

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132416.D
 Acq On : 13 Feb 2023 18:34
 Operator : CG\JU
 Sample : PB150774BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150774BS

Manual Integrations
 APPROVED

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

Quant Time: Feb 14 01:39:17 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	159719	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	573964	20.000	ng	0.00
39) Acenaphthene-d10	10.084	164	289223	20.000	ng	0.00
64) Phenanthrene-d10	11.583	188	532599	20.000	ng	# 0.00
76) Chrysene-d12	14.242	240	378391	20.000	ng	0.00
86) Perylene-d12	15.807	264	399732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	895358	102.297	ng	0.02
7) Phenol-d6	6.660	99	1067177	97.832	ng	0.00
23) Nitrobenzene-d5	7.601	82	643240	66.856	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	375734	97.623	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	1293813	64.761	ng	0.00
79) Terphenyl-d14	13.172	244	1385309	61.573	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.060	88	193065	30.020	ng	99
3) Pyridine	3.790	79	543971	46.745	ng	95
4) n-Nitrosodimethylamine	3.755	42	173303	45.609	ng	86
6) Aniline	6.701	93	379493m	32.000	ng	
8) 2-Chlorophenol	6.825	128	438212	41.831	ng	98
9) Benzaldehyde	6.584	77	214440	53.460	ng	96
10) Phenol	6.672	94	477523	42.908	ng	99
11) bis(2-Chloroethyl)ether	6.766	93	485682	43.433	ng	99
12) 1,3-Dichlorobenzene	6.972	146	491422	42.794	ng	97
13) 1,4-Dichlorobenzene	7.048	146	497716	43.182	ng	97
14) 1,2-Dichlorobenzene	7.207	146	459926	42.437	ng	99
15) Benzyl Alcohol	7.172	79	326552	50.164	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.301	45	354921	39.969	ng	99
17) 2-Methylphenol	7.284	107	342391	36.228	ng	99
18) Hexachloroethane	7.548	117	185506	40.569	ng	95
19) n-Nitroso-di-n-propyla...	7.448	70	234778	37.718	ng	95
20) 3+4-Methylphenols	7.431	107	412618	34.747	ng	91
22) Acetophenone	7.442	105	554991	41.479	ng	99
24) Nitrobenzene	7.619	77	405232	42.321	ng	99
25) Isophorone	7.854	82	739572	43.631	ng	99
26) 2-Nitrophenol	7.937	139	245810	46.781	ng	93
27) 2,4-Dimethylphenol	7.966	122	393812	45.968	ng	98
28) bis(2-Chloroethoxy)met...	8.060	93	477885	43.620	ng	98
29) 2,4-Dichlorophenol	8.178	162	368700	43.495	ng	96
30) 1,2,4-Trichlorobenzene	8.260	180	413924	42.994	ng	99
31) Naphthalene	8.342	128	1220381	40.565	ng	100
32) Benzoic acid	8.089	122	289824	64.463	ng	98
33) 4-Chloroaniline	8.413	127	111888	10.116	ng	98
34) Hexachlorobutadiene	8.454	225	253088	41.179	ng	98
35) Caprolactam	8.766	113	114571m	45.112	ng	
36) 4-Chloro-3-methylphenol	8.872	107	370764	40.587	ng	98
37) 2-Methylnaphthalene	9.037	142	815895	34.753	ng	100
38) 1-Methylnaphthalene	9.136	142	758183	34.217	ng	100
40) 1,2,4,5-Tetrachloroben...	9.201	216	391435	42.899	ng	98
41) Hexachlorocyclopentadiene	9.189	237	583257	104.990	ng	99
43) 2,4,6-Trichlorophenol	9.313	196	267861	43.229	ng	98

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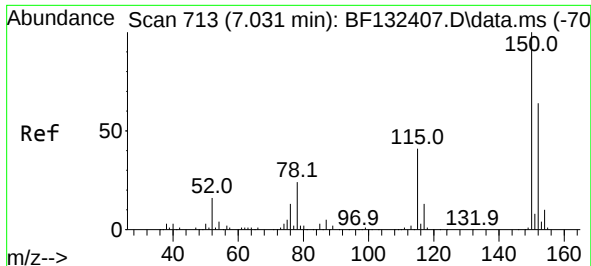
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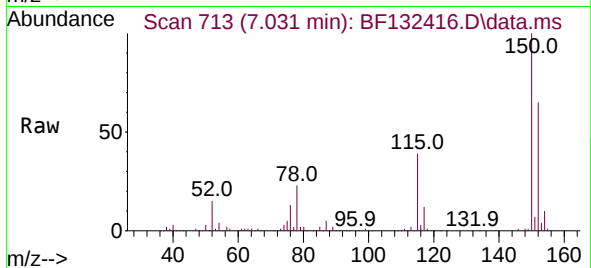
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.354	196	289465	40.786	ng	94
46) 1,1'-Biphenyl	9.501	154	982062	41.631	ng	100
47) 2-Chloronaphthalene	9.531	162	769259	42.626	ng	98
48) 2-Nitroaniline	9.625	65	177076	42.047	ng	94
49) Acenaphthylene	9.948	152	1188447	41.422	ng	100
50) Dimethylphthalate	9.801	163	878554	40.331	ng	100
51) 2,6-Dinitrotoluene	9.866	165	199536	41.753	ng	92
52) Acenaphthene	10.119	154	861759	46.612	ng	100
53) 3-Nitroaniline	10.036	138	143057	26.912	ng	97
54) 2,4-Dinitrophenol	10.142	184	242151	91.130	ng	94
55) Dibenzofuran	10.295	168	1037915	40.305	ng	98
56) 4-Nitrophenol	10.195	139	336057	84.814	ng	97
57) 2,4-Dinitrotoluene	10.272	165	267617	42.625	ng	96
58) Fluorene	10.636	166	814826	40.697	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.407	232	233678	42.897	ng	99
60) Diethylphthalate	10.501	149	873001	40.031	ng	99
61) 4-Chlorophenyl-phenyle...	10.625	204	401832	39.948	ng	98
62) 4-Nitroaniline	10.660	138	201471	41.386	ng	97
63) Azobenzene	10.789	77	691355	40.169	ng	95
65) 4,6-Dinitro-2-methylph...	10.678	198	150530	45.462	ng	89
66) n-Nitrosodiphenylamine	10.748	169	699449	40.680	ng	100
67) 4-Bromophenyl-phenylether	11.119	248	256815	41.313	ng	97
68) Hexachlorobenzene	11.189	284	304716	44.318	ng	# 90
69) Atrazine	11.272	200	230891	47.892	ng	99
70) Pentachlorophenol	11.383	266	336016	81.680	ng	99
71) Phenanthrene	11.607	178	1184936	40.808	ng	100
72) Anthracene	11.660	178	1211463	40.737	ng	99
73) Carbazole	11.813	167	1067325	41.822	ng	100
74) Di-n-butylphthalate	12.130	149	1329650	41.490	ng	99
75) Fluoranthene	12.801	202	1215232	42.290	ng	100
77) Benzidine	12.924	184	757404	140.689	ng	99
78) Pyrene	13.036	202	1255257	40.029	ng	99
80) Butylbenzylphthalate	13.642	149	569474	43.811	ng	99
81) Benzo(a)anthracene	14.230	228	1149358	41.750	ng	98
82) 3,3'-Dichlorobenzidine	14.189	252	248372	32.623	ng	99
83) Chrysene	14.271	228	1055600	40.634	ng	99
84) Bis(2-ethylhexyl)phtha...	14.201	149	795781	43.527	ng	99
85) Di-n-octyl phthalate	14.830	149	1320112	45.266	ng	100
87) Indeno(1,2,3-cd)pyrene	17.430	276	1059347	37.284	ng	99
88) Benzo(b)fluoranthene	15.342	252	1130479	43.562	ng	99
89) Benzo(k)fluoranthene	15.371	252	1090989	42.263	ng	99
90) Benzo(a)pyrene	15.742	252	976514	40.066	ng	99
91) Dibenzo(a,h)anthracene	17.448	278	881824	37.265	ng	99
92) Benzo(g,h,i)perylene	17.924	276	831963	35.693	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

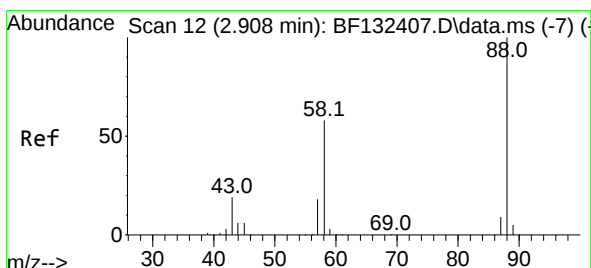
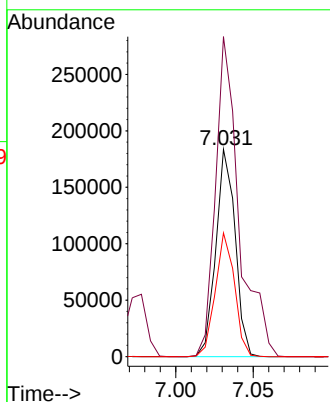
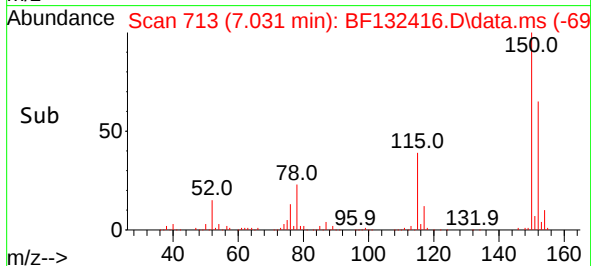
Instrument :
BNA_F
ClientSampleId :
PB150774BS



Tgt Ion:152 Resp: 159719
Ion Ratio Lower Upper
152 100
150 154.4 124.4 186.6
115 59.7 50.6 75.8

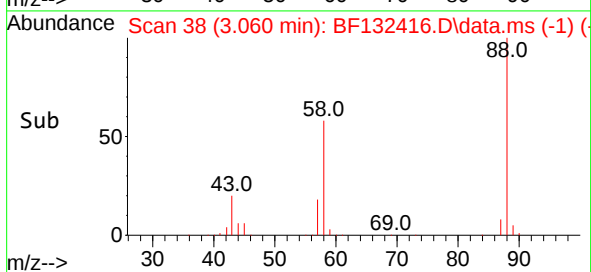
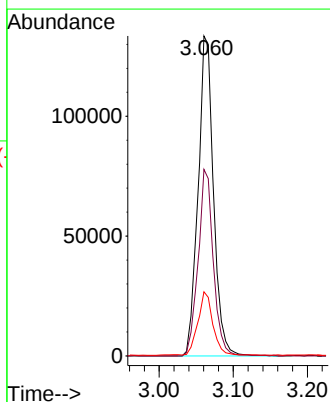
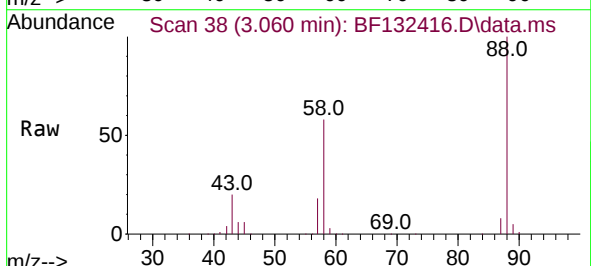
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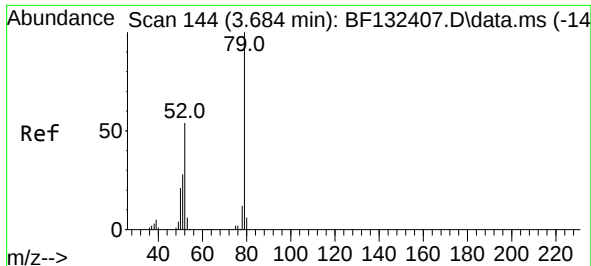
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#2
1,4-Dioxane
Concen: 30.020 ng
RT: 3.060 min Scan# 38
Delta R.T. 0.152 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

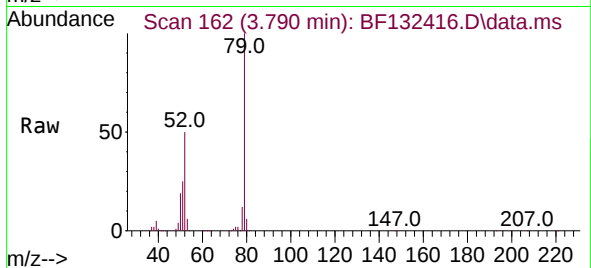
Tgt Ion: 88 Resp: 193065
Ion Ratio Lower Upper
88 100
58 57.5 45.7 68.5
43 19.5 15.0 22.4





#3
Pyridine
Concen: 46.745 ng
RT: 3.790 min Scan# 144
Delta R.T. 0.106 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

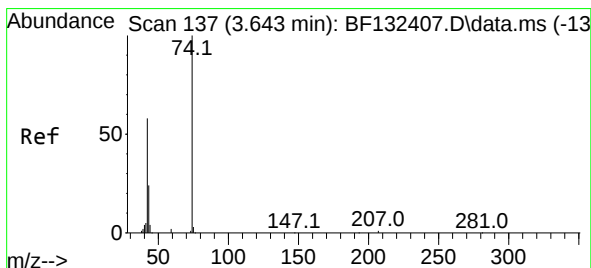
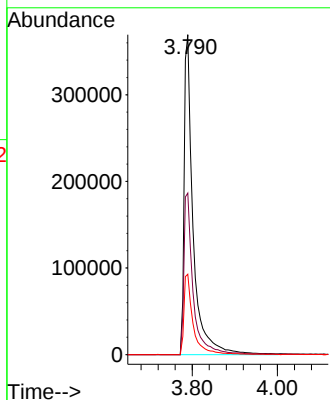
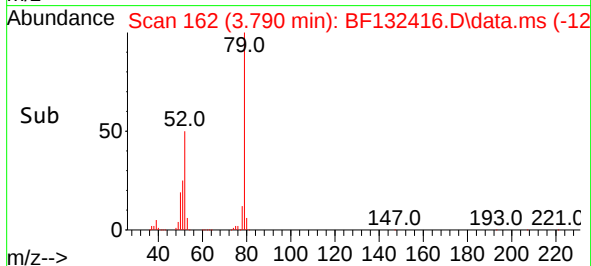
Instrument :
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PB150774BS



Tgt Ion: 79 Resp: 54397
Ion Ratio Lower Upper
79 100
52 50.5 43.3 64.9
51 25.1 22.1 33.1

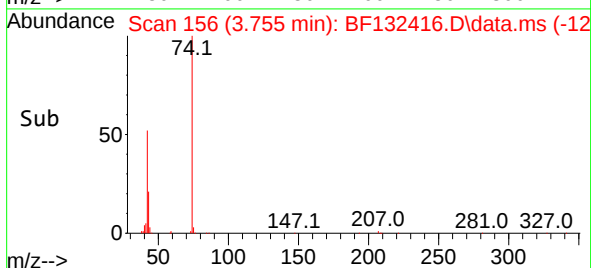
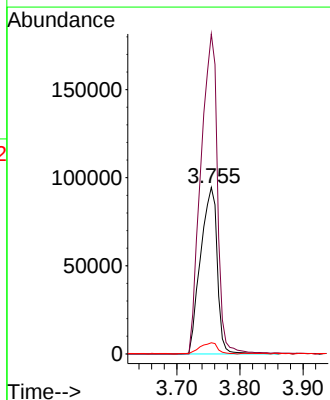
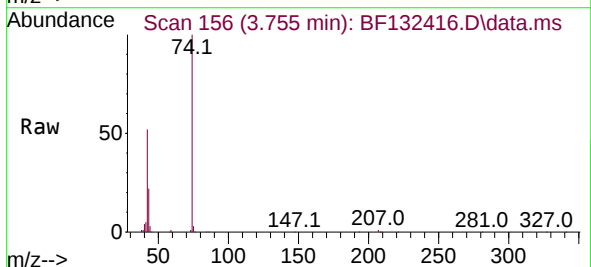
Manual Integrations
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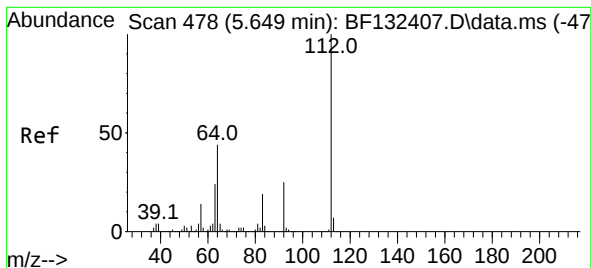
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#4
n-Nitrosodimethylamine
Concen: 45.609 ng
RT: 3.755 min Scan# 156
Delta R.T. 0.112 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

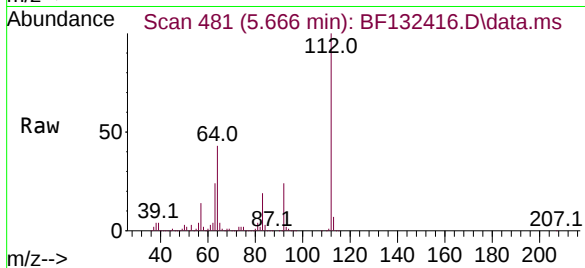
Tgt Ion: 42 Resp: 173303
Ion Ratio Lower Upper
42 100
74 192.2 137.8 206.6
44 6.7 5.8 8.6





#5
2-Fluorophenol
Concen: 102.297 ng
RT: 5.666 min Scan# 481
Delta R.T. 0.017 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

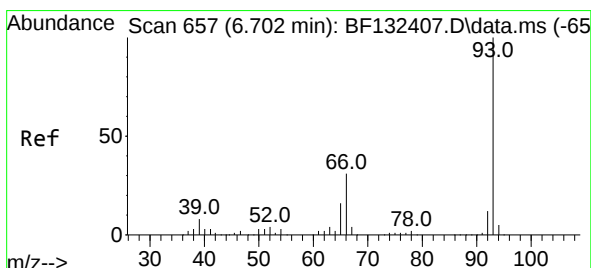
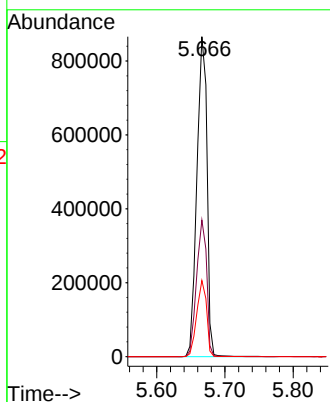
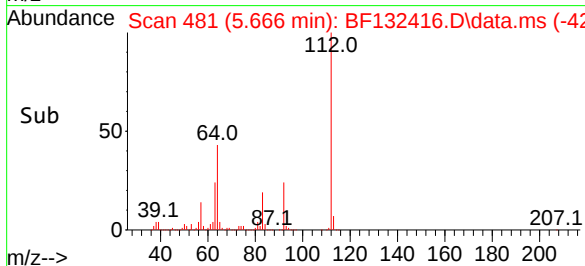
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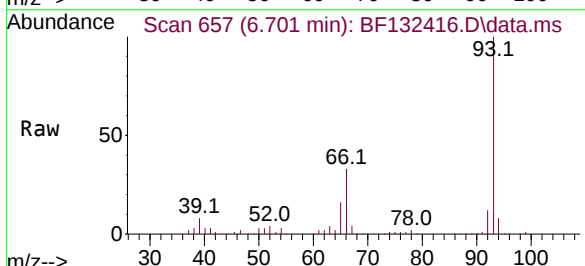
Tgt Ion: 112 Resp: 895358
Ion Ratio Lower Upper
112 100
64 42.7 34.8 52.2
63 23.8 19.3 28.9

Manual Integrations
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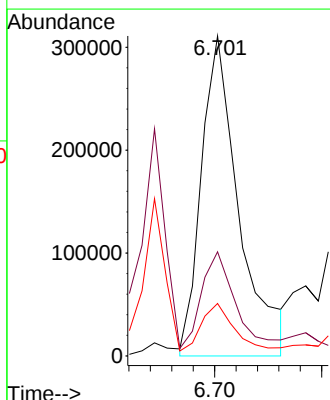
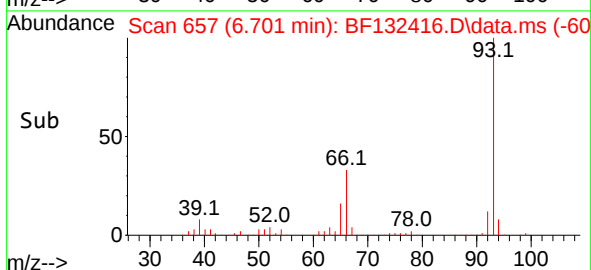
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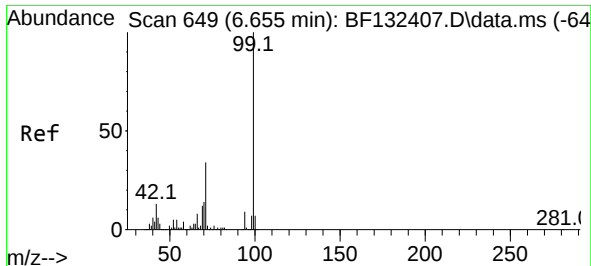


#6
Aniline
Concen: 32.000 ng m
RT: 6.701 min Scan# 657
Delta R.T. -0.001 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34



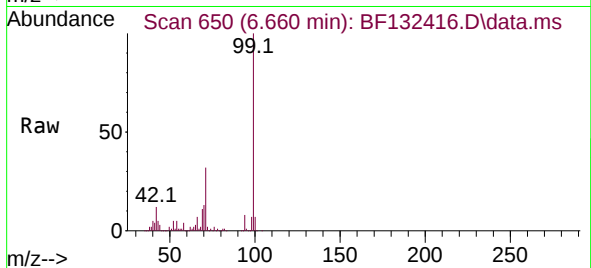
Tgt Ion: 93 Resp: 379493
Ion Ratio Lower Upper
93 100
66 32.5 25.7 38.5
65 16.4 13.1 19.7





#7
Phenol-d6
Concen: 97.832 ng
RT: 6.660 min Scan# 649
Delta R.T. 0.005 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

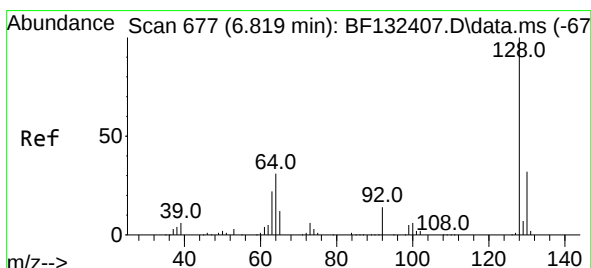
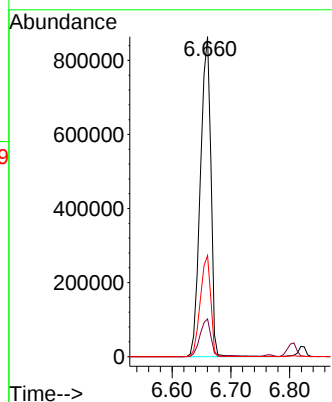
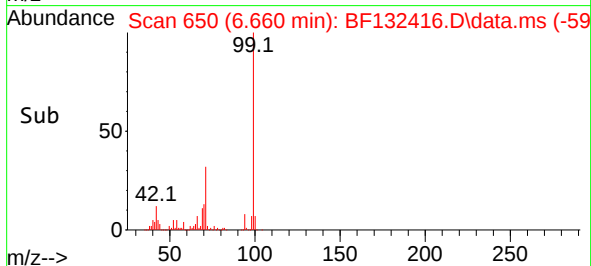
Instrument :
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Tgt Ion: 99 Resp: 106717
Ion Ratio Lower Upper
99 100
42 11.8 10.1 15.1
71 31.6 26.8 40.2

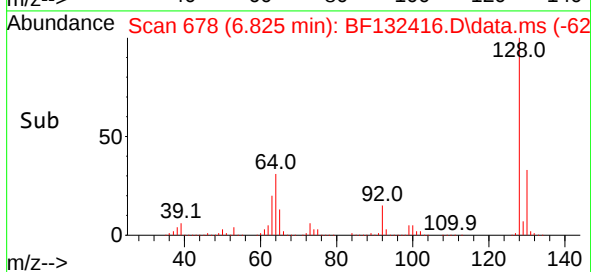
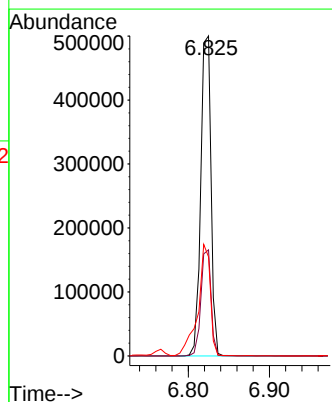
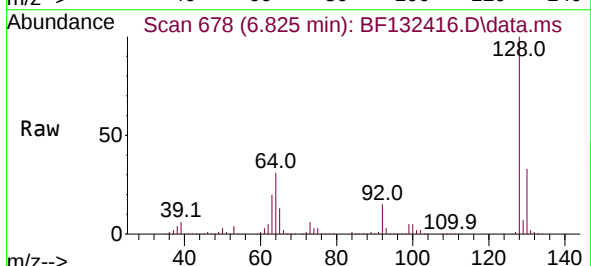
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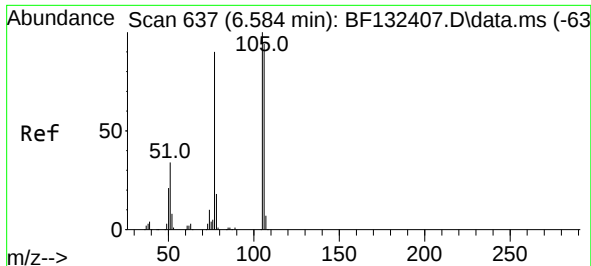
Reviewed By :Christian Giraldo 02/14/2023
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#8
2-Chlorophenol
Concen: 41.831 ng
RT: 6.825 min Scan# 678
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

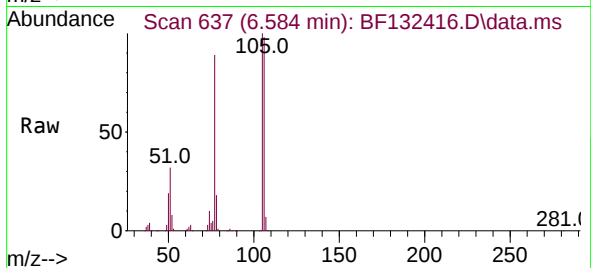
Tgt Ion:128 Resp: 438212
Ion Ratio Lower Upper
128 100
130 33.1 12.0 52.0
64 31.0 12.3 52.3





#9
Benzaldehyde
Concen: 53.460 ng
RT: 6.584 min Scan# 637
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

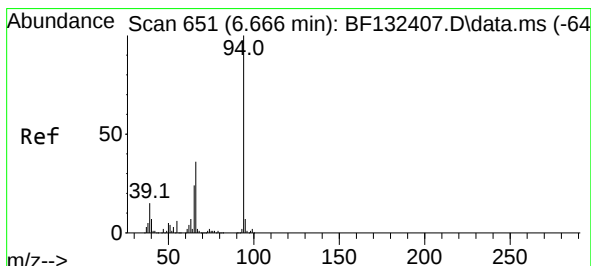
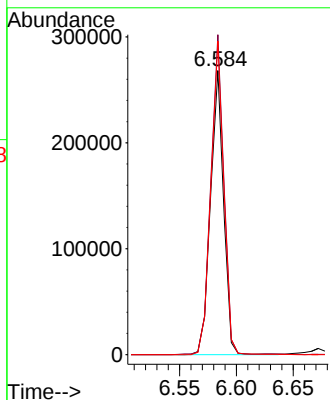
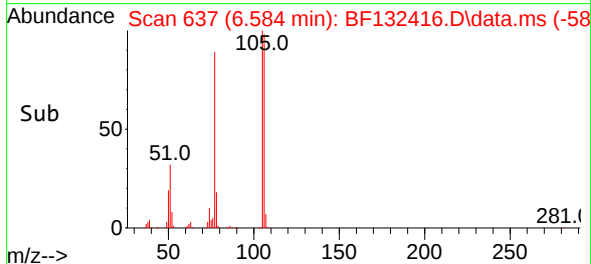
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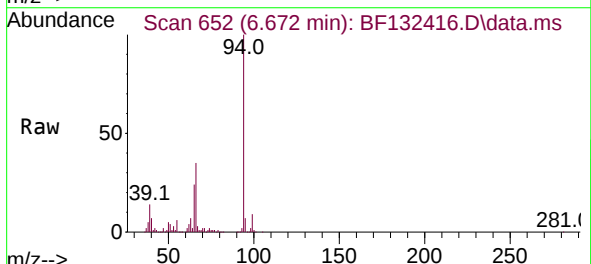
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Ion Ratio Lower Upper
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105 112.7 91.1 131.1
106 110.4 84.2 124.2

Manual Integrations
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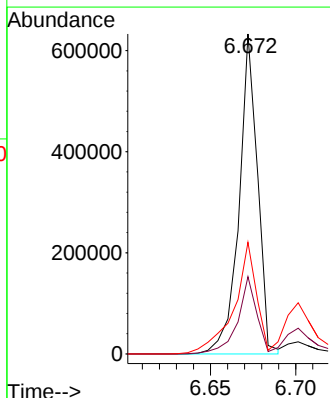
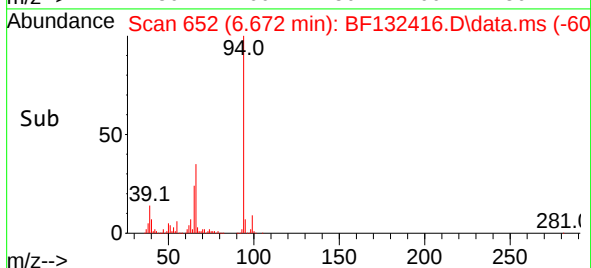
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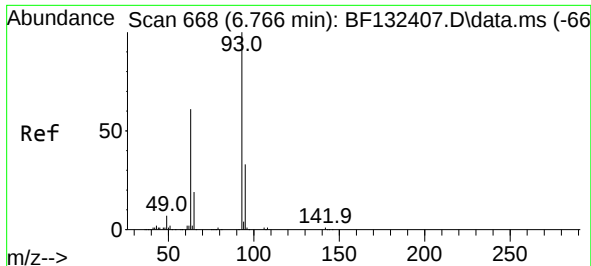


#10
Phenol
Concen: 42.908 ng
RT: 6.672 min Scan# 652
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34



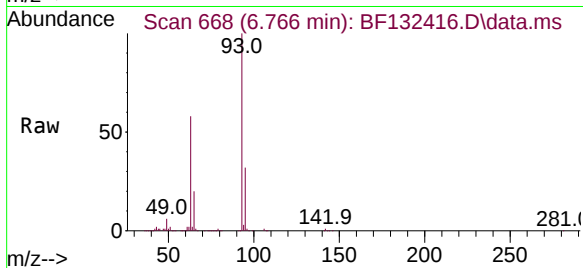
Tgt Ion: 94 Resp: 477523
Ion Ratio Lower Upper
94 100
65 24.1 4.3 44.3
66 34.9 16.2 56.2





#11
bis(2-Chloroethyl)ether
Concen: 43.433 ng
RT: 6.766 min Scan# 60
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

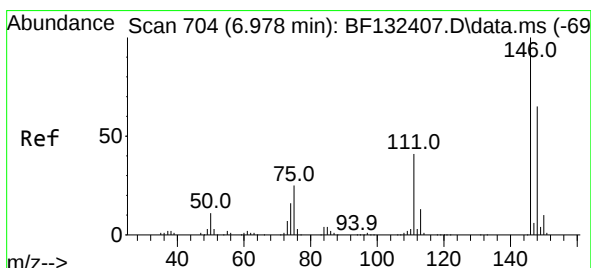
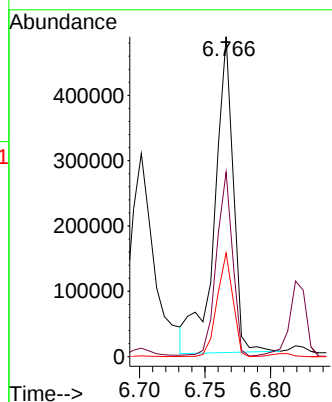
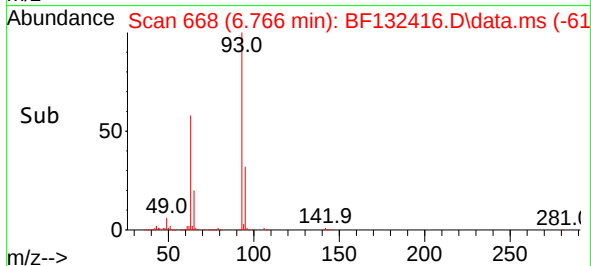
Instrument :
BNA_F
ClientSampleId :
PB150774BS



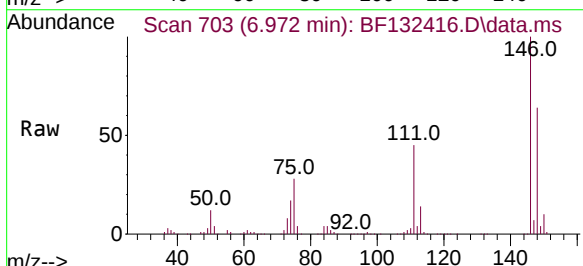
Tgt Ion: 93 Resp: 485682
Ion Ratio Lower Upper
93 100
63 57.7 37.9 77.9
95 32.4 11.7 51.7

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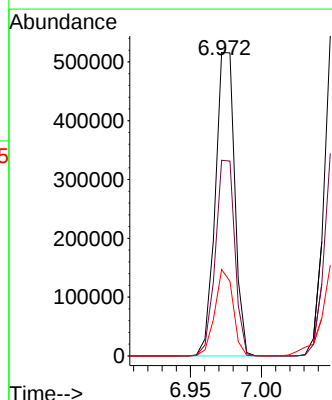
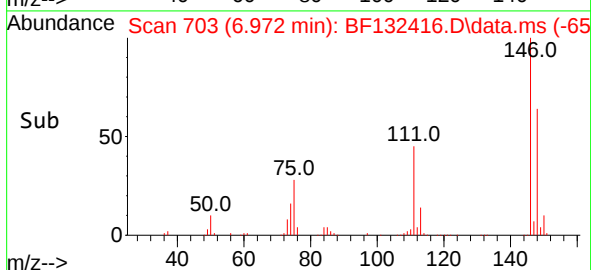
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

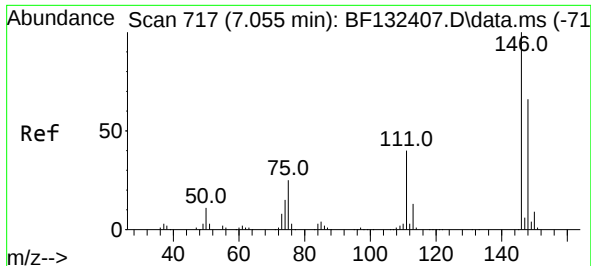


#12
1,3-Dichlorobenzene
Concen: 42.794 ng
RT: 6.972 min Scan# 703
Delta R.T. -0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34



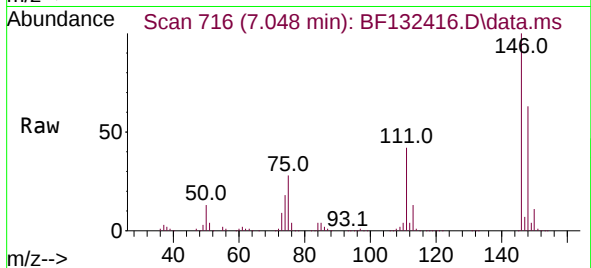
Tgt Ion:146 Resp: 491422
Ion Ratio Lower Upper
146 100
148 64.5 52.2 78.4
75 28.5 20.0 30.0





#13
1,4-Dichlorobenzene
Concen: 43.182 ng
RT: 7.048 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

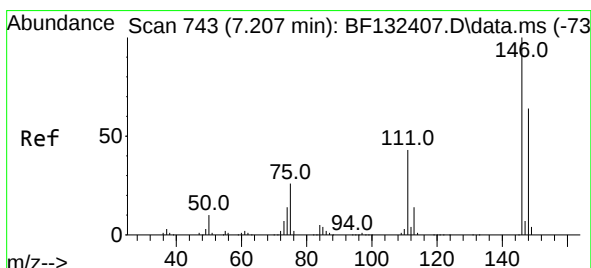
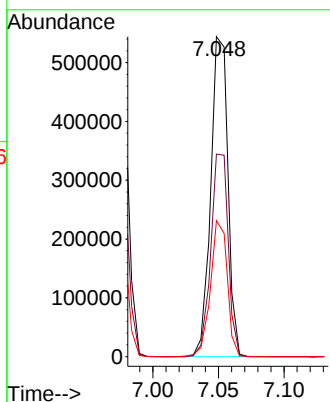
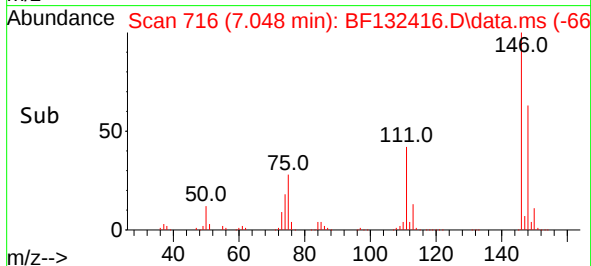
Instrument :
BNA_F
ClientSampleId :
PB150774BS



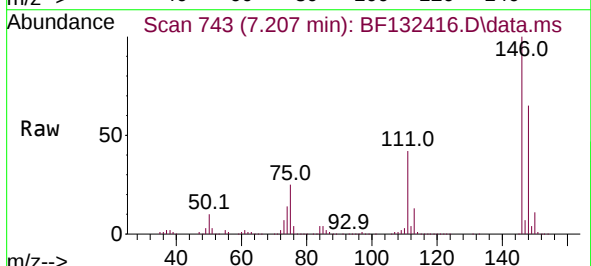
Tgt Ion:146 Resp: 497716
Ion Ratio Lower Upper
146 100
148 63.3 52.4 78.6
111 42.5 32.2 48.2

Manual Integrations
APPROVED

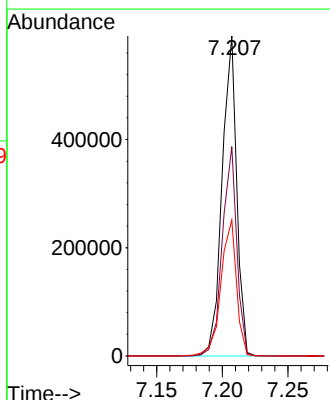
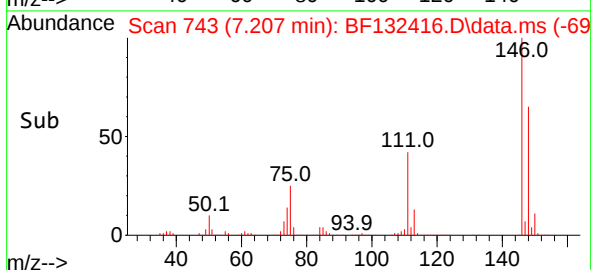
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

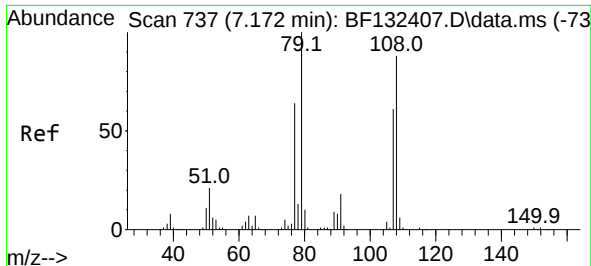


#14
1,2-Dichlorobenzene
Concen: 42.437 ng
RT: 7.207 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34



Tgt Ion:146 Resp: 459926
Ion Ratio Lower Upper
146 100
148 65.5 51.2 76.8
111 42.5 34.2 51.4





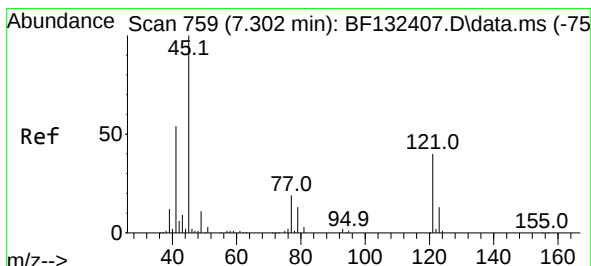
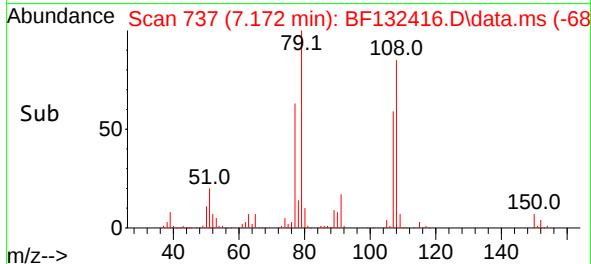
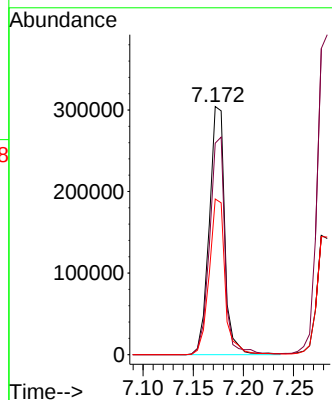
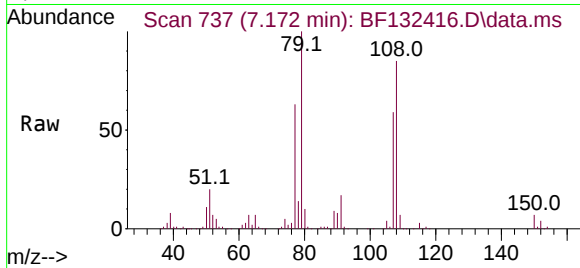
#15
Benzyl Alcohol
Concen: 50.164 ng
RT: 7.172 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Instrument :
BNA_F
ClientSampleId :
PB150774BS

Tgt Ion: 79 Resp: 326552
Ion Ratio Lower Upper
79 100
108 85.2 70.2 105.2
77 62.7 51.1 76.7

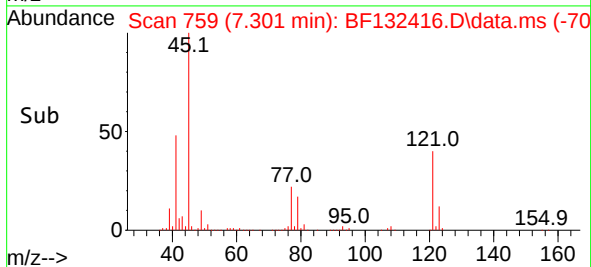
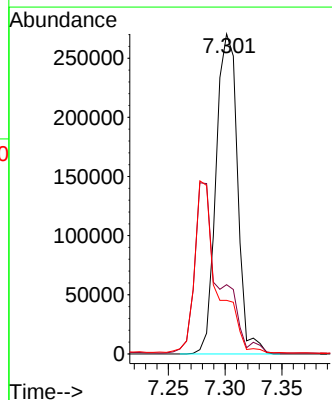
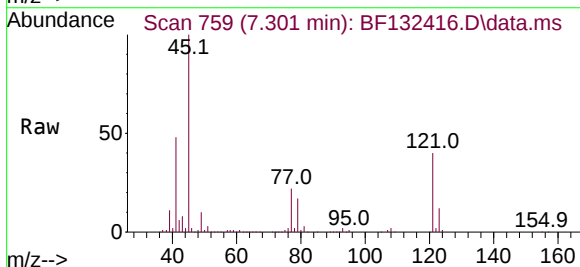
Manual Integrations
APPROVED

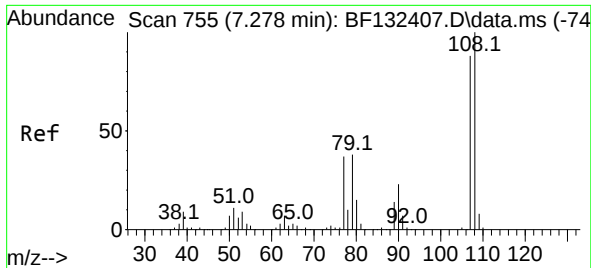
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.969 ng
RT: 7.301 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

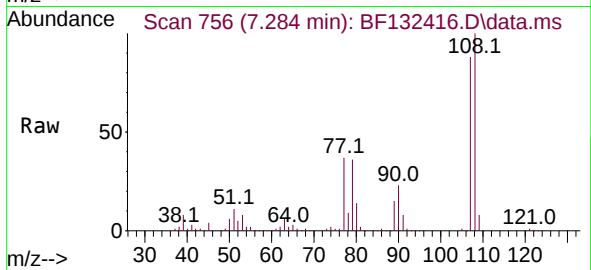
Tgt Ion: 45 Resp: 354921
Ion Ratio Lower Upper
45 100
77 21.6 1.3 41.3
79 16.7 0.0 35.9





#17
2-Methylphenol
Concen: 36.228 ng
RT: 7.284 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

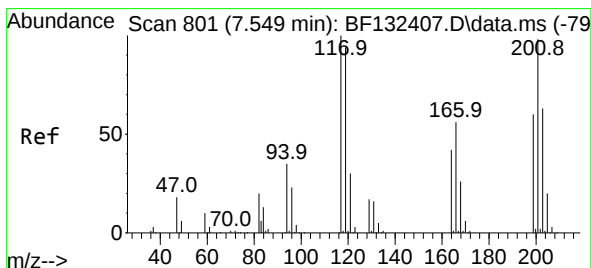
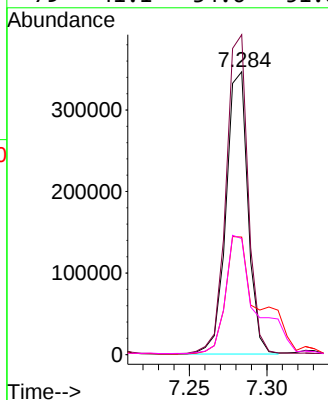
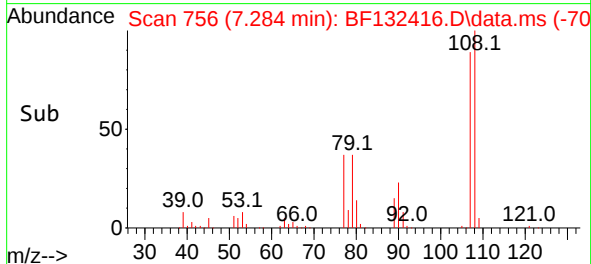
Instrument :
BNA_F
ClientSampleId :
PB150774BS



Tgt Ion:107 Resp: 342391
Ion Ratio Lower Upper
107 100
108 113.2 90.6 135.8
77 41.5 33.8 50.8
79 41.1 34.6 51.8

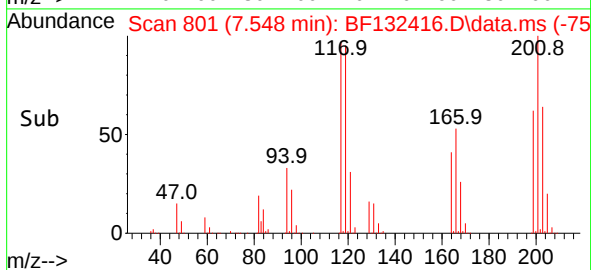
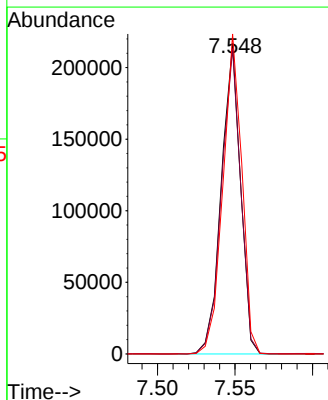
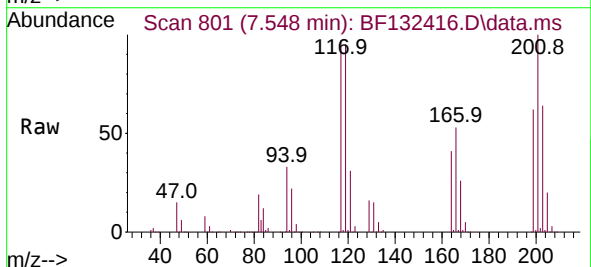
Manual Integrations
APPROVED

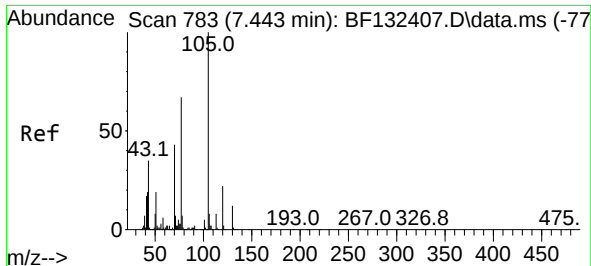
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#18
Hexachloroethane
Concen: 40.569 ng
RT: 7.548 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Tgt Ion:117 Resp: 185506
Ion Ratio Lower Upper
117 100
119 98.3 75.3 112.9
201 103.1 78.7 118.1





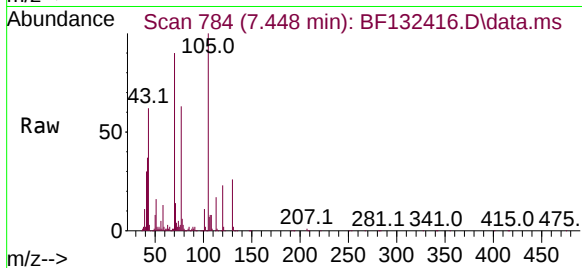
#19
n-Nitroso-di-n-propylamine
Concen: 37.718 ng
RT: 7.448 min Scan# 784
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Instrument :

BNA_F

ClientSampleId :

PB150774BS

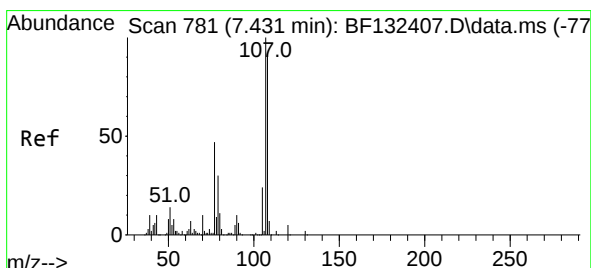
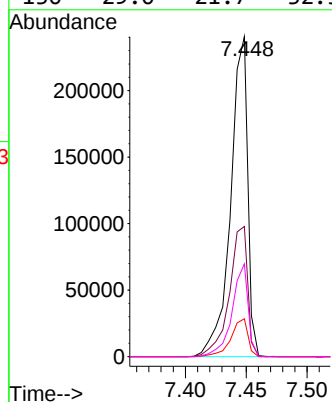
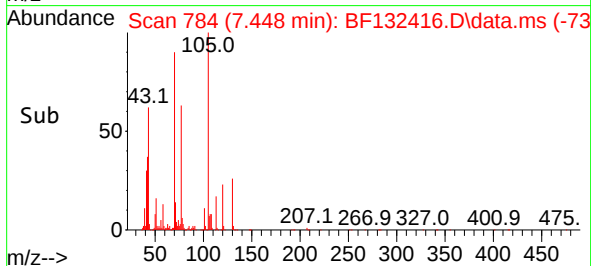


Tgt Ion: 70 Resp: 234778
Ion Ratio Lower Upper
70 100
42 40.7 36.0 54.0
101 11.8 9.4 14.2
130 29.0 21.7 32.5

Manual Integrations

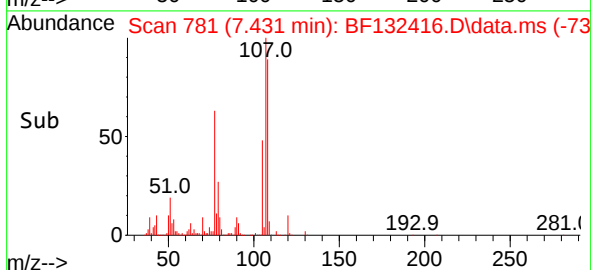
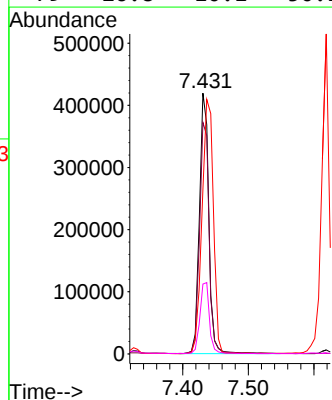
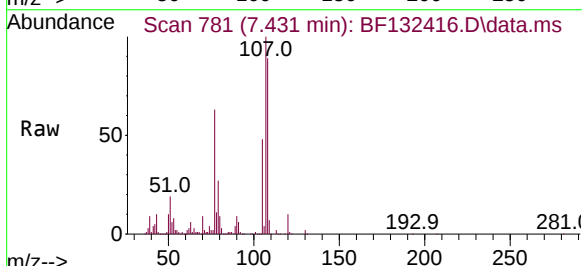
APPROVED

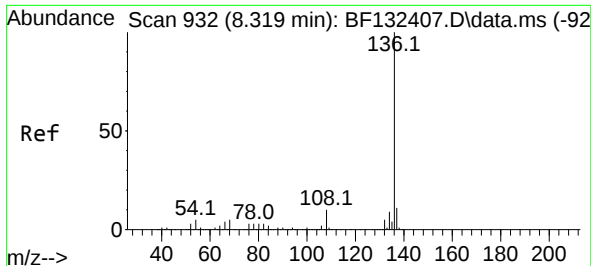
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#20
3+4-Methylphenols
Concen: 34.747 ng
RT: 7.431 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

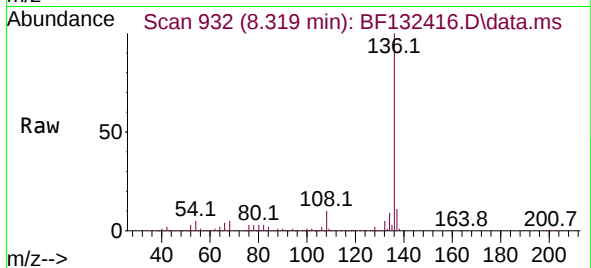
Tgt Ion:107 Resp: 412618
Ion Ratio Lower Upper
107 100
108 88.8 72.0 112.0
77 63.2 27.4 67.4
79 26.8 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 932
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

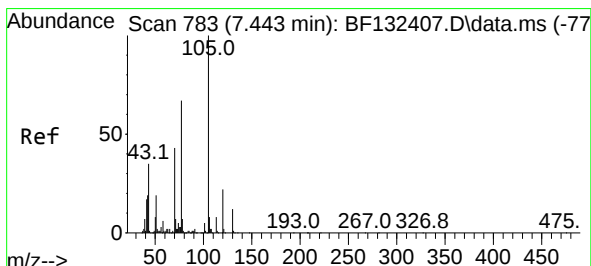
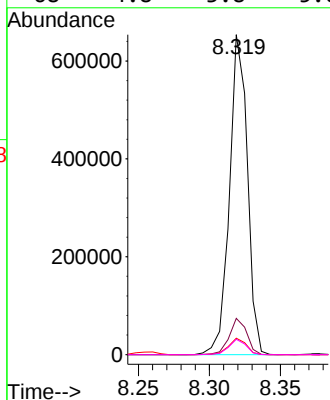
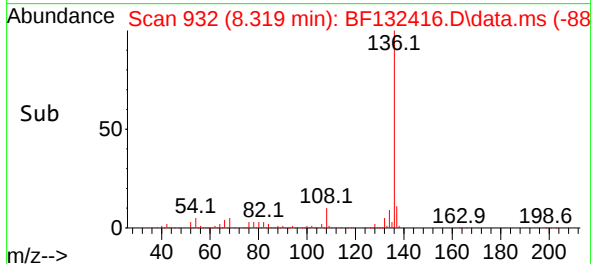
Instrument :
BNA_F
ClientSampleId :
PB150774BS



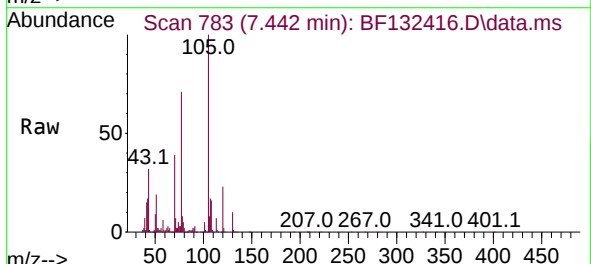
Tgt Ion:136 Resp: 573964
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 5.1 4.2 6.2
68 4.8 3.8 5.6

Manual Integrations
APPROVED

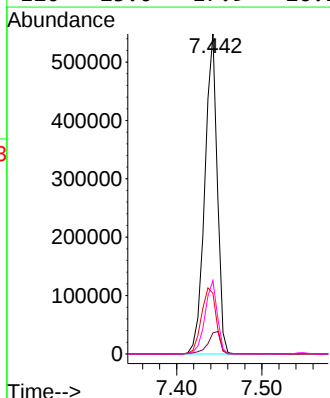
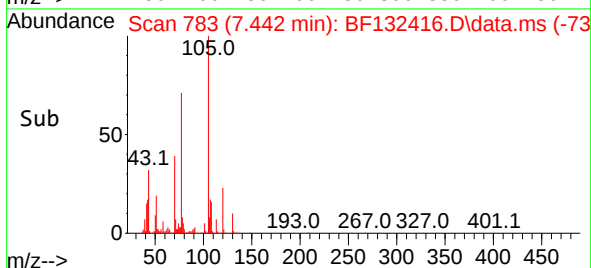
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

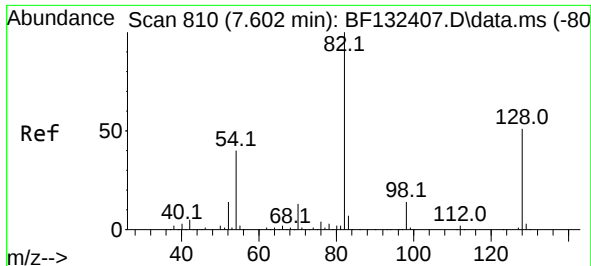


#22
Acetophenone
Concen: 41.479 ng
RT: 7.442 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34



Tgt Ion:105 Resp: 554991
Ion Ratio Lower Upper
105 100
71 6.6 5.4 8.2
51 18.9 14.9 22.3
120 23.0 17.9 26.9





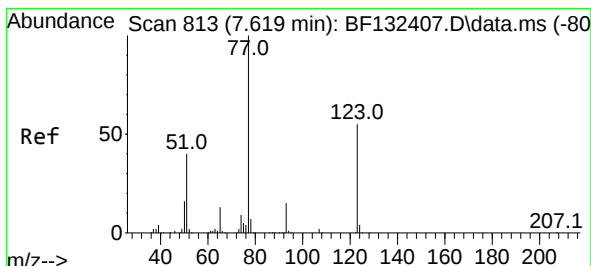
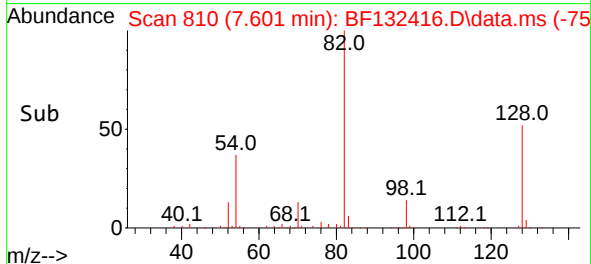
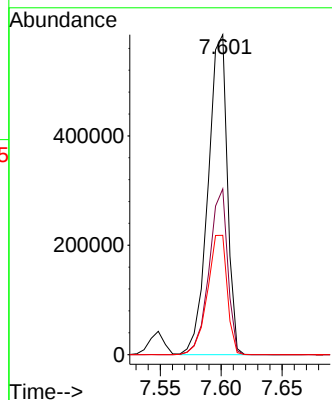
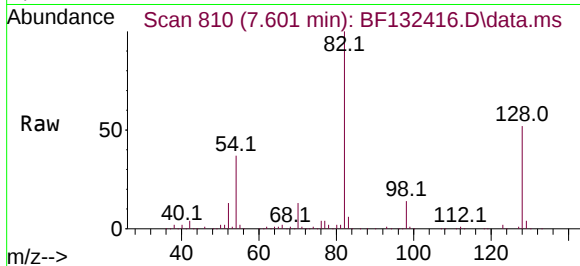
#23
Nitrobenzene-d5
Concen: 66.856 ng
RT: 7.601 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Instrument :
BNA_F
ClientSampleId :
PB150774BS

Tgt Ion: 82 Resp: 643240
Ion Ratio Lower Upper
82 100
128 51.8 40.7 61.1
54 37.3 32.3 48.5

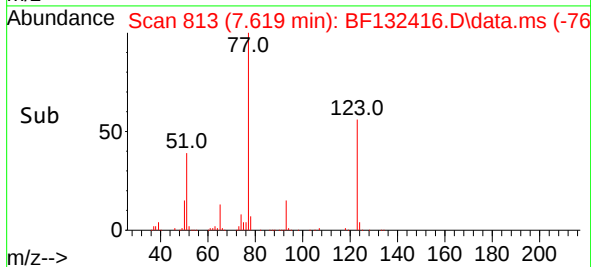
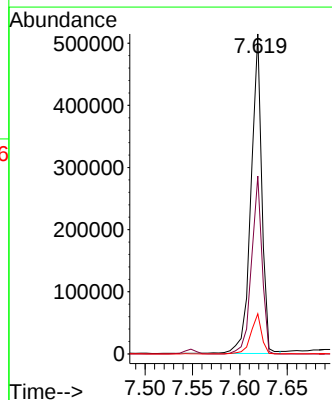
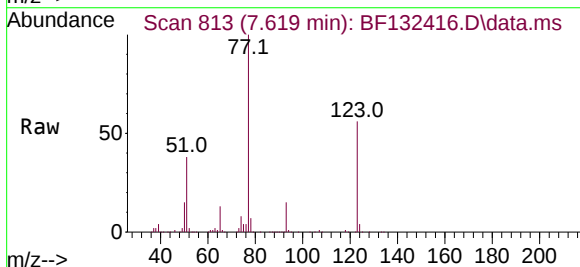
Manual Integrations
APPROVED

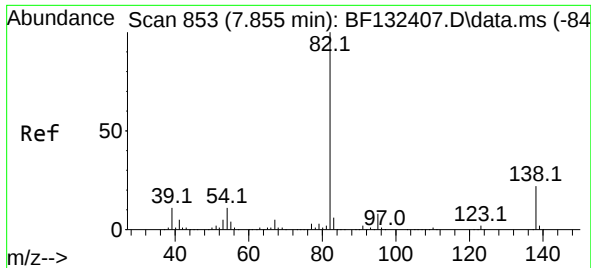
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#24
Nitrobenzene
Concen: 42.321 ng
RT: 7.619 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

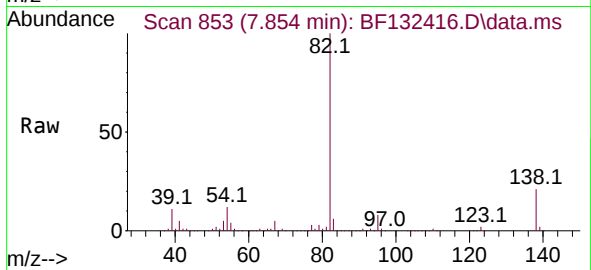
Tgt Ion: 77 Resp: 405232
Ion Ratio Lower Upper
77 100
123 55.6 43.6 65.4
65 12.5 10.3 15.5





#25
Isophorone
Concen: 43.631 ng
RT: 7.854 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

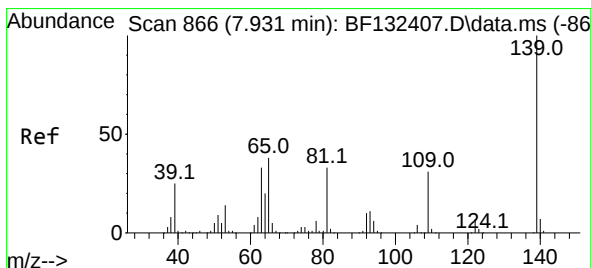
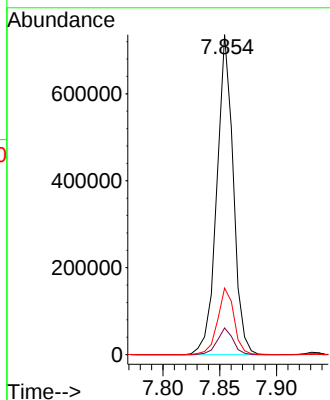
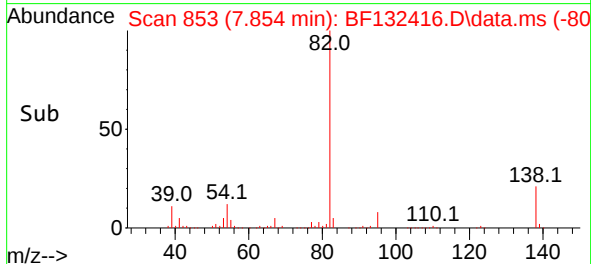
Instrument :
BNA_F
Client Sample Id :
PB150774BS



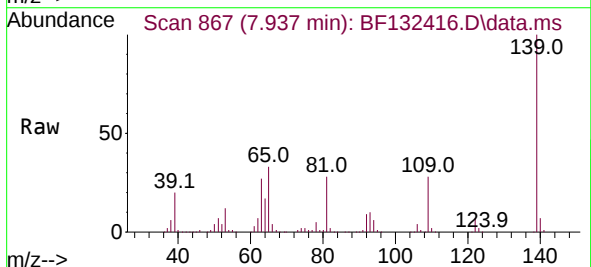
Tgt Ion: 82 Resp: 739572
Ion Ratio Lower Upper
82 100
95 8.3 6.6 9.8
138 20.8 17.2 25.8

Manual Integrations
APPROVED

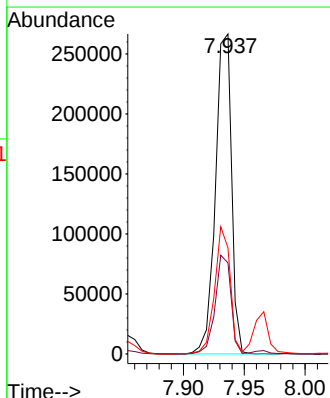
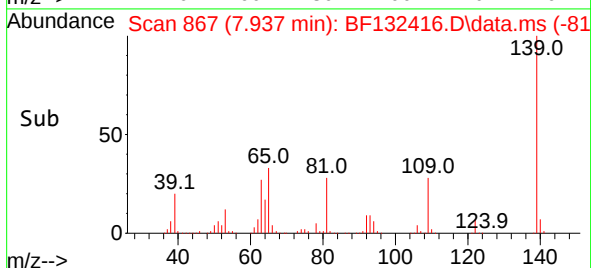
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

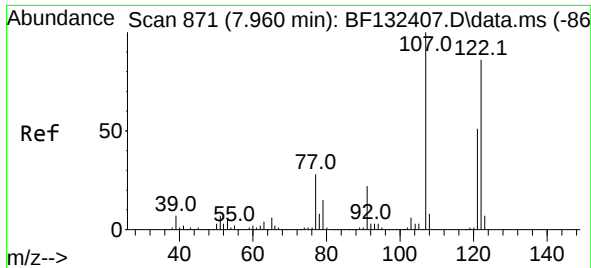


#26
2-Nitrophenol
Concen: 46.781 ng
RT: 7.937 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34



Tgt Ion:139 Resp: 245810
Ion Ratio Lower Upper
139 100
109 28.4 25.2 37.8
65 33.1 30.6 45.8





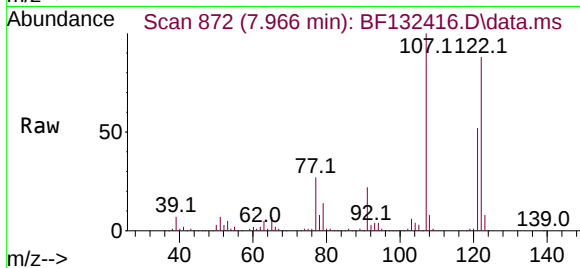
#27
2,4-Dimethylphenol
Concen: 45.968 ng
RT: 7.966 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Instrument :

BNA_F

ClientSampleId :

PB150774BS

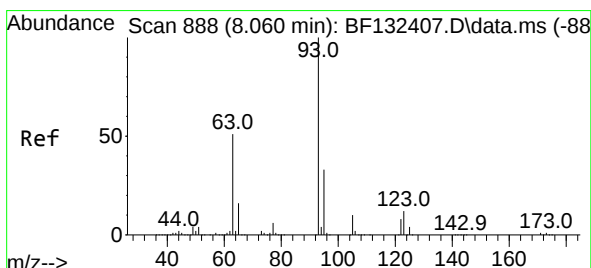
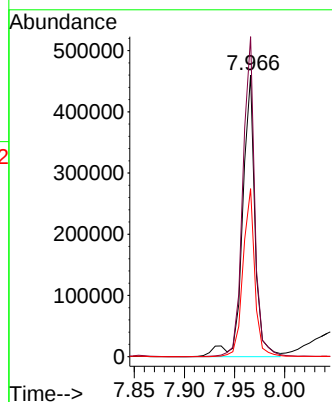
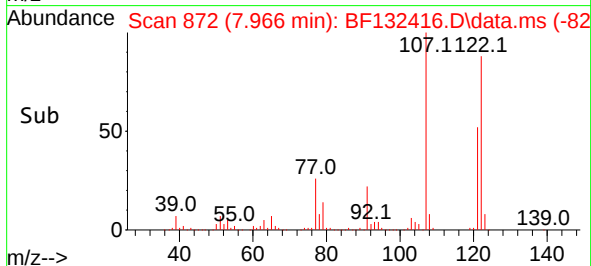


Tgt Ion:122 Resp: 393812
Ion Ratio Lower Upper
122 100
107 113.7 93.2 139.8
121 59.6 47.4 71.0

Manual Integrations

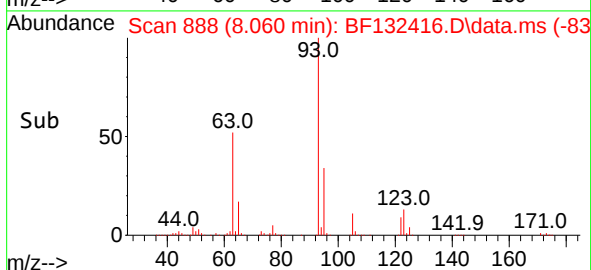
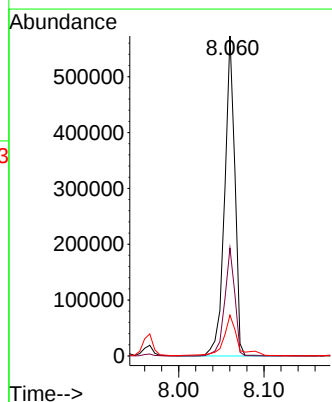
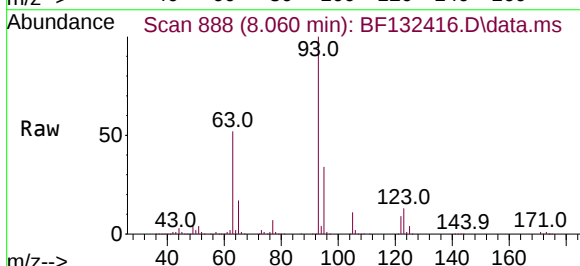
APPROVED

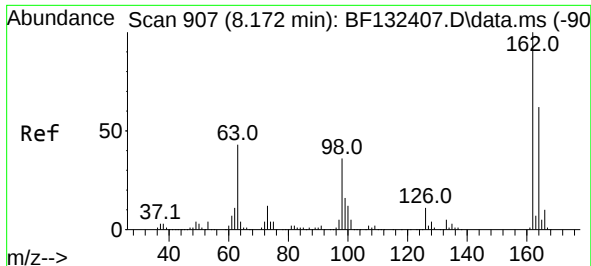
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.620 ng
RT: 8.060 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Tgt Ion: 93 Resp: 477885
Ion Ratio Lower Upper
93 100
95 33.7 26.2 39.2
123 12.8 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 43.495 ng

RT: 8.178 min Scan# 907

Delta R.T. 0.006 min

Lab File: BF132416.D

Acq: 13 Feb 2023 18:34

Instrument :

BNA_F

ClientSampleId :

PB150774BS

Tgt Ion:162 Resp: 368700

Ion Ratio Lower Upper

162 100

164 65.1 42.4 82.4

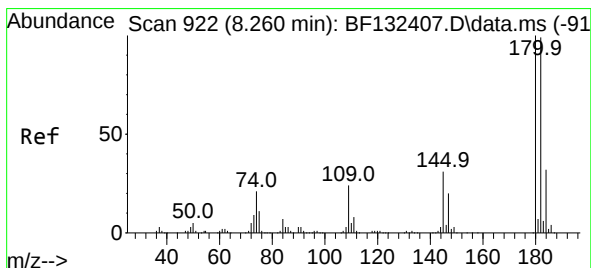
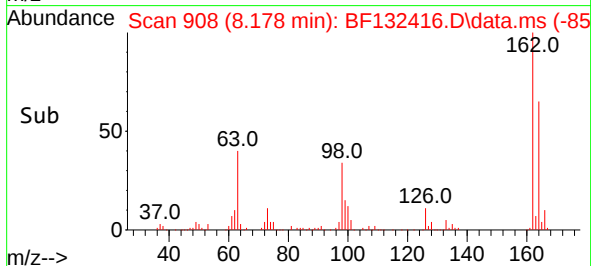
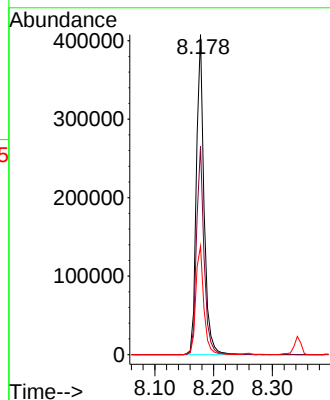
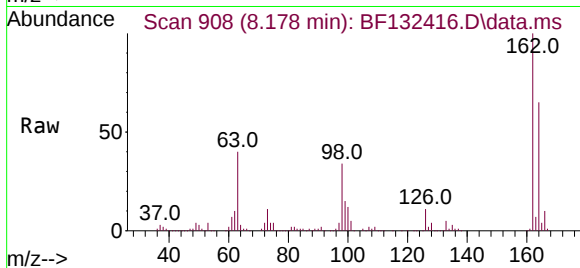
98 33.9 16.4 56.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.994 ng

RT: 8.260 min Scan# 922

Delta R.T. -0.000 min

Lab File: BF132416.D

Acq: 13 Feb 2023 18:34

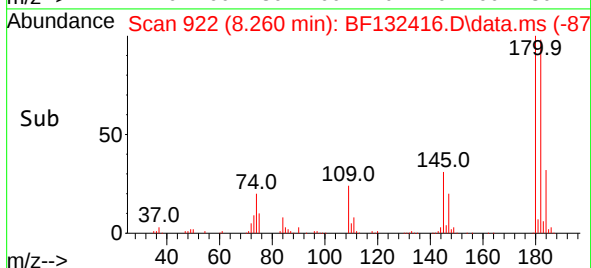
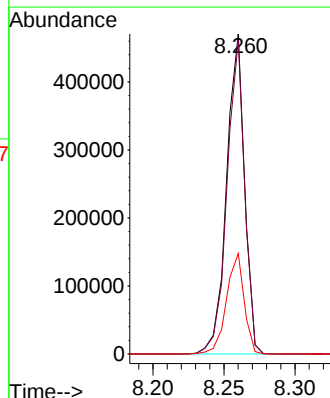
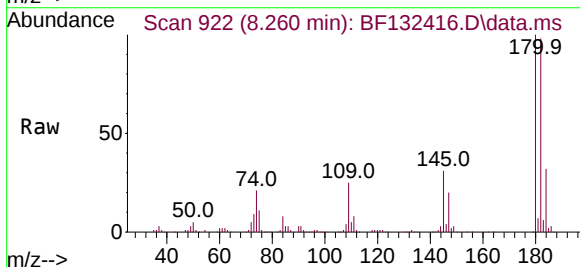
Tgt Ion:180 Resp: 413924

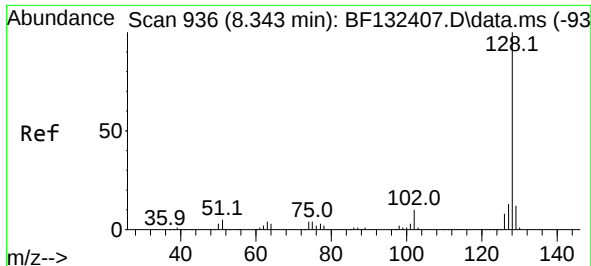
Ion Ratio Lower Upper

180 100

182 98.0 79.0 118.6

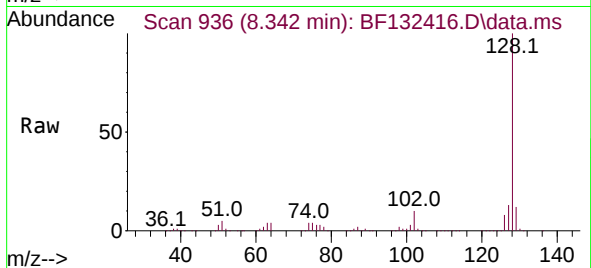
145 31.4 24.9 37.3





#31
Naphthalene
Concen: 40.565 ng
RT: 8.342 min Scan# 936
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

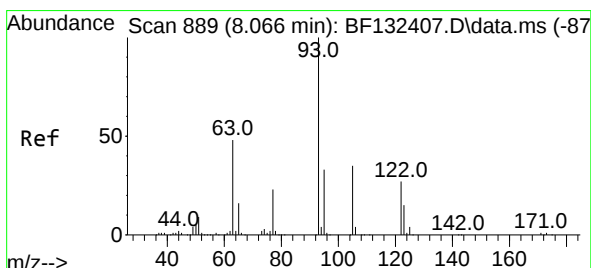
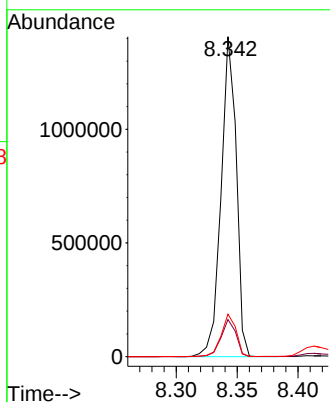
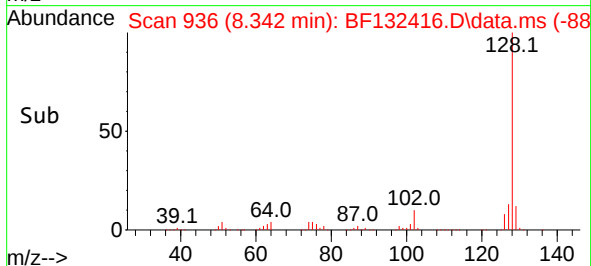
Instrument :
BNA_F
Client Sample Id :
PB150774BS



Tgt Ion:128 Resp: 1220381
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.3 10.5 15.7

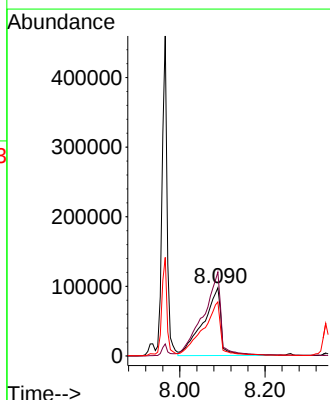
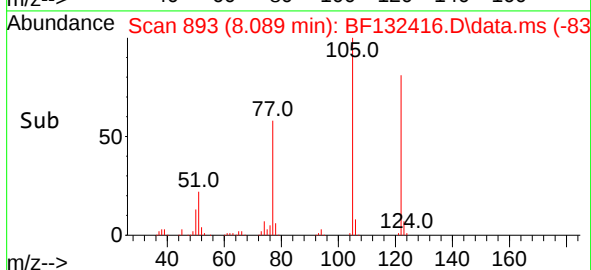
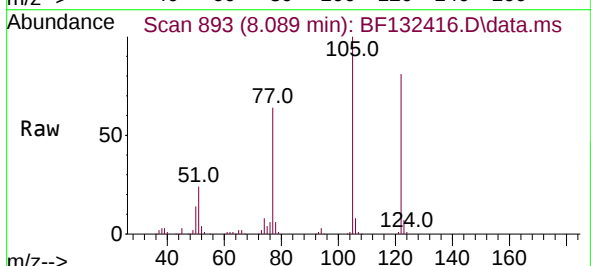
Manual Integrations
APPROVED

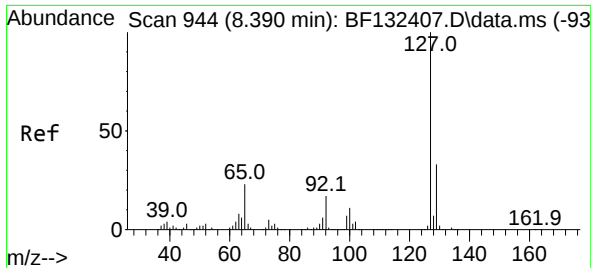
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#32
Benzoic acid
Concen: 64.463 ng
RT: 8.089 min Scan# 893
Delta R.T. 0.023 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Tgt Ion:122 Resp: 289824
Ion Ratio Lower Upper
122 100
105 123.2 101.9 141.9
77 79.2 61.1 101.1





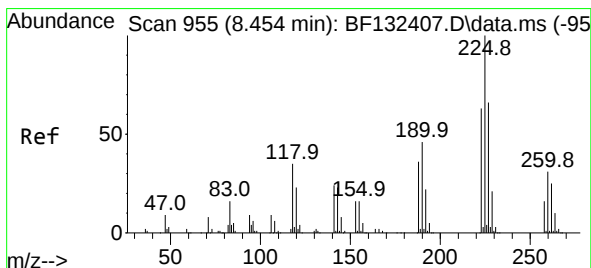
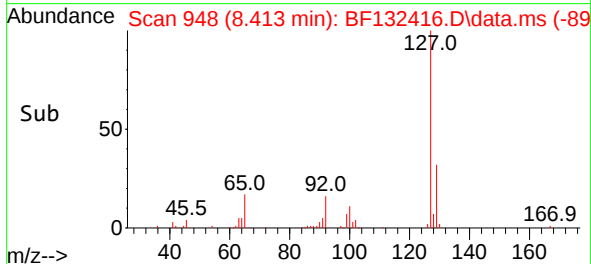
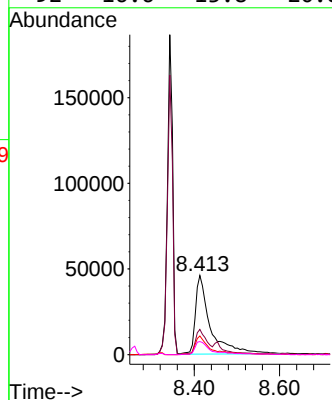
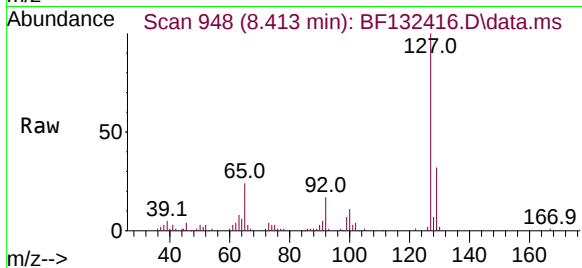
#33
4-Chloroaniline
Concen: 10.116 ng
RT: 8.413 min Scan# 944
Delta R.T. 0.023 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Instrument :
BNA_F
ClientSampleId :
PB150774BS

Tgt Ion:127 Resp: 111888
Ion Ratio Lower Upper
127 100
129 31.7 26.3 39.5
65 23.6 18.0 27.0
92 16.6 13.8 20.8

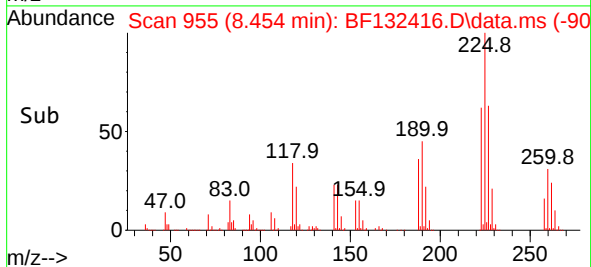
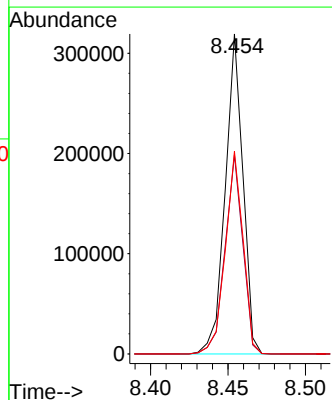
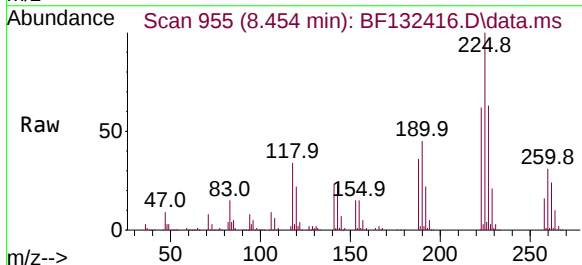
Manual Integrations
APPROVED

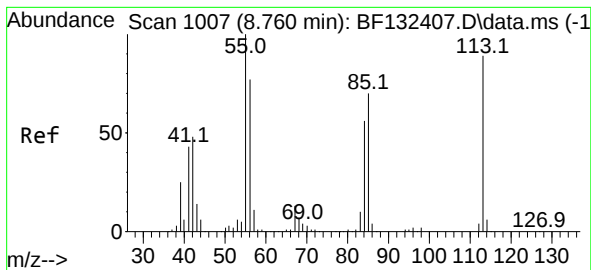
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#34
Hexachlorobutadiene
Concen: 41.179 ng
RT: 8.454 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Tgt Ion:225 Resp: 253088
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.4
227 63.3 53.0 79.4





#35

Caprolactam

Concen: 45.112 ng m

RT: 8.766 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BF132416.D

Acq: 13 Feb 2023 18:34

Instrument :

BNA_F

ClientSampleId :

PB150774BS

Tgt Ion:113 Resp: 11457

Ion Ratio Lower Upper

113 100

55 119.5 92.5 132.5

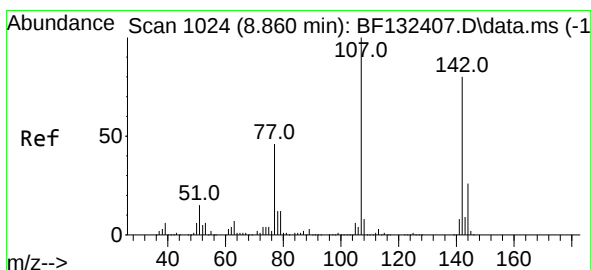
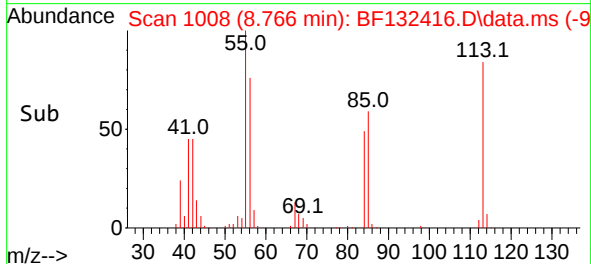
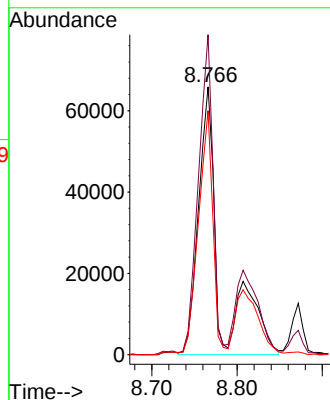
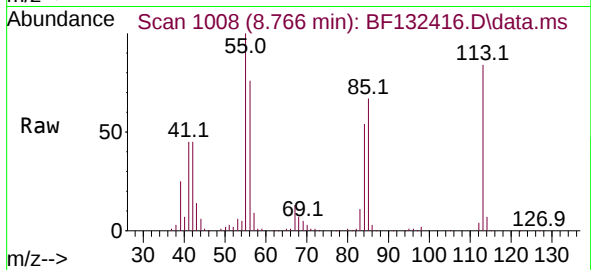
56 91.1 66.6 106.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#36

4-Chloro-3-methylphenol

Concen: 40.587 ng

RT: 8.872 min Scan# 1026

Delta R.T. 0.011 min

Lab File: BF132416.D

Acq: 13 Feb 2023 18:34

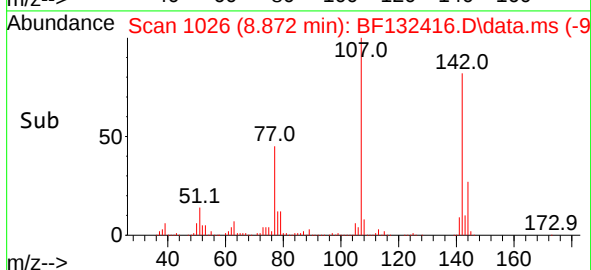
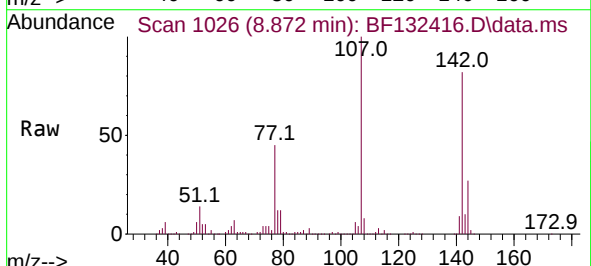
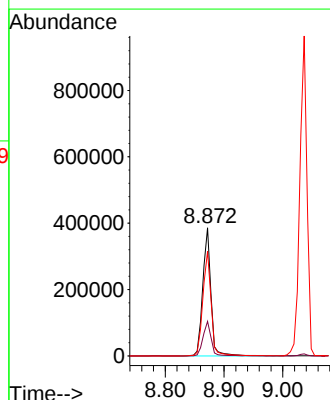
Tgt Ion:107 Resp: 370764

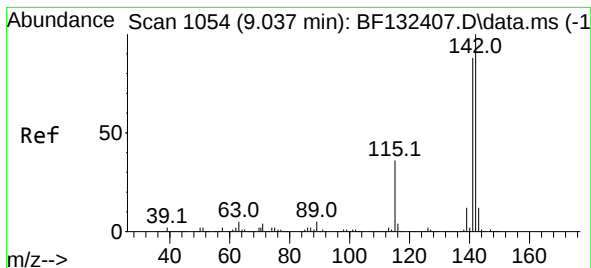
Ion Ratio Lower Upper

107 100

144 26.9 20.8 31.2

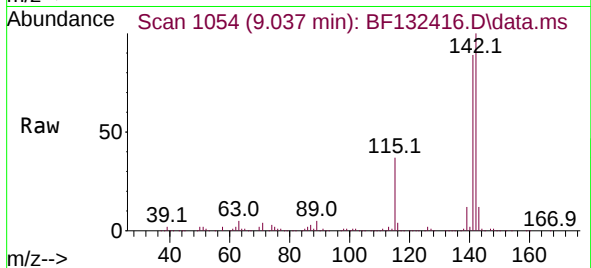
142 81.6 63.9 95.9





#37
2-Methylnaphthalene
Concen: 34.753 ng
RT: 9.037 min Scan# 1054
Delta R.T. -0.001 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

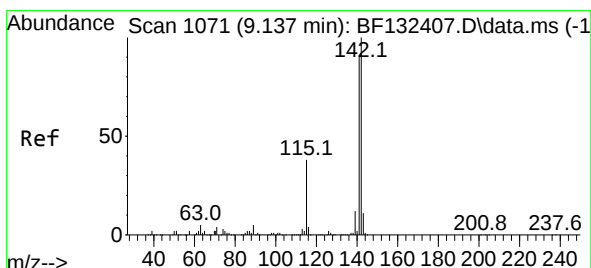
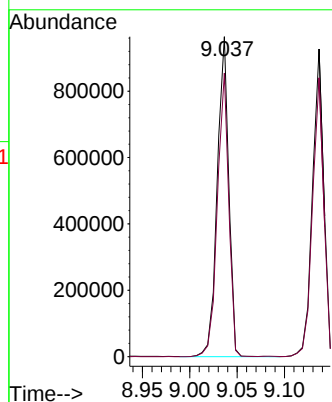
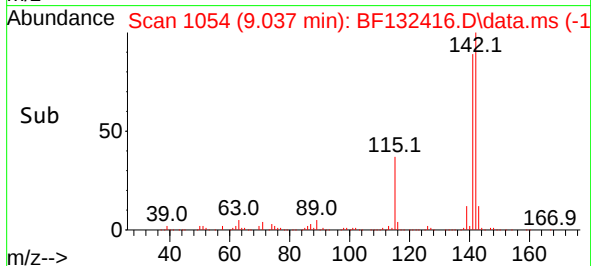
Instrument :
BNA_F
ClientSampleId :
PB150774BS



Tgt Ion:142 Resp: 815895
Ion Ratio Lower Upper
142 100
141 88.6 70.6 106.0

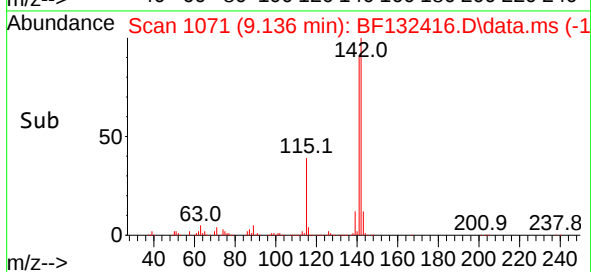
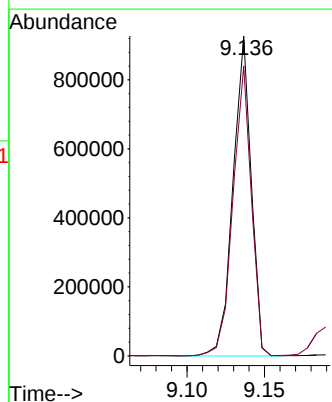
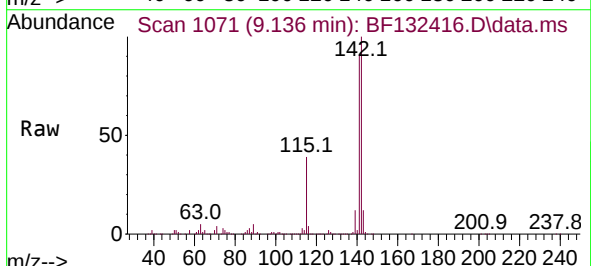
Manual Integrations
APPROVED

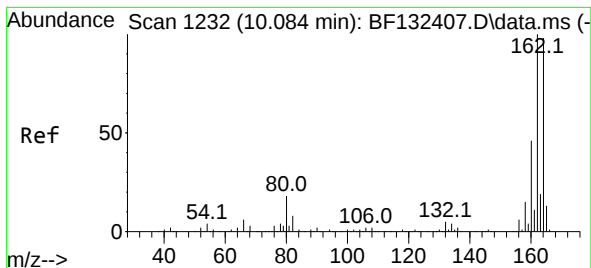
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#38
1-Methylnaphthalene
Concen: 34.217 ng
RT: 9.136 min Scan# 1071
Delta R.T. -0.001 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Tgt Ion:142 Resp: 758183
Ion Ratio Lower Upper
142 100
141 90.6 72.7 109.1





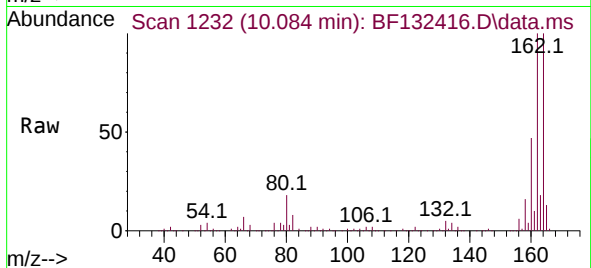
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.084 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Instrument :

BNA_F

ClientSampleId :

PB150774BS

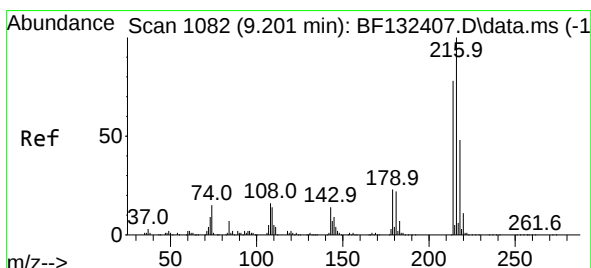
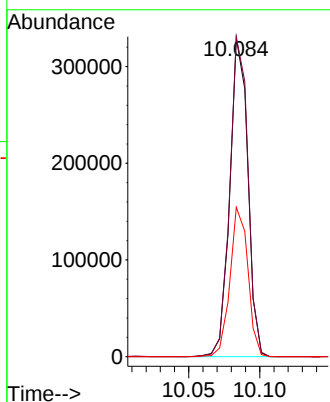
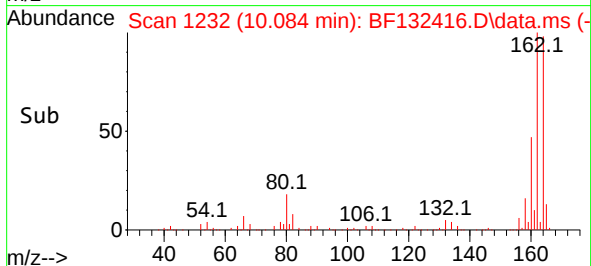


Tgt Ion:164 Resp: 289223
Ion Ratio Lower Upper
164 100
162 100.4 81.8 122.6
160 46.9 37.4 56.0

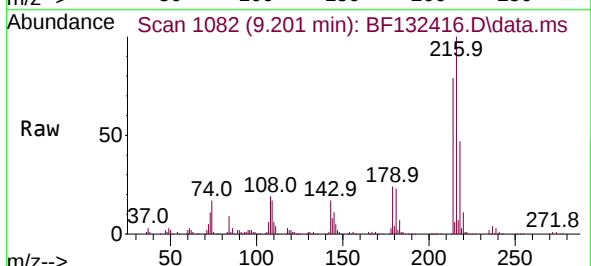
Manual Integrations

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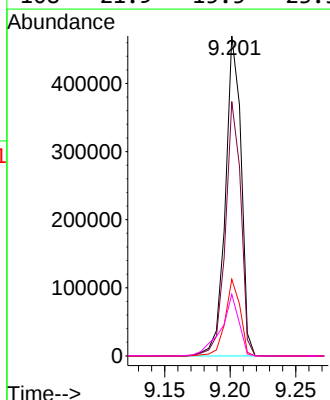
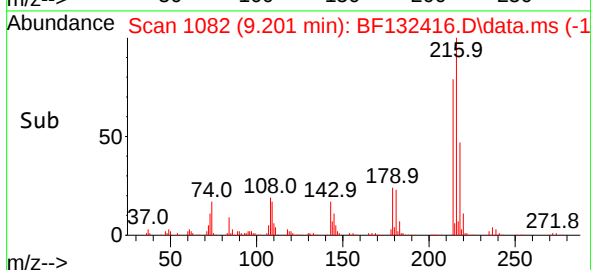
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

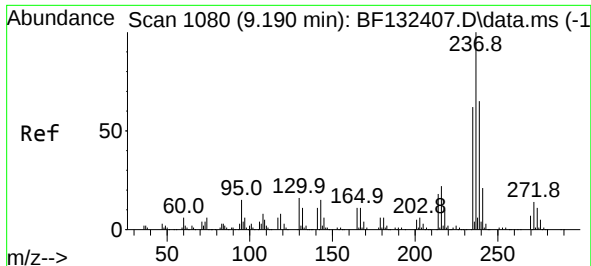


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.899 ng
RT: 9.201 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34



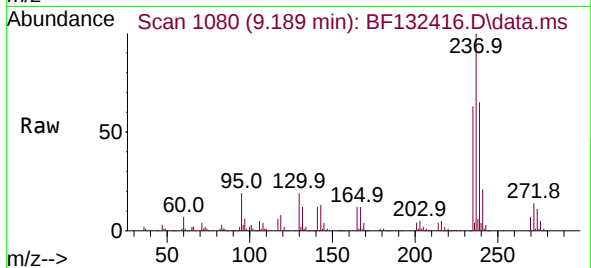
Tgt Ion:216 Resp: 391435
Ion Ratio Lower Upper
216 100
214 77.8 63.0 94.4
179 22.8 18.1 27.1
108 21.9 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 104.990 ng
RT: 9.189 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

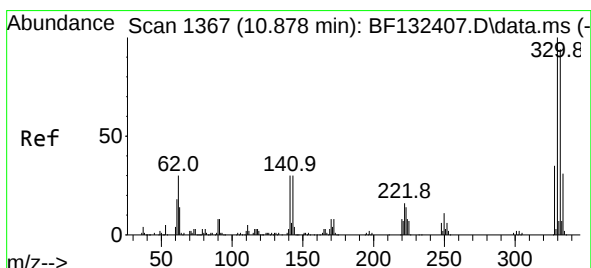
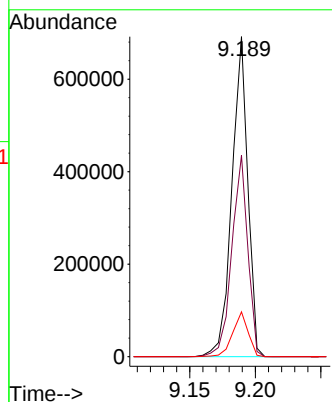
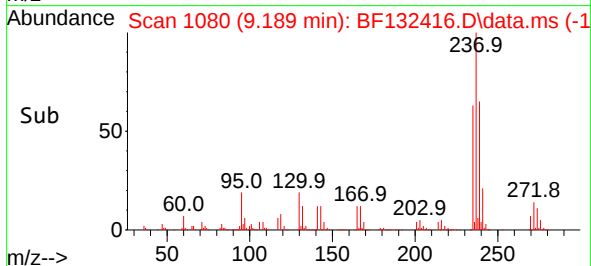
Instrument :
BNA_F
ClientSampleId :
PB150774BS



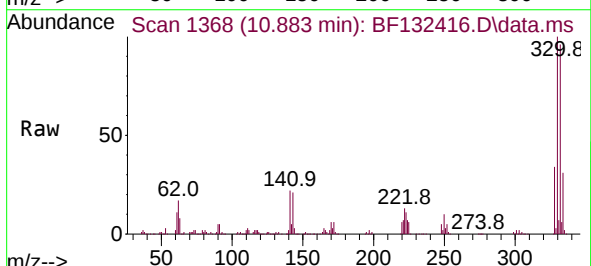
Tgt Ion: 237 Resp: 58325
Ion Ratio Lower Upper
237 100
235 62.9 42.4 82.4
272 14.0 0.0 33.8

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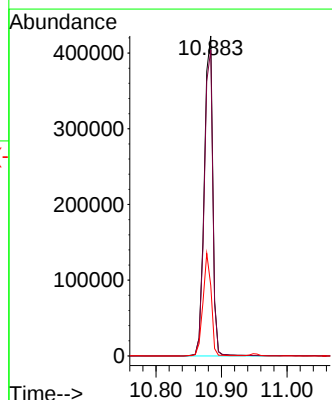
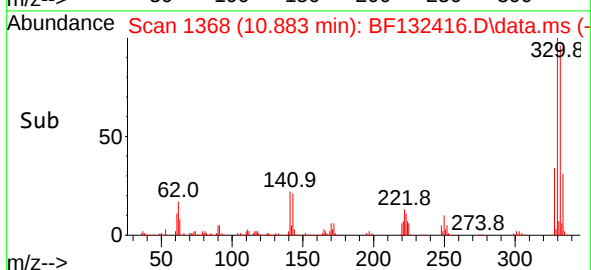
Reviewed By : Christian Giraldo 02/14/2023
Supervised By : Jagrut Upadhyay 02/14/2023

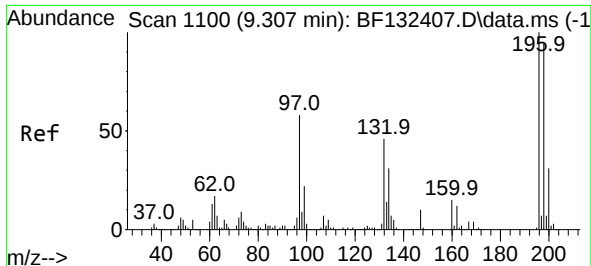


#42
2,4,6-Tribromophenol
Concen: 97.623 ng
RT: 10.883 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34



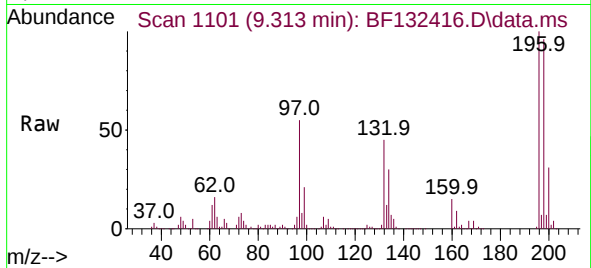
Tgt Ion: 330 Resp: 375734
Ion Ratio Lower Upper
330 100
332 96.1 76.7 115.1
141 31.0 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 43.229 ng
RT: 9.313 min Scan# 1101
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

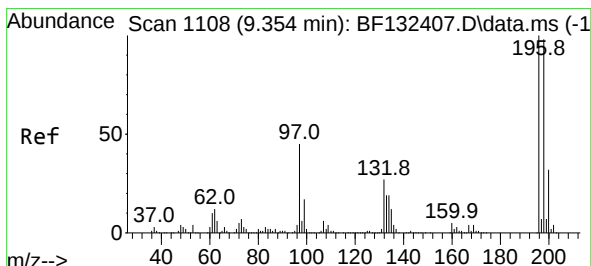
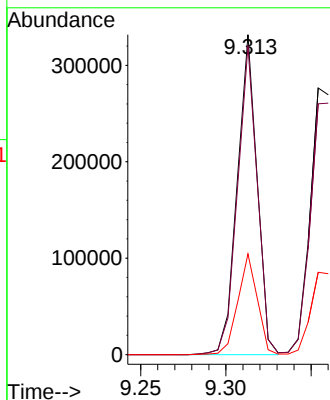
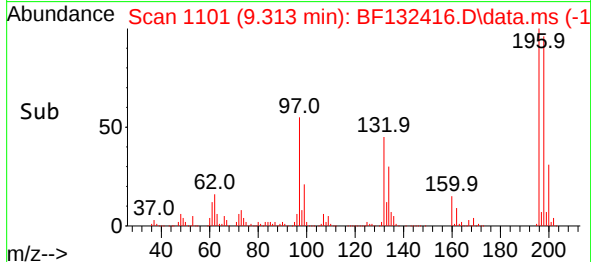
Instrument :
BNA_F
ClientSampleId :
PB150774BS



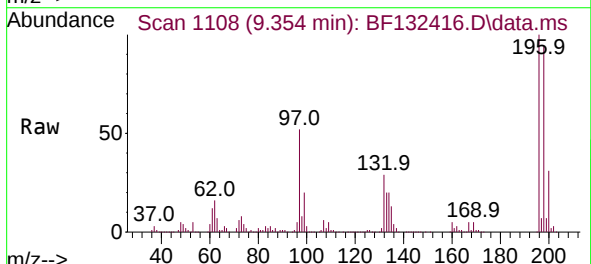
Tgt Ion:196 Resp: 267861
Ion Ratio Lower Upper
196 100
198 96.5 75.1 112.7
200 31.5 24.6 37.0

Manual Integrations
APPROVED

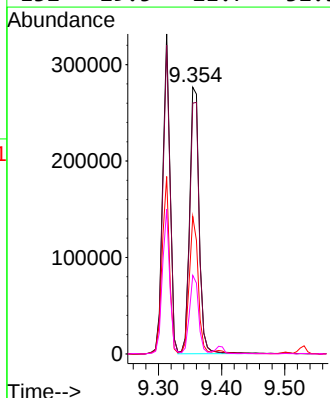
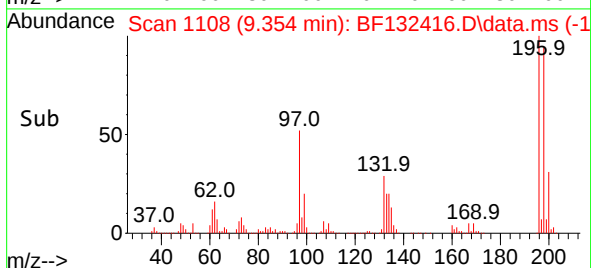
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

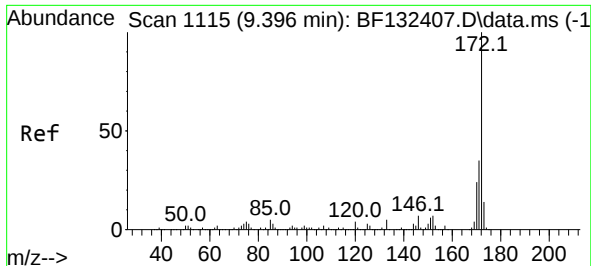


#44
2,4,5-Trichlorophenol
Concen: 40.786 ng
RT: 9.354 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34



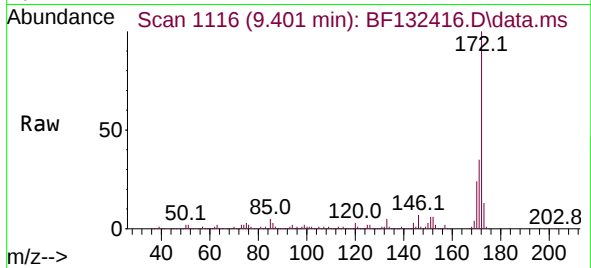
Tgt Ion:196 Resp: 289465
Ion Ratio Lower Upper
196 100
198 94.1 78.0 117.0
97 51.5 35.6 53.4
132 29.5 21.7 32.5





#45
2-Fluorobiphenyl
Concen: 64.761 ng
RT: 9.401 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

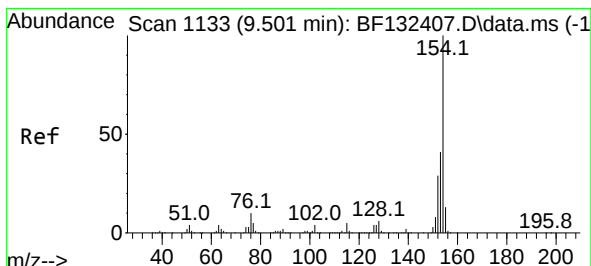
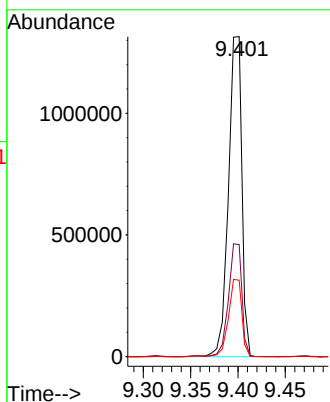
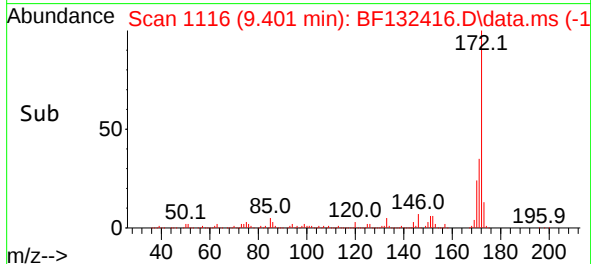
Instrument :
BNA_F
ClientSampleId :
PB150774BS



Tgt Ion:172 Resp: 1293813
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.9 19.3 28.9

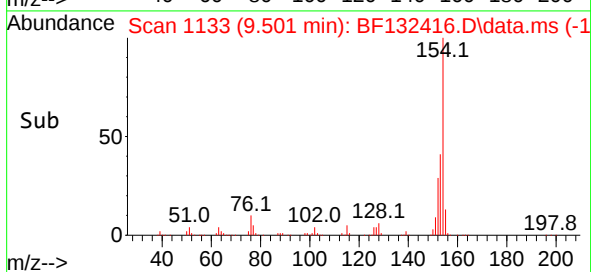
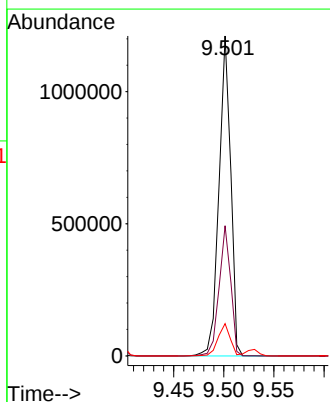
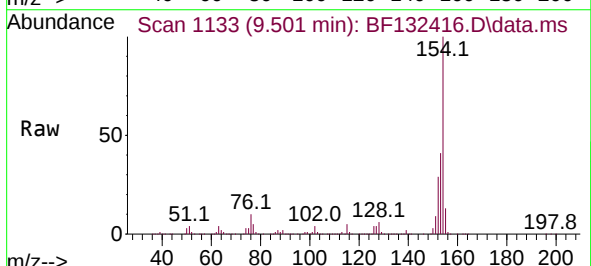
Manual Integrations
APPROVED

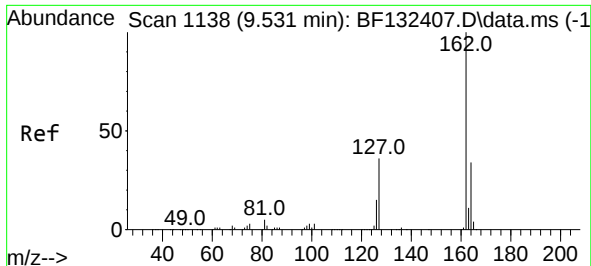
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#46
1,1'-Biphenyl
Concen: 41.631 ng
RT: 9.501 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Tgt Ion:154 Resp: 982062
Ion Ratio Lower Upper
154 100
153 40.7 20.6 60.6
76 10.1 0.0 29.8





#47

2-Chloronaphthalene

Concen: 42.626 ng

RT: 9.531 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF132416.D

Acq: 13 Feb 2023 18:34

Instrument :

BNA_F

ClientSampleId :

PB150774BS

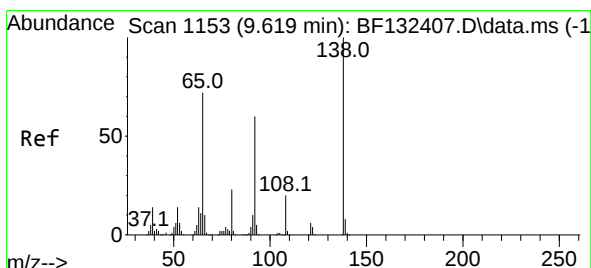
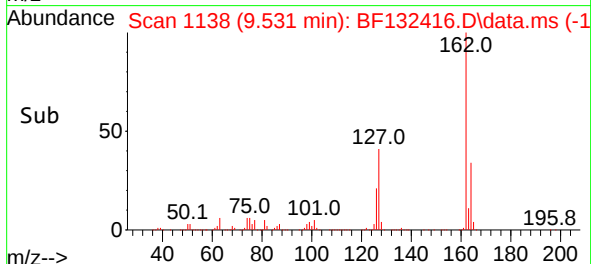
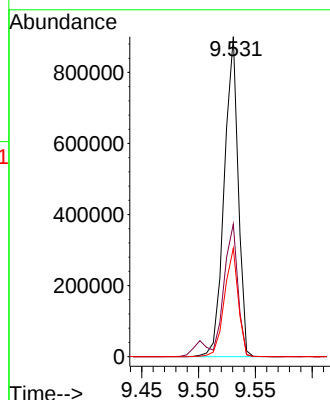
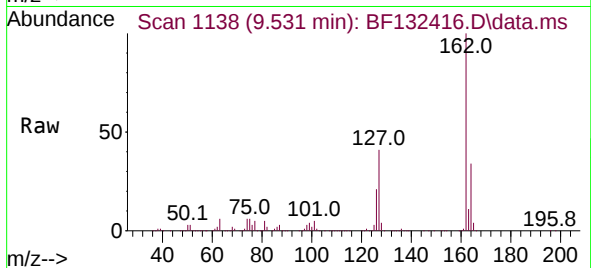
Tgt Ion:162 Resp: 769259

Ion	Ratio	Lower	Upper
162	100		
127	41.4	31.6	47.4
164	33.9	26.8	40.2

Manual Integrations

APPROVED

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



#48

2-Nitroaniline

Concen: 42.047 ng

RT: 9.625 min Scan# 1154

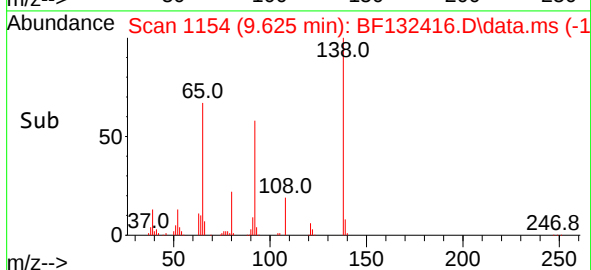
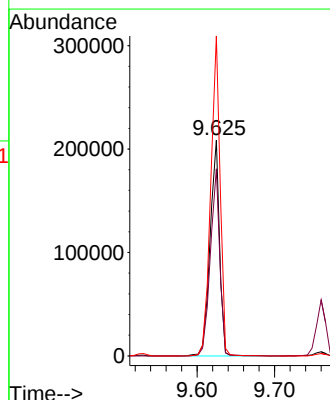
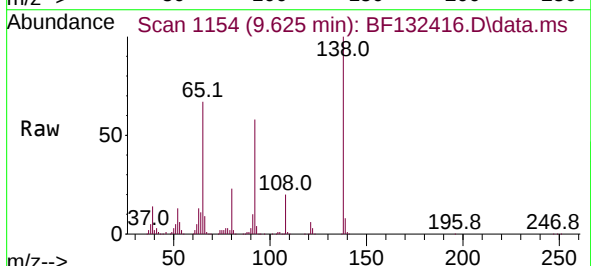
Delta R.T. 0.006 min

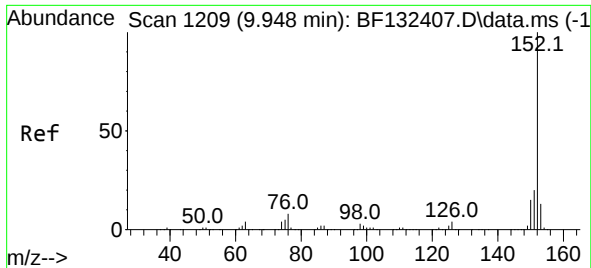
Lab File: BF132416.D

Acq: 13 Feb 2023 18:34

Tgt Ion: 65 Resp: 177076

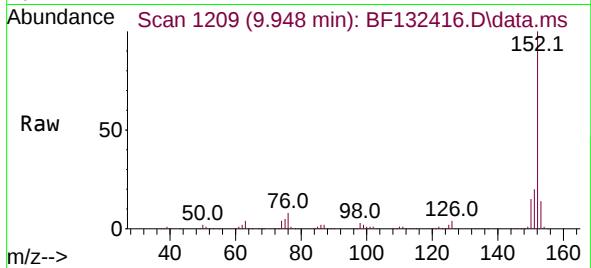
Ion	Ratio	Lower	Upper
65	100		
92	86.7	67.2	100.8
138	148.4	111.2	166.8





#49
Acenaphthylene
Concen: 41.422 ng
RT: 9.948 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

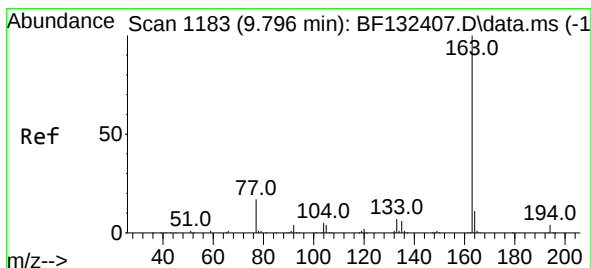
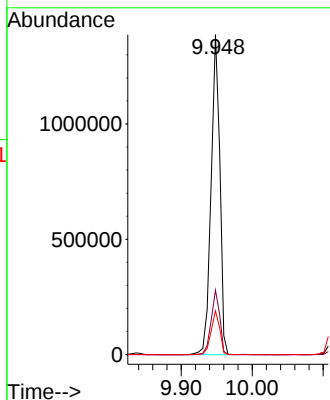
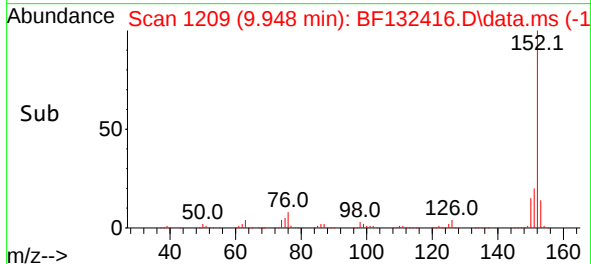
Instrument :
BNA_F
ClientSampleId :
PB150774BS



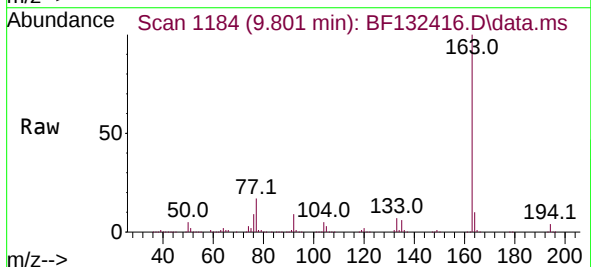
Tgt Ion:152 Resp: 118844
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.7 10.8 16.2

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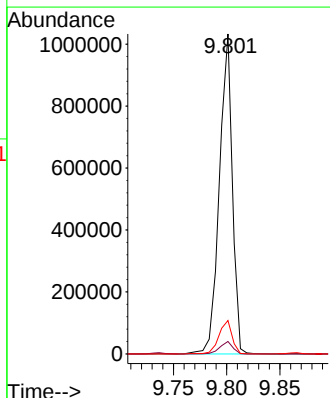
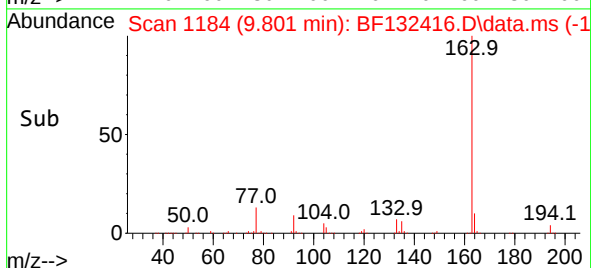
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

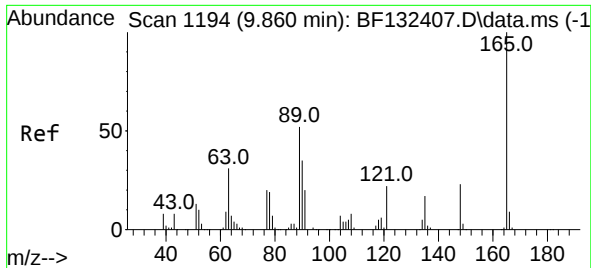


#50
Dimethylphthalate
Concen: 40.331 ng
RT: 9.801 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34



Tgt Ion:163 Resp: 878554
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.4 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 41.753 ng
RT: 9.866 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Instrument :

BNA_F

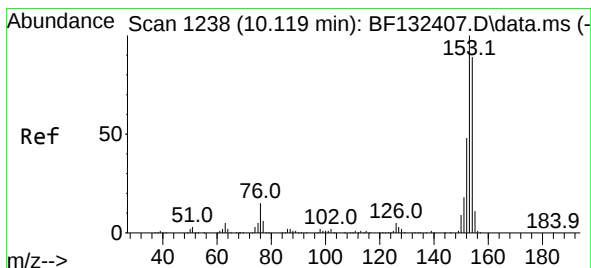
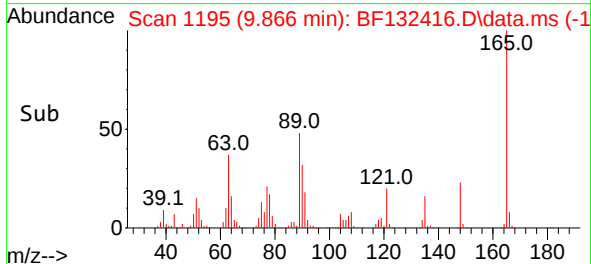
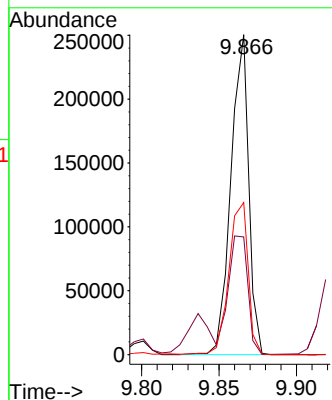
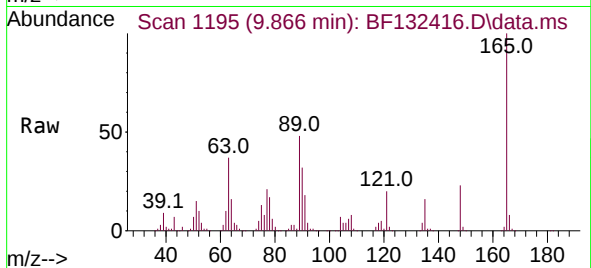
ClientSampleId :

PB150774BS

Tgt Ion:165 Resp: 199536
Ion Ratio Lower Upper
165 100
63 36.8 34.0 51.0
89 47.6 41.8 62.6

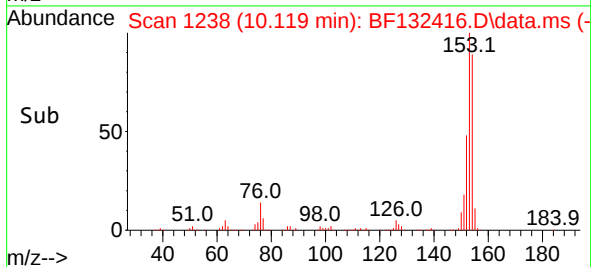
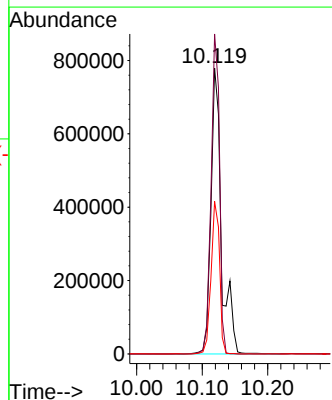
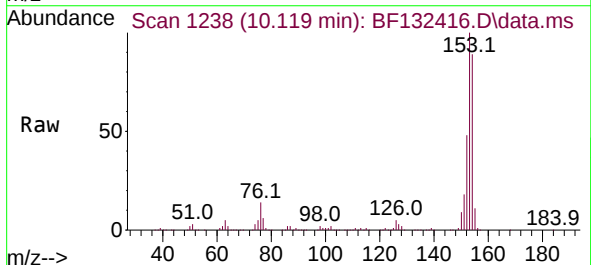
Manual Integrations
APPROVED

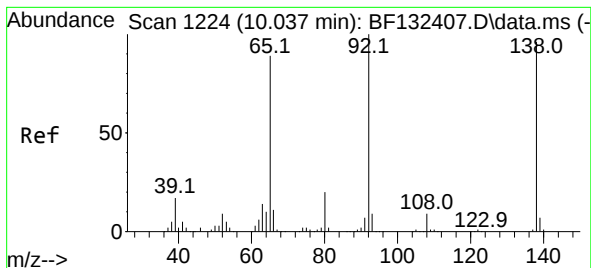
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#52
Acenaphthene
Concen: 46.612 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

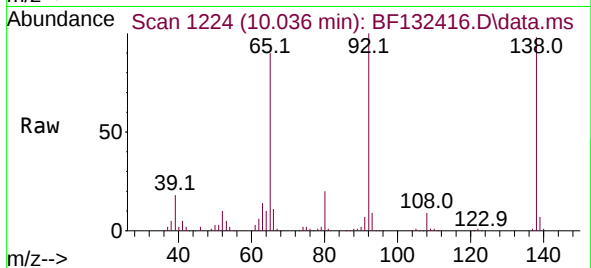
Tgt Ion:154 Resp: 861759
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.6
152 53.3 42.7 64.1





#53
3-Nitroaniline
Concen: 26.912 ng
RT: 10.036 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

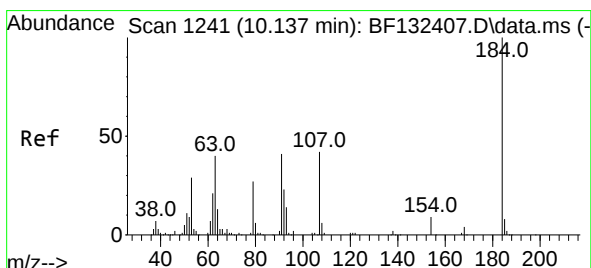
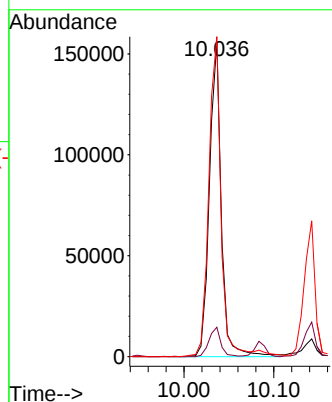
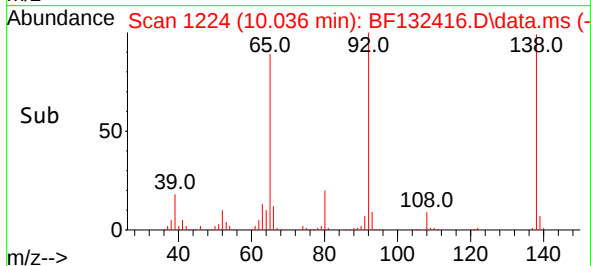
Instrument :
BNA_F
ClientSampleId :
PB150774BS



Tgt Ion:138 Resp: 143052
Ion Ratio Lower Upper
138 100
108 9.3 7.4 11.2
92 101.6 83.7 125.5

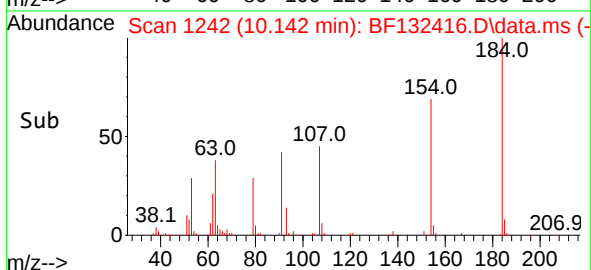
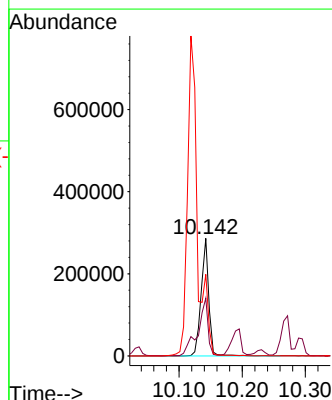
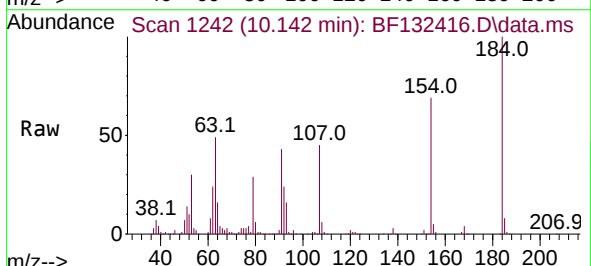
Manual Integrations
APPROVED

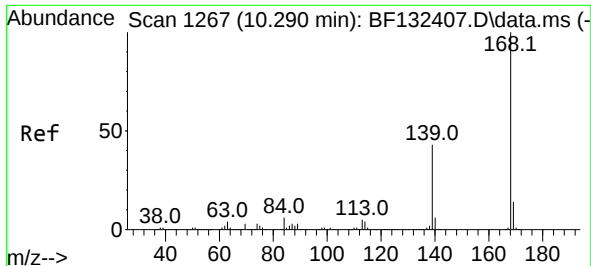
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#54
2,4-Dinitrophenol
Concen: 91.130 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.005 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

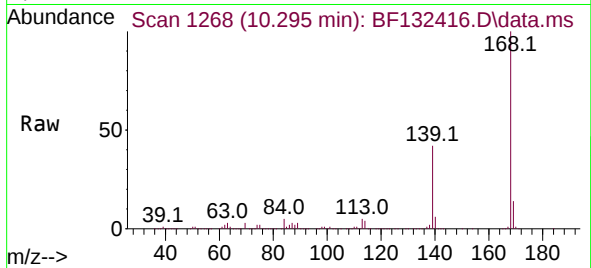
Tgt Ion:184 Resp: 242151
Ion Ratio Lower Upper
184 100
63 49.1 36.2 54.2
154 69.4 51.4 77.0





#55
Dibenzofuran
Concen: 40.305 ng
RT: 10.295 min Scan# 1251
Delta R.T. 0.005 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

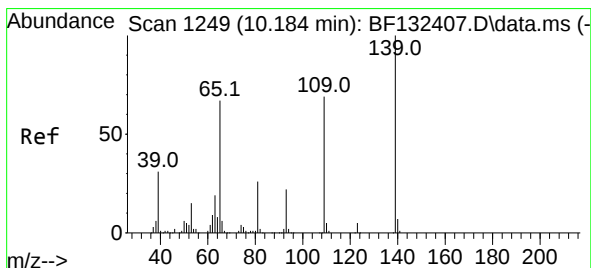
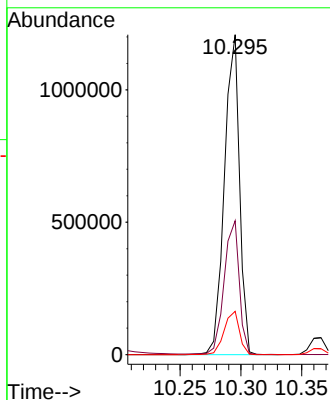
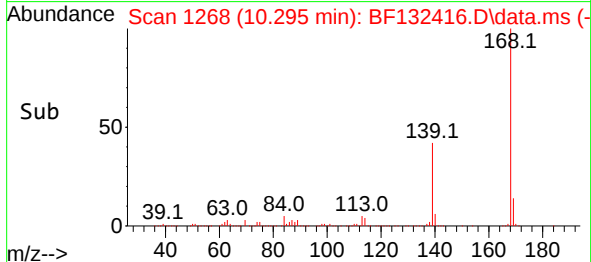
Instrument :
BNA_F
ClientSampleId :
PB150774BS



Tgt Ion:168 Resp: 1037915
Ion Ratio Lower Upper
168 100
139 41.8 34.6 52.0
169 13.5 11.2 16.8

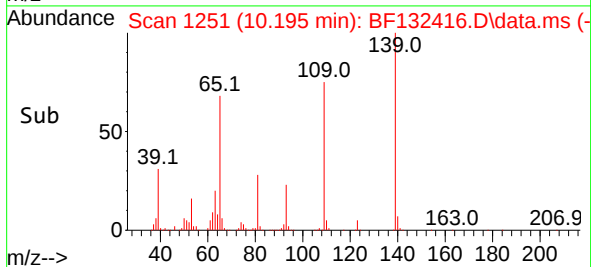
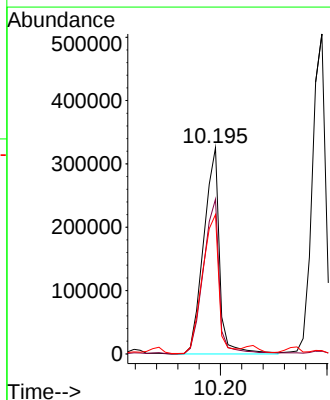
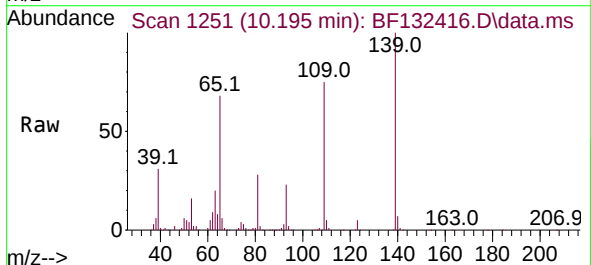
Manual Integrations
APPROVED

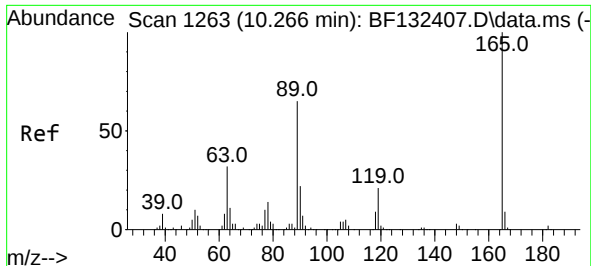
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#56
4-Nitrophenol
Concen: 84.814 ng
RT: 10.195 min Scan# 1251
Delta R.T. 0.011 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Tgt Ion:139 Resp: 336057
Ion Ratio Lower Upper
139 100
109 75.0 49.4 89.4
65 67.6 47.6 87.6





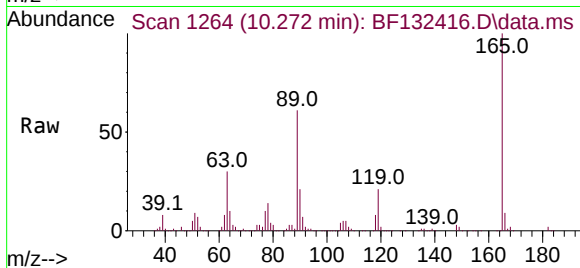
#57
2,4-Dinitrotoluene
Concen: 42.625 ng
RT: 10.272 min Scan# 1264
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Instrument :

BNA_F

ClientSampleId :

PB150774BS

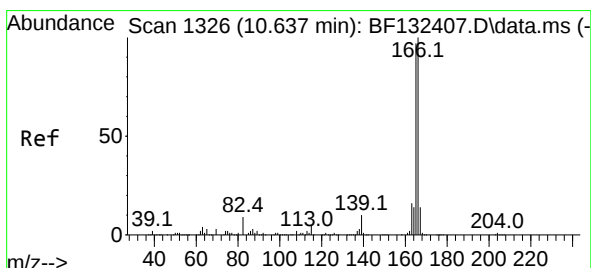
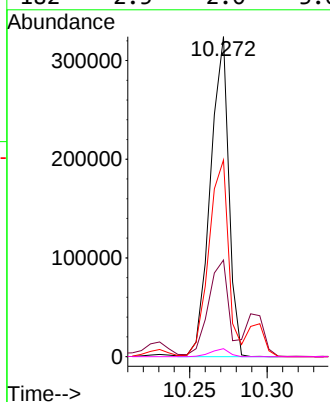
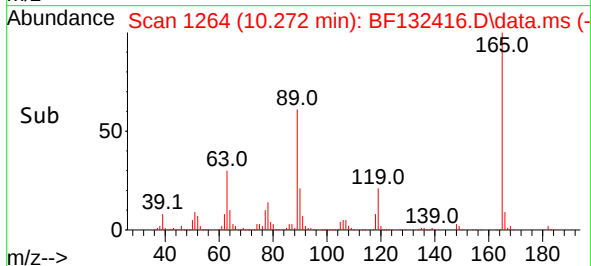


Tgt Ion:165 Resp: 267617
Ion Ratio Lower Upper
165 100
63 30.2 25.4 38.2
89 61.4 52.2 78.2
182 2.5 2.0 3.0

Manual Integrations

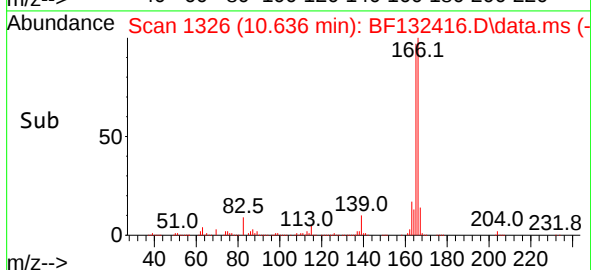
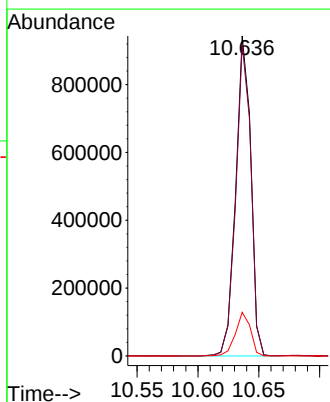
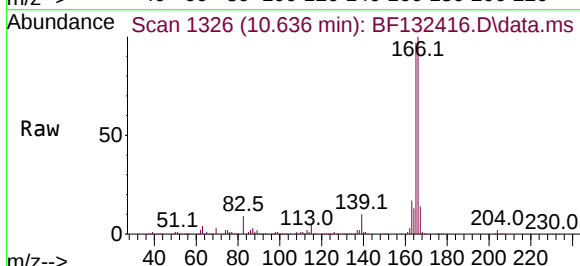
APPROVED

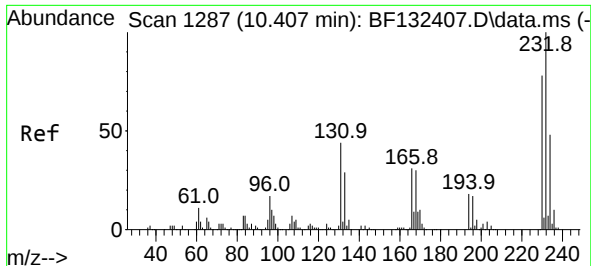
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#58
Fluorene
Concen: 40.697 ng
RT: 10.636 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Tgt Ion:166 Resp: 814826
Ion Ratio Lower Upper
166 100
165 97.4 77.5 116.3
167 13.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.897 ng

RT: 10.407 min Scan# 1287

Delta R.T. -0.000 min

Lab File: BF132416.D

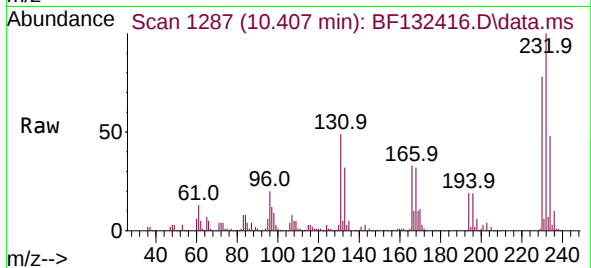
Acq: 13 Feb 2023 18:34

Instrument :

BNA_F

ClientSampleId :

PB150774BS



Tgt Ion:232 Resp: 233678

Ion Ratio Lower Upper

232 100

131 48.0 37.9 56.9

130 2.4 1.9 2.9

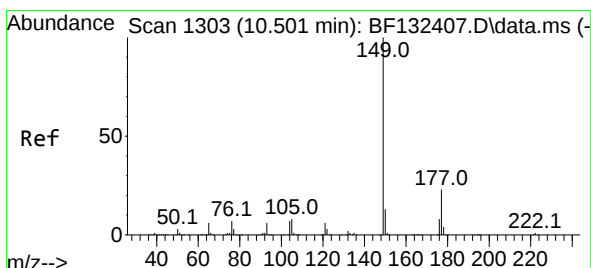
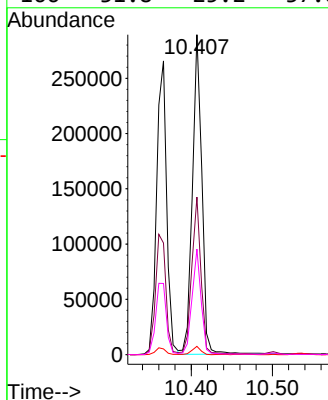
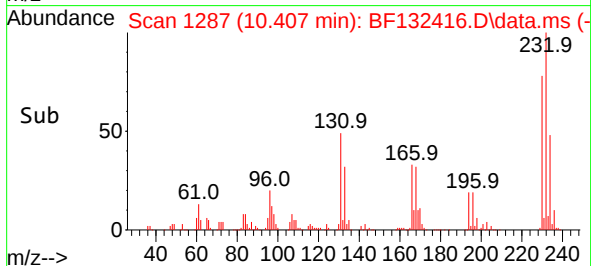
166 31.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#60

Diethylphthalate

Concen: 40.031 ng

RT: 10.501 min Scan# 1303

Delta R.T. -0.000 min

Lab File: BF132416.D

Acq: 13 Feb 2023 18:34

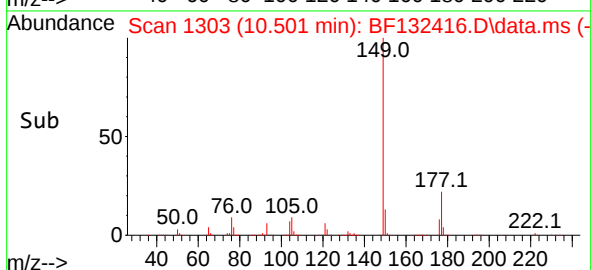
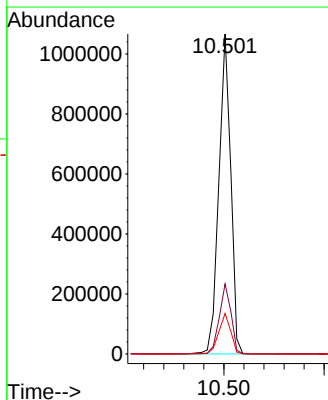
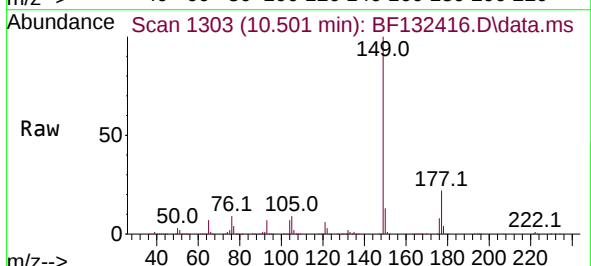
Tgt Ion:149 Resp: 873001

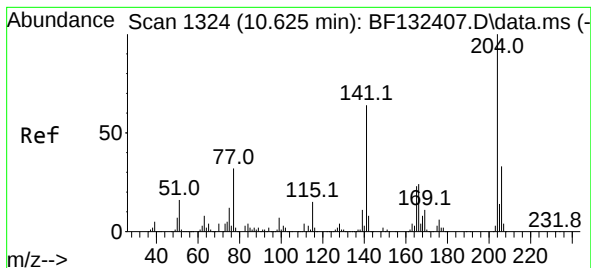
Ion Ratio Lower Upper

149 100

177 21.9 18.1 27.1

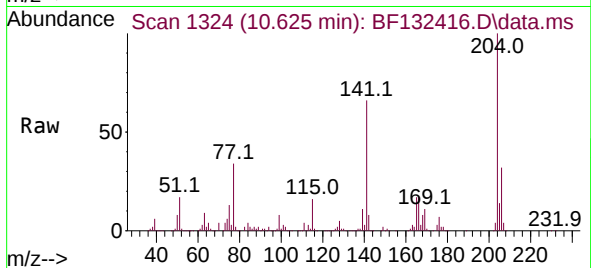
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.948 ng
RT: 10.625 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

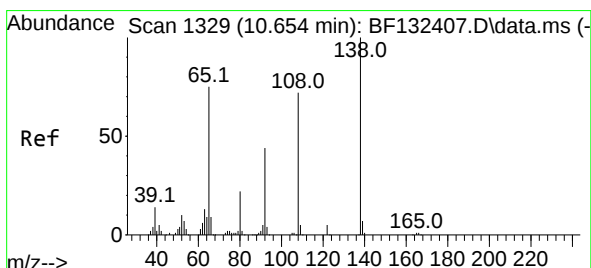
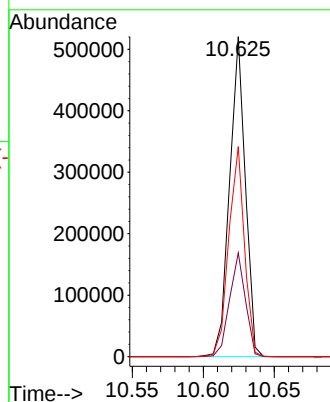
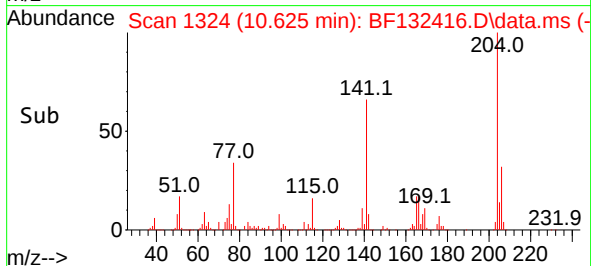
Instrument :
BNA_F
ClientSampleId :
PB150774BS



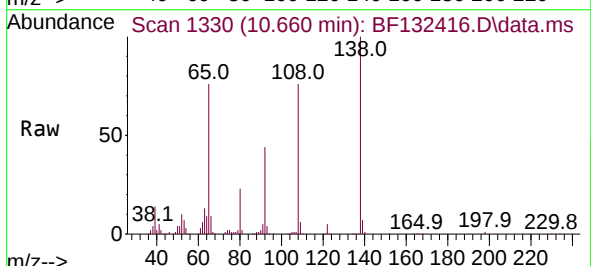
Tgt Ion:204 Resp: 401832
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 65.6 50.9 76.3

Manual Integrations
APPROVED

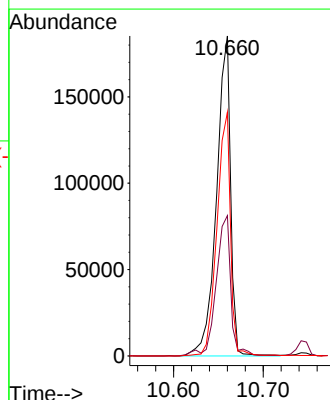
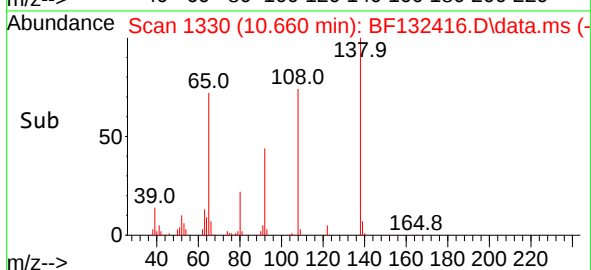
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

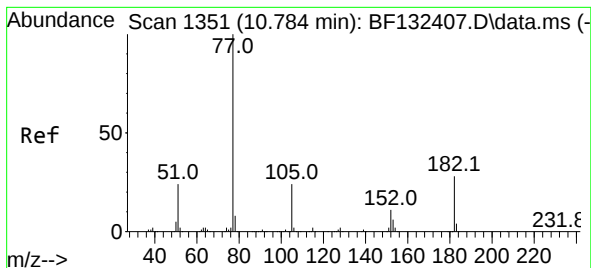


#62
4-Nitroaniline
Concen: 41.386 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34



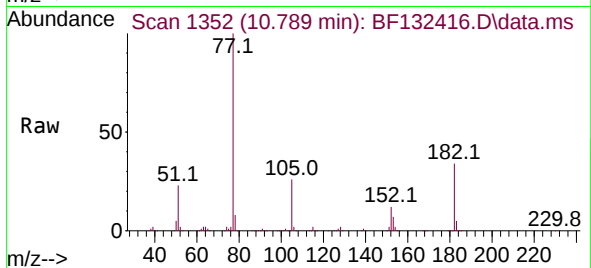
Tgt Ion:138 Resp: 201471
Ion Ratio Lower Upper
138 100
92 43.8 24.3 64.3
108 76.1 52.4 92.4





#63
Azobenzene
Concen: 40.169 ng
RT: 10.789 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

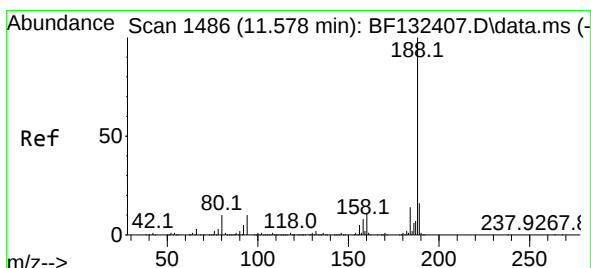
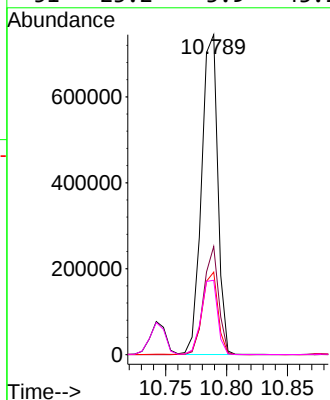
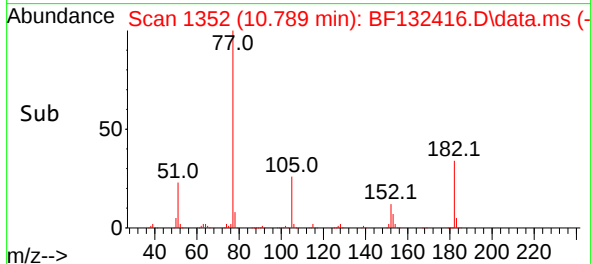
Instrument :
BNA_F
ClientSampleId :
PB150774BS



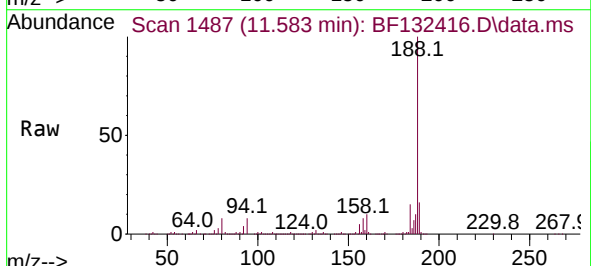
Tgt Ion: 77 Resp: 691355
Ion Ratio Lower Upper
77 100
182 33.8 8.3 48.3
105 25.8 3.9 43.9
51 23.2 3.9 43.9

Manual Integrations
APPROVED

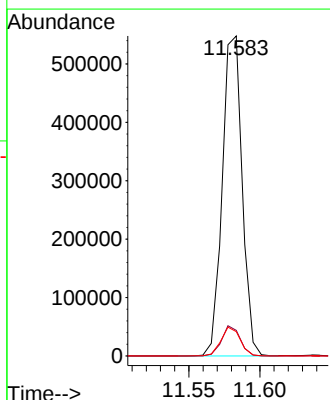
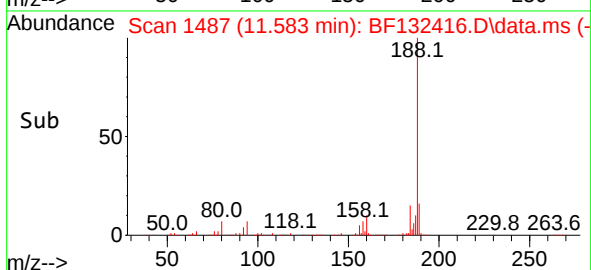
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

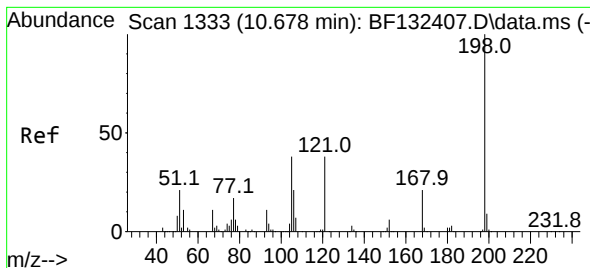


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.583 min Scan# 1487
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34



Tgt Ion:188 Resp: 532599
Ion Ratio Lower Upper
188 100
94 8.0 7.8 11.6
80 7.6 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 45.462 ng
RT: 10.678 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Instrument :

BNA_F

ClientSampleId :

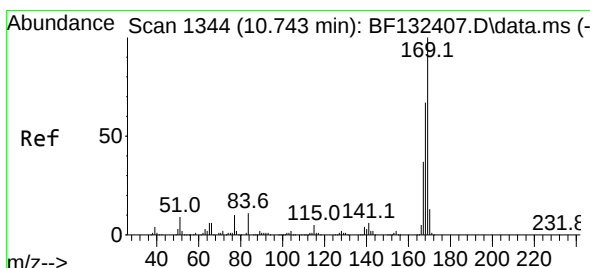
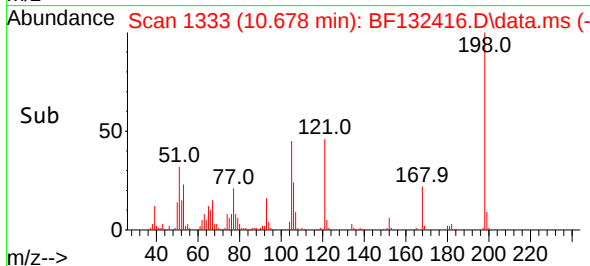
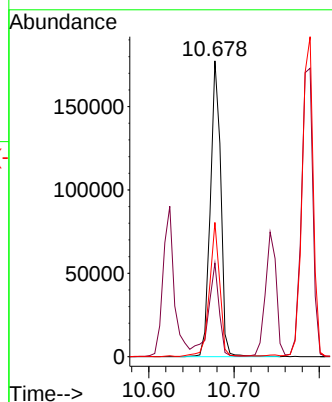
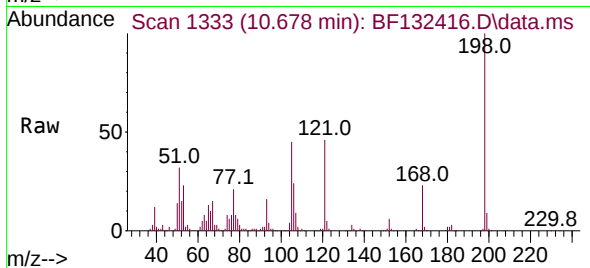
PB150774BS

Tgt Ion:198 Resp: 150530
Ion Ratio Lower Upper
198 100
51 31.6 4.6 44.6
105 45.3 19.3 59.3

Manual Integrations

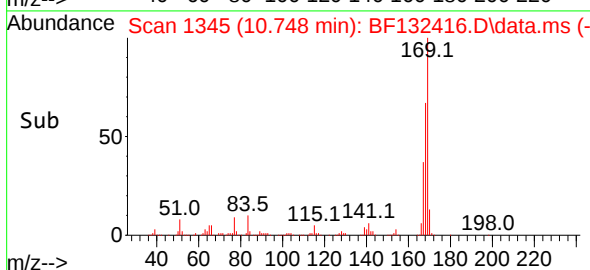
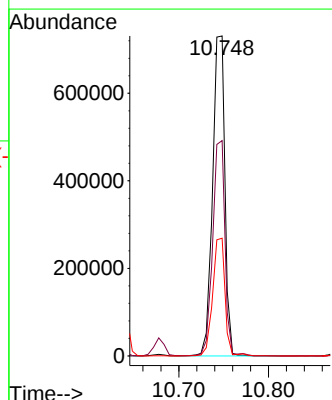
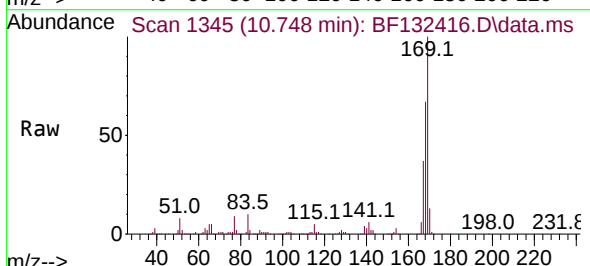
APPROVED

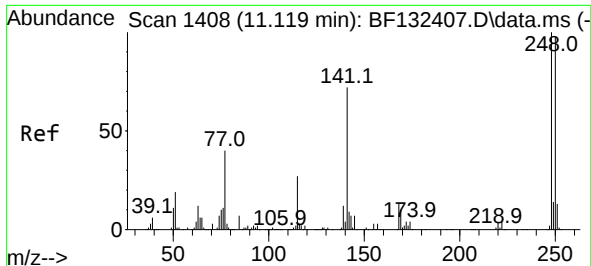
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#66
n-Nitrosodiphenylamine
Concen: 40.680 ng
RT: 10.748 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Tgt Ion:169 Resp: 699449
Ion Ratio Lower Upper
169 100
168 67.3 53.5 80.3
167 36.8 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 41.313 ng
RT: 11.119 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Instrument :

BNA_F

ClientSampleId :

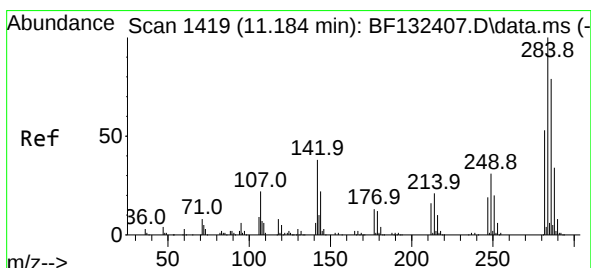
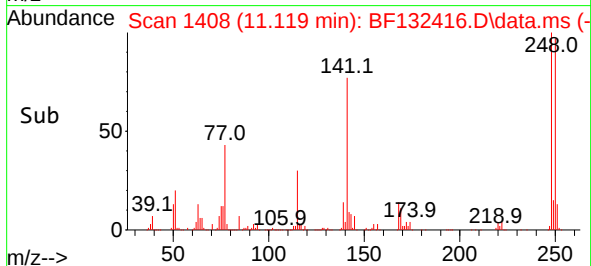
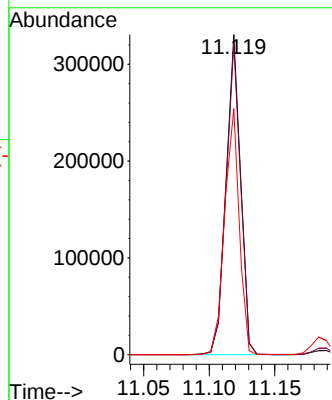
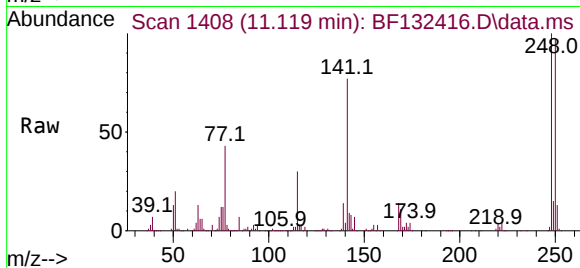
PB150774BS

Tgt Ion:248 Resp: 256815
Ion Ratio Lower Upper
248 100
250 97.1 78.1 117.1
141 76.9 57.9 86.9

Manual Integrations

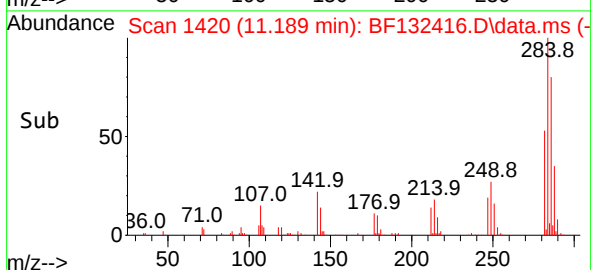
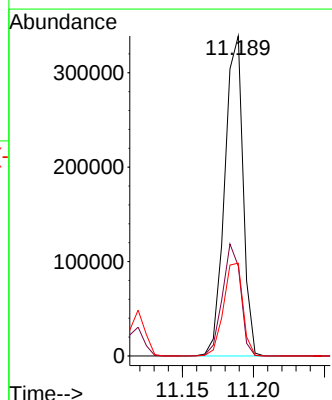
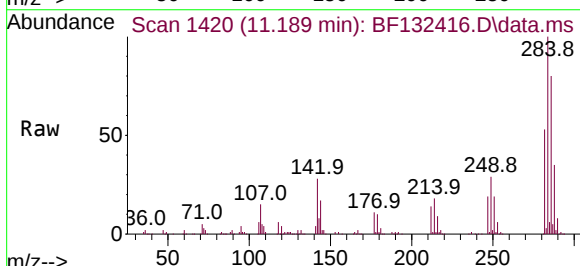
APPROVED

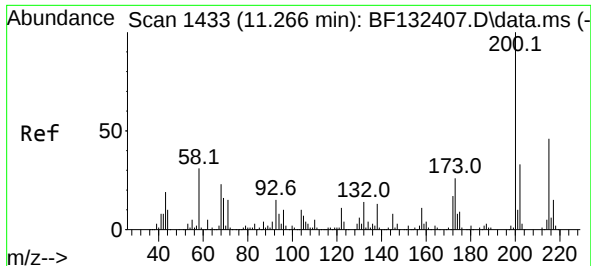
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#68
Hexachlorobenzene
Concen: 44.318 ng
RT: 11.189 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

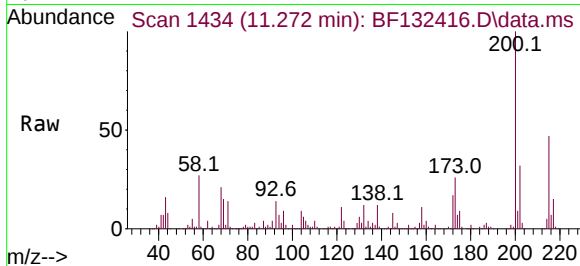
Tgt Ion:284 Resp: 304716
Ion Ratio Lower Upper
284 100
142 28.1 30.1 45.1#
249 29.0 25.0 37.4





#69
Atrazine
Concen: 47.892 ng
RT: 11.272 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

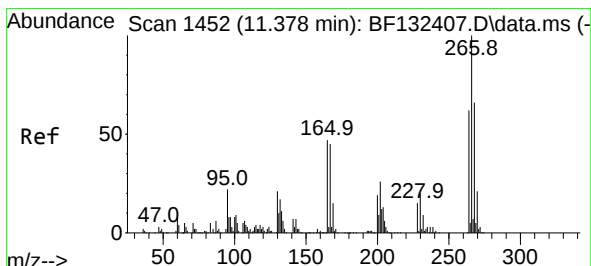
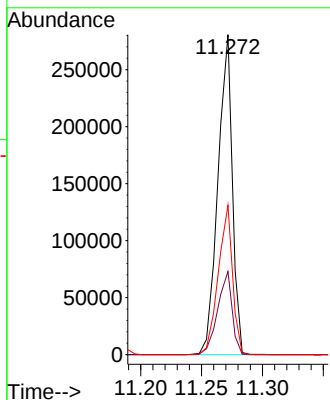
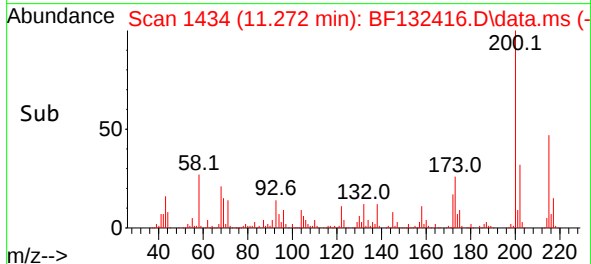
Instrument :
BNA_F
ClientSampleId :
PB150774BS



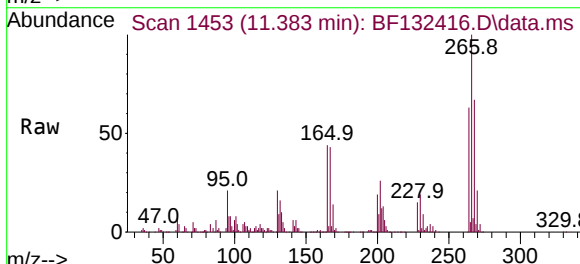
Tgt Ion:200 Resp: 230891
Ion Ratio Lower Upper
200 100
173 26.0 6.3 46.3
215 46.7 26.1 66.1

Manual Integrations
APPROVED

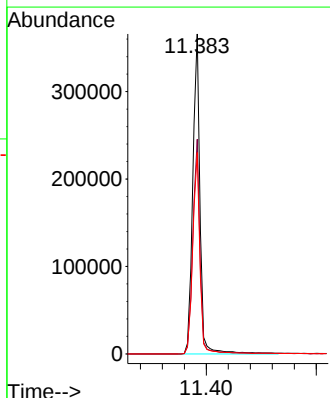
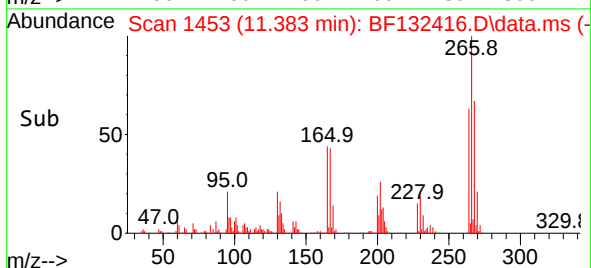
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

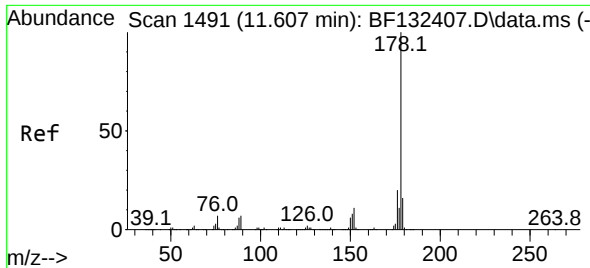


#70
Pentachlorophenol
Concen: 81.680 ng
RT: 11.383 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34



Tgt Ion:266 Resp: 336016
Ion Ratio Lower Upper
266 100
268 67.1 53.0 79.4
264 62.9 49.6 74.4





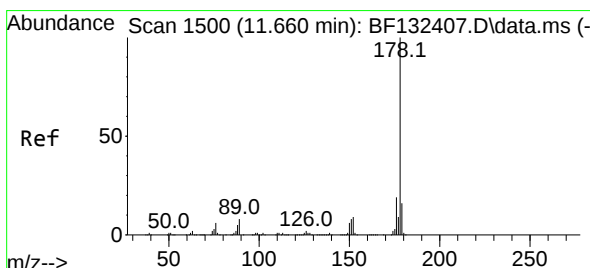
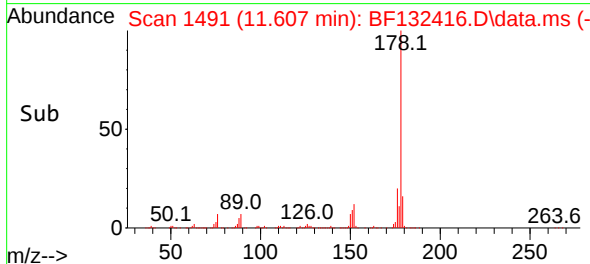
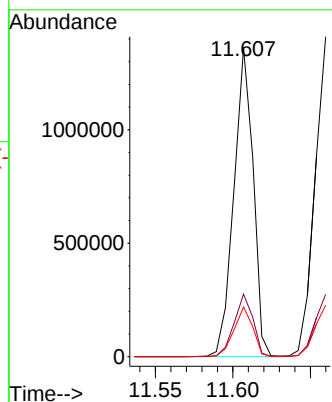
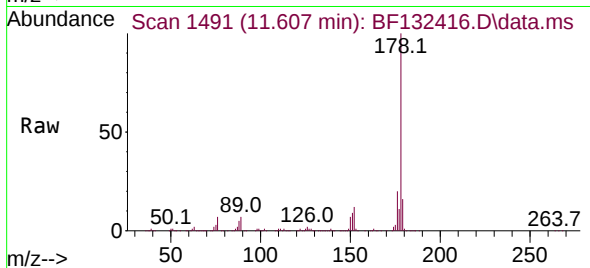
#71
Phenanthrene
Concen: 40.808 ng
RT: 11.607 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Instrument :
BNA_F
ClientSampleId :
PB150774BS

Tgt Ion:178 Resp: 1184936
Ion Ratio Lower Upper
178 100
176 20.2 16.1 24.1
179 16.1 12.6 19.0

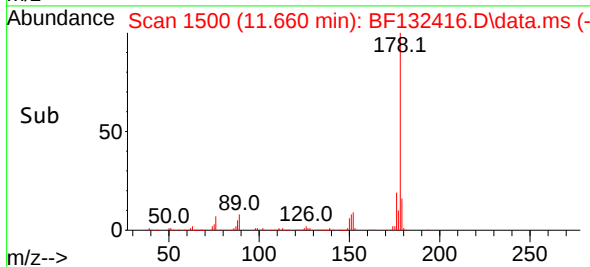
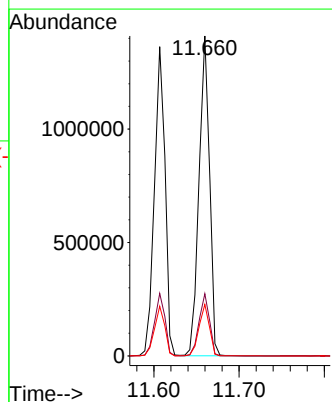
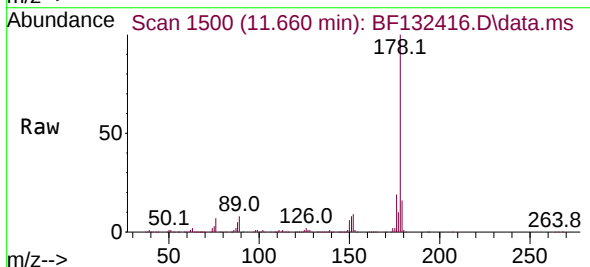
Manual Integrations
APPROVED

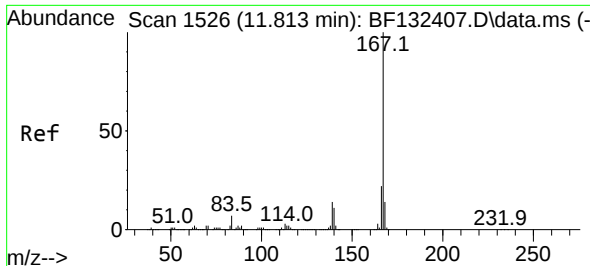
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#72
Anthracene
Concen: 40.737 ng
RT: 11.660 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

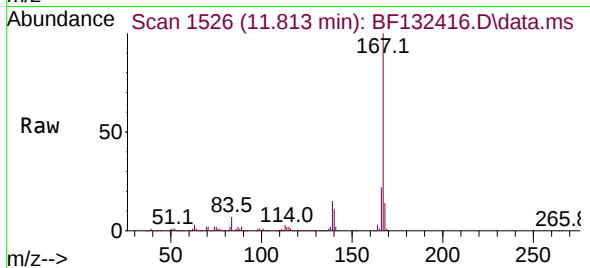
Tgt Ion:178 Resp: 1211463
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.1 12.6 19.0





#73
 Carbazole
 Concen: 41.822 ng
 RT: 11.813 min Scan# 1526
 Delta R.T. -0.000 min
 Lab File: BF132416.D
 Acq: 13 Feb 2023 18:34

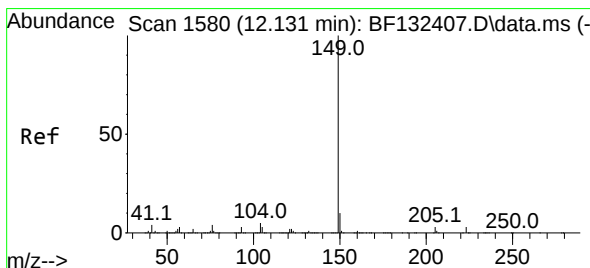
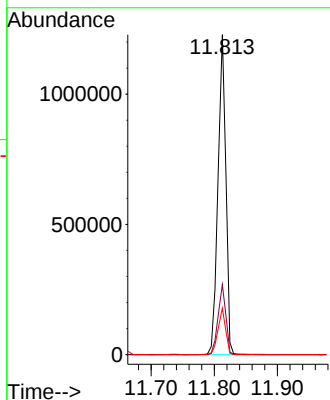
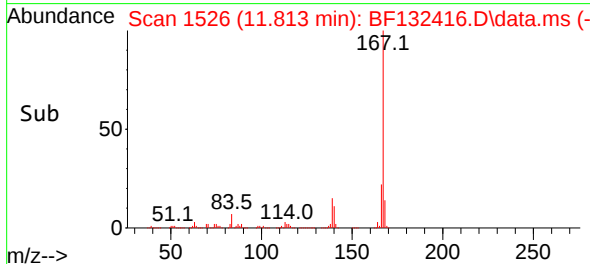
Instrument :
 BNA_F
 ClientSampleId :
 PB150774BS



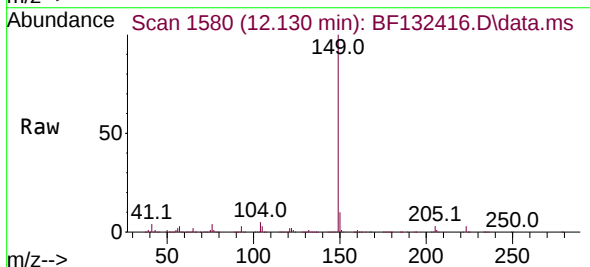
Tgt Ion:167 Resp: 1067325
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 14.5 11.3 16.9

Manual Integrations
 APPROVED

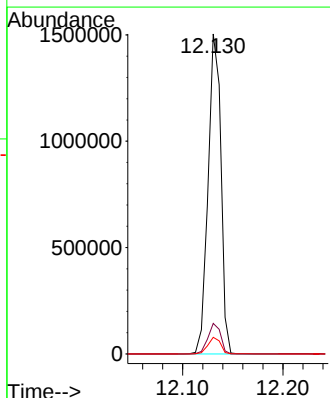
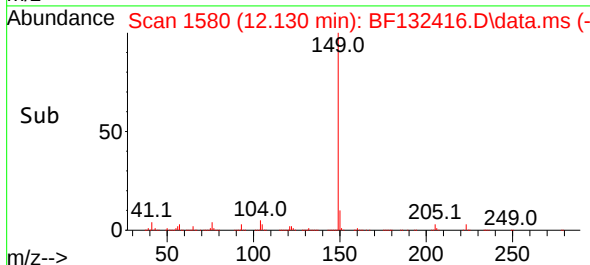
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023

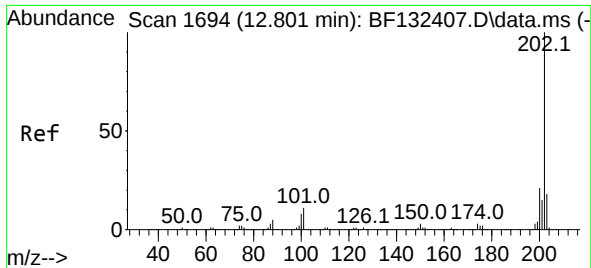


#74
 Di-n-butylphthalate
 Concen: 41.490 ng
 RT: 12.130 min Scan# 1580
 Delta R.T. -0.000 min
 Lab File: BF132416.D
 Acq: 13 Feb 2023 18:34



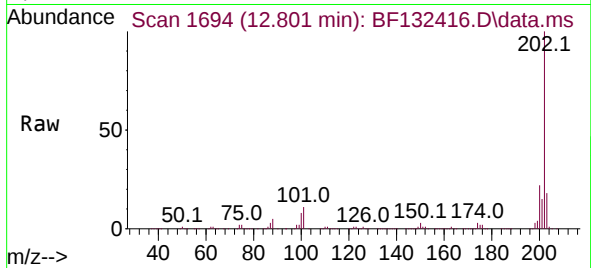
Tgt Ion:149 Resp: 1329650
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 42.290 ng
RT: 12.801 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

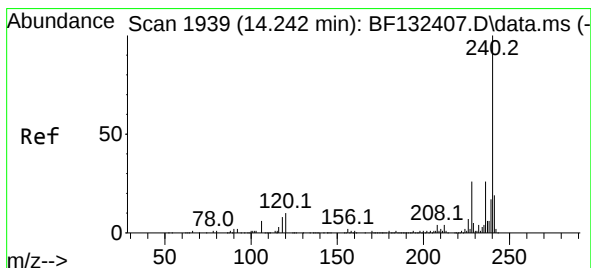
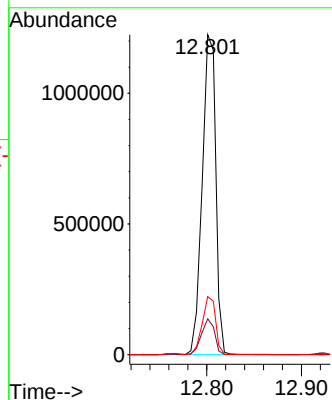
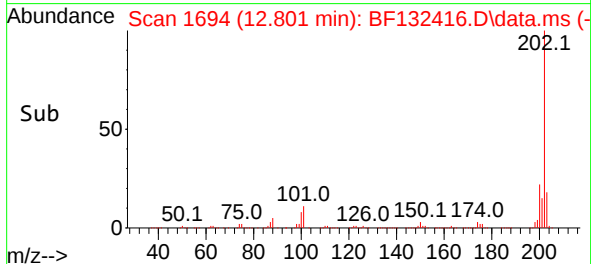
Instrument :
BNA_F
ClientSampleId :
PB150774BS



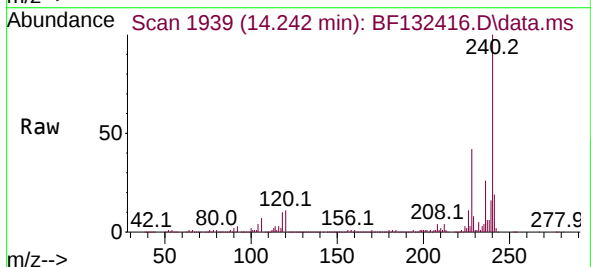
Tgt Ion:202 Resp: 1215232
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.0
203 18.1 0.0 37.9

Manual Integrations
APPROVED

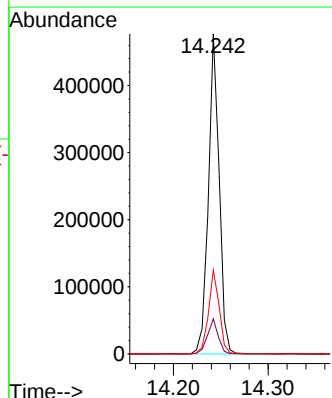
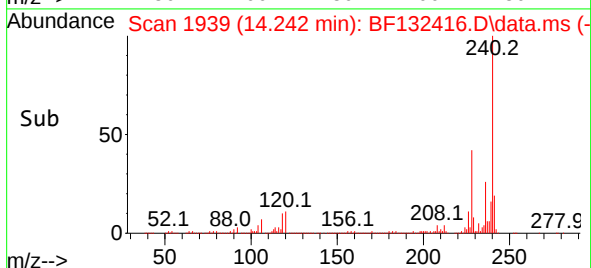
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

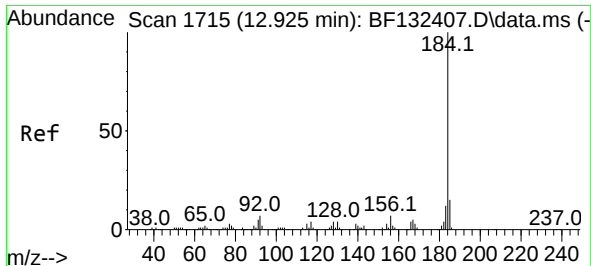


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.242 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34



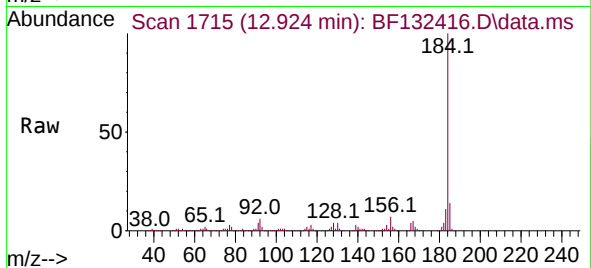
Tgt Ion:240 Resp: 378391
Ion Ratio Lower Upper
240 100
120 11.0 7.7 11.5
236 26.2 21.1 31.7





#77
Benzidine
Concen: 140.689 ng
RT: 12.924 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

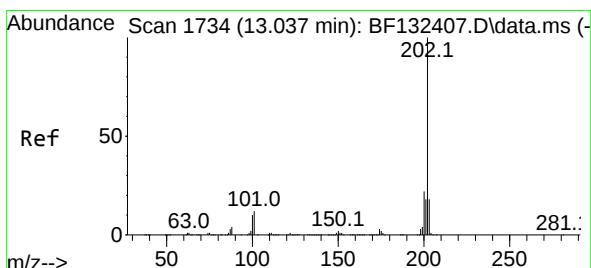
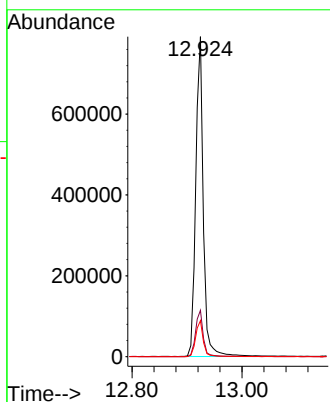
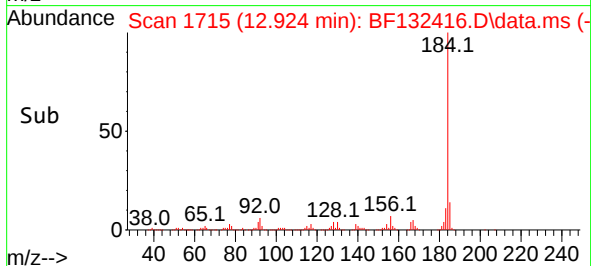
Instrument :
BNA_F
ClientSampleId :
PB150774BS



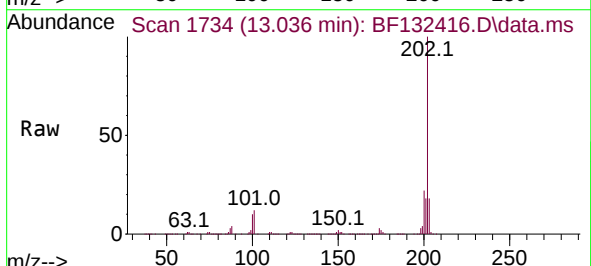
Tgt Ion:184 Resp: 757404
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.2
183 11.2 9.3 13.9

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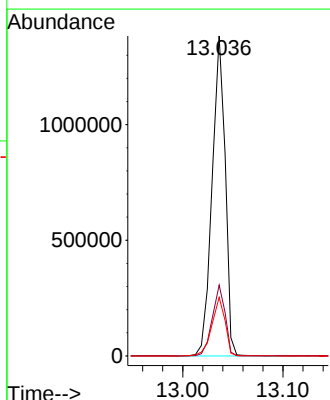
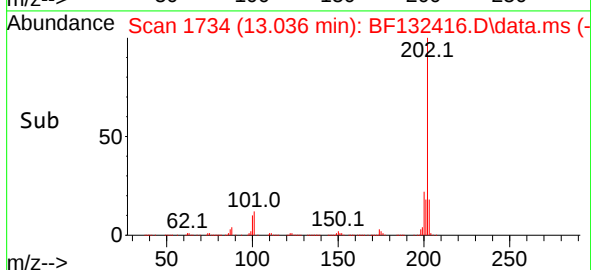
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

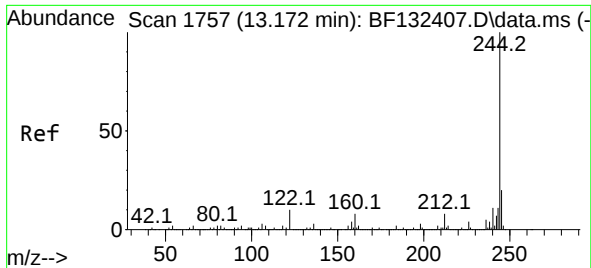


#78
Pyrene
Concen: 40.029 ng
RT: 13.036 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34



Tgt Ion:202 Resp: 1255257
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.0
203 18.3 14.1 21.1





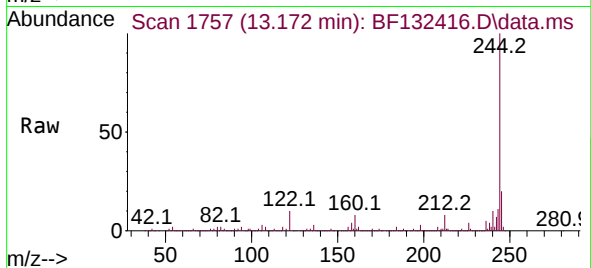
#79
 Terphenyl-d14
 Concen: 61.573 ng
 RT: 13.172 min Scan# 1757
 Delta R.T. -0.000 min
 Lab File: BF132416.D
 Acq: 13 Feb 2023 18:34

Instrument :

BNA_F

ClientSampleId :

PB150774BS

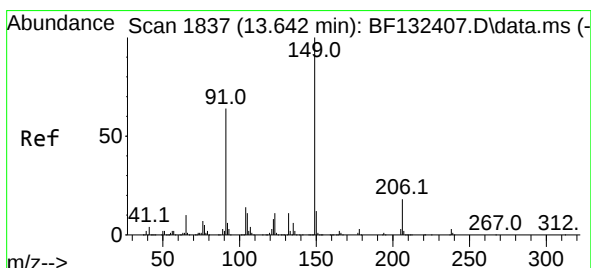
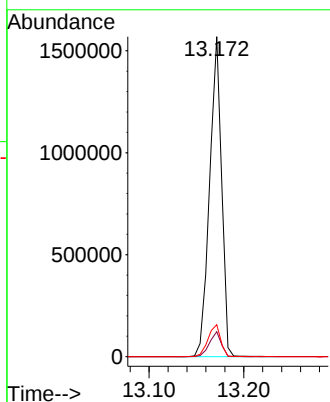
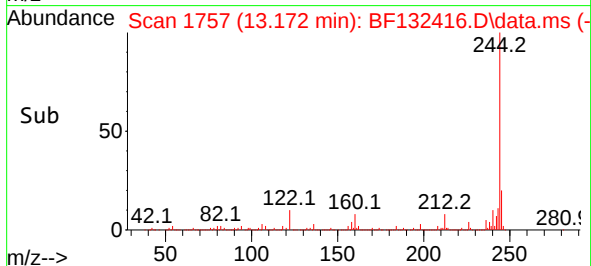


Tgt Ion:244 Resp: 1385309
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 10.0 8.2 12.4

Manual Integrations

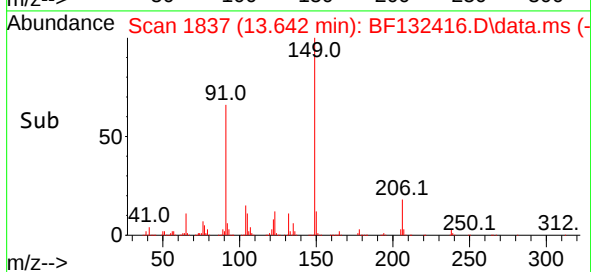
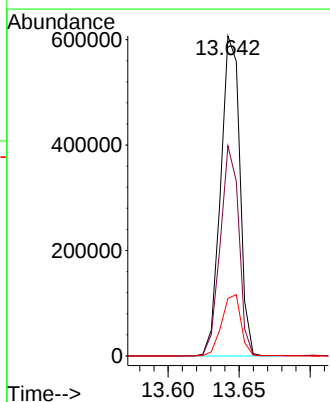
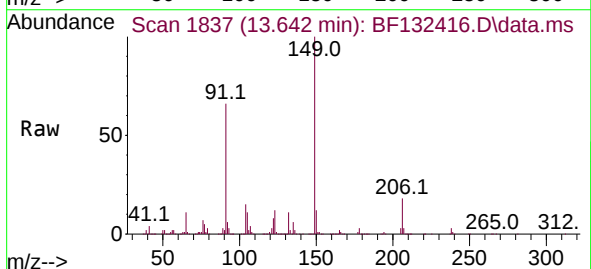
APPROVED

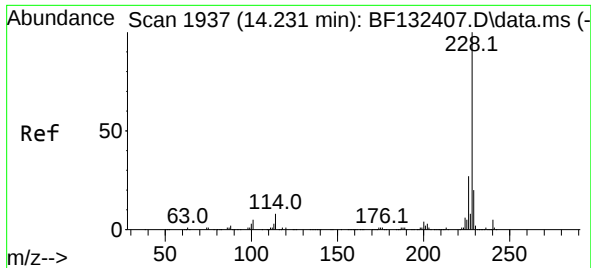
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023



#80
 Butylbenzylphthalate
 Concen: 43.811 ng
 RT: 13.642 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF132416.D
 Acq: 13 Feb 2023 18:34

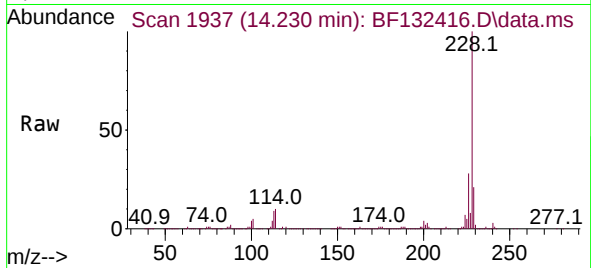
Tgt Ion:149 Resp: 569474
 Ion Ratio Lower Upper
 149 100
 91 65.6 51.6 77.4
 206 18.0 14.8 22.2





#81
Benzo(a)anthracene
Concen: 41.750 ng
RT: 14.230 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

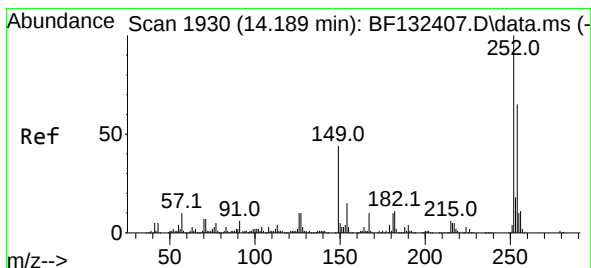
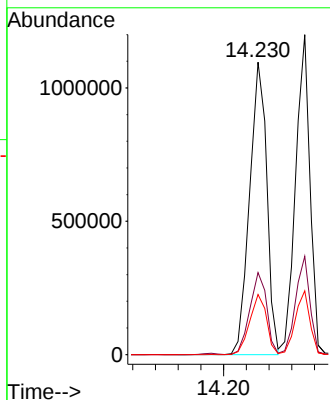
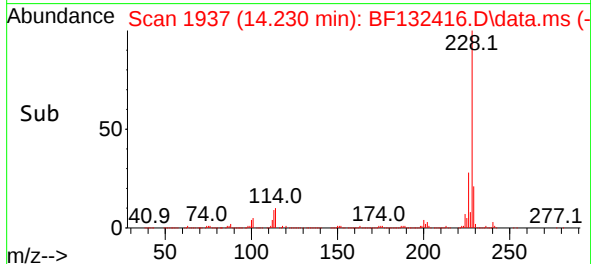
Instrument :
BNA_F
ClientSampleId :
PB150774BS



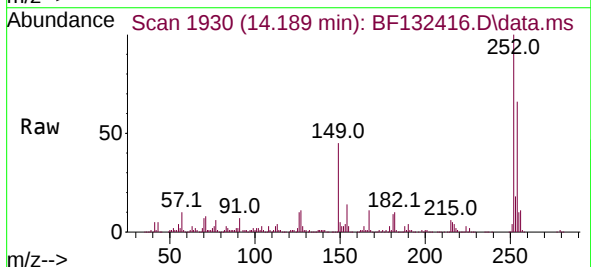
Tgt Ion:228 Resp: 1149358
Ion Ratio Lower Upper
228 100
226 28.1 21.8 32.6
229 20.6 15.7 23.5

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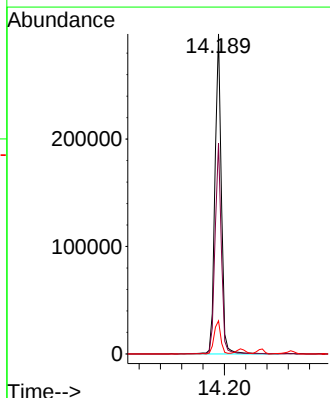
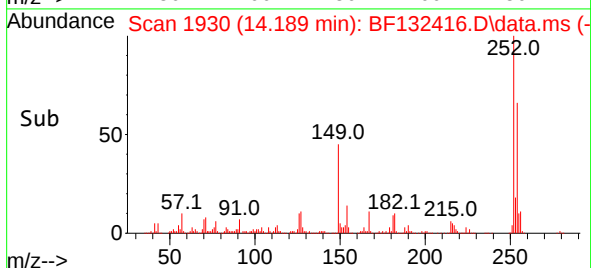
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

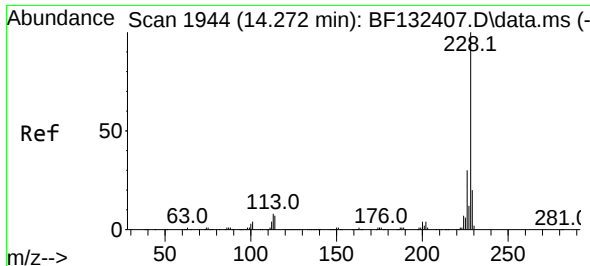


#82
3,3'-Dichlorobenzidine
Concen: 32.623 ng
RT: 14.189 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34



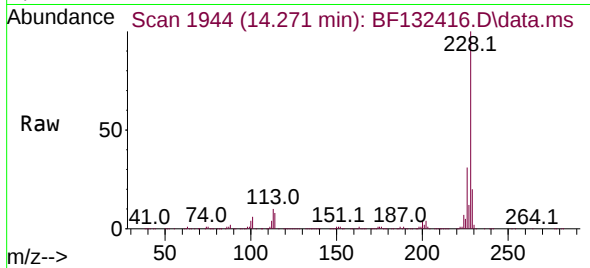
Tgt Ion:252 Resp: 248372
Ion Ratio Lower Upper
252 100
254 65.9 51.8 77.6
126 10.3 8.1 12.1





#83
Chrysene
Concen: 40.634 ng
RT: 14.271 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

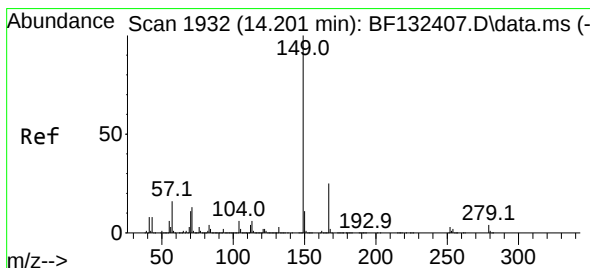
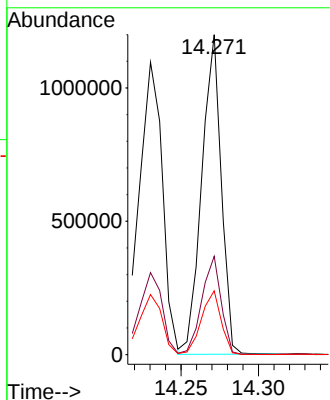
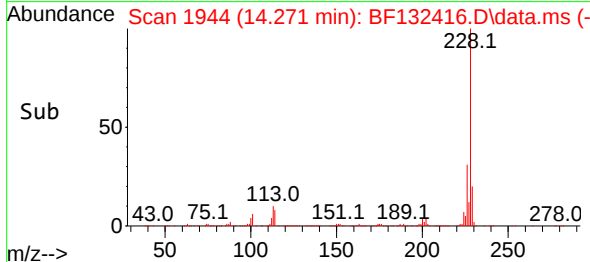
Instrument :
BNA_F
ClientSampleId :
PB150774BS



Tgt Ion:228 Resp: 1055600
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.4
229 19.9 16.0 24.0

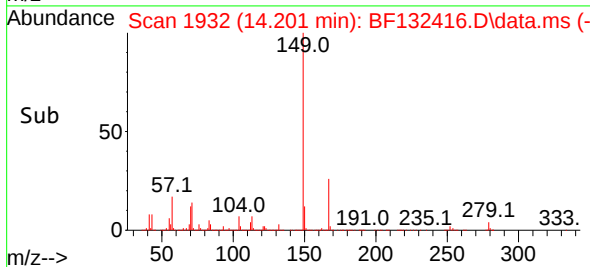
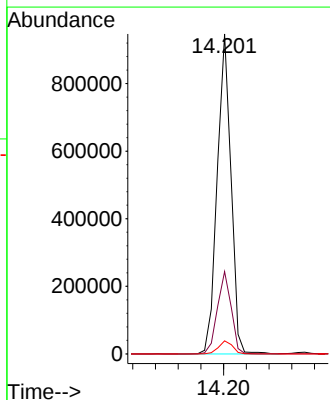
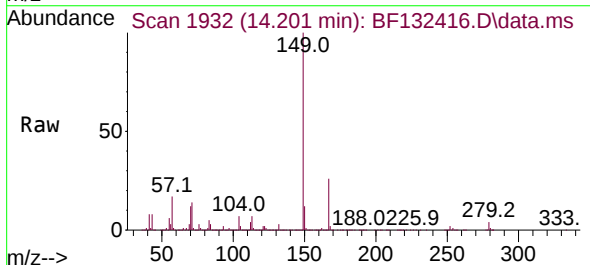
Manual Integrations
APPROVED

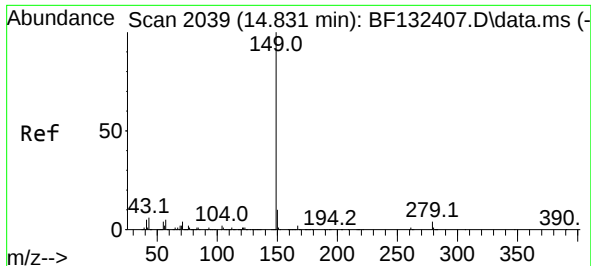
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.527 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

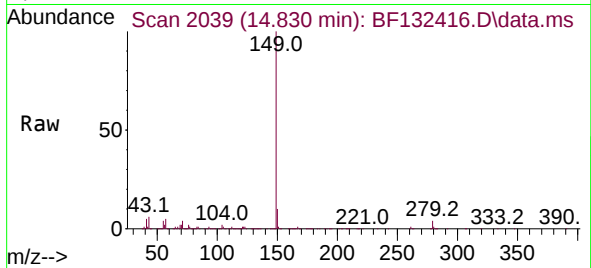
Tgt Ion:149 Resp: 795781
Ion Ratio Lower Upper
149 100
167 25.8 20.2 30.4
279 4.1 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 45.266 ng
RT: 14.830 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

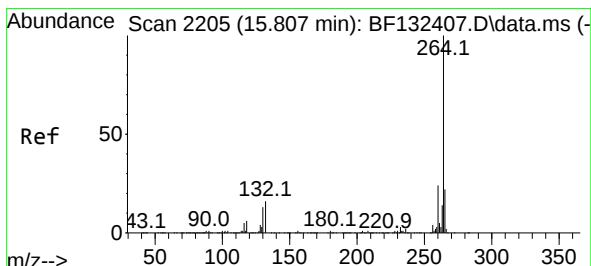
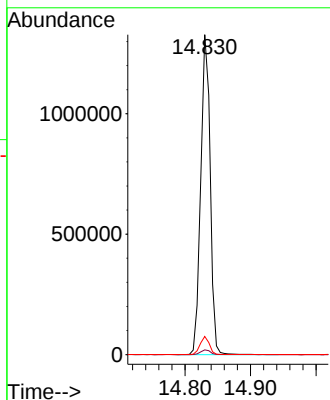
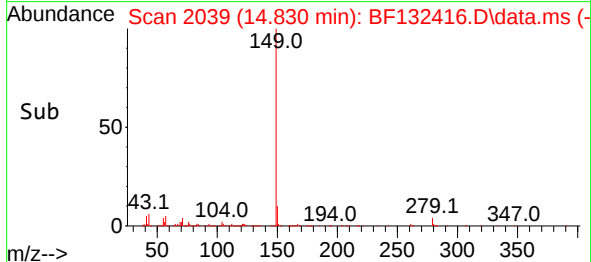
Instrument :
BNA_F
ClientSampleId :
PB150774BS



Tgt Ion:149 Resp: 1320112
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 5.5 4.6 6.8

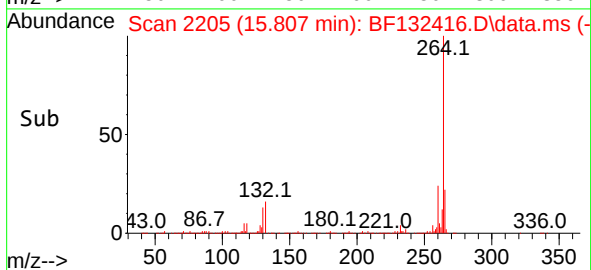
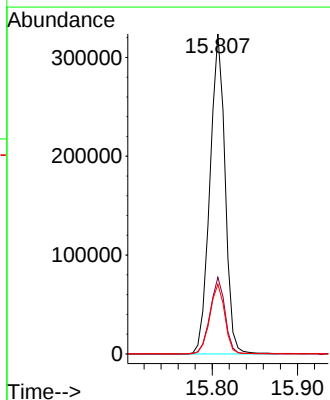
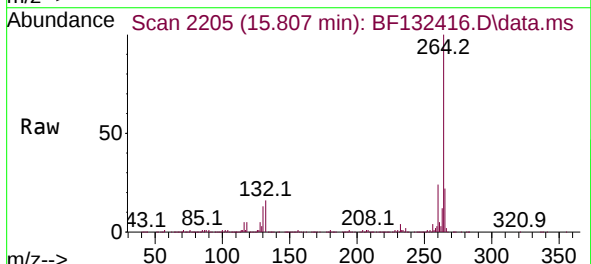
Manual Integrations
APPROVED

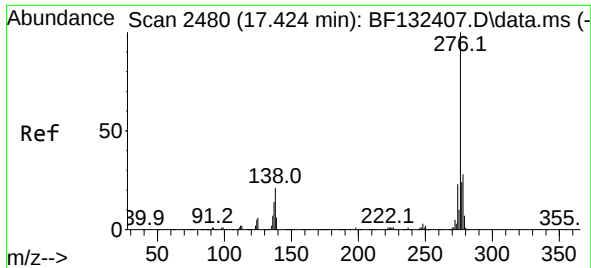
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.807 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

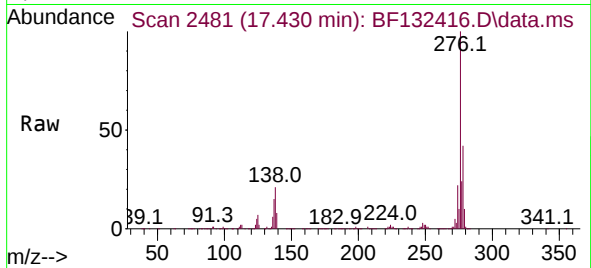
Tgt Ion:264 Resp: 399732
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.8 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.284 ng
RT: 17.430 min Scan# 2480
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

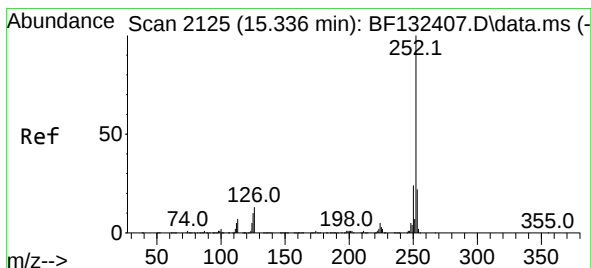
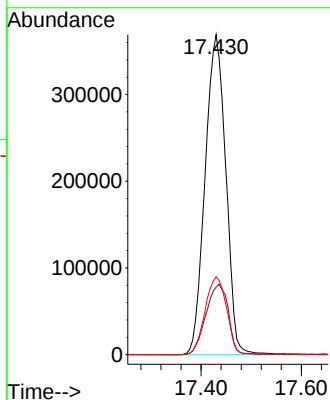
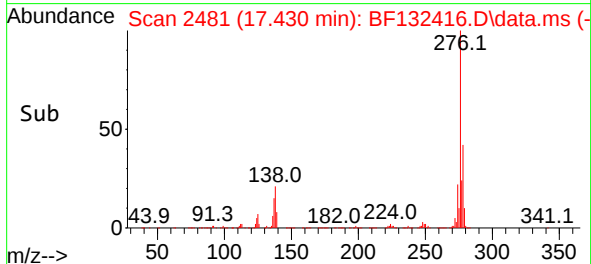
Instrument :
BNA_F
ClientSampleId :
PB150774BS



Tgt Ion:276 Resp: 105934
Ion Ratio Lower Upper
276 100
138 23.7 19.1 28.7
277 25.3 20.0 30.0

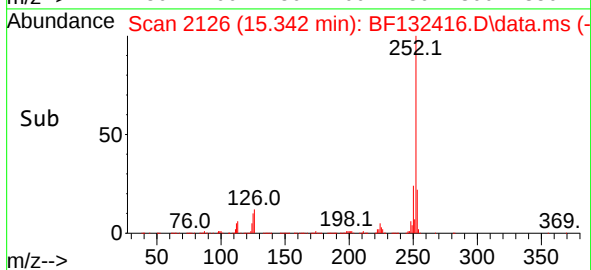
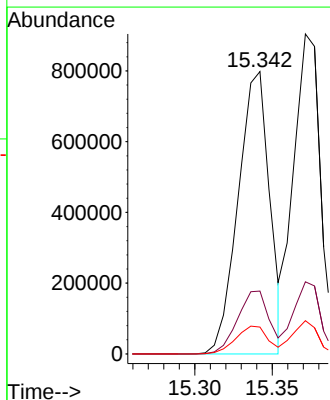
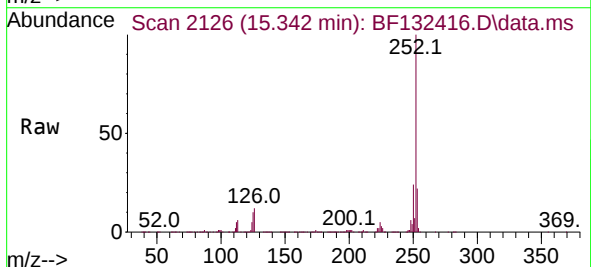
Manual Integrations
APPROVED

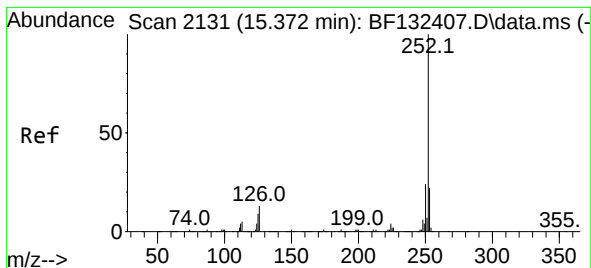
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#88
Benzo(b)fluoranthene
Concen: 43.562 ng
RT: 15.342 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BF132416.D
Acq: 13 Feb 2023 18:34

Tgt Ion:252 Resp: 1130479
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.5 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 42.263 ng

RT: 15.371 min Scan# 2131

Delta R.T. -0.000 min

Lab File: BF132416.D

Acq: 13 Feb 2023 18:34

Instrument :

BNA_F

ClientSampleId :

PB150774BS

Tgt Ion:252 Resp: 1090989

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

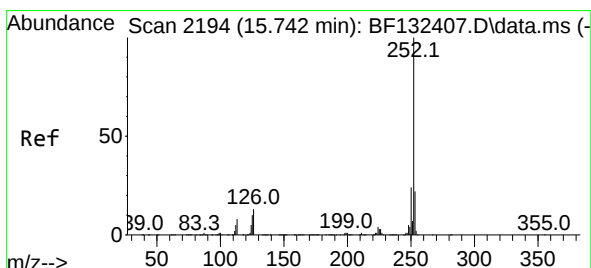
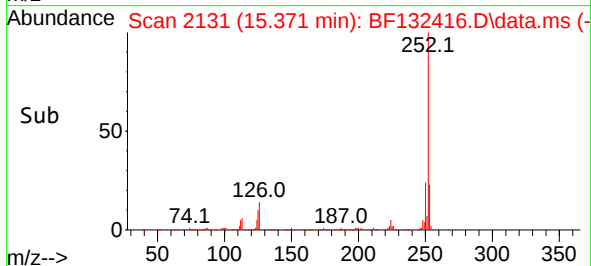
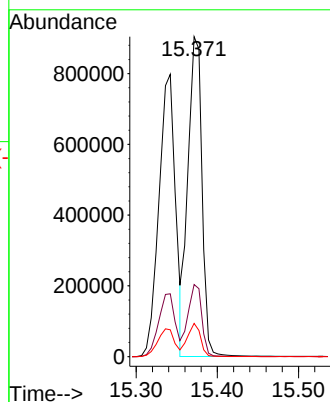
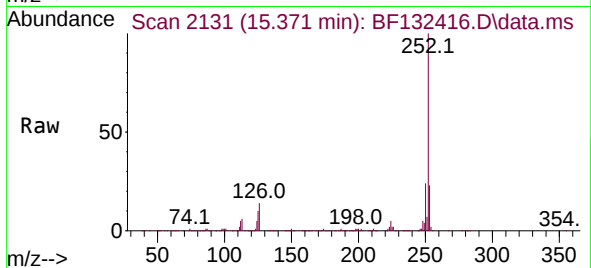
125 10.4 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#90

Benzo(a)pyrene

Concen: 40.066 ng

RT: 15.742 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BF132416.D

Acq: 13 Feb 2023 18:34

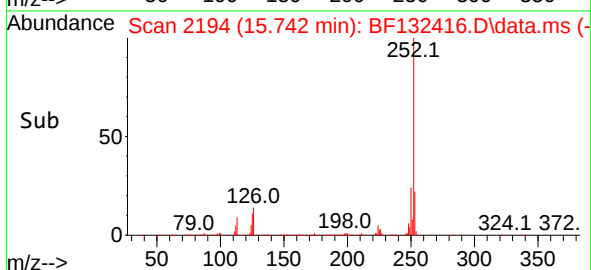
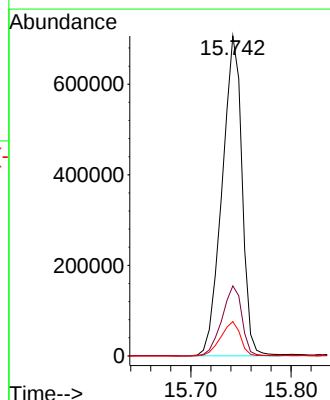
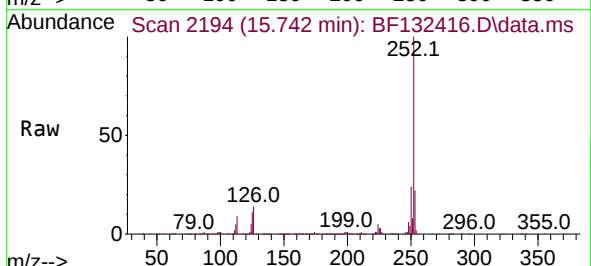
Tgt Ion:252 Resp: 976514

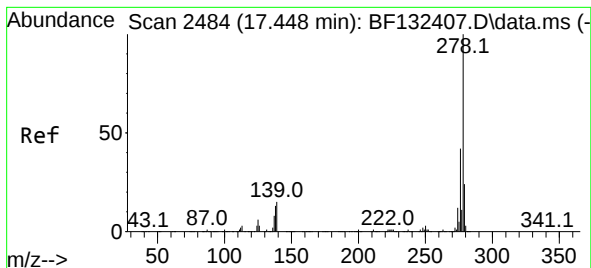
Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 10.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 37.265 ng

RT: 17.448 min Scan# 2484

Delta R.T. -0.000 min

Lab File: BF132416.D

Acq: 13 Feb 2023 18:34

Instrument :

BNA_F

ClientSampleId :

PB150774BS

Tgt Ion:278 Resp: 881824

Ion Ratio Lower Upper

278 100

139 15.7 11.8 17.8

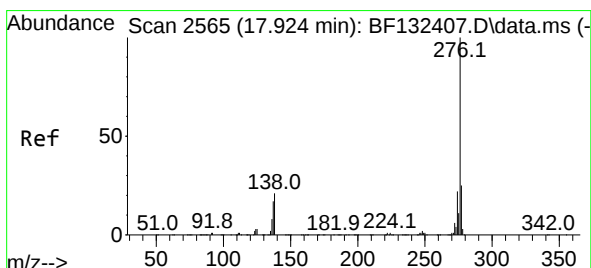
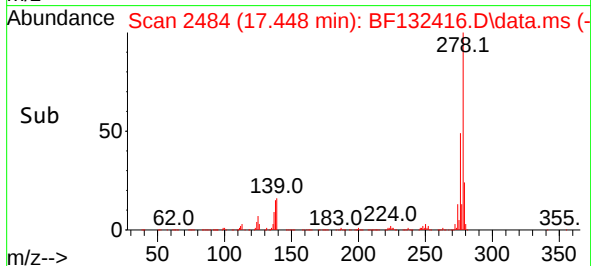
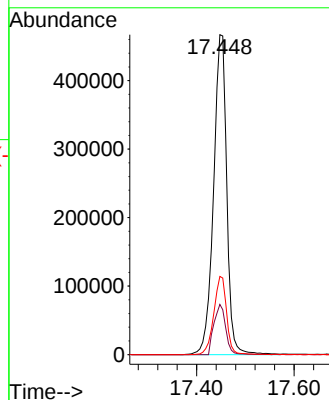
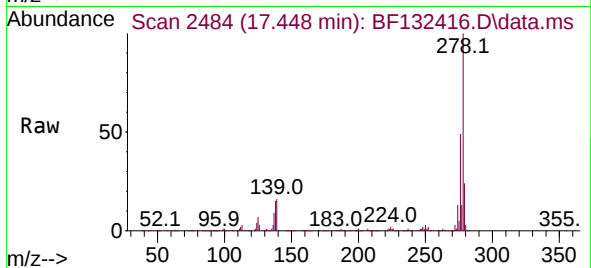
279 24.4 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#92

Benzo(g,h,i)perylene

Concen: 35.693 ng

RT: 17.924 min Scan# 2565

Delta R.T. -0.000 min

Lab File: BF132416.D

Acq: 13 Feb 2023 18:34

Tgt Ion:276 Resp: 831963

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 20.3 16.6 25.0

