

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132413.D
 Acq On : 13 Feb 2023 16:54
 Operator : CG\JU
 Sample : PB150810BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150810BS

Manual Integrations
 APPROVED

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

Quant Time: Feb 14 01:37:17 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	195661	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	365754	20.000	ng	0.00
39) Acenaphthene-d10	10.083	164	183947	20.000	ng	0.00
64) Phenanthrene-d10	11.583	188	341450	20.000	ng	# 0.00
76) Chrysene-d12	14.242	240	248300	20.000	ng	0.00
86) Perylene-d12	15.807	264	240650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	1409427	131.451	ng	0.02
7) Phenol-d6	6.660	99	1740980	130.284	ng	0.00
23) Nitrobenzene-d5	7.601	82	519372	84.711	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	368934	150.717	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	1121385	88.255	ng	0.00
79) Terphenyl-d14	13.177	244	1381924	93.603	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.060	88	133429	16.936	ng	99
3) Pyridine	3.790	79	502231	35.230	ng	97
4) n-Nitrosodimethylamine	3.754	42	177116	38.050	ng	86
6) Aniline	6.701	93	495012m	34.074	ng	
8) 2-Chlorophenol	6.819	128	580152	45.208	ng	97
9) Benzaldehyde	6.584	77	150071	30.540	ng	94
10) Phenol	6.672	94	615947	45.180	ng	96
11) bis(2-Chloroethyl)ether	6.766	93	567578	41.433	ng	98
12) 1,3-Dichlorobenzene	6.972	146	619184	44.015	ng	97
13) 1,4-Dichlorobenzene	7.048	146	622984	44.121	ng	98
14) 1,2-Dichlorobenzene	7.201	146	595249	44.834	ng	99
15) Benzyl Alcohol	7.172	79	391048	49.037	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.301	45	447962	41.180	ng	98
17) 2-Methylphenol	7.278	107	431149	37.240	ng	99
18) Hexachloroethane	7.548	117	118364	21.130	ng	97
19) n-Nitroso-di-n-propyla...	7.448	70	253441	33.237	ng	96
20) 3+4-Methylphenols	7.431	107	467831	32.160	ng	93
22) Acetophenone	7.442	105	614062	72.019	ng	99
24) Nitrobenzene	7.619	77	250544	41.061	ng	99
25) Isophorone	7.854	82	466450	43.184	ng	99
26) 2-Nitrophenol	7.937	139	157302	46.978	ng	94
27) 2,4-Dimethylphenol	7.966	122	253436	46.423	ng	99
28) bis(2-Chloroethoxy)met...	8.060	93	292541	41.903	ng	99
29) 2,4-Dichlorophenol	8.178	162	240284	44.482	ng	95
30) 1,2,4-Trichlorobenzene	8.260	180	274929	44.813	ng	97
31) Naphthalene	8.342	128	794376	41.436	ng	99
32) Benzoic acid	8.089	122	175357	61.206	ng	99
33) 4-Chloroaniline	8.419	127	120647	17.117	ng	99
34) Hexachlorobutadiene	8.454	225	177698	45.372	ng	99
35) Caprolactam	8.760	113	69522m	42.957	ng	
36) 4-Chloro-3-methylphenol	8.866	107	243048	41.752	ng	99
37) 2-Methylnaphthalene	9.036	142	534823	35.749	ng	99
38) 1-Methylnaphthalene	9.136	142	494094	34.992	ng	97
40) 1,2,4,5-Tetrachloroben...	9.201	216	266915	45.994	ng	98
41) Hexachlorocyclopentadiene	9.189	237	392840	111.185	ng	99
43) 2,4,6-Trichlorophenol	9.313	196	179276	45.491	ng	99

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Manual Integrations
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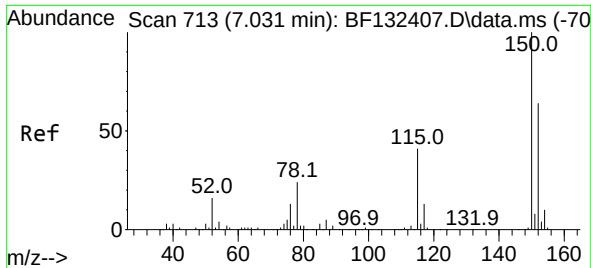
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.360	196	188828	41.833	ng	100
46) 1,1'-Biphenyl	9.501	154	660199	44.004	ng	98
47) 2-Chloronaphthalene	9.531	162	502815	43.807	ng	98
48) 2-Nitroaniline	9.625	65	115324	43.056	ng	95
49) Acenaphthylene	9.948	152	777186	42.591	ng	99
50) Dimethylphthalate	9.801	163	589006	42.513	ng	99
51) 2,6-Dinitrotoluene	9.866	165	132059	43.448	ng	97
52) Acenaphthene	10.119	154	581623	49.465	ng	99
53) 3-Nitroaniline	10.036	138	103345	30.568	ng	99
54) 2,4-Dinitrophenol	10.142	184	170121	100.664	ng	# 85
55) Dibenzofuran	10.295	168	693646	42.352	ng	99
56) 4-Nitrophenol	10.195	139	224054	88.910	ng	88
57) 2,4-Dinitrotoluene	10.272	165	177597	44.476	ng	100
58) Fluorene	10.636	166	550409	43.224	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.407	232	157346	45.416	ng	99
60) Diethylphthalate	10.501	149	597182	43.056	ng	98
61) 4-Chlorophenyl-phenyle...	10.625	204	272239	42.554	ng	95
62) 4-Nitroaniline	10.660	138	131370	42.431	ng	87
63) Azobenzene	10.789	77	448591	40.980	ng	95
65) 4,6-Dinitro-2-methylph...	10.678	198	102922	48.485	ng	89
66) n-Nitrosodiphenylamine	10.748	169	470859	42.716	ng	100
67) 4-Bromophenyl-phenylether	11.119	248	175059	43.926	ng	96
68) Hexachlorobenzene	11.189	284	215029	48.781	ng	# 90
69) Atrazine	11.272	200	153956	49.811	ng	98
70) Pentachlorophenol	11.383	266	238041	90.257	ng	99
71) Phenanthrene	11.607	178	808485	43.431	ng	99
72) Anthracene	11.660	178	819372	42.977	ng	99
73) Carbazole	11.813	167	710958	43.454	ng	99
74) Di-n-butylphthalate	12.130	149	909824	44.283	ng	99
75) Fluoranthene	12.807	202	841443	45.675	ng	96
77) Benzidine	12.924	184	267695	75.777	ng	99
78) Pyrene	13.036	202	862839	41.931	ng	99
80) Butylbenzylphthalate	13.648	149	378577	44.384	ng	93
81) Benzo(a)anthracene	14.230	228	792144	43.850	ng	99
82) 3,3'-Dichlorobenzidine	14.189	252	203623	40.758	ng	98
83) Chrysene	14.271	228	735555	43.149	ng	100
84) Bis(2-ethylhexyl)phtha...	14.201	149	541955	45.174	ng	99
85) Di-n-octyl phthalate	14.830	149	886674	46.333	ng	100
87) Indeno(1,2,3-cd)pyrene	17.430	276	693103	40.520	ng	97
88) Benzo(b)fluoranthene	15.342	252	763281	48.856	ng	# 98
89) Benzo(k)fluoranthene	15.377	252	750493m	48.292	ng	
90) Benzo(a)pyrene	15.742	252	654620	44.614	ng	99
91) Dibenzo(a,h)anthracene	17.448	278	589178	41.357	ng	99
92) Benzo(g,h,i)perylene	17.930	276	555603	39.594	ng	95

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

Manual Integrations

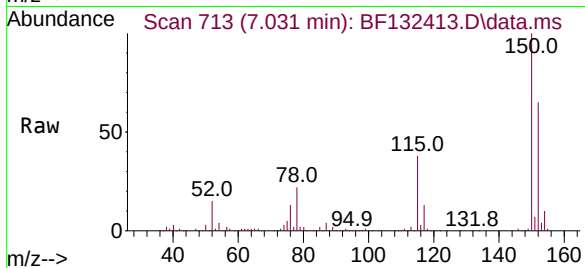
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

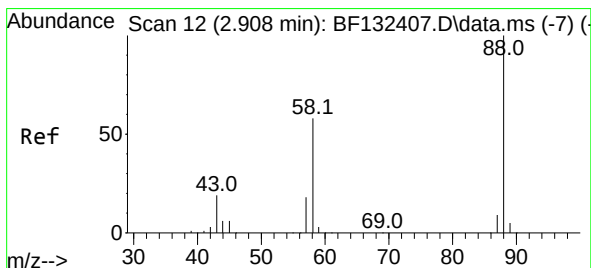
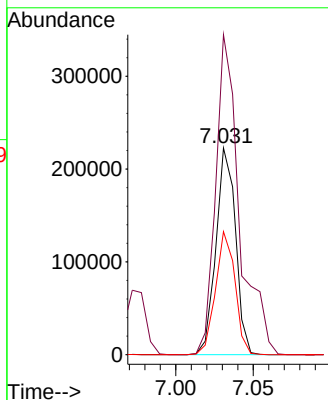
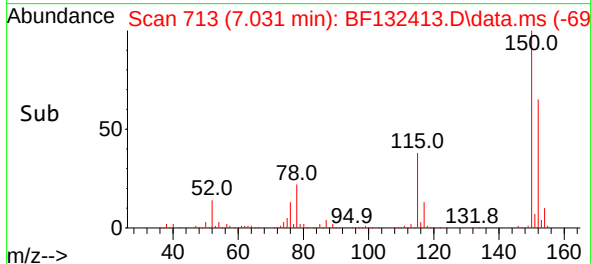
Instrument :
BNA_F
ClientSampleId :
PB150810BS



Tgt Ion:152 Resp: 195663
Ion Ratio Lower Upper
152 100
150 154.8 124.4 186.6
115 59.4 50.6 75.8

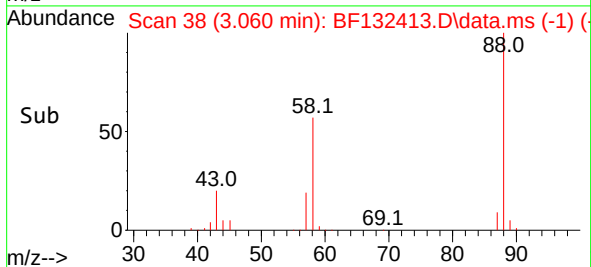
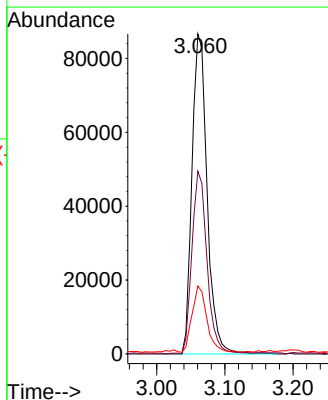
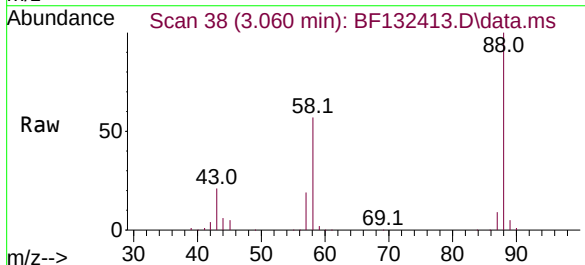
Manual Integrations
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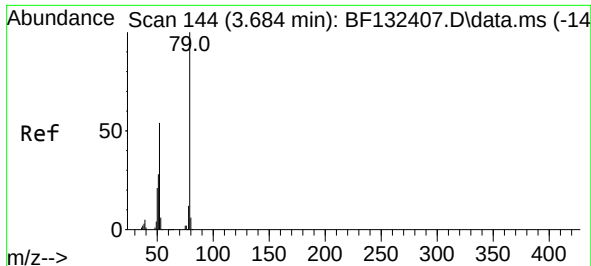
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#2
1,4-Dioxane
Concen: 16.936 ng
RT: 3.060 min Scan# 38
Delta R.T. 0.152 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

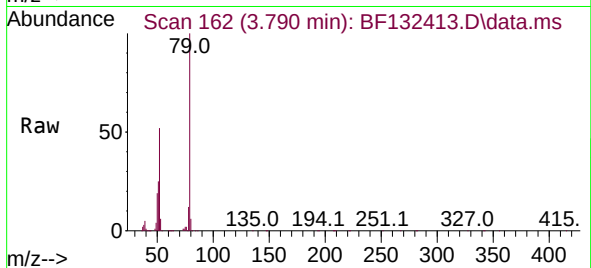
Tgt Ion: 88 Resp: 133429
Ion Ratio Lower Upper
88 100
58 57.3 45.7 68.5
43 20.4 15.0 22.4





#3
Pyridine
Concen: 35.230 ng
RT: 3.790 min Scan# 10
Delta R.T. 0.106 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

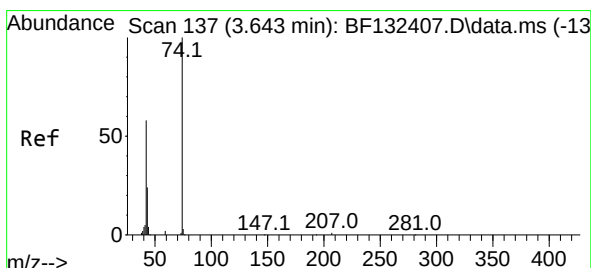
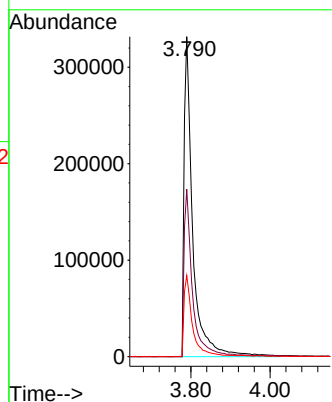
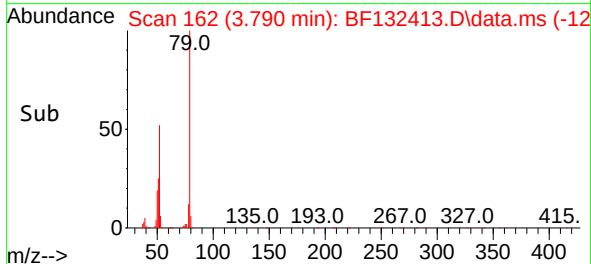
Instrument :
BNA_F
ClientSampleId :
PB150810BS



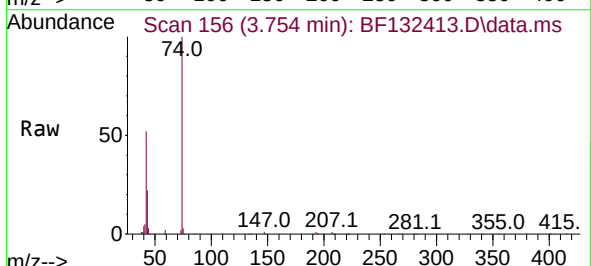
Tgt Ion: 79 Resp: 502231
Ion Ratio Lower Upper
79 100
52 52.3 43.3 64.9
51 25.3 22.1 33.1

Manual Integrations
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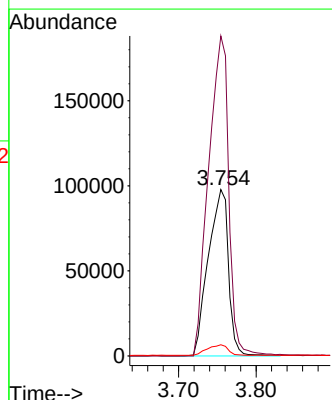
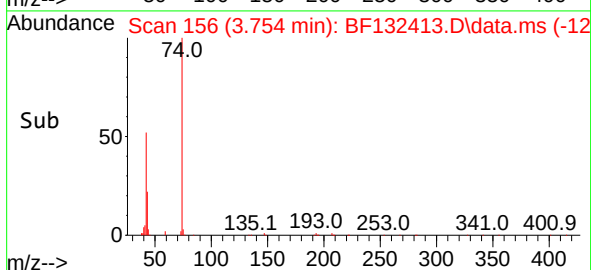
Reviewed By :Christian Giraldo 02/14/2023
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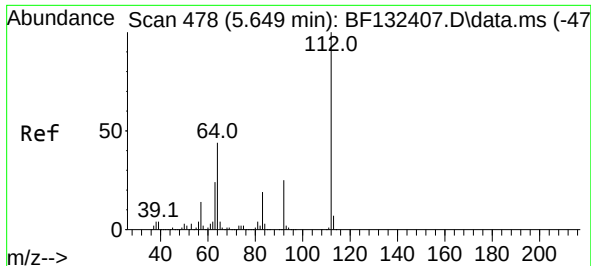


#4
n-Nitrosodimethylamine
Concen: 38.050 ng
RT: 3.754 min Scan# 156
Delta R.T. 0.111 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



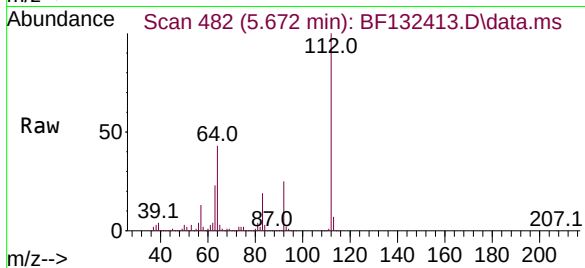
Tgt Ion: 42 Resp: 177116
Ion Ratio Lower Upper
42 100
74 192.5 137.8 206.6
44 6.7 5.8 8.6





#5
2-Fluorophenol
Concen: 131.451 ng
RT: 5.672 min Scan# 482
Delta R.T. 0.023 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

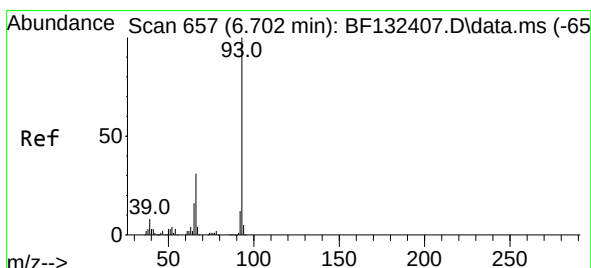
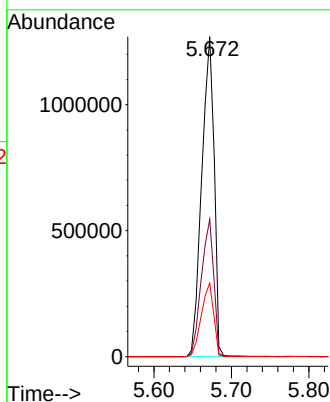
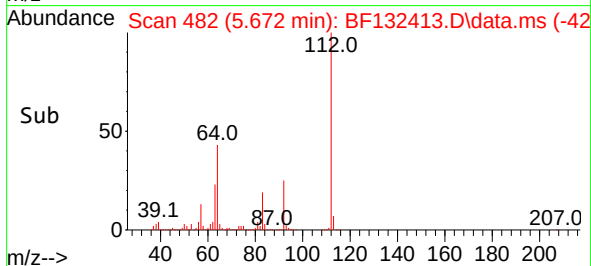
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Tgt Ion: 112 Resp: 140942
Ion Ratio Lower Upper
112 100
64 42.9 34.8 52.2
63 23.0 19.3 28.9

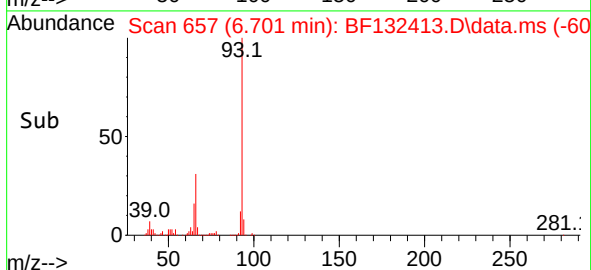
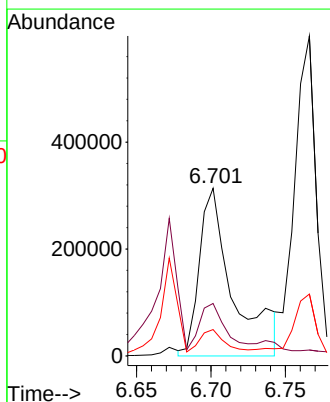
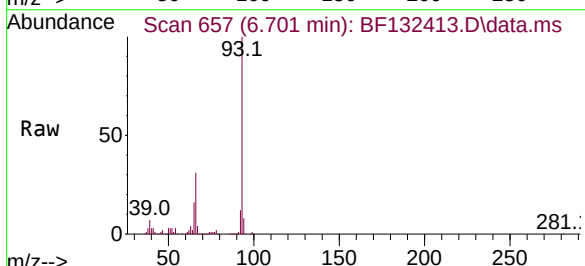
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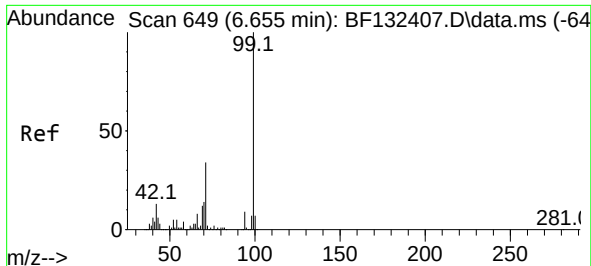
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#6
Aniline
Concen: 34.074 ng m
RT: 6.701 min Scan# 657
Delta R.T. -0.001 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

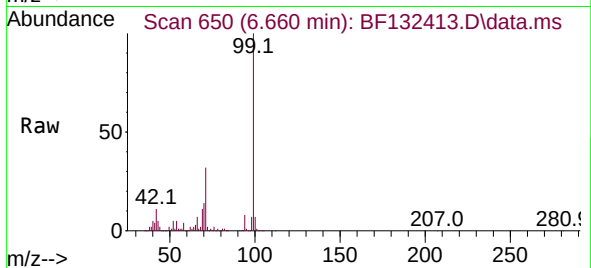
Tgt Ion: 93 Resp: 495012
Ion Ratio Lower Upper
93 100
66 31.3 25.7 38.5
65 15.7 13.1 19.7





#7
Phenol-d6
Concen: 130.284 ng
RT: 6.660 min Scan# 649
Delta R.T. 0.005 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

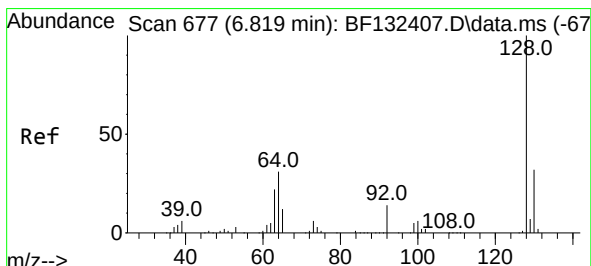
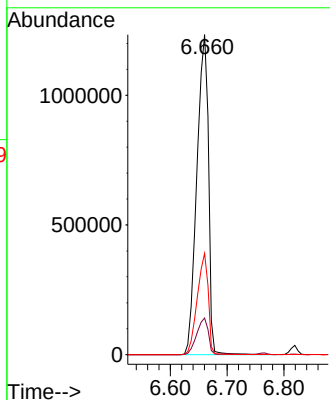
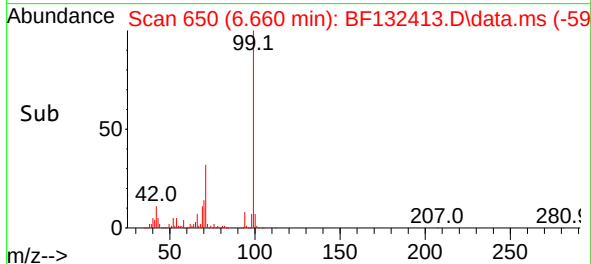
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ClientSampleId :
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Tgt Ion: 99 Resp: 1740980
Ion Ratio Lower Upper
99 100
42 11.4 10.1 15.1
71 31.6 26.8 40.2

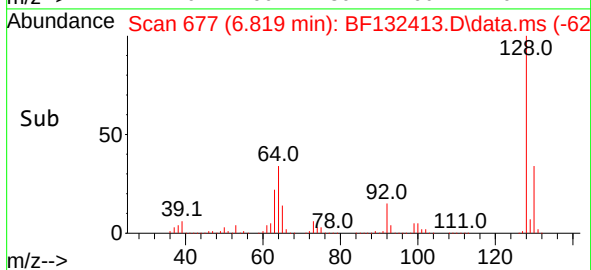
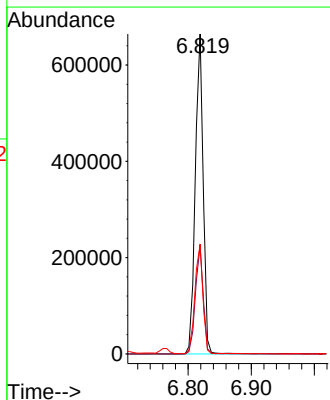
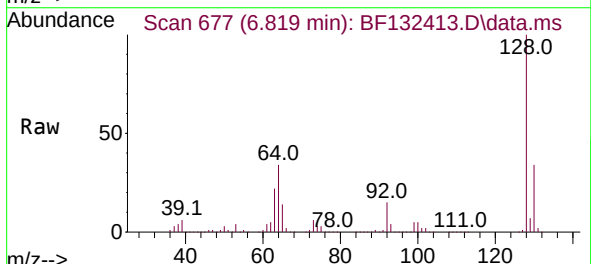
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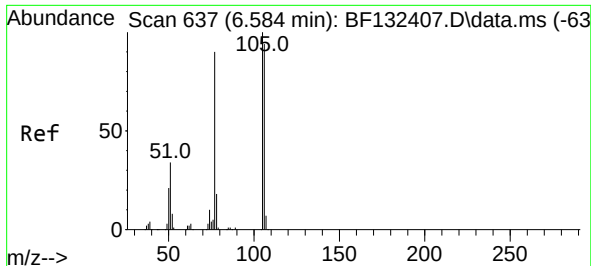
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#8
2-Chlorophenol
Concen: 45.208 ng
RT: 6.819 min Scan# 677
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

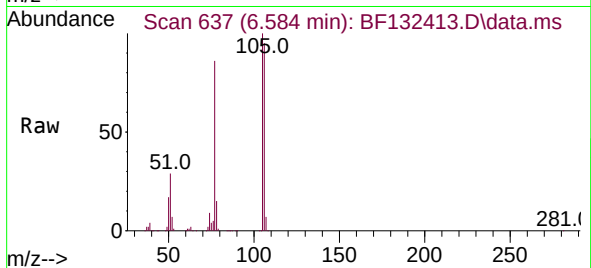
Tgt Ion:128 Resp: 580152
Ion Ratio Lower Upper
128 100
130 33.8 12.0 52.0
64 34.3 12.3 52.3





#9
Benzaldehyde
Concen: 30.540 ng
RT: 6.584 min Scan# 637
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

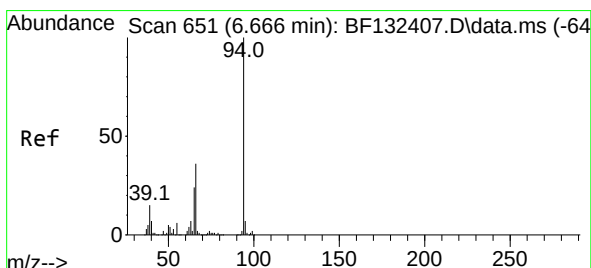
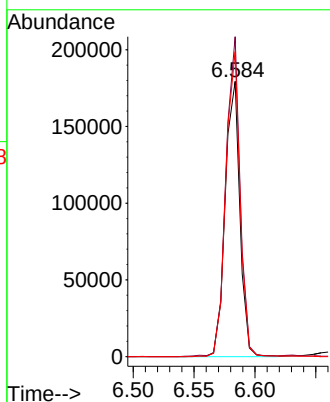
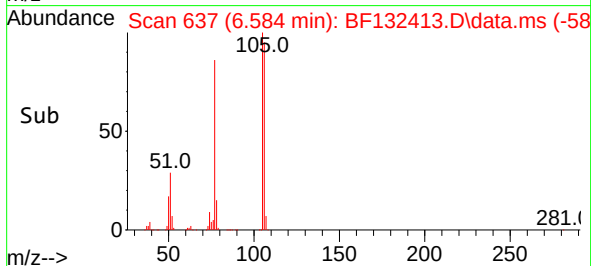
Instrument :
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Tgt Ion: 77 Resp: 150071
Ion Ratio Lower Upper
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105 116.3 91.1 131.1
106 110.8 84.2 124.2

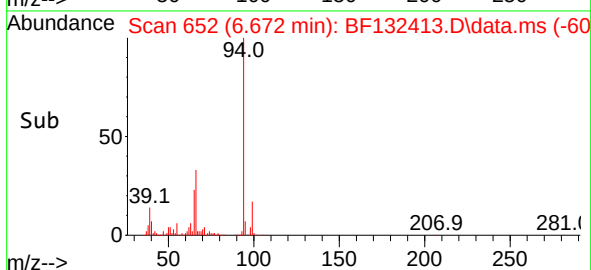
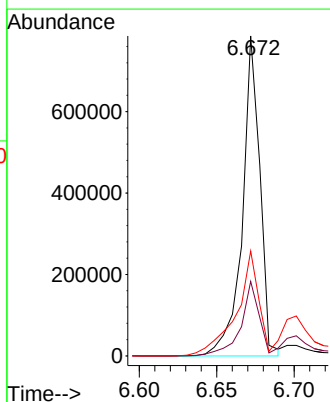
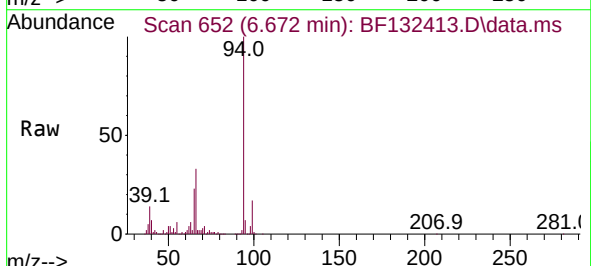
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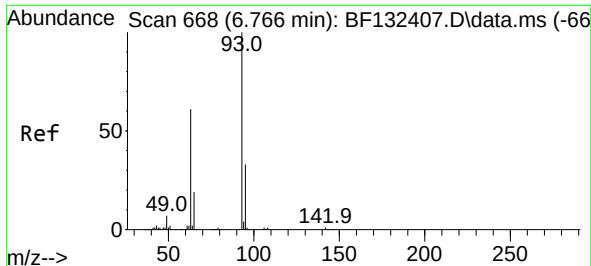
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#10
Phenol
Concen: 45.180 ng
RT: 6.672 min Scan# 652
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

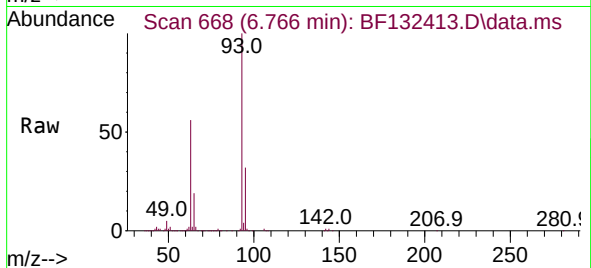
Tgt Ion: 94 Resp: 615947
Ion Ratio Lower Upper
94 100
65 23.3 4.3 44.3
66 32.8 16.2 56.2





#11
bis(2-Chloroethyl)ether
Concen: 41.433 ng
RT: 6.766 min Scan# 60
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

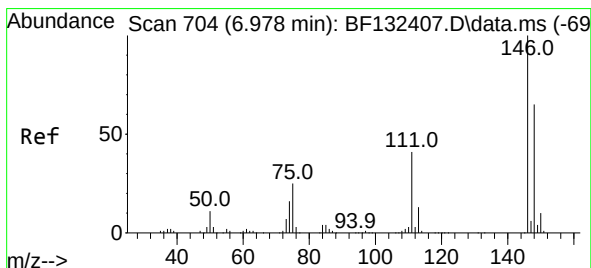
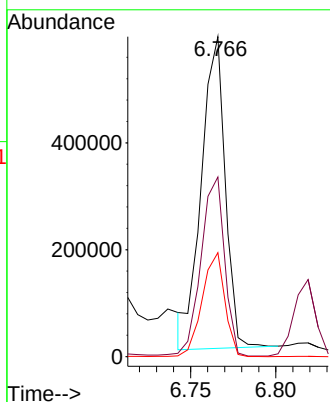
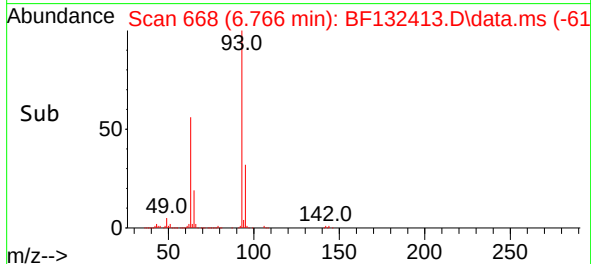
Instrument :
BNA_F
ClientSampleId :
PB150810BS



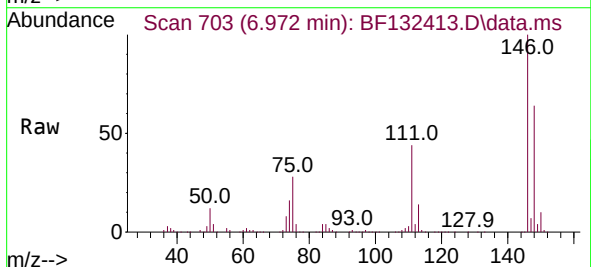
Tgt Ion: 93 Resp: 567578
Ion Ratio Lower Upper
93 100
63 56.1 37.9 77.9
95 32.5 11.7 51.7

Manual Integrations
APPROVED

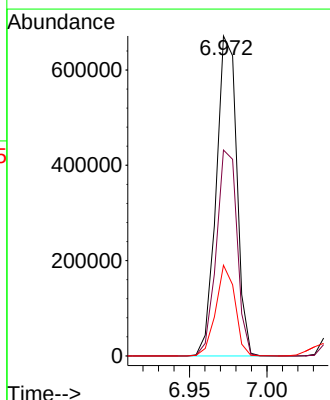
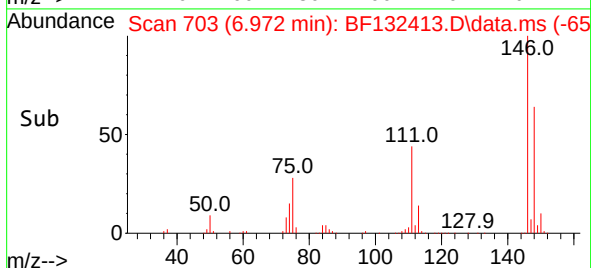
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

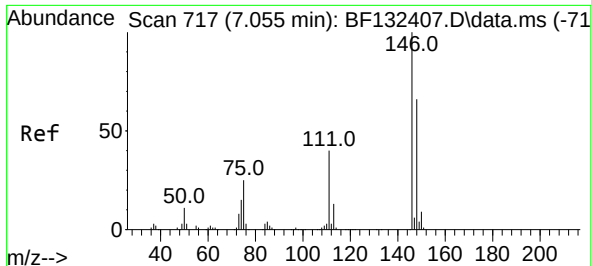


#12
1,3-Dichlorobenzene
Concen: 44.015 ng
RT: 6.972 min Scan# 703
Delta R.T. -0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



Tgt Ion:146 Resp: 619184
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.4
75 28.3 20.0 30.0





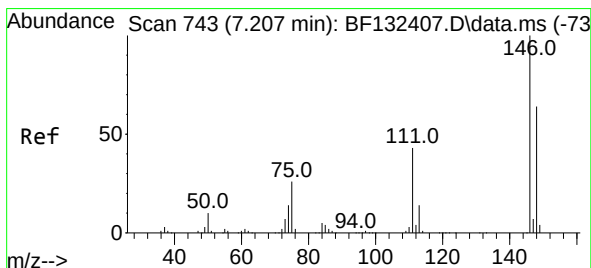
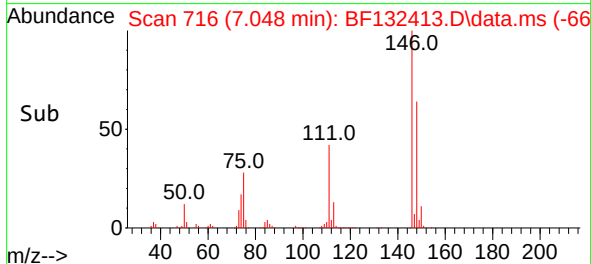
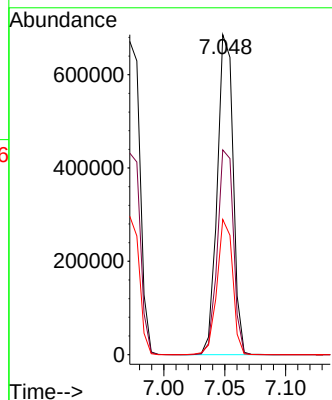
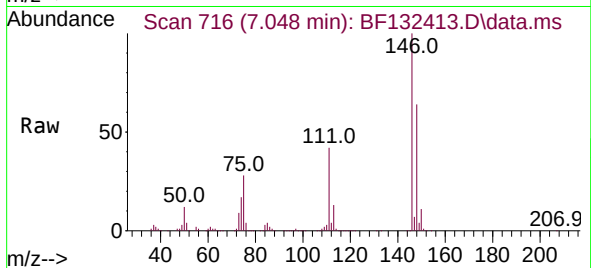
#13
1,4-Dichlorobenzene
Concen: 44.121 ng
RT: 7.048 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Instrument :
BNA_F
ClientSampleId :
PB150810BS

Tgt Ion:146 Resp: 622984
Ion Ratio Lower Upper
146 100
148 64.0 52.4 78.6
111 42.2 32.2 48.2

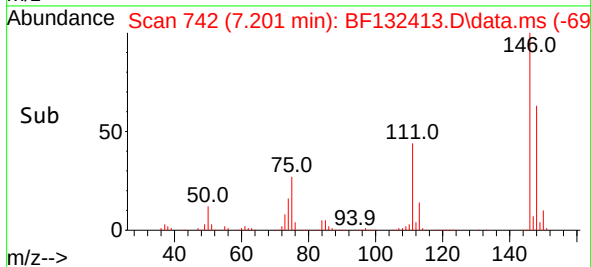
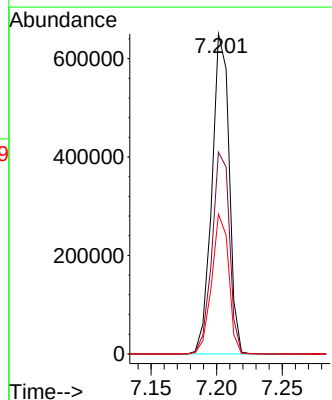
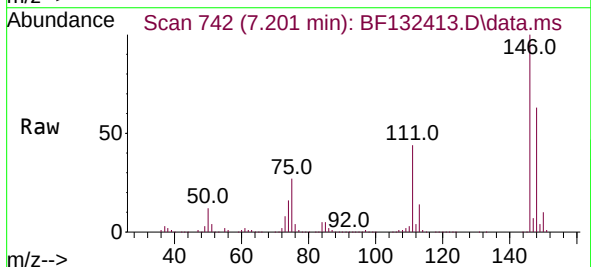
Manual Integrations
APPROVED

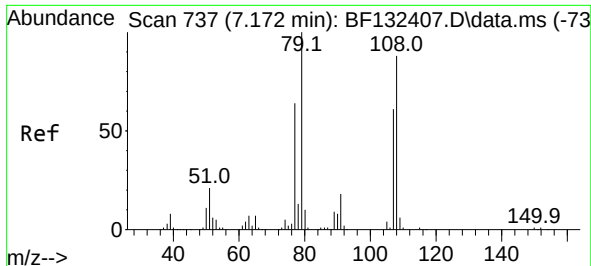
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#14
1,2-Dichlorobenzene
Concen: 44.834 ng
RT: 7.201 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion:146 Resp: 595249
Ion Ratio Lower Upper
146 100
148 63.0 51.2 76.8
111 43.6 34.2 51.4





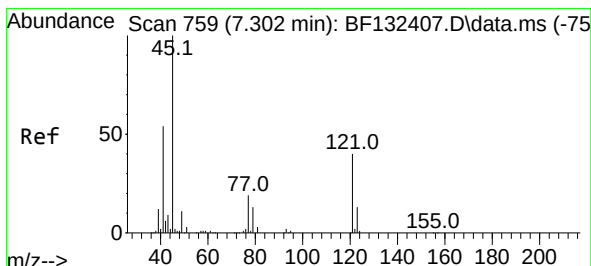
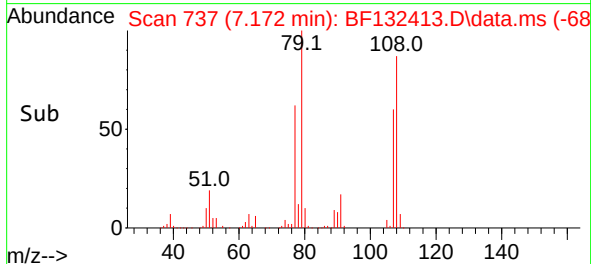
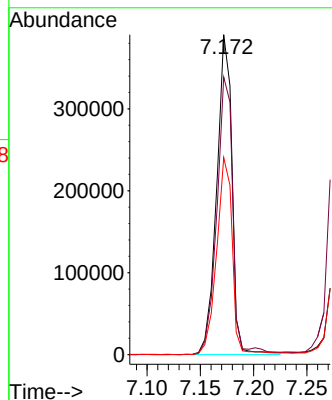
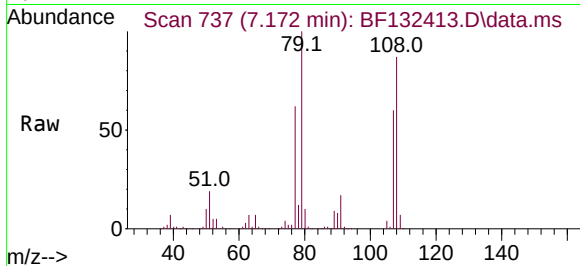
#15
Benzyl Alcohol
Concen: 49.037 ng
RT: 7.172 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Instrument :
BNA_F
ClientSampleId :
PB150810BS

Tgt Ion: 79 Resp: 391048
Ion Ratio Lower Upper
79 100
108 86.7 70.2 105.2
77 61.6 51.1 76.7

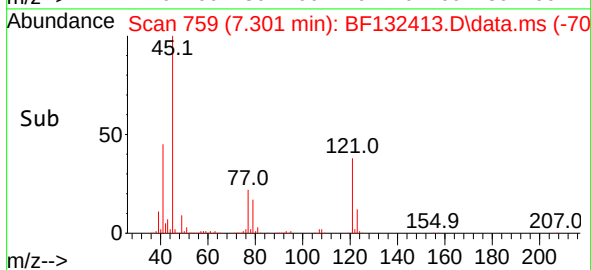
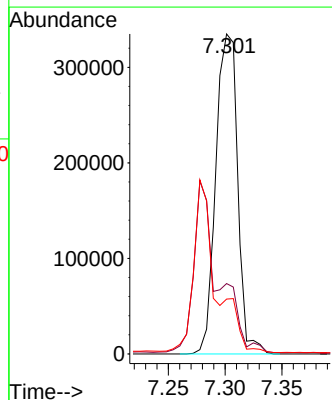
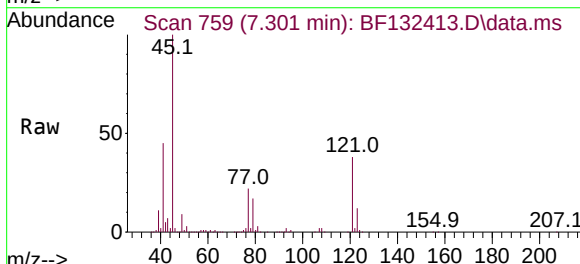
Manual Integrations
APPROVED

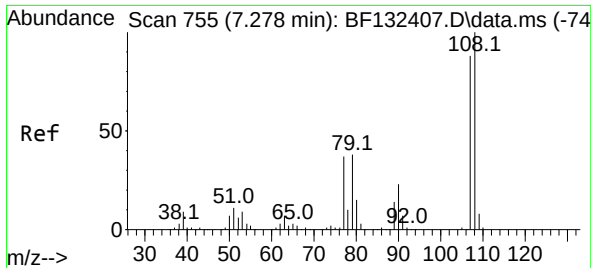
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.180 ng
RT: 7.301 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion: 45 Resp: 447962
Ion Ratio Lower Upper
45 100
77 22.0 1.3 41.3
79 17.1 0.0 35.9





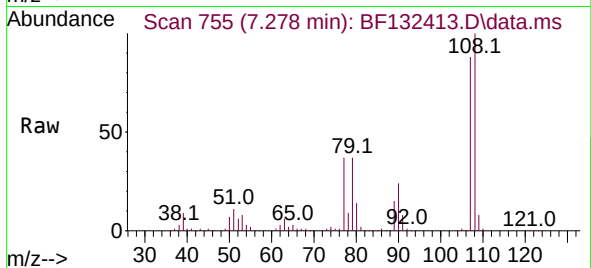
#17
2-Methylphenol
Concen: 37.240 ng
RT: 7.278 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

PB150810BS

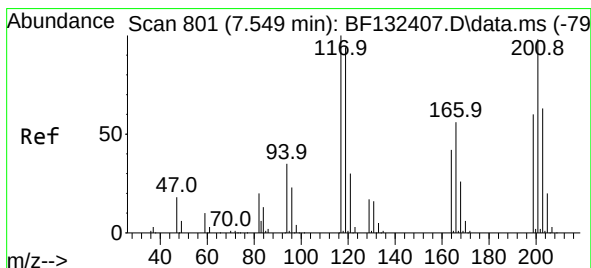
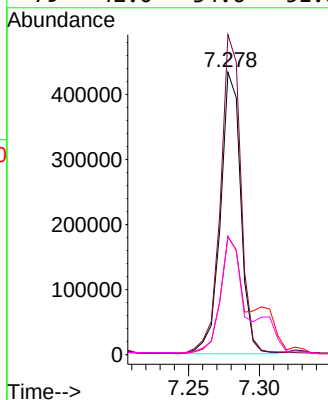
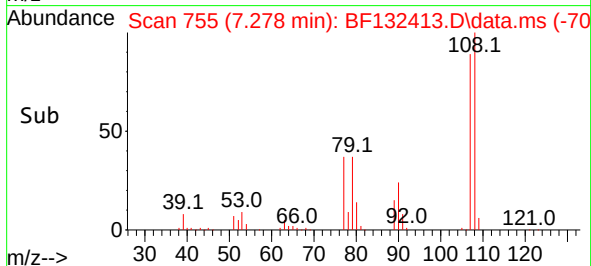


Tgt Ion:107 Resp: 431149
Ion Ratio Lower Upper
107 100
108 113.4 90.6 135.8
77 41.7 33.8 50.8
79 42.0 34.6 51.8

Manual Integrations

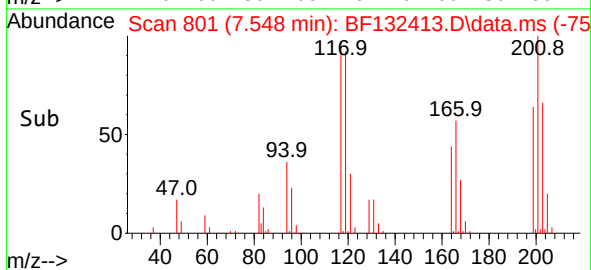
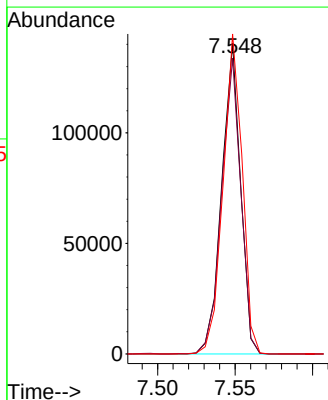
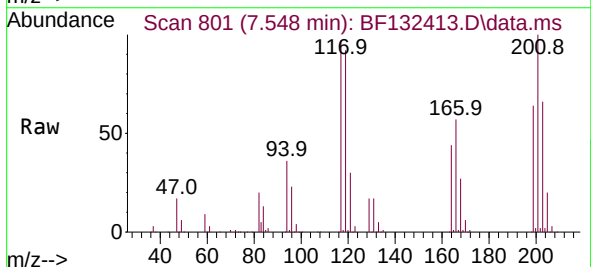
APPROVED

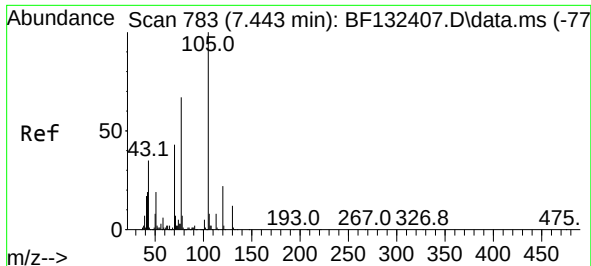
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#18
Hexachloroethane
Concen: 21.130 ng
RT: 7.548 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

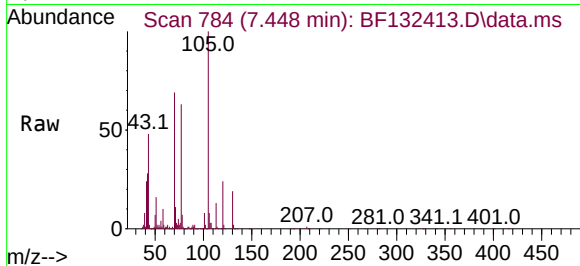
Tgt Ion:117 Resp: 118364
Ion Ratio Lower Upper
117 100
119 95.1 75.3 112.9
201 103.0 78.7 118.1





#19
n-Nitroso-di-n-propylamine
Concen: 33.237 ng
RT: 7.448 min Scan# 784
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

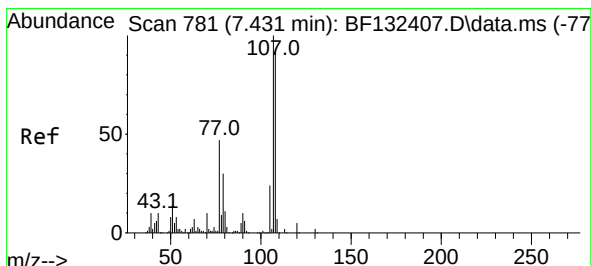
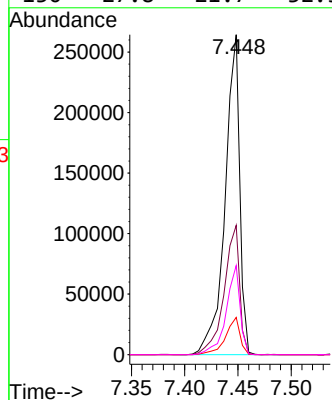
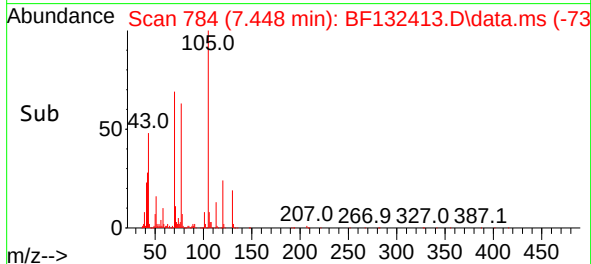
Instrument :
BNA_F
ClientSampleId :
PB150810BS



Tgt Ion: 70 Resp: 25344
Ion Ratio Lower Upper
70 100
42 40.4 36.0 54.0
101 11.6 9.4 14.2
130 27.8 21.7 32.5

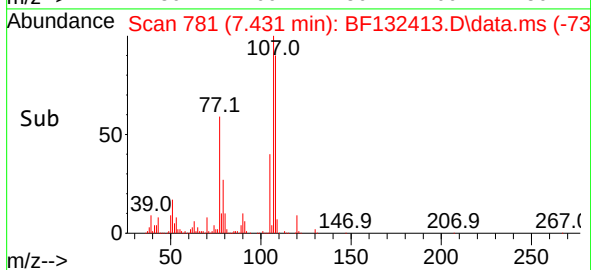
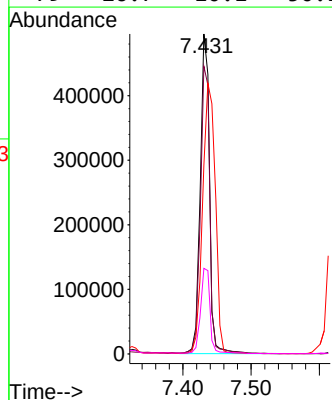
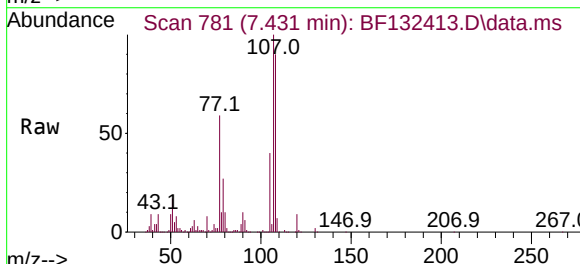
Manual Integrations
APPROVED

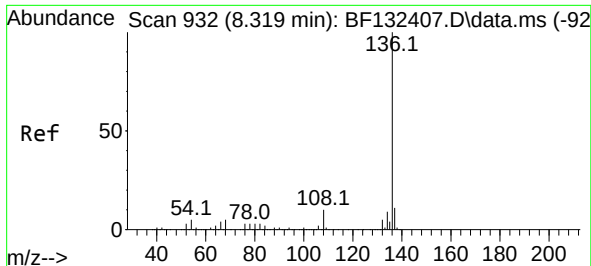
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#20
3+4-Methylphenols
Concen: 32.160 ng
RT: 7.431 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion:107 Resp: 467831
Ion Ratio Lower Upper
107 100
108 89.9 72.0 112.0
77 59.0 27.4 67.4
79 26.7 10.1 50.1





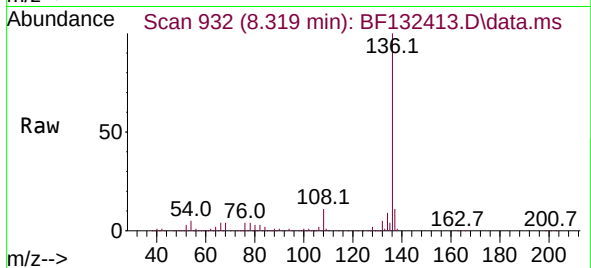
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 932
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

PB150810BS

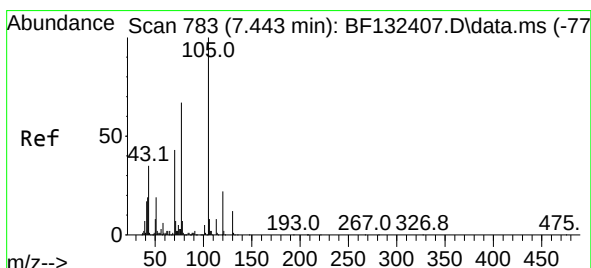
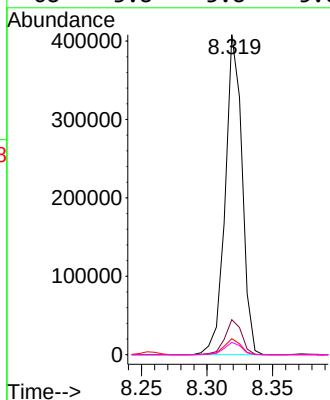
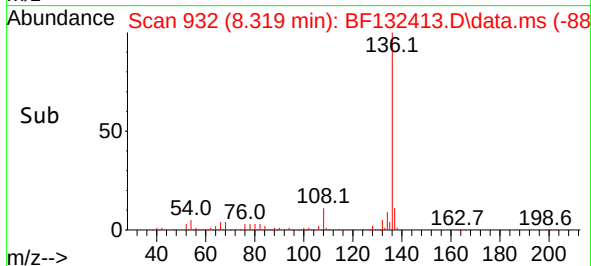


Tgt Ion:136 Resp: 365754
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 5.0 4.2 6.2
68 3.8 3.8 5.6

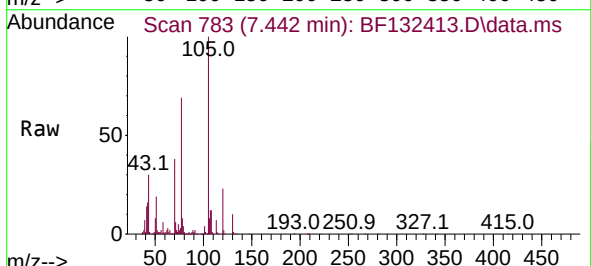
Manual Integrations

APPROVED

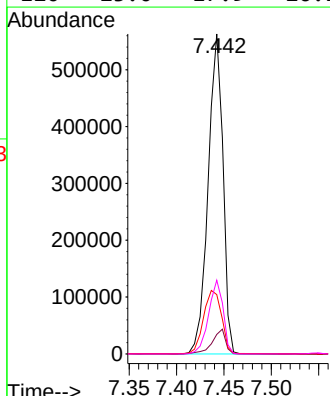
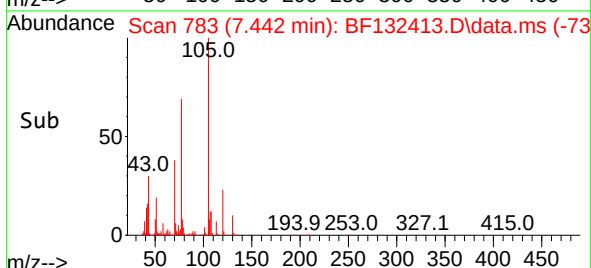
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

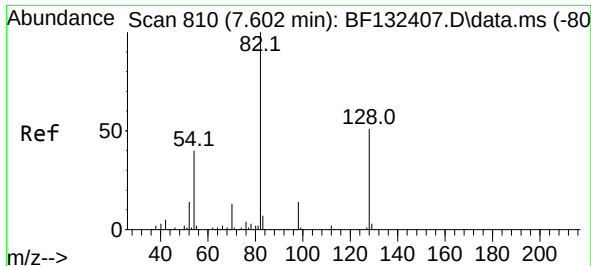


#22
Acetophenone
Concen: 72.019 ng
RT: 7.442 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



Tgt Ion:105 Resp: 614062
Ion Ratio Lower Upper
105 100
71 6.1 5.4 8.2
51 18.5 14.9 22.3
120 23.0 17.9 26.9





#23

Nitrobenzene-d5

Concen: 84.711 ng

RT: 7.601 min Scan# 810

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

PB150810BS

Tgt Ion: 82 Resp: 519372

Ion Ratio Lower Upper

82 100

128 50.1 40.7 61.1

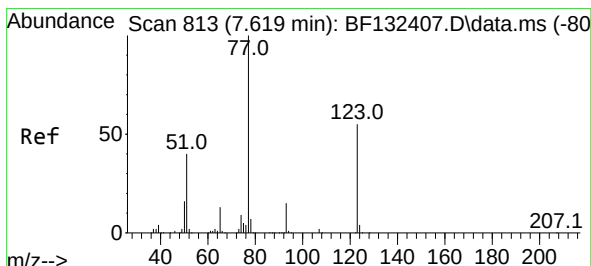
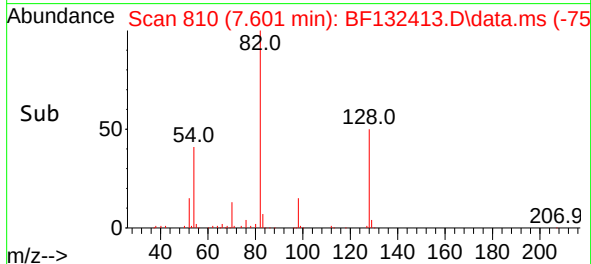
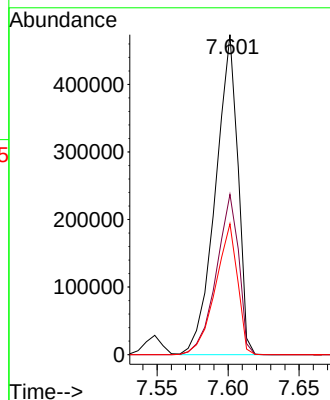
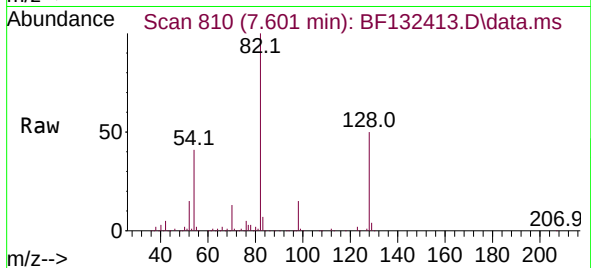
54 40.9 32.3 48.5

Manual Integrations

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Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#24

Nitrobenzene

Concen: 41.061 ng

RT: 7.619 min Scan# 813

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

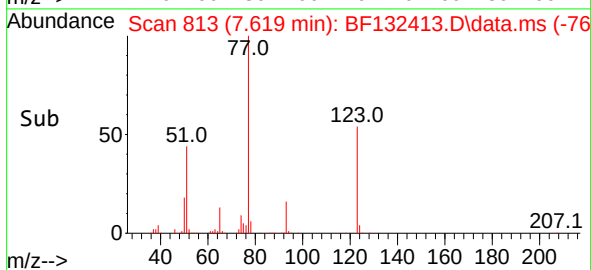
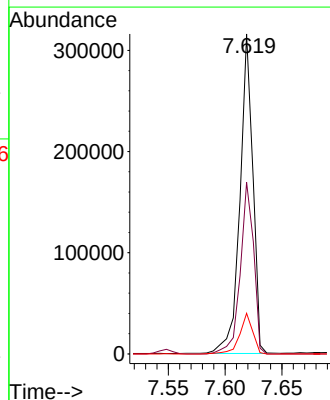
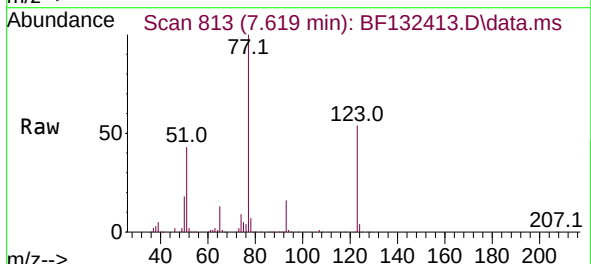
Tgt Ion: 77 Resp: 250544

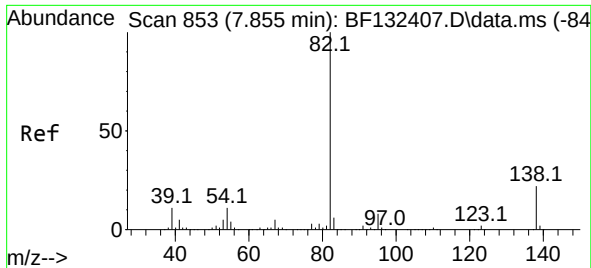
Ion Ratio Lower Upper

77 100

123 53.6 43.6 65.4

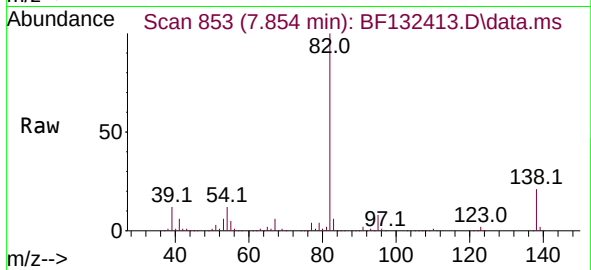
65 12.7 10.3 15.5





#25
Isophorone
Concen: 43.184 ng
RT: 7.854 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

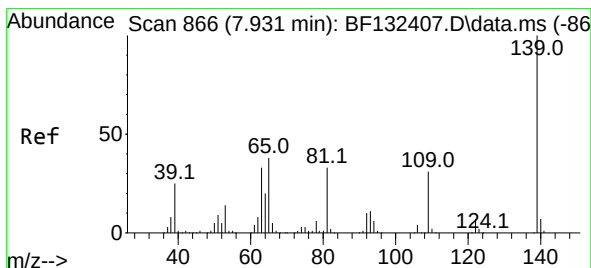
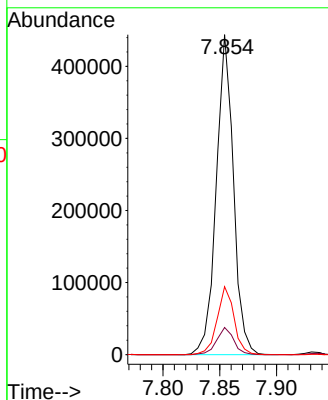
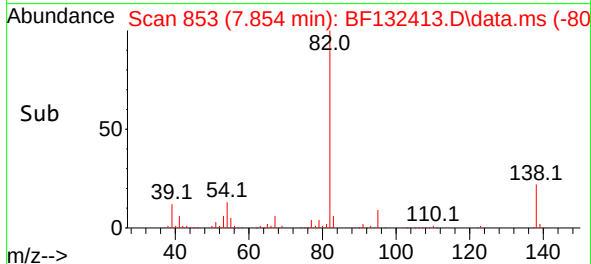
Instrument :
BNA_F
ClientSampleId :
PB150810BS



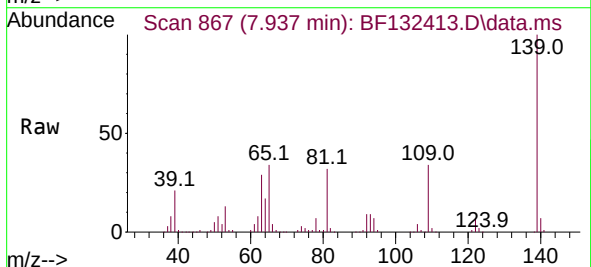
Tgt Ion: 82 Resp: 466450
Ion Ratio Lower Upper
82 100
95 8.5 6.6 9.8
138 21.2 17.2 25.8

Manual Integrations
APPROVED

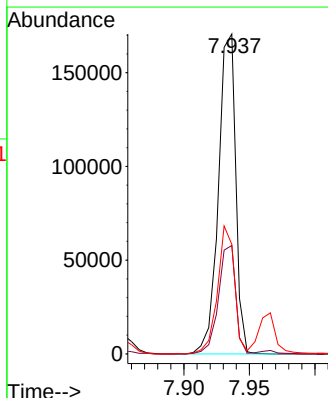
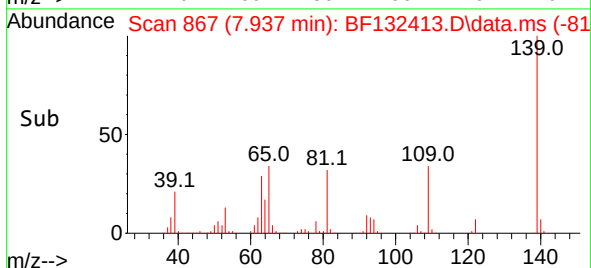
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

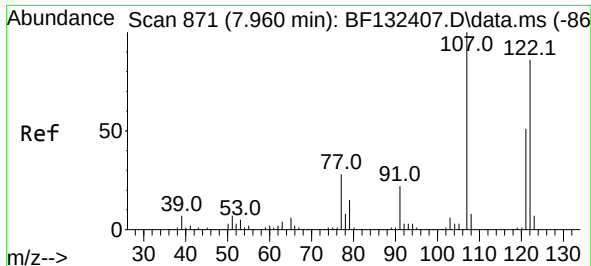


#26
2-Nitrophenol
Concen: 46.978 ng
RT: 7.937 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



Tgt Ion:139 Resp: 157302
Ion Ratio Lower Upper
139 100
109 33.9 25.2 37.8
65 34.2 30.6 45.8





#27

2,4-Dimethylphenol

Concen: 46.423 ng

RT: 7.966 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

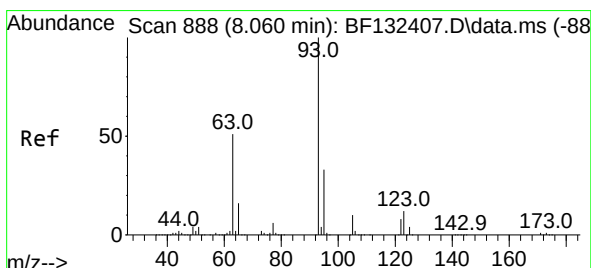
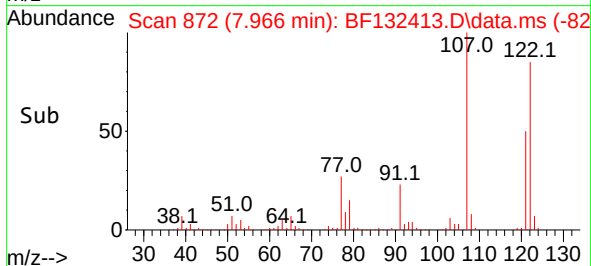
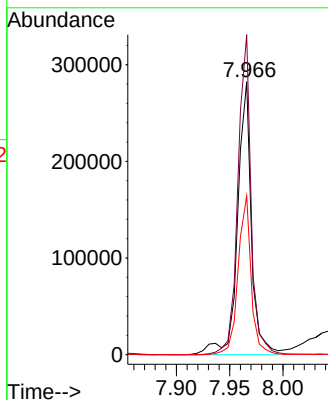
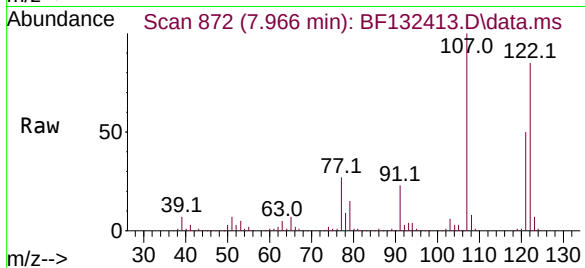
PB150810BS

Tgt Ion:122 Resp: 253436
 Ion Ratio Lower Upper
 122 100
 107 117.3 93.2 139.8
 121 58.1 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: 41.903 ng

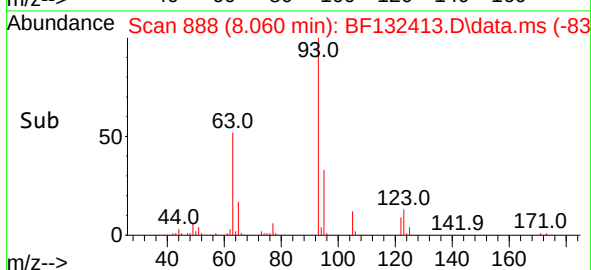
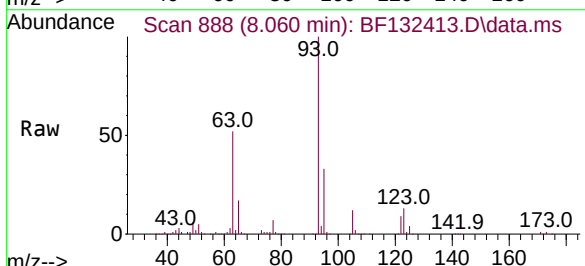
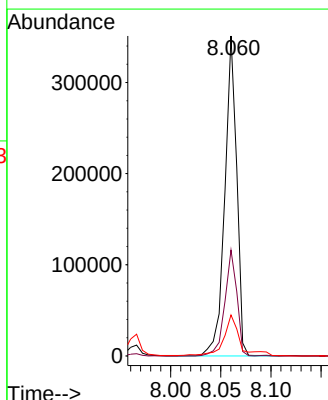
RT: 8.060 min Scan# 888

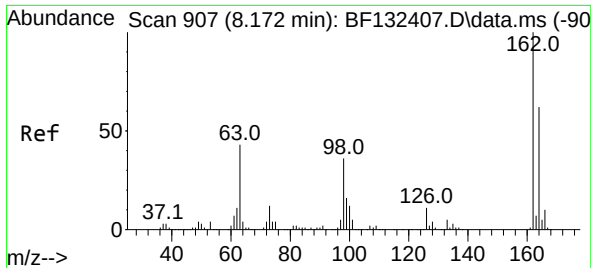
Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Tgt Ion: 93 Resp: 292541
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.2 39.2
 123 12.8 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 44.482 ng

RT: 8.178 min Scan# 907

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

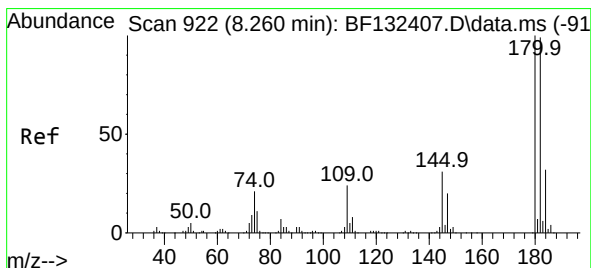
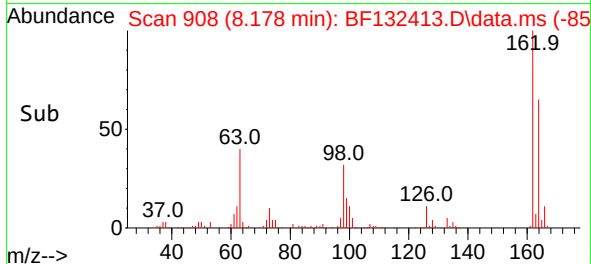
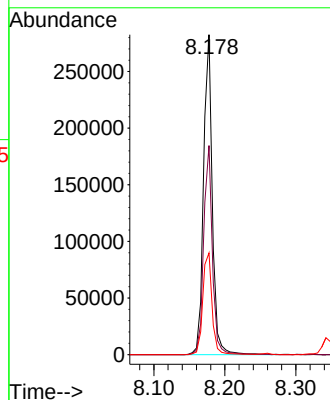
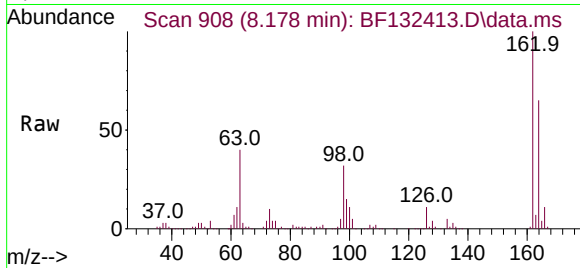
PB150810BS

Tgt Ion:162	Resp: 240284
Ion Ratio	Lower Upper
162 100	
164 65.3	42.4 82.4
98 31.8	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: 44.813 ng

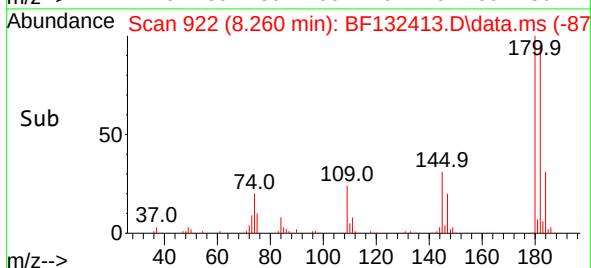
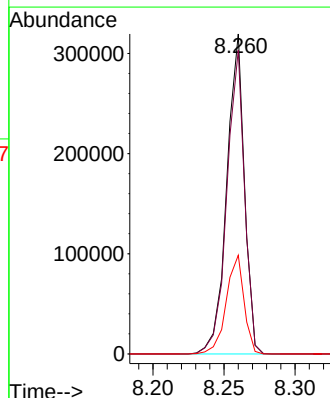
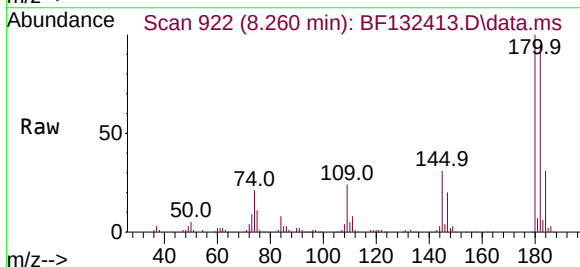
RT: 8.260 min Scan# 922

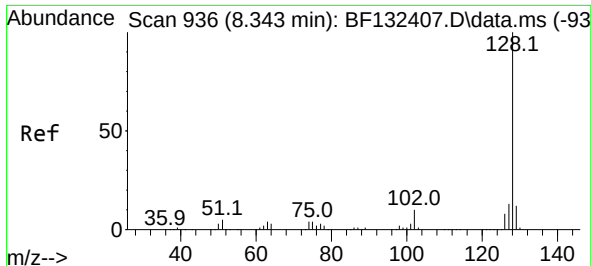
Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

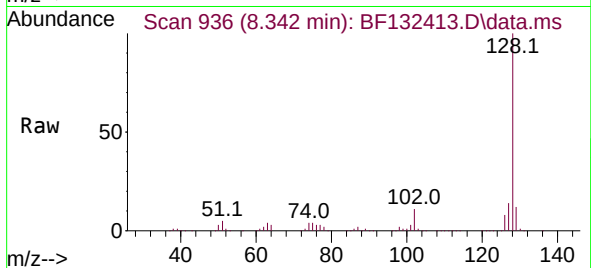
Tgt Ion:180	Resp: 274929
Ion Ratio	Lower Upper
180 100	
182 94.9	79.0 118.6
145 30.8	24.9 37.3





#31
Naphthalene
Concen: 41.436 ng
RT: 8.342 min Scan# 936
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

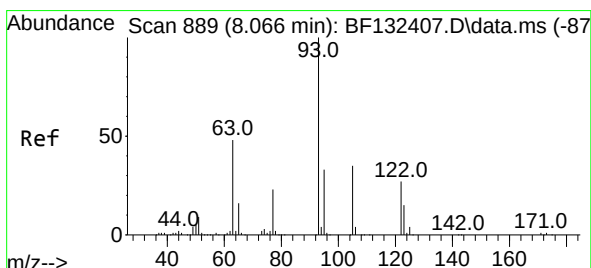
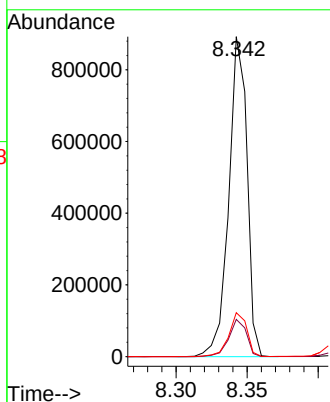
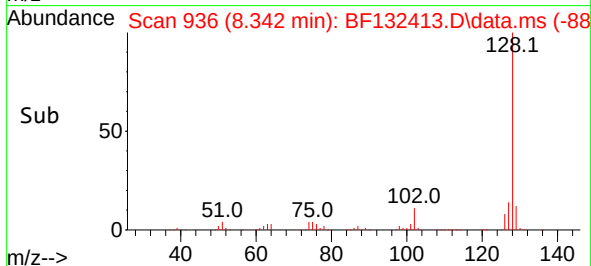
Instrument :
BNA_F
ClientSampleId :
PB150810BS



Tgt Ion:128 Resp: 794376
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.7 10.5 15.7

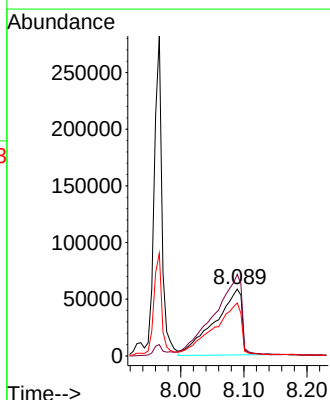
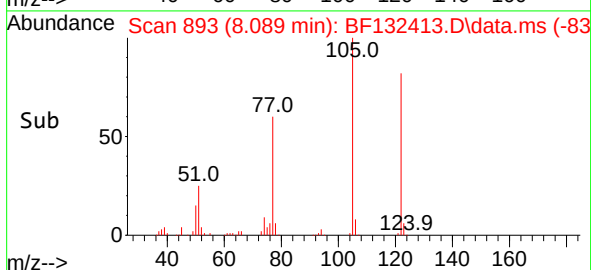
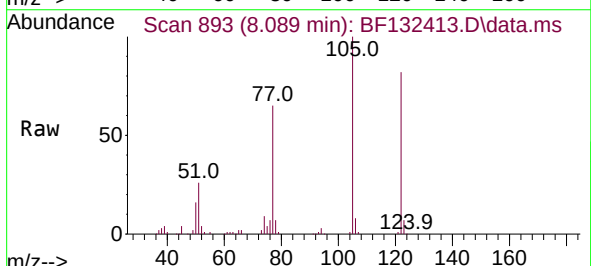
Manual Integrations
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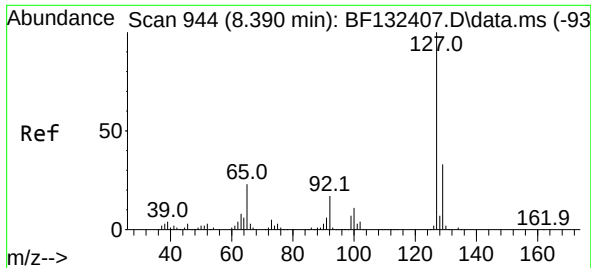
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#32
Benzoic acid
Concen: 61.206 ng
RT: 8.089 min Scan# 893
Delta R.T. 0.023 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion:122 Resp: 175357
Ion Ratio Lower Upper
122 100
105 122.0 101.9 141.9
77 79.2 61.1 101.1





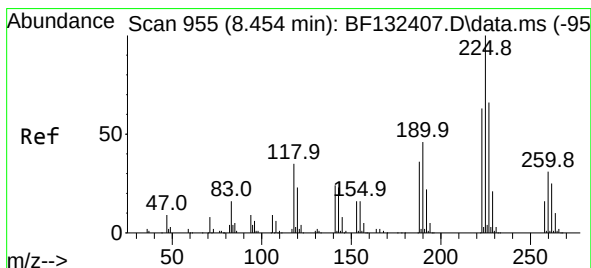
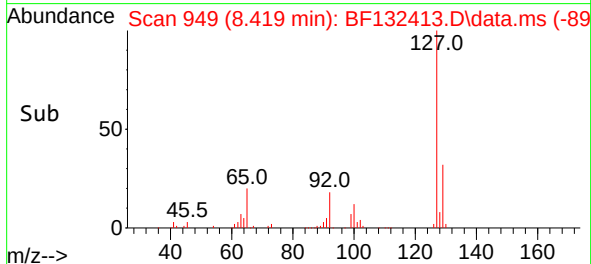
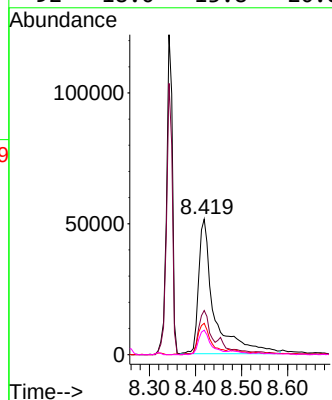
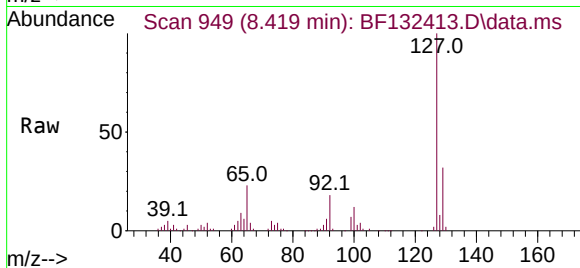
#33
4-Chloroaniline
Concen: 17.117 ng
RT: 8.419 min Scan# 944
Delta R.T. 0.029 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Instrument :
BNA_F
ClientSampleId :
PB150810BS

Tgt Ion:	127	Resp:	12064
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	23.1	18.0	27.0
92	18.0	13.8	20.8

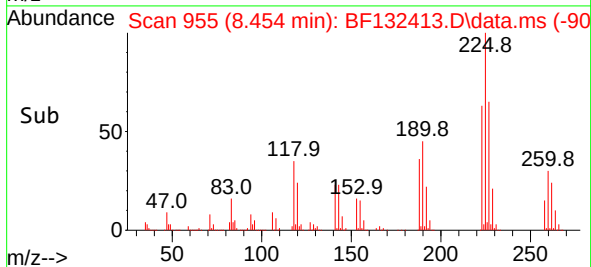
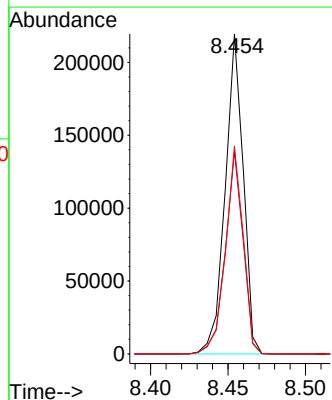
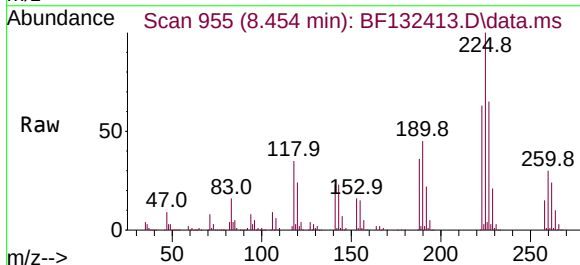
Manual Integrations
APPROVED

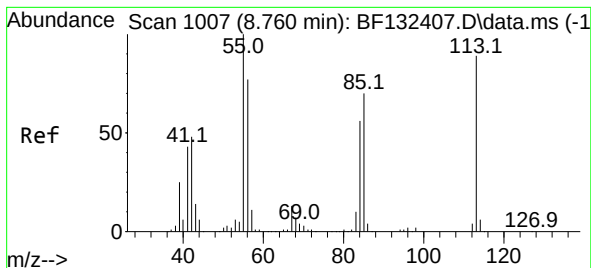
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#34
Hexachlorobutadiene
Concen: 45.372 ng
RT: 8.454 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

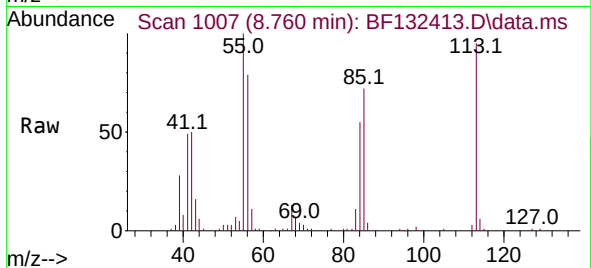
Tgt Ion:	225	Resp:	177698
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.2	75.4
227	64.9	53.0	79.4





#35
Caprolactam
Concen: 42.957 ng m
RT: 8.760 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

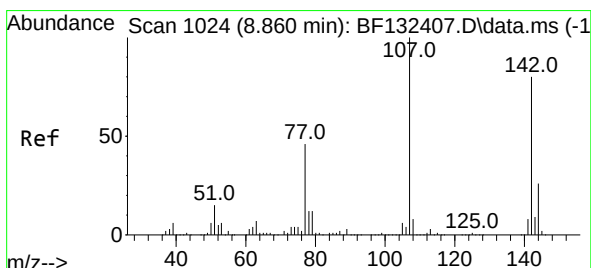
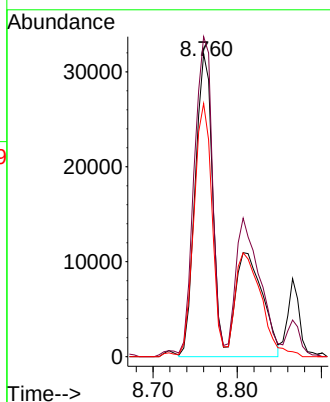
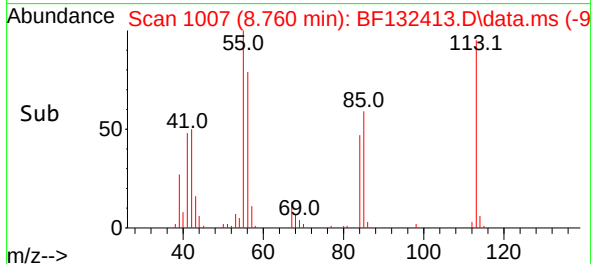
Instrument :
BNA_F
ClientSampleId :
PB150810BS



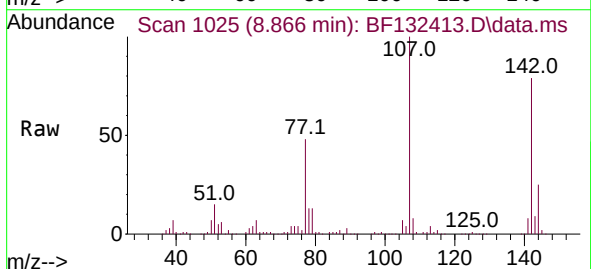
Tgt Ion:113 Resp: 69522
Ion Ratio Lower Upper
113 100
55 105.7 92.5 132.5
56 83.6 66.6 106.6

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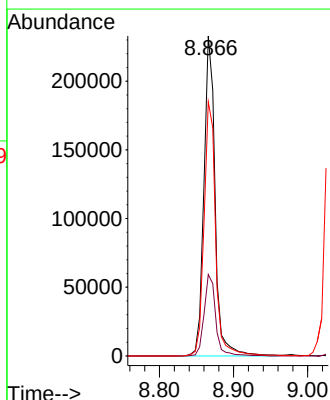
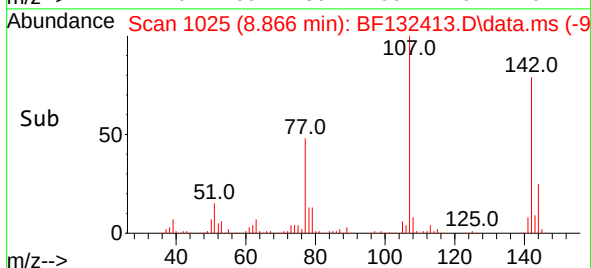
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

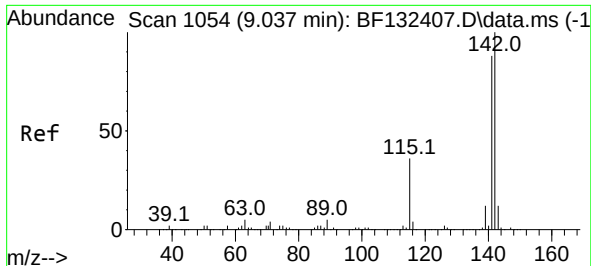


#36
4-Chloro-3-methylphenol
Concen: 41.752 ng
RT: 8.866 min Scan# 1025
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



Tgt Ion:107 Resp: 243048
Ion Ratio Lower Upper
107 100
144 25.4 20.8 31.2
142 79.4 63.9 95.9





#37

2-Methylnaphthalene

Concen: 35.749 ng

RT: 9.036 min Scan# 1054

Delta R.T. -0.001 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

PB150810BS

Tgt Ion:142 Resp: 534823

Ion Ratio Lower Upper

142 100

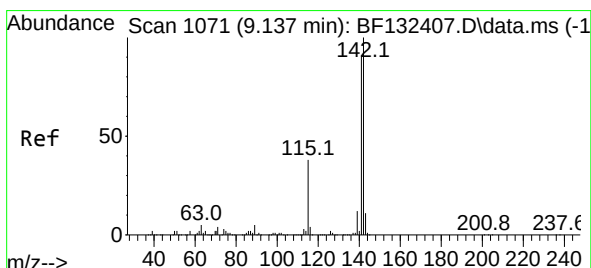
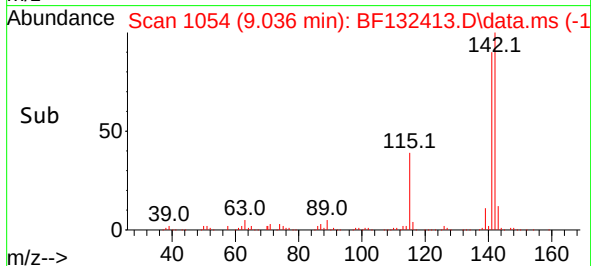
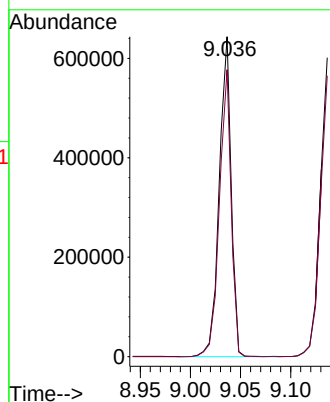
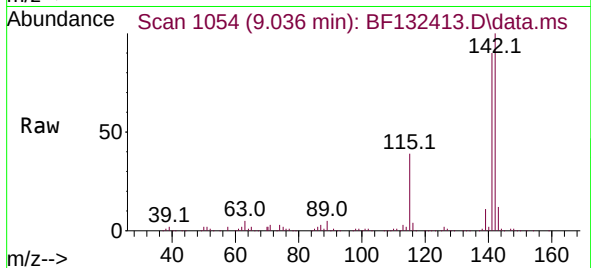
141 89.7 70.6 106.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#38

1-Methylnaphthalene

Concen: 34.992 ng

RT: 9.136 min Scan# 1071

Delta R.T. -0.001 min

Lab File: BF132413.D

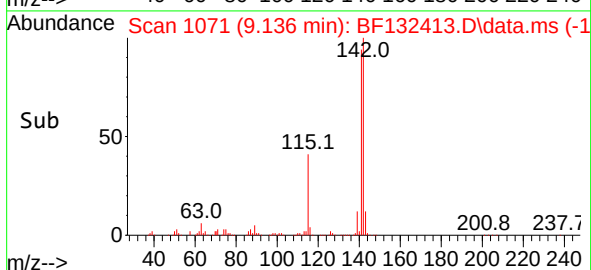
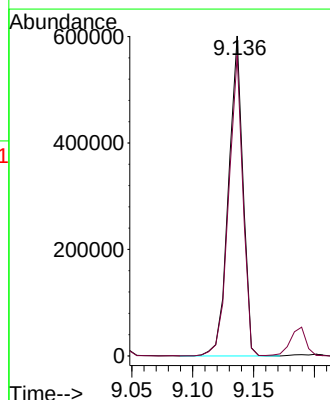
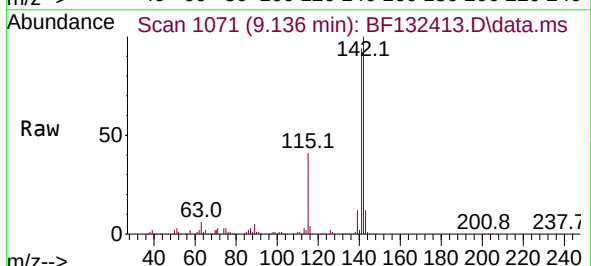
Acq: 13 Feb 2023 16:54

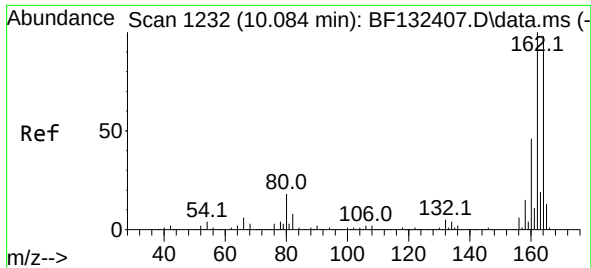
Tgt Ion:142 Resp: 494094

Ion Ratio Lower Upper

142 100

141 93.9 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.083 min Scan# 1232

Delta R.T. -0.001 min

Lab File: BF132413.D

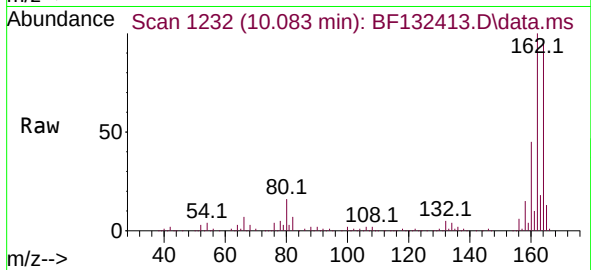
Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

PB150810BS



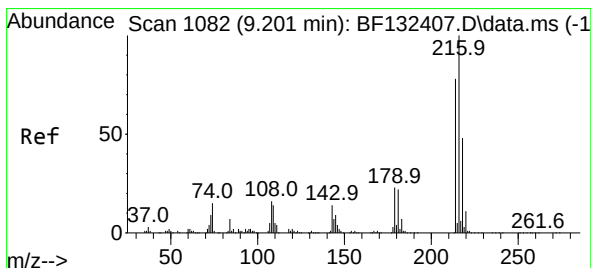
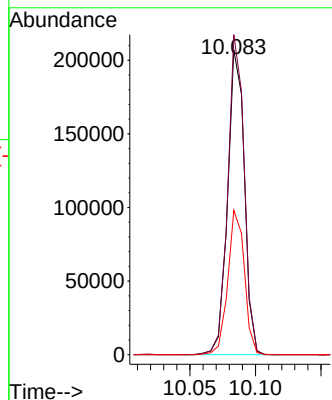
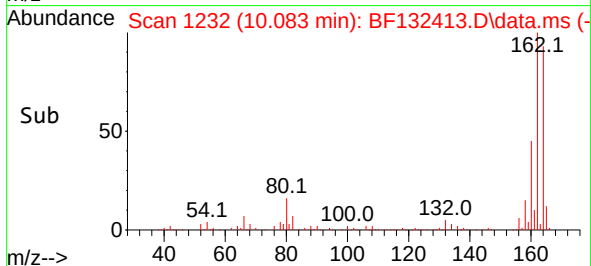
Tgt Ion:164 Resp: 183947

Ion	Ratio	Lower	Upper
164	100		
162	105.1	81.8	122.6
160	47.3	37.4	56.0

Manual Integrations

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



#40

1,2,4,5-Tetrachlorobenzene

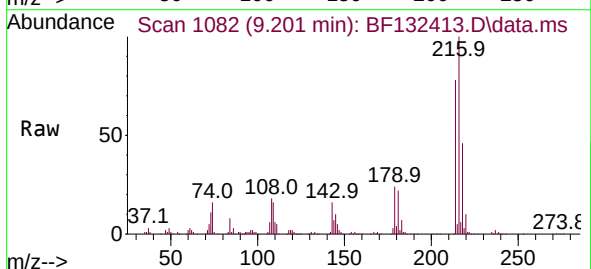
Concen: 45.994 ng

RT: 9.201 min Scan# 1082

Delta R.T. -0.000 min

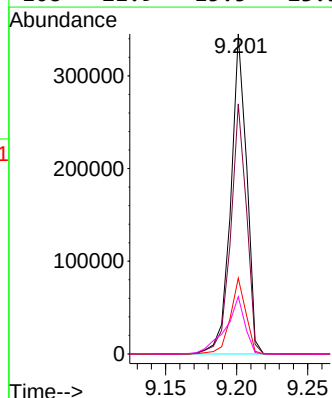
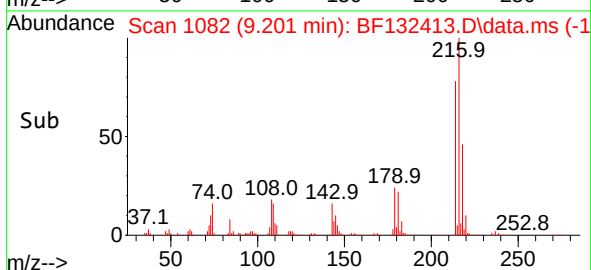
Lab File: BF132413.D

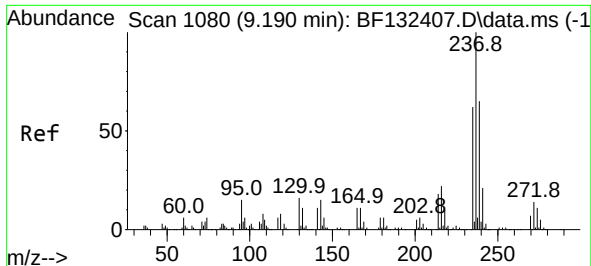
Acq: 13 Feb 2023 16:54



Tgt Ion:216 Resp: 266915

Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.0	94.4
179	23.1	18.1	27.1
108	21.9	15.5	23.3





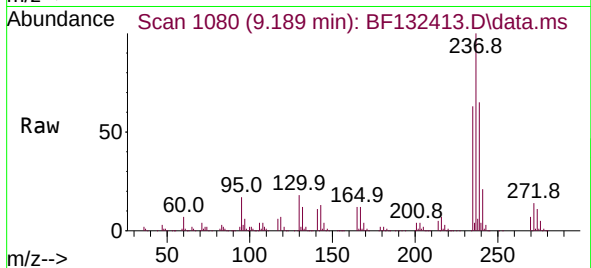
#41
Hexachlorocyclopentadiene
Concen: 111.185 ng
RT: 9.189 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

PB150810BS

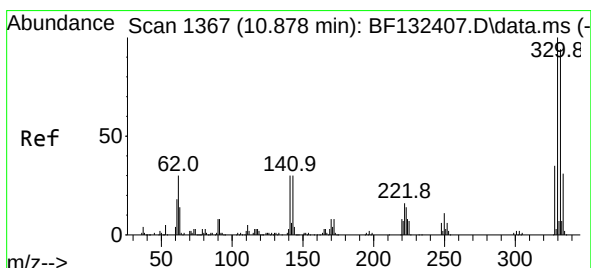
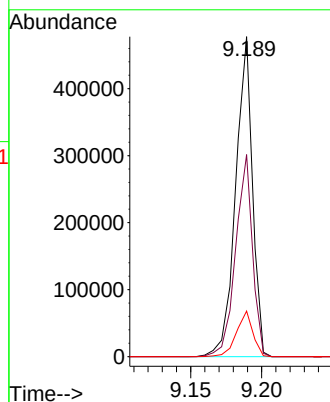
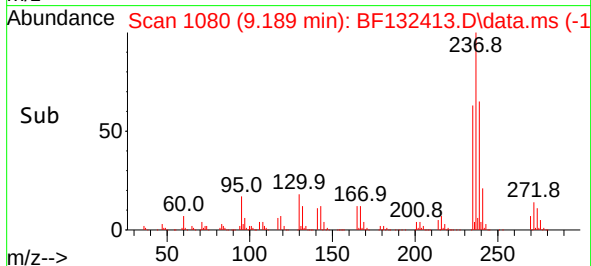


Tgt Ion:237 Resp: 392840
Ion Ratio Lower Upper
237 100
235 63.1 42.4 82.4
272 14.2 0.0 33.8

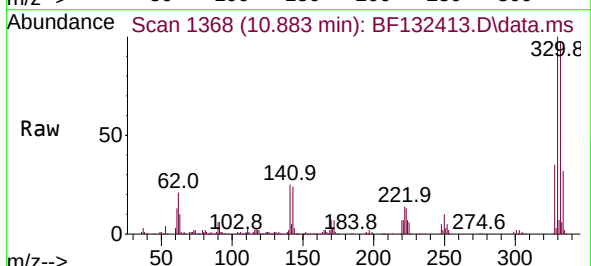
Manual Integrations

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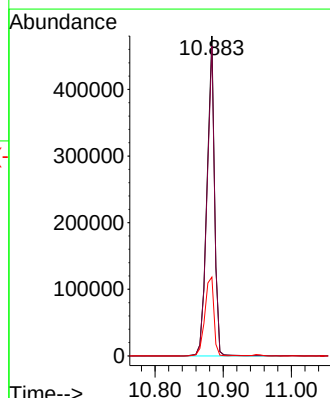
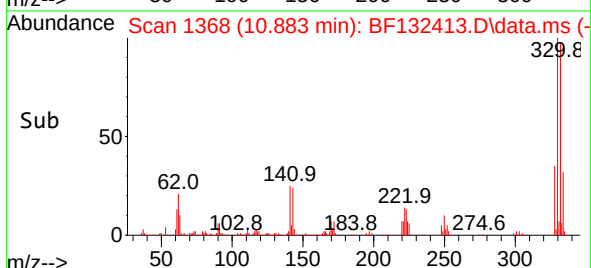
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

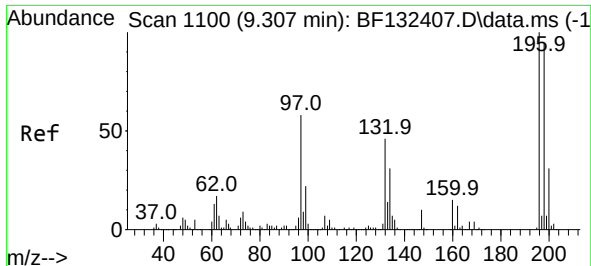


#42
2,4,6-Tribromophenol
Concen: 150.717 ng
RT: 10.883 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



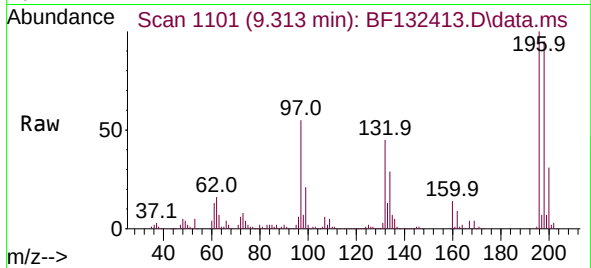
Tgt Ion:330 Resp: 368934
Ion Ratio Lower Upper
330 100
332 97.7 76.7 115.1
141 29.6 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 45.491 ng
RT: 9.313 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

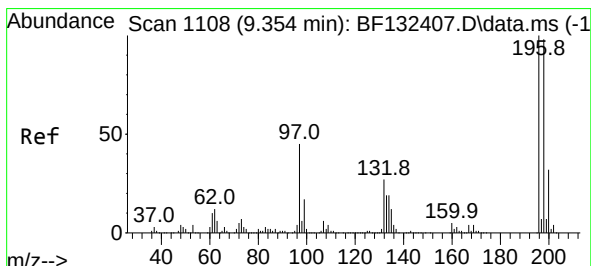
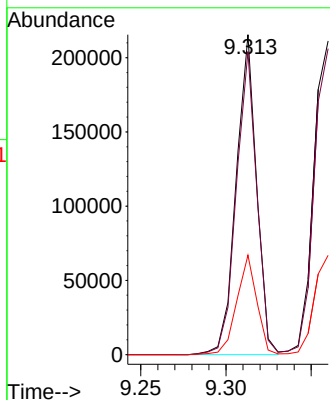
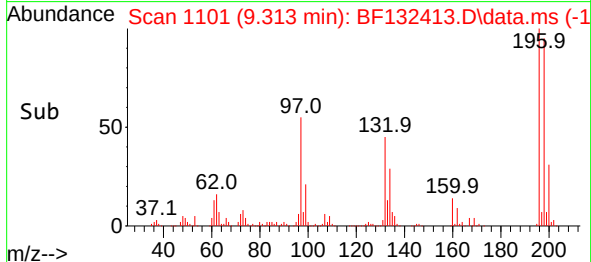
Instrument :
BNA_F
ClientSampleId :
PB150810BS



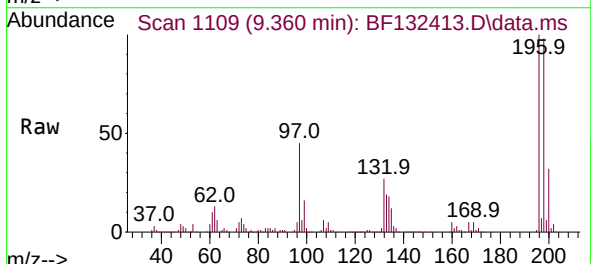
Tgt Ion:196 Resp: 179276
Ion Ratio Lower Upper
196 100
198 94.7 75.1 112.7
200 31.1 24.6 37.0

Manual Integrations
APPROVED

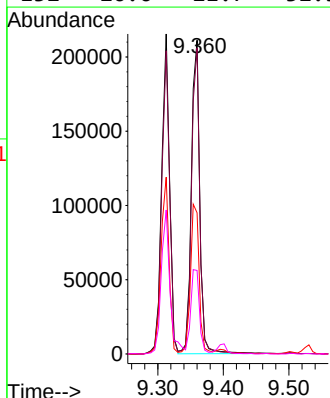
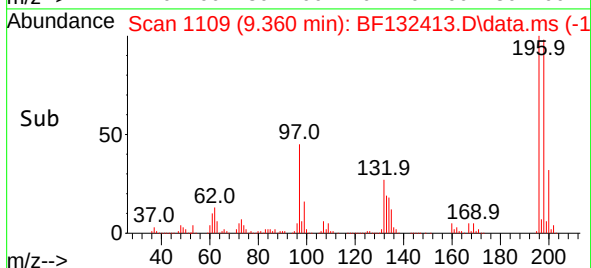
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

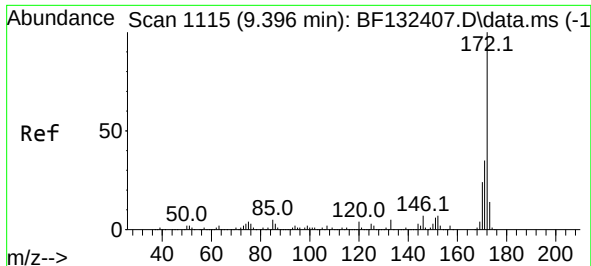


#44
2,4,5-Trichlorophenol
Concen: 41.833 ng
RT: 9.360 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



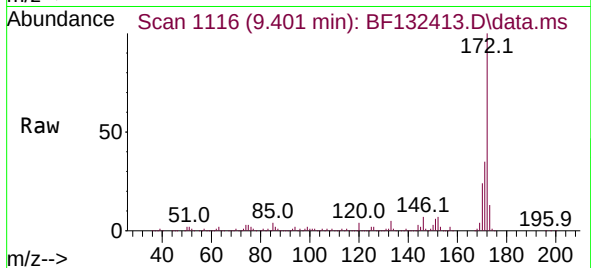
Tgt Ion:196 Resp: 188828
Ion Ratio Lower Upper
196 100
198 97.6 78.0 117.0
97 45.0 35.6 53.4
132 26.6 21.7 32.5





#45
2-Fluorobiphenyl
Concen: 88.255 ng
RT: 9.401 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

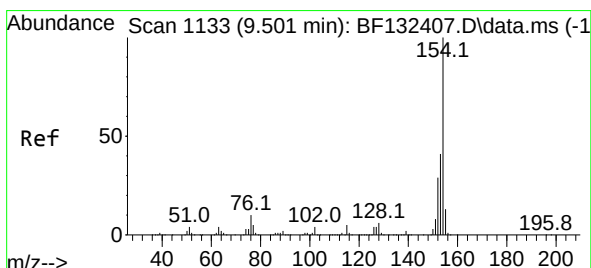
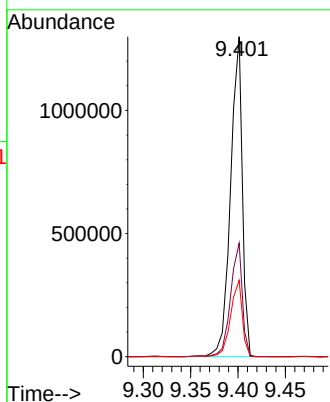
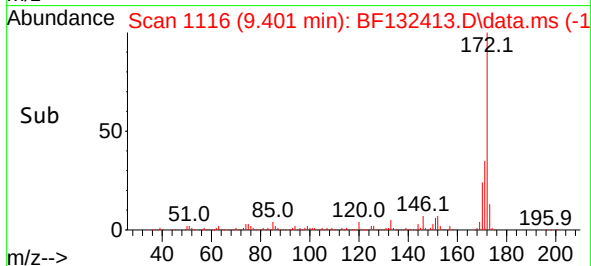
Instrument :
BNA_F
ClientSampleId :
PB150810BS



Tgt Ion:172 Resp: 1121385
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.8 19.3 28.9

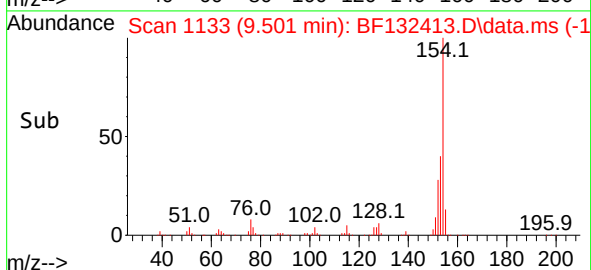
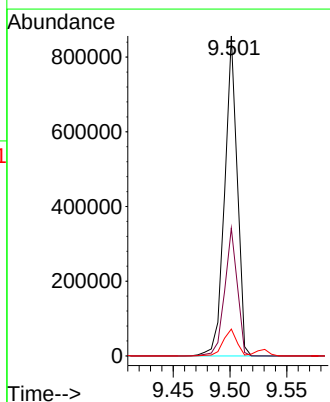
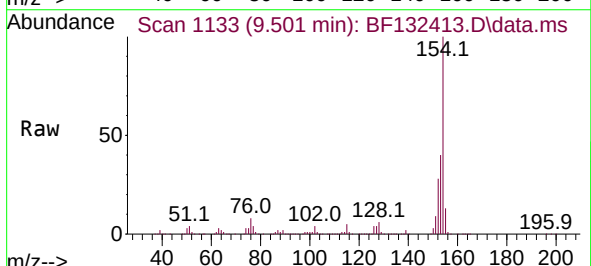
Manual Integrations
APPROVED

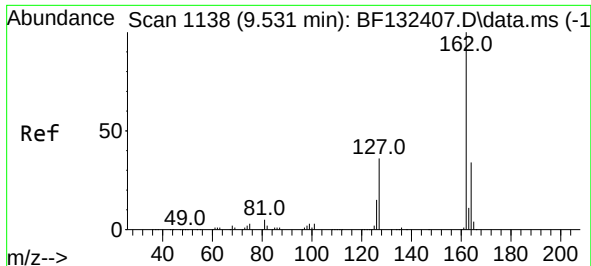
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#46
1,1'-Biphenyl
Concen: 44.004 ng
RT: 9.501 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion:154 Resp: 660199
Ion Ratio Lower Upper
154 100
153 39.9 20.6 60.6
76 8.4 0.0 29.8





#47

2-Chloronaphthalene

Concen: 43.807 ng

RT: 9.531 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF132413.D

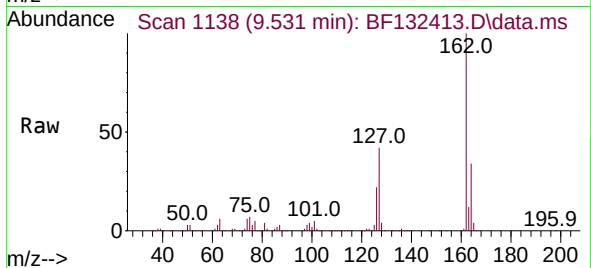
Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

PB150810BS



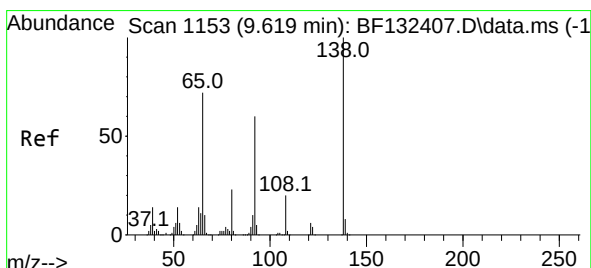
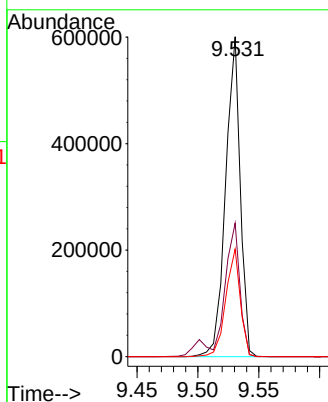
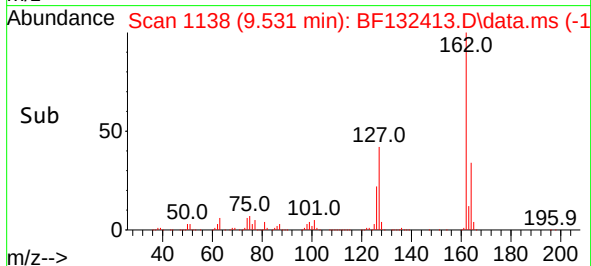
Tgt Ion: 162 Resp: 502815

Ion	Ratio	Lower	Upper
162	100		
127	41.7	31.6	47.4
164	33.6	26.8	40.2

Manual Integrations

APPROVED

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



#48

2-Nitroaniline

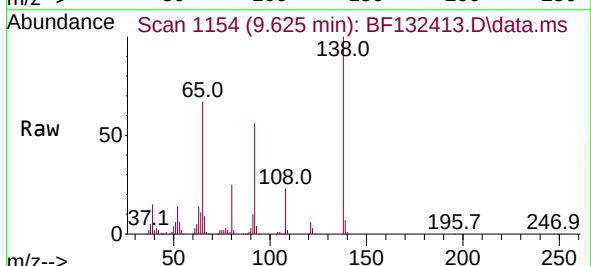
Concen: 43.056 ng

RT: 9.625 min Scan# 1154

Delta R.T. 0.006 min

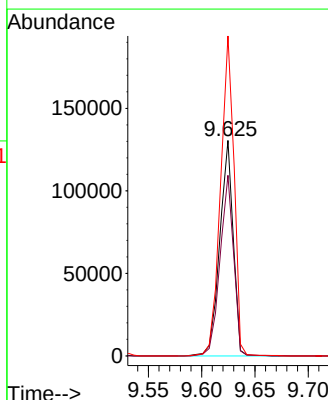
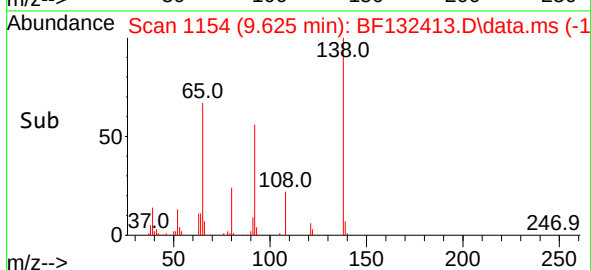
Lab File: BF132413.D

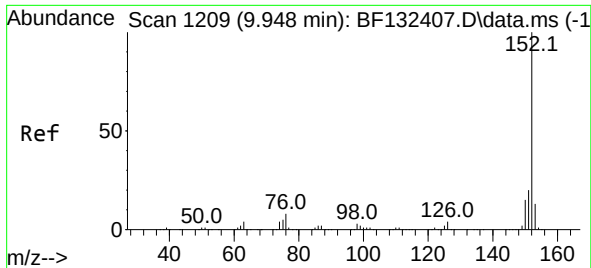
Acq: 13 Feb 2023 16:54



Tgt Ion: 65 Resp: 115324

Ion	Ratio	Lower	Upper
65	100		
92	83.8	67.2	100.8
138	148.5	111.2	166.8





#49

Acenaphthylene

Concen: 42.591 ng

RT: 9.948 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF132413.D

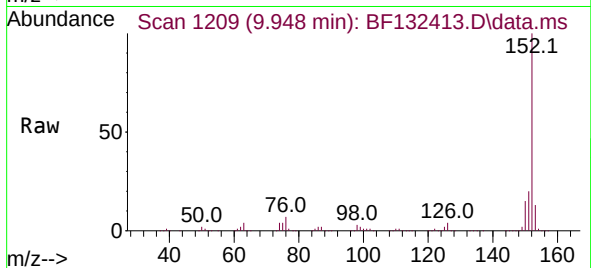
Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

PB150810BS



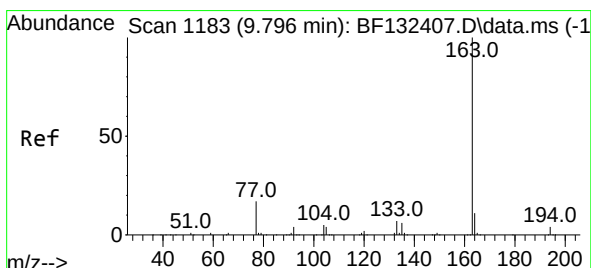
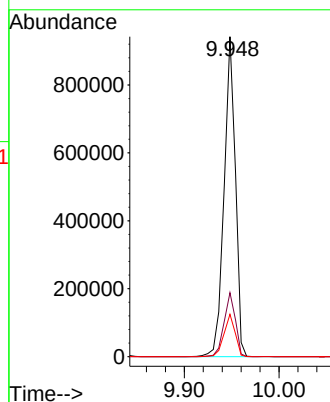
Tgt Ion:152 Resp: 777186

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.2	10.8	16.2

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

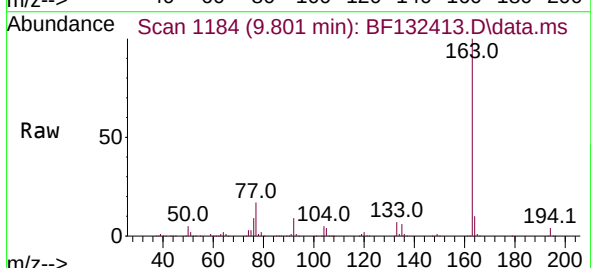
Concen: 42.513 ng

RT: 9.801 min Scan# 1184

Delta R.T. 0.006 min

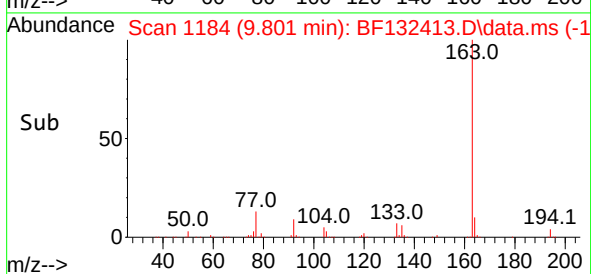
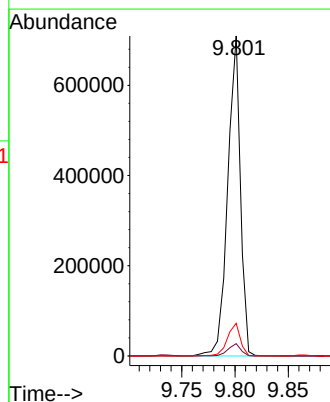
Lab File: BF132413.D

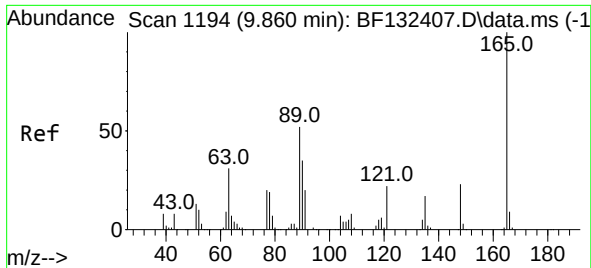
Acq: 13 Feb 2023 16:54



Tgt Ion:163 Resp: 589006

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.5	12.7





#51
2,6-Dinitrotoluene
Concen: 43.448 ng
RT: 9.866 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

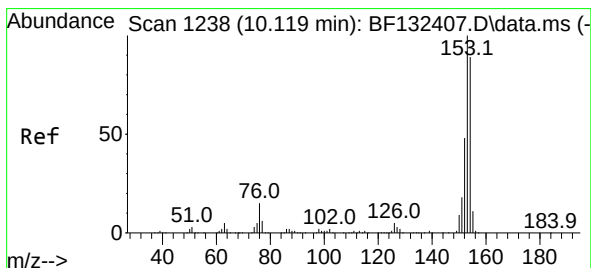
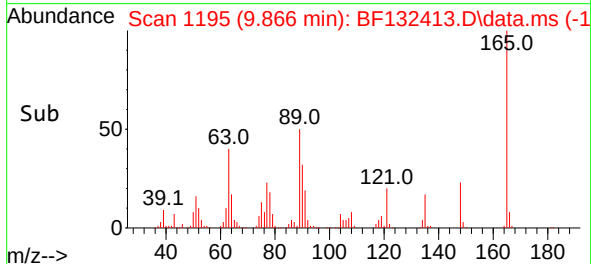
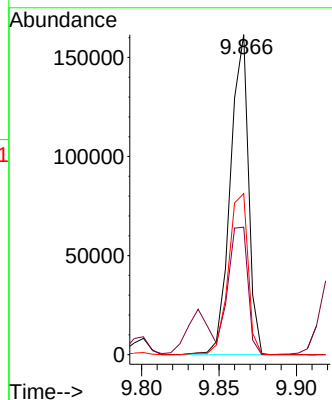
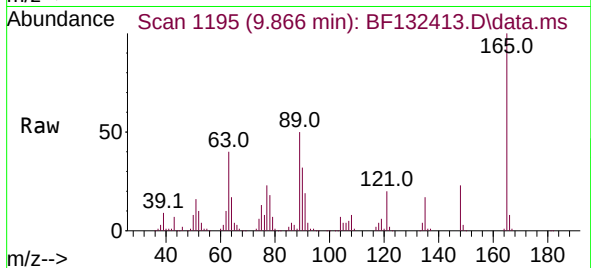
PB150810BS

Tgt Ion:165 Resp: 132059
Ion Ratio Lower Upper
165 100
63 39.8 34.0 51.0
89 50.3 41.8 62.6

Manual Integrations

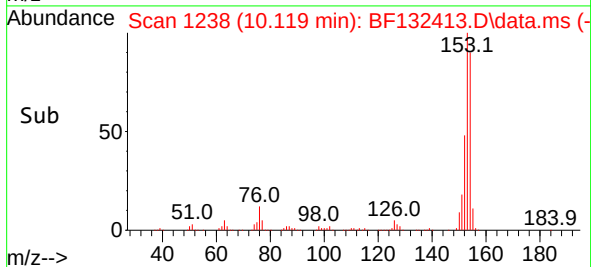
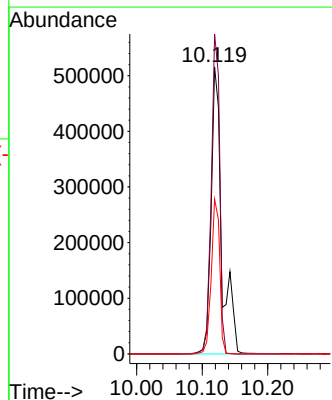
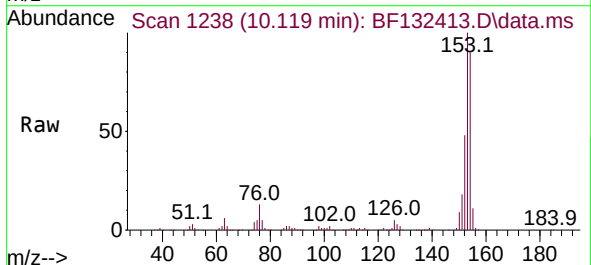
APPROVED

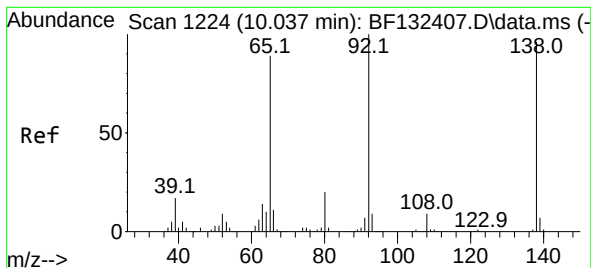
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#52
Acenaphthene
Concen: 49.465 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

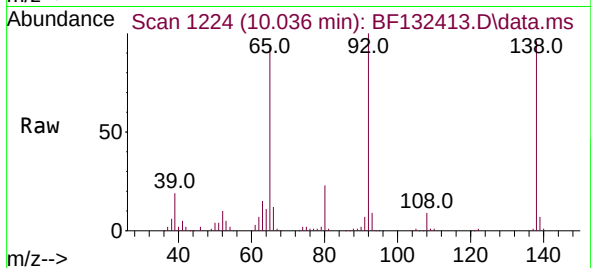
Tgt Ion:154 Resp: 581623
Ion Ratio Lower Upper
154 100
153 111.5 89.8 134.6
152 53.9 42.7 64.1





#53
3-Nitroaniline
Concen: 30.568 ng
RT: 10.036 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

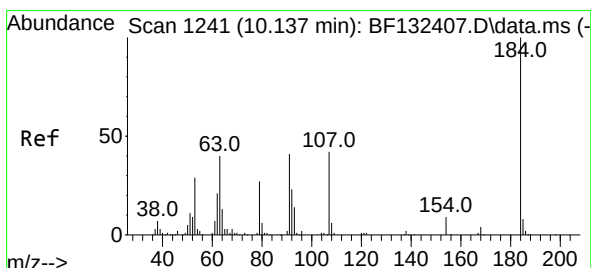
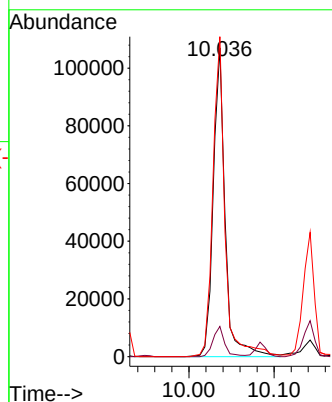
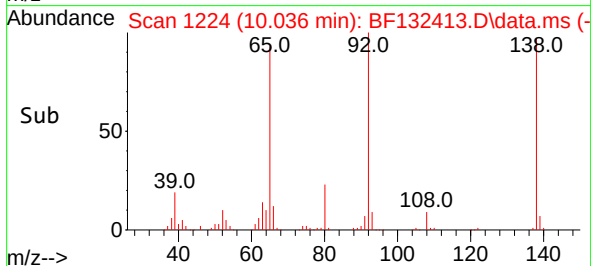
Instrument :
BNA_F
ClientSampleId :
PB150810BS



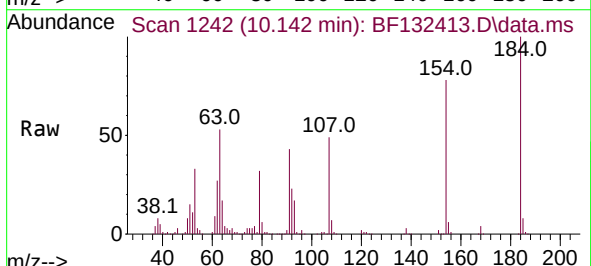
Tgt Ion:138 Resp: 103345
Ion Ratio Lower Upper
138 100
108 9.7 7.4 11.2
92 103.7 83.7 125.5

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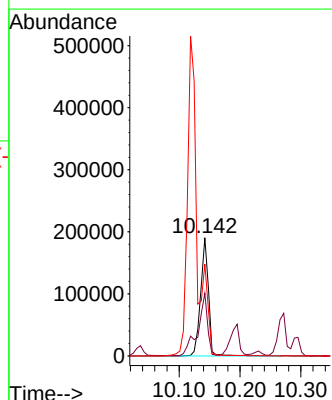
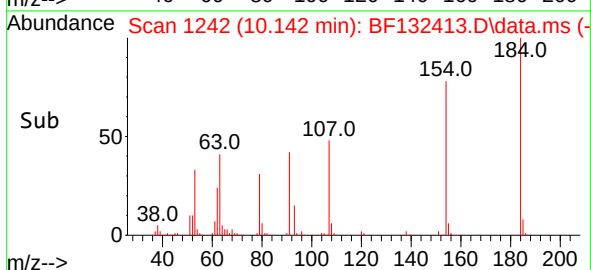
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

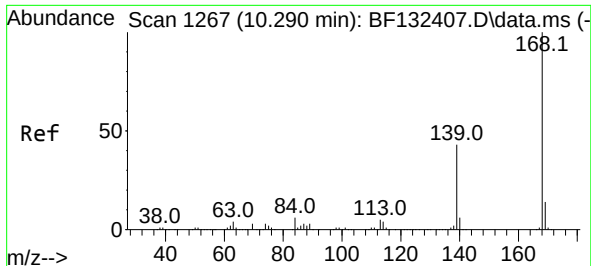


#54
2,4-Dinitrophenol
Concen: 100.664 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.005 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



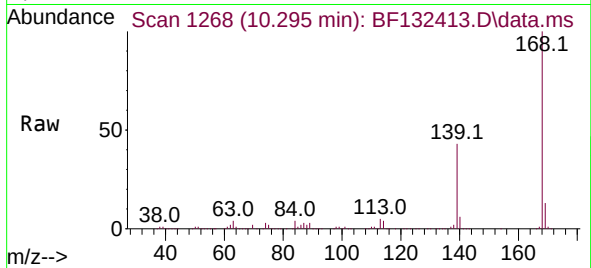
Tgt Ion:184 Resp: 170121
Ion Ratio Lower Upper
184 100
63 53.0 36.2 54.2
154 77.6 51.4 77.0#





#55
Dibenzenofuran
Concen: 42.352 ng
RT: 10.295 min Scan# 1267
Delta R.T. 0.005 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

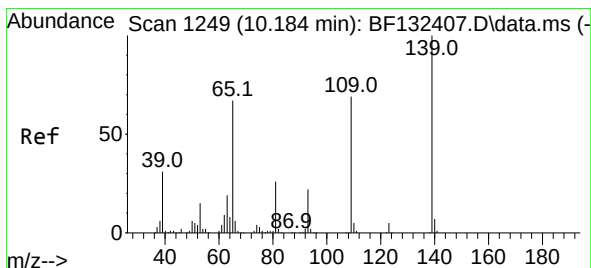
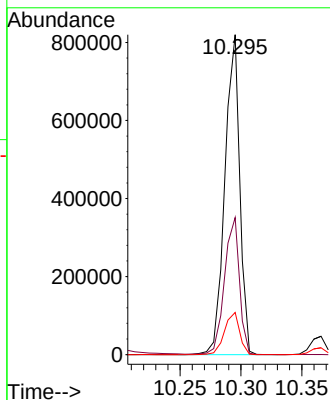
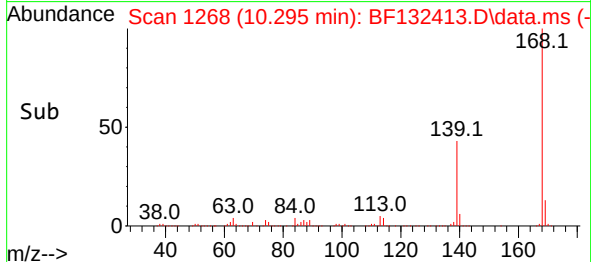
Instrument :
BNA_F
ClientSampleId :
PB150810BS



Tgt Ion:168 Resp: 693646
Ion Ratio Lower Upper
168 100
139 42.9 34.6 52.0
169 13.2 11.2 16.8

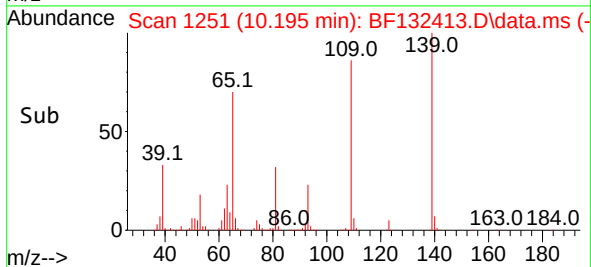
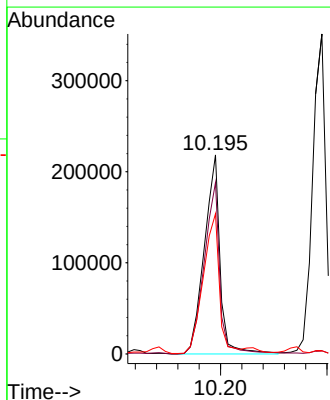
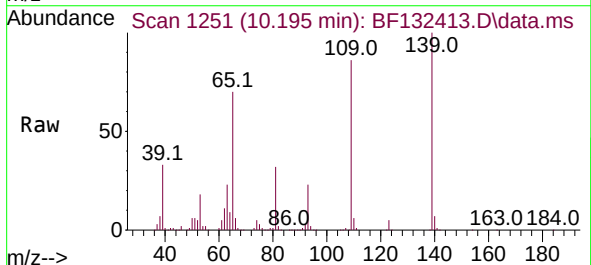
Manual Integrations
APPROVED

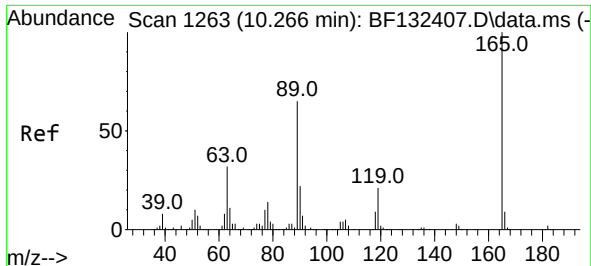
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#56
4-Nitrophenol
Concen: 88.910 ng
RT: 10.195 min Scan# 1251
Delta R.T. 0.011 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion:139 Resp: 224054
Ion Ratio Lower Upper
139 100
109 86.1 49.4 89.4
65 70.4 47.6 87.6





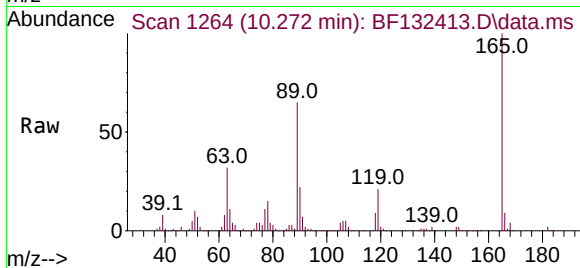
#57
2,4-Dinitrotoluene
Concen: 44.476 ng
RT: 10.272 min Scan# 1264
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

PB150810BS

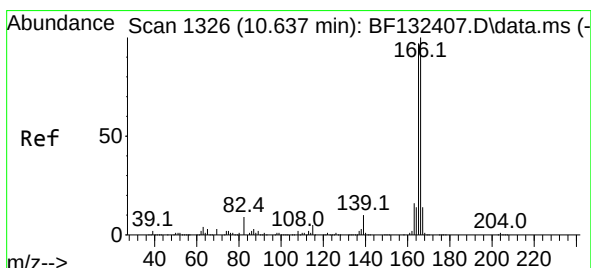
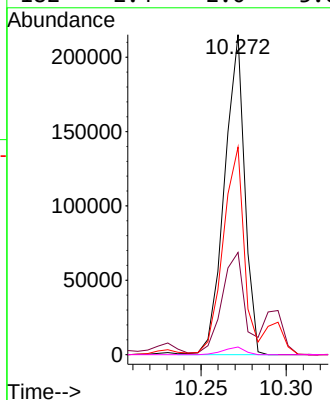
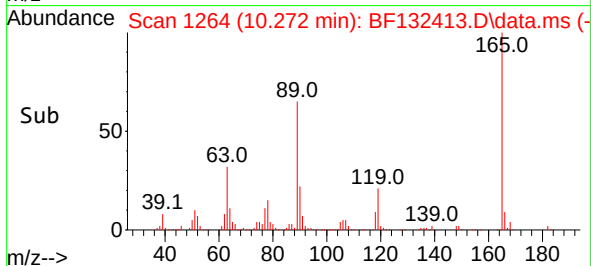


Tgt Ion:165 Resp: 177592
Ion Ratio Lower Upper
165 100
63 31.9 25.4 38.2
89 64.8 52.2 78.2
182 2.4 2.0 3.0

Manual Integrations

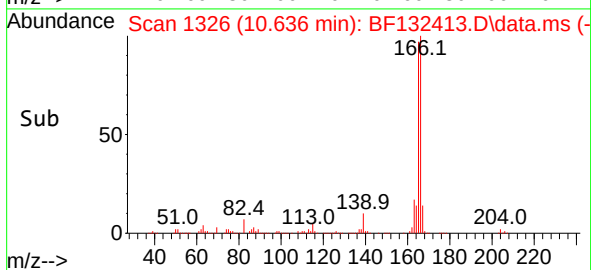
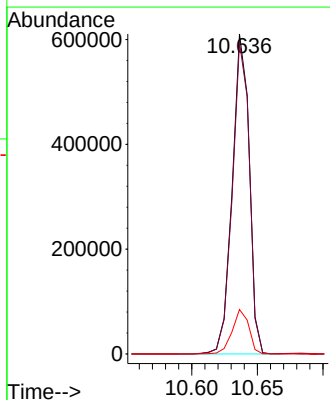
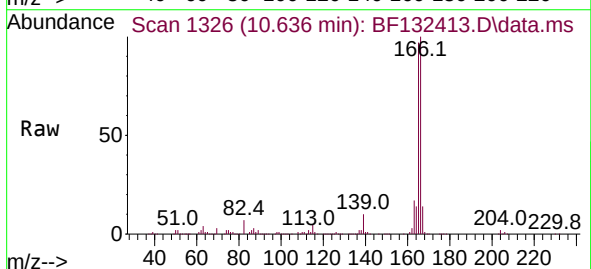
APPROVED

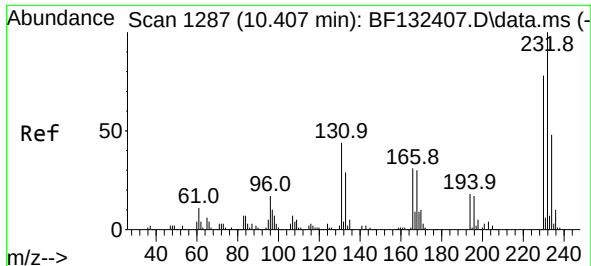
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#58
Fluorene
Concen: 43.224 ng
RT: 10.636 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

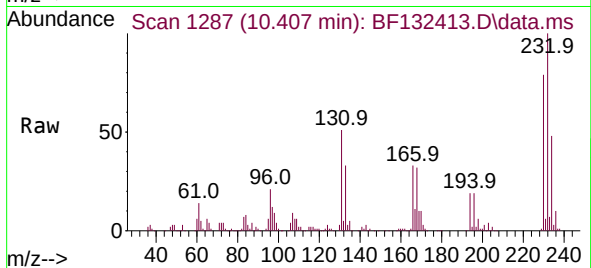
Tgt Ion:166 Resp: 550409
Ion Ratio Lower Upper
166 100
165 97.4 77.5 116.3
167 13.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.416 ng
RT: 10.407 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

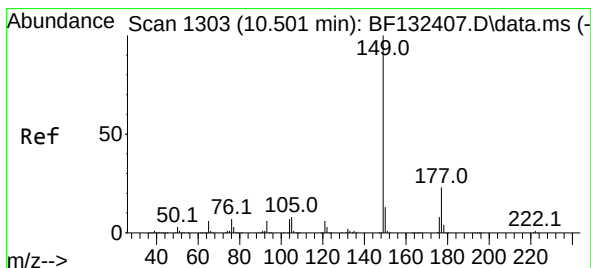
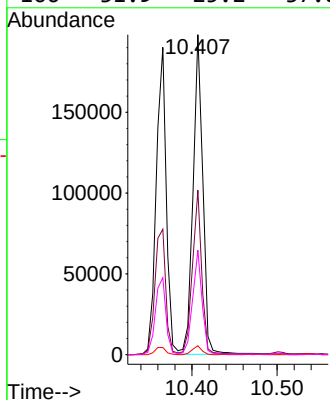
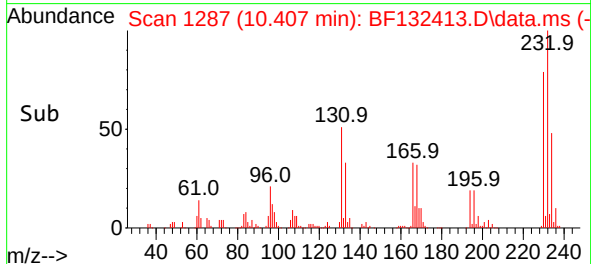
Instrument :
BNA_F
ClientSampleId :
PB150810BS



Tgt Ion:232 Resp: 157346
Ion Ratio Lower Upper
232 100
131 48.6 37.9 56.9
130 2.7 1.9 2.9
166 31.9 25.2 37.8

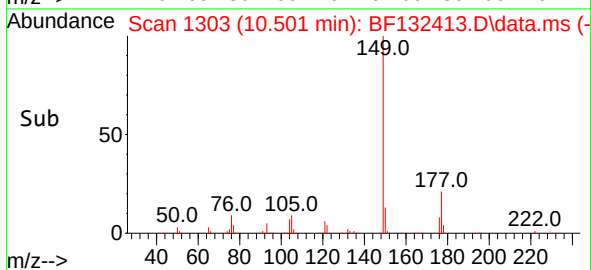
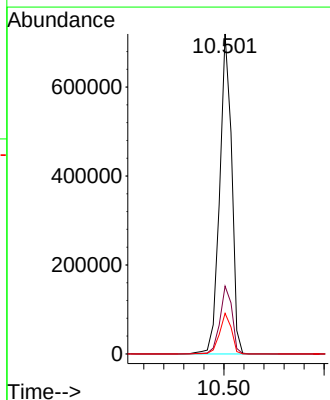
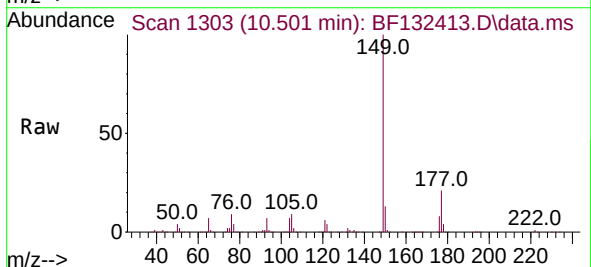
Manual Integrations
APPROVED

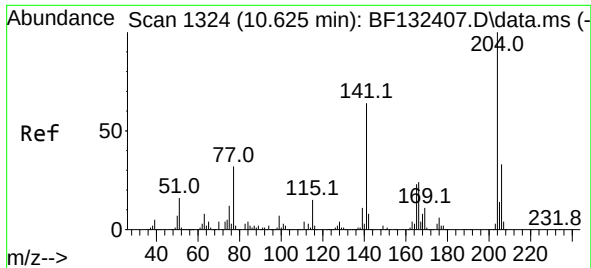
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#60
Diethylphthalate
Concen: 43.056 ng
RT: 10.501 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

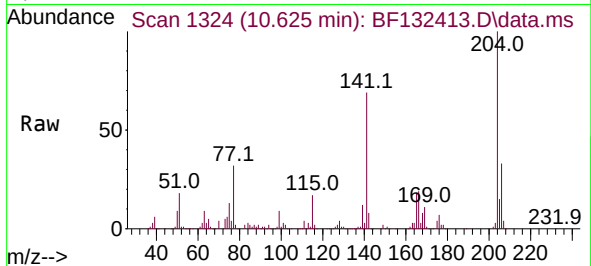
Tgt Ion:149 Resp: 597182
Ion Ratio Lower Upper
149 100
177 21.2 18.1 27.1
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.554 ng
RT: 10.625 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

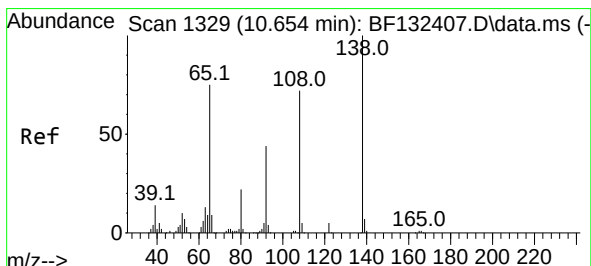
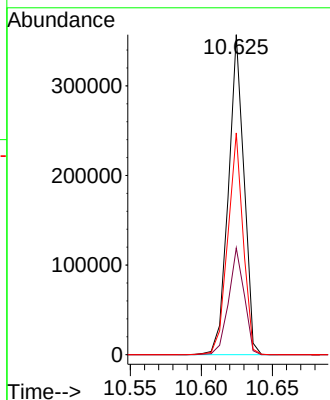
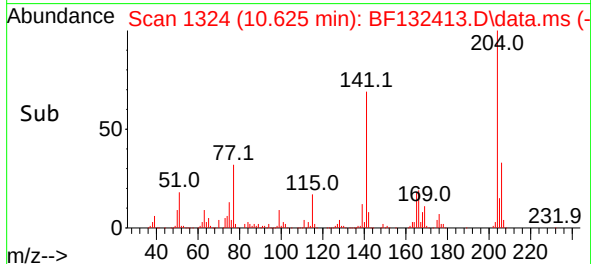
Instrument :
BNA_F
ClientSampleId :
PB150810BS



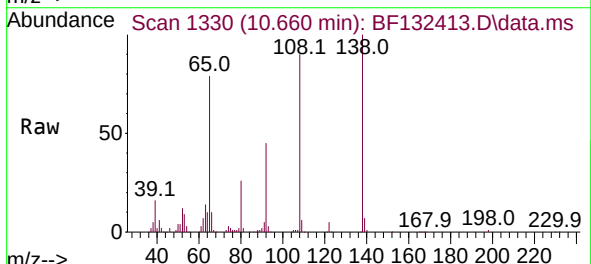
Tgt Ion:204 Resp: 272239
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 69.3 50.9 76.3

Manual Integrations
APPROVED

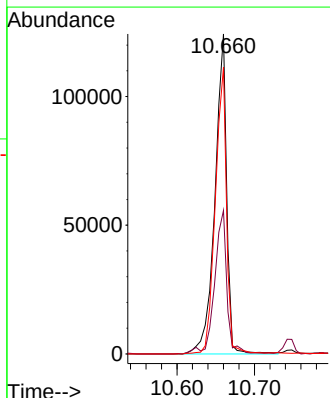
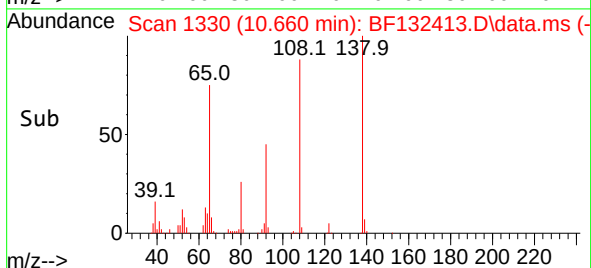
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

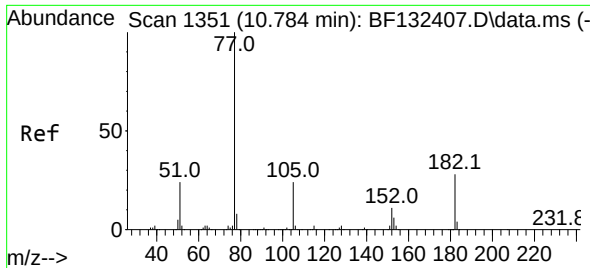


#62
4-Nitroaniline
Concen: 42.431 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



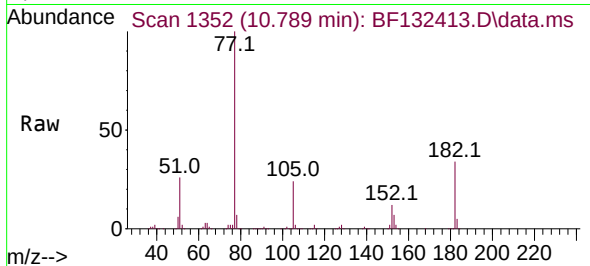
Tgt Ion:138 Resp: 131370
Ion Ratio Lower Upper
138 100
92 44.8 24.3 64.3
108 89.5 52.4 92.4





#63
Azobenzene
Concen: 40.980 ng
RT: 10.789 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

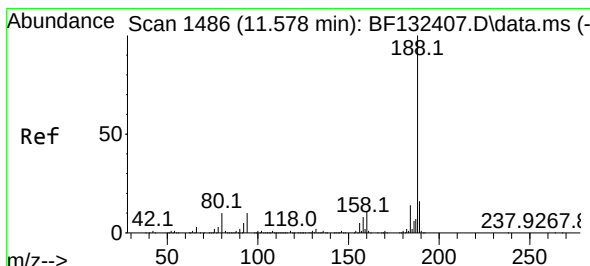
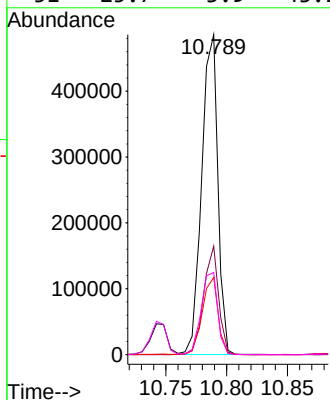
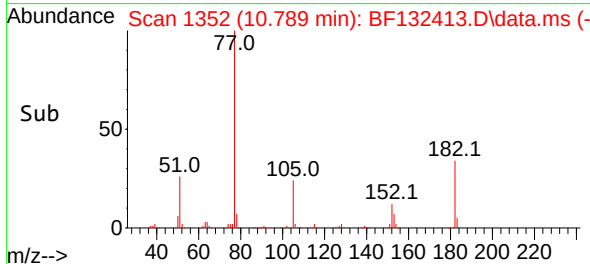
Instrument :
BNA_F
ClientSampleId :
PB150810BS



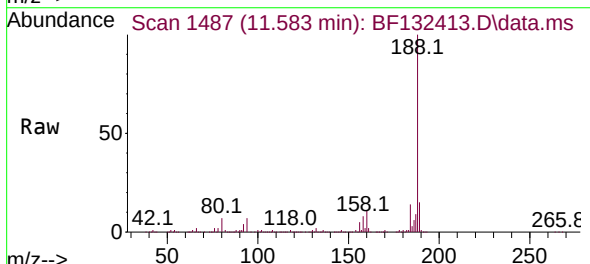
Tgt Ion: 77 Resp: 448591
Ion Ratio Lower Upper
77 100
182 33.9 8.3 48.3
105 24.1 3.9 43.9
51 25.7 3.9 43.9

Manual Integrations
APPROVED

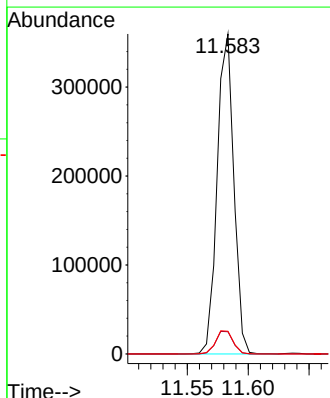
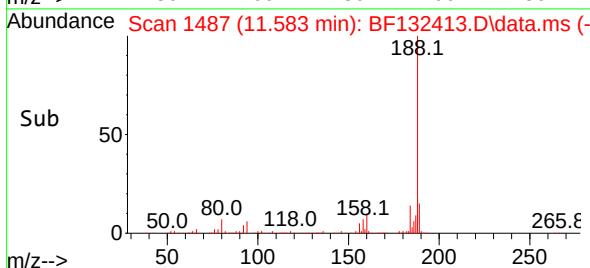
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

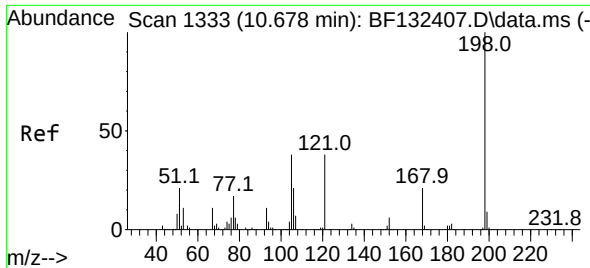


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.583 min Scan# 1487
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



Tgt Ion:188 Resp: 341450
Ion Ratio Lower Upper
188 100
94 6.9 7.8 11.6#
80 7.1 7.6 11.4#





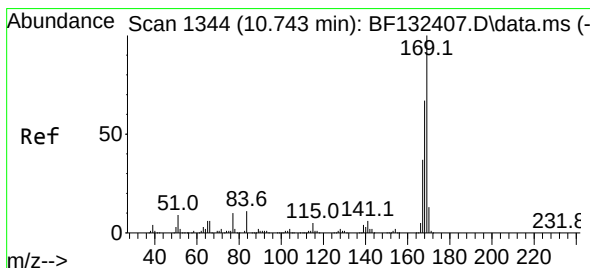
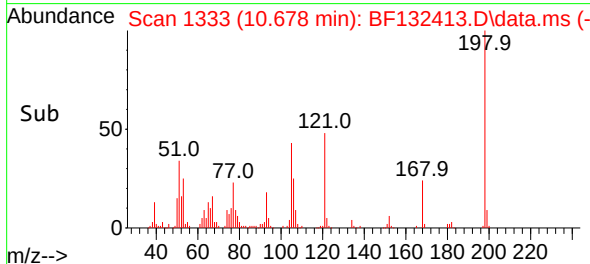
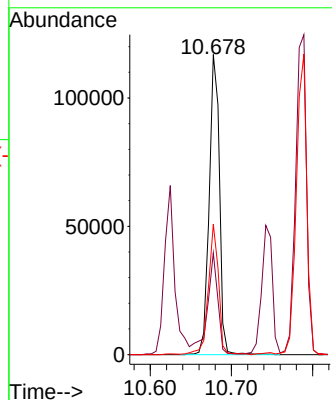
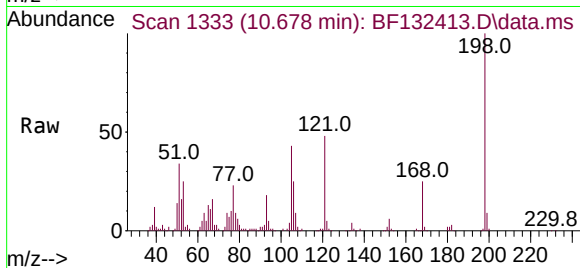
#65
4,6-Dinitro-2-methylphenol
Concen: 48.485 ng
RT: 10.678 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Instrument :
BNA_F
ClientSampleId :
PB150810BS

Tgt Ion:198 Resp: 102922
Ion Ratio Lower Upper
198 100
51 33.9 4.6 44.6
105 43.5 19.3 59.3

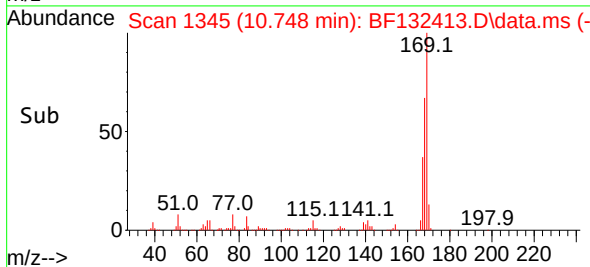
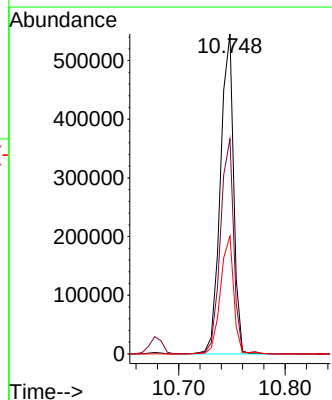
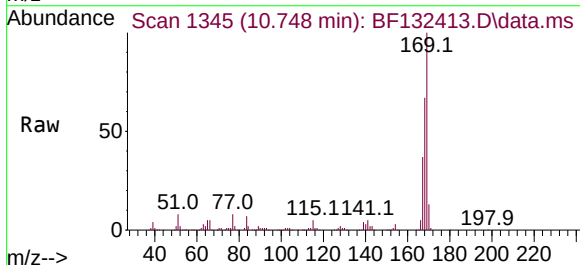
Manual Integrations
APPROVED

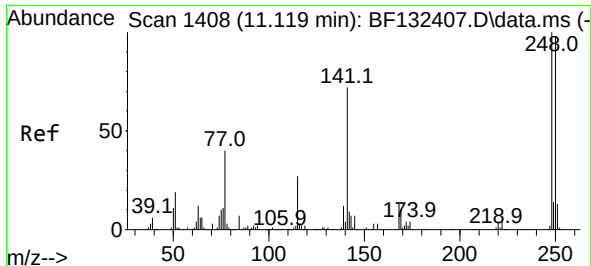
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#66
n-Nitrosodiphenylamine
Concen: 42.716 ng
RT: 10.748 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

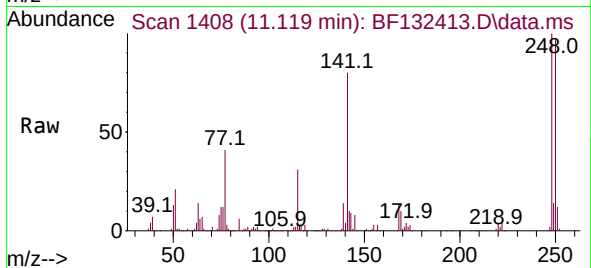
Tgt Ion:169 Resp: 470859
Ion Ratio Lower Upper
169 100
168 67.2 53.5 80.3
167 36.8 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 43.926 ng
RT: 11.119 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

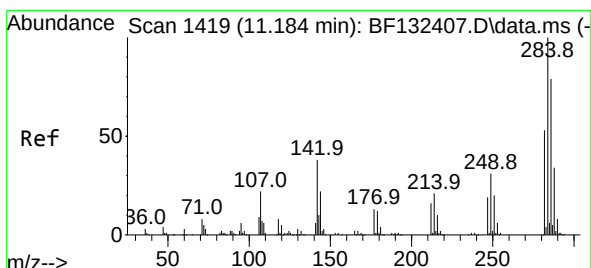
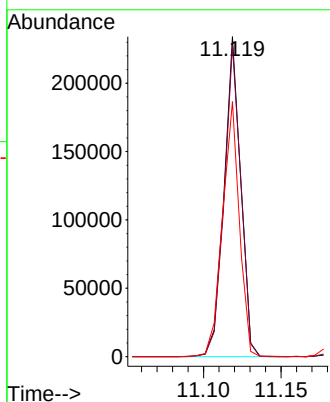
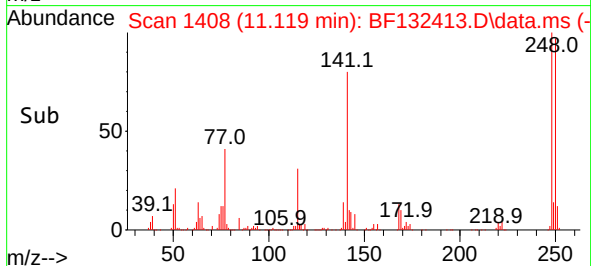
Instrument :
BNA_F
ClientSampleId :
PB150810BS



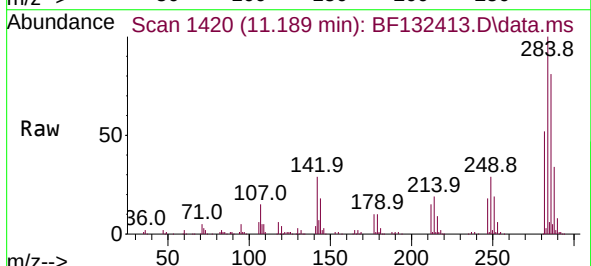
Tgt Ion:248 Resp: 175059
Ion Ratio Lower Upper
248 100
250 97.3 78.1 117.1
141 79.7 57.9 86.9

Manual Integrations
APPROVED

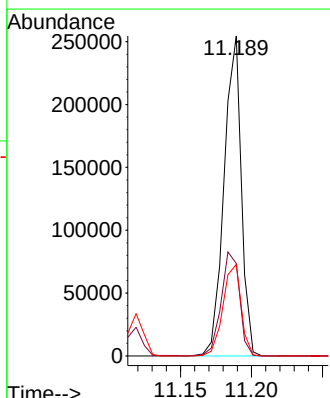
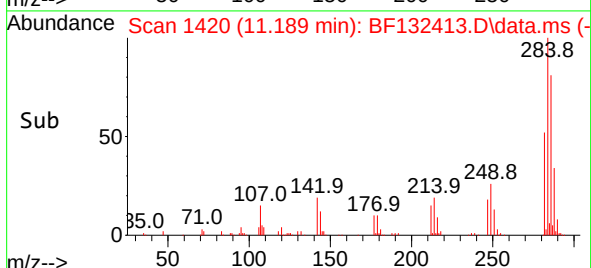
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

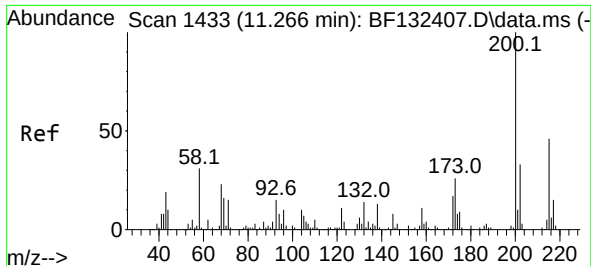


#68
Hexachlorobenzene
Concen: 48.781 ng
RT: 11.189 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



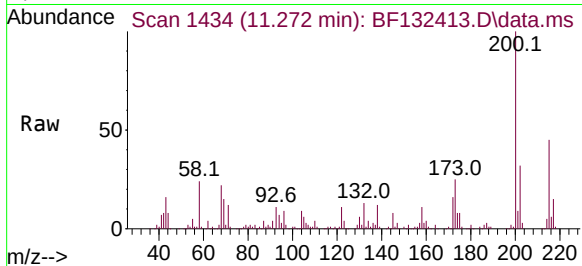
Tgt Ion:284 Resp: 215029
Ion Ratio Lower Upper
284 100
142 28.9 30.1 45.1#
249 28.6 25.0 37.4





#69
 Atrazine
 Concen: 49.811 ng
 RT: 11.272 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: BF132413.D
 Acq: 13 Feb 2023 16:54

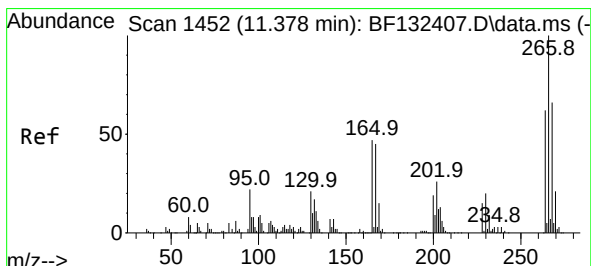
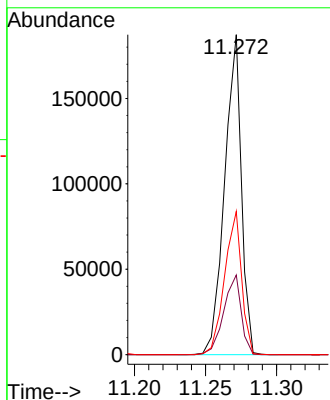
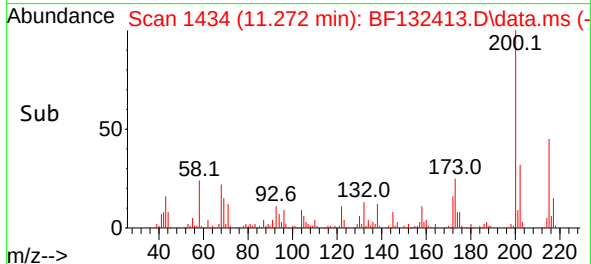
Instrument :
 BNA_F
 ClientSampleId :
 PB150810BS



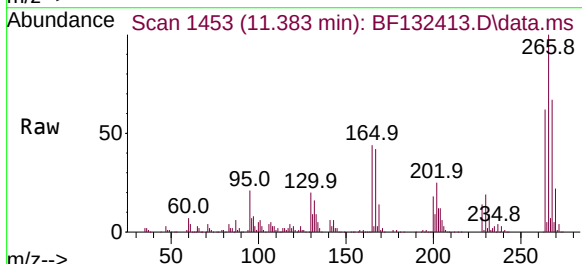
Tgt Ion:200 Resp: 153956
 Ion Ratio Lower Upper
 200 100
 173 24.9 6.3 46.3
 215 44.7 26.1 66.1

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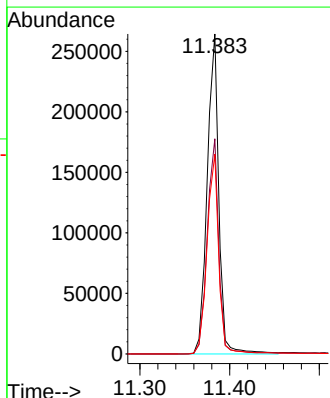
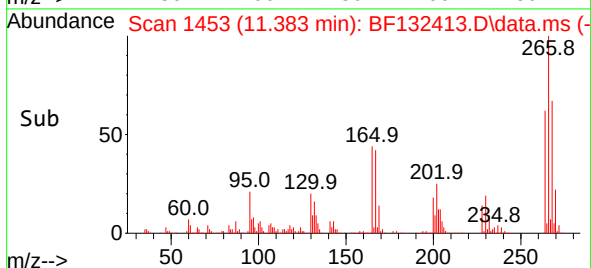
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023

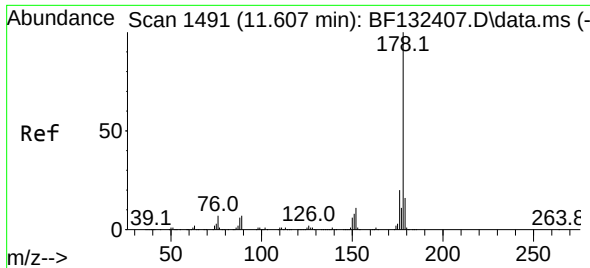


#70
 Pentachlorophenol
 Concen: 90.257 ng
 RT: 11.383 min Scan# 1453
 Delta R.T. 0.006 min
 Lab File: BF132413.D
 Acq: 13 Feb 2023 16:54



Tgt Ion:266 Resp: 238041
 Ion Ratio Lower Upper
 266 100
 268 67.2 53.0 79.4
 264 62.4 49.6 74.4





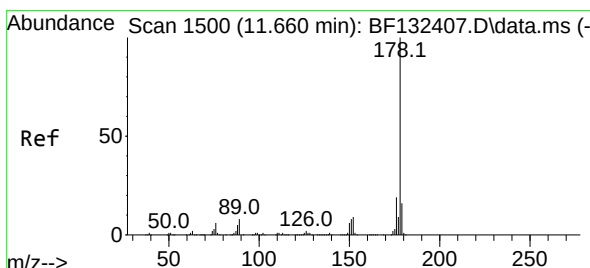
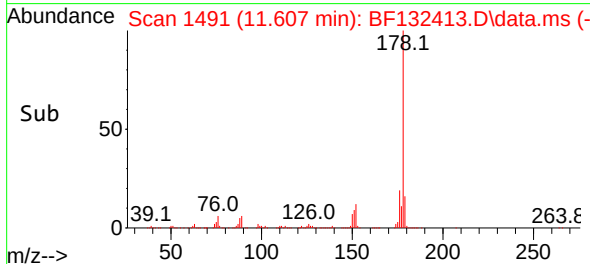
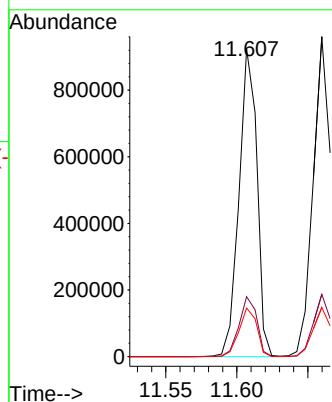
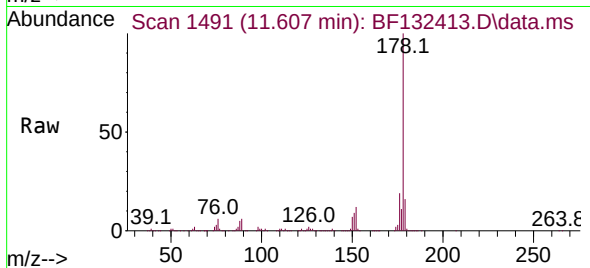
#71
Phenanthrene
Concen: 43.431 ng
RT: 11.607 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Instrument :
BNA_F
ClientSampleId :
PB150810BS

Tgt Ion:178 Resp: 808485
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 15.8 12.6 19.0

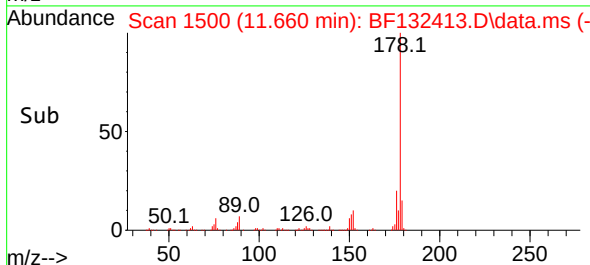
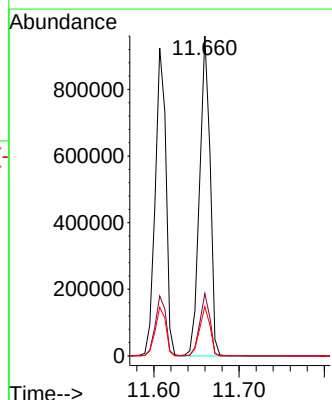
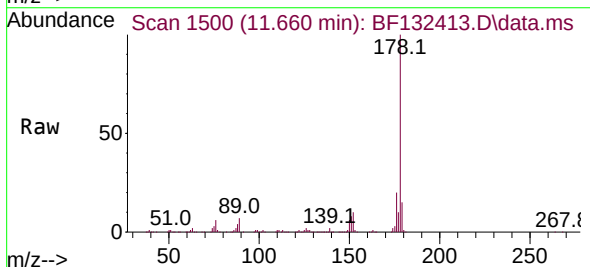
Manual Integrations
APPROVED

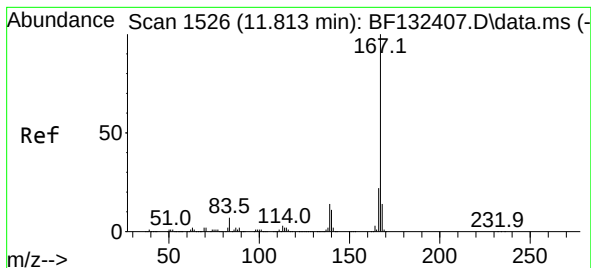
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#72
Anthracene
Concen: 42.977 ng
RT: 11.660 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion:178 Resp: 819372
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.4 12.6 19.0





#73
 Carbazole
 Concen: 43.454 ng
 RT: 11.813 min Scan# 1526
 Delta R.T. -0.000 min
 Lab File: BF132413.D
 Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

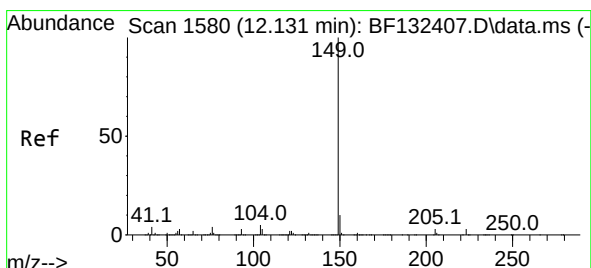
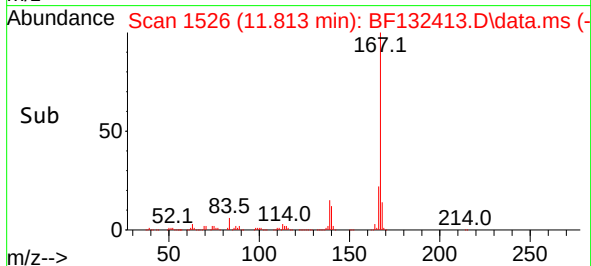
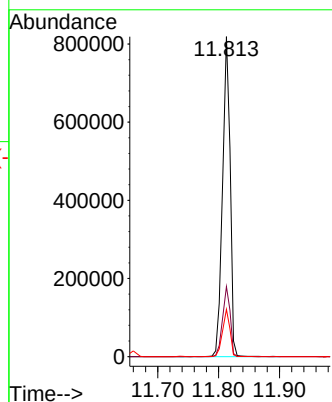
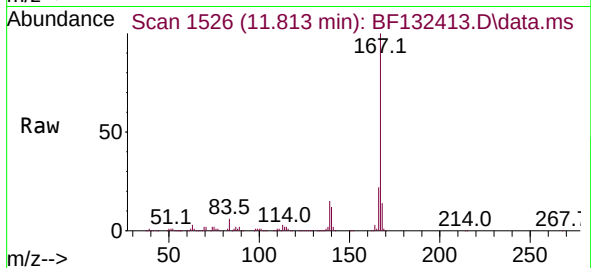
PB150810BS

Tgt Ion:167 Resp: 710958
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 14.8 11.3 16.9

Manual Integrations

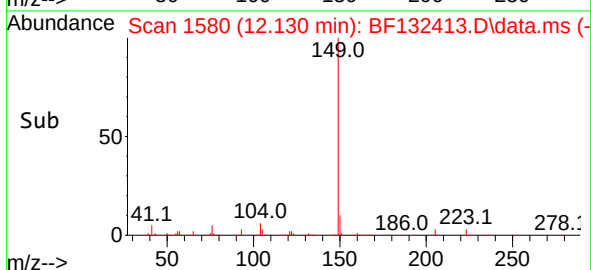
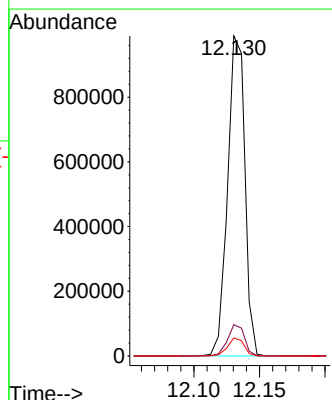
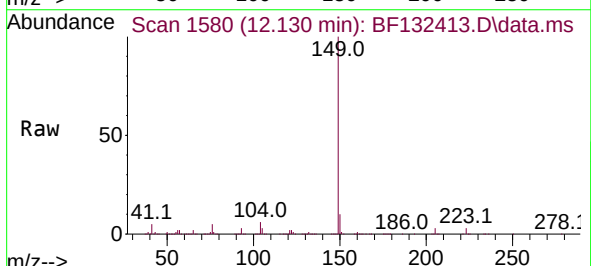
APPROVED

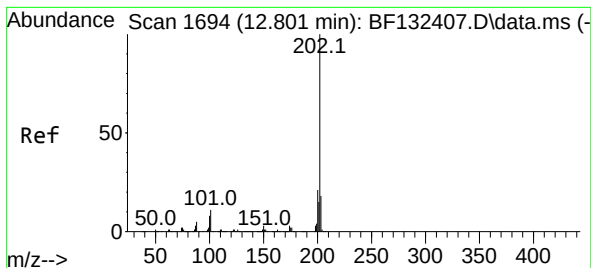
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023



#74
 Di-n-butylphthalate
 Concen: 44.283 ng
 RT: 12.130 min Scan# 1580
 Delta R.T. -0.000 min
 Lab File: BF132413.D
 Acq: 13 Feb 2023 16:54

Tgt Ion:149 Resp: 909824
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 5.6 4.2 6.2





#75

Fluoranthene

Concen: 45.675 ng

RT: 12.807 min Scan# 1694

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

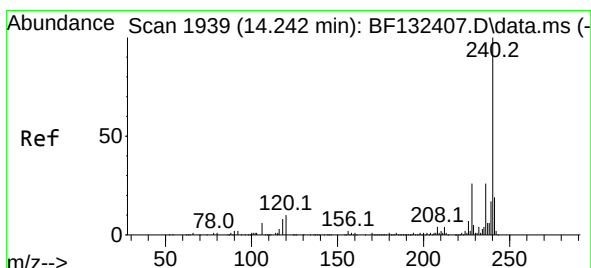
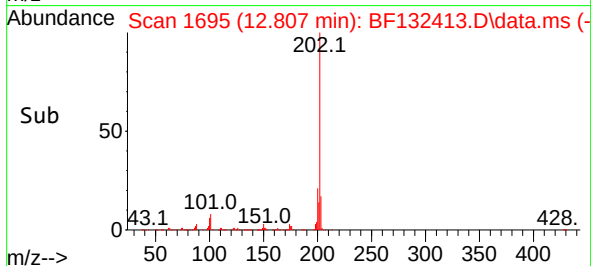
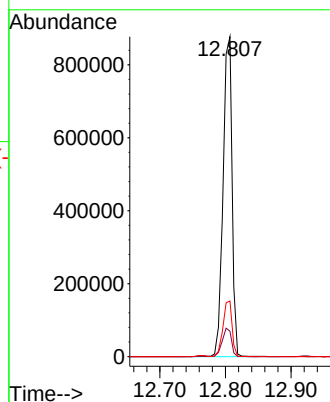
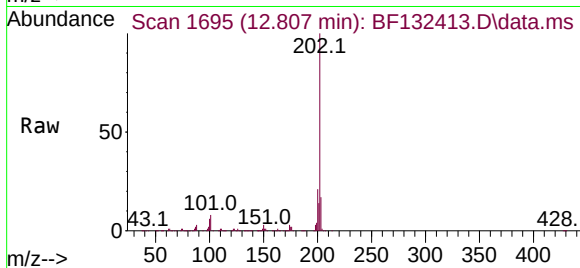
PB150810BS

Tgt Ion:	202	Resp:	841443
Ion Ratio	Lower	Upper	
202	100		
101	7.9	0.0	31.0
203	17.4	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

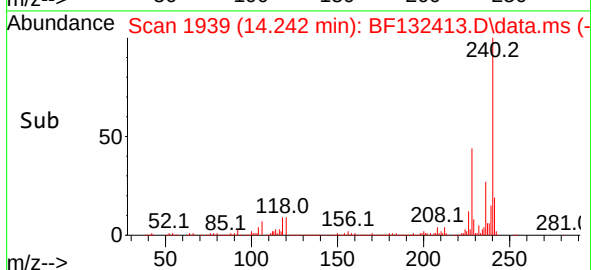
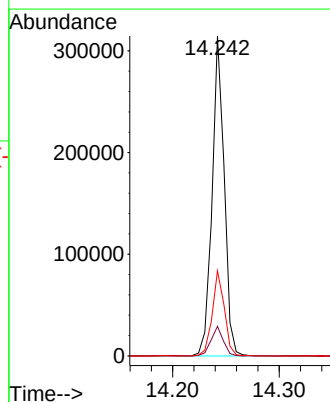
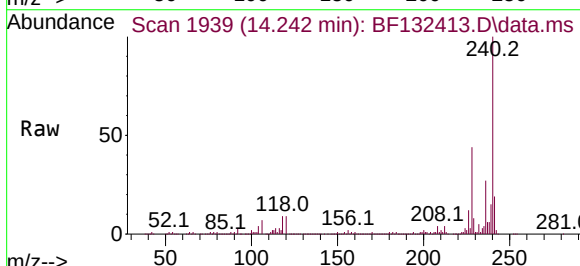
RT: 14.242 min Scan# 1939

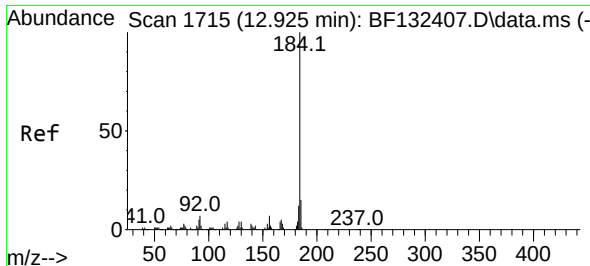
Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

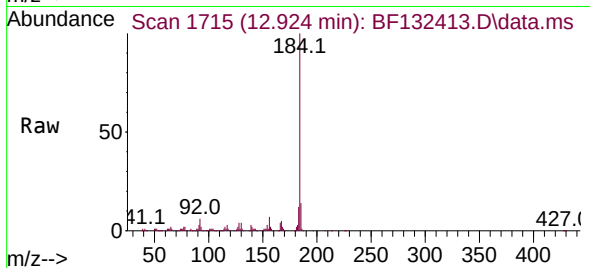
Tgt Ion:	240	Resp:	248300
Ion Ratio	Lower	Upper	
240	100		
120	9.2	7.7	11.5
236	26.6	21.1	31.7





#77
Benzidine
Concen: 75.777 ng
RT: 12.924 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

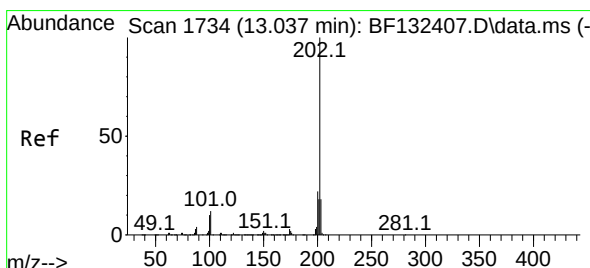
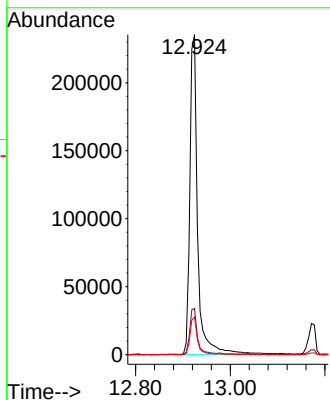
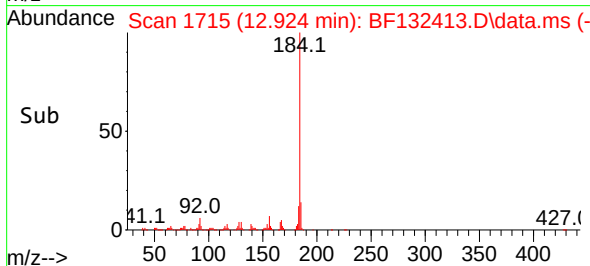
Instrument :
BNA_F
ClientSampleId :
PB150810BS



Tgt Ion:184 Resp: 267695
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 11.7 9.3 13.9

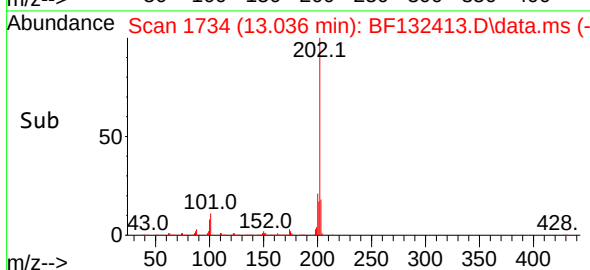
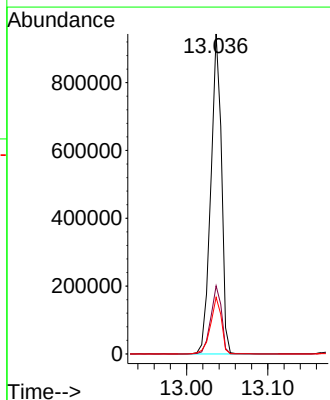
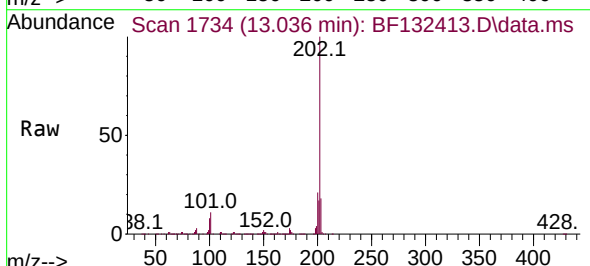
Manual Integrations
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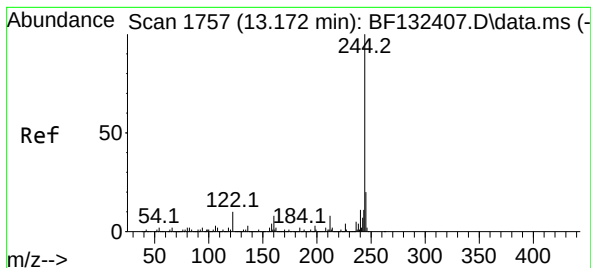
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#78
Pyrene
Concen: 41.931 ng
RT: 13.036 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion:202 Resp: 862839
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.0
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 93.603 ng

RT: 13.177 min Scan# 1757

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

PB150810BS

Tgt Ion:244 Resp: 1381924

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

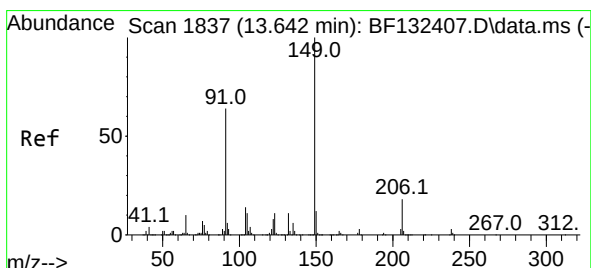
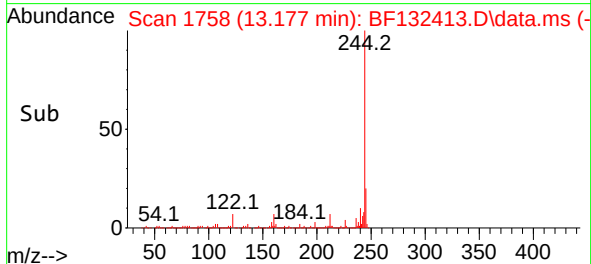
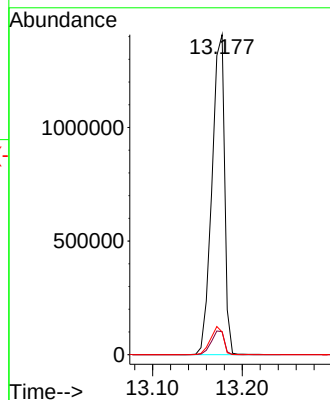
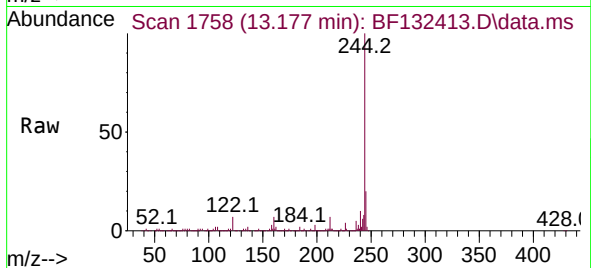
122 7.1 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#80

Butylbenzylphthalate

Concen: 44.384 ng

RT: 13.648 min Scan# 1838

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

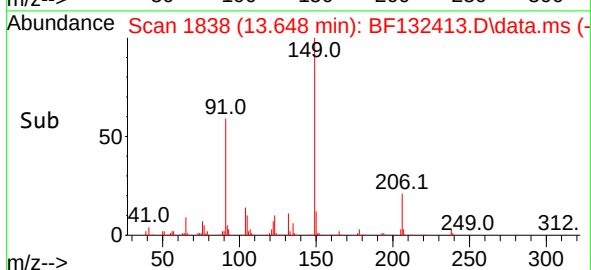
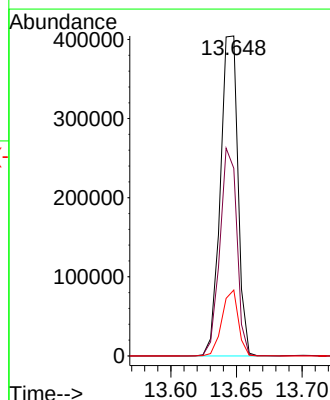
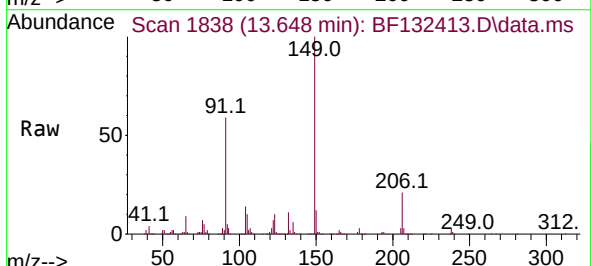
Tgt Ion:149 Resp: 378577

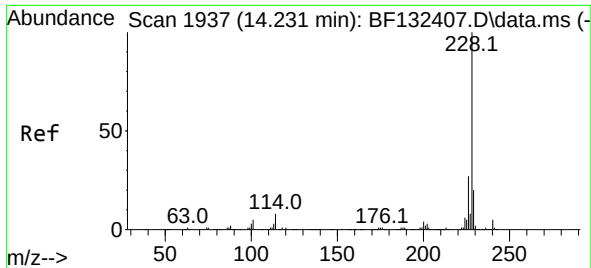
Ion Ratio Lower Upper

149 100

91 58.6 51.6 77.4

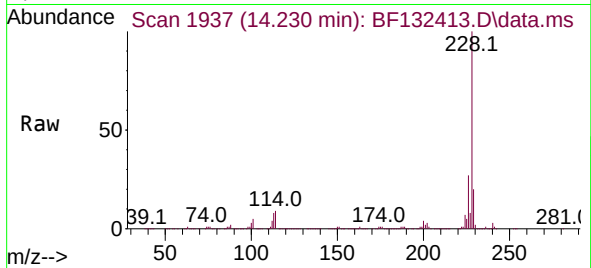
206 20.6 14.8 22.2





#81
Benzo(a)anthracene
Concen: 43.850 ng
RT: 14.230 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

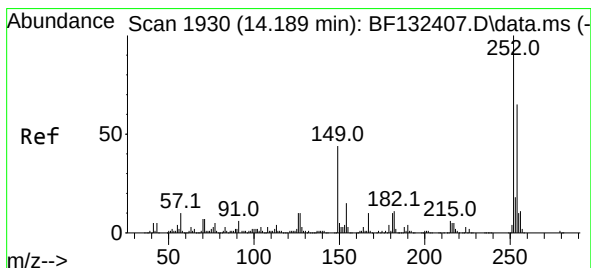
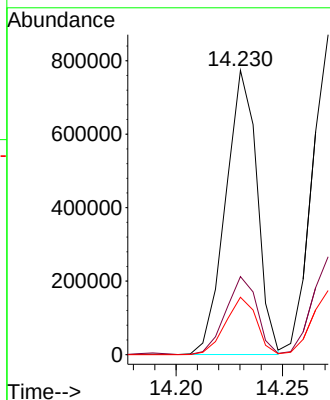
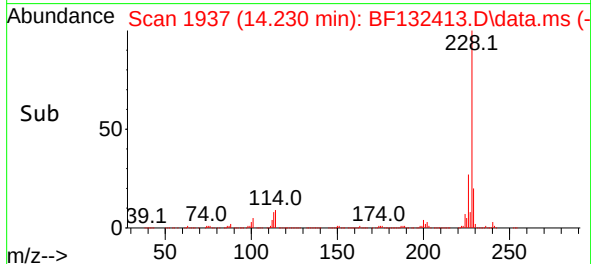
Instrument :
BNA_F
ClientSampleId :
PB150810BS



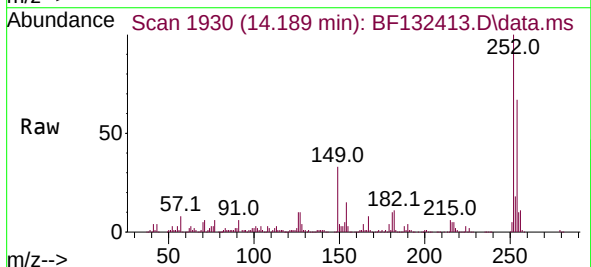
Tgt Ion:228 Resp: 792144
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.6
229 20.2 15.7 23.5

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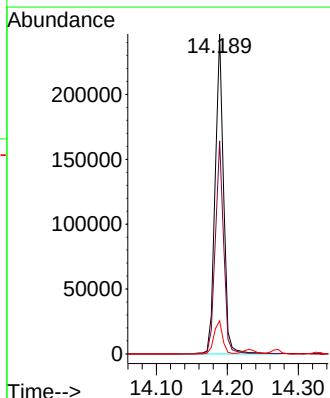
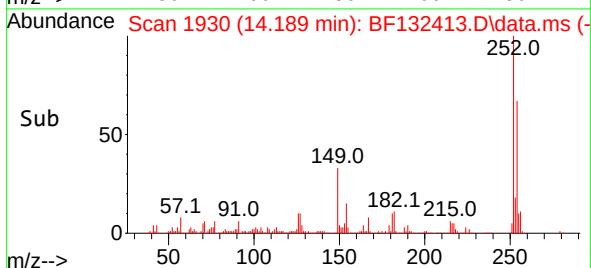
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

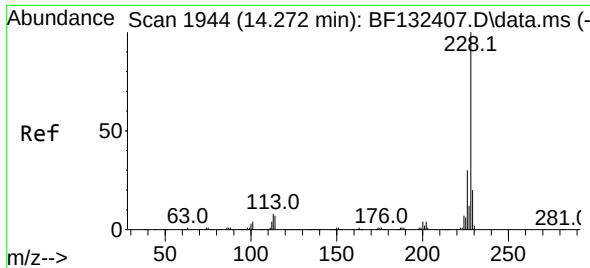


#82
3,3'-Dichlorobenzidine
Concen: 40.758 ng
RT: 14.189 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



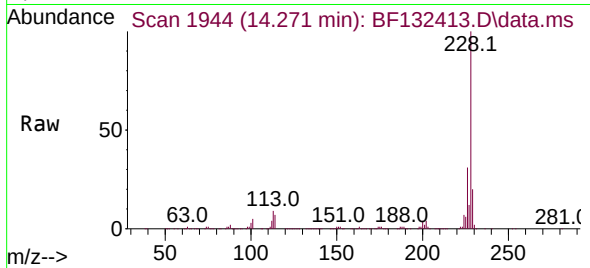
Tgt Ion:252 Resp: 203623
Ion Ratio Lower Upper
252 100
254 66.6 51.8 77.6
126 10.3 8.1 12.1





#83
Chrysene
Concen: 43.149 ng
RT: 14.271 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

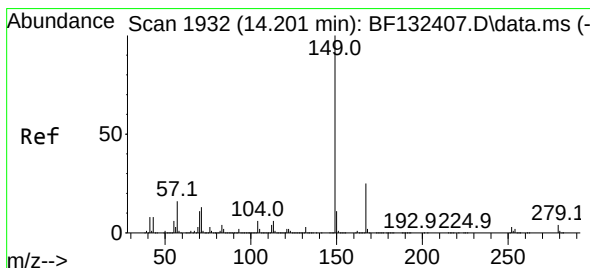
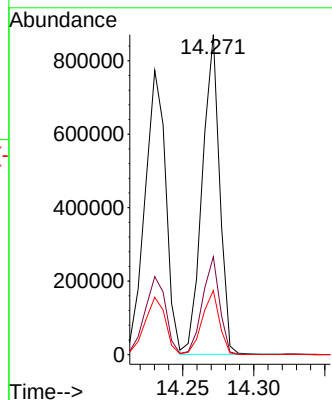
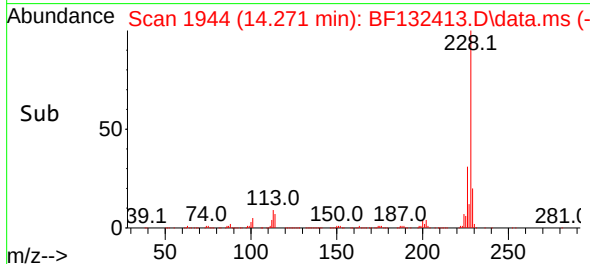
Instrument :
BNA_F
ClientSampleId :
PB150810BS



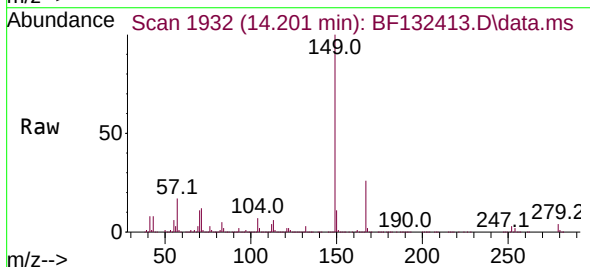
Tgt Ion:228 Resp: 735555
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.4
229 20.0 16.0 24.0

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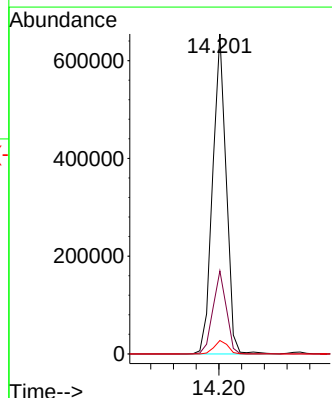
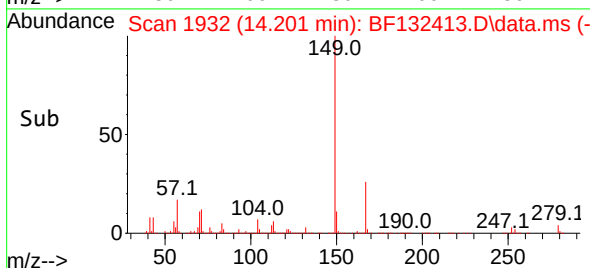
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

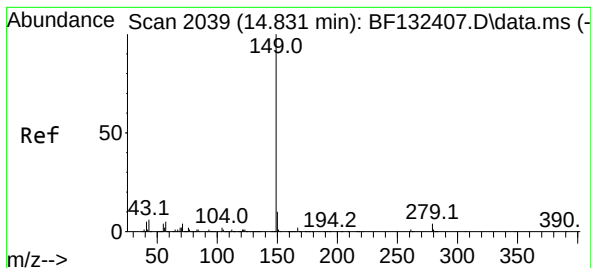


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.174 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



Tgt Ion:149 Resp: 541955
Ion Ratio Lower Upper
149 100
167 25.9 20.2 30.4
279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.333 ng

RT: 14.830 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF132413.D

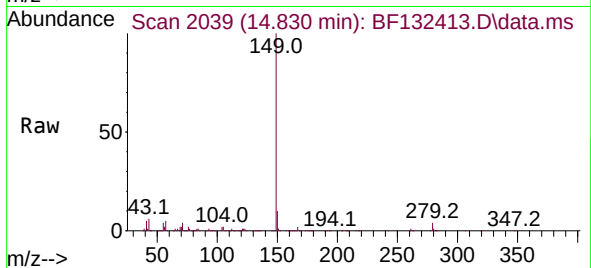
Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

PB150810BS



Tgt Ion:149 Resp: 886674

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

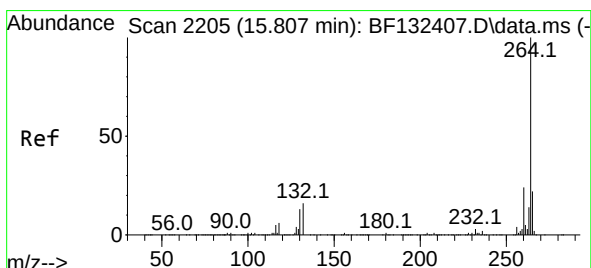
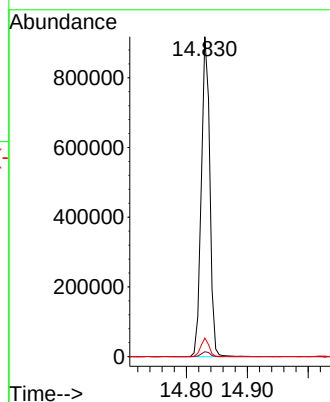
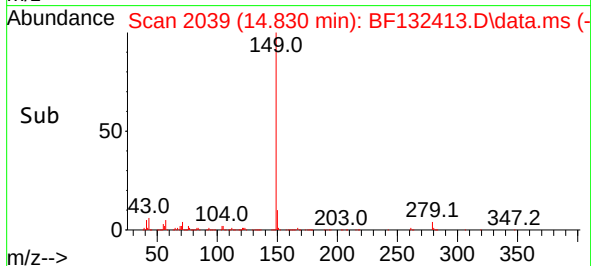
43 5.7 4.6 6.8

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: BF132413.D

Acq: 13 Feb 2023 16:54

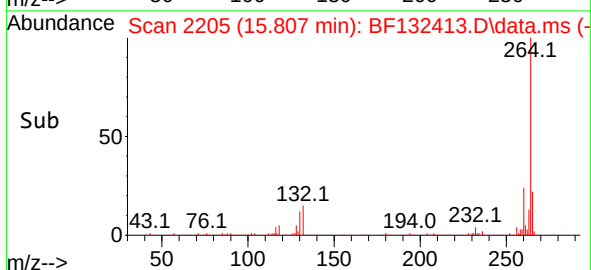
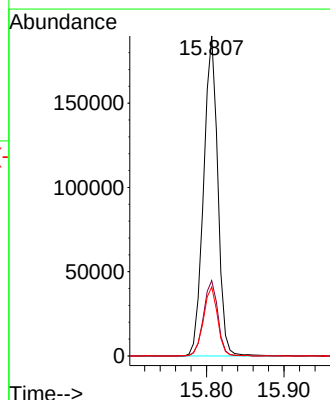
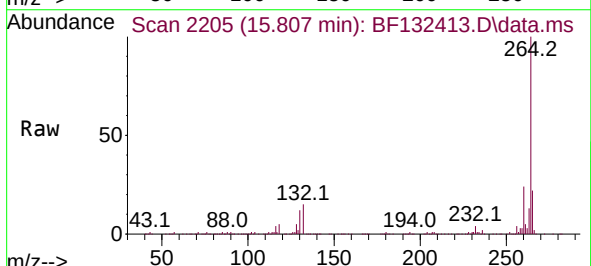
Tgt Ion:264 Resp: 240650

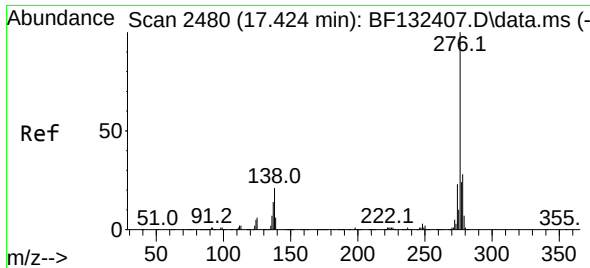
Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

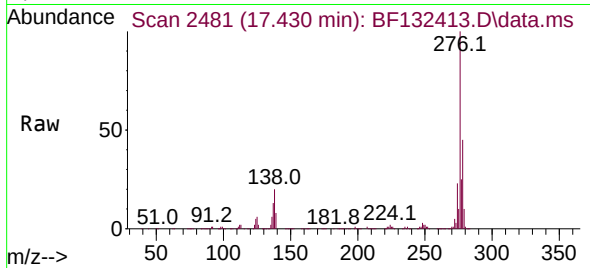
265 21.5 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.520 ng
RT: 17.430 min Scan# 2480
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

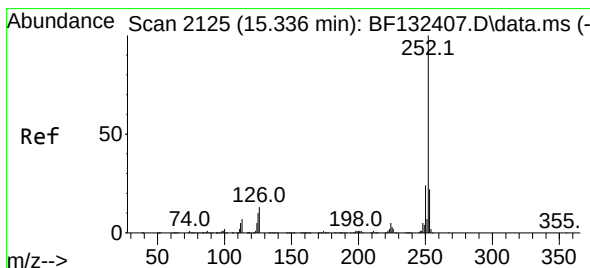
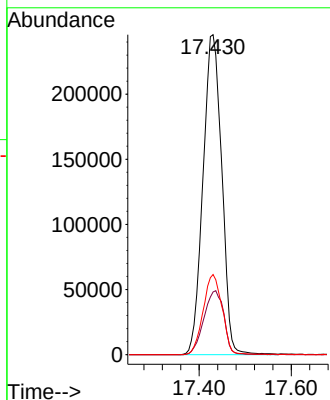
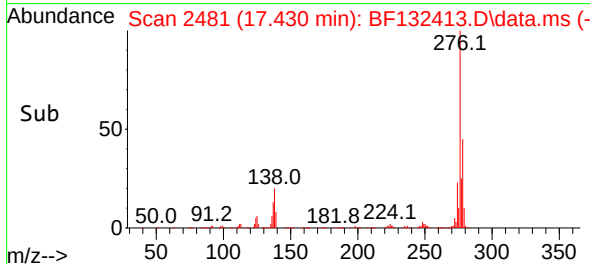
Instrument :
BNA_F
ClientSampleId :
PB150810BS



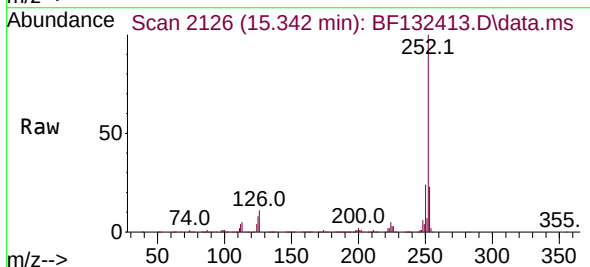
Tgt Ion: 276 Resp: 693103
Ion Ratio Lower Upper
276 100
138 21.3 19.1 28.7
277 25.2 20.0 30.0

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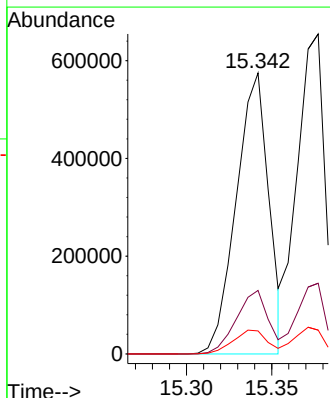
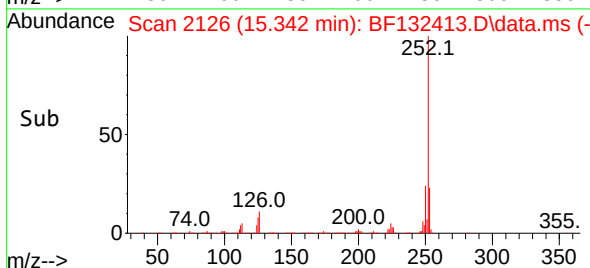
Reviewed By : Christian Giraldo 02/14/2023
Supervised By : Jagrut Upadhyay 02/14/2023

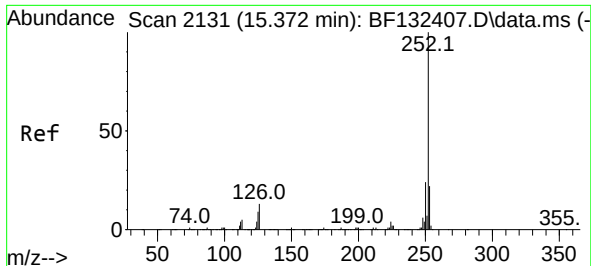


#88
Benzo(b)fluoranthene
Concen: 48.856 ng
RT: 15.342 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



Tgt Ion: 252 Resp: 763281
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 8.2 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 48.292 ng m

RT: 15.377 min Scan# 2131

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

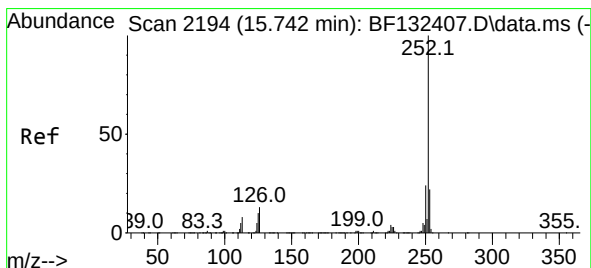
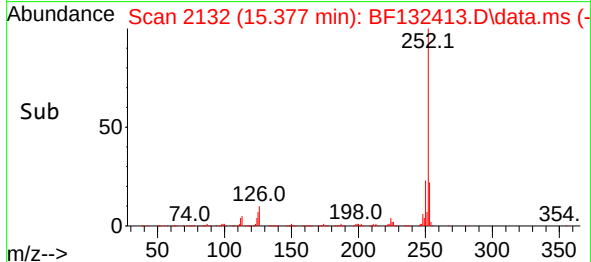
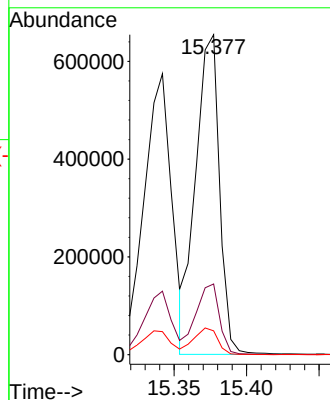
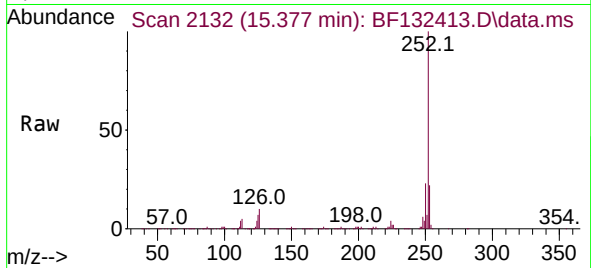
PB150810BS

Tgt Ion:252 Resp: 750493
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.7 26.5
 125 7.4 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: 44.614 ng

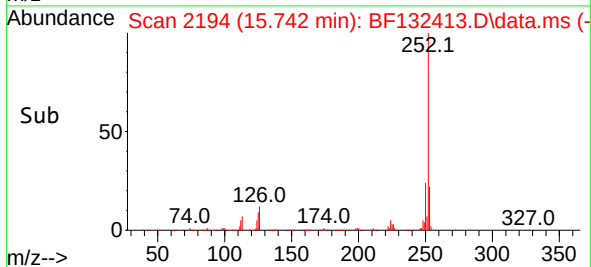
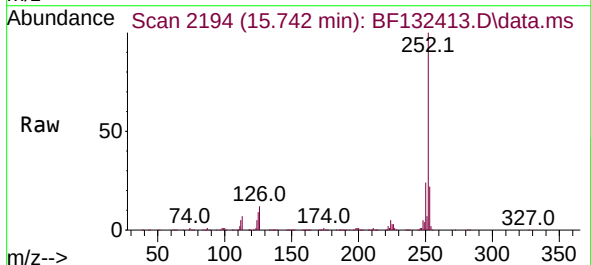
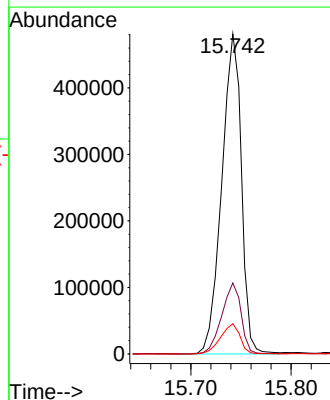
RT: 15.742 min Scan# 2194

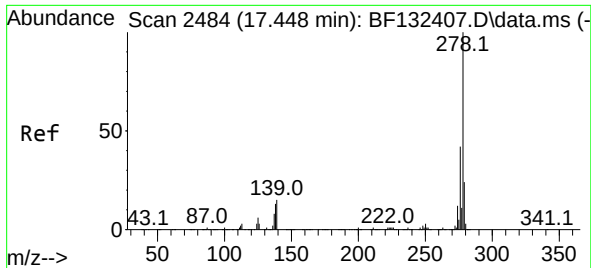
Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Tgt Ion:252 Resp: 654620
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.0 27.0
 125 9.4 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 41.357 ng
RT: 17.448 min Scan# 2484
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

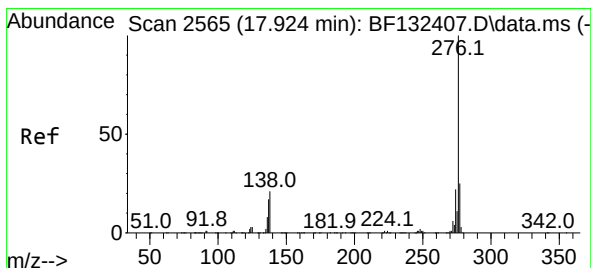
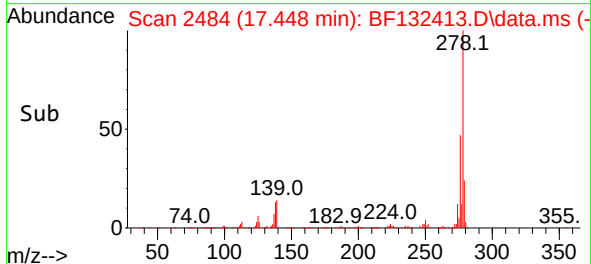
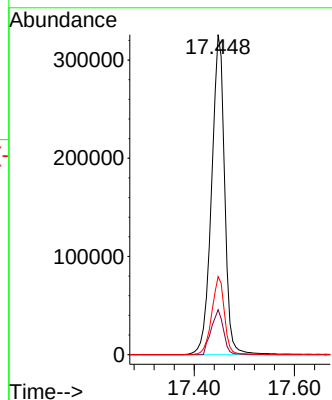
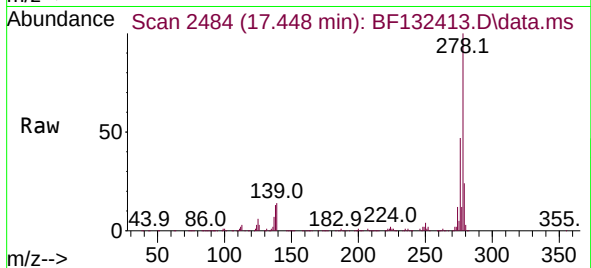
ClientSampleId :

PB150810BS

Tgt Ion:278 Resp: 589178
Ion Ratio Lower Upper
278 100
139 14.0 11.8 17.8
279 24.4 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: 39.594 ng
RT: 17.930 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion:276 Resp: 555603
Ion Ratio Lower Upper
276 100
277 23.4 19.6 29.4
138 17.4 16.6 25.0

