

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140417.D
 Acq On : 16 Nov 2024 09:34
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 18 00:04:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	171491	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	639592	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	364979	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	687284	20.000	ng	0.00
76) Chrysene-d12	14.051	240	387415	20.000	ng	0.00
86) Perylene-d12	15.545	264	336604	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	787994	78.454	ng	0.01
7) Phenol-d6	6.522	99	1049788	77.144	ng	0.02
23) Nitrobenzene-d5	7.445	82	962351	78.395	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	289499	79.764	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1729565	76.179	ng	0.00
79) Terphenyl-d14	12.992	244	1850283	82.901	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	172832	38.608	ng	99
3) Pyridine	3.416	79	428144	38.903	ng	99
4) n-Nitrosodimethylamine	3.375	42	215142	38.679	ng	100
6) Aniline	6.545	93	404530	34.173	ng	# 59
8) 2-Chlorophenol	6.669	128	426051	39.489	ng	98
9) Benzaldehyde	6.428	77	275132	33.734	ng	99
10) Phenol	6.534	94	541819	37.755	ng	80
11) bis(2-Chloroethyl)ether	6.616	93	424589	39.048	ng	99
12) 1,3-Dichlorobenzene	6.816	146	477931	40.148	ng	99
13) 1,4-Dichlorobenzene	6.898	146	471860	39.091	ng	99
14) 1,2-Dichlorobenzene	7.051	146	443164	39.548	ng	100
15) Benzyl Alcohol	7.022	79	386829	39.455	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	552688	36.798	ng	71
17) 2-Methylphenol	7.140	107	342515	38.591	ng	# 93
18) Hexachloroethane	7.387	117	174720	39.154	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	307154	37.372	ng	99
20) 3+4-Methylphenols	7.292	107	421150	37.942	ng	99
22) Acetophenone	7.287	105	580166	39.001	ng	99
24) Nitrobenzene	7.463	77	499492	39.081	ng	99
25) Isophorone	7.698	82	846924	38.928	ng	99
26) 2-Nitrophenol	7.775	139	233325	41.139	ng	99
27) 2,4-Dimethylphenol	7.816	122	291470m	40.141	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	526391	39.459	ng	99
29) 2,4-Dichlorophenol	8.022	162	354095	39.458	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	397157	39.752	ng	99
31) Naphthalene	8.181	128	1280078	39.453	ng	100
32) Benzoic acid	7.945	122	289465	45.304	ng	96
33) 4-Chloroaniline	8.234	127	393461	34.870	ng	100
34) Hexachlorobutadiene	8.292	225	252633	39.687	ng	99
35) Caprolactam	8.604	113	122313	41.008	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	397602	39.981	ng	100
37) 2-Methylnaphthalene	8.869	142	817627	39.301	ng	100
38) 1-Methylnaphthalene	8.969	142	800228	39.279	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	397151	39.350	ng	99
41) Hexachlorocyclopentadiene	9.022	237	95452	36.835	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	259845	39.230	ng	99

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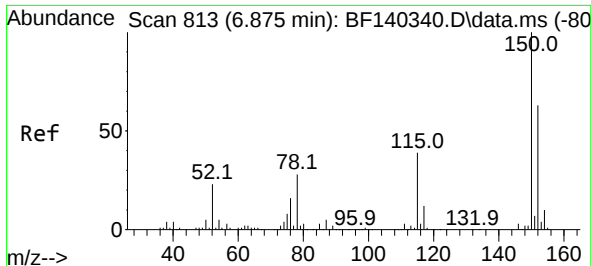
Manual Integrations
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 Supervised By :mohammad ahmed 11/19/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	287468	39.696	ng	98
46) 1,1'-Biphenyl	9.334	154	1020486	38.433	ng	100
47) 2-Chloronaphthalene	9.363	162	779794	38.553	ng	99
48) 2-Nitroaniline	9.457	65	263815	39.329	ng	97
49) Acenaphthylene	9.781	152	1182571	38.643	ng	100
50) Dimethylphthalate	9.633	163	927828	39.001	ng	100
51) 2,6-Dinitrotoluene	9.704	165	214746	39.596	ng	97
52) Acenaphthene	9.951	154	800838	38.745	ng	99
53) 3-Nitroaniline	9.875	138	216865	38.075	ng	100
54) 2,4-Dinitrophenol	9.981	184	118699	42.441	ng	98
55) Dibenzofuran	10.122	168	1128530	38.569	ng	100
56) 4-Nitrophenol	10.045	139	161221	38.806	ng	97
57) 2,4-Dinitrotoluene	10.104	165	285597	40.012	ng	99
58) Fluorene	10.463	166	891798	38.581	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	231741	40.529	ng	98
60) Diethylphthalate	10.333	149	957261	39.351	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	443760	38.886	ng	98
62) 4-Nitroaniline	10.486	138	233091	40.025	ng	98
63) Azobenzene	10.616	77	913925	38.024	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	162374	43.912	ng	99
66) n-Nitrosodiphenylamine	10.575	169	770535	38.802	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	272428	39.654	ng	99
68) Hexachlorobenzene	11.016	284	307743	39.812	ng	97
69) Atrazine	11.104	200	210416	35.023	ng	99
70) Pentachlorophenol	11.210	266	167682	40.271	ng	99
71) Phenanthrene	11.433	178	1234090	38.224	ng	100
72) Anthracene	11.480	178	1223863	38.679	ng	100
73) Carbazole	11.639	167	1206562	38.618	ng	100
74) Di-n-butylphthalate	11.963	149	1497471	39.934	ng	100
75) Fluoranthene	12.622	202	1392952	38.456	ng	99
77) Benzidine	12.739	184	403532	27.139	ng	99
78) Pyrene	12.851	202	1398048	42.188	ng	100
80) Butylbenzylphthalate	13.463	149	562104	44.155	ng	97
81) Benzo(a)anthracene	14.039	228	1030059	40.455	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	306565	37.880	ng	99
83) Chrysene	14.080	228	867443	37.339	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	742638	43.706	ng	99
85) Di-n-octyl phthalate	14.645	149	987420	41.261	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	851380	40.946	ng	100
88) Benzo(b)fluoranthene	15.110	252	814060	36.971	ng	99
89) Benzo(k)fluoranthene	15.139	252	715432	39.773	ng	99
90) Benzo(a)pyrene	15.480	252	672678	39.340	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	707111	41.141	ng	99
92) Benzo(g,h,i)perylene	17.509	276	709860	40.399	ng	100

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



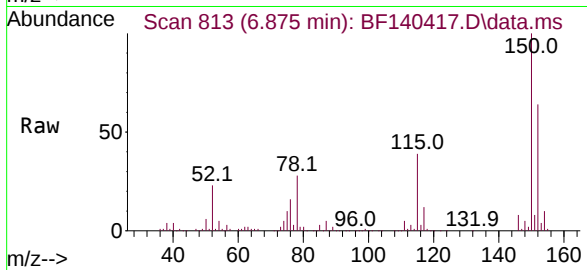
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

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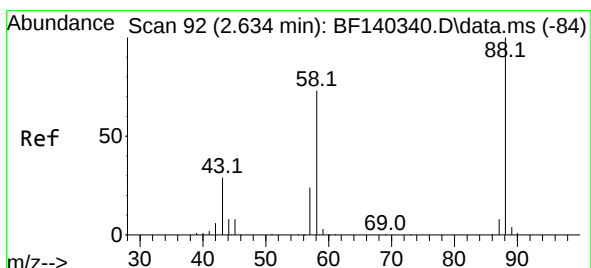
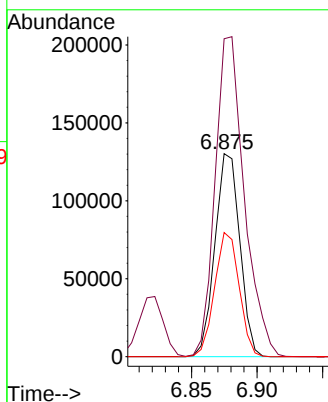
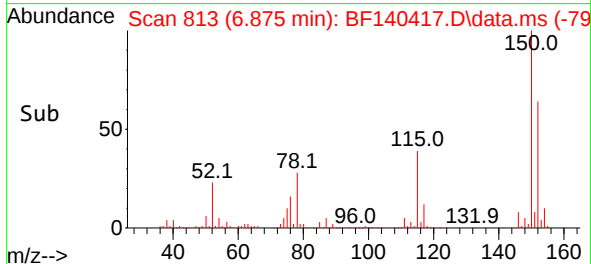
Tgt Ion:152 Resp: 17149
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.0
115 61.1 47.4 71.2

Manual Integrations

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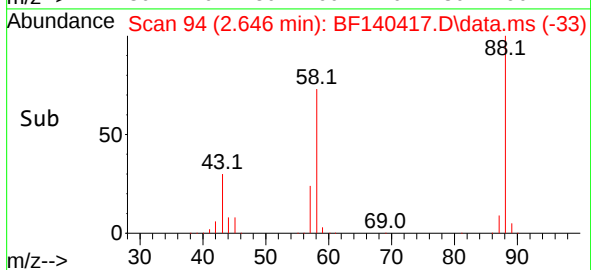
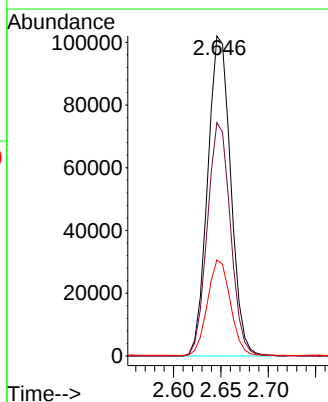
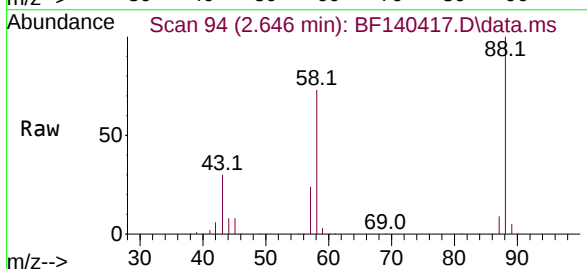
Reviewed By :Yogesh Patel 11/19/2024

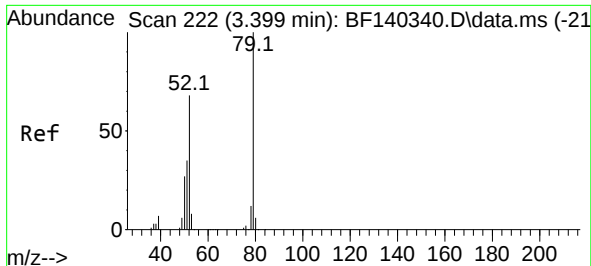
Supervised By :mohammad ahmed 11/19/2024



#2
1,4-Dioxane
Concen: 38.608 ng
RT: 2.646 min Scan# 94
Delta R.T. 0.012 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Tgt Ion: 88 Resp: 172832
Ion Ratio Lower Upper
88 100
58 73.2 59.5 89.3
43 29.7 23.4 35.2





#3

Pyridine

Concen: 38.903 ng

RT: 3.416 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 428144

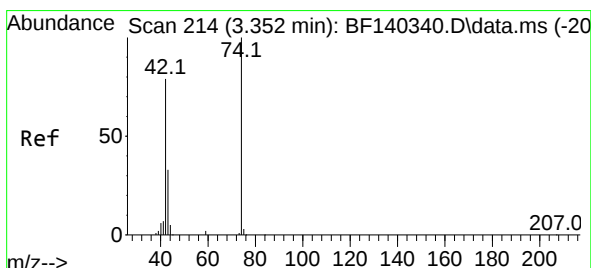
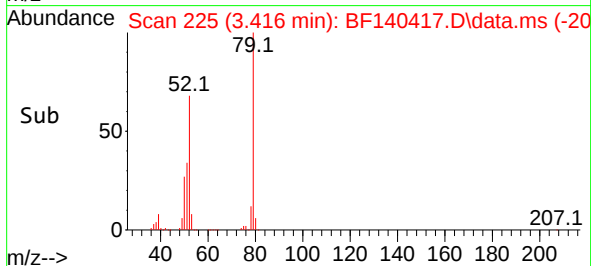
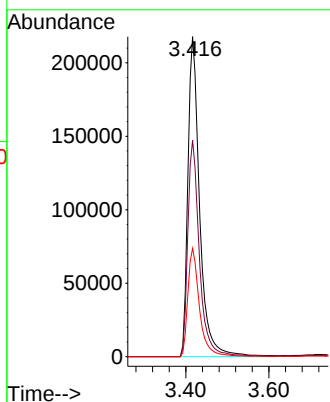
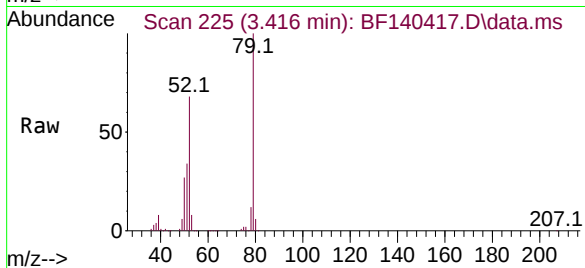
Ion	Ratio	Lower	Upper
79	100		
52	67.7	53.8	80.6
51	33.8	27.3	40.9

Manual Integrations

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Supervised By :mohammad ahmed 11/19/2024



#4

n-Nitrosodimethylamine

Concen: 38.679 ng

RT: 3.375 min Scan# 218

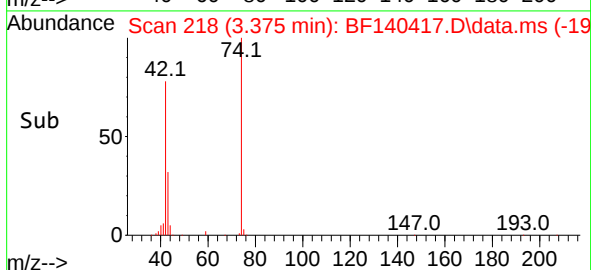
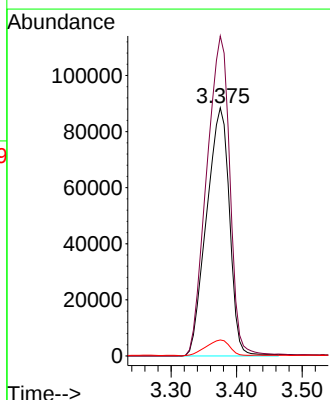
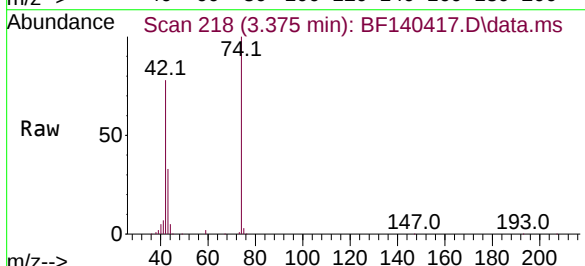
Delta R.T. 0.018 min

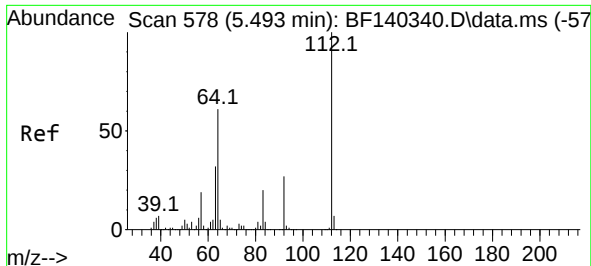
Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

Tgt Ion: 42 Resp: 215142

Ion	Ratio	Lower	Upper
42	100		
74	129.0	103.5	155.3
44	6.5	5.1	7.7





#5
2-Fluorophenol
Concen: 78.454 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

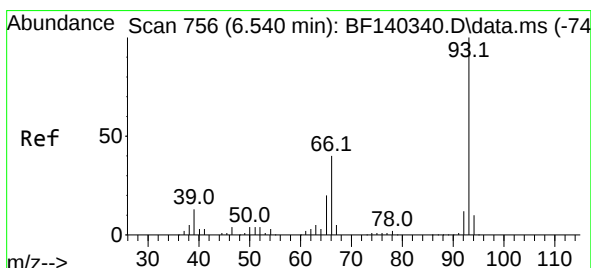
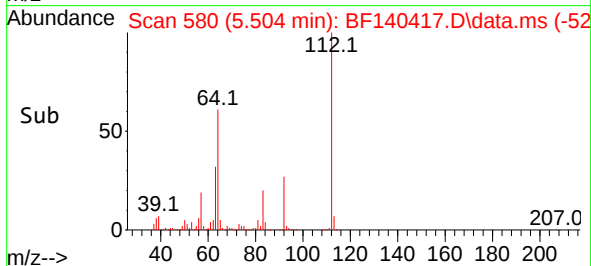
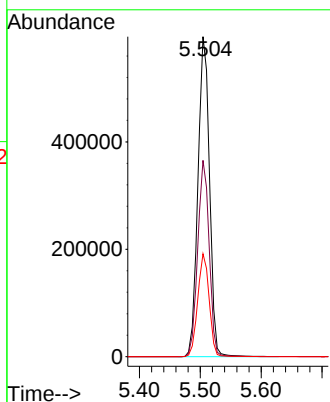
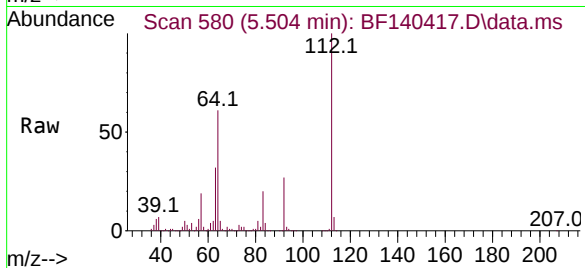
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 787994
Ion Ratio Lower Upper
112 100
64 61.3 49.2 73.8
63 32.1 25.6 38.4

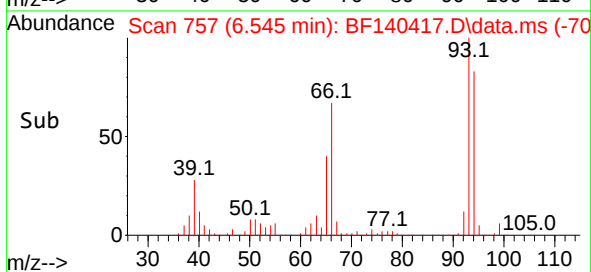
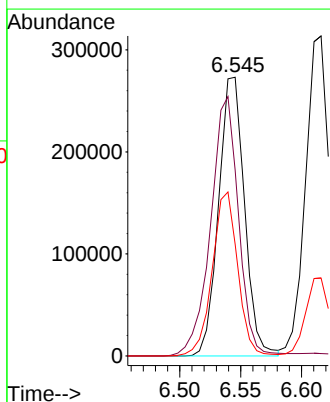
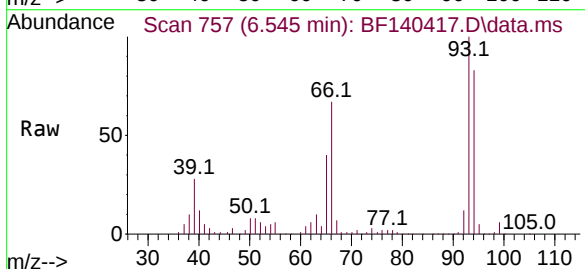
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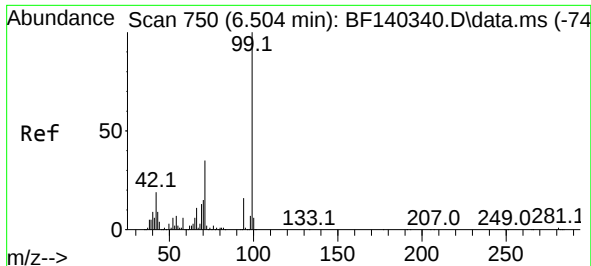
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#6
Aniline
Concen: 34.173 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

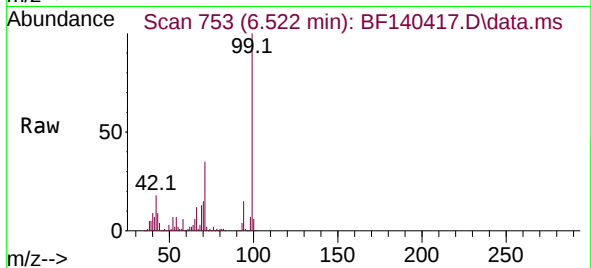
Tgt Ion: 93 Resp: 404530
Ion Ratio Lower Upper
93 100
66 66.7 32.8 49.2#
65 40.1 16.6 25.0#





#7
Phenol-d6
Concen: 77.144 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.018 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

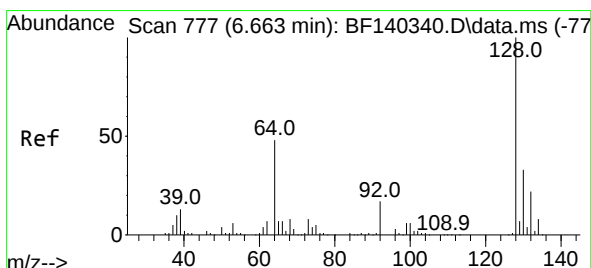
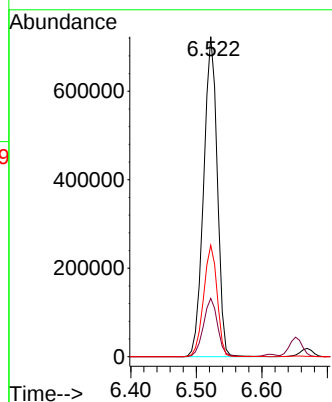
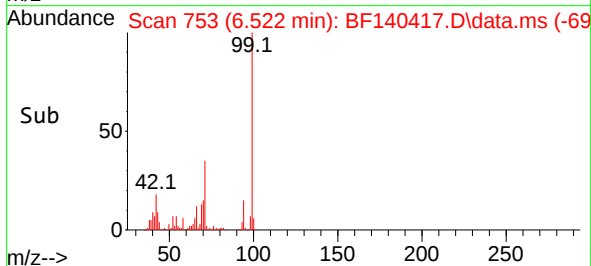
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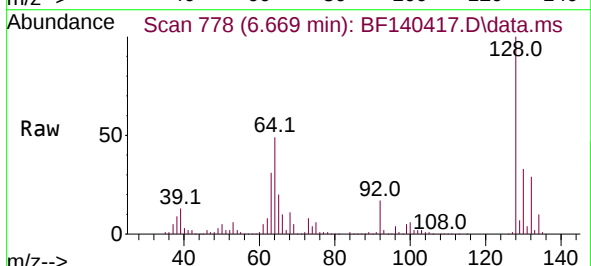
Tgt Ion: 99 Resp: 104978
Ion Ratio Lower Upper
99 100
42 18.2 15.1 22.7
71 34.8 27.9 41.9

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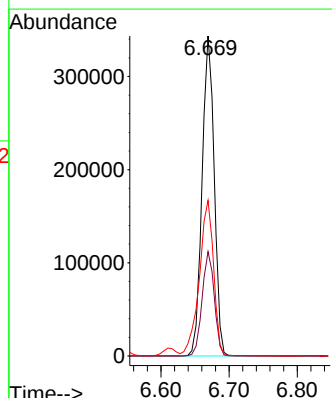
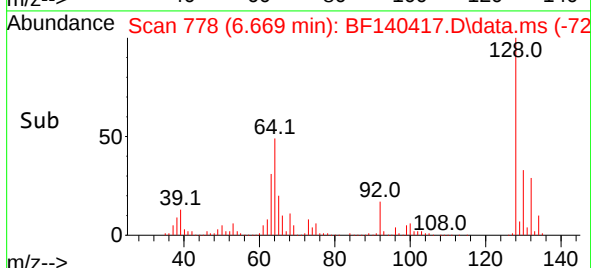
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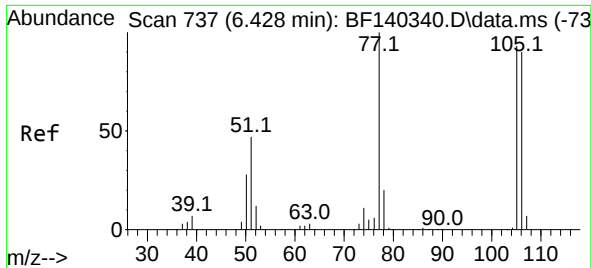


#8
2-Chlorophenol
Concen: 39.489 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34



Tgt Ion:128 Resp: 426051
Ion Ratio Lower Upper
128 100
130 32.6 12.2 52.2
64 48.6 30.2 70.2





#9
Benzaldehyde
Concen: 33.734 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

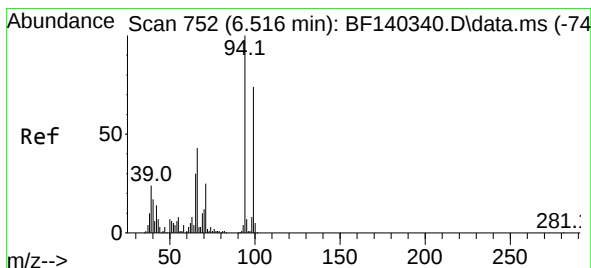
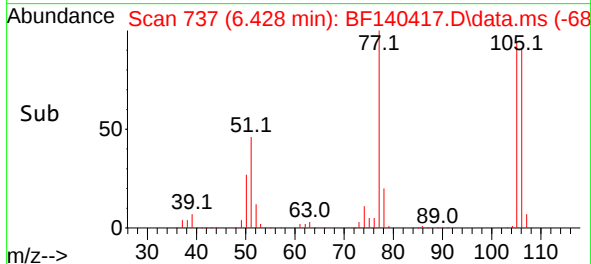
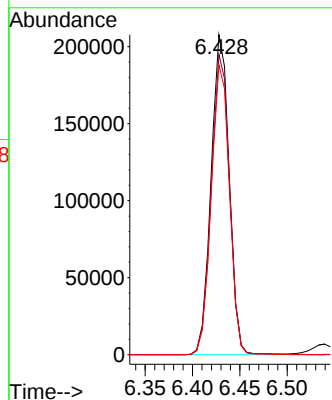
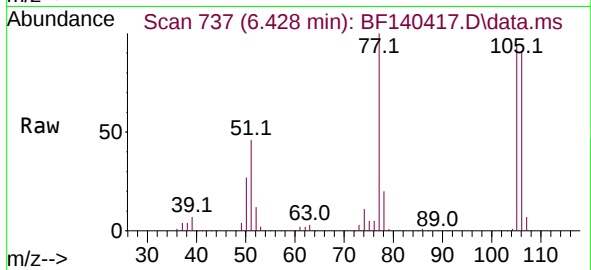
Tgt Ion: 77 Resp: 27513
Ion Ratio Lower Upper
77 100
105 93.9 74.4 114.4
106 90.5 69.9 109.9

Manual Integrations

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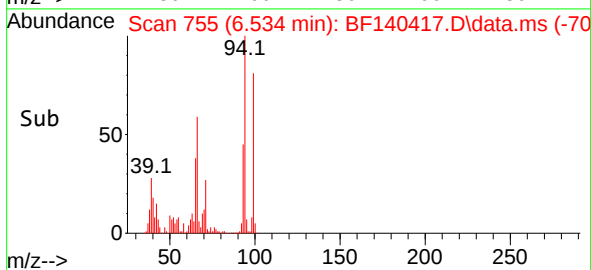
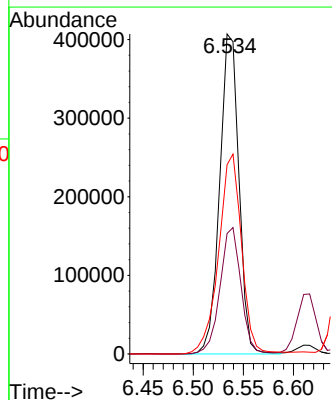
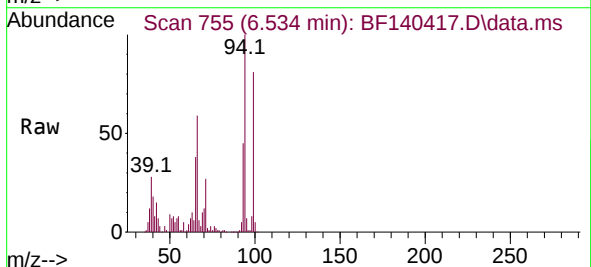
Reviewed By :Yogesh Patel 11/19/2024

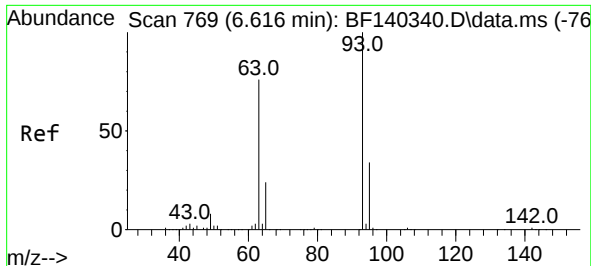
Supervised By :mohammad ahmed 11/19/2024



#10
Phenol
Concen: 37.755 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Tgt Ion: 94 Resp: 541819
Ion Ratio Lower Upper
94 100
65 37.6 10.4 50.4
66 59.1 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 39.048 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

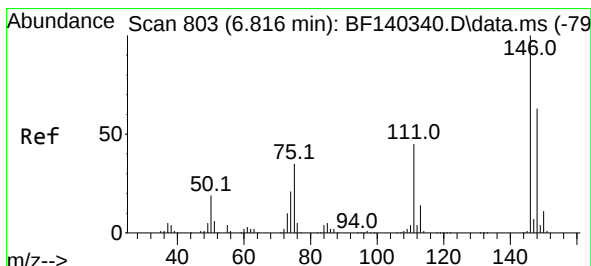
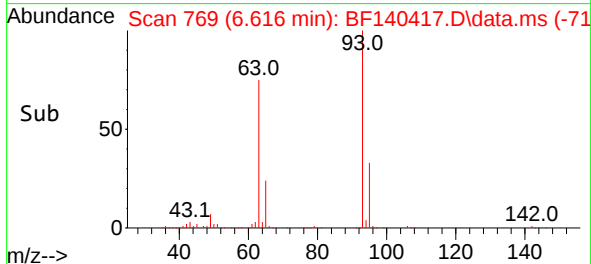
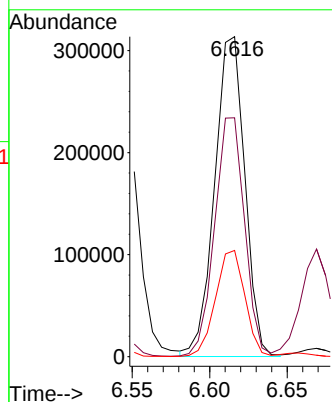
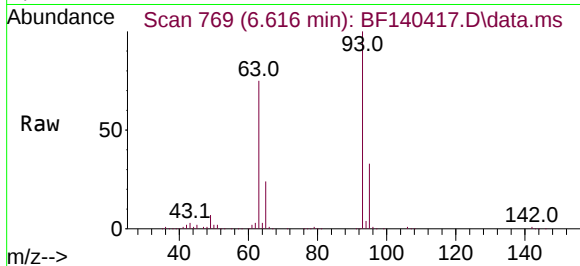
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 424589
Ion Ratio Lower Upper
93 100
63 74.7 54.0 94.0
95 33.2 12.9 52.9

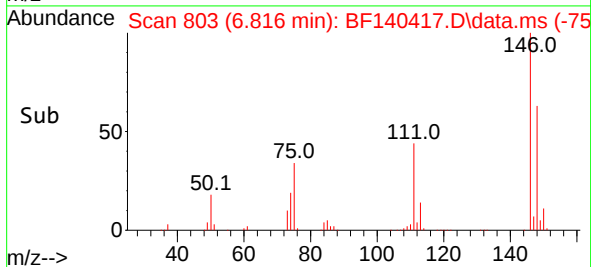
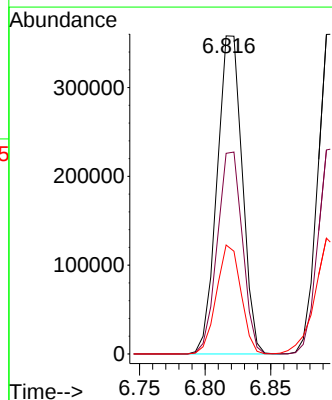
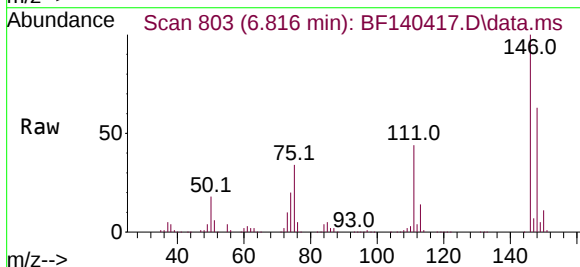
Manual Integrations
APPROVED

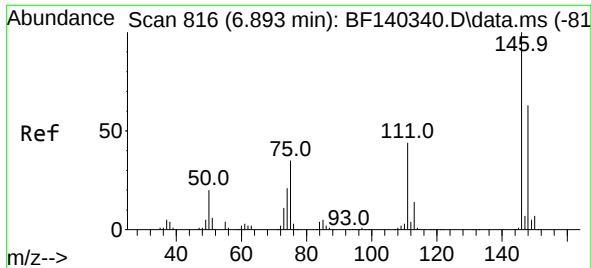
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#12
1,3-Dichlorobenzene
Concen: 40.148 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

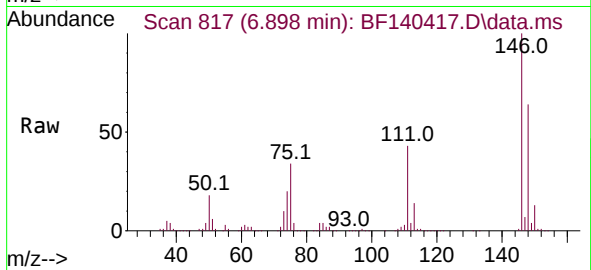
Tgt Ion:146 Resp: 477931
Ion Ratio Lower Upper
146 100
148 63.1 50.7 76.1
75 34.3 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 39.091 ng
RT: 6.898 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

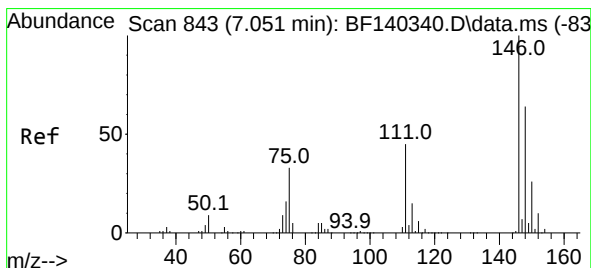
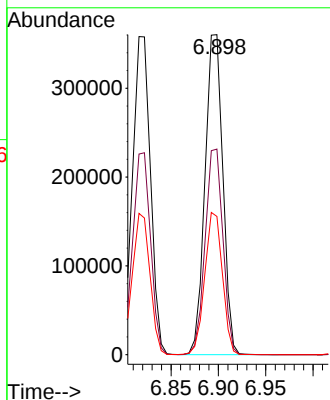
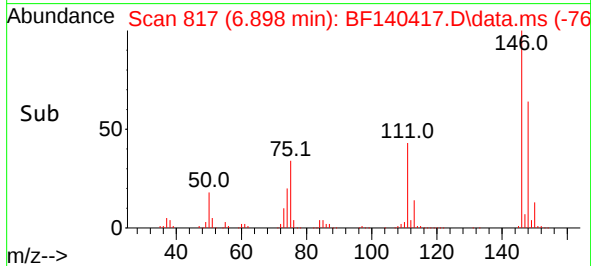
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



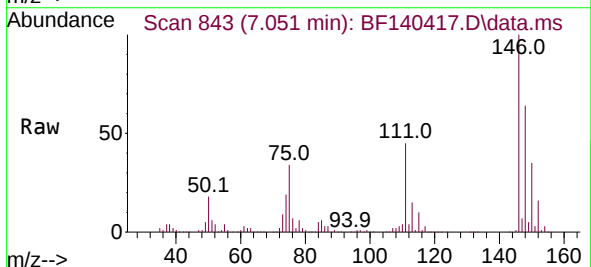
Tgt Ion:146 Resp: 471860
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 43.2 34.2 51.2

Manual Integrations
APPROVED

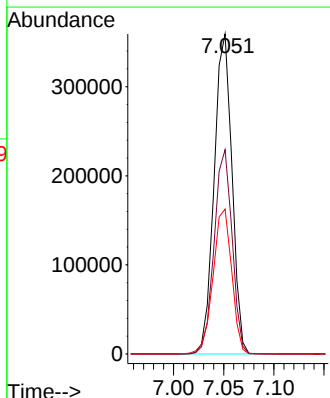
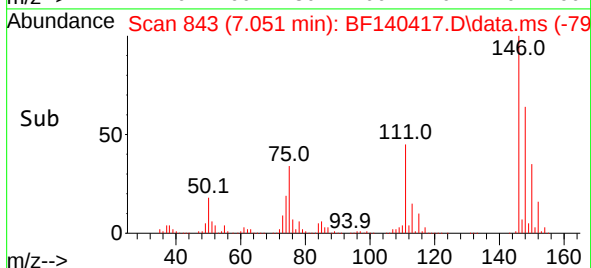
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

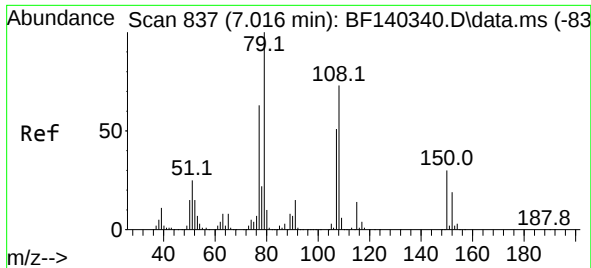


#14
1,2-Dichlorobenzene
Concen: 39.548 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34



Tgt Ion:146 Resp: 443164
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 45.3 36.5 54.7





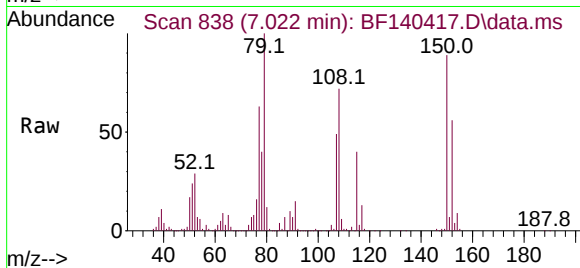
#15
Benzyl Alcohol
Concen: 39.455 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

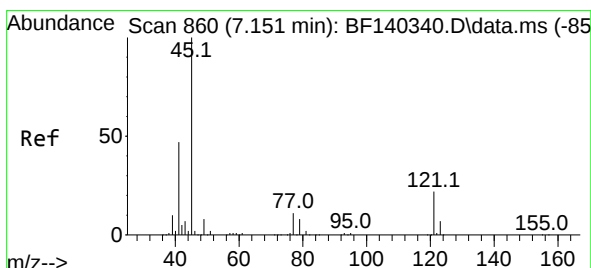
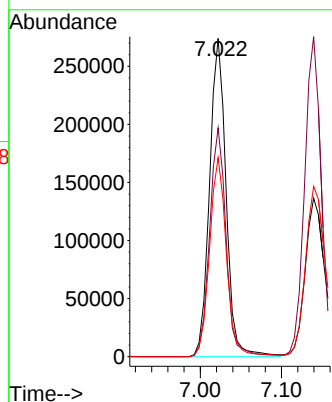
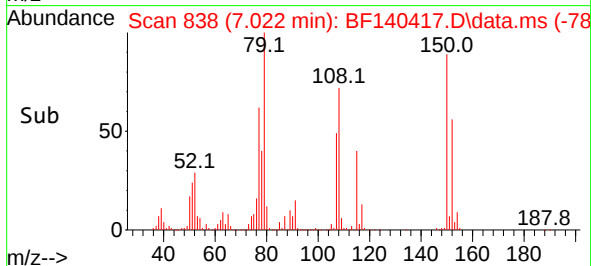


Tgt Ion: 79 Resp: 386829
Ion Ratio Lower Upper
79 100
108 71.9 57.8 86.6
77 62.5 49.8 74.6

Manual Integrations

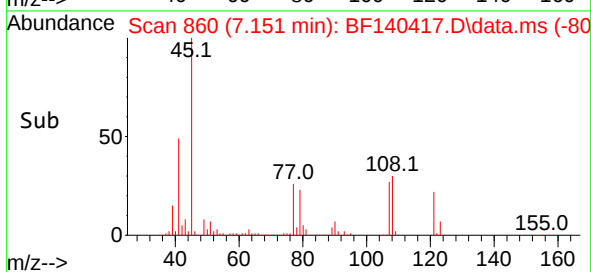
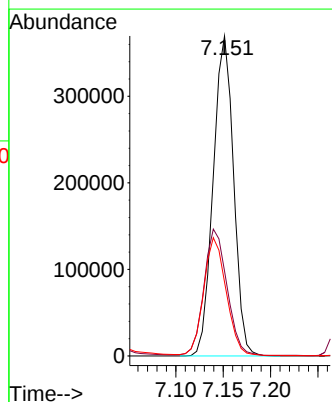
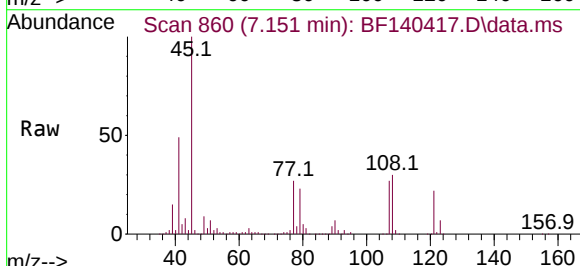
APPROVED

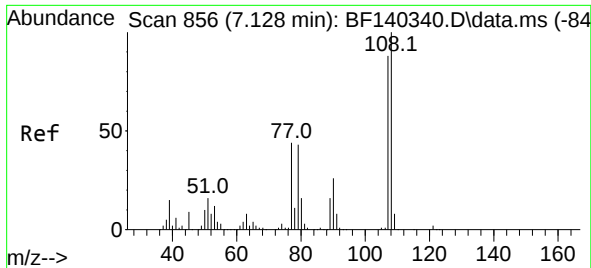
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.798 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Tgt Ion: 45 Resp: 552688
Ion Ratio Lower Upper
45 100
77 26.6 0.0 34.8
79 23.1 0.0 31.4





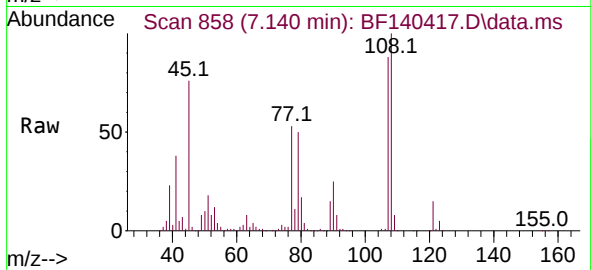
#17
2-Methylphenol
Concen: 38.591 ng
RT: 7.140 min Scan# 856
Delta R.T. 0.012 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

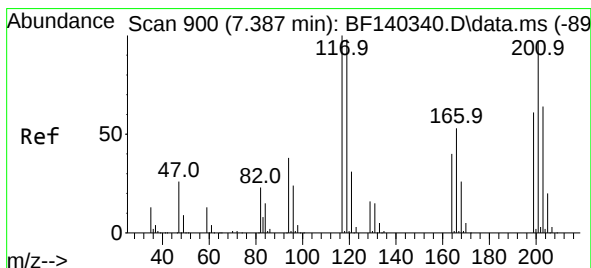
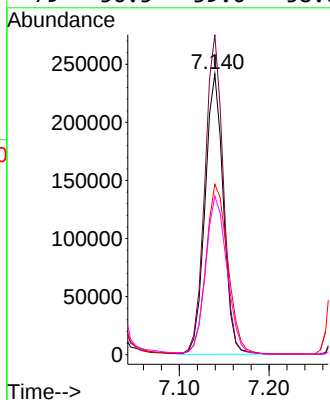
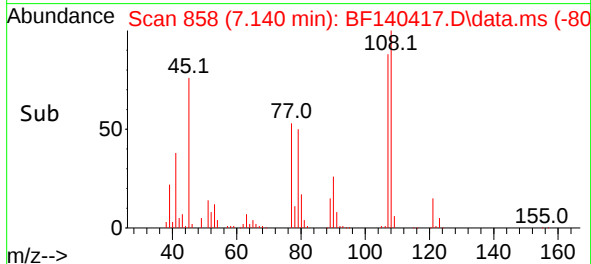


Tgt Ion:107 Resp: 34251
Ion Ratio Lower Upper
107 100
108 113.9 91.9 137.9
77 60.7 39.7 59.5
79 56.5 39.0 58.6

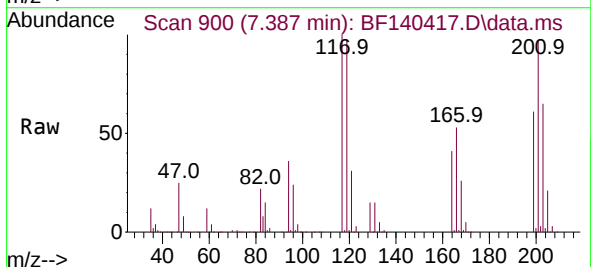
Manual Integrations

APPROVED

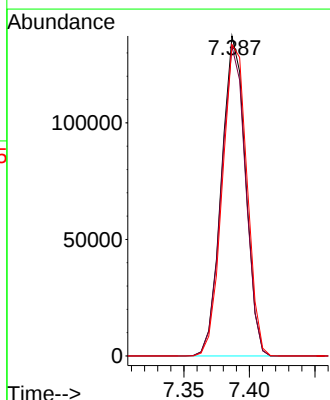
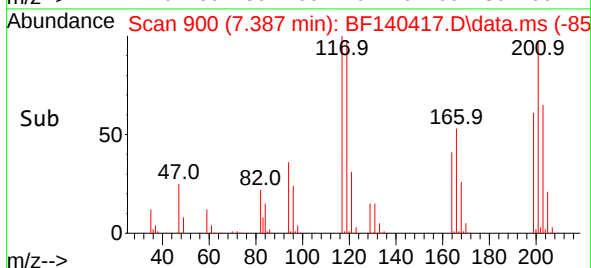
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

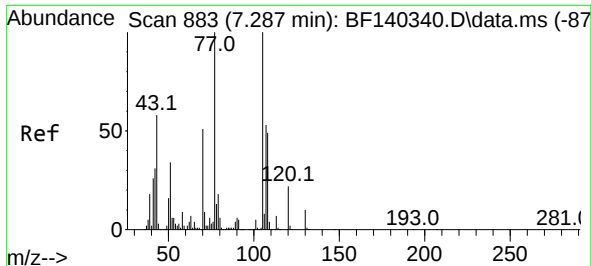


#18
Hexachloroethane
Concen: 39.154 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34



Tgt Ion:117 Resp: 174720
Ion Ratio Lower Upper
117 100
119 96.8 76.9 115.3
201 97.3 80.2 120.4





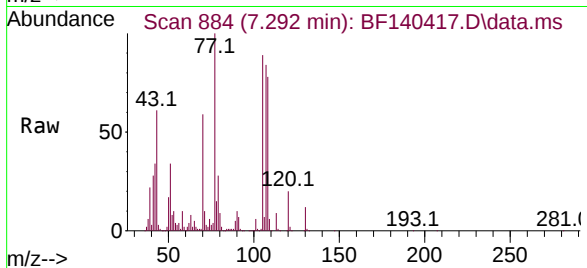
#19
n-Nitroso-di-n-propylamine
Concen: 37.372 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

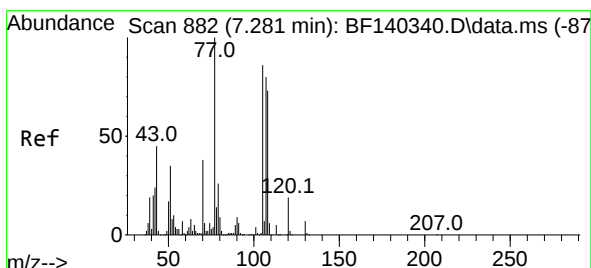
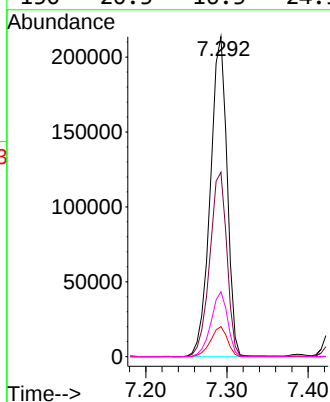
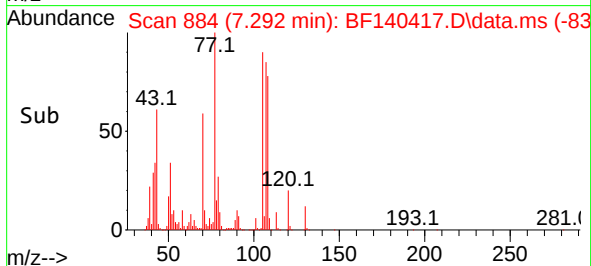


Tgt Ion: 70 Resp: 307154
Ion Ratio Lower Upper
70 100
42 57.6 46.8 70.2
101 9.4 7.5 11.3
130 20.3 16.3 24.5

Manual Integrations

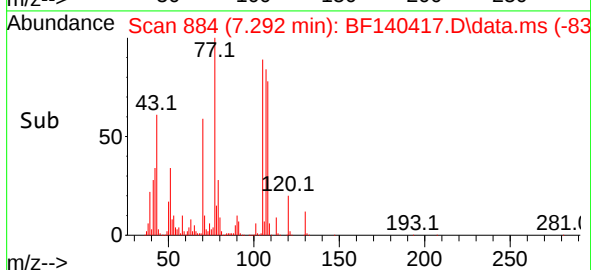
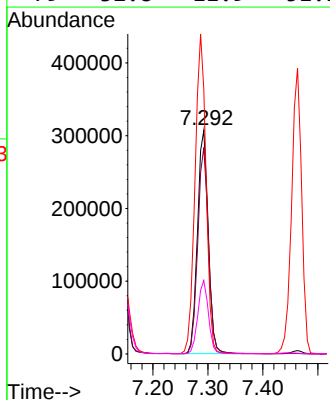
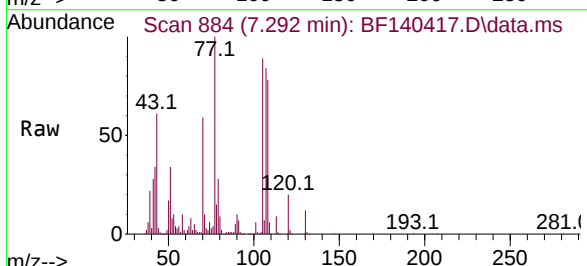
APPROVED

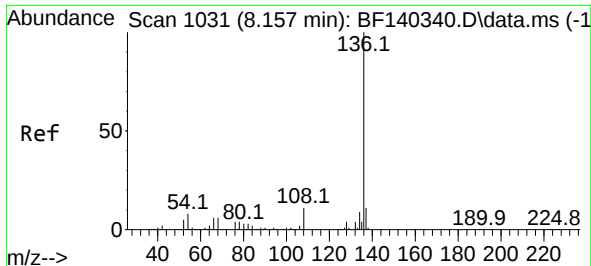
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#20
3+4-Methylphenols
Concen: 37.942 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.012 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Tgt Ion:107 Resp: 421150
Ion Ratio Lower Upper
107 100
108 92.3 71.4 111.4
77 118.4 97.0 137.0
79 32.8 11.9 51.9





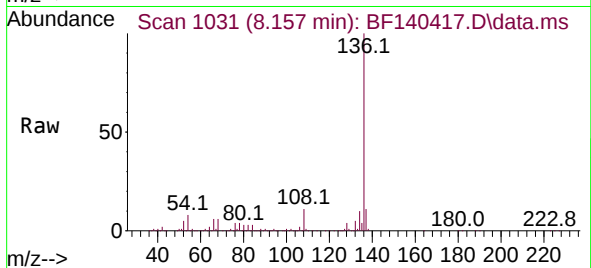
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



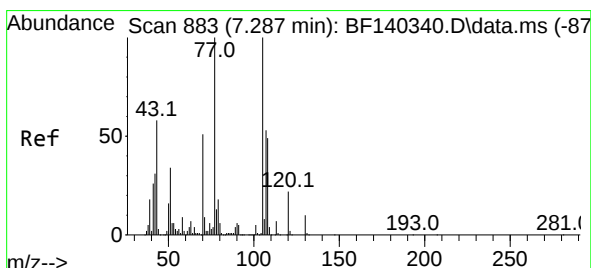
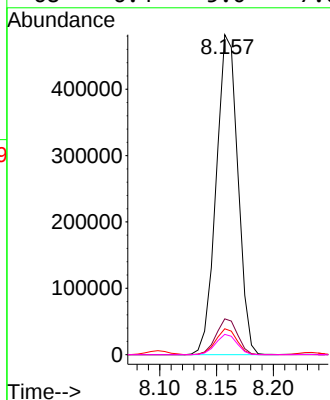
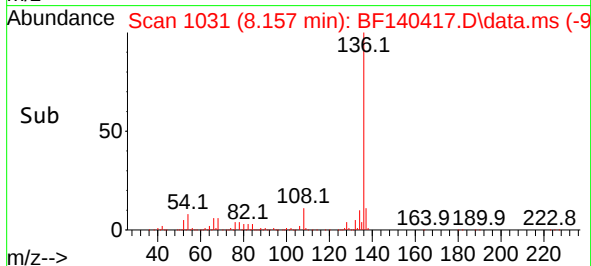
Tgt Ion:136 Resp: 639592
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.1 6.5 9.7
68 6.4 5.0 7.6

Manual Integrations

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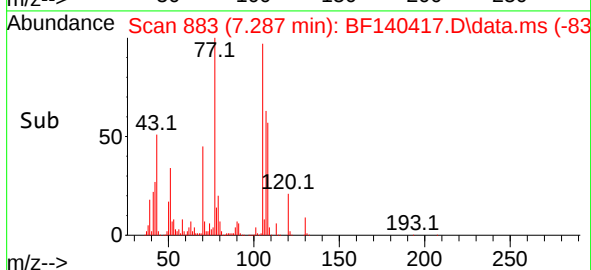
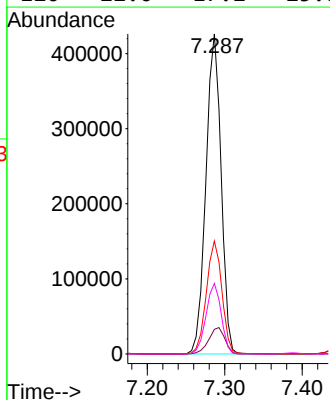
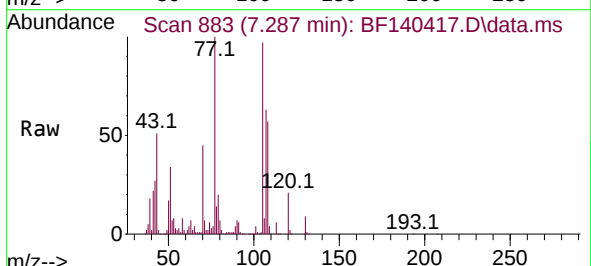
Reviewed By :Yogesh Patel 11/19/2024

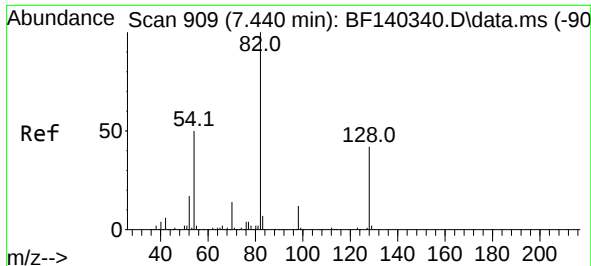
Supervised By :mohammad ahmed 11/19/2024



#22
Acetophenone
Concen: 39.001 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Tgt Ion:105 Resp: 580166
Ion Ratio Lower Upper
105 100
71 7.7 6.9 10.3
51 35.3 28.6 43.0
120 22.0 17.2 25.8





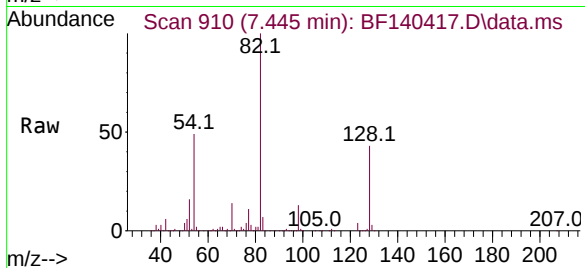
#23
Nitrobenzene-d5
Concen: 78.395 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

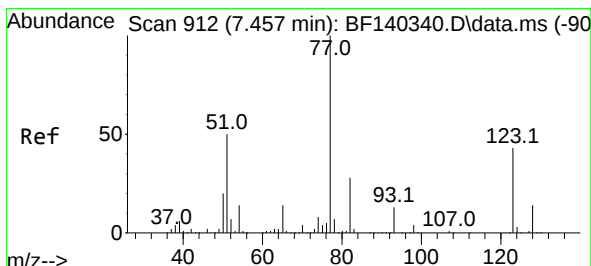
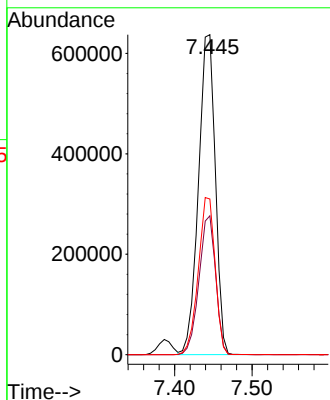
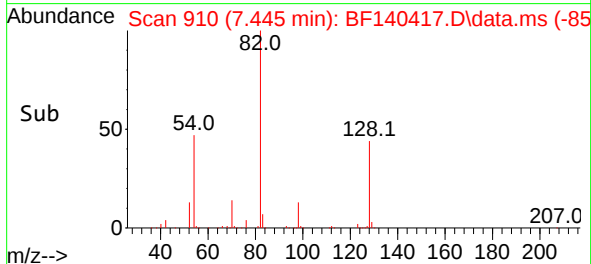


Tgt Ion: 82 Resp: 96235
Ion Ratio Lower Upper
82 100
128 43.4 33.3 49.9
54 48.6 39.8 59.8

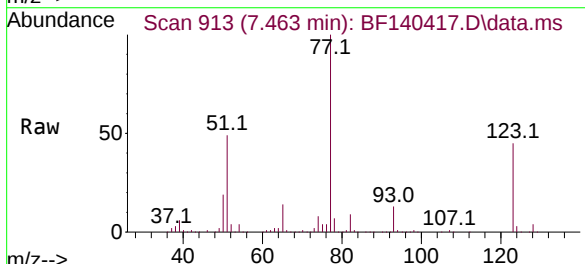
Manual Integrations

APPROVED

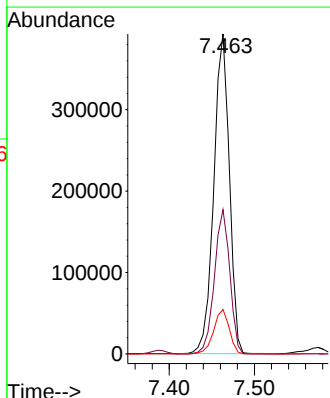
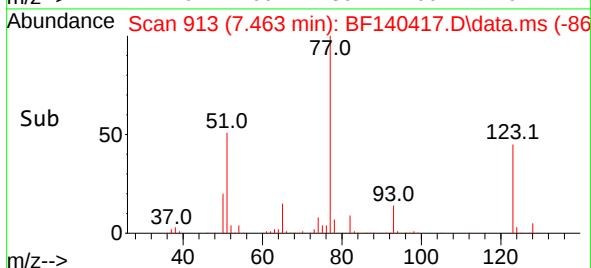
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

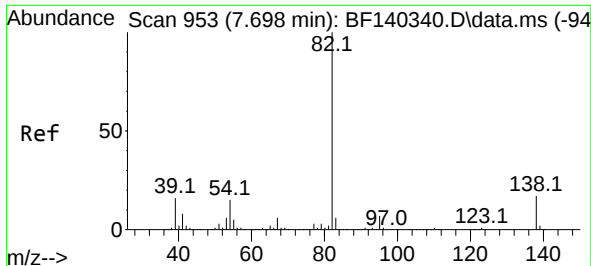


#24
Nitrobenzene
Concen: 39.081 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34



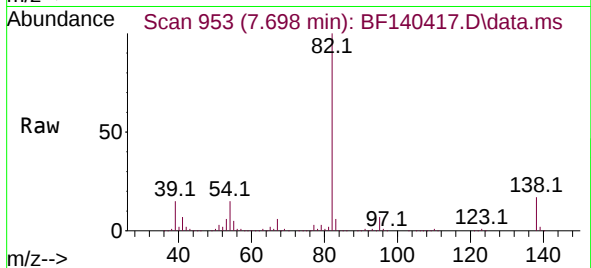
Tgt Ion: 77 Resp: 499492
Ion Ratio Lower Upper
77 100
123 45.1 35.4 53.0
65 13.9 11.1 16.7





#25
Isophorone
Concen: 38.928 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

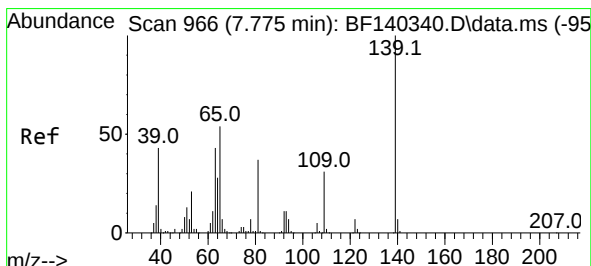
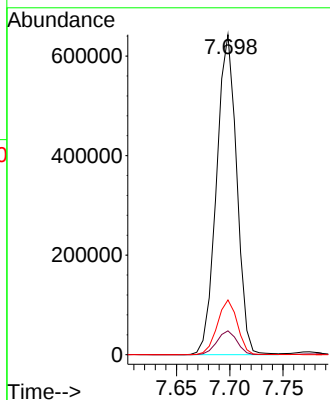
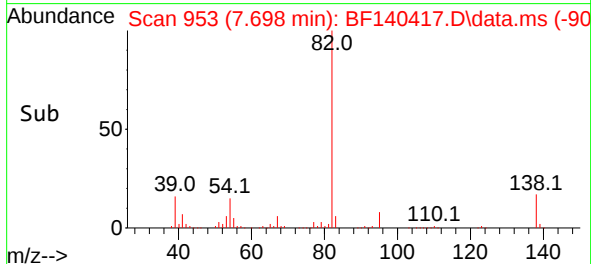
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



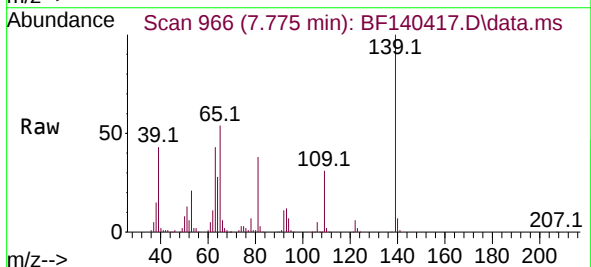
Tgt Ion: 82 Resp: 846924
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 17.1 13.4 20.2

Manual Integrations
APPROVED

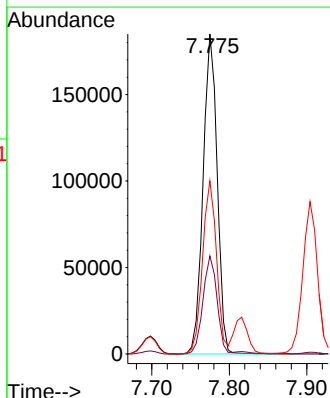
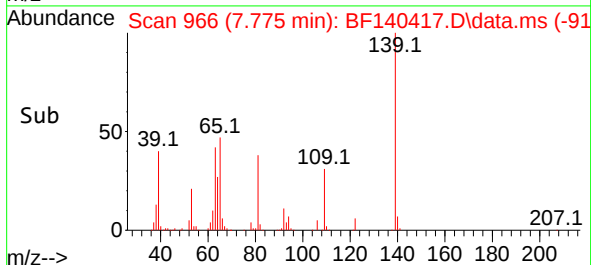
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

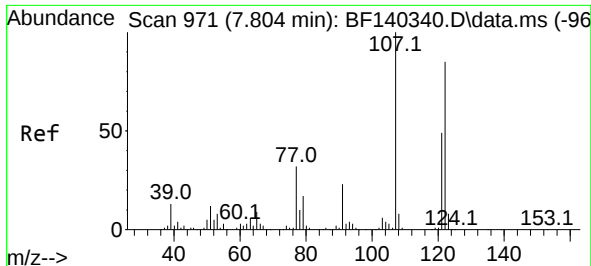


#26
2-Nitrophenol
Concen: 41.139 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34



Tgt Ion:139 Resp: 233325
Ion Ratio Lower Upper
139 100
109 30.6 24.4 36.6
65 54.1 42.8 64.2





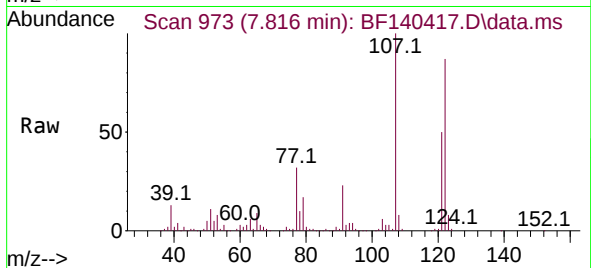
#27
2,4-Dimethylphenol
Concen: 40.141 ng m
RT: 7.816 min Scan# 971
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



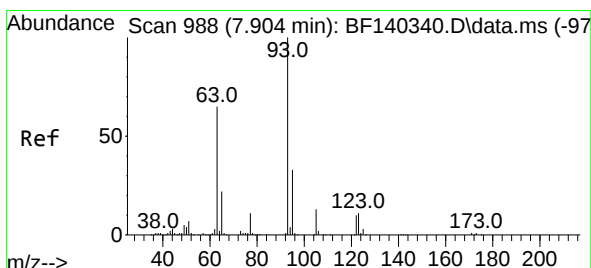
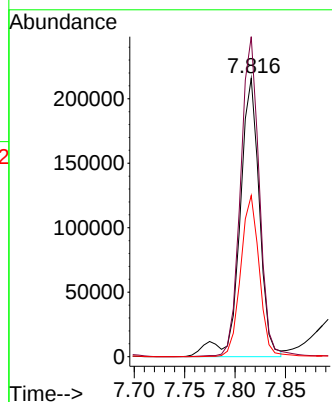
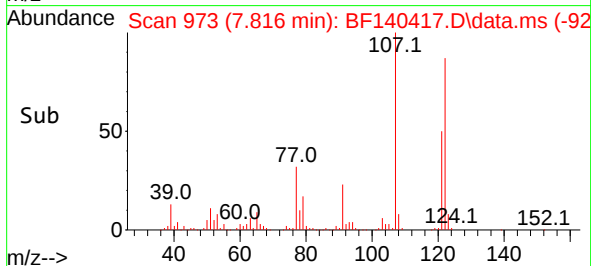
Tgt Ion:122 Resp: 291470
Ion Ratio Lower Upper
122 100
107 114.9 91.3 136.9
121 57.9 45.5 68.3

Manual Integrations

APPROVED

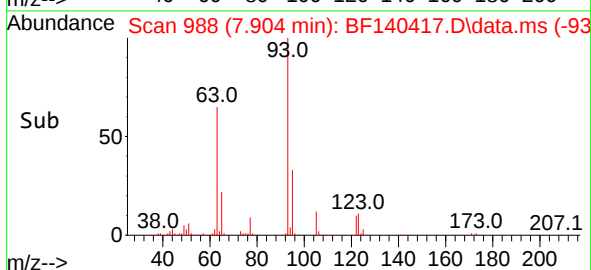
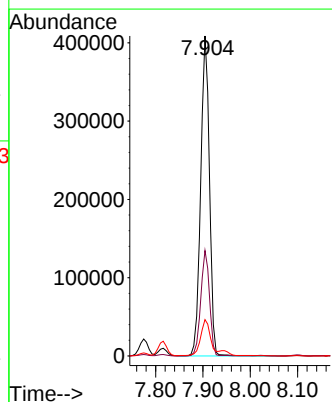
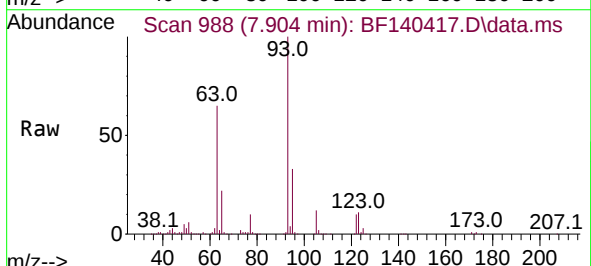
Reviewed By :Yogesh Patel 11/19/2024

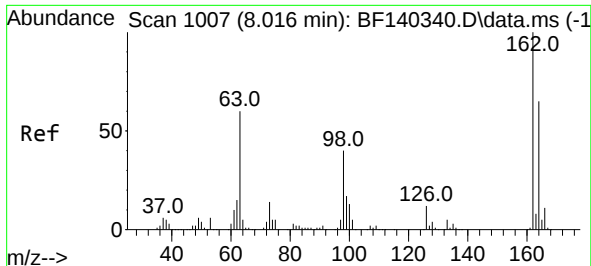
Supervised By :mohammad ahmed 11/19/2024



#28
bis(2-Chloroethoxy)methane
Concen: 39.459 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Tgt Ion: 93 Resp: 526391
Ion Ratio Lower Upper
93 100
95 32.9 25.9 38.9
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.458 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

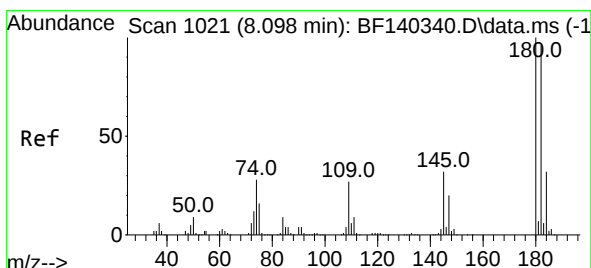
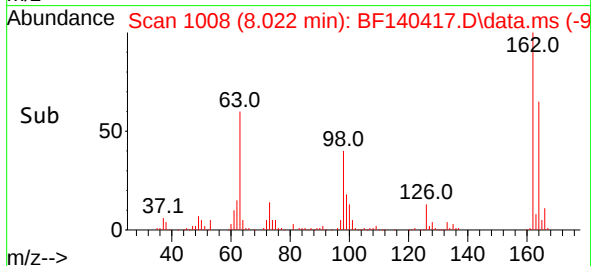
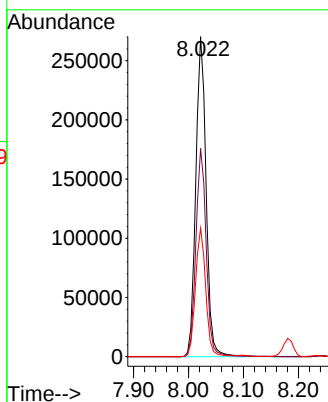
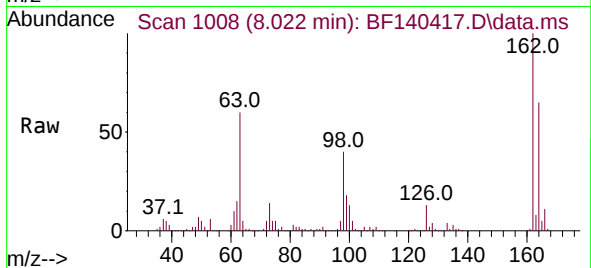
Tgt Ion:162 Resp: 354095
 Ion Ratio Lower Upper
 162 100
 164 65.1 45.4 85.4
 98 40.2 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#30

1,2,4-Trichlorobenzene

Concen: 39.752 ng

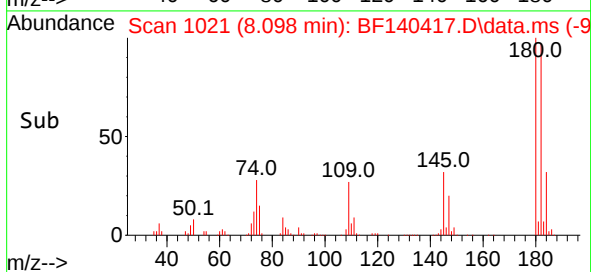
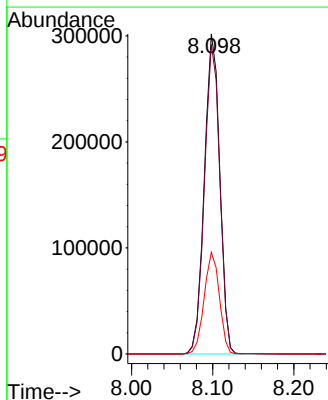
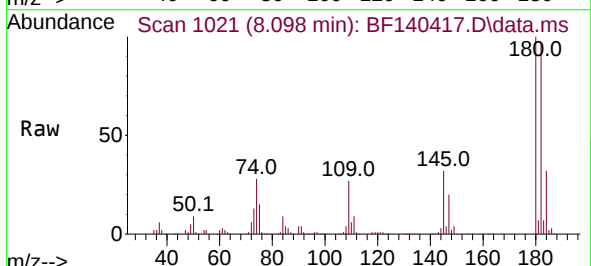
RT: 8.098 min Scan# 1021

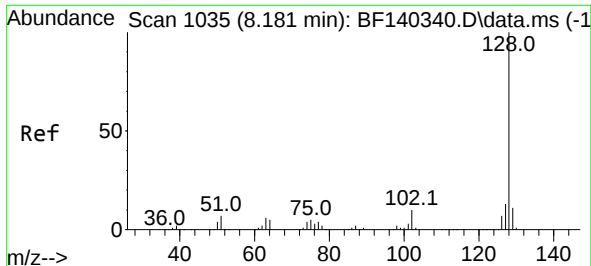
Delta R.T. -0.000 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

Tgt Ion:180 Resp: 397157
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.5 114.7
 145 31.7 25.3 37.9





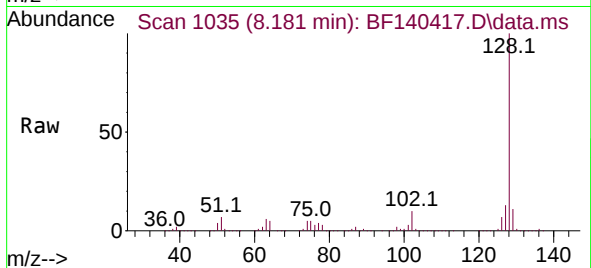
#31
Naphthalene
Concen: 39.453 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



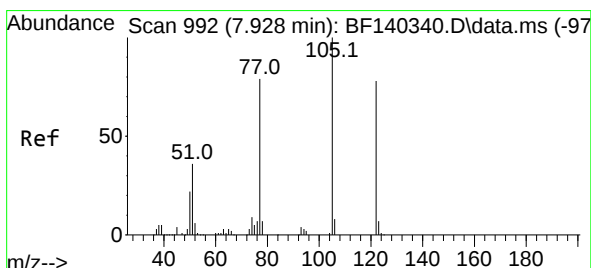
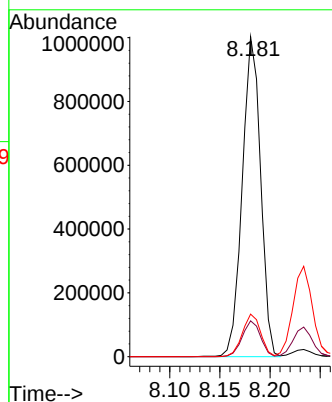
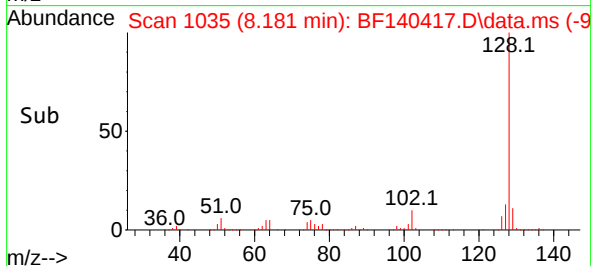
Tgt Ion:128 Resp: 1280078
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 15.8

Manual Integrations

APPROVED

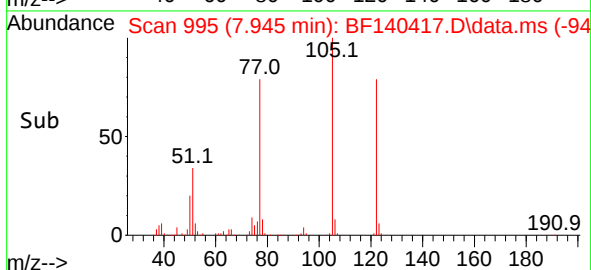
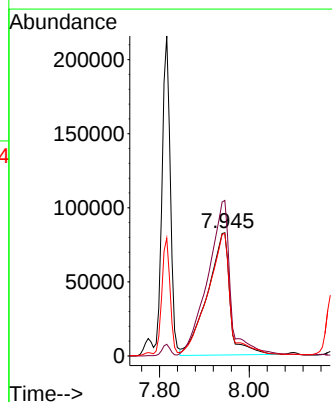
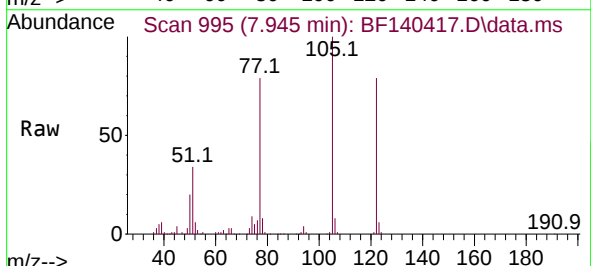
Reviewed By :Yogesh Patel 11/19/2024

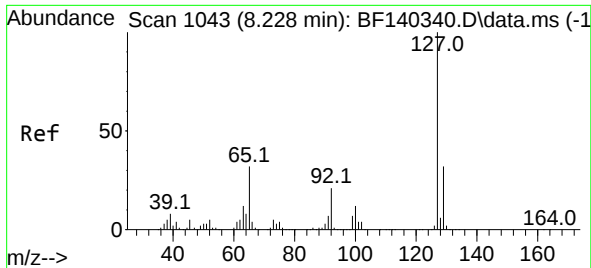
Supervised By :mohammad ahmed 11/19/2024



#32
Benzoic acid
Concen: 45.304 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.018 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Tgt Ion:122 Resp: 289465
Ion Ratio Lower Upper
122 100
105 126.3 100.9 140.9
77 99.5 76.0 116.0





#33
4-Chloroaniline
Concen: 34.870 ng
RT: 8.234 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

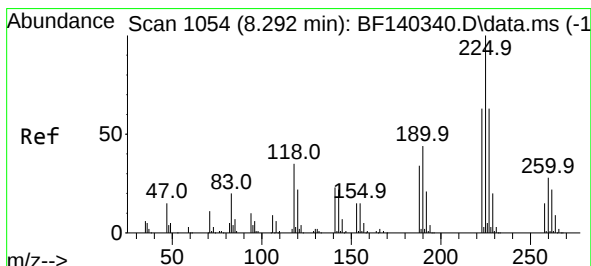
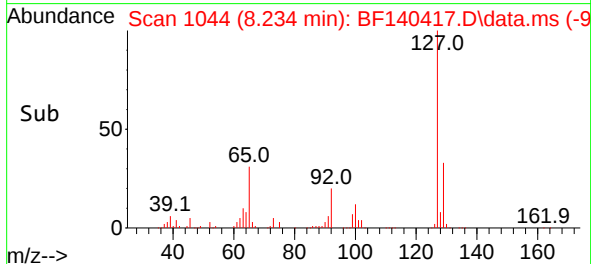
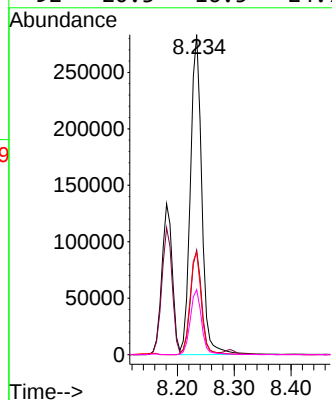
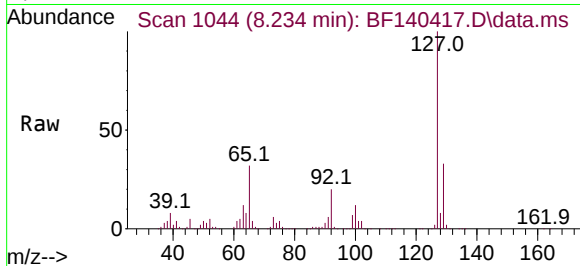
Tgt Ion:127 Resp: 39346
Ion Ratio Lower Upper
127 100
129 32.7 26.2 39.4
65 31.9 25.8 38.6
92 20.3 16.5 24.7

Manual Integrations

APPROVED

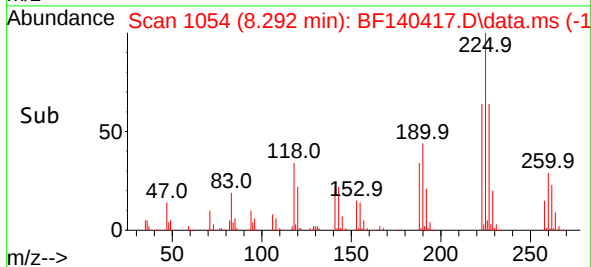
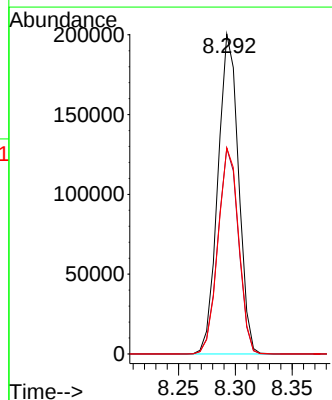
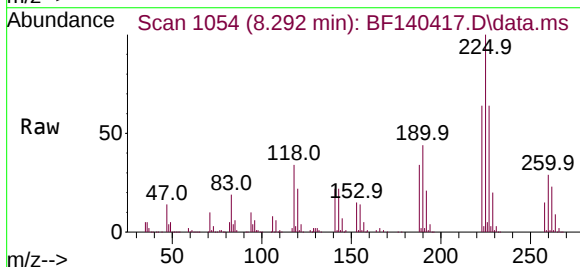
Reviewed By :Yogesh Patel 11/19/2024

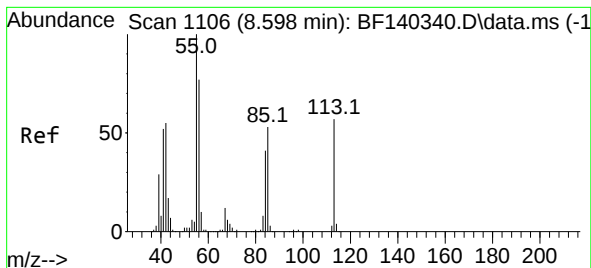
Supervised By :mohammad ahmed 11/19/2024



#34
Hexachlorobutadiene
Concen: 39.687 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Tgt Ion:225 Resp: 252633
Ion Ratio Lower Upper
225 100
223 64.3 50.1 75.1
227 64.4 51.3 76.9





#35

Caprolactam

Concen: 41.008 ng

RT: 8.604 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

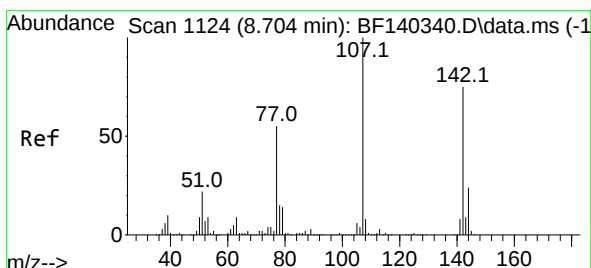
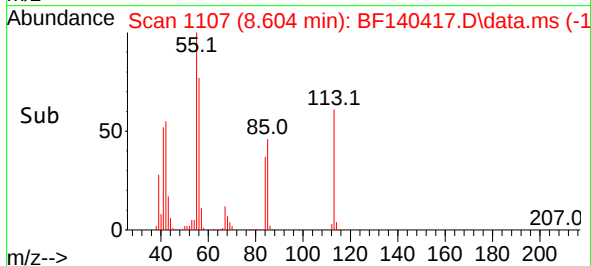
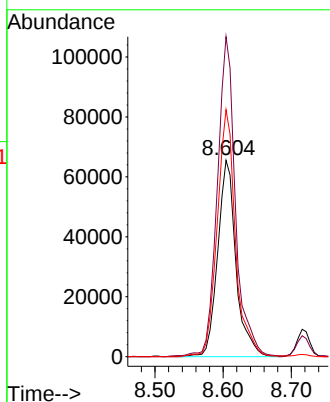
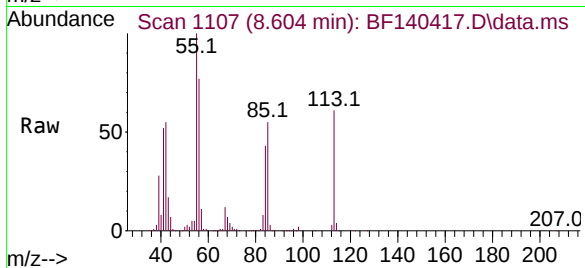
Tgt Ion:113 Resp: 12231
 Ion Ratio Lower Upper
 113 100
 55 162.9 150.0 190.0
 56 125.8 111.1 151.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#36

4-Chloro-3-methylphenol

Concen: 39.981 ng

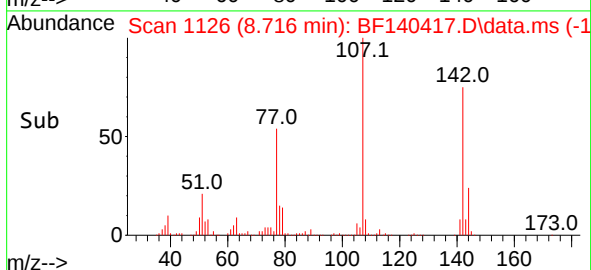
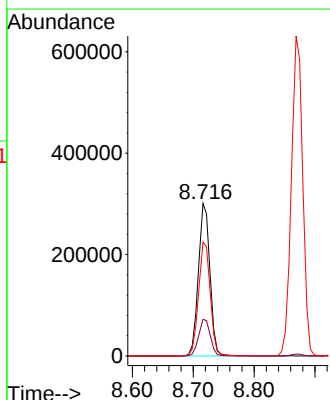
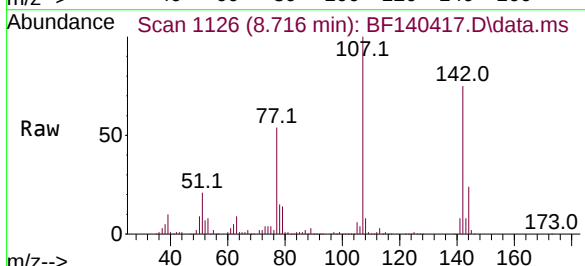
RT: 8.716 min Scan# 1126

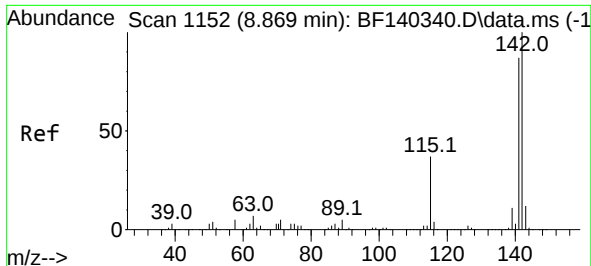
Delta R.T. 0.012 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

Tgt Ion:107 Resp: 397602
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 74.6 59.4 89.0





#37

2-Methylnaphthalene

Concen: 39.301 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 81762

Ion Ratio Lower Upper

142 100

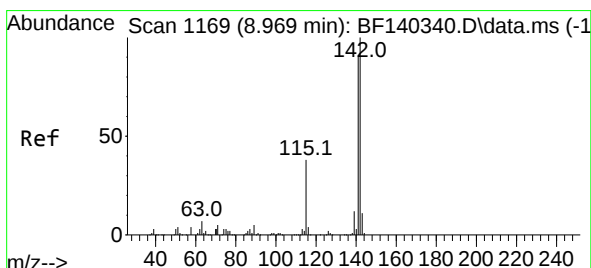
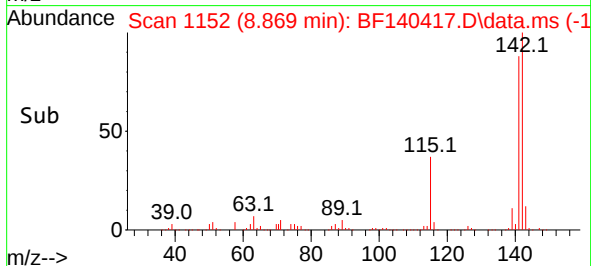
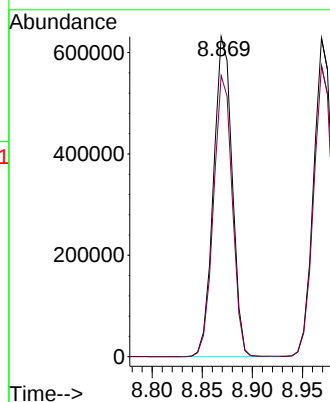
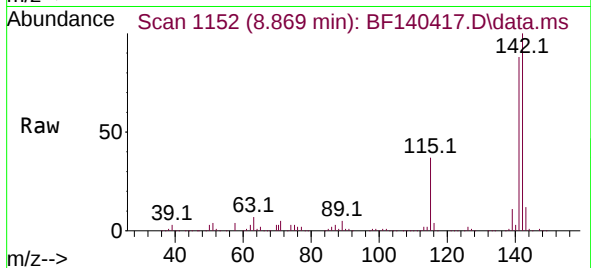
141 87.9 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#38

1-Methylnaphthalene

Concen: 39.279 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140417.D

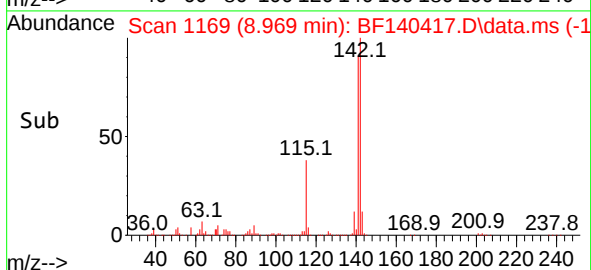
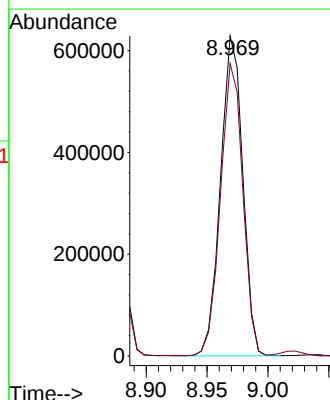
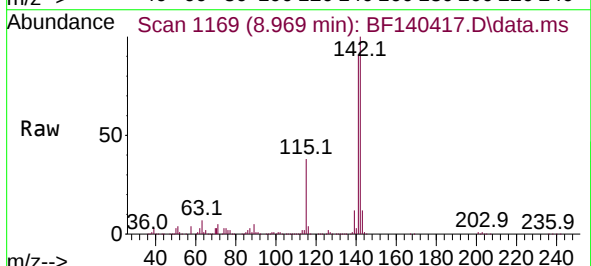
Acq: 16 Nov 2024 09:34

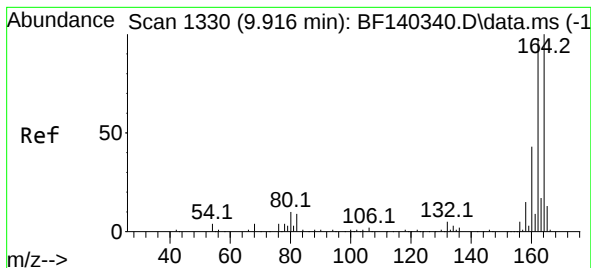
Tgt Ion:142 Resp: 800228

Ion Ratio Lower Upper

142 100

141 91.4 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF140417.D

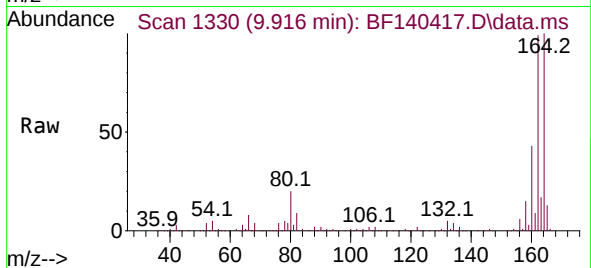
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 364979

Ion Ratio Lower Upper

164 100

162 99.0 79.8 119.8

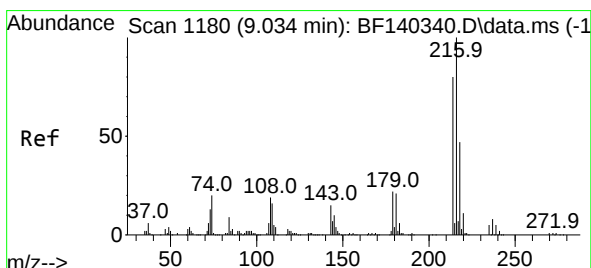
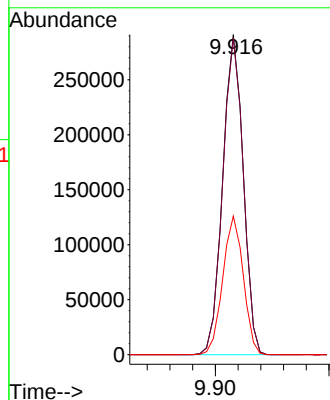
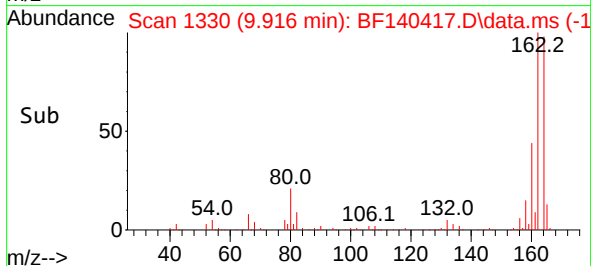
160 43.3 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.350 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

Tgt Ion:216 Resp: 397151

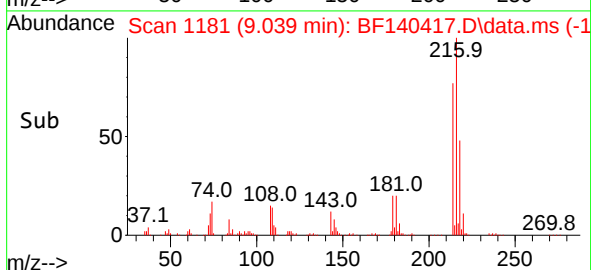
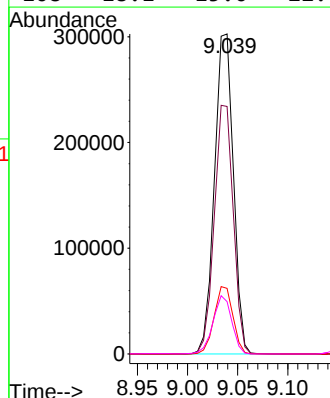
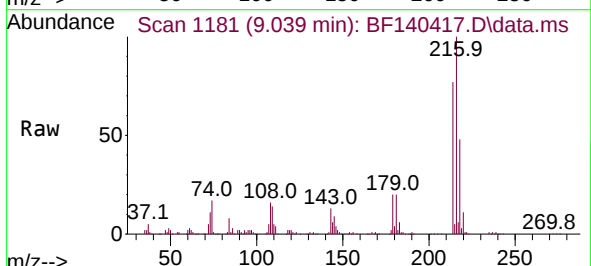
Ion Ratio Lower Upper

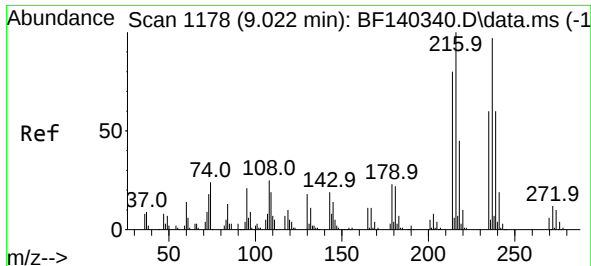
216 100

214 77.9 63.2 94.8

179 20.8 17.2 25.8

108 18.1 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 36.835 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

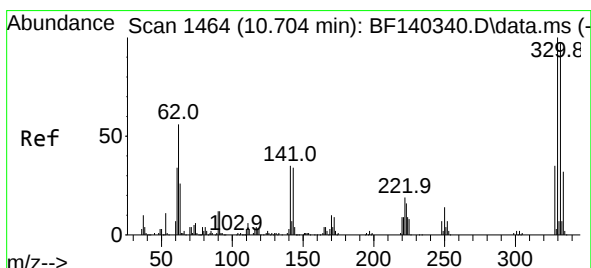
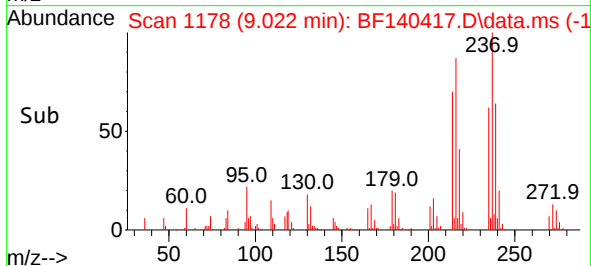
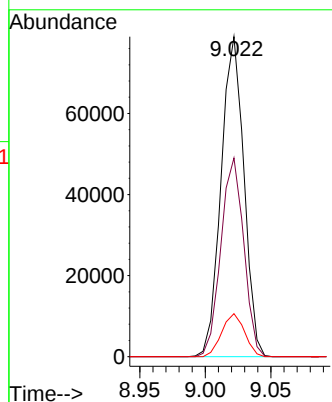
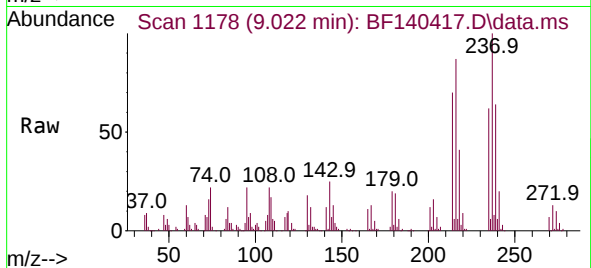
SSTDCCC040

Tgt Ion:237 Resp: 95452
Ion Ratio Lower Upper
237 100
235 62.1 42.8 82.8
272 13.5 0.0 33.1

Manual Integrations

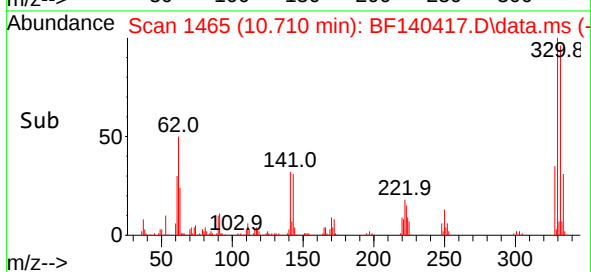
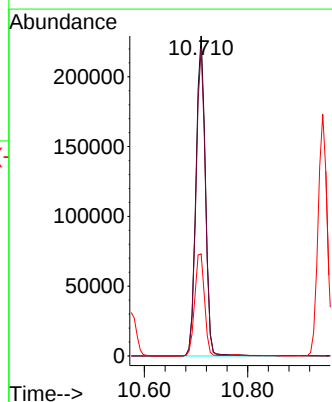
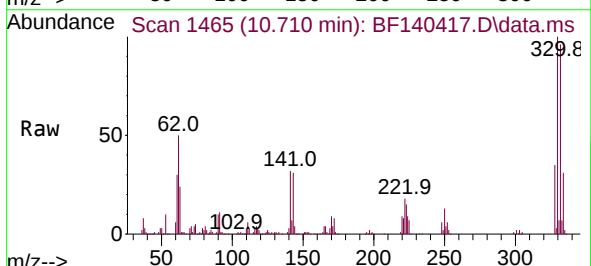
APPROVED

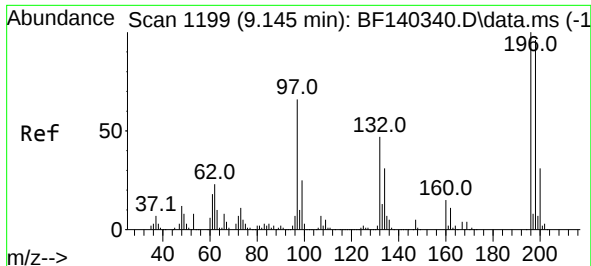
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#42
2,4,6-Tribromophenol
Concen: 79.764 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

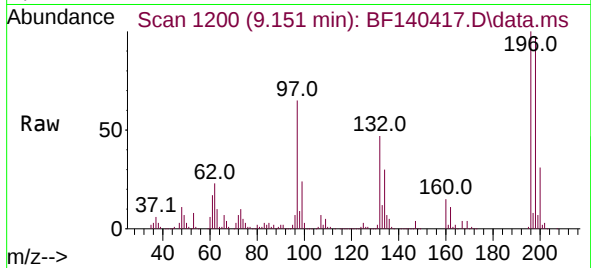
Tgt Ion:330 Resp: 289499
Ion Ratio Lower Upper
330 100
332 95.7 75.9 113.9
141 33.3 26.9 40.3





#43
2,4,6-Trichlorophenol
Concen: 39.230 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

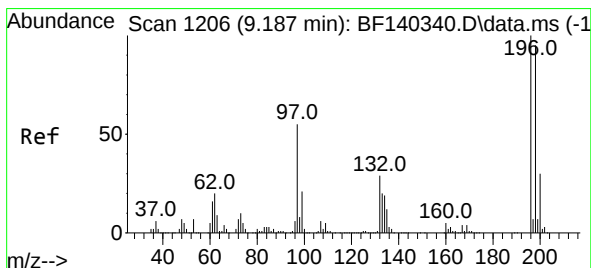
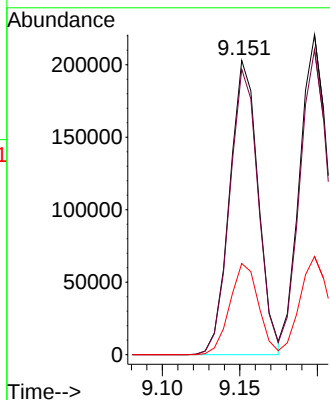
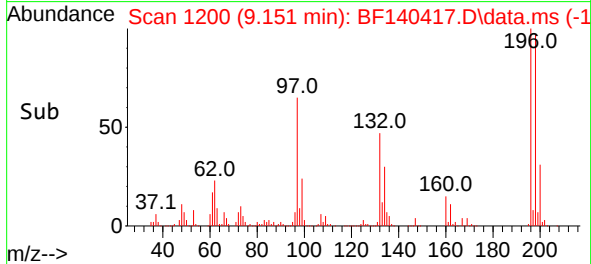
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



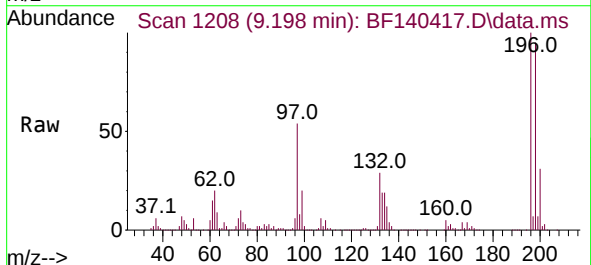
Tgt Ion:196 Resp: 25984
Ion Ratio Lower Upper
196 100
198 97.0 77.0 115.4
200 31.0 24.2 36.4

Manual Integrations
APPROVED

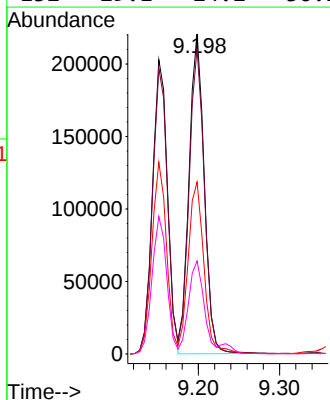
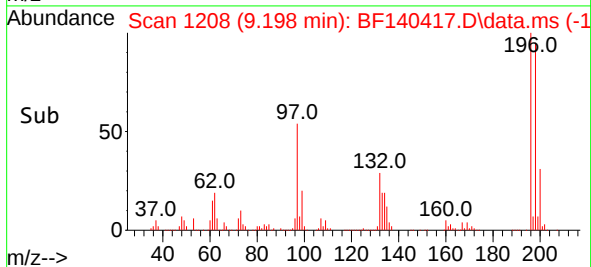
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

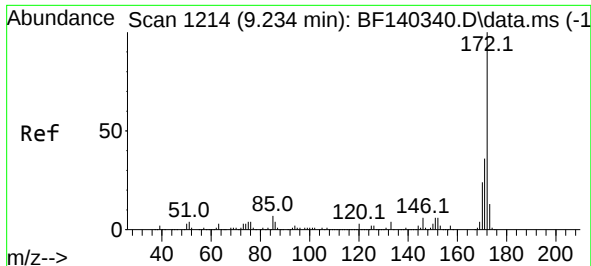


#44
2,4,5-Trichlorophenol
Concen: 39.696 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34



Tgt Ion:196 Resp: 287468
Ion Ratio Lower Upper
196 100
198 95.4 77.6 116.4
97 53.7 45.4 68.2
132 29.1 24.2 36.2





#45
2-Fluorobiphenyl
Concen: 76.179 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

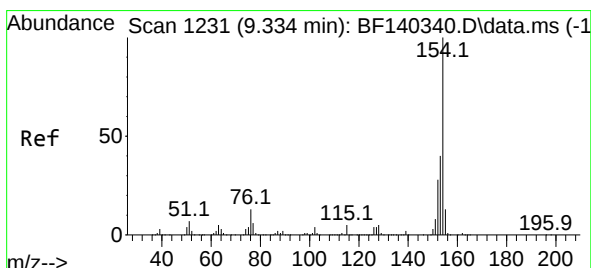
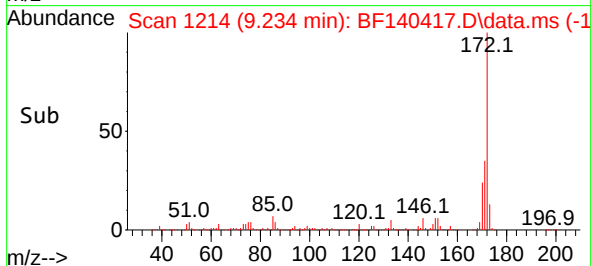
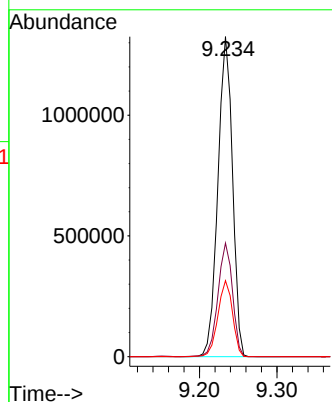
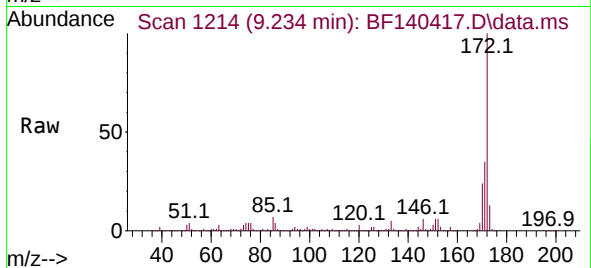
ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 172956
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.8 19.1 28.7

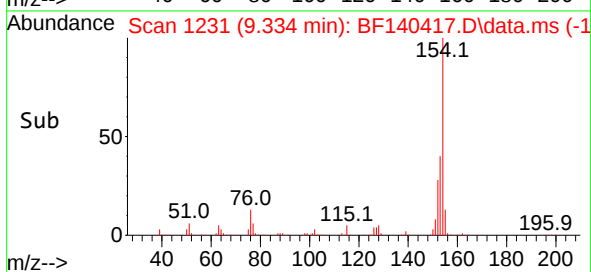
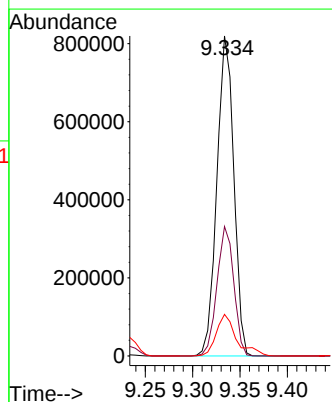
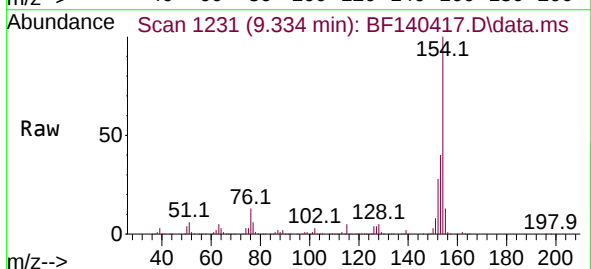
Manual Integrations
APPROVED

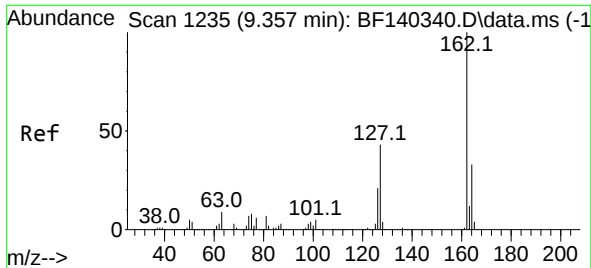
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#46
1,1'-Biphenyl
Concen: 38.433 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Tgt Ion:154 Resp: 1020486
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 13.0 0.0 32.9





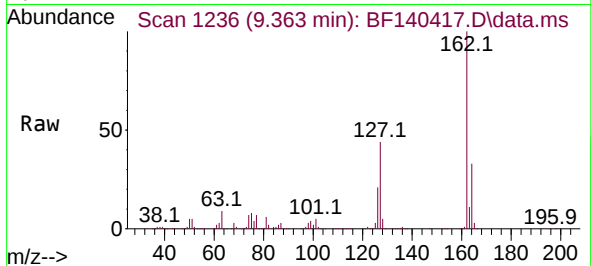
#47
2-Chloronaphthalene
Concen: 38.553 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



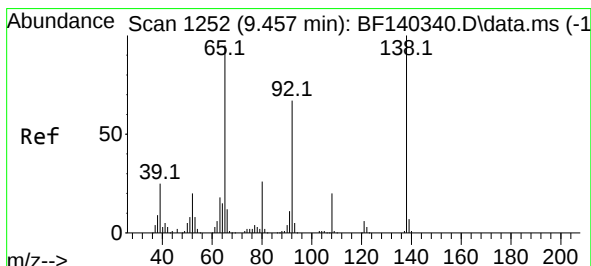
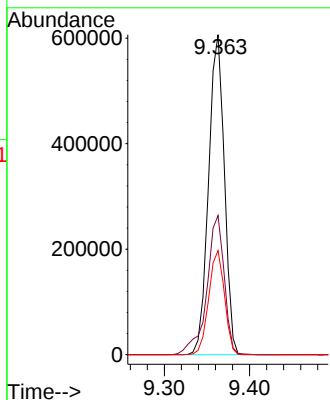
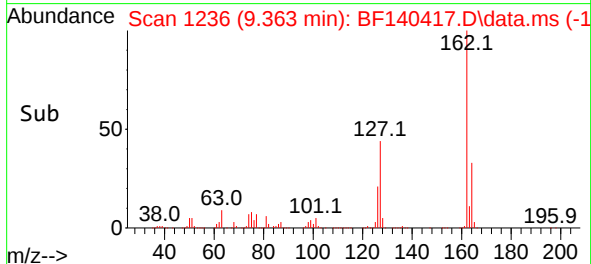
Tgt Ion:162 Resp: 779794
Ion Ratio Lower Upper
162 100
127 43.5 34.0 51.0
164 32.6 26.5 39.7

Manual Integrations

APPROVED

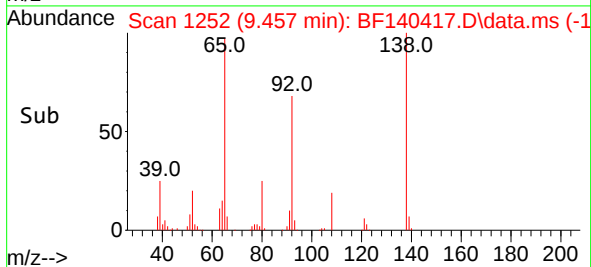
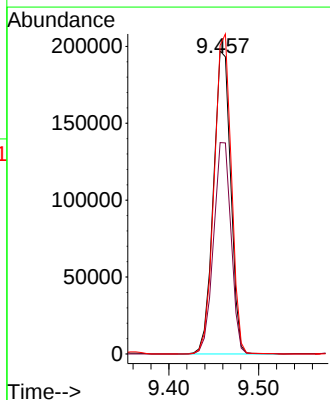
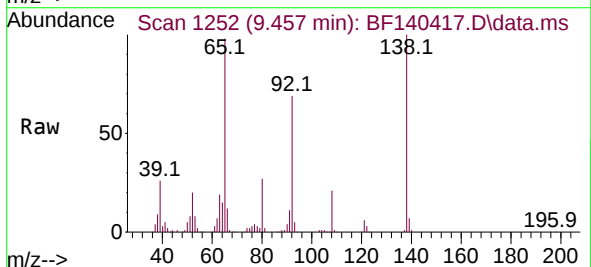
Reviewed By :Yogesh Patel 11/19/2024

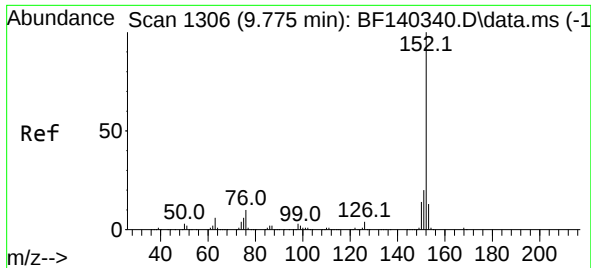
Supervised By :mohammad ahmed 11/19/2024



#48
2-Nitroaniline
Concen: 39.329 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Tgt Ion: 65 Resp: 263815
Ion Ratio Lower Upper
65 100
92 69.8 56.4 84.6
138 101.8 84.8 127.2





#49
Acenaphthylene
Concen: 38.643 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

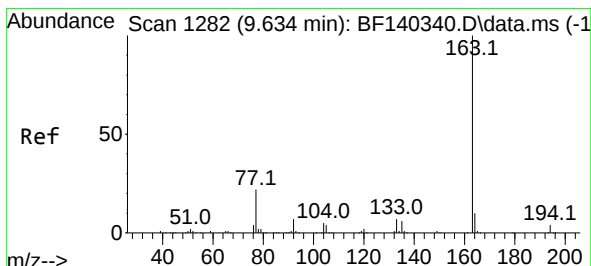
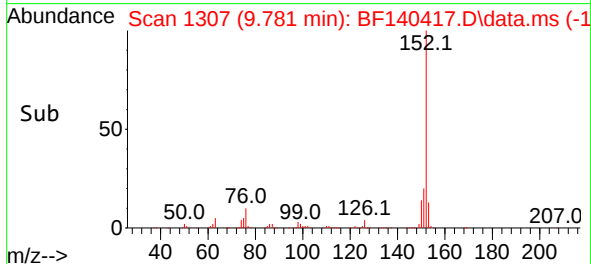
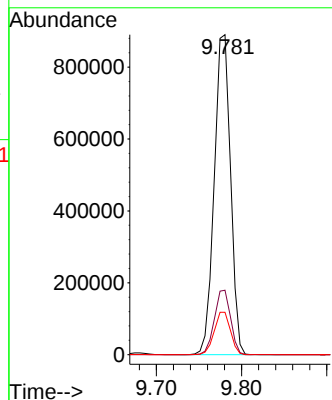
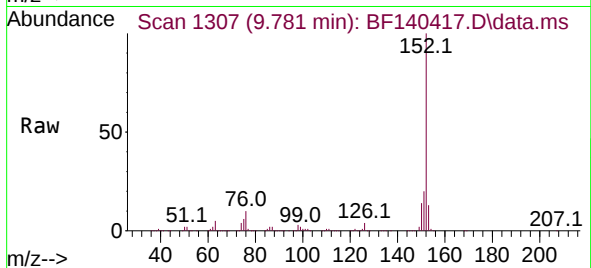
ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 118257
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.2 10.7 16.1

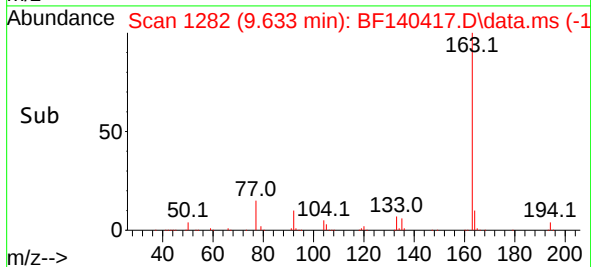
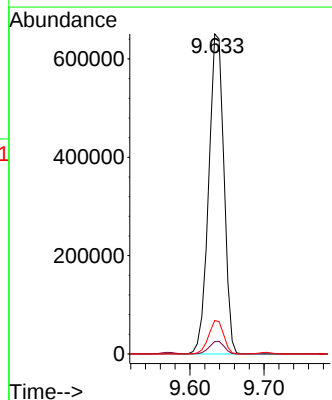
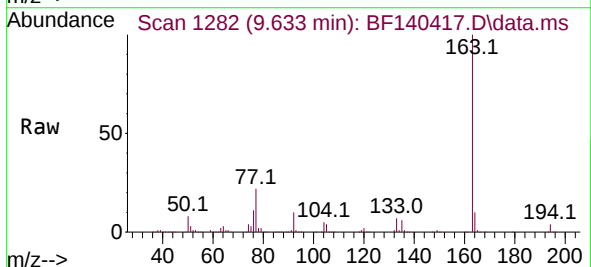
Manual Integrations
APPROVED

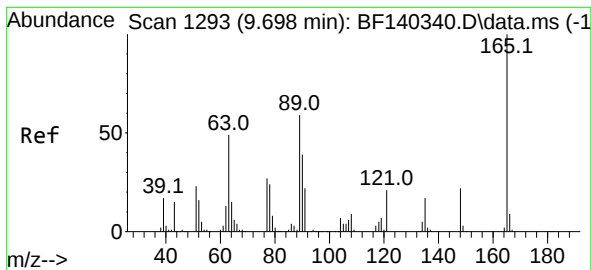
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#50
Dimethylphthalate
Concen: 39.001 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Tgt Ion:163 Resp: 927828
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.5 8.2 12.4





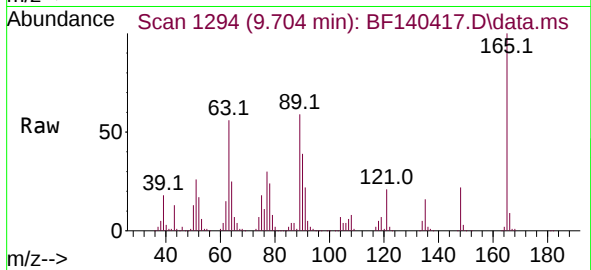
#51
2,6-Dinitrotoluene
Concen: 39.596 ng
RT: 9.704 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



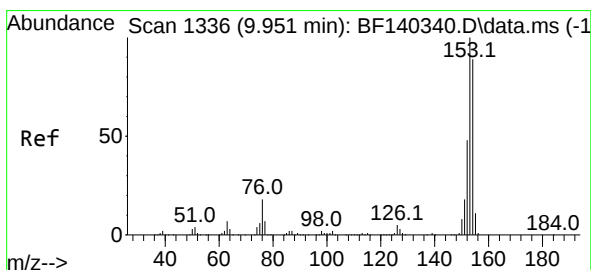
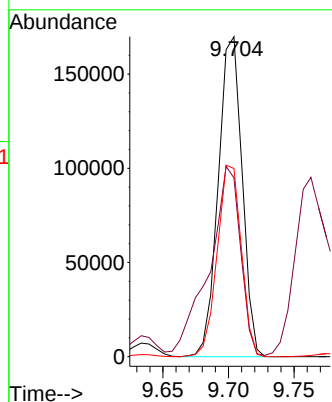
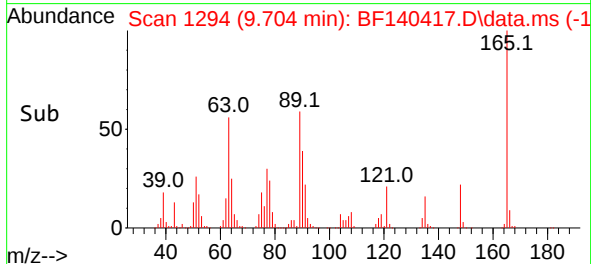
Tgt Ion:165 Resp: 214740
Ion Ratio Lower Upper
165 100
63 55.8 47.6 71.4
89 58.8 48.1 72.1

Manual Integrations

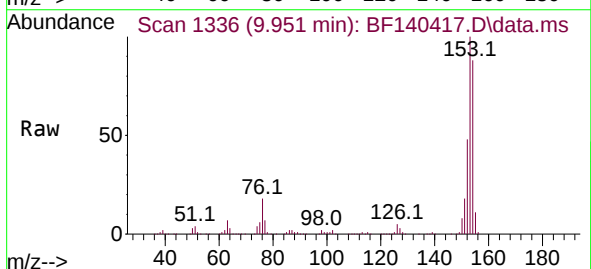
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

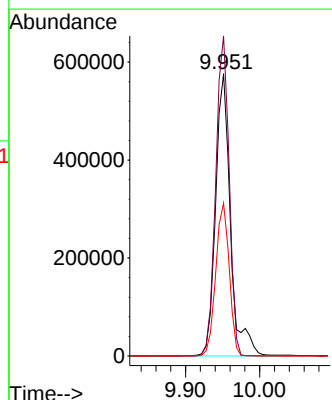
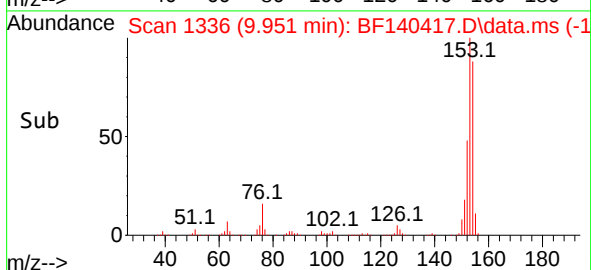
Supervised By :mohammad ahmed 11/19/2024

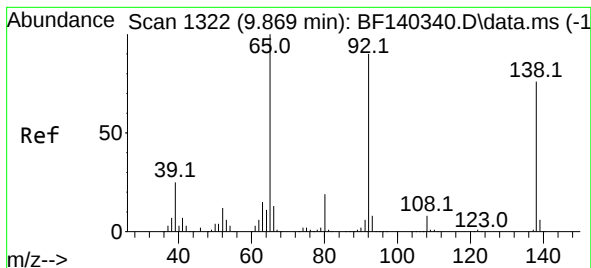


#52
Acenaphthene
Concen: 38.745 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34



Tgt Ion:154 Resp: 800838
Ion Ratio Lower Upper
154 100
153 113.4 89.8 134.8
152 54.2 42.6 64.0





#53

3-Nitroaniline

Concen: 38.075 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

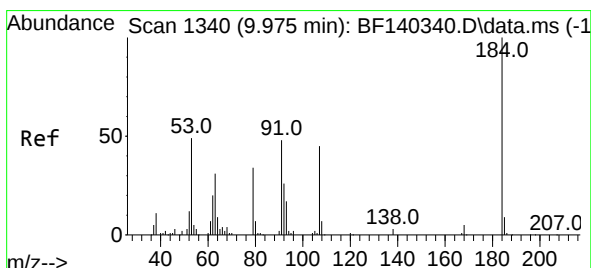
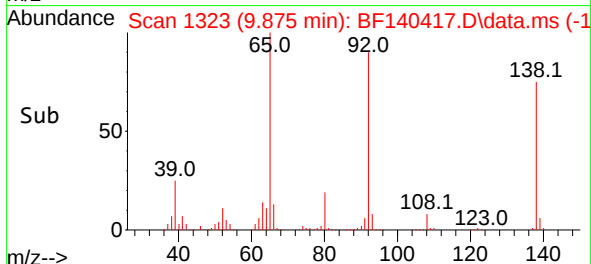
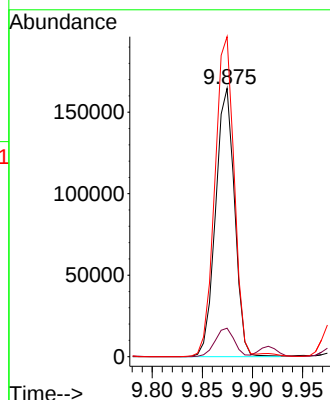
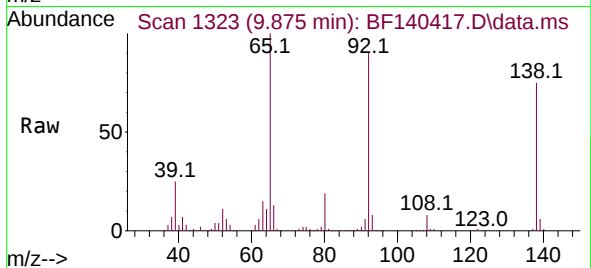
Tgt Ion:138 Resp: 21686
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.4 12.6
 92 119.3 95.5 143.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#54

2,4-Dinitrophenol

Concen: 42.441 ng

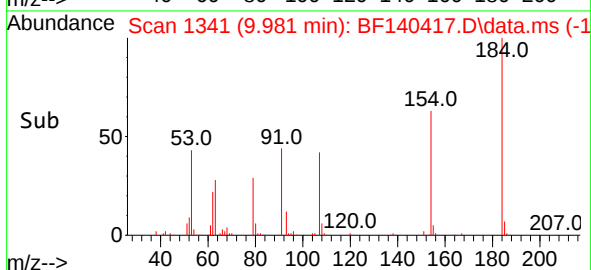
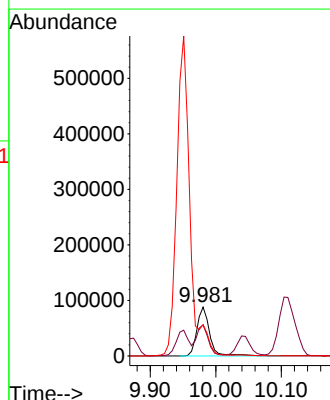
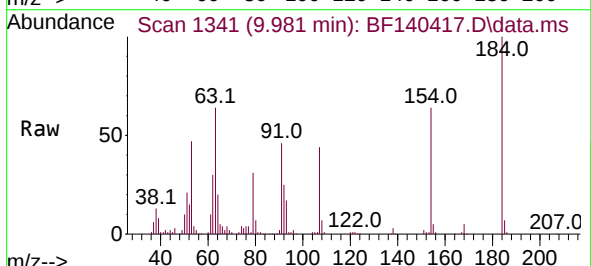
RT: 9.981 min Scan# 1341

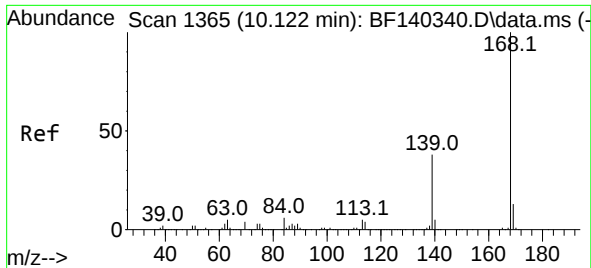
Delta R.T. 0.006 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

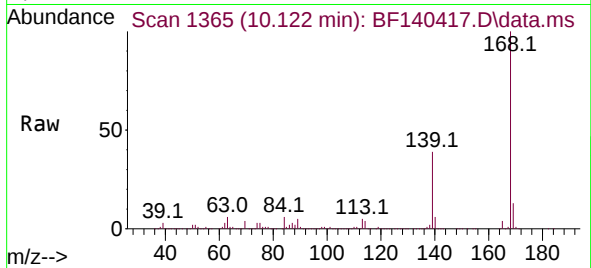
Tgt Ion:184 Resp: 118699
 Ion Ratio Lower Upper
 184 100
 63 63.7 53.5 80.3
 154 63.8 51.3 76.9





#55
Dibenzofuran
Concen: 38.569 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

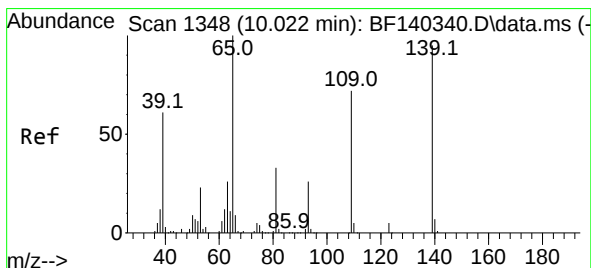
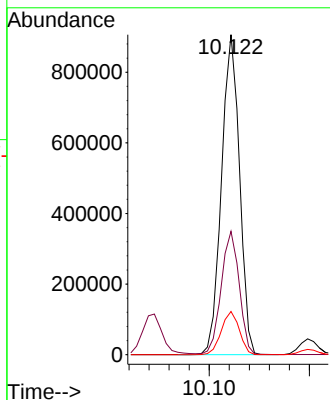
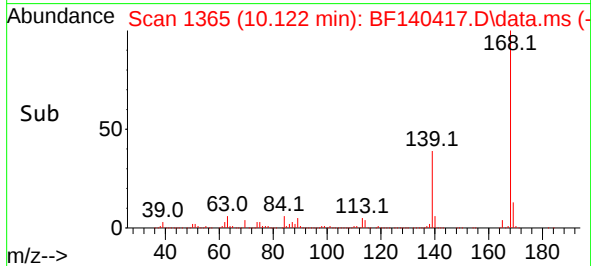
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



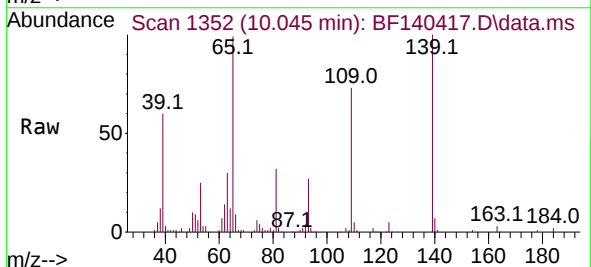
Tgt Ion:168 Resp: 1128530
Ion Ratio Lower Upper
168 100
139 38.6 30.8 46.2
169 13.5 10.8 16.2

Manual Integrations
APPROVED

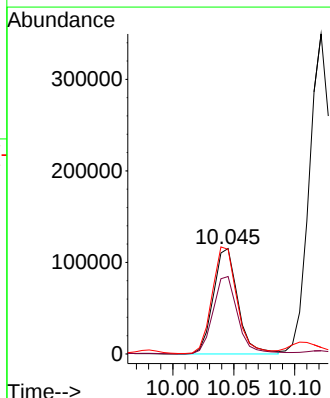
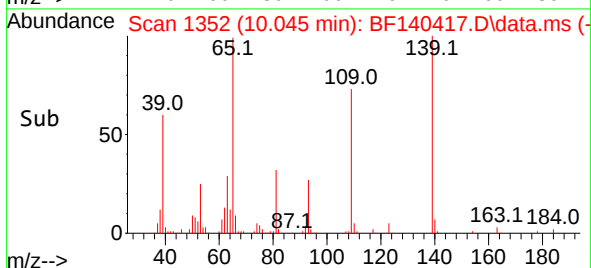
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

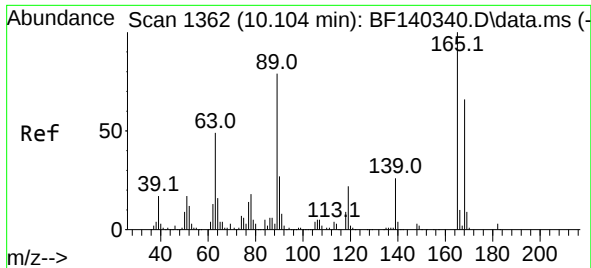


#56
4-Nitrophenol
Concen: 38.806 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.024 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34



Tgt Ion:139 Resp: 161221
Ion Ratio Lower Upper
139 100
109 73.4 54.5 94.5
65 99.3 84.4 124.4





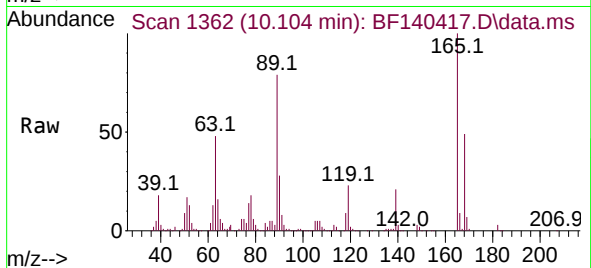
#57
2,4-Dinitrotoluene
Concen: 40.012 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



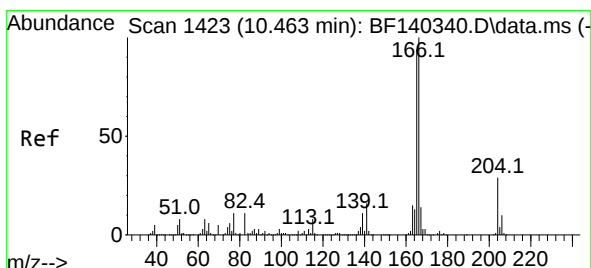
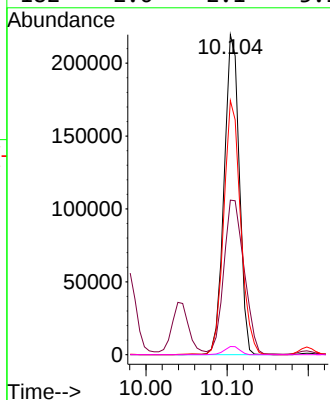
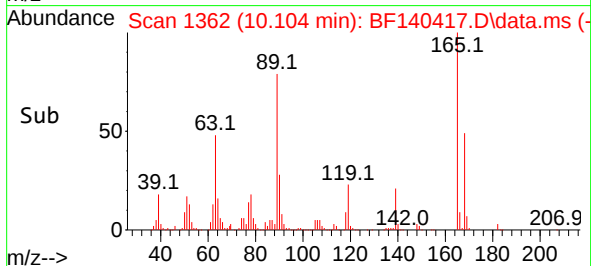
Tgt Ion:165 Resp: 28559
Ion Ratio Lower Upper
165 100
63 48.3 39.4 59.0
89 79.4 62.4 93.6
182 2.6 2.1 3.1

Manual Integrations

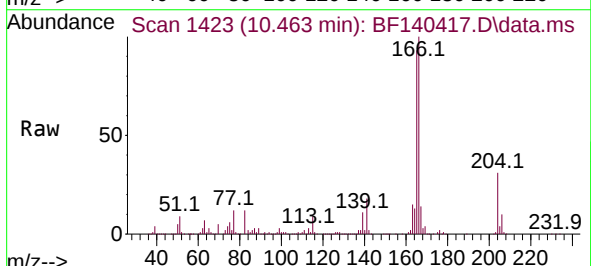
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

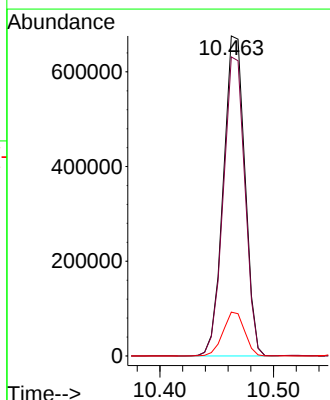
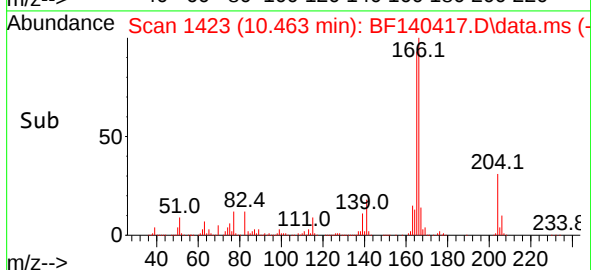
Supervised By :mohammad ahmed 11/19/2024

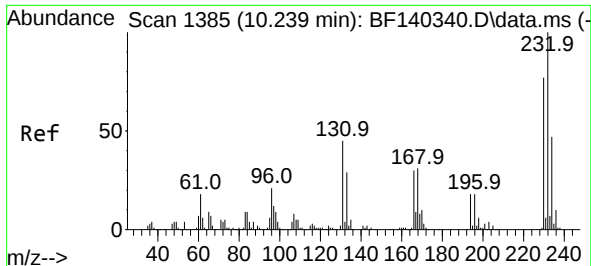


#58
Fluorene
Concen: 38.581 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34



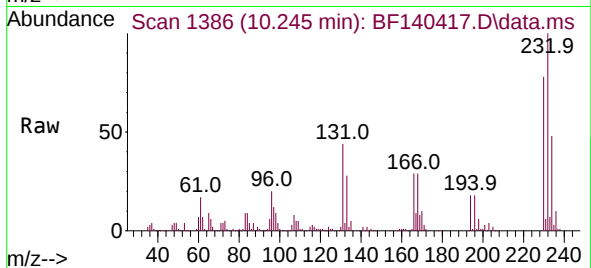
Tgt Ion:166 Resp: 891798
Ion Ratio Lower Upper
166 100
165 93.5 73.9 110.9
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.529 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

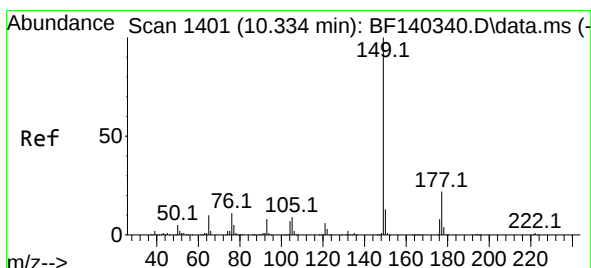
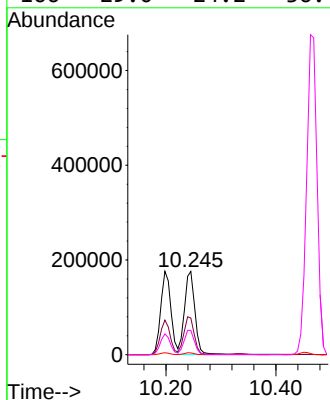
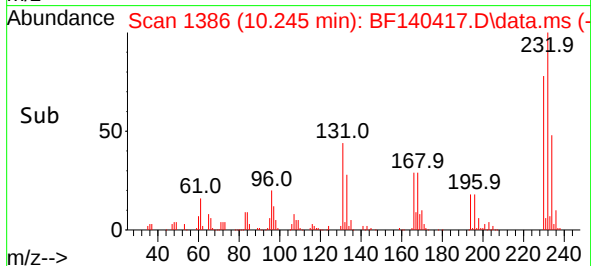
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 23174
Ion Ratio Lower Upper
232 100
131 45.3 36.8 55.2
130 2.3 1.9 2.9
166 29.0 24.2 36.4

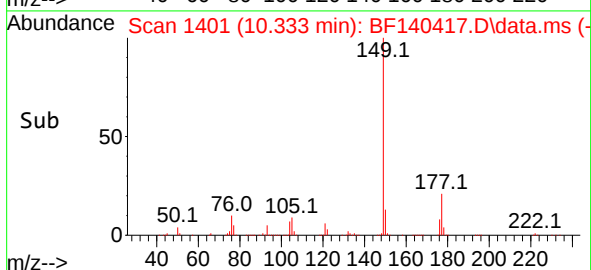
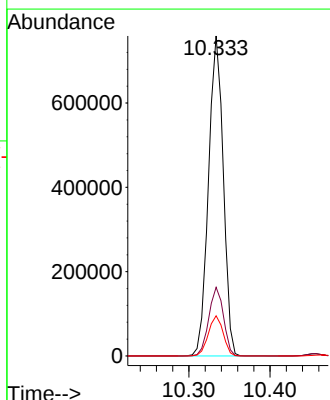
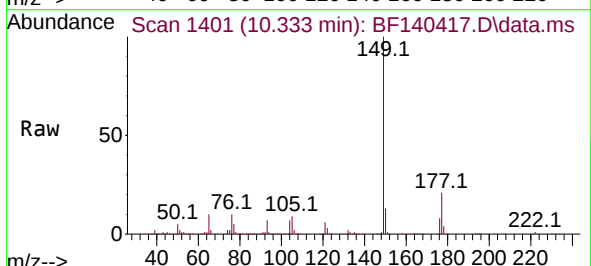
Manual Integrations
APPROVED

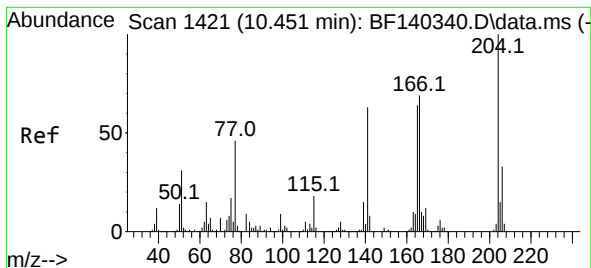
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#60
Diethylphthalate
Concen: 39.351 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

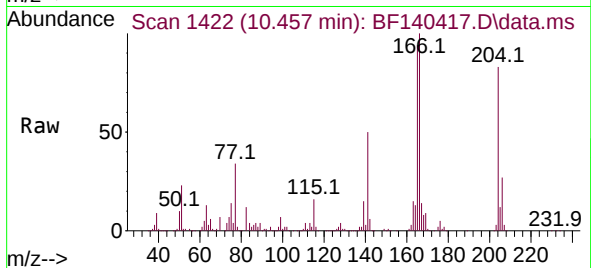
Tgt Ion:149 Resp: 957261
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 38.886 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

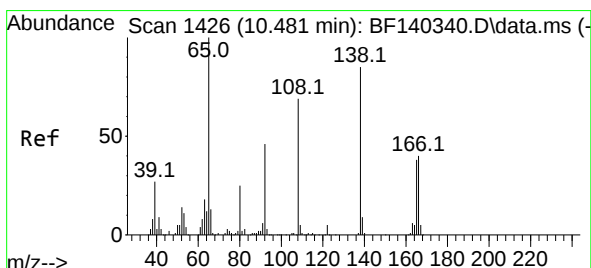
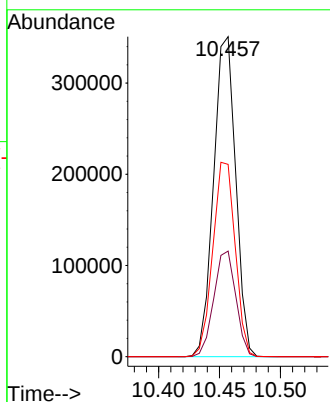
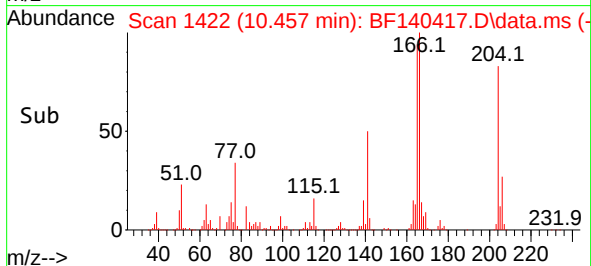
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 443760
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 60.1 49.8 74.8

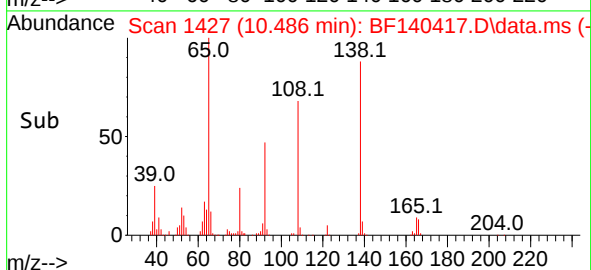
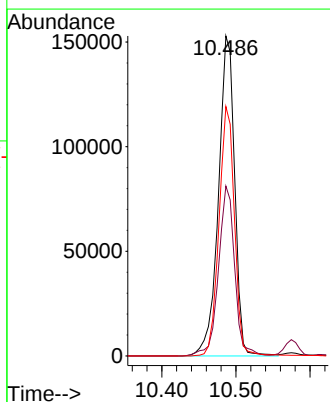
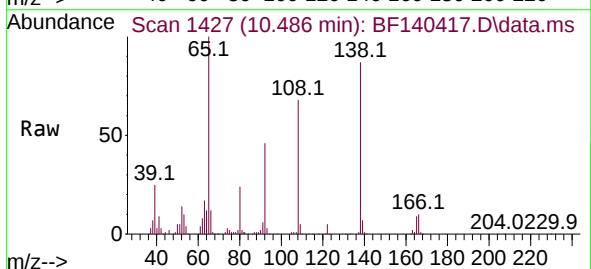
Manual Integrations
APPROVED

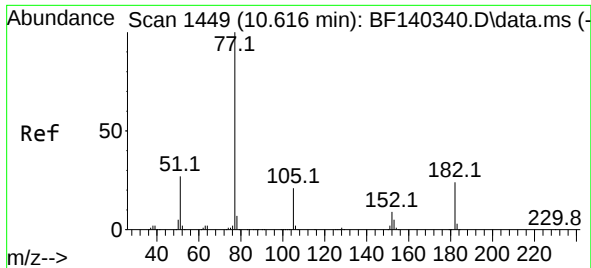
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#62
4-Nitroaniline
Concen: 40.025 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Tgt Ion:138 Resp: 233091
Ion Ratio Lower Upper
138 100
92 53.1 33.8 73.8
108 77.9 59.9 99.9





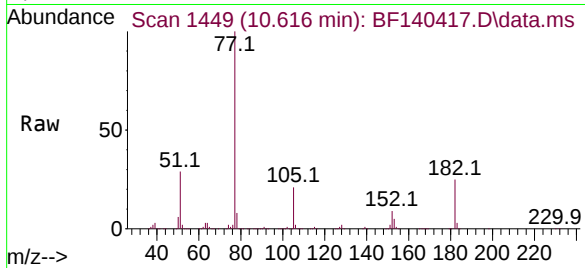
#63
Azobenzene
Concen: 38.024 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



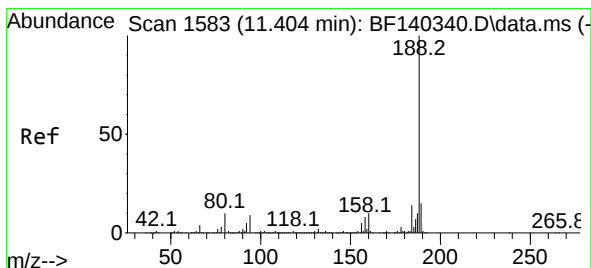
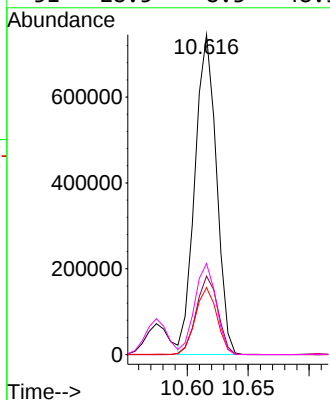
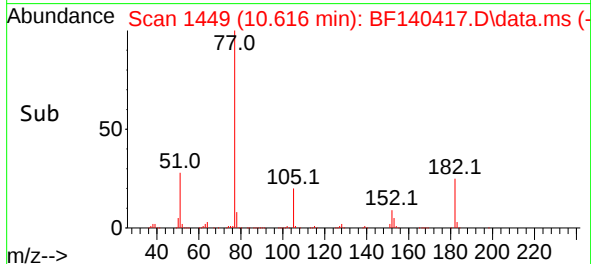
Tgt Ion: 77 Resp: 913925
Ion Ratio Lower Upper
77 100
182 24.6 4.6 44.6
105 21.0 0.9 40.9
51 28.5 8.3 48.3

Manual Integrations

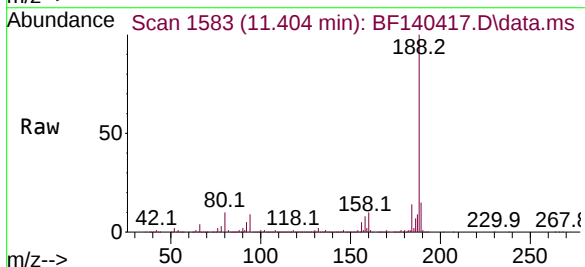
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

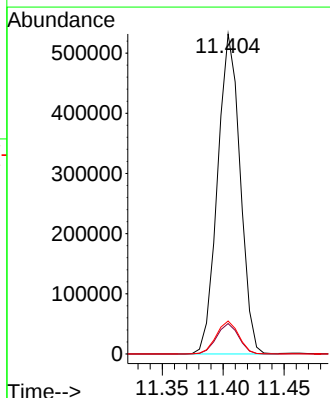
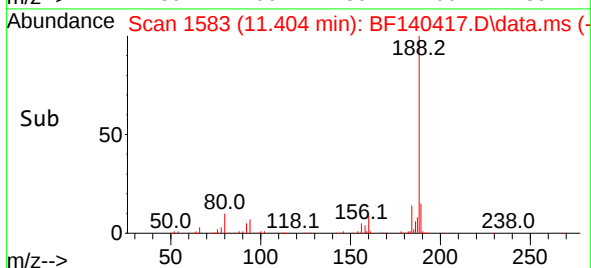
Supervised By :mohammad ahmed 11/19/2024

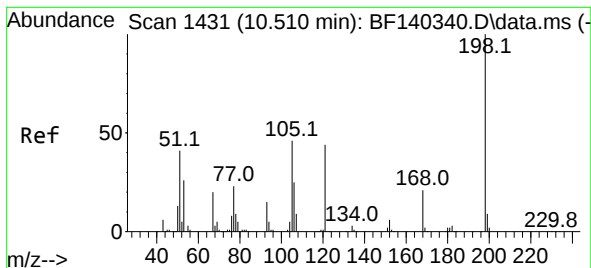


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34



Tgt Ion:188 Resp: 687284
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 10.3 8.0 12.0





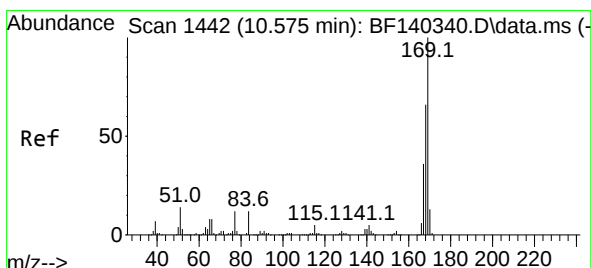
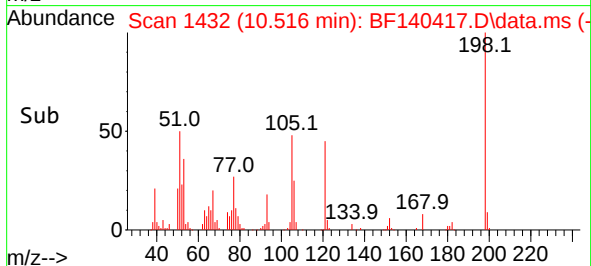
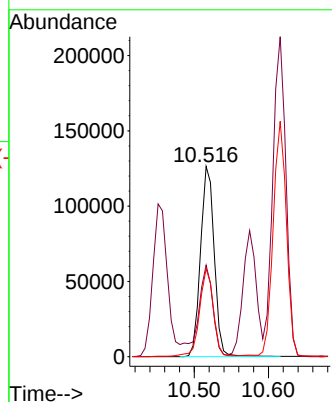
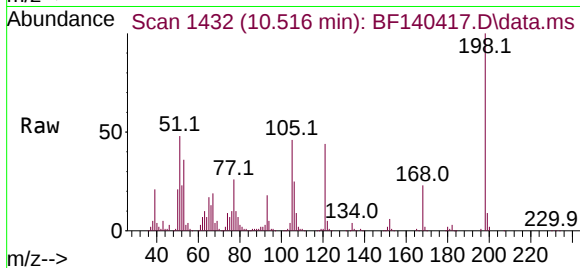
#65
4,6-Dinitro-2-methylphenol
Concen: 43.912 ng
RT: 10.516 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 162374
Ion Ratio Lower Upper
198 100
51 48.1 29.7 69.7
105 46.1 26.3 66.3

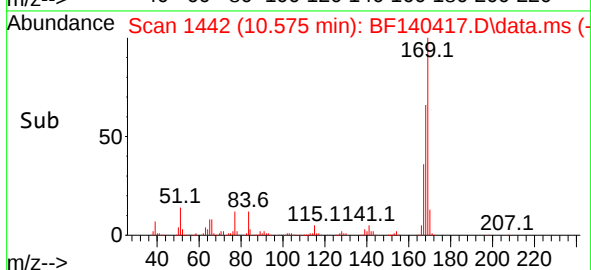
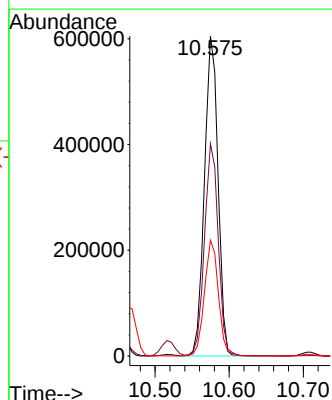
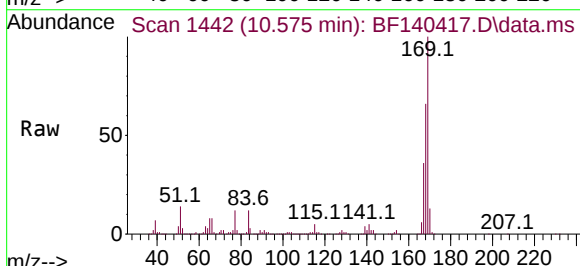
Manual Integrations
APPROVED

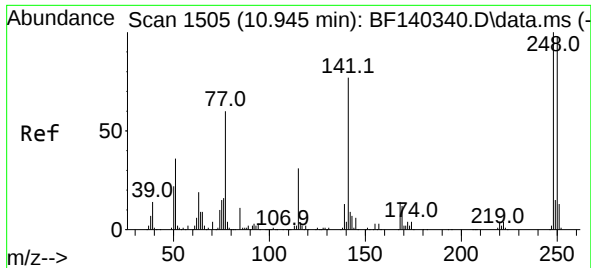
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#66
n-Nitrosodiphenylamine
Concen: 38.802 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Tgt Ion:169 Resp: 770535
Ion Ratio Lower Upper
169 100
168 66.4 52.7 79.1
167 36.1 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 39.654 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

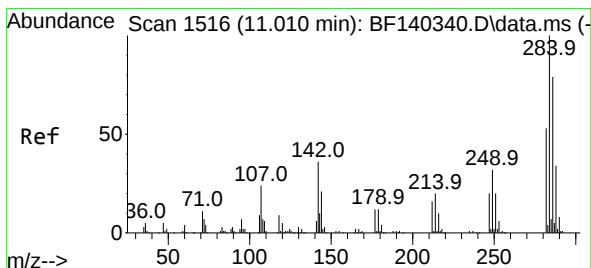
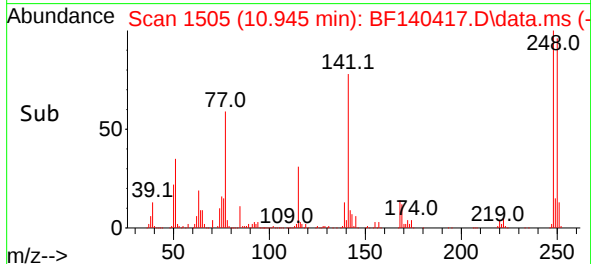
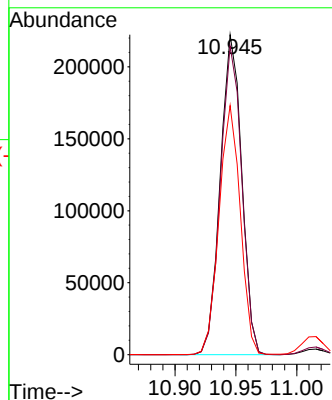
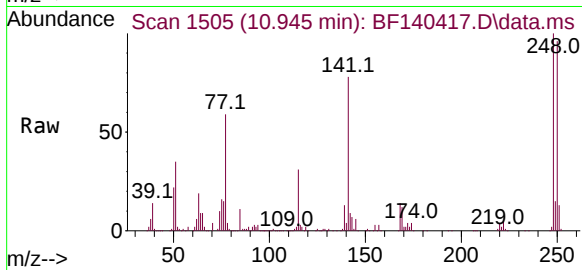
SSTDCCC040

Tgt Ion:248 Resp: 272428
Ion Ratio Lower Upper
248 100
250 96.4 77.9 116.9
141 77.9 61.8 92.6

Manual Integrations

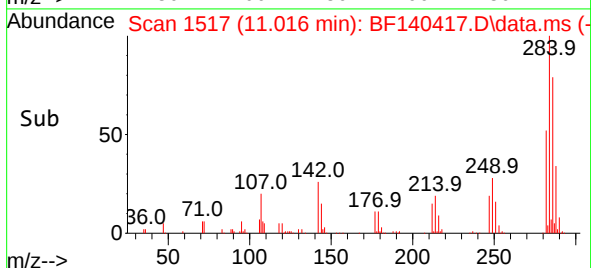
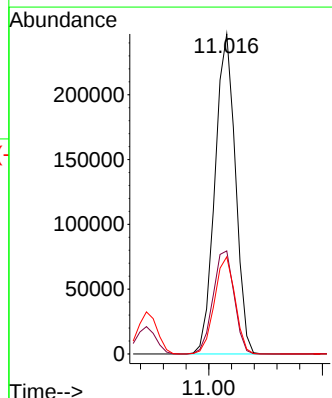
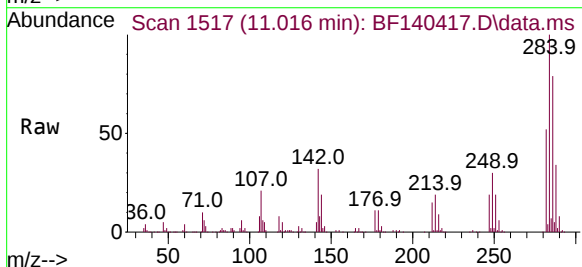
APPROVED

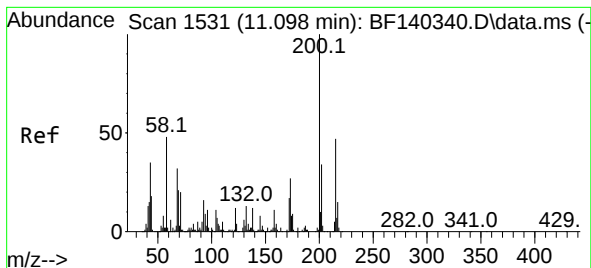
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#68
Hexachlorobenzene
Concen: 39.812 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Tgt Ion:284 Resp: 307743
Ion Ratio Lower Upper
284 100
142 32.2 28.1 42.1
249 30.4 24.9 37.3





#69

Atrazine

Concen: 35.023 ng

RT: 11.104 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 210410

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

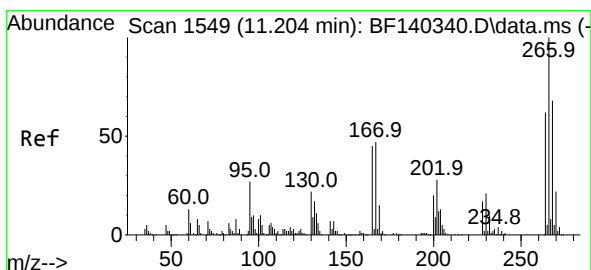
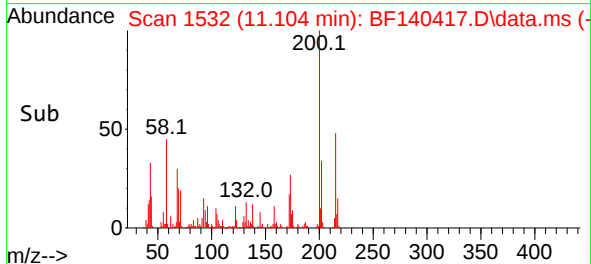
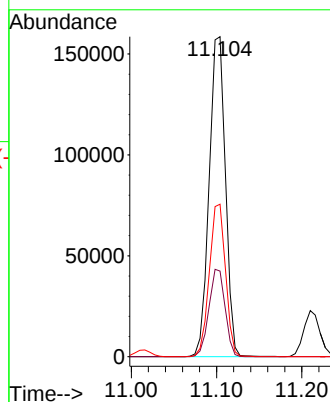
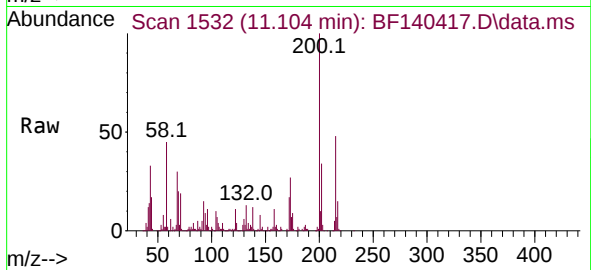
215 47.6 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#70

Pentachlorophenol

Concen: 40.271 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

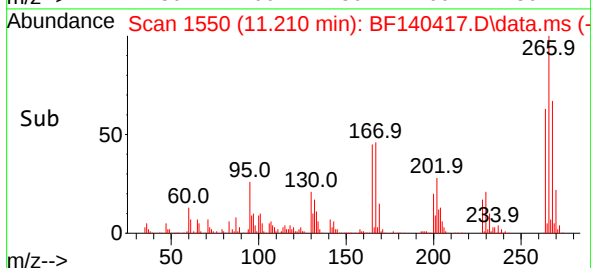
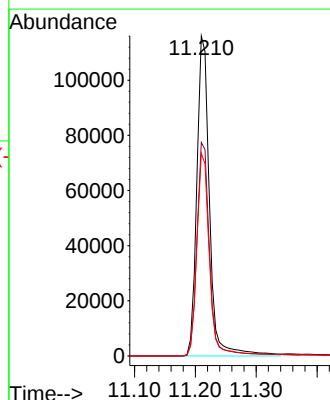
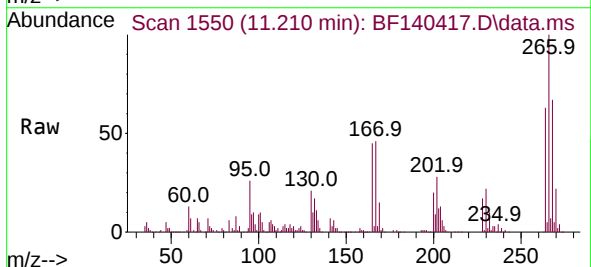
Tgt Ion:266 Resp: 167682

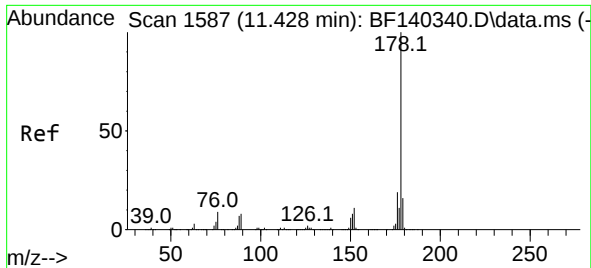
Ion Ratio Lower Upper

266 100

268 66.7 52.9 79.3

264 63.4 50.3 75.5





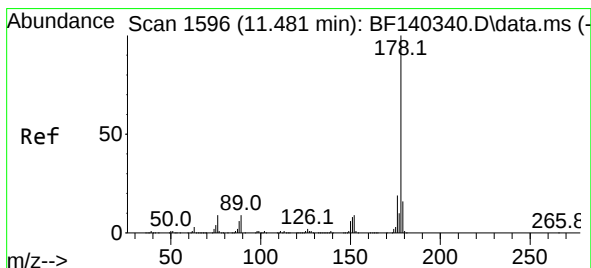
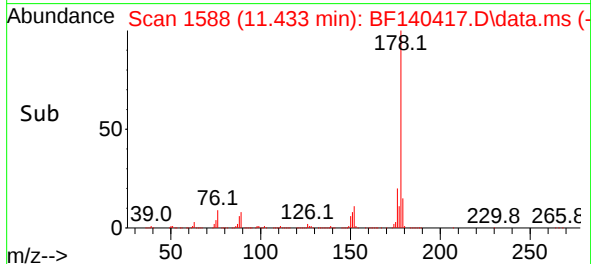
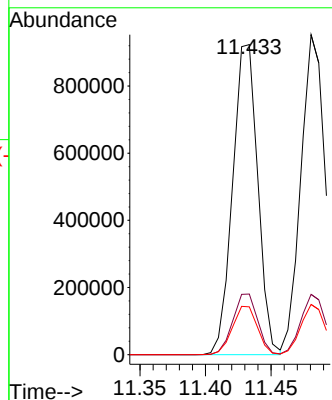
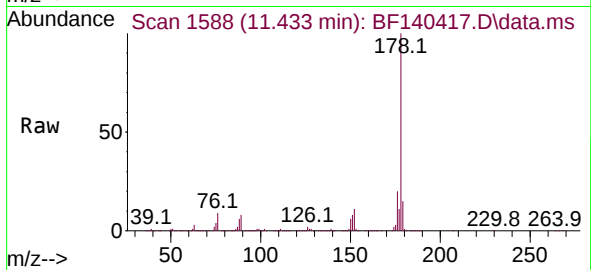
#71
Phenanthrene
Concen: 38.224 ng
RT: 11.433 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1234090
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.4 12.4 18.6

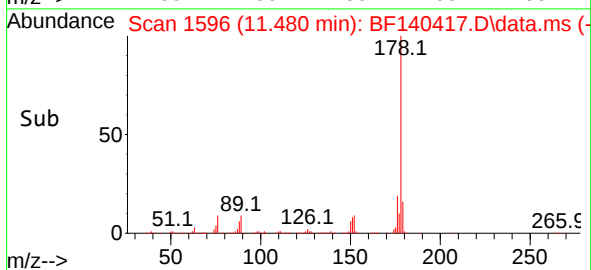
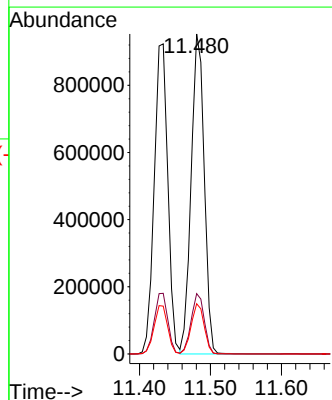
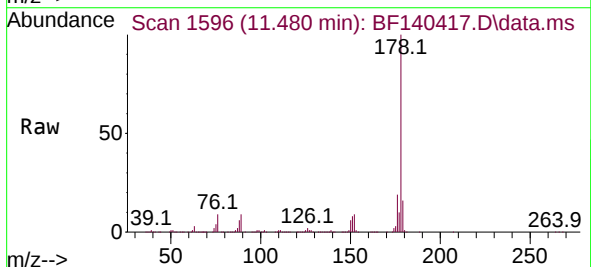
Manual Integrations
APPROVED

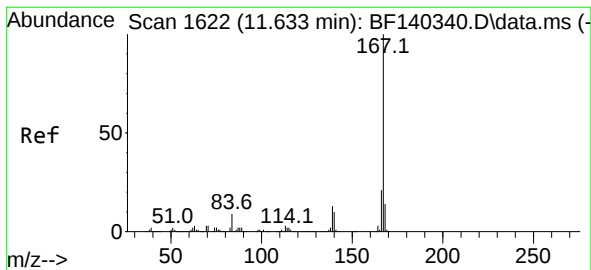
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#72
Anthracene
Concen: 38.679 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Tgt Ion:178 Resp: 1223863
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.7 12.6 18.8





#73

Carbazole

Concen: 38.618 ng

RT: 11.639 min Scan# 1623

Delta R.T. 0.006 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 120656

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

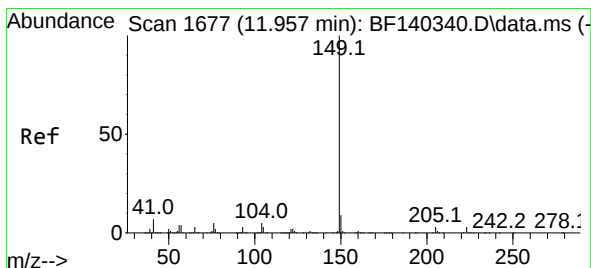
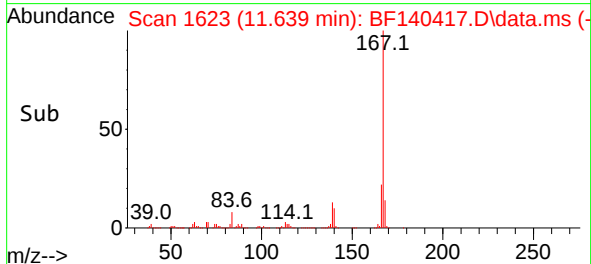
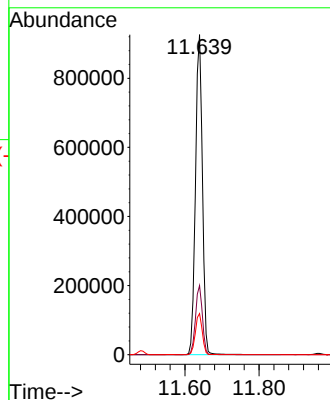
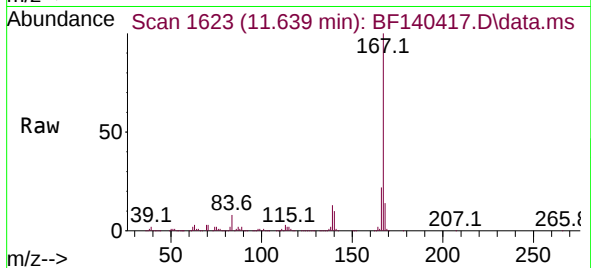
139 12.9 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#74

Di-n-butylphthalate

Concen: 39.934 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.006 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

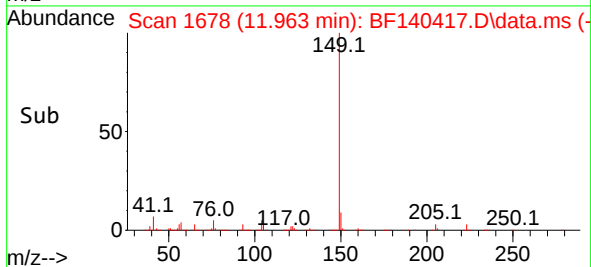
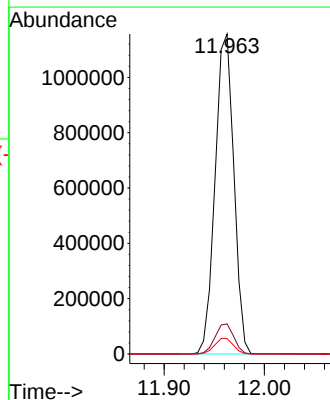
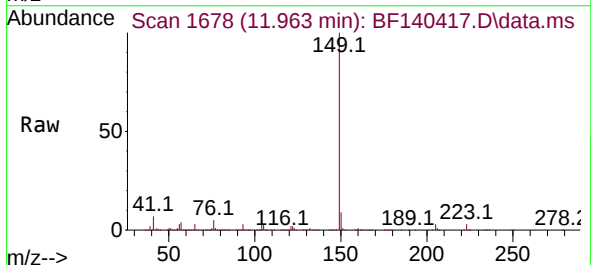
Tgt Ion:149 Resp: 1497471

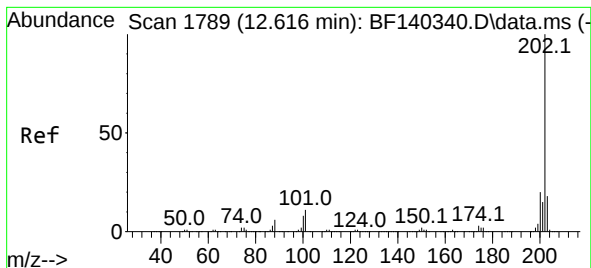
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.8 4.0 6.0





#75

Fluoranthene

Concen: 38.456 ng

RT: 12.622 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 139295

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.7

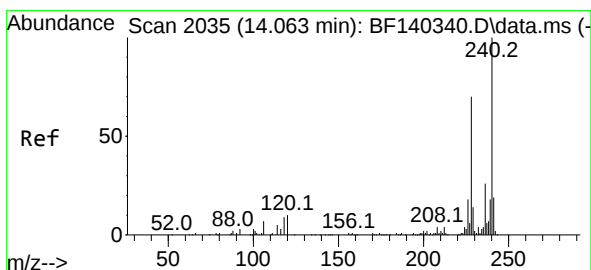
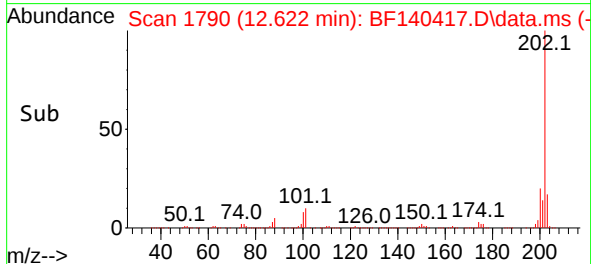
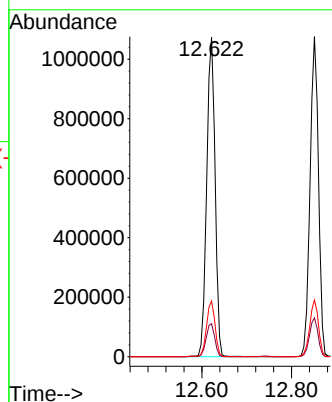
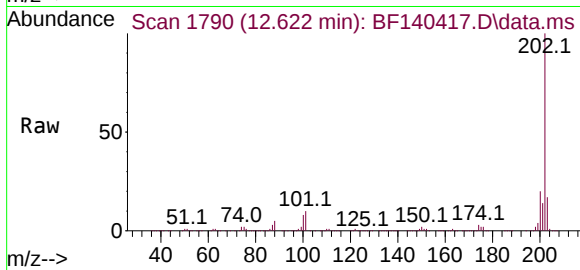
203 17.4 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

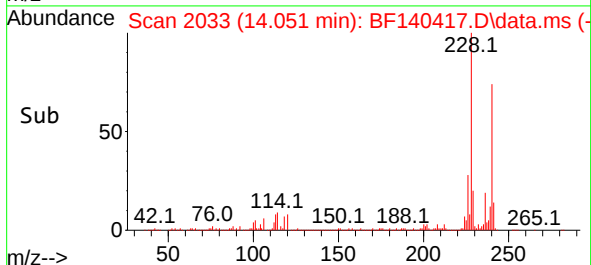
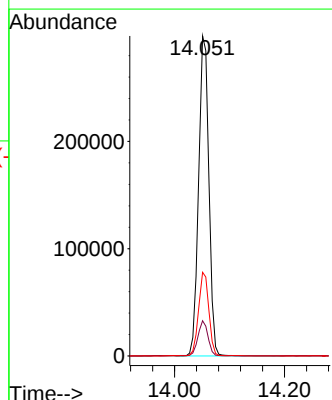
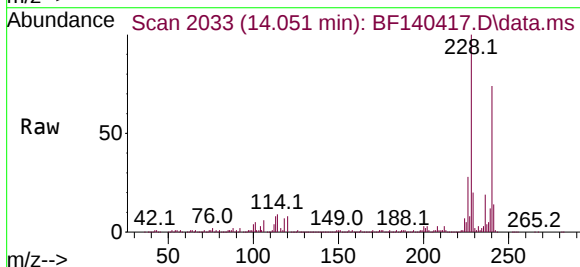
Tgt Ion:240 Resp: 387415

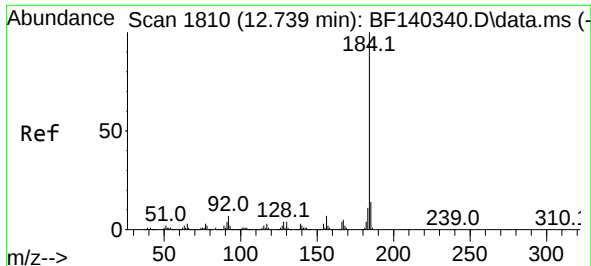
Ion Ratio Lower Upper

240 100

120 11.0 8.8 13.2

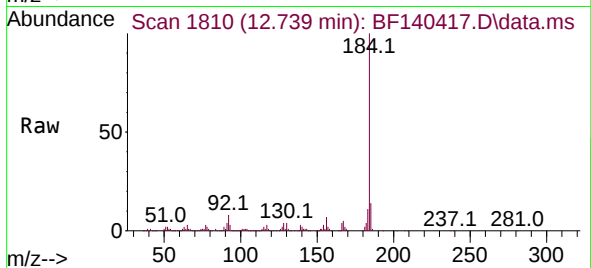
236 26.1 20.9 31.3





#77
Benzidine
Concen: 27.139 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

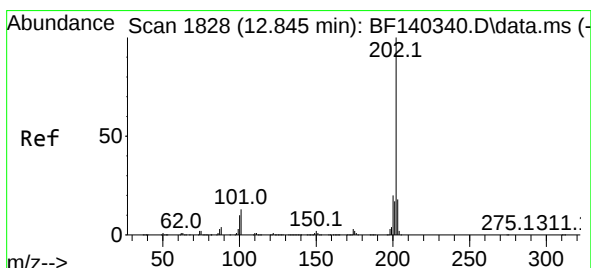
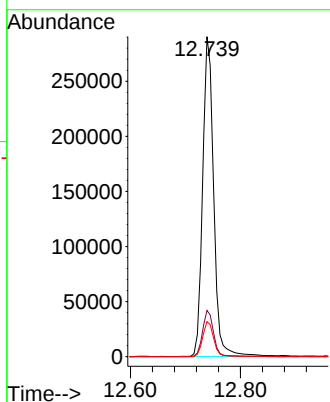
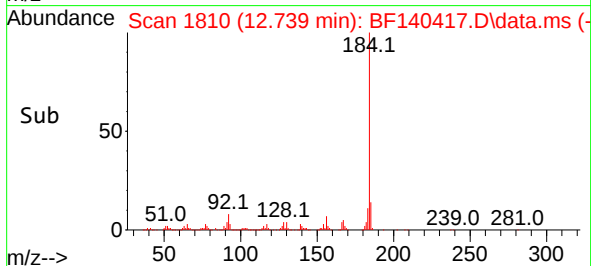
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



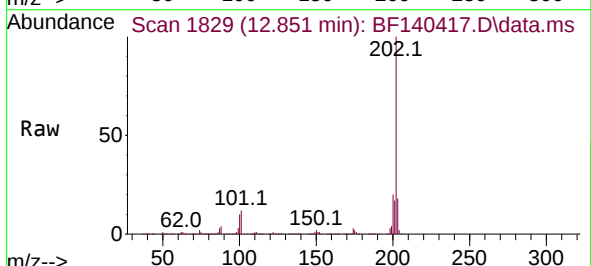
Tgt Ion:184 Resp: 403532
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 10.9 8.6 13.0

Manual Integrations
APPROVED

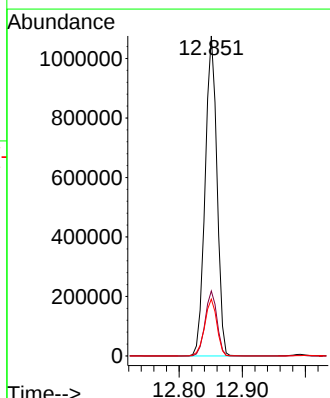
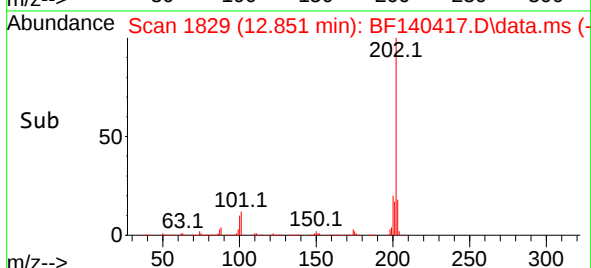
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

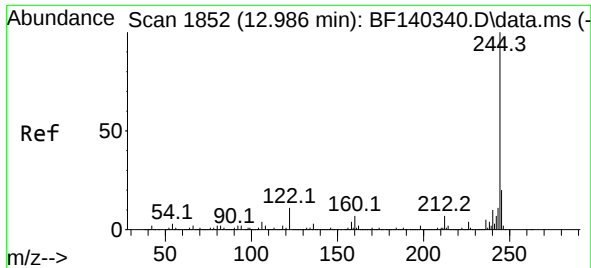


#78
Pyrene
Concen: 42.188 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34



Tgt Ion:202 Resp: 1398048
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.7 14.2 21.4





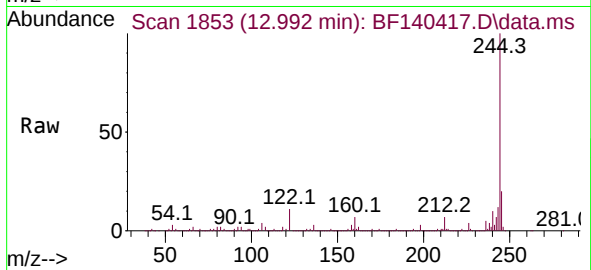
#79
Terphenyl-d14
Concen: 82.901 ng
RT: 12.992 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



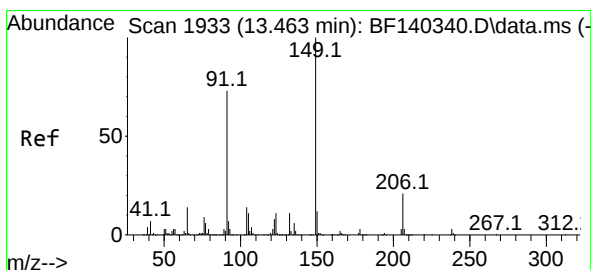
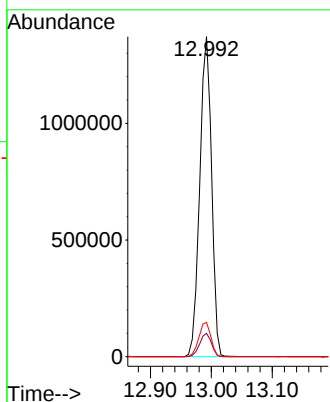
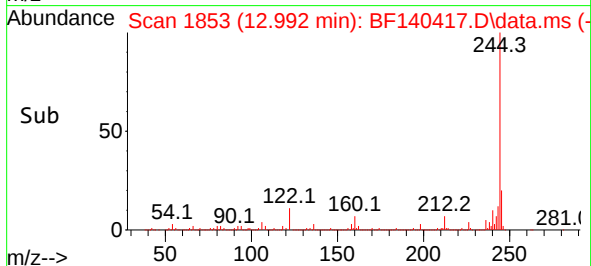
Tgt Ion:244 Resp: 185028
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.7 8.8 13.2

Manual Integrations

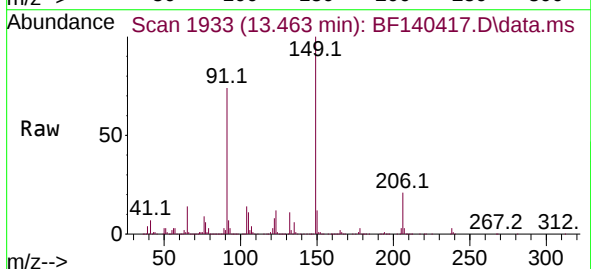
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

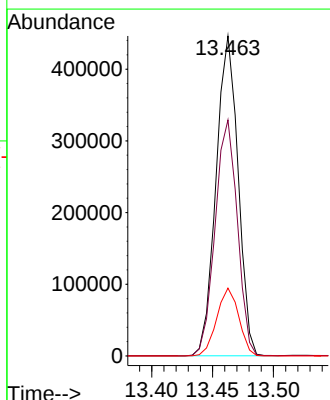
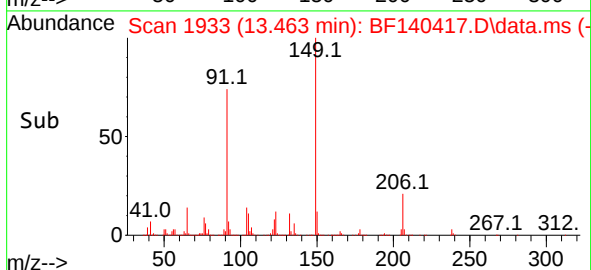
Supervised By :mohammad ahmed 11/19/2024

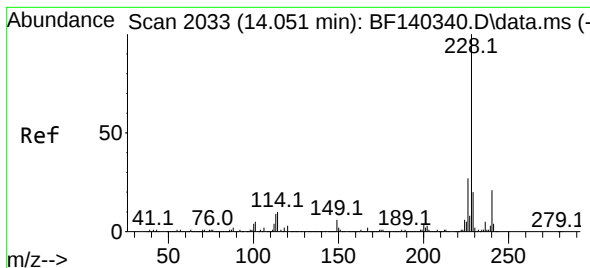


#80
Butylbenzylphthalate
Concen: 44.155 ng
RT: 13.463 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34



Tgt Ion:149 Resp: 562104
Ion Ratio Lower Upper
149 100
91 73.7 61.0 91.4
206 21.2 16.1 24.1





#81

Benzo(a)anthracene

Concen: 40.455 ng

RT: 14.039 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF140417.D

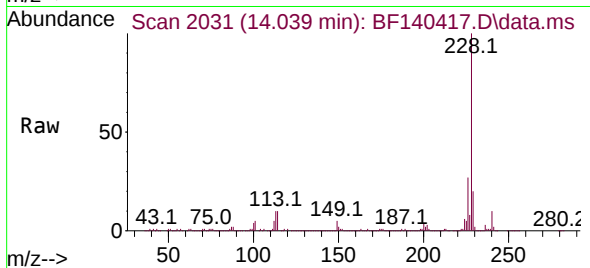
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 1030059

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

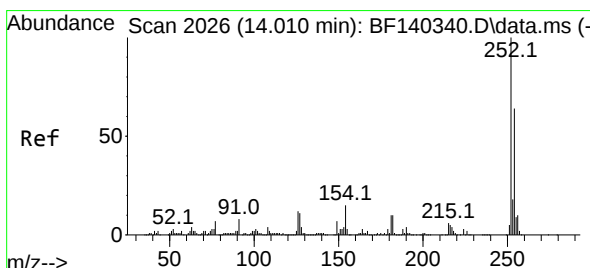
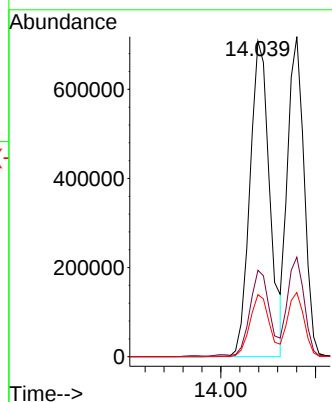
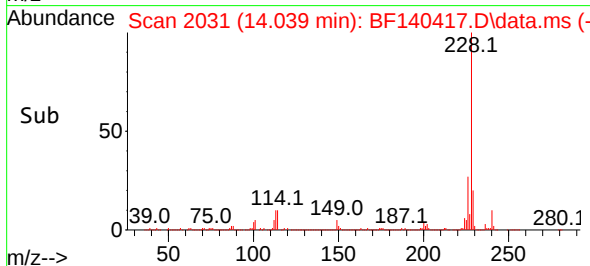
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#82

3,3'-Dichlorobenzidine

Concen: 37.880 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

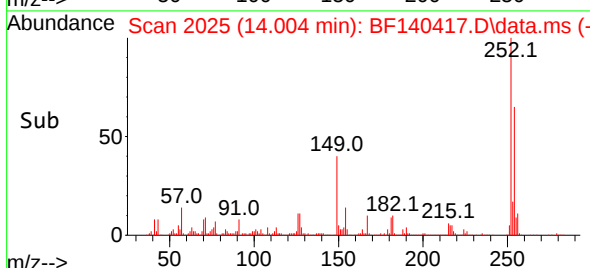
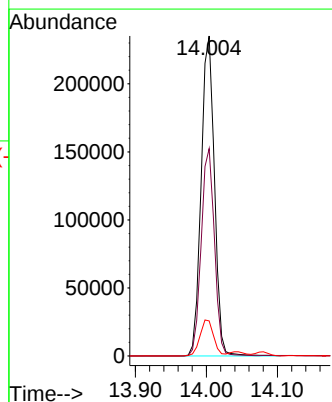
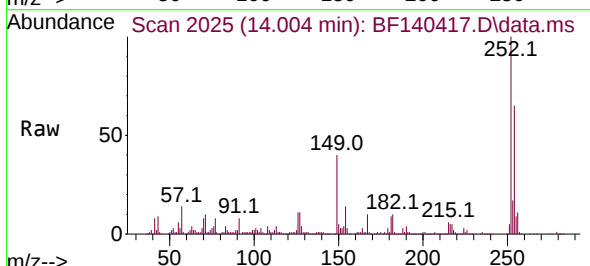
Tgt Ion:252 Resp: 306565

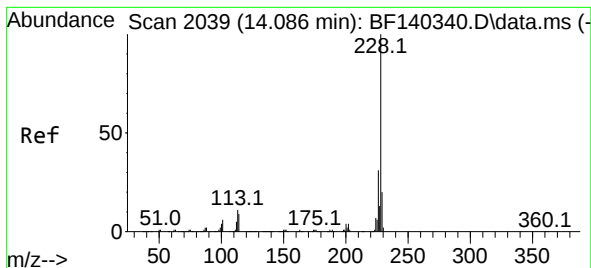
Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.2

126 11.0 9.4 14.0





#83

Chrysene

Concen: 37.339 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 86744

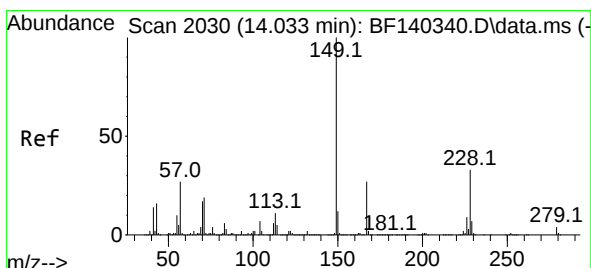
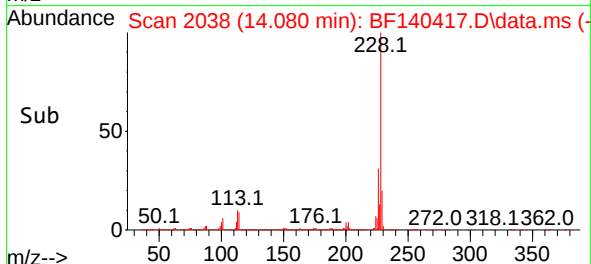
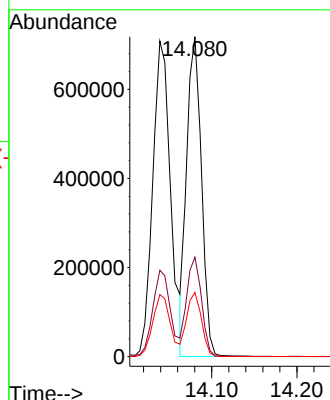
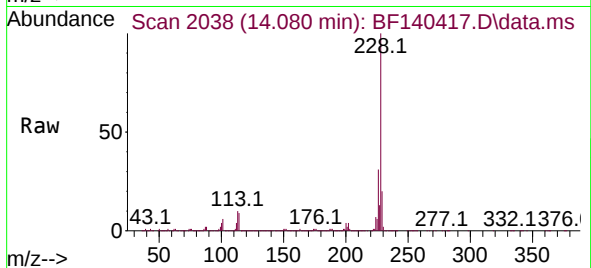
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	20.1	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.706 ng

RT: 14.021 min Scan# 2028

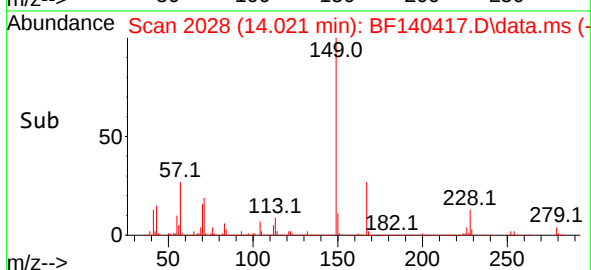
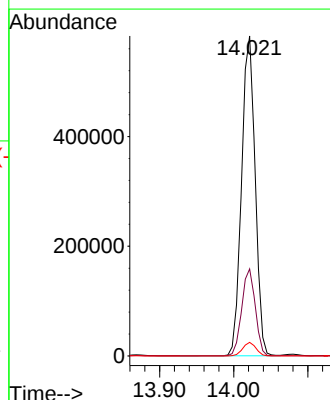
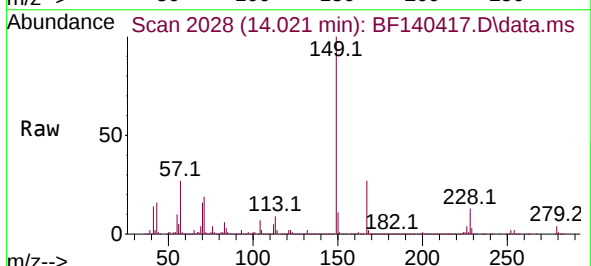
Delta R.T. -0.000 min

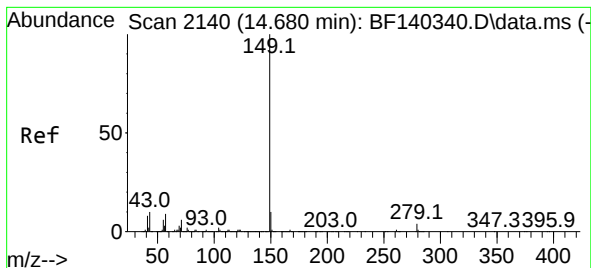
Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

Tgt Ion:149 Resp: 742638

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.4	32.0
279	4.3	3.0	4.6





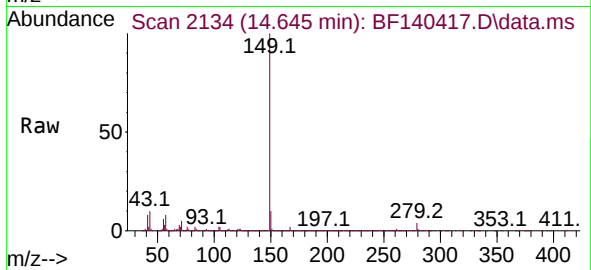
#85
Di-n-octyl phthalate
Concen: 41.261 ng
RT: 14.645 min Scan# 2140
Delta R.T. -0.018 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



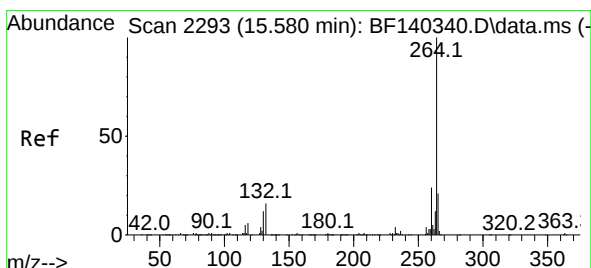
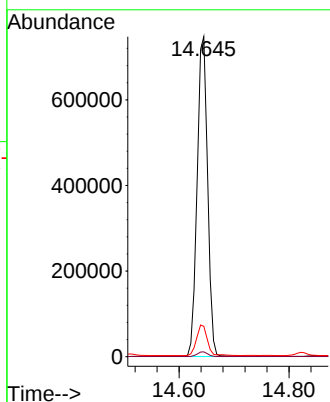
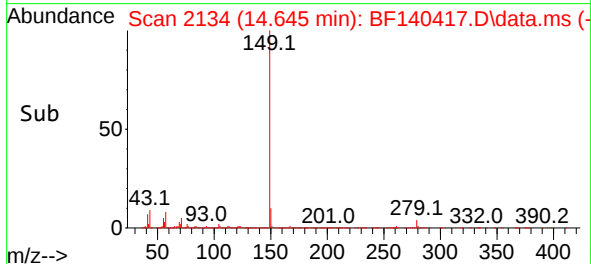
Tgt Ion:149 Resp: 987420
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.8 8.0 12.0

Manual Integrations

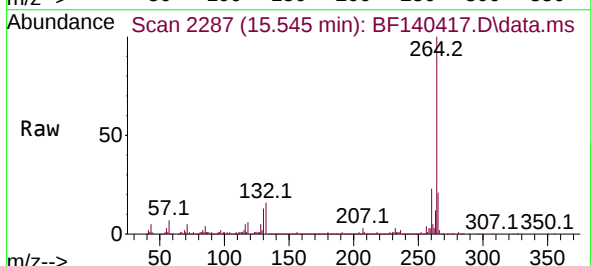
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

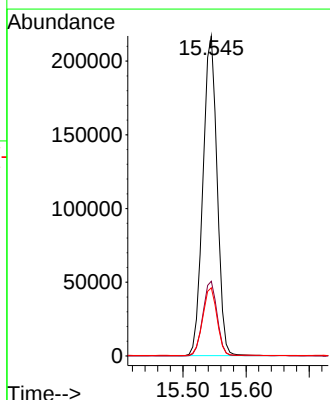
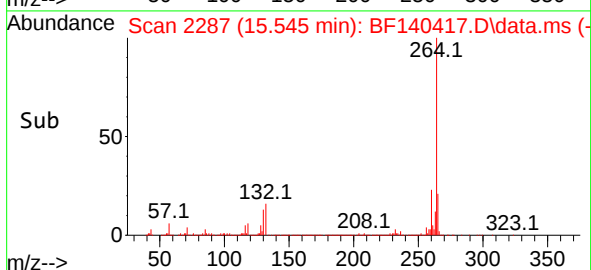
Supervised By :mohammad ahmed 11/19/2024

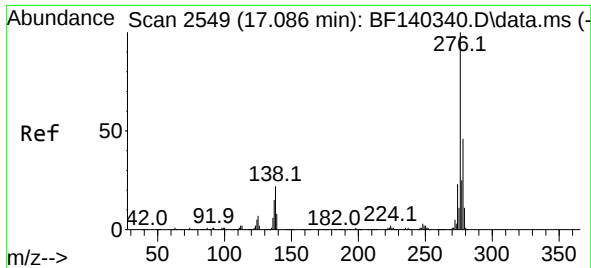


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34



Tgt Ion:264 Resp: 336604
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.3 17.1 25.7





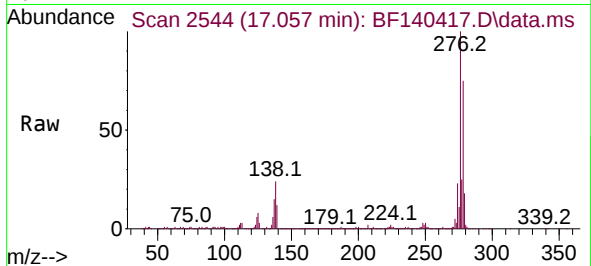
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.946 ng
RT: 17.057 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



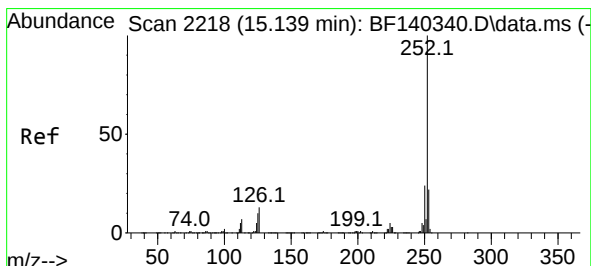
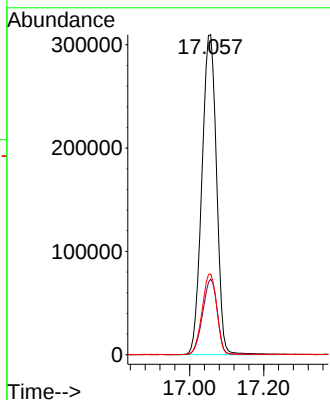
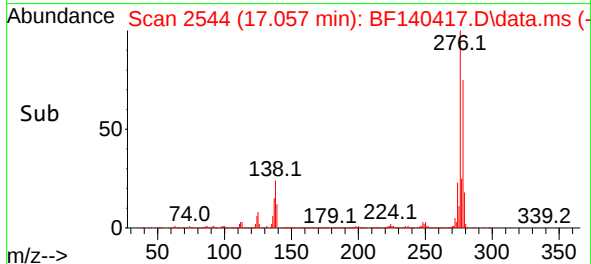
Tgt Ion:276 Resp: 851380
Ion Ratio Lower Upper
276 100
138 23.3 18.8 28.2
277 25.3 20.2 30.2

Manual Integrations

APPROVED

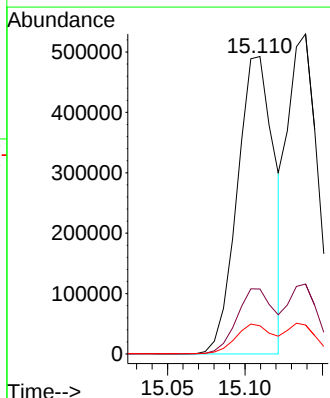
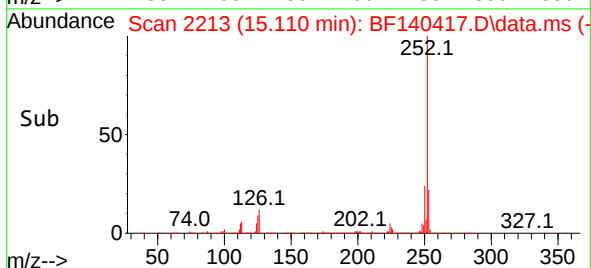
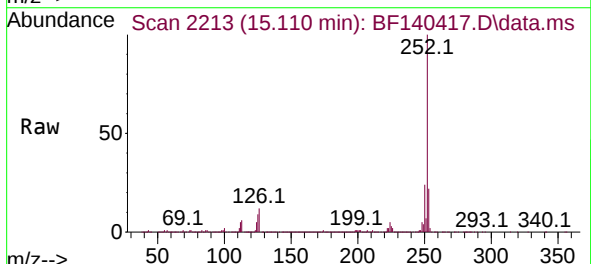
Reviewed By :Yogesh Patel 11/19/2024

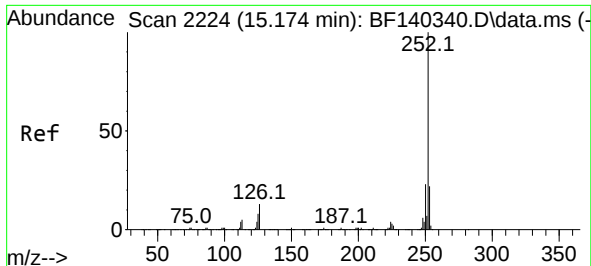
Supervised By :mohammad ahmed 11/19/2024



#88
Benzo(b)fluoranthene
Concen: 36.971 ng
RT: 15.110 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Tgt Ion:252 Resp: 814060
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 39.773 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 71543

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

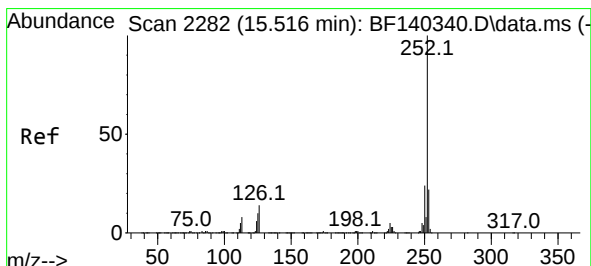
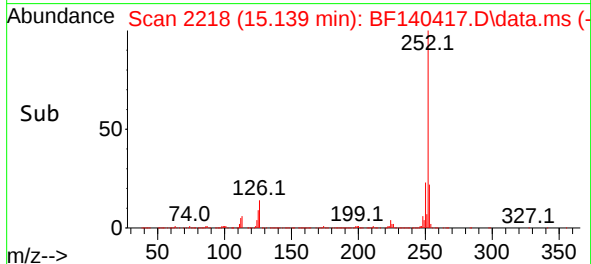
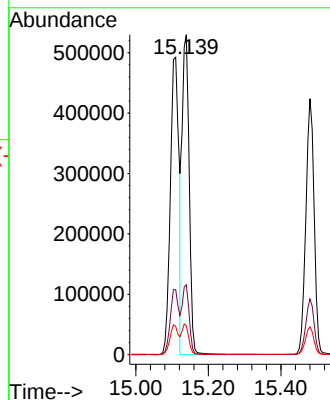
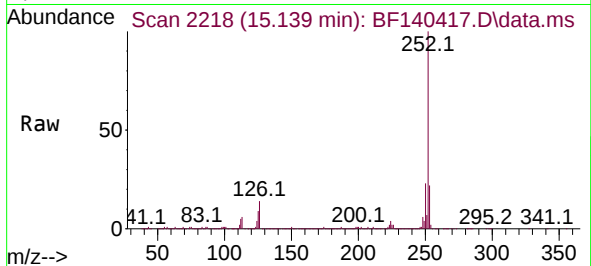
125 9.1 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#90

Benzo(a)pyrene

Concen: 39.340 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.012 min

Lab File: BF140417.D

Acq: 16 Nov 2024 09:34

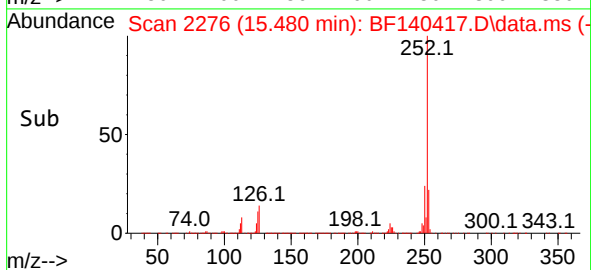
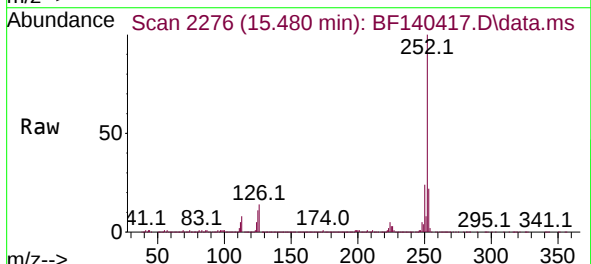
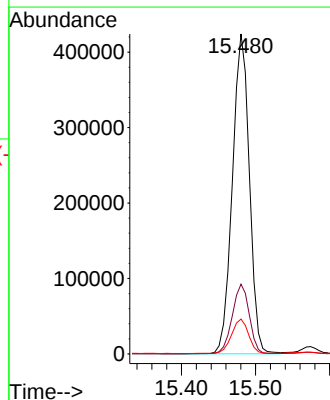
Tgt Ion:252 Resp: 672678

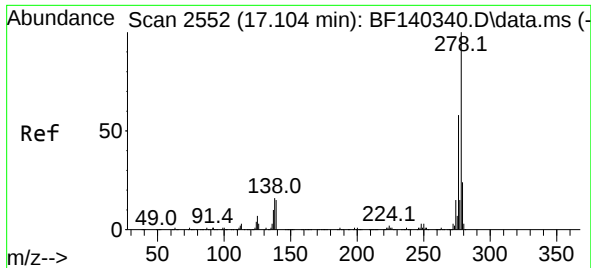
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 10.9 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 41.141 ng
RT: 17.068 min Scan# 2546
Delta R.T. -0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Instrument :

BNA_F

ClientSampleId :

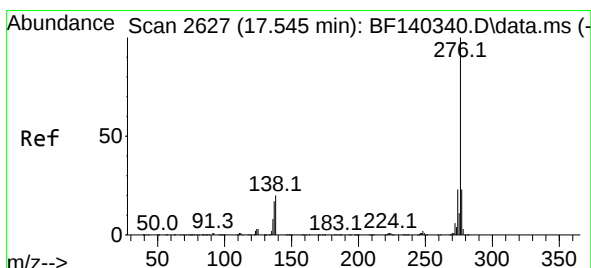
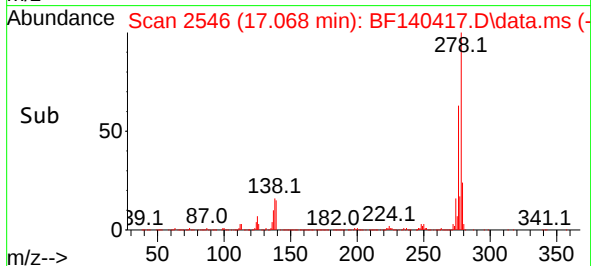
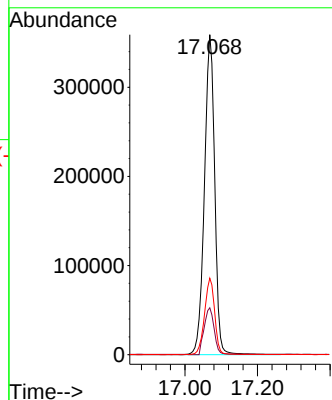
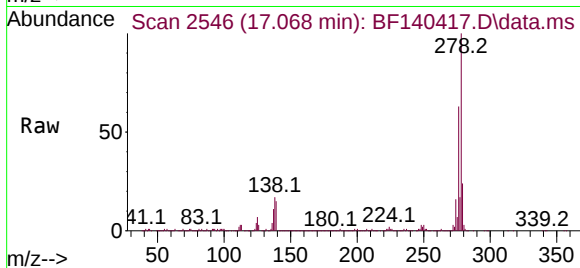
SSTDCCC040

Tgt Ion:278 Resp: 70711
Ion Ratio Lower Upper
278 100
139 14.6 11.8 17.8
279 23.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#92
Benzo(g,h,i)perylene
Concen: 40.399 ng
RT: 17.509 min Scan# 2621
Delta R.T. -0.006 min
Lab File: BF140417.D
Acq: 16 Nov 2024 09:34

Tgt Ion:276 Resp: 709860
Ion Ratio Lower Upper
276 100
277 23.6 18.6 28.0
138 20.0 16.0 24.0

