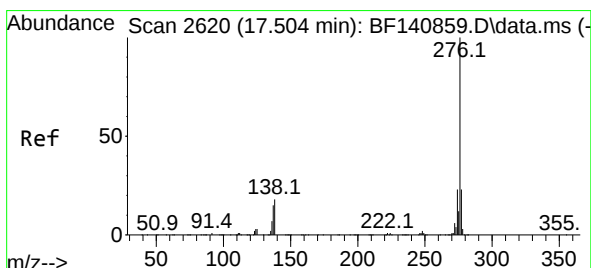
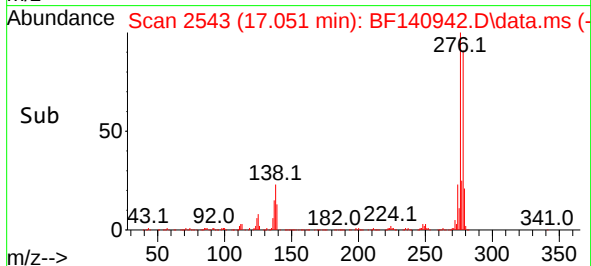
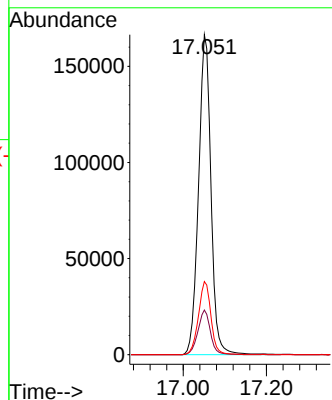
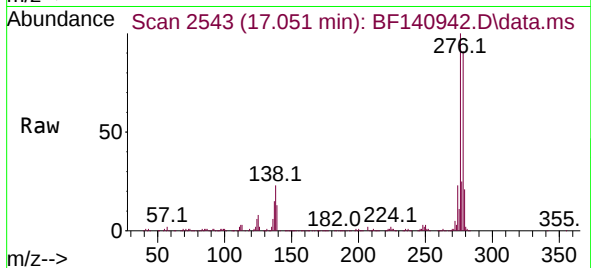
SSTDCCC040

Tgt Ion:278 Resp: 34518
Ion Ratio Lower Upper
278 100
139 13.9 10.6 16.0
279 22.9 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#92
Benzo(g,h,i)perylene
Concen: 48.503 ng
RT: 17.509 min Scan# 2621
Delta R.T. 0.006 min
Lab File: BF140942.D
Acq: 20 Dec 2024 11:15

Tgt Ion:276 Resp: 330062
Ion Ratio Lower Upper
276 100
277 23.1 18.7 28.1
138 18.4 14.2 21.2

