

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132415.D
 Acq On : 13 Feb 2023 18:01
 Operator : CG\JU
 Sample : PB150790BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150790BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/14/2023
 Supervised By : Jagrut Upadhyay 02/14/2023

Quant Time: Feb 14 01:38:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:51:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	156160	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	590476	20.000	ng	0.00
39) Acenaphthene-d10	10.089	164	297880	20.000	ng	0.00
64) Phenanthrene-d10	11.583	188	540574	20.000	ng	0.00
76) Chrysene-d12	14.242	240	379932	20.000	ng	# 0.00
86) Perylene-d12	15.807	264	395495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	1144503	133.743	ng	0.02
7) Phenol-d6	6.660	99	1352851	126.848	ng	0.00
23) Nitrobenzene-d5	7.601	82	823710	83.219	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	499243	125.944	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	1615120	78.494	ng	0.00
79) Terphenyl-d14	13.177	244	1879140	83.183	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.031	88	125775	20.003	ng	99
3) Pyridine	3.766	79	473117	41.583	ng	98
4) n-Nitrosodimethylamine	3.737	42	170078	45.781	ng	87
6) Aniline	6.695	93	532032m	45.886	ng	
8) 2-Chlorophenol	6.819	128	472417	46.124	ng	99
9) Benzaldehyde	6.584	77	207560	52.924	ng	98
10) Phenol	6.672	94	493793	45.382	ng	100
11) bis(2-Chloroethyl)ether	6.766	93	449246	41.091	ng	99
12) 1,3-Dichlorobenzene	6.978	146	506716	45.131	ng	100
13) 1,4-Dichlorobenzene	7.054	146	509047	45.171	ng	99
14) 1,2-Dichlorobenzene	7.207	146	489836	46.227	ng	98
15) Benzyl Alcohol	7.178	79	334735	52.593	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.301	45	370574	42.683	ng	99
17) 2-Methylphenol	7.284	107	354917	38.410	ng	99
18) Hexachloroethane	7.548	117	191273	42.783	ng	99
19) n-Nitroso-di-n-propyla...	7.448	70	242137	39.787	ng	97
20) 3+4-Methylphenols	7.431	107	431514	37.167	ng	94
22) Acetophenone	7.442	105	584011	42.427	ng	98
24) Nitrobenzene	7.619	77	416177	42.248	ng	98
25) Isophorone	7.854	82	764601	43.847	ng	98
26) 2-Nitrophenol	7.936	139	253595	46.913	ng	95
27) 2,4-Dimethylphenol	7.966	122	403037	45.729	ng	99
28) bis(2-Chloroethoxy)met...	8.060	93	495961	44.004	ng	99
29) 2,4-Dichlorophenol	8.178	162	381551	43.752	ng	97
30) 1,2,4-Trichlorobenzene	8.260	180	430852	43.501	ng	96
31) Naphthalene	8.342	128	1254885	40.545	ng	100
32) Benzoic acid	8.089	122	293204	63.391	ng	99
33) 4-Chloroaniline	8.389	127	333249	29.287	ng	98
34) Hexachlorobutadiene	8.454	225	263179	41.624	ng	98
35) Caprolactam	8.766	113	118802m	45.470	ng	
36) 4-Chloro-3-methylphenol	8.866	107	385308	40.999	ng	100
37) 2-Methylnaphthalene	9.036	142	833568	34.513	ng	100
38) 1-Methylnaphthalene	9.136	142	778060	34.132	ng	99
40) 1,2,4,5-Tetrachloroben...	9.201	216	406766	43.284	ng	99
41) Hexachlorocyclopentadiene	9.189	237	599180	104.722	ng	98
43) 2,4,6-Trichlorophenol	9.313	196	279192	43.748	ng	99

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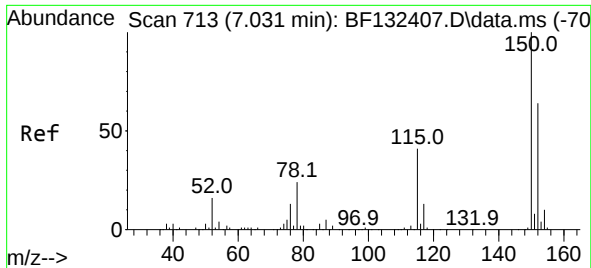
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.354	196	291284	39.849	ng	95
46) 1,1'-Biphenyl	9.501	154	1016690	41.846	ng	99
47) 2-Chloronaphthalene	9.530	162	791167	42.566	ng	98
48) 2-Nitroaniline	9.625	65	184708	42.584	ng	95
49) Acenaphthylene	9.948	152	1213876	41.079	ng	100
50) Dimethylphthalate	9.801	163	908213	40.480	ng	100
51) 2,6-Dinitrotoluene	9.866	165	210085	42.683	ng	94
52) Acenaphthene	10.119	154	873928	45.897	ng	100
53) 3-Nitroaniline	10.036	138	183637	33.542	ng	96
54) 2,4-Dinitrophenol	10.142	184	257321	94.025	ng	93
55) Dibenzofuran	10.295	168	1072903	40.453	ng	99
56) 4-Nitrophenol	10.195	139	353228	86.557	ng	94
57) 2,4-Dinitrotoluene	10.272	165	277764	42.956	ng	98
58) Fluorene	10.636	166	833508	40.420	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.407	232	243232	43.353	ng	98
60) Diethylphthalate	10.501	149	900693	40.101	ng	98
61) 4-Chlorophenyl-phenyle...	10.624	204	410098	39.585	ng	95
62) 4-Nitroaniline	10.660	138	218423	43.565	ng	95
63) Azobenzene	10.789	77	715769	40.378	ng	96
65) 4,6-Dinitro-2-methylph...	10.677	198	156337	46.519	ng	84
66) n-Nitrosodiphenylamine	10.748	169	729984	41.830	ng	100
67) 4-Bromophenyl-phenylether	11.119	248	265556	42.089	ng	95
68) Hexachlorobenzene	11.189	284	316195	45.309	ng	93
69) Atrazine	11.272	200	238083	48.656	ng	99
70) Pentachlorophenol	11.383	266	347785	83.293	ng	98
71) Phenanthrene	11.607	178	1235528	41.923	ng	100
72) Anthracene	11.660	178	1258540	41.695	ng	99
73) Carbazole	11.813	167	1119736	43.229	ng	99
74) Di-n-butylphthalate	12.136	149	1396183	42.923	ng	99
75) Fluoranthene	12.807	202	1264863	43.368	ng	98
77) Benzidine	12.924	184	844542	156.239	ng	99
78) Pyrene	13.036	202	1312103	41.672	ng	99
80) Butylbenzylphthalate	13.648	149	586983	44.975	ng	95
81) Benzo(a)anthracene	14.236	228	1196596	43.290	ng	99
82) 3,3'-Dichlorobenzidine	14.189	252	325167	42.537	ng	99
83) Chrysene	14.271	228	1102053	42.250	ng	99
84) Bis(2-ethylhexyl)phtha...	14.201	149	828145	45.113	ng	99
85) Di-n-octyl phthalate	14.836	149	1377337	47.037	ng	100
87) Indeno(1,2,3-cd)pyrene	17.430	276	1083427	38.540	ng	100
88) Benzo(b)fluoranthene	15.342	252	1159368	45.154	ng	99
89) Benzo(k)fluoranthene	15.377	252	1148114	44.953	ng	99
90) Benzo(a)pyrene	15.742	252	1002666	41.580	ng	99
91) Dibenzo(a,h)anthracene	17.453	278	899573	38.422	ng	99
92) Benzo(g,h,i)perylene	17.930	276	870201	37.734	ng	98

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

Manual Integrations

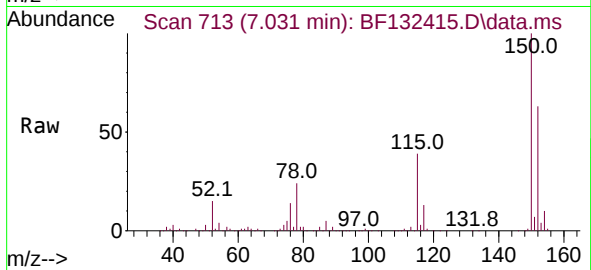
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

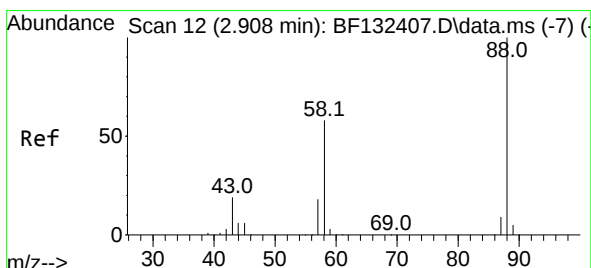
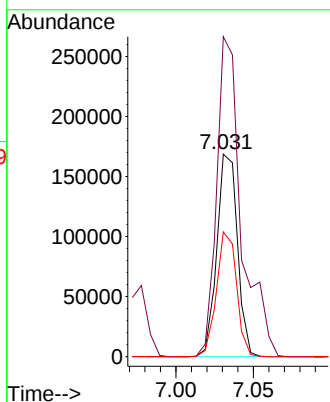
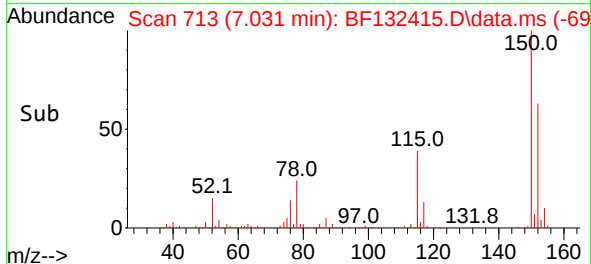
Instrument :
BNA_F
Client Sample Id :
PB150790BS



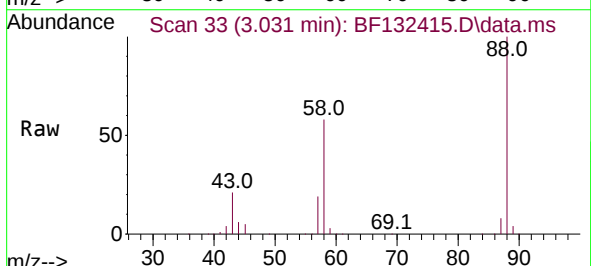
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Ion Ratio Lower Upper
152 100
150 158.0 124.4 186.6
115 61.6 50.6 75.8

Manual Integrations
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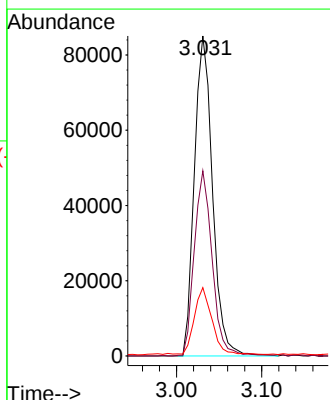
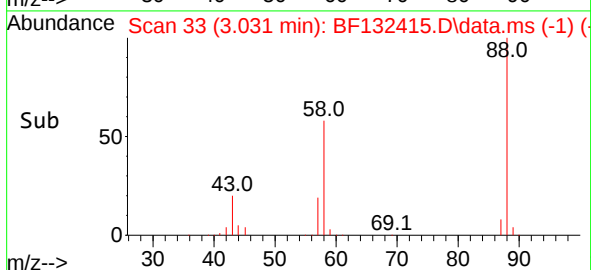
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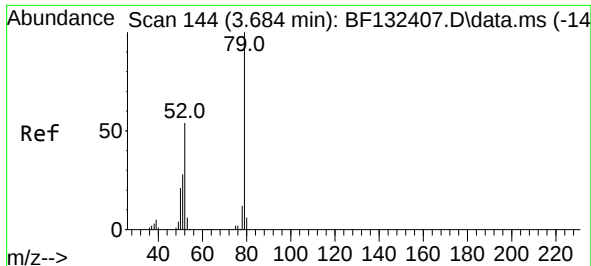


#2
1,4-Dioxane
Concen: 20.003 ng
RT: 3.031 min Scan# 33
Delta R.T. 0.123 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



Tgt Ion: 88 Resp: 125775
Ion Ratio Lower Upper
88 100
58 57.1 45.7 68.5
43 20.0 15.0 22.4





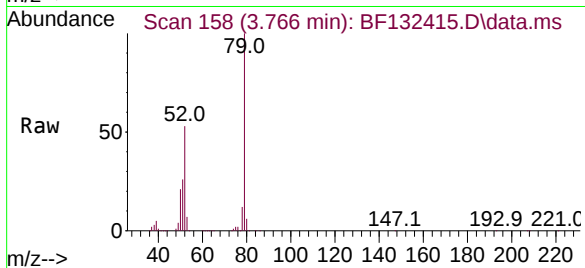
#3
Pyridine
Concen: 41.583 ng
RT: 3.766 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Instrument :

BNA_F

ClientSampleId :

PB150790BS

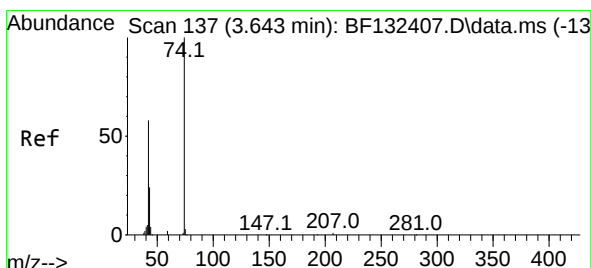
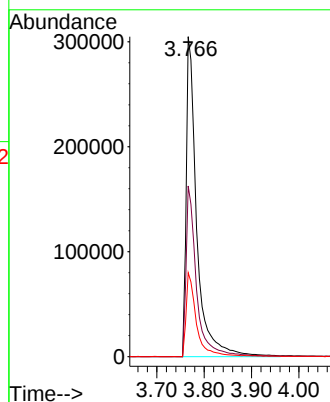
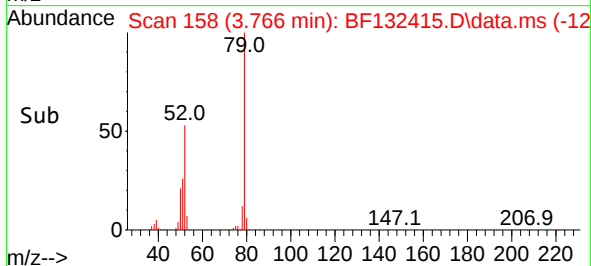


Tgt Ion: 79 Resp: 47311
Ion Ratio Lower Upper
79 100
52 53.3 43.3 64.9
51 26.2 22.1 33.1

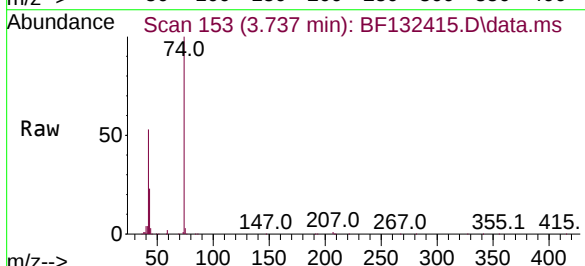
Manual Integrations

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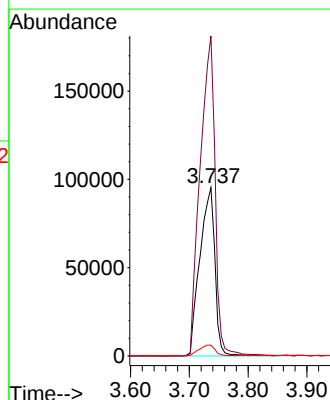
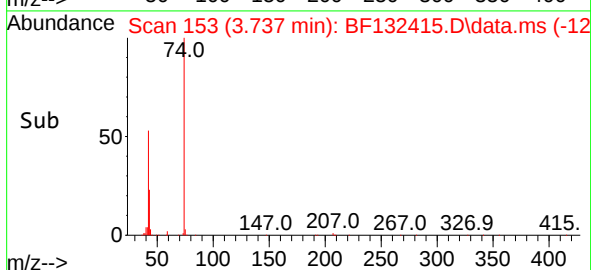
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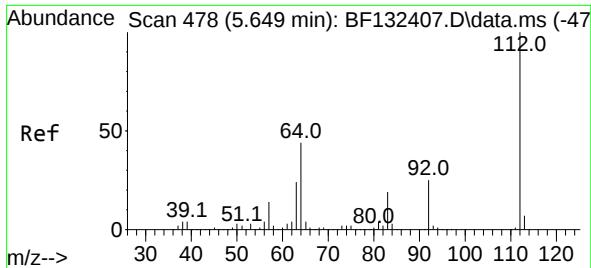


#4
n-Nitrosodimethylamine
Concen: 45.781 ng
RT: 3.737 min Scan# 153
Delta R.T. 0.094 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



Tgt Ion: 42 Resp: 170078
Ion Ratio Lower Upper
42 100
74 190.3 137.8 206.6
44 6.4 5.8 8.6





#5
2-Fluorophenol
Concen: 133.743 ng
RT: 5.672 min Scan# 481
Delta R.T. 0.023 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Instrument :

BNA_F

ClientSampleId :

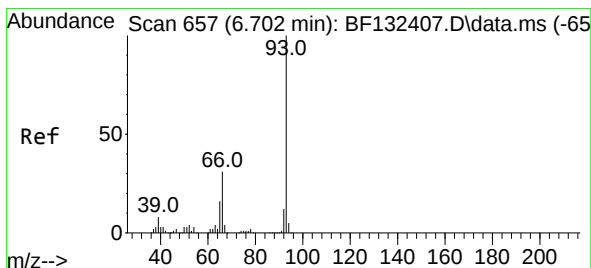
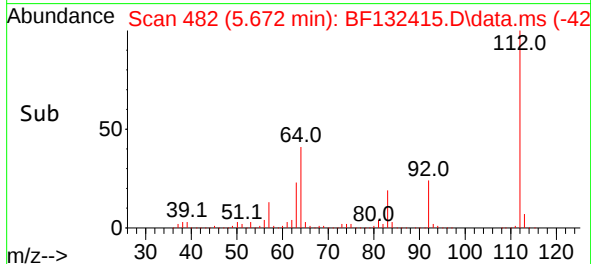
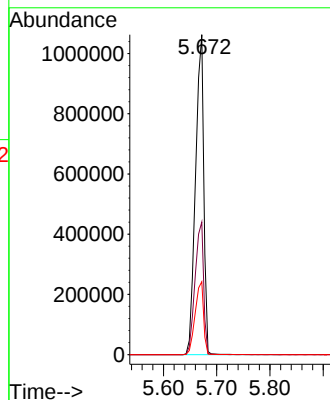
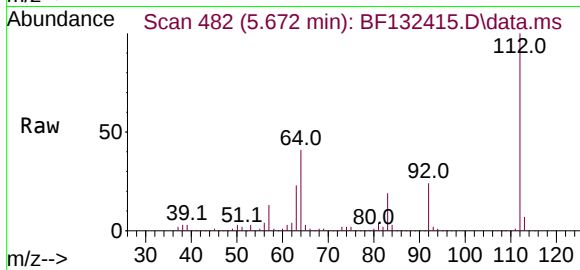
PB150790BS

Tgt Ion:112 Resp: 1144503
Ion Ratio Lower Upper
112 100
64 41.4 34.8 52.2
63 22.8 19.3 28.9

Manual Integrations

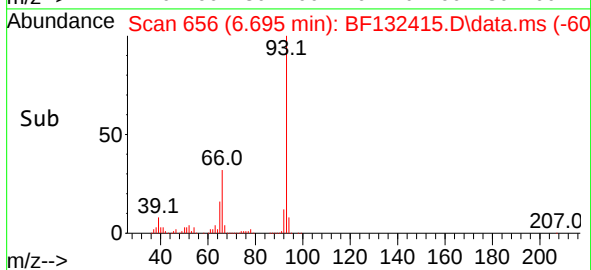
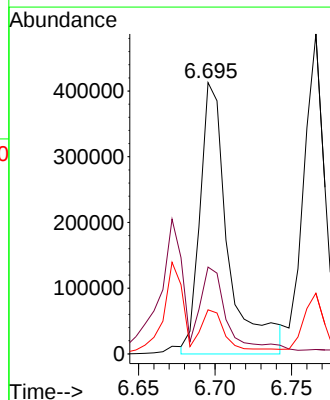
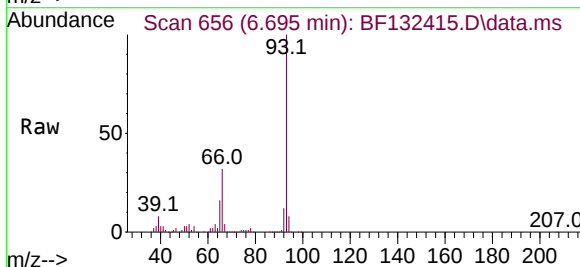
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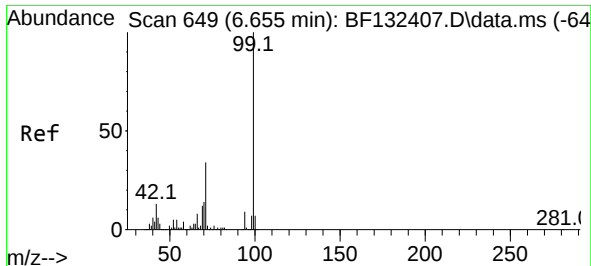
Reviewed By :Christian Giraldo 02/14/2023
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#6
Aniline
Concen: 45.886 ng m
RT: 6.695 min Scan# 656
Delta R.T. -0.007 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

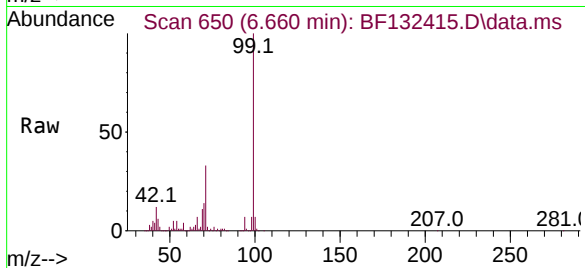
Tgt Ion: 93 Resp: 532032
Ion Ratio Lower Upper
93 100
66 32.0 25.7 38.5
65 16.3 13.1 19.7





#7
Phenol-d6
Concen: 126.848 ng
RT: 6.660 min Scan# 649
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

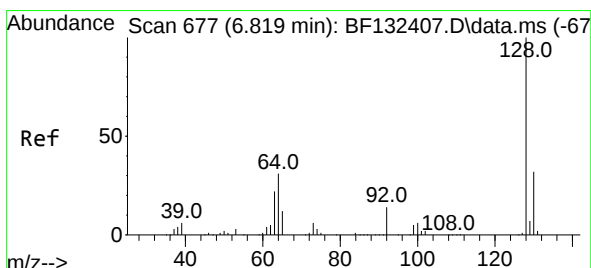
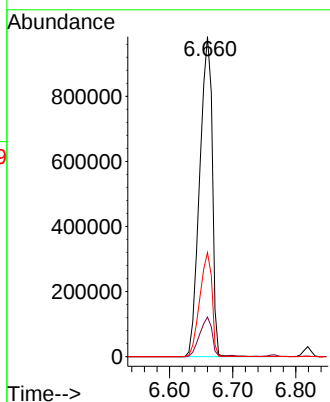
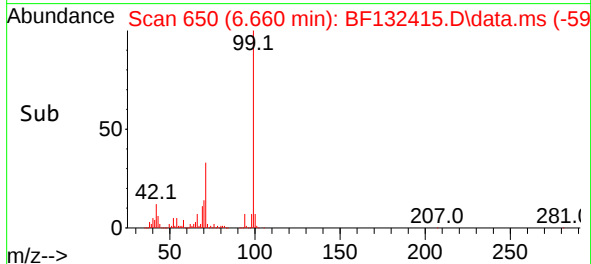
Instrument :
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Tgt Ion: 99 Resp: 135285
Ion Ratio Lower Upper
99 100
42 12.4 10.1 15.1
71 32.5 26.8 40.2

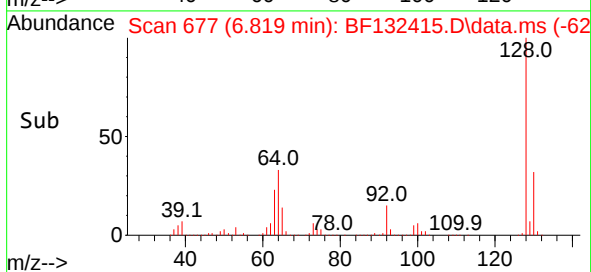
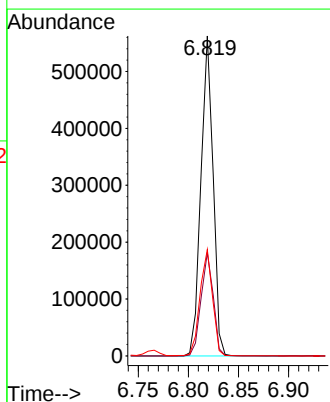
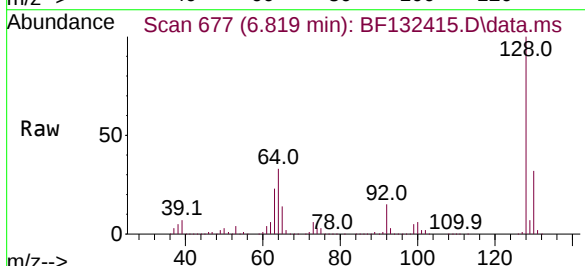
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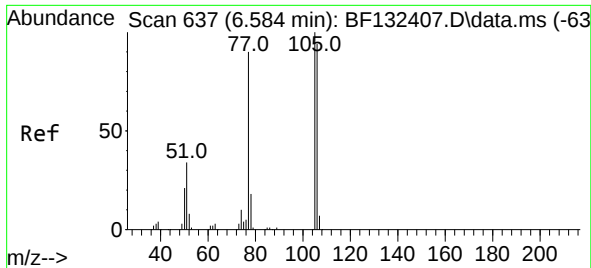
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#8
2-Chlorophenol
Concen: 46.124 ng
RT: 6.819 min Scan# 677
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

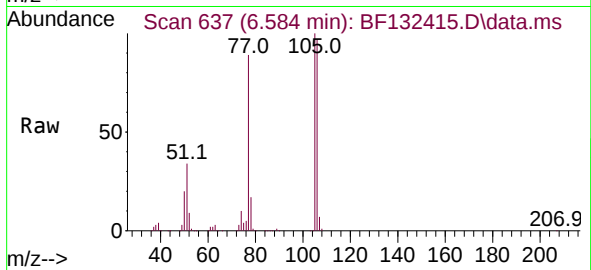
Tgt Ion:128 Resp: 472417
Ion Ratio Lower Upper
128 100
130 32.3 12.0 52.0
64 33.2 12.3 52.3





#9
Benzaldehyde
Concen: 52.924 ng
RT: 6.584 min Scan# 637
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

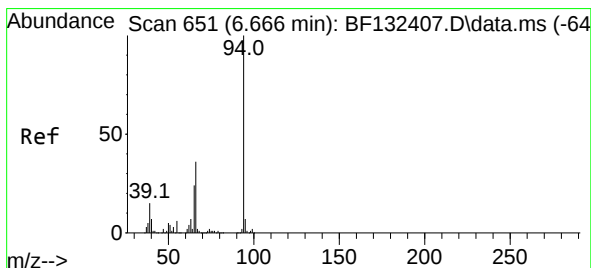
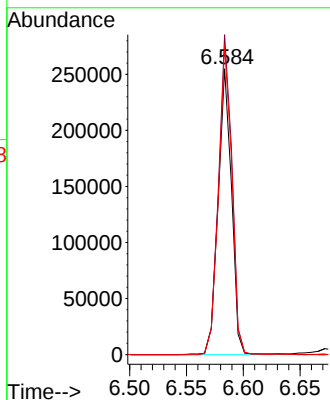
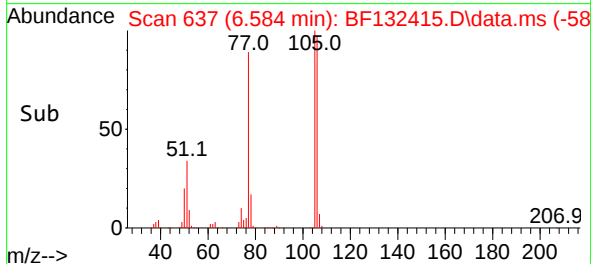
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 207560
Ion Ratio Lower Upper
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105 112.0 91.1 131.1
106 108.4 84.2 124.2

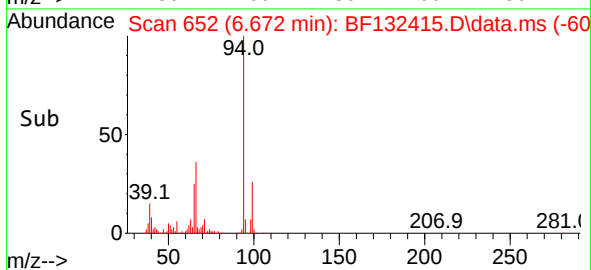
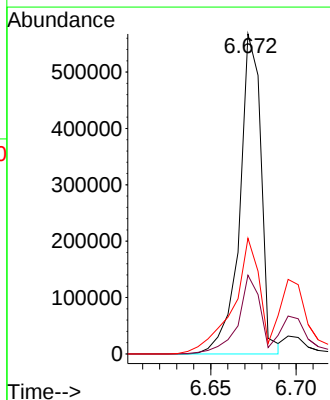
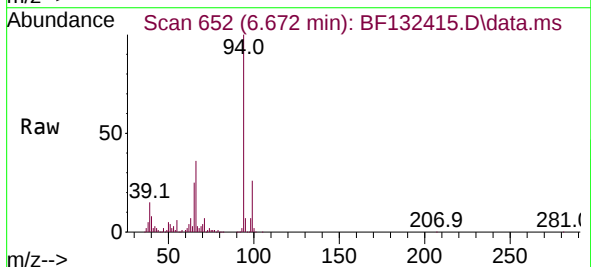
Manual Integrations
APPROVED

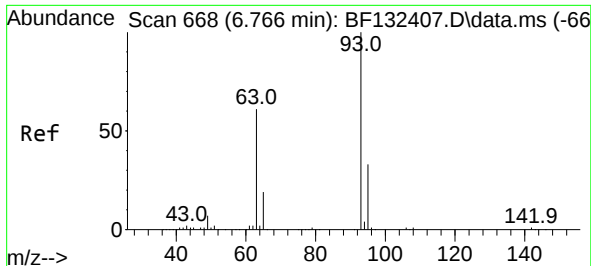
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#10
Phenol
Concen: 45.382 ng
RT: 6.672 min Scan# 652
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Tgt Ion: 94 Resp: 493793
Ion Ratio Lower Upper
94 100
65 24.6 4.3 44.3
66 36.1 16.2 56.2





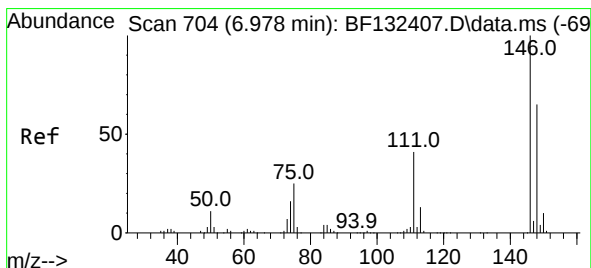
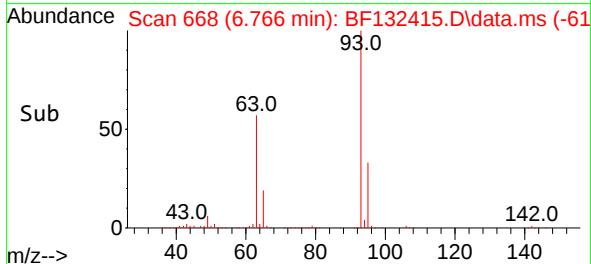
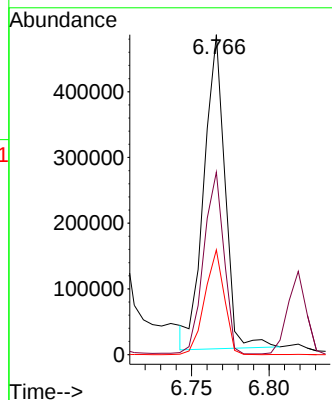
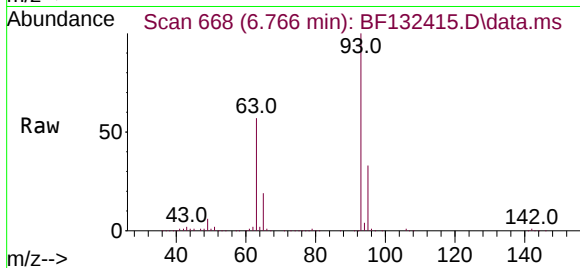
#11
bis(2-Chloroethyl)ether
Concen: 41.091 ng
RT: 6.766 min Scan# 60
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Instrument :
BNA_F
ClientSampleId :
PB150790BS

Tgt Ion: 93 Resp: 449246
Ion Ratio Lower Upper
93 100
63 57.0 37.9 77.9
95 32.7 11.7 51.7

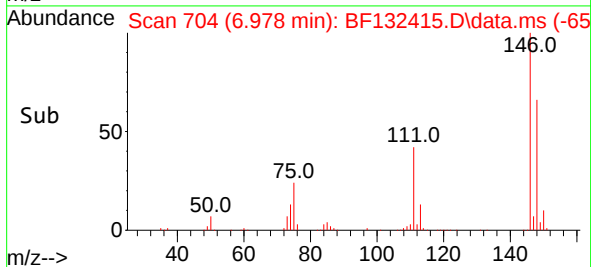
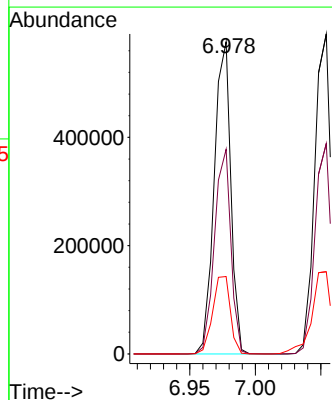
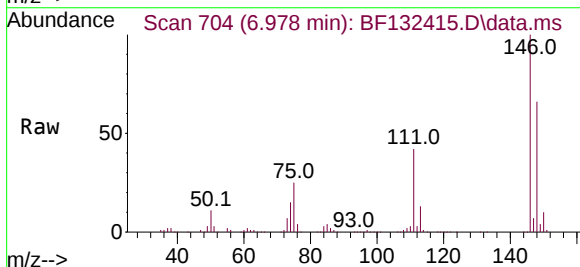
Manual Integrations
APPROVED

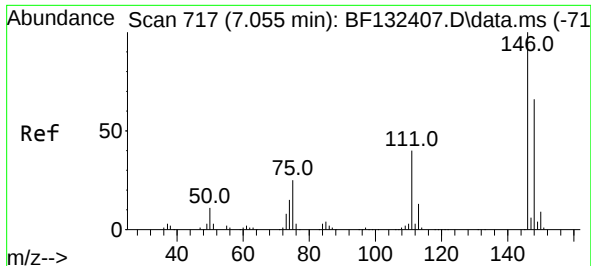
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#12
1,3-Dichlorobenzene
Concen: 45.131 ng
RT: 6.978 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

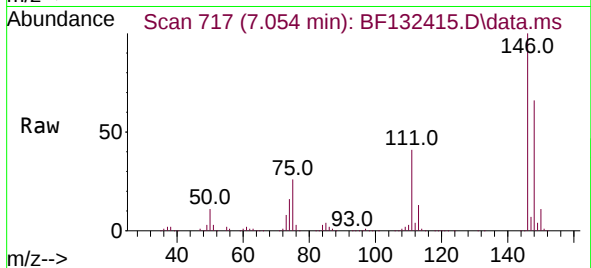
Tgt Ion:146 Resp: 506716
Ion Ratio Lower Upper
146 100
148 65.6 52.2 78.4
75 24.8 20.0 30.0





#13
1,4-Dichlorobenzene
Concen: 45.171 ng
RT: 7.054 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

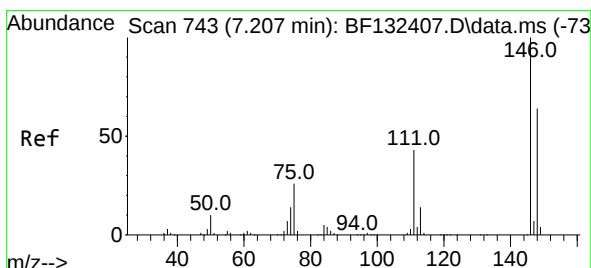
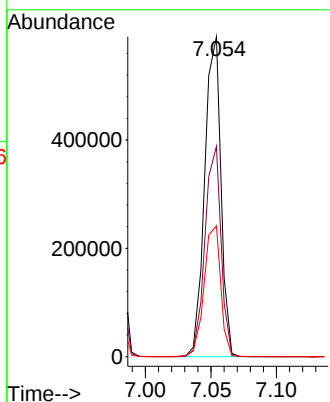
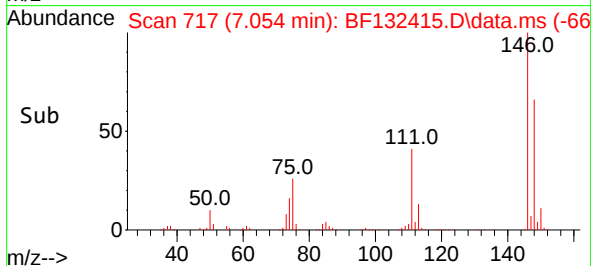
Instrument :
BNA_F
ClientSampleId :
PB150790BS



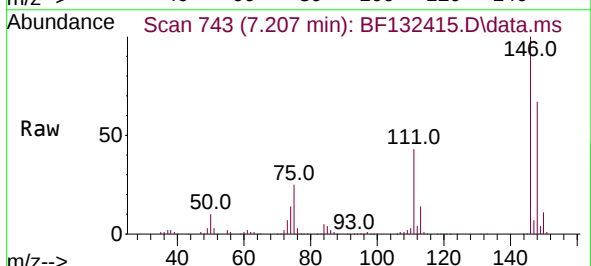
Tgt Ion:146 Resp: 50904
Ion Ratio Lower Upper
146 100
148 65.7 52.4 78.6
111 40.9 32.2 48.2

Manual Integrations
APPROVED

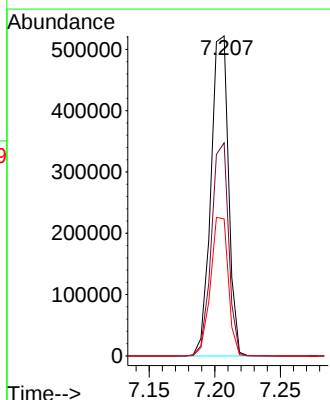
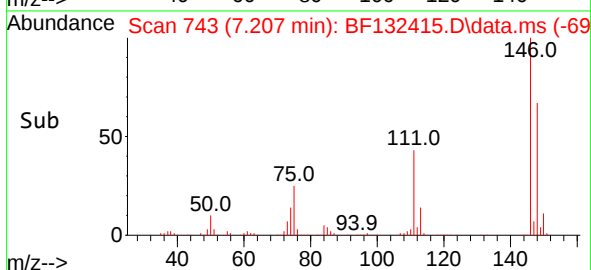
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

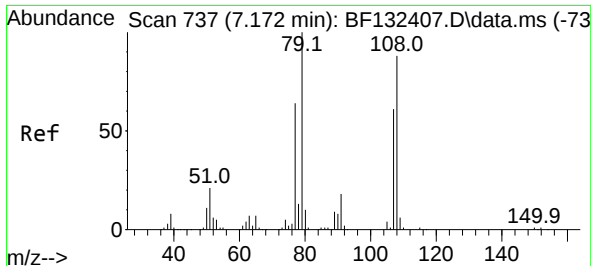


#14
1,2-Dichlorobenzene
Concen: 46.227 ng
RT: 7.207 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



Tgt Ion:146 Resp: 489836
Ion Ratio Lower Upper
146 100
148 66.6 51.2 76.8
111 42.8 34.2 51.4





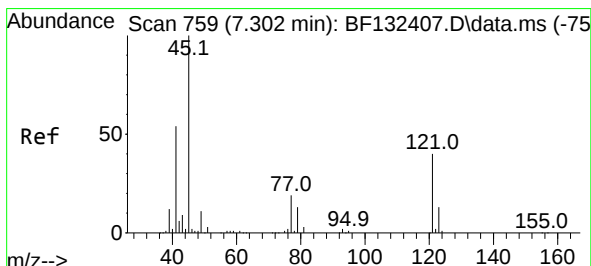
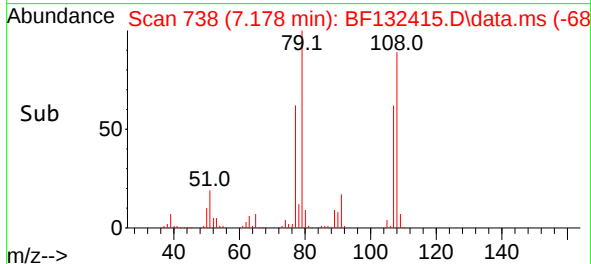
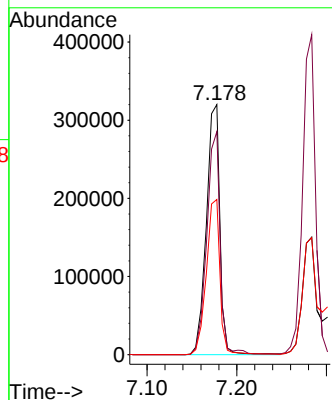
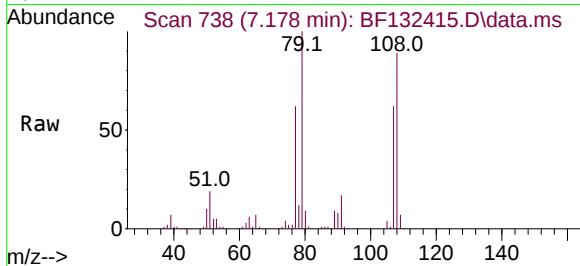
#15
Benzyl Alcohol
Concen: 52.593 ng
RT: 7.178 min Scan# 737
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Instrument :
BNA_F
ClientSampleId :
PB150790BS

Tgt Ion: 79 Resp: 334735
Ion Ratio Lower Upper
79 100
108 89.2 70.2 105.2
77 62.0 51.1 76.7

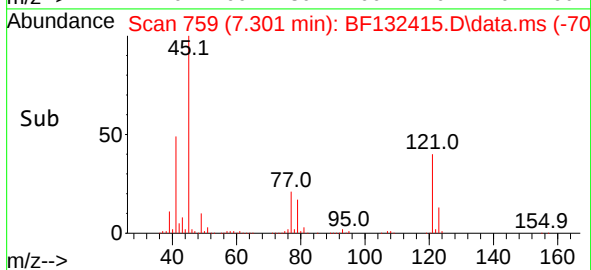
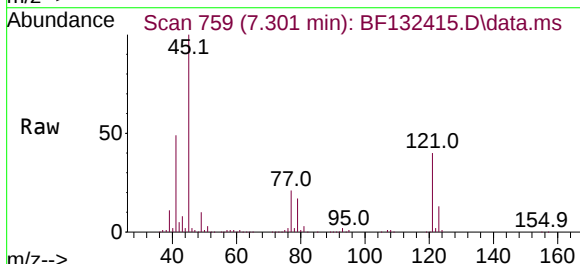
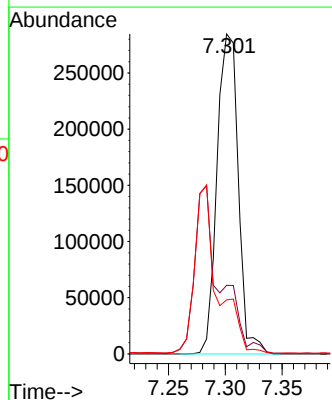
Manual Integrations
APPROVED

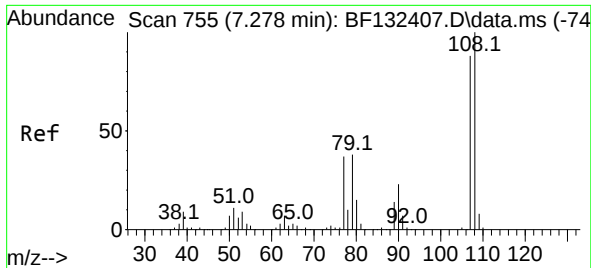
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.683 ng
RT: 7.301 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

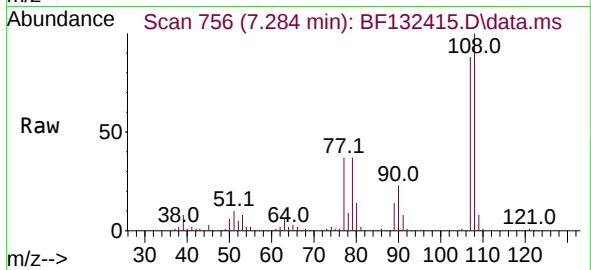
Tgt Ion: 45 Resp: 370574
Ion Ratio Lower Upper
45 100
77 21.4 1.3 41.3
79 16.9 0.0 35.9





#17
2-Methylphenol
Concen: 38.410 ng
RT: 7.284 min Scan# 755
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

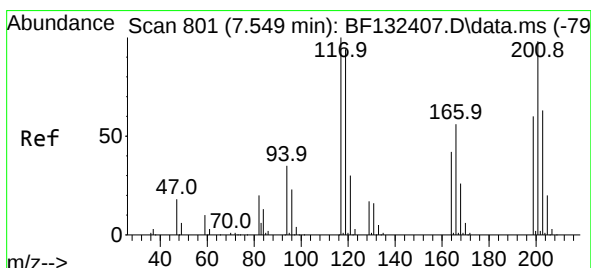
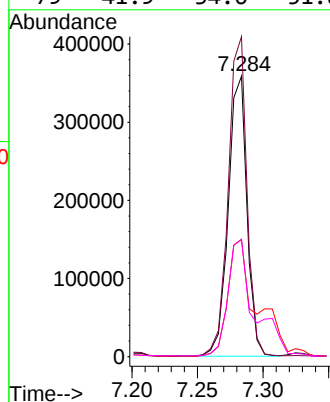
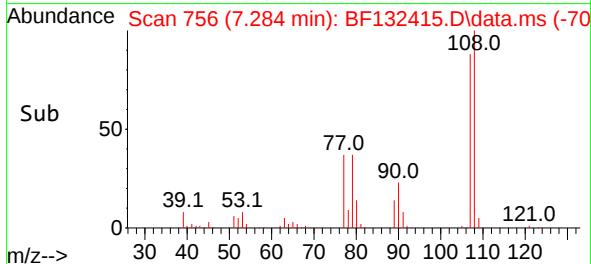
Instrument :
BNA_F
ClientSampleId :
PB150790BS



Tgt Ion:107 Resp: 354917
Ion Ratio Lower Upper
107 100
108 114.1 90.6 135.8
77 41.7 33.8 50.8
79 41.9 34.6 51.8

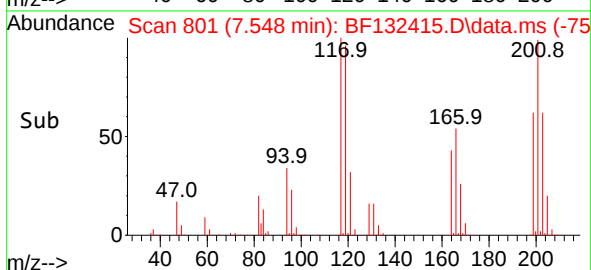
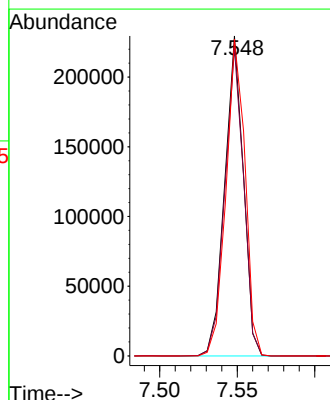
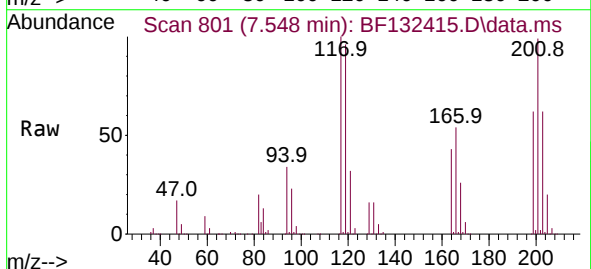
Manual Integrations
APPROVED

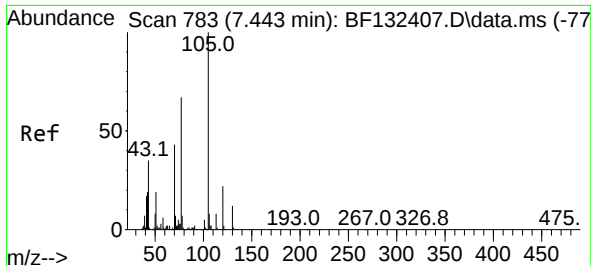
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#18
Hexachloroethane
Concen: 42.783 ng
RT: 7.548 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

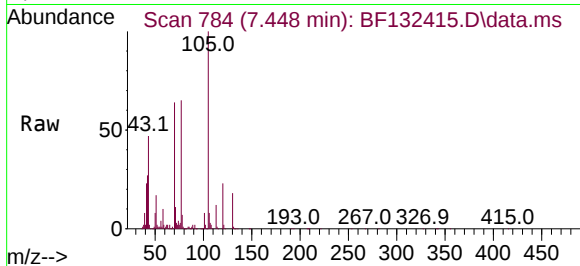
Tgt Ion:117 Resp: 191273
Ion Ratio Lower Upper
117 100
119 96.2 75.3 112.9
201 99.0 78.7 118.1





#19
n-Nitroso-di-n-propylamine
Concen: 39.787 ng
RT: 7.448 min Scan# 784
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

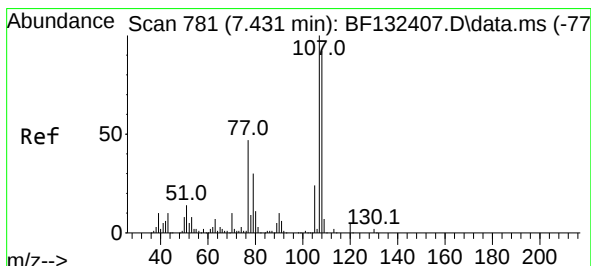
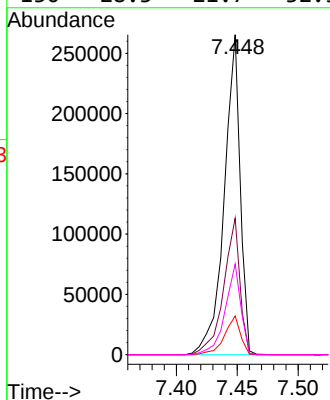
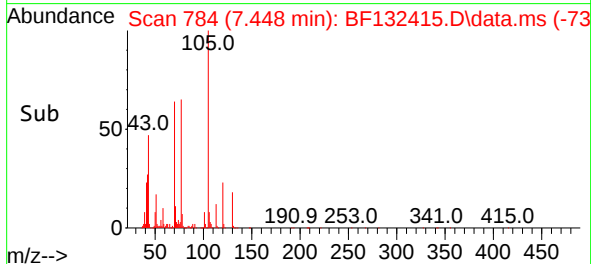
Instrument :
BNA_F
ClientSampleId :
PB150790BS



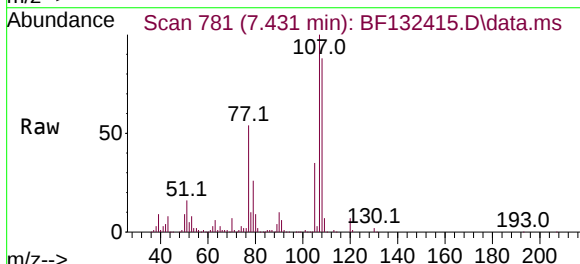
Tgt Ion: 70 Resp: 242137
Ion Ratio Lower Upper
70 100
42 42.6 36.0 54.0
101 12.1 9.4 14.2
130 28.3 21.7 32.5

Manual Integrations
APPROVED

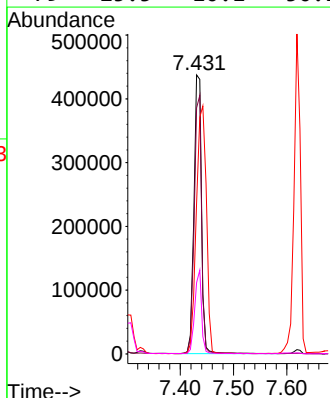
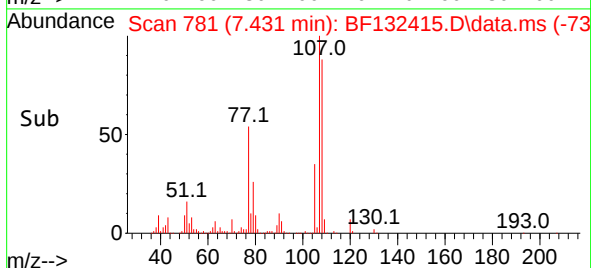
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

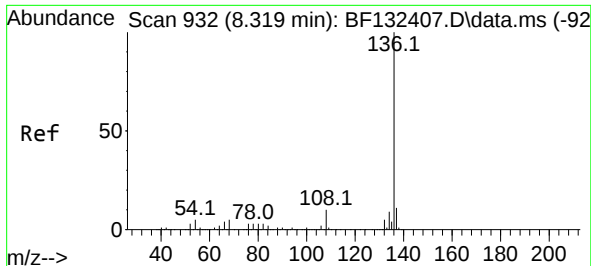


#20
3+4-Methylphenols
Concen: 37.167 ng
RT: 7.431 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



Tgt Ion:107 Resp: 431514
Ion Ratio Lower Upper
107 100
108 88.2 72.0 112.0
77 54.2 27.4 67.4
79 25.5 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 932
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Instrument :

BNA_F

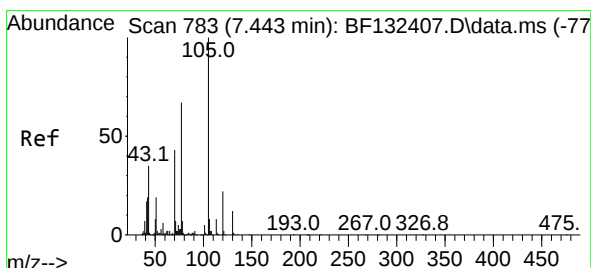
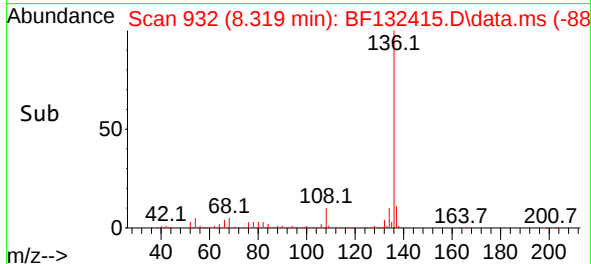
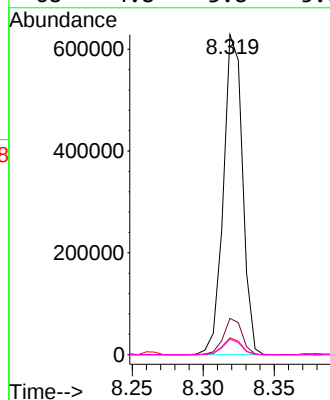
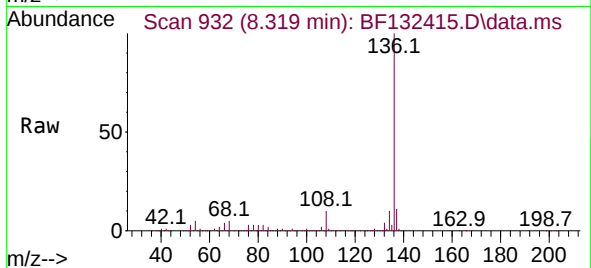
ClientSampleId :

PB150790BS

Tgt Ion:136 Resp: 590476
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 5.3 4.2 6.2
68 4.8 3.8 5.6

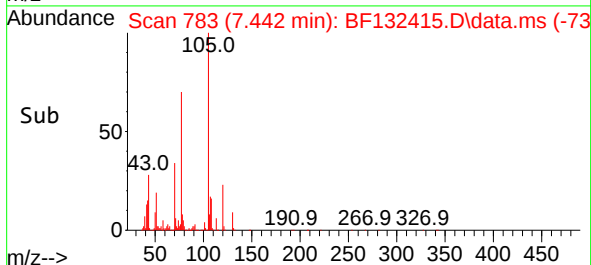
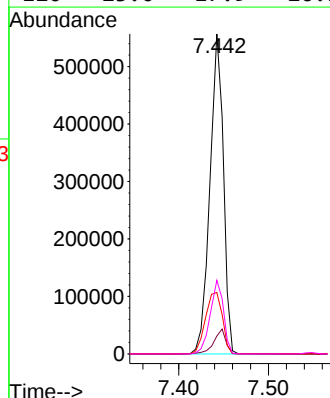
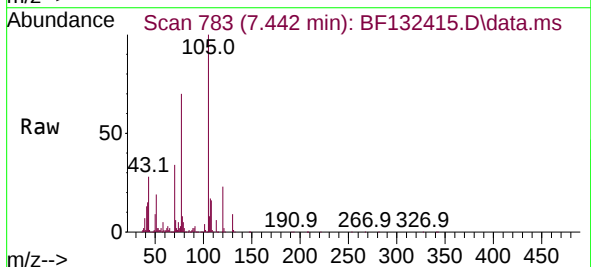
Manual Integrations
APPROVED

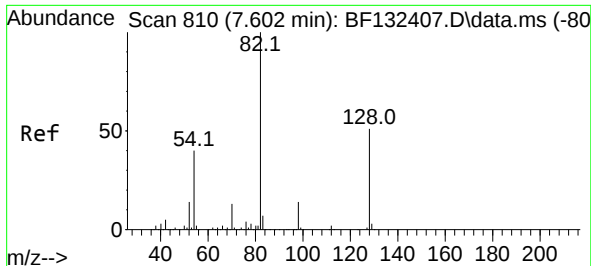
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#22
Acetophenone
Concen: 42.427 ng
RT: 7.442 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

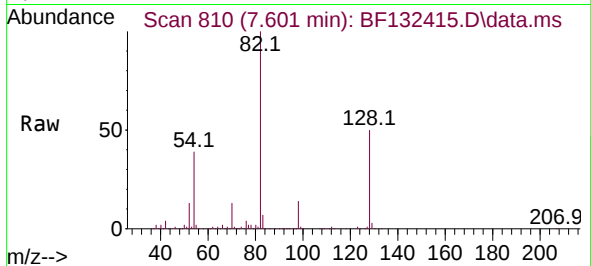
Tgt Ion:105 Resp: 584011
Ion Ratio Lower Upper
105 100
71 5.6 5.4 8.2
51 19.2 14.9 22.3
120 23.0 17.9 26.9





#23
Nitrobenzene-d5
Concen: 83.219 ng
RT: 7.601 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

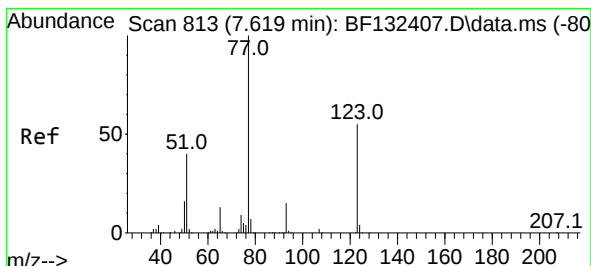
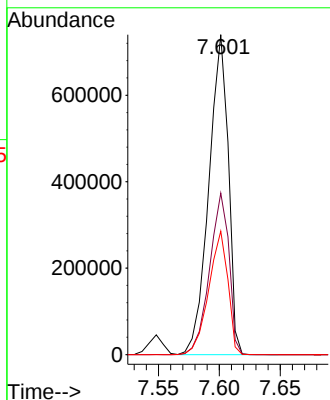
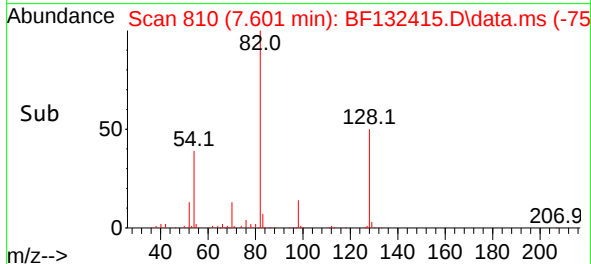
Instrument :
BNA_F
ClientSampleId :
PB150790BS



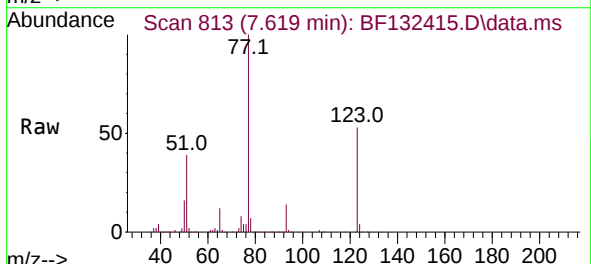
Tgt Ion: 82 Resp: 823710
Ion Ratio Lower Upper
82 100
128 50.5 40.7 61.1
54 38.6 32.3 48.5

Manual Integrations
APPROVED

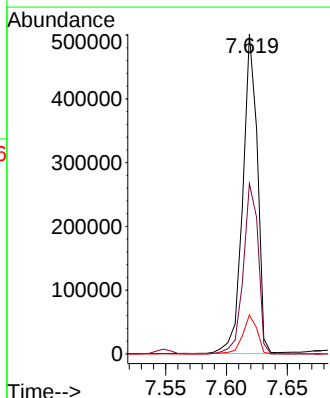
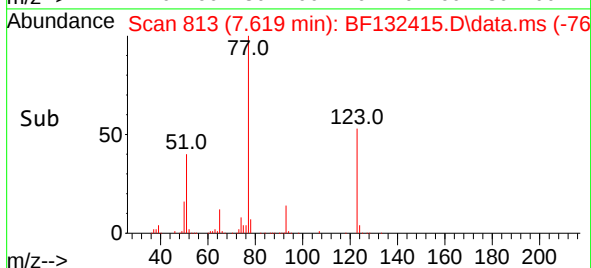
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

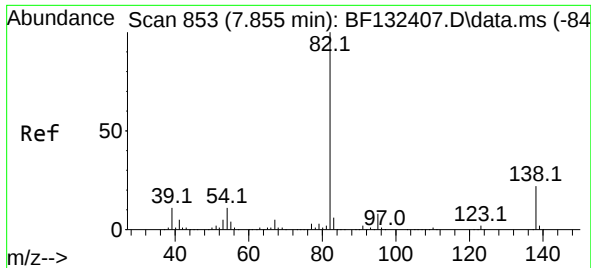


#24
Nitrobenzene
Concen: 42.248 ng
RT: 7.619 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



Tgt Ion: 77 Resp: 416177
Ion Ratio Lower Upper
77 100
123 53.2 43.6 65.4
65 12.2 10.3 15.5





#25
Isophorone
Concen: 43.847 ng
RT: 7.854 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Instrument :

BNA_F

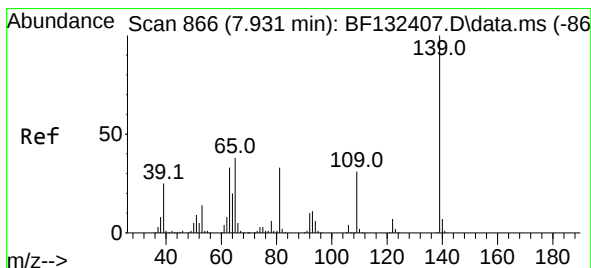
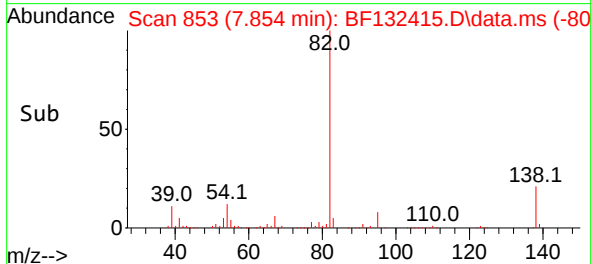
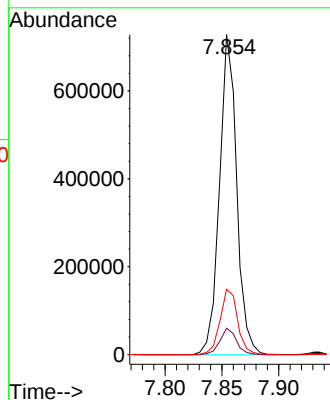
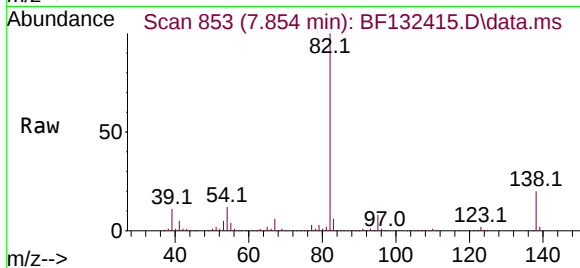
ClientSampleId :

PB150790BS

Tgt Ion: 82 Resp: 764601
Ion Ratio Lower Upper
82 100
95 8.3 6.6 9.8
138 20.4 17.2 25.8

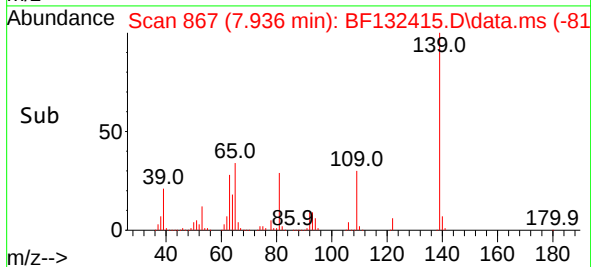
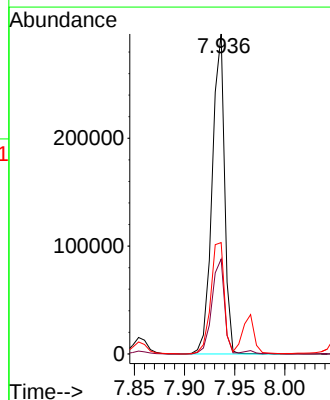
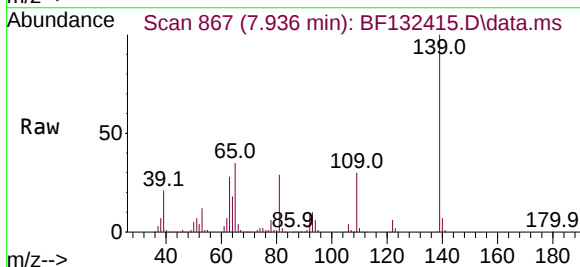
Manual Integrations
APPROVED

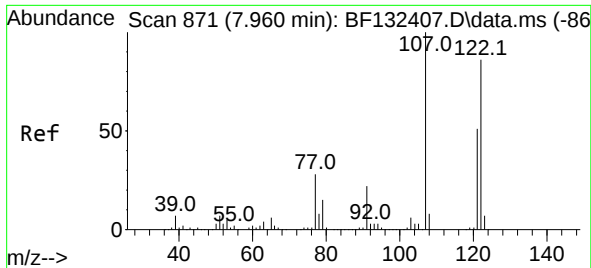
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#26
2-Nitrophenol
Concen: 46.913 ng
RT: 7.936 min Scan# 867
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Tgt Ion:139 Resp: 253595
Ion Ratio Lower Upper
139 100
109 29.6 25.2 37.8
65 34.8 30.6 45.8





#27
2,4-Dimethylphenol
Concen: 45.729 ng
RT: 7.966 min Scan# 871
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Instrument :

BNA_F

ClientSampleId :

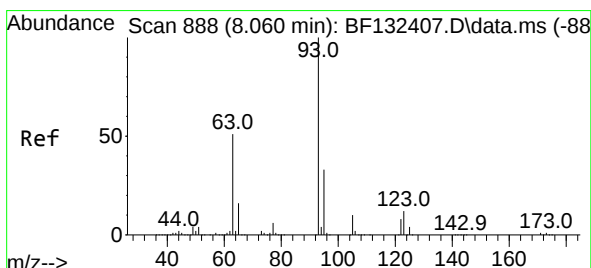
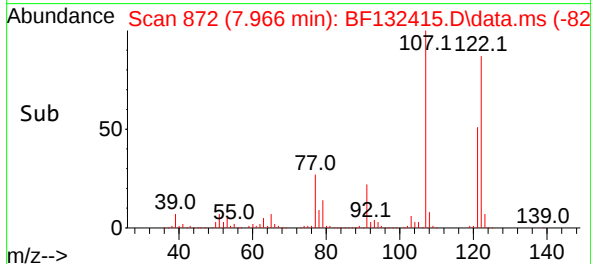
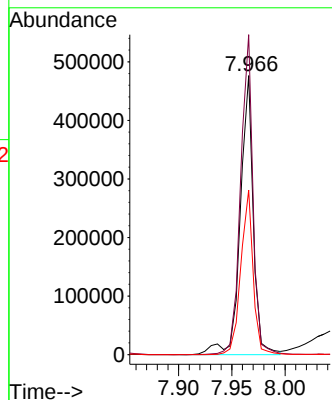
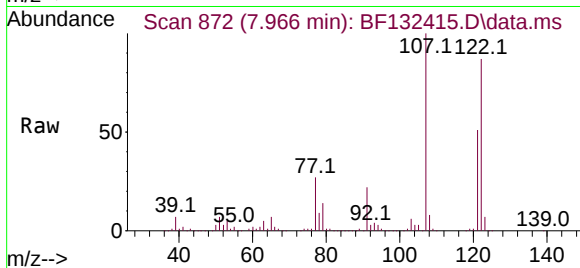
PB150790BS

Tgt Ion:122 Resp: 403031
Ion Ratio Lower Upper
122 100
107 114.7 93.2 139.8
121 59.0 47.4 71.0

Manual Integrations

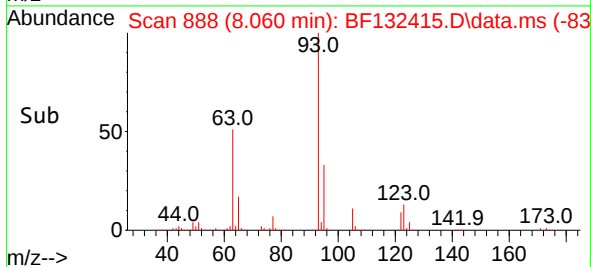
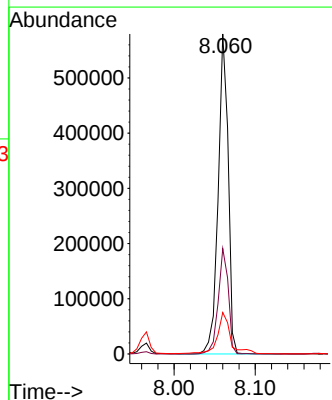
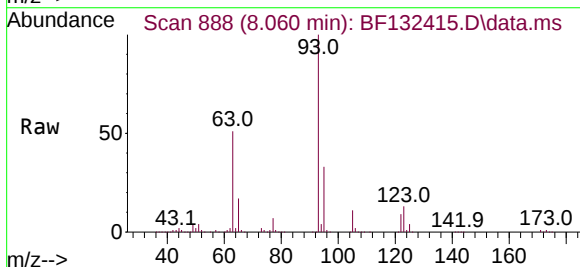
APPROVED

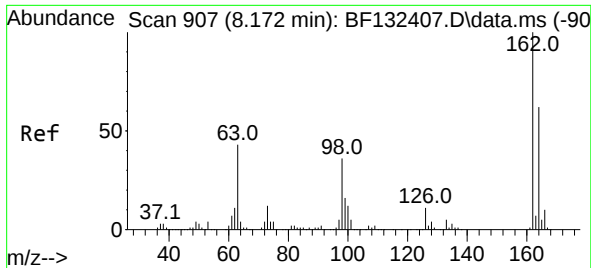
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.004 ng
RT: 8.060 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

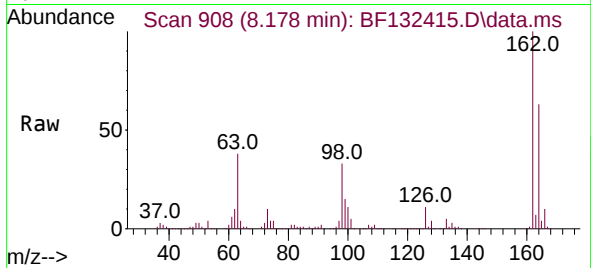
Tgt Ion: 93 Resp: 495961
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.2
123 12.9 10.0 15.0





#29
2,4-Dichlorophenol
Concen: 43.752 ng
RT: 8.178 min Scan# 907
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

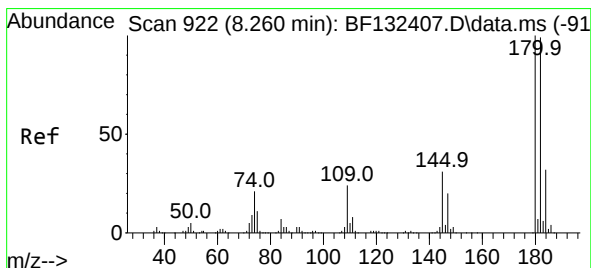
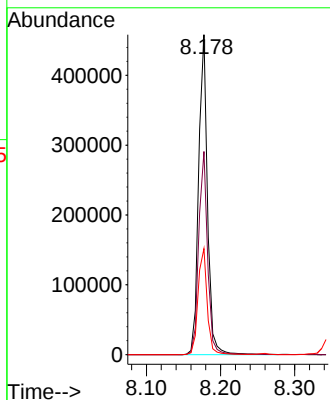
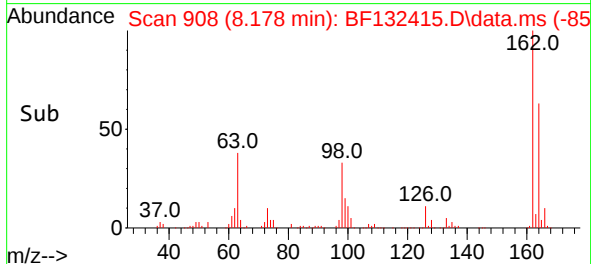
Instrument :
BNA_F
ClientSampleId :
PB150790BS



Tgt Ion:162 Resp: 38155
Ion Ratio Lower Upper
162 100
164 63.5 42.4 82.4
98 33.1 16.4 56.4

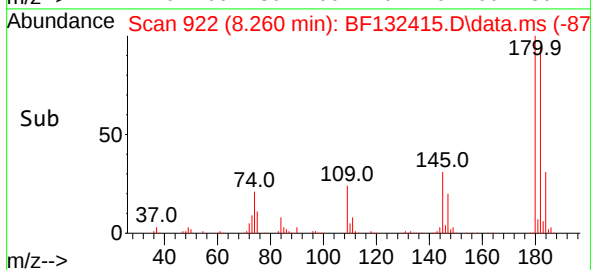
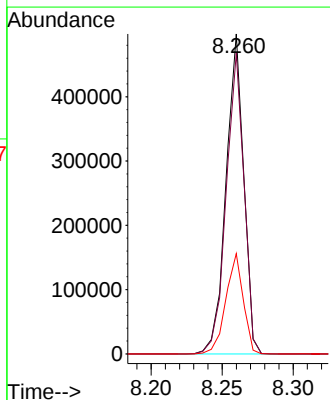
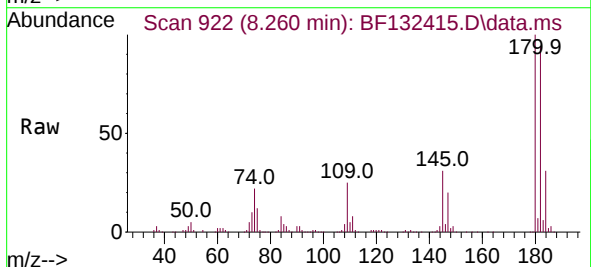
Manual Integrations
APPROVED

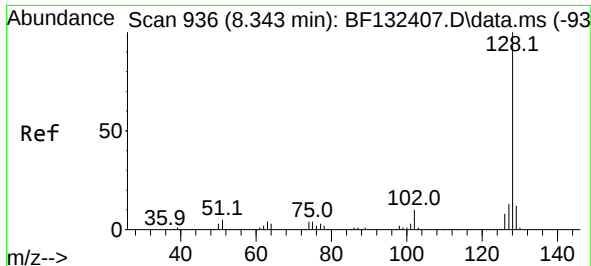
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#30
1,2,4-Trichlorobenzene
Concen: 43.501 ng
RT: 8.260 min Scan# 922
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

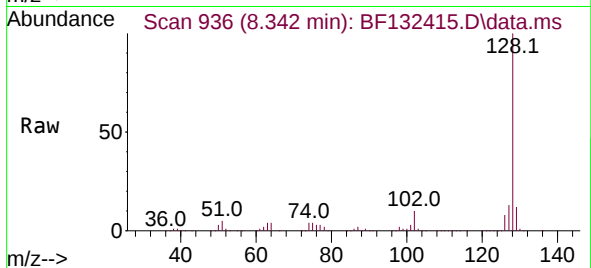
Tgt Ion:180 Resp: 430852
Ion Ratio Lower Upper
180 100
182 94.0 79.0 118.6
145 31.3 24.9 37.3





#31
Naphthalene
Concen: 40.545 ng
RT: 8.342 min Scan# 936
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

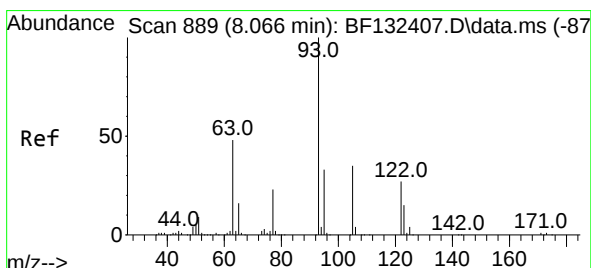
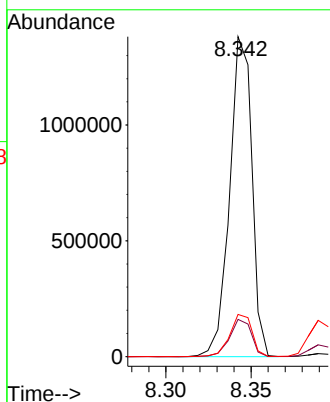
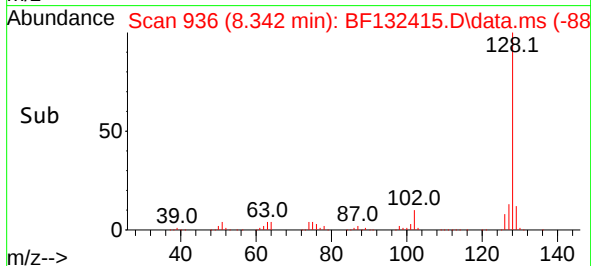
Instrument :
BNA_F
ClientSampleId :
PB150790BS



Tgt Ion:128 Resp: 1254885
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.2 10.5 15.7

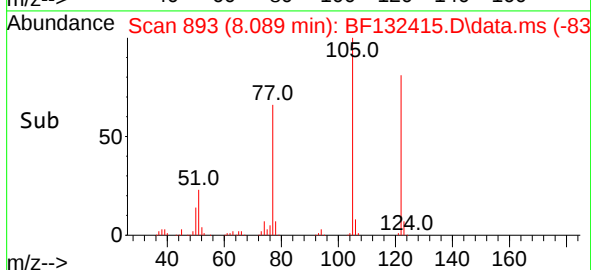
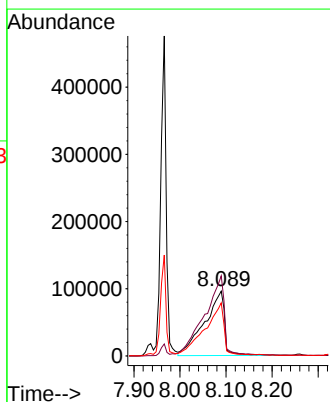
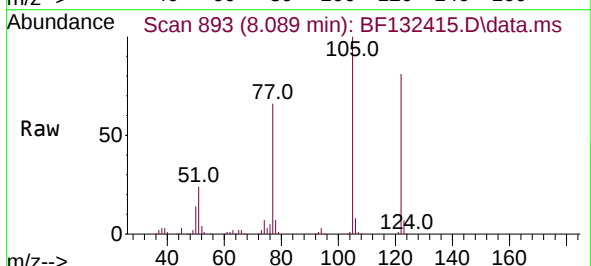
Manual Integrations
APPROVED

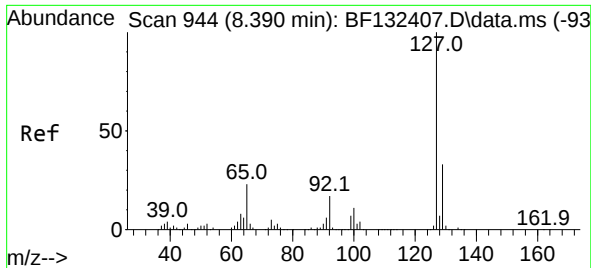
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#32
Benzoic acid
Concen: 63.391 ng
RT: 8.089 min Scan# 893
Delta R.T. 0.023 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Tgt Ion:122 Resp: 293204
Ion Ratio Lower Upper
122 100
105 123.6 101.9 141.9
77 81.9 61.1 101.1





#33
4-Chloroaniline
Concen: 29.287 ng
RT: 8.389 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Instrument :

BNA_F

ClientSampleId :

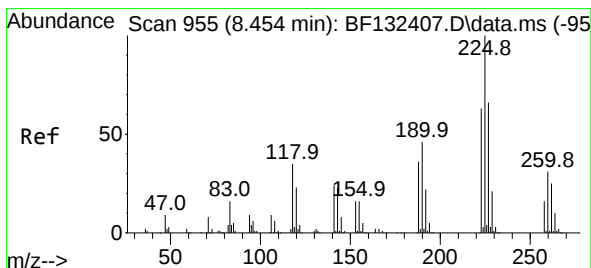
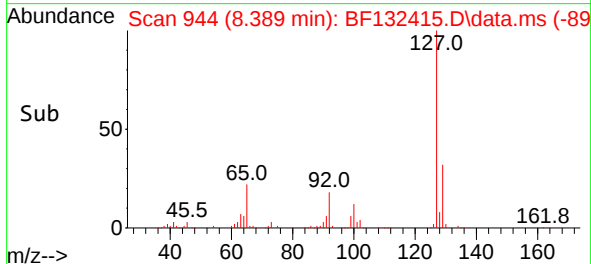
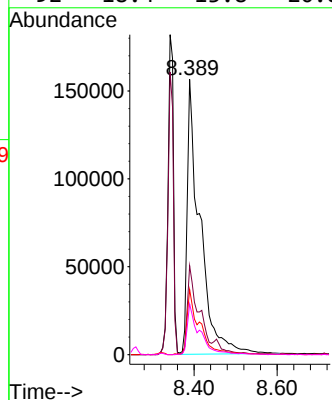
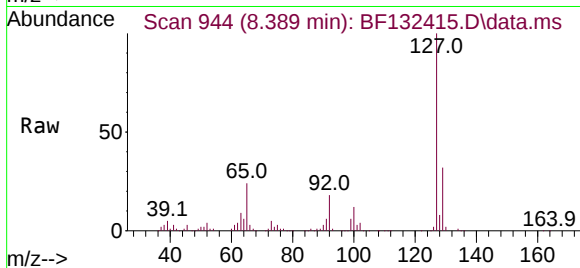
PB150790BS

Tgt Ion:127 Resp: 333249
Ion Ratio Lower Upper
127 100
129 32.3 26.3 39.5
65 23.6 18.0 27.0
92 18.4 13.8 20.8

Manual Integrations

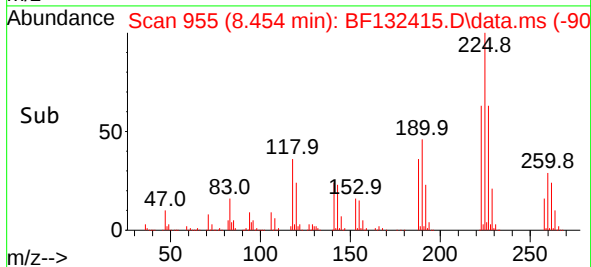
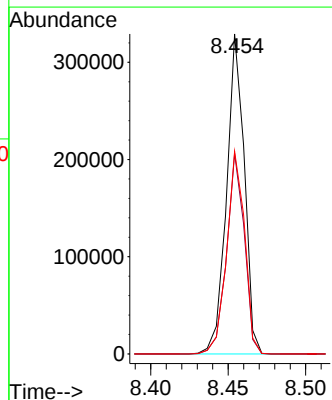
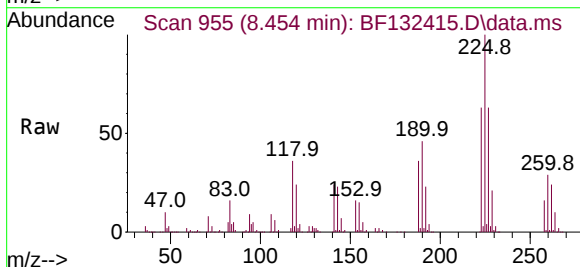
APPROVED

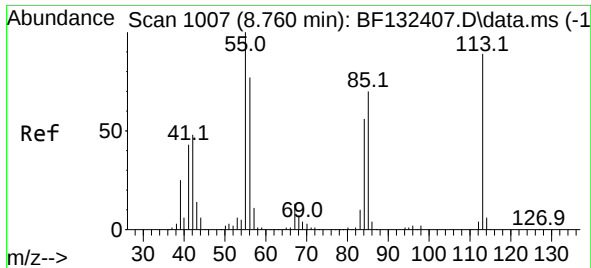
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#34
Hexachlorobutadiene
Concen: 41.624 ng
RT: 8.454 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Tgt Ion:225 Resp: 263179
Ion Ratio Lower Upper
225 100
223 62.6 50.2 75.4
227 63.3 53.0 79.4





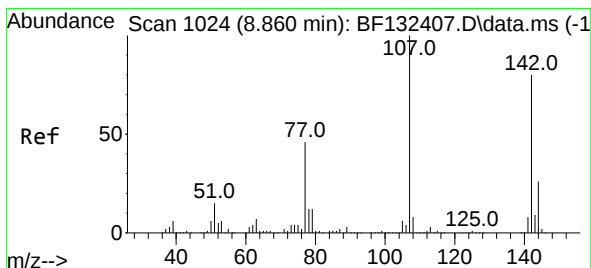
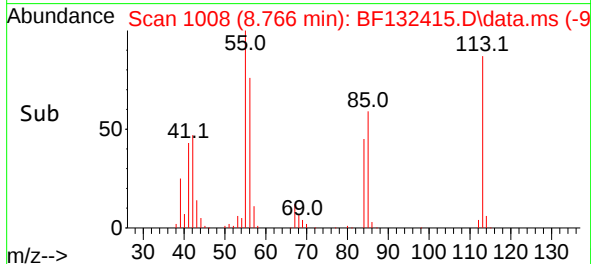
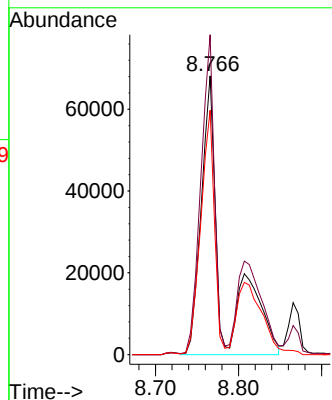
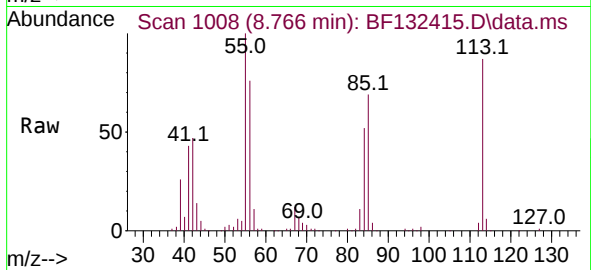
#35
Caprolactam
Concen: 45.470 ng m
RT: 8.766 min Scan# 1007
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Instrument :
BNA_F
ClientSampleId :
PB150790BS

Tgt Ion:113 Resp: 118802
Ion Ratio Lower Upper
113 100
55 114.8 92.5 132.5
56 87.6 66.6 106.6

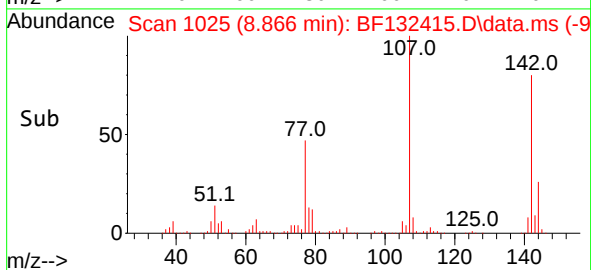
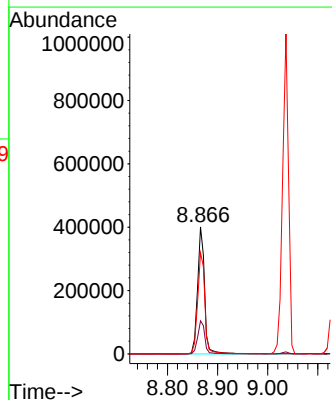
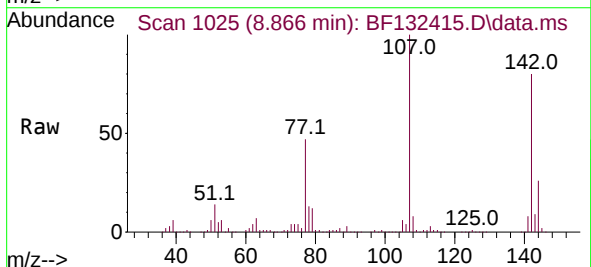
Manual Integrations
APPROVED

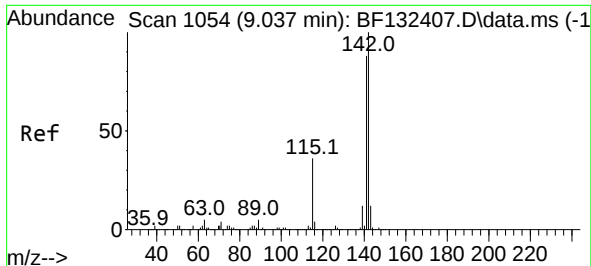
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#36
4-Chloro-3-methylphenol
Concen: 40.999 ng
RT: 8.866 min Scan# 1025
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Tgt Ion:107 Resp: 385308
Ion Ratio Lower Upper
107 100
144 26.0 20.8 31.2
142 79.6 63.9 95.9





#37
2-Methylnaphthalene
Concen: 34.513 ng
RT: 9.036 min Scan# 1054
Delta R.T. -0.001 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Instrument :

BNA_F

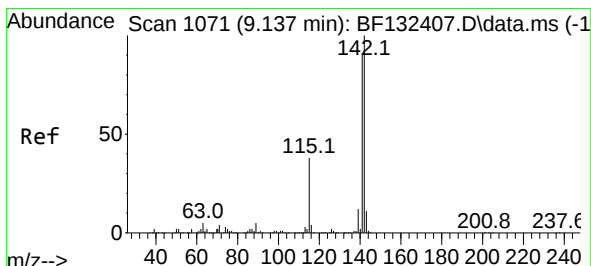
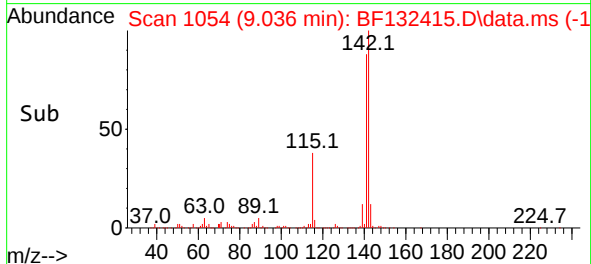
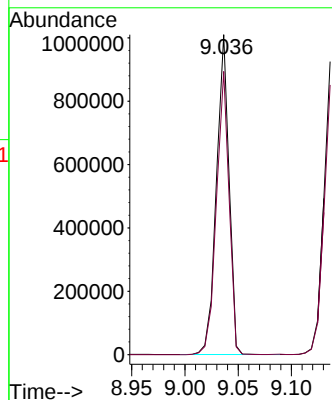
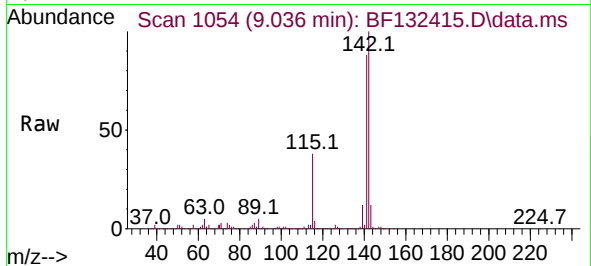
ClientSampleId :

PB150790BS

Tgt Ion:142 Resp: 833568
Ion Ratio Lower Upper
142 100
141 88.5 70.6 106.0

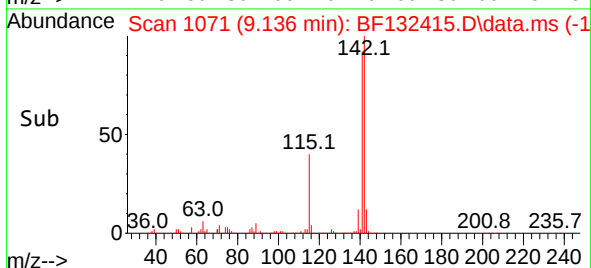
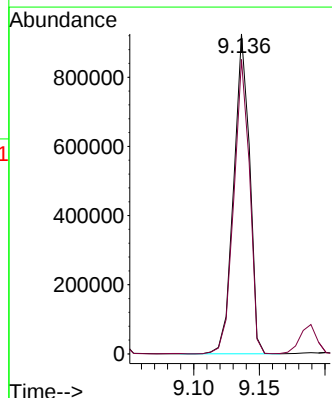
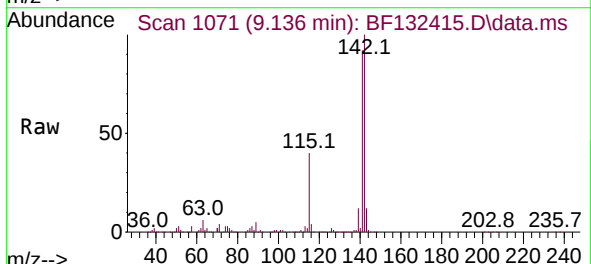
Manual Integrations
APPROVED

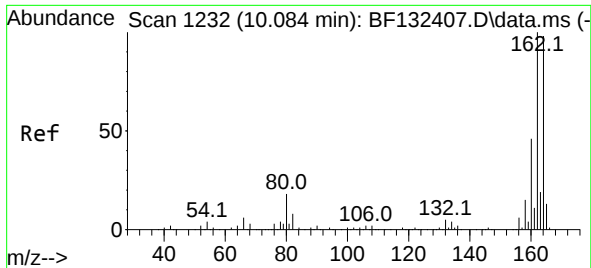
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#38
1-Methylnaphthalene
Concen: 34.132 ng
RT: 9.136 min Scan# 1071
Delta R.T. -0.001 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Tgt Ion:142 Resp: 778060
Ion Ratio Lower Upper
142 100
141 92.0 72.7 109.1





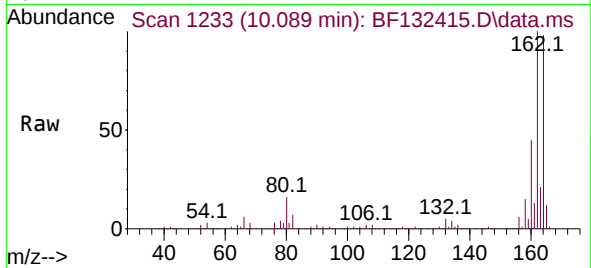
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.089 min Scan# 1233
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Instrument :

BNA_F

ClientSampleId :

PB150790BS

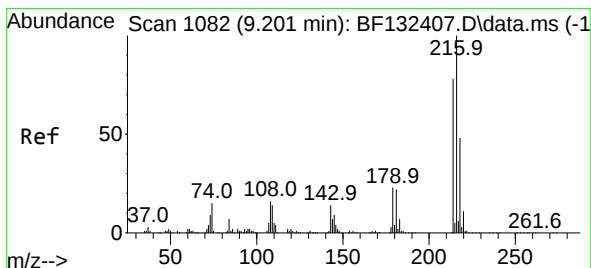
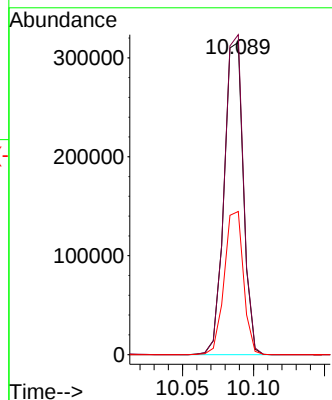
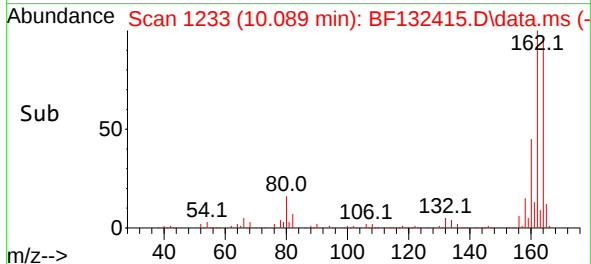


Tgt Ion:164 Resp: 297880
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 45.8 37.4 56.0

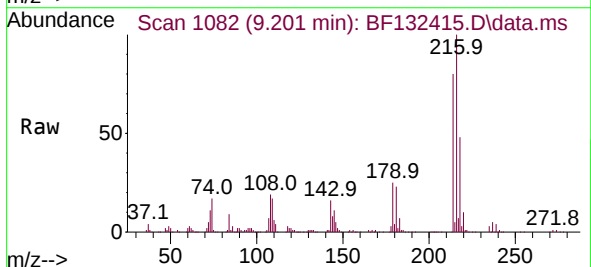
Manual Integrations

APPROVED

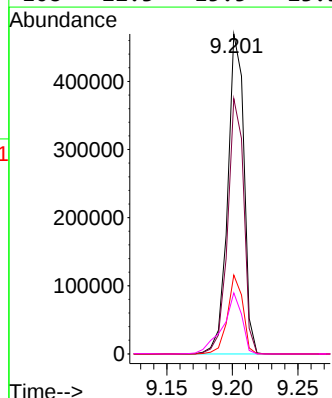
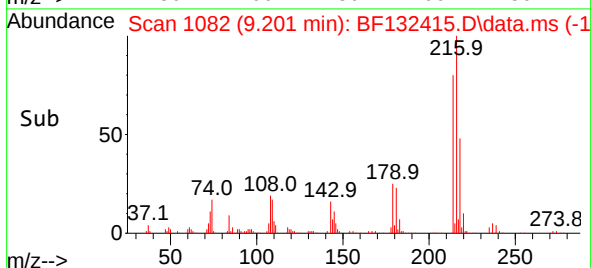
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

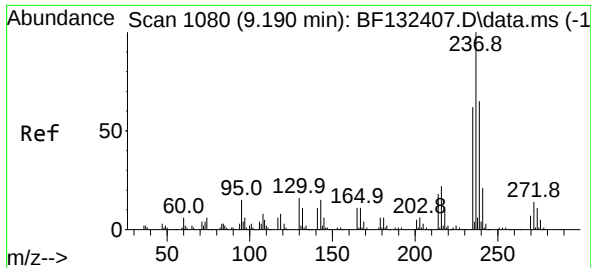


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.284 ng
RT: 9.201 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



Tgt Ion:216 Resp: 406766
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 23.2 18.1 27.1
108 22.3 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 104.722 ng
RT: 9.189 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Instrument :

BNA_F

ClientSampleId :

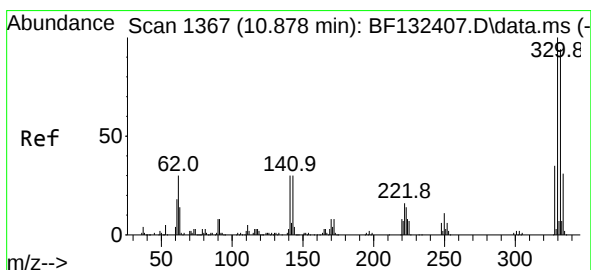
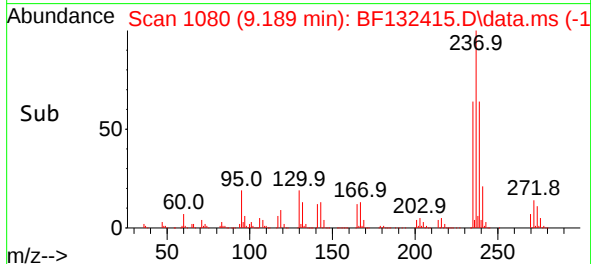
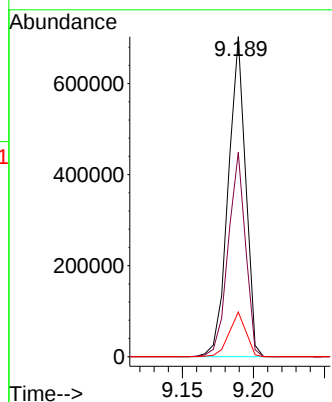
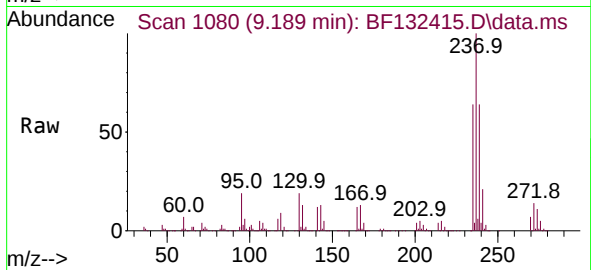
PB150790BS

Tgt Ion:237 Resp: 599180
Ion Ratio Lower Upper
237 100
235 63.8 42.4 82.4
272 13.9 0.0 33.8

Manual Integrations

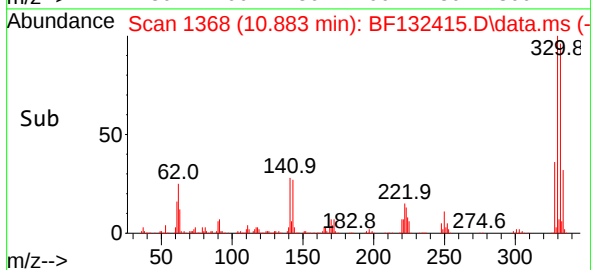
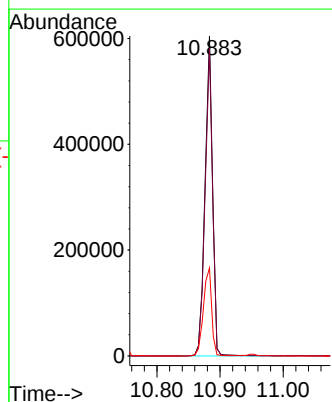
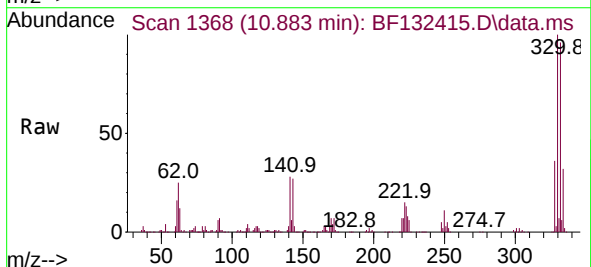
APPROVED

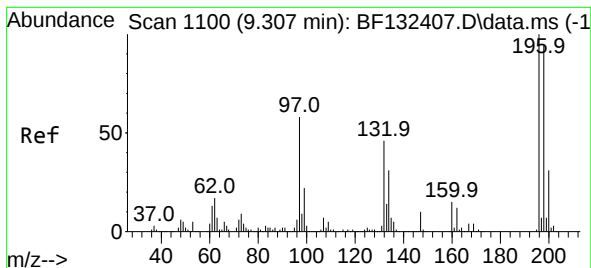
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#42
2,4,6-Tribromophenol
Concen: 125.944 ng
RT: 10.883 min Scan# 1368
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

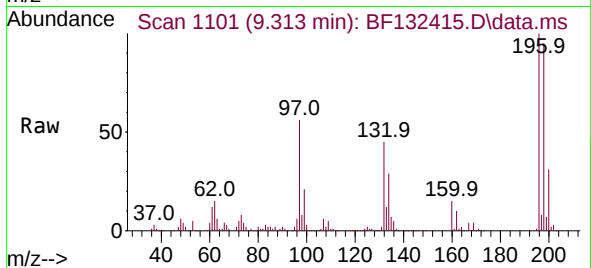
Tgt Ion:330 Resp: 499243
Ion Ratio Lower Upper
330 100
332 95.8 76.7 115.1
141 30.2 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 43.748 ng
RT: 9.313 min Scan# 1101
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

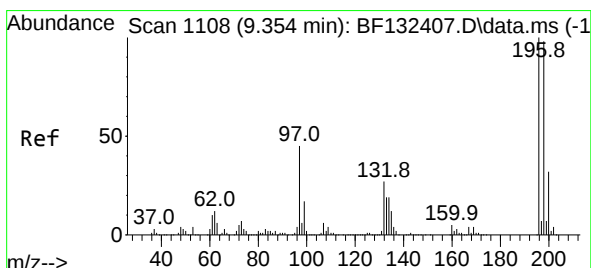
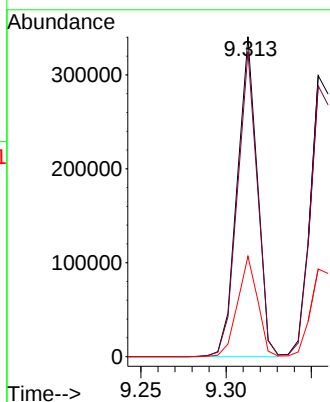
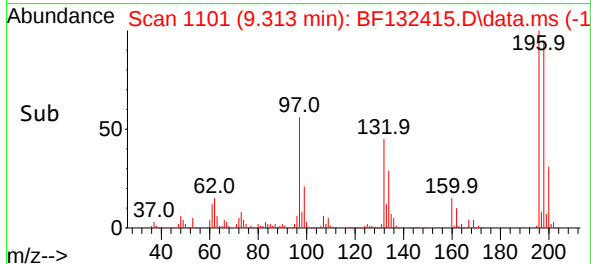
Instrument :
BNA_F
ClientSampleId :
PB150790BS



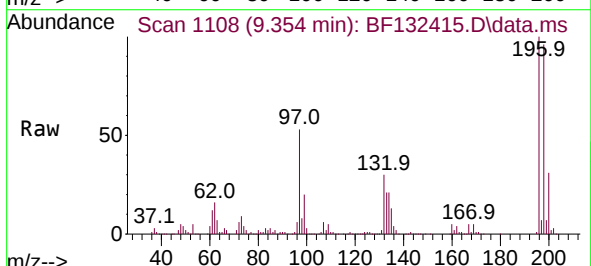
Tgt Ion:196 Resp: 279192
Ion Ratio Lower Upper
196 100
198 95.3 75.1 112.7
200 31.4 24.6 37.0

Manual Integrations
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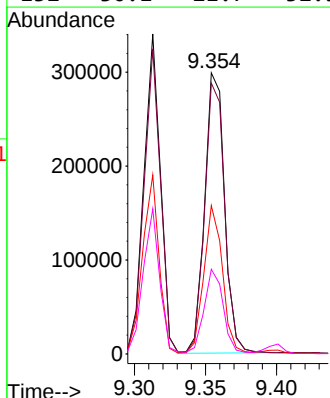
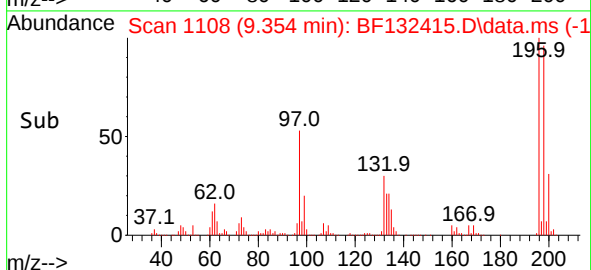
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

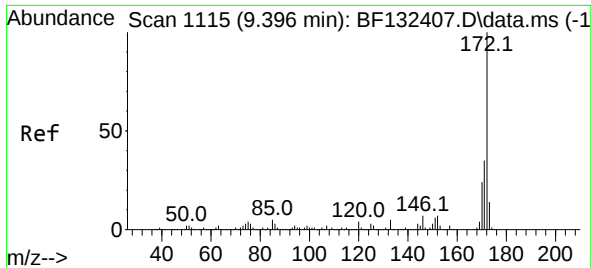


#44
2,4,5-Trichlorophenol
Concen: 39.849 ng
RT: 9.354 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



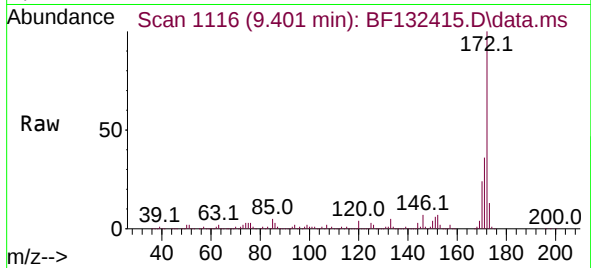
Tgt Ion:196 Resp: 291284
Ion Ratio Lower Upper
196 100
198 96.3 78.0 117.0
97 52.8 35.6 53.4
132 30.1 21.7 32.5





#45
2-Fluorobiphenyl
Concen: 78.494 ng
RT: 9.401 min Scan# 1116
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

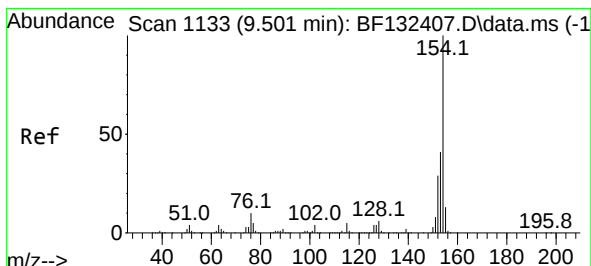
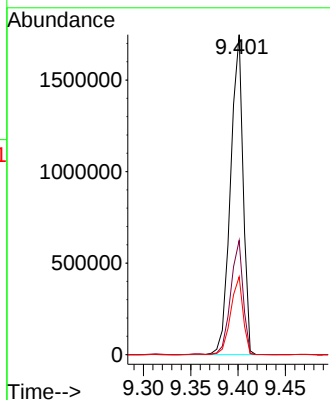
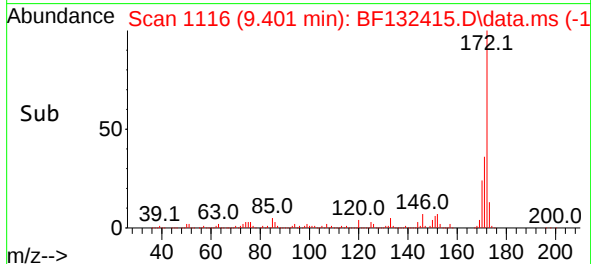
Instrument :
BNA_F
ClientSampleId :
PB150790BS



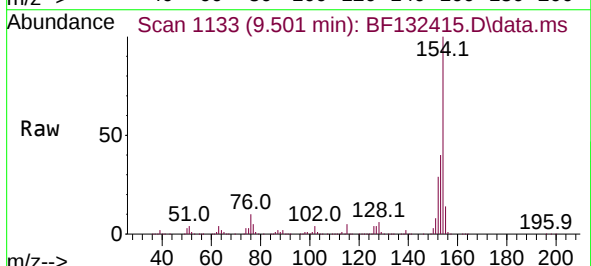
Tgt Ion:172 Resp: 1615120
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 24.3 19.3 28.9

Manual Integrations
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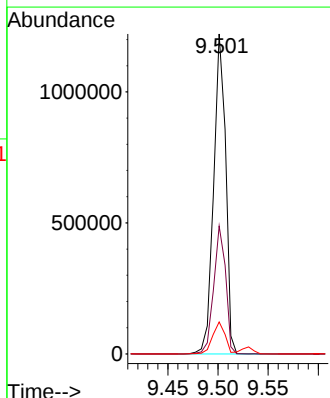
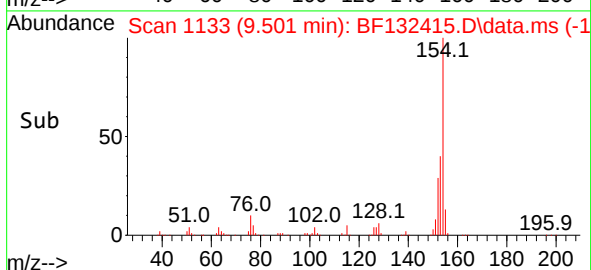
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

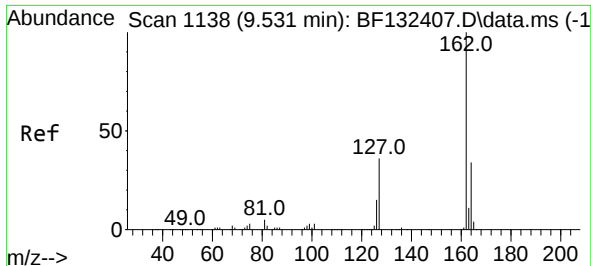


#46
1,1'-Biphenyl
Concen: 41.846 ng
RT: 9.501 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



Tgt Ion:154 Resp: 1016690
Ion Ratio Lower Upper
154 100
153 40.0 20.6 60.6
76 10.0 0.0 29.8





#47

2-Chloronaphthalene

Concen: 42.566 ng

RT: 9.530 min Scan# 1138

Delta R.T. -0.001 min

Lab File: BF132415.D

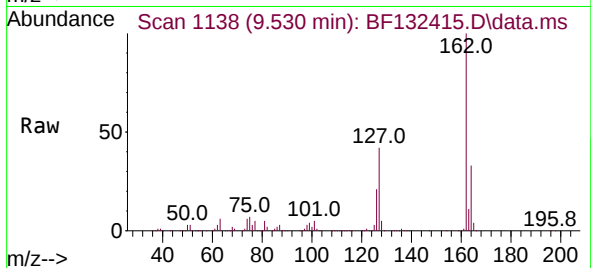
Acq: 13 Feb 2023 18:01

Instrument :

BNA_F

ClientSampleId :

PB150790BS



Tgt Ion:162 Resp: 791162

Ion Ratio Lower Upper

162 100

127 42.0 31.6 47.4

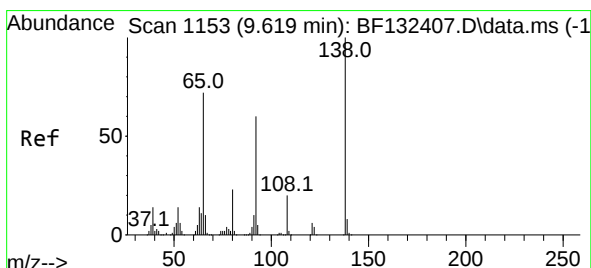
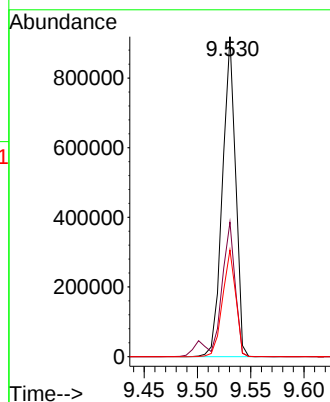
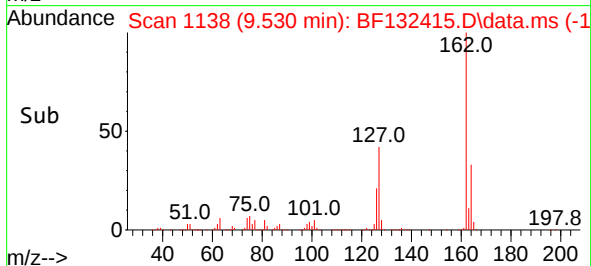
164 33.3 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#48

2-Nitroaniline

Concen: 42.584 ng

RT: 9.625 min Scan# 1154

Delta R.T. 0.005 min

Lab File: BF132415.D

Acq: 13 Feb 2023 18:01

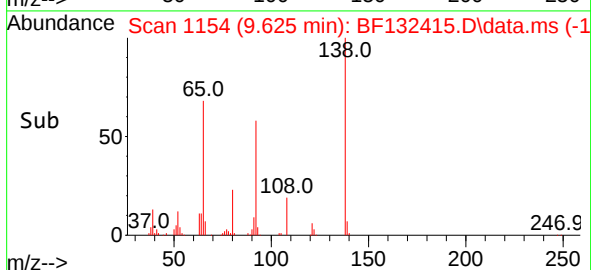
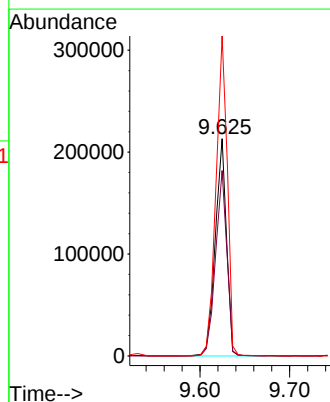
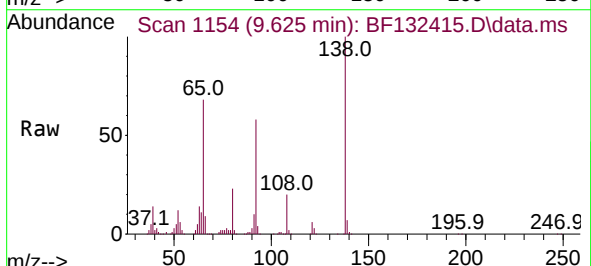
Tgt Ion: 65 Resp: 184708

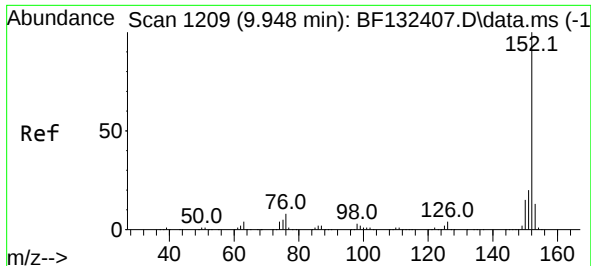
Ion Ratio Lower Upper

65 100

92 85.3 67.2 100.8

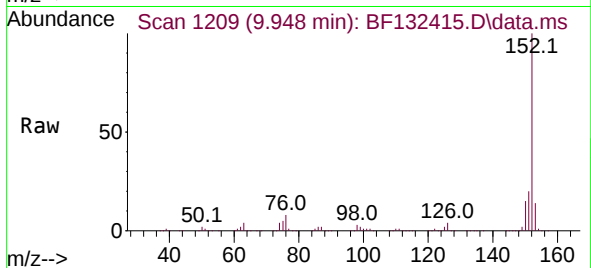
138 147.3 111.2 166.8





#49
Acenaphthylene
Concen: 41.079 ng
RT: 9.948 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

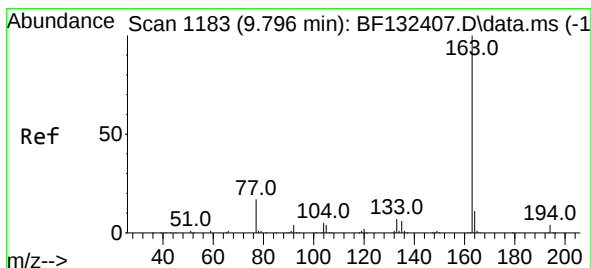
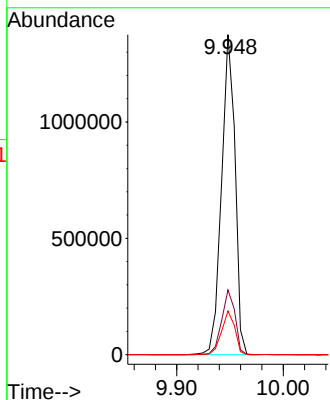
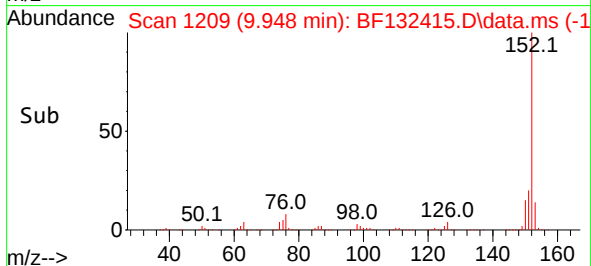
Instrument :
BNA_F
ClientSampleId :
PB150790BS



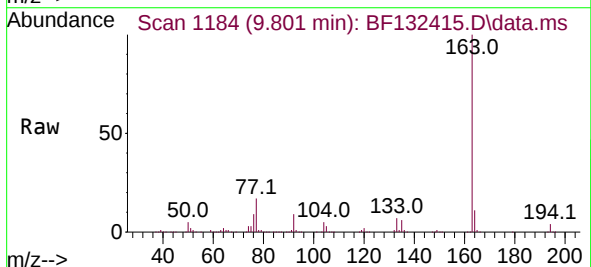
Tgt Ion:152 Resp: 1213876
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.7 10.8 16.2

Manual Integrations
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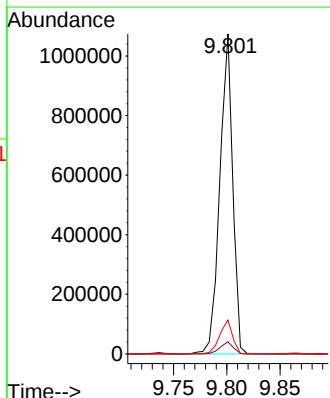
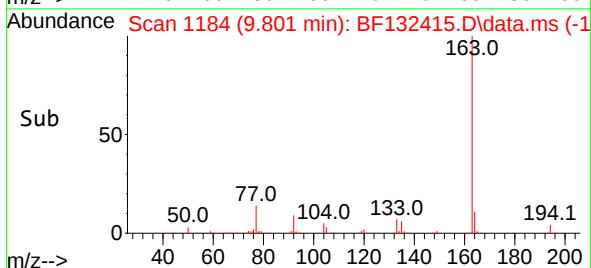
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

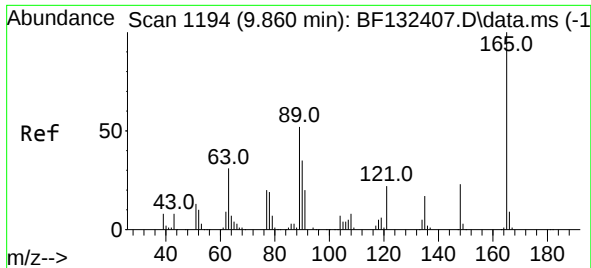


#50
Dimethylphthalate
Concen: 40.480 ng
RT: 9.801 min Scan# 1184
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



Tgt Ion:163 Resp: 908213
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.6 8.5 12.7





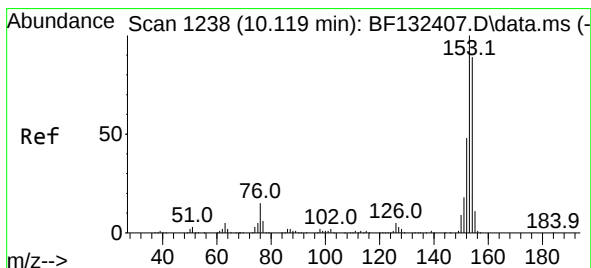
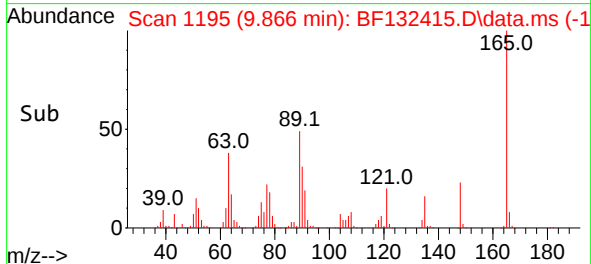
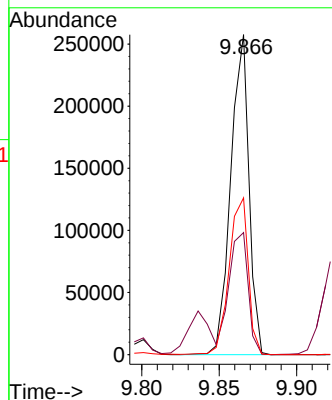
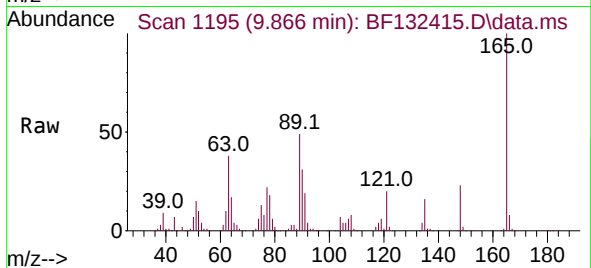
#51
2,6-Dinitrotoluene
Concen: 42.683 ng
RT: 9.866 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Instrument :
BNA_F
ClientSampleId :
PB150790BS

Tgt Ion:165 Resp: 21085
Ion Ratio Lower Upper
165 100
63 38.1 34.0 51.0
89 49.0 41.8 62.6

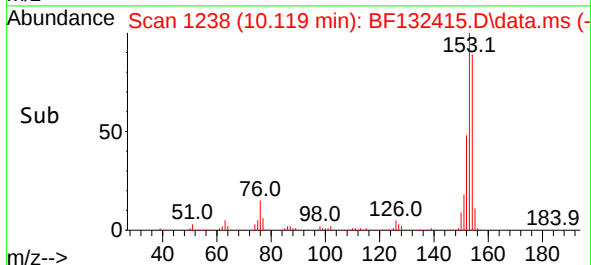
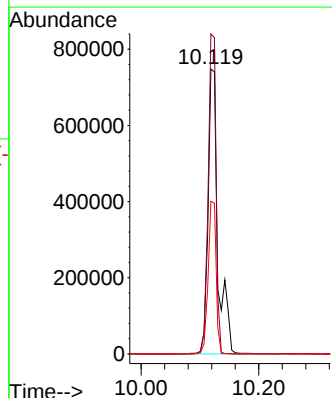
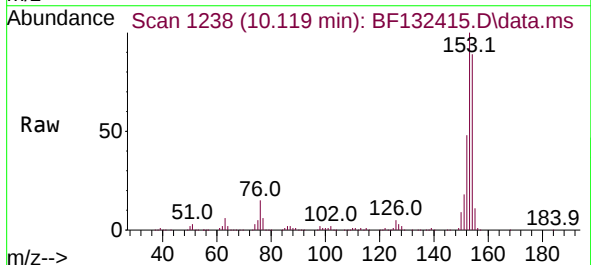
Manual Integrations
APPROVED

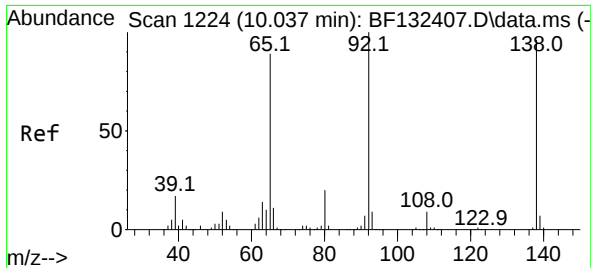
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#52
Acenaphthene
Concen: 45.897 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

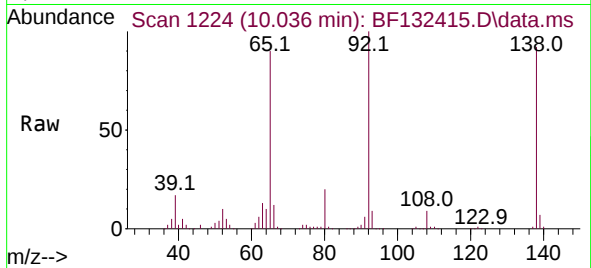
Tgt Ion:154 Resp: 873928
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.6
152 53.6 42.7 64.1





#53
3-Nitroaniline
Concen: 33.542 ng
RT: 10.036 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

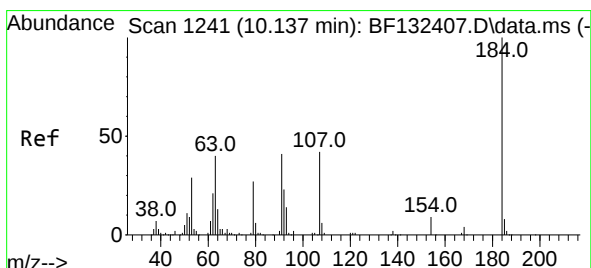
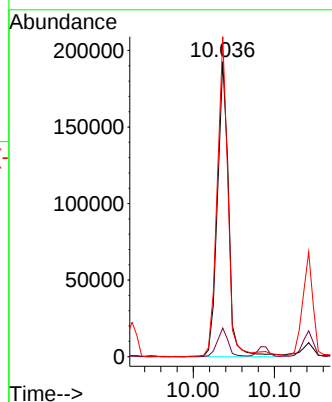
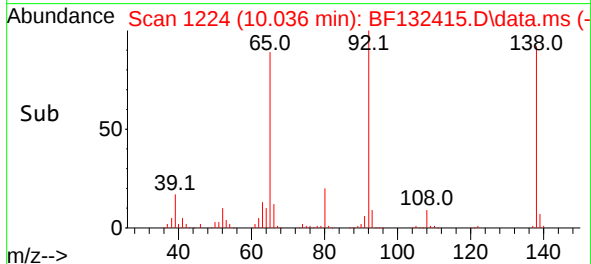
Instrument :
BNA_F
ClientSampleId :
PB150790BS



Tgt Ion:138 Resp: 18363
Ion Ratio Lower Upper
138 100
108 9.7 7.4 11.2
92 108.5 83.7 125.5

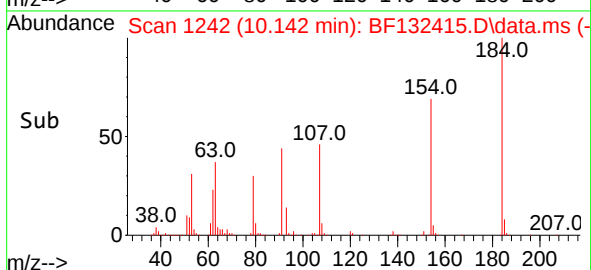
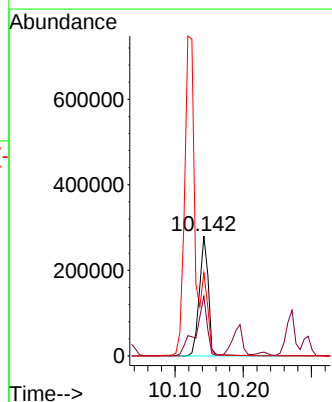
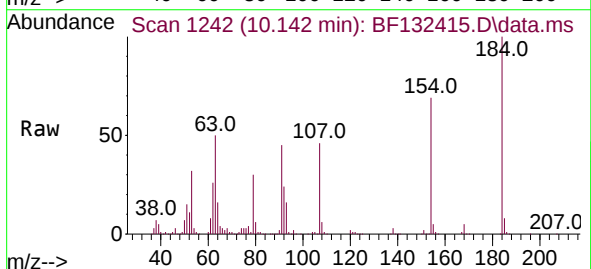
Manual Integrations
APPROVED

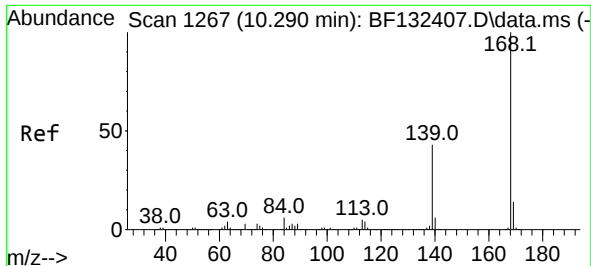
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#54
2,4-Dinitrophenol
Concen: 94.025 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

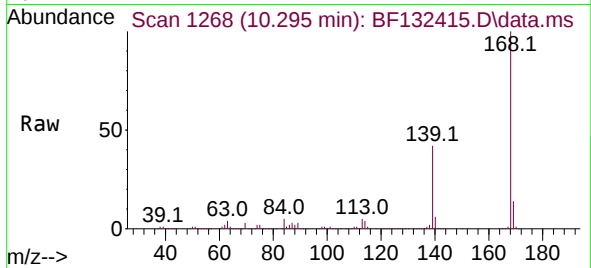
Tgt Ion:184 Resp: 257321
Ion Ratio Lower Upper
184 100
63 49.7 36.2 54.2
154 69.3 51.4 77.0





#55
Dibenzenofuran
Concen: 40.453 ng
RT: 10.295 min Scan# 1267
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

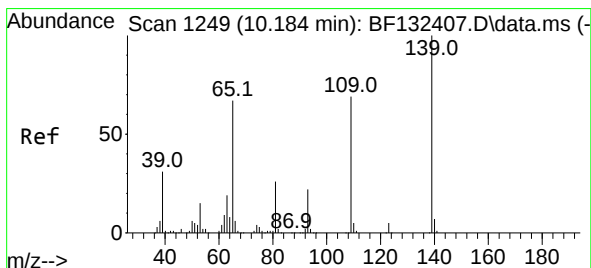
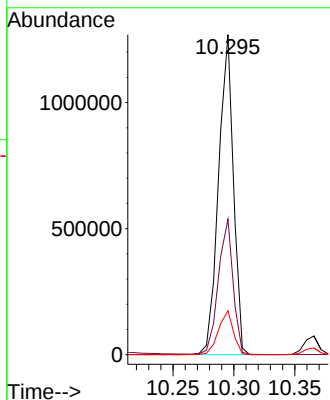
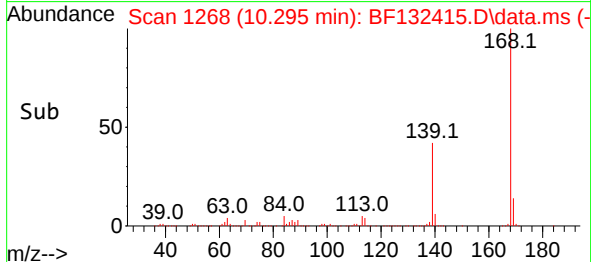
Instrument :
BNA_F
ClientSampleId :
PB150790BS



Tgt Ion:168 Resp: 1072903
Ion Ratio Lower Upper
168 100
139 42.3 34.6 52.0
169 13.7 11.2 16.8

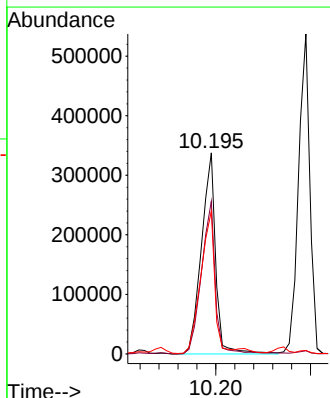
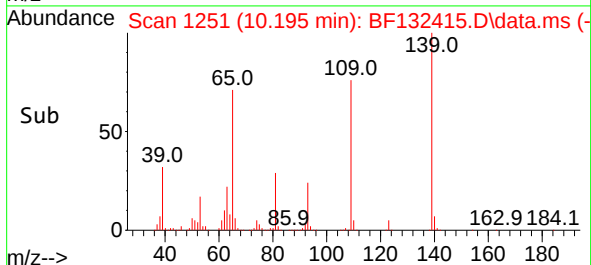
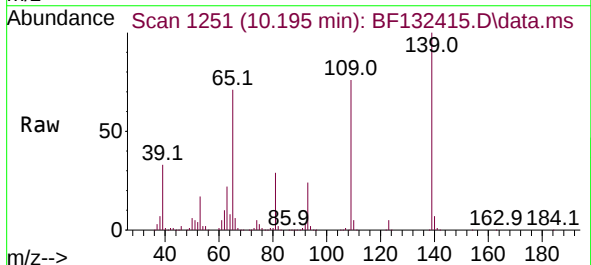
Manual Integrations
APPROVED

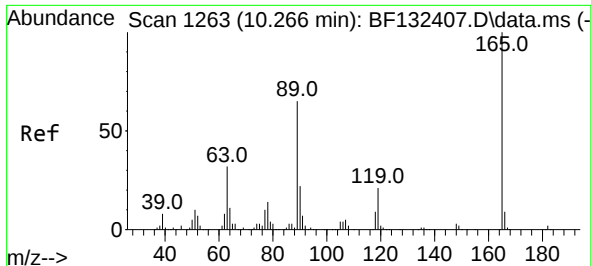
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#56
4-Nitrophenol
Concen: 86.557 ng
RT: 10.195 min Scan# 1251
Delta R.T. 0.011 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Tgt Ion:139 Resp: 353228
Ion Ratio Lower Upper
139 100
109 75.9 49.4 89.4
65 70.9 47.6 87.6





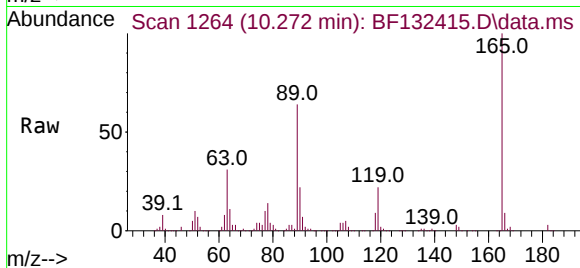
#57
2,4-Dinitrotoluene
Concen: 42.956 ng
RT: 10.272 min Scan# 1264
Delta R.T. 0.006 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Instrument :

BNA_F

ClientSampleId :

PB150790BS

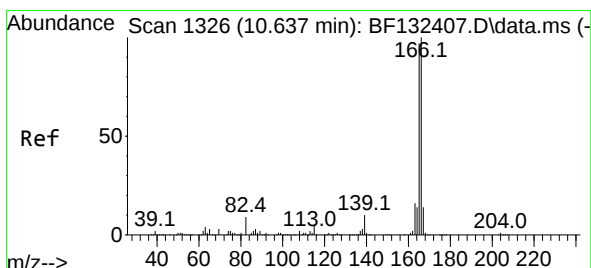
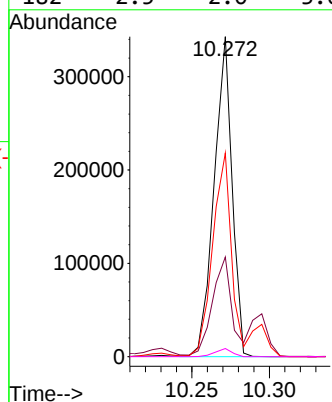
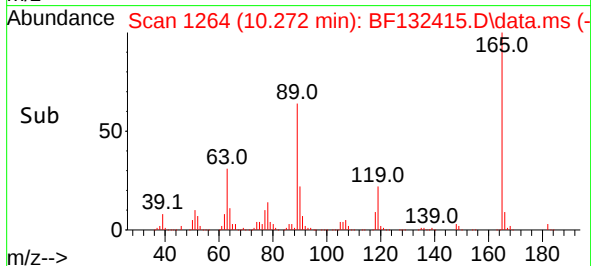


Tgt Ion:165 Resp: 277764
Ion Ratio Lower Upper
165 100
63 31.1 25.4 38.2
89 63.6 52.2 78.2
182 2.5 2.0 3.0

Manual Integrations

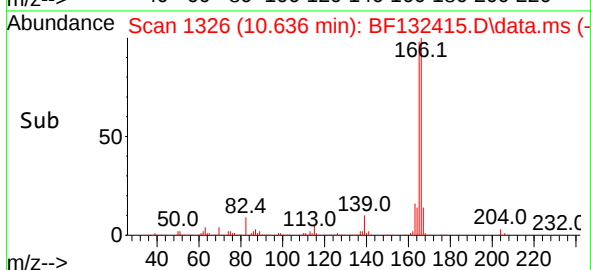
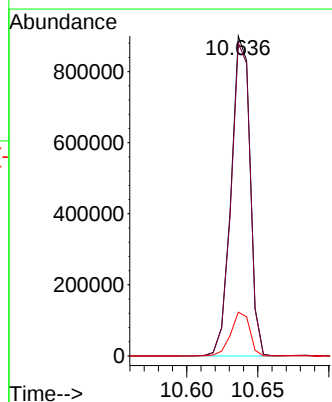
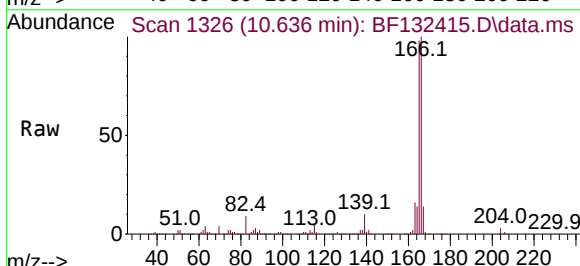
APPROVED

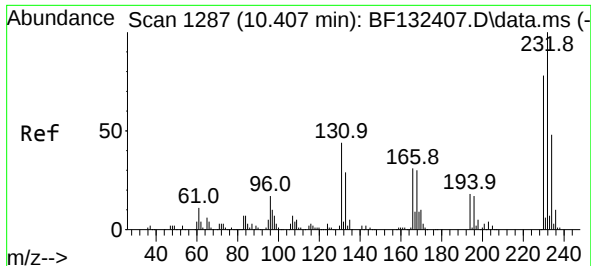
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#58
Fluorene
Concen: 40.420 ng
RT: 10.636 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

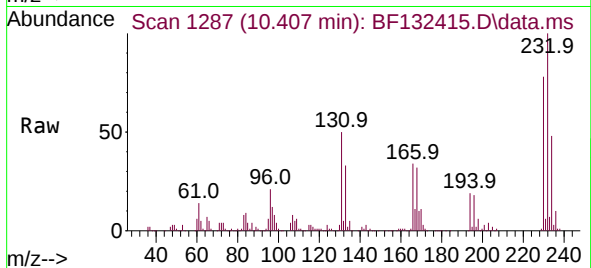
Tgt Ion:166 Resp: 833508
Ion Ratio Lower Upper
166 100
165 97.8 77.5 116.3
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.353 ng
RT: 10.407 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

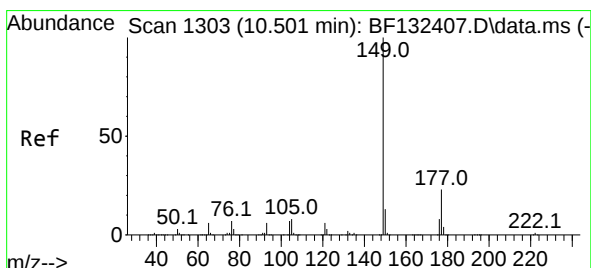
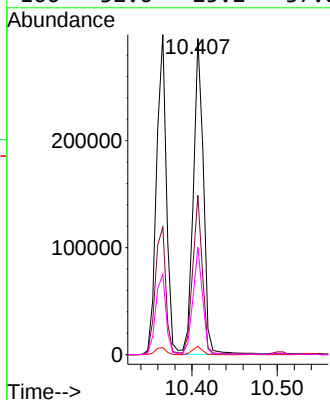
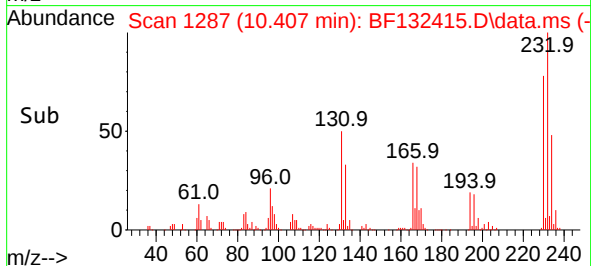
Instrument :
BNA_F
ClientSampleId :
PB150790BS



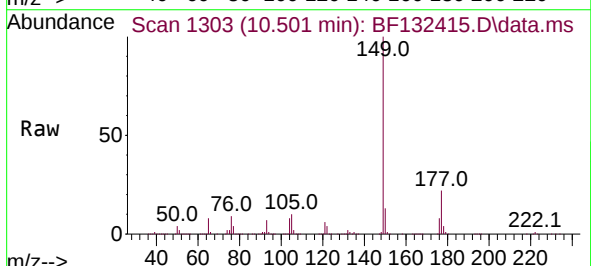
Tgt Ion:232 Resp: 243232
Ion Ratio Lower Upper
232 100
131 48.2 37.9 56.9
130 2.5 1.9 2.9
166 32.6 25.2 37.8

Manual Integrations
APPROVED

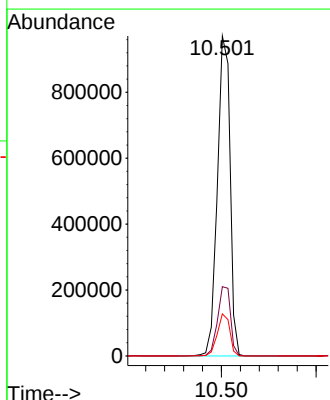
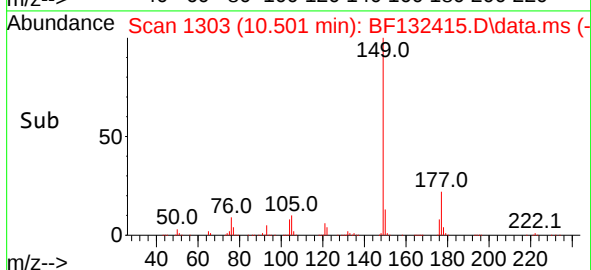
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

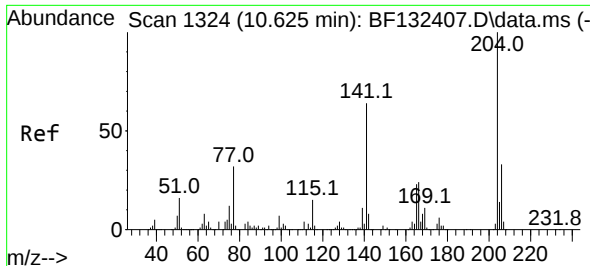


#60
Diethylphthalate
Concen: 40.101 ng
RT: 10.501 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



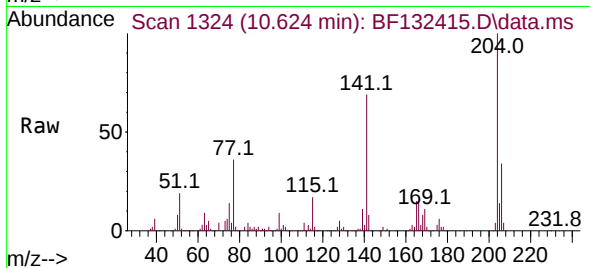
Tgt Ion:149 Resp: 900693
Ion Ratio Lower Upper
149 100
177 21.6 18.1 27.1
150 13.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.585 ng
RT: 10.624 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

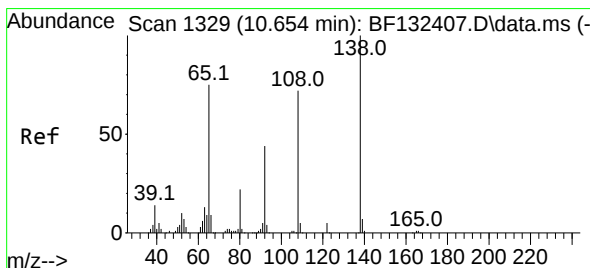
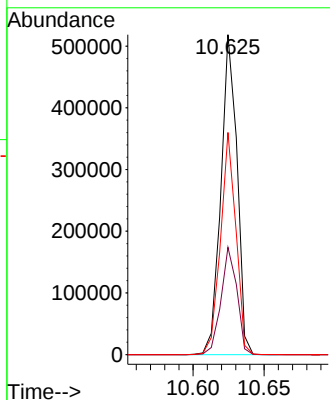
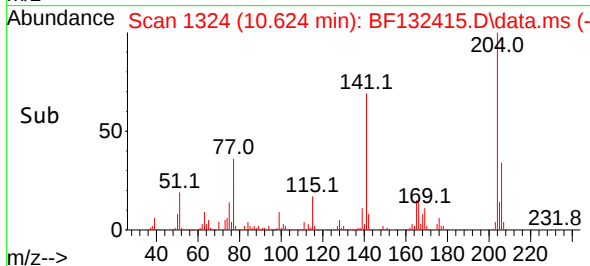
Instrument :
BNA_F
ClientSampleId :
PB150790BS



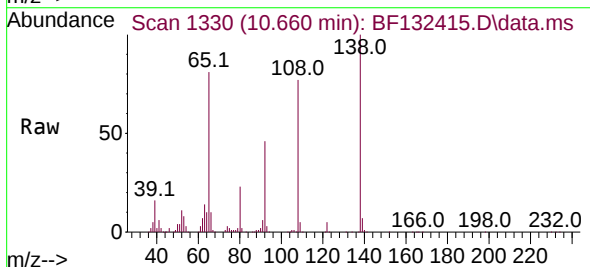
Tgt Ion:204 Resp: 410098
Ion Ratio Lower Upper
204 100
206 33.5 26.3 39.5
141 69.5 50.9 76.3

Manual Integrations
APPROVED

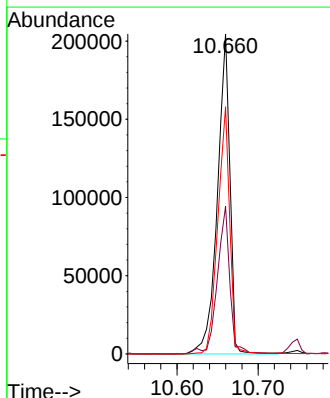
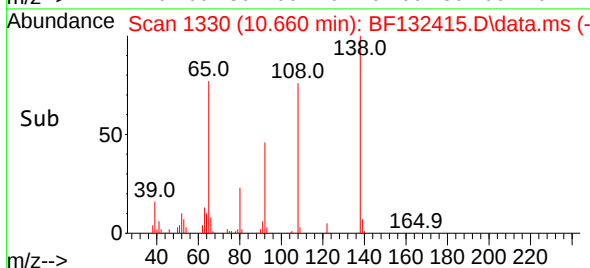
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

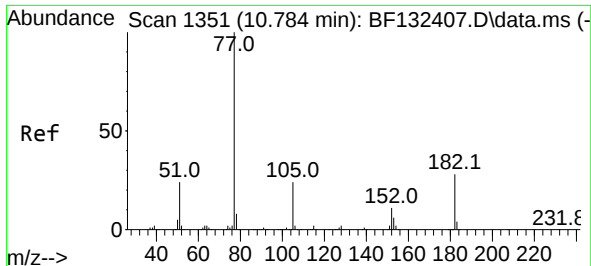


#62
4-Nitroaniline
Concen: 43.565 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



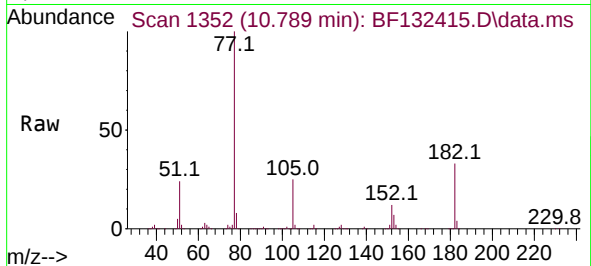
Tgt Ion:138 Resp: 218423
Ion Ratio Lower Upper
138 100
92 46.1 24.3 64.3
108 77.2 52.4 92.4





#63
Azobenzene
Concen: 40.378 ng
RT: 10.789 min Scan# 1351
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

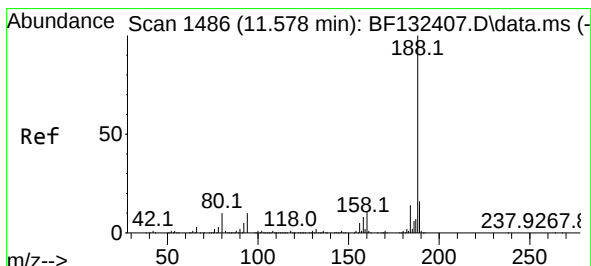
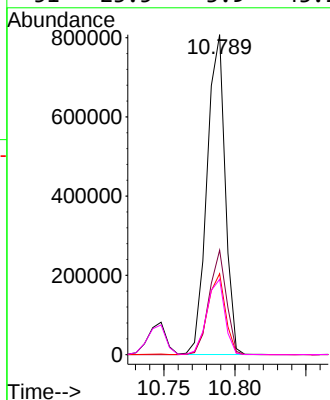
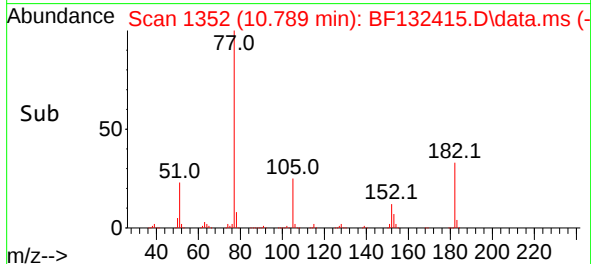
Instrument :
BNA_F
ClientSampleId :
PB150790BS



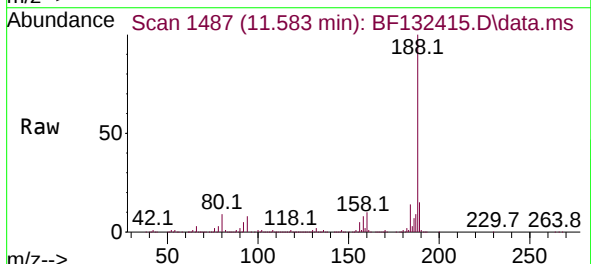
Tgt Ion: 77 Resp: 715769
Ion Ratio Lower Upper
77 100
182 32.6 8.3 48.3
105 25.3 3.9 43.9
51 23.5 3.9 43.9

Manual Integrations
APPROVED

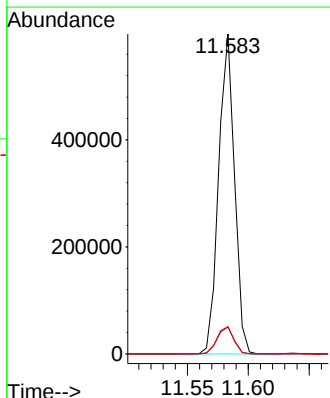
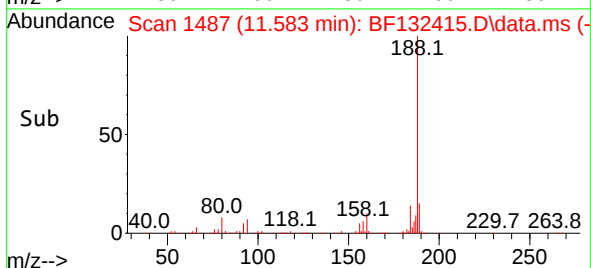
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

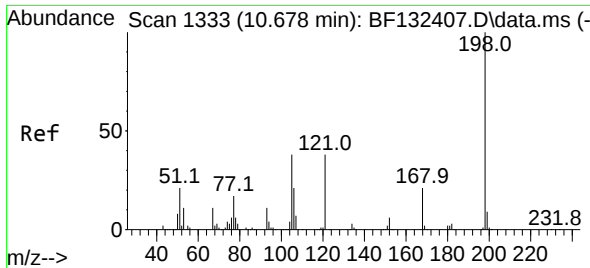


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.583 min Scan# 1487
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



Tgt Ion:188 Resp: 540574
Ion Ratio Lower Upper
188 100
94 8.4 7.8 11.6
80 8.5 7.6 11.4





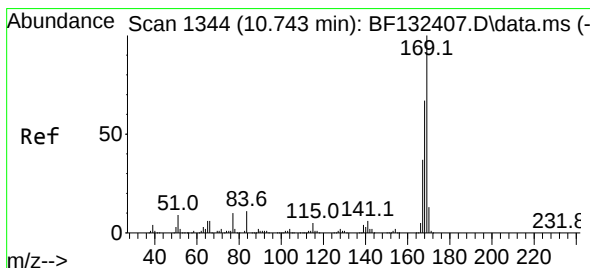
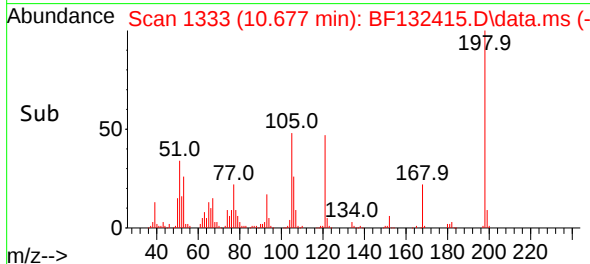
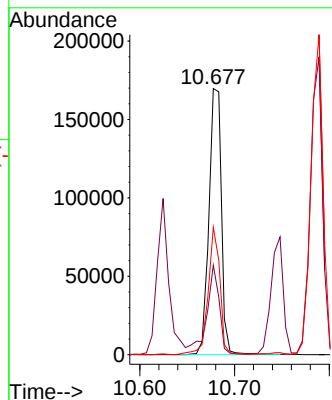
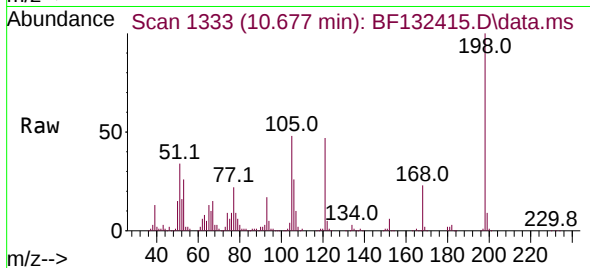
#65
4,6-Dinitro-2-methylphenol
Concen: 46.519 ng
RT: 10.677 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Instrument :
BNA_F
ClientSampleId :
PB150790BS

Tgt Ion:198 Resp: 15633
Ion Ratio Lower Upper
198 100
51 33.6 4.6 44.6
105 47.9 19.3 59.3

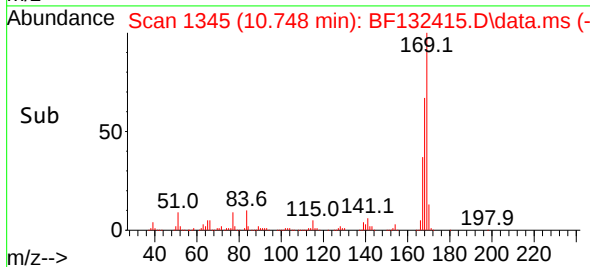
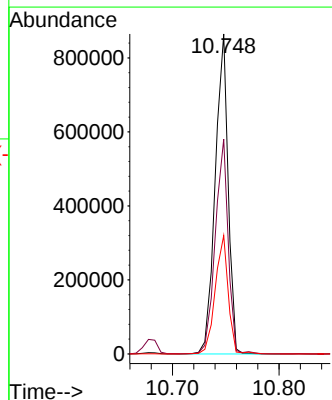
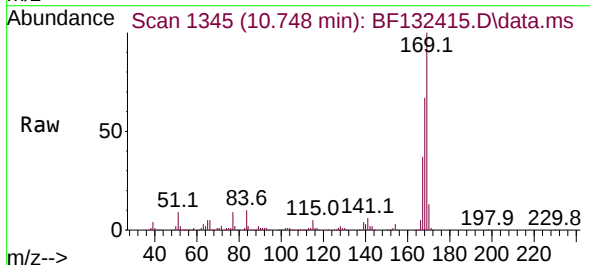
Manual Integrations
APPROVED

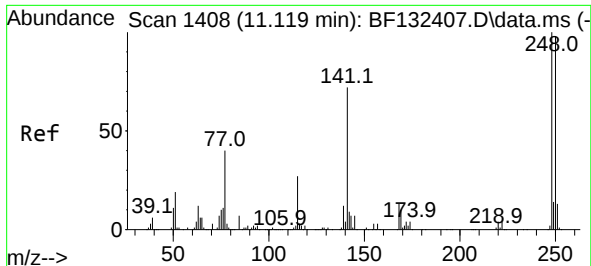
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#66
n-Nitrosodiphenylamine
Concen: 41.830 ng
RT: 10.748 min Scan# 1345
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

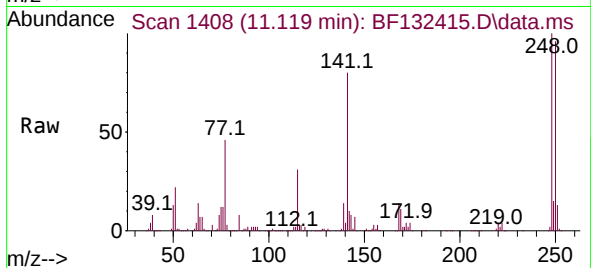
Tgt Ion:169 Resp: 729984
Ion Ratio Lower Upper
169 100
168 67.1 53.5 80.3
167 37.0 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.089 ng
RT: 11.119 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

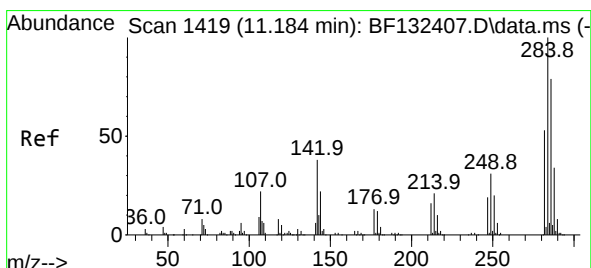
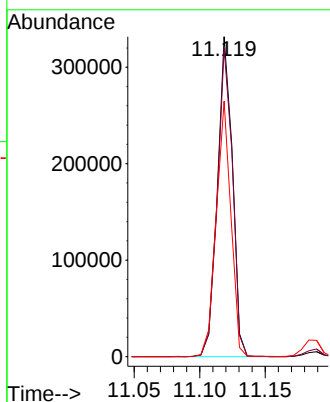
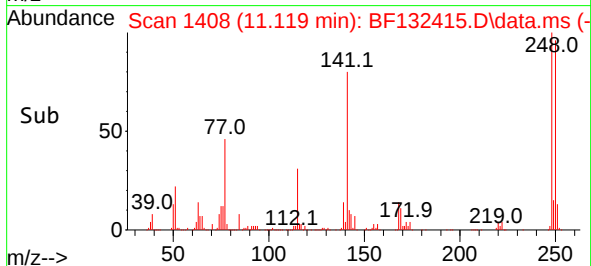
Instrument :
BNA_F
ClientSampleId :
PB150790BS



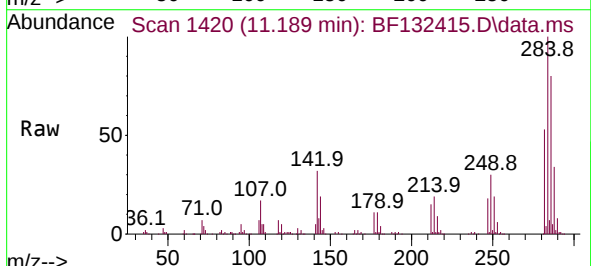
Tgt Ion:248 Resp: 265556
Ion Ratio Lower Upper
248 100
250 96.4 78.1 117.1
141 79.8 57.9 86.9

Manual Integrations
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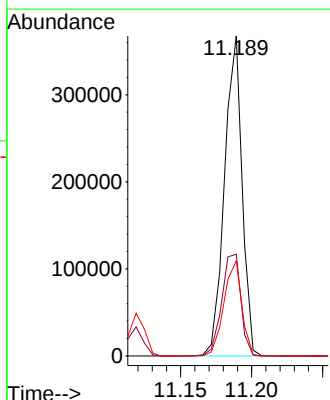
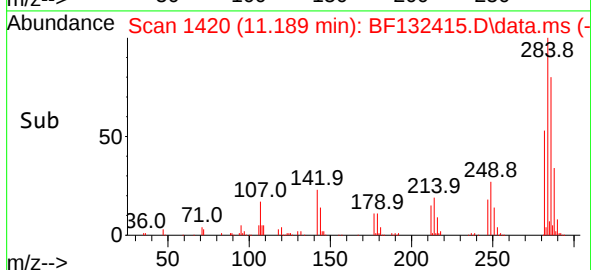
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

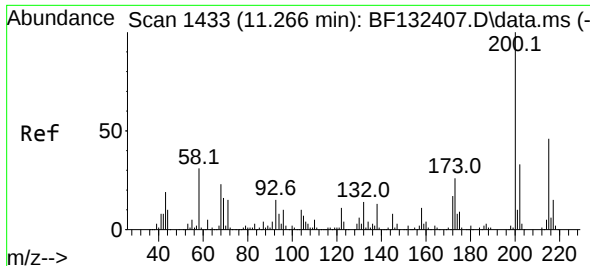


#68
Hexachlorobenzene
Concen: 45.309 ng
RT: 11.189 min Scan# 1420
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



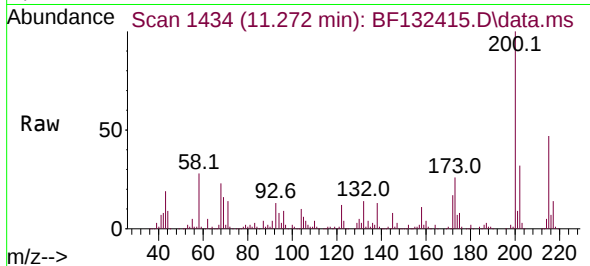
Tgt Ion:284 Resp: 316195
Ion Ratio Lower Upper
284 100
142 31.8 30.1 45.1
249 29.7 25.0 37.4





#69
Atrazine
Concen: 48.656 ng
RT: 11.272 min Scan# 1433
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

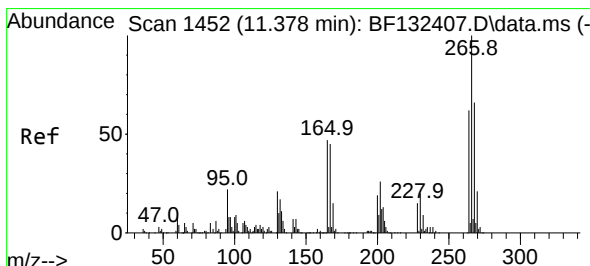
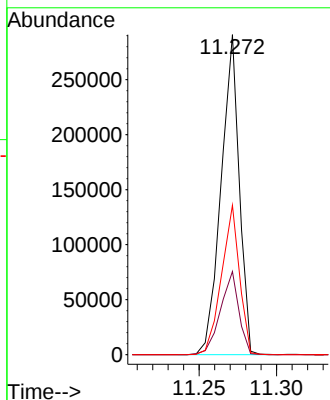
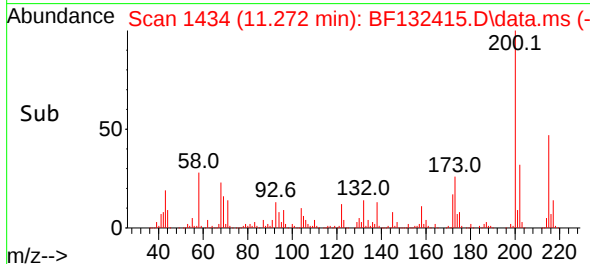
Instrument :
BNA_F
ClientSampleId :
PB150790BS



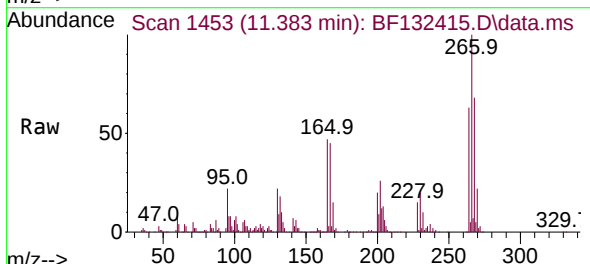
Tgt Ion:200 Resp: 238083
Ion Ratio Lower Upper
200 100
173 26.0 6.3 46.3
215 46.7 26.1 66.1

Manual Integrations
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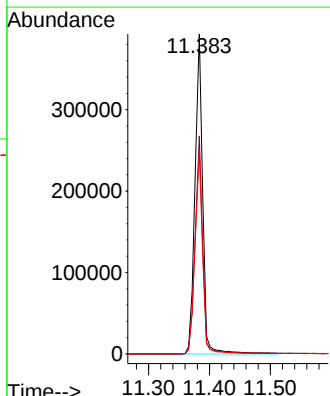
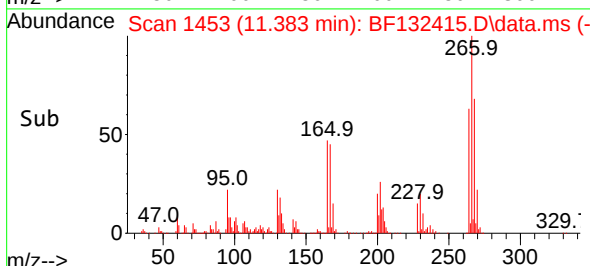
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

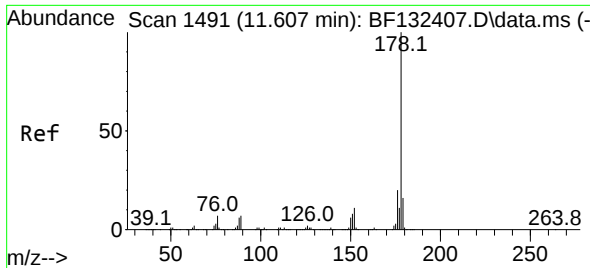


#70
Pentachlorophenol
Concen: 83.293 ng
RT: 11.383 min Scan# 1453
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



Tgt Ion:266 Resp: 347785
Ion Ratio Lower Upper
266 100
268 68.1 53.0 79.4
264 63.5 49.6 74.4





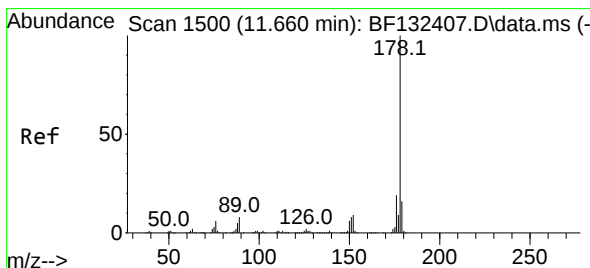
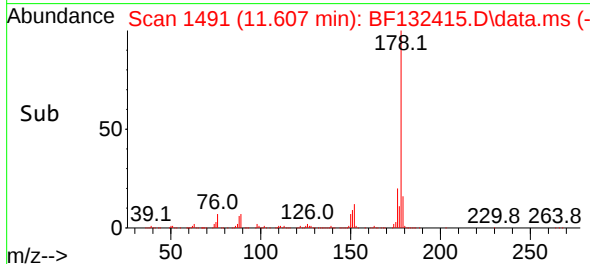
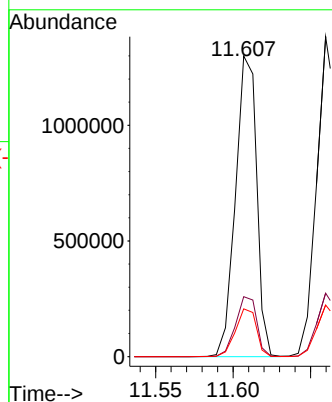
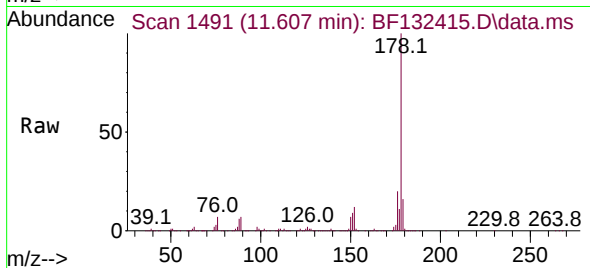
#71
Phenanthrene
Concen: 41.923 ng
RT: 11.607 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Instrument :
BNA_F
ClientSampleId :
PB150790BS

Tgt Ion:178 Resp: 1235528
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 15.9 12.6 19.0

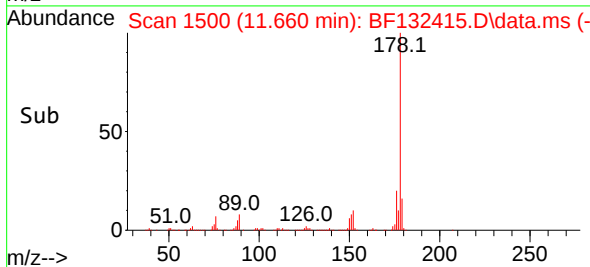
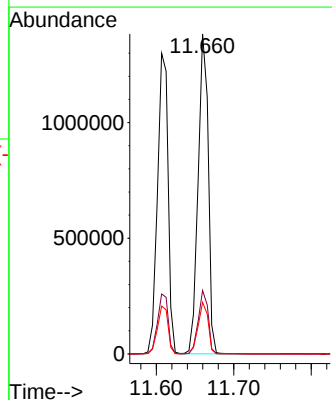
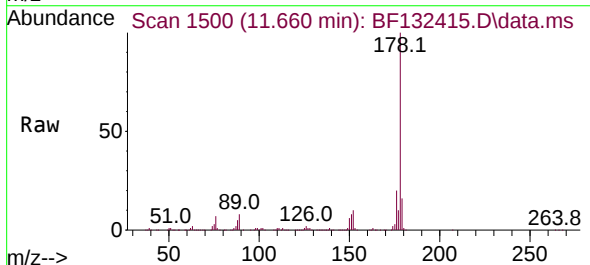
Manual Integrations
APPROVED

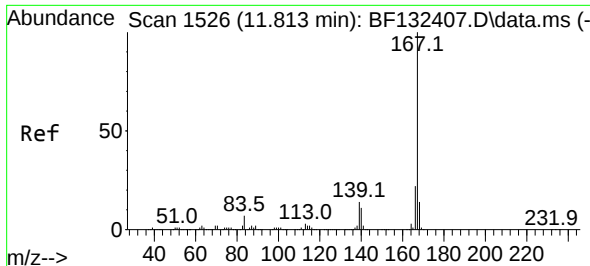
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#72
Anthracene
Concen: 41.695 ng
RT: 11.660 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

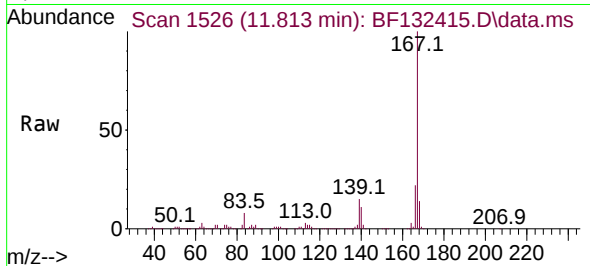
Tgt Ion:178 Resp: 1258540
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 16.2 12.6 19.0





#73
 Carbazole
 Concen: 43.229 ng
 RT: 11.813 min Scan# 1526
 Delta R.T. -0.000 min
 Lab File: BF132415.D
 Acq: 13 Feb 2023 18:01

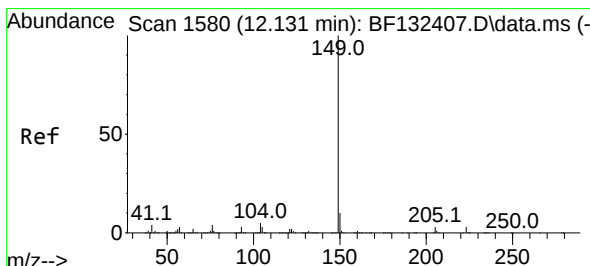
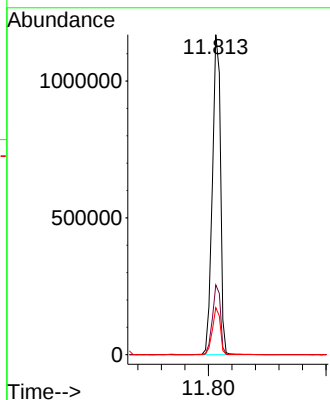
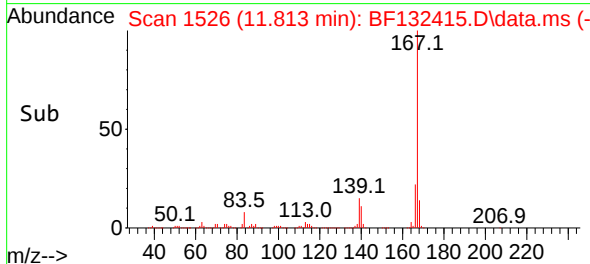
Instrument :
 BNA_F
 ClientSampleId :
 PB150790BS



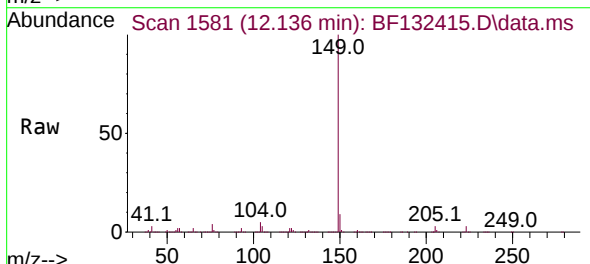
Tgt Ion:167 Resp: 1119736
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 14.7 11.3 16.9

Manual Integrations
 APPROVED

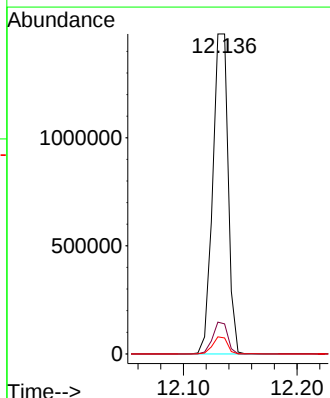
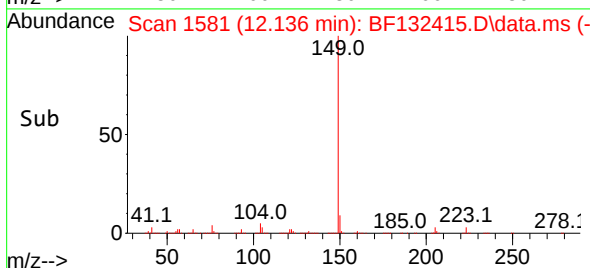
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023

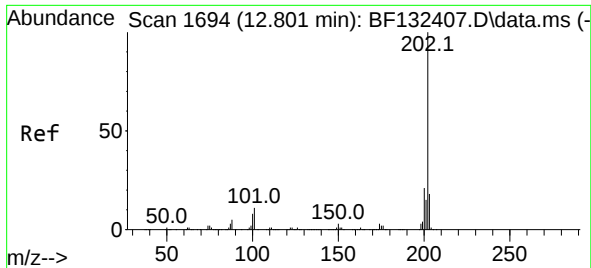


#74
 Di-n-butylphthalate
 Concen: 42.923 ng
 RT: 12.136 min Scan# 1581
 Delta R.T. 0.005 min
 Lab File: BF132415.D
 Acq: 13 Feb 2023 18:01



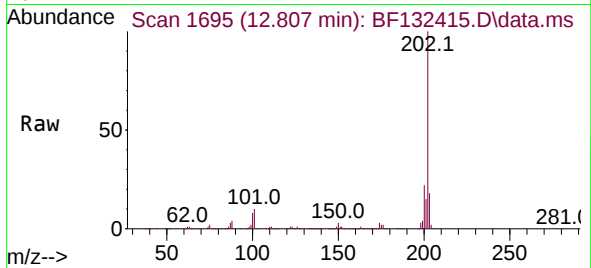
Tgt Ion:149 Resp: 1396183
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 5.0 4.2 6.2





#75
Fluoranthene
Concen: 43.368 ng
RT: 12.807 min Scan# 1694
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

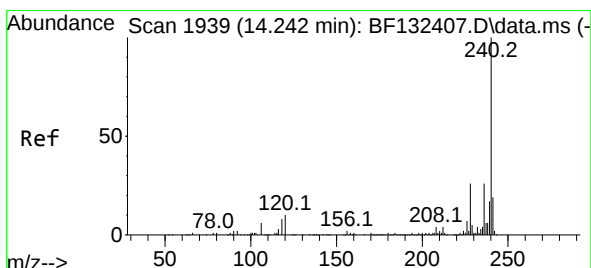
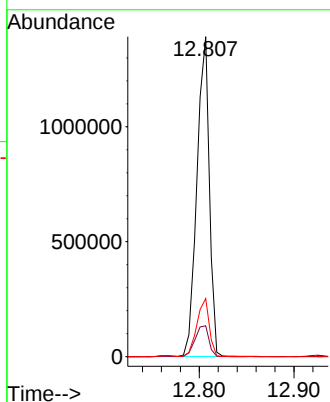
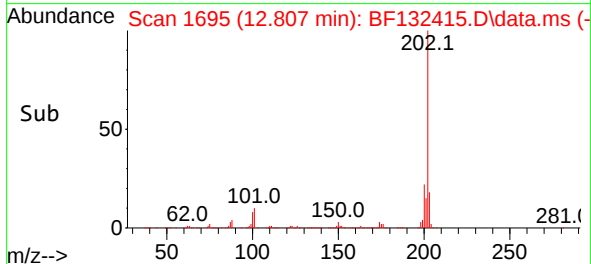
Instrument :
BNA_F
ClientSampleId :
PB150790BS



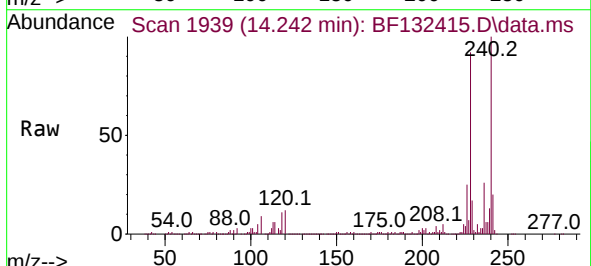
Tgt Ion:202 Resp: 1264863
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.0
203 18.1 0.0 37.9

Manual Integrations
APPROVED

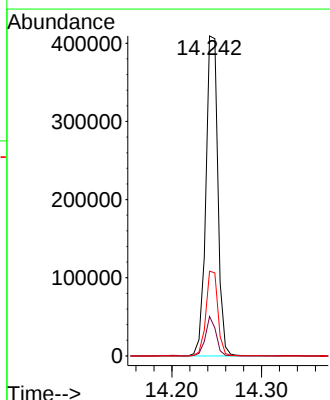
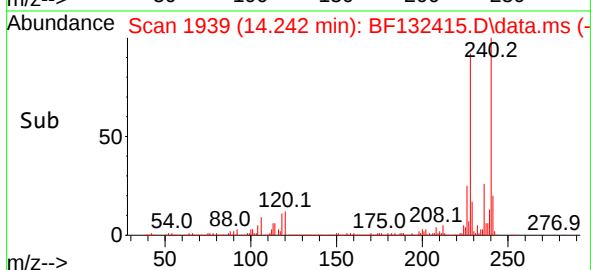
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

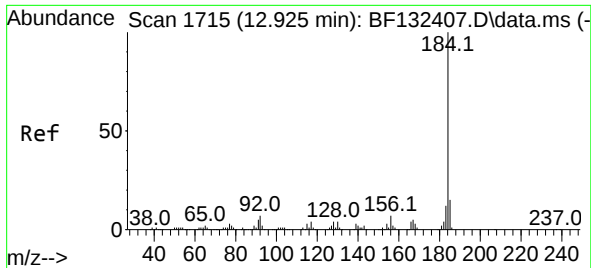


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.242 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



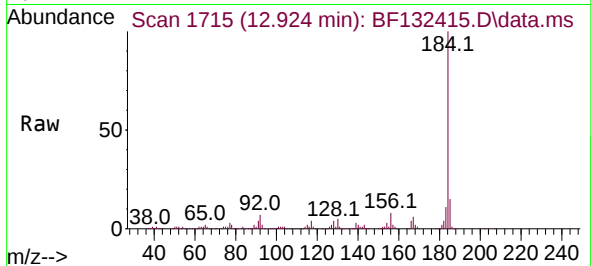
Tgt Ion:240 Resp: 379932
Ion Ratio Lower Upper
240 100
120 12.3 7.7 11.5#
236 26.5 21.1 31.7





#77
Benzidine
Concen: 156.239 ng
RT: 12.924 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

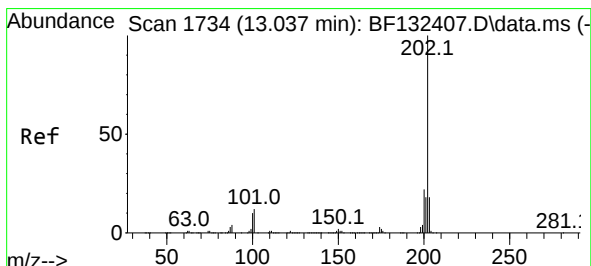
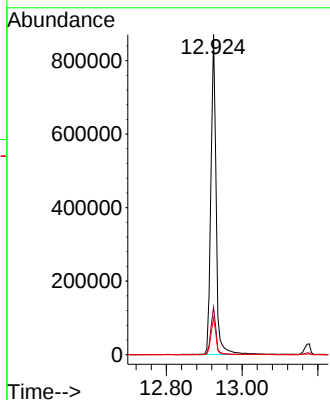
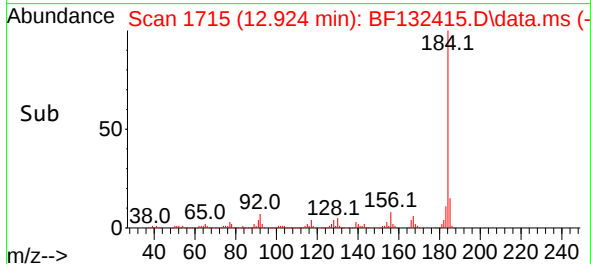
Instrument :
BNA_F
ClientSampleId :
PB150790BS



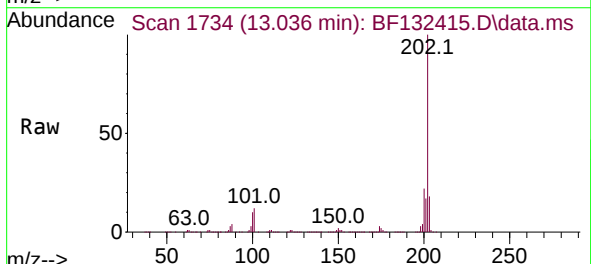
Tgt Ion:184 Resp: 844542
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 11.5 9.3 13.9

Manual Integrations
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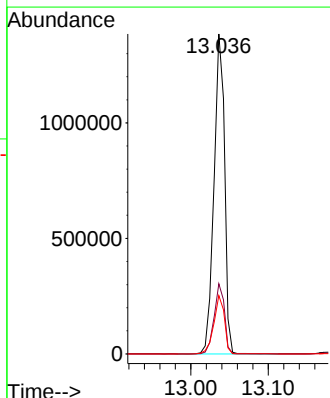
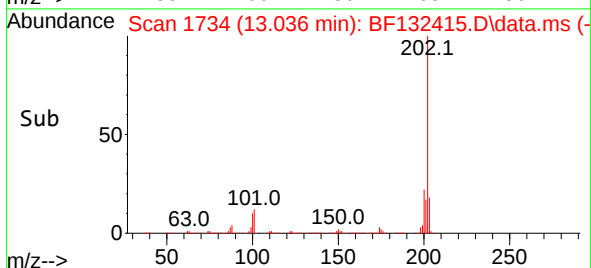
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

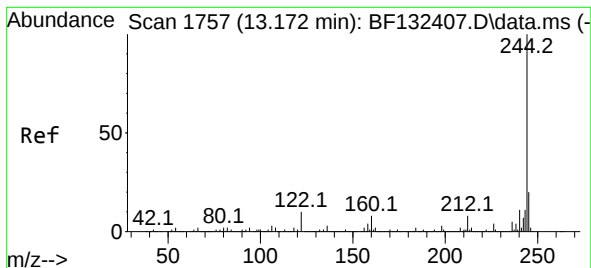


#78
Pyrene
Concen: 41.672 ng
RT: 13.036 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



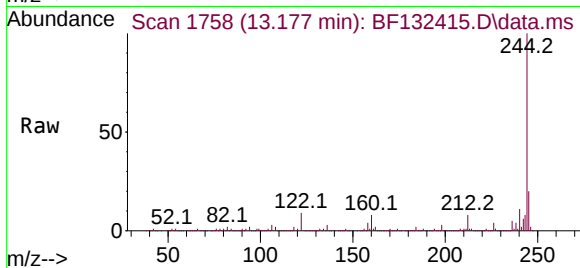
Tgt Ion:202 Resp: 1312103
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.0
203 18.2 14.1 21.1





#79
 Terphenyl-d14
 Concen: 83.183 ng
 RT: 13.177 min Scan# 1757
 Delta R.T. 0.005 min
 Lab File: BF132415.D
 Acq: 13 Feb 2023 18:01

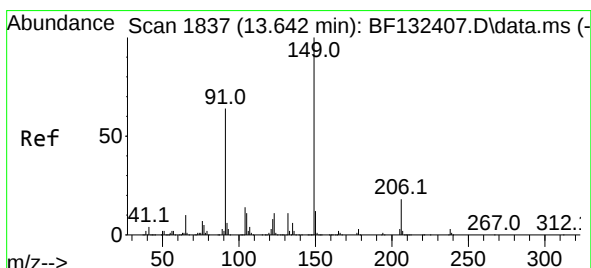
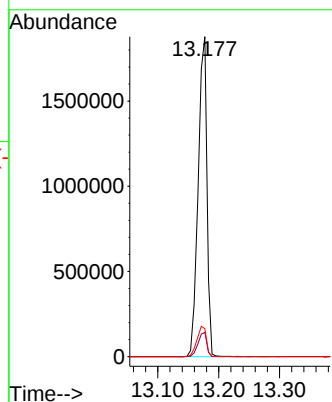
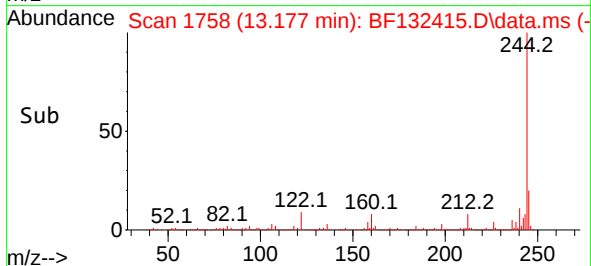
Instrument :
 BNA_F
 ClientSampleId :
 PB150790BS



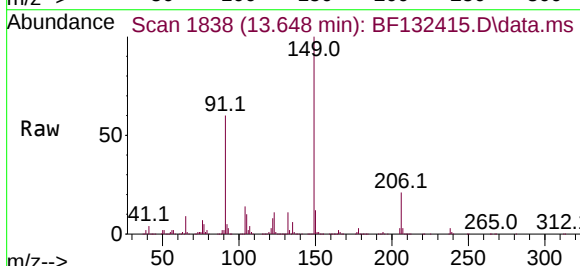
Tgt Ion:244 Resp: 1879140
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 8.7 8.2 12.4

Manual Integrations
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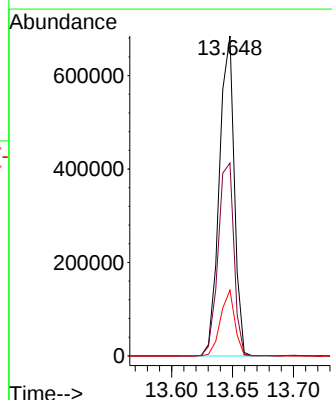
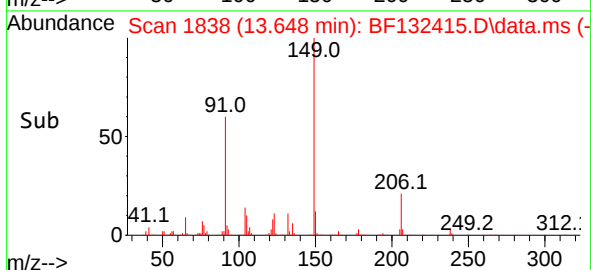
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023

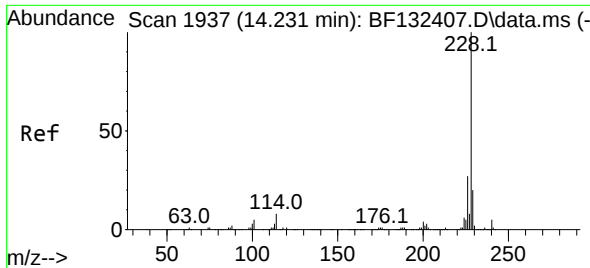


#80
 Butylbenzylphthalate
 Concen: 44.975 ng
 RT: 13.648 min Scan# 1838
 Delta R.T. 0.005 min
 Lab File: BF132415.D
 Acq: 13 Feb 2023 18:01



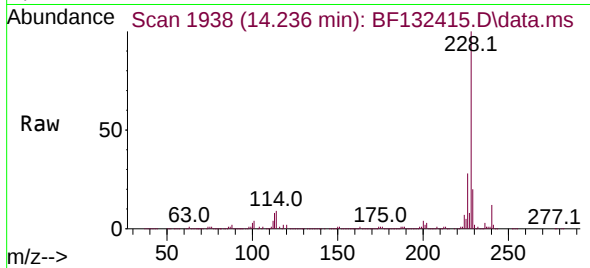
Tgt Ion:149 Resp: 586983
 Ion Ratio Lower Upper
 149 100
 91 60.3 51.6 77.4
 206 20.5 14.8 22.2





#81
Benzo(a)anthracene
Concen: 43.290 ng
RT: 14.236 min Scan# 1937
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

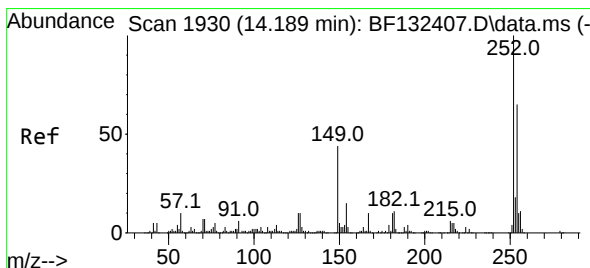
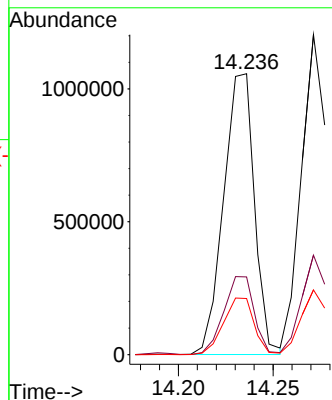
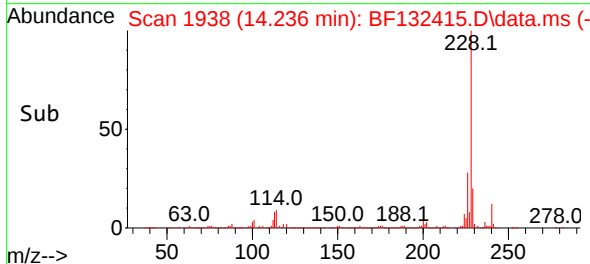
Instrument :
BNA_F
ClientSampleId :
PB150790BS



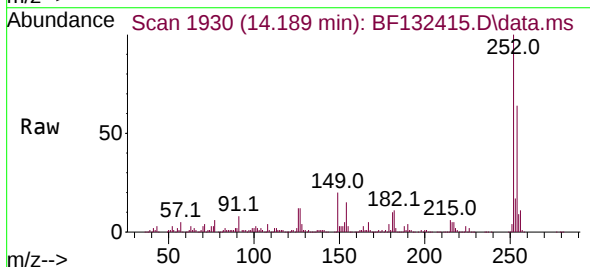
Tgt Ion:228 Resp: 1196596
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.6
229 20.0 15.7 23.5

Manual Integrations
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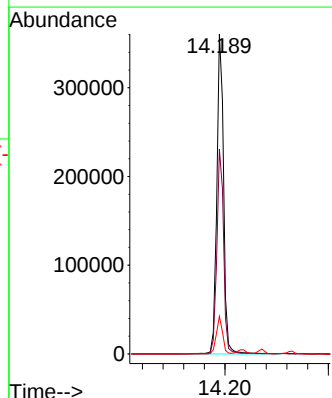
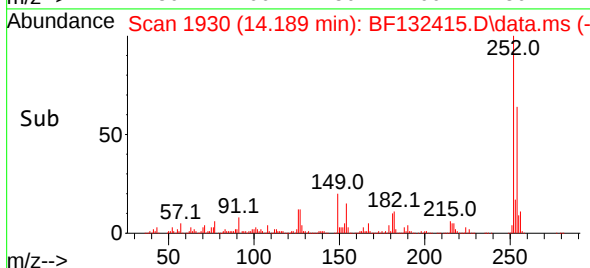
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

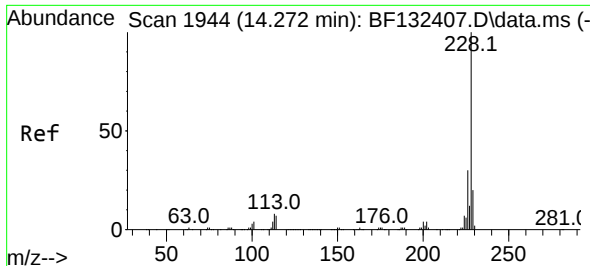


#82
3,3'-Dichlorobenzidine
Concen: 42.537 ng
RT: 14.189 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



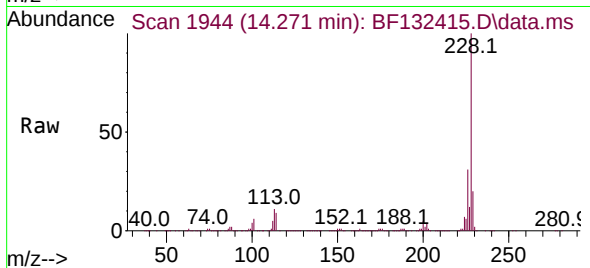
Tgt Ion:252 Resp: 325167
Ion Ratio Lower Upper
252 100
254 63.9 51.8 77.6
126 11.7 8.1 12.1





#83
Chrysene
Concen: 42.250 ng
RT: 14.271 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

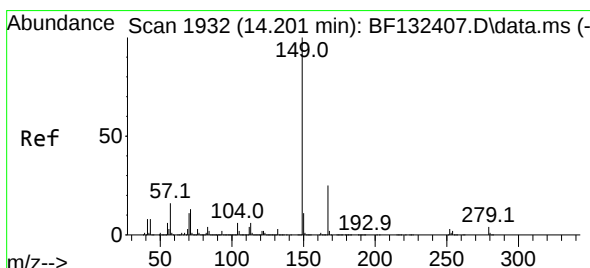
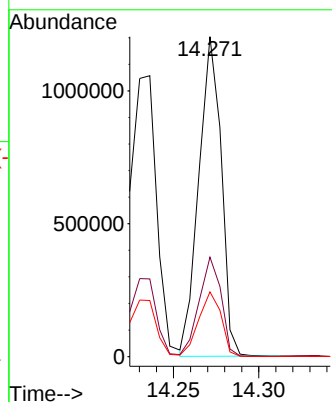
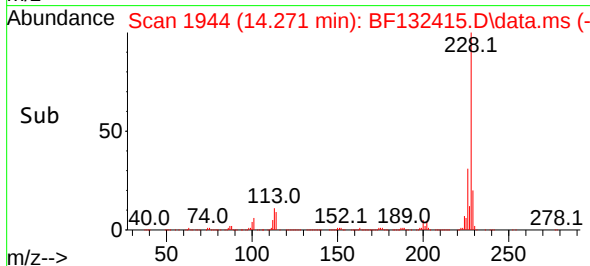
Instrument :
BNA_F
ClientSampleId :
PB150790BS



Tgt Ion:228 Resp: 1102053
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.4
229 20.2 16.0 24.0

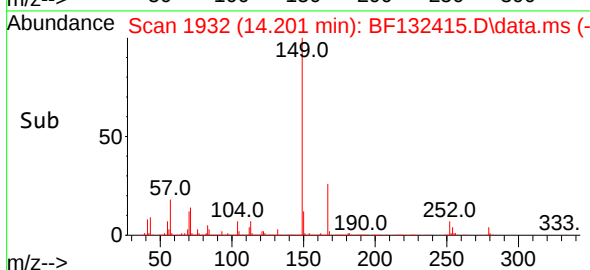
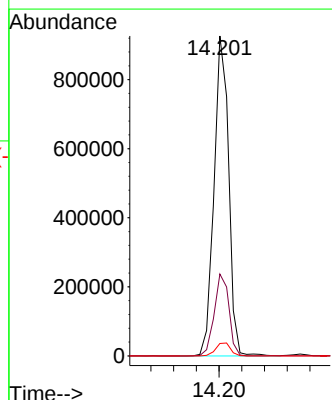
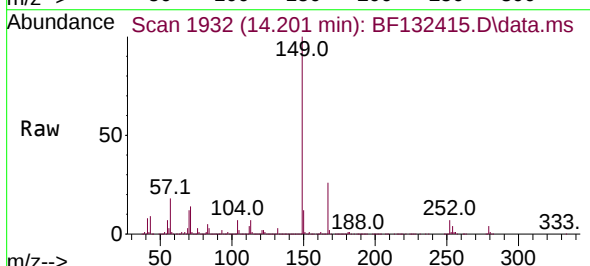
Manual Integrations
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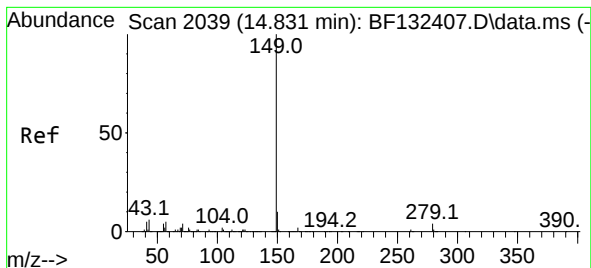
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.113 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

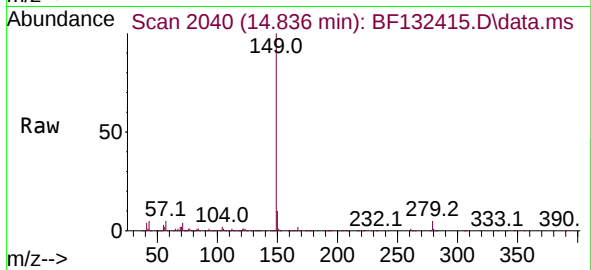
Tgt Ion:149 Resp: 828145
Ion Ratio Lower Upper
149 100
167 25.6 20.2 30.4
279 3.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 47.037 ng
RT: 14.836 min Scan# 2039
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

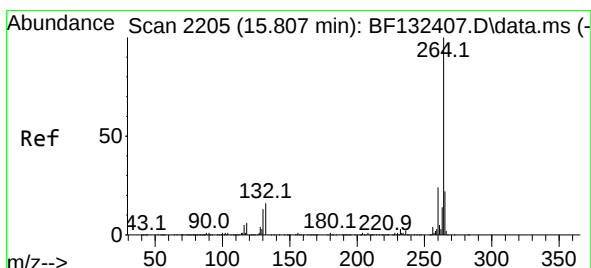
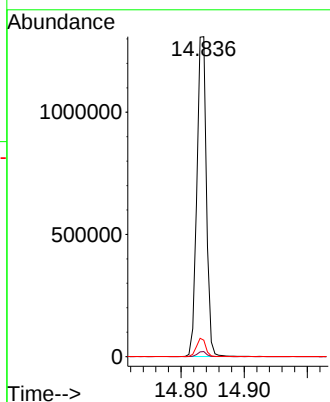
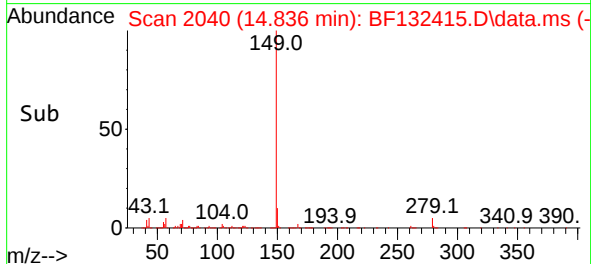
Instrument :
BNA_F
ClientSampleId :
PB150790BS



Tgt Ion:149 Resp: 1377337
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 5.6 4.6 6.8

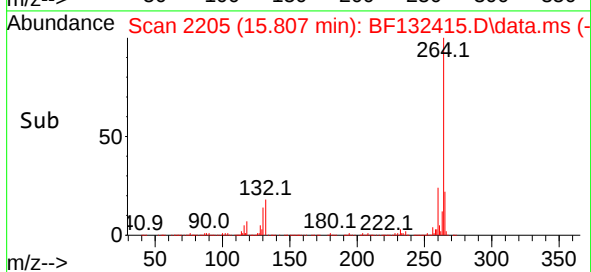
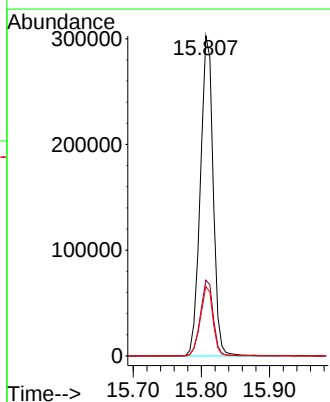
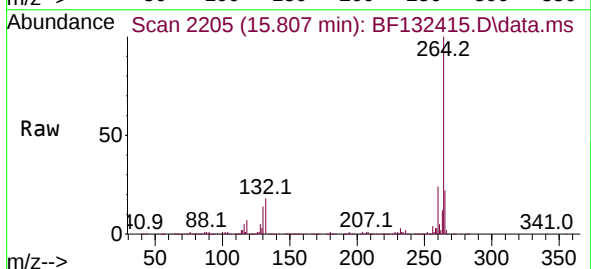
Manual Integrations
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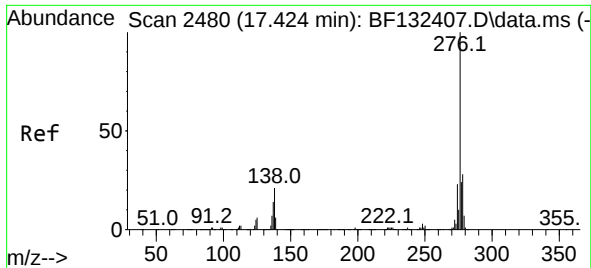
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.807 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

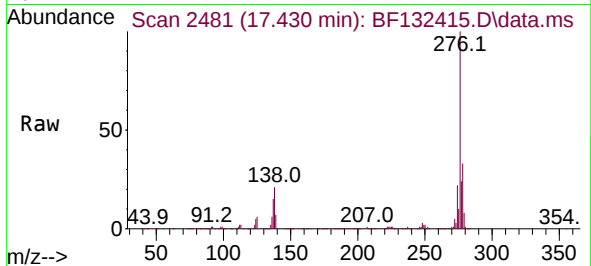
Tgt Ion:264 Resp: 395495
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.7 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.540 ng
RT: 17.430 min Scan# 2480
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

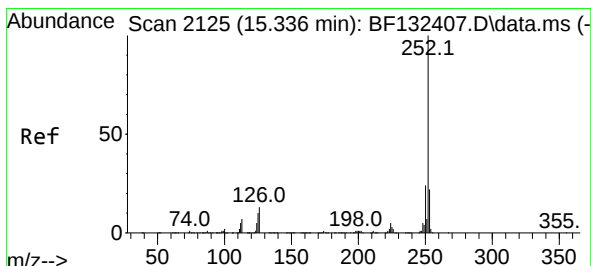
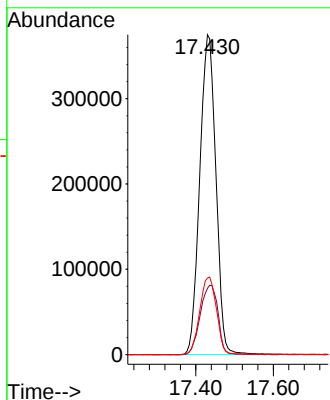
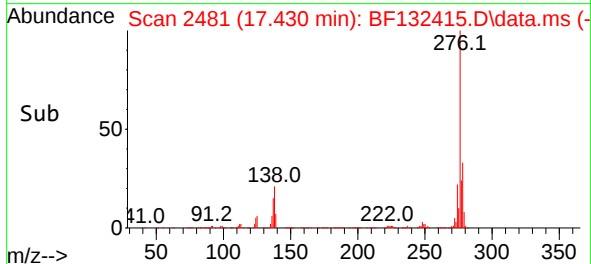
Instrument :
BNA_F
ClientSampleId :
PB150790BS



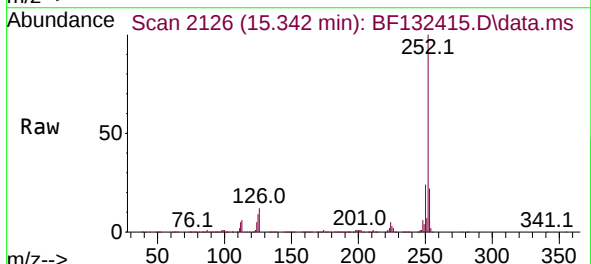
Tgt Ion:276 Resp: 108342
Ion Ratio Lower Upper
276 100
138 23.7 19.1 28.7
277 25.3 20.0 30.0

Manual Integrations
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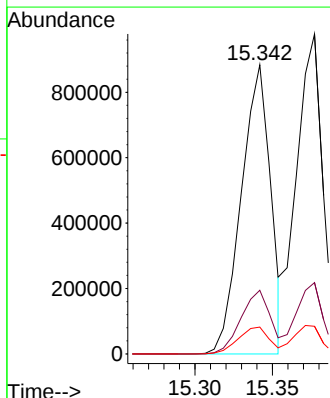
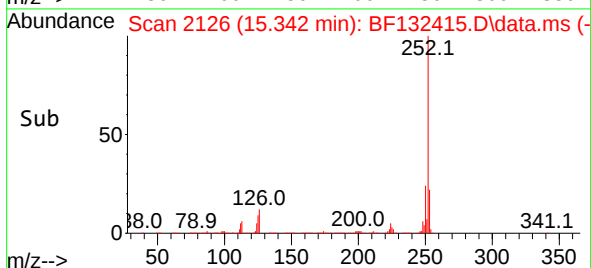
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

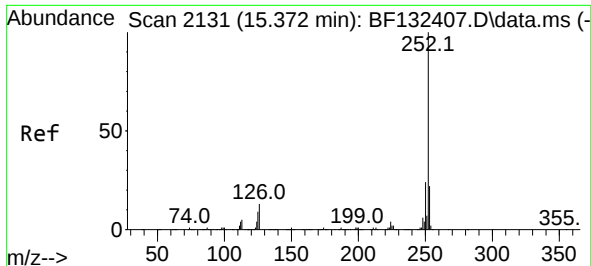


#88
Benzo(b)fluoranthene
Concen: 45.154 ng
RT: 15.342 min Scan# 2126
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01



Tgt Ion:252 Resp: 1159368
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 44.953 ng

RT: 15.377 min Scan# 2131

Delta R.T. 0.005 min

Lab File: BF132415.D

Acq: 13 Feb 2023 18:01

Instrument :

BNA_F

ClientSampleId :

PB150790BS

Tgt Ion:252 Resp: 1148114

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

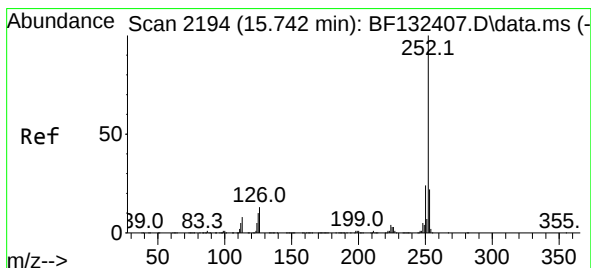
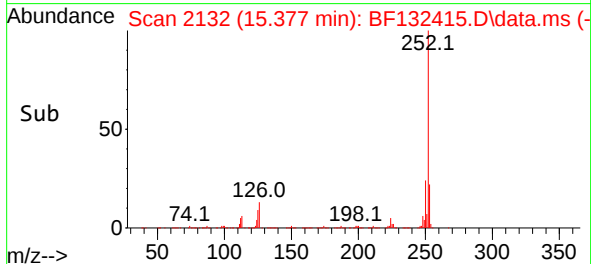
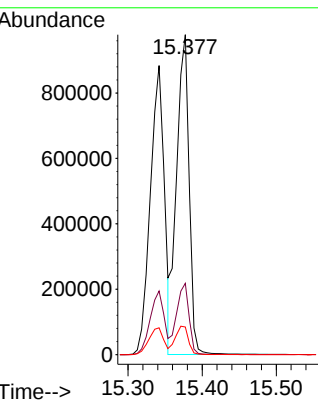
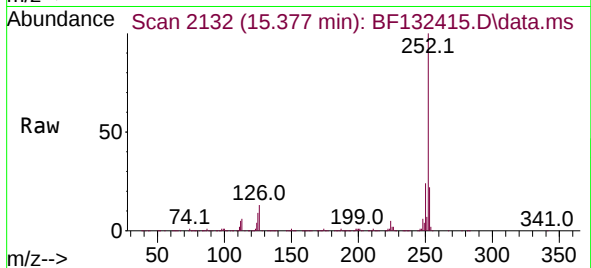
125 8.6 7.4 11.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#90

Benzo(a)pyrene

Concen: 41.580 ng

RT: 15.742 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BF132415.D

Acq: 13 Feb 2023 18:01

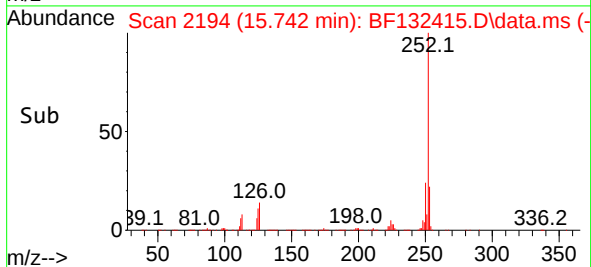
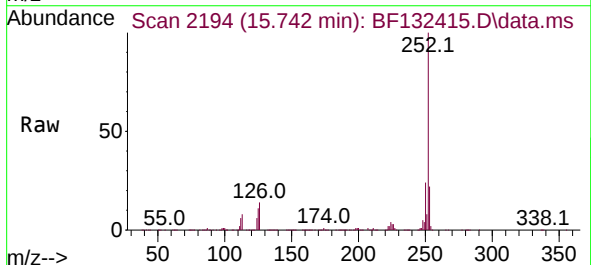
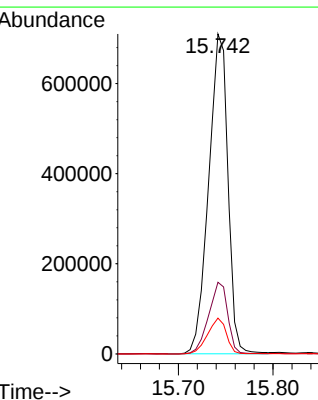
Tgt Ion:252 Resp: 1002666

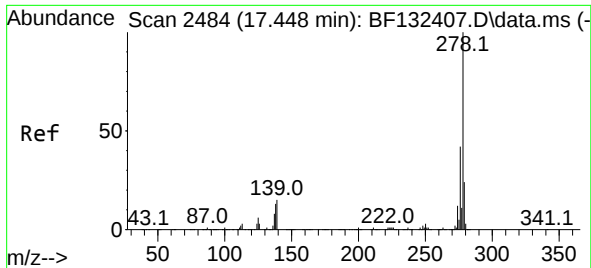
Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 11.2 8.3 12.5





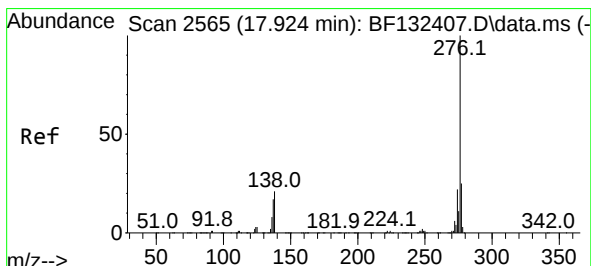
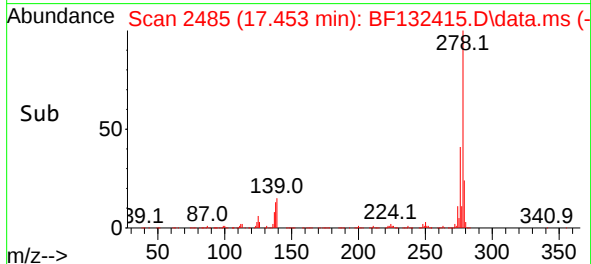
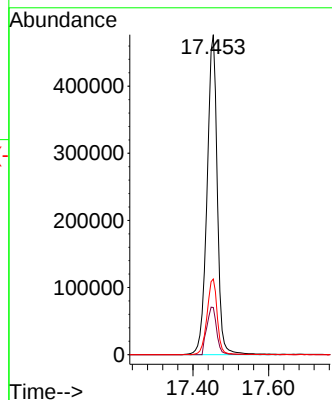
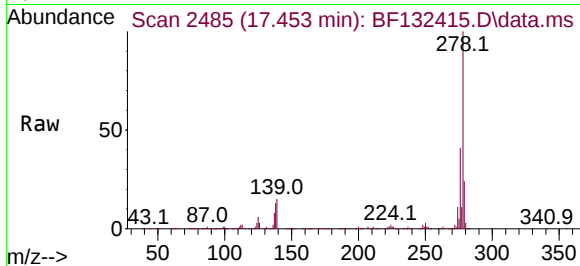
#91
Dibenzo(a,h)anthracene
Concen: 38.422 ng
RT: 17.453 min Scan# 2485
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Instrument :
BNA_F
ClientSampleId :
PB150790BS

Tgt Ion:278 Resp: 899573
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.8
279 23.7 19.4 29.0

Manual Integrations
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Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#92
Benzo(g,h,i)perylene
Concen: 37.734 ng
RT: 17.930 min Scan# 2566
Delta R.T. 0.005 min
Lab File: BF132415.D
Acq: 13 Feb 2023 18:01

Tgt Ion:276 Resp: 870201
Ion Ratio Lower Upper
276 100
277 23.9 19.6 29.4
138 19.8 16.6 25.0

