

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140419.D
 Acq On : 16 Nov 2024 10:28
 Operator : RC/JU
 Sample : PB164993BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164993BS

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 00:04:39 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	169538	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	648089	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	365262	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	688745	20.000	ng	0.00
76) Chrysene-d12	14.057	240	378177	20.000	ng	0.00
86) Perylene-d12	15.545	264	337908	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1198388	120.687	ng	0.03
7) Phenol-d6	6.522	99	1554660	115.561	ng	0.02
23) Nitrobenzene-d5	7.439	82	1035098	83.216	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	474213	130.556	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1888003	83.093	ng	0.00
79) Terphenyl-d14	12.992	244	2171957	99.691	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	144696	32.695	ng	99
3) Pyridine	3.487	79	377804	34.725	ng	99
4) n-Nitrosodimethylamine	3.446	42	223584	40.660	ng	99
6) Aniline	6.539	93	466474	39.859	ng	# 21
8) 2-Chlorophenol	6.669	128	472492	44.297	ng	98
9) Benzaldehyde	6.428	77	44647	5.537	ng	97
10) Phenol	6.539	94	575667	40.576	ng	# 68
11) bis(2-Chloroethyl)ether	6.610	93	459310	42.727	ng	99
12) 1,3-Dichlorobenzene	6.816	146	480465	40.826	ng	99
13) 1,4-Dichlorobenzene	6.892	146	486839	40.797	ng	99
14) 1,2-Dichlorobenzene	7.045	146	464191	41.902	ng	99
15) Benzyl Alcohol	7.022	79	429500	44.312	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	611352	41.173	ng	# 45
17) 2-Methylphenol	7.139	107	376425	42.900	ng	# 91
18) Hexachloroethane	7.386	117	182767	41.429	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	332312	40.899	ng	99
20) 3+4-Methylphenols	7.292	107	460641	41.978	ng	98
22) Acetophenone	7.287	105	621959	41.263	ng	99
24) Nitrobenzene	7.463	77	515024	39.768	ng	98
25) Isophorone	7.698	82	936484	42.480	ng	100
26) 2-Nitrophenol	7.775	139	253075	44.036	ng	100
27) 2,4-Dimethylphenol	7.816	122	385255m	52.361	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	561498	41.539	ng	99
29) 2,4-Dichlorophenol	8.022	162	397282	43.691	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	406910	40.194	ng	100
31) Naphthalene	8.181	128	1362481	41.443	ng	100
32) Benzoic acid	7.945	122	292235	45.138	ng	97
33) 4-Chloroaniline	8.228	127	380340	33.266	ng	100
34) Hexachlorobutadiene	8.292	225	261677	40.569	ng	99
35) Caprolactam	8.598	113	134251m	44.421	ng	
36) 4-Chloro-3-methylphenol	8.722	107	436311	43.298	ng	99
37) 2-Methylnaphthalene	8.869	142	888597	42.152	ng	99
38) 1-Methylnaphthalene	8.969	142	828388	40.129	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	416489	41.234	ng	99
41) Hexachlorocyclopentadiene	9.022	237	423884	163.448	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	289300	43.643	ng	99

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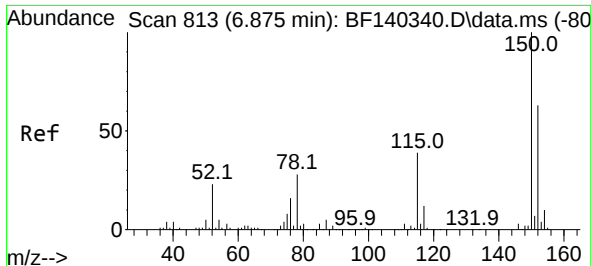
Manual Integrations
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Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	306431	42.282	ng	96
46) 1,1'-Biphenyl	9.333	154	1111114	41.814	ng	100
47) 2-Chloronaphthalene	9.363	162	822289	40.623	ng	99
48) 2-Nitroaniline	9.463	65	290570	43.284	ng	100
49) Acenaphthylene	9.780	152	1370350	44.744	ng	100
50) Dimethylphthalate	9.639	163	1034918	43.469	ng	100
51) 2,6-Dinitrotoluene	9.704	165	225750	41.592	ng	96
52) Acenaphthene	9.951	154	995287m	48.115	ng	
53) 3-Nitroaniline	9.875	138	201102	35.281	ng	98
54) 2,4-Dinitrophenol	9.986	184	266092	95.069	ng	97
55) Dibenzofuran	10.122	168	1241132	42.384	ng	99
56) 4-Nitrophenol	10.051	139	345985	83.215	ng	98
57) 2,4-Dinitrotoluene	10.110	165	308663	43.210	ng	98
58) Fluorene	10.469	166	972880	42.056	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	267275	46.707	ng	99
60) Diethylphthalate	10.339	149	1058472	43.478	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	482542	42.252	ng	98
62) 4-Nitroaniline	10.492	138	243628	41.801	ng	99
63) Azobenzene	10.616	77	1029776	42.810	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	184898	49.897	ng	94
66) n-Nitrosodiphenylamine	10.575	169	875629	44.001	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	293010	42.559	ng	98
68) Hexachlorobenzene	11.016	284	331678	42.817	ng	98
69) Atrazine	11.104	200	197606	32.821	ng	99
70) Pentachlorophenol	11.216	266	353643	84.751	ng	99
71) Phenanthrene	11.433	178	1382599	42.733	ng	99
72) Anthracene	11.480	178	1428714	45.057	ng	100
73) Carbazole	11.639	167	1318987	42.127	ng	100
74) Di-n-butylphthalate	11.963	149	1662288	44.235	ng	100
75) Fluoranthene	12.621	202	1529420	42.134	ng	100
77) Benzidine	12.739	184	160792	11.078	ng	98
78) Pyrene	12.851	202	1550782	47.940	ng	100
80) Butylbenzylphthalate	13.463	149	645531	51.948	ng	97
81) Benzo(a)anthracene	14.039	228	1149970	46.268	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	306540	38.802	ng	100
83) Chrysene	14.080	228	996044	43.921	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	848424	51.151	ng	99
85) Di-n-octyl phthalate	14.645	149	1135241	48.597	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	998007	47.812	ng	99
88) Benzo(b)fluoranthene	15.110	252	854955	38.678	ng	100
89) Benzo(k)fluoranthene	15.139	252	860355	47.645	ng	99
90) Benzo(a)pyrene	15.486	252	808559	47.104	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	811962	47.060	ng	99
92) Benzo(g,h,i)perylene	17.515	276	745674	42.274	ng	100

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



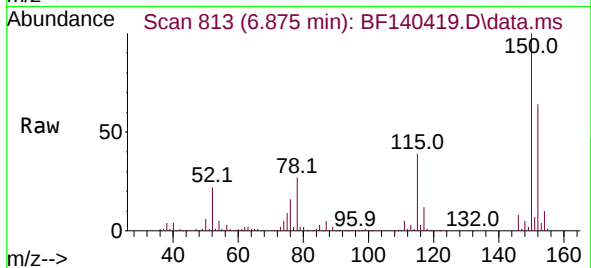
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

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BNA_F

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PB164993BS



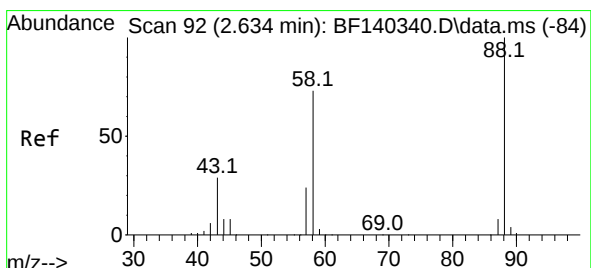
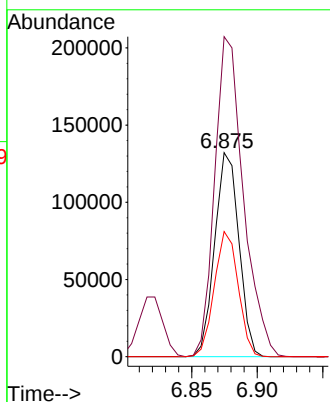
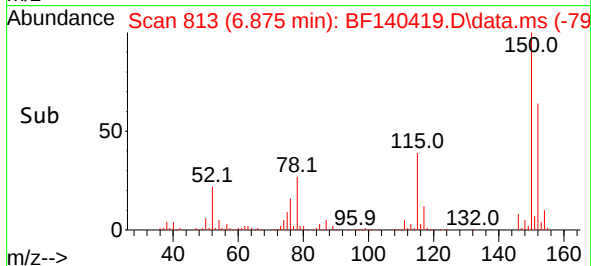
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Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.0
115 61.3 47.4 71.2

Manual Integrations

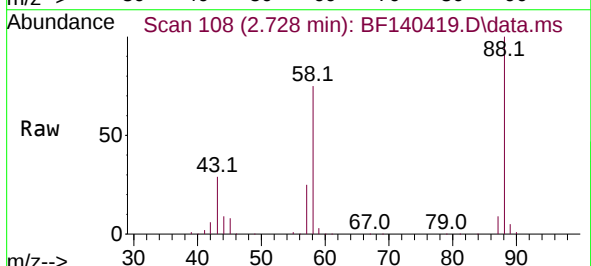
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Reviewed By :Yogesh Patel 11/19/2024

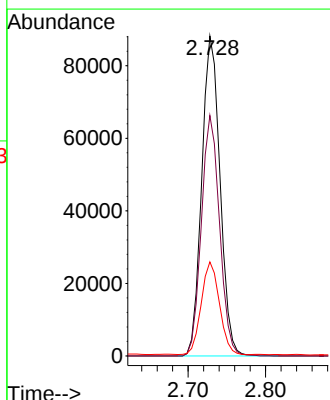
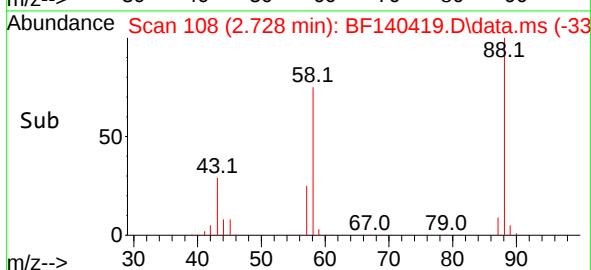
Supervised By :mohammad ahmed 11/19/2024

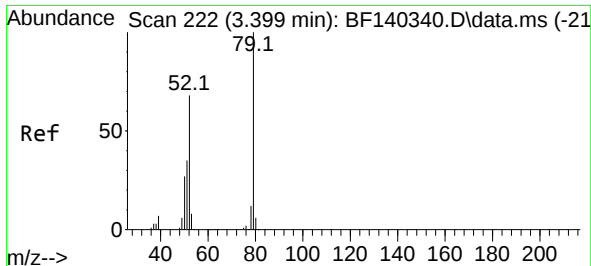


#2
1,4-Dioxane
Concen: 32.695 ng
RT: 2.728 min Scan# 108
Delta R.T. 0.094 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28



Tgt Ion: 88 Resp: 144696
Ion Ratio Lower Upper
88 100
58 74.7 59.5 89.3
43 28.8 23.4 35.2





#3

Pyridine

Concen: 34.725 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS

Tgt Ion: 79 Resp: 377804

Ion Ratio Lower Upper

79 100

52 67.7 53.8 80.6

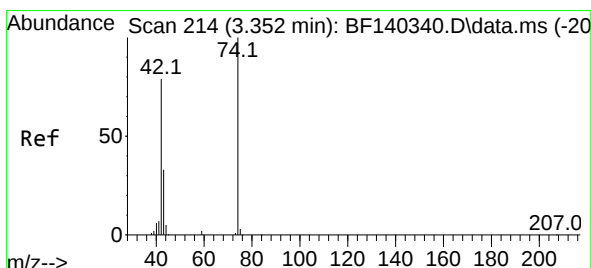
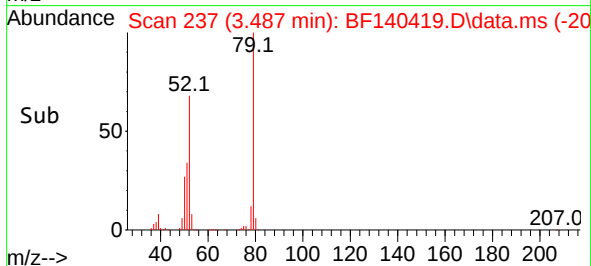
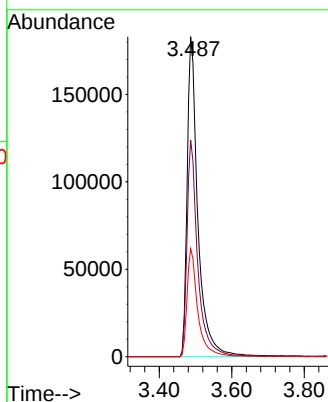
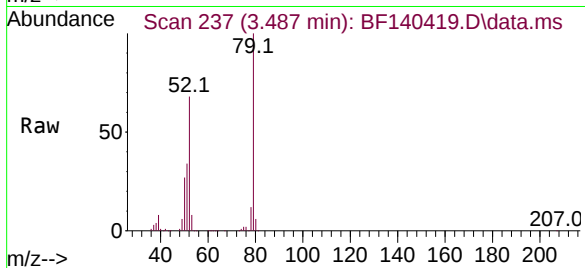
51 33.7 27.3 40.9

Manual Integrations

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Supervised By :mohammad ahmed 11/19/2024



#4

n-Nitrosodimethylamine

Concen: 40.660 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.088 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

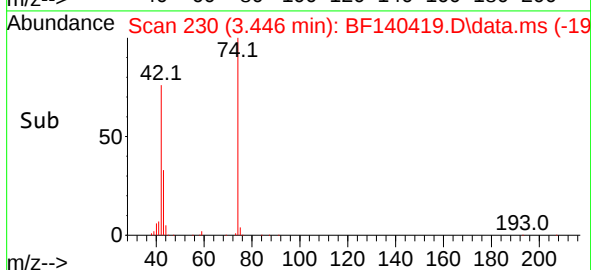
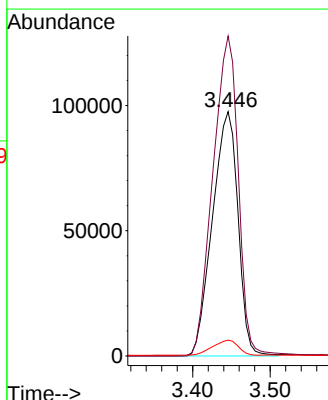
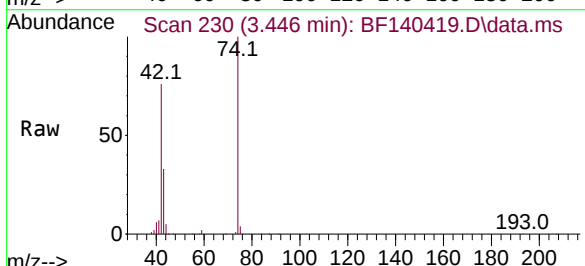
Tgt Ion: 42 Resp: 223584

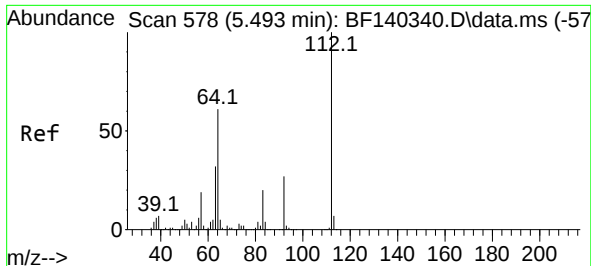
Ion Ratio Lower Upper

42 100

74 131.0 103.5 155.3

44 6.5 5.1 7.7





#5
2-Fluorophenol
Concen: 120.687 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

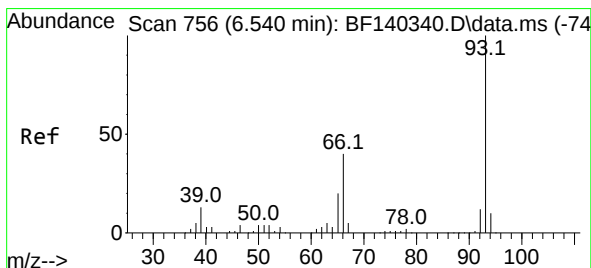
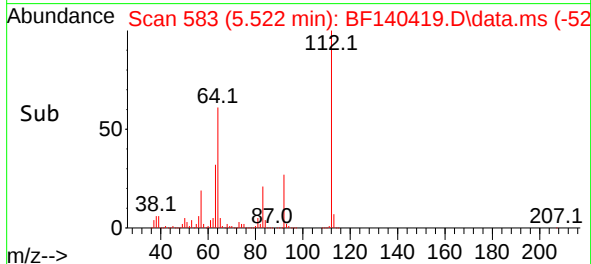
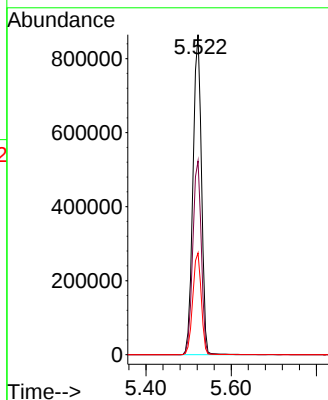
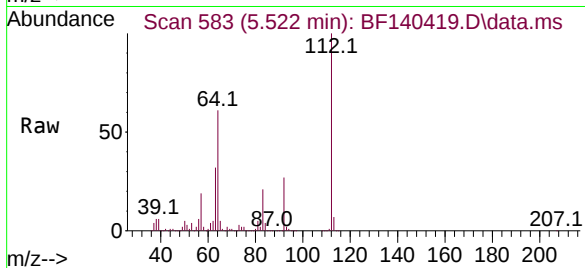
ClientSampleId :

PB164993BS

Tgt Ion:112 Resp: 119838
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 31.8 25.6 38.4

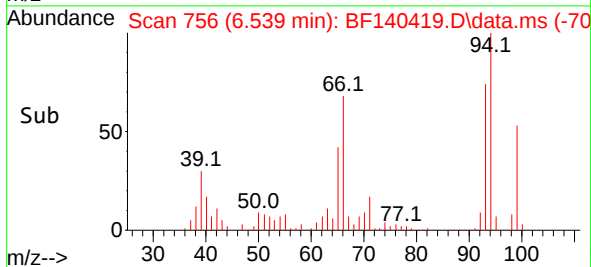
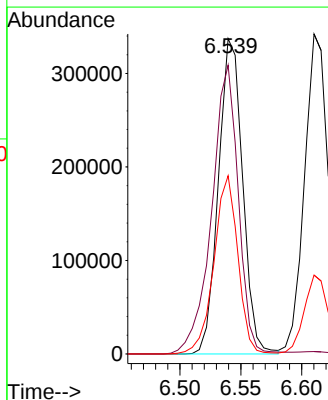
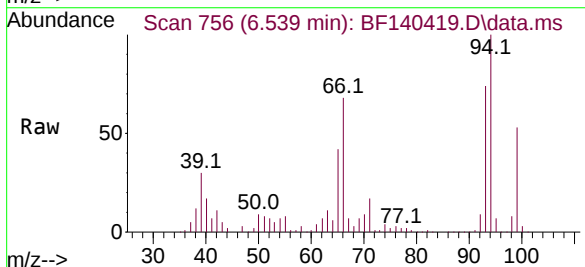
Manual Integrations
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Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#6
Aniline
Concen: 39.859 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

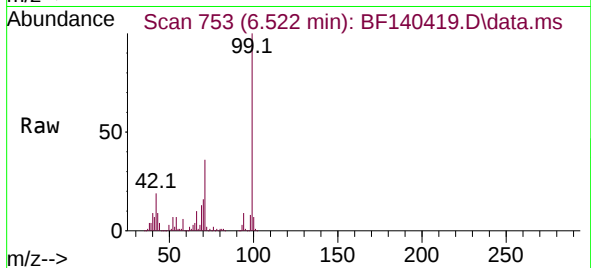
Tgt Ion: 93 Resp: 466474
Ion Ratio Lower Upper
93 100
66 91.6 32.8 49.2#
65 56.5 16.6 25.0#





#7
Phenol-d6
Concen: 115.561 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.018 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

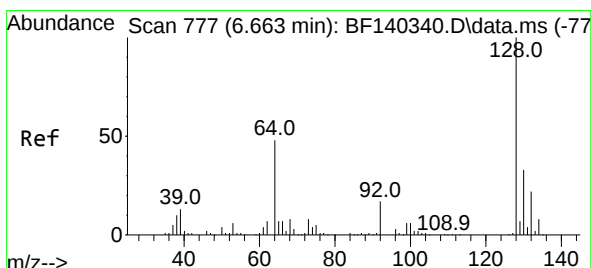
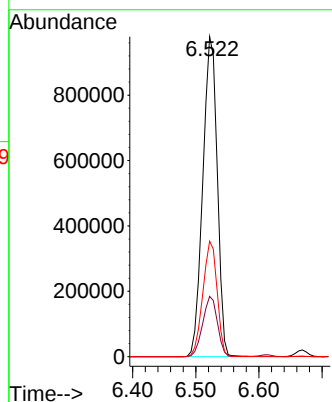
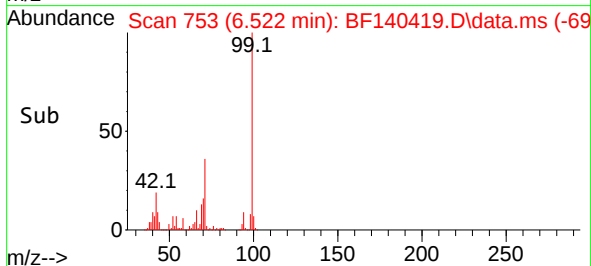
Instrument :
BNA_F
ClientSampleId :
PB164993BS



Tgt Ion: 99 Resp: 1554660
Ion Ratio Lower Upper
99 100
42 18.9 15.1 22.7
71 36.1 27.9 41.9

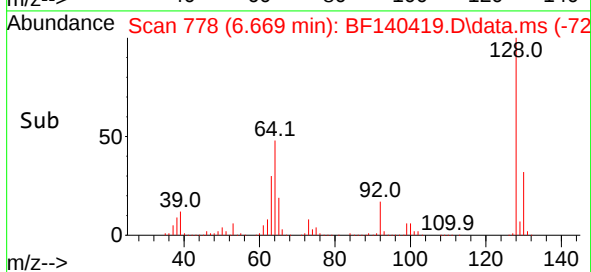
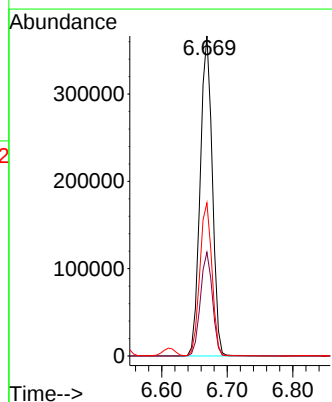
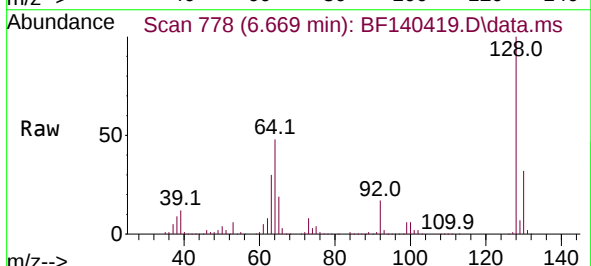
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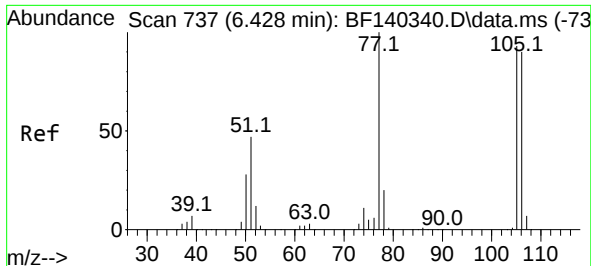
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#8
2-Chlorophenol
Concen: 44.297 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion:128 Resp: 472492
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 47.8 30.2 70.2





#9

Benzaldehyde

Concen: 5.537 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS

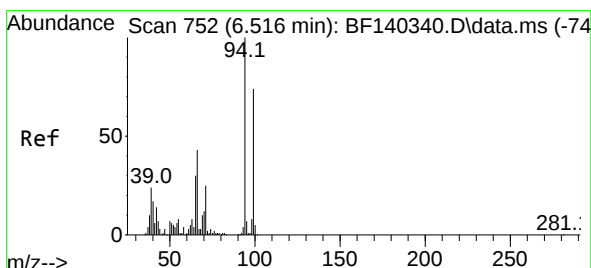
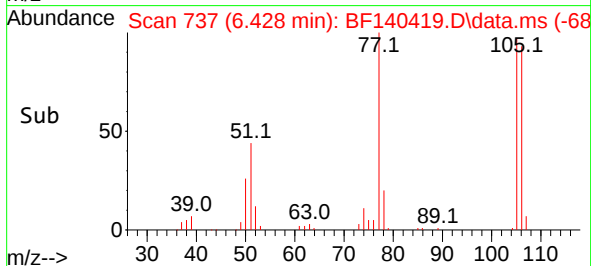
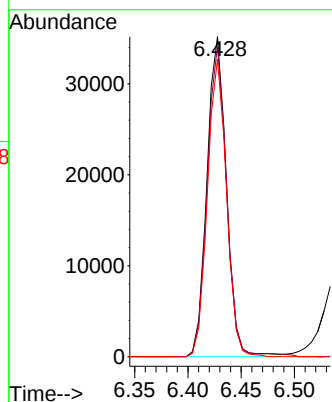
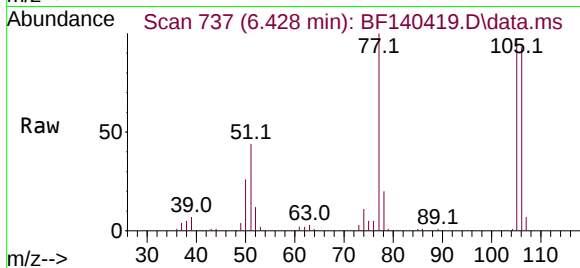
Tgt Ion:	77	Resp:	4464
Ion	Ratio	Lower	Upper
77	100		
105	97.0	74.4	114.4
106	93.0	69.9	109.9

Manual Integrations

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#10

Phenol

Concen: 40.576 ng

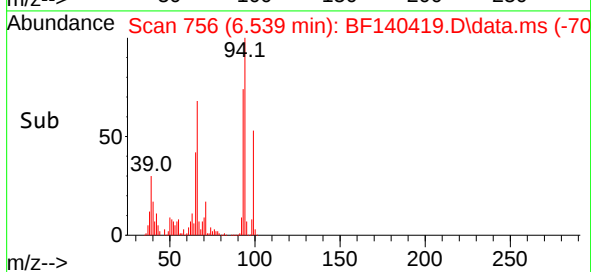
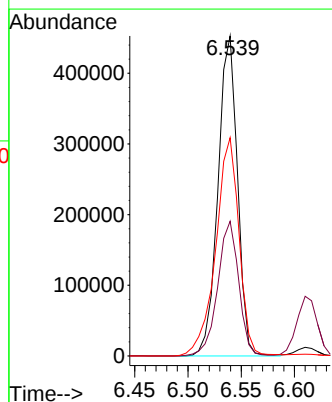
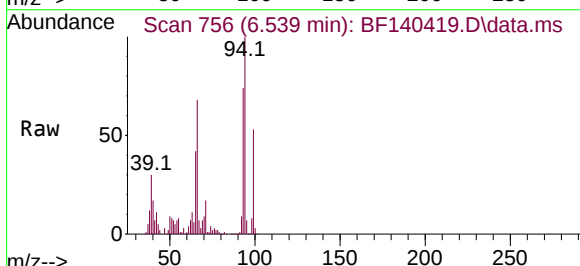
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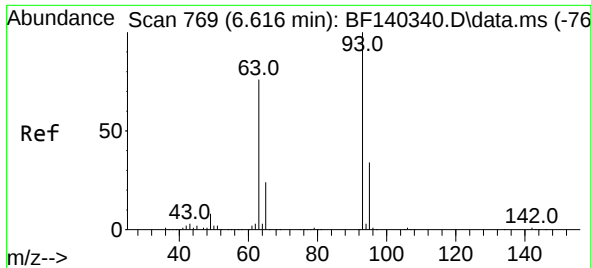
Delta R.T. 0.018 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

Tgt Ion:	94	Resp:	575667
Ion	Ratio	Lower	Upper
94	100		
65	42.1	10.4	50.4
66	68.2	22.9	62.9





#11
bis(2-Chloroethyl)ether
Concen: 42.727 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

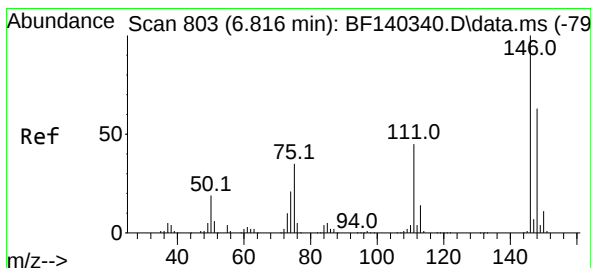
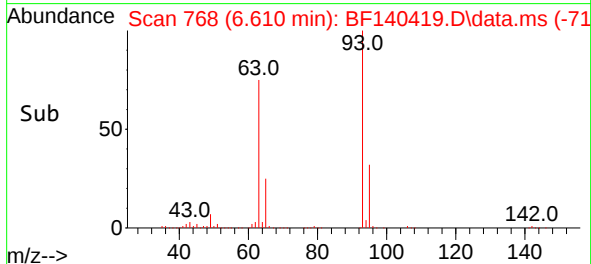
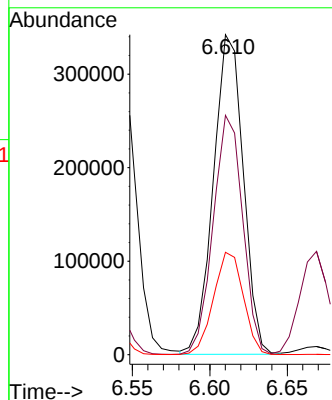
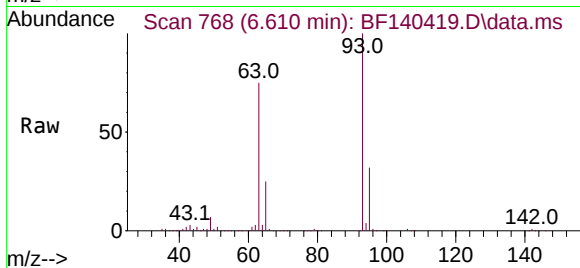
ClientSampleId :

PB164993BS

Tgt Ion: 93 Resp: 459310
Ion Ratio Lower Upper
93 100
63 74.8 54.0 94.0
95 32.0 12.9 52.9

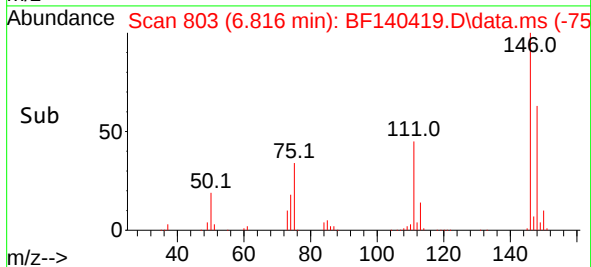
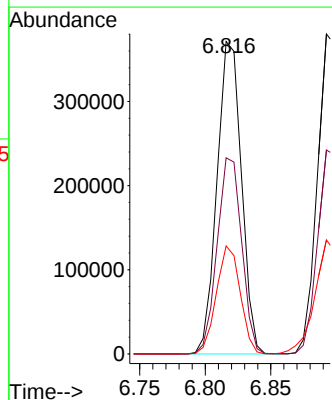
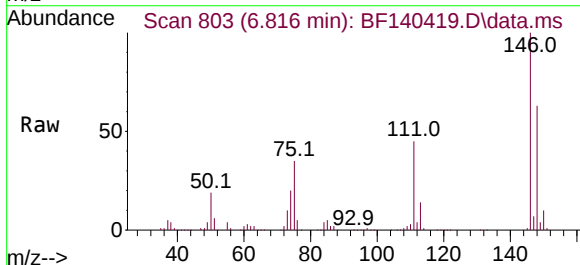
Manual Integrations
APPROVED

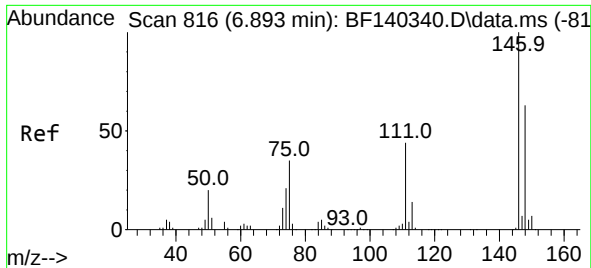
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#12
1,3-Dichlorobenzene
Concen: 40.826 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion:146 Resp: 480465
Ion Ratio Lower Upper
146 100
148 62.8 50.7 76.1
75 34.6 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 40.797 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

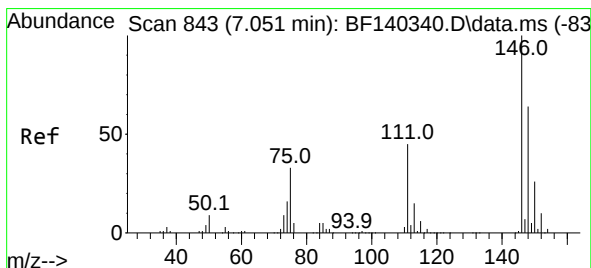
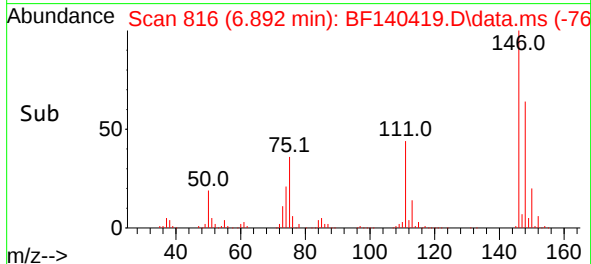
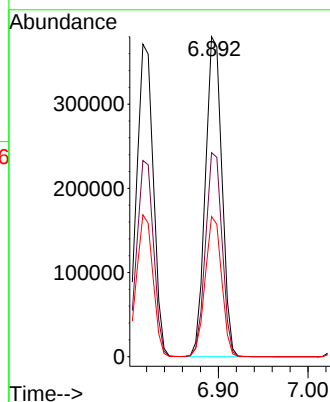
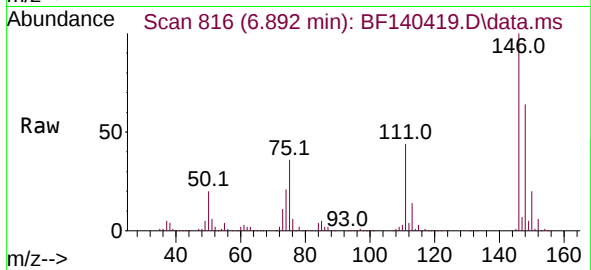
ClientSampleId :

PB164993BS

Tgt Ion:146 Resp: 486839
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
111 43.8 34.2 51.2

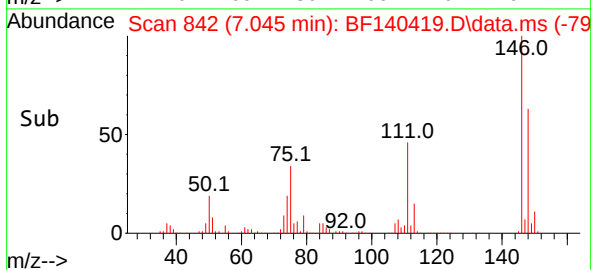
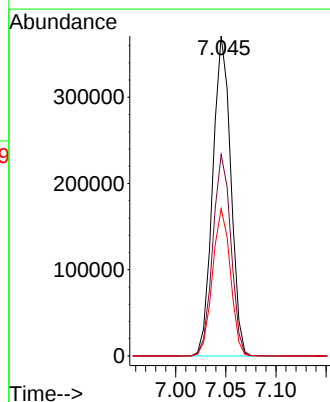
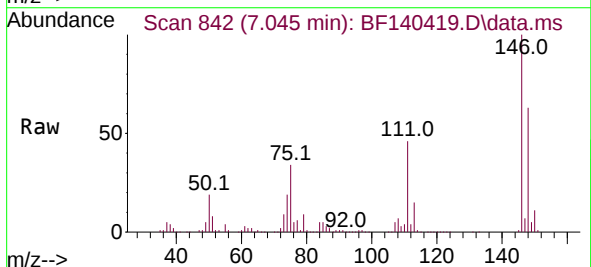
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 41.902 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

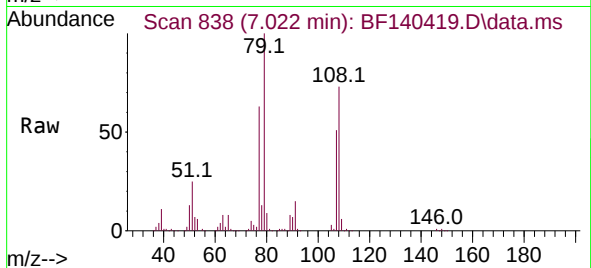
Tgt Ion:146 Resp: 464191
Ion Ratio Lower Upper
146 100
148 63.0 51.2 76.8
111 46.0 36.5 54.7





#15
Benzyl Alcohol
Concen: 44.312 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

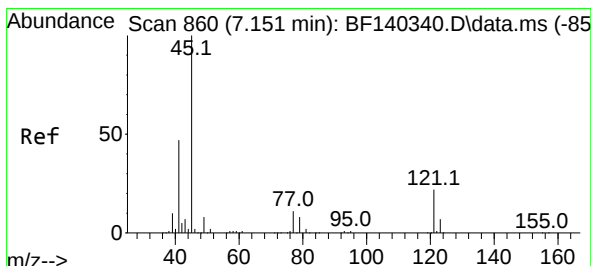
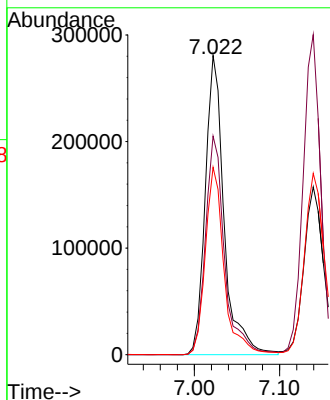
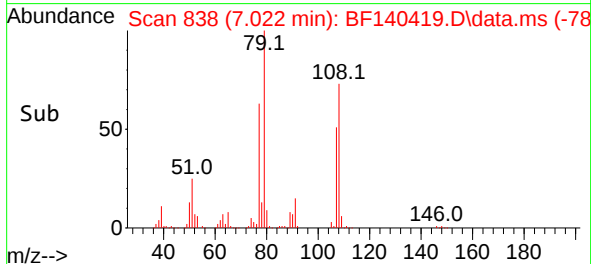
Instrument :
BNA_F
ClientSampleId :
PB164993BS



Tgt Ion: 79 Resp: 429500
Ion Ratio Lower Upper
79 100
108 73.0 57.8 86.6
77 62.6 49.8 74.6

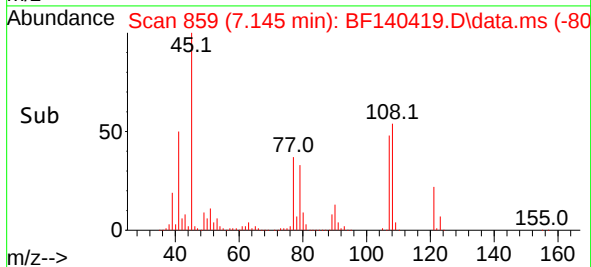
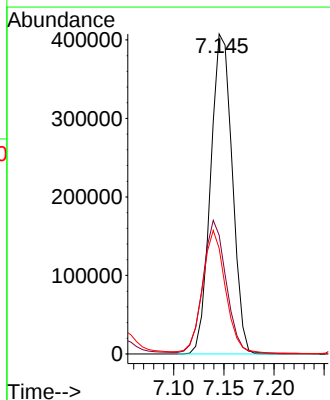
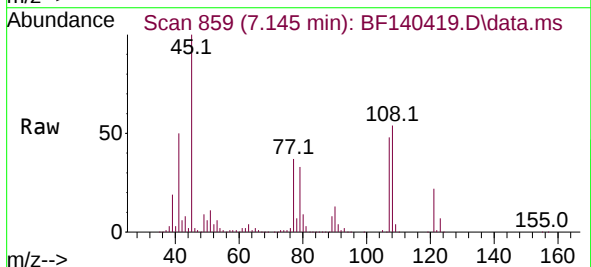
Manual Integrations
APPROVED

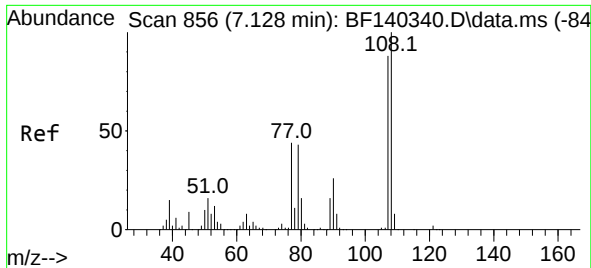
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.173 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion: 45 Resp: 611352
Ion Ratio Lower Upper
45 100
77 37.1 0.0 34.8#
79 33.0 0.0 31.4#





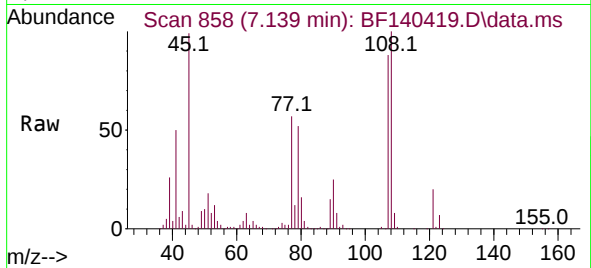
#17
2-Methylphenol
Concen: 42.900 ng
RT: 7.139 min Scan# 856
Delta R.T. 0.012 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS



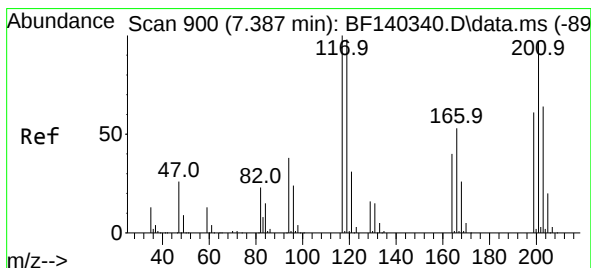
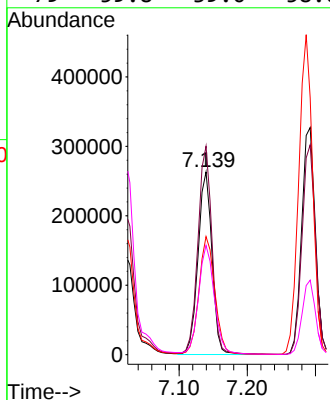
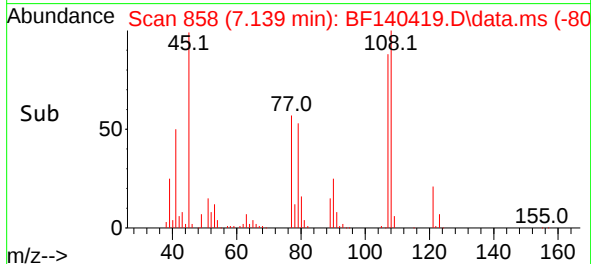
Tgt Ion:107 Resp: 376425
Ion Ratio Lower Upper
107 100
108 114.1 91.9 137.9
77 64.6 39.7 59.5
79 59.8 39.0 58.6#

Manual Integrations

APPROVED

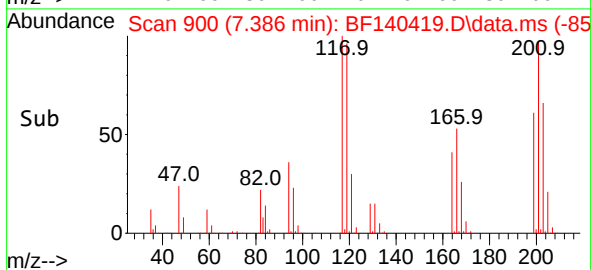
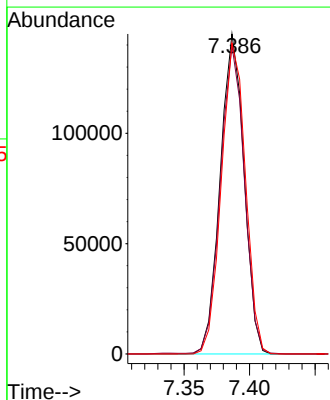
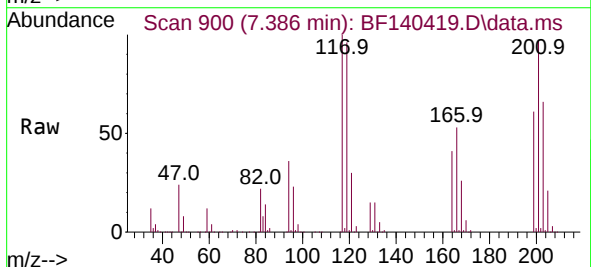
Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#18
Hexachloroethane
Concen: 41.429 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion:117 Resp: 182767
Ion Ratio Lower Upper
117 100
119 96.5 76.9 115.3
201 97.2 80.2 120.4





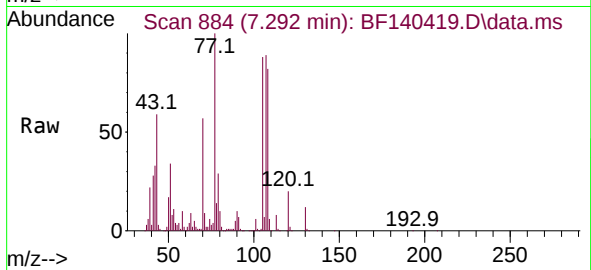
#19
n-Nitroso-di-n-propylamine
Concen: 40.899 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS

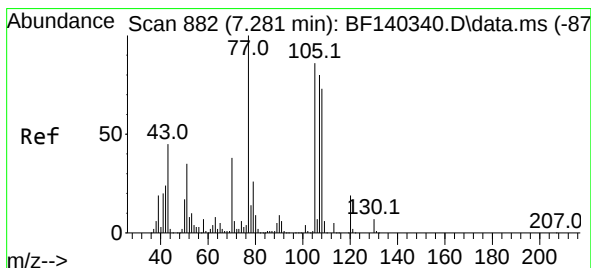
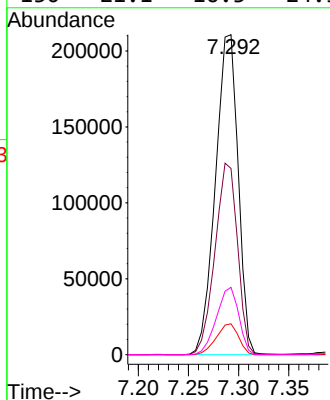
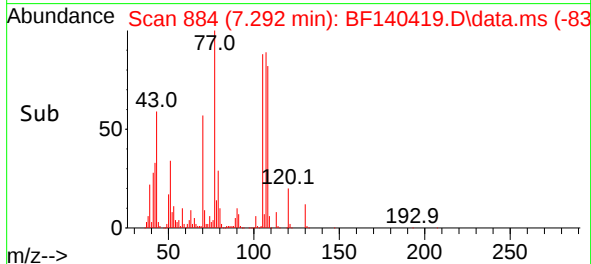


Tgt Ion: 70 Resp: 33231
Ion Ratio Lower Upper
70 100
42 58.2 46.8 70.2
101 9.6 7.5 11.3
130 21.1 16.3 24.5

Manual Integrations

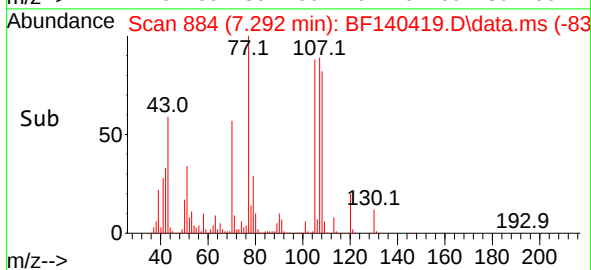
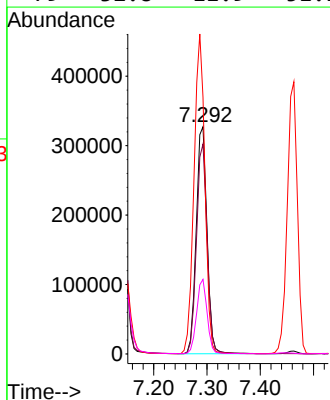
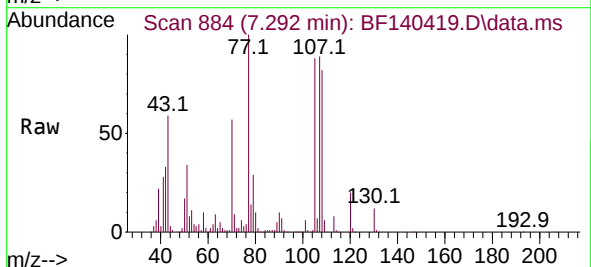
APPROVED

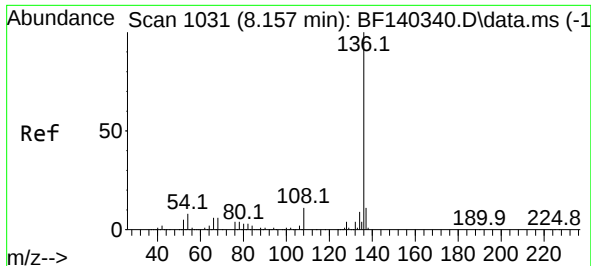
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#20
3+4-Methylphenols
Concen: 41.978 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.012 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion:107 Resp: 460641
Ion Ratio Lower Upper
107 100
108 92.4 71.4 111.4
77 112.9 97.0 137.0
79 32.8 11.9 51.9





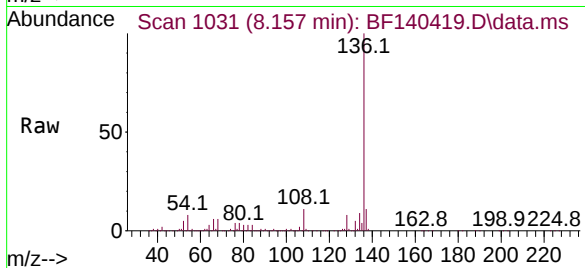
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS



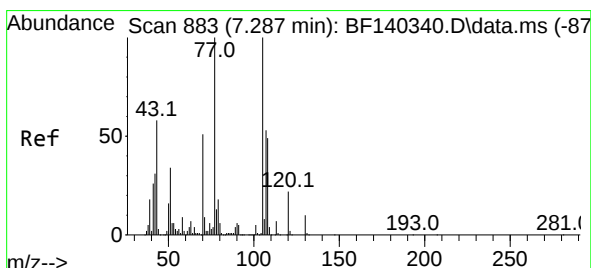
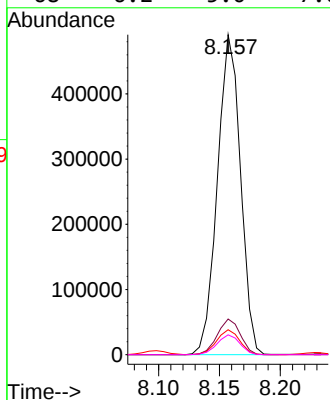
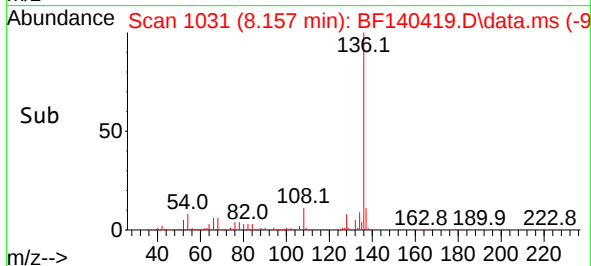
Tgt Ion:136 Resp: 648089
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 7.8 6.5 9.7
68 6.2 5.0 7.6

Manual Integrations

APPROVED

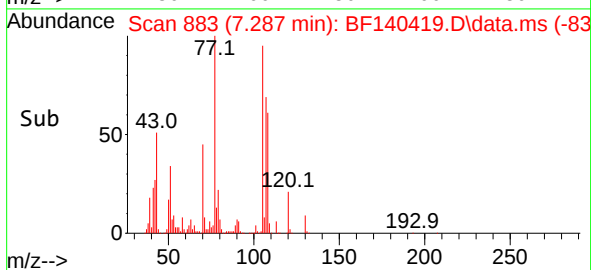
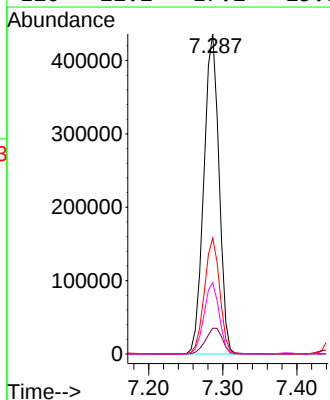
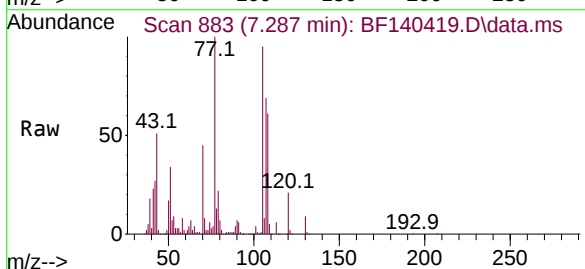
Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#22
Acetophenone
Concen: 41.263 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion:105 Resp: 621959
Ion Ratio Lower Upper
105 100
71 8.0 6.9 10.3
51 36.2 28.6 43.0
120 22.2 17.2 25.8





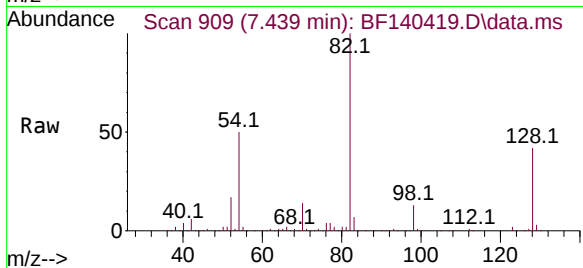
#23
Nitrobenzene-d5
Concen: 83.216 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS

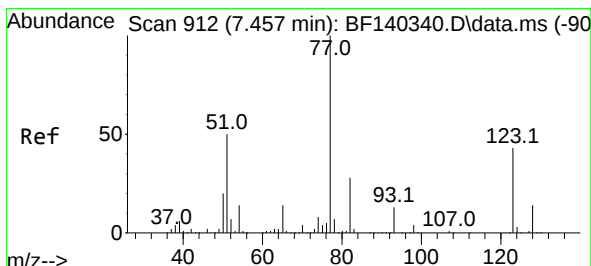
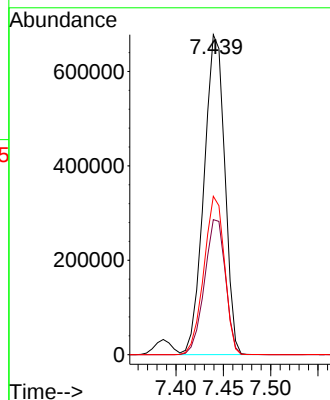
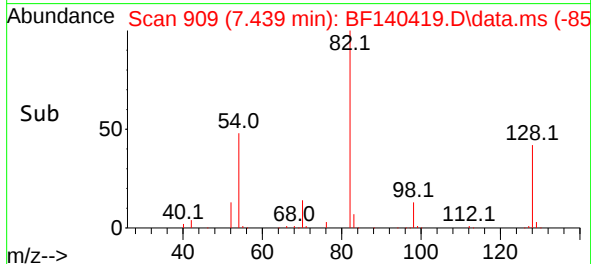


Tgt Ion: 82 Resp: 1035098
Ion Ratio Lower Upper
82 100
128 42.2 33.3 49.9
54 49.5 39.8 59.8

Manual Integrations

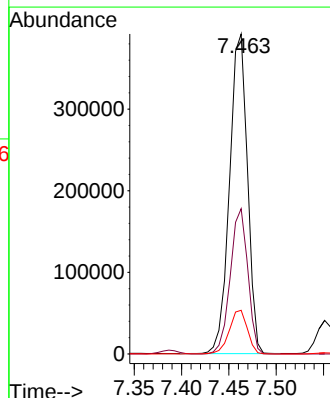
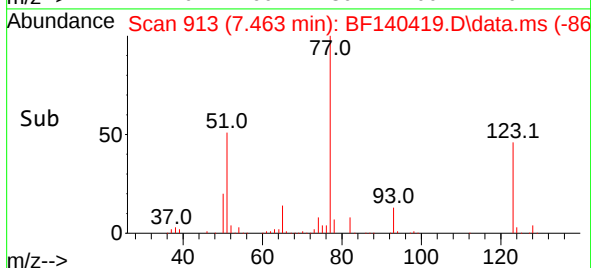
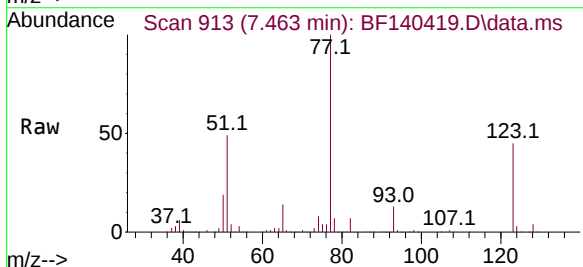
APPROVED

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



#24
Nitrobenzene
Concen: 39.768 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

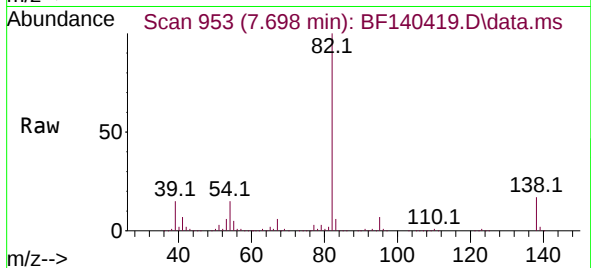
Tgt Ion: 77 Resp: 515024
Ion Ratio Lower Upper
77 100
123 45.4 35.4 53.0
65 13.7 11.1 16.7





#25
Isophorone
Concen: 42.480 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

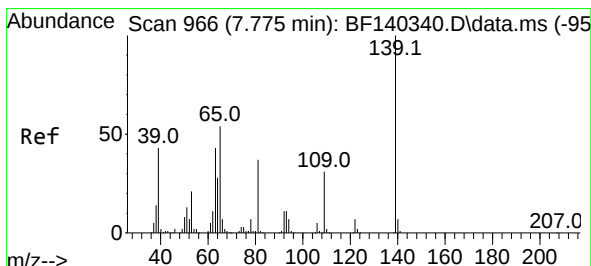
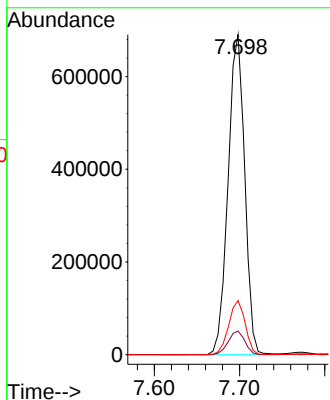
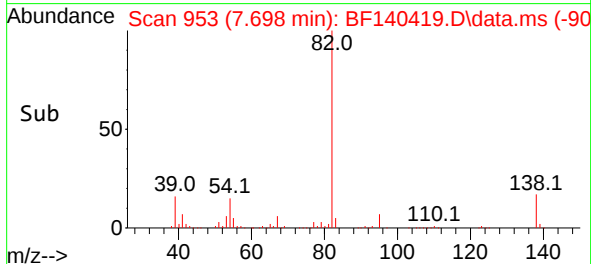
Instrument :
BNA_F
ClientSampleId :
PB164993BS



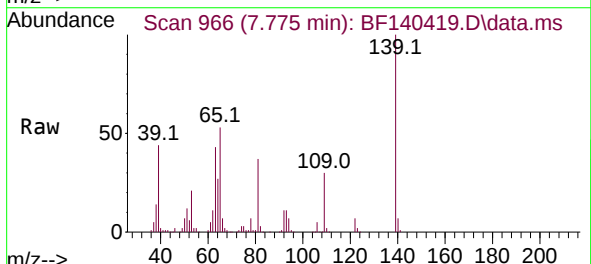
Tgt Ion: 82 Resp: 936484
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 16.9 13.4 20.2

Manual Integrations
APPROVED

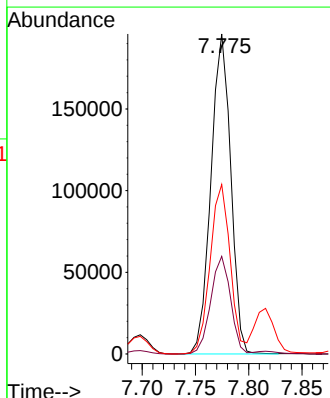
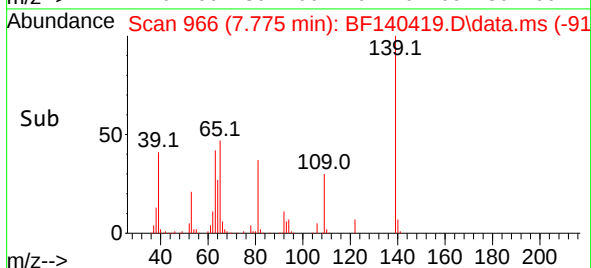
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

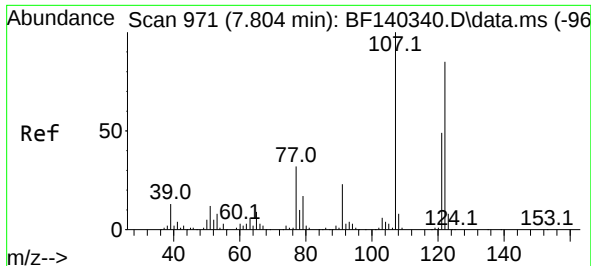


#26
2-Nitrophenol
Concen: 44.036 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28



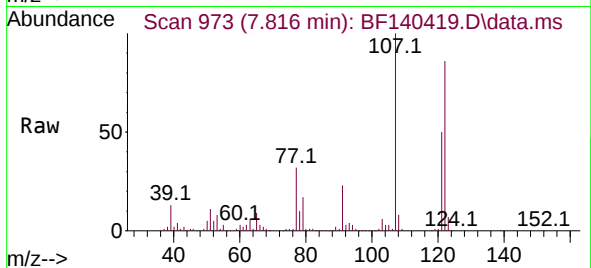
Tgt Ion:139 Resp: 253075
Ion Ratio Lower Upper
139 100
109 30.5 24.4 36.6
65 53.0 42.8 64.2





#27
2,4-Dimethylphenol
Concen: 52.361 ng m
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

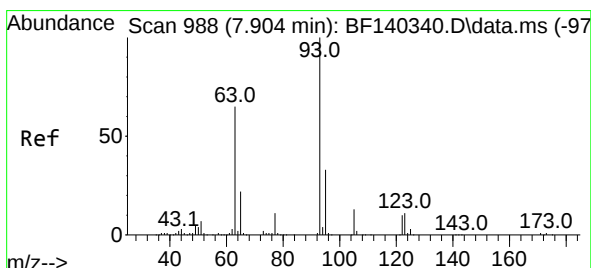
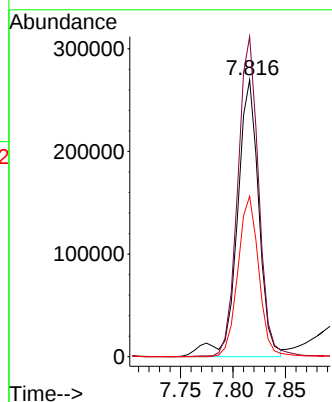
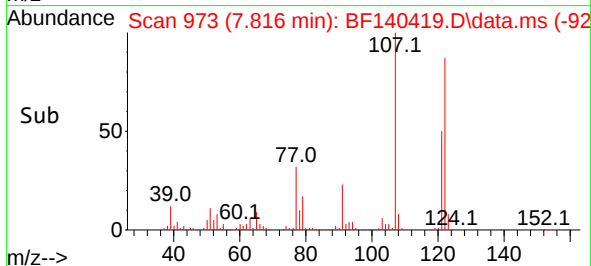
Instrument :
BNA_F
ClientSampleId :
PB164993BS



Tgt Ion:122 Resp: 38525
Ion Ratio Lower Upper
122 100
107 115.6 91.3 136.9
121 58.0 45.5 68.3

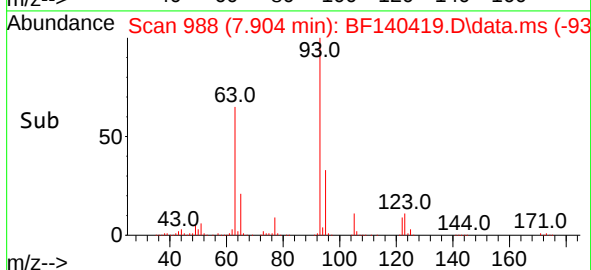
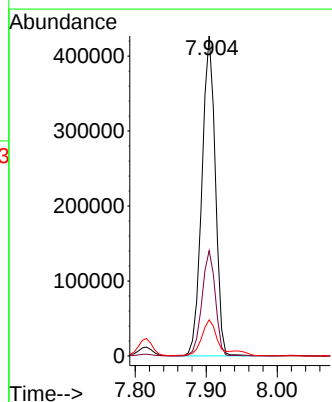
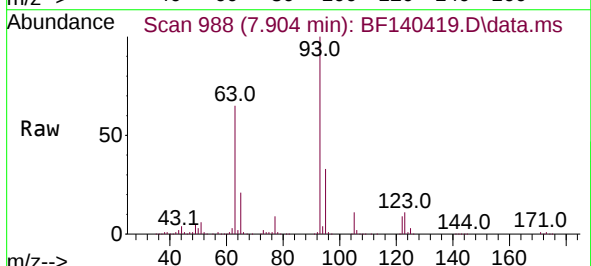
Manual Integrations
APPROVED

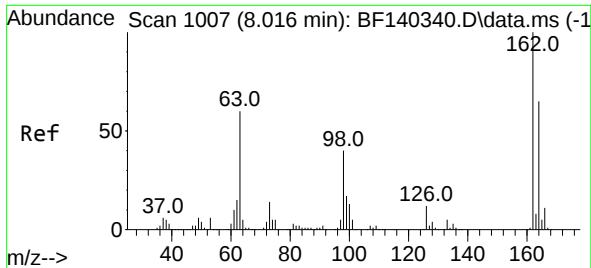
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.539 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion: 93 Resp: 561498
Ion Ratio Lower Upper
93 100
95 32.9 25.9 38.9
123 11.3 9.2 13.8





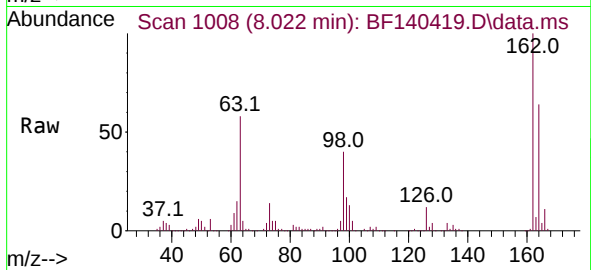
#29
2,4-Dichlorophenol
Concen: 43.691 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS



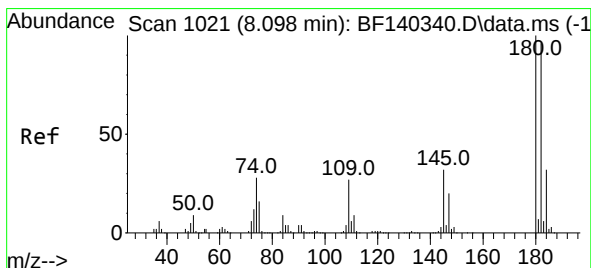
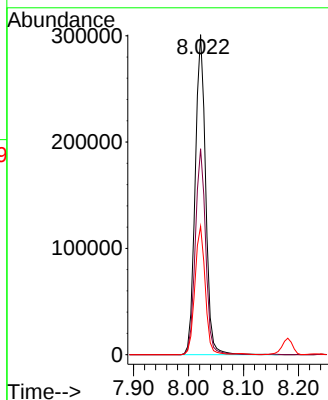
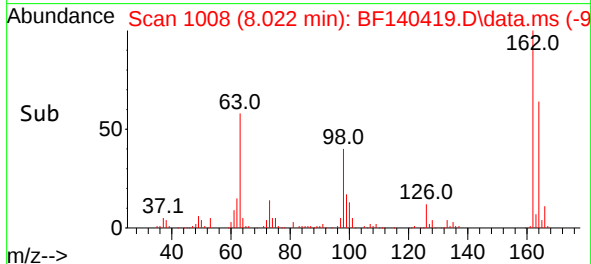
Tgt Ion:162 Resp: 39728
Ion Ratio Lower Upper
162 100
164 64.4 45.4 85.4
98 40.1 19.9 59.9

Manual Integrations

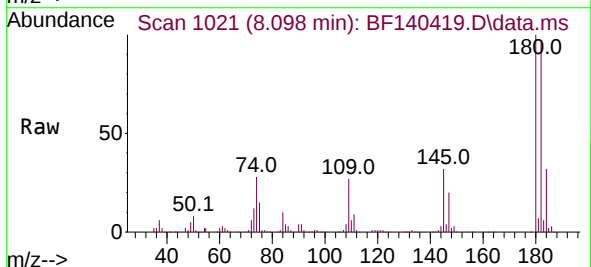
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

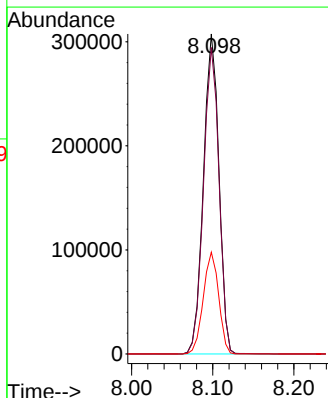
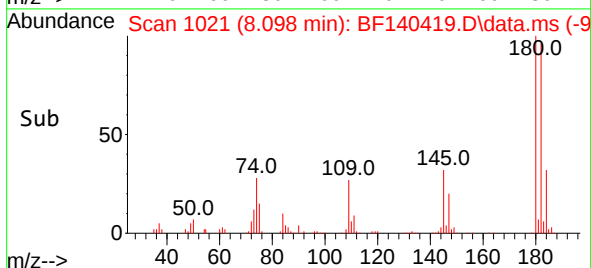
Supervised By :mohammad ahmed 11/19/2024

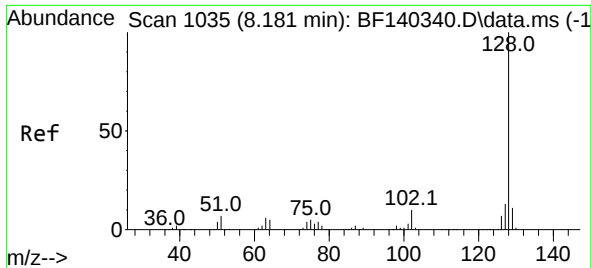


#30
1,2,4-Trichlorobenzene
Concen: 40.194 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28



Tgt Ion:180 Resp: 406910
Ion Ratio Lower Upper
180 100
182 95.8 76.5 114.7
145 31.8 25.3 37.9





#31
Naphthalene
Concen: 41.443 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

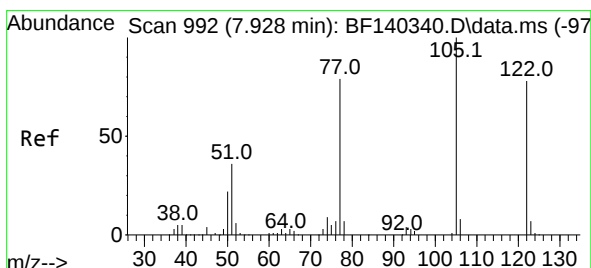
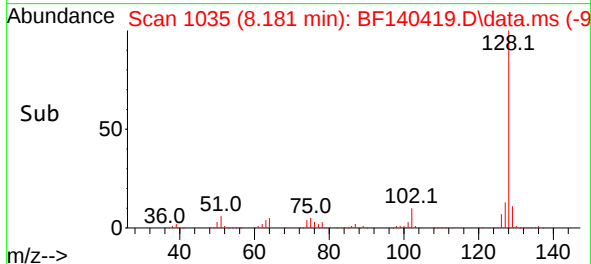
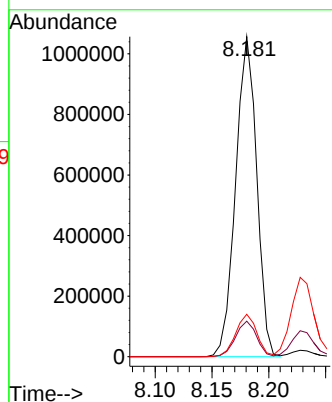
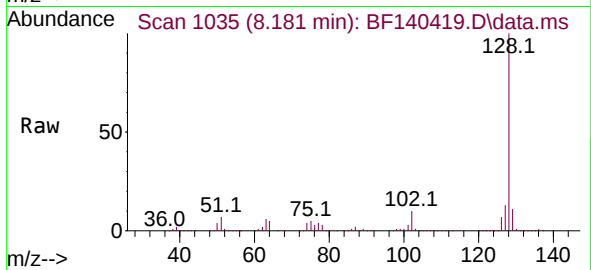
PB164993BS

Tgt Ion:128 Resp: 136248
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 15.8

Manual Integrations

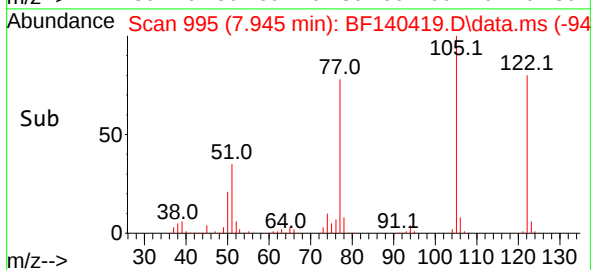
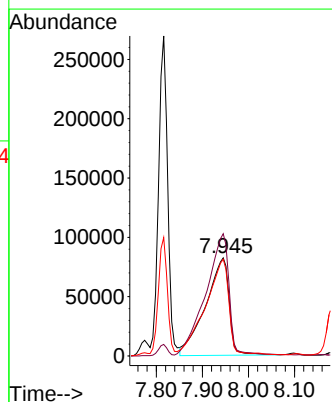
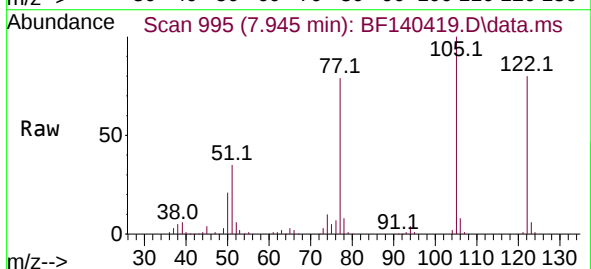
APPROVED

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



#32
Benzoic acid
Concen: 45.138 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.018 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion:122 Resp: 292235
Ion Ratio Lower Upper
122 100
105 124.5 100.9 140.9
77 98.5 76.0 116.0





#33
4-Chloroaniline
Concen: 33.266 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

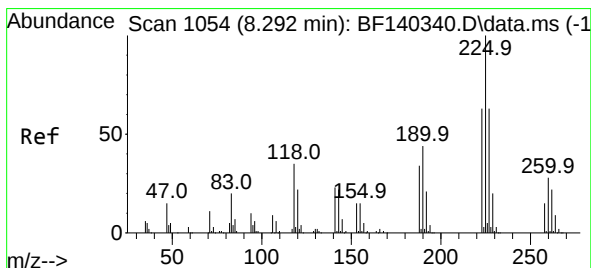
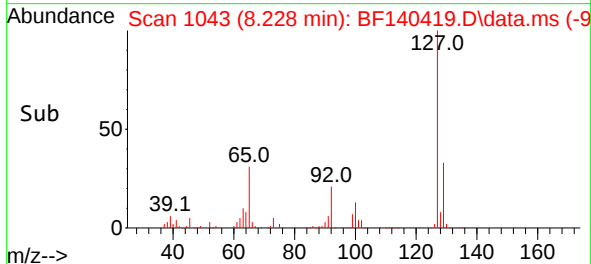
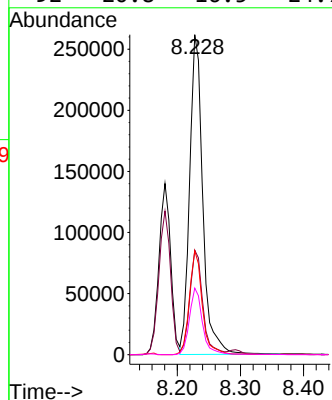
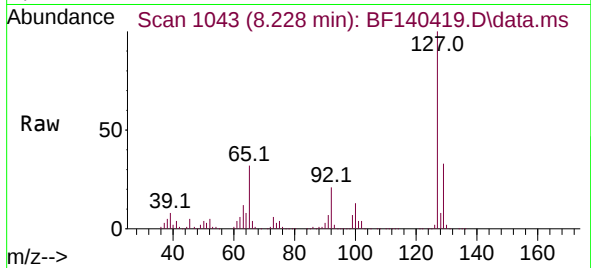
PB164993BS

Tgt Ion:127 Resp: 380340
Ion Ratio Lower Upper
127 100
129 32.6 26.2 39.4
65 32.5 25.8 38.6
92 20.8 16.5 24.7

Manual Integrations

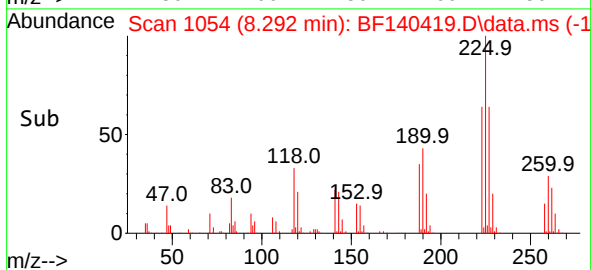
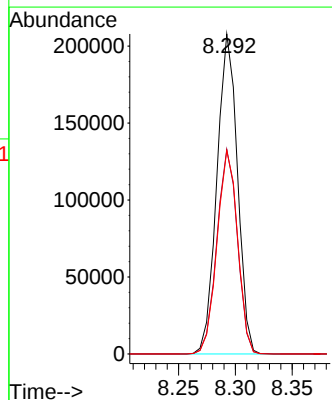
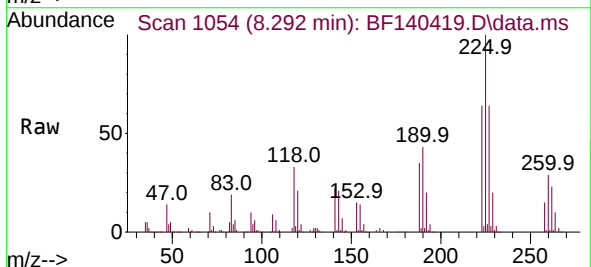
APPROVED

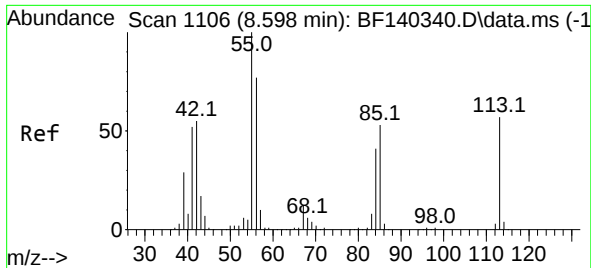
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#34
Hexachlorobutadiene
Concen: 40.569 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

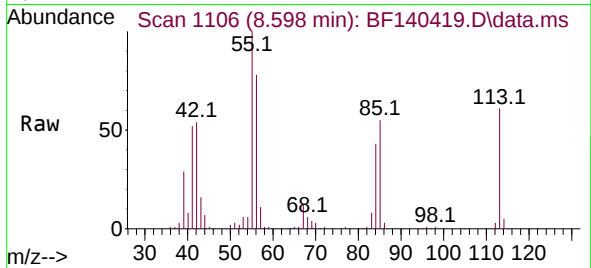
Tgt Ion:225 Resp: 261677
Ion Ratio Lower Upper
225 100
223 63.9 50.1 75.1
227 63.5 51.3 76.9





#35
Caprolactam
Concen: 44.421 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

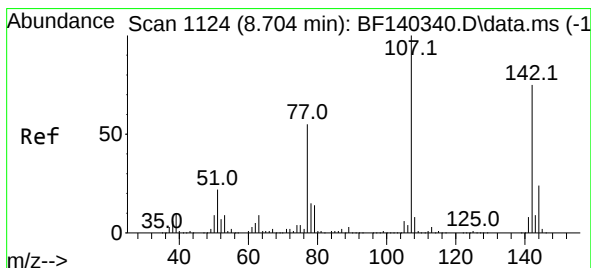
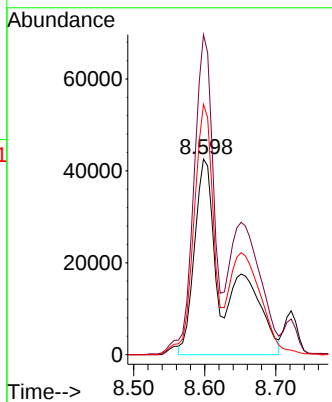
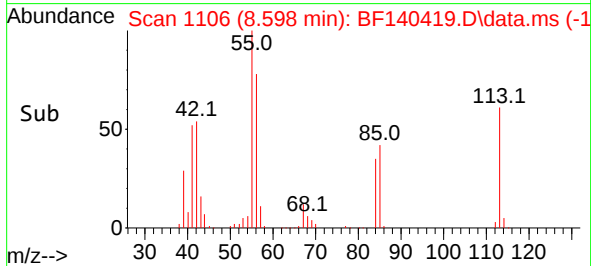
Instrument :
BNA_F
ClientSampleId :
PB164993BS



Tgt Ion:113 Resp: 13425
Ion Ratio Lower Upper
113 100
55 163.5 150.0 190.0
56 128.0 111.1 151.1

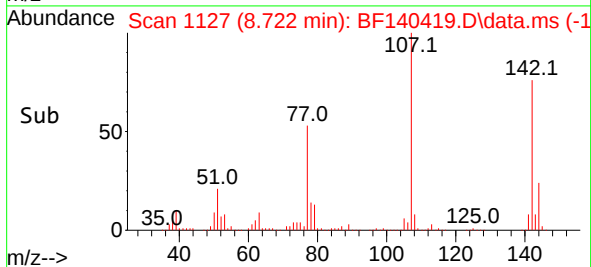
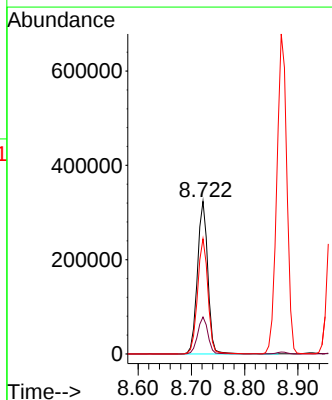
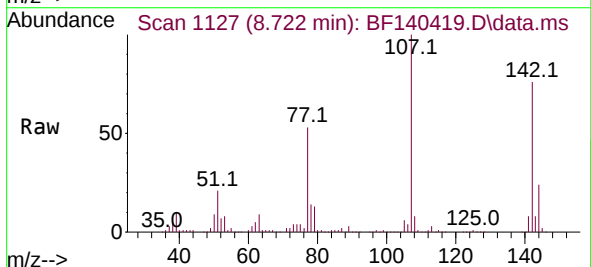
Manual Integrations
APPROVED

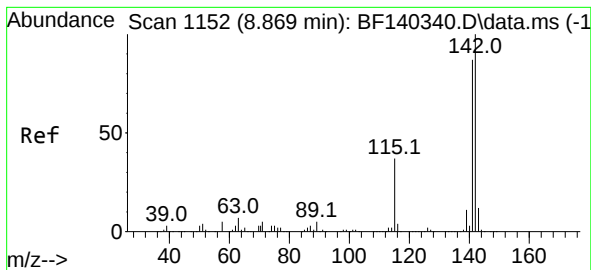
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#36
4-Chloro-3-methylphenol
Concen: 43.298 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.018 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion:107 Resp: 436311
Ion Ratio Lower Upper
107 100
144 24.2 19.3 28.9
142 75.5 59.4 89.0





#37
2-Methylnaphthalene
Concen: 42.152 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

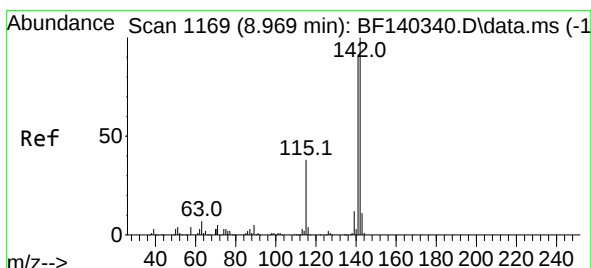
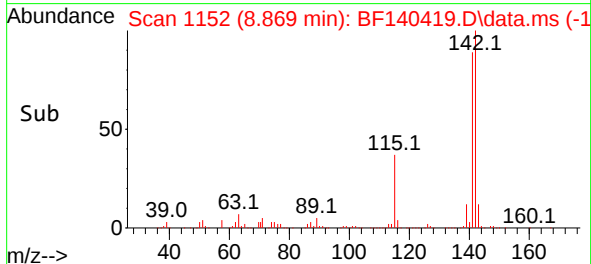
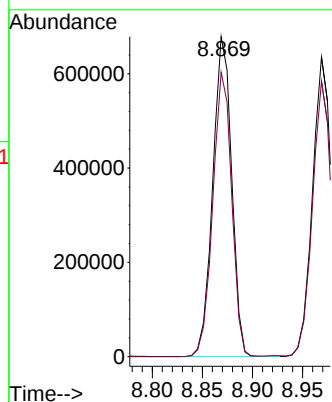
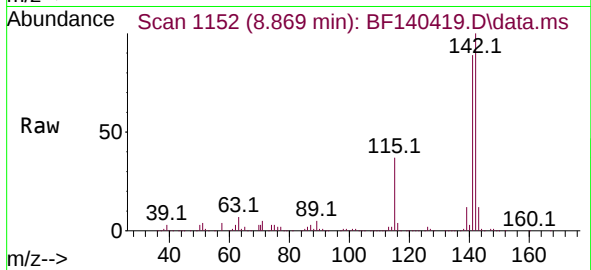
PB164993BS

Tgt Ion:142 Resp: 888597
Ion Ratio Lower Upper
142 100
141 88.9 70.4 105.6

Manual Integrations

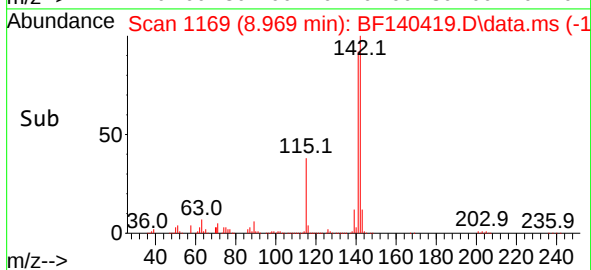
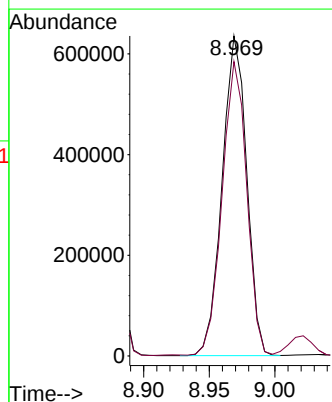
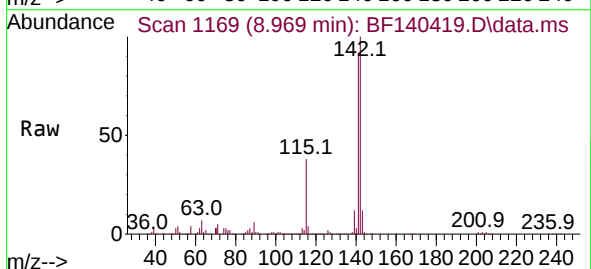
APPROVED

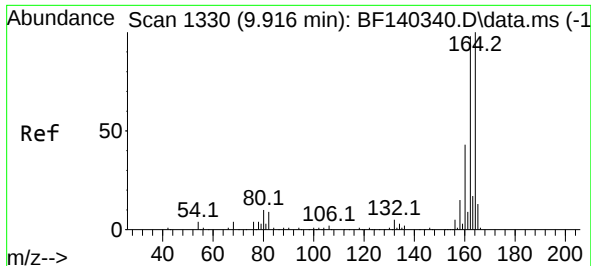
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#38
1-Methylnaphthalene
Concen: 40.129 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion:142 Resp: 828388
Ion Ratio Lower Upper
142 100
141 92.0 73.6 110.4





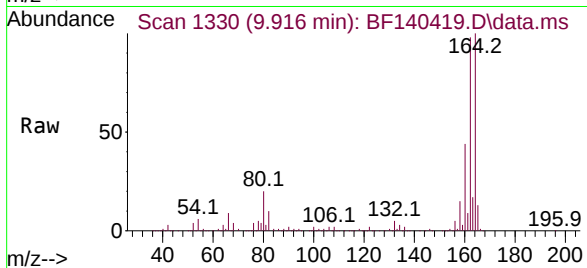
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

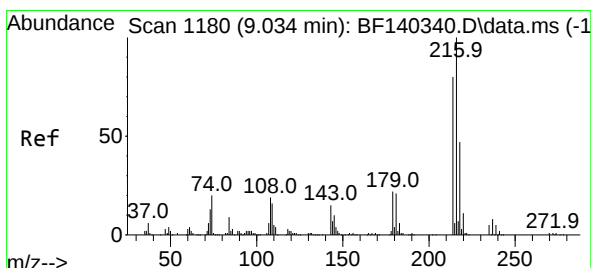
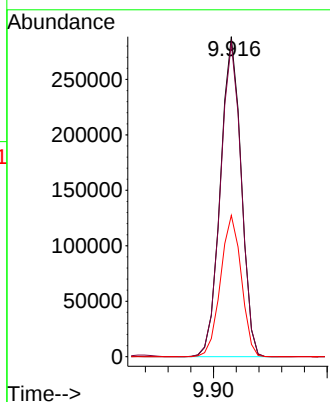
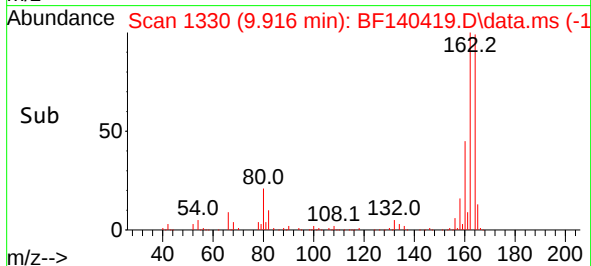
PB164993BS



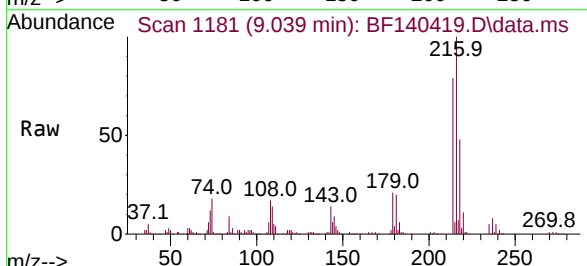
Tgt Ion:164 Resp: 365262
Ion Ratio Lower Upper
164 100
162 98.1 79.8 119.8
160 44.2 35.4 53.0

Manual Integrations
APPROVED

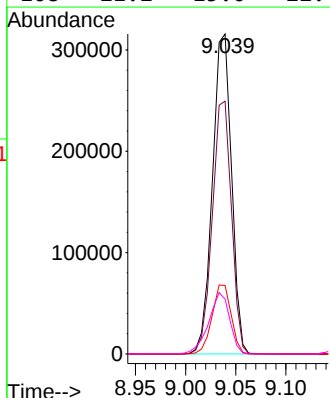
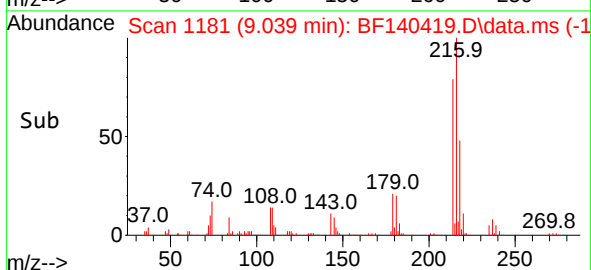
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

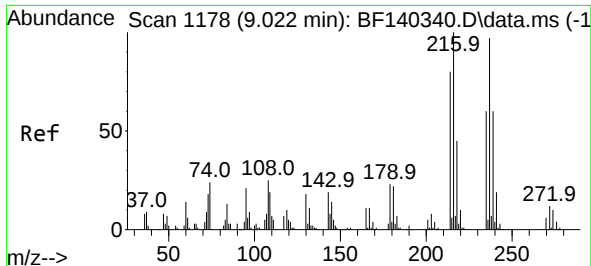


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.234 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28



Tgt Ion:216 Resp: 416489
Ion Ratio Lower Upper
216 100
214 79.4 63.2 94.8
179 21.7 17.2 25.8
108 21.2 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 163.448 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

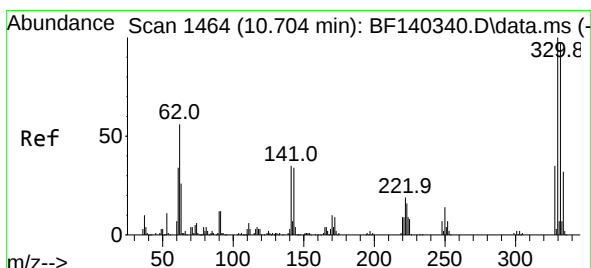
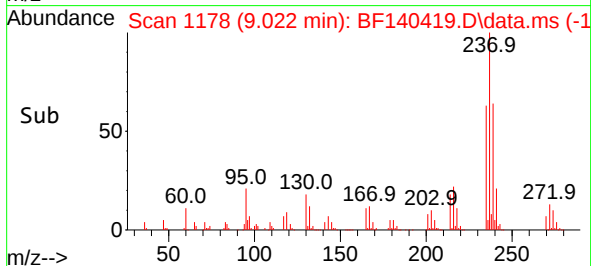
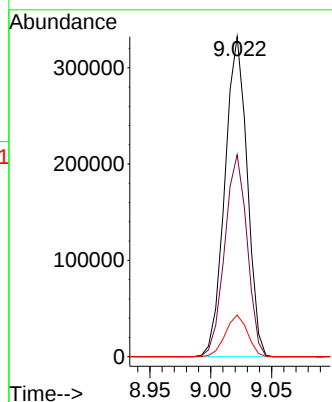
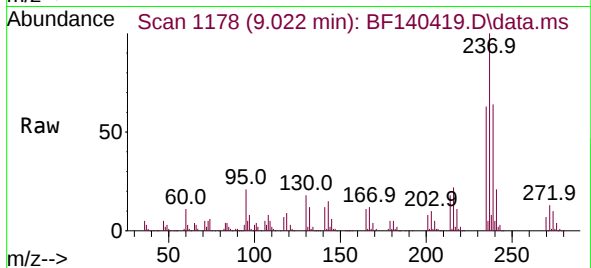
PB164993BS

Tgt Ion:237 Resp: 423884
Ion Ratio Lower Upper
237 100
235 63.1 42.8 82.8
272 13.0 0.0 33.1

Manual Integrations

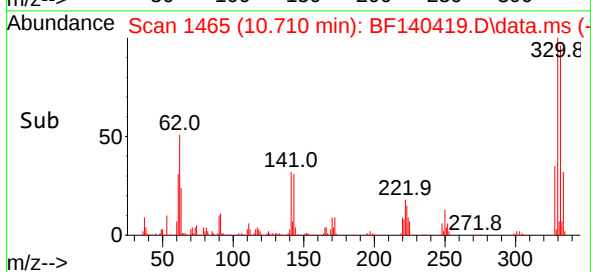
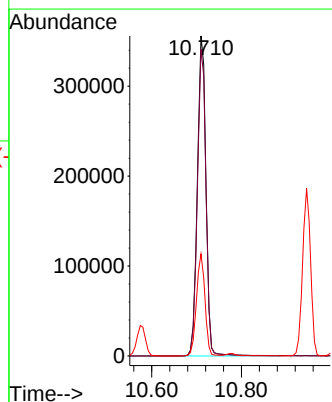
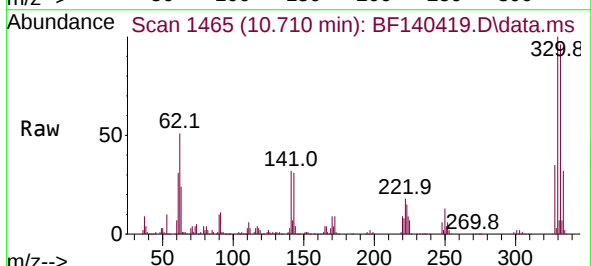
APPROVED

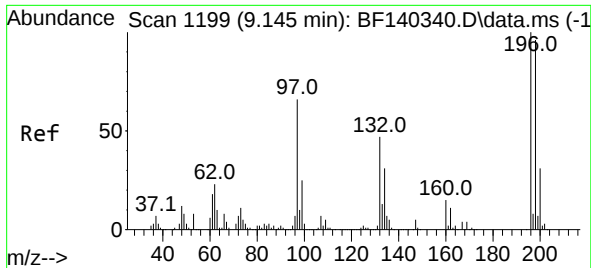
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#42
2,4,6-Tribromophenol
Concen: 130.556 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

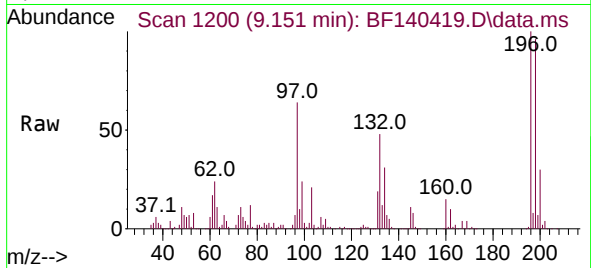
Tgt Ion:330 Resp: 474213
Ion Ratio Lower Upper
330 100
332 95.4 75.9 113.9
141 31.4 26.9 40.3





#43
2,4,6-Trichlorophenol
Concen: 43.643 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

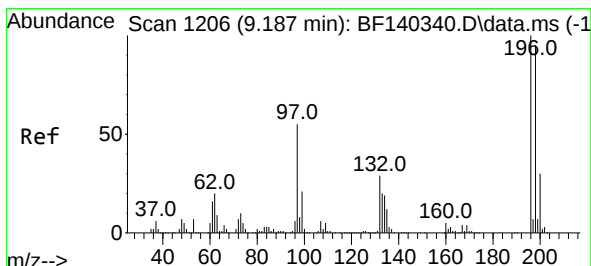
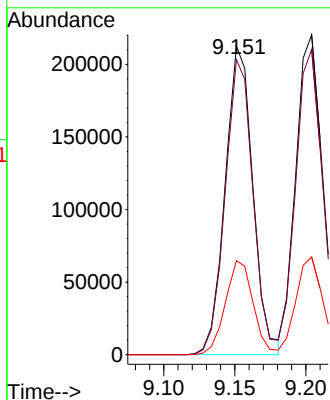
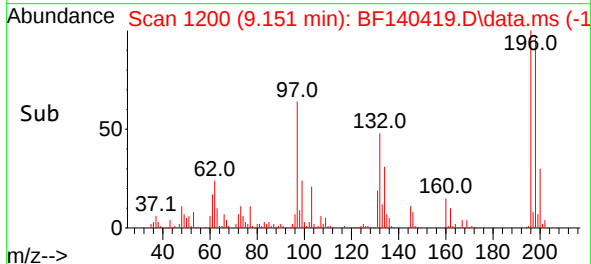
Instrument :
BNA_F
ClientSampleId :
PB164993BS



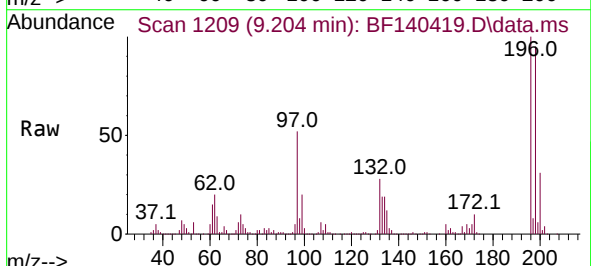
Tgt Ion:196 Resp: 289300
Ion Ratio Lower Upper
196 100
198 95.6 77.0 115.4
200 30.5 24.2 36.4

Manual Integrations
APPROVED

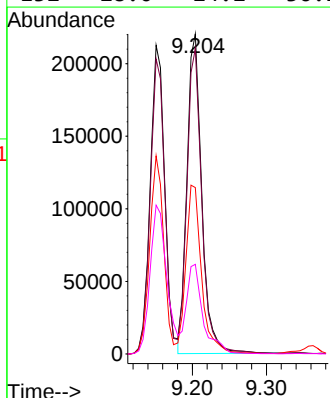
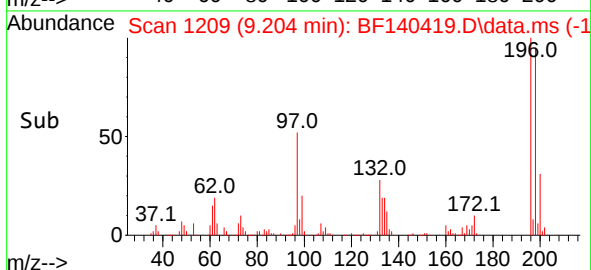
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

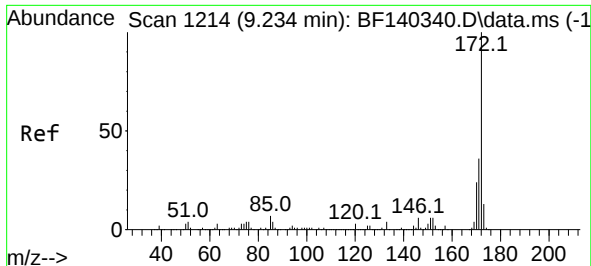


#44
2,4,5-Trichlorophenol
Concen: 42.282 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.018 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28



Tgt Ion:196 Resp: 306431
Ion Ratio Lower Upper
196 100
198 95.4 77.6 116.4
97 52.0 45.4 68.2
132 28.0 24.2 36.2





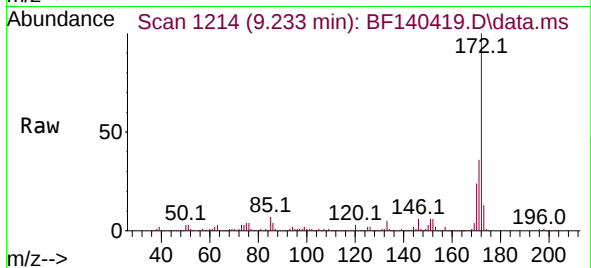
#45
2-Fluorobiphenyl
Concen: 83.093 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS



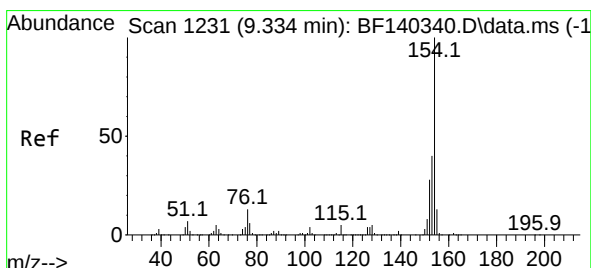
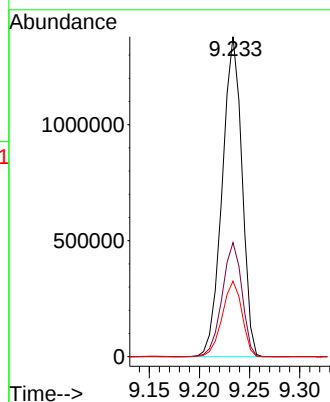
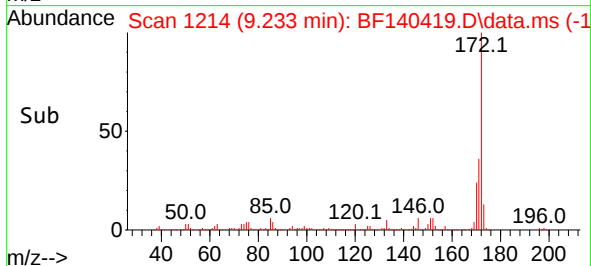
Tgt Ion:172 Resp: 1888000
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.6 19.1 28.7

Manual Integrations

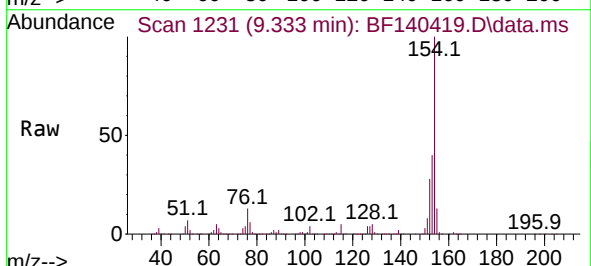
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

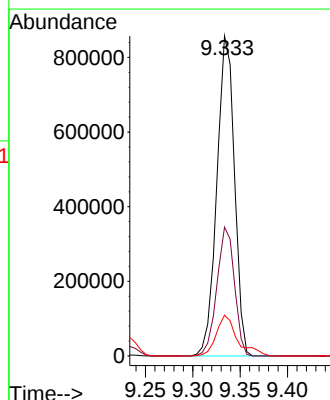
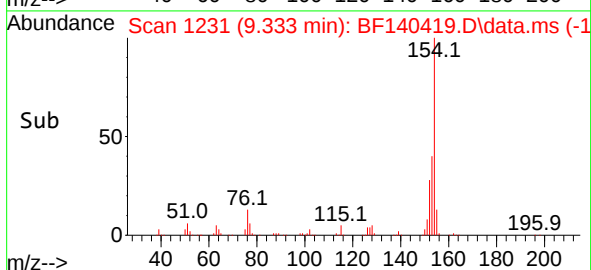
Supervised By :mohammad ahmed 11/19/2024

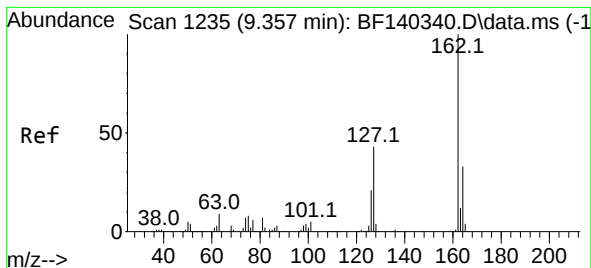


#46
1,1'-Biphenyl
Concen: 41.814 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28



Tgt Ion:154 Resp: 1111114
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 12.7 0.0 32.9





#47

2-Chloronaphthalene

Concen: 40.623 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS

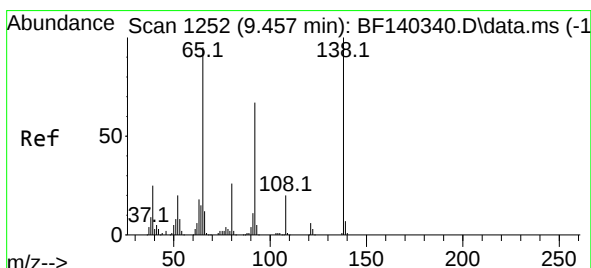
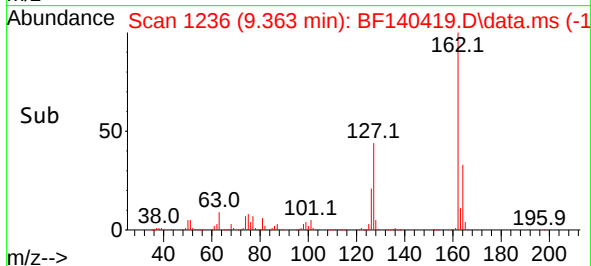
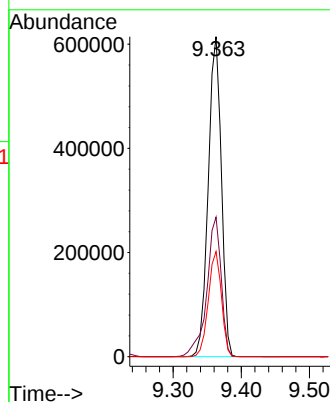
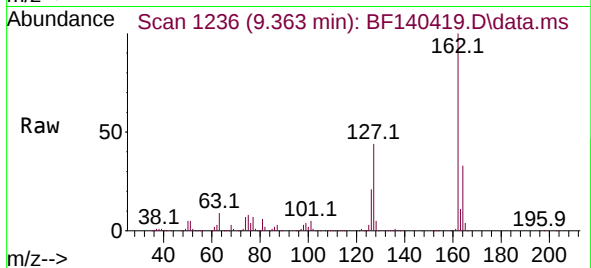
Tgt Ion:162 Resp: 822289
 Ion Ratio Lower Upper
 162 100
 127 43.6 34.0 51.0
 164 32.9 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#48

2-Nitroaniline

Concen: 43.284 ng

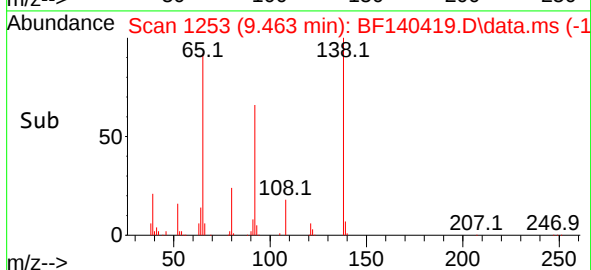
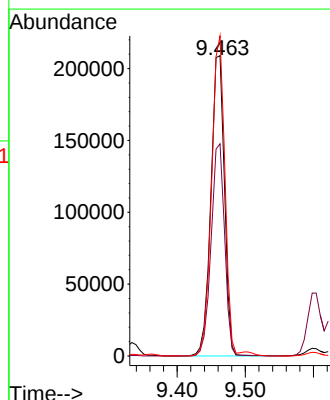
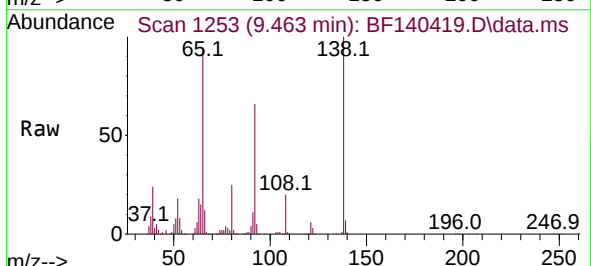
RT: 9.463 min Scan# 1253

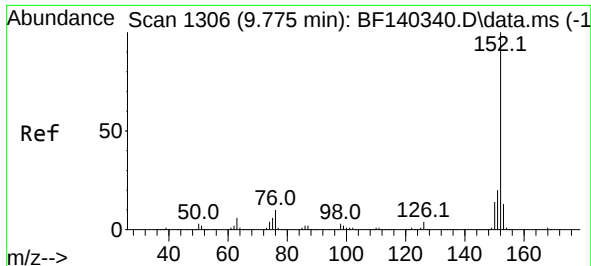
Delta R.T. 0.006 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

Tgt Ion: 65 Resp: 290570
 Ion Ratio Lower Upper
 65 100
 92 70.7 56.4 84.6
 138 106.6 84.8 127.2





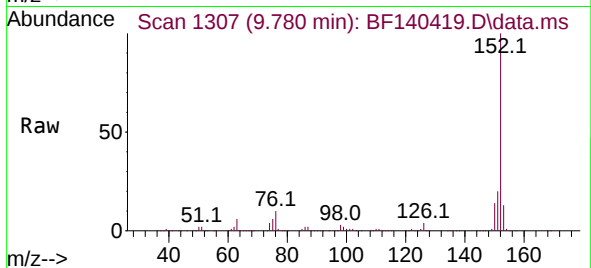
#49
Acenaphthylene
Concen: 44.744 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS



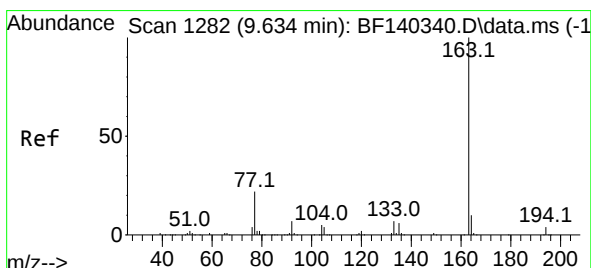
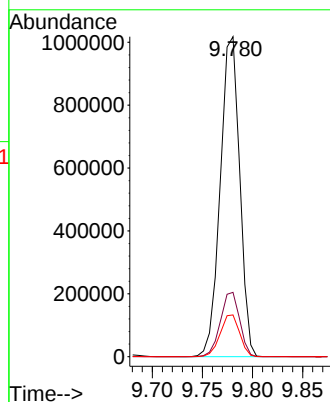
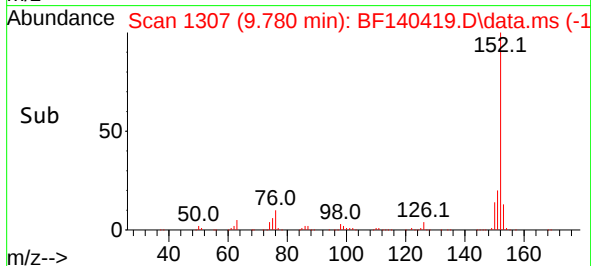
Tgt Ion:152 Resp: 1370350
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.1 10.7 16.1

Manual Integrations

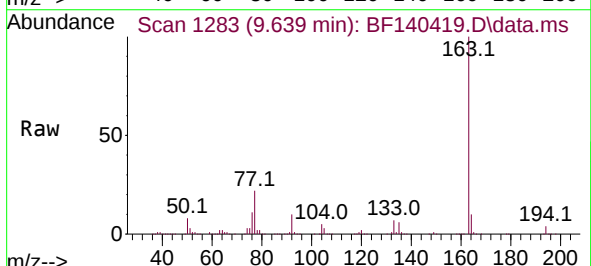
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

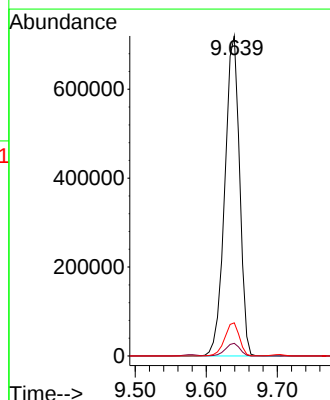
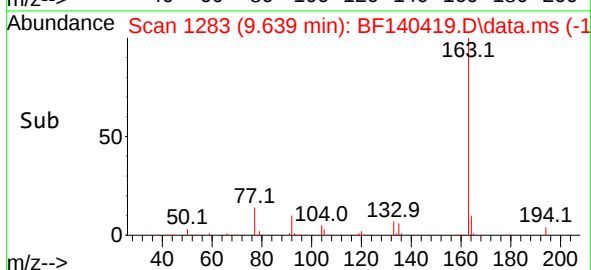
Supervised By :mohammad ahmed 11/19/2024

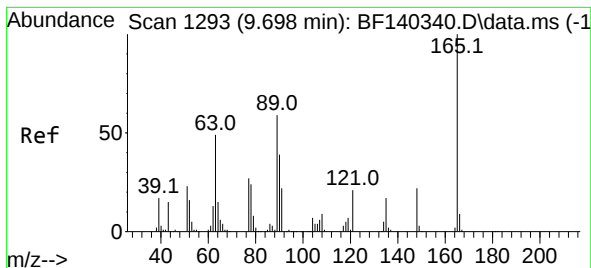


#50
Dimethylphthalate
Concen: 43.469 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28



Tgt Ion:163 Resp: 1034918
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 41.592 ng

RT: 9.704 min Scan# 1293

Delta R.T. 0.006 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS

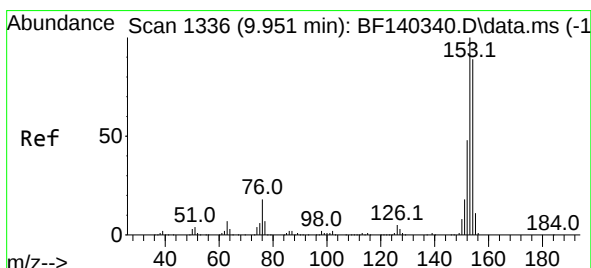
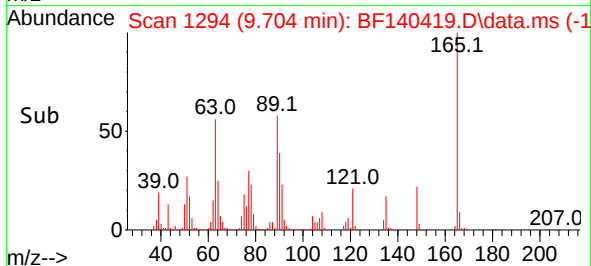
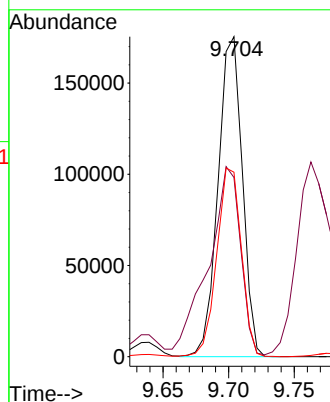
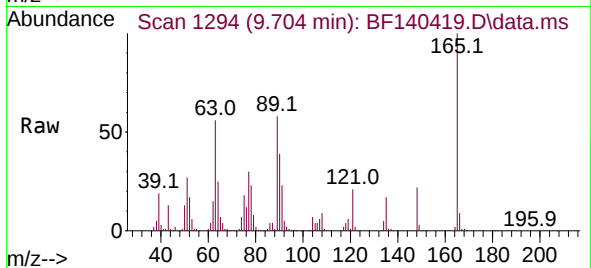
Tgt Ion:165 Resp: 225750
 Ion Ratio Lower Upper
 165 100
 63 56.0 47.6 71.4
 89 57.7 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#52

Acenaphthene

Concen: 48.115 ng m

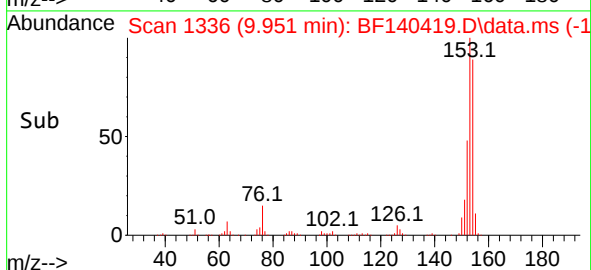
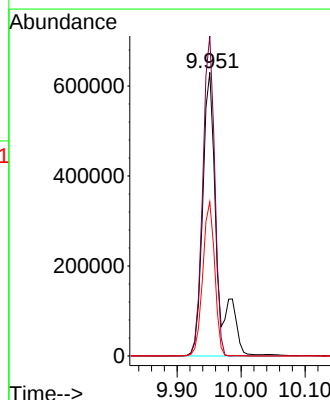
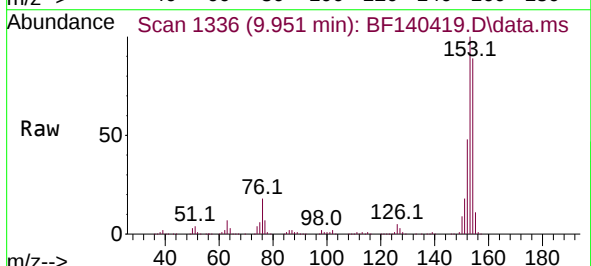
RT: 9.951 min Scan# 1336

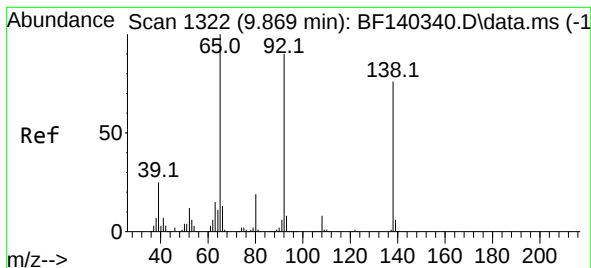
Delta R.T. -0.000 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

Tgt Ion:154 Resp: 995287
 Ion Ratio Lower Upper
 154 100
 153 112.9 89.8 134.8
 152 54.3 42.6 64.0





#53

3-Nitroaniline

Concen: 35.281 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS

Tgt Ion:138 Resp: 20110

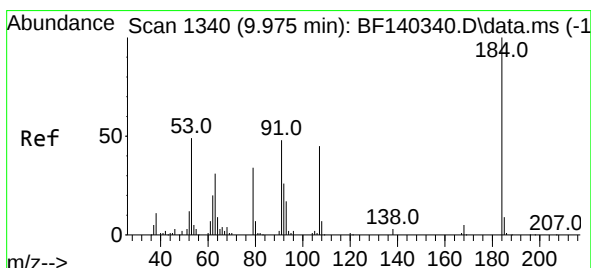
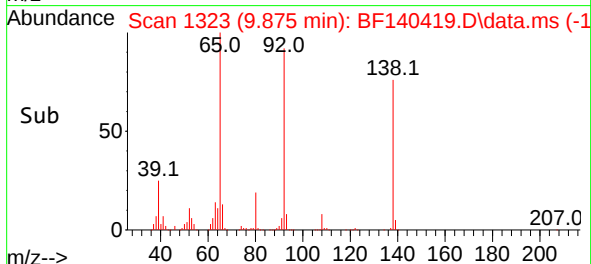
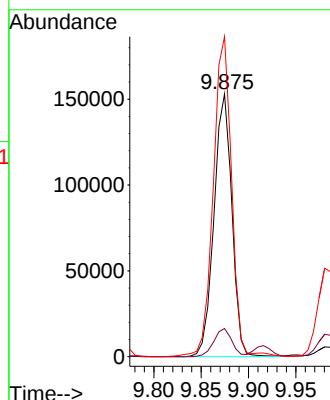
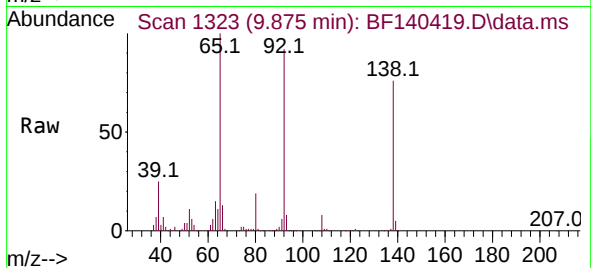
Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.4	12.6
92	121.8	95.5	143.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#54

2,4-Dinitrophenol

Concen: 95.069 ng

RT: 9.986 min Scan# 1342

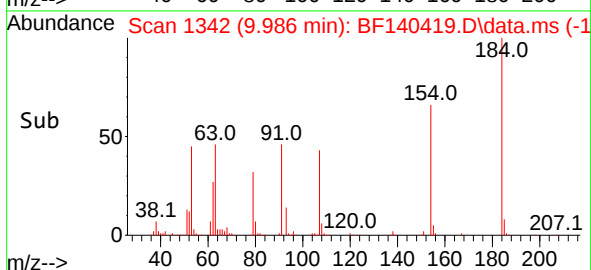
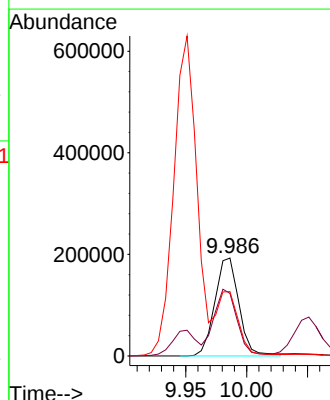
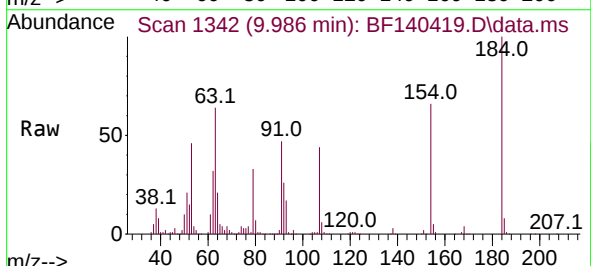
Delta R.T. 0.011 min

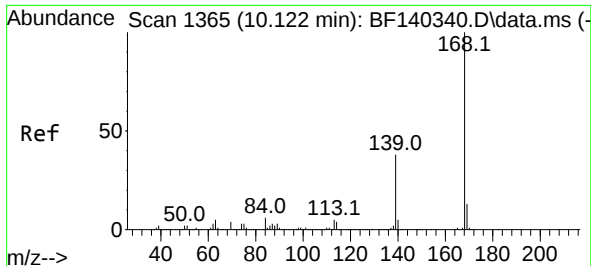
Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

Tgt Ion:184 Resp: 266092

Ion	Ratio	Lower	Upper
184	100		
63	64.0	53.5	80.3
154	65.7	51.3	76.9





#55
Dibenzofuran
Concen: 42.384 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

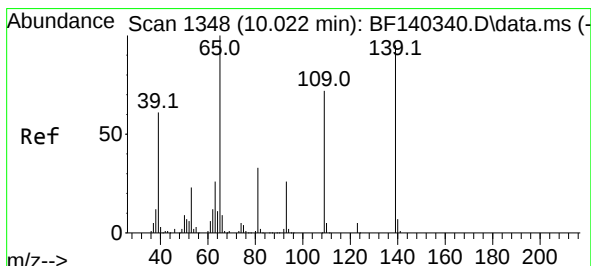
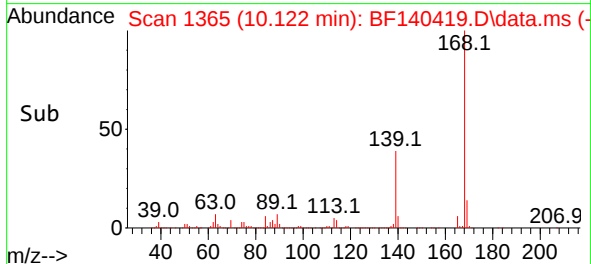
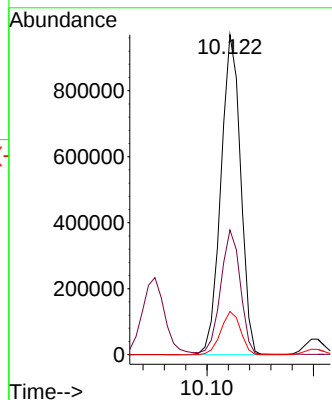
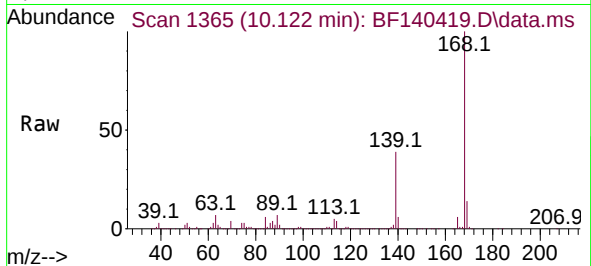
ClientSampleId :

PB164993BS

Tgt Ion:168 Resp: 124113
Ion Ratio Lower Upper
168 100
139 39.0 30.8 46.2
169 13.5 10.8 16.2

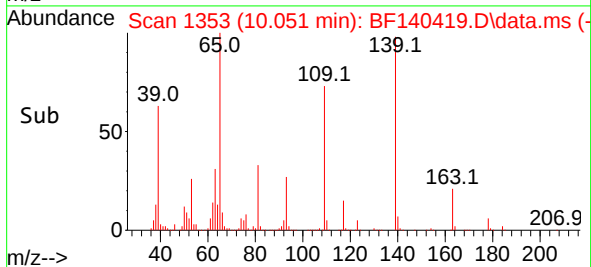
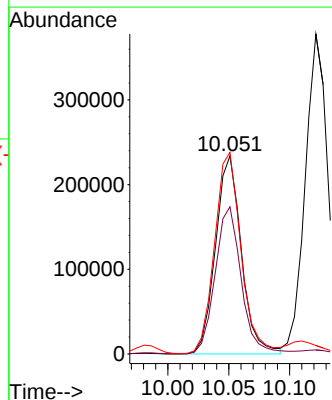
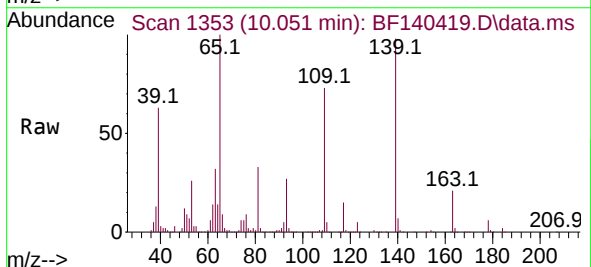
Manual Integrations
APPROVED

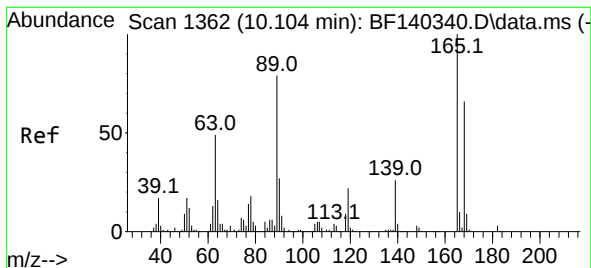
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#56
4-Nitrophenol
Concen: 83.215 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.029 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion:139 Resp: 345985
Ion Ratio Lower Upper
139 100
109 74.3 54.5 94.5
65 101.8 84.4 124.4





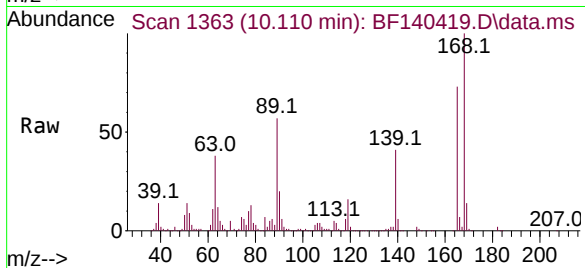
#57
2,4-Dinitrotoluene
Concen: 43.210 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS

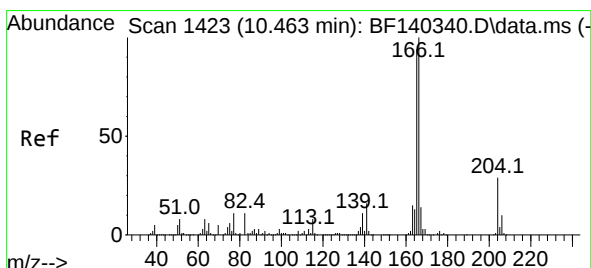
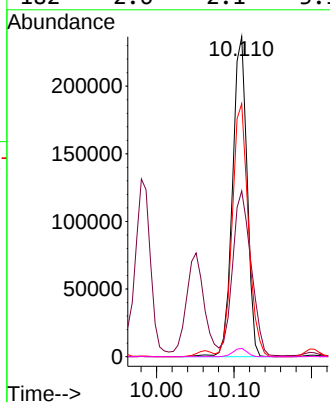
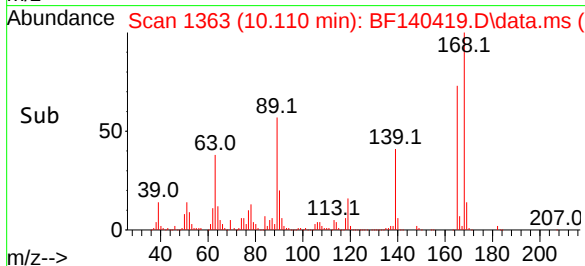


Tgt Ion:165 Resp: 30866
Ion Ratio Lower Upper
165 100
63 51.8 39.4 59.0
89 79.1 62.4 93.6
182 2.6 2.1 3.1

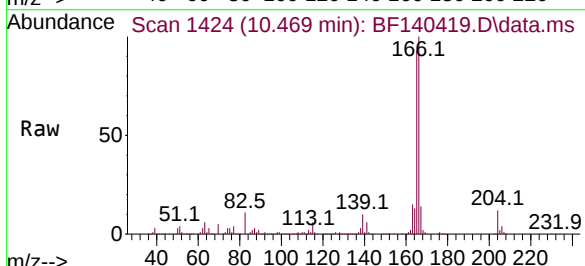
Manual Integrations

APPROVED

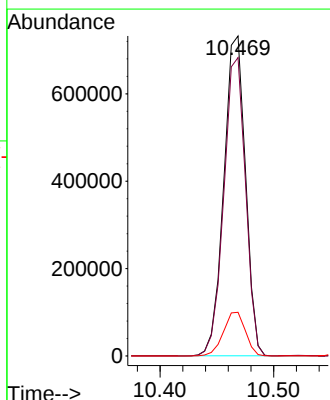
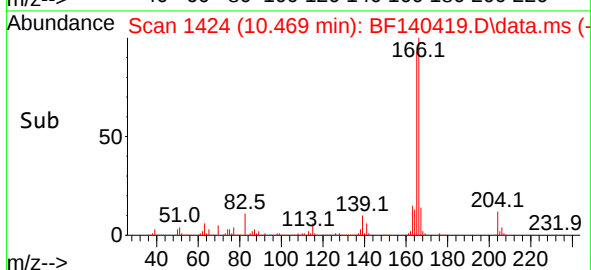
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#58
Fluorene
Concen: 42.056 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28



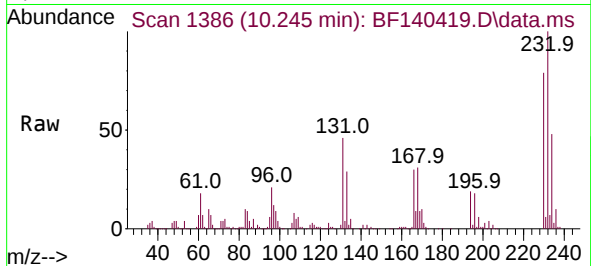
Tgt Ion:166 Resp: 972880
Ion Ratio Lower Upper
166 100
165 93.2 73.9 110.9
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.707 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

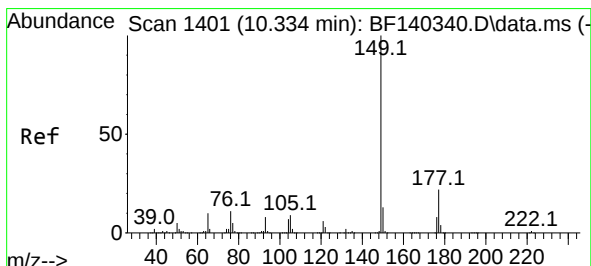
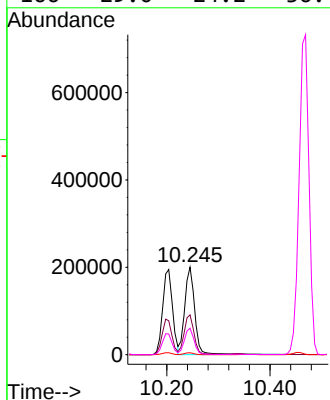
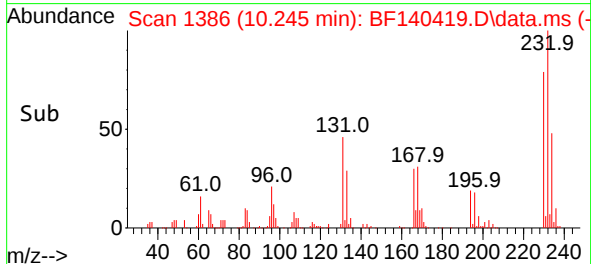
Instrument :
BNA_F
ClientSampleId :
PB164993BS



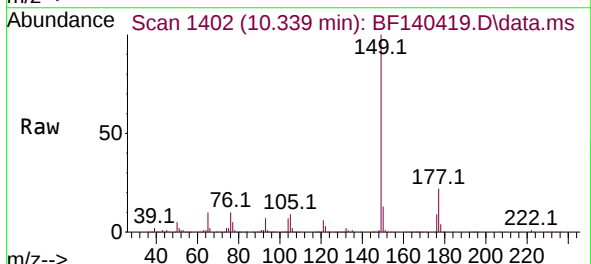
Tgt Ion:232 Resp: 267274
Ion Ratio Lower Upper
232 100
131 45.5 36.8 55.2
130 2.2 1.9 2.9
166 29.0 24.2 36.4

Manual Integrations
APPROVED

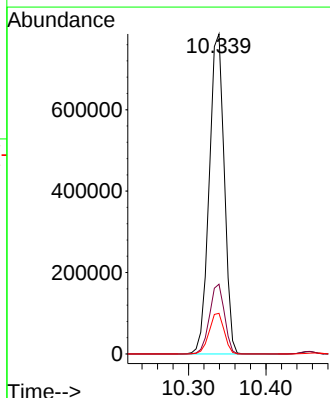
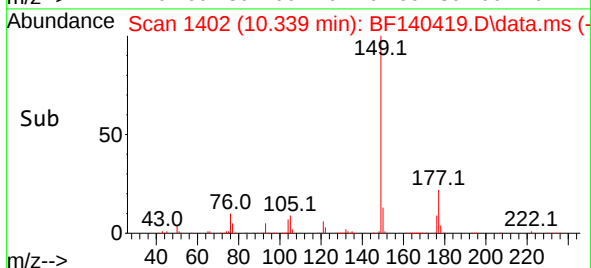
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

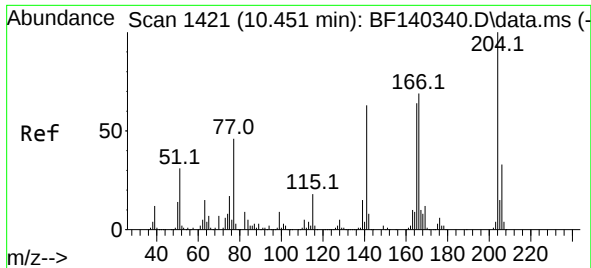


#60
Diethylphthalate
Concen: 43.478 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28



Tgt Ion:149 Resp: 1058472
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.7 10.1 15.1





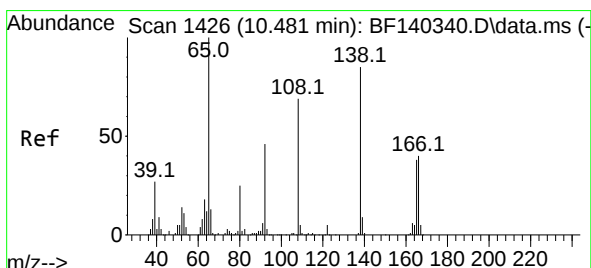
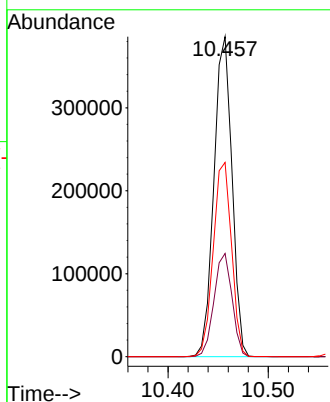
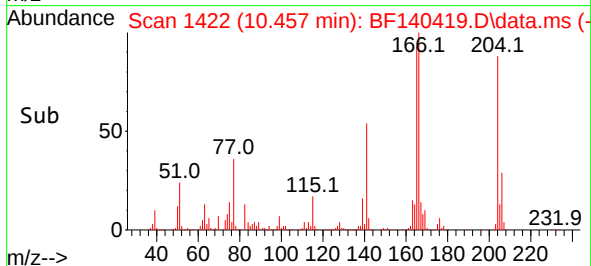
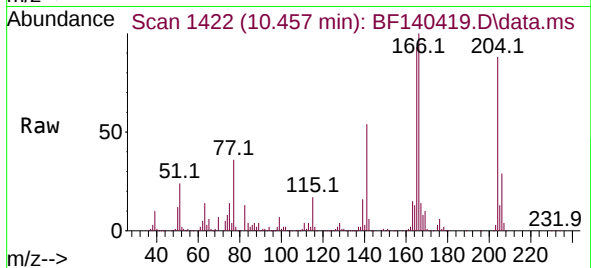
#61
4-Chlorophenyl-phenylether
Concen: 42.252 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :
BNA_F
ClientSampleId :
PB164993BS

Tgt Ion:204 Resp: 48254
Ion Ratio Lower Upper
204 100
206 32.3 26.0 39.0
141 60.7 49.8 74.8

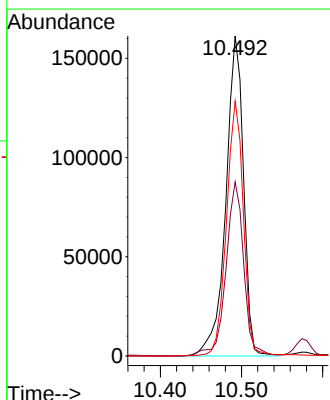
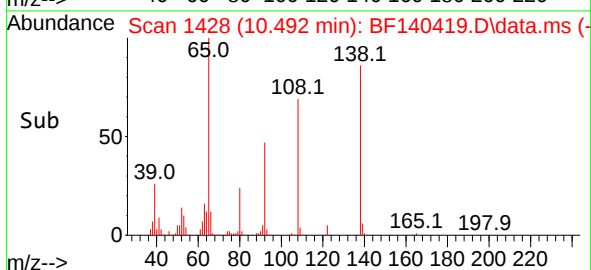
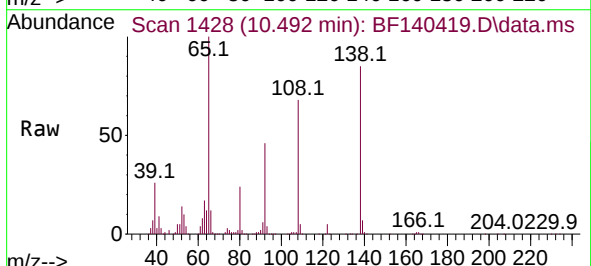
Manual Integrations
APPROVED

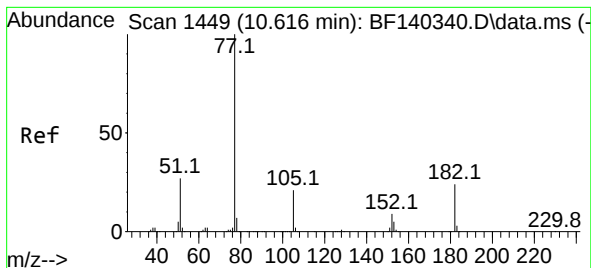
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#62
4-Nitroaniline
Concen: 41.801 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion:138 Resp: 243628
Ion Ratio Lower Upper
138 100
92 54.4 33.8 73.8
108 79.6 59.9 99.9





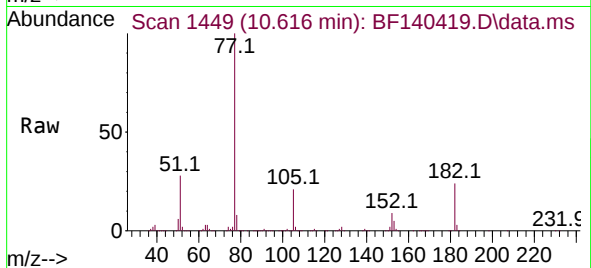
#63
Azobenzene
Concen: 42.810 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS



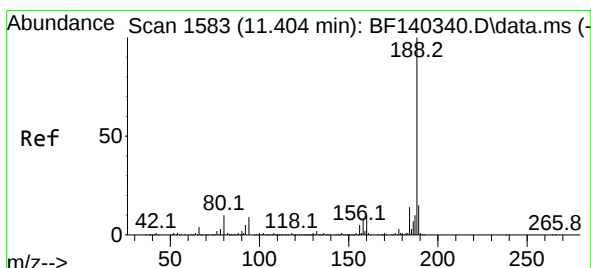
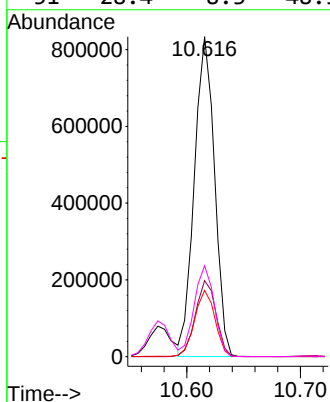
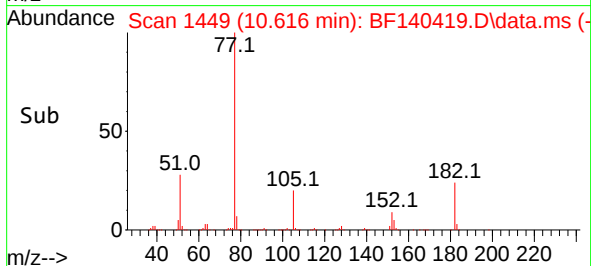
Tgt Ion: 77 Resp: 1029770
Ion Ratio Lower Upper
77 100
182 23.7 4.6 44.6
105 20.7 0.9 40.9
51 28.4 8.3 48.3

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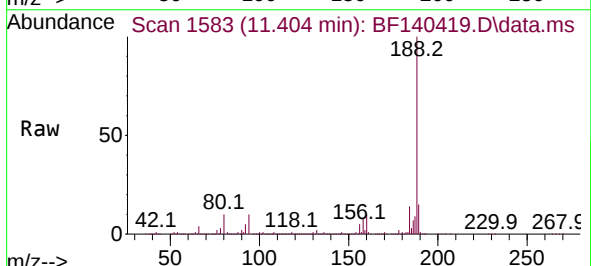
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

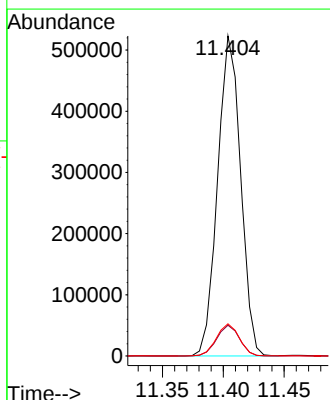
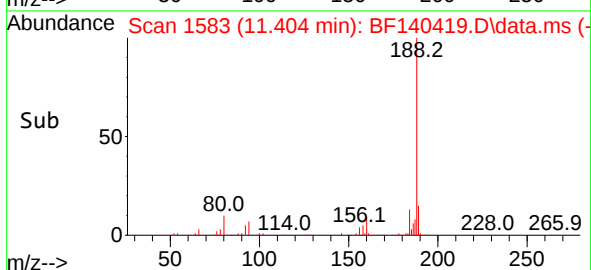
Supervised By :mohammad ahmed 11/19/2024

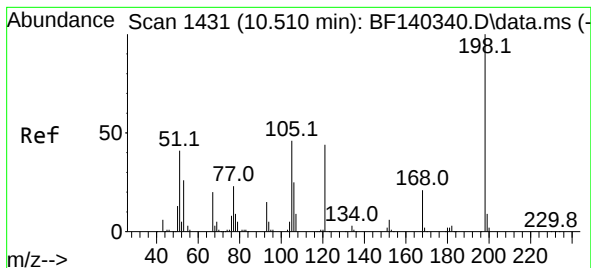


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28



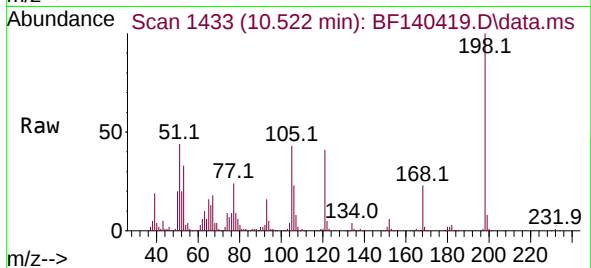
Tgt Ion:188 Resp: 688745
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 10.1 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 49.897 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.012 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

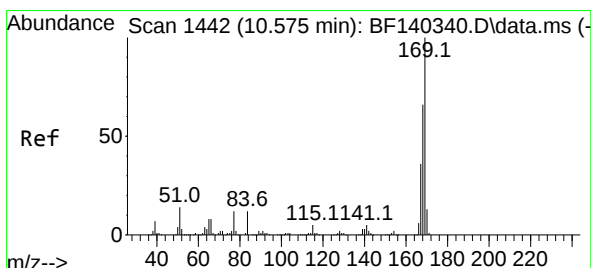
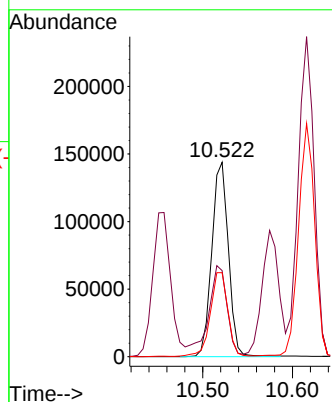
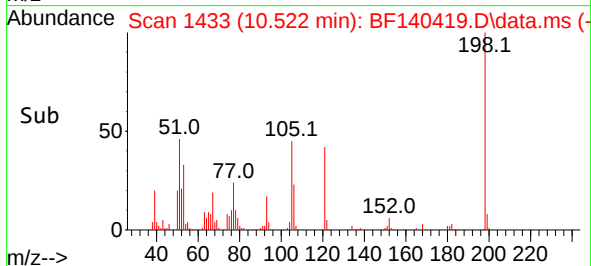
Instrument :
BNA_F
ClientSampleId :
PB164993BS



Tgt Ion:198 Resp: 184898
Ion Ratio Lower Upper
198 100
51 44.3 29.7 69.7
105 43.2 26.3 66.3

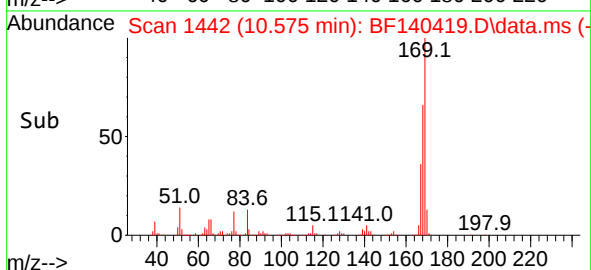
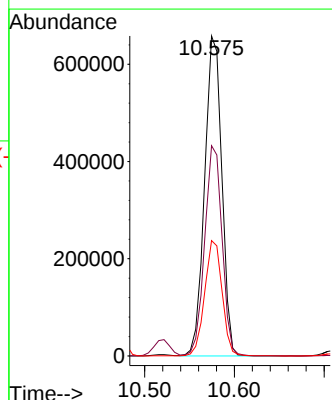
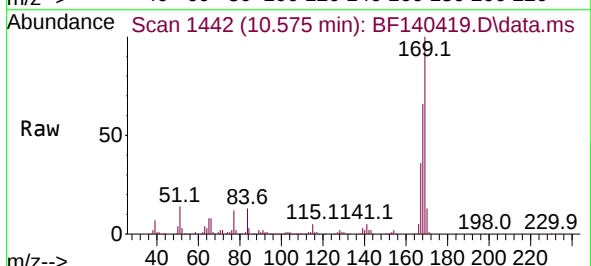
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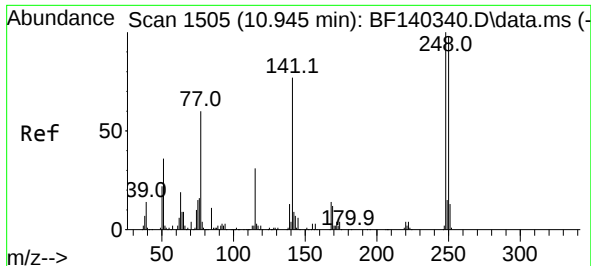
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#66
n-Nitrosodiphenylamine
Concen: 44.001 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion:169 Resp: 875629
Ion Ratio Lower Upper
169 100
168 65.7 52.7 79.1
167 36.1 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 42.559 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

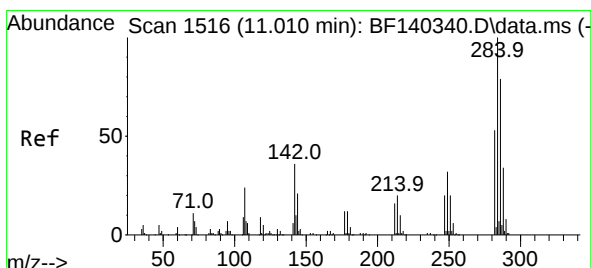
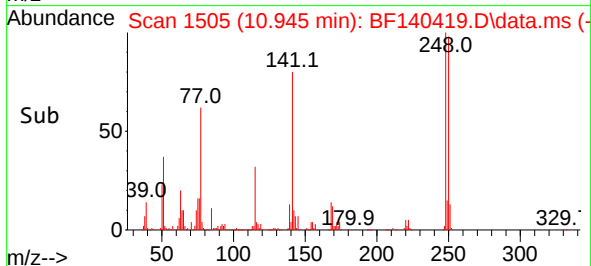
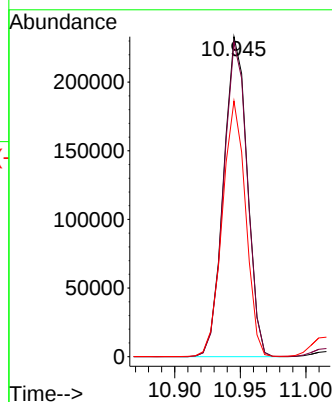
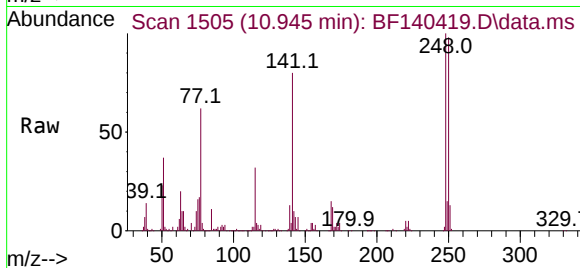
ClientSampleId :

PB164993BS

Tgt Ion:248 Resp: 293010
Ion Ratio Lower Upper
248 100
250 98.2 77.9 116.9
141 79.9 61.8 92.6

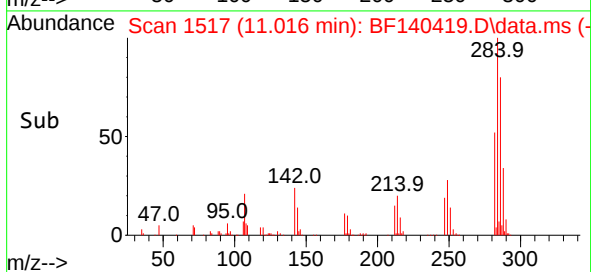
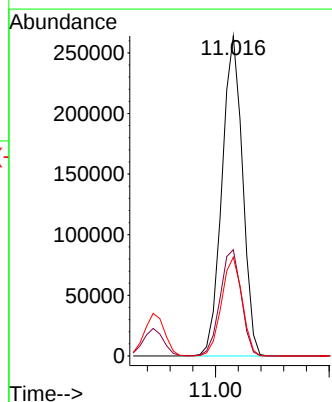
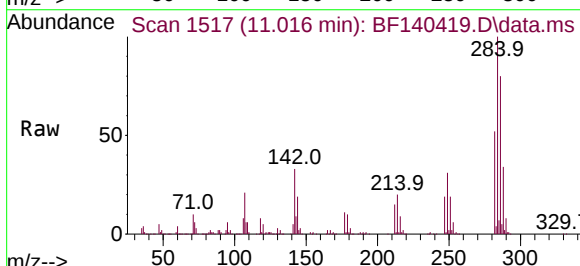
Manual Integrations
APPROVED

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



#68
Hexachlorobenzene
Concen: 42.817 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion:284 Resp: 331678
Ion Ratio Lower Upper
284 100
142 33.2 28.1 42.1
249 30.9 24.9 37.3





#69

Atrazine

Concen: 32.821 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS

Tgt Ion:200 Resp: 197600

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

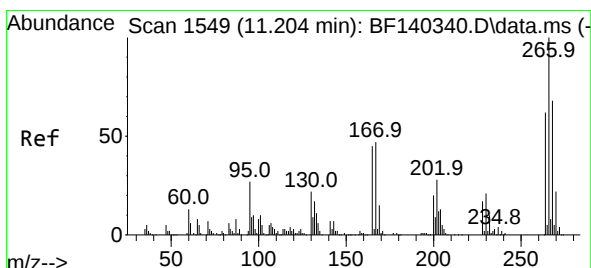
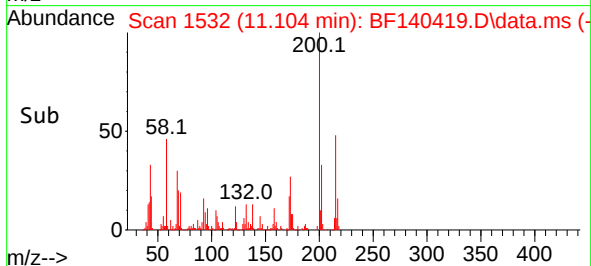
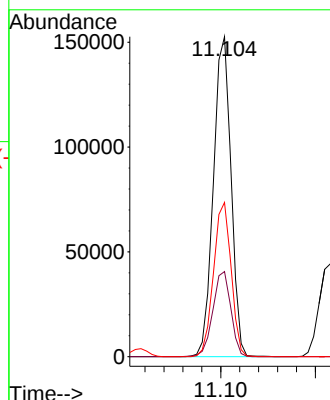
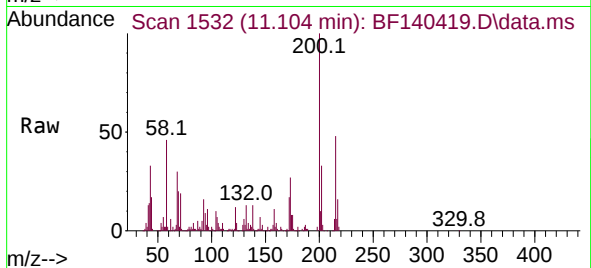
215 48.2 27.2 67.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#70

Pentachlorophenol

Concen: 84.751 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.012 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

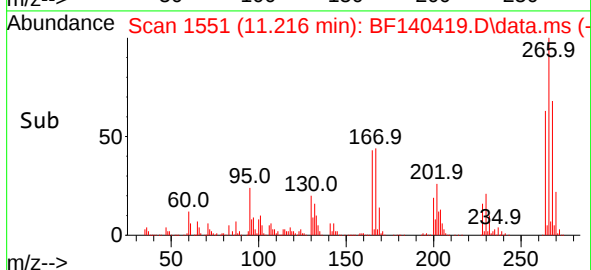
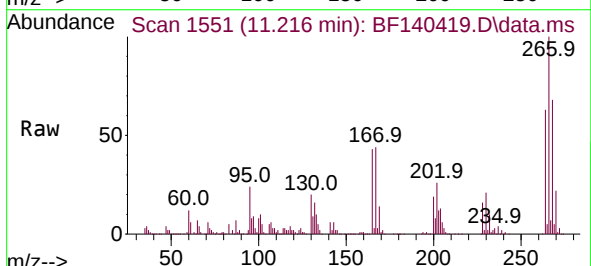
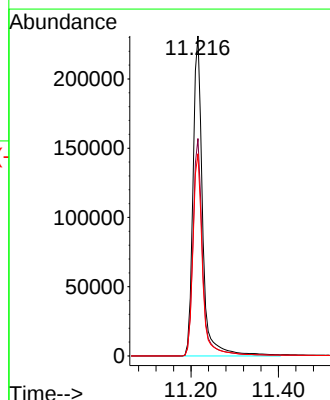
Tgt Ion:266 Resp: 353643

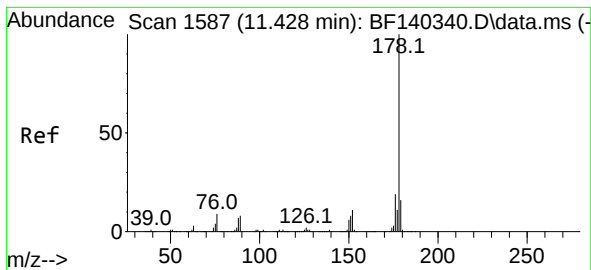
Ion Ratio Lower Upper

266 100

268 68.0 52.9 79.3

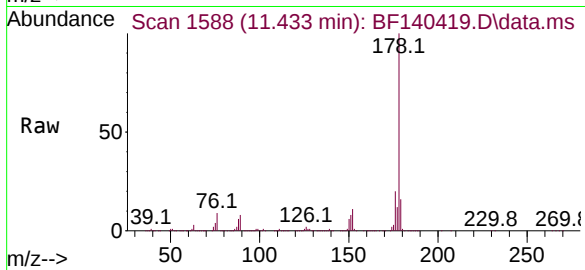
264 63.2 50.3 75.5





#71
Phenanthrene
Concen: 42.733 ng
RT: 11.433 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

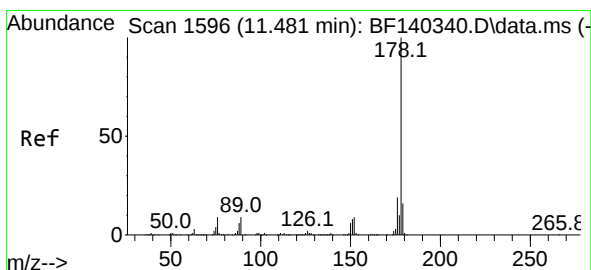
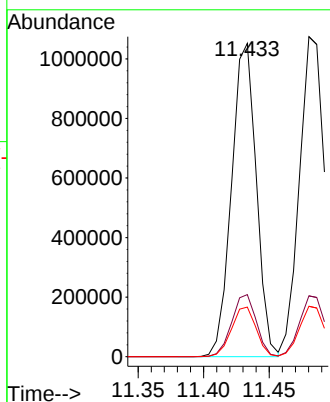
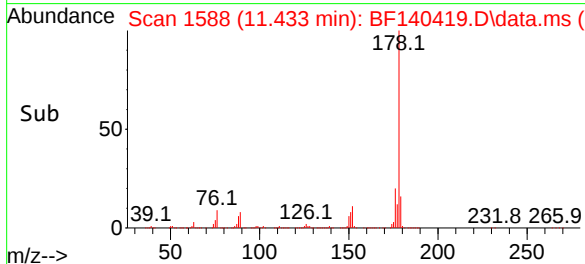
Instrument :
BNA_F
ClientSampleId :
PB164993BS



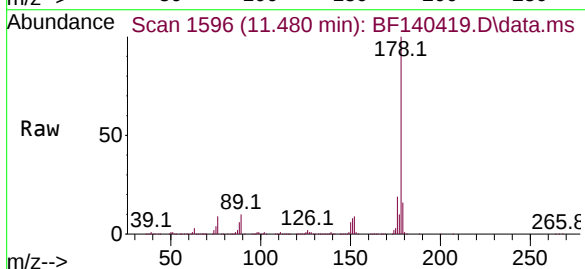
Tgt Ion:178 Resp: 1382599
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.8 12.4 18.6

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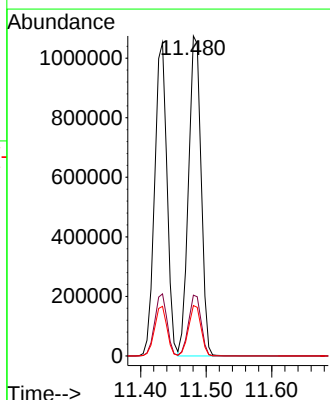
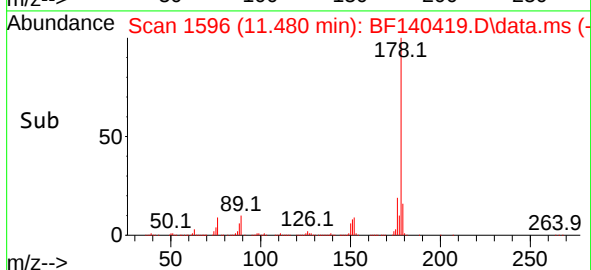
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

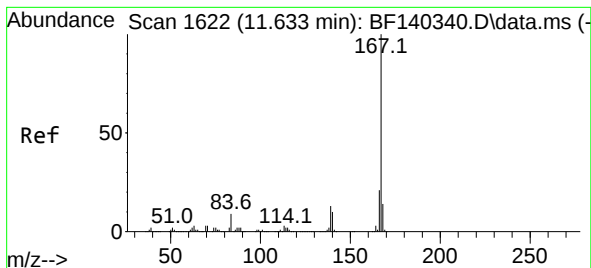


#72
Anthracene
Concen: 45.057 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28



Tgt Ion:178 Resp: 1428714
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.8 12.6 18.8





#73

Carbazole

Concen: 42.127 ng

RT: 11.639 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS

Tgt Ion:167 Resp: 131898

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

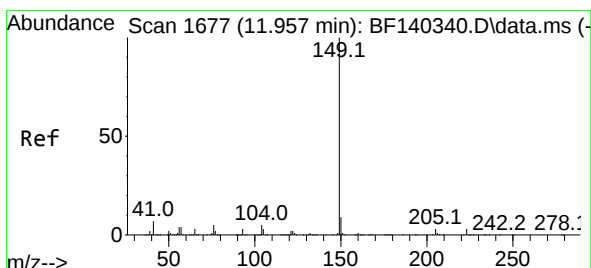
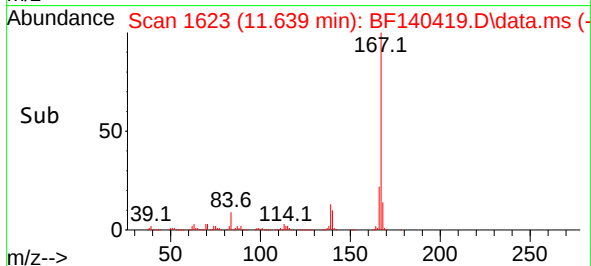
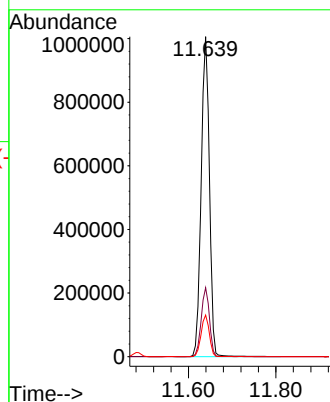
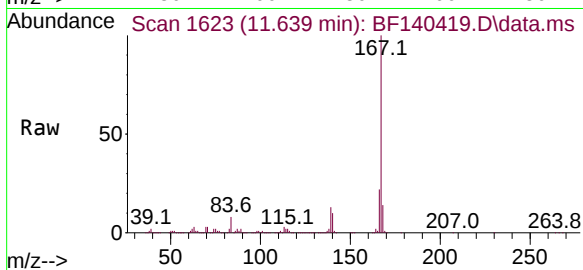
139 13.0 10.4 15.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#74

Di-n-butylphthalate

Concen: 44.235 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.006 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

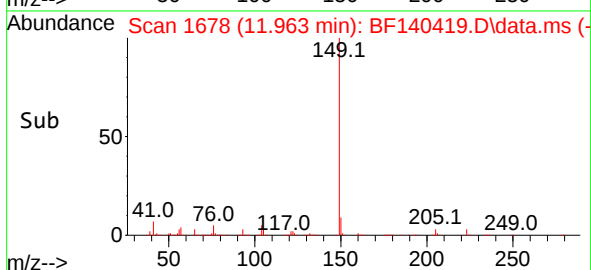
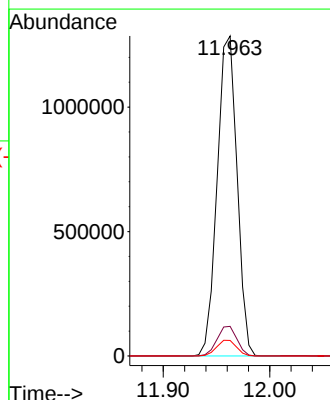
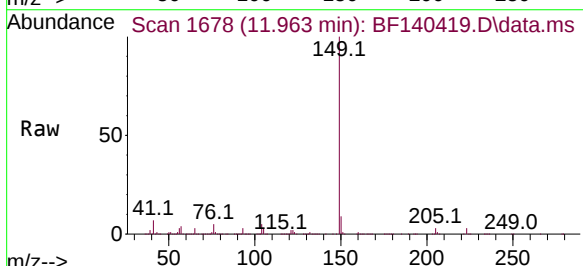
Tgt Ion:149 Resp: 1662288

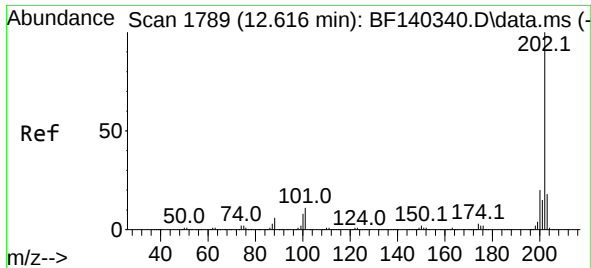
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

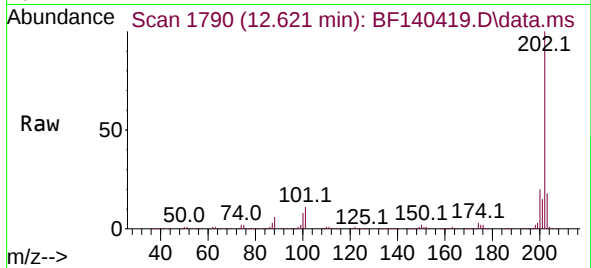
104 4.9 4.0 6.0





#75
Fluoranthene
Concen: 42.134 ng
RT: 12.621 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

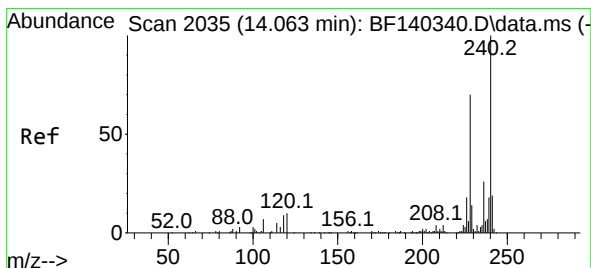
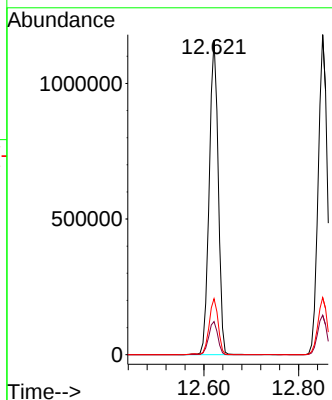
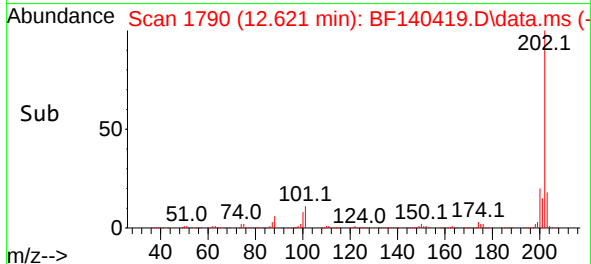
Instrument :
BNA_F
ClientSampleId :
PB164993BS



Tgt Ion:202 Resp: 1529420
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 17.8 0.0 37.7

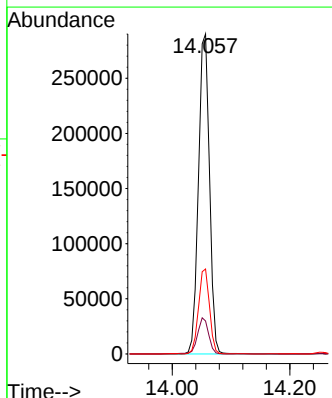
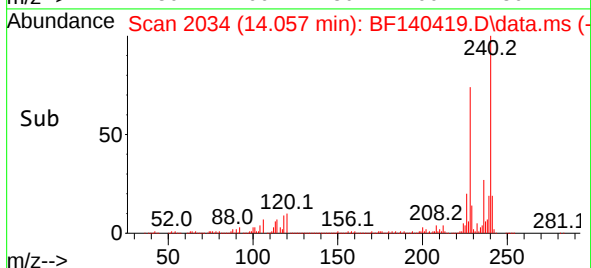
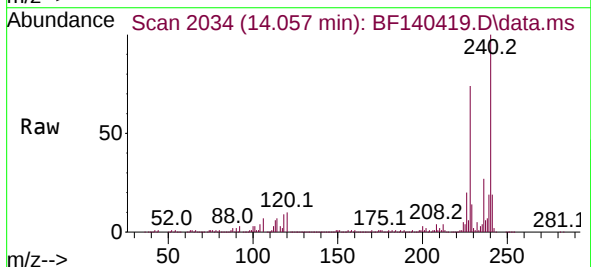
Manual Integrations
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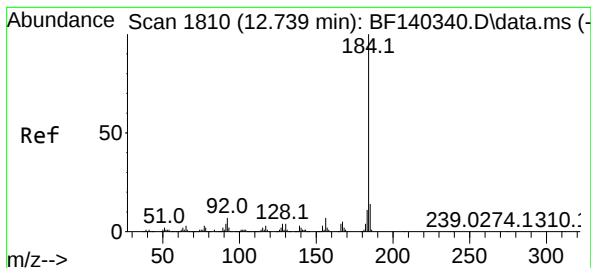
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion:240 Resp: 378177
Ion Ratio Lower Upper
240 100
120 10.3 8.8 13.2
236 26.5 20.9 31.3





#77

Benzidine

Concen: 11.078 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

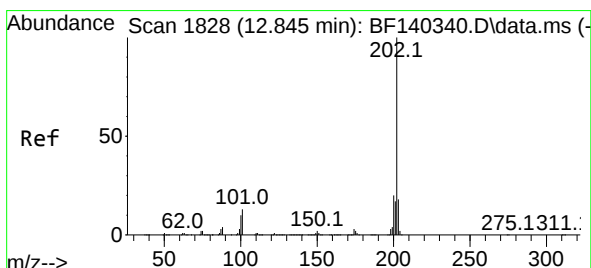
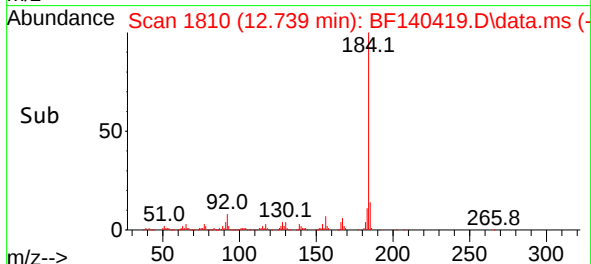
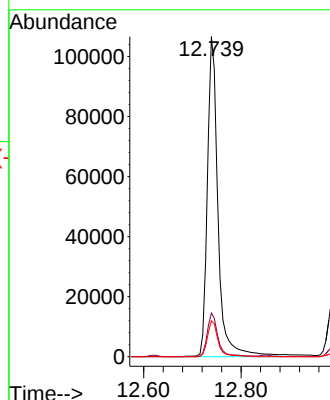
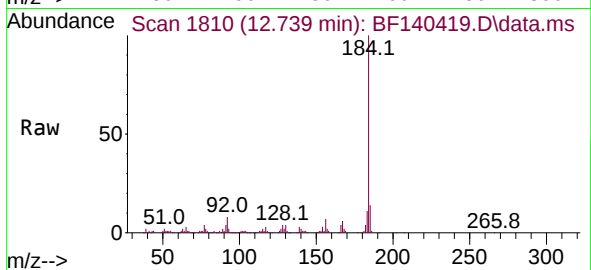
PB164993BS

Tgt Ion:184	Resp: 16079
Ion Ratio	Lower Upper
184 100	
185 13.6	11.9 17.9
183 11.2	8.6 13.0

Manual Integrations

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



#78

Pyrene

Concen: 47.940 ng

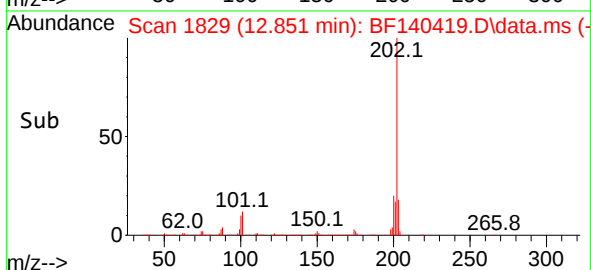
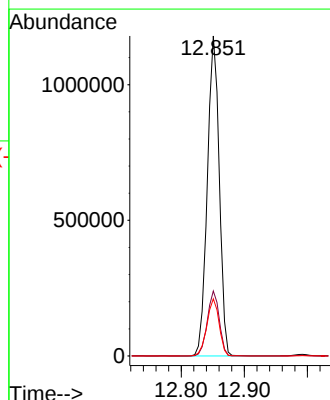
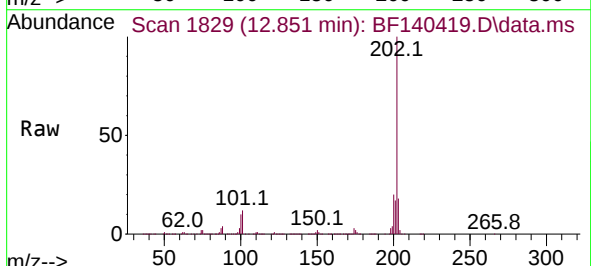
RT: 12.851 min Scan# 1829

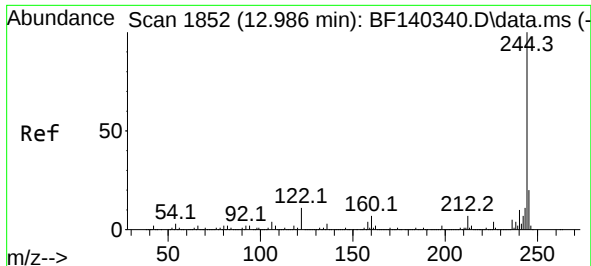
Delta R.T. 0.006 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

Tgt Ion:202	Resp: 1550782		
Ion Ratio	Lower	Upper	
202 100			
200 20.3	16.2	24.2	
203 17.9	14.2	21.4	





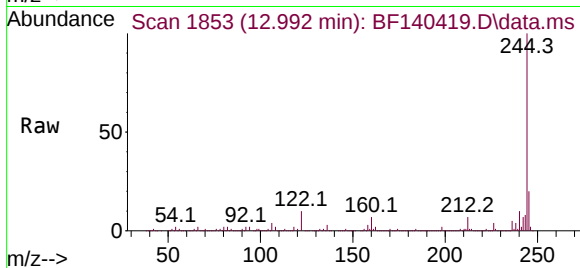
#79
 Terphenyl-d14
 Concen: 99.691 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: BF140419.D
 Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS



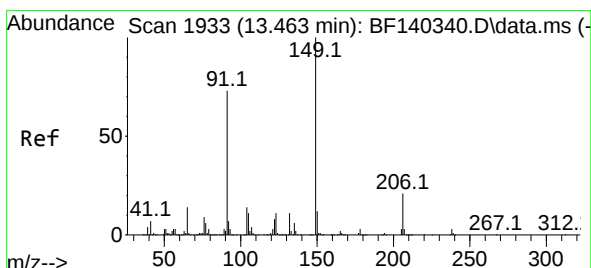
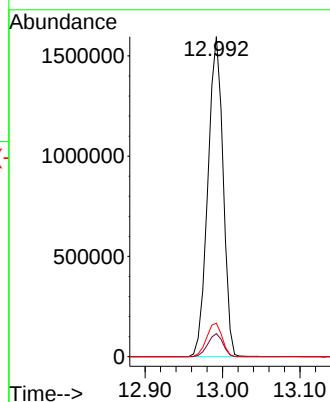
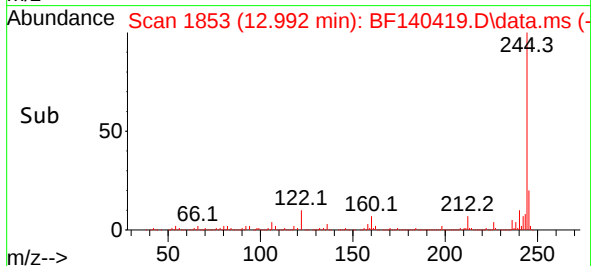
Tgt Ion:244 Resp: 217195
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.5 8.8 13.2

Manual Integrations

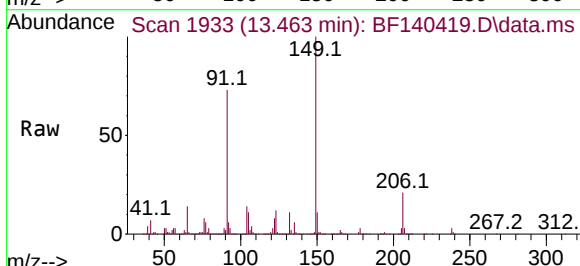
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Reviewed By :Yogesh Patel 11/19/2024

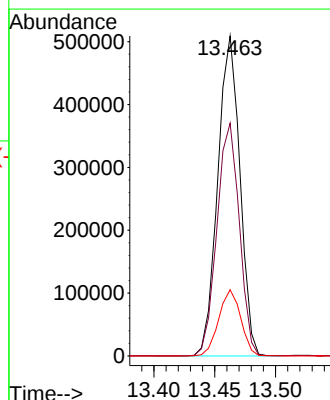
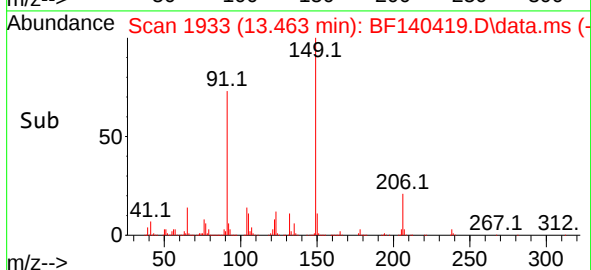
Supervised By :mohammad ahmed 11/19/2024

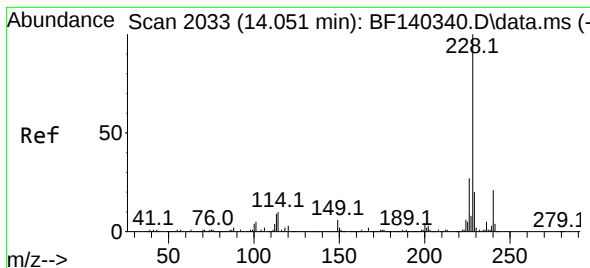


#80
 Butylbenzylphthalate
 Concen: 51.948 ng
 RT: 13.463 min Scan# 1933
 Delta R.T. 0.006 min
 Lab File: BF140419.D
 Acq: 16 Nov 2024 10:28



Tgt Ion:149 Resp: 645531
 Ion Ratio Lower Upper
 149 100
 91 72.7 61.0 91.4
 206 20.7 16.1 24.1





#81

Benzo(a)anthracene

Concen: 46.268 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF140419.D

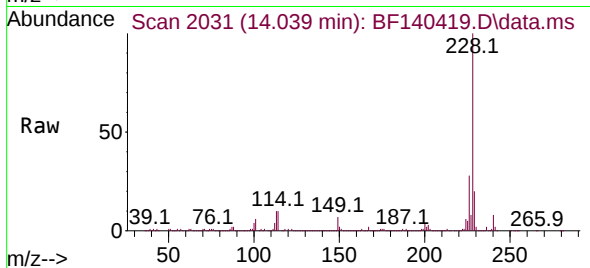
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS



Tgt Ion:228 Resp: 1149970

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.4

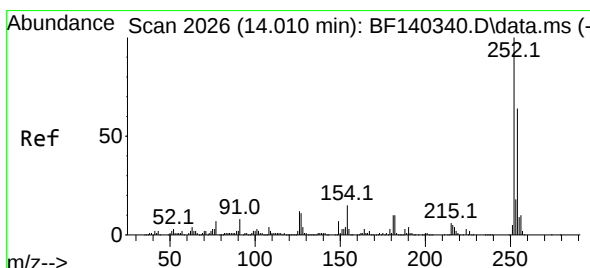
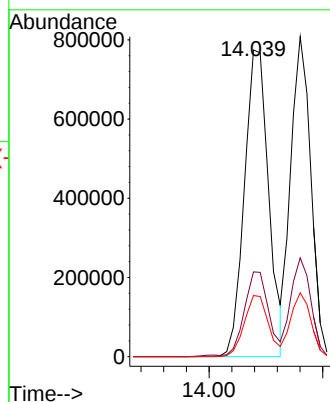
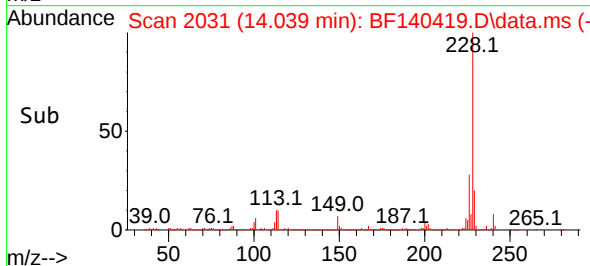
229 19.9 15.8 23.6

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#82

3,3'-Dichlorobenzidine

Concen: 38.802 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

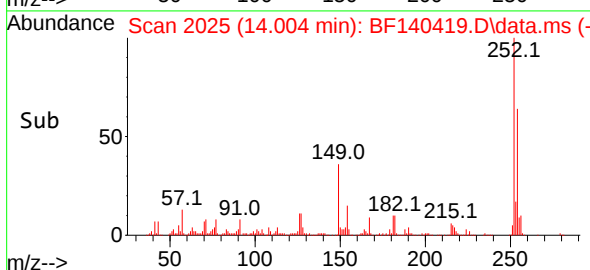
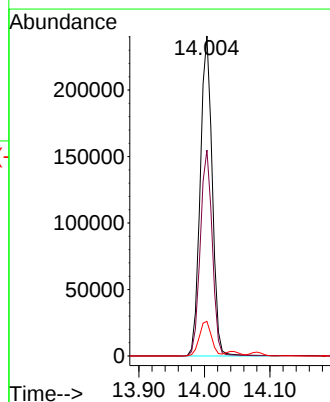
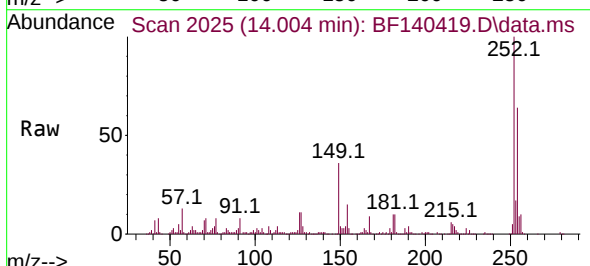
Tgt Ion:252 Resp: 306540

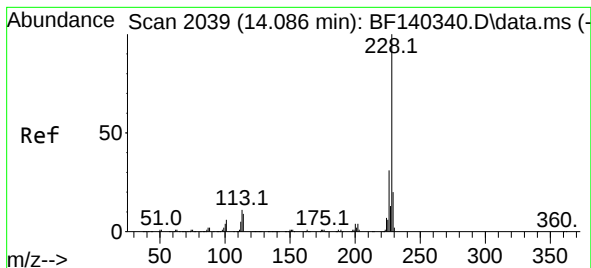
Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.2

126 10.8 9.4 14.0





#83

Chrysene

Concen: 43.921 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS

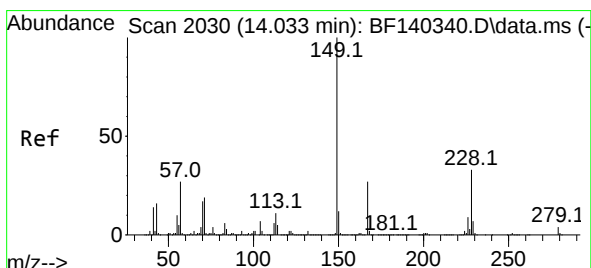
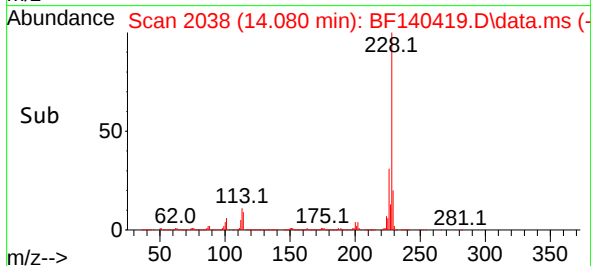
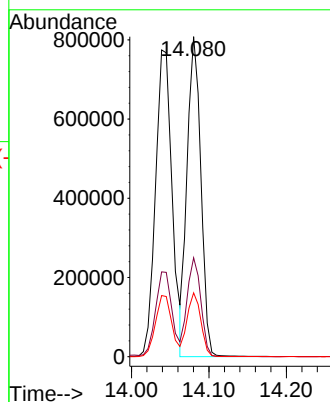
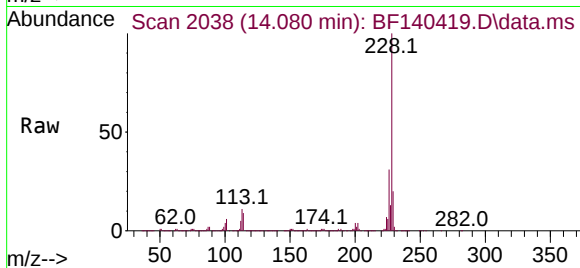
Tgt Ion:	228	Resp:	996044
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.5	36.7
229	19.9	16.0	24.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.151 ng

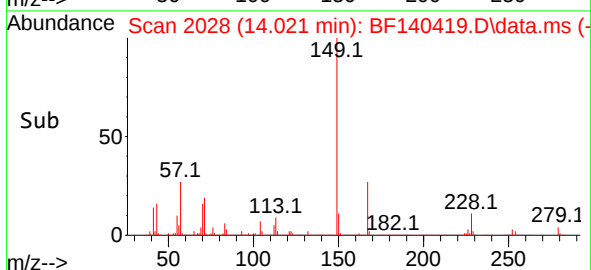
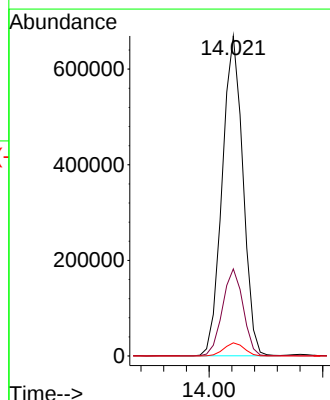
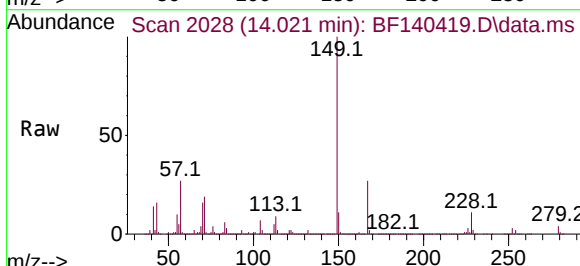
RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF140419.D

Acq: 16 Nov 2024 10:28

Tgt Ion:	149	Resp:	848424
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.4	32.0
279	4.1	3.0	4.6





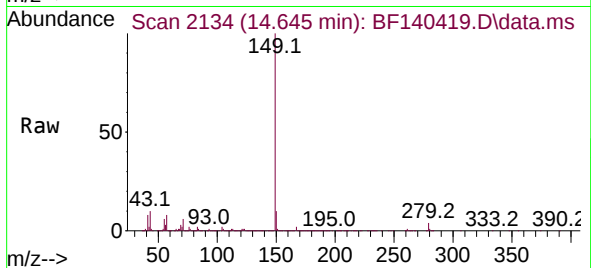
#85
Di-n-octyl phthalate
Concen: 48.597 ng
RT: 14.645 min Scan# 2140
Delta R.T. -0.018 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS



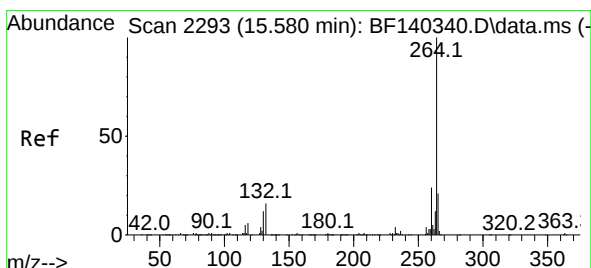
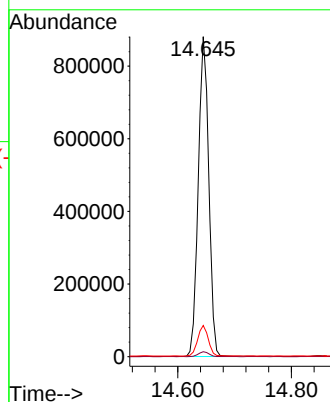
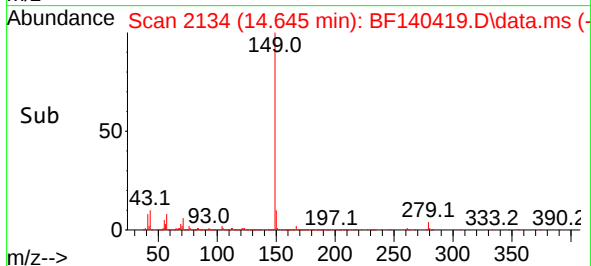
Tgt Ion:149 Resp: 113524
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 8.0 12.0

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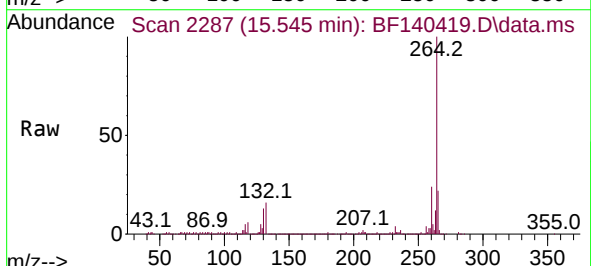
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Reviewed By :Yogesh Patel 11/19/2024

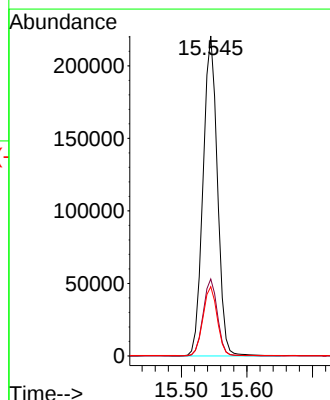
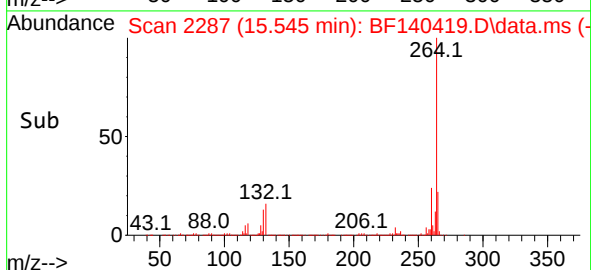
Supervised By :mohammad ahmed 11/19/2024

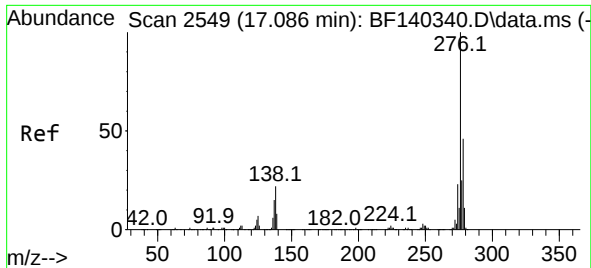


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28



Tgt Ion:264 Resp: 337908
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.6 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.812 ng
RT: 17.056 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

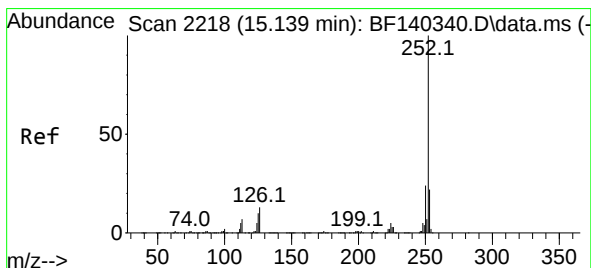
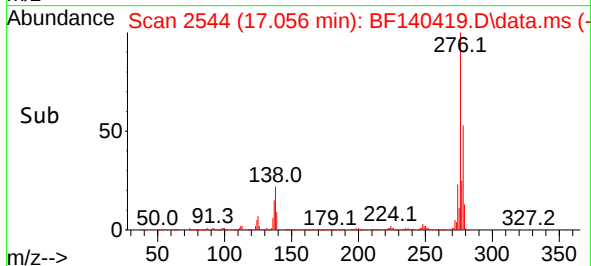
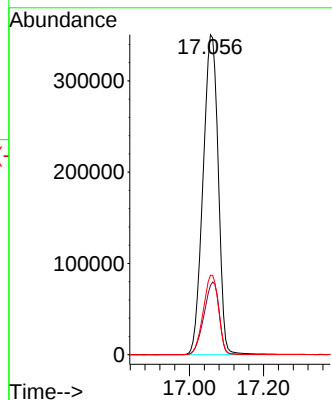
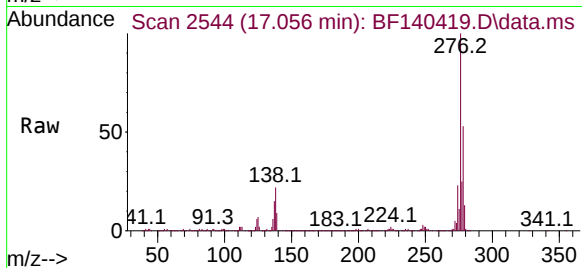
ClientSampleId :

PB164993BS

Tgt Ion:276 Resp: 99800
Ion Ratio Lower Upper
276 100
138 22.6 18.8 28.2
277 25.0 20.2 30.2

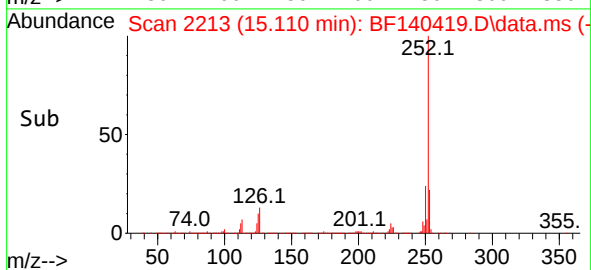
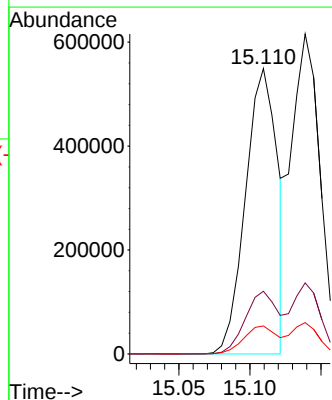
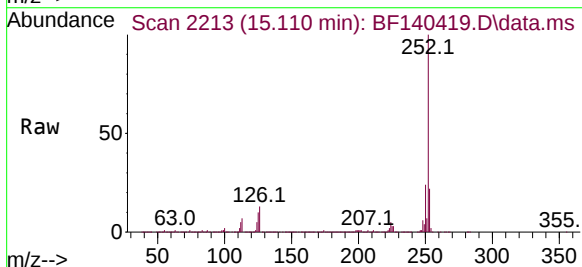
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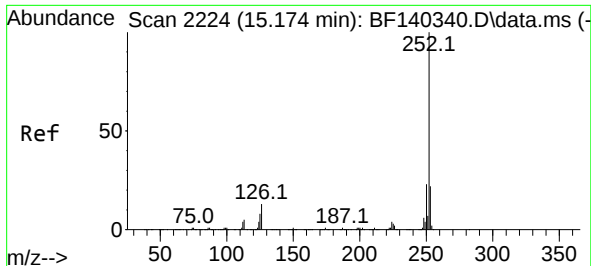
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#88
Benzo(b)fluoranthene
Concen: 38.678 ng
RT: 15.110 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion:252 Resp: 854955
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.8 8.0 12.0





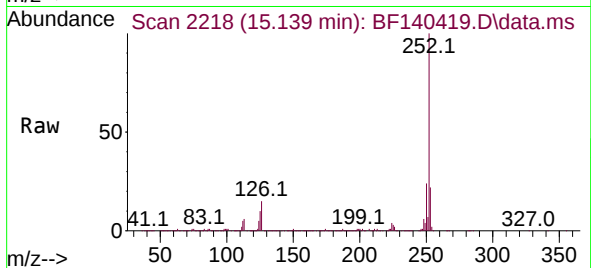
#89
Benzo(k)fluoranthene
Concen: 47.645 ng
RT: 15.139 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

ClientSampleId :

PB164993BS

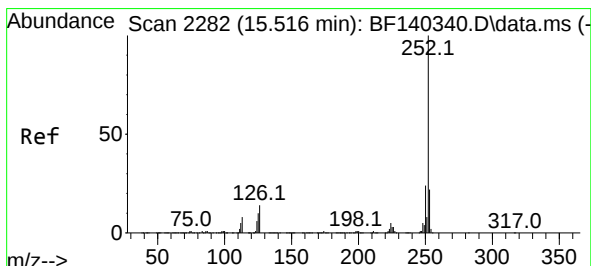
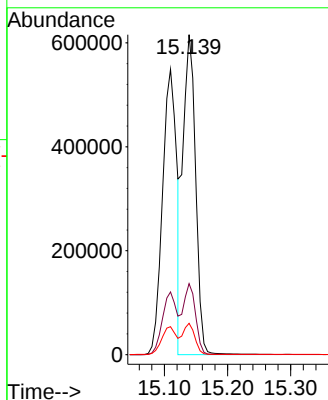
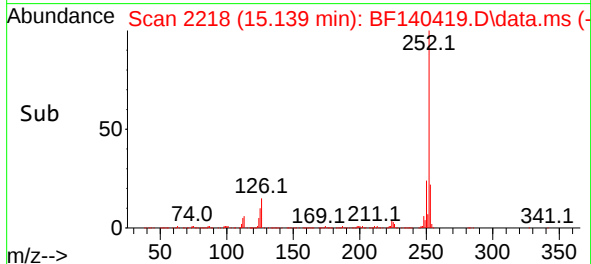


Tgt Ion:252 Resp: 860358
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.8 7.4 11.2

Manual Integrations

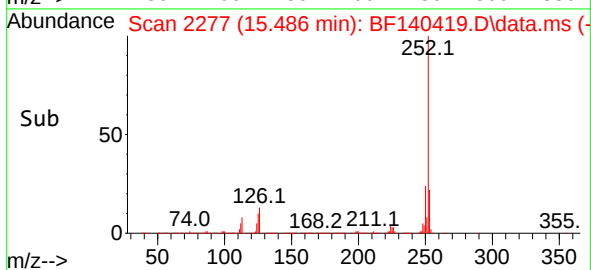
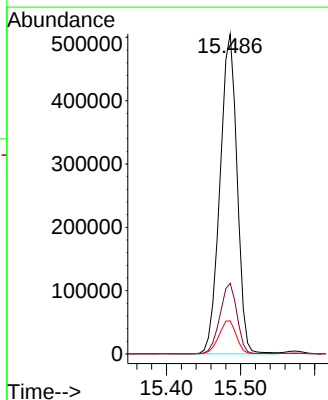
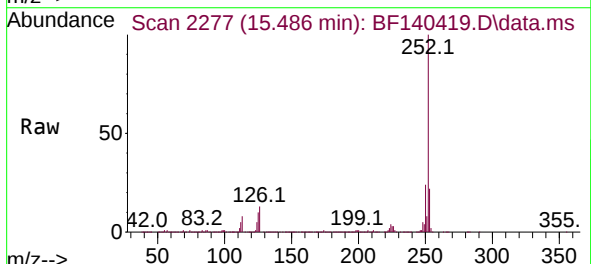
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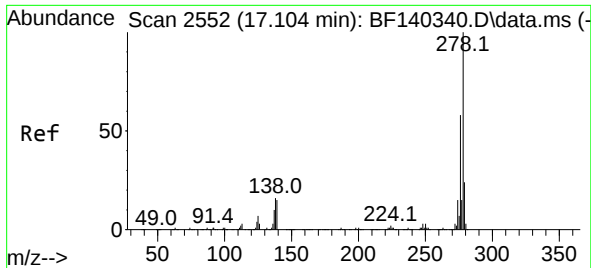
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#90
Benzo(a)pyrene
Concen: 47.104 ng
RT: 15.486 min Scan# 2277
Delta R.T. -0.006 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion:252 Resp: 808559
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.3 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 47.060 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Instrument :

BNA_F

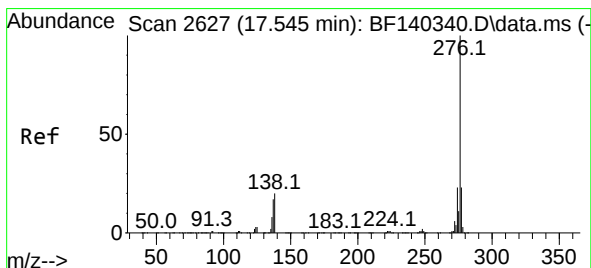
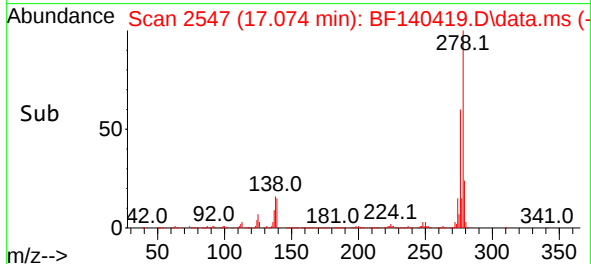
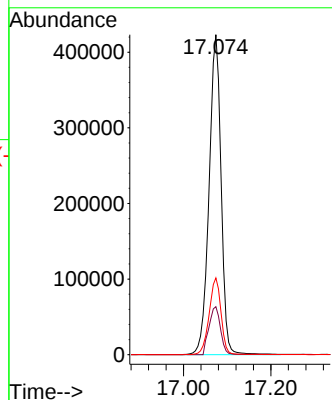
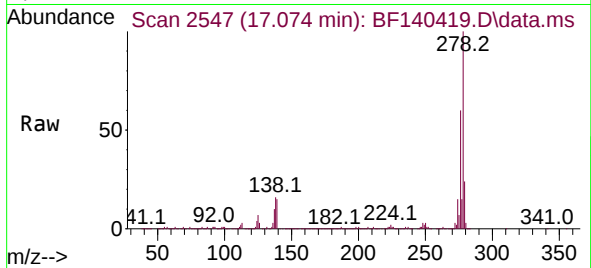
ClientSampleId :

PB164993BS

Tgt Ion:278 Resp: 811962
Ion Ratio Lower Upper
278 100
139 15.0 11.8 17.8
279 24.0 18.9 28.3

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Supervised By :mohammad ahmed 11/19/2024



#92
Benzo(g,h,i)perylene
Concen: 42.274 ng
RT: 17.515 min Scan# 2622
Delta R.T. -0.000 min
Lab File: BF140419.D
Acq: 16 Nov 2024 10:28

Tgt Ion:276 Resp: 745674
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 19.8 16.0 24.0

