

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011923\
 Data File : BF132152.D
 Acq On : 19 Jan 2023 18:36
 Operator : CG\JU
 Sample : SP6108
 Misc : 8270/625 SPIKE
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6108

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/20/2023
 Supervised By : Jagrut Upadhyay 01/20/2023

Quant Time: Jan 20 01:21:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	143645	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	525806	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	285552	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	575690	20.000	ng	0.00
76) Chrysene-d12	14.307	240	337444	20.000	ng	0.00
86) Perylene-d12	15.901	264	291956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.131	88	239571	57.507	ng	100
3) Pyridine	3.854	79	583254	52.154	ng	100
4) n-Nitrosodimethylamine	3.819	42	303642	57.732	ng	99
6) Aniline	6.748	93	607577	42.377	ng	99
8) 2-Chlorophenol	6.872	128	529031	61.206	ng	96
9) Benzaldehyde	6.643	77	464164	69.702	ng	99
10) Phenol	6.713	94	660255	61.271	ng	96
11) bis(2-Chloroethyl)ether	6.819	93	520093	57.013	ng	96
12) 1,3-Dichlorobenzene	7.031	146	566824	58.666	ng	99
13) 1,4-Dichlorobenzene	7.107	146	565472	58.653	ng	99
14) 1,2-Dichlorobenzene	7.260	146	541348	60.725	ng	98
15) Benzyl Alcohol	7.225	79	472919m	59.731	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	764169	57.636	ng	99
17) 2-Methylphenol	7.331	107	404567	53.427	ng	99
18) Hexachloroethane	7.607	117	210859	60.928	ng	95
19) n-Nitroso-di-n-propyla...	7.495	70	342210	53.972	ng	98
20) 3+4-Methylphenols	7.478	107	510103	53.461	ng	96
22) Acetophenone	7.495	105	662930	52.456	ng	# 95
24) Nitrobenzene	7.672	77	582274	55.561	ng	98
25) Isophorone	7.913	82	1057197	54.589	ng	97
26) 2-Nitrophenol	7.989	139	253963	62.808	ng	97
27) 2,4-Dimethylphenol	8.013	122	474861	56.666	ng	100
28) bis(2-Chloroethoxy)met...	8.119	93	601463	51.762	ng	99
29) 2,4-Dichlorophenol	8.231	162	439736	55.272	ng	97
30) 1,2,4-Trichlorobenzene	8.319	180	486191	53.804	ng	99
31) Naphthalene	8.401	128	1405754	52.057	ng	99
32) Benzoic acid	8.125	122	330087	57.195	ng	91
33) 4-Chloroaniline	8.442	127	264133	22.856	ng	96
34) Hexachlorobutadiene	8.513	225	326596	53.801	ng	99
35) Caprolactam	8.825	113	148598m	65.865	ng	
36) 4-Chloro-3-methylphenol	8.913	107	452185	56.479	ng	97
37) 2-Methylnaphthalene	9.095	142	927070	49.863	ng	99
38) 1-Methylnaphthalene	9.195	142	854718	49.408	ng	97
40) 1,2,4,5-Tetrachloroben...	9.260	216	495038	49.826	ng	99
41) Hexachlorocyclopentadiene	9.248	237	667383	123.097	ng	97
43) 2,4,6-Trichlorophenol	9.366	196	342511	55.548	ng	97

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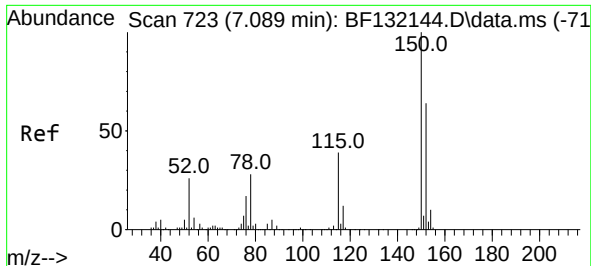
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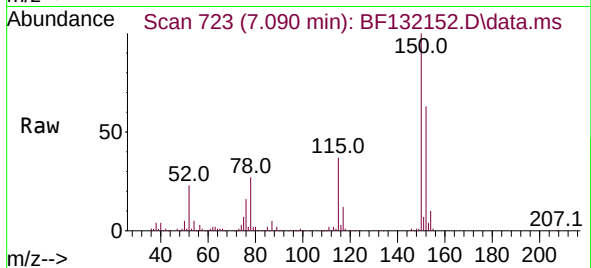
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.401	196	372068	51.595	ng	97
46) 1,1'-Biphenyl	9.560	154	1138785	50.550	ng	99
47) 2-Chloronaphthalene	9.589	162	904399	51.933	ng	99
48) 2-Nitroaniline	9.678	65	311813	55.568	ng	96
49) Acenaphthylene	10.007	152	1424356	51.127	ng	99
50) Dimethylphthalate	9.854	163	1089551	52.683	ng	99
51) 2,6-Dinitrotoluene	9.919	165	242257	60.435	ng	90
52) Acenaphthene	10.178	154	949086	56.637	ng	99
53) 3-Nitroaniline	10.089	138	162058	37.813	ng	95
54) 2,4-Dinitrophenol	10.195	184	255501	132.705	ng	# 47
55) Dibenzofuran	10.354	168	1284749	49.611	ng	96
56) 4-Nitrophenol	10.242	139	389145	124.760	ng	89
57) 2,4-Dinitrotoluene	10.325	165	321591	66.836	ng	96
58) Fluorene	10.701	166	963566	50.215	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.466	232	318525	58.066	ng	99
60) Diethylphthalate	10.560	149	1073482	52.931	ng	99
61) 4-Chlorophenyl-phenyle...	10.683	204	515506	50.170	ng	98
62) 4-Nitroaniline	10.713	138	235886	59.119	ng	99
63) Azobenzene	10.848	77	1030668	50.636	ng	98
65) 4,6-Dinitro-2-methylph...	10.730	198	172136	58.794	ng	91
66) n-Nitrosodiphenylamine	10.801	169	870814	47.232	ng	99
67) 4-Bromophenyl-phenylether	11.178	248	341040	48.601	ng	99
68) Hexachlorobenzene	11.248	284	370231	53.088	ng	96
69) Atrazine	11.330	200	326149	57.336	ng	98
70) Pentachlorophenol	11.442	266	446011	99.522	ng	99
71) Phenanthrene	11.672	178	1497590	49.571	ng	99
72) Anthracene	11.725	178	1521565	49.784	ng	99
73) Carbazole	11.872	167	1389642	53.229	ng	99
74) Di-n-butylphthalate	12.195	149	1614067	55.537	ng	99
75) Fluoranthene	12.866	202	1675284	53.984	ng	99
77) Benzidine	12.983	184	1038167	102.469	ng	100
78) Pyrene	13.101	202	1677367	53.936	ng	99
80) Butylbenzylphthalate	13.713	149	623126	60.683	ng	91
81) Benzo(a)anthracene	14.295	228	1303083	54.054	ng	99
82) 3,3'-Dichlorobenzidine	14.248	252	166047	24.733	ng	# 98
83) Chrysene	14.336	228	1187453	51.749	ng	99
84) Bis(2-ethylhexyl)phtha...	14.266	149	780177	56.801	ng	98
85) Di-n-octyl phthalate	14.907	149	1055968	51.068	ng	99
87) Indeno(1,2,3-cd)pyrene	17.571	276	1281886	54.783	ng	99
88) Benzo(b)fluoranthene	15.424	252	1034427	58.192	ng	99
89) Benzo(k)fluoranthene	15.454	252	1001688	55.252	ng	98
90) Benzo(a)pyrene	15.836	252	914976	53.507	ng	99
91) Dibenzo(a,h)anthracene	17.595	278	1027837	59.486	ng	98
92) Benzo(g,h,i)perylene	18.083	276	1090829	54.399	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.090 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF132152.D
 Acq: 19 Jan 2023 18:36

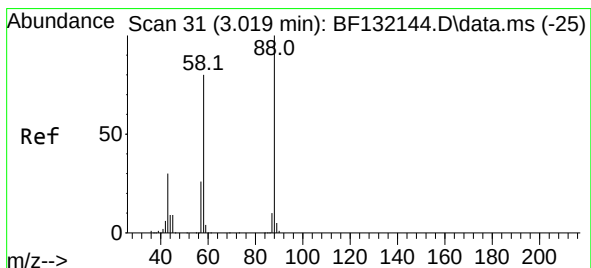
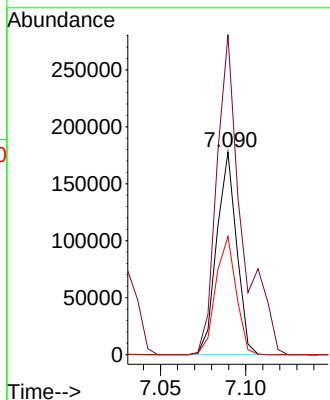
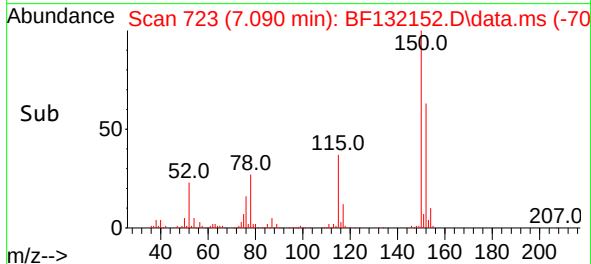
Instrument :
 BNA_F
 ClientSampleId :
 SP6108



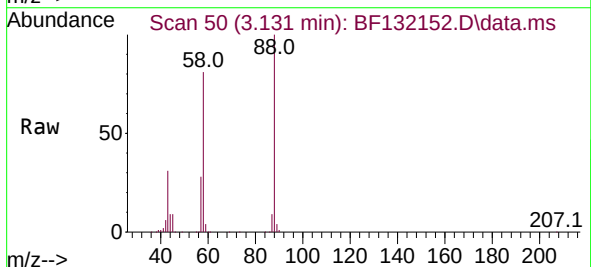
Tgt Ion:152 Resp: 143645
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.8 188.8
 115 58.4 49.2 73.8

Manual Integrations
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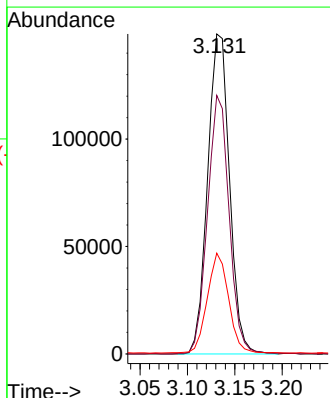
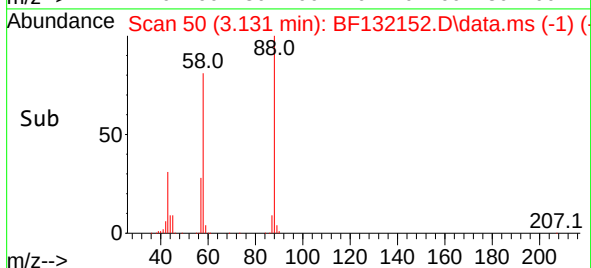
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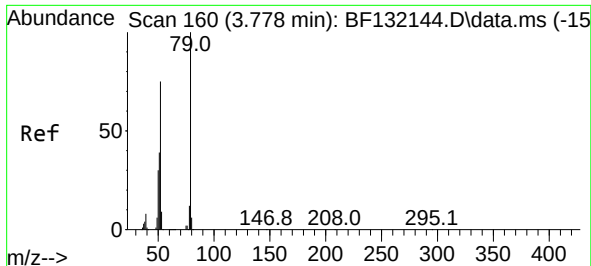


#2
 1,4-Dioxane
 Concen: 57.507 ng
 RT: 3.131 min Scan# 50
 Delta R.T. 0.112 min
 Lab File: BF132152.D
 Acq: 19 Jan 2023 18:36



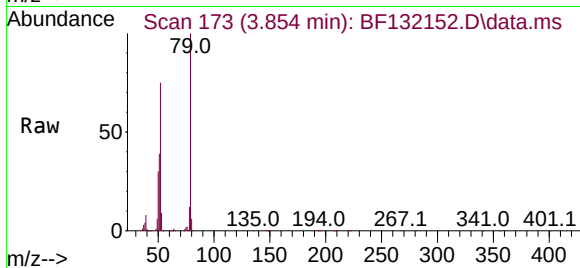
Tgt Ion: 88 Resp: 239571
 Ion Ratio Lower Upper
 88 100
 58 79.8 64.0 96.0
 43 30.5 24.2 36.4





#3
Pyridine
Concen: 52.154 ng
RT: 3.854 min Scan# 11
Delta R.T. 0.077 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

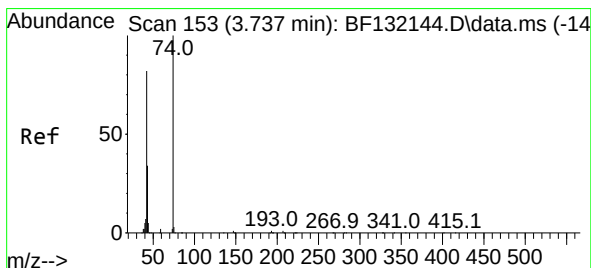
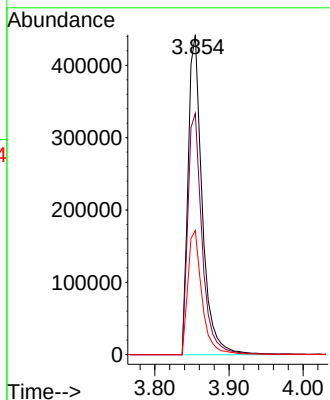
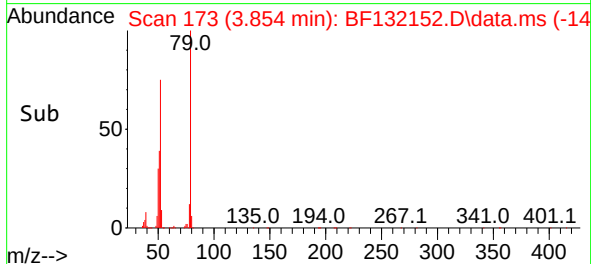
Instrument :
BNA_F
ClientSampleId :
SP6108



Tgt Ion: 79 Resp: 583254
Ion Ratio Lower Upper
79 100
52 75.4 60.1 90.1
51 38.8 31.4 47.0

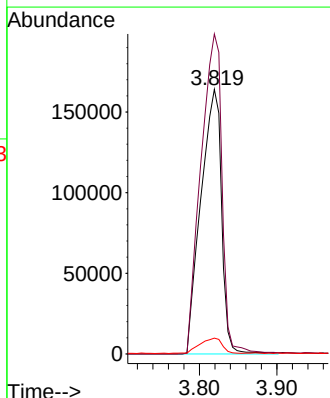
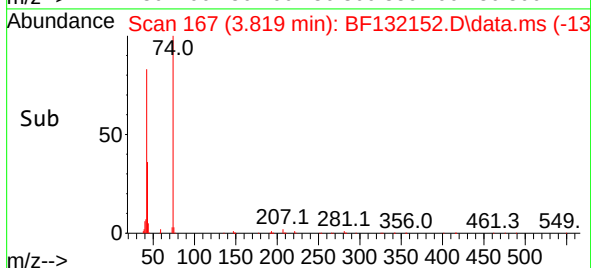
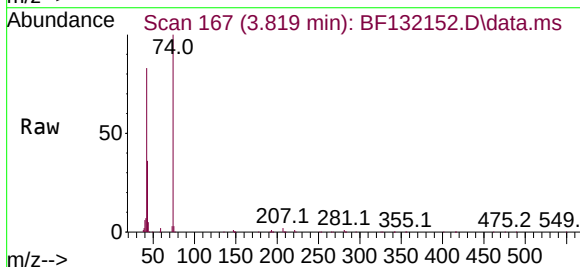
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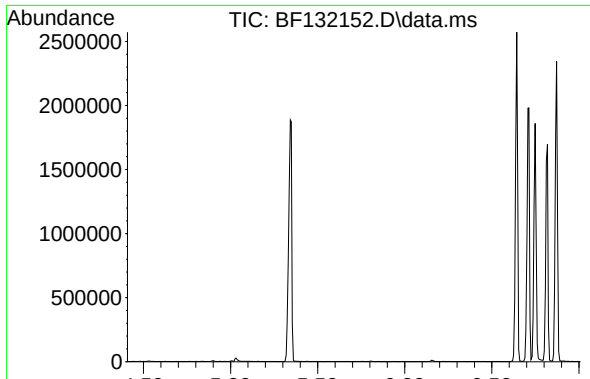
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#4
n-Nitrosodimethylamine
Concen: 57.732 ng
RT: 3.819 min Scan# 167
Delta R.T. 0.082 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

Tgt Ion: 42 Resp: 303642
Ion Ratio Lower Upper
42 100
74 120.9 98.1 147.1
44 6.0 5.2 7.8





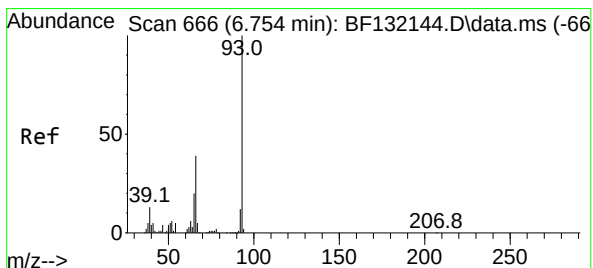
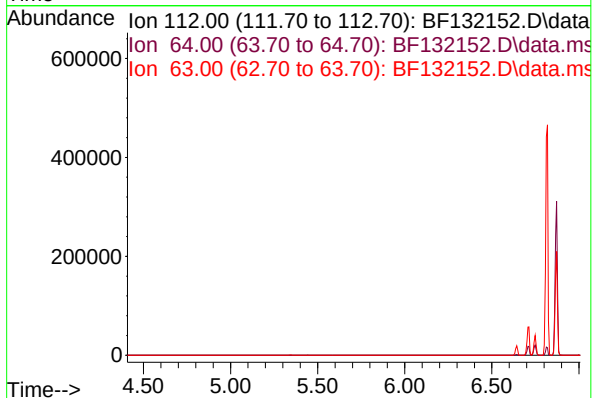
#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.71 min
 Lab File: BF132152.D
 Acq: 19 Jan 2023 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SP6108

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 64.2
 63 35.2

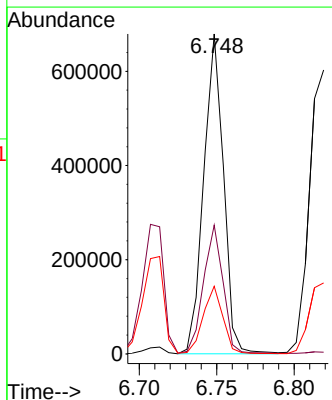
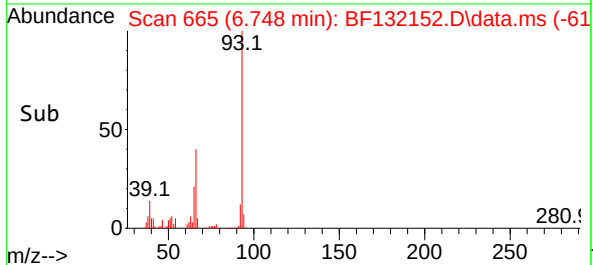
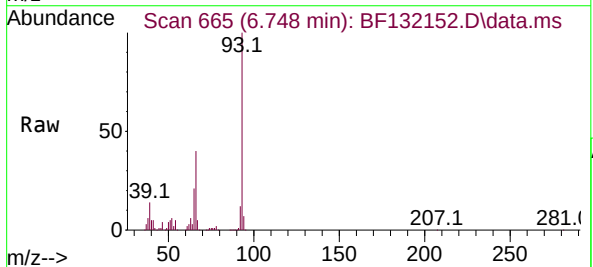
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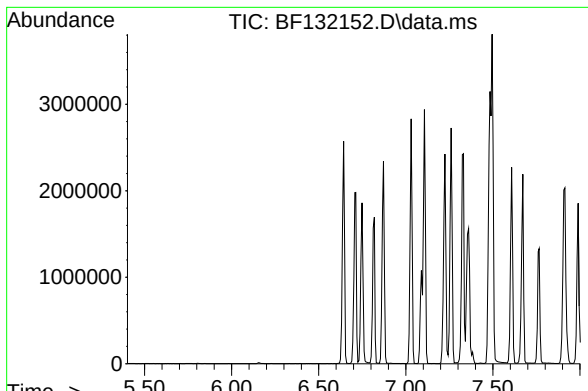
Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023



#6
 Aniline
 Concen: 42.377 ng
 RT: 6.748 min Scan# 665
 Delta R.T. -0.006 min
 Lab File: BF132152.D
 Acq: 19 Jan 2023 18:36

Tgt Ion: 93 Resp: 607577
 Ion Ratio Lower Upper
 93 100
 66 40.2 33.0 49.6
 65 21.1 16.8 25.2





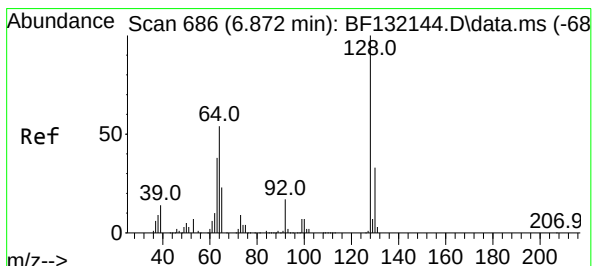
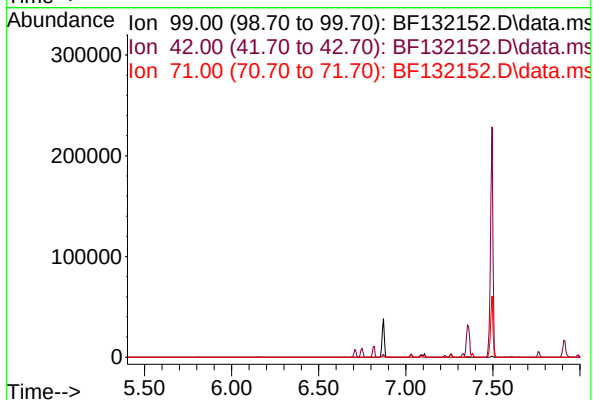
#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.70 min
 Lab File: BF132152.D
 Acq: 19 Jan 2023 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SP6108

Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 20.7
 71 38.5

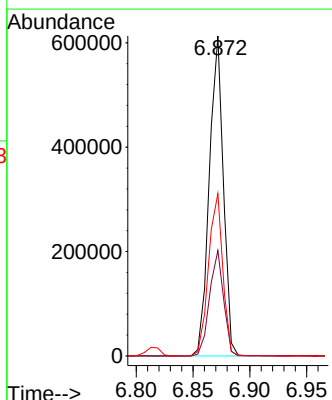
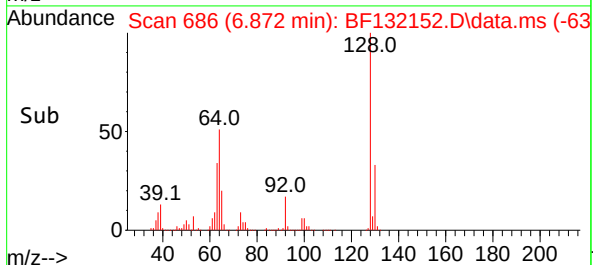
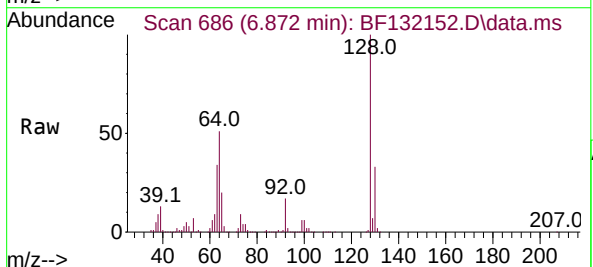
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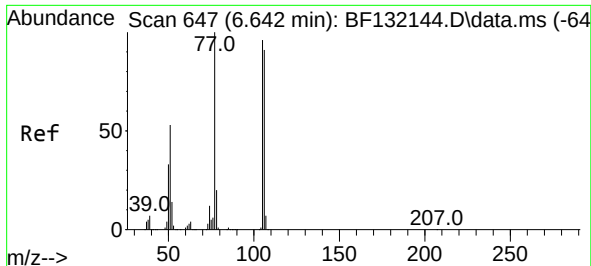
Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023



#8
 2-Chlorophenol
 Concen: 61.206 ng
 RT: 6.872 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: BF132152.D
 Acq: 19 Jan 2023 18:36

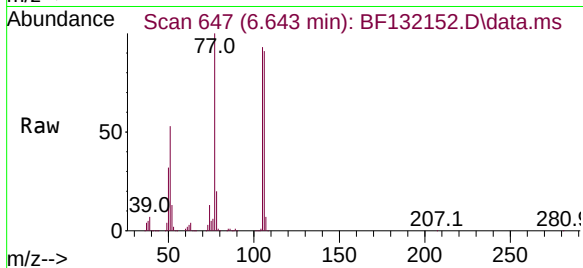
Tgt Ion:128 Resp: 529031
 Ion Ratio Lower Upper
 128 100
 130 32.9 12.8 52.8
 64 50.7 34.8 74.8





#9
Benzaldehyde
Concen: 69.702 ng
RT: 6.643 min Scan# 647
Delta R.T. 0.001 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

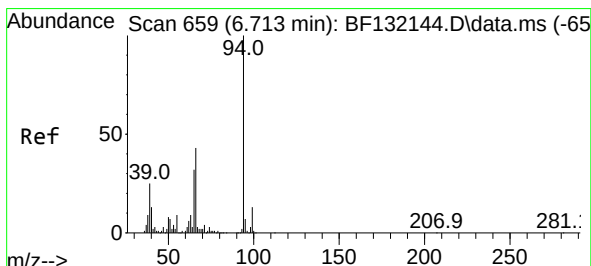
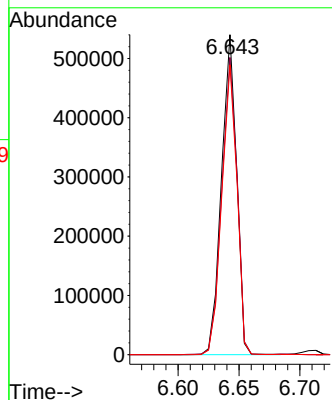
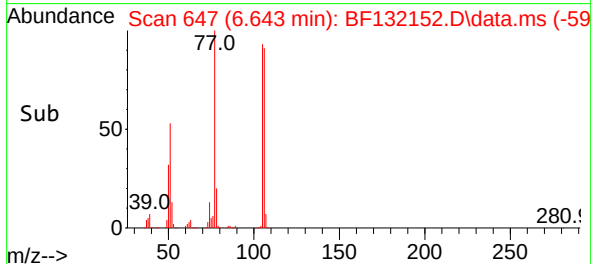
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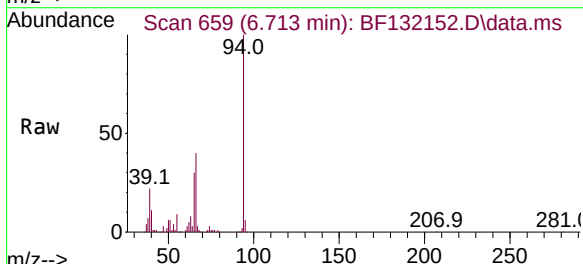
Tgt Ion: 77 Resp: 464164
Ion Ratio Lower Upper
77 100
105 92.9 75.5 115.5
106 90.6 70.7 110.7

Manual Integrations
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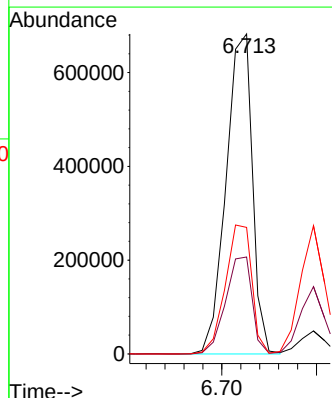
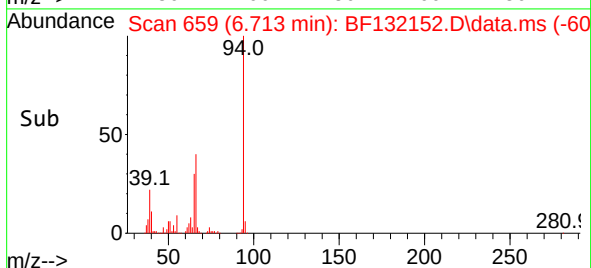
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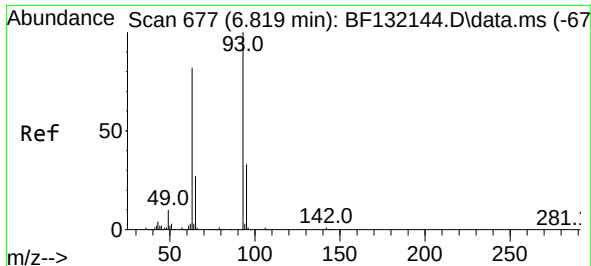


#10
Phenol
Concen: 61.271 ng
RT: 6.713 min Scan# 659
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



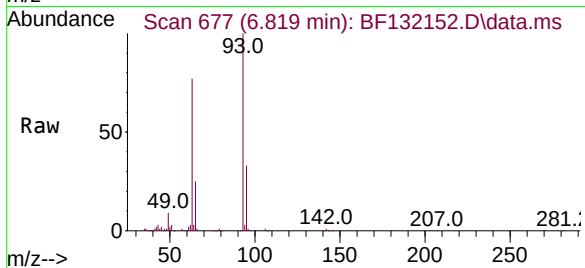
Tgt Ion: 94 Resp: 660255
Ion Ratio Lower Upper
94 100
65 30.3 12.0 52.0
66 39.5 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 57.013 ng
RT: 6.819 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

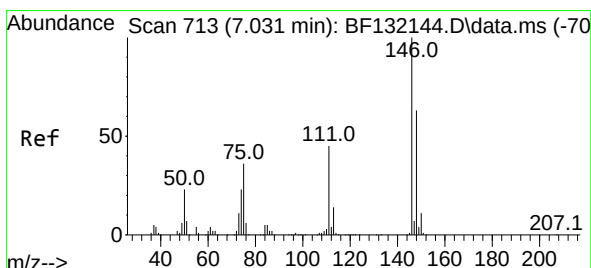
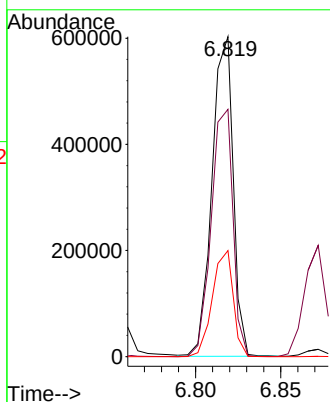
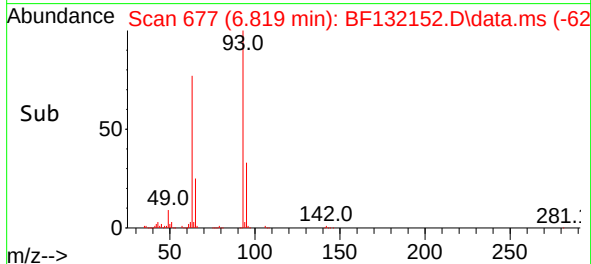
Instrument :
BNA_F
ClientSampleId :
SP6108



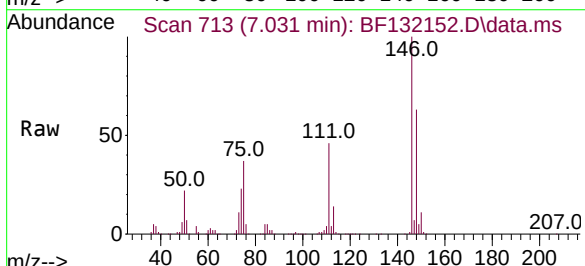
Tgt Ion: 93 Resp: 52093
Ion Ratio Lower Upper
93 100
63 77.3 61.6 101.6
95 33.1 12.7 52.7

Manual Integrations
APPROVED

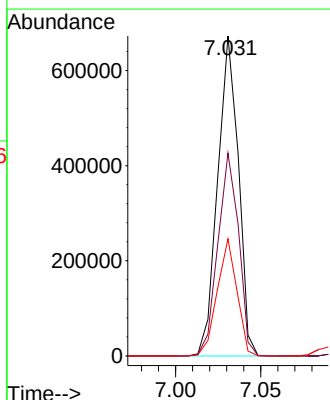
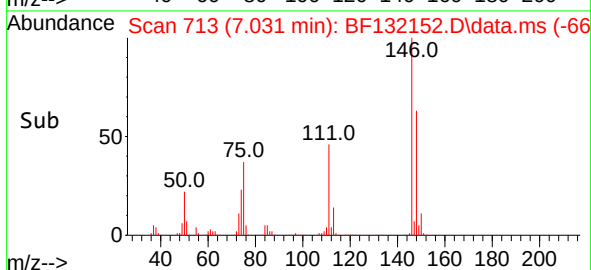
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

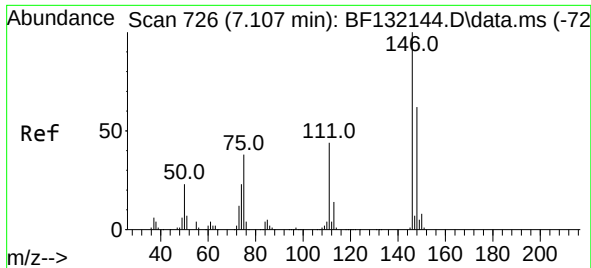


#12
1,3-Dichlorobenzene
Concen: 58.666 ng
RT: 7.031 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



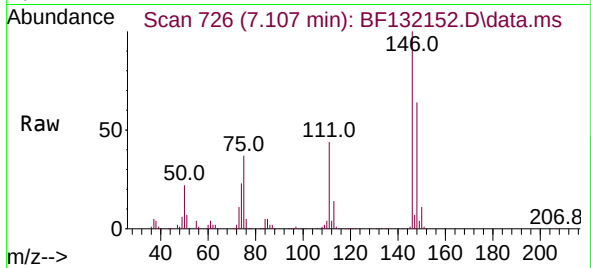
Tgt Ion:146 Resp: 566824
Ion Ratio Lower Upper
146 100
148 63.4 50.0 75.0
75 36.6 28.8 43.2





#13
1,4-Dichlorobenzene
Concen: 58.653 ng
RT: 7.107 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

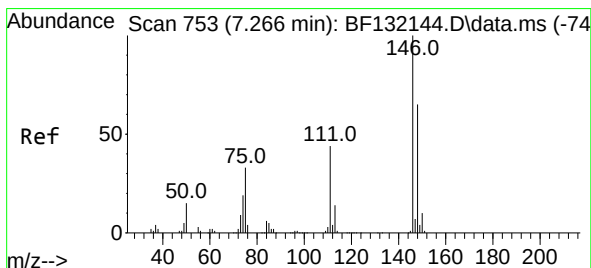
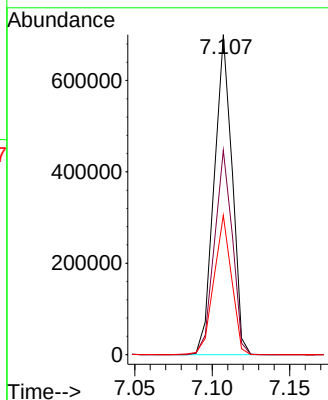
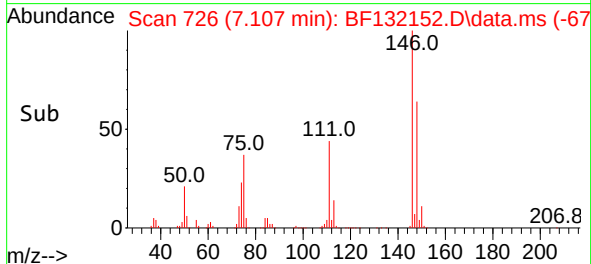
Instrument :
BNA_F
ClientSampleId :
SP6108



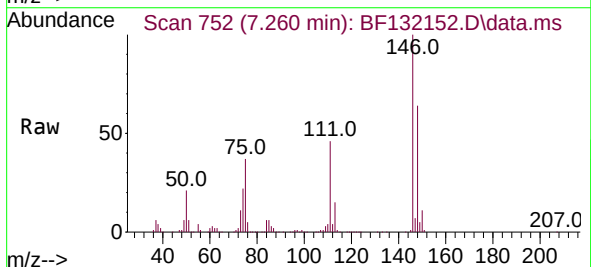
Tgt Ion:146 Resp: 565472
Ion Ratio Lower Upper
146 100
148 63.9 49.9 74.9
111 43.5 35.2 52.8

Manual Integrations
APPROVED

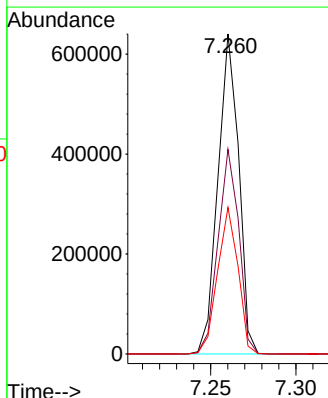
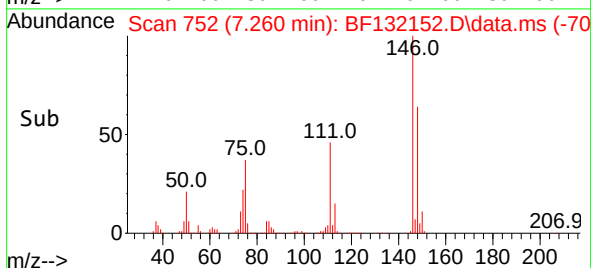
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

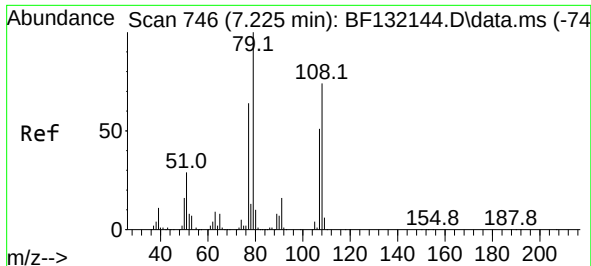


#14
1,2-Dichlorobenzene
Concen: 60.725 ng
RT: 7.260 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



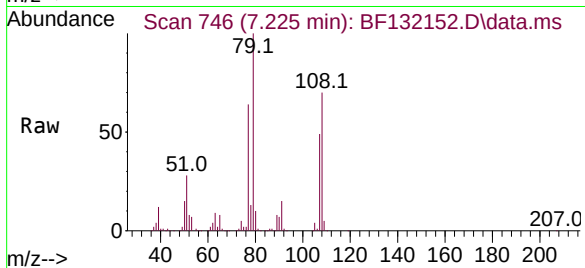
Tgt Ion:146 Resp: 541348
Ion Ratio Lower Upper
146 100
148 63.9 52.0 78.0
111 45.8 35.4 53.2





#15
Benzyl Alcohol
Concen: 59.731 ng m
RT: 7.225 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

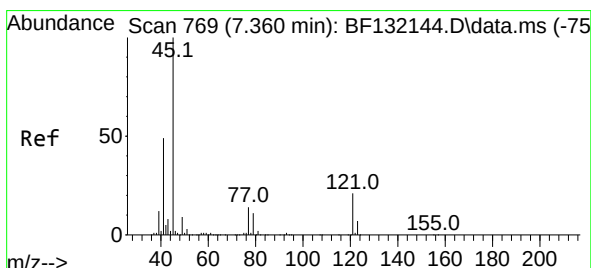
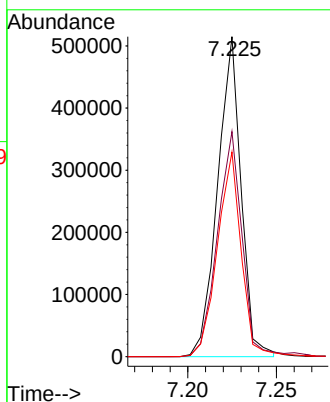
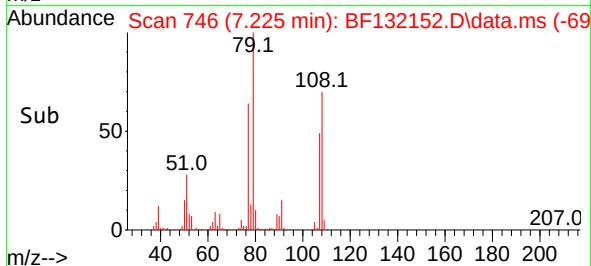
Instrument :
BNA_F
ClientSampleId :
SP6108



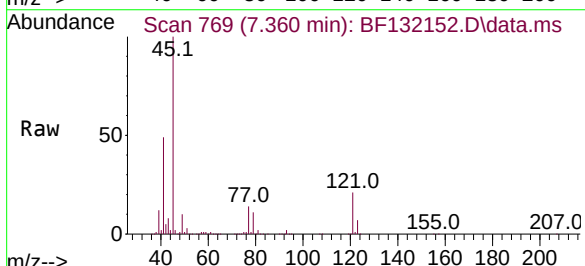
Tgt Ion: 79 Resp: 472919
Ion Ratio Lower Upper
79 100
108 70.3 58.9 88.3
77 63.9 51.1 76.7

Manual Integrations
APPROVED

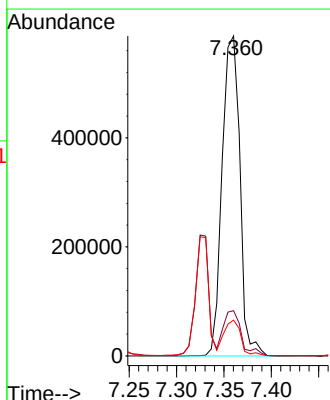
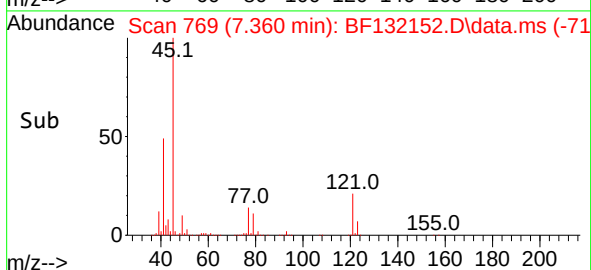
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

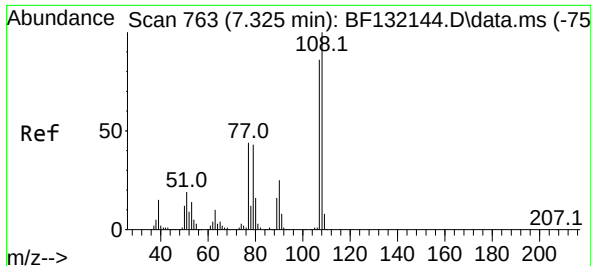


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.636 ng
RT: 7.360 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



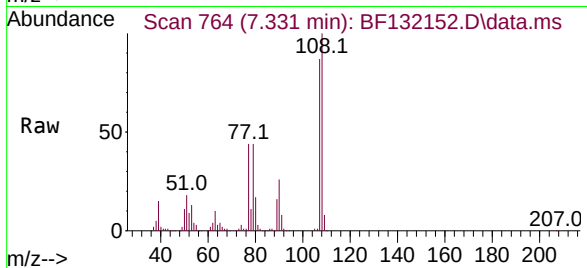
Tgt Ion: 45 Resp: 764169
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.3
79 11.2 0.0 30.9





#17
2-Methylphenol
Concen: 53.427 ng
RT: 7.331 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

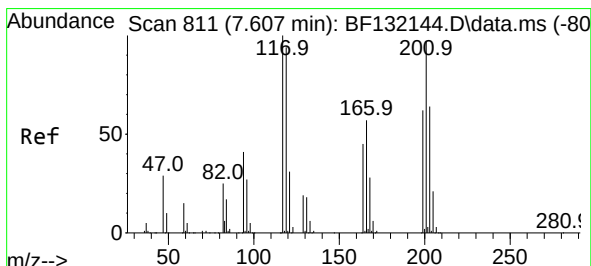
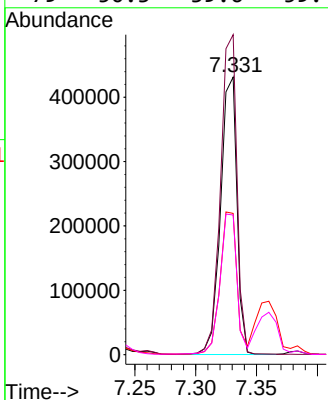
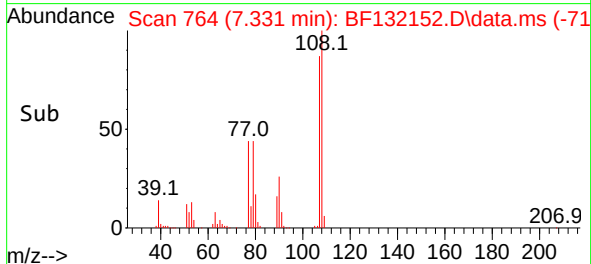
Instrument :
BNA_F
ClientSampleId :
SP6108



Tgt Ion:107 Resp: 404562
Ion Ratio Lower Upper
107 100
108 115.3 92.8 139.2
77 50.9 41.1 61.7
79 50.3 39.6 59.4

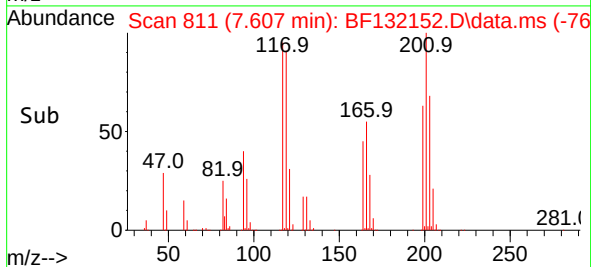
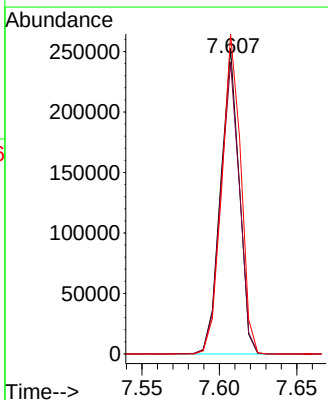
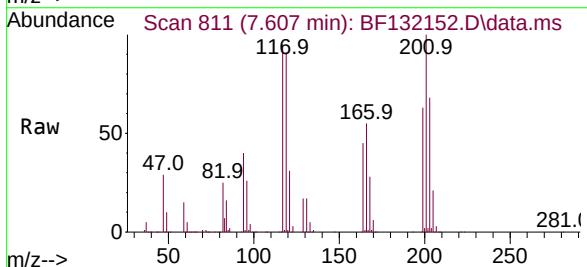
Manual Integrations
APPROVED

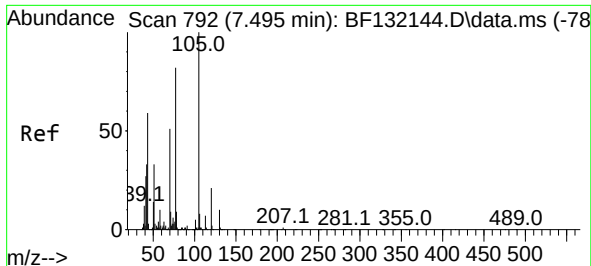
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#18
Hexachloroethane
Concen: 60.928 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

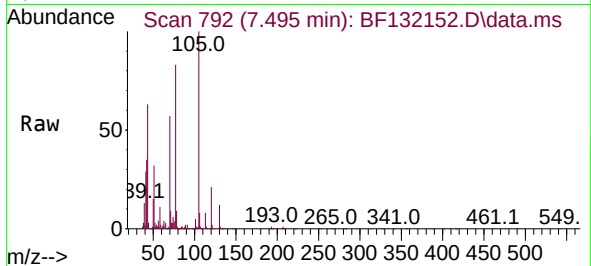
Tgt Ion:117 Resp: 210859
Ion Ratio Lower Upper
117 100
119 95.5 75.4 113.0
201 104.8 77.9 116.9





#19
n-Nitroso-di-n-propylamine
Concen: 53.972 ng
RT: 7.495 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

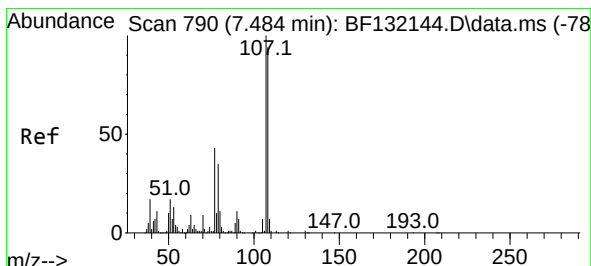
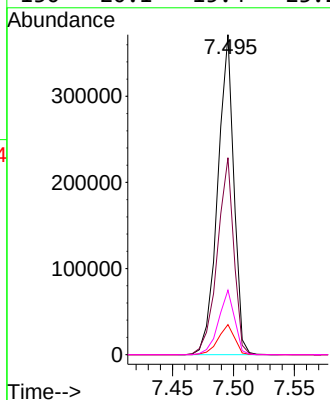
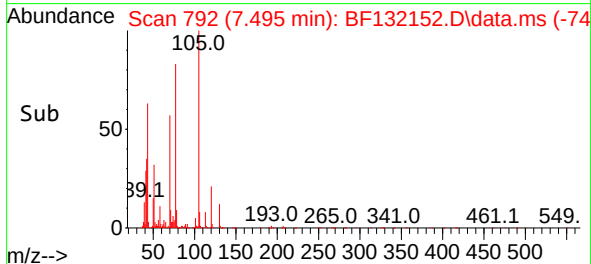
Instrument :
BNA_F
ClientSampleId :
SP6108



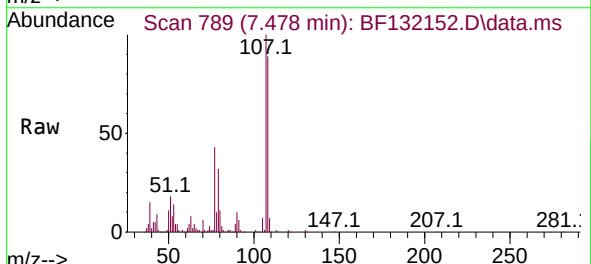
Tgt Ion: 70 Resp: 342210
Ion Ratio Lower Upper
70 100
42 61.6 51.0 76.4
101 9.4 7.3 10.9
130 20.1 15.4 23.2

Manual Integrations
APPROVED

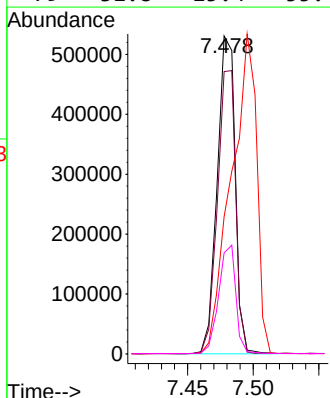
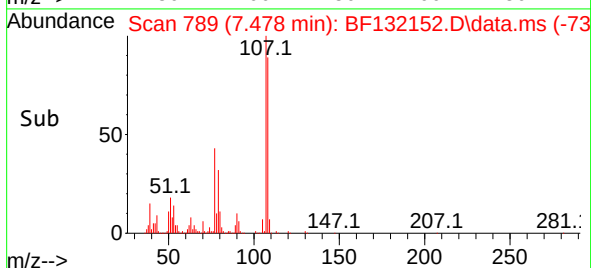
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

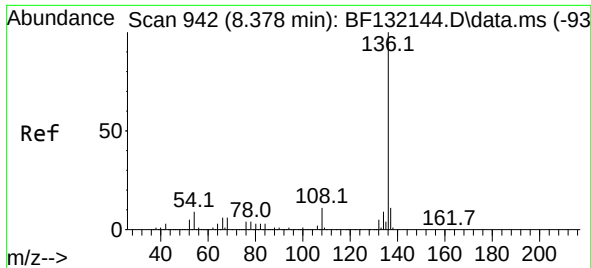


#20
3+4-Methylphenols
Concen: 53.461 ng
RT: 7.478 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



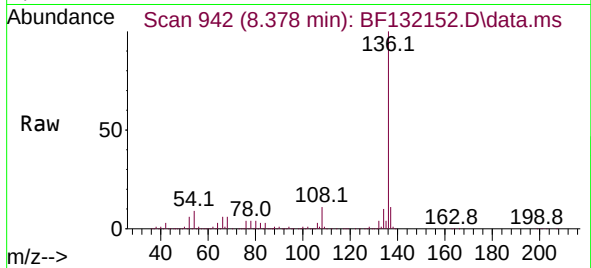
Tgt Ion:107 Resp: 510103
Ion Ratio Lower Upper
107 100
108 88.8 73.8 113.8
77 43.1 22.8 62.8
79 31.8 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

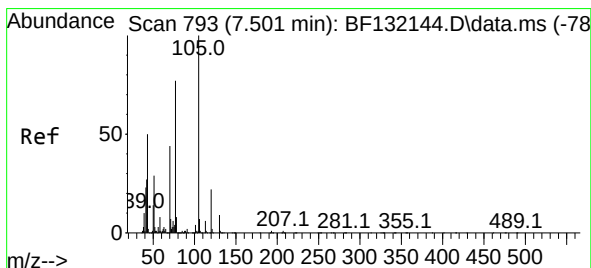
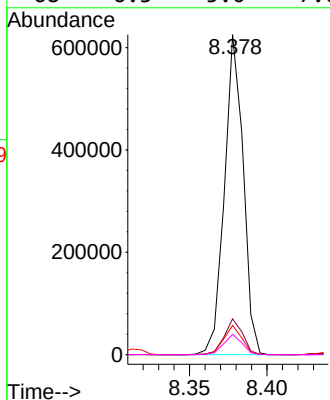
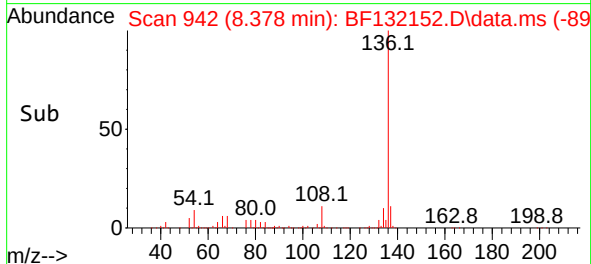
Instrument :
BNA_F
ClientSampleId :
SP6108



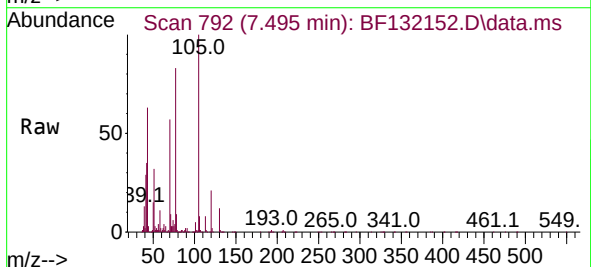
Tgt Ion:136 Resp: 525806
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.1 7.0 10.6
68 6.3 5.0 7.6

Manual Integrations
APPROVED

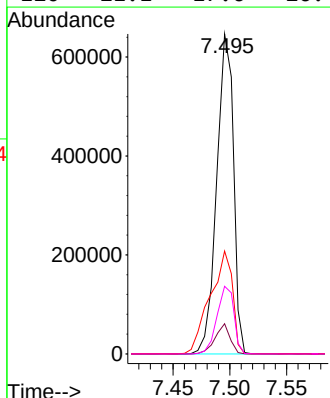
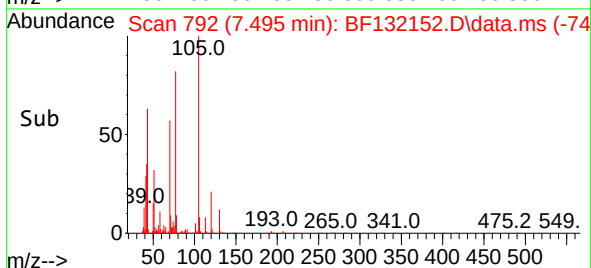
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

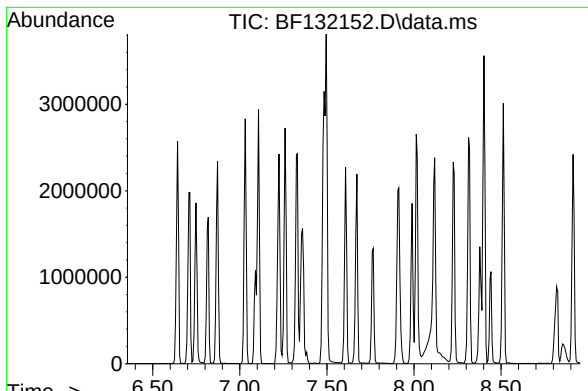


#22
Acetophenone
Concen: 52.456 ng
RT: 7.495 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



Tgt Ion:105 Resp: 662930
Ion Ratio Lower Upper
105 100
71 9.4 5.8 8.6#
51 32.1 23.0 34.6
120 21.1 17.6 26.4



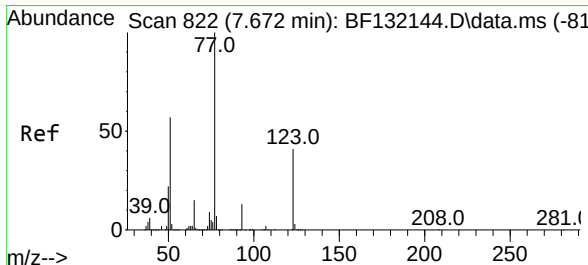
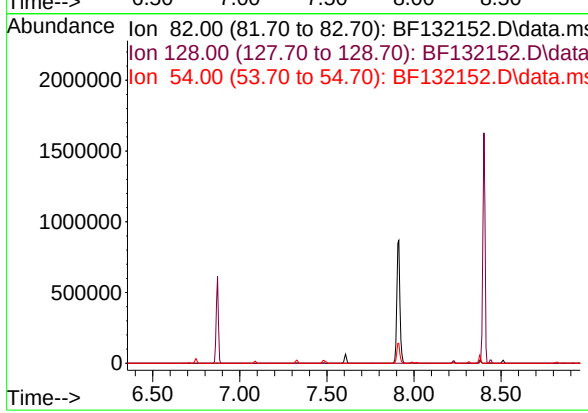


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.65 min
 Lab File: BF132152.D
 Acq: 19 Jan 2023 18:36

Tgt Ion	Sig	Exp Ratio
82	82	100
128	54	38.9
54	54	54.9

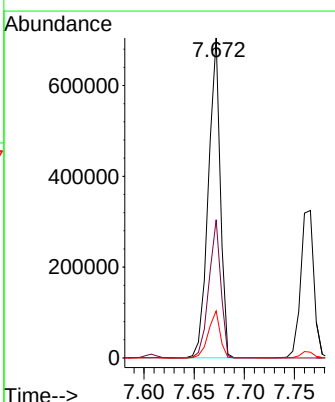
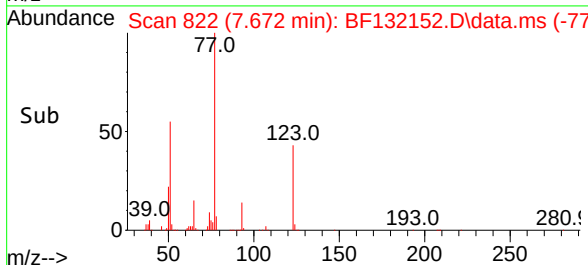
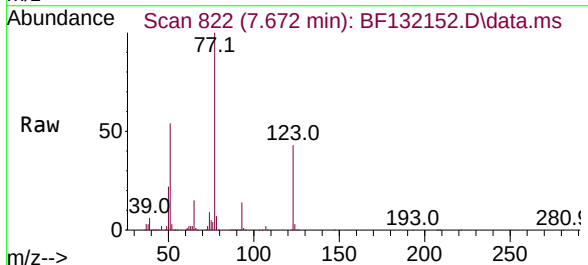
Instrument :
 BNA_F
ClientSampleId :
 SP6108

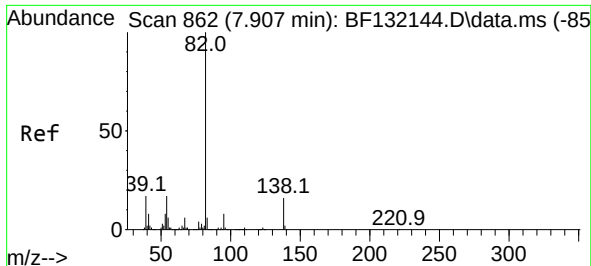
Manual Integrations
APPROVED
 Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023



#24
 Nitrobenzene
 Concen: 55.561 ng
 RT: 7.672 min Scan# 822
 Delta R.T. -0.000 min
 Lab File: BF132152.D
 Acq: 19 Jan 2023 18:36

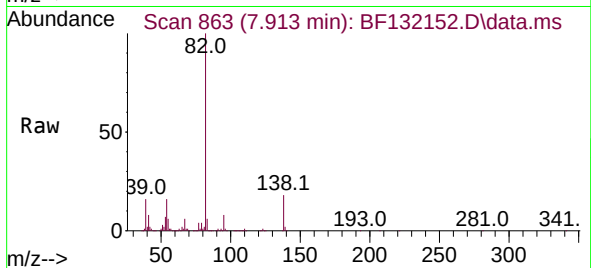
Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.2	33.1	49.7
65	14.7	11.7	17.5





#25
Isophorone
Concen: 54.589 ng
RT: 7.913 min Scan# 863
Delta R.T. 0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

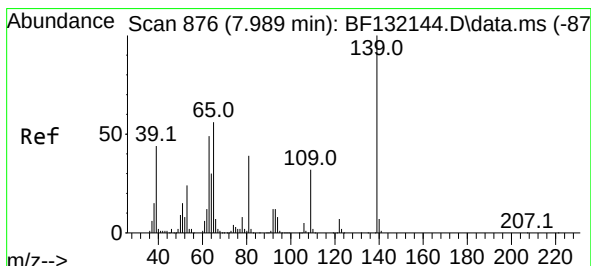
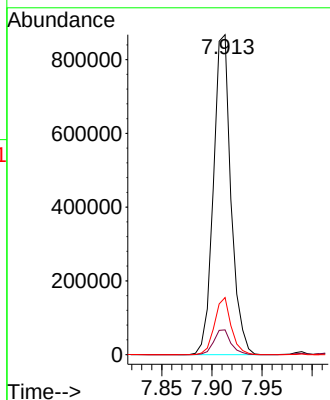
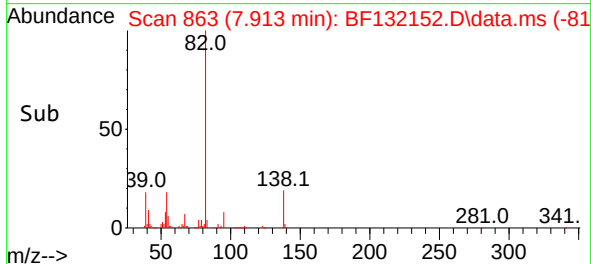
Instrument :
BNA_F
ClientSampleId :
SP6108



Tgt Ion: 82 Resp: 1057197
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 17.8 12.9 19.3

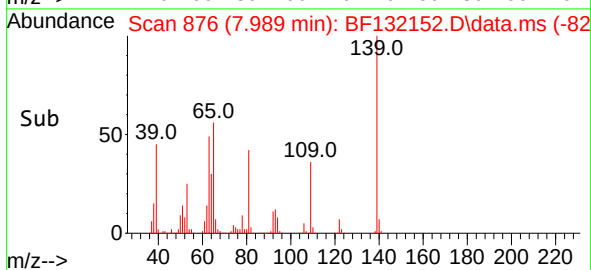
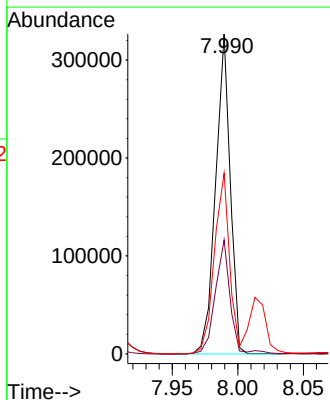
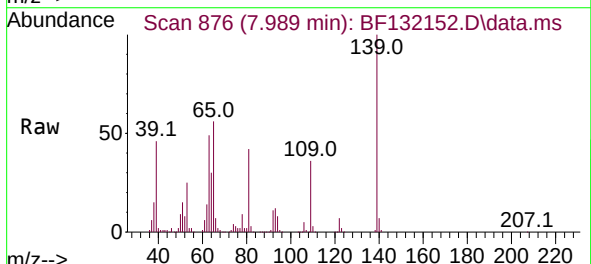
Manual Integrations
APPROVED

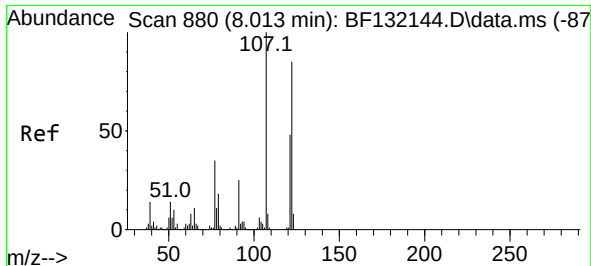
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#26
2-Nitrophenol
Concen: 62.808 ng
RT: 7.989 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

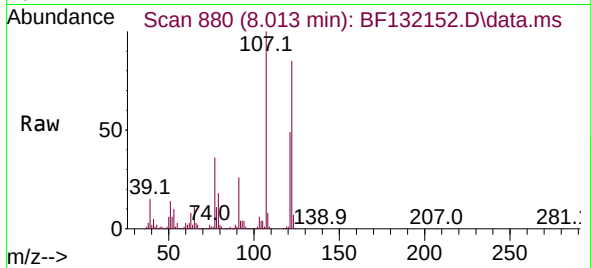
Tgt Ion:139 Resp: 253963
Ion Ratio Lower Upper
139 100
109 35.6 25.8 38.8
65 56.5 44.6 66.8





#27
2,4-Dimethylphenol
Concen: 56.666 ng
RT: 8.013 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

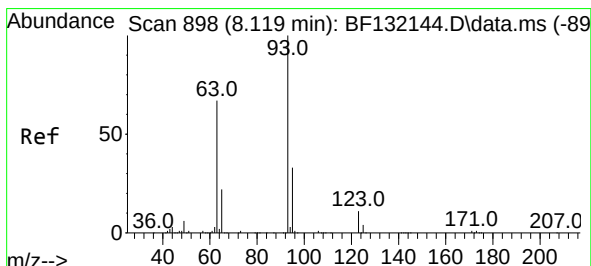
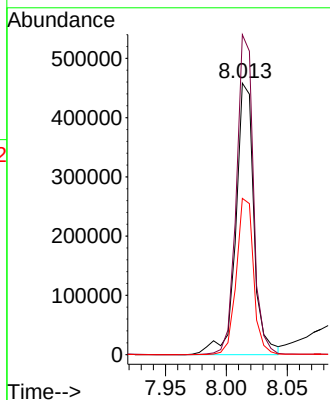
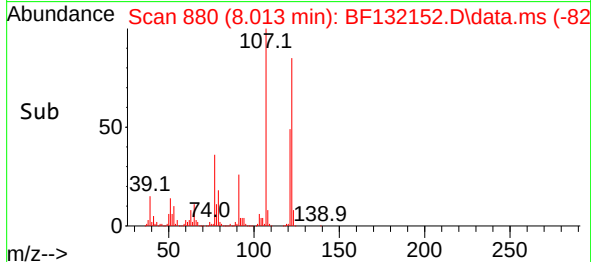
Instrument :
BNA_F
ClientSampleId :
SP6108



Tgt Ion:122 Resp: 474863
Ion Ratio Lower Upper
122 100
107 117.9 94.2 141.4
121 57.6 45.6 68.4

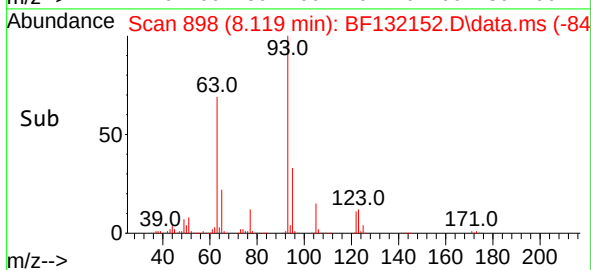
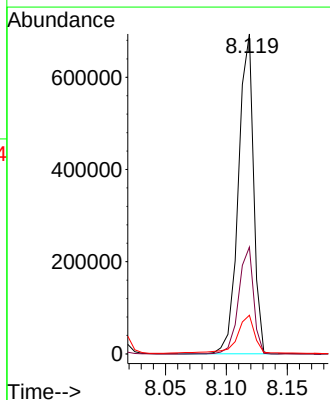
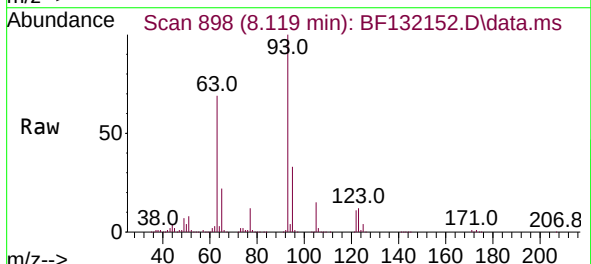
Manual Integrations
APPROVED

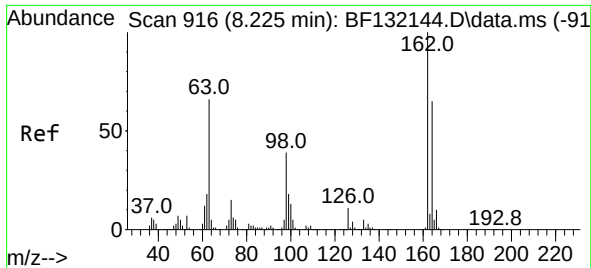
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 51.762 ng
RT: 8.119 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

Tgt Ion: 93 Resp: 601463
Ion Ratio Lower Upper
93 100
95 33.4 26.2 39.2
123 12.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 55.272 ng

RT: 8.231 min Scan# 916

Delta R.T. 0.006 min

Lab File: BF132152.D

Acq: 19 Jan 2023 18:36

Instrument :

BNA_F

ClientSampleId :

SP6108

Tgt Ion:162 Resp: 439736

Ion Ratio Lower Upper

162 100

164 64.5 44.7 84.7

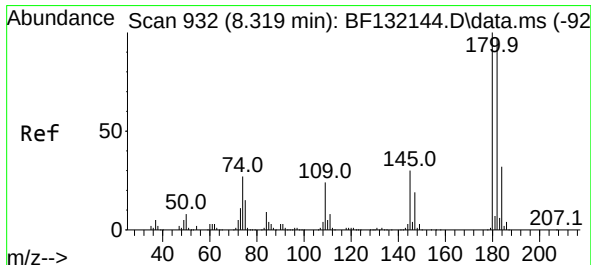
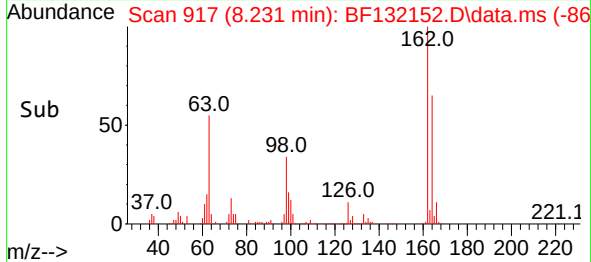
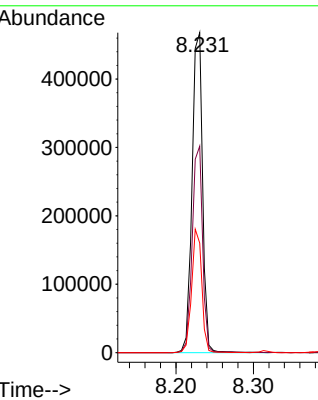
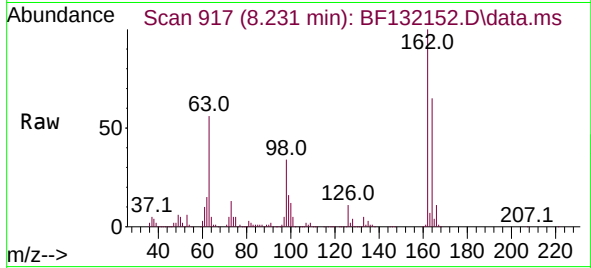
98 34.2 18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 53.804 ng

RT: 8.319 min Scan# 932

Delta R.T. 0.000 min

Lab File: BF132152.D

Acq: 19 Jan 2023 18:36

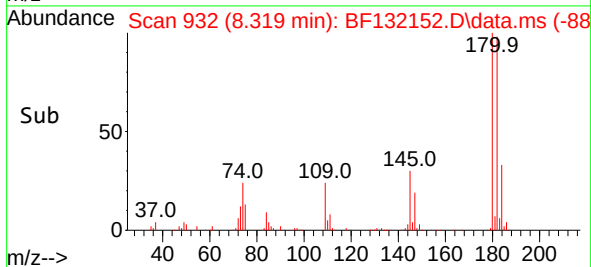
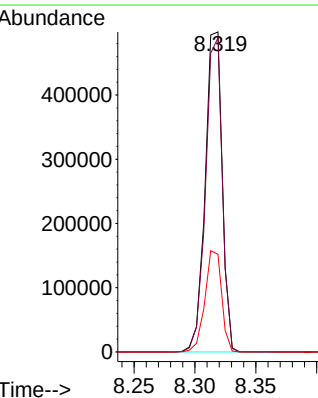
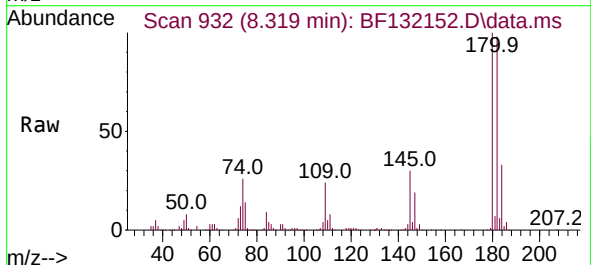
Tgt Ion:180 Resp: 486191

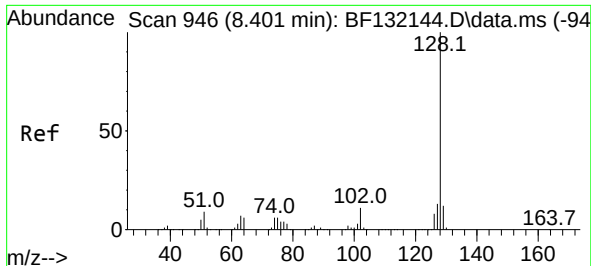
Ion Ratio Lower Upper

180 100

182 98.1 77.4 116.0

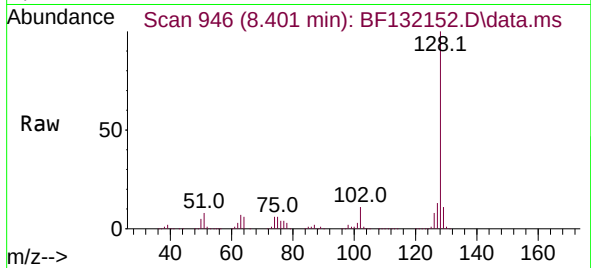
145 30.5 23.8 35.6





#31
Naphthalene
Concen: 52.057 ng
RT: 8.401 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

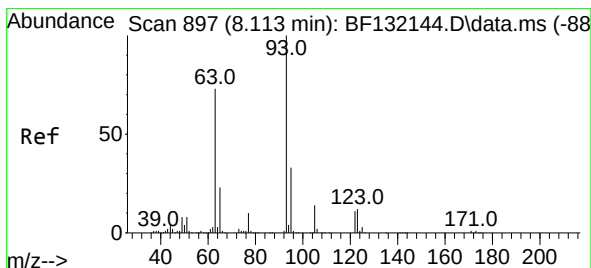
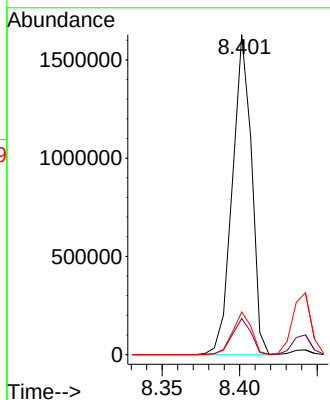
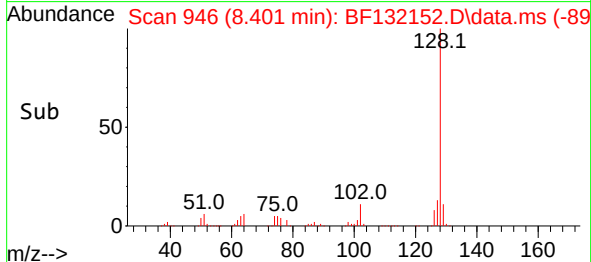
Instrument :
BNA_F
ClientSampleId :
SP6108



Tgt Ion:128 Resp: 1405754
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.3 10.6 15.8

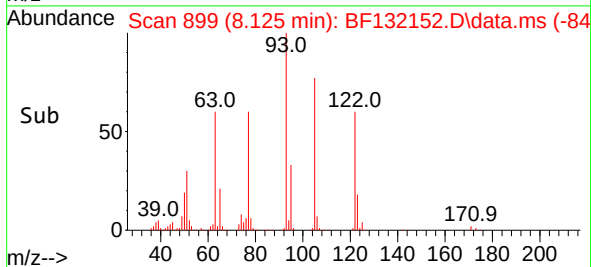
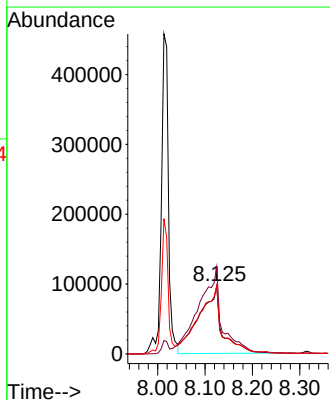
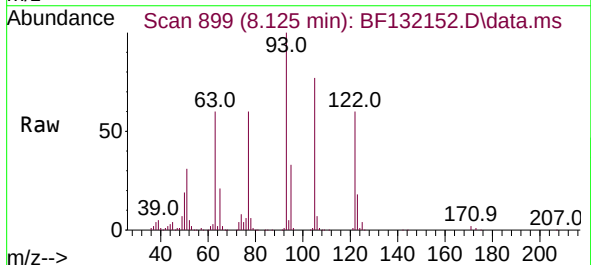
Manual Integrations
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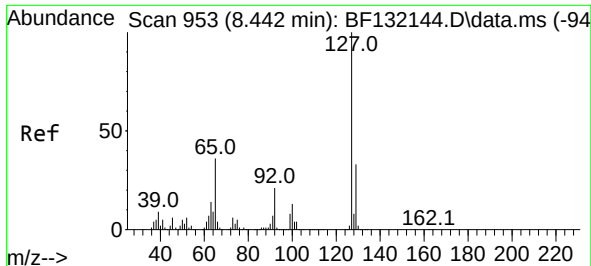
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#32
Benzoic acid
Concen: 57.195 ng
RT: 8.125 min Scan# 899
Delta R.T. 0.012 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

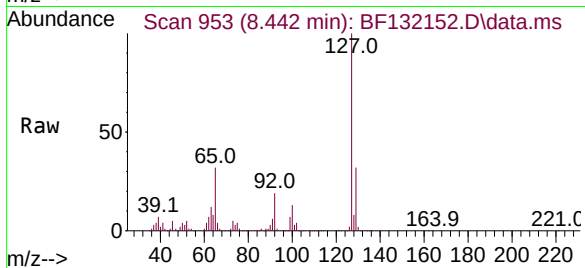
Tgt Ion:122 Resp: 330087
Ion Ratio Lower Upper
122 100
105 128.0 96.8 136.8
77 99.9 72.5 112.5





#33
4-Chloroaniline
Concen: 22.856 ng
RT: 8.442 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

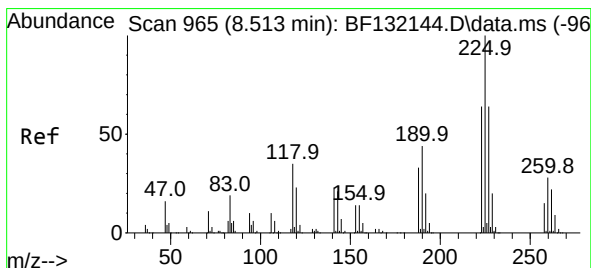
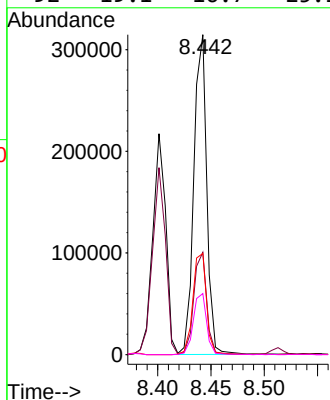
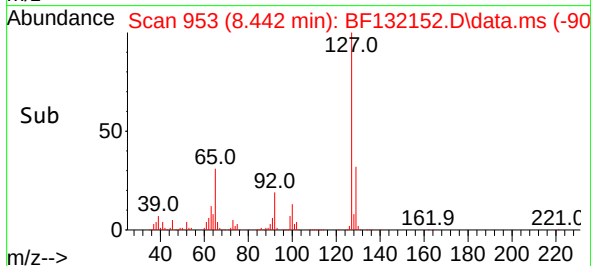
Instrument :
BNA_F
ClientSampleId :
SP6108



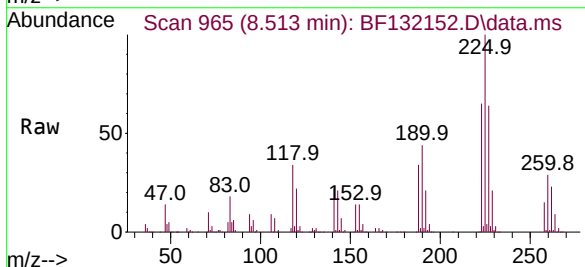
Tgt Ion:127 Resp: 264133
Ion Ratio Lower Upper
127 100
129 32.0 26.0 39.0
65 31.6 28.4 42.6
92 19.1 16.7 25.1

Manual Integrations
APPROVED

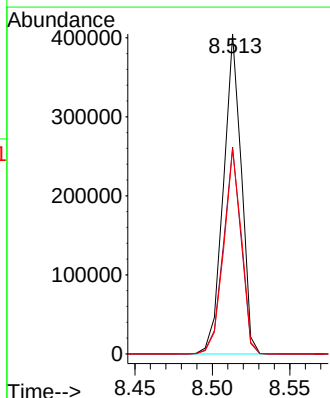
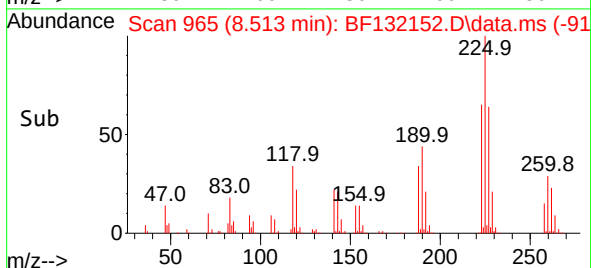
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

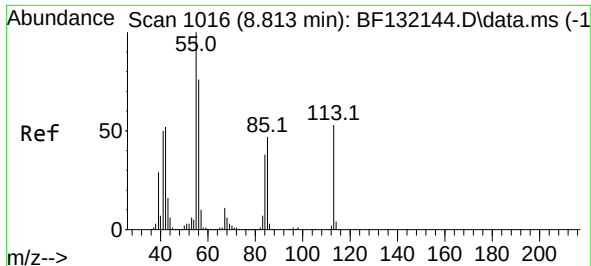


#34
Hexachlorobutadiene
Concen: 53.801 ng
RT: 8.513 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



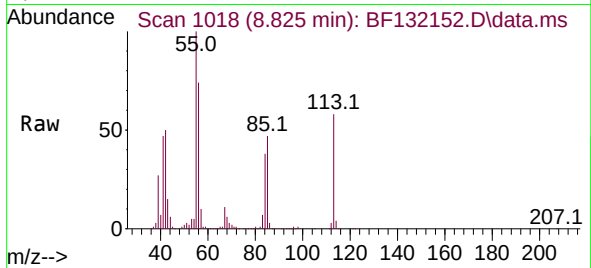
Tgt Ion:225 Resp: 326596
Ion Ratio Lower Upper
225 100
223 64.6 50.9 76.3
227 64.1 50.8 76.2





#35
Caprolactam
Concen: 65.865 ng m
RT: 8.825 min Scan# 1016
Delta R.T. 0.012 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

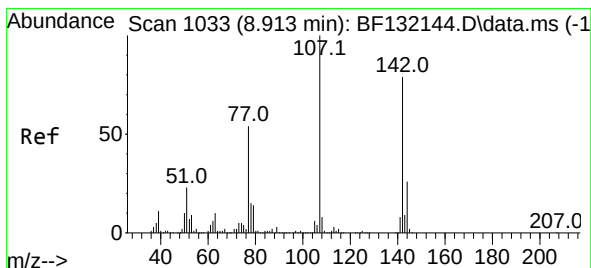
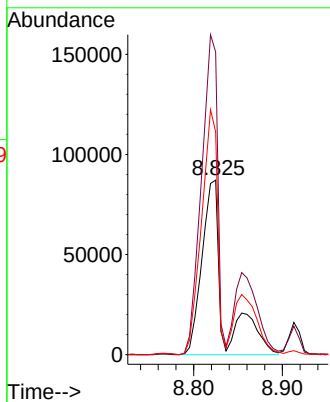
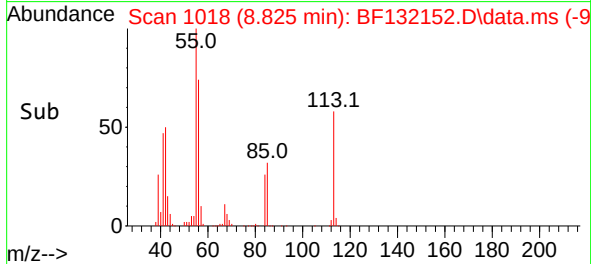
Instrument :
BNA_F
ClientSampleId :
SP6108



Tgt Ion:113 Resp: 148598
Ion Ratio Lower Upper
113 100
55 173.4 167.5 207.5
56 127.7 122.0 162.0

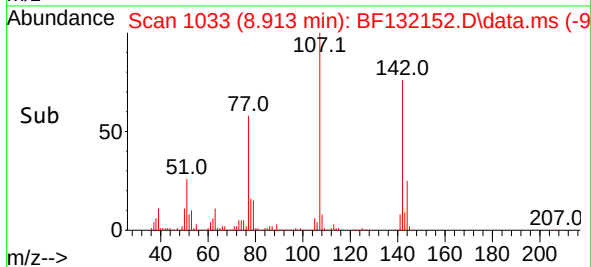
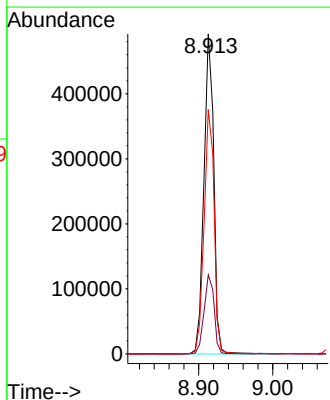
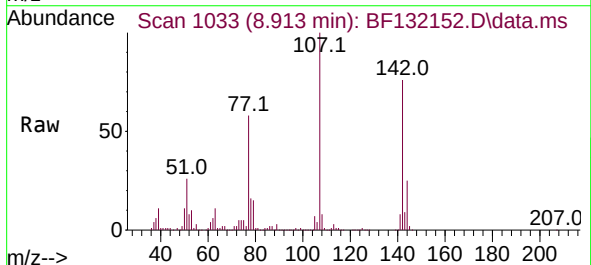
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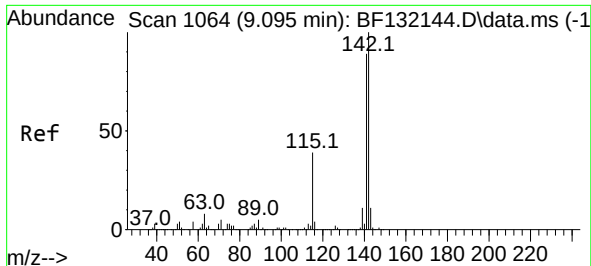
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#36
4-Chloro-3-methylphenol
Concen: 56.479 ng
RT: 8.913 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

Tgt Ion:107 Resp: 452185
Ion Ratio Lower Upper
107 100
144 24.7 21.0 31.4
142 76.3 63.6 95.4





#37

2-Methylnaphthalene

Concen: 49.863 ng

RT: 9.095 min Scan# 1064

Delta R.T. 0.000 min

Lab File: BF132152.D

Acq: 19 Jan 2023 18:36

Instrument :

BNA_F

ClientSampleId :

SP6108

Tgt Ion:142 Resp: 927070

Ion Ratio Lower Upper

142 100

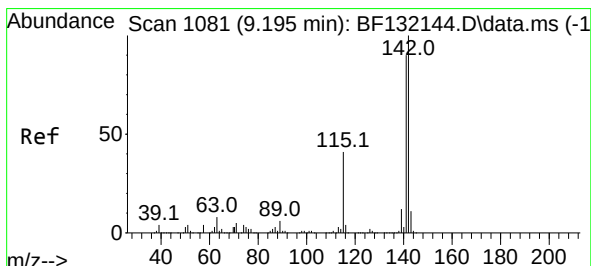
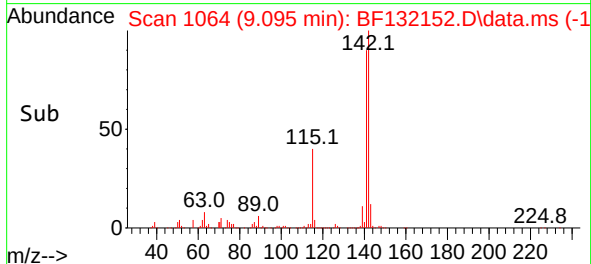
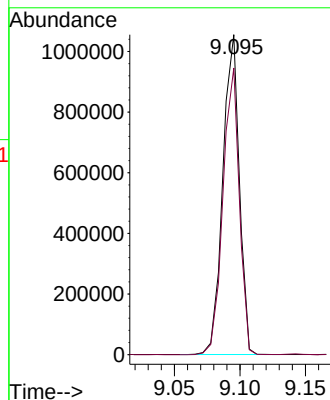
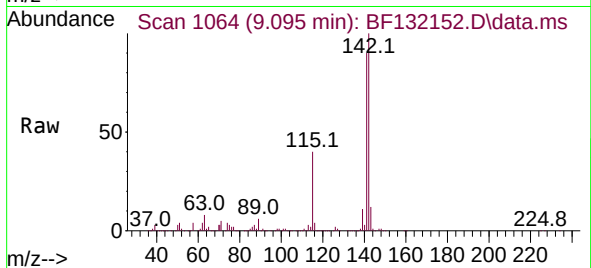
141 89.6 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#38

1-Methylnaphthalene

Concen: 49.408 ng

RT: 9.195 min Scan# 1081

Delta R.T. 0.000 min

Lab File: BF132152.D

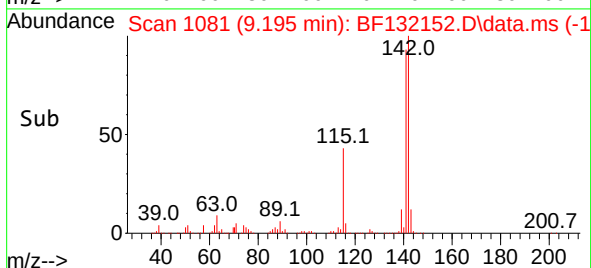
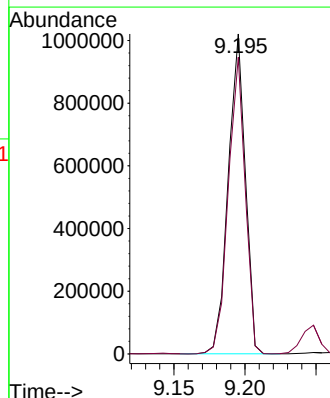
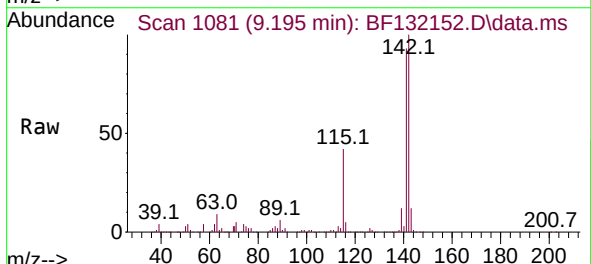
Acq: 19 Jan 2023 18:36

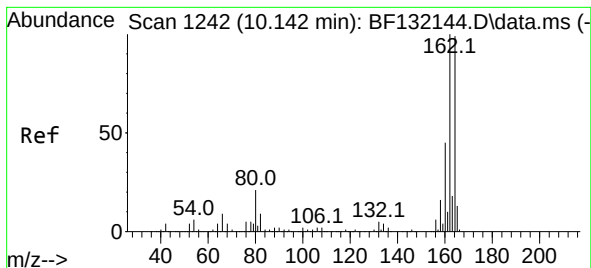
Tgt Ion:142 Resp: 854718

Ion Ratio Lower Upper

142 100

141 92.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.142 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132152.D

Acq: 19 Jan 2023 18:36

Instrument :

BNA_F

ClientSampleId :

SP6108

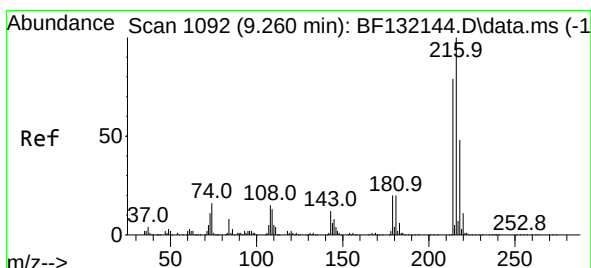
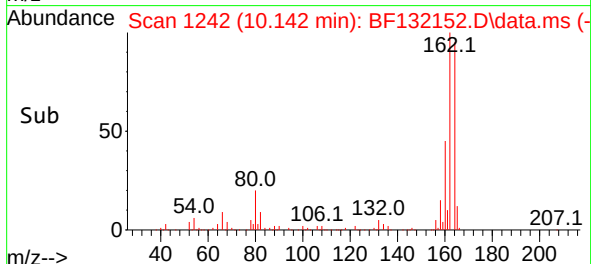
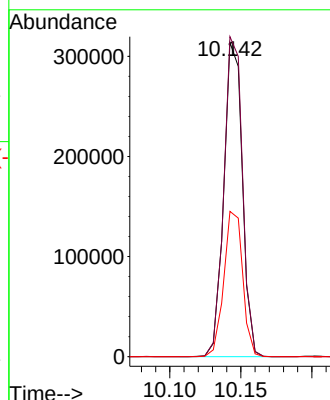
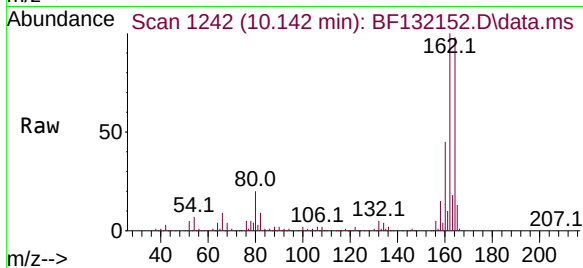
Tgt Ion:164 Resp: 285552

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.2	121.8
160	46.2	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.826 ng

RT: 9.260 min Scan# 1092

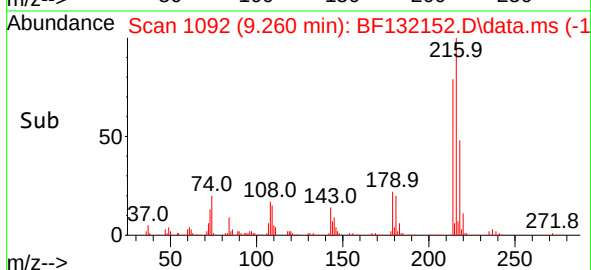
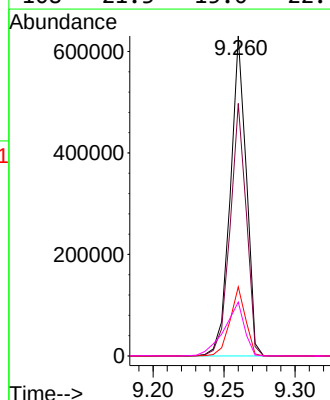
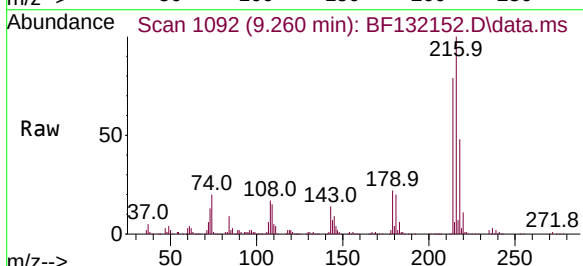
Delta R.T. 0.000 min

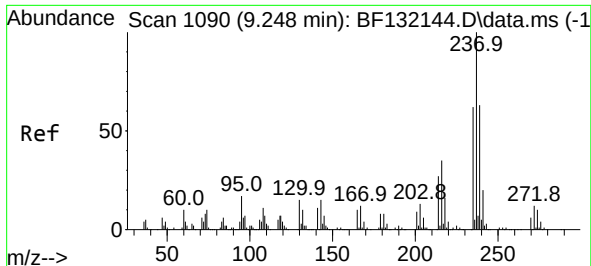
Lab File: BF132152.D

Acq: 19 Jan 2023 18:36

Tgt Ion:216 Resp: 495038

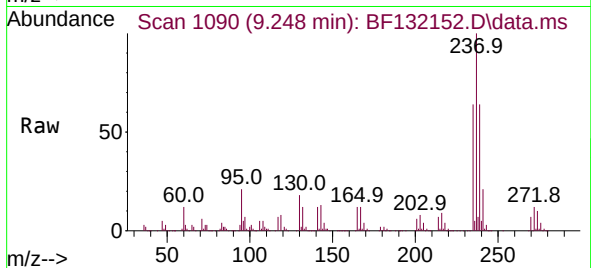
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.1	94.7
179	21.0	16.6	24.8
108	21.3	15.0	22.4





#41
Hexachlorocyclopentadiene
Concen: 123.097 ng
RT: 9.248 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

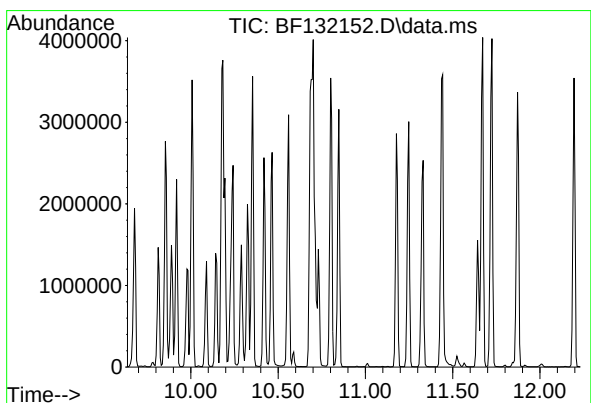
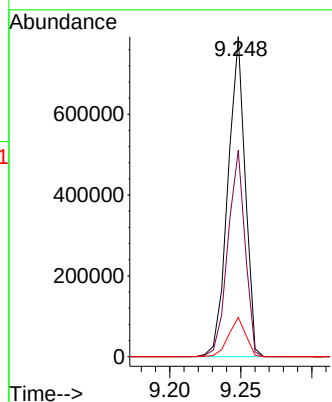
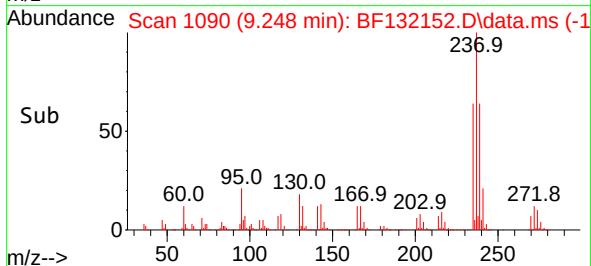
Instrument :
BNA_F
ClientSampleId :
SP6108



Tgt Ion: 237 Resp: 667383
Ion Ratio Lower Upper
237 100
235 64.5 41.7 81.7
272 12.2 0.0 32.3

Manual Integrations
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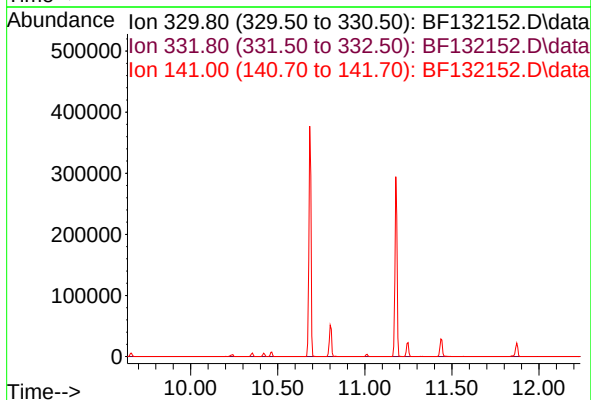
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

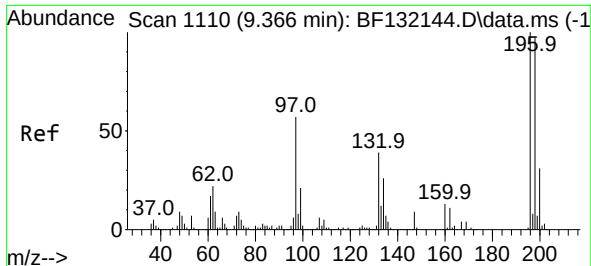


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.94 min

Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

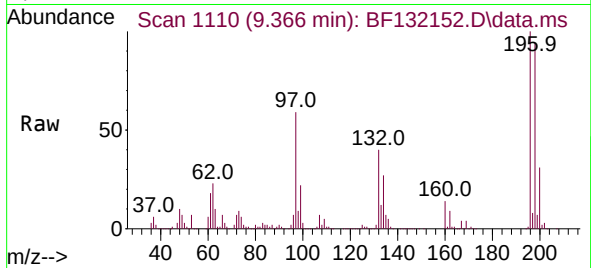
Tgt Ion: 330
Sig Exp Ratio
330 100
332 94.5
141 33.9





#43
2,4,6-Trichlorophenol
Concen: 55.548 ng
RT: 9.366 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

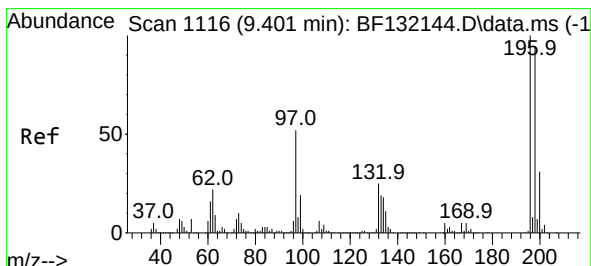
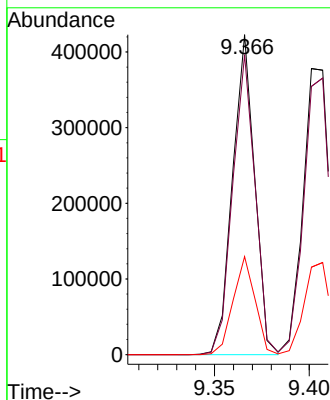
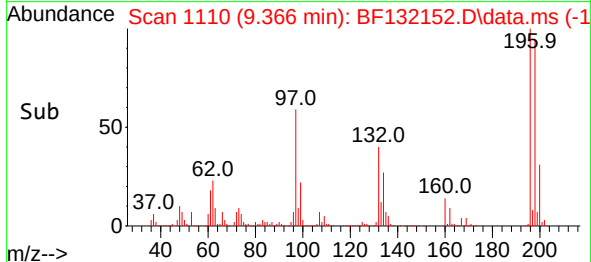
Instrument :
BNA_F
ClientSampleId :
SP6108



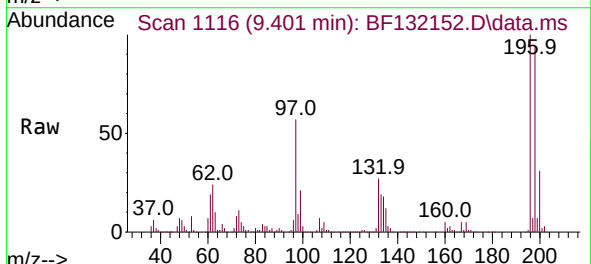
Tgt Ion:196 Resp: 342511
Ion Ratio Lower Upper
196 100
198 93.7 77.4 116.2
200 30.6 24.9 37.3

Manual Integrations
APPROVED

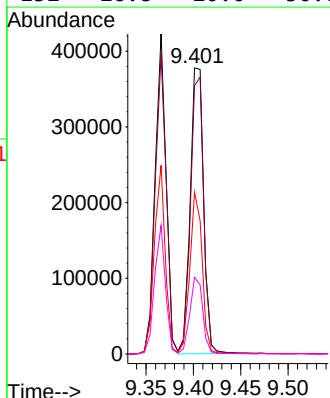
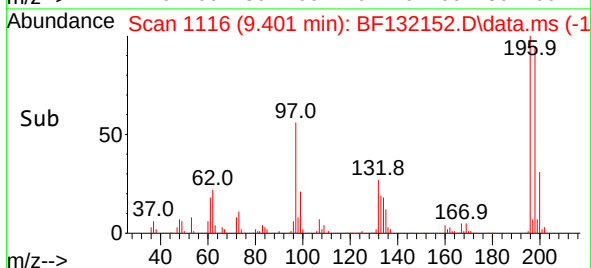
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

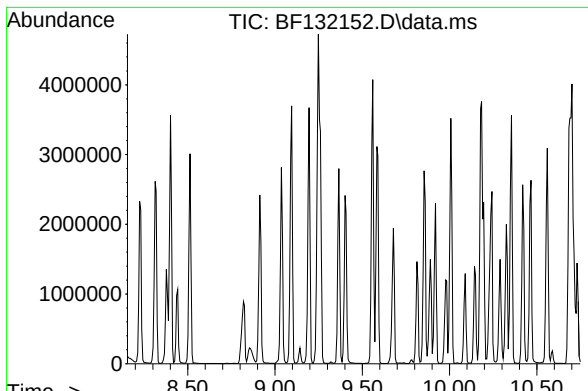


#44
2,4,5-Trichlorophenol
Concen: 51.595 ng
RT: 9.401 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



Tgt Ion:196 Resp: 372068
Ion Ratio Lower Upper
196 100
198 93.8 75.3 112.9
97 56.5 41.3 61.9
132 26.8 20.0 30.0





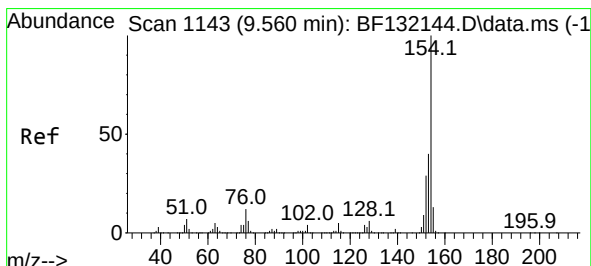
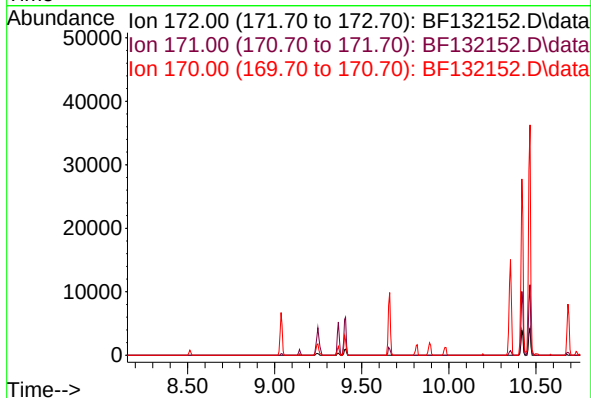
#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.45 min
 Lab File: BF132152.D
 Acq: 19 Jan 2023 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SP6108

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.2
 170 24.5

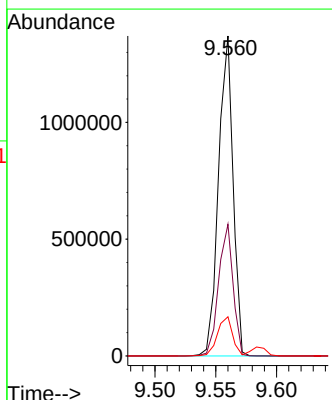
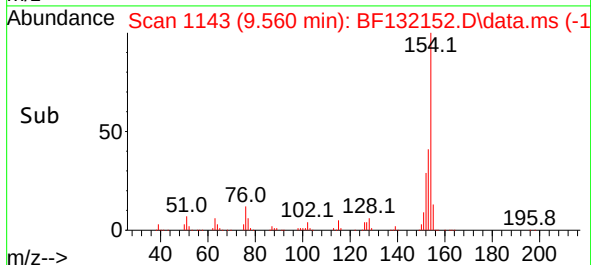
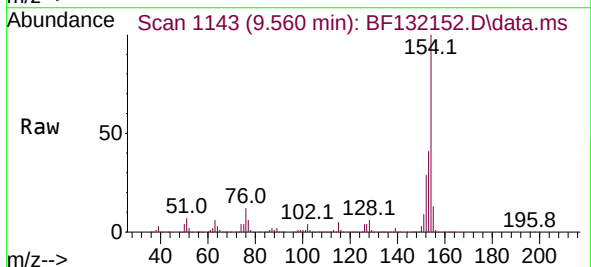
Manual Integrations
 APPROVED

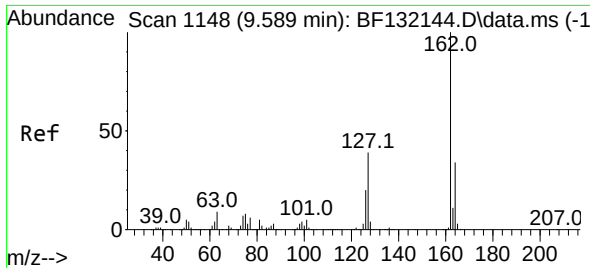
Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023



#46
 1,1'-Biphenyl
 Concen: 50.550 ng
 RT: 9.560 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: BF132152.D
 Acq: 19 Jan 2023 18:36

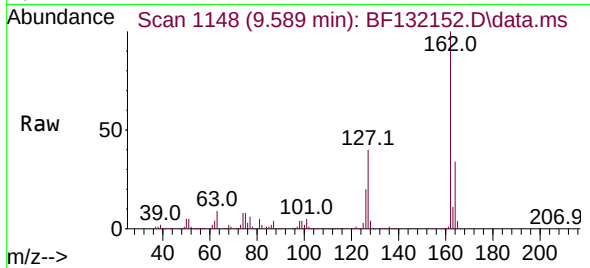
Tgt Ion:154 Resp: 1138785
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.2 60.2
 76 12.2 0.0 32.2





#47
2-Chloronaphthalene
Concen: 51.933 ng
RT: 9.589 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

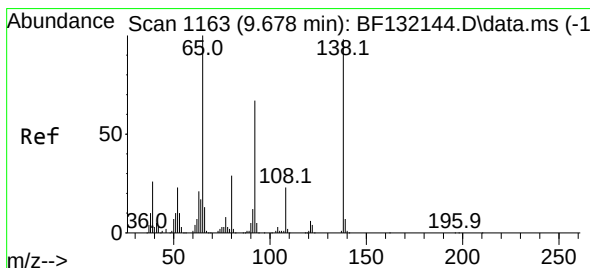
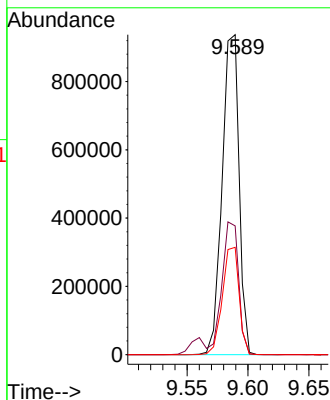
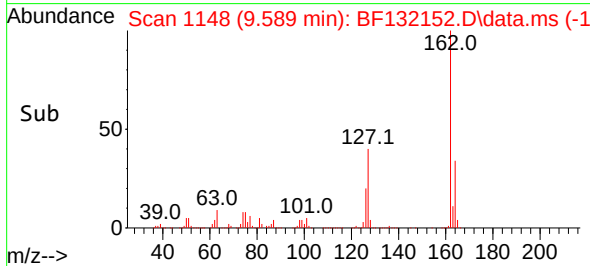
Instrument :
BNA_F
ClientSampleId :
SP6108



Tgt Ion:162 Resp: 904399
Ion Ratio Lower Upper
162 100
127 40.2 31.1 46.7
164 33.5 26.9 40.3

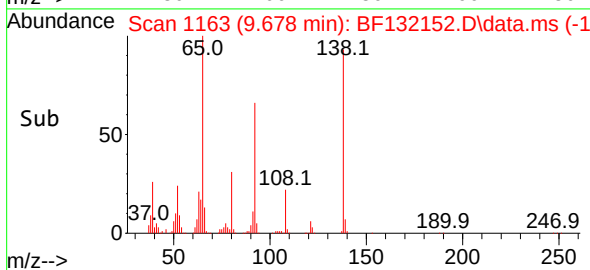
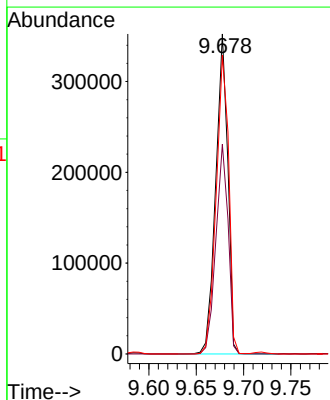
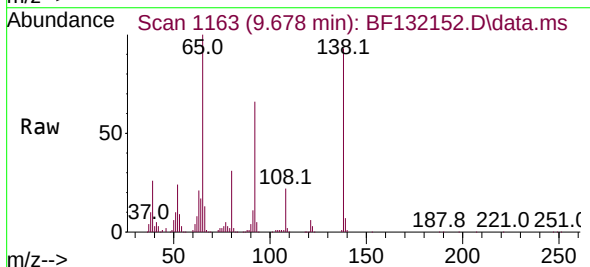
Manual Integrations
APPROVED

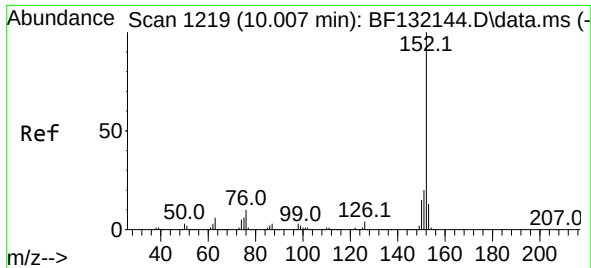
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#48
2-Nitroaniline
Concen: 55.568 ng
RT: 9.678 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

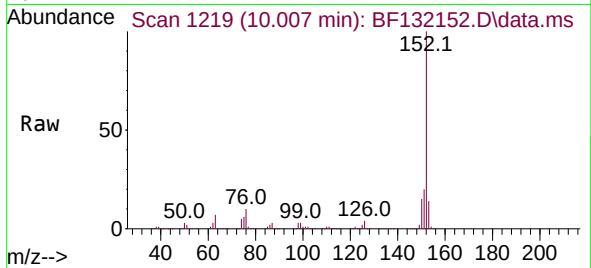
Tgt Ion: 65 Resp: 311813
Ion Ratio Lower Upper
65 100
92 65.5 53.8 80.6
138 93.3 78.7 118.1





#49
Acenaphthylene
Concen: 51.127 ng
RT: 10.007 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

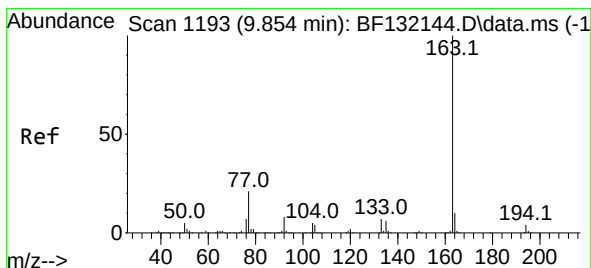
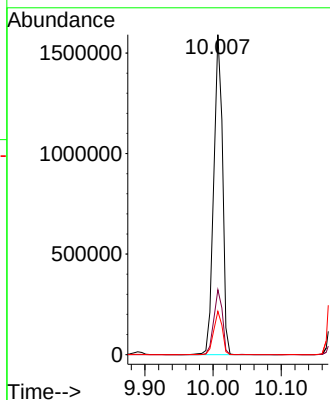
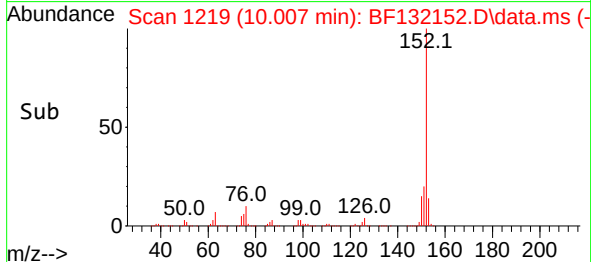
Instrument :
BNA_F
ClientSampleId :
SP6108



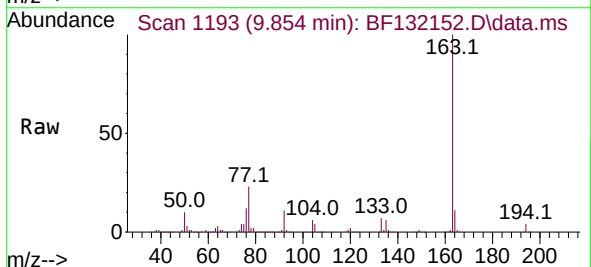
Tgt Ion:152 Resp: 1424356
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.5 10.6 15.8

Manual Integrations
APPROVED

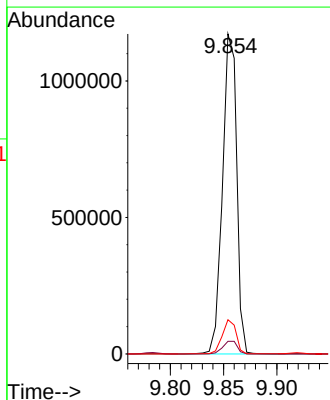
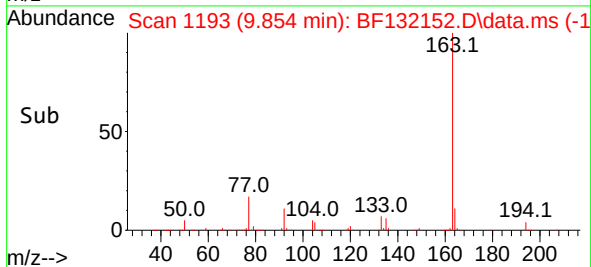
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

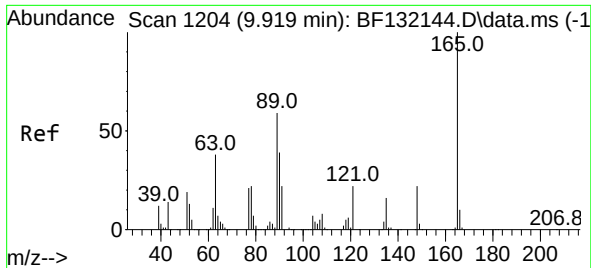


#50
Dimethylphthalate
Concen: 52.683 ng
RT: 9.854 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



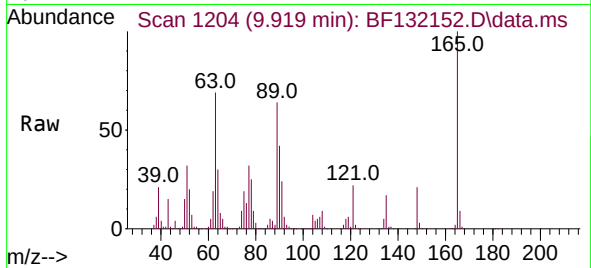
Tgt Ion:163 Resp: 1089551
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.7 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 60.435 ng
RT: 9.919 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

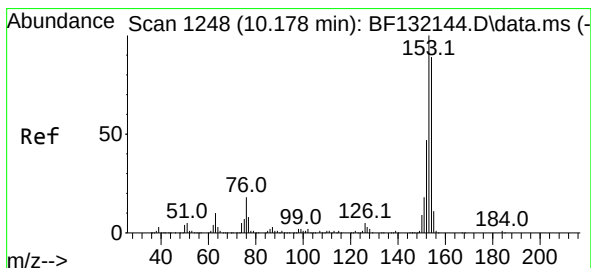
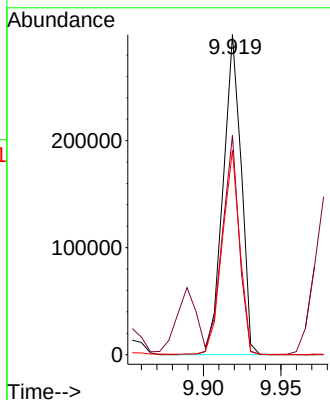
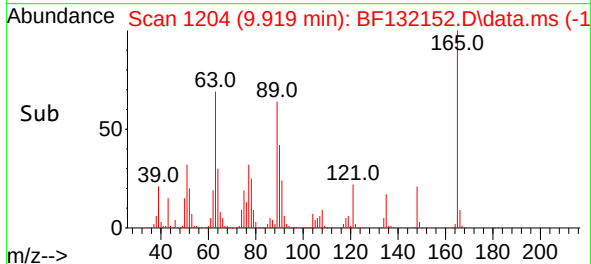
Instrument :
BNA_F
ClientSampleId :
SP6108



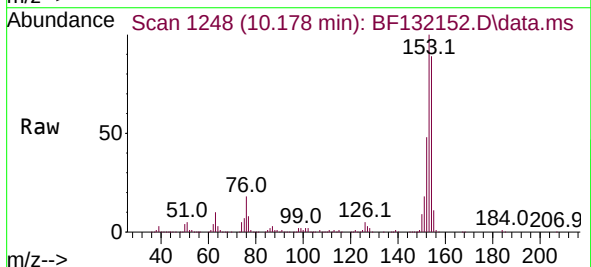
Tgt Ion:165 Resp: 24225
Ion Ratio Lower Upper
165 100
63 68.5 46.6 70.0
89 63.9 47.4 71.2

Manual Integrations
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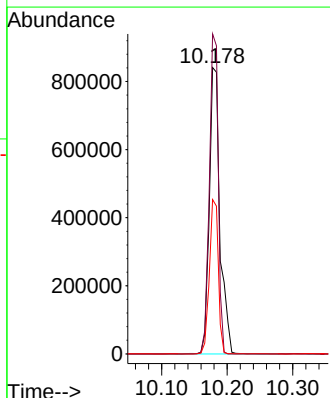
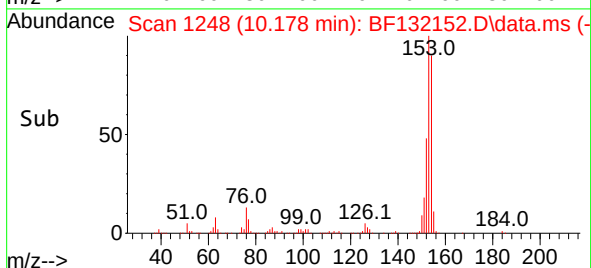
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

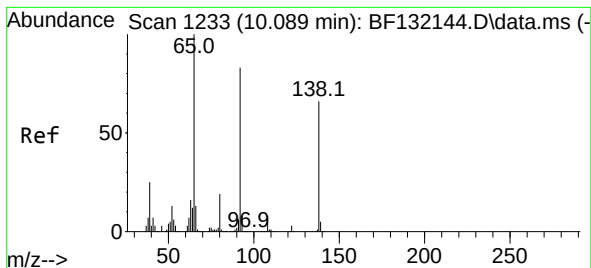


#52
Acenaphthene
Concen: 56.637 ng
RT: 10.178 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



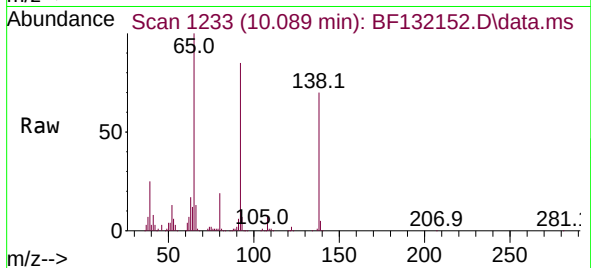
Tgt Ion:154 Resp: 949086
Ion Ratio Lower Upper
154 100
153 111.7 89.8 134.8
152 53.9 42.3 63.5





#53
3-Nitroaniline
Concen: 37.813 ng
RT: 10.089 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

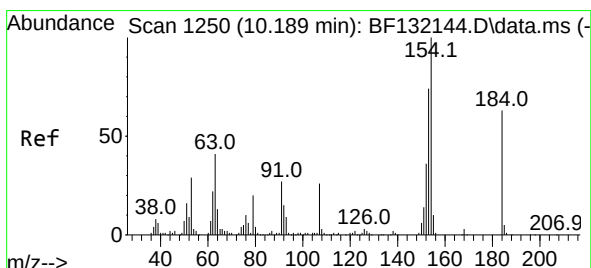
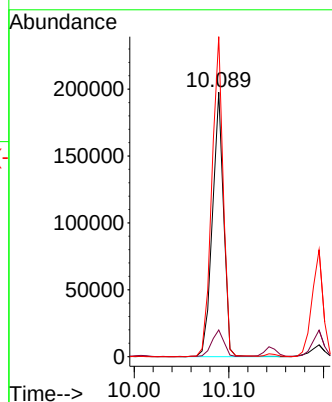
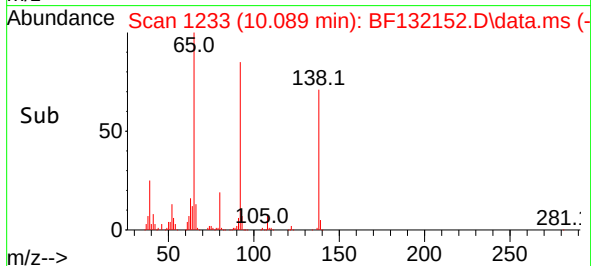
Instrument :
BNA_F
ClientSampleId :
SP6108



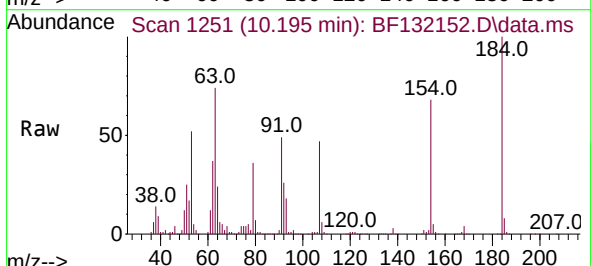
Tgt Ion:138 Resp: 162058
Ion Ratio Lower Upper
138 100
108 10.1 9.1 13.7
92 121.0 101.2 151.8

Manual Integrations
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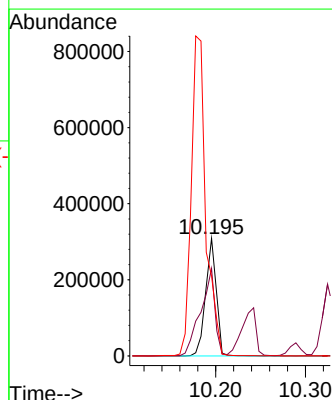
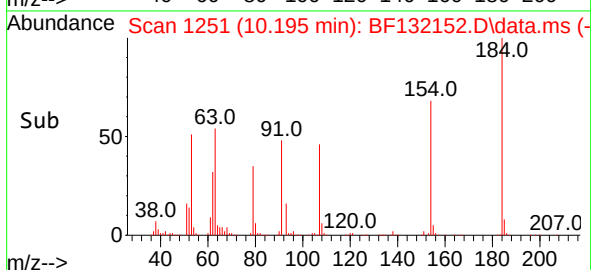
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

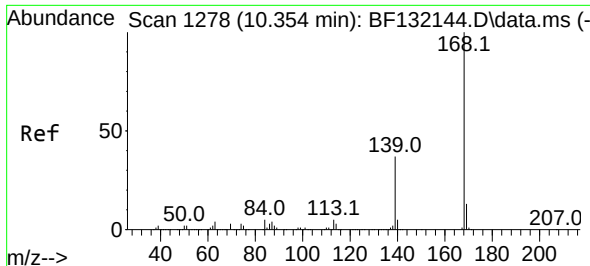


#54
2,4-Dinitrophenol
Concen: 132.705 ng
RT: 10.195 min Scan# 1251
Delta R.T. 0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



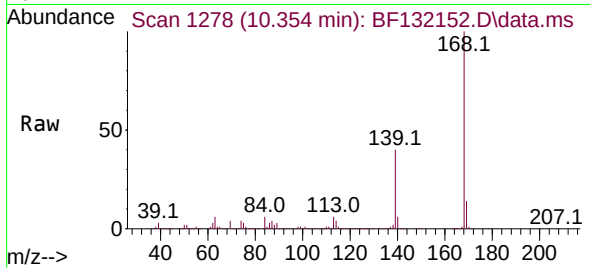
Tgt Ion:184 Resp: 255501
Ion Ratio Lower Upper
184 100
63 74.4 53.2 79.8
154 68.1 129.4 194.0#





#55
Dibenzofuran
Concen: 49.611 ng
RT: 10.354 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

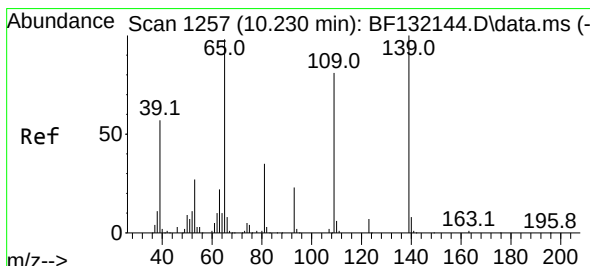
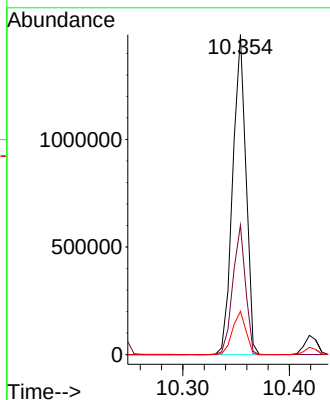
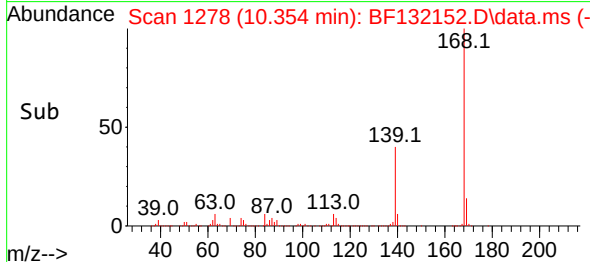
Instrument :
BNA_F
ClientSampleId :
SP6108



Tgt Ion:168 Resp: 1284749
Ion Ratio Lower Upper
168 100
139 40.5 29.8 44.8
169 13.5 10.3 15.5

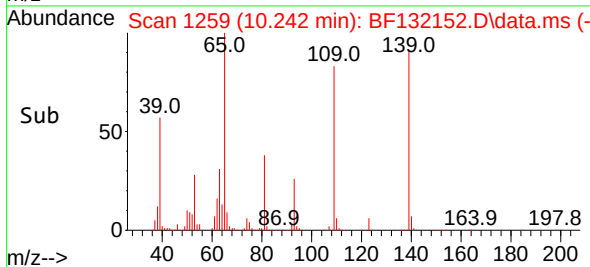
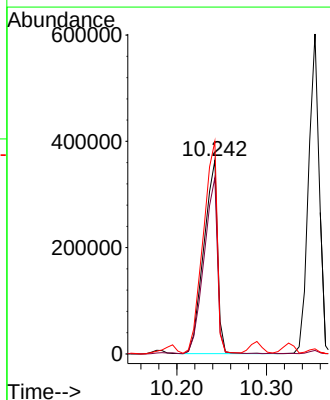
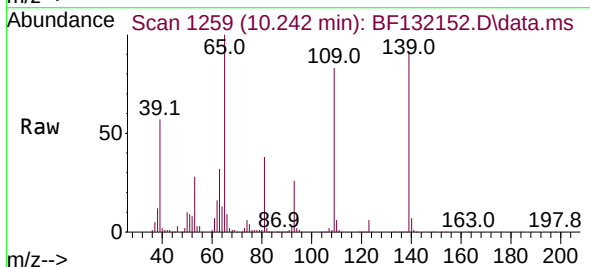
Manual Integrations
APPROVED

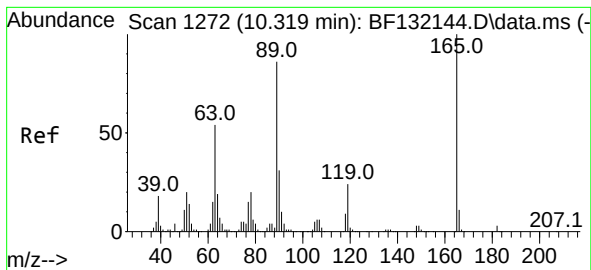
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#56
4-Nitrophenol
Concen: 124.760 ng
RT: 10.242 min Scan# 1259
Delta R.T. 0.012 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

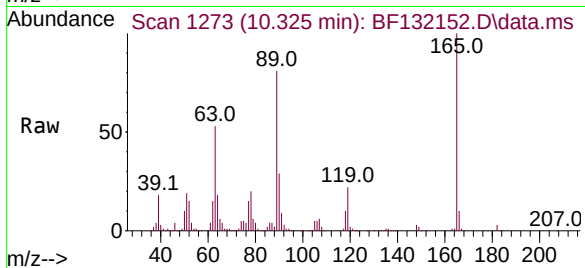
Tgt Ion:139 Resp: 389145
Ion Ratio Lower Upper
139 100
109 91.0 61.0 101.0
65 109.8 79.3 119.3





#57
2,4-Dinitrotoluene
Concen: 66.836 ng
RT: 10.325 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

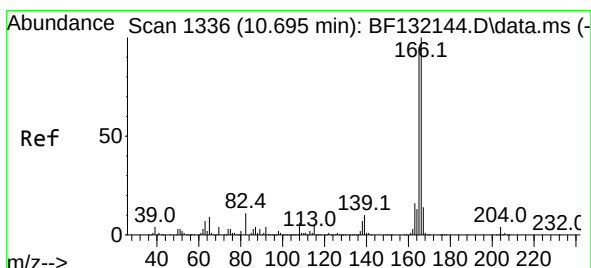
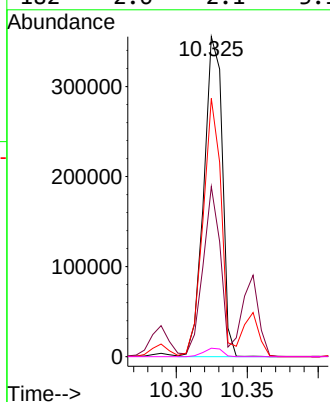
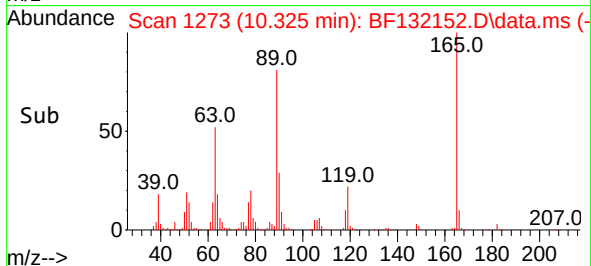
Instrument :
BNA_F
ClientSampleId :
SP6108



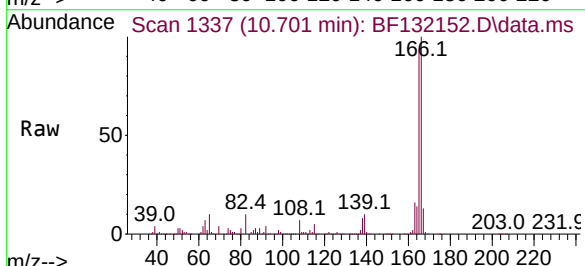
Tgt Ion:165 Resp: 32159
Ion Ratio Lower Upper
165 100
63 53.1 43.5 65.3
89 80.7 69.0 103.6
182 2.6 2.1 3.1

Manual Integrations
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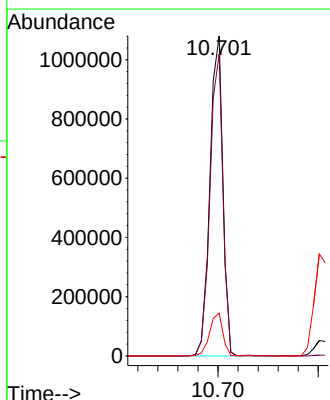
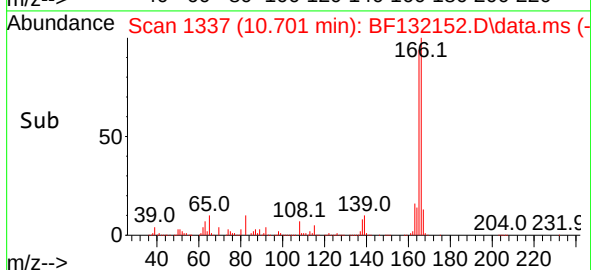
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

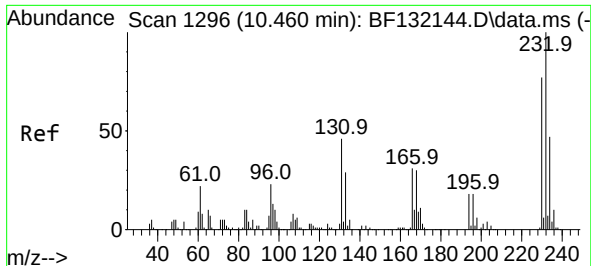


#58
Fluorene
Concen: 50.215 ng
RT: 10.701 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



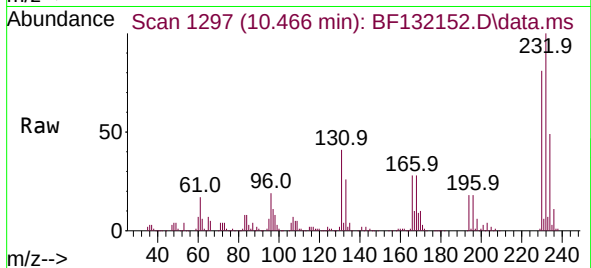
Tgt Ion:166 Resp: 963566
Ion Ratio Lower Upper
166 100
165 94.4 76.4 114.6
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 58.066 ng
RT: 10.466 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

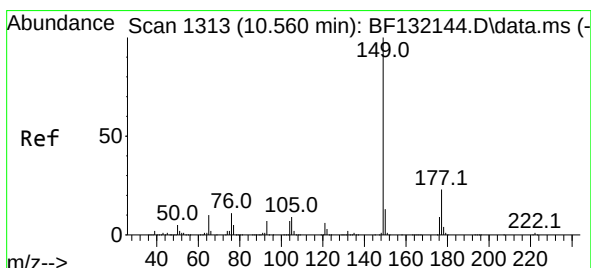
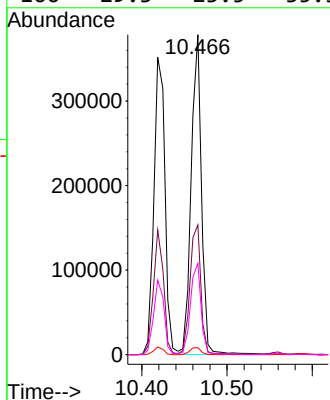
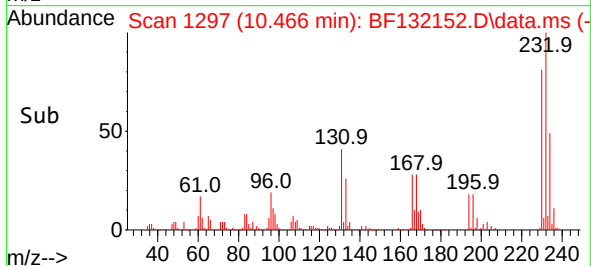
Instrument :
BNA_F
ClientSampleId :
SP6108



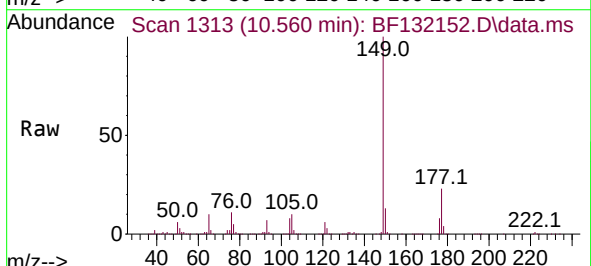
Tgt Ion:232 Resp: 318525
Ion Ratio Lower Upper
232 100
131 42.7 33.8 50.6
130 2.4 1.9 2.9
166 29.3 23.5 35.3

Manual Integrations
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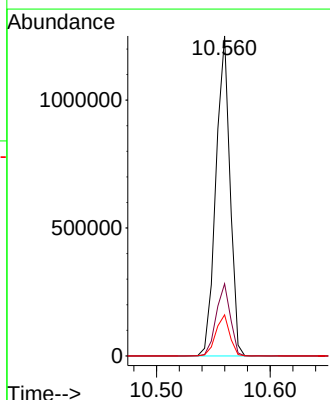
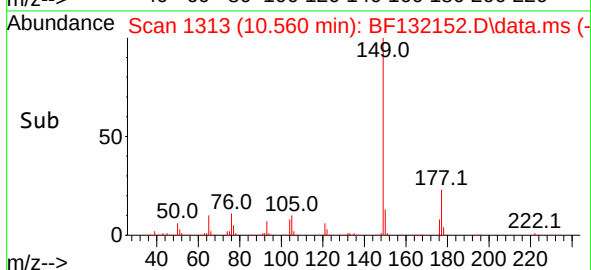
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

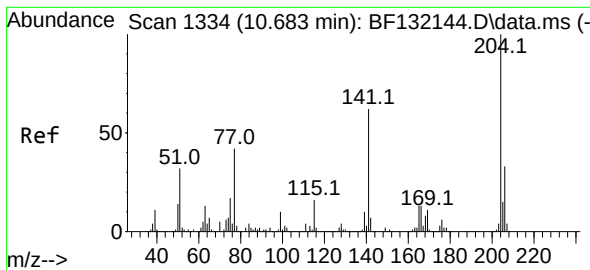


#60
Diethylphthalate
Concen: 52.931 ng
RT: 10.560 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



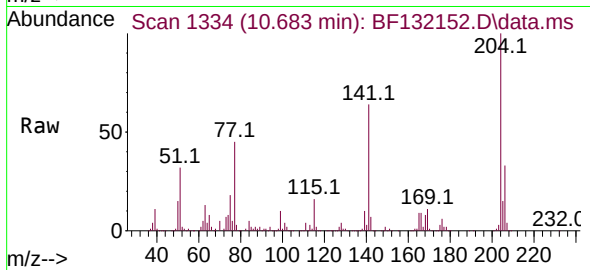
Tgt Ion:149 Resp: 1073482
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 50.170 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

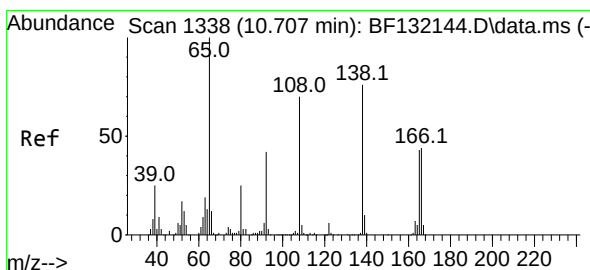
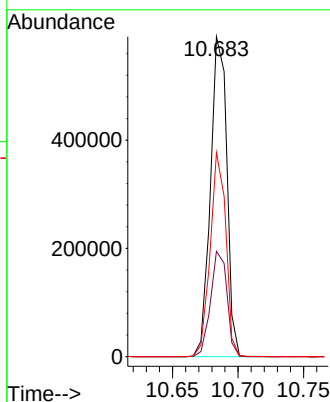
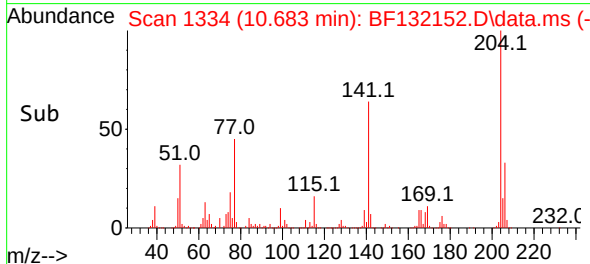
Instrument :
BNA_F
ClientSampleId :
SP6108



Tgt Ion:204 Resp: 515506
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 63.8 49.2 73.8

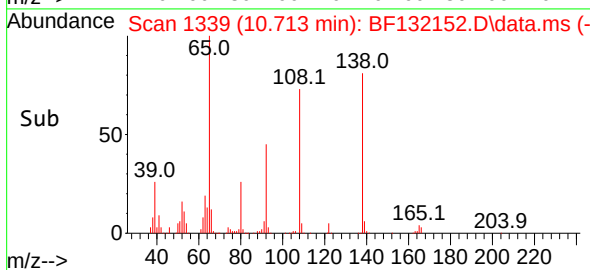
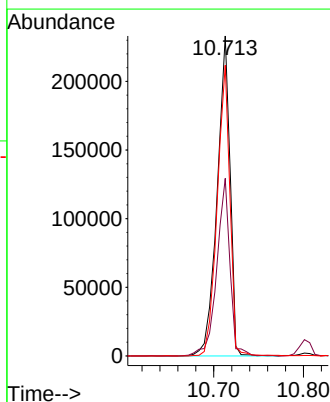
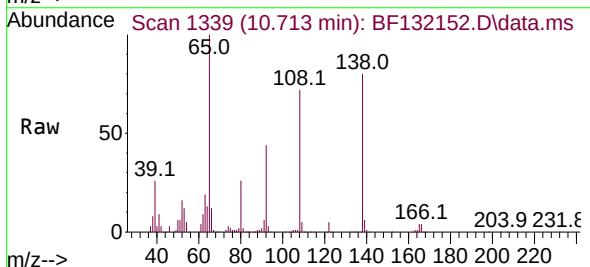
Manual Integrations
APPROVED

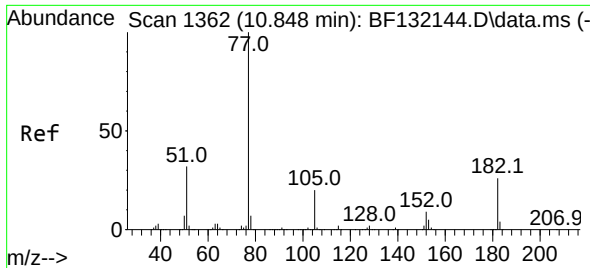
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#62
4-Nitroaniline
Concen: 59.119 ng
RT: 10.713 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

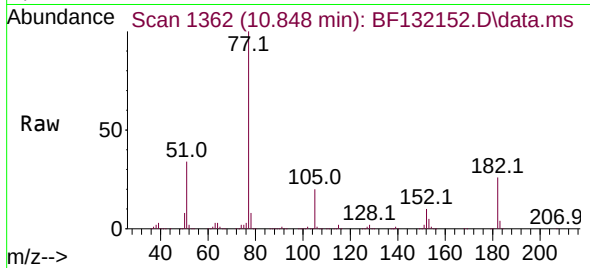
Tgt Ion:138 Resp: 235886
Ion Ratio Lower Upper
138 100
92 55.5 35.9 75.9
108 90.8 72.0 112.0





#63
Azobenzene
Concen: 50.636 ng
RT: 10.848 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

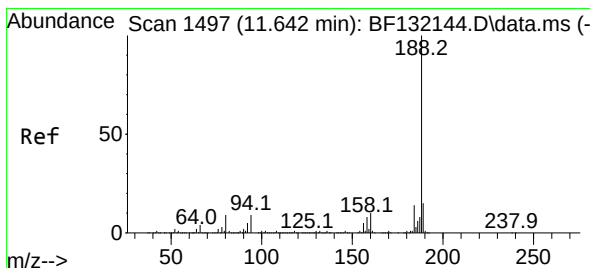
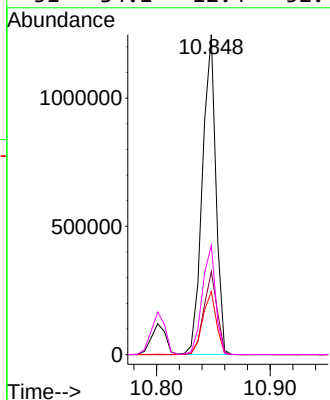
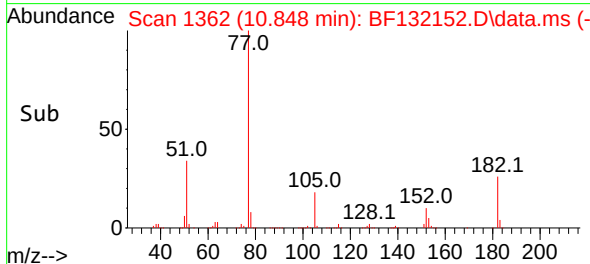
Instrument :
BNA_F
ClientSampleId :
SP6108



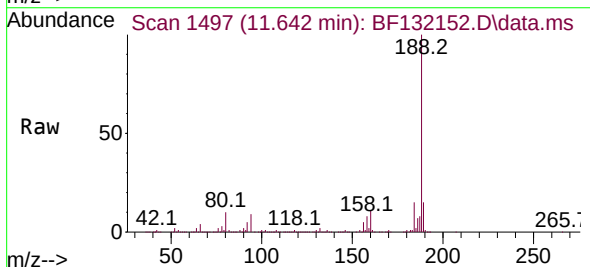
Tgt Ion: 77 Resp: 1030668
Ion Ratio Lower Upper
77 100
182 25.9 6.4 46.4
105 19.7 0.0 39.8
51 34.1 12.4 52.4

Manual Integrations
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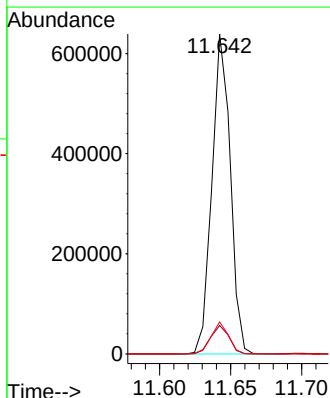
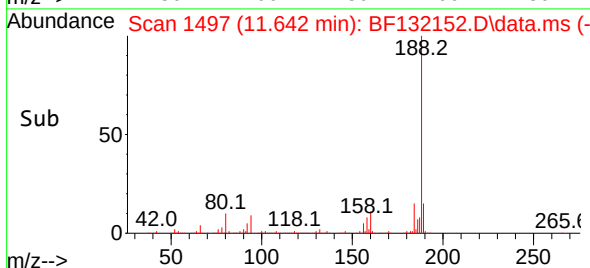
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

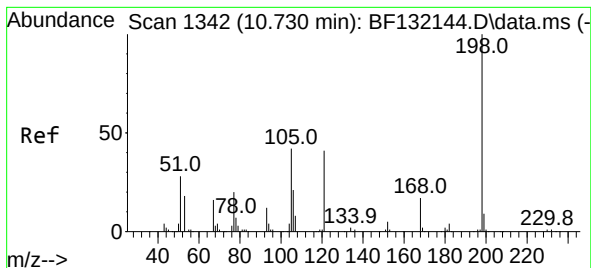


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



Tgt Ion:188 Resp: 575690
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 10.0 7.5 11.3





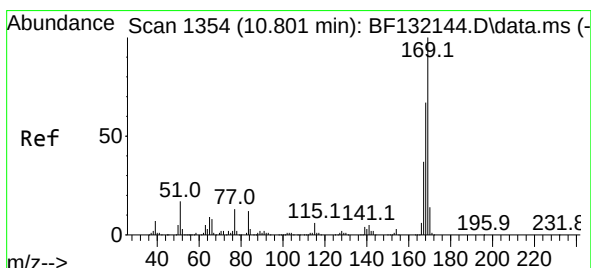
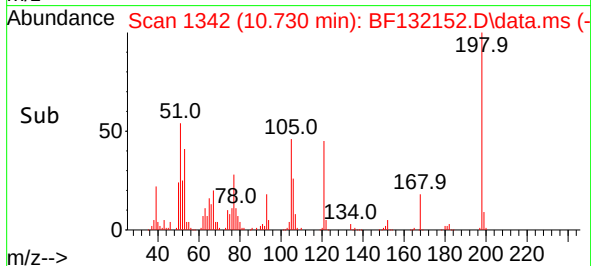
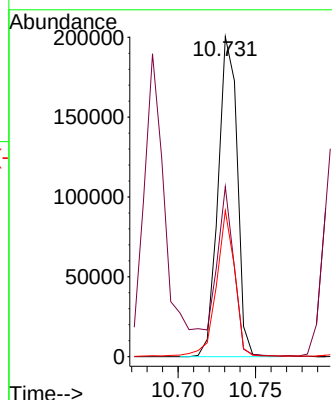
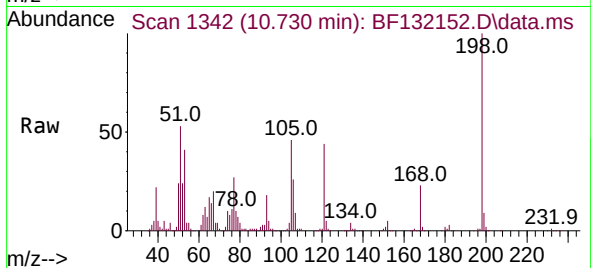
#65
4,6-Dinitro-2-methylphenol
Concen: 58.794 ng
RT: 10.730 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

Instrument :
BNA_F
ClientSampleId :
SP6108

Tgt Ion:198 Resp: 172136
Ion Ratio Lower Upper
198 100
51 53.1 24.3 64.3
105 45.6 23.3 63.3

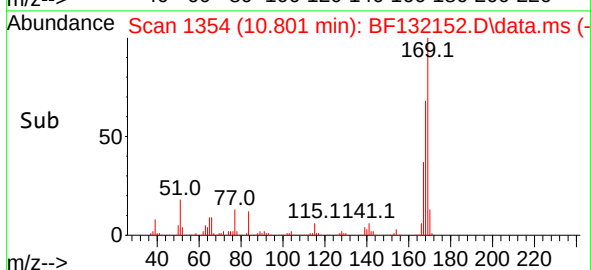
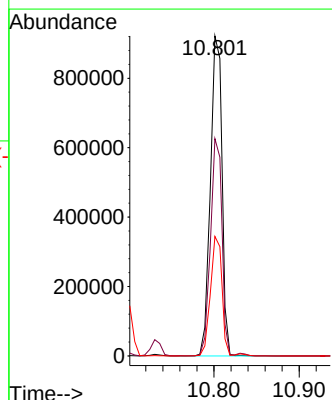
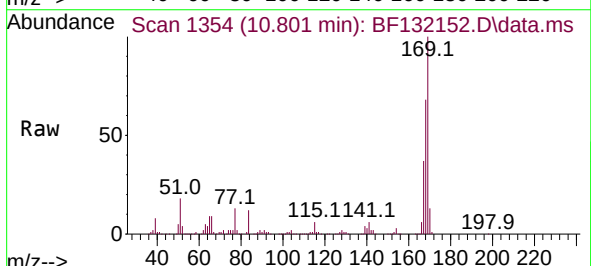
Manual Integrations
APPROVED

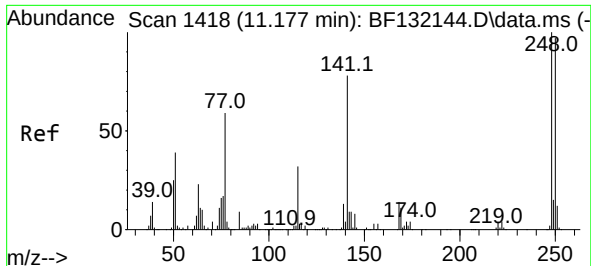
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#66
n-Nitrosodiphenylamine
Concen: 47.232 ng
RT: 10.801 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

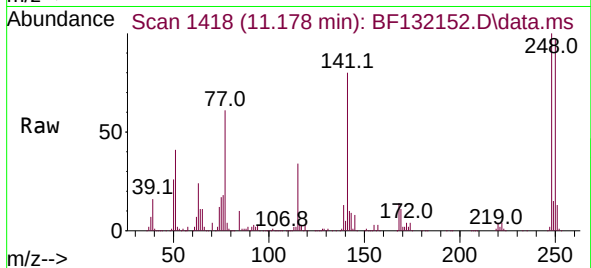
Tgt Ion:169 Resp: 870814
Ion Ratio Lower Upper
169 100
168 67.9 53.4 80.0
167 37.3 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 48.601 ng
RT: 11.178 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

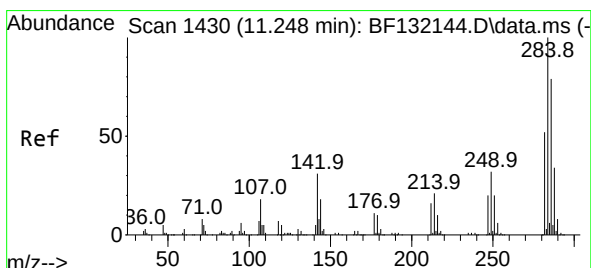
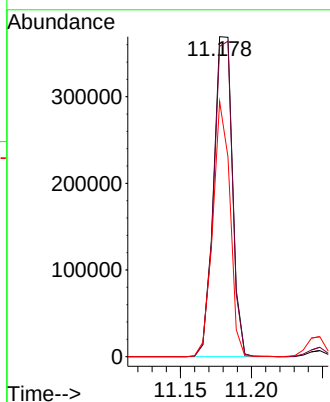
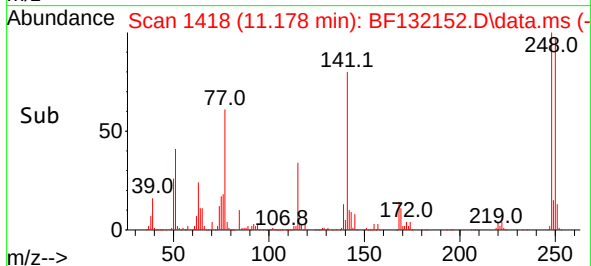
Instrument :
BNA_F
ClientSampleId :
SP6108



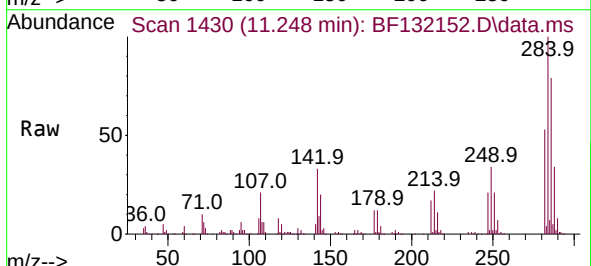
Tgt Ion:248 Resp: 341040
Ion Ratio Lower Upper
248 100
250 97.0 77.4 116.0
141 79.7 62.2 93.2

Manual Integrations
APPROVED

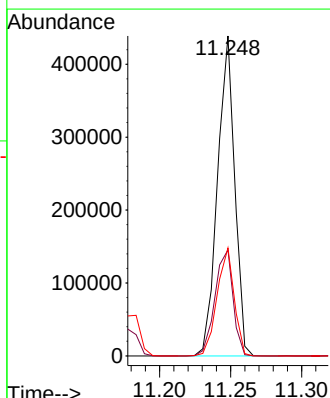
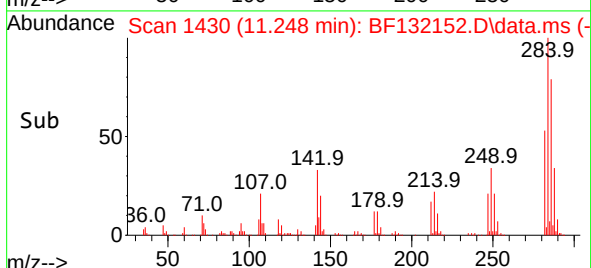
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

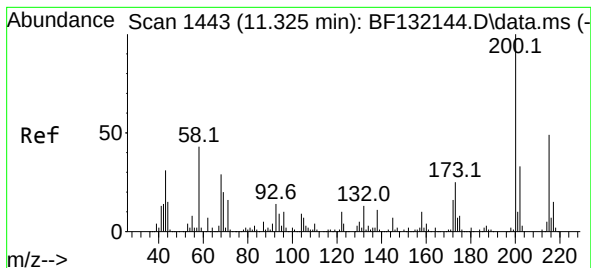


#68
Hexachlorobenzene
Concen: 53.088 ng
RT: 11.248 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



Tgt Ion:284 Resp: 370231
Ion Ratio Lower Upper
284 100
142 33.1 24.7 37.1
249 33.7 25.6 38.4





#69

Atrazine

Concen: 57.336 ng

RT: 11.330 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF132152.D

Acq: 19 Jan 2023 18:36

Instrument :

BNA_F

ClientSampleId :

SP6108

Tgt Ion:200 Resp: 326149

Ion Ratio Lower Upper

200 100

173 24.6 5.0 45.0

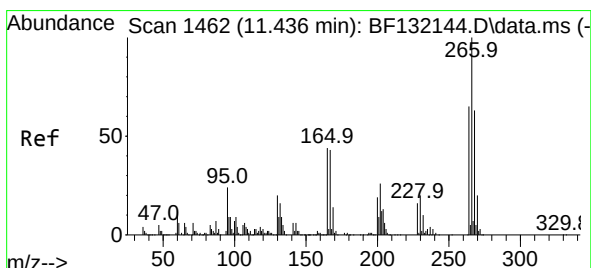
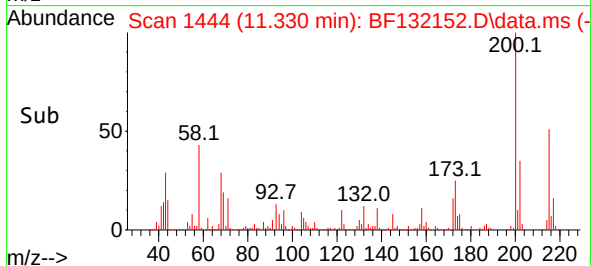
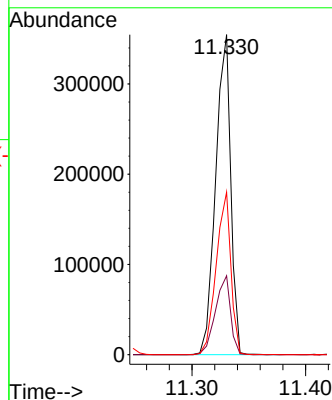
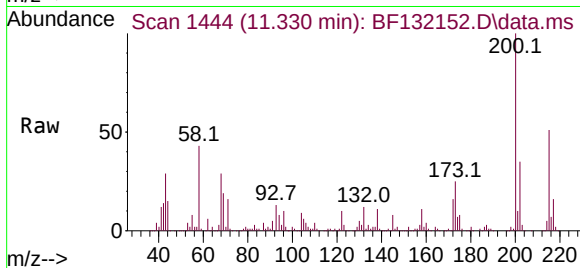
215 50.8 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#70

Pentachlorophenol

Concen: 99.522 ng

RT: 11.442 min Scan# 1463

Delta R.T. 0.006 min

Lab File: BF132152.D

Acq: 19 Jan 2023 18:36

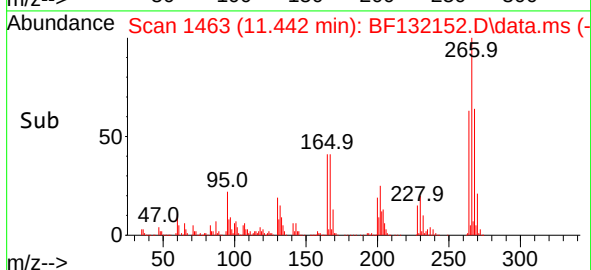
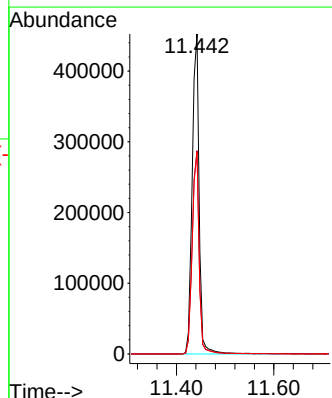
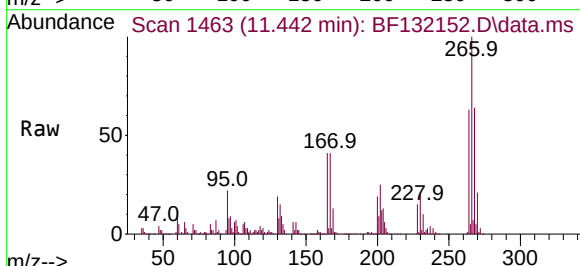
Tgt Ion:266 Resp: 446011

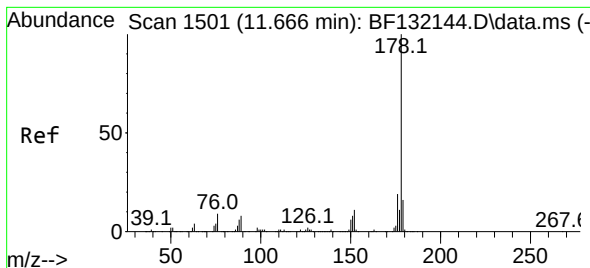
Ion Ratio Lower Upper

266 100

268 63.5 50.8 76.2

264 63.3 52.3 78.5





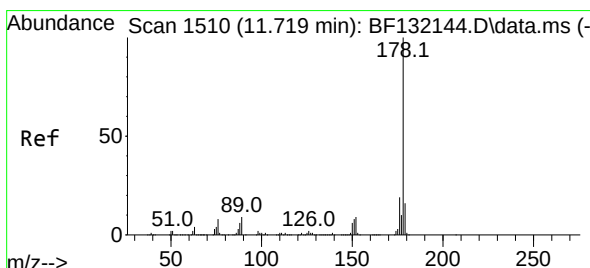
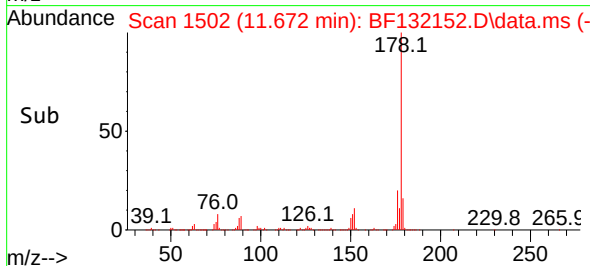
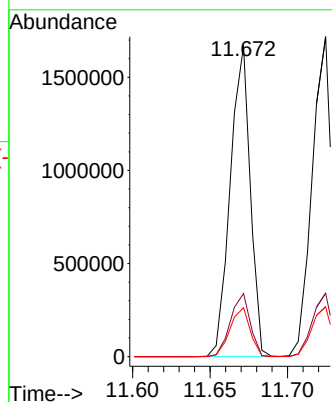
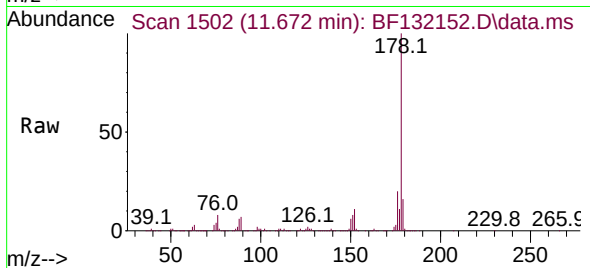
#71
Phenanthrene
Concen: 49.571 ng
RT: 11.672 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

Instrument :
BNA_F
ClientSampleId :
SP6108

Tgt Ion:178 Resp: 1497590
Ion Ratio Lower Upper
178 100
176 20.3 15.5 23.3
179 15.7 12.6 19.0

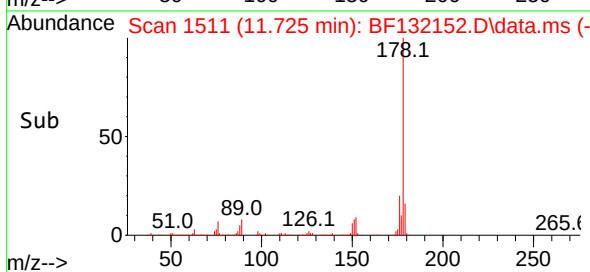
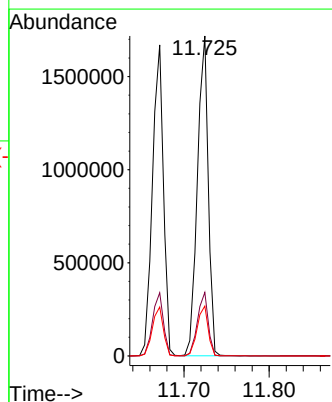
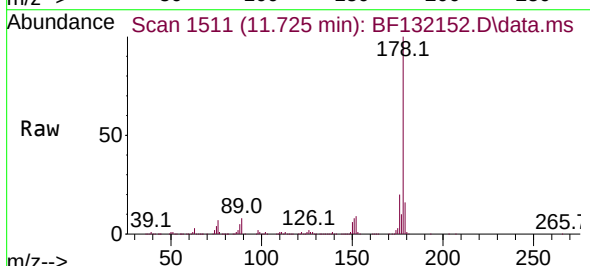
Manual Integrations
APPROVED

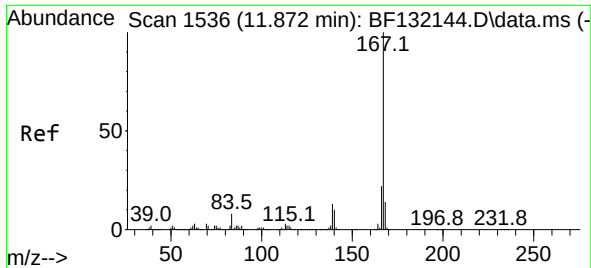
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#72
Anthracene
Concen: 49.784 ng
RT: 11.725 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

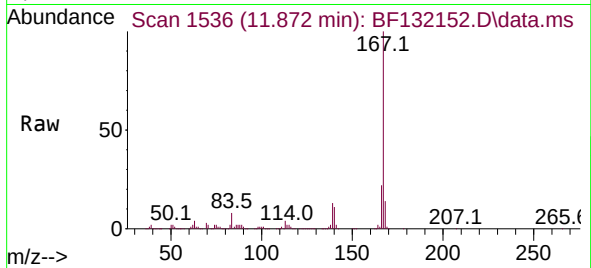
Tgt Ion:178 Resp: 1521565
Ion Ratio Lower Upper
178 100
176 19.8 15.3 22.9
179 15.6 12.6 18.8





#73
 Carbazole
 Concen: 53.229 ng
 RT: 11.872 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: BF132152.D
 Acq: 19 Jan 2023 18:36

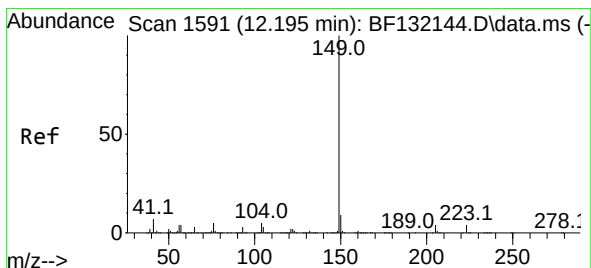
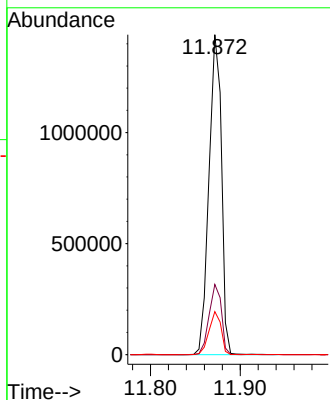
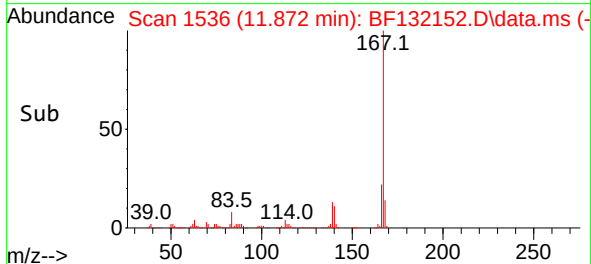
Instrument :
 BNA_F
 ClientSampleId :
 SP6108



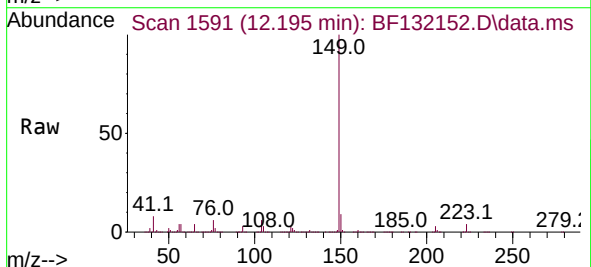
Tgt Ion:167 Resp: 1389642
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.4 10.5 15.7

Manual Integrations
 APPROVED

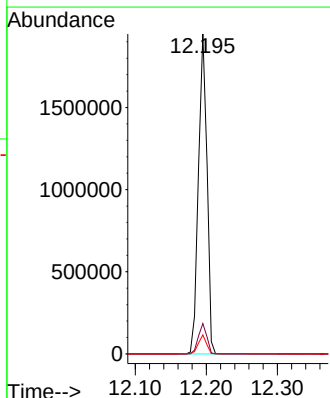
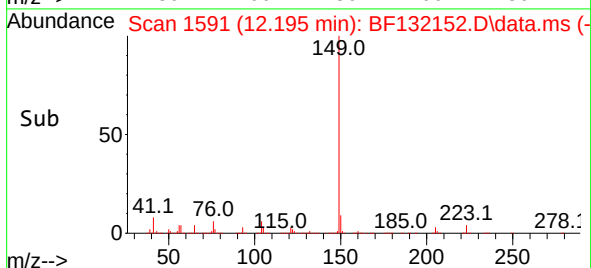
Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023

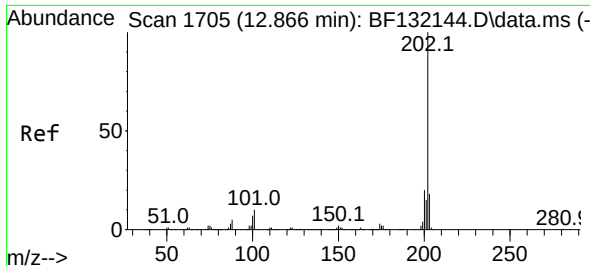


#74
 Di-n-butylphthalate
 Concen: 55.537 ng
 RT: 12.195 min Scan# 1591
 Delta R.T. 0.000 min
 Lab File: BF132152.D
 Acq: 19 Jan 2023 18:36



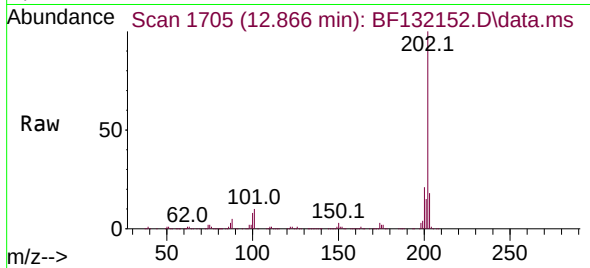
Tgt Ion:149 Resp: 1614067
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.9 4.3 6.5





#75
Fluoranthene
Concen: 53.984 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

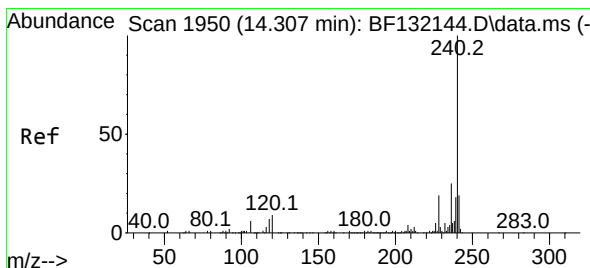
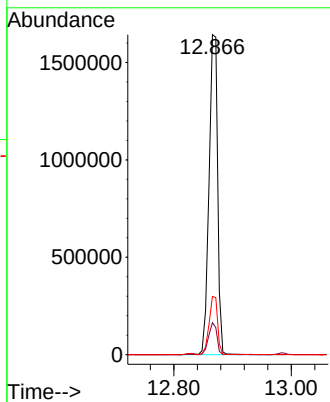
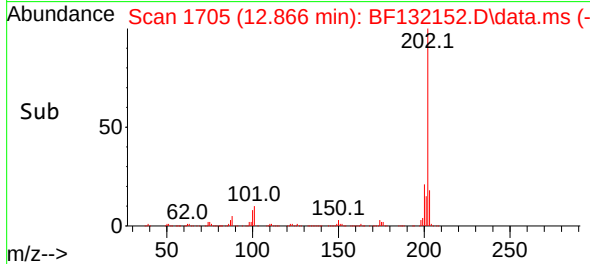
Instrument :
BNA_F
ClientSampleId :
SP6108



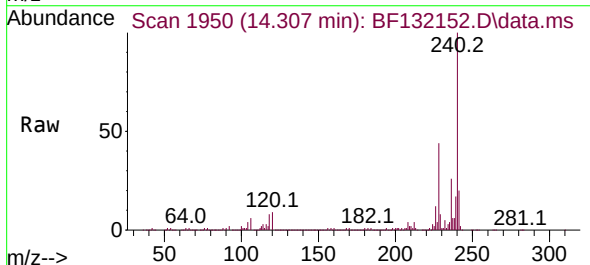
Tgt Ion:202 Resp: 1675284
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.6
203 18.2 0.0 37.9

Manual Integrations
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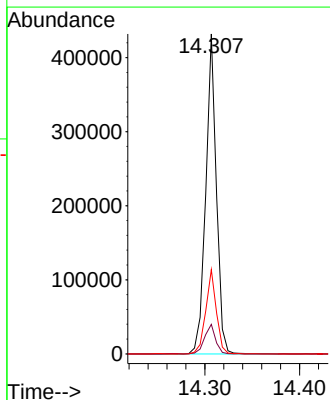
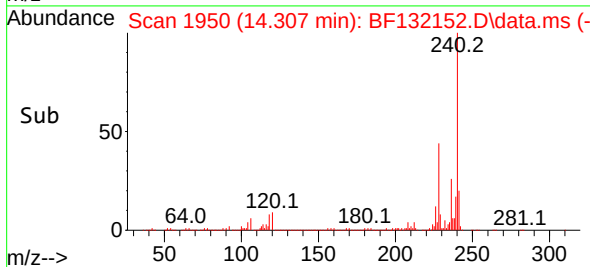
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

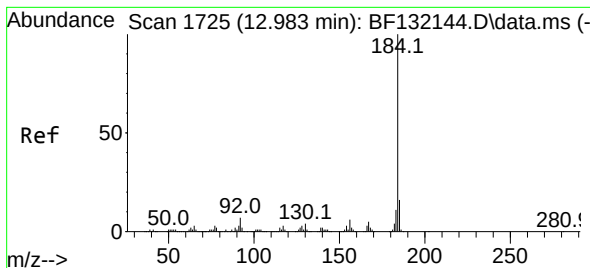


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



Tgt Ion:240 Resp: 337444
Ion Ratio Lower Upper
240 100
120 9.2 6.9 10.3
236 26.3 20.3 30.5





#77

Benzidine

Concen: 102.469 ng

RT: 12.983 min Scan# 1725

Delta R.T. 0.000 min

Lab File: BF132152.D

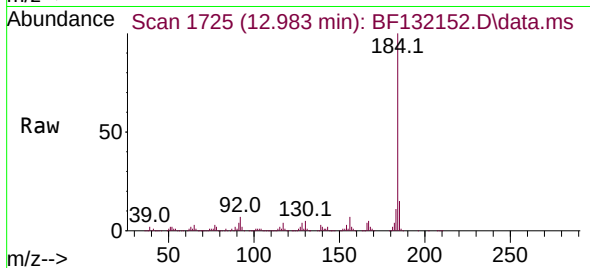
Acq: 19 Jan 2023 18:36

Instrument :

BNA_F

ClientSampleId :

SP6108



Tgt Ion:184 Resp: 103816

Ion Ratio Lower Upper

184 100

185 15.4 12.5 18.7

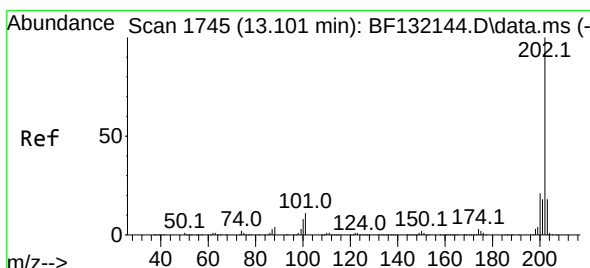
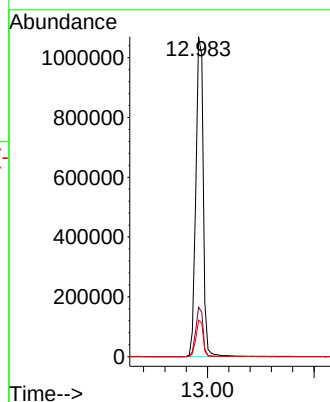
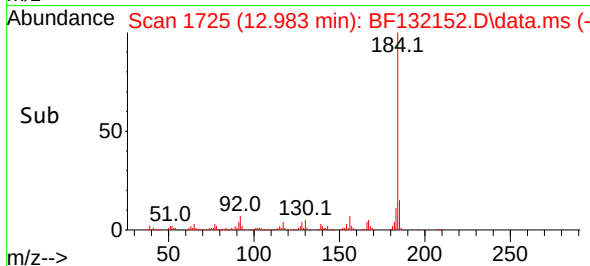
183 11.4 9.0 13.4

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#78

Pyrene

Concen: 53.936 ng

RT: 13.101 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BF132152.D

Acq: 19 Jan 2023 18:36

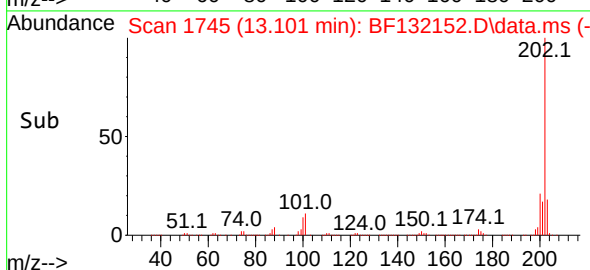
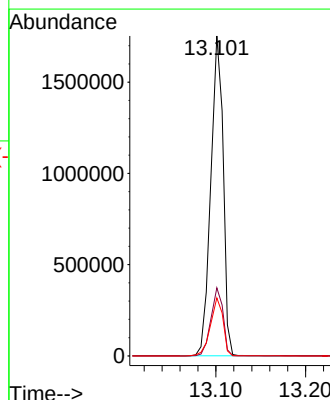
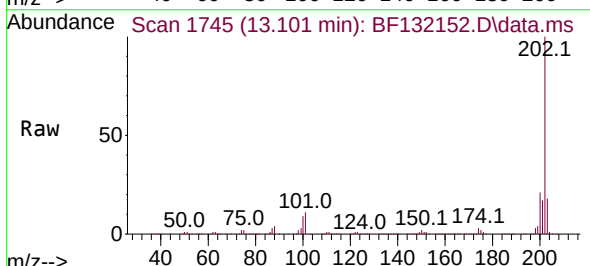
Tgt Ion:202 Resp: 1677367

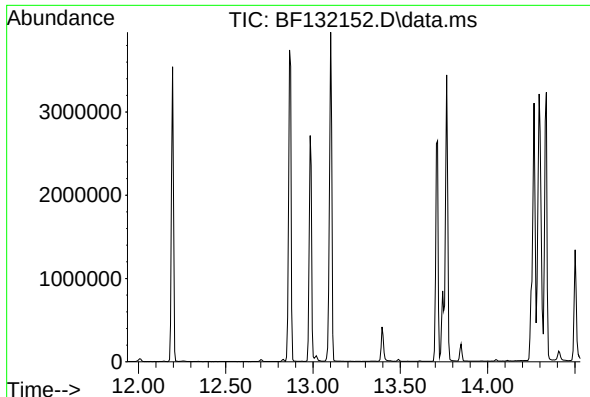
Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

203 18.1 14.0 21.0





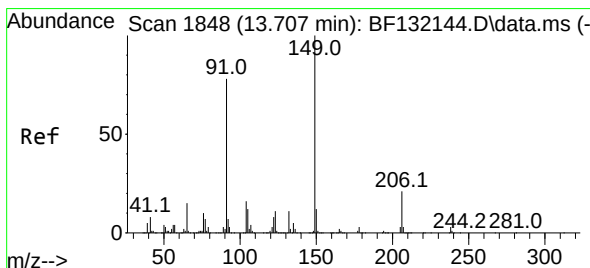
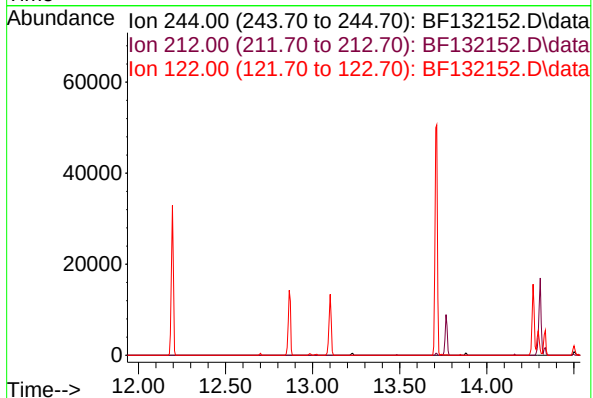
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.24 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

Instrument :
BNA_F
ClientSampleId :
SP6108

Tgt Ion: 244
Sig Exp Ratio
244 100
212 8.4
122 9.3

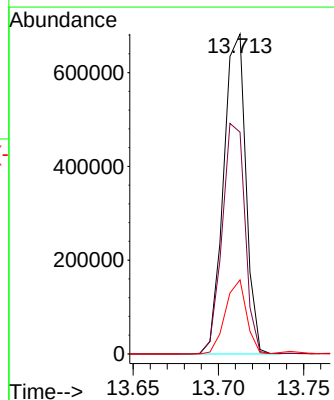
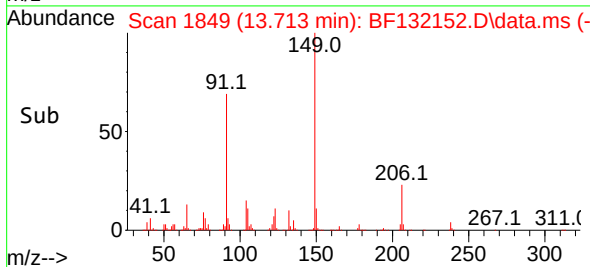
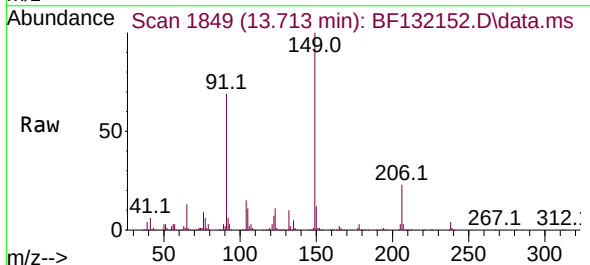
Manual Integrations
APPROVED

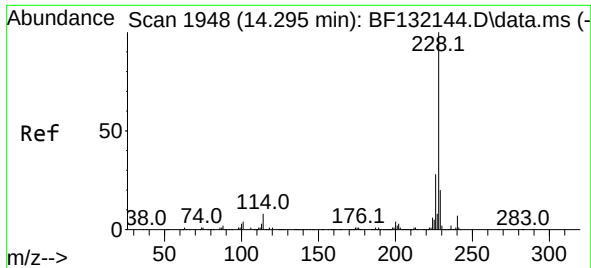
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#80
Butylbenzylphthalate
Concen: 60.683 ng
RT: 13.713 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

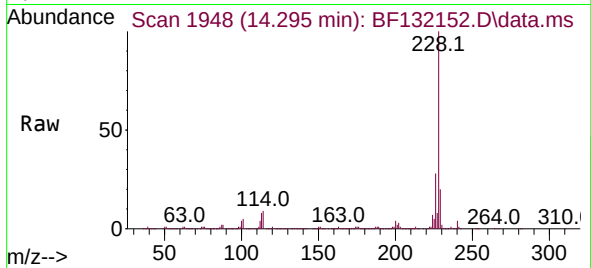
Tgt Ion:149 Resp: 623126
Ion Ratio Lower Upper
149 100
91 69.3 62.6 94.0
206 23.1 16.4 24.6





#81
Benzo(a)anthracene
Concen: 54.054 ng
RT: 14.295 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

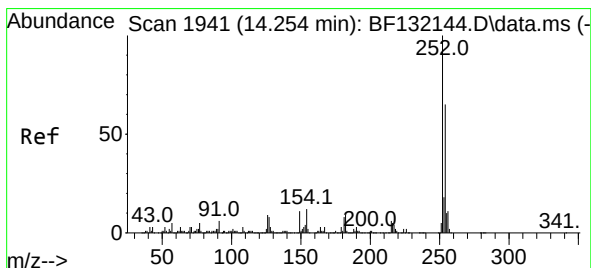
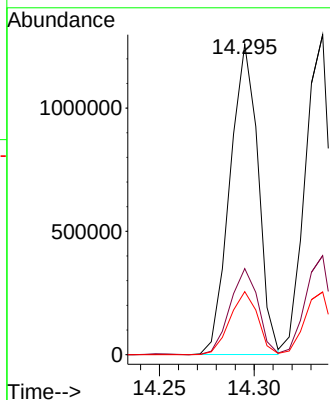
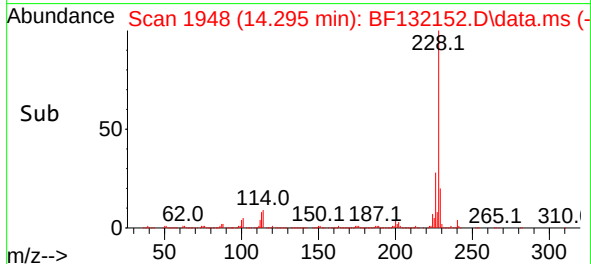
Instrument :
BNA_F
ClientSampleId :
SP6108



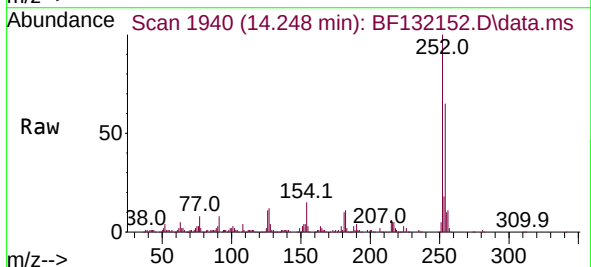
Tgt Ion:228 Resp: 1303083
Ion Ratio Lower Upper
228 100
226 27.7 22.5 33.7
229 20.3 16.1 24.1

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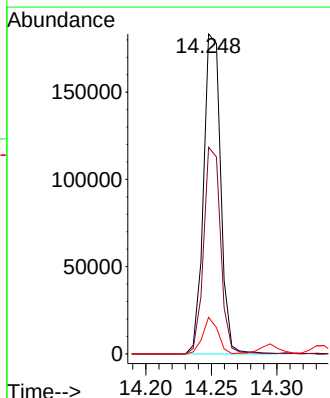
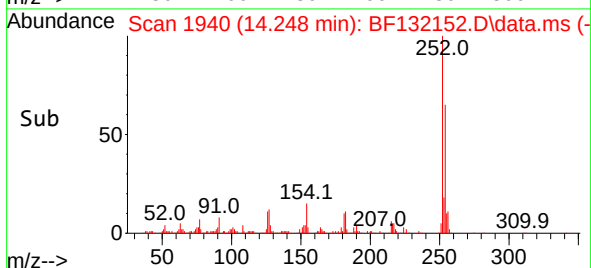
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

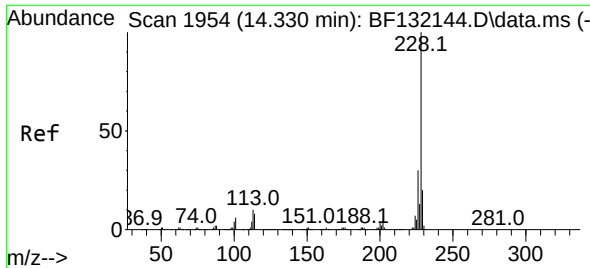


#82
3,3'-Dichlorobenzidine
Concen: 24.733 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



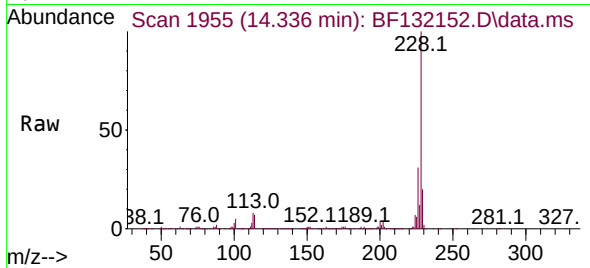
Tgt Ion:252 Resp: 166047
Ion Ratio Lower Upper
252 100
254 64.6 52.4 78.6
126 11.4 7.0 10.6





#83
Chrysene
Concen: 51.749 ng
RT: 14.336 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

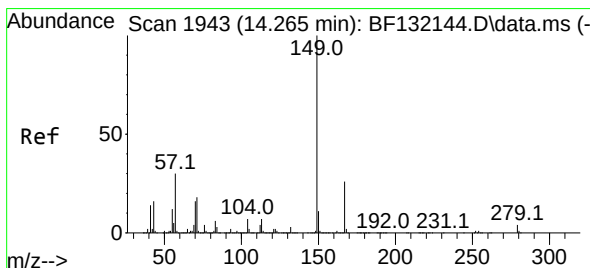
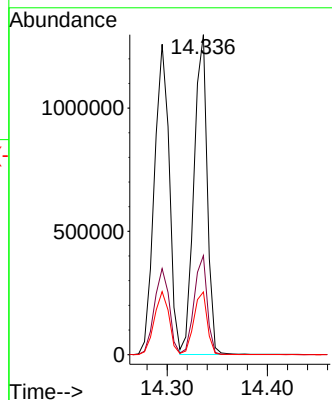
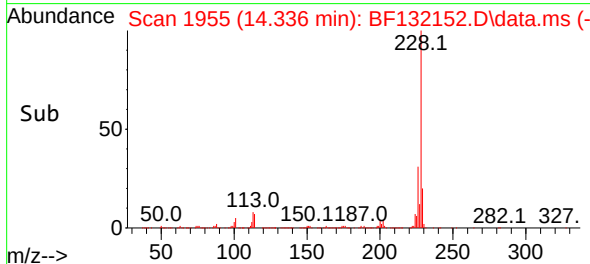
Instrument :
BNA_F
Client Sample Id :
SP6108



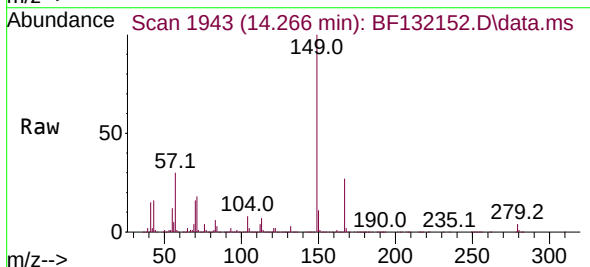
Tgt Ion: 228 Resp: 1187453
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 19.6 15.8 23.6

Manual Integrations
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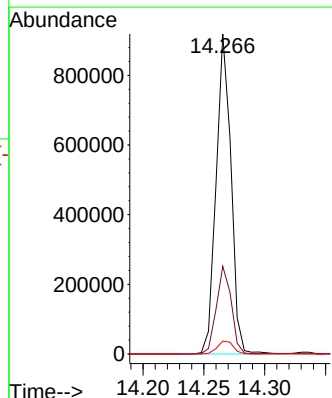
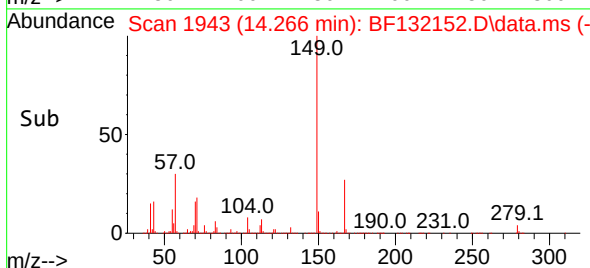
Reviewed By : Christian Giraldo 01/20/2023
Supervised By : Jagrut Upadhyay 01/20/2023

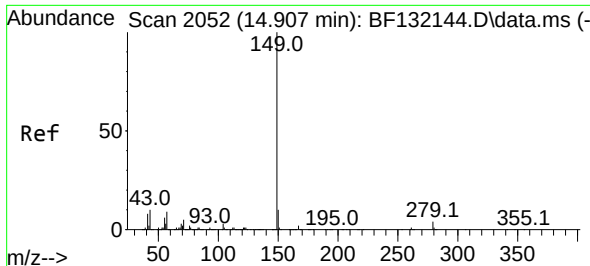


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.801 ng
RT: 14.266 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36



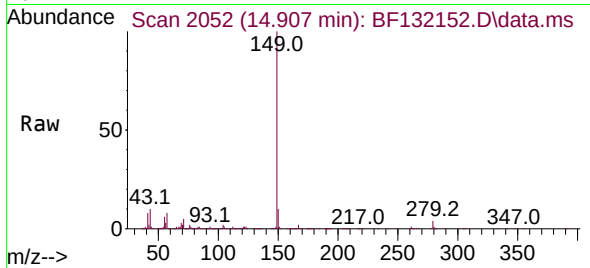
Tgt Ion: 149 Resp: 780177
Ion Ratio Lower Upper
149 100
167 27.4 21.0 31.6
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 51.068 ng
RT: 14.907 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

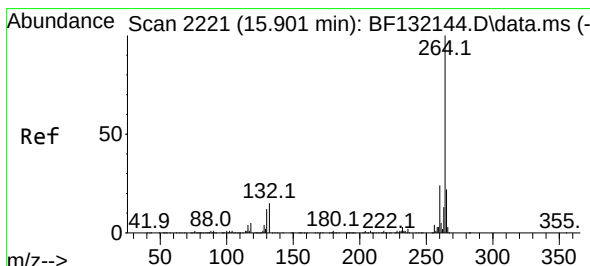
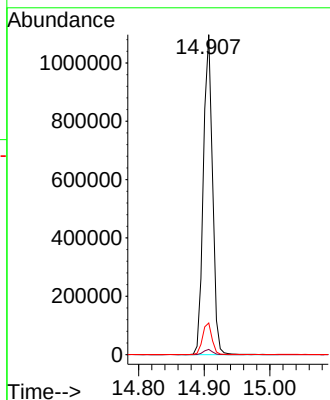
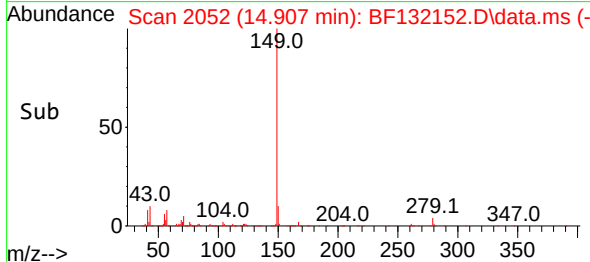
Instrument :
BNA_F
ClientSampleId :
SP6108



Tgt Ion:149 Resp: 1055968
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.1 8.4 12.6

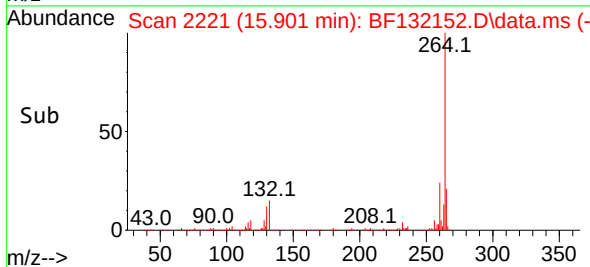
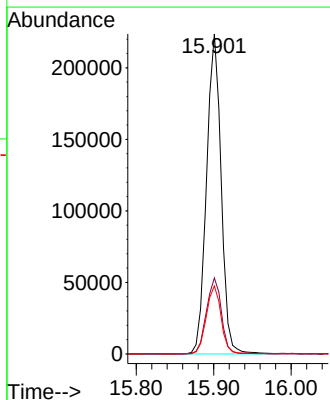
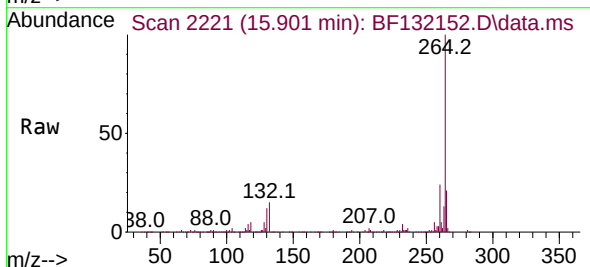
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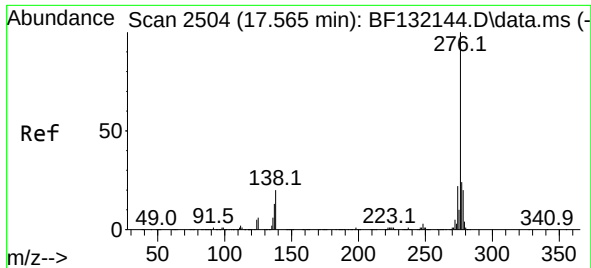
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.901 min Scan# 2221
Delta R.T. -0.000 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

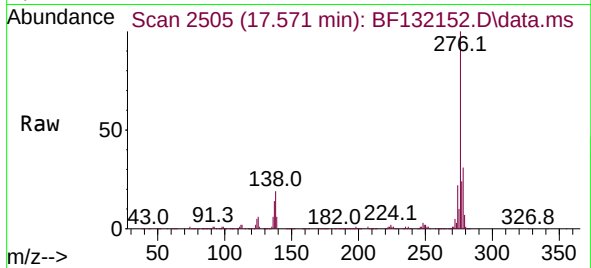
Tgt Ion:264 Resp: 291956
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.2 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.783 ng
RT: 17.571 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

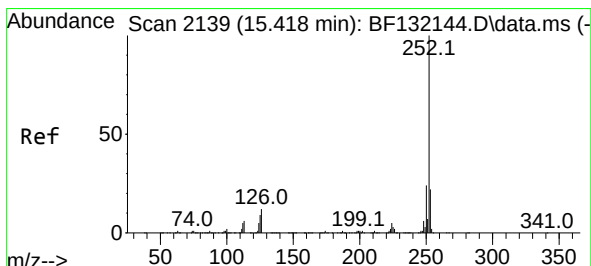
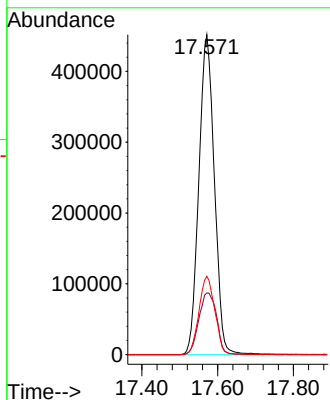
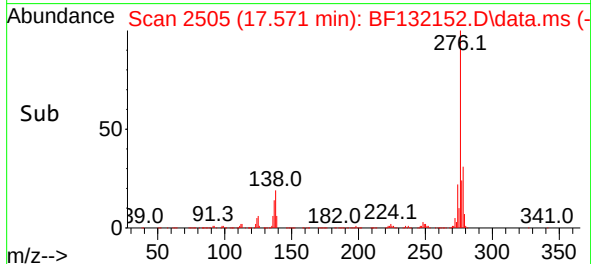
Instrument :
BNA_F
ClientSampleId :
SP6108



Tgt Ion:276 Resp: 1281886
Ion Ratio Lower Upper
276 100
138 22.0 17.9 26.9
277 25.1 20.2 30.2

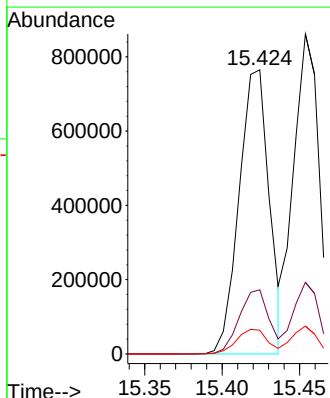
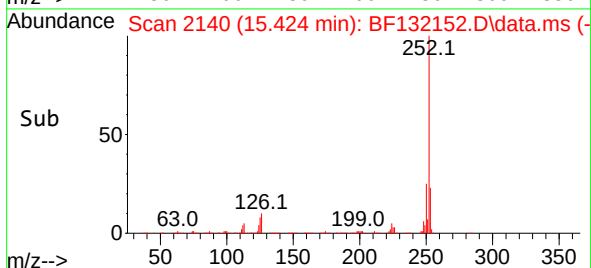
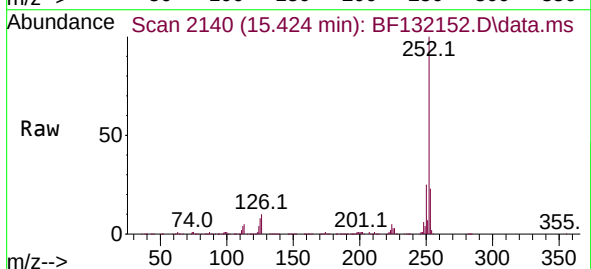
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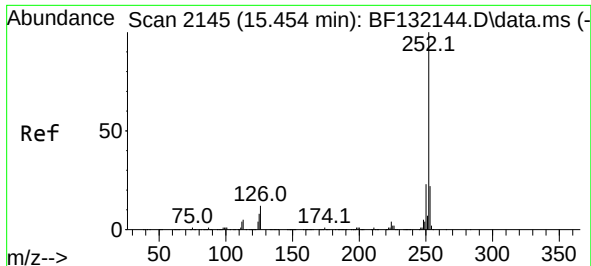
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#88
Benzo(b)fluoranthene
Concen: 58.192 ng
RT: 15.424 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

Tgt Ion:252 Resp: 1034427
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 8.3 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 55.252 ng

RT: 15.454 min Scan# 2145

Delta R.T. -0.000 min

Lab File: BF132152.D

Acq: 19 Jan 2023 18:36

Instrument :

BNA_F

ClientSampleId :

SP6108

Tgt Ion:252 Resp: 1001688

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

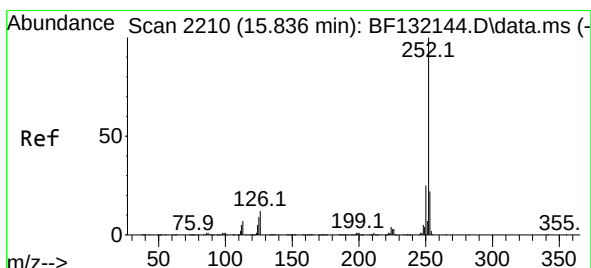
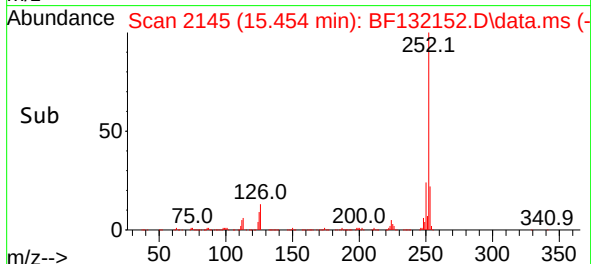
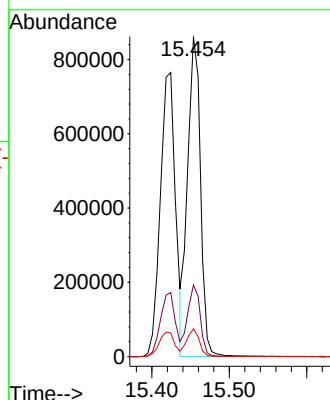
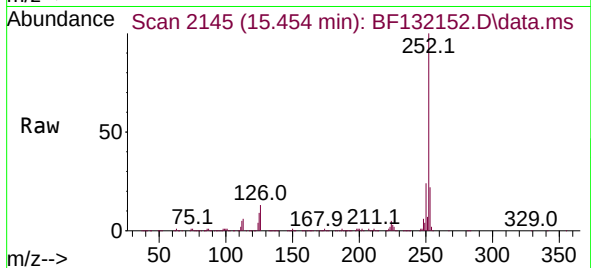
125 8.7 6.4 9.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#90

Benzo(a)pyrene

Concen: 53.507 ng

RT: 15.836 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF132152.D

Acq: 19 Jan 2023 18:36

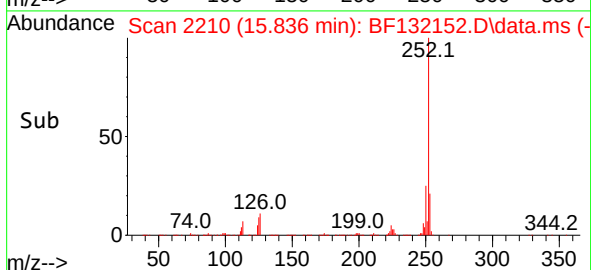
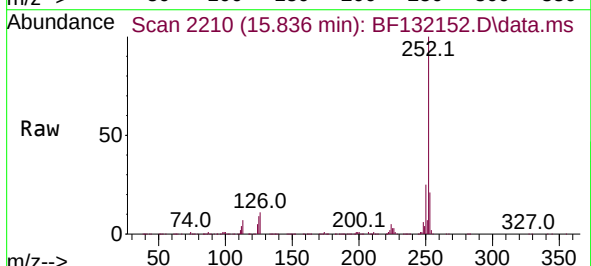
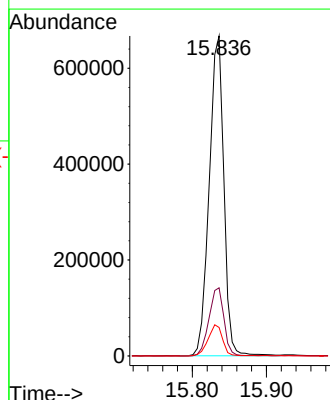
Tgt Ion:252 Resp: 914976

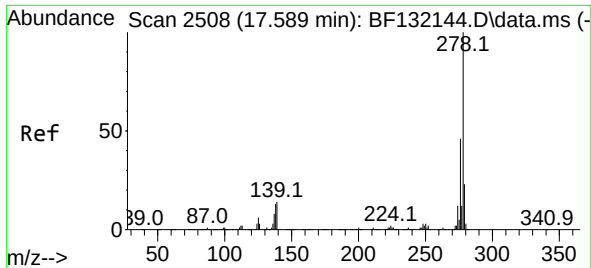
Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

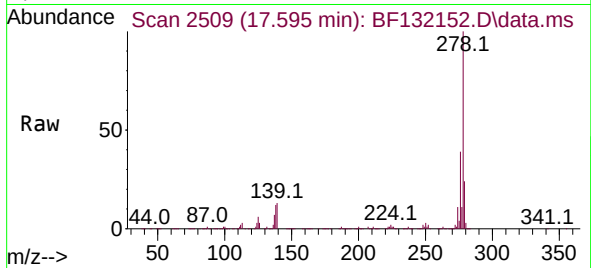
125 8.9 7.3 10.9





#91
Dibenzo(a,h)anthracene
Concen: 59.486 ng
RT: 17.595 min Scan# 2509
Delta R.T. 0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

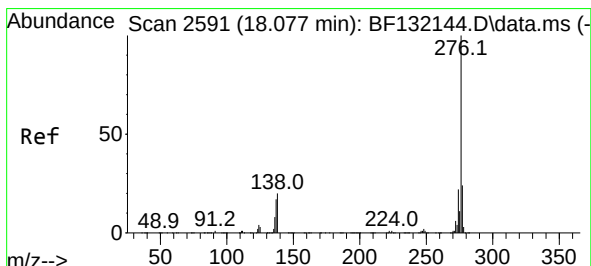
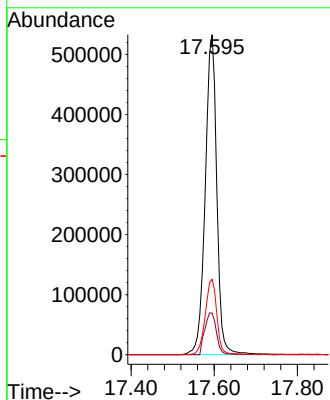
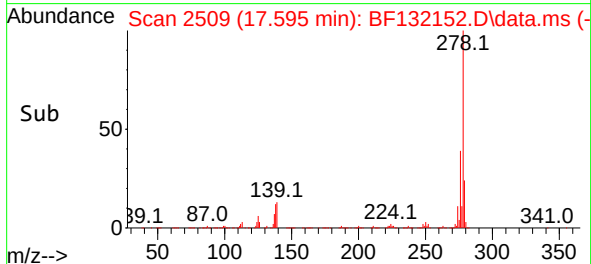
Instrument :
BNA_F
ClientSampleId :
SP6108



Tgt Ion:278 Resp: 102783
Ion Ratio Lower Upper
278 100
139 13.0 11.4 17.2
279 23.5 18.6 28.0

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Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#92
Benzo(g,h,i)perylene
Concen: 54.399 ng
RT: 18.083 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF132152.D
Acq: 19 Jan 2023 18:36

Tgt Ion:276 Resp: 1090829
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 18.7 15.7 23.5

