

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132414.D
 Acq On : 13 Feb 2023 17:28
 Operator : CG\JU
 Sample : PB150810BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150810BSD

Manual Integrations
 APPROVED

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

Quant Time: Feb 14 01:37:57 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	170368	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	636026	20.000	ng	0.00
39) Acenaphthene-d10	10.083	164	317880	20.000	ng	0.00
64) Phenanthrene-d10	11.583	188	576616	20.000	ng	0.00
76) Chrysene-d12	14.242	240	401179	20.000	ng	# 0.00
86) Perylene-d12	15.807	264	389200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	1255104	134.436	ng	0.02
7) Phenol-d6	6.660	99	1481180	127.298	ng	0.00
23) Nitrobenzene-d5	7.601	82	903004	84.697	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	550135	130.050	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	1736610	79.089	ng	0.00
79) Terphenyl-d14	13.177	244	2025568	84.916	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.060	88	202218	29.478	ng	99
3) Pyridine	3.790	79	510542	41.130	ng	96
4) n-Nitrosodimethylamine	3.760	42	189761	46.819	ng	85
6) Aniline	6.701	93	486729m	38.478	ng	
8) 2-Chlorophenol	6.819	128	503053	45.019	ng	98
9) Benzaldehyde	6.584	77	124282	29.047	ng	95
10) Phenol	6.678	94	524076m	44.148	ng	
11) bis(2-Chloroethyl)ether	6.766	93	524832	44.001	ng	99
12) 1,3-Dichlorobenzene	6.978	146	542941	44.325	ng	100
13) 1,4-Dichlorobenzene	7.054	146	539891	43.913	ng	99
14) 1,2-Dichlorobenzene	7.201	146	526453	45.540	ng	99
15) Benzyl Alcohol	7.178	79	356509	51.343	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.301	45	392568	41.445	ng	99
17) 2-Methylphenol	7.284	107	384217	38.113	ng	99
18) Hexachloroethane	7.548	117	205595	42.152	ng	99
19) n-Nitroso-di-n-propyla...	7.448	70	261505	39.386	ng	98
20) 3+4-Methylphenols	7.436	107	455714	35.978	ng	# 83
22) Acetophenone	7.442	105	626911	42.282	ng	# 98
24) Nitrobenzene	7.619	77	445859	42.020	ng	99
25) Isophorone	7.854	82	828453	44.106	ng	99
26) 2-Nitrophenol	7.936	139	275427	47.302	ng	96
27) 2,4-Dimethylphenol	7.966	122	432828	45.592	ng	100
28) bis(2-Chloroethoxy)met...	8.060	93	533825	43.971	ng	99
29) 2,4-Dichlorophenol	8.178	162	406341	43.258	ng	97
30) 1,2,4-Trichlorobenzene	8.260	180	458051	42.935	ng	99
31) Naphthalene	8.348	128	1342050	40.256	ng	99
32) Benzoic acid	8.095	122	321389	64.508	ng	99
33) 4-Chloroaniline	8.413	127	167203	13.642	ng	98
34) Hexachlorobutadiene	8.454	225	282417	41.468	ng	99
35) Caprolactam	8.766	113	125907m	44.738	ng	
36) 4-Chloro-3-methylphenol	8.872	107	418726	41.364	ng	97
37) 2-Methylnaphthalene	9.036	142	891395	34.264	ng	99
38) 1-Methylnaphthalene	9.136	142	831982	33.884	ng	99
40) 1,2,4,5-Tetrachloroben...	9.201	216	430144	42.891	ng	99
41) Hexachlorocyclopentadiene	9.189	237	597057	97.785	ng	99
43) 2,4,6-Trichlorophenol	9.313	196	298110	43.773	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.360	196	309815	39.718	ng	98
46) 1,1'-Biphenyl	9.501	154	1081799	41.725	ng	99
47) 2-Chloronaphthalene	9.530	162	839837	42.341	ng	98
48) 2-Nitroaniline	9.625	65	197921	42.760	ng	96
49) Acenaphthylene	9.948	152	1290390	40.921	ng	100
50) Dimethylphthalate	9.801	163	976636	40.791	ng	99
51) 2,6-Dinitrotoluene	9.866	165	224026	42.652	ng	97
52) Acenaphthene	10.125	154	946783	46.595	ng	99
53) 3-Nitroaniline	10.036	138	167741	28.711	ng	99
54) 2,4-Dinitrophenol	10.142	184	282884	96.862	ng	90
55) Dibenzofuran	10.295	168	1141015	40.314	ng	99
56) 4-Nitrophenol	10.195	139	381477	87.598	ng	91
57) 2,4-Dinitrotoluene	10.272	165	298352	43.237	ng	100
58) Fluorene	10.636	166	892755	40.569	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.407	232	260360	43.486	ng	100
60) Diethylphthalate	10.501	149	976797	40.753	ng	98
61) 4-Chlorophenyl-phenyle...	10.625	204	440404	39.836	ng	96
62) 4-Nitroaniline	10.660	138	228819	42.767	ng	95
63) Azobenzene	10.789	77	753441	39.829	ng	95
65) 4,6-Dinitro-2-methylph...	10.683	198	169600	47.311	ng	98
66) n-Nitrosodiphenylamine	10.748	169	770727	41.404	ng	99
67) 4-Bromophenyl-phenylether	11.119	248	287222	42.677	ng	96
68) Hexachlorobenzene	11.189	284	335011	45.004	ng	93
69) Atrazine	11.272	200	251050	48.099	ng	99
70) Pentachlorophenol	11.383	266	379403	85.186	ng	99
71) Phenanthrene	11.607	178	1320065	41.991	ng	100
72) Anthracene	11.660	178	1313178	40.786	ng	99
73) Carbazole	11.813	167	1179574	42.692	ng	99
74) Di-n-butylphthalate	12.130	149	1464220	42.201	ng	99
75) Fluoranthene	12.807	202	1335911	42.941	ng	99
77) Benzidine	12.924	184	458234	80.283	ng	98
78) Pyrene	13.036	202	1377674	41.437	ng	99
80) Butylbenzylphthalate	13.648	149	621013	45.062	ng	96
81) Benzo(a)anthracene	14.230	228	1248208	42.766	ng	98
82) 3,3'-Dichlorobenzidine	14.189	252	321118	39.783	ng	99
83) Chrysene	14.271	228	1139525	41.373	ng	99
84) Bis(2-ethylhexyl)phtha...	14.201	149	868987	44.831	ng	99
85) Di-n-octyl phthalate	14.830	149	1425237	46.095	ng	99
87) Indeno(1,2,3-cd)pyrene	17.430	276	1115282	40.315	ng	99
88) Benzo(b)fluoranthene	15.342	252	1291754	51.124	ng	99
89) Benzo(k)fluoranthene	15.377	252	1110001	44.163	ng	100
90) Benzo(a)pyrene	15.742	252	1033452	43.550	ng	99
91) Dibenzo(a,h)anthracene	17.453	278	930830	40.401	ng	100
92) Benzo(g,h,i)perylene	17.930	276	901093	39.705	ng	98

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

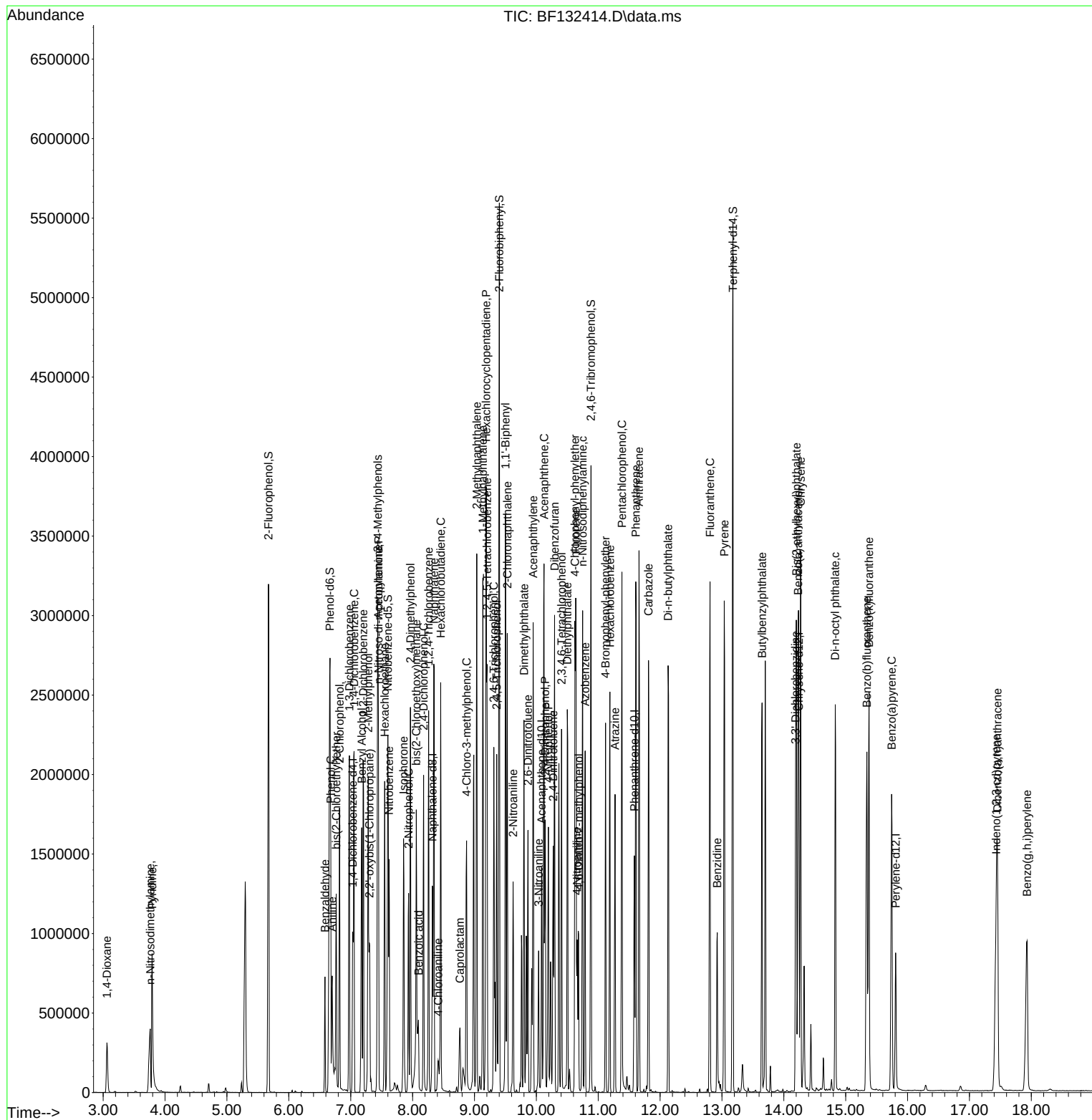
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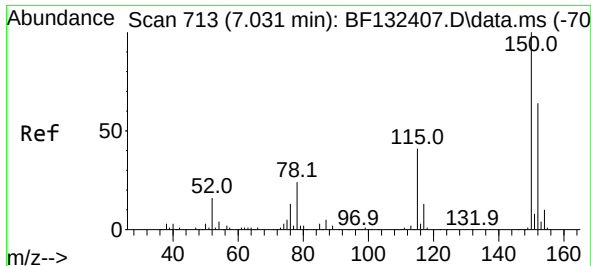
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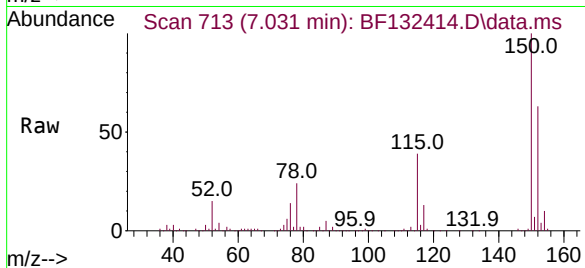
Reviewed By : Christian Giraldo 02/14/2023
Supervised By : Jagrut Upadhyay 02/14/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

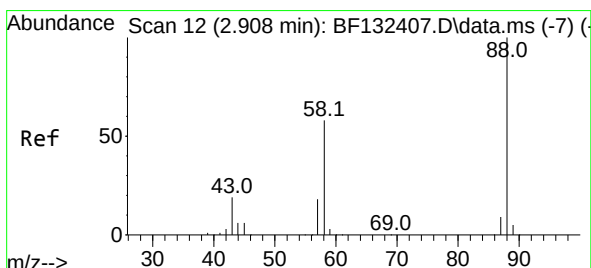
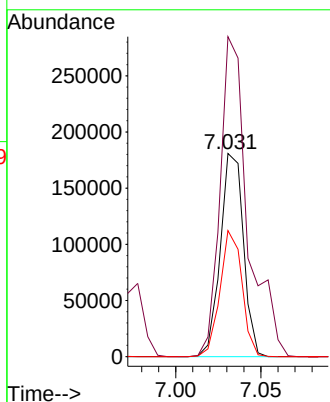
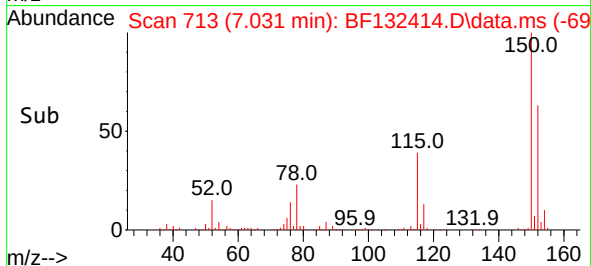
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



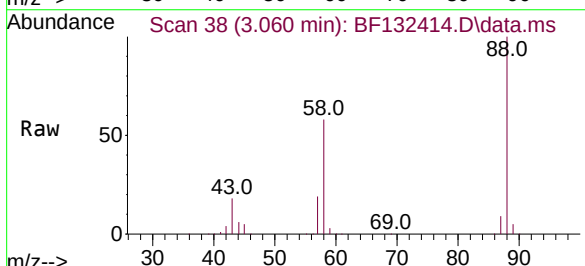
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Ion Ratio Lower Upper
152 100
150 157.5 124.4 186.6
115 62.0 50.6 75.8

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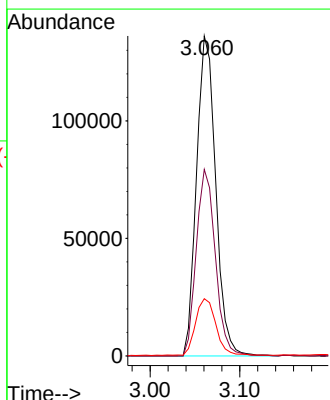
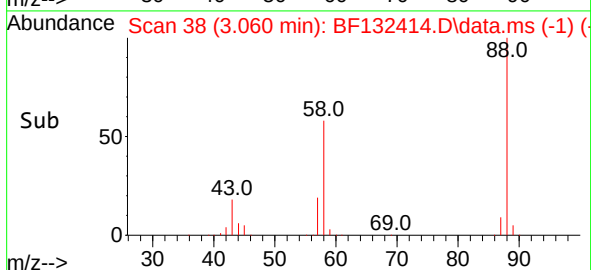
Reviewed By :Christian Giraldo 02/14/2023
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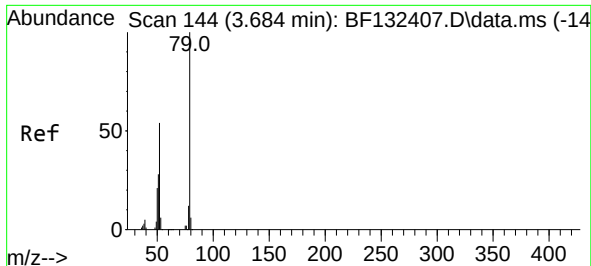


#2
1,4-Dioxane
Concen: 29.478 ng
RT: 3.060 min Scan# 38
Delta R.T. 0.152 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28



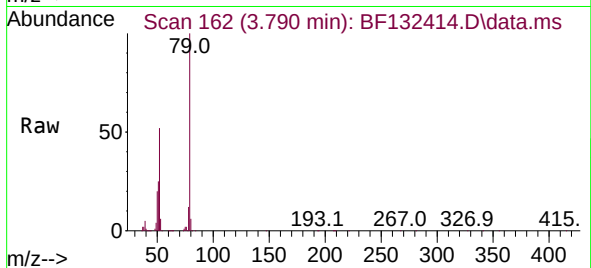
Tgt Ion: 88 Resp: 202218
Ion Ratio Lower Upper
88 100
58 58.1 45.7 68.5
43 19.0 15.0 22.4





#3
Pyridine
Concen: 41.130 ng
RT: 3.790 min Scan# 10
Delta R.T. 0.106 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

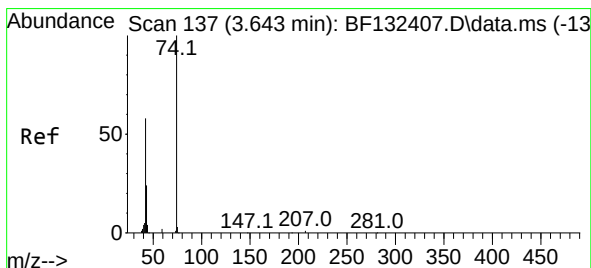
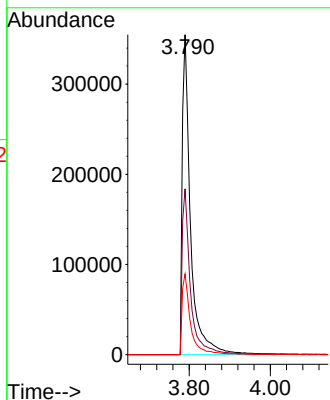
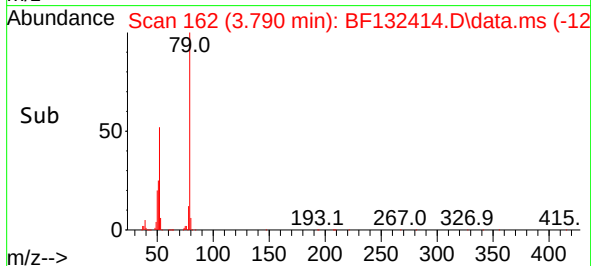
Instrument :
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ClientSampleId :
PB150810BSD



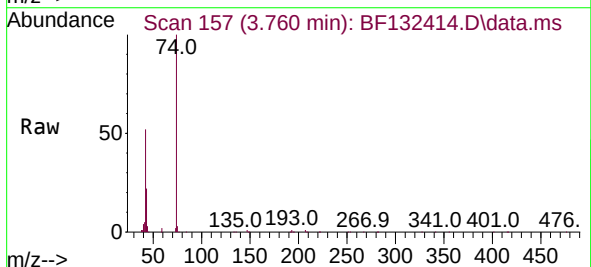
Tgt Ion: 79 Resp: 510542
Ion Ratio Lower Upper
79 100
52 51.8 43.3 64.9
51 25.2 22.1 33.1

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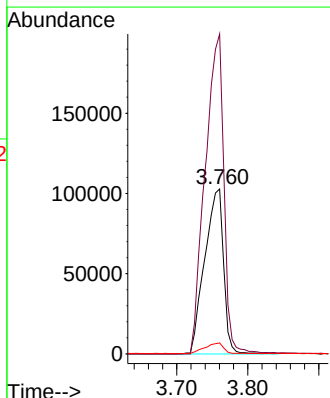
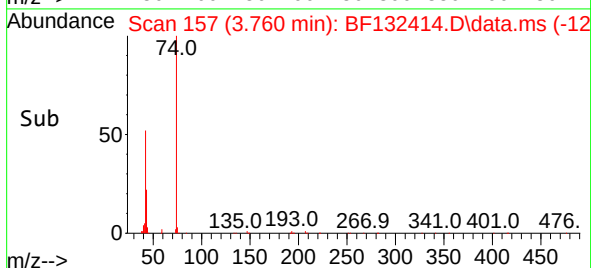
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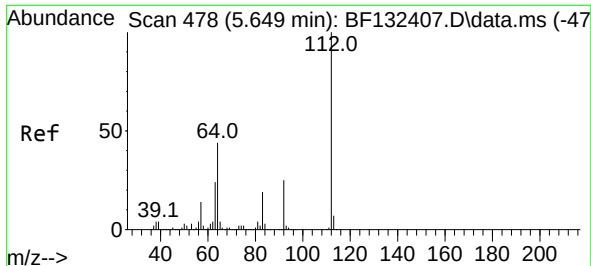


#4
n-Nitrosodimethylamine
Concen: 46.819 ng
RT: 3.760 min Scan# 157
Delta R.T. 0.117 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28



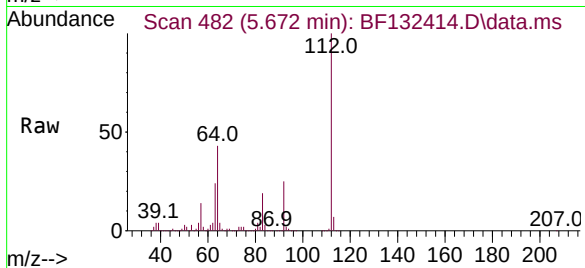
Tgt Ion: 42 Resp: 189761
Ion Ratio Lower Upper
42 100
74 194.1 137.8 206.6
44 6.7 5.8 8.6





#5
2-Fluorophenol
Concen: 134.436 ng
RT: 5.672 min Scan# 482
Delta R.T. 0.023 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

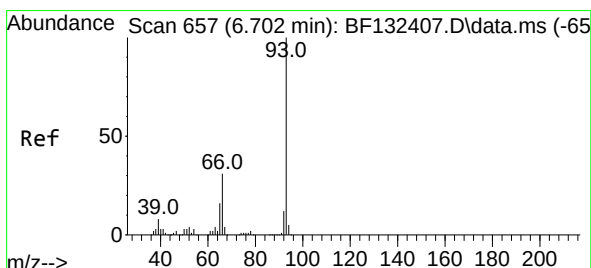
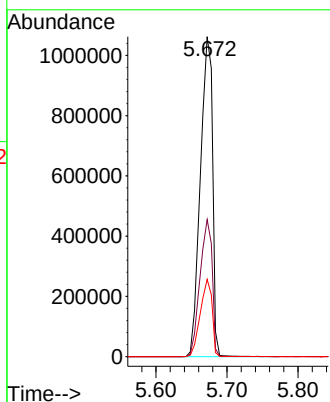
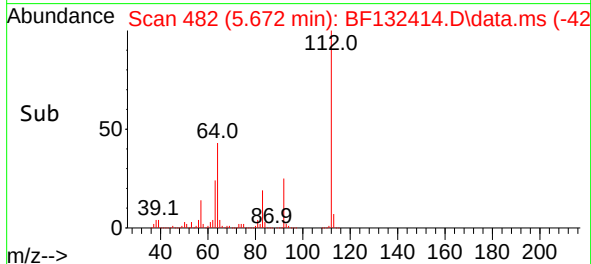
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ClientSampleId :
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Tgt Ion:112 Resp: 1255104
Ion Ratio Lower Upper
112 100
64 42.8 34.8 52.2
63 24.1 19.3 28.9

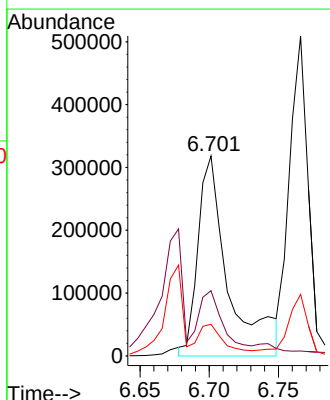
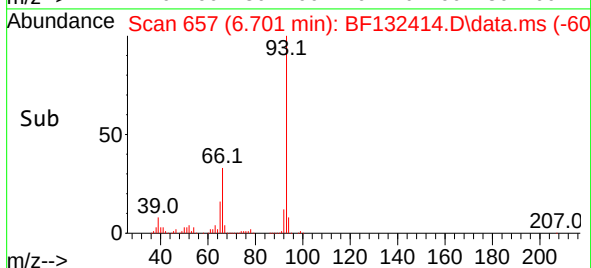
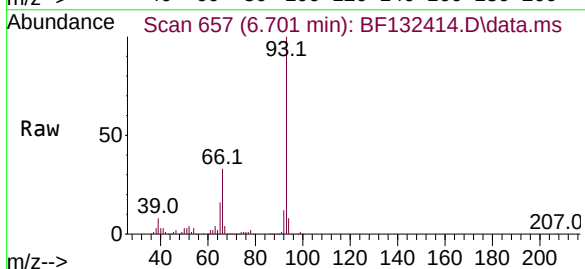
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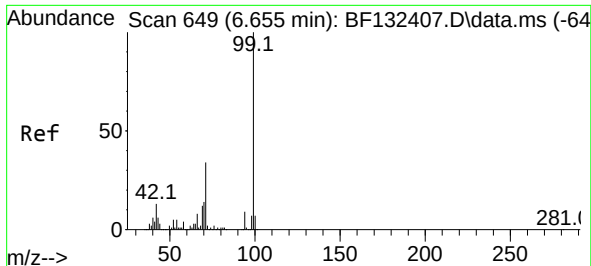
Reviewed By :Christian Giraldo 02/14/2023
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#6
Aniline
Concen: 38.478 ng m
RT: 6.701 min Scan# 657
Delta R.T. -0.001 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

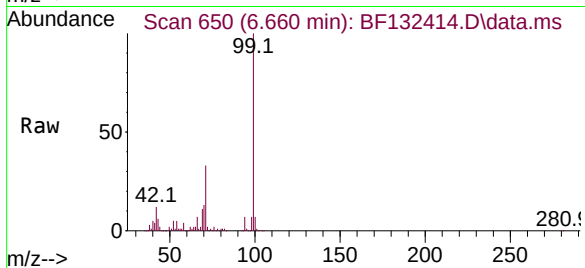
Tgt Ion: 93 Resp: 486729
Ion Ratio Lower Upper
93 100
66 32.6 25.7 38.5
65 15.8 13.1 19.7





#7
Phenol-d6
Concen: 127.298 ng
RT: 6.660 min Scan# 649
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

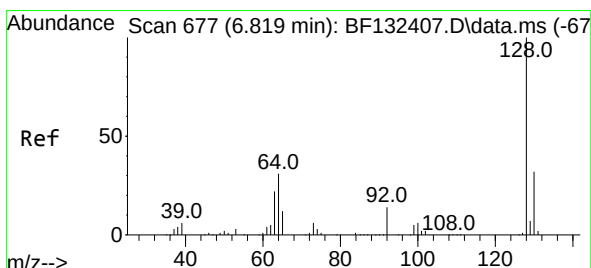
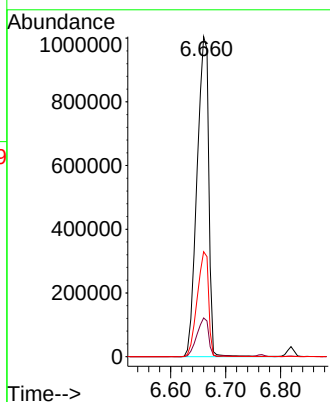
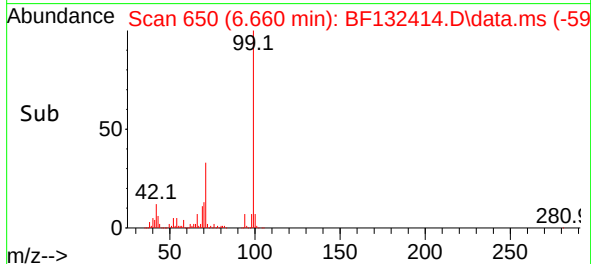
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Tgt Ion: 99 Resp: 1481180
Ion Ratio Lower Upper
99 100
42 12.1 10.1 15.1
71 32.8 26.8 40.2

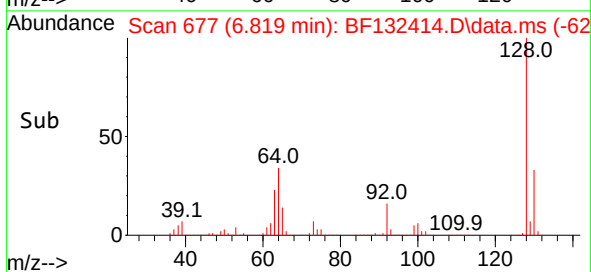
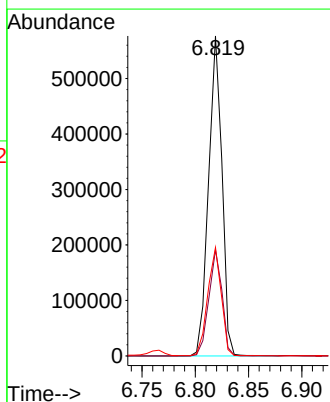
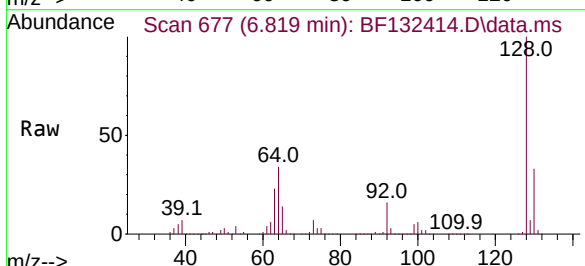
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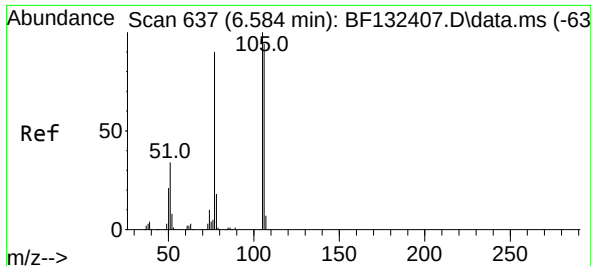
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#8
2-Chlorophenol
Concen: 45.019 ng
RT: 6.819 min Scan# 677
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

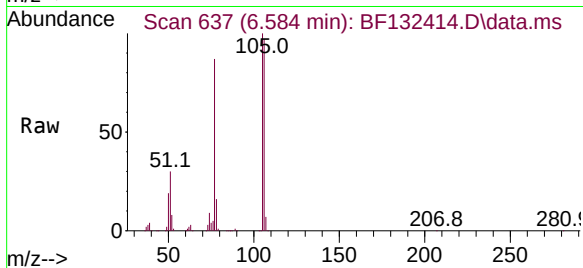
Tgt Ion:128 Resp: 503053
Ion Ratio Lower Upper
128 100
130 33.2 12.0 52.0
64 33.9 12.3 52.3





#9
Benzaldehyde
Concen: 29.047 ng
RT: 6.584 min Scan# 637
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

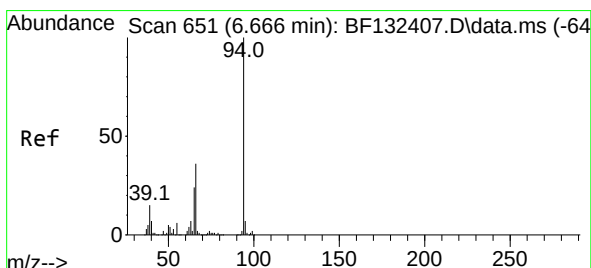
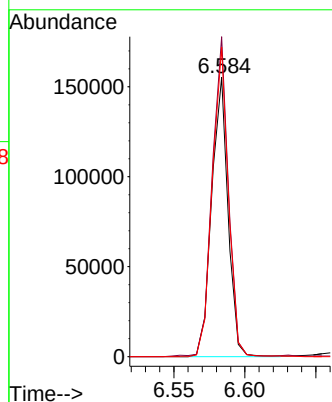
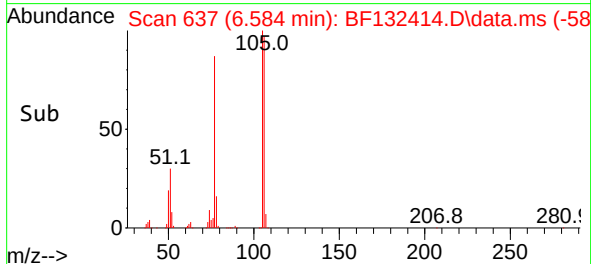
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Tgt Ion: 77 Resp: 124282
Ion Ratio Lower Upper
77 100
105 114.6 91.1 131.1
106 110.8 84.2 124.2

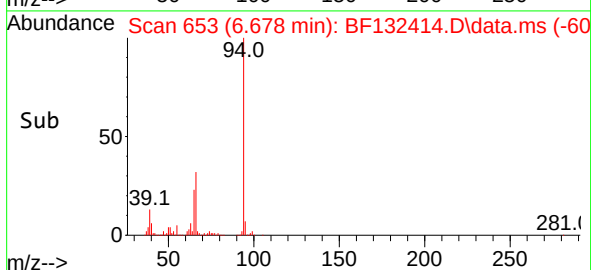
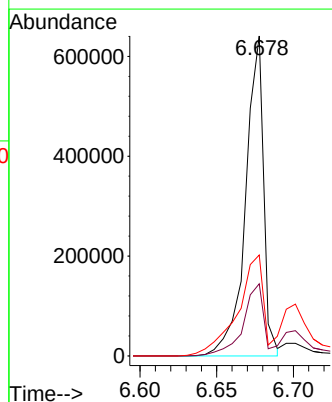
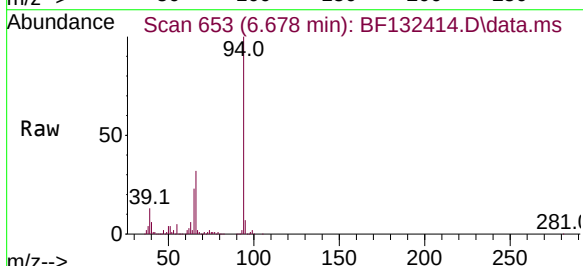
Manual Integrations
APPROVED

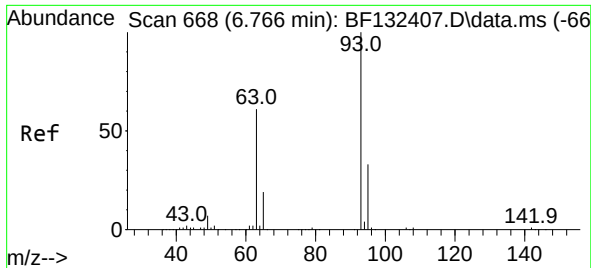
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#10
Phenol
Concen: 44.148 ng m
RT: 6.678 min Scan# 653
Delta R.T. 0.011 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

Tgt Ion: 94 Resp: 524076
Ion Ratio Lower Upper
94 100
65 22.5 4.3 44.3
66 31.5 16.2 56.2





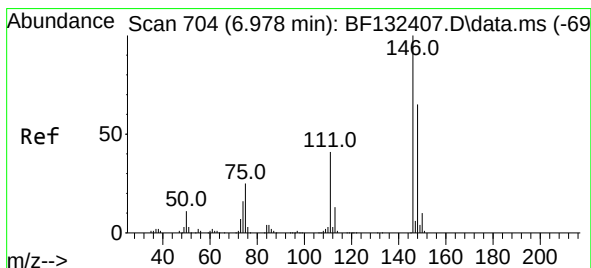
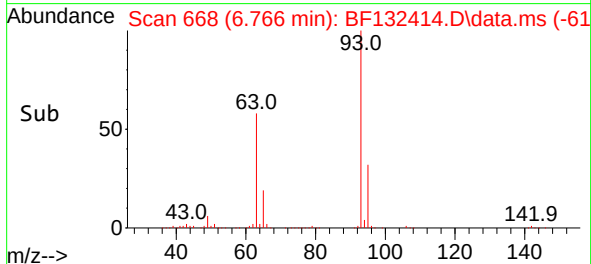
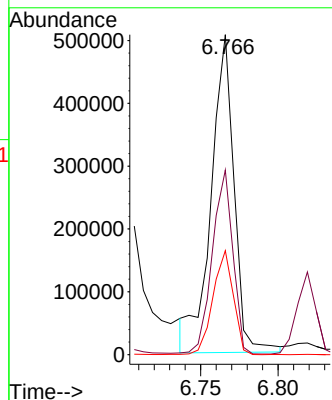
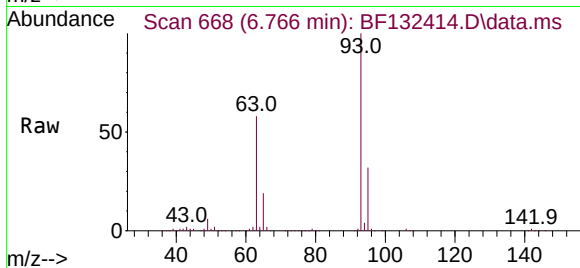
#11
bis(2-Chloroethyl)ether
Concen: 44.001 ng
RT: 6.766 min Scan# 604
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

Instrument :
BNA_F
ClientSampleId :
PB150810BSD

Tgt Ion: 93 Resp: 524832
Ion Ratio Lower Upper
93 100
63 57.7 37.9 77.9
95 32.5 11.7 51.7

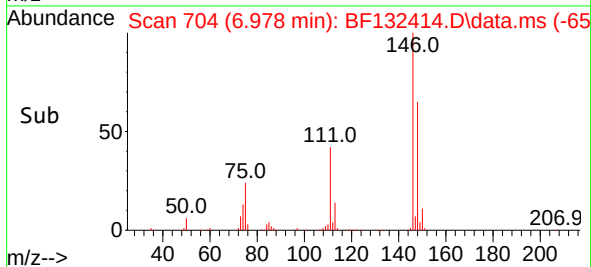
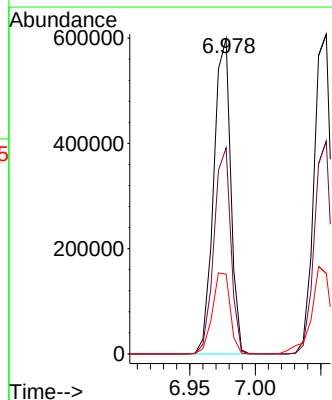
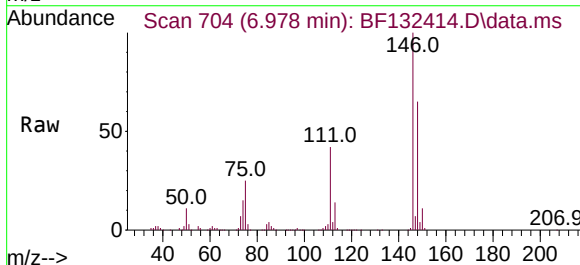
Manual Integrations
APPROVED

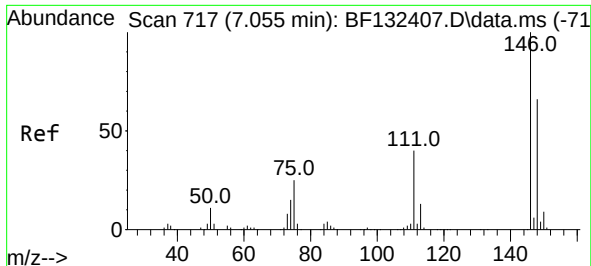
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#12
1,3-Dichlorobenzene
Concen: 44.325 ng
RT: 6.978 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

Tgt Ion:146 Resp: 542941
Ion Ratio Lower Upper
146 100
148 65.3 52.2 78.4
75 25.3 20.0 30.0





#13

1,4-Dichlorobenzene

Concen: 43.913 ng

RT: 7.054 min Scan# 717

Delta R.T. -0.000 min

Lab File: BF132414.D

Acq: 13 Feb 2023 17:28

Instrument :

BNA_F

ClientSampleId :

PB150810BSD

Tgt Ion:146 Resp: 53989

Ion Ratio Lower Upper

146 100

148 66.5 52.4 78.6

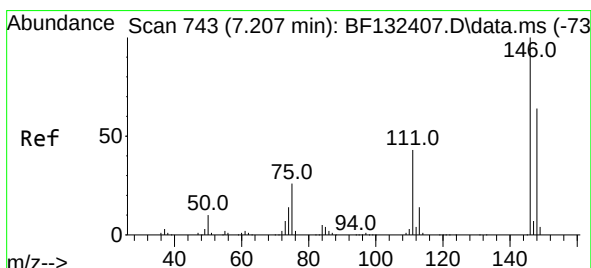
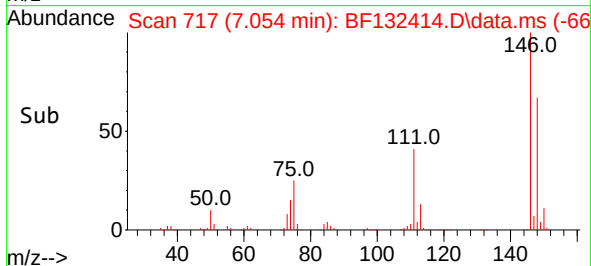
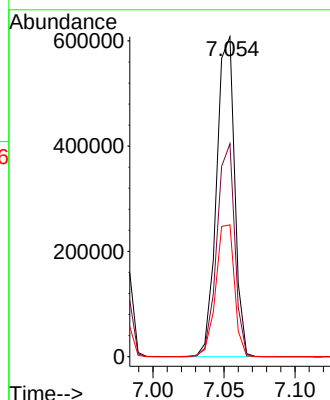
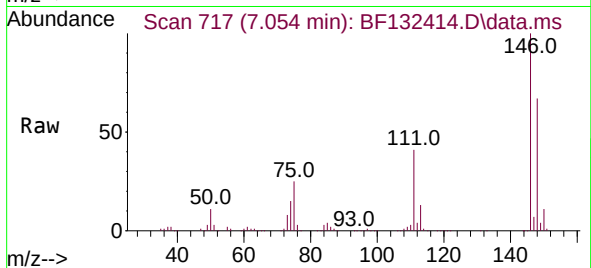
111 41.2 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#14

1,2-Dichlorobenzene

Concen: 45.540 ng

RT: 7.201 min Scan# 742

Delta R.T. -0.006 min

Lab File: BF132414.D

Acq: 13 Feb 2023 17:28

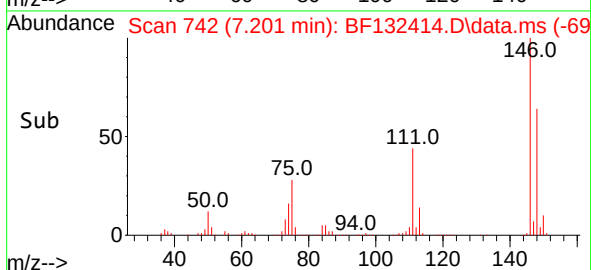
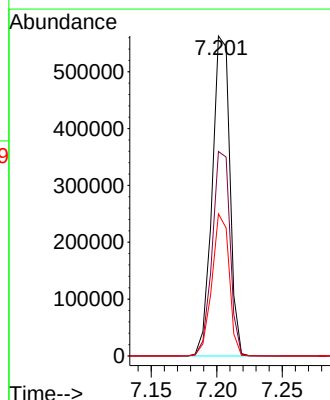
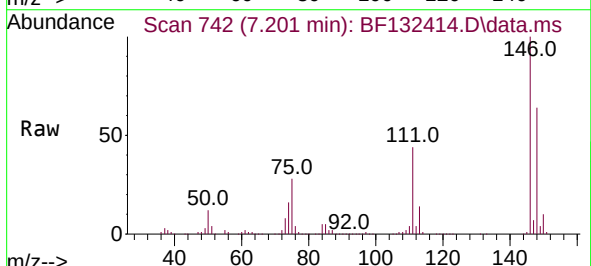
Tgt Ion:146 Resp: 526453

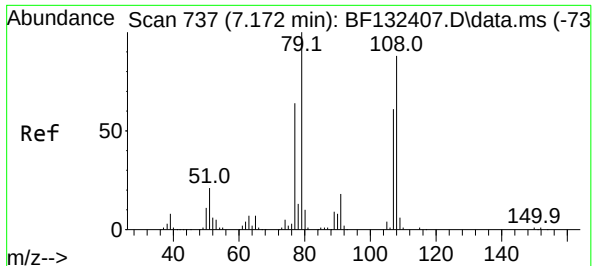
Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

111 44.4 34.2 51.4





#15

Benzyl Alcohol

Concen: 51.343 ng

RT: 7.178 min Scan# 737

Delta R.T. 0.005 min

Lab File: BF132414.D

Acq: 13 Feb 2023 17:28

Instrument :

BNA_F

ClientSampleId :

PB150810BSD

Tgt Ion: 79 Resp: 356509

Ion Ratio Lower Upper

79 100

108 86.2 70.2 105.2

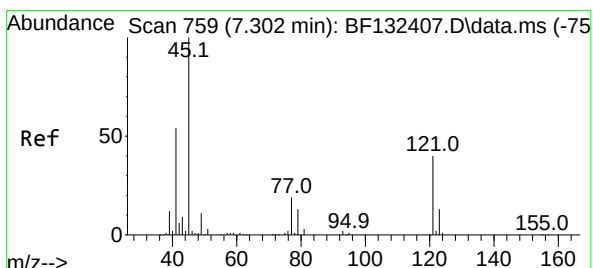
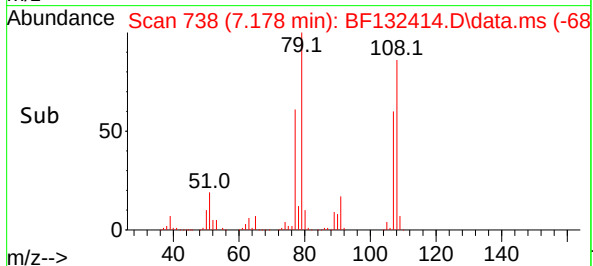
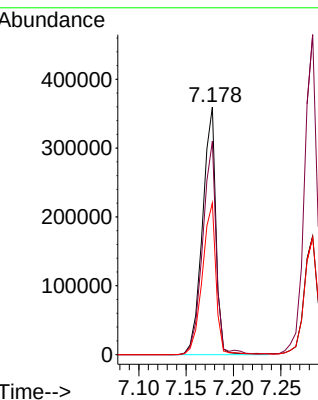
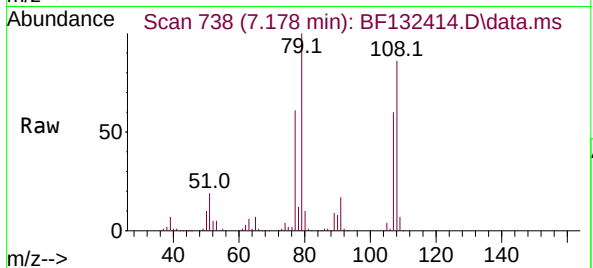
77 61.2 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.445 ng

RT: 7.301 min Scan# 759

Delta R.T. -0.000 min

Lab File: BF132414.D

Acq: 13 Feb 2023 17:28

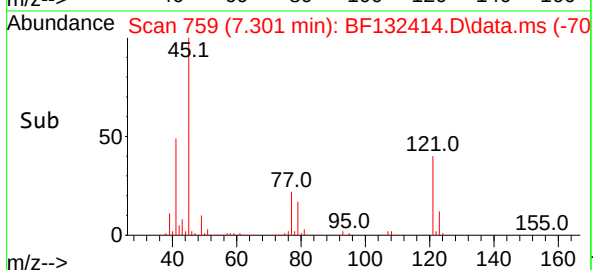
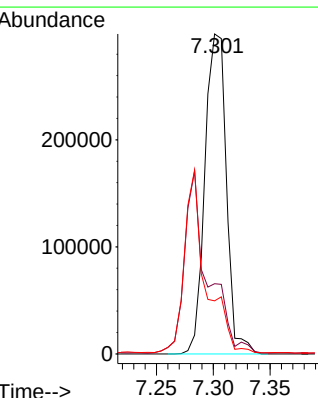
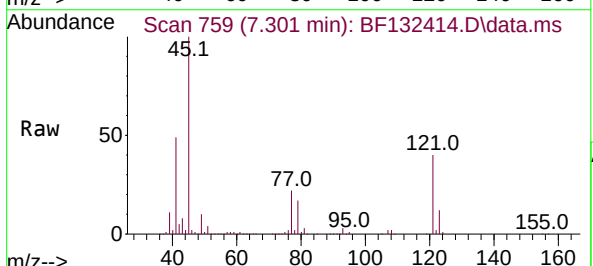
Tgt Ion: 45 Resp: 392568

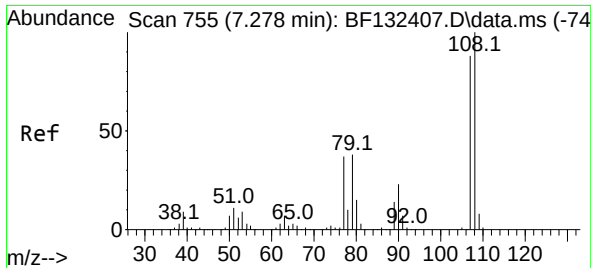
Ion Ratio Lower Upper

45 100

77 21.9 1.3 41.3

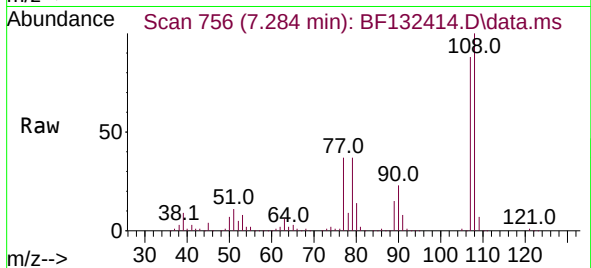
79 16.6 0.0 35.9





#17
2-Methylphenol
Concen: 38.113 ng
RT: 7.284 min Scan# 755
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

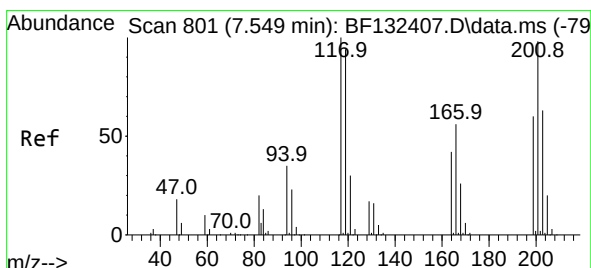
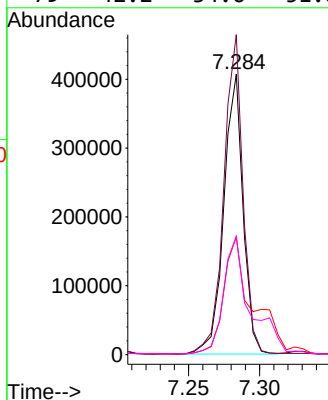
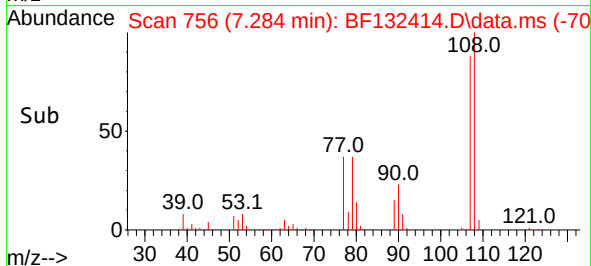
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



Tgt Ion:107 Resp: 384217
Ion Ratio Lower Upper
107 100
108 114.1 90.6 135.8
77 41.9 33.8 50.8
79 42.2 34.6 51.8

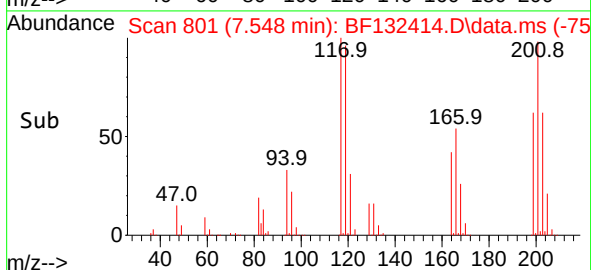
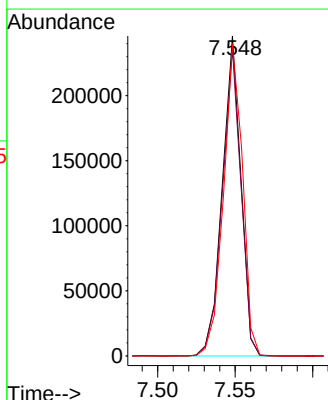
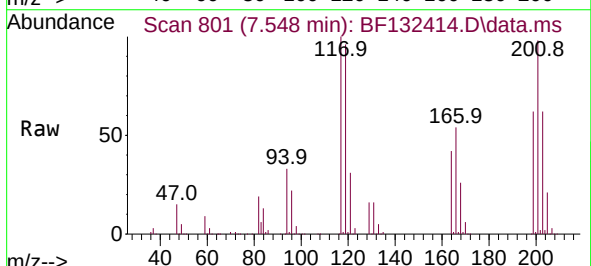
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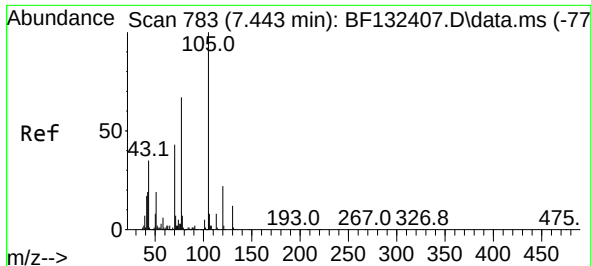
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#18
Hexachloroethane
Concen: 42.152 ng
RT: 7.548 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

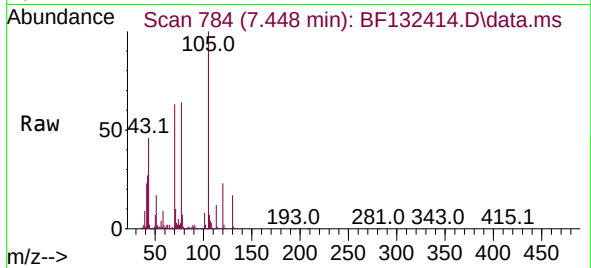
Tgt Ion:117 Resp: 205595
Ion Ratio Lower Upper
117 100
119 95.9 75.3 112.9
201 97.6 78.7 118.1





#19
n-Nitroso-di-n-propylamine
Concen: 39.386 ng
RT: 7.448 min Scan# 783
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

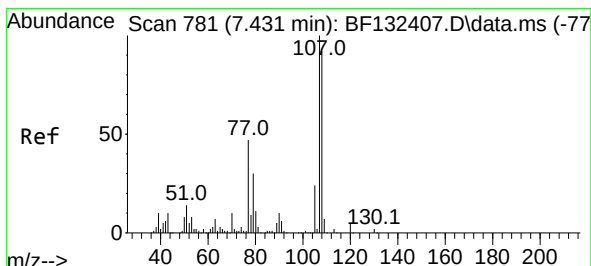
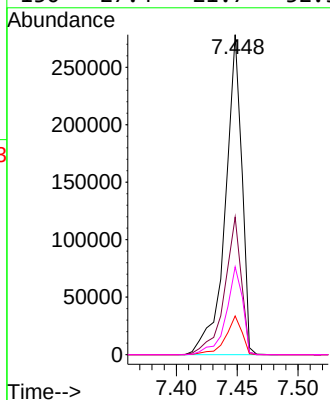
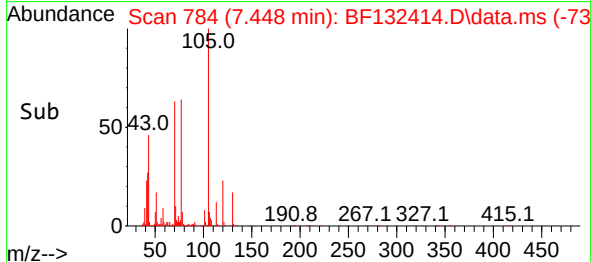
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



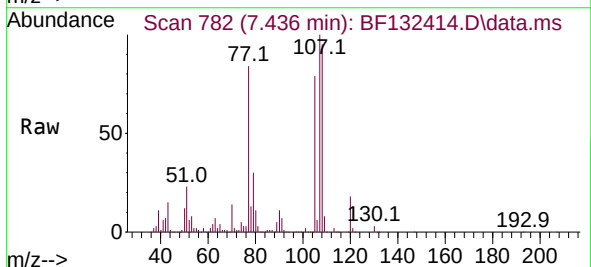
Tgt Ion: 70 Resp: 261505
Ion Ratio Lower Upper
70 100
42 43.0 36.0 54.0
101 12.1 9.4 14.2
130 27.4 21.7 32.5

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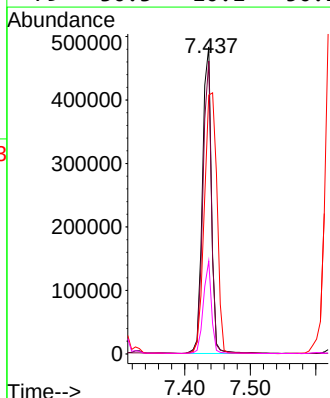
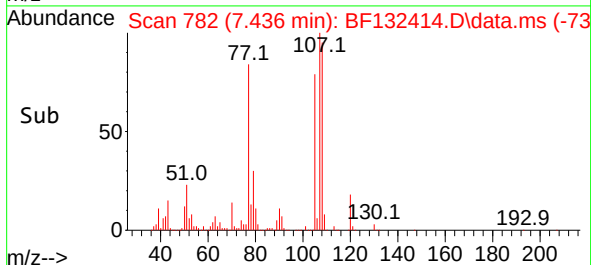
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

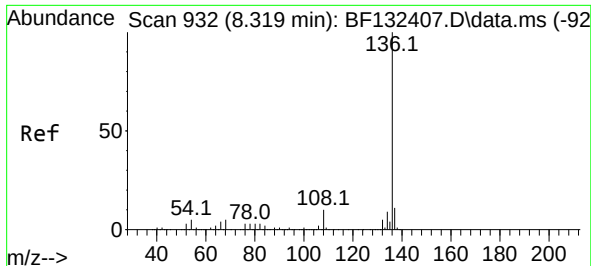


#20
3+4-Methylphenols
Concen: 35.978 ng
RT: 7.436 min Scan# 782
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28



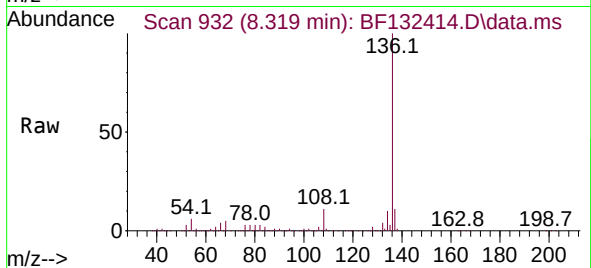
Tgt Ion:107 Resp: 455714
Ion Ratio Lower Upper
107 100
108 95.4 72.0 112.0
77 84.3 27.4 67.4#
79 30.3 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 932
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

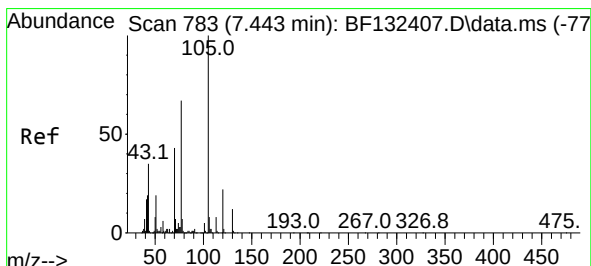
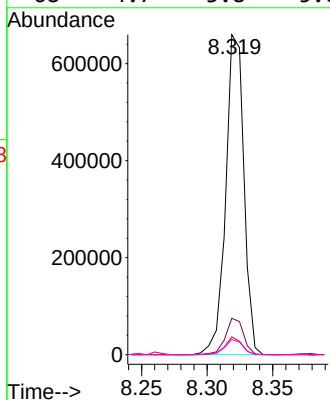
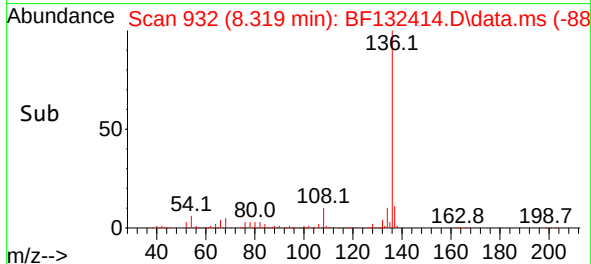
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



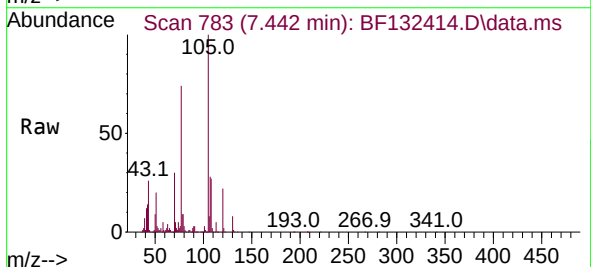
Tgt Ion:136 Resp: 636026
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 5.5 4.2 6.2
68 4.7 3.8 5.6

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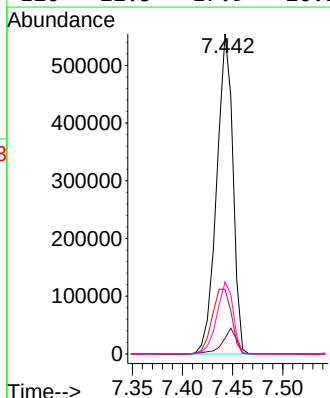
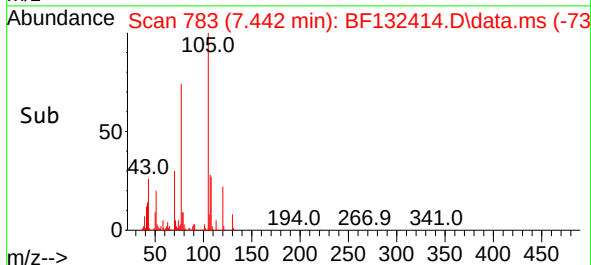
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

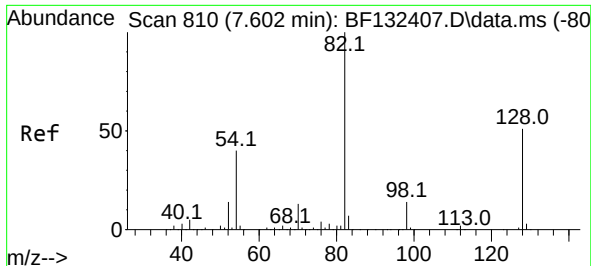


#22
Acetophenone
Concen: 42.282 ng
RT: 7.442 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28



Tgt Ion:105 Resp: 626911
Ion Ratio Lower Upper
105 100
71 4.9 5.4 8.2#
51 20.1 14.9 22.3
120 22.5 17.9 26.9





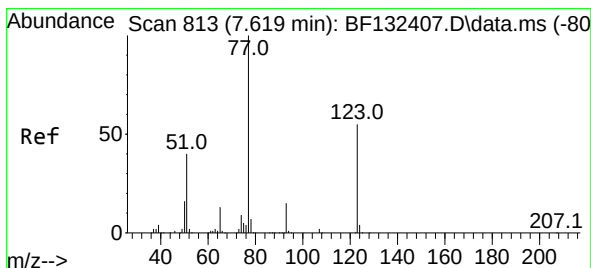
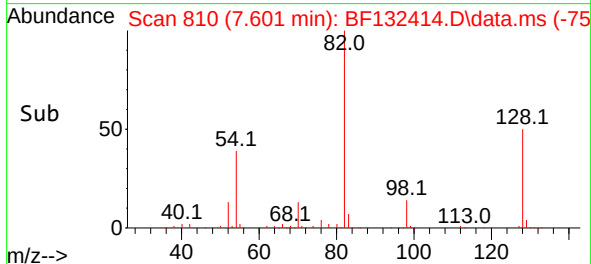
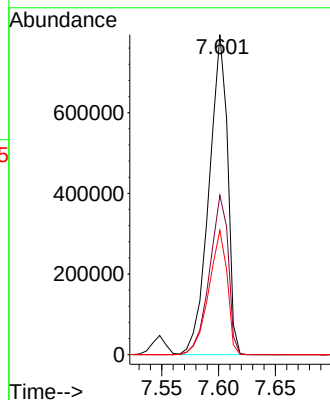
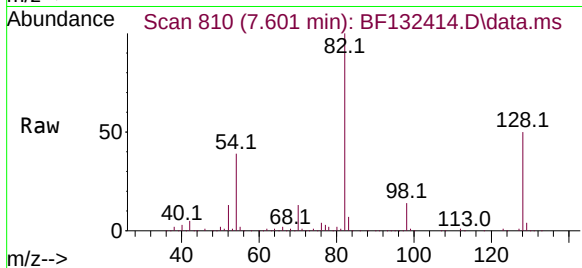
#23
Nitrobenzene-d5
Concen: 84.697 ng
RT: 7.601 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

Instrument :
BNA_F
ClientSampleId :
PB150810BSD

Tgt Ion: 82 Resp: 903004
Ion Ratio Lower Upper
82 100
128 49.8 40.7 61.1
54 38.8 32.3 48.5

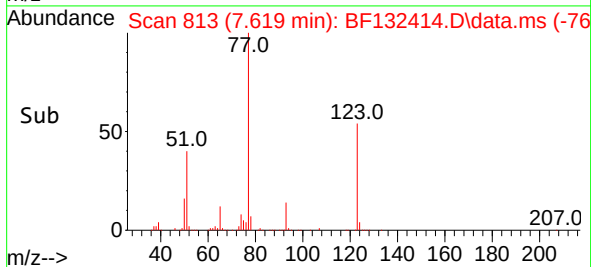
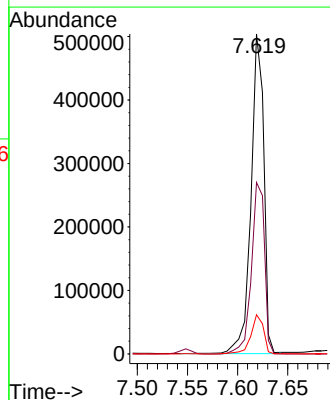
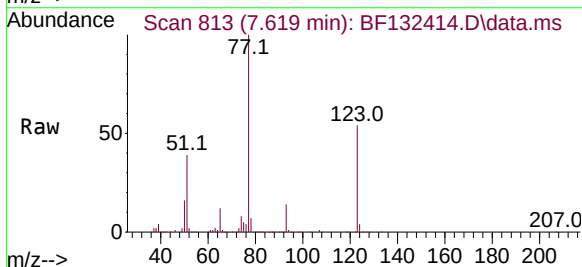
Manual Integrations
APPROVED

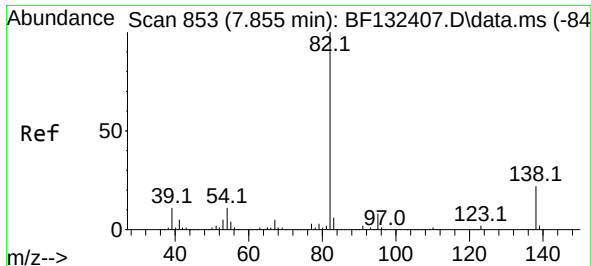
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#24
Nitrobenzene
Concen: 42.020 ng
RT: 7.619 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

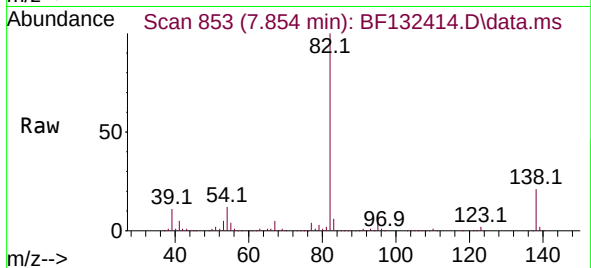
Tgt Ion: 77 Resp: 445859
Ion Ratio Lower Upper
77 100
123 53.6 43.6 65.4
65 12.2 10.3 15.5





#25
Isophorone
Concen: 44.106 ng
RT: 7.854 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

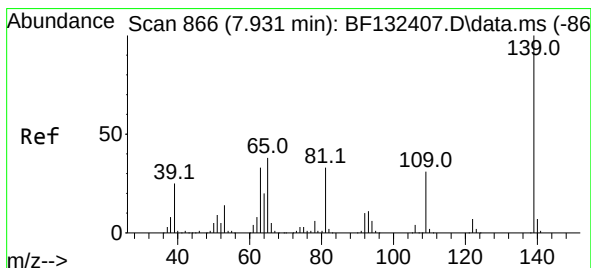
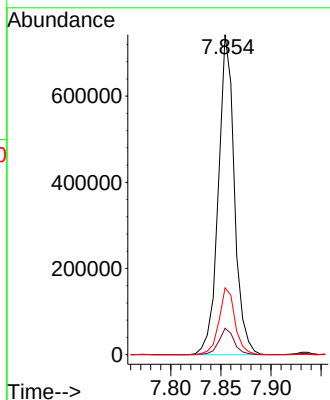
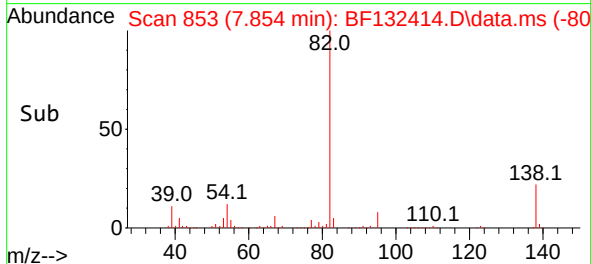
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



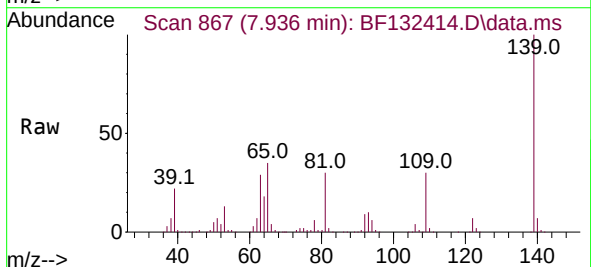
Tgt Ion: 82 Resp: 828453
Ion Ratio Lower Upper
82 100
95 8.2 6.6 9.8
138 20.9 17.2 25.8

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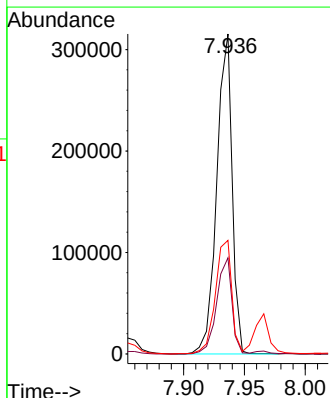
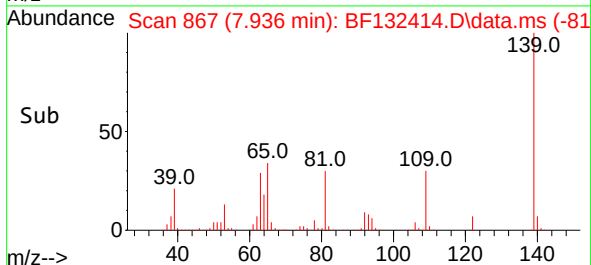
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

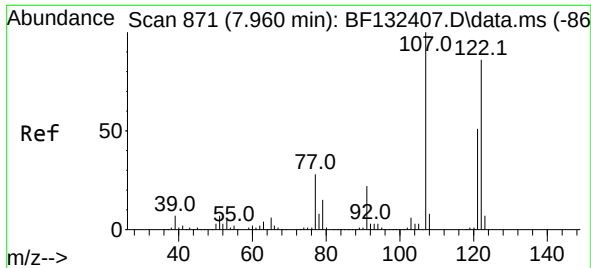


#26
2-Nitrophenol
Concen: 47.302 ng
RT: 7.936 min Scan# 867
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28



Tgt Ion:139 Resp: 275427
Ion Ratio Lower Upper
139 100
109 30.0 25.2 37.8
65 35.5 30.6 45.8





#27

2,4-Dimethylphenol

Concen: 45.592 ng

RT: 7.966 min Scan# 871

Delta R.T. 0.005 min

Lab File: BF132414.D

Acq: 13 Feb 2023 17:28

Instrument :

BNA_F

ClientSampleId :

PB150810BSD

Tgt Ion:122 Resp: 432828

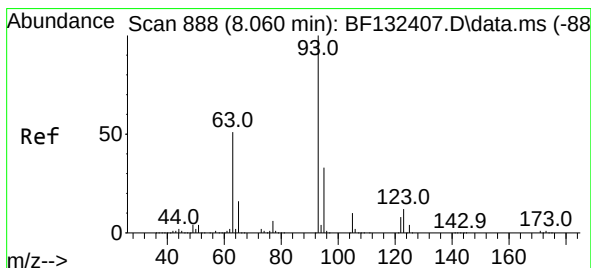
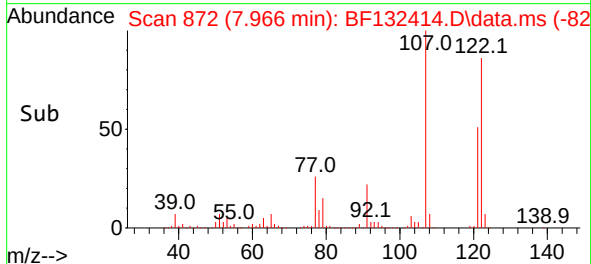
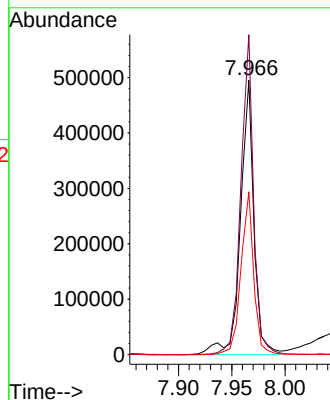
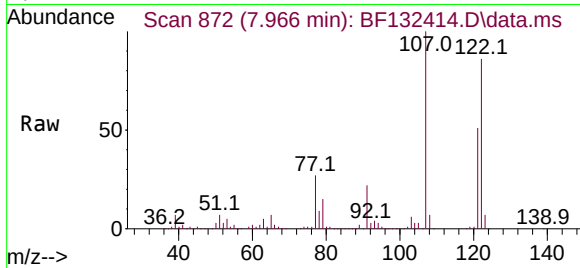
Ion	Ratio	Lower	Upper
122	100		
107	116.6	93.2	139.8
121	59.4	47.4	71.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.971 ng

RT: 8.060 min Scan# 888

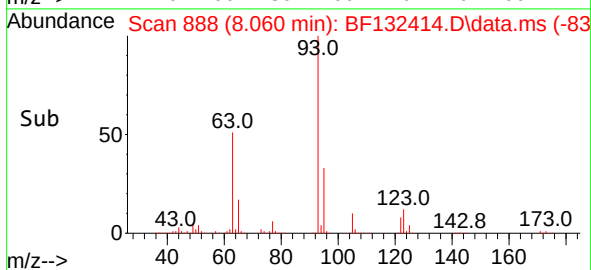
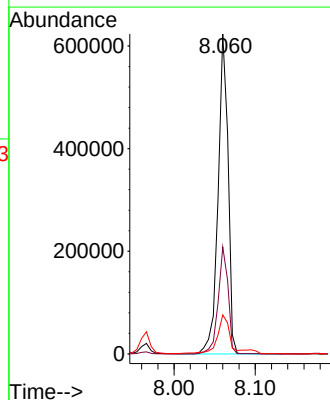
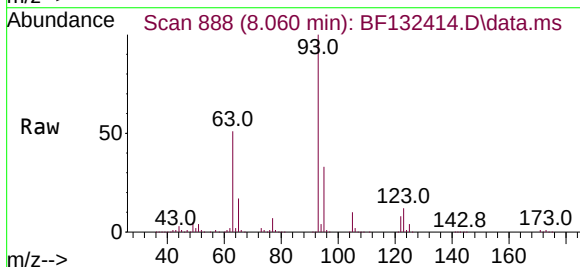
Delta R.T. -0.000 min

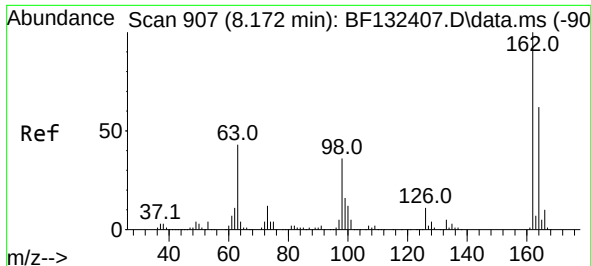
Lab File: BF132414.D

Acq: 13 Feb 2023 17:28

Tgt Ion: 93 Resp: 533825

Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.2	39.2
123	12.2	10.0	15.0





#29

2,4-Dichlorophenol

Concen: 43.258 ng

RT: 8.178 min Scan# 907

Delta R.T. 0.005 min

Lab File: BF132414.D

Acq: 13 Feb 2023 17:28

Instrument :

BNA_F

ClientSampleId :

PB150810BSD

Tgt Ion:162 Resp: 40634

Ion Ratio Lower Upper

162 100

164 64.6 42.4 82.4

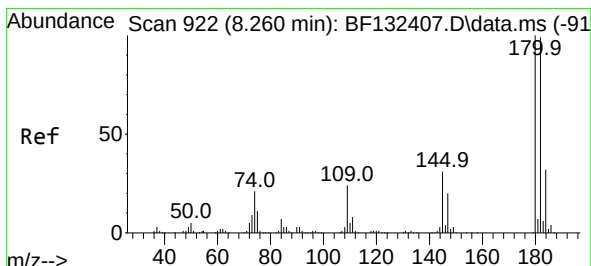
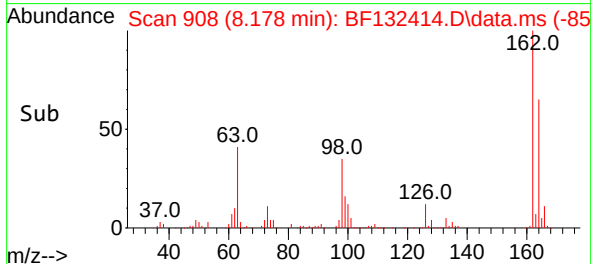
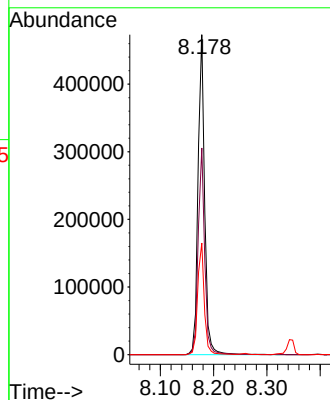
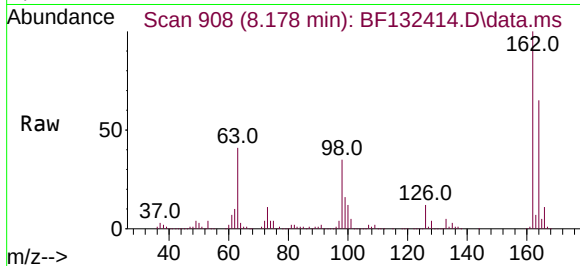
98 34.9 16.4 56.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.935 ng

RT: 8.260 min Scan# 922

Delta R.T. -0.000 min

Lab File: BF132414.D

Acq: 13 Feb 2023 17:28

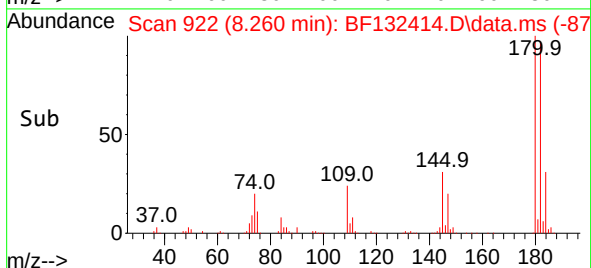
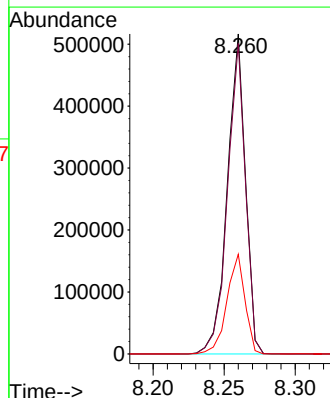
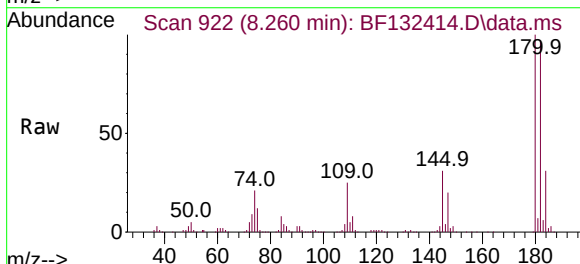
Tgt Ion:180 Resp: 458051

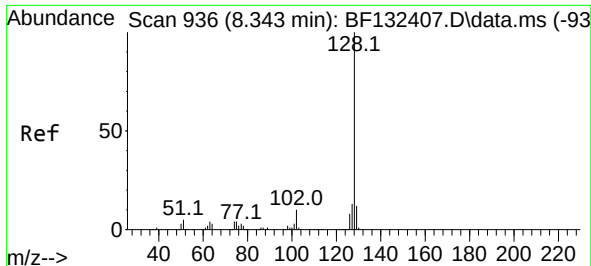
Ion Ratio Lower Upper

180 100

182 97.0 79.0 118.6

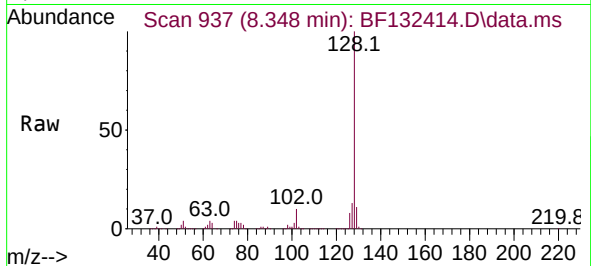
145 31.1 24.9 37.3





#31
Naphthalene
Concen: 40.256 ng
RT: 8.348 min Scan# 936
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

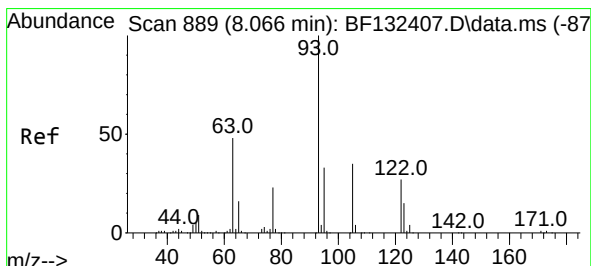
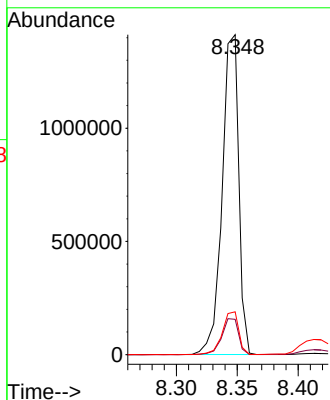
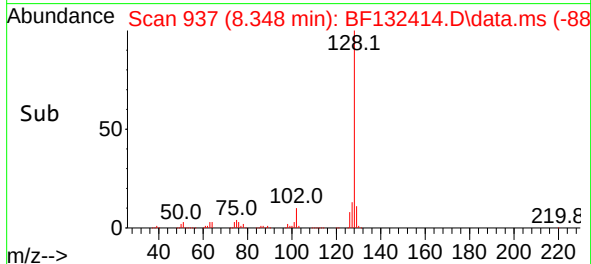
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



Tgt Ion:128 Resp: 1342050
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.4 10.5 15.7

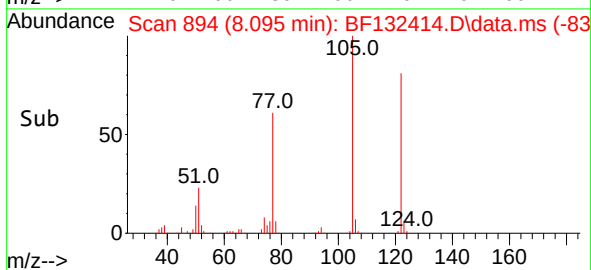
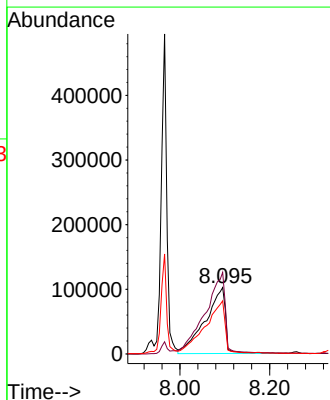
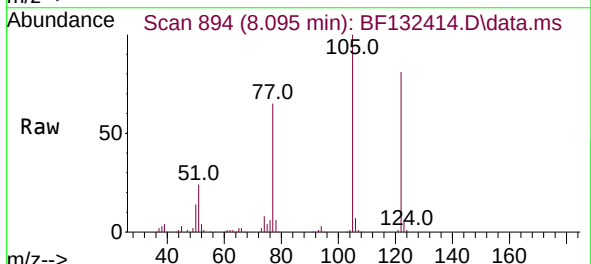
Manual Integrations
APPROVED

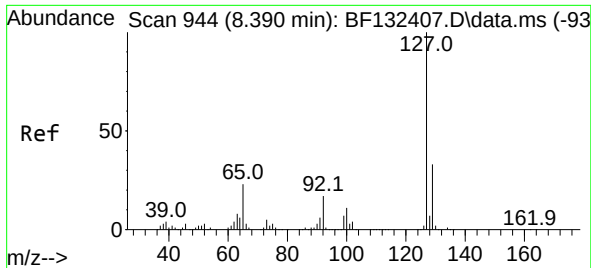
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#32
Benzoic acid
Concen: 64.508 ng
RT: 8.095 min Scan# 894
Delta R.T. 0.029 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

Tgt Ion:122 Resp: 321389
Ion Ratio Lower Upper
122 100
105 122.9 101.9 141.9
77 79.9 61.1 101.1





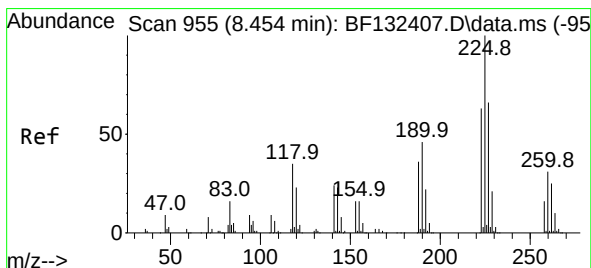
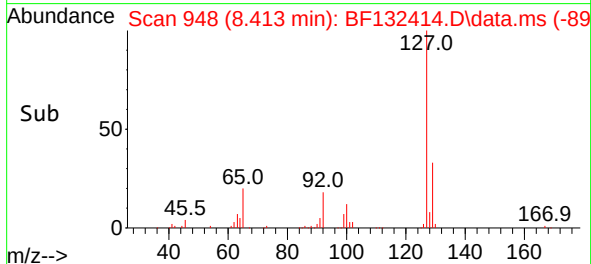
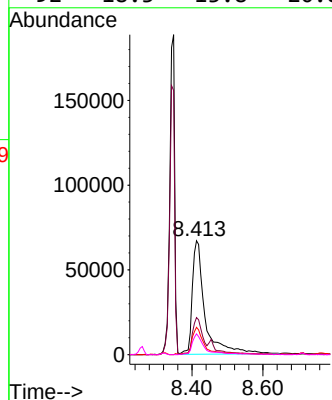
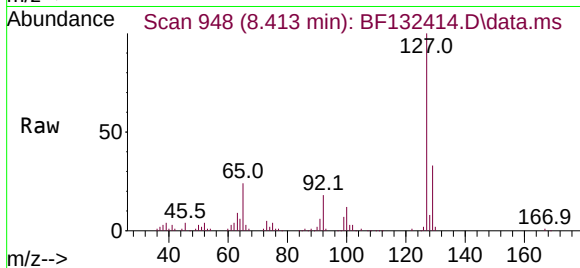
#33
4-Chloroaniline
Concen: 13.642 ng
RT: 8.413 min Scan# 944
Delta R.T. 0.023 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

Instrument :
BNA_F
ClientSampleId :
PB150810BSD

Tgt Ion:127 Resp: 167203
Ion Ratio Lower Upper
127 100
129 32.5 26.3 39.5
65 24.0 18.0 27.0
92 18.3 13.8 20.8

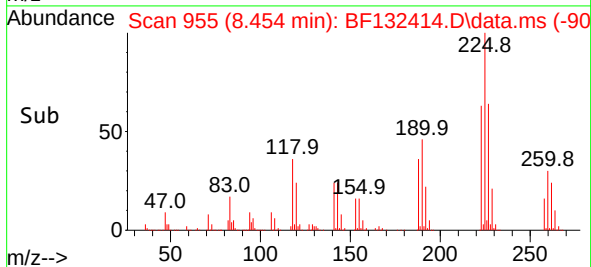
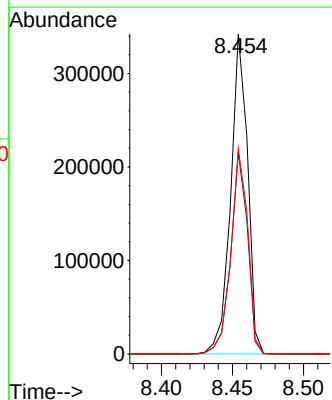
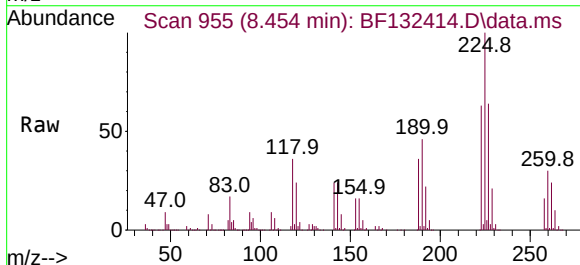
Manual Integrations
APPROVED

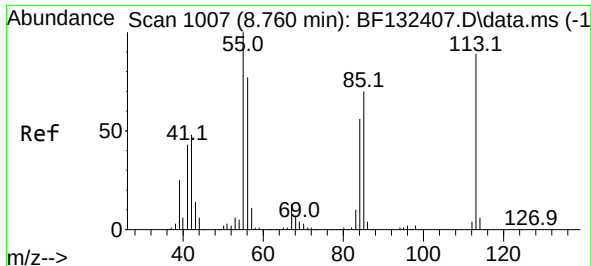
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#34
Hexachlorobutadiene
Concen: 41.468 ng
RT: 8.454 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

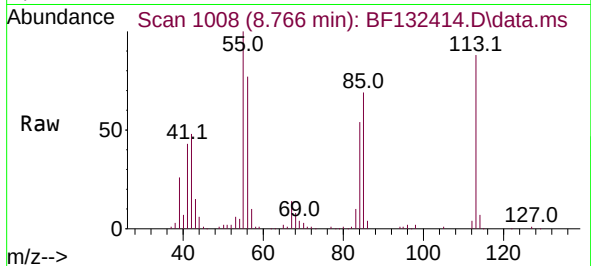
Tgt Ion:225 Resp: 282417
Ion Ratio Lower Upper
225 100
223 62.8 50.2 75.4
227 64.2 53.0 79.4





#35
Caprolactam
Concen: 44.738 ng m
RT: 8.766 min Scan# 1007
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

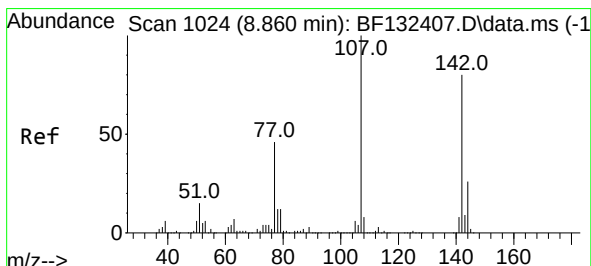
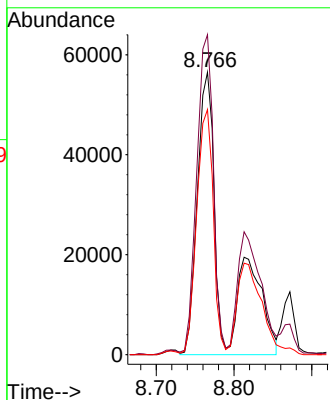
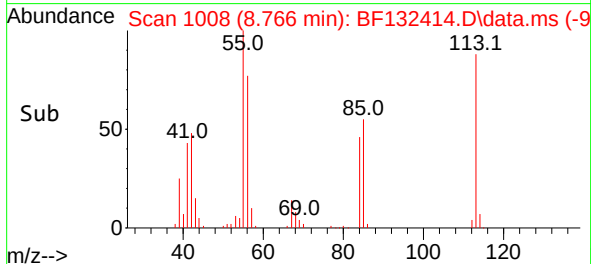
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



Tgt Ion:113 Resp: 125907
Ion Ratio Lower Upper
113 100
55 113.4 92.5 132.5
56 86.8 66.6 106.6

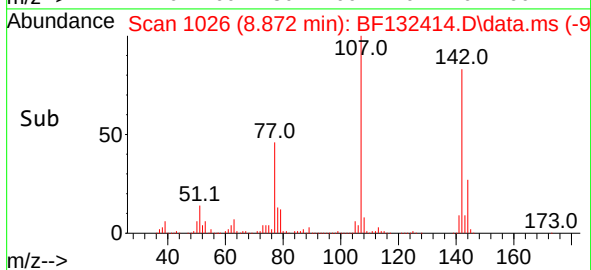
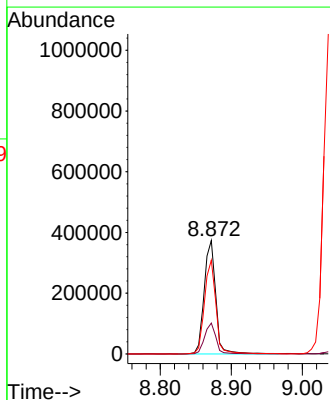
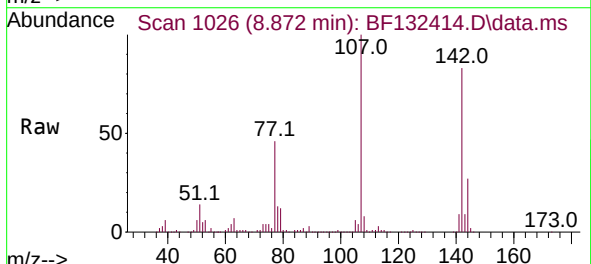
Manual Integrations
APPROVED

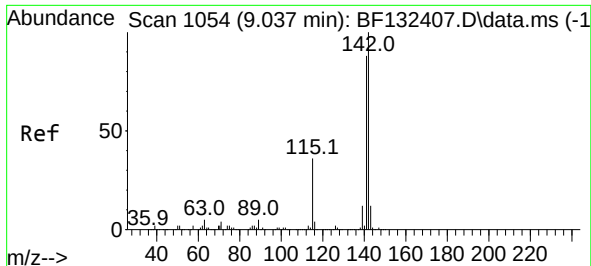
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#36
4-Chloro-3-methylphenol
Concen: 41.364 ng
RT: 8.872 min Scan# 1026
Delta R.T. 0.011 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

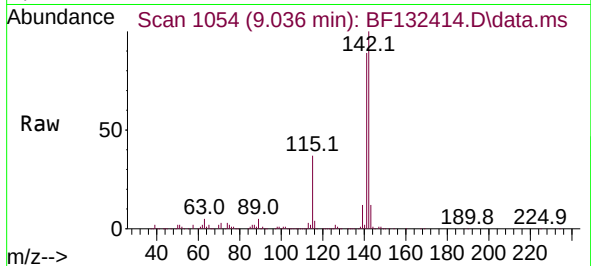
Tgt Ion:107 Resp: 418726
Ion Ratio Lower Upper
107 100
144 27.1 20.8 31.2
142 82.5 63.9 95.9





#37
2-Methylnaphthalene
Concen: 34.264 ng
RT: 9.036 min Scan# 1054
Delta R.T. -0.001 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

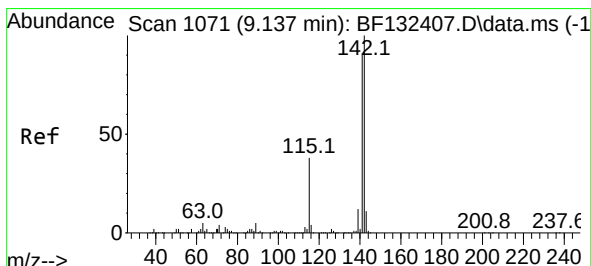
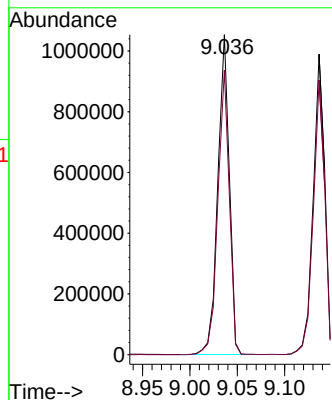
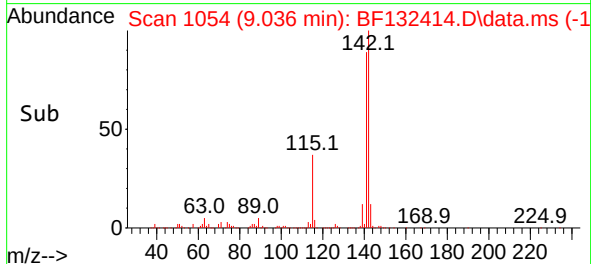
Instrument : BNA_F
ClientSampleId : PB150810BSD



Tgt Ion:142 Resp: 891395
Ion Ratio Lower Upper
142 100
141 88.9 70.6 106.0

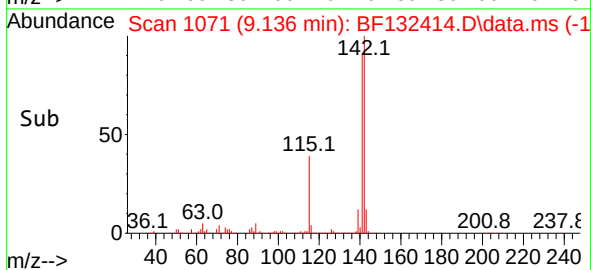
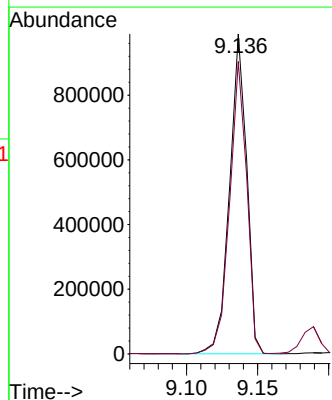
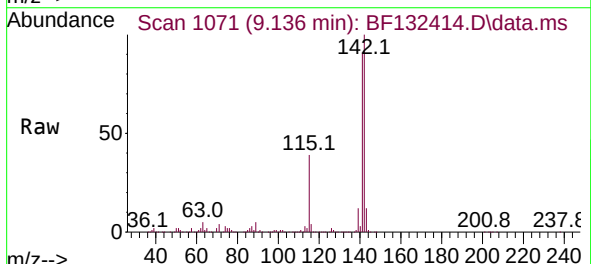
Manual Integrations
APPROVED

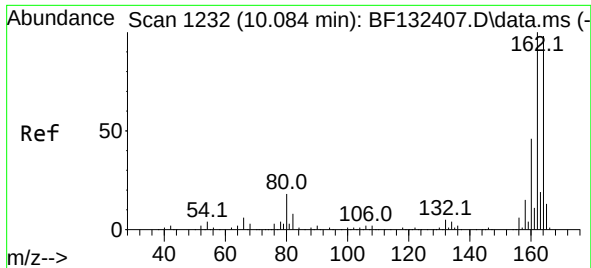
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#38
1-Methylnaphthalene
Concen: 33.884 ng
RT: 9.136 min Scan# 1071
Delta R.T. -0.001 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

Tgt Ion:142 Resp: 831982
Ion Ratio Lower Upper
142 100
141 91.4 72.7 109.1





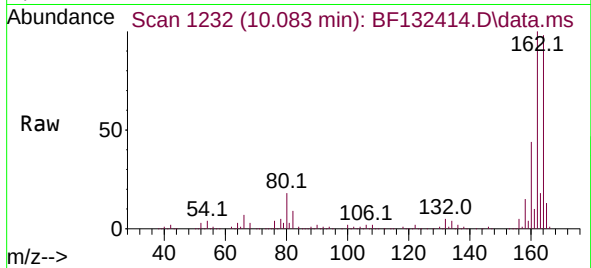
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.083 min Scan# 1232
Delta R.T. -0.001 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

Instrument :

BNA_F

ClientSampleId :

PB150810BSD

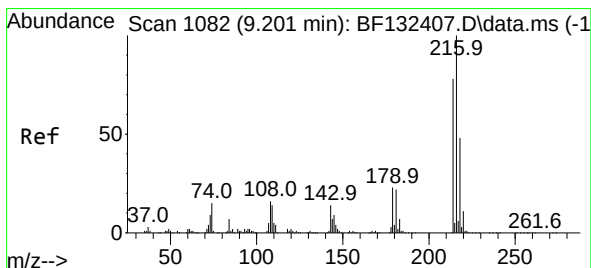
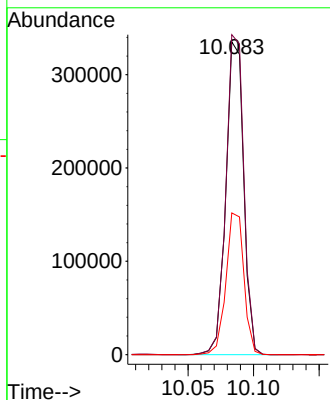
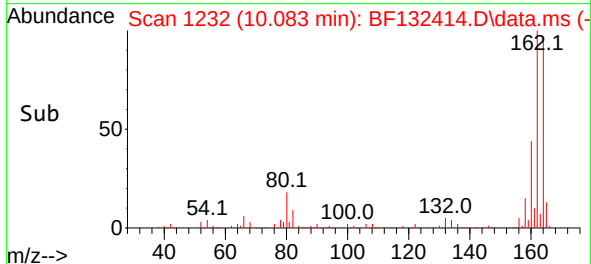


Tgt Ion:164 Resp: 317880
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 45.3 37.4 56.0

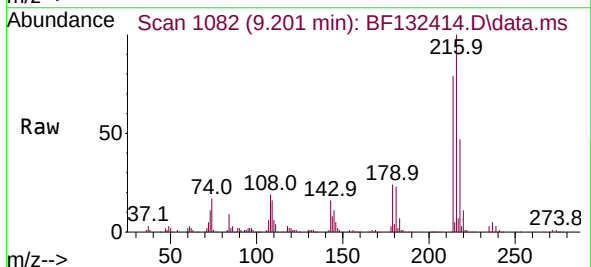
Manual Integrations

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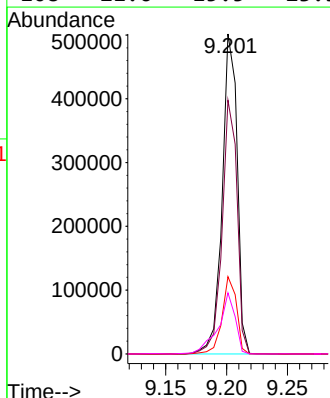
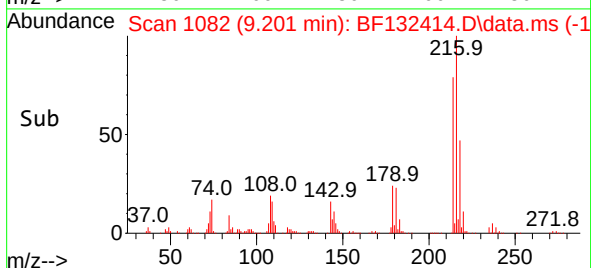
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

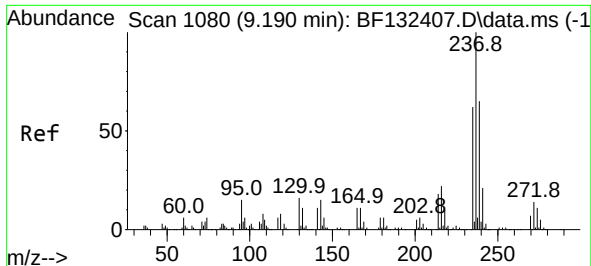


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.891 ng
RT: 9.201 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28



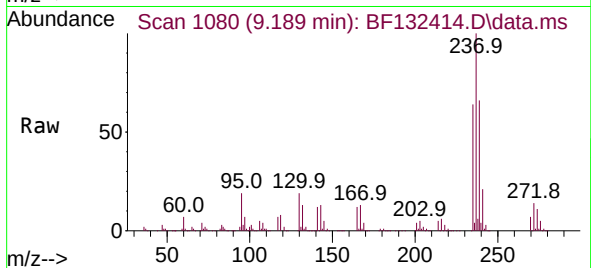
Tgt Ion:216 Resp: 430144
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 23.1 18.1 27.1
108 21.6 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 97.785 ng
RT: 9.189 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

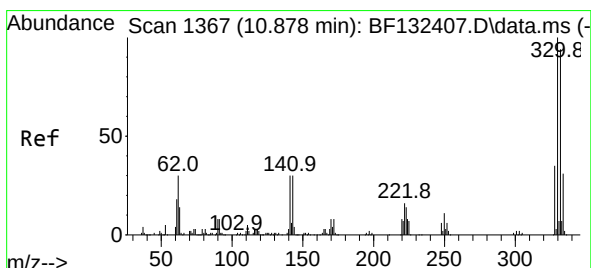
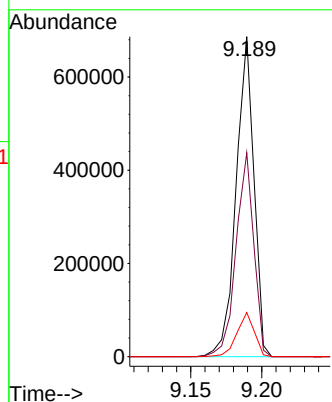
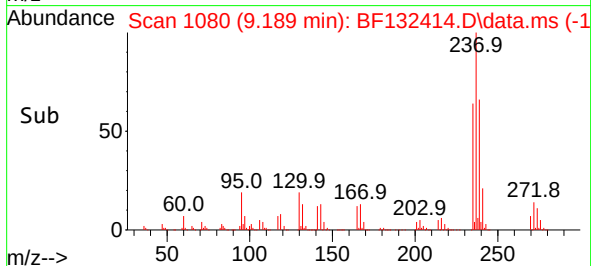
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



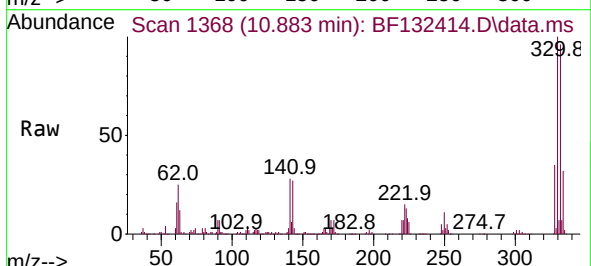
Tgt Ion:237 Resp: 597052
Ion Ratio Lower Upper
237 100
235 63.7 42.4 82.4
272 13.8 0.0 33.8

Manual Integrations
APPROVED

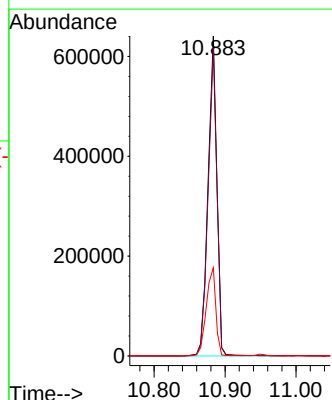
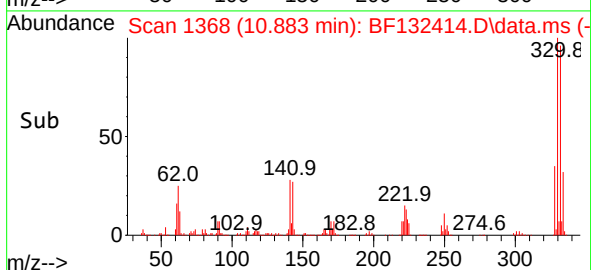
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

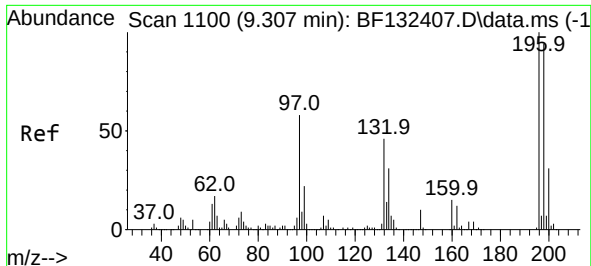


#42
2,4,6-Tribromophenol
Concen: 130.050 ng
RT: 10.883 min Scan# 1368
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28



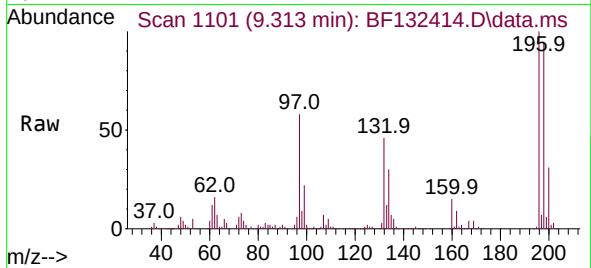
Tgt Ion:330 Resp: 550135
Ion Ratio Lower Upper
330 100
332 95.9 76.7 115.1
141 29.8 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 43.773 ng
RT: 9.313 min Scan# 1100
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

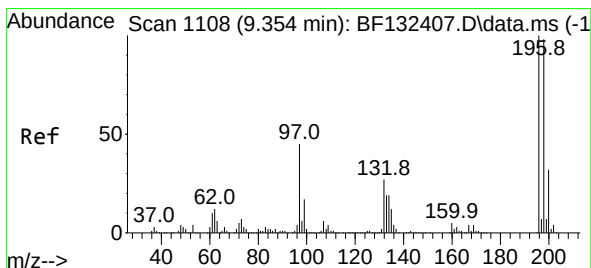
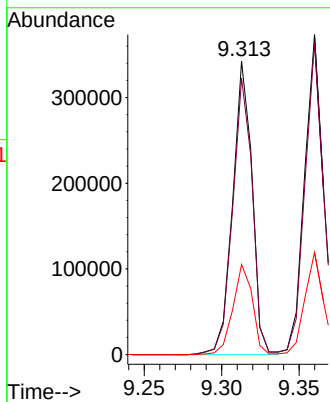
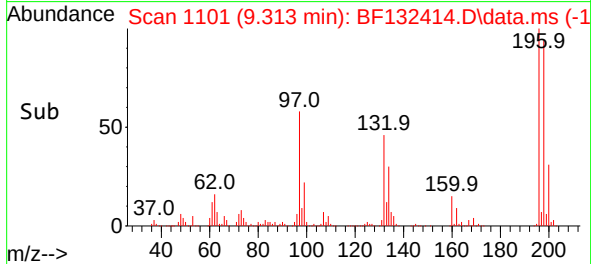
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



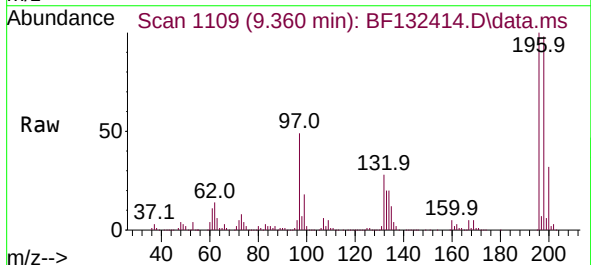
Tgt Ion:196 Resp: 298110
Ion Ratio Lower Upper
196 100
198 94.2 75.1 112.7
200 30.7 24.6 37.0

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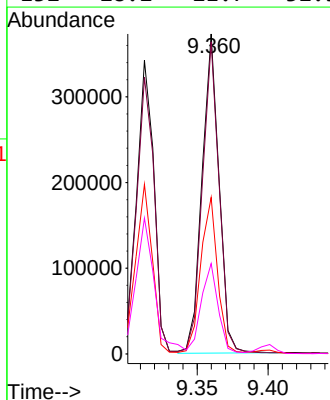
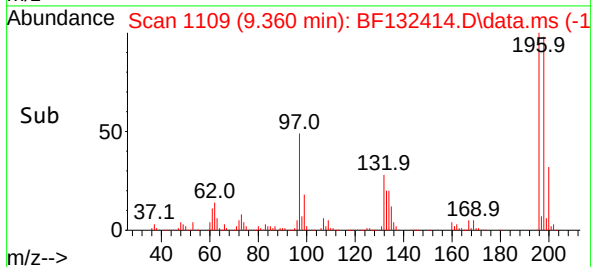
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

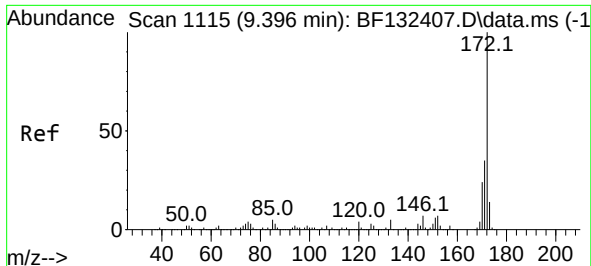


#44
2,4,5-Trichlorophenol
Concen: 39.718 ng
RT: 9.360 min Scan# 1109
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28



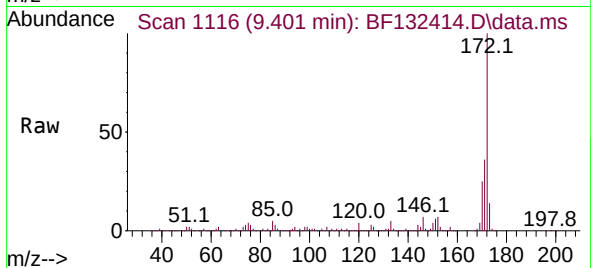
Tgt Ion:196 Resp: 309815
Ion Ratio Lower Upper
196 100
198 97.5 78.0 117.0
97 48.9 35.6 53.4
132 28.2 21.7 32.5





#45
2-Fluorobiphenyl
Concen: 79.089 ng
RT: 9.401 min Scan# 1116
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

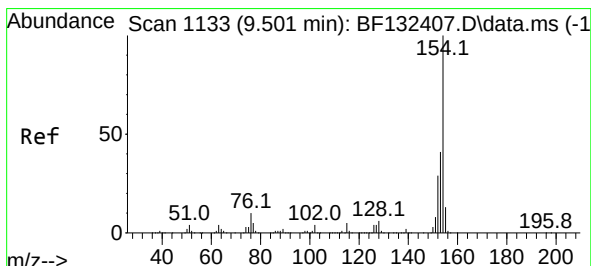
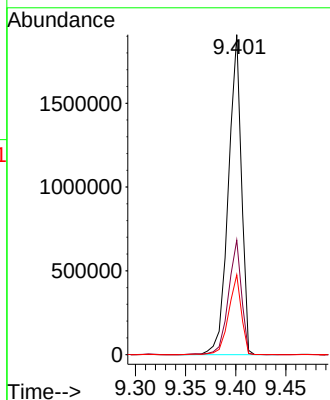
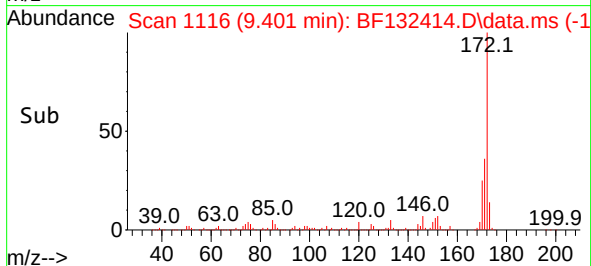
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



Tgt Ion:172 Resp: 1736610
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 24.9 19.3 28.9

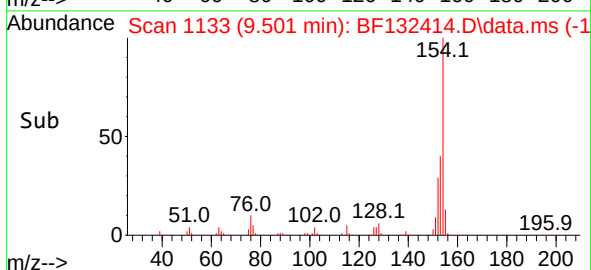
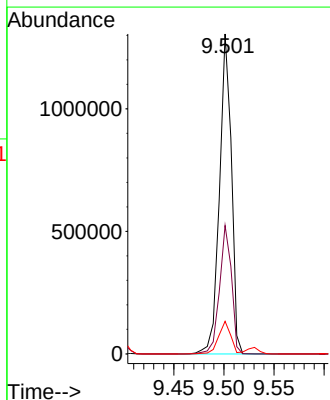
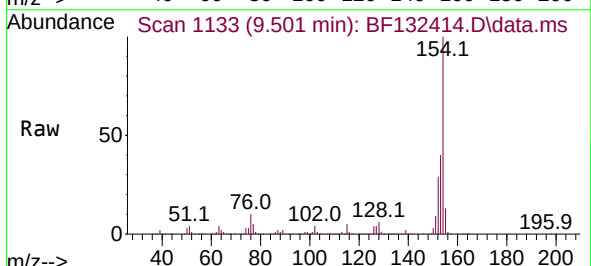
Manual Integrations
APPROVED

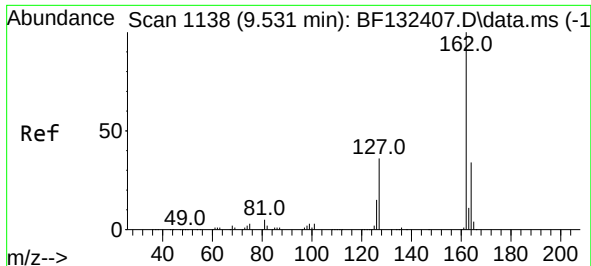
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#46
1,1'-Biphenyl
Concen: 41.725 ng
RT: 9.501 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

Tgt Ion:154 Resp: 1081799
Ion Ratio Lower Upper
154 100
153 40.1 20.6 60.6
76 10.2 0.0 29.8





#47

2-Chloronaphthalene

Concen: 42.341 ng

RT: 9.530 min Scan# 1138

Delta R.T. -0.001 min

Lab File: BF132414.D

Acq: 13 Feb 2023 17:28

Instrument :

BNA_F

ClientSampleId :

PB150810BSD

Tgt Ion:162 Resp: 83983

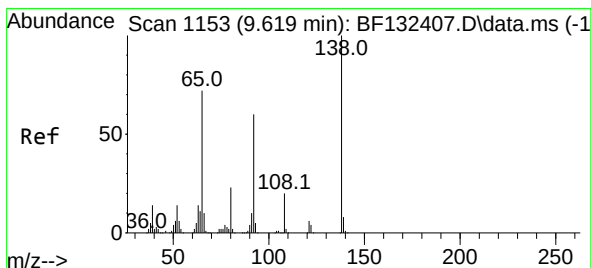
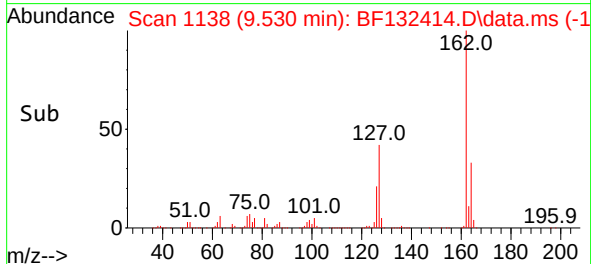
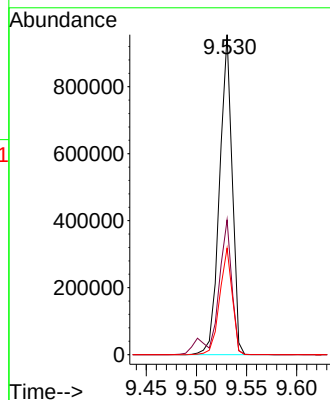
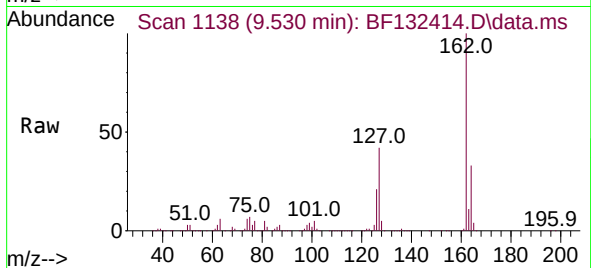
Ion	Ratio	Lower	Upper
162	100		
127	42.1	31.6	47.4
164	33.3	26.8	40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#48

2-Nitroaniline

Concen: 42.760 ng

RT: 9.625 min Scan# 1154

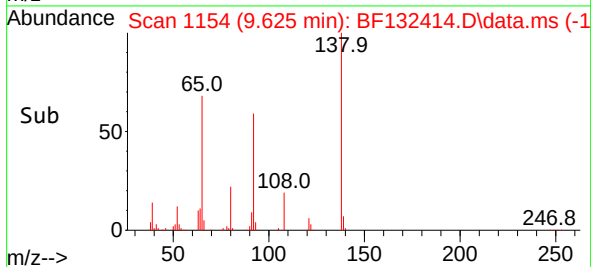
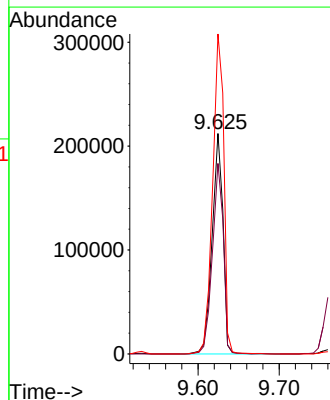
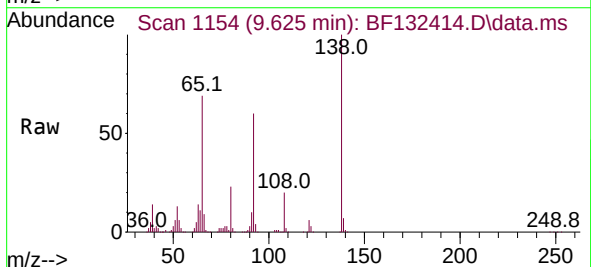
Delta R.T. 0.005 min

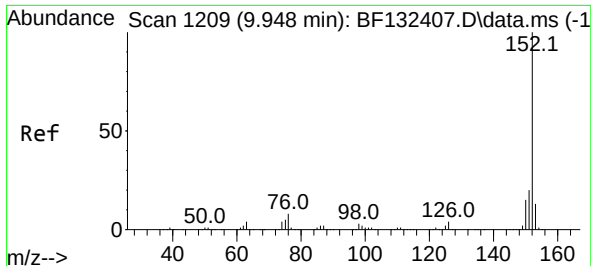
Lab File: BF132414.D

Acq: 13 Feb 2023 17:28

Tgt Ion: 65 Resp: 197921

Ion	Ratio	Lower	Upper
65	100		
92	86.5	67.2	100.8
138	145.2	111.2	166.8





#49

Acenaphthylene

Concen: 40.921 ng

RT: 9.948 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF132414.D

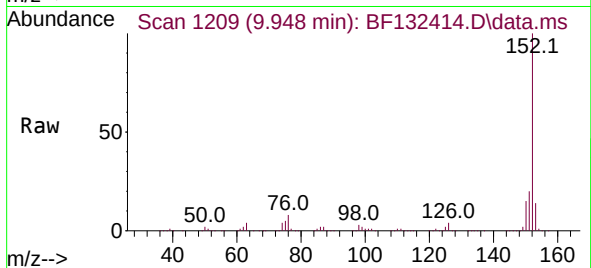
Acq: 13 Feb 2023 17:28

Instrument :

BNA_F

ClientSampleId :

PB150810BSD



Tgt Ion:152 Resp: 1290390

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

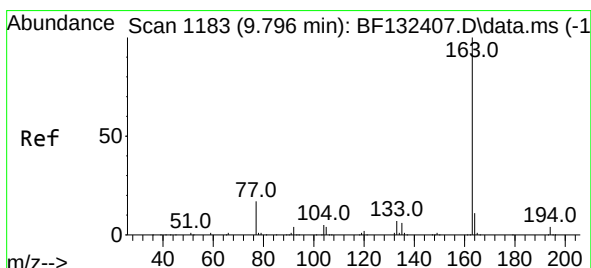
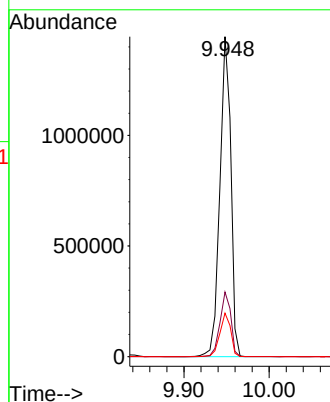
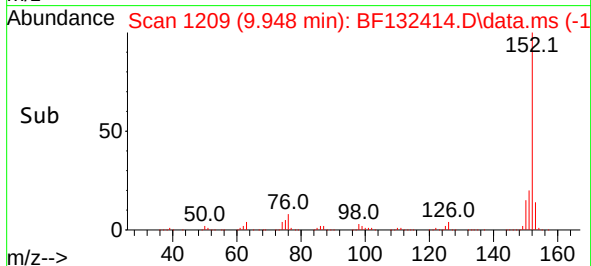
153 13.6 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#50

Dimethylphthalate

Concen: 40.791 ng

RT: 9.801 min Scan# 1184

Delta R.T. 0.005 min

Lab File: BF132414.D

Acq: 13 Feb 2023 17:28

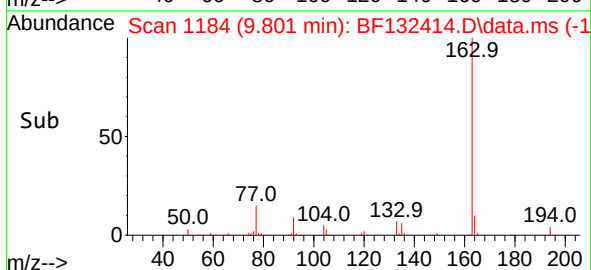
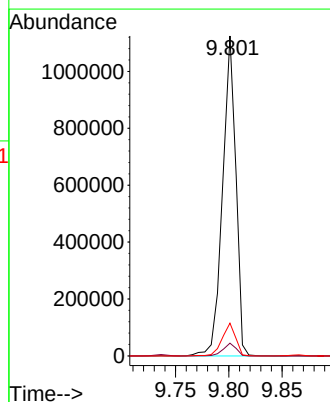
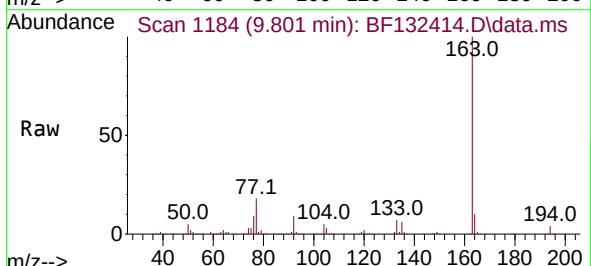
Tgt Ion:163 Resp: 976636

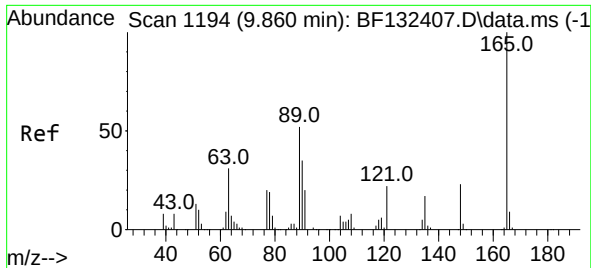
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.2 8.5 12.7





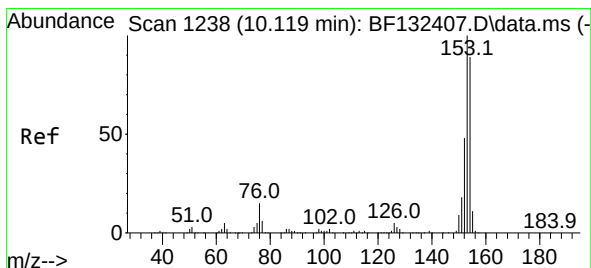
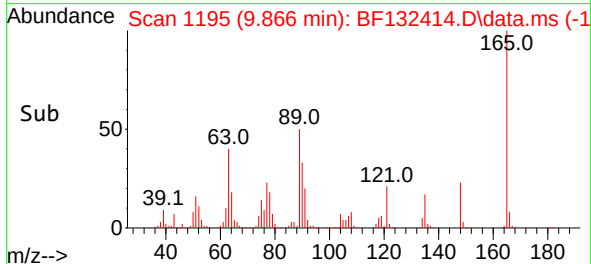
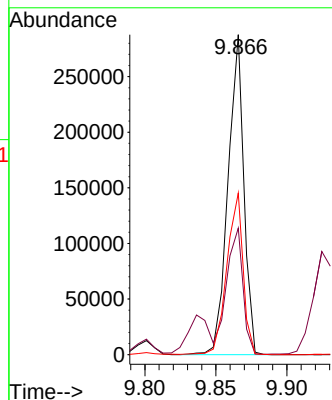
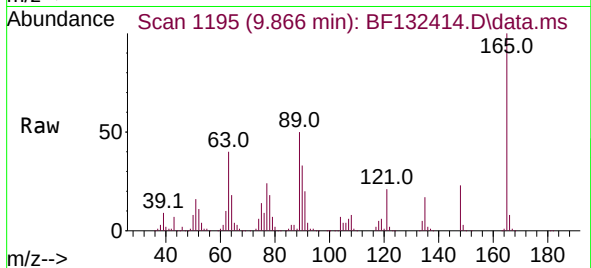
#51
2,6-Dinitrotoluene
Concen: 42.652 ng
RT: 9.866 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

Instrument :
BNA_F
ClientSampleId :
PB150810BSD

Tgt Ion:165 Resp: 224026
Ion Ratio Lower Upper
165 100
63 39.5 34.0 51.0
89 50.5 41.8 62.6

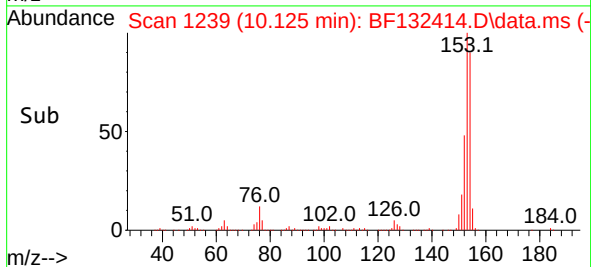
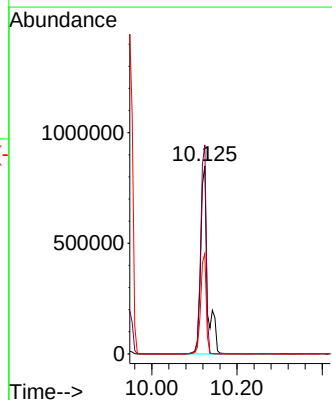
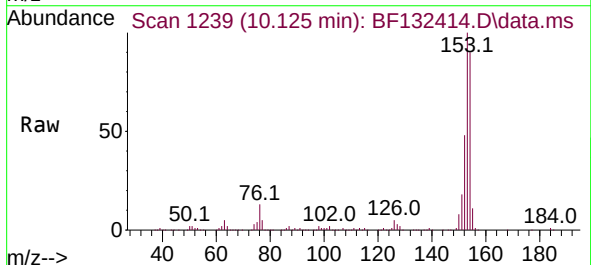
Manual Integrations
APPROVED

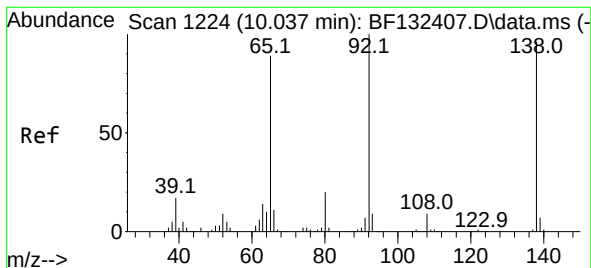
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#52
Acenaphthene
Concen: 46.595 ng
RT: 10.125 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

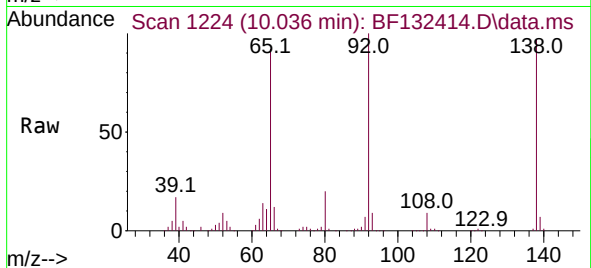
Tgt Ion:154 Resp: 946783
Ion Ratio Lower Upper
154 100
153 111.3 89.8 134.6
152 53.4 42.7 64.1





#53
3-Nitroaniline
Concen: 28.711 ng
RT: 10.036 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

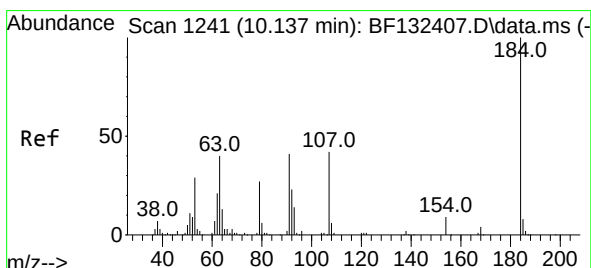
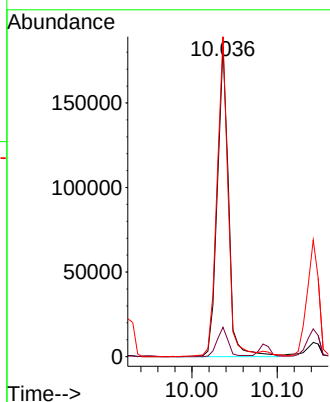
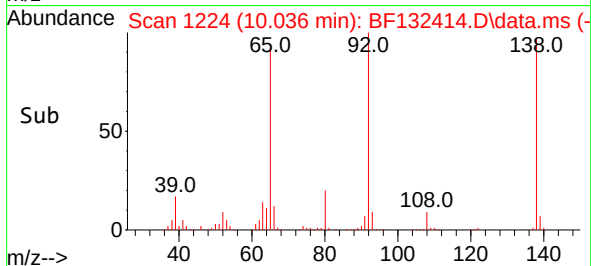
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



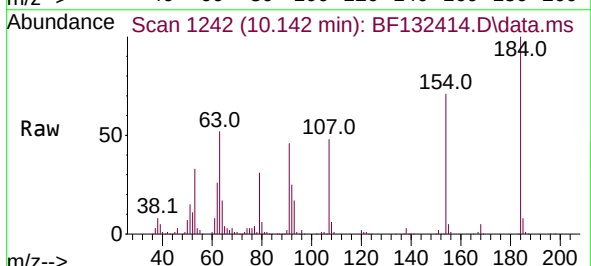
Tgt Ion:138 Resp: 16774
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 103.4 83.7 125.5

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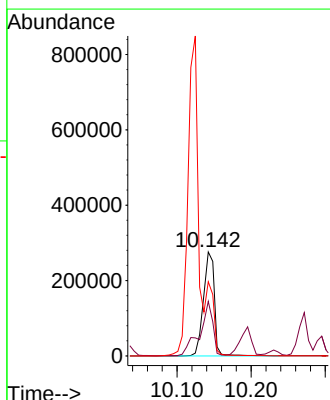
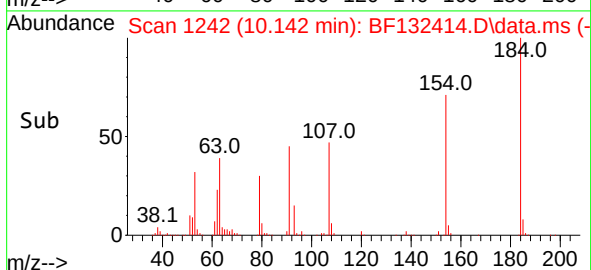
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

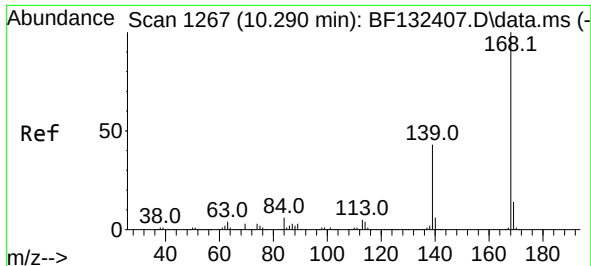


#54
2,4-Dinitrophenol
Concen: 96.862 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28



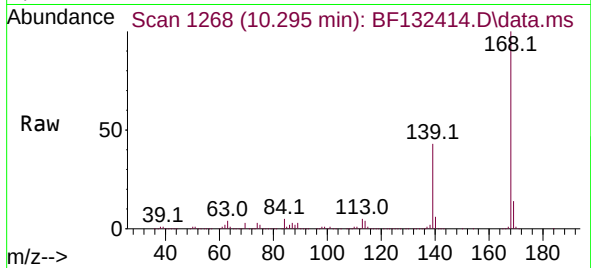
Tgt Ion:184 Resp: 282884
Ion Ratio Lower Upper
184 100
63 52.4 36.2 54.2
154 71.4 51.4 77.0





#55
Dibenzofuran
Concen: 40.314 ng
RT: 10.295 min Scan# 1251
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

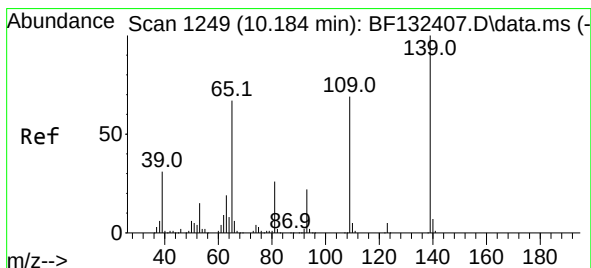
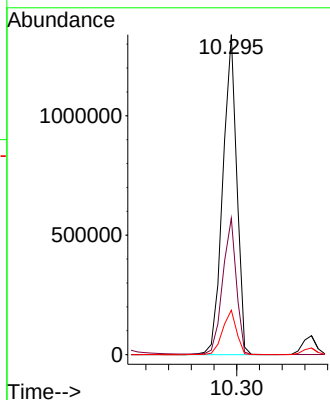
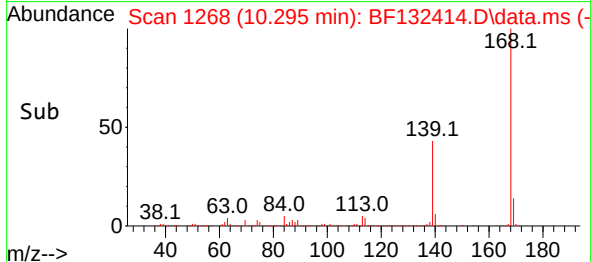
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



Tgt Ion:168 Resp: 1141015
Ion Ratio Lower Upper
168 100
139 42.6 34.6 52.0
169 13.9 11.2 16.8

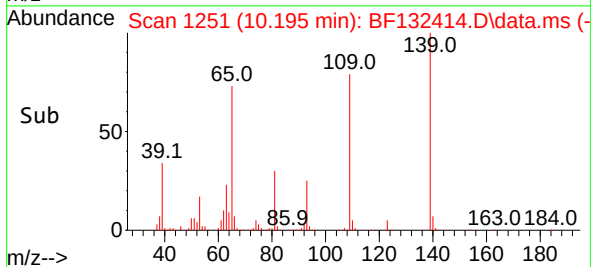
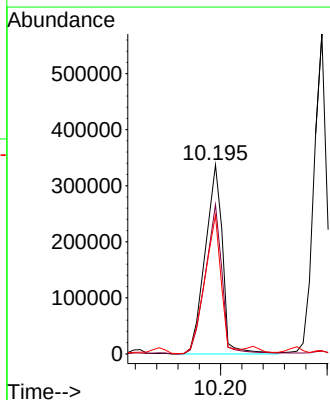
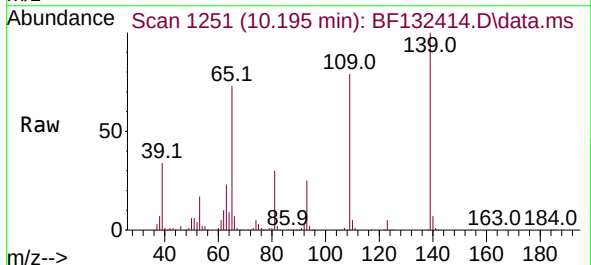
Manual Integrations
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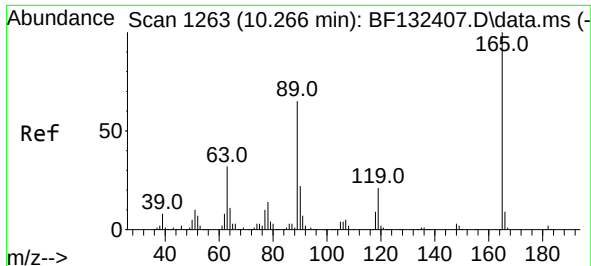
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#56
4-Nitrophenol
Concen: 87.598 ng
RT: 10.195 min Scan# 1251
Delta R.T. 0.011 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

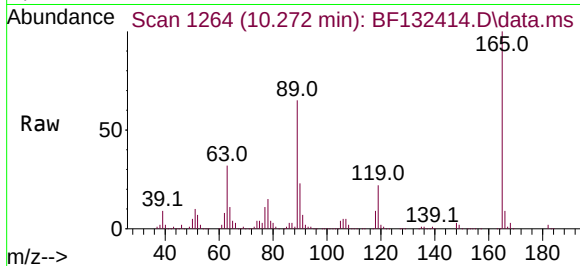
Tgt Ion:139 Resp: 381477
Ion Ratio Lower Upper
139 100
109 78.9 49.4 89.4
65 73.3 47.6 87.6





#57
2,4-Dinitrotoluene
Concen: 43.237 ng
RT: 10.272 min Scan# 1264
Delta R.T. 0.006 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

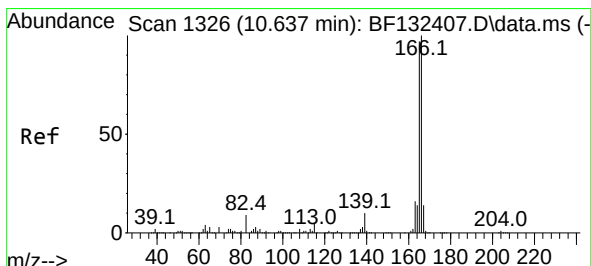
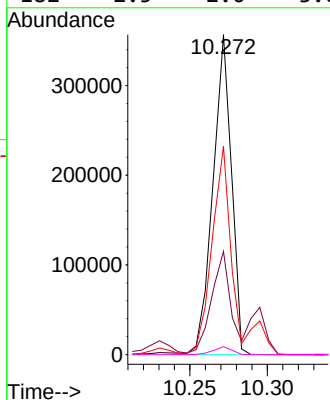
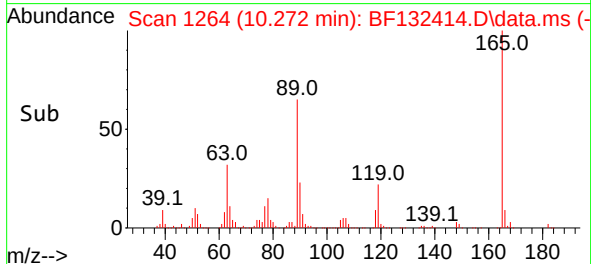
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



Tgt Ion:165 Resp: 298352
Ion Ratio Lower Upper
165 100
63 32.3 25.4 38.2
89 65.1 52.2 78.2
182 2.5 2.0 3.0

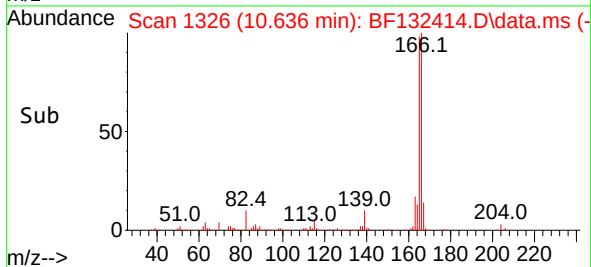
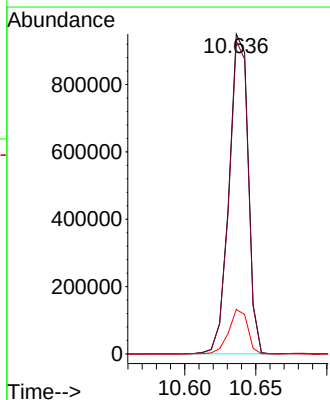
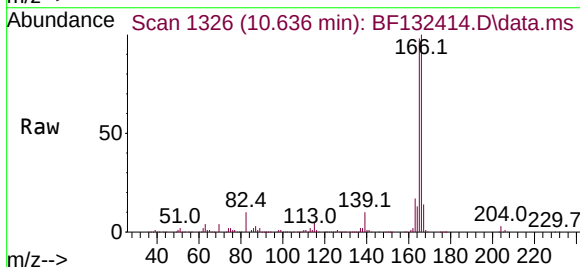
Manual Integrations
APPROVED

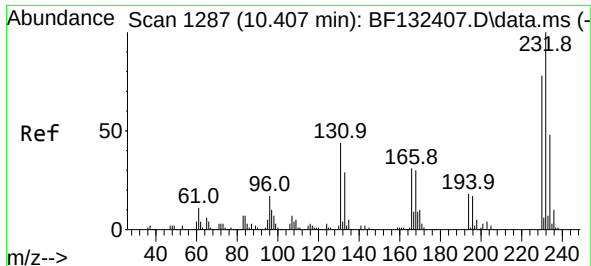
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#58
Fluorene
Concen: 40.569 ng
RT: 10.636 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

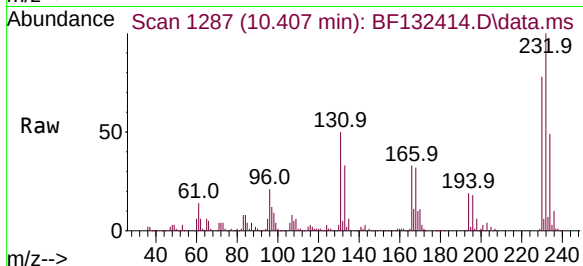
Tgt Ion:166 Resp: 892755
Ion Ratio Lower Upper
166 100
165 97.8 77.5 116.3
167 13.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.486 ng
RT: 10.407 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

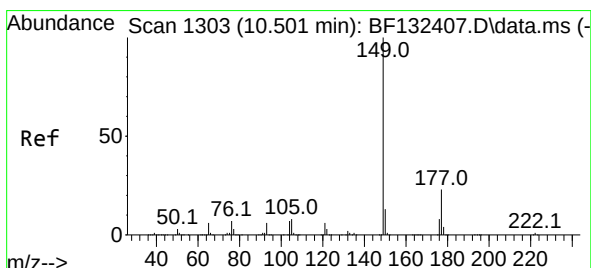
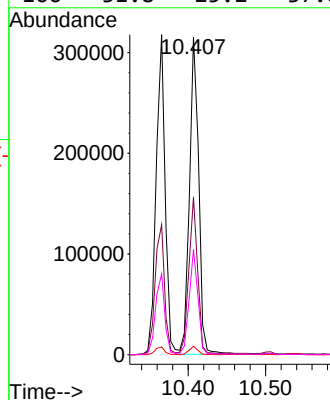
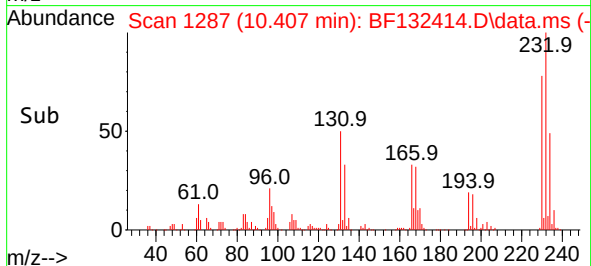
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



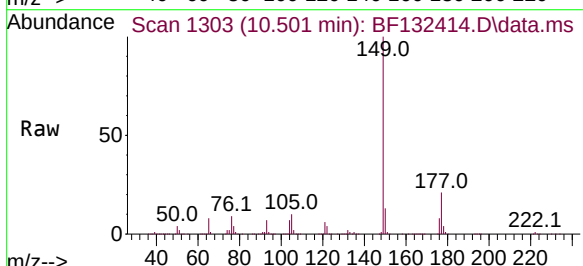
Tgt Ion:232 Resp: 260360
Ion Ratio Lower Upper
232 100
131 47.6 37.9 56.9
130 2.5 1.9 2.9
166 31.8 25.2 37.8

Manual Integrations
APPROVED

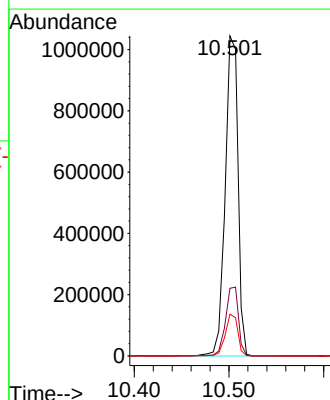
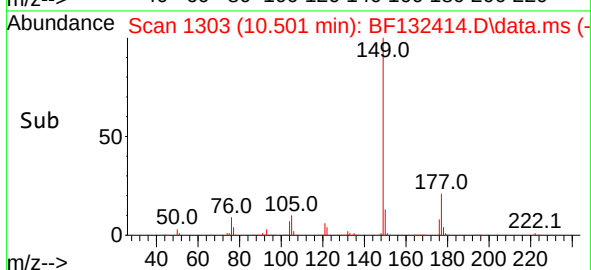
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

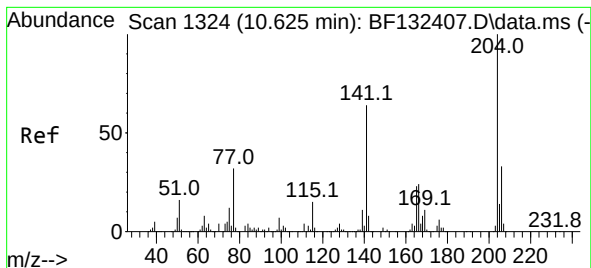


#60
Diethylphthalate
Concen: 40.753 ng
RT: 10.501 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28



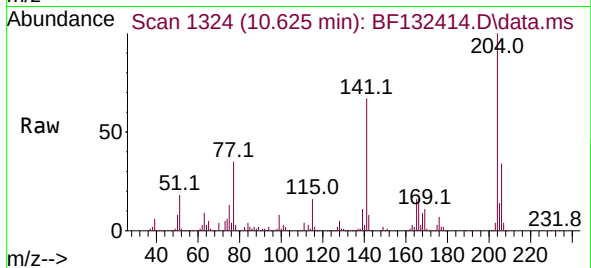
Tgt Ion:149 Resp: 976797
Ion Ratio Lower Upper
149 100
177 21.1 18.1 27.1
150 13.0 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.836 ng
RT: 10.625 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

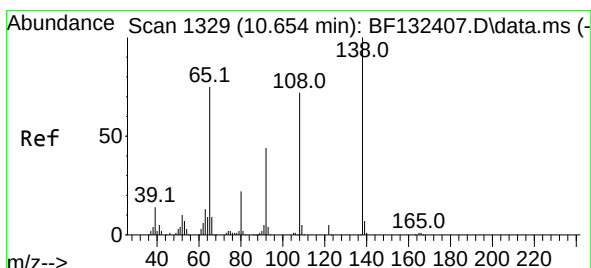
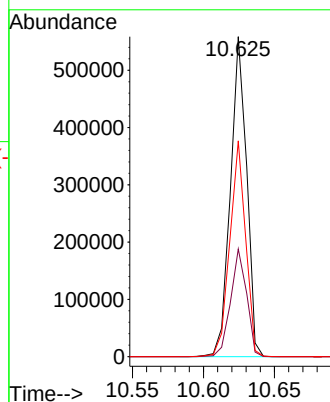
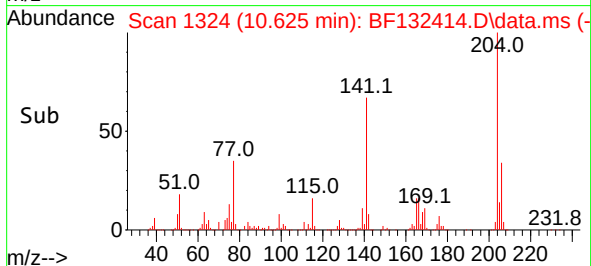
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



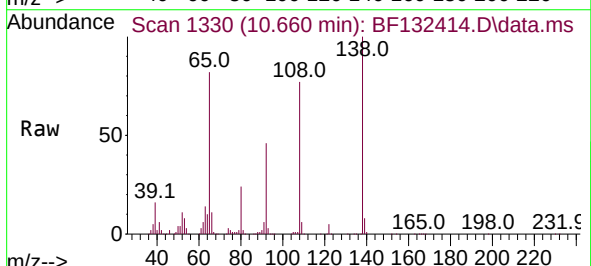
Tgt Ion:204 Resp: 440404
Ion Ratio Lower Upper
204 100
206 33.6 26.3 39.5
141 67.4 50.9 76.3

Manual Integrations
APPROVED

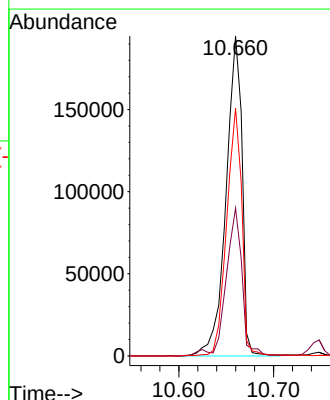
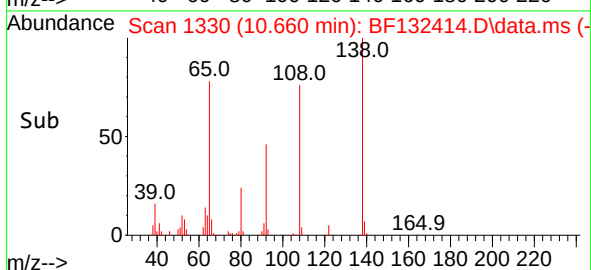
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

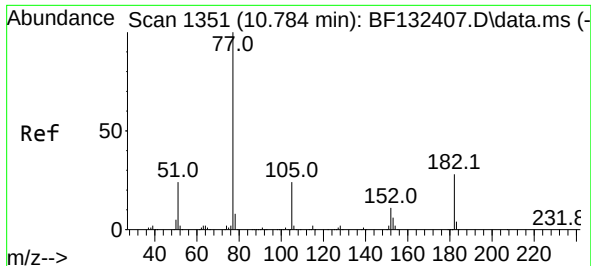


#62
4-Nitroaniline
Concen: 42.767 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28



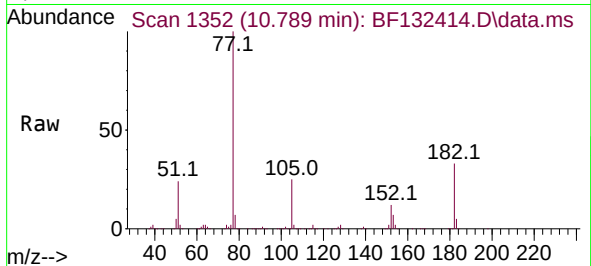
Tgt Ion:138 Resp: 228819
Ion Ratio Lower Upper
138 100
92 46.2 24.3 64.3
108 77.4 52.4 92.4





#63
Azobenzene
Concen: 39.829 ng
RT: 10.789 min Scan# 1351
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

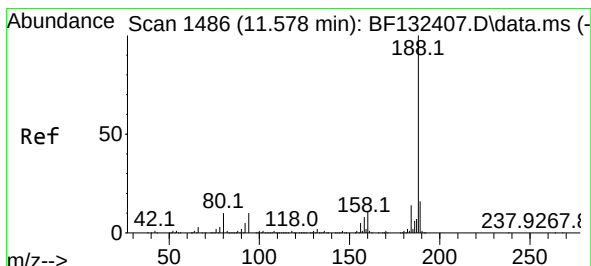
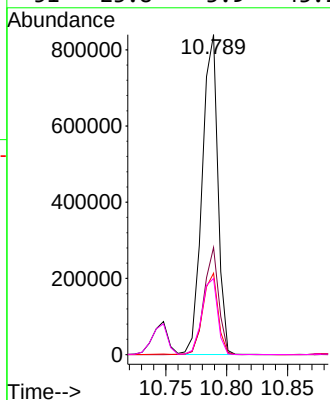
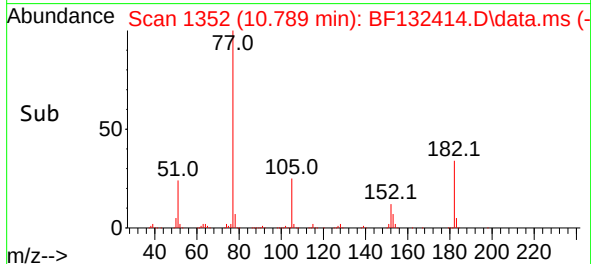
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



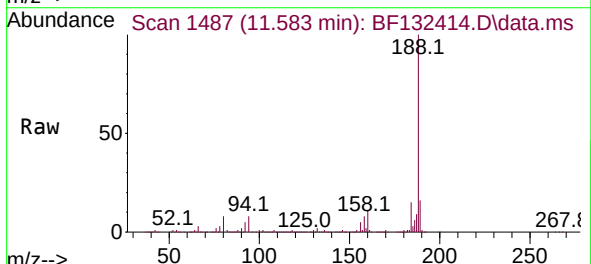
Tgt Ion: 77 Resp: 75344
Ion Ratio Lower Upper
77 100
182 33.5 8.3 48.3
105 25.4 3.9 43.9
51 23.8 3.9 43.9

Manual Integrations
APPROVED

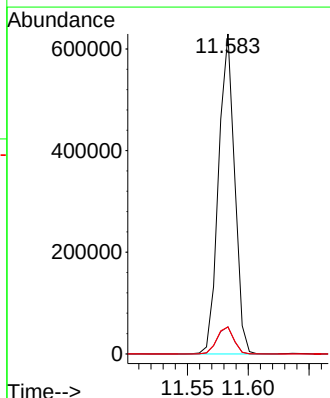
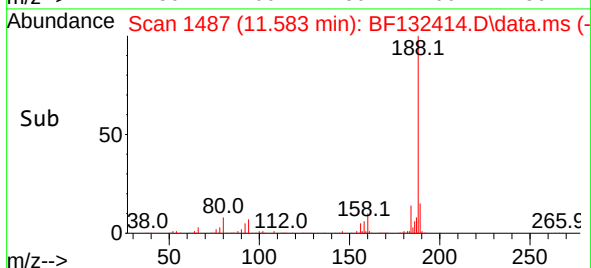
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

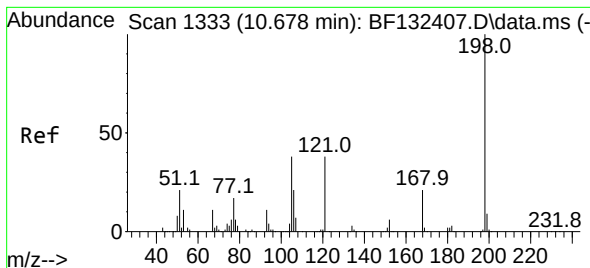


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.583 min Scan# 1487
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28



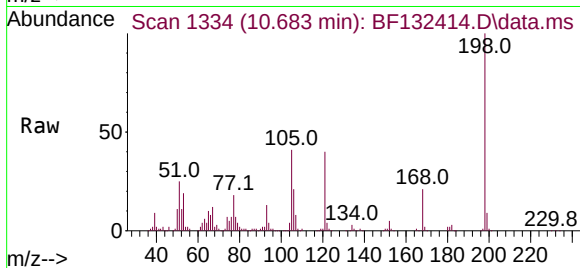
Tgt Ion:188 Resp: 576616
Ion Ratio Lower Upper
188 100
94 8.5 7.8 11.6
80 8.4 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 47.311 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

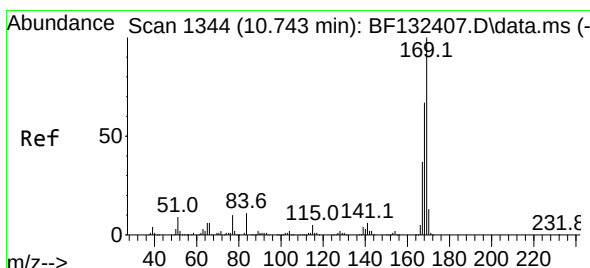
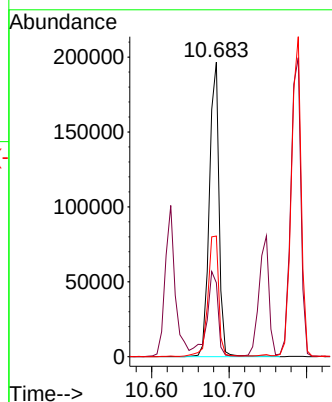
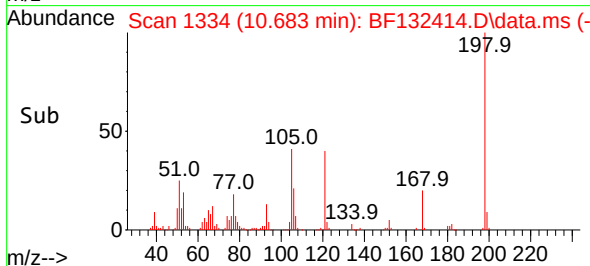
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



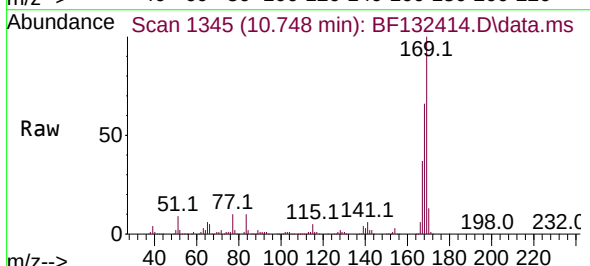
Tgt Ion:198 Resp: 169600
Ion Ratio Lower Upper
198 100
51 25.1 4.6 44.6
105 40.9 19.3 59.3

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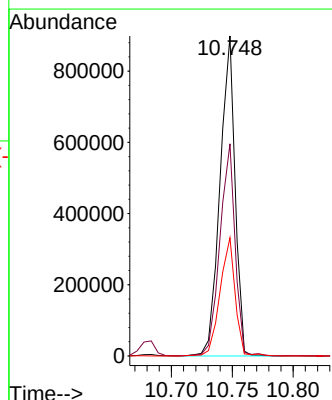
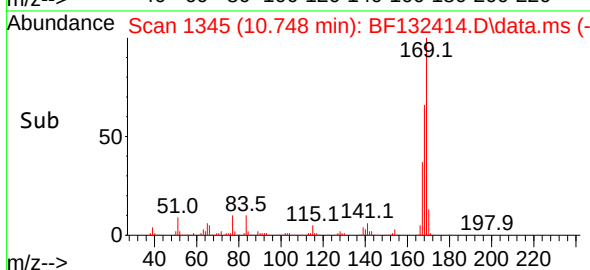
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

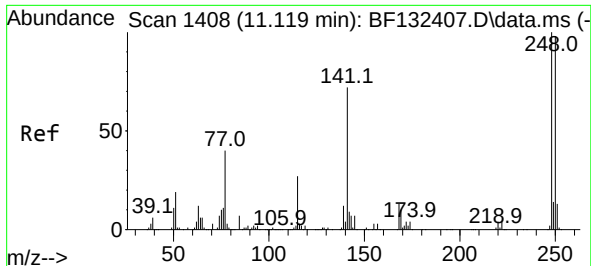


#66
n-Nitrosodiphenylamine
Concen: 41.404 ng
RT: 10.748 min Scan# 1345
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28



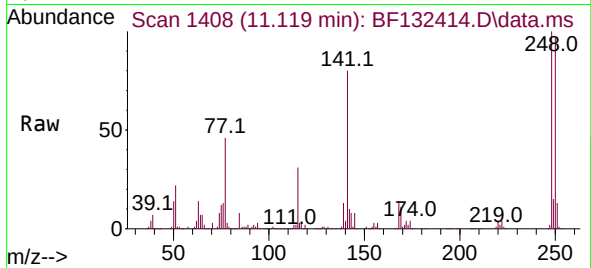
Tgt Ion:169 Resp: 770727
Ion Ratio Lower Upper
169 100
168 66.3 53.5 80.3
167 36.9 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.677 ng
RT: 11.119 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

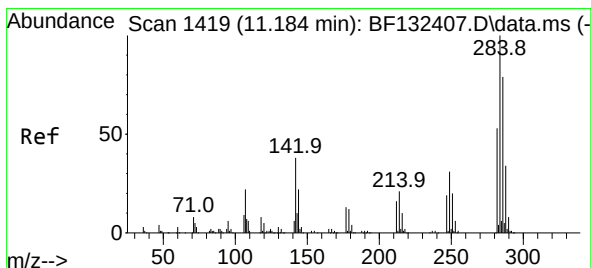
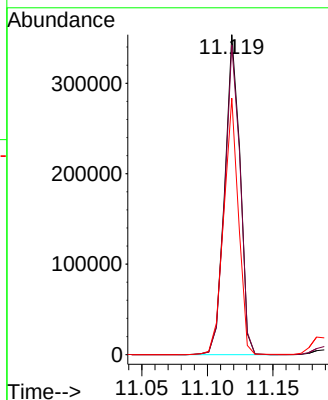
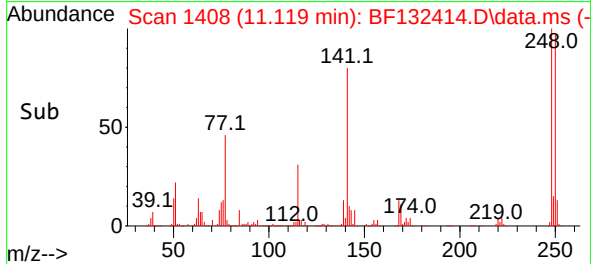
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



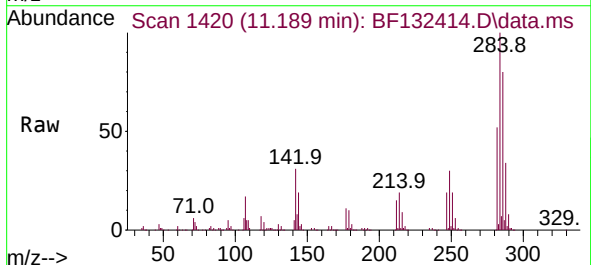
Tgt Ion:248 Resp: 287222
Ion Ratio Lower Upper
248 100
250 96.7 78.1 117.1
141 80.1 57.9 86.9

Manual Integrations
APPROVED

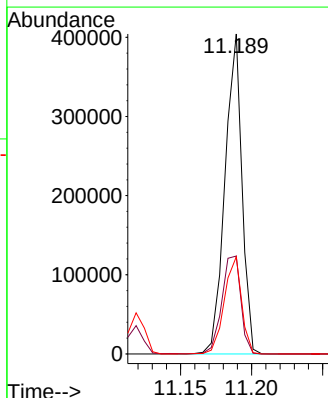
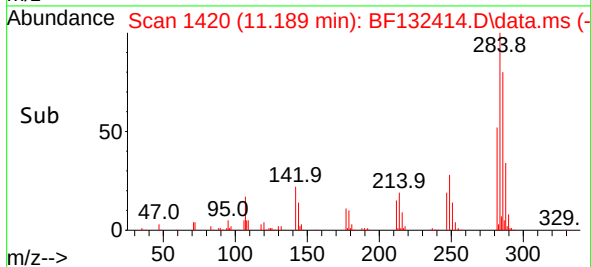
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

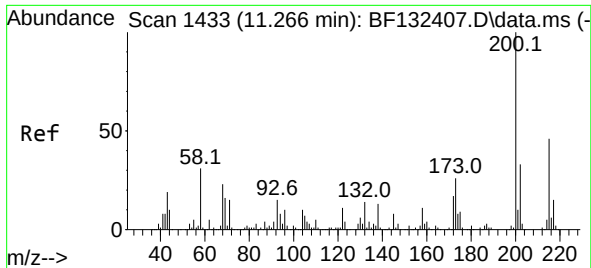


#68
Hexachlorobenzene
Concen: 45.004 ng
RT: 11.189 min Scan# 1420
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28



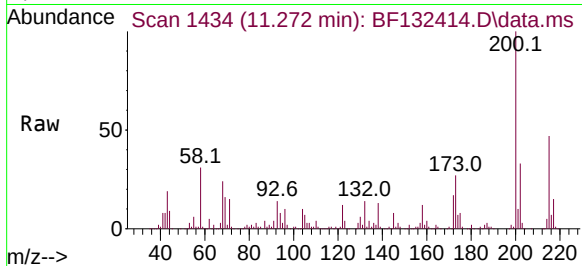
Tgt Ion:284 Resp: 335011
Ion Ratio Lower Upper
284 100
142 30.6 30.1 45.1
249 30.3 25.0 37.4





#69
Atrazine
Concen: 48.099 ng
RT: 11.272 min Scan# 1434
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

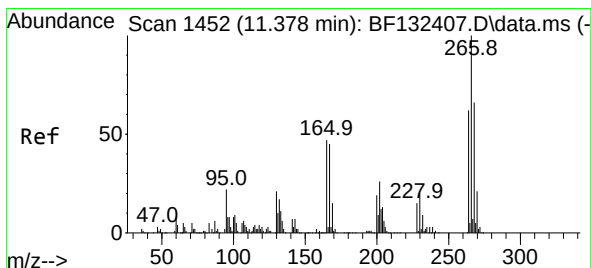
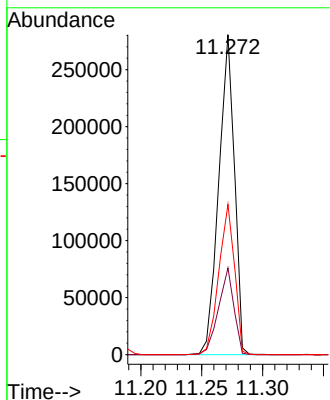
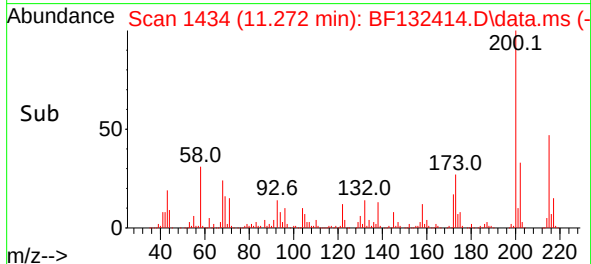
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



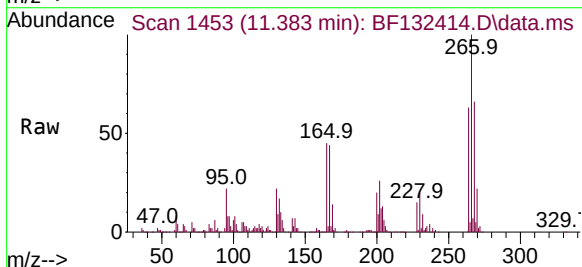
Tgt Ion:200 Resp: 251050
Ion Ratio Lower Upper
200 100
173 27.1 6.3 46.3
215 46.9 26.1 66.1

Manual Integrations
APPROVED

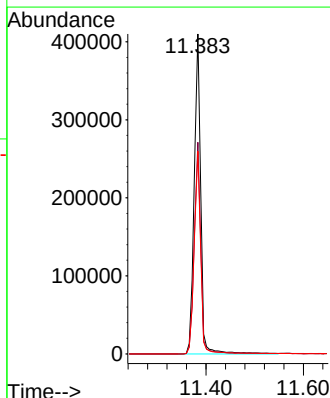
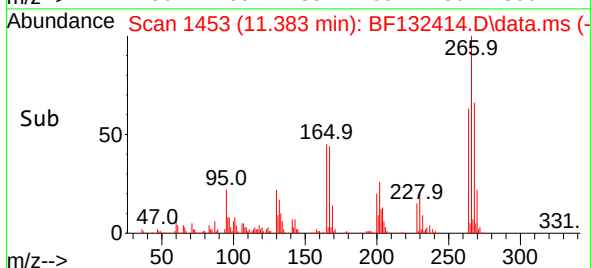
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

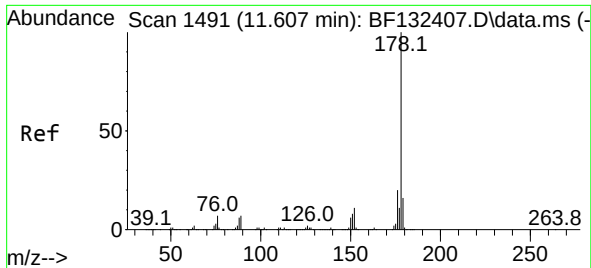


#70
Pentachlorophenol
Concen: 85.186 ng
RT: 11.383 min Scan# 1453
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28



Tgt Ion:266 Resp: 379403
Ion Ratio Lower Upper
266 100
268 66.1 53.0 79.4
264 63.3 49.6 74.4





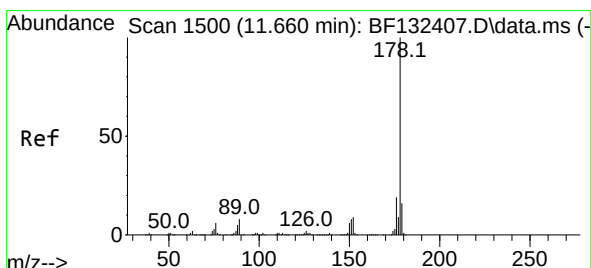
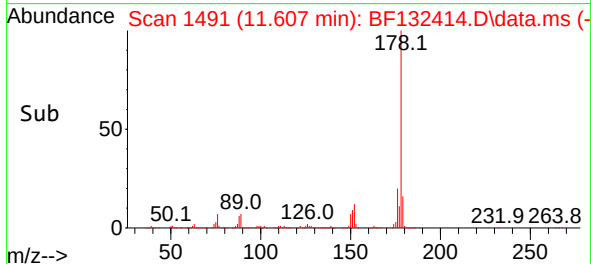
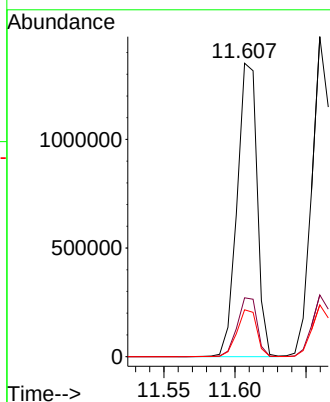
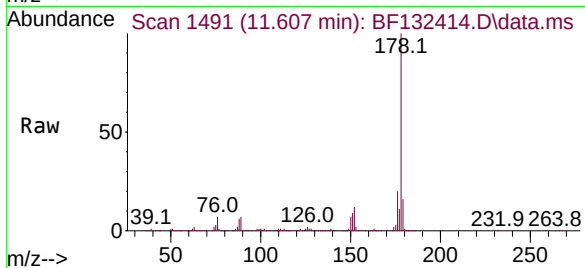
#71
Phenanthrene
Concen: 41.991 ng
RT: 11.607 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

Instrument :
BNA_F
ClientSampleId :
PB150810BSD

Tgt Ion:178 Resp: 1320065
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 16.0 12.6 19.0

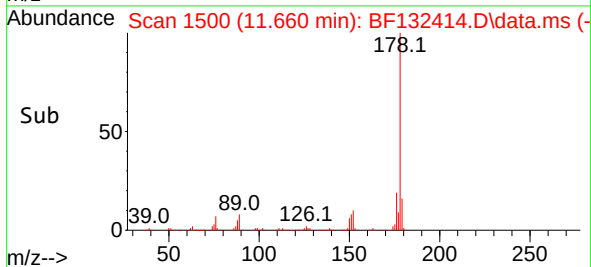
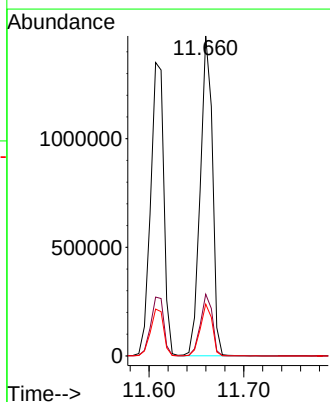
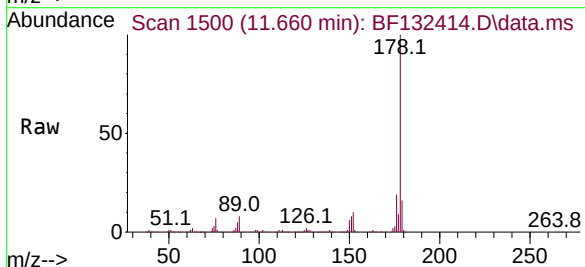
Manual Integrations
APPROVED

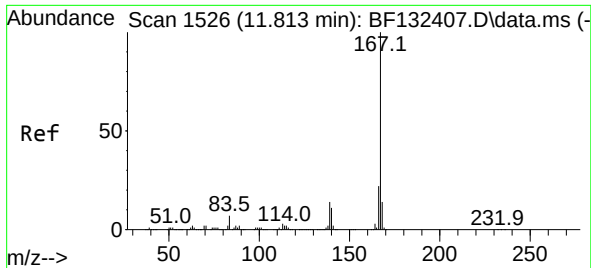
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#72
Anthracene
Concen: 40.786 ng
RT: 11.660 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

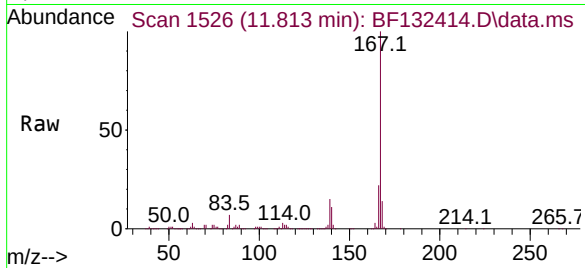
Tgt Ion:178 Resp: 1313178
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.2 12.6 19.0





#73
 Carbazole
 Concen: 42.692 ng
 RT: 11.813 min Scan# 1526
 Delta R.T. -0.000 min
 Lab File: BF132414.D
 Acq: 13 Feb 2023 17:28

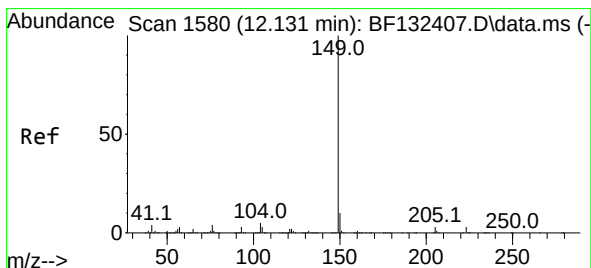
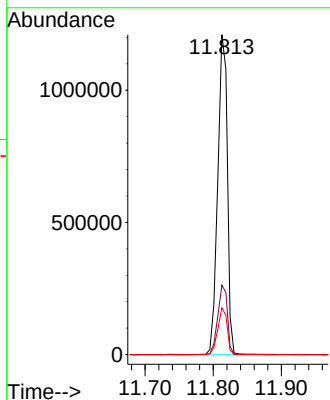
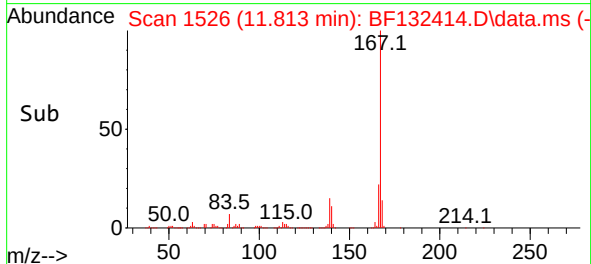
Instrument :
 BNA_F
 ClientSampleId :
 PB150810BSD



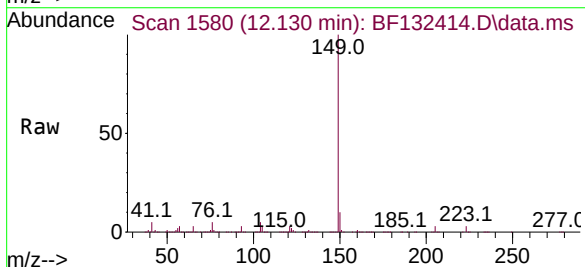
Tgt Ion:167 Resp: 1179574
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 14.6 11.3 16.9

Manual Integrations
 APPROVED

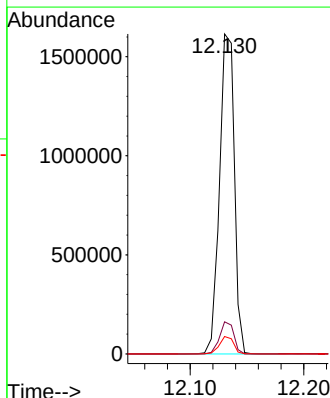
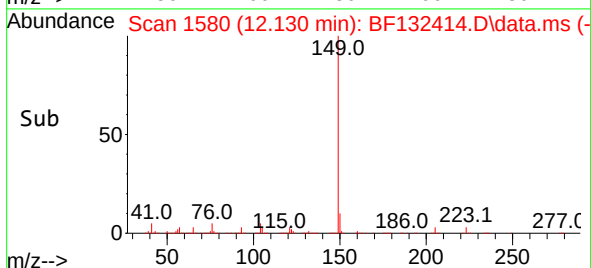
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023

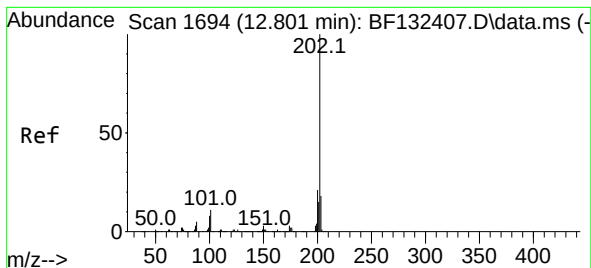


#74
 Di-n-butylphthalate
 Concen: 42.201 ng
 RT: 12.130 min Scan# 1580
 Delta R.T. -0.000 min
 Lab File: BF132414.D
 Acq: 13 Feb 2023 17:28



Tgt Ion:149 Resp: 1464220
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 5.4 4.2 6.2





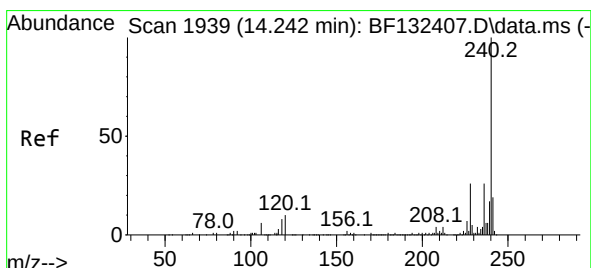
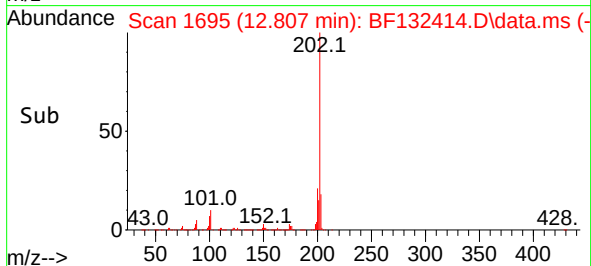
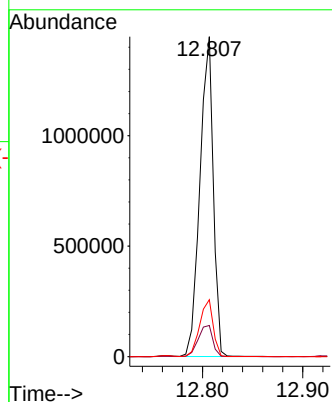
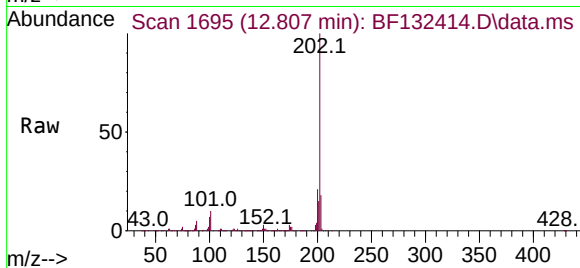
#75
Fluoranthene
Concen: 42.941 ng
RT: 12.807 min Scan# 1694
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

Instrument :
BNA_F
ClientSampleId :
PB150810BSD

Tgt Ion:202 Resp: 133591
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.0
203 17.8 0.0 37.9

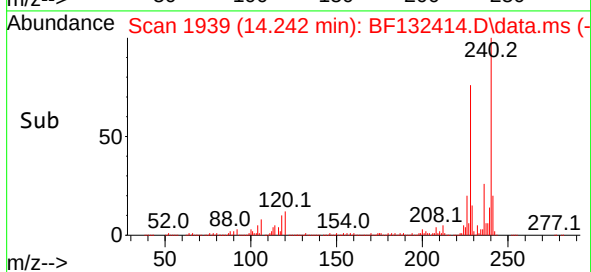
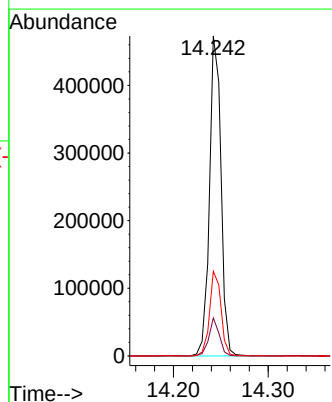
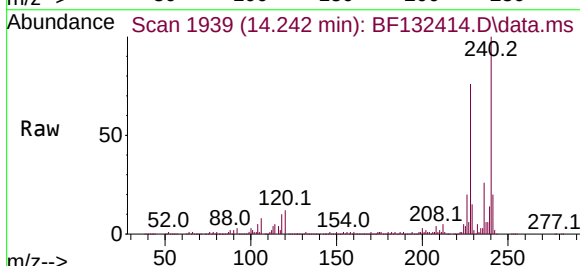
Manual Integrations
APPROVED

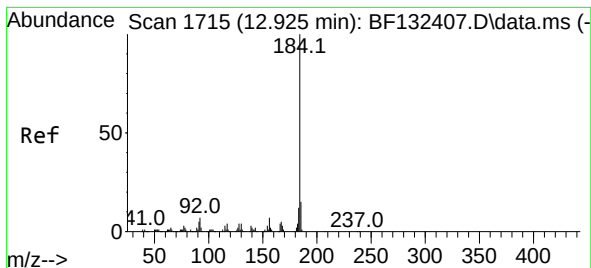
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.242 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

Tgt Ion:240 Resp: 401179
Ion Ratio Lower Upper
240 100
120 11.9 7.7 11.5#
236 26.4 21.1 31.7





#77

Benzidine

Concen: 80.283 ng

RT: 12.924 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BF132414.D

Acq: 13 Feb 2023 17:28

Instrument :

BNA_F

ClientSampleId :

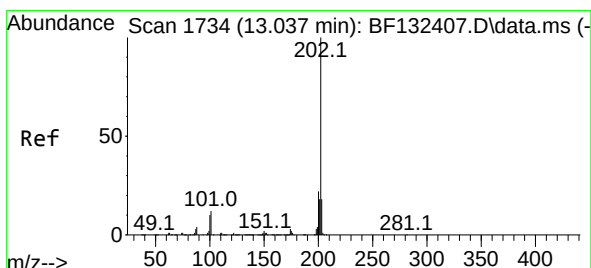
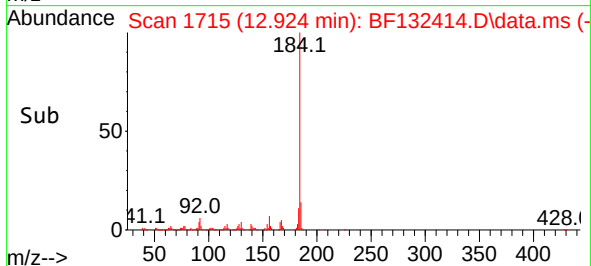
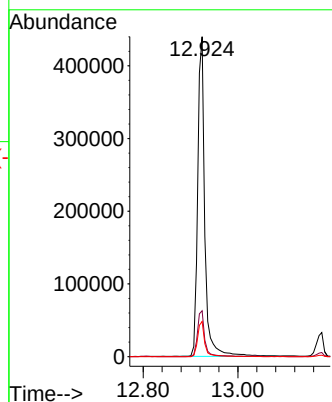
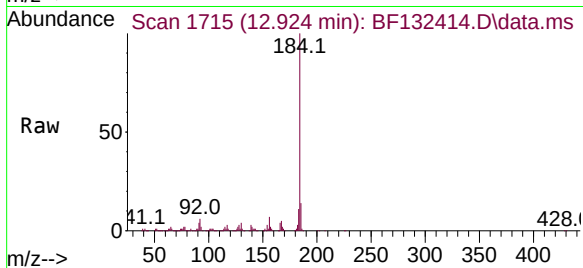
PB150810BSD

Tgt Ion:	184	Resp:	458234
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.2	18.2
183	11.0	9.3	13.9

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 41.437 ng

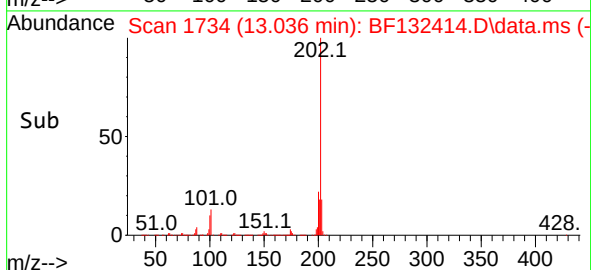
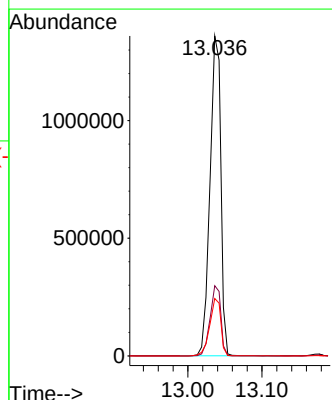
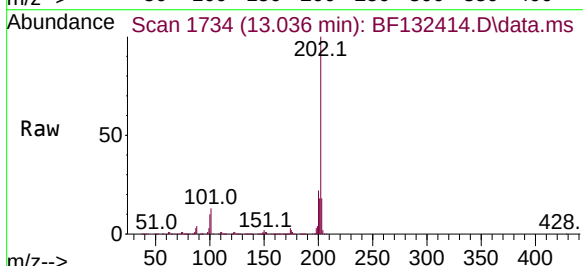
RT: 13.036 min Scan# 1734

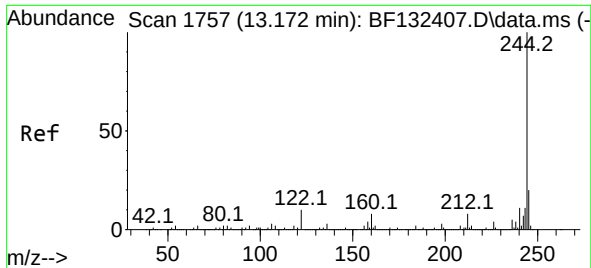
Delta R.T. -0.000 min

Lab File: BF132414.D

Acq: 13 Feb 2023 17:28

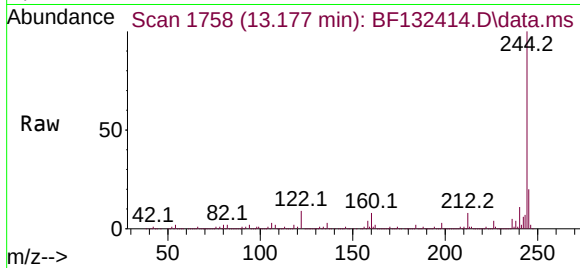
Tgt Ion:	202	Resp:	1377674
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.4	26.0
203	17.9	14.1	21.1





#79
 Terphenyl-d14
 Concen: 84.916 ng
 RT: 13.177 min Scan# 1757
 Delta R.T. 0.005 min
 Lab File: BF132414.D
 Acq: 13 Feb 2023 17:28

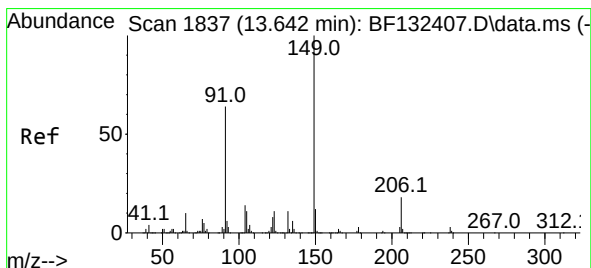
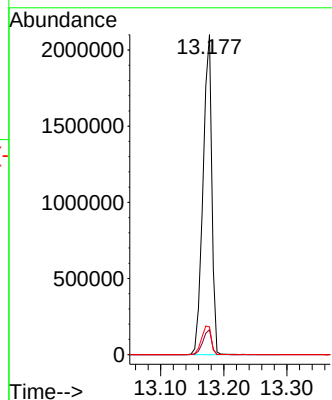
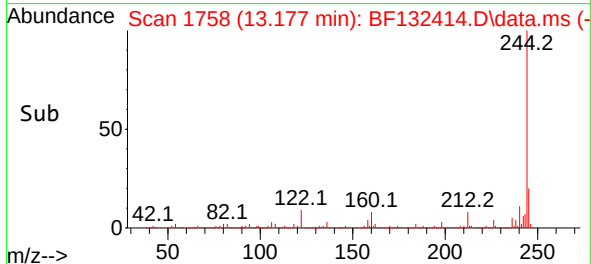
Instrument :
 BNA_F
 ClientSampleId :
 PB150810BSD



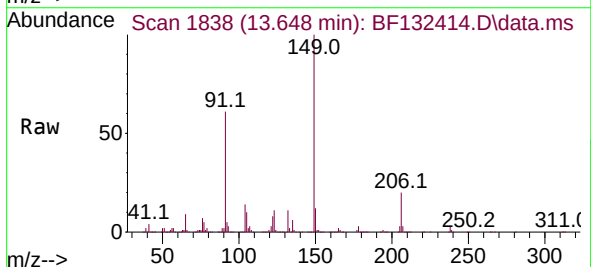
Tgt Ion:244 Resp: 2025568
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.7 8.2 12.4

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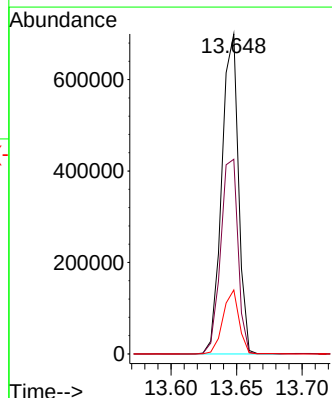
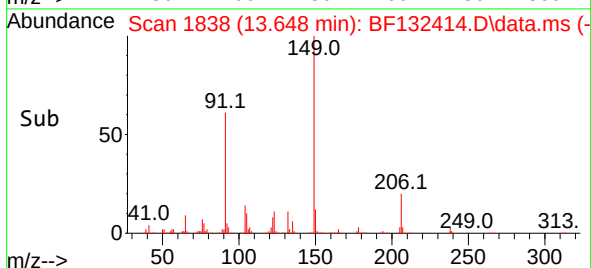
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023

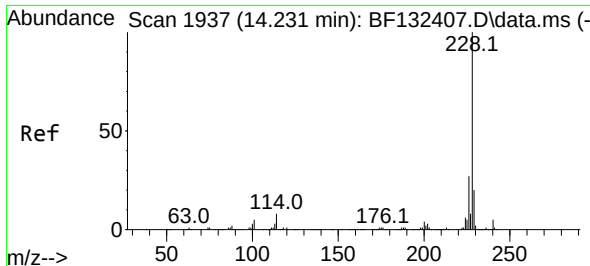


#80
 Butylbenzylphthalate
 Concen: 45.062 ng
 RT: 13.648 min Scan# 1838
 Delta R.T. 0.005 min
 Lab File: BF132414.D
 Acq: 13 Feb 2023 17:28



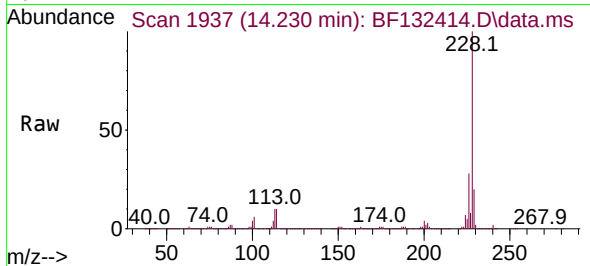
Tgt Ion:149 Resp: 621013
 Ion Ratio Lower Upper
 149 100
 91 60.8 51.6 77.4
 206 20.0 14.8 22.2





#81
Benzo(a)anthracene
Concen: 42.766 ng
RT: 14.230 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

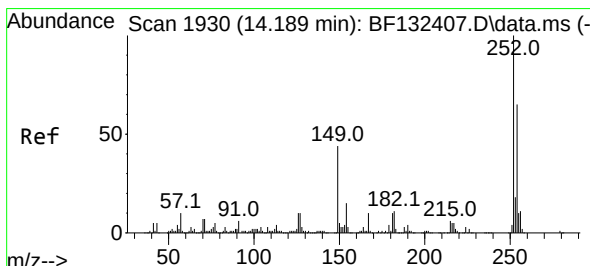
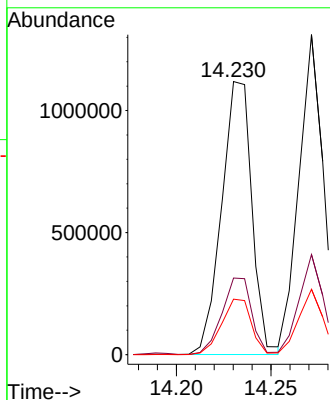
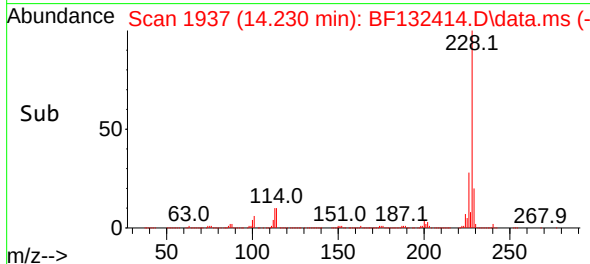
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



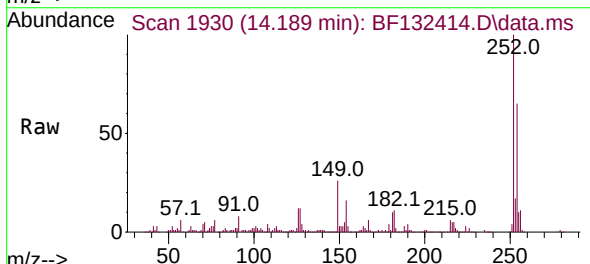
Tgt Ion:228 Resp: 1248208
Ion Ratio Lower Upper
228 100
226 28.0 21.8 32.6
229 20.3 15.7 23.5

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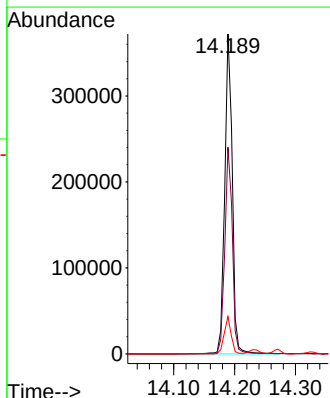
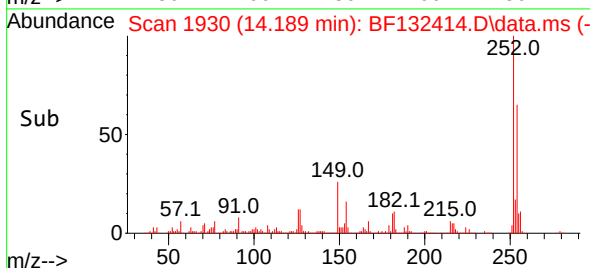
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

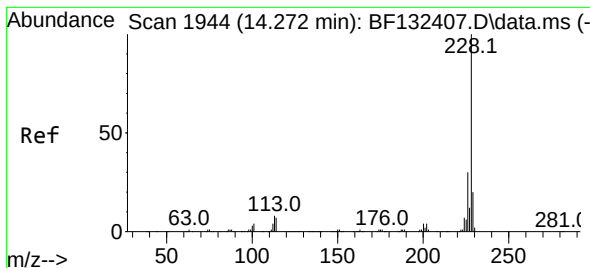


#82
3,3'-Dichlorobenzidine
Concen: 39.783 ng
RT: 14.189 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28



Tgt Ion:252 Resp: 321118
Ion Ratio Lower Upper
252 100
254 64.6 51.8 77.6
126 11.7 8.1 12.1





#83

Chrysene

Concen: 41.373 ng

RT: 14.271 min Scan# 1944

Delta R.T. -0.000 min

Lab File: BF132414.D

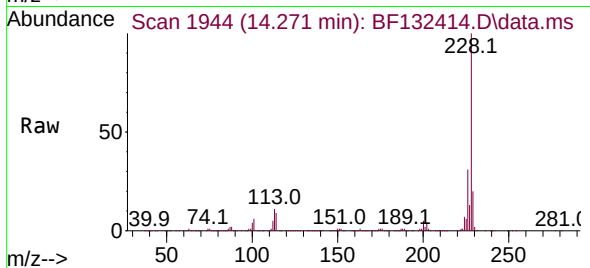
Acq: 13 Feb 2023 17:28

Instrument :

BNA_F

ClientSampleId :

PB150810BSD



Tgt Ion:228 Resp: 1139525

Ion Ratio Lower Upper

228 100

226 31.3 24.2 36.4

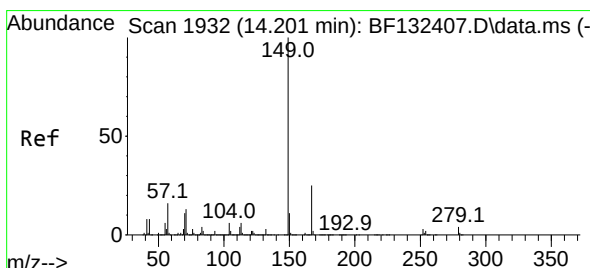
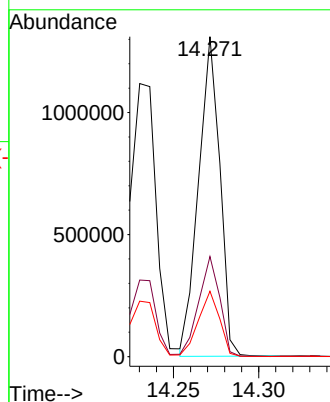
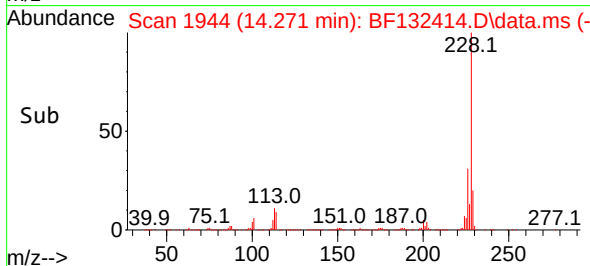
229 20.4 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.831 ng

RT: 14.201 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF132414.D

Acq: 13 Feb 2023 17:28

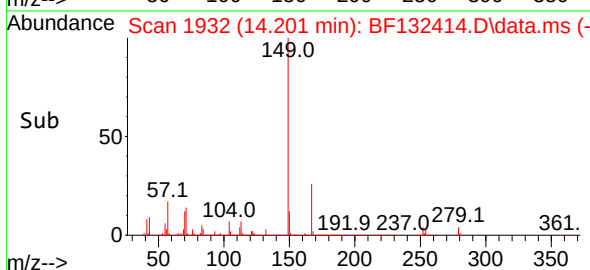
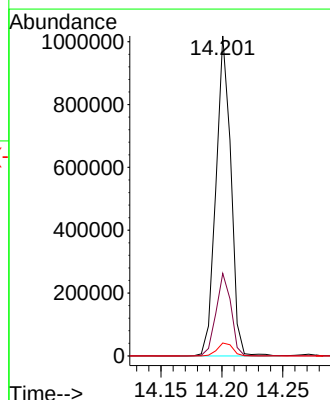
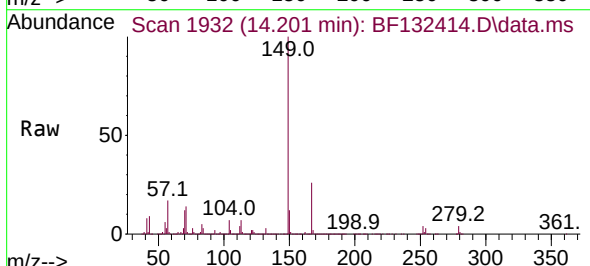
Tgt Ion:149 Resp: 868987

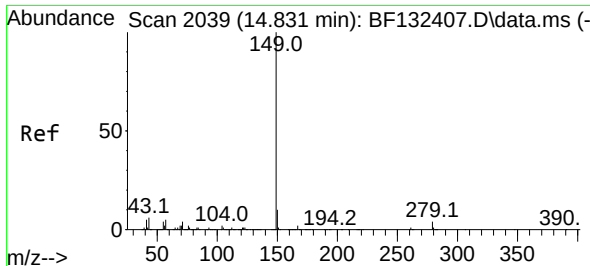
Ion Ratio Lower Upper

149 100

167 25.8 20.2 30.4

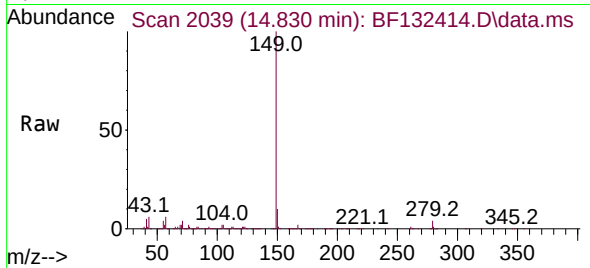
279 4.0 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 46.095 ng
RT: 14.830 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

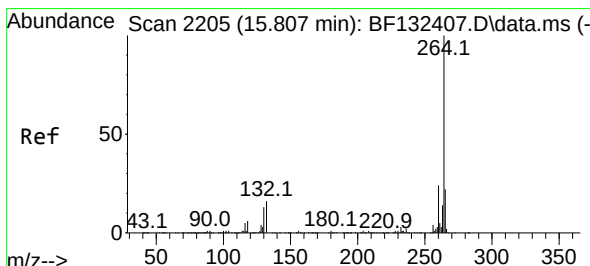
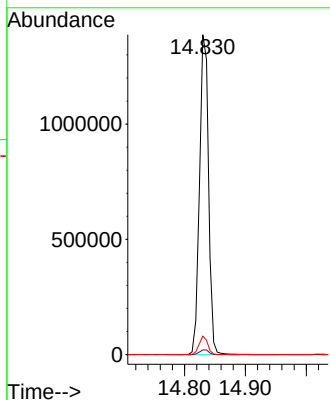
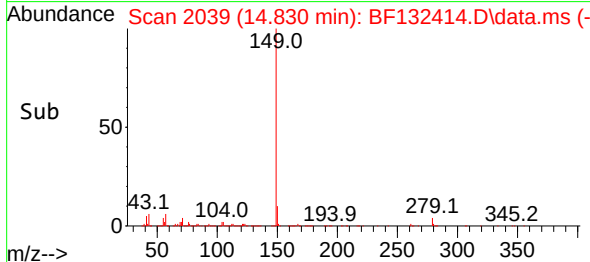
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



Tgt Ion:149 Resp: 1425237
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 5.5 4.6 6.8

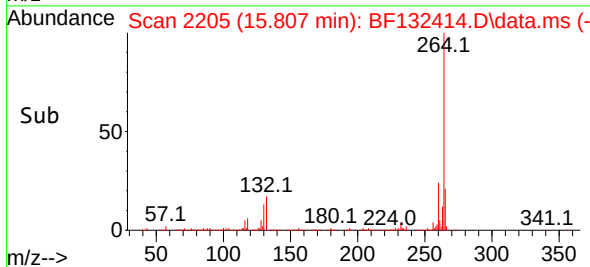
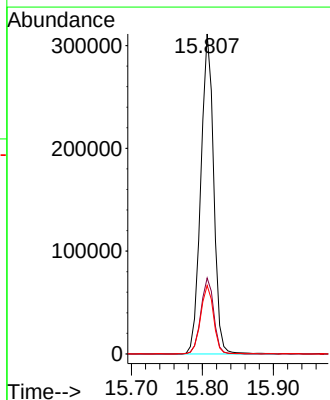
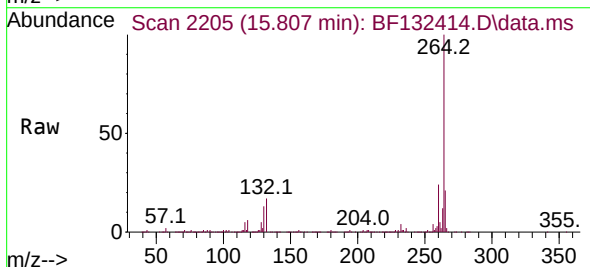
Manual Integrations
APPROVED

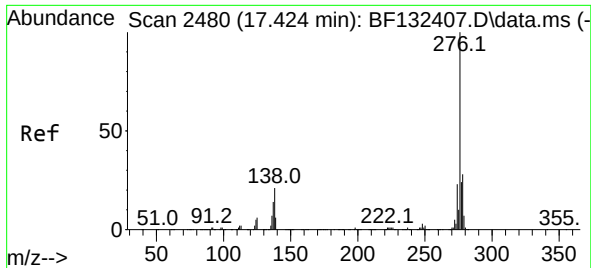
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.807 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

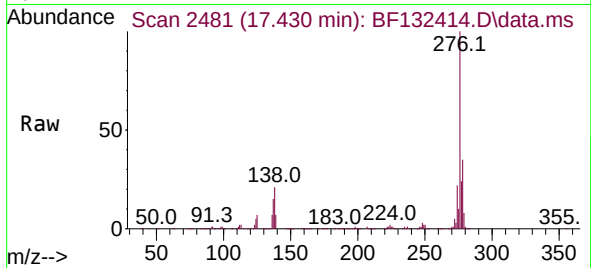
Tgt Ion:264 Resp: 389200
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.4 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.315 ng
RT: 17.430 min Scan# 2480
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

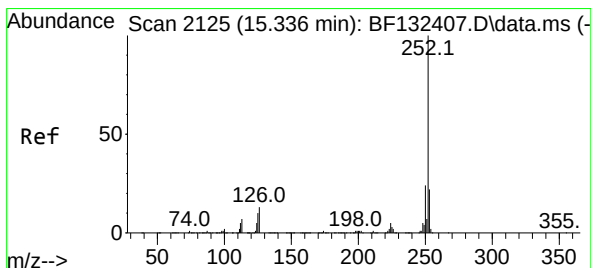
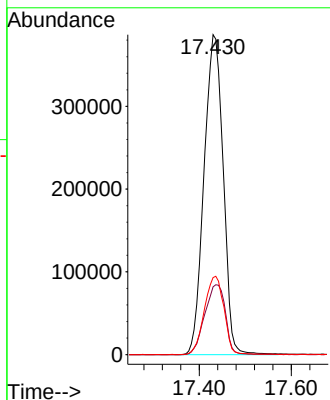
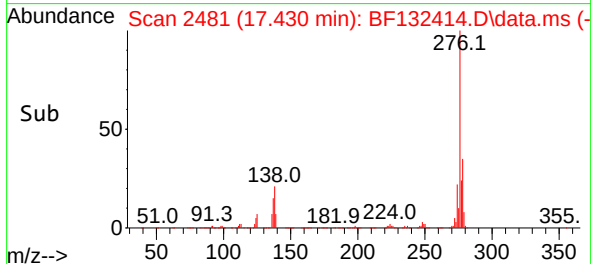
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



Tgt Ion:276 Resp: 1115282
Ion Ratio Lower Upper
276 100
138 23.4 19.1 28.7
277 25.1 20.0 30.0

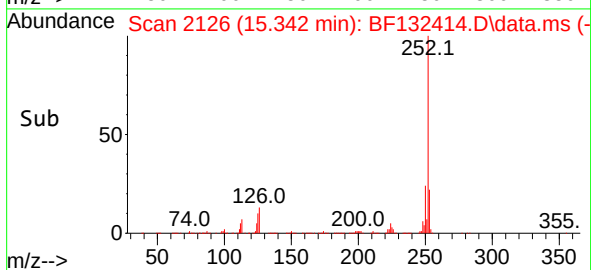
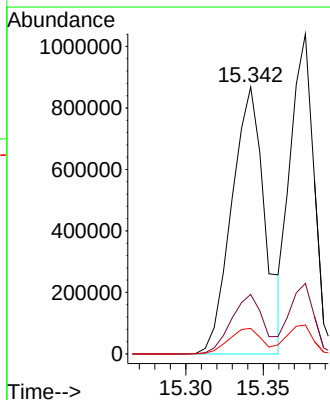
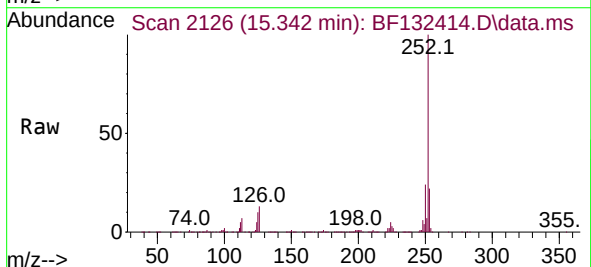
Manual Integrations
APPROVED

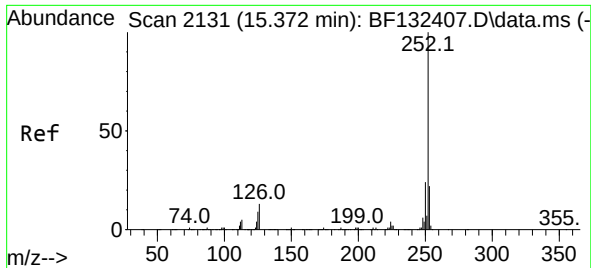
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#88
Benzo(b)fluoranthene
Concen: 51.124 ng
RT: 15.342 min Scan# 2126
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

Tgt Ion:252 Resp: 1291754
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 9.6 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 44.163 ng

RT: 15.377 min Scan# 2131

Delta R.T. 0.005 min

Lab File: BF132414.D

Acq: 13 Feb 2023 17:28

Instrument :

BNA_F

ClientSampleId :

PB150810BSD

Tgt Ion:252 Resp: 111000

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

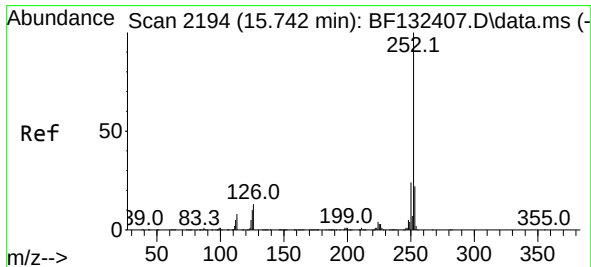
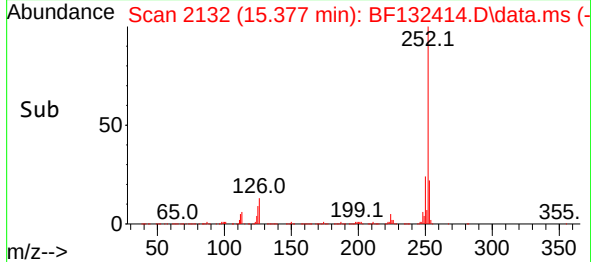
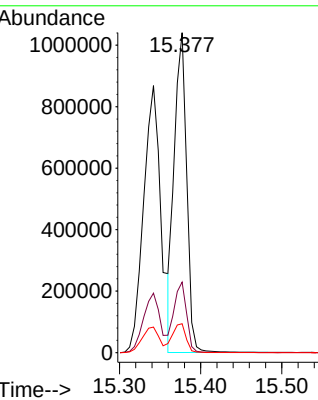
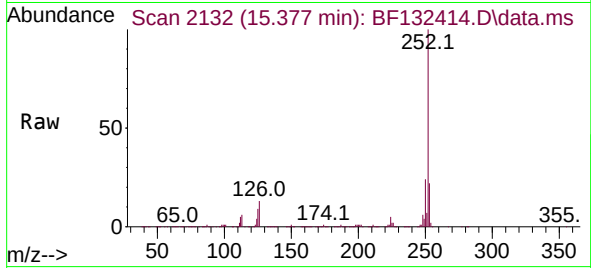
125 9.0 7.4 11.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#90

Benzo(a)pyrene

Concen: 43.550 ng

RT: 15.742 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BF132414.D

Acq: 13 Feb 2023 17:28

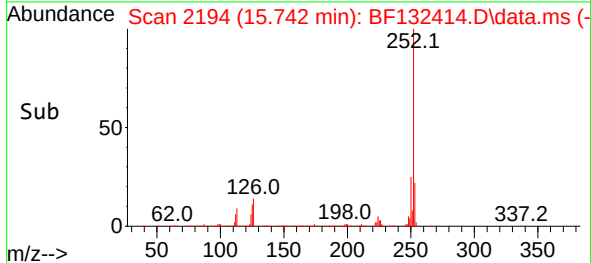
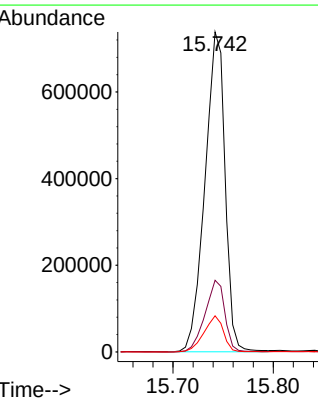
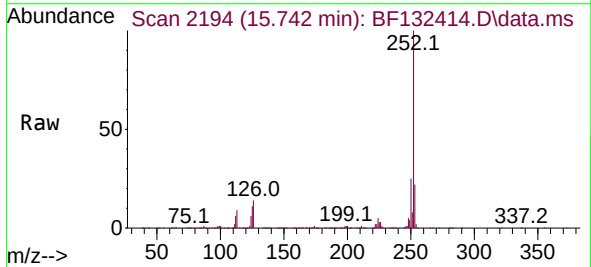
Tgt Ion:252 Resp: 1033452

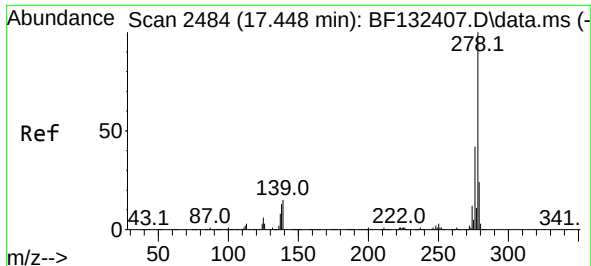
Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

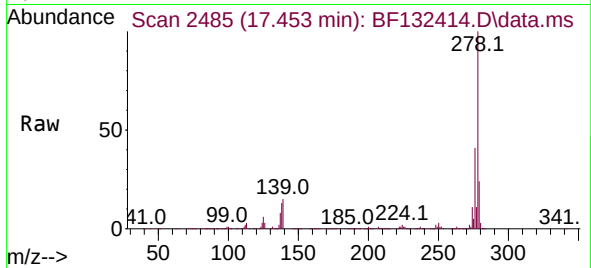
125 11.3 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 40.401 ng
RT: 17.453 min Scan# 2485
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

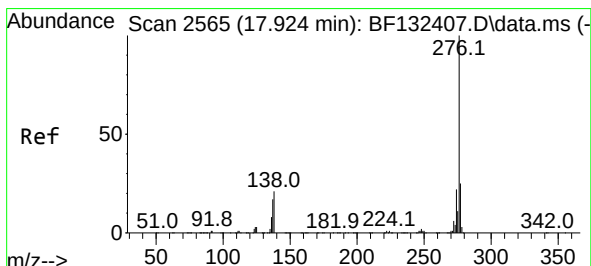
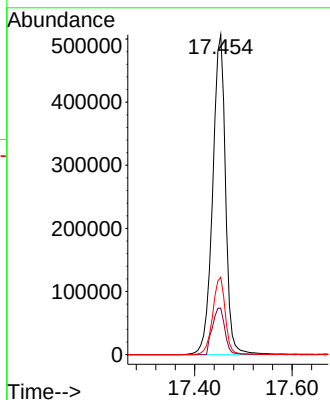
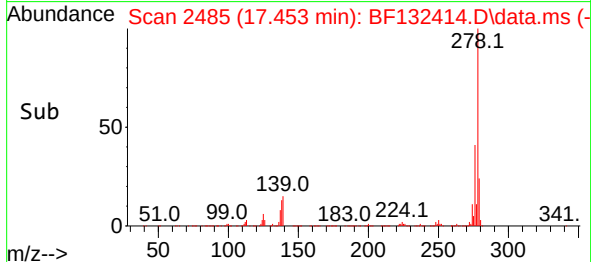
Instrument :
BNA_F
ClientSampleId :
PB150810BSD



Tgt Ion:278 Resp: 930830
Ion Ratio Lower Upper
278 100
139 14.5 11.8 17.8
279 24.2 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: 39.705 ng
RT: 17.930 min Scan# 2566
Delta R.T. 0.005 min
Lab File: BF132414.D
Acq: 13 Feb 2023 17:28

Tgt Ion:276 Resp: 901093
Ion Ratio Lower Upper
276 100
277 23.7 19.6 29.4
138 20.2 16.6 25.0

