

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133128.D
 Acq On : 28 Apr 2023 18:51
 Operator : CG\JU
 Sample : 02502-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-01MSD

Quant Time: May 01 03:07:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 03:03:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/01/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	178382	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	717204	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	369048	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	659262	20.000	ng	# 0.00
76) Chrysene-d12	13.892	240	433154	20.000	ng	0.00
86) Perylene-d12	15.304	264	346083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1518321	128.577	ng	0.03
7) Phenol-d6	6.387	99	1763878	120.344	ng	0.00
23) Nitrobenzene-d5	7.304	82	1208752	90.971	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	542674	146.215	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2080831	94.330	ng	0.00
79) Terphenyl-d14	12.845	244	2364725	94.155	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	229312	41.866	ng	# 80
3) Pyridine	3.263	79	299738	20.604	ng	96
4) n-Nitrosodimethylamine	3.199	42	325069	43.140	ng	95
6) Aniline	6.398	93	194419	10.299	ng	# 1
8) 2-Chlorophenol	6.522	128	587744	49.021	ng	97
9) Benzaldehyde	6.287	77	272634	40.498	ng	96
10) Phenol	6.398	94	631146	39.034	ng	99
11) bis(2-Chloroethyl)ether	6.475	93	581068	47.889	ng	98
12) 1,3-Dichlorobenzene	6.681	146	584987	45.892	ng	96
13) 1,4-Dichlorobenzene	6.757	146	602173	47.135	ng	96
14) 1,2-Dichlorobenzene	6.904	146	578130	49.085	ng	97
15) Benzyl Alcohol	6.887	79	467335	46.159	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	863790	40.987	ng	92
17) 2-Methylphenol	7.004	107	485990	44.267	ng	98
18) Hexachloroethane	7.251	117	201450	45.355	ng	97
19) n-Nitroso-di-n-propyla...	7.157	70	387375	42.453	ng	98
20) 3+4-Methylphenols	7.157	107	563917	43.616	ng	# 81
22) Acetophenone	7.151	105	784327	47.209	ng	99
24) Nitrobenzene	7.322	77	589492	43.782	ng	98
25) Isophorone	7.563	82	1119768	44.386	ng	100
26) 2-Nitrophenol	7.640	139	333140	51.298	ng	91
27) 2,4-Dimethylphenol	7.681	122	534470	47.996	ng	100
28) bis(2-Chloroethoxy)met...	7.775	93	672805	45.080	ng	100
29) 2,4-Dichlorophenol	7.881	162	492018	48.535	ng	100
30) 1,2,4-Trichlorobenzene	7.963	180	503367	47.929	ng	99
31) Naphthalene	8.045	128	1658952	46.265	ng	99
32) Benzoic acid	7.798	122	272231	39.577	ng	97
33) 4-Chloroaniline	8.092	127	126289	8.717	ng	97
34) Hexachlorobutadiene	8.163	225	270538	46.477	ng	98
35) Caprolactam	8.463	113	140711m	41.318	ng	
36) 4-Chloro-3-methylphenol	8.581	107	526950	48.203	ng	96
37) 2-Methylnaphthalene	8.734	142	1104943	45.072	ng	99
38) 1-Methylnaphthalene	8.834	142	1032898	45.039	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	454618	45.816	ng	99
41) Hexachlorocyclopentadiene	8.892	237	580285	100.275	ng	98
43) 2,4,6-Trichlorophenol	9.016	196	334981	48.815	ng	100

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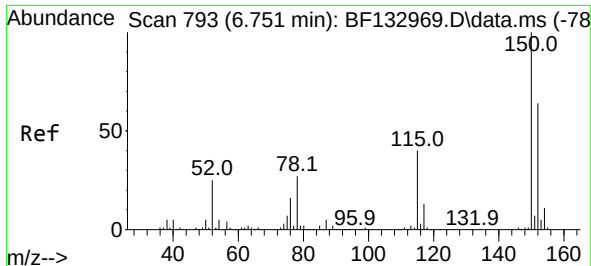
Manual Integrations
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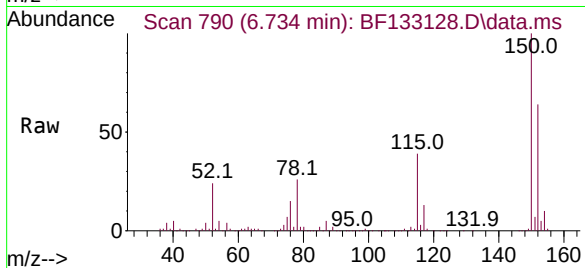
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	361800	45.588	ng	97
46) 1,1'-Biphenyl	9.198	154	1351816	46.194	ng	99
47) 2-Chloronaphthalene	9.222	162	1030855	48.128	ng	99
48) 2-Nitroaniline	9.316	65	331338	46.806	ng	97
49) Acenaphthylene	9.634	152	1603920	46.864	ng	100
50) Dimethylphthalate	9.504	163	1214648	47.202	ng	100
51) 2,6-Dinitrotoluene	9.563	165	289662	50.012	ng	# 83
52) Acenaphthene	9.810	154	1145892m	49.991	ng	
53) 3-Nitroaniline	9.728	138	196745	28.569	ng	98
54) 2,4-Dinitrophenol	9.834	184	258049	88.638	ng	97
55) Dibenzofuran	9.981	168	1433289	45.839	ng	99
56) 4-Nitrophenol	9.898	139	474694	88.997	ng	92
57) 2,4-Dinitrotoluene	9.963	165	379776	51.417	ng	91
58) Fluorene	10.322	166	1066600	46.560	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	303195	49.278	ng	96
60) Diethylphthalate	10.204	149	1126154	46.332	ng	98
61) 4-Chlorophenyl-phenyle...	10.316	204	515903	46.213	ng	99
62) 4-Nitroaniline	10.345	138	325226	51.383	ng	98
63) Azobenzene	10.475	77	1113280	43.236	ng	98
65) 4,6-Dinitro-2-methylph...	10.375	198	201369	50.393	ng	98
66) n-Nitrosodiphenylamine	10.433	169	985319	46.076	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	329022	46.017	ng	98
68) Hexachlorobenzene	10.869	284	364164	49.704	ng	97
69) Atrazine	10.963	200	338920	55.003	ng	97
70) Pentachlorophenol	11.063	266	436902	83.730	ng	99
71) Phenanthrene	11.280	178	1657574	46.780	ng	99
72) Anthracene	11.333	178	1680530	46.344	ng	99
73) Carbazole	11.486	167	1548493	47.957	ng	99
74) Di-n-butylphthalate	11.822	149	1794730	49.117	ng	99
75) Fluoranthene	12.463	202	1714514	48.213	ng	99
77) Benzidine	12.586	184	290018	39.594	ng	# 93
78) Pyrene	12.692	202	1756285	47.299	ng	100
80) Butylbenzylphthalate	13.316	149	739452	56.244	ng	97
81) Benzo(a)anthracene	13.880	228	1391074	46.701	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	362635	44.070	ng	100
83) Chrysene	13.916	228	1379045	46.309	ng	100
84) Bis(2-ethylhexyl)phtha...	13.880	149	830075	50.301	ng	99
85) Di-n-octyl phthalate	14.492	149	1399059	51.995	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	1266139	64.317	ng	99
88) Benzo(b)fluoranthene	14.904	252	1122596	50.987	ng	98
89) Benzo(k)fluoranthene	14.933	252	1113705	51.028	ng	99
90) Benzo(a)pyrene	15.251	252	935085	46.660	ng	99
91) Dibenzo(a,h)anthracene	16.710	278	1048018	63.830	ng	98
92) Benzo(g,h,i)perylene	17.110	276	1095264	67.568	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF133128.D
 Acq: 28 Apr 2023 18:51

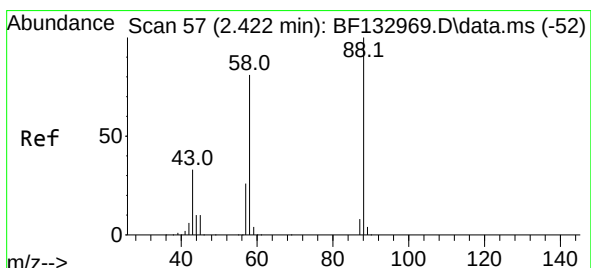
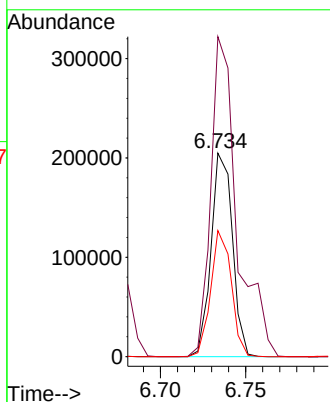
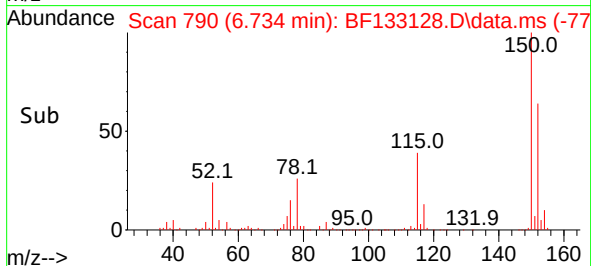
Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-01MSD



Tgt Ion:152 Resp: 178382
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.8 187.2
 115 61.9 49.9 74.9

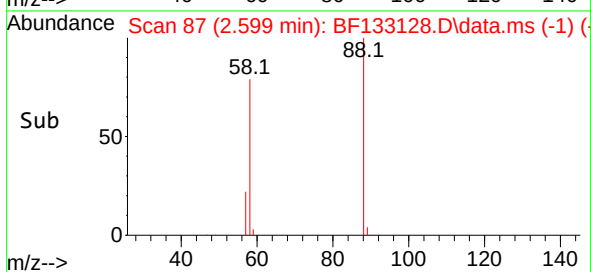
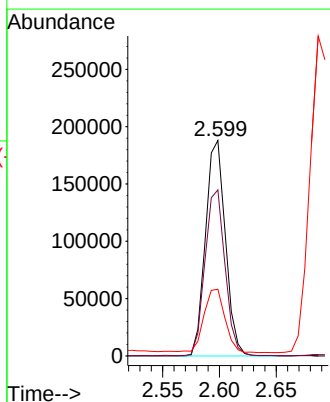
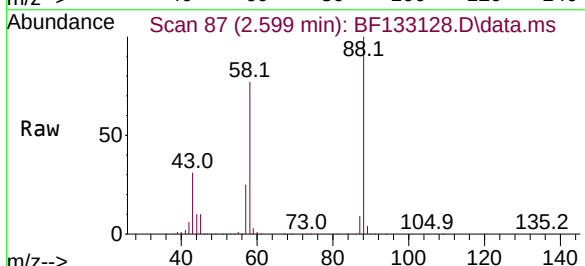
Manual Integrations
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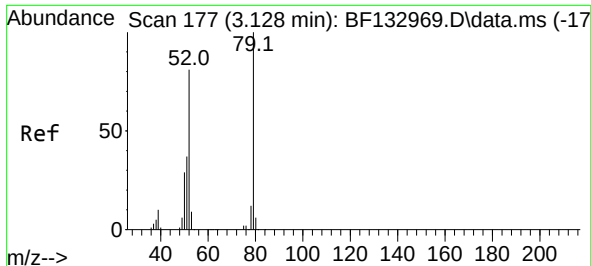
Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023



#2
 1,4-Dioxane
 Concen: 41.866 ng
 RT: 2.599 min Scan# 87
 Delta R.T. 0.218 min
 Lab File: BF133128.D
 Acq: 28 Apr 2023 18:51

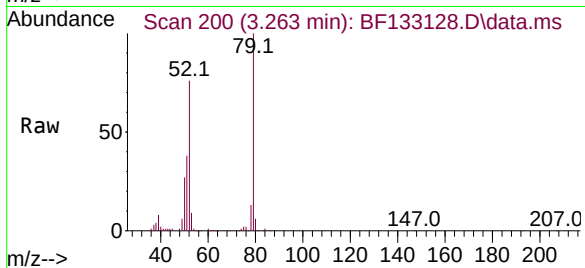
Tgt Ion: 88 Resp: 229312
 Ion Ratio Lower Upper
 88 100
 58 77.3 64.7 97.1
 43 0.0 26.2 39.2





#3
Pyridine
Concen: 20.604 ng
RT: 3.263 min Scan# 20
Delta R.T. 0.183 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

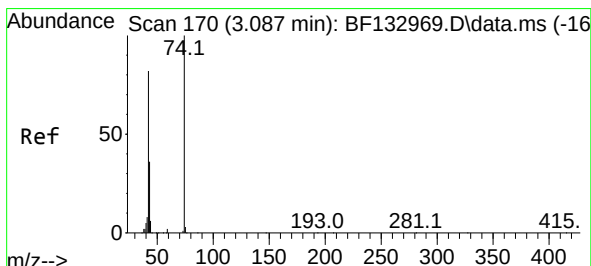
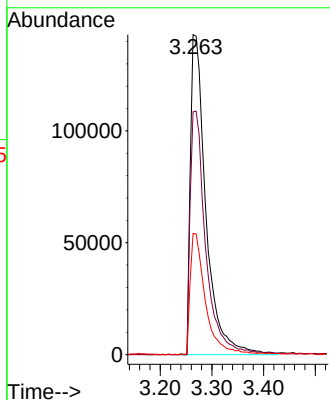
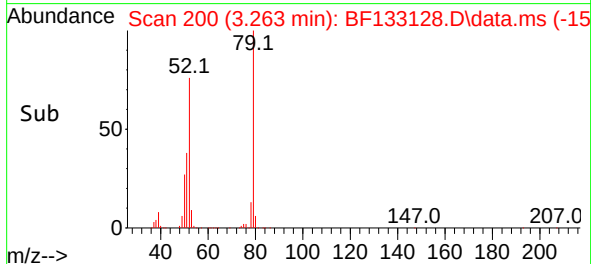
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



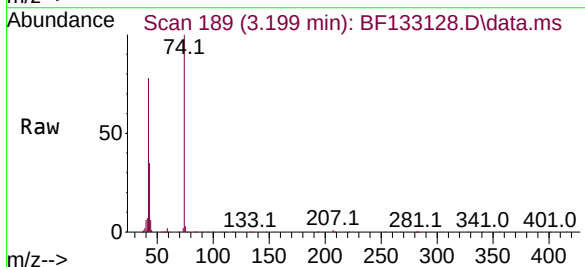
Tgt Ion: 79 Resp: 299738
Ion Ratio Lower Upper
79 100
52 75.9 64.6 96.8
51 37.8 30.0 45.0

Manual Integrations
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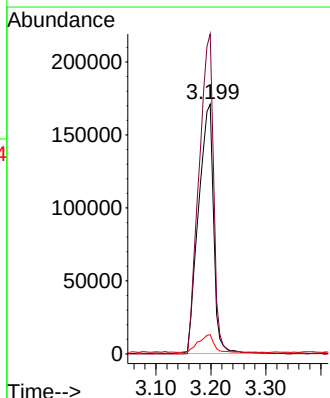
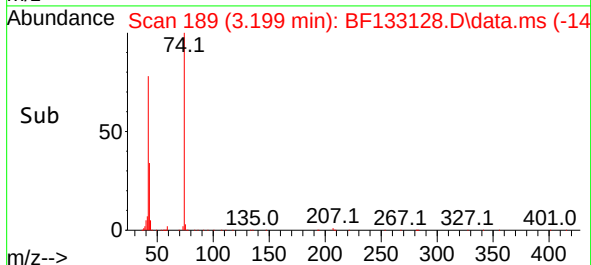
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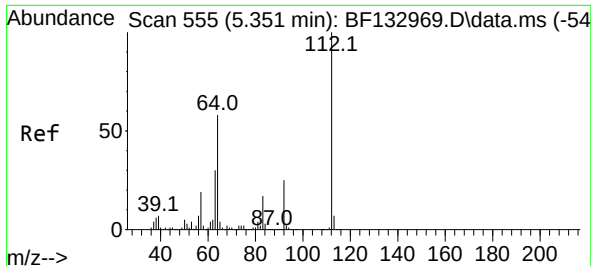


#4
n-Nitrosodimethylamine
Concen: 43.140 ng
RT: 3.199 min Scan# 189
Delta R.T. 0.159 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51



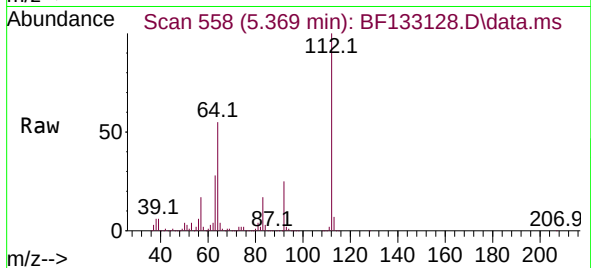
Tgt Ion: 42 Resp: 325069
Ion Ratio Lower Upper
42 100
74 128.1 98.0 147.0
44 7.7 5.8 8.8





#5
2-Fluorophenol
Concen: 128.577 ng
RT: 5.369 min Scan# 51
Delta R.T. 0.030 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

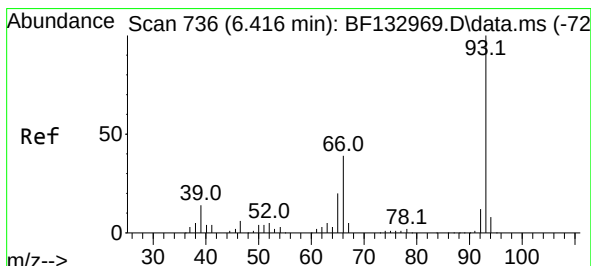
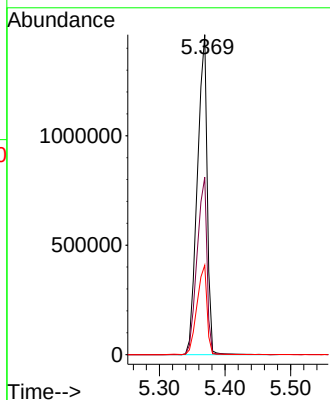
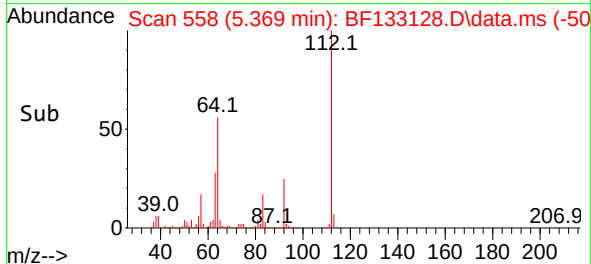
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ClientSampleId :
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Tgt Ion: 112 Resp: 151832
Ion Ratio Lower Upper
112 100
64 55.4 46.8 70.2
63 27.9 23.8 35.8

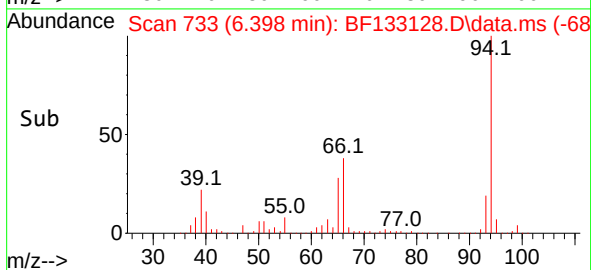
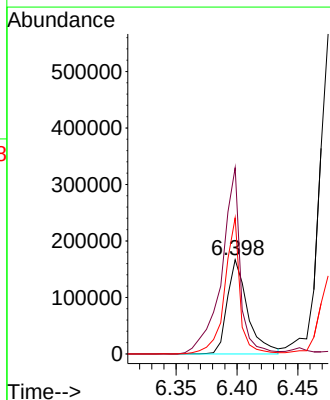
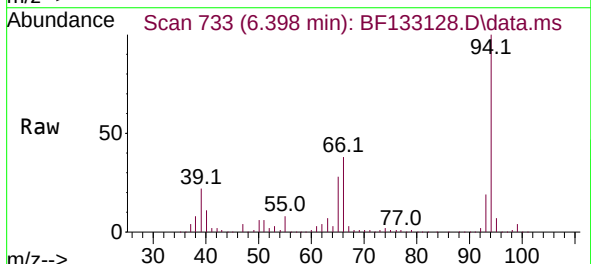
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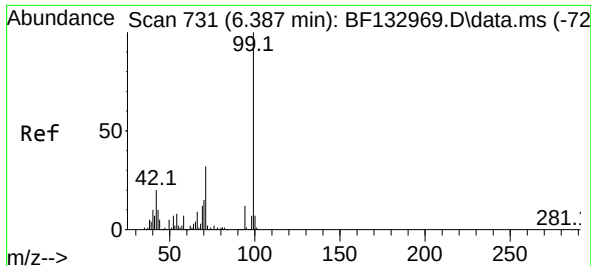
Reviewed By :Christian Giraldo 05/01/2023
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#6
Aniline
Concen: 10.299 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

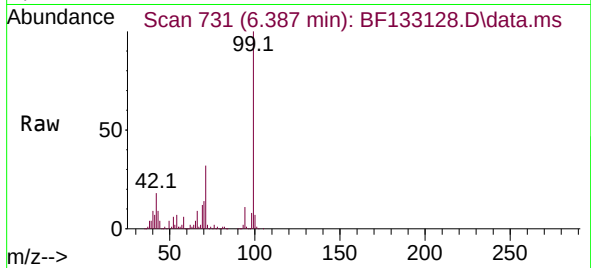
Tgt Ion: 93 Resp: 194419
Ion Ratio Lower Upper
93 100
66 197.8 31.5 47.3#
65 144.6 16.4 24.6#





#7
Phenol-d6
Concen: 120.344 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

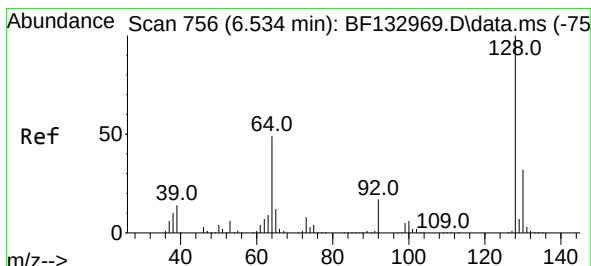
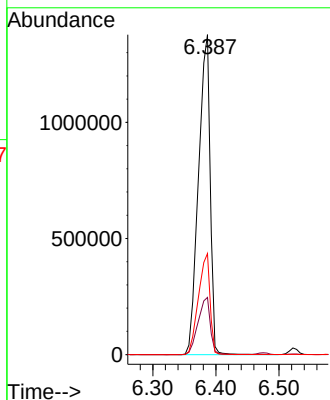
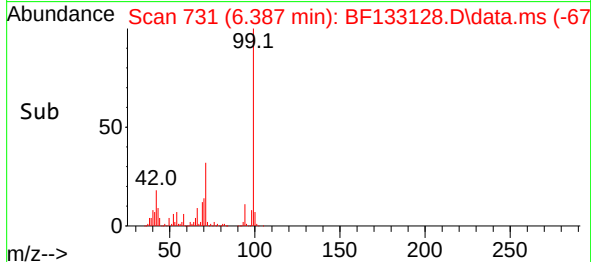
Instrument :
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Tgt Ion: 99 Resp: 1763878
Ion Ratio Lower Upper
99 100
42 17.9 16.3 24.5
71 31.6 25.6 38.4

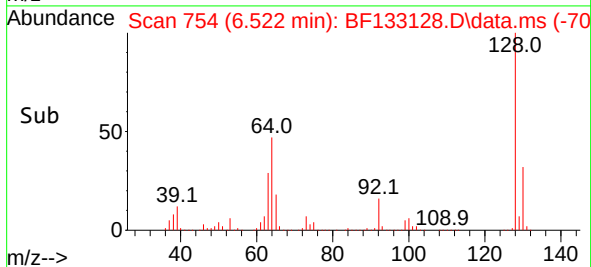
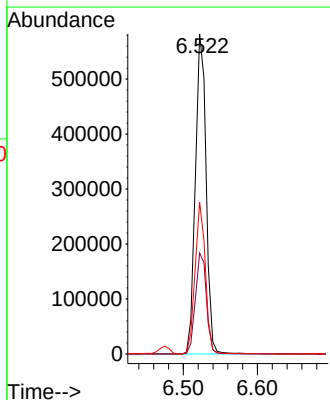
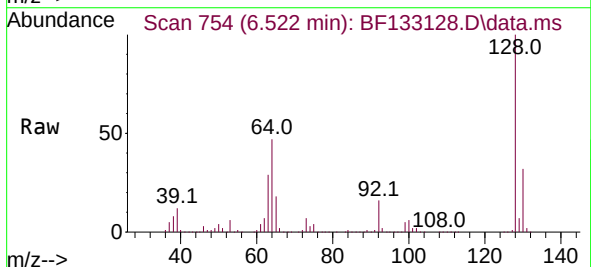
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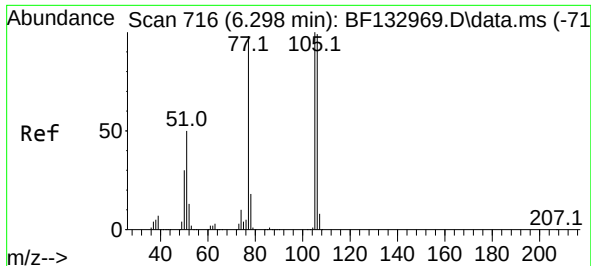
Reviewed By :Christian Giraldo 05/01/2023
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#8
2-Chlorophenol
Concen: 49.021 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

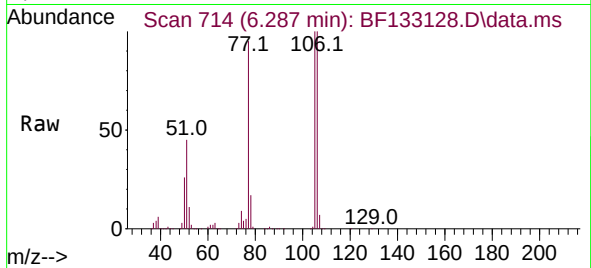
Tgt Ion:128 Resp: 587744
Ion Ratio Lower Upper
128 100
130 31.5 12.2 52.2
64 47.5 30.3 70.3





#9
Benzaldehyde
Concen: 40.498 ng
RT: 6.287 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

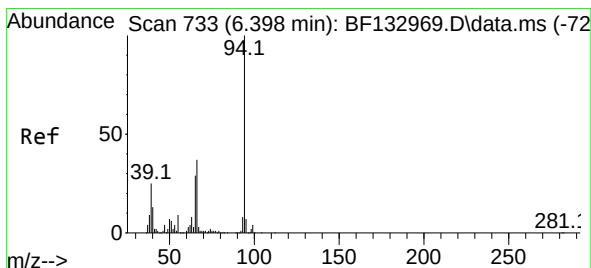
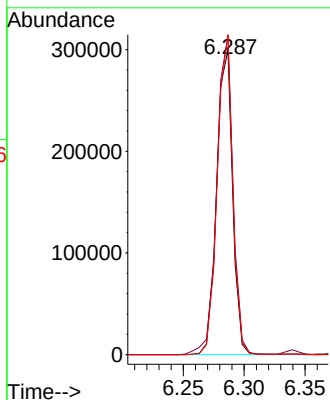
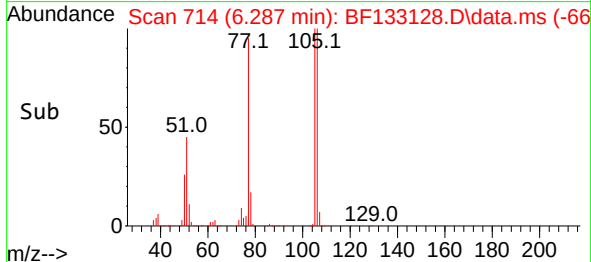
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



Tgt Ion: 77 Resp: 272634
Ion Ratio Lower Upper
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105 105.0 82.3 122.3
106 105.2 80.8 120.8

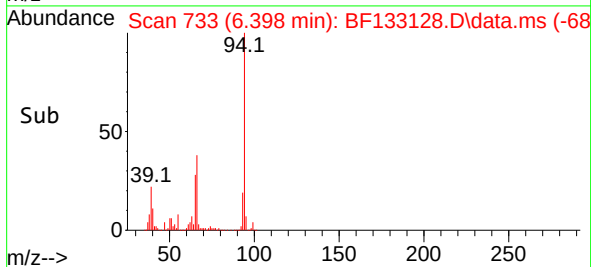
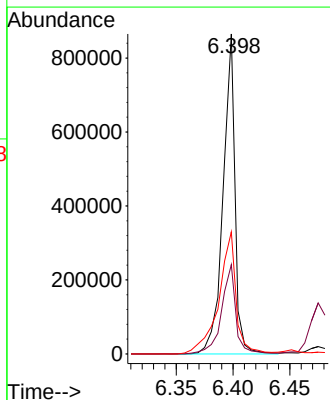
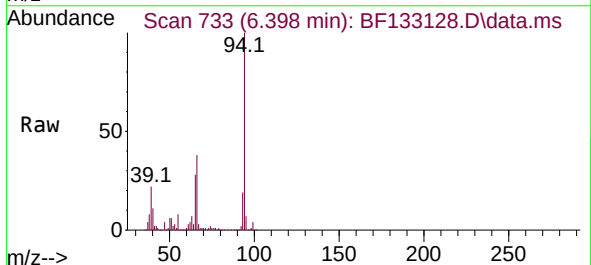
Manual Integrations
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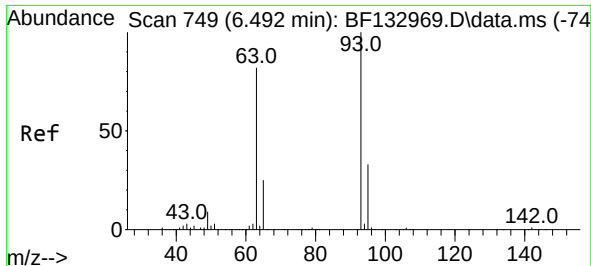
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Phenol
Concen: 39.034 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF133128.D
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Tgt Ion: 94 Resp: 631146
Ion Ratio Lower Upper
94 100
65 27.9 8.6 48.6
66 38.1 17.3 57.3





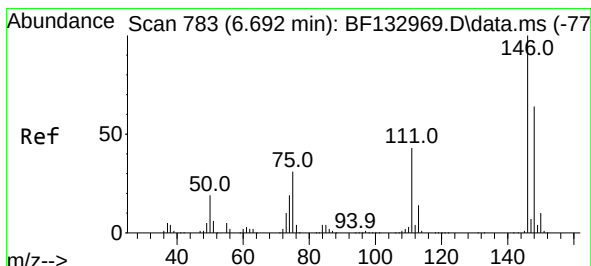
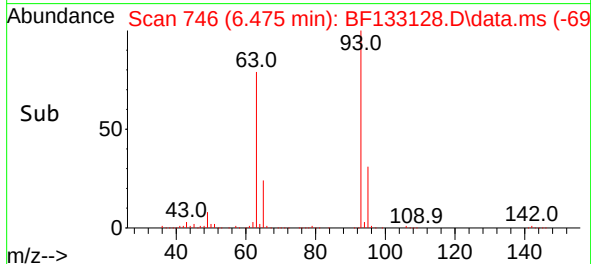
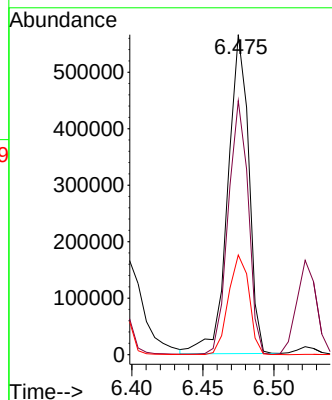
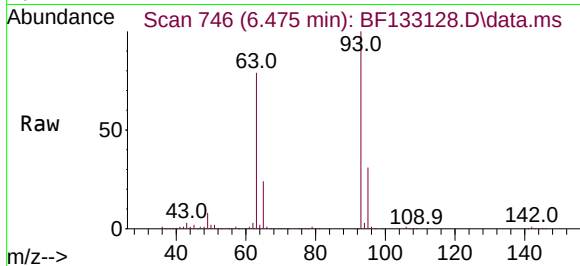
#11
bis(2-Chloroethyl)ether
Concen: 47.889 ng
RT: 6.475 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD

Tgt Ion: 93 Resp: 581068
Ion Ratio Lower Upper
93 100
63 79.3 60.6 100.6
95 31.1 12.9 52.9

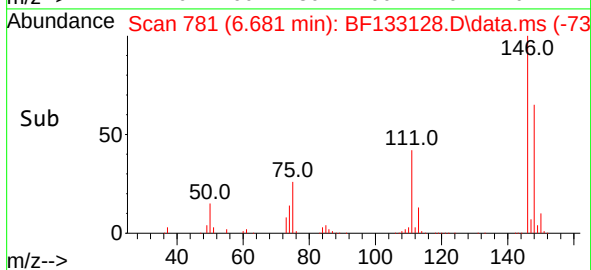
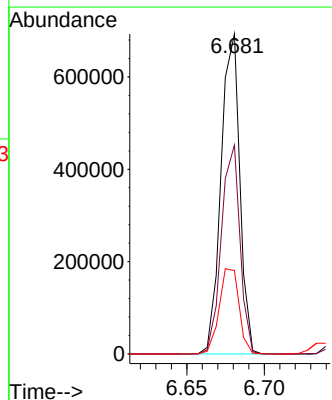
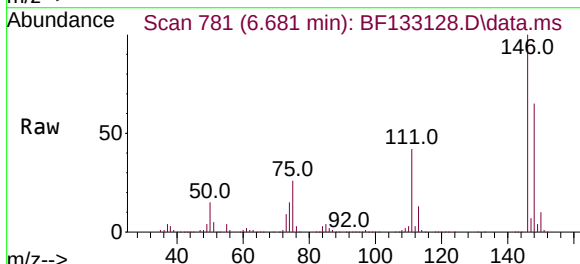
Manual Integrations
APPROVED

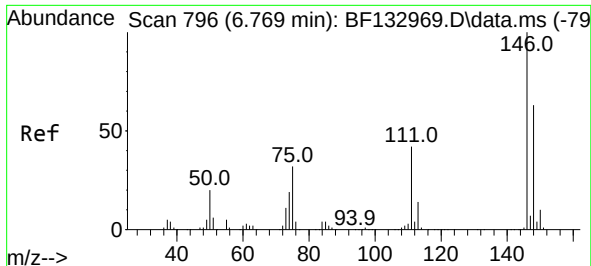
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
1,3-Dichlorobenzene
Concen: 45.892 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

Tgt Ion:146 Resp: 584987
Ion Ratio Lower Upper
146 100
148 65.3 51.0 76.4
75 26.1 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 47.135 ng

RT: 6.757 min Scan# 796

Delta R.T. 0.000 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-01MSD

Tgt Ion:146 Resp: 602173

Ion Ratio Lower Upper

146 100

148 65.4 50.3 75.5

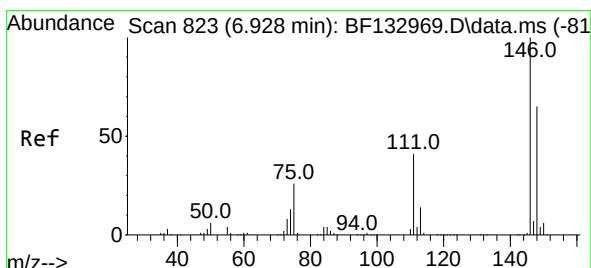
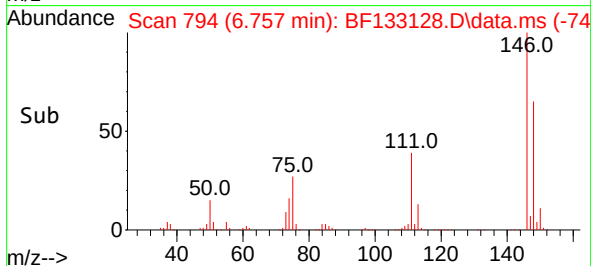
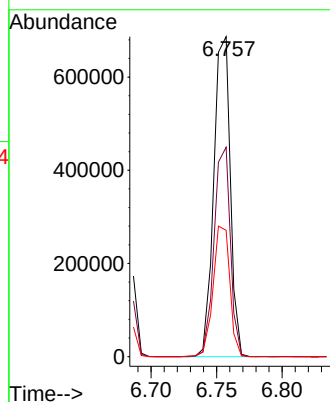
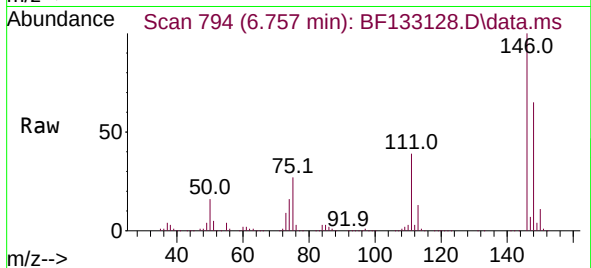
111 39.5 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/01/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#14

1,2-Dichlorobenzene

Concen: 49.085 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

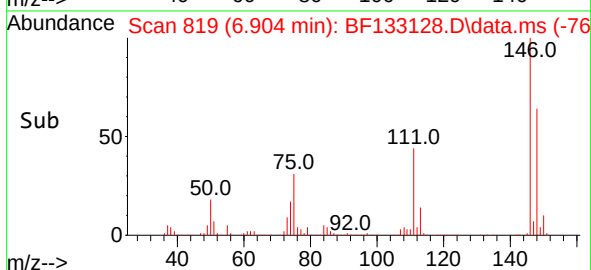
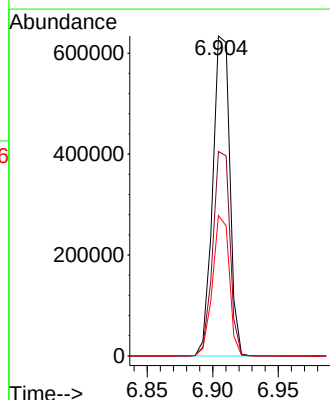
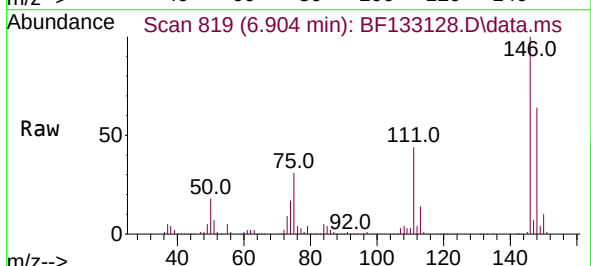
Tgt Ion:146 Resp: 578130

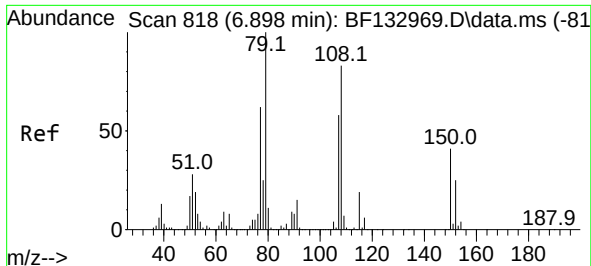
Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

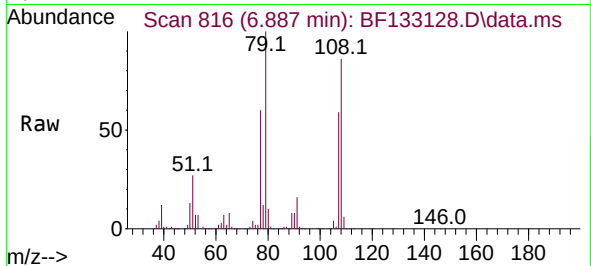
111 43.9 32.8 49.2





#15
Benzyl Alcohol
Concen: 46.159 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.006 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

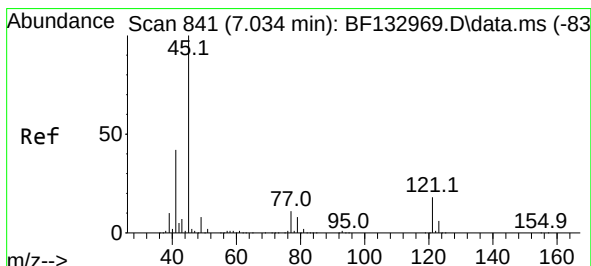
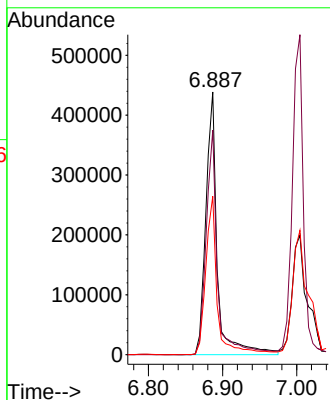
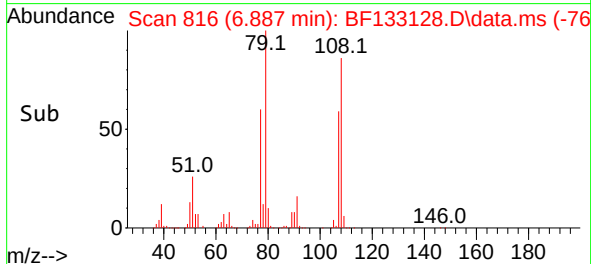
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



Tgt Ion: 79 Resp: 467335
Ion Ratio Lower Upper
79 100
108 85.5 66.6 99.8
77 60.3 49.2 73.8

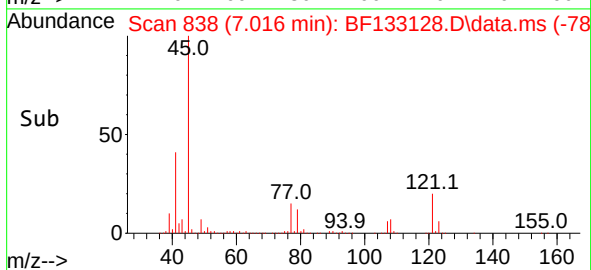
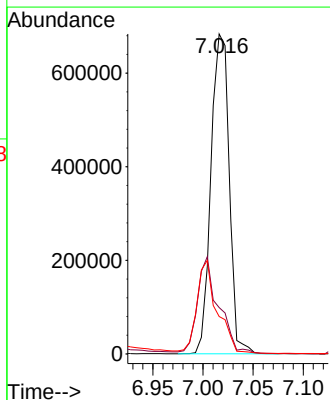
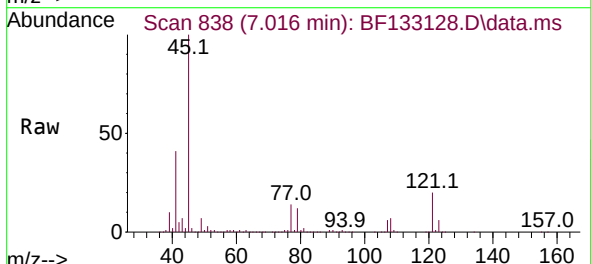
Manual Integrations
APPROVED

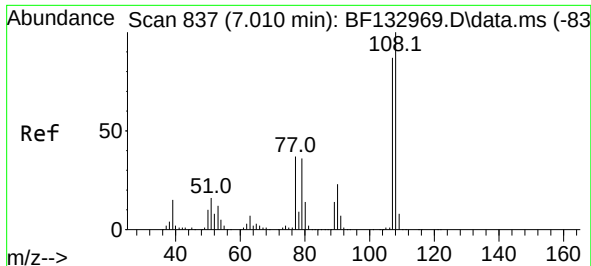
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.987 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

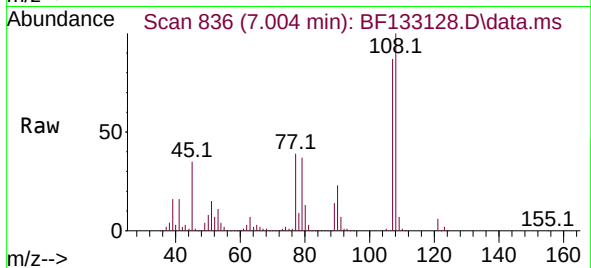
Tgt Ion: 45 Resp: 863790
Ion Ratio Lower Upper
45 100
77 14.5 0.0 31.5
79 11.7 0.0 28.7





#17
2-Methylphenol
Concen: 44.267 ng
RT: 7.004 min Scan# 837
Delta R.T. 0.006 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

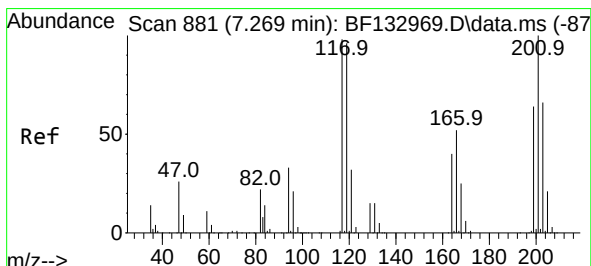
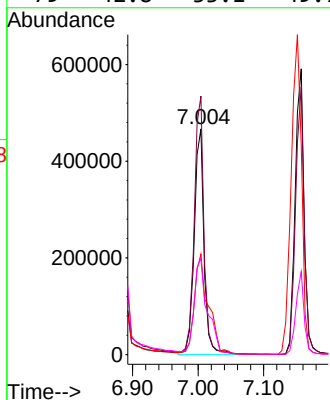
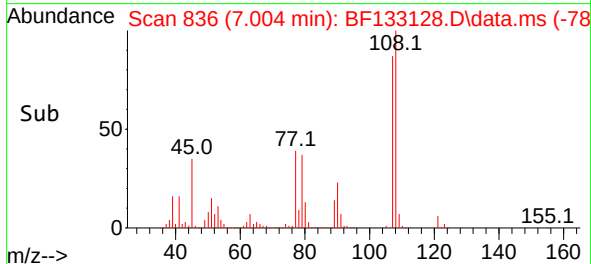
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



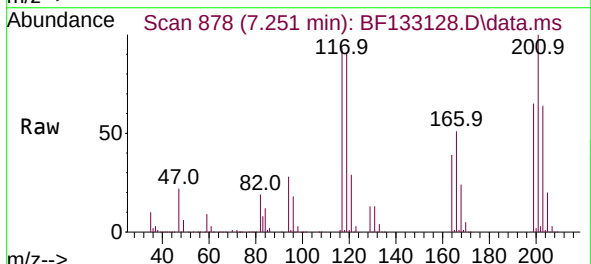
Tgt Ion:107 Resp: 485990
Ion Ratio Lower Upper
107 100
108 114.6 92.4 138.6
77 44.5 33.8 50.8
79 42.8 33.1 49.7

Manual Integrations
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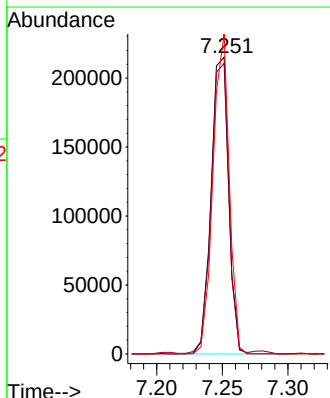
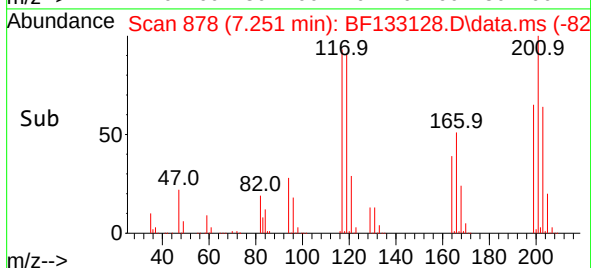
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

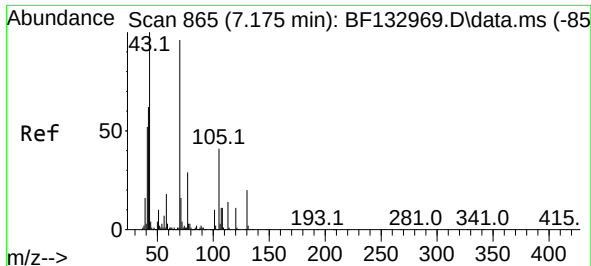


#18
Hexachloroethane
Concen: 45.355 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51



Tgt Ion:117 Resp: 201450
Ion Ratio Lower Upper
117 100
119 97.9 78.2 117.4
201 107.8 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 42.453 ng

RT: 7.157 min Scan# 862

Delta R.T. 0.000 min

Lab File: BF133128.D

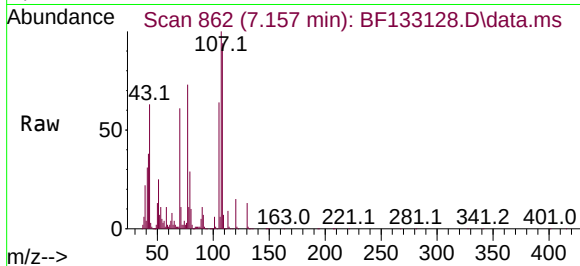
Acq: 28 Apr 2023 18:51

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-01MSD



Tgt Ion: 70 Resp: 387375

Ion Ratio Lower Upper

70 100

42 63.4 51.8 77.6

101 9.9 8.0 12.0

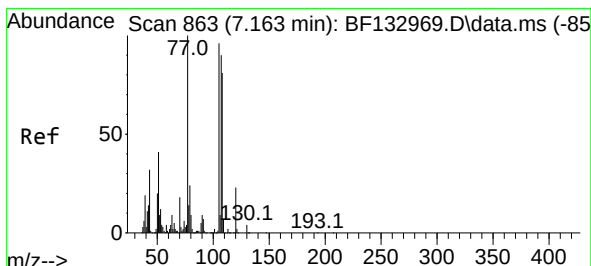
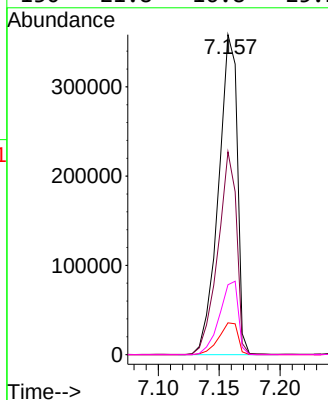
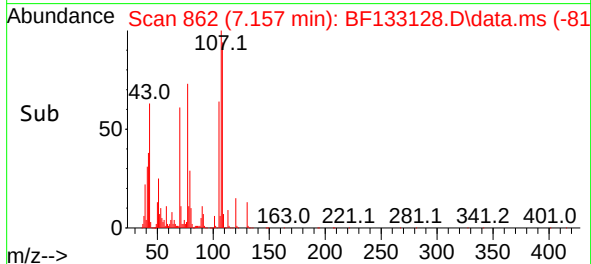
130 21.8 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/01/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#20

3+4-Methylphenols

Concen: 43.616 ng

RT: 7.157 min Scan# 862

Delta R.T. 0.006 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

Tgt Ion:107 Resp: 563917

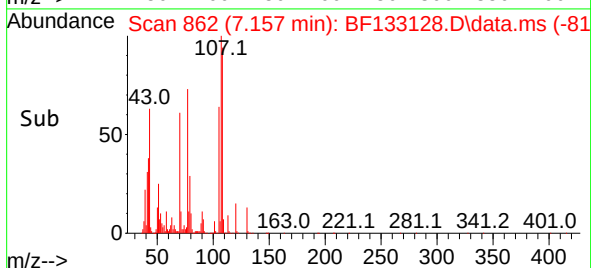
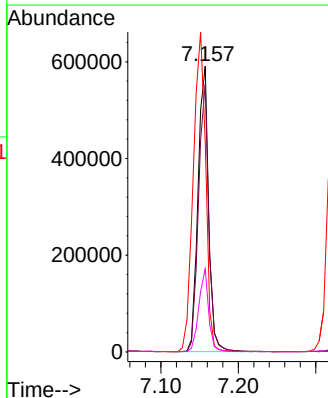
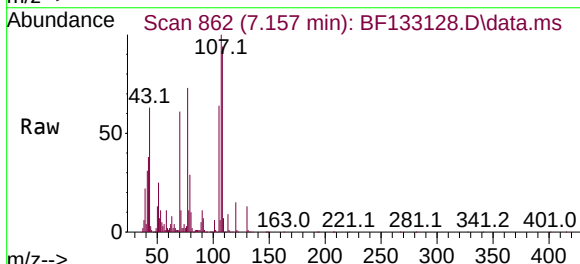
Ion Ratio Lower Upper

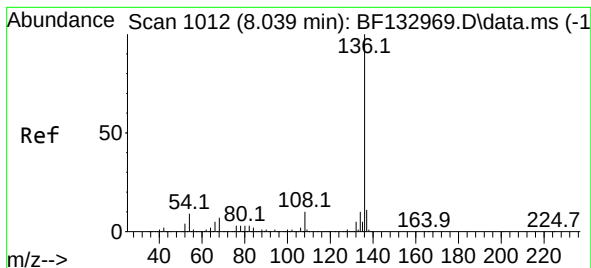
107 100

108 93.6 70.5 110.5

77 73.4 91.7 131.7#

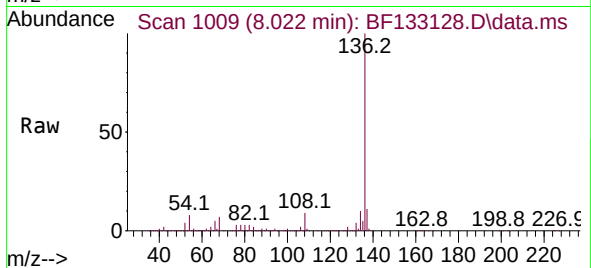
79 29.0 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

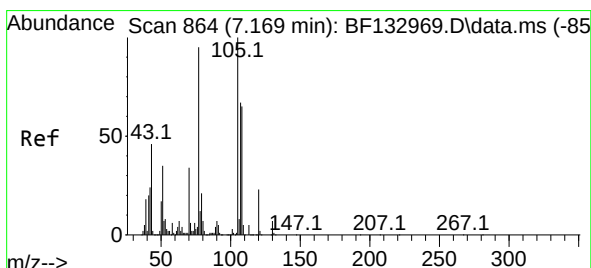
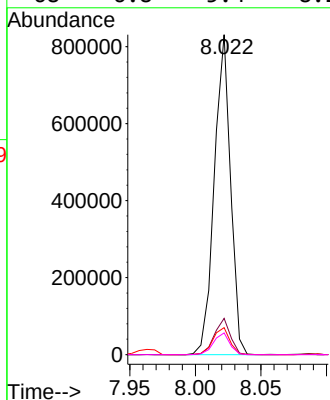
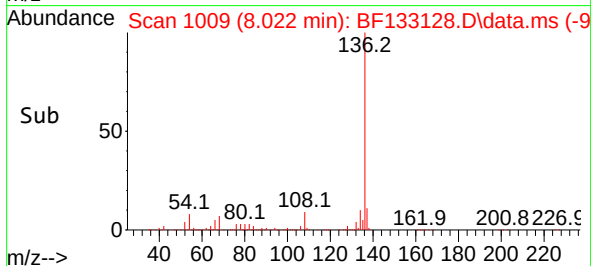
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



Tgt Ion:136 Resp: 717204
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.4 7.0 10.4
68 6.8 5.4 8.2

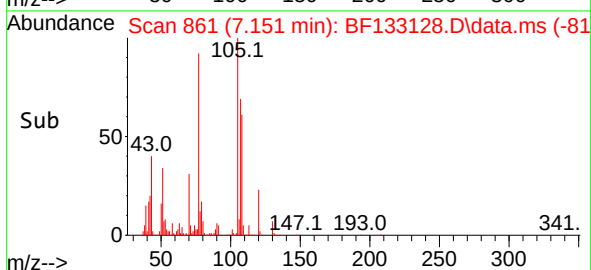
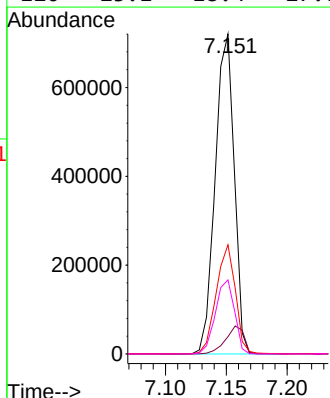
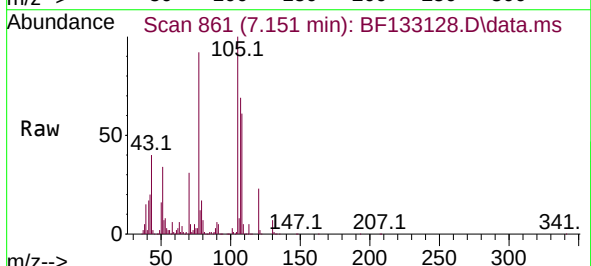
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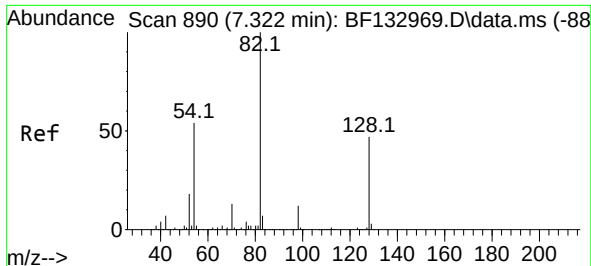
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#22
Acetophenone
Concen: 47.209 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

Tgt Ion:105 Resp: 784327
Ion Ratio Lower Upper
105 100
71 5.4 4.6 7.0
51 34.1 28.2 42.2
120 23.1 18.4 27.6





#23

Nitrobenzene-d5

Concen: 90.971 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.000 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-01MSD

Tgt Ion: 82 Resp: 1208752

Ion Ratio Lower Upper

82 100

128 48.5 37.7 56.5

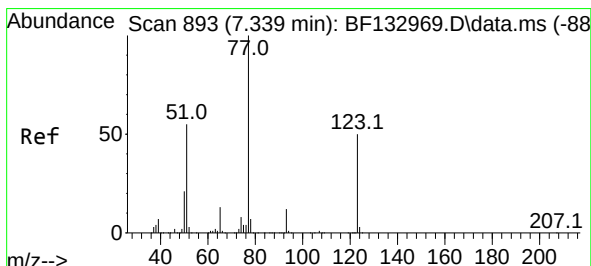
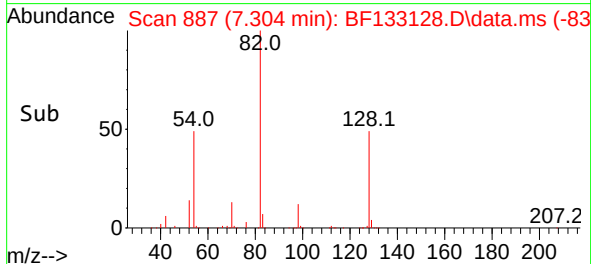
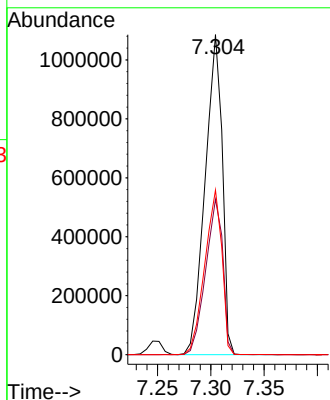
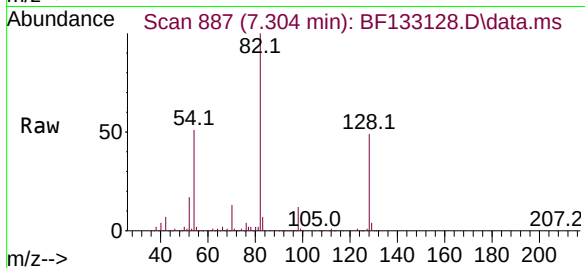
54 51.4 43.0 64.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/01/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#24

Nitrobenzene

Concen: 43.782 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

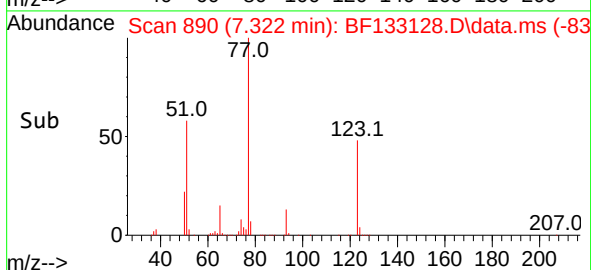
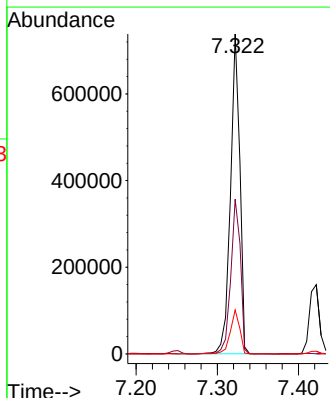
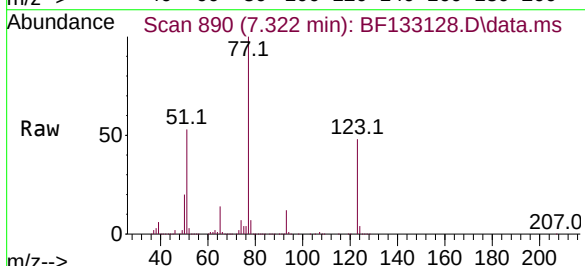
Tgt Ion: 77 Resp: 589492

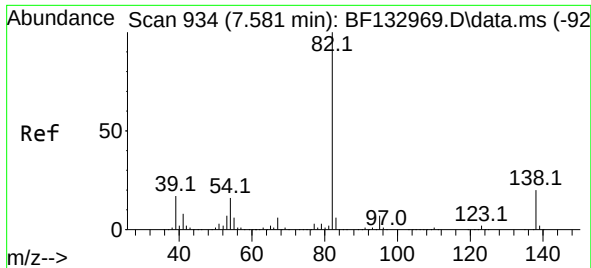
Ion Ratio Lower Upper

77 100

123 48.3 39.9 59.9

65 13.7 10.7 16.1





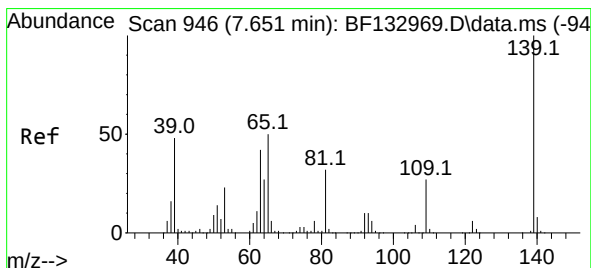
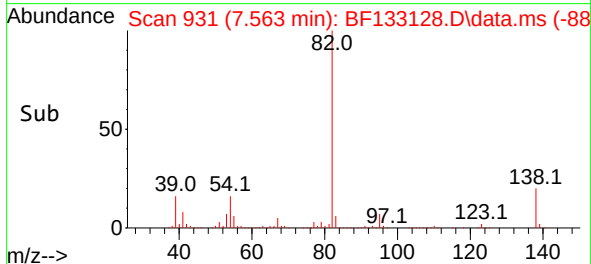
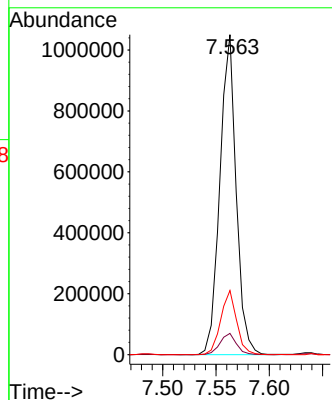
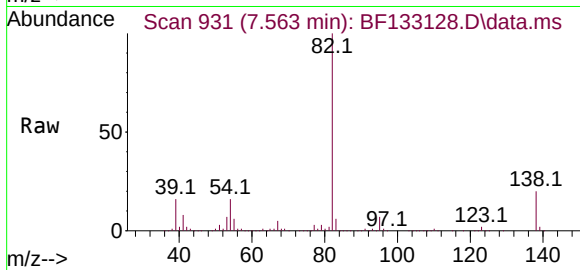
#25
Isophorone
Concen: 44.386 ng
RT: 7.563 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

Instrument :
BNA_F
Client Sample Id :
BU-511-COMP-01MSD

Tgt Ion: 82 Resp: 1119768
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 20.0 16.0 24.0

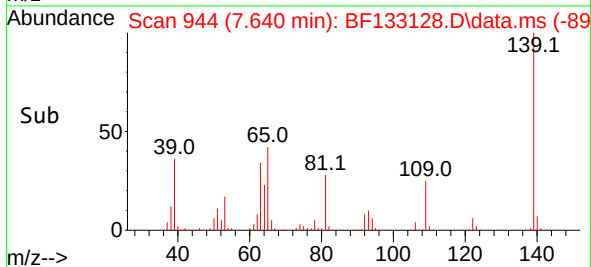
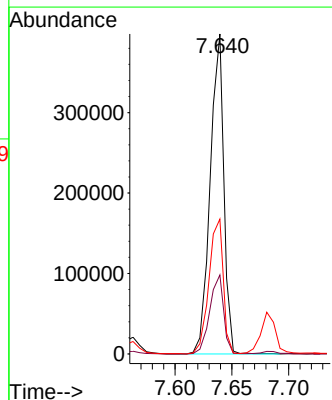
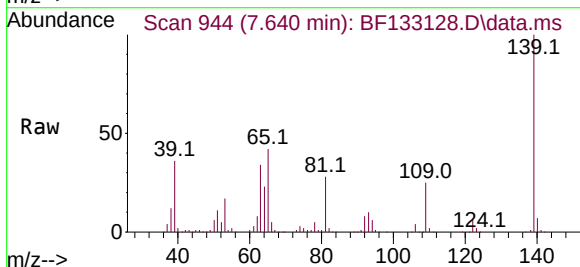
Manual Integrations
APPROVED

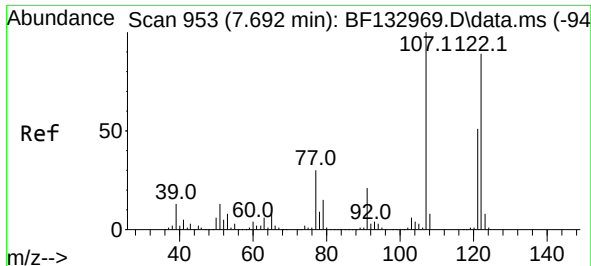
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#26
2-Nitrophenol
Concen: 51.298 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

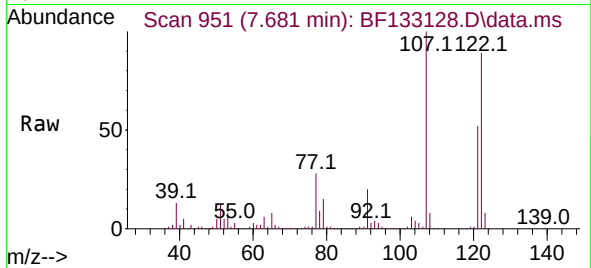
Tgt Ion:139 Resp: 333140
Ion Ratio Lower Upper
139 100
109 24.7 21.6 32.4
65 42.1 39.8 59.6





#27
2,4-Dimethylphenol
Concen: 47.996 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

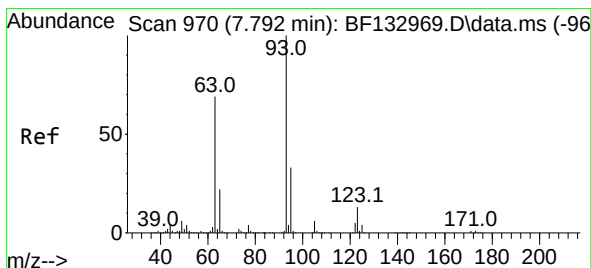
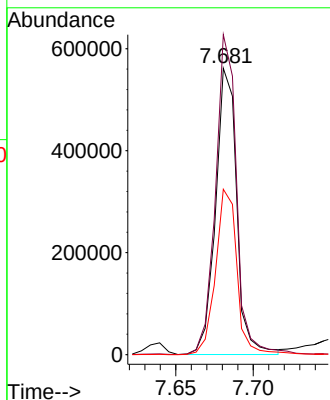
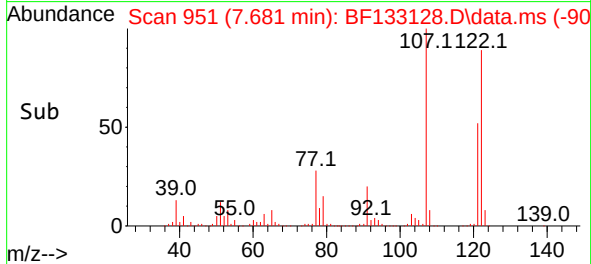
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



Tgt Ion:122 Resp: 534476
Ion Ratio Lower Upper
122 100
107 111.8 89.7 134.5
121 57.7 46.0 69.0

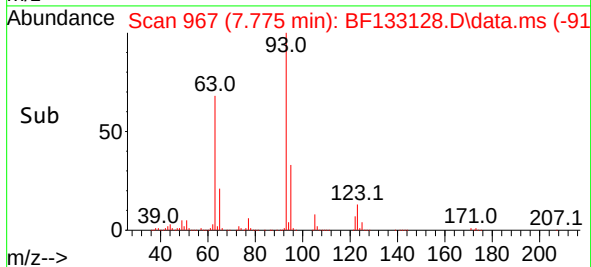
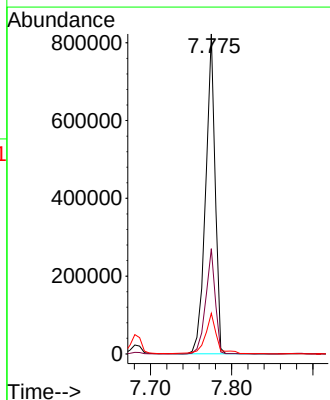
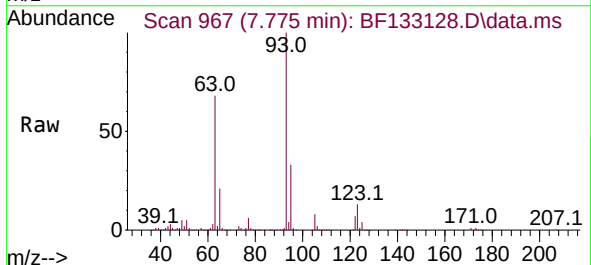
Manual Integrations
APPROVED

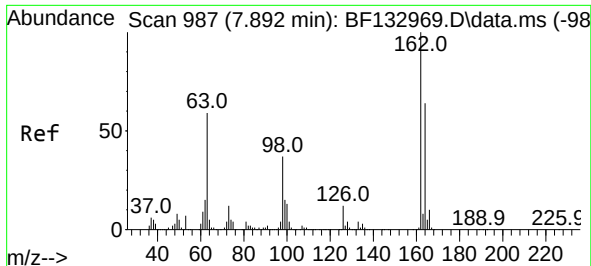
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.080 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

Tgt Ion: 93 Resp: 672805
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 12.7 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 48.535 ng

RT: 7.881 min Scan# 987

Delta R.T. 0.000 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

Instrument :

BNA_F

ClientSampleId :

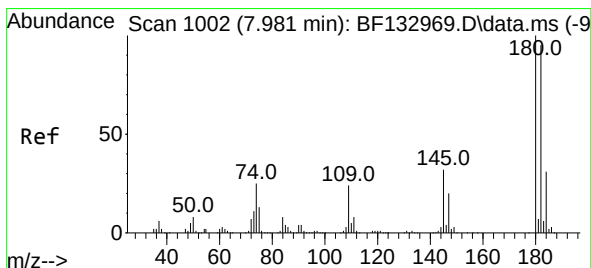
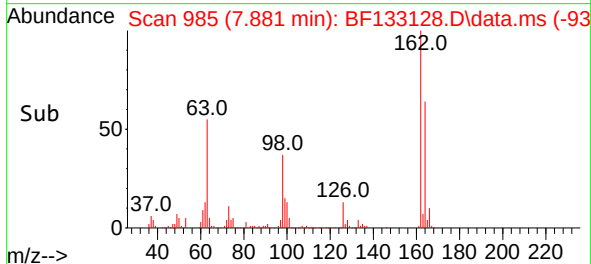
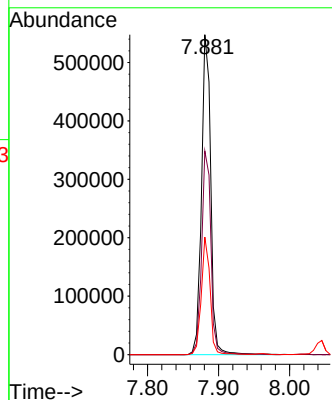
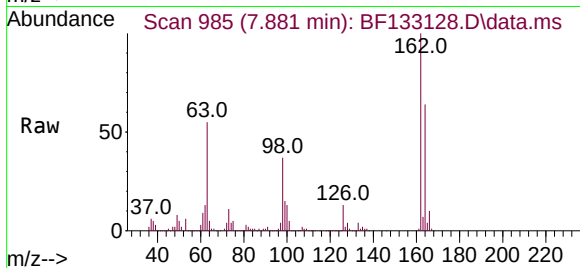
BU-511-COMP-01MSD

Tgt Ion:162 Resp: 492018
 Ion Ratio Lower Upper
 162 100
 164 63.6 43.9 83.9
 98 36.7 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.929 ng

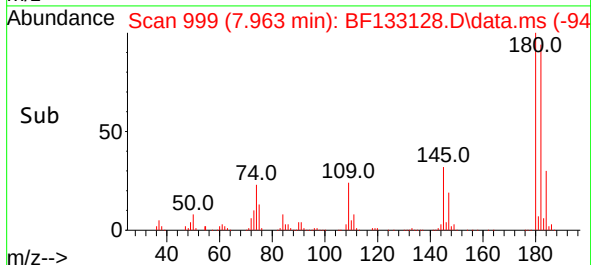
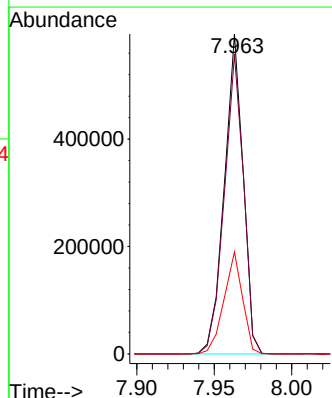
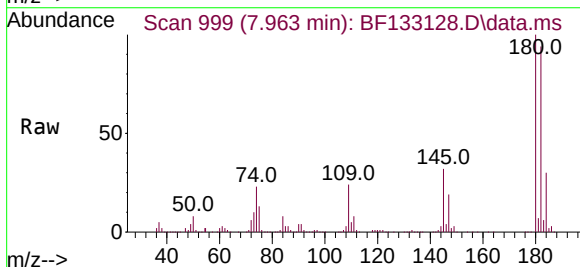
RT: 7.963 min Scan# 999

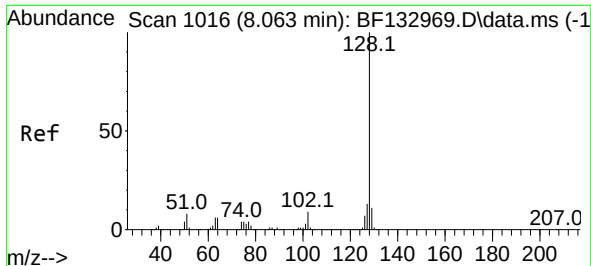
Delta R.T. 0.000 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

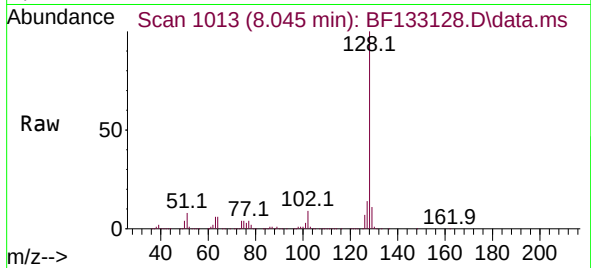
Tgt Ion:180 Resp: 503367
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.9 113.9
 145 31.9 25.3 37.9





#31
Naphthalene
Concen: 46.265 ng
RT: 8.045 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

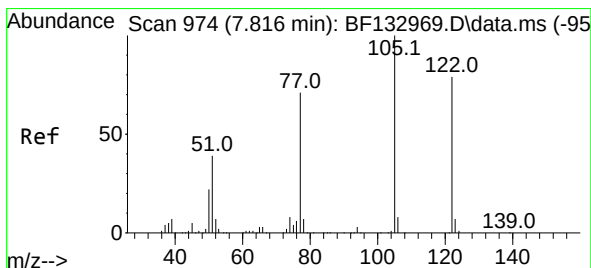
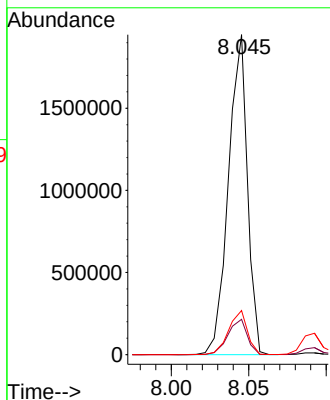
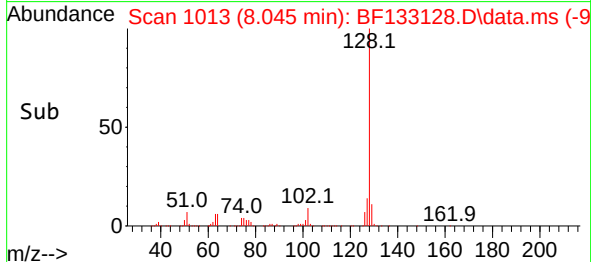
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



Tgt Ion:128 Resp: 1658952
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.8 10.7 16.1

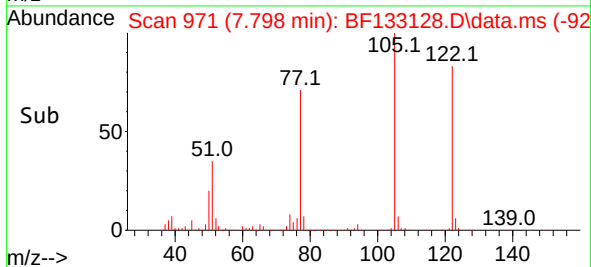
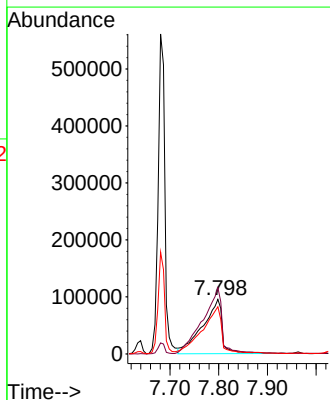
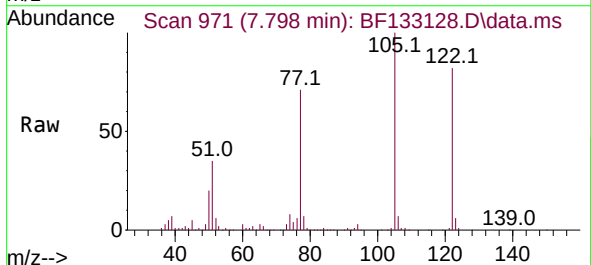
Manual Integrations
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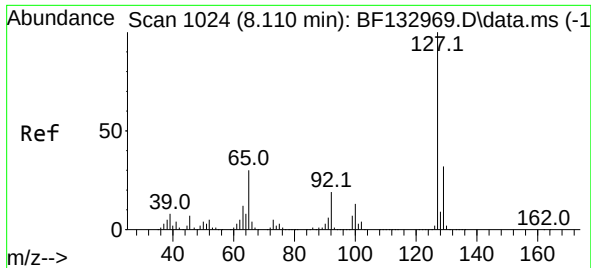
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#32
Benzoic acid
Concen: 39.577 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

Tgt Ion:122 Resp: 272231
Ion Ratio Lower Upper
122 100
105 121.3 104.2 144.2
77 86.5 69.7 109.7





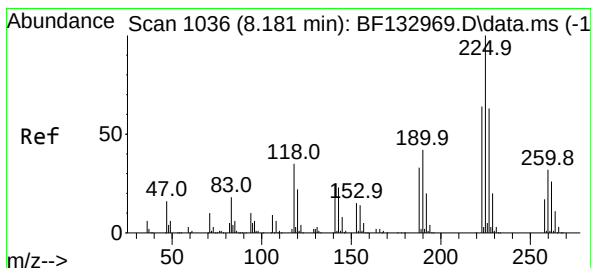
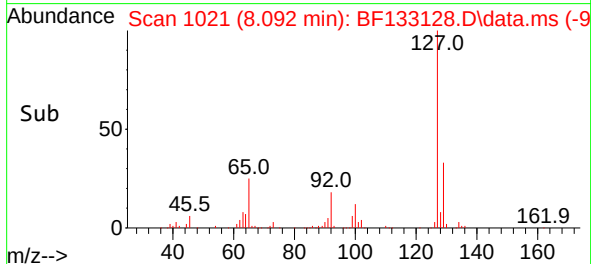
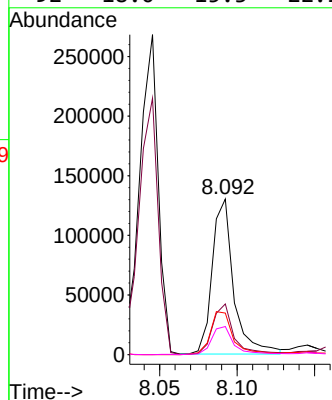
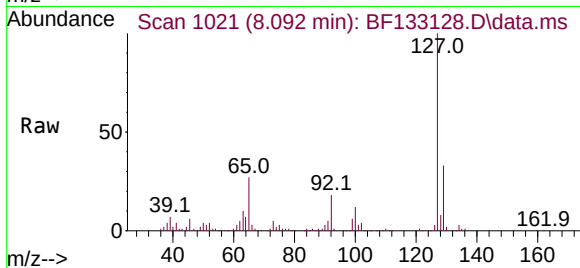
#33
4-Chloroaniline
Concen: 8.717 ng
RT: 8.092 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD

Tgt Ion:	127	Resp:	126289
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.8	38.8
65	26.7	23.6	35.4
92	18.0	15.3	22.9

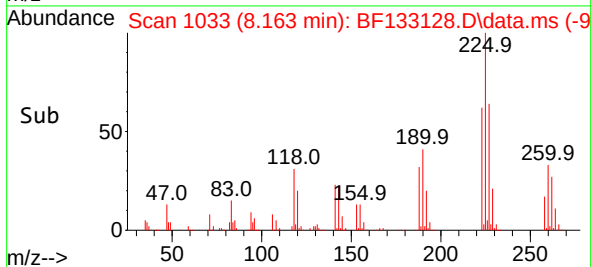
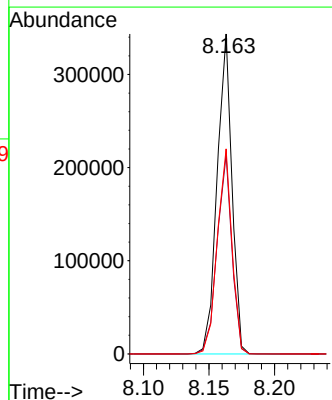
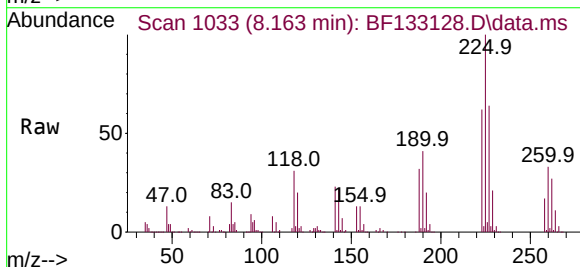
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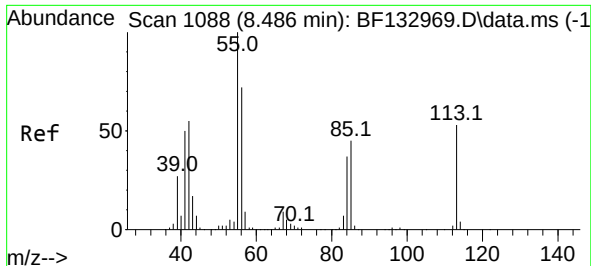
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#34
Hexachlorobutadiene
Concen: 46.477 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

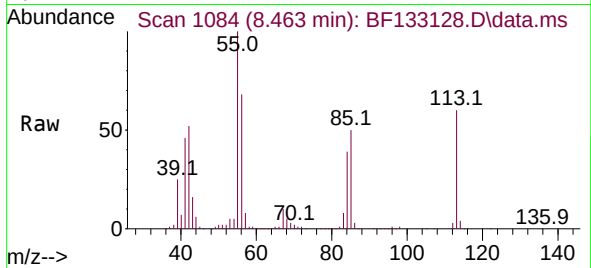
Tgt Ion:	225	Resp:	270538
Ion Ratio	Lower	Upper	
225	100		
223	62.2	50.9	76.3
227	64.1	50.3	75.5





#35
 Caprolactam
 Concen: 41.318 ng m
 RT: 8.463 min Scan# 1084
 Delta R.T. 0.000 min
 Lab File: BF133128.D
 Acq: 28 Apr 2023 18:51

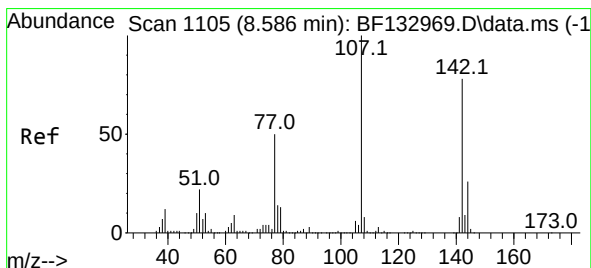
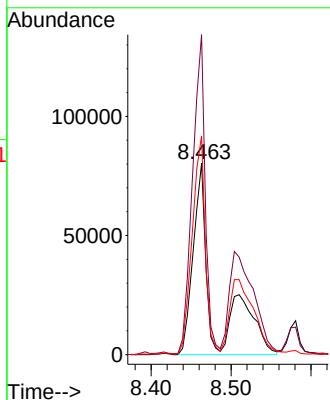
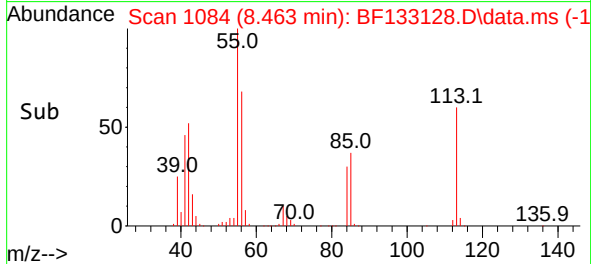
Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-01MSD



Tgt Ion:113 Resp: 140711
 Ion Ratio Lower Upper
 113 100
 55 167.3 167.1 207.1
 56 114.3 114.5 154.5

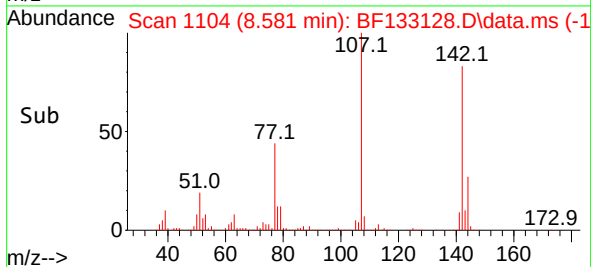
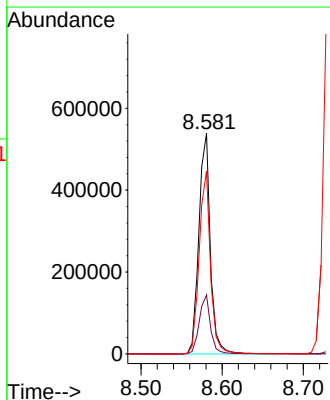
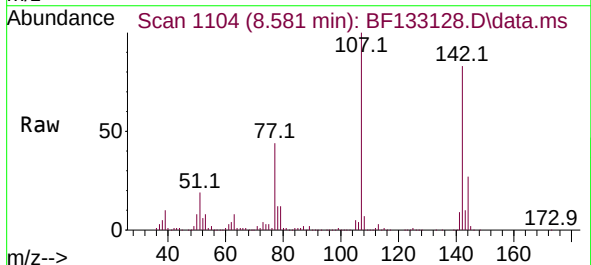
Manual Integrations
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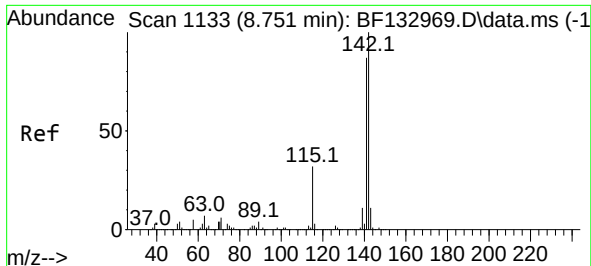
Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023



#36
 4-Chloro-3-methylphenol
 Concen: 48.203 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: BF133128.D
 Acq: 28 Apr 2023 18:51

Tgt Ion:107 Resp: 526950
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.6 30.8
 142 82.9 62.8 94.2





#37

2-Methylnaphthalene

Concen: 45.072 ng

RT: 8.734 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-01MSD

Tgt Ion:142 Resp: 1104943

Ion Ratio Lower Upper

142 100

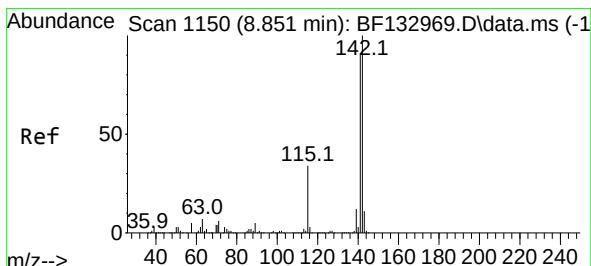
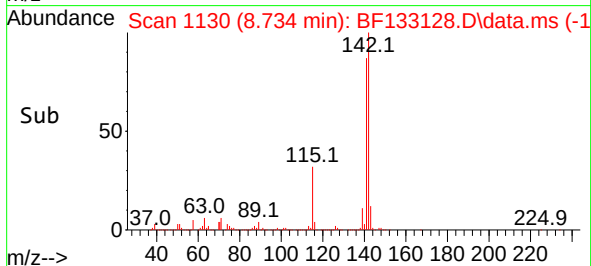
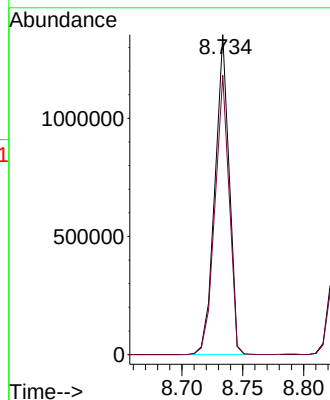
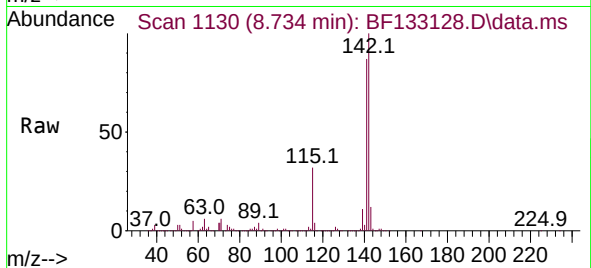
141 87.3 69.4 104.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/01/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#38

1-Methylnaphthalene

Concen: 45.039 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF133128.D

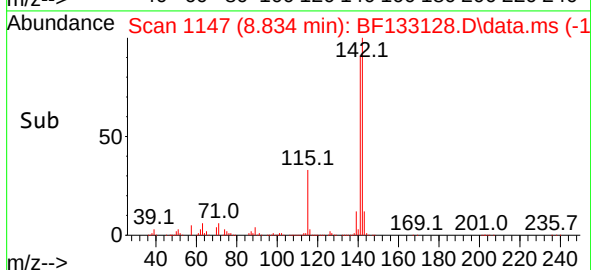
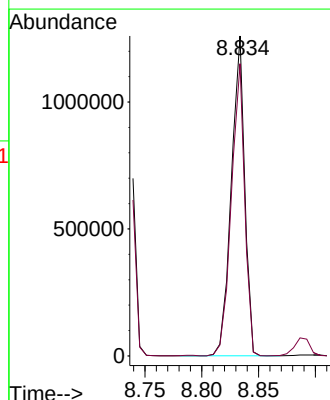
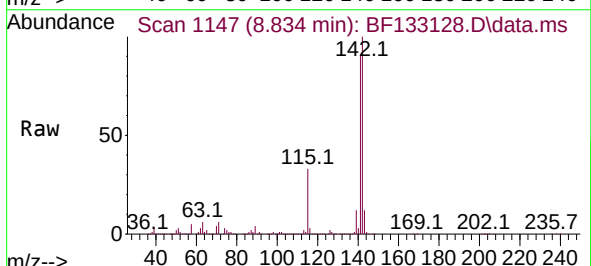
Acq: 28 Apr 2023 18:51

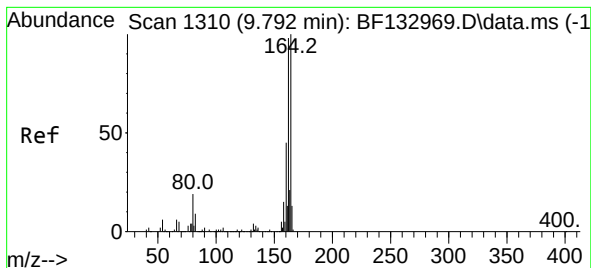
Tgt Ion:142 Resp: 1032898

Ion Ratio Lower Upper

142 100

141 91.3 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BF133128.D

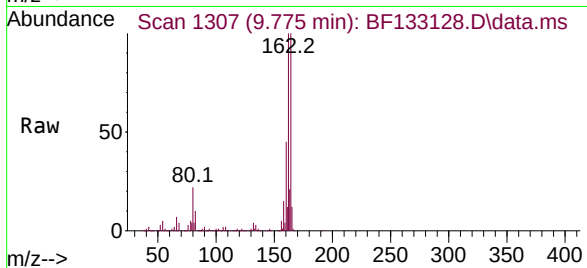
Acq: 28 Apr 2023 18:51

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-01MSD



Tgt Ion:164 Resp: 369048

Ion Ratio Lower Upper

164 100

162 100.0 78.7 118.1

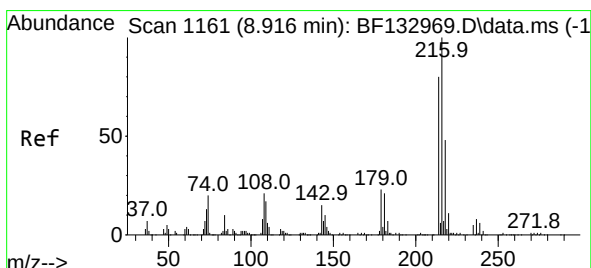
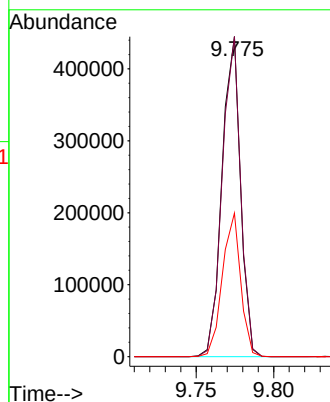
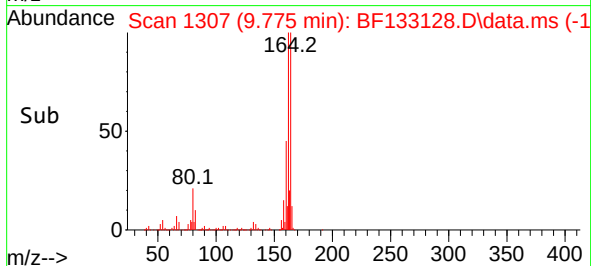
160 44.8 35.8 53.6

Manual Integrations

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Reviewed By :Christian Giraldo 05/01/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.816 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.006 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

Tgt Ion:216 Resp: 454618

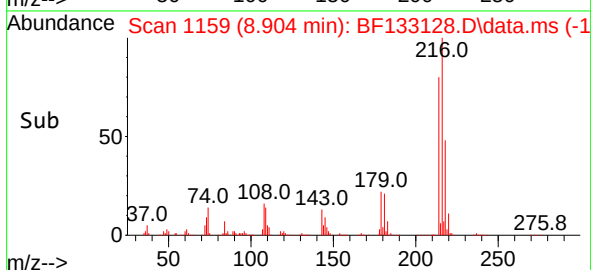
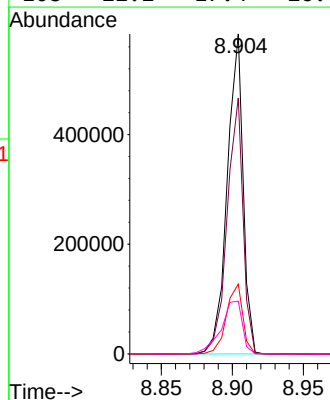
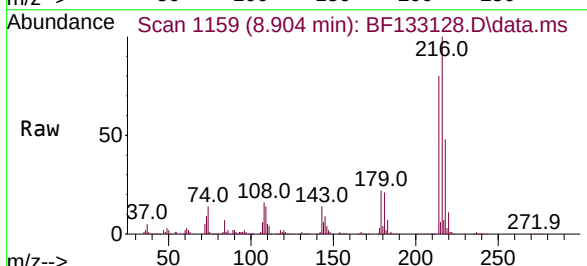
Ion Ratio Lower Upper

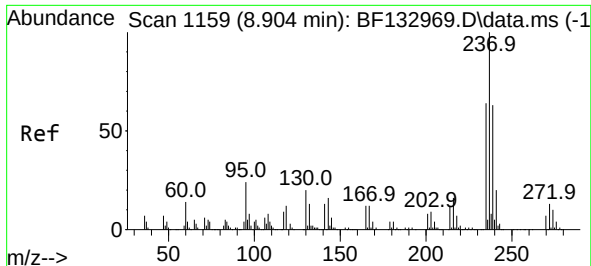
216 100

214 80.1 63.5 95.3

179 22.5 17.4 26.2

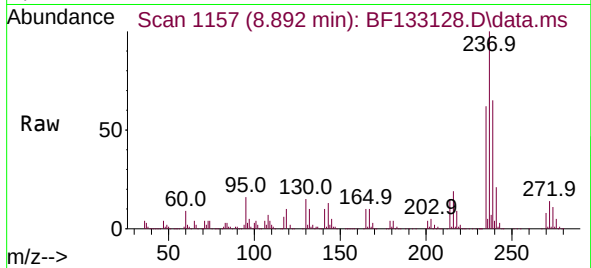
108 22.2 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 100.275 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

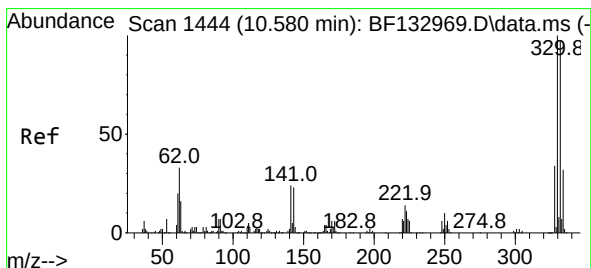
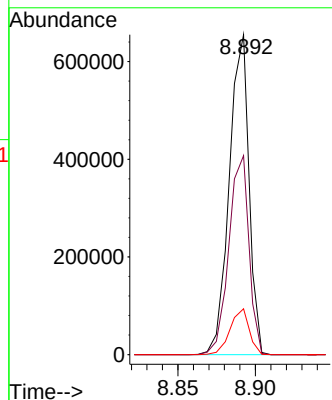
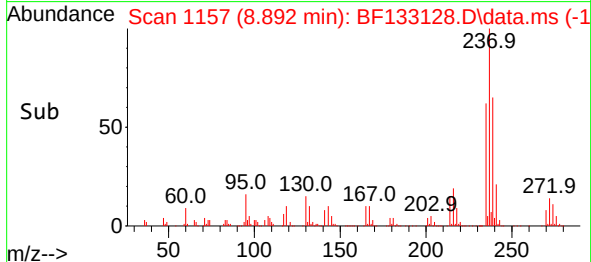
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



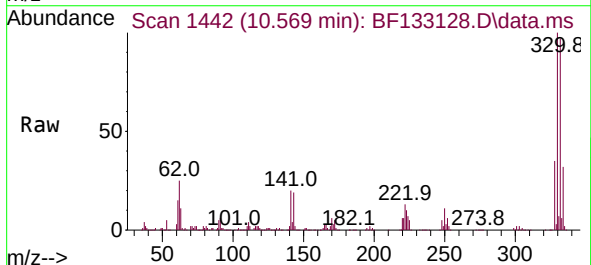
Tgt Ion: 237 Resp: 580285
Ion Ratio Lower Upper
237 100
235 62.2 43.5 83.5
272 14.3 0.0 32.7

Manual Integrations
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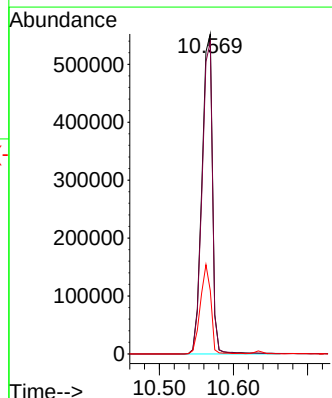
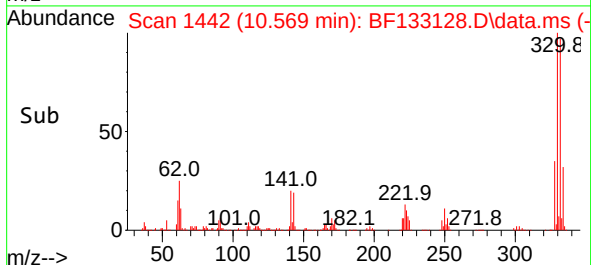
Reviewed By : Christian Giraldo 05/01/2023
Supervised By : Jagrut Upadhyay 05/01/2023

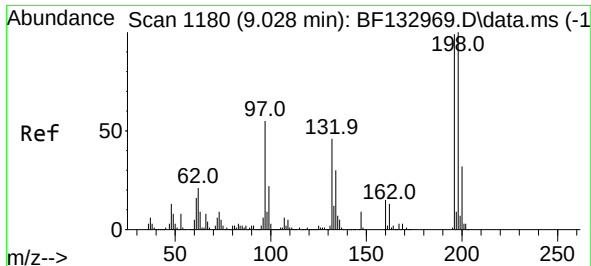


#42
2,4,6-Tribromophenol
Concen: 146.215 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51



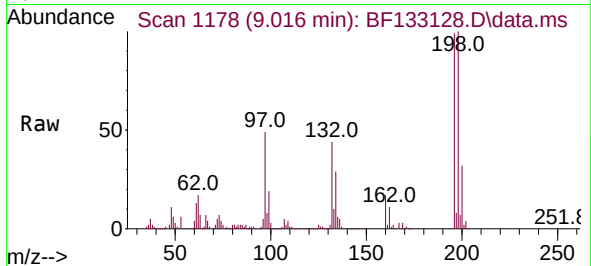
Tgt Ion: 330 Resp: 542674
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 27.9 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 48.815 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

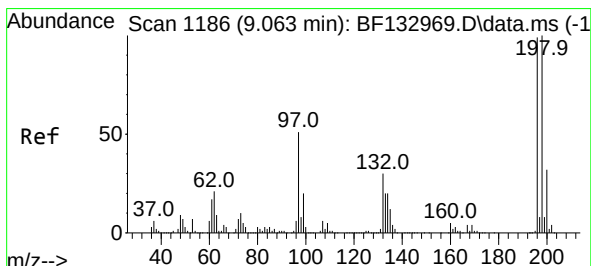
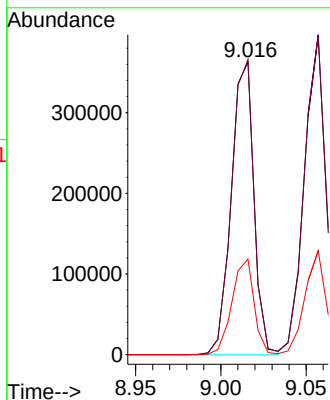
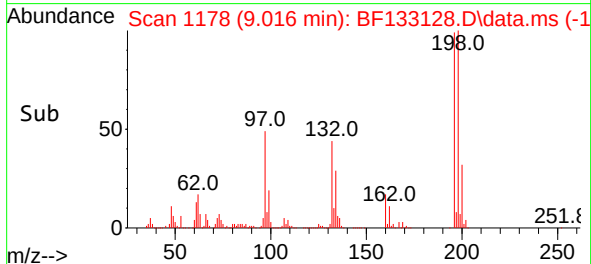
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



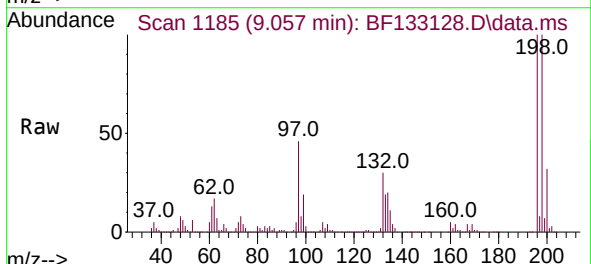
Tgt Ion:196 Resp: 334981
Ion Ratio Lower Upper
196 100
198 100.9 81.0 121.6
200 32.6 26.1 39.1

Manual Integrations
APPROVED

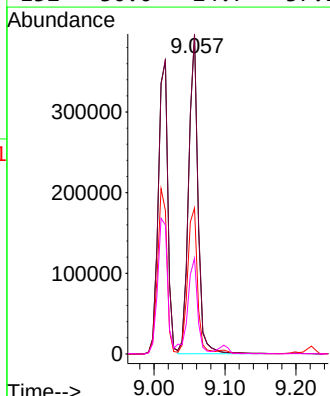
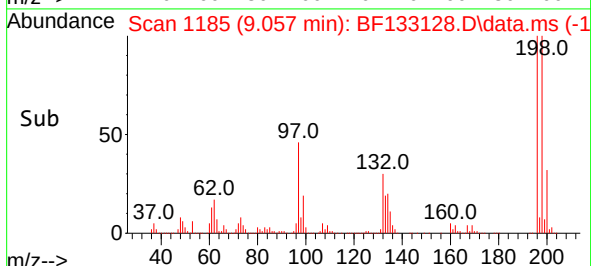
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

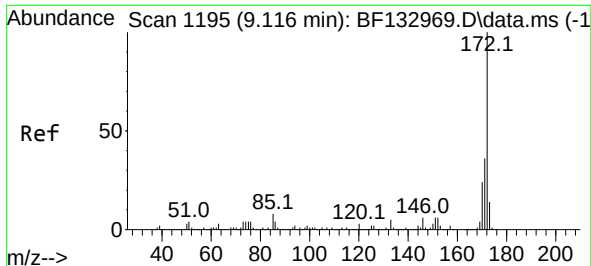


#44
2,4,5-Trichlorophenol
Concen: 45.588 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51



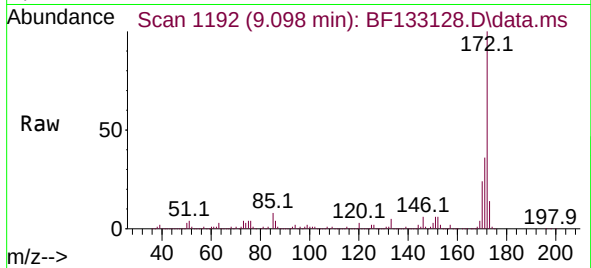
Tgt Ion:196 Resp: 361800
Ion Ratio Lower Upper
196 100
198 100.3 80.9 121.3
97 45.7 41.3 61.9
132 30.0 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 94.330 ng
RT: 9.098 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

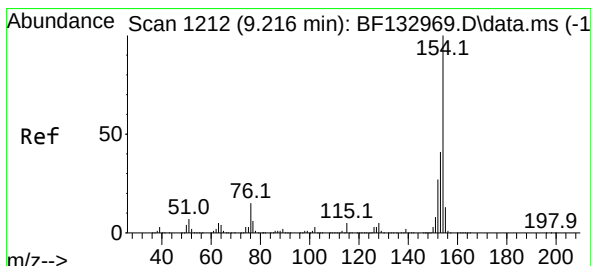
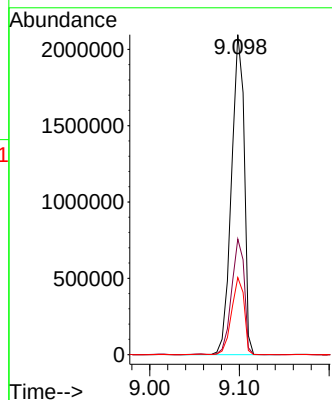
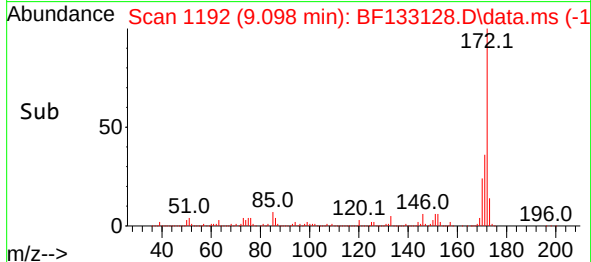
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



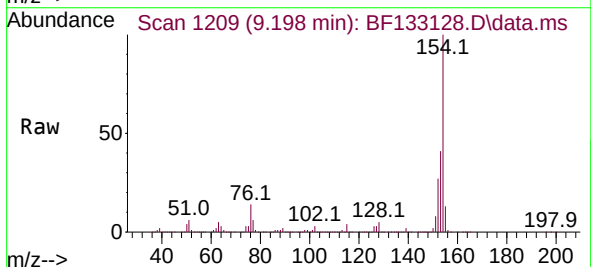
Tgt Ion:172 Resp: 2080831
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.1 19.4 29.2

Manual Integrations
APPROVED

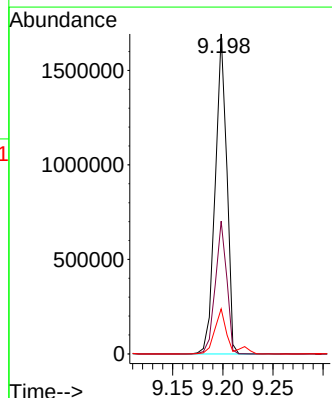
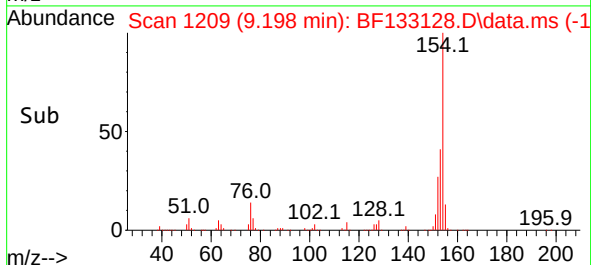
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

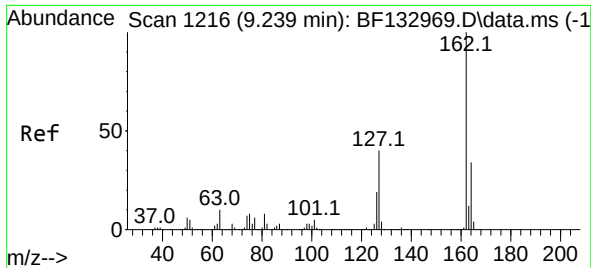


#46
1,1'-Biphenyl
Concen: 46.194 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51



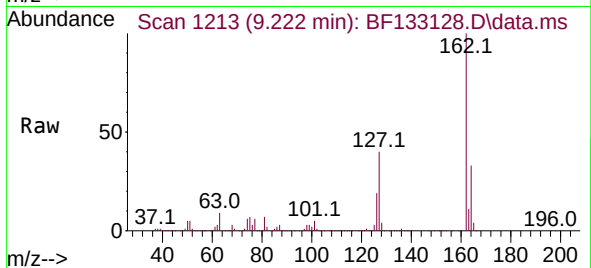
Tgt Ion:154 Resp: 1351816
Ion Ratio Lower Upper
154 100
153 41.5 21.0 61.0
76 14.1 0.0 34.5





#47
2-Chloronaphthalene
Concen: 48.128 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

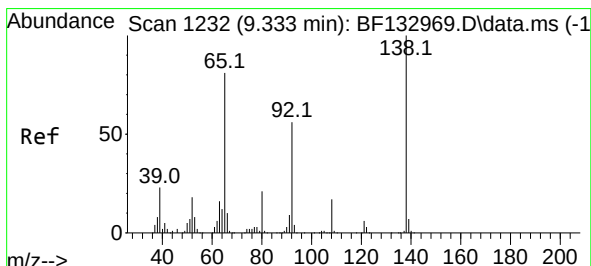
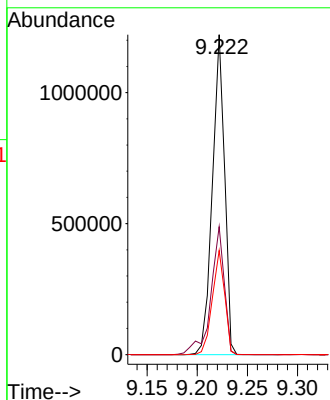
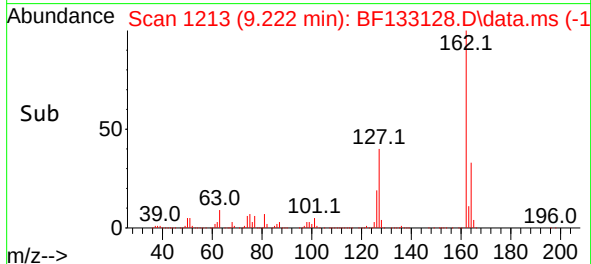
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



Tgt Ion:162 Resp: 1030855
Ion Ratio Lower Upper
162 100
127 40.0 32.3 48.5
164 32.5 26.8 40.2

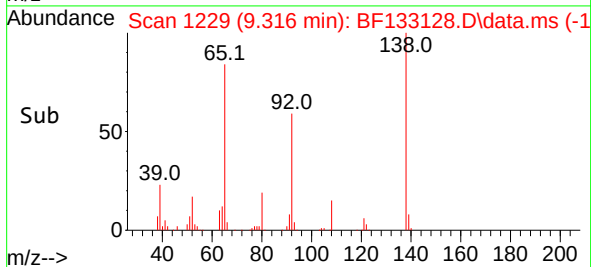
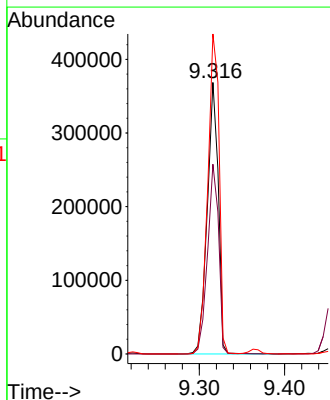
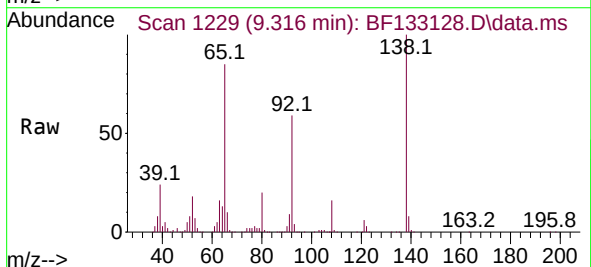
Manual Integrations
APPROVED

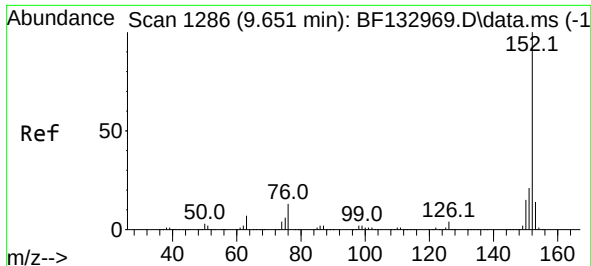
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#48
2-Nitroaniline
Concen: 46.806 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

Tgt Ion: 65 Resp: 331338
Ion Ratio Lower Upper
65 100
92 69.9 55.4 83.0
138 117.9 98.2 147.2





#49

Acenaphthylene

Concen: 46.864 ng

RT: 9.634 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF133128.D

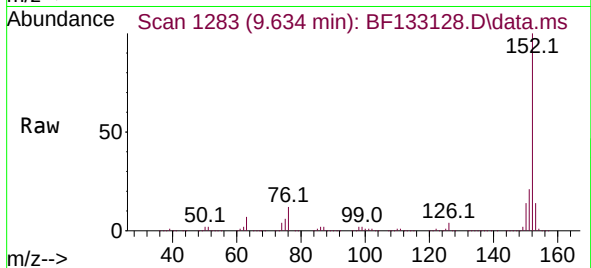
Acq: 28 Apr 2023 18:51

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-01MSD



Tgt Ion:152 Resp: 1603920

Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

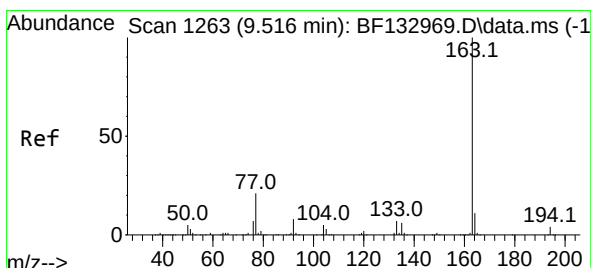
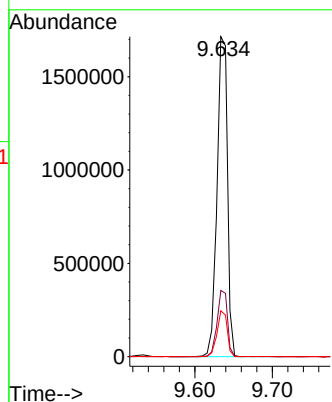
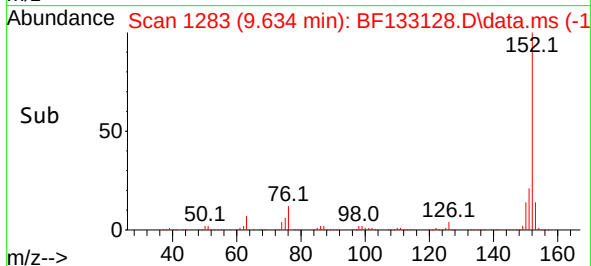
153 14.3 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/01/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#50

Dimethylphthalate

Concen: 47.202 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.006 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

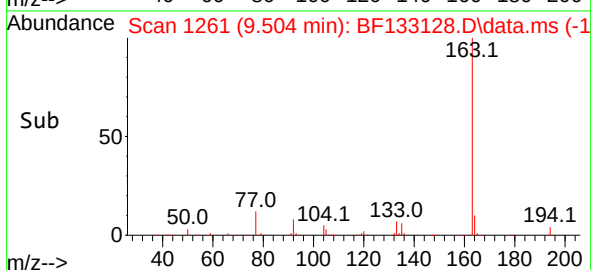
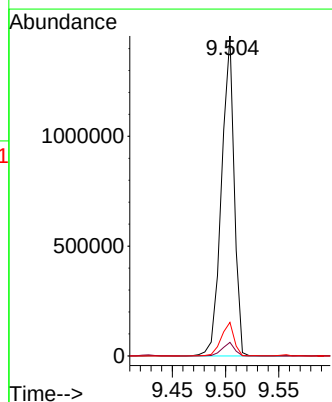
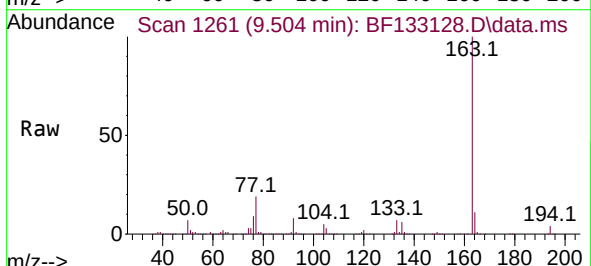
Tgt Ion:163 Resp: 1214648

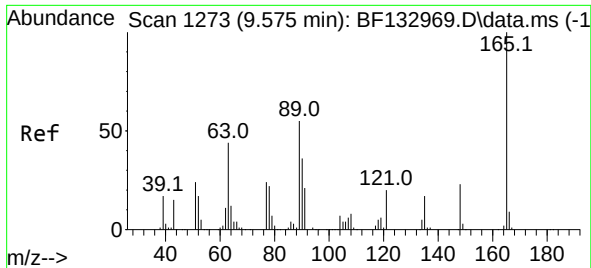
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.5 8.5 12.7





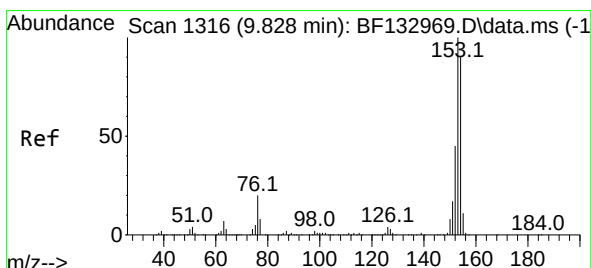
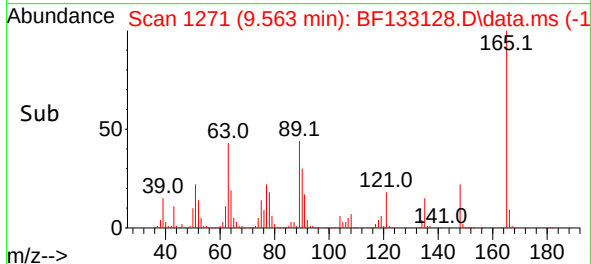
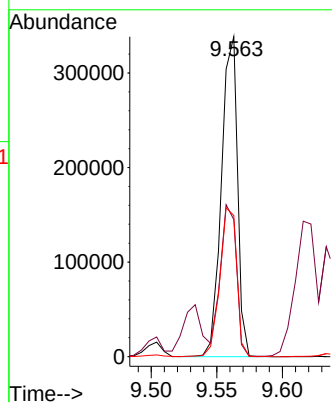
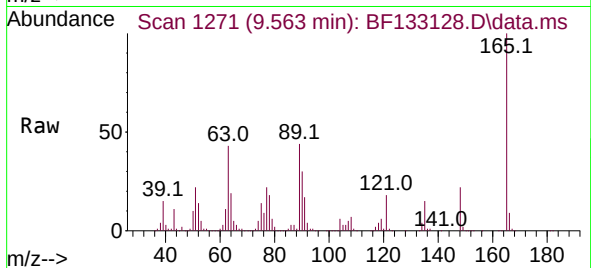
#51
2,6-Dinitrotoluene
Concen: 50.012 ng
RT: 9.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD

Tgt Ion:165 Resp: 289662
Ion Ratio Lower Upper
165 100
63 42.8 45.9 68.9
89 44.1 44.0 66.0

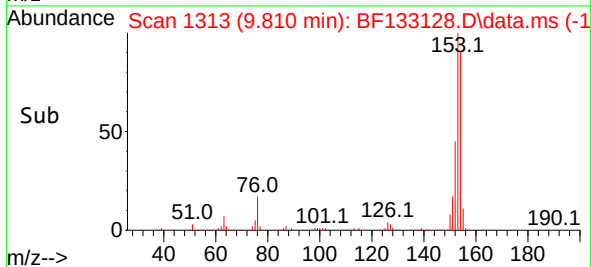
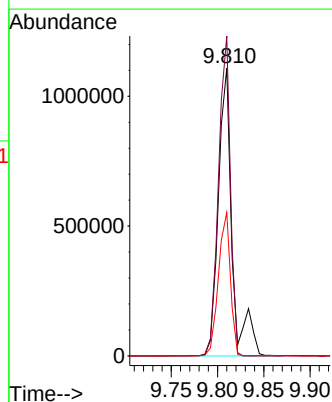
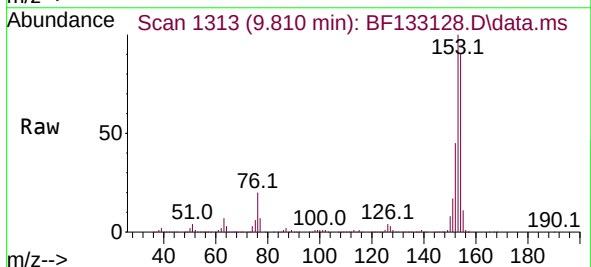
Manual Integrations
APPROVED

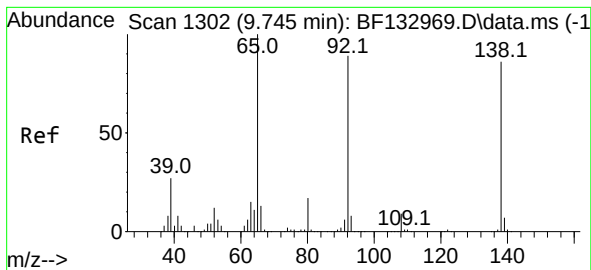
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#52
Acenaphthene
Concen: 49.991 ng m
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

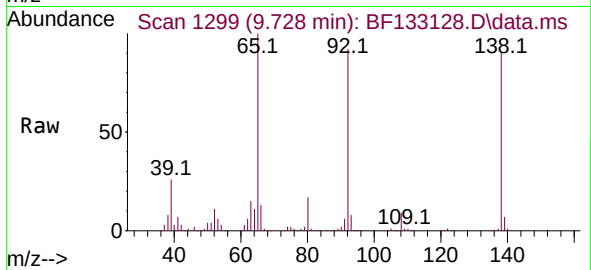
Tgt Ion:154 Resp: 1145892
Ion Ratio Lower Upper
154 100
153 111.2 89.0 133.6
152 49.8 40.4 60.6





#53
3-Nitroaniline
Concen: 28.569 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

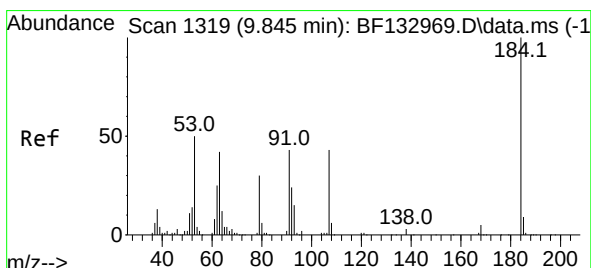
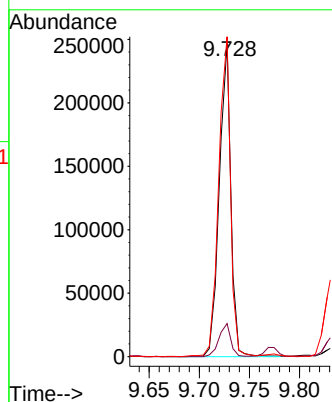
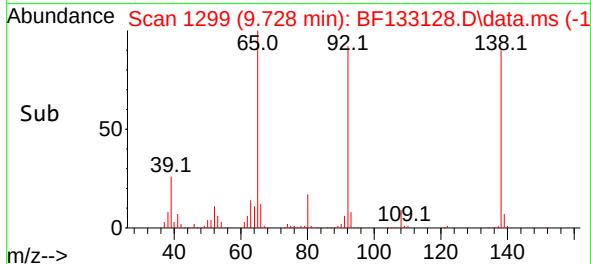
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



Tgt Ion:138 Resp: 196745
Ion Ratio Lower Upper
138 100
108 10.6 8.0 12.0
92 102.2 83.6 125.4

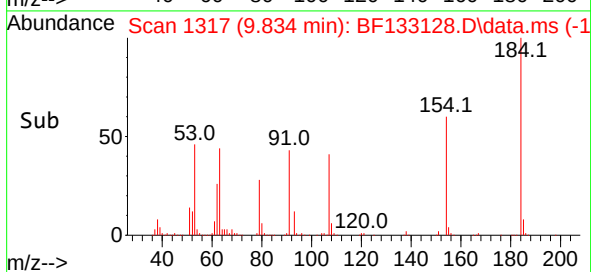
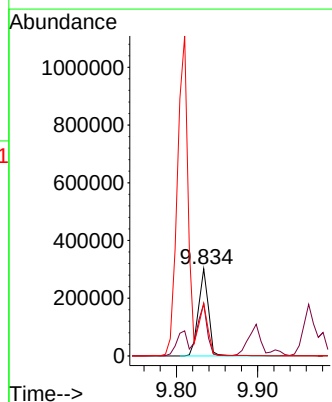
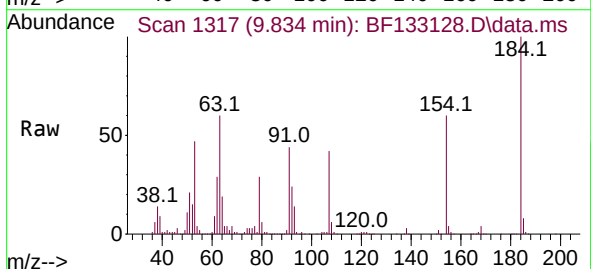
Manual Integrations
APPROVED

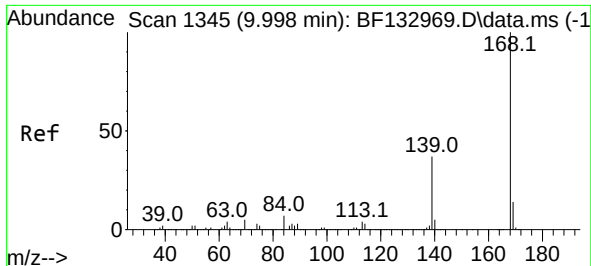
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#54
2,4-Dinitrophenol
Concen: 88.638 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

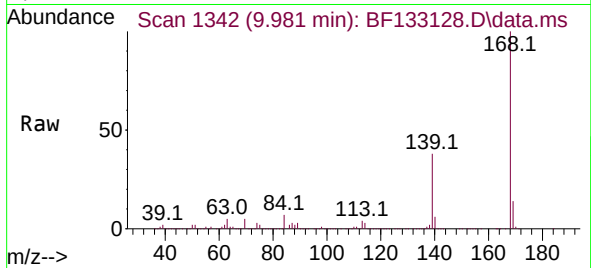
Tgt Ion:184 Resp: 258049
Ion Ratio Lower Upper
184 100
63 59.8 49.8 74.8
154 60.3 49.5 74.3





#55
Dibenzofuran
Concen: 45.839 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

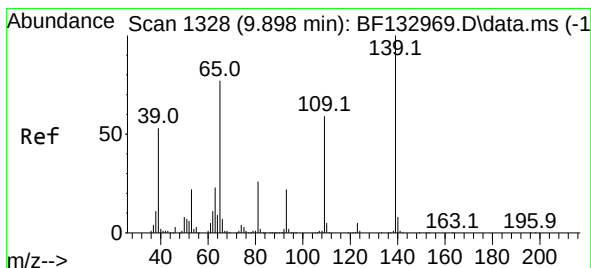
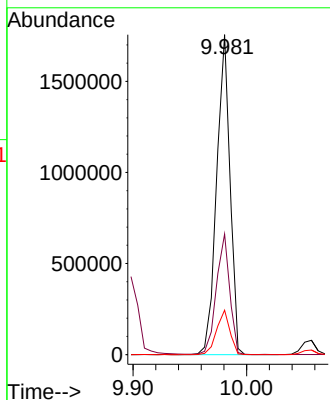
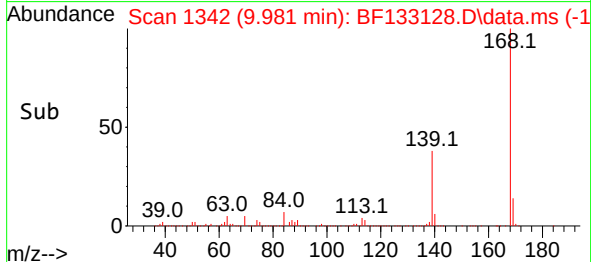
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



Tgt Ion:168 Resp: 1433289
Ion Ratio Lower Upper
168 100
139 37.7 29.8 44.8
169 13.9 10.8 16.2

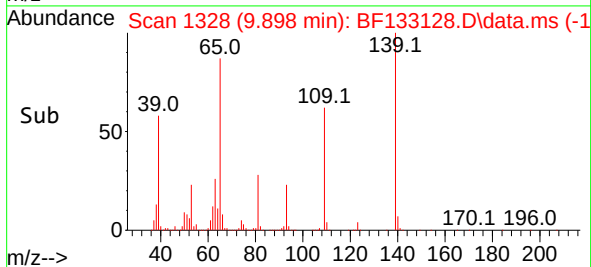
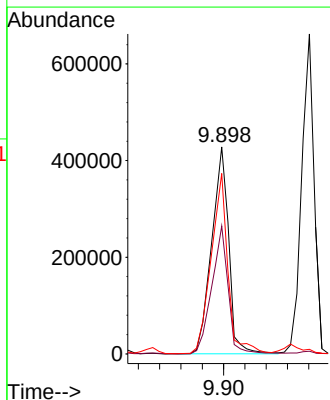
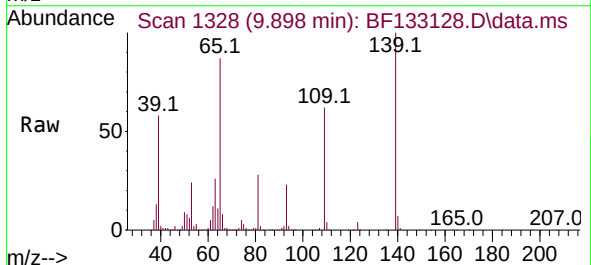
Manual Integrations
APPROVED

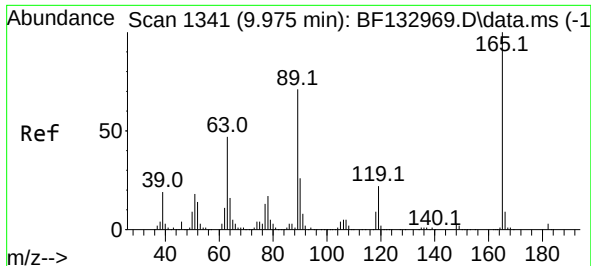
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#56
4-Nitrophenol
Concen: 88.997 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

Tgt Ion:139 Resp: 474694
Ion Ratio Lower Upper
139 100
109 61.8 39.4 79.4
65 87.2 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 51.417 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.000 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-01MSD

Tgt Ion:165 Resp: 379776

Ion Ratio Lower Upper

165 100

63 40.9 37.7 56.5

89 64.0 57.0 85.4

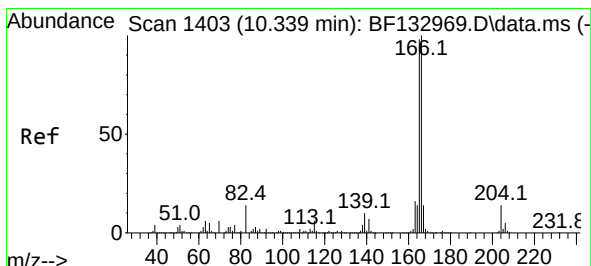
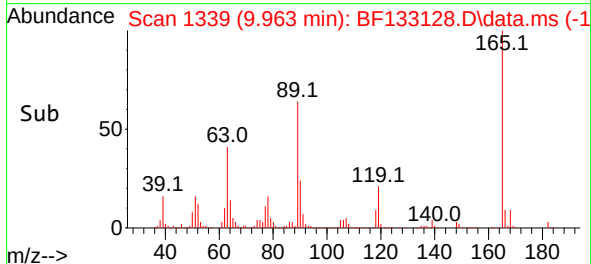
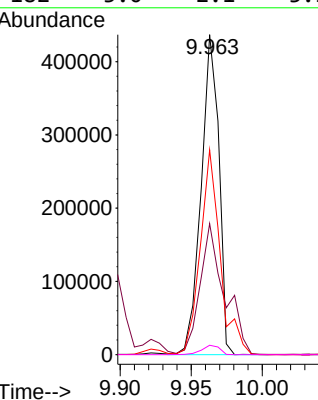
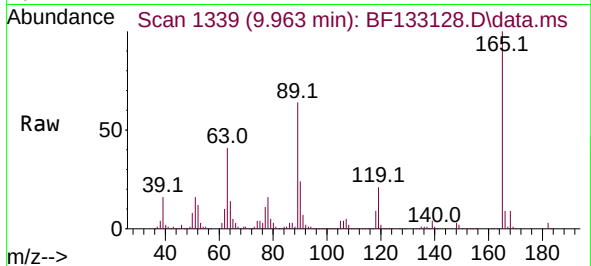
182 3.0 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/01/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#58

Fluorene

Concen: 46.560 ng

RT: 10.322 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

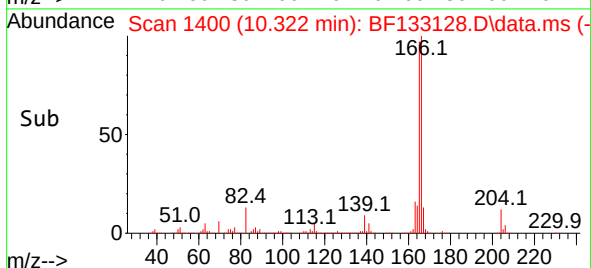
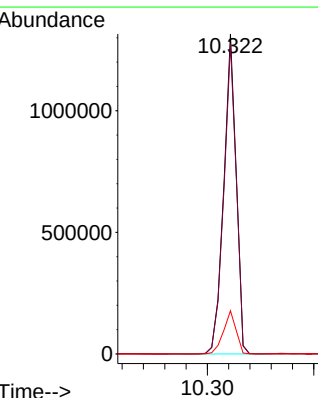
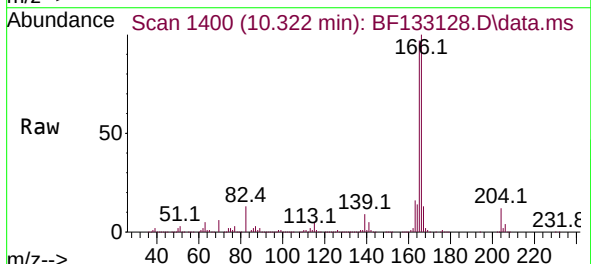
Tgt Ion:166 Resp: 1066600

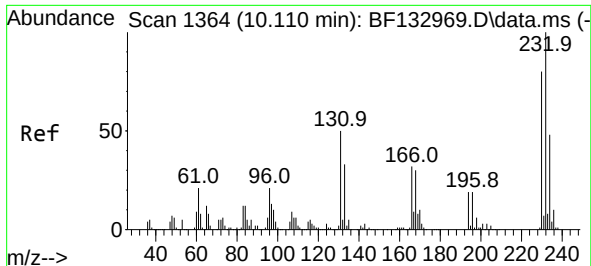
Ion Ratio Lower Upper

166 100

165 96.9 78.6 117.8

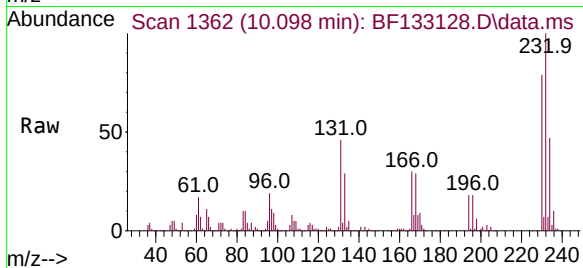
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.278 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

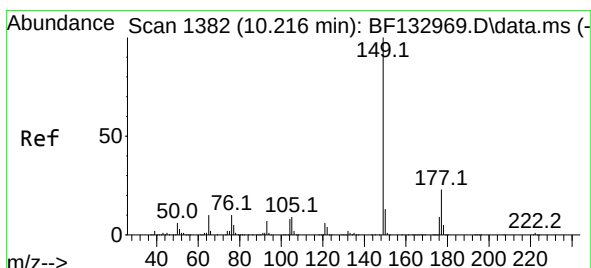
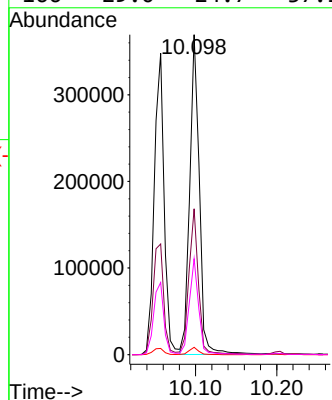
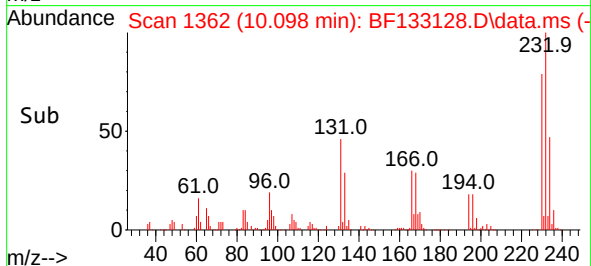
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



Tgt Ion:232 Resp: 303195
Ion Ratio Lower Upper
232 100
131 44.9 38.0 57.0
130 2.2 1.8 2.8
166 29.0 24.7 37.1

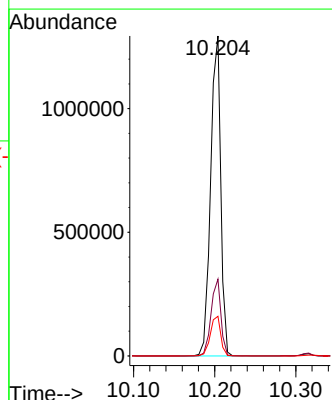
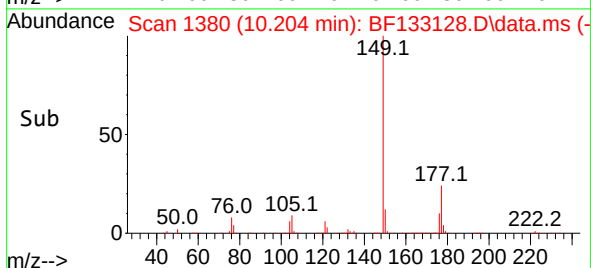
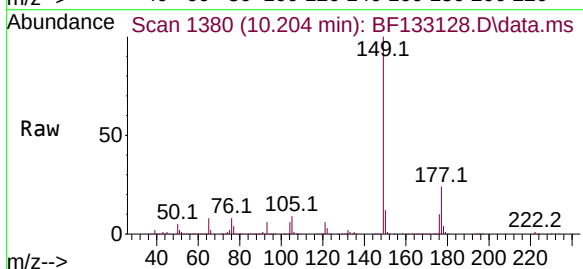
Manual Integrations
APPROVED

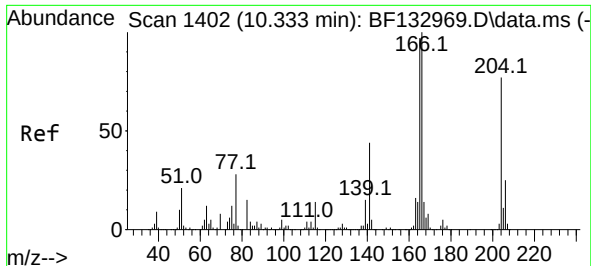
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#60
Diethylphthalate
Concen: 46.332 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

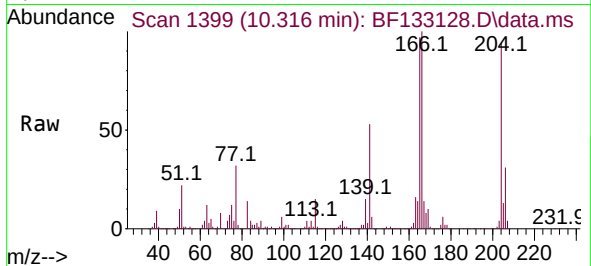
Tgt Ion:149 Resp: 1126154
Ion Ratio Lower Upper
149 100
177 24.0 18.2 27.4
150 12.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.213 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

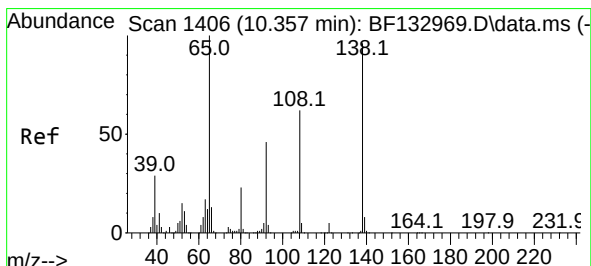
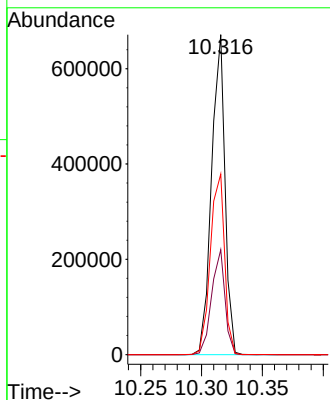
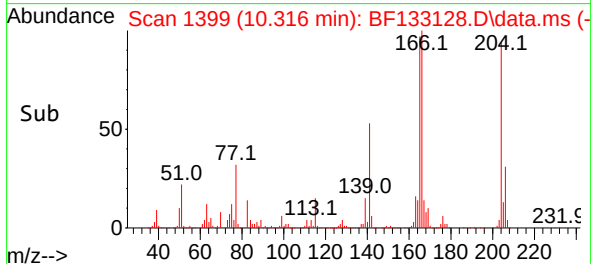
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



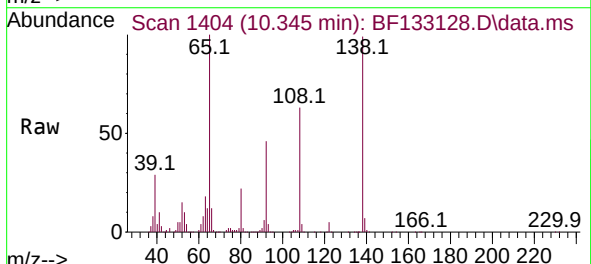
Tgt Ion:204 Resp: 515903
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 56.4 46.1 69.1

Manual Integrations
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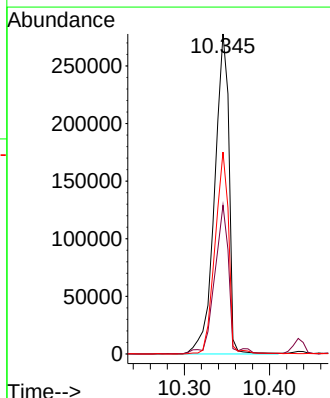
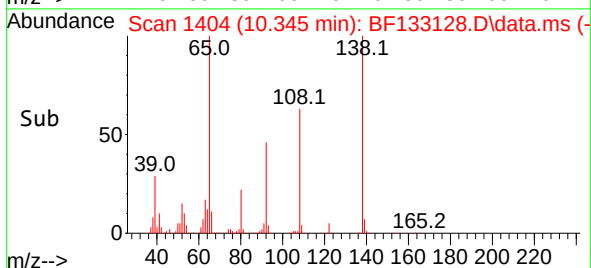
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

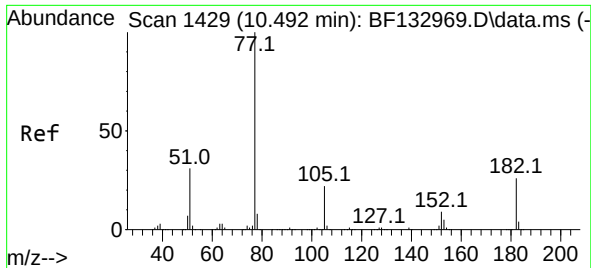


#62
4-Nitroaniline
Concen: 51.383 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51



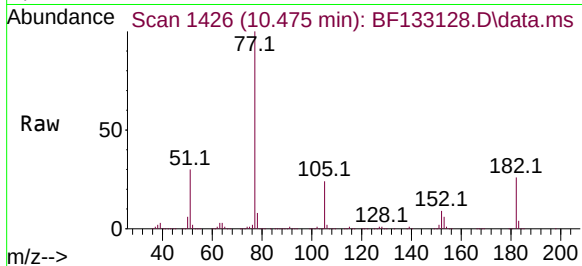
Tgt Ion:138 Resp: 325226
Ion Ratio Lower Upper
138 100
92 46.5 27.7 67.7
108 63.1 45.2 85.2





#63
Azobenzene
Concen: 43.236 ng
RT: 10.475 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

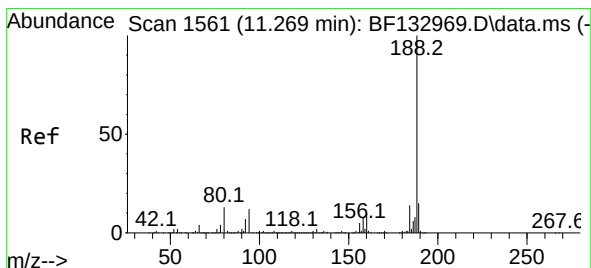
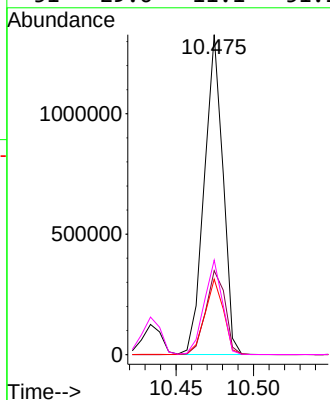
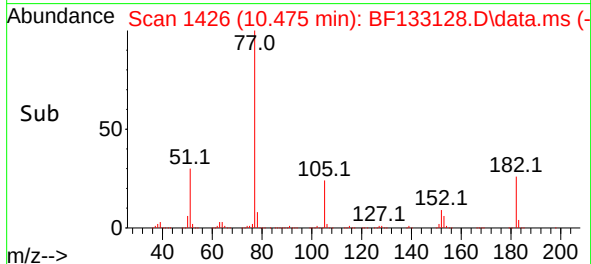
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



Tgt Ion: 77 Resp: 1113280
Ion Ratio Lower Upper
77 100
182 26.2 5.9 45.9
105 23.6 2.3 42.3
51 29.6 11.1 51.1

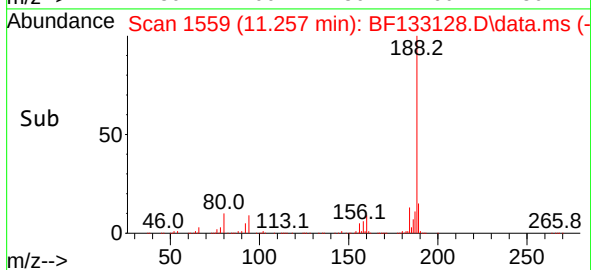
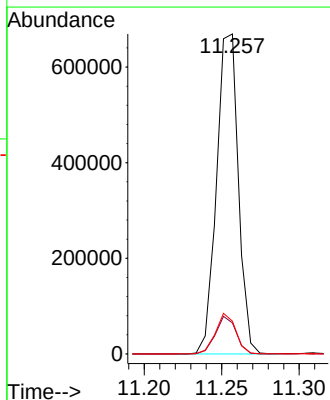
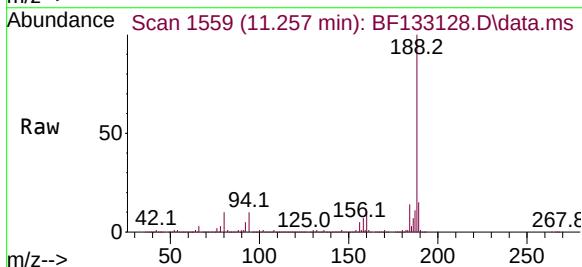
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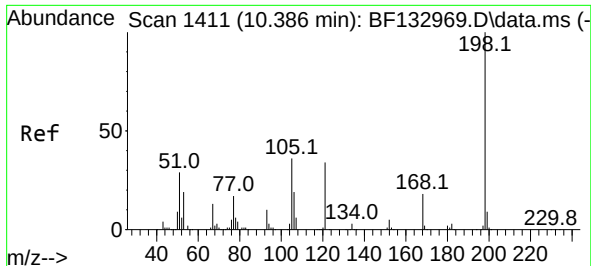
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.006 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

Tgt Ion:188 Resp: 659262
Ion Ratio Lower Upper
188 100
94 9.7 9.7 14.5#
80 10.3 10.4 15.6#





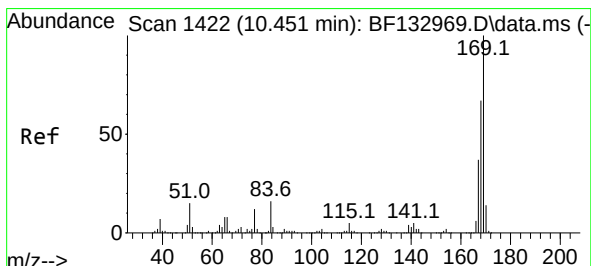
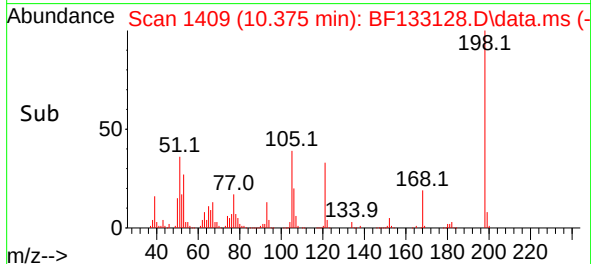
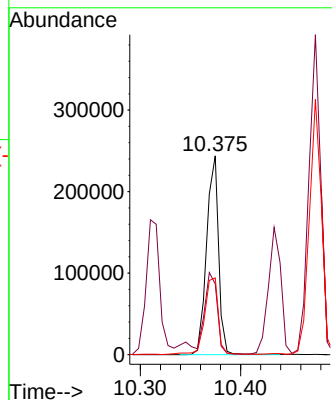
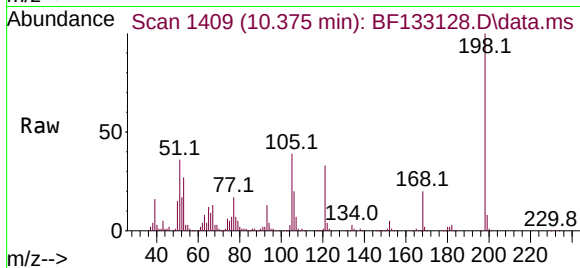
#65
4,6-Dinitro-2-methylphenol
Concen: 50.393 ng
RT: 10.375 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD

Tgt Ion:198 Resp: 201369
Ion Ratio Lower Upper
198 100
51 35.6 15.5 55.5
105 38.6 16.7 56.7

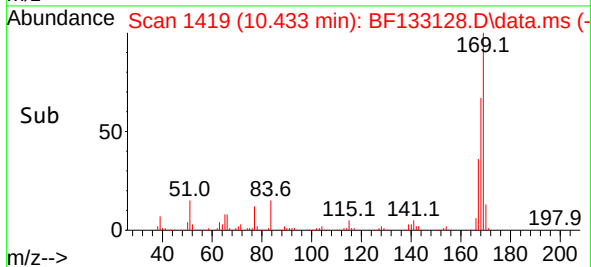
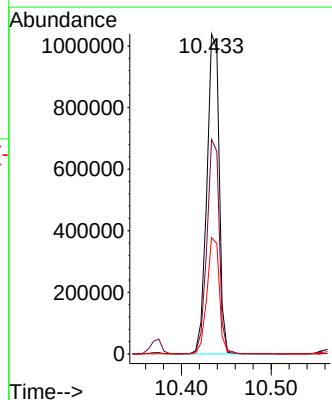
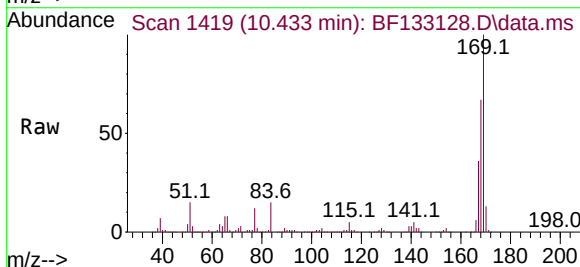
Manual Integrations
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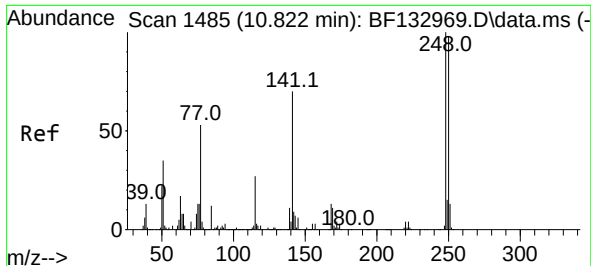
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#66
n-Nitrosodiphenylamine
Concen: 46.076 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

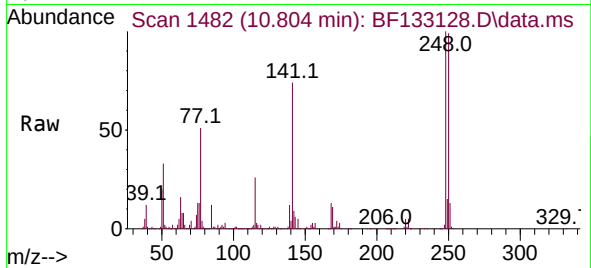
Tgt Ion:169 Resp: 985319
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.8
167 36.3 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 46.017 ng
RT: 10.804 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

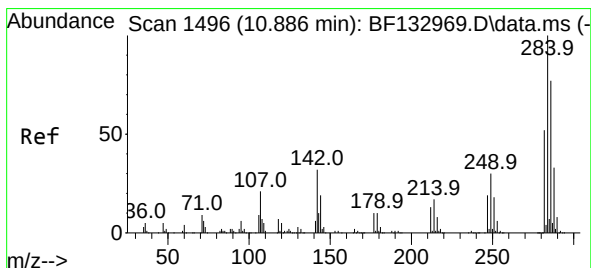
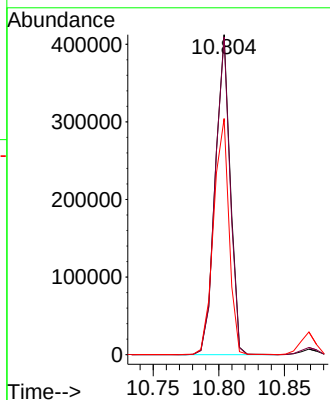
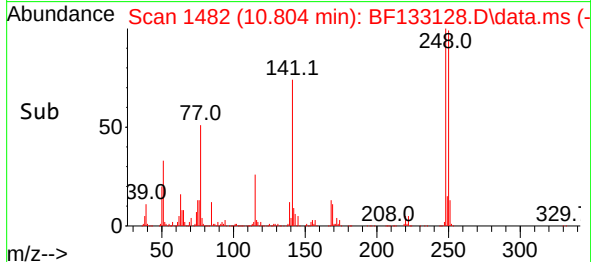
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



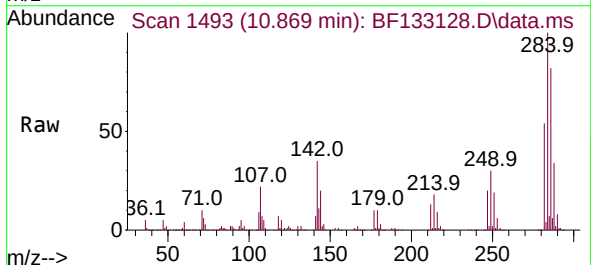
Tgt Ion:248 Resp: 329022
Ion Ratio Lower Upper
248 100
250 99.2 78.7 118.1
141 73.8 56.3 84.5

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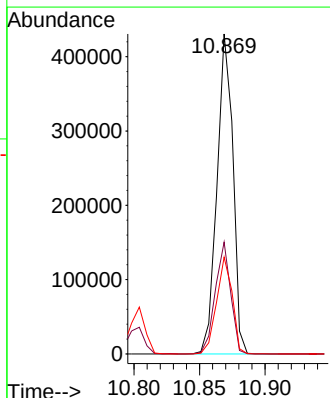
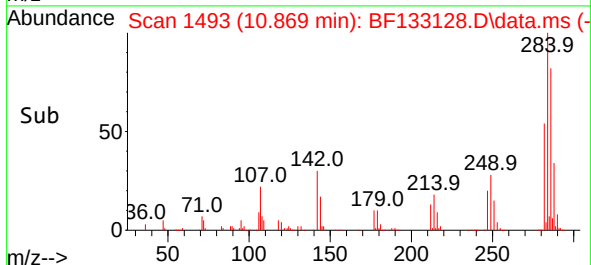
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

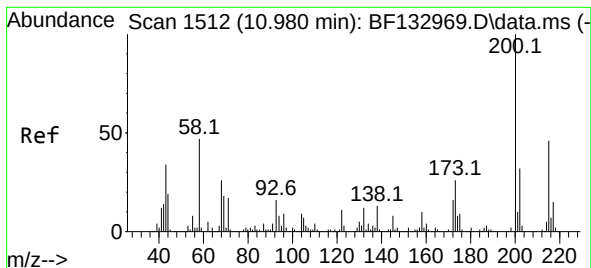


#68
Hexachlorobenzene
Concen: 49.704 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51



Tgt Ion:284 Resp: 364164
Ion Ratio Lower Upper
284 100
142 34.9 26.0 39.0
249 30.2 23.7 35.5





#69

Atrazine

Concen: 55.003 ng

RT: 10.963 min Scan# 1509

Delta R.T. 0.000 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

Instrument :

BNA_F

ClientSampleId :

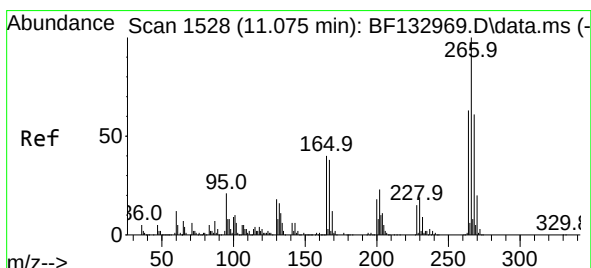
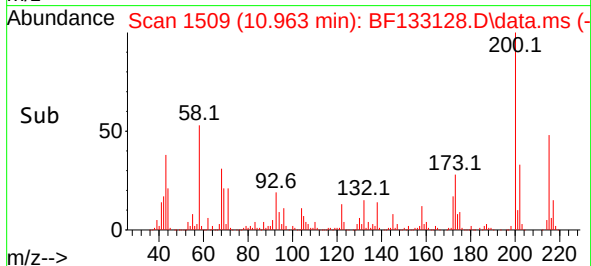
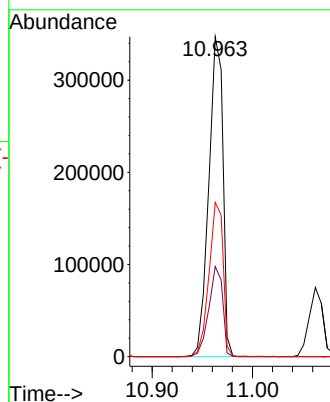
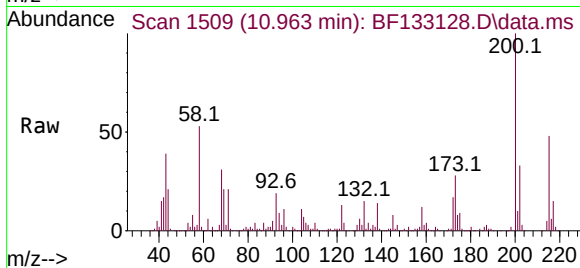
BU-511-COMP-01MSD

Tgt Ion:200 Resp: 338920
 Ion Ratio Lower Upper
 200 100
 173 28.1 6.2 46.2
 215 48.2 26.3 66.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023



#70

Pentachlorophenol

Concen: 83.730 ng

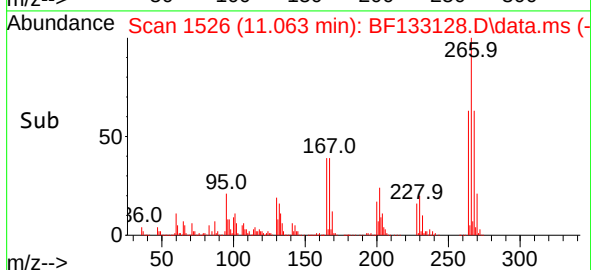
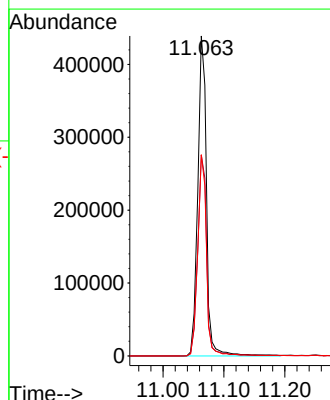
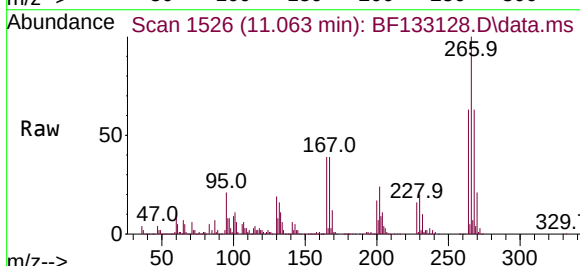
RT: 11.063 min Scan# 1526

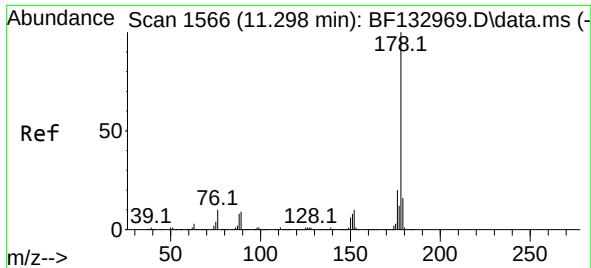
Delta R.T. 0.000 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

Tgt Ion:266 Resp: 436902
 Ion Ratio Lower Upper
 266 100
 268 62.8 48.8 73.2
 264 62.9 50.6 76.0





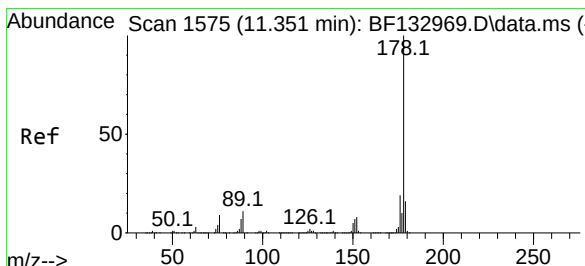
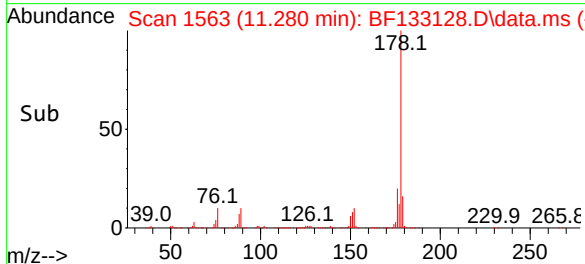
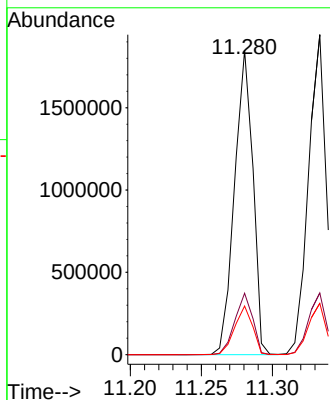
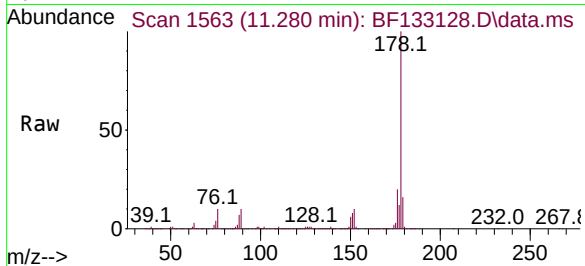
#71
Phenanthrene
Concen: 46.780 ng
RT: 11.280 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD

Tgt Ion:178 Resp: 1657574
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.0 12.5 18.7

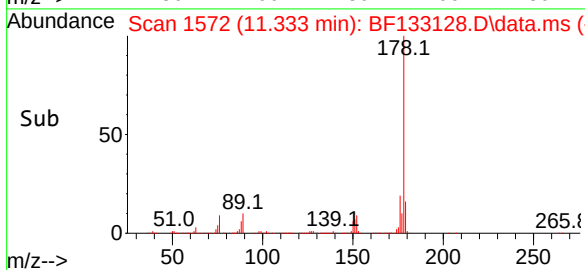
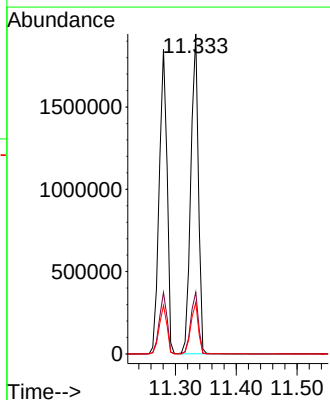
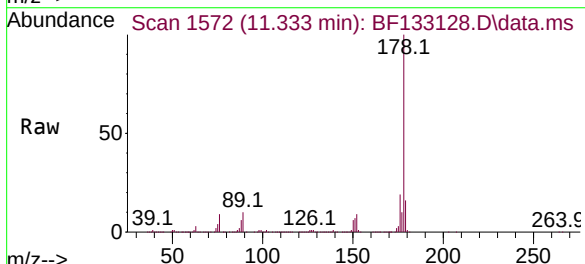
Manual Integrations
APPROVED

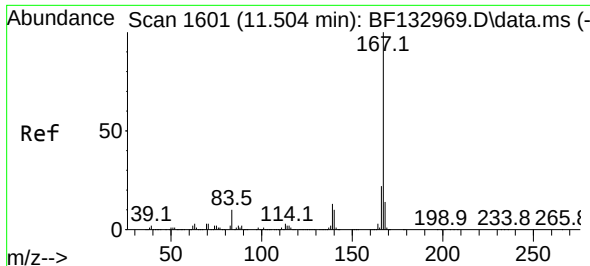
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#72
Anthracene
Concen: 46.344 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

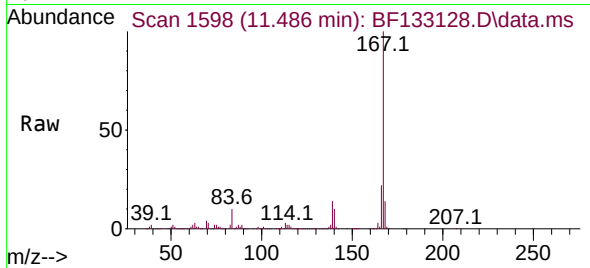
Tgt Ion:178 Resp: 1680530
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.0 12.4 18.6





#73
 Carbazole
 Concen: 47.957 ng
 RT: 11.486 min Scan# 1598
 Delta R.T. 0.000 min
 Lab File: BF133128.D
 Acq: 28 Apr 2023 18:51

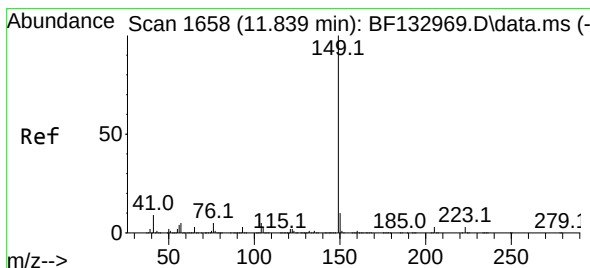
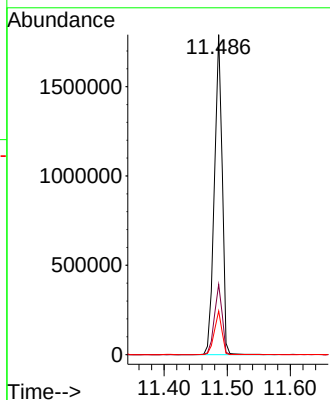
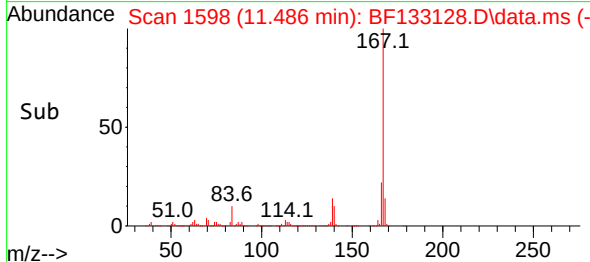
Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-01MSD



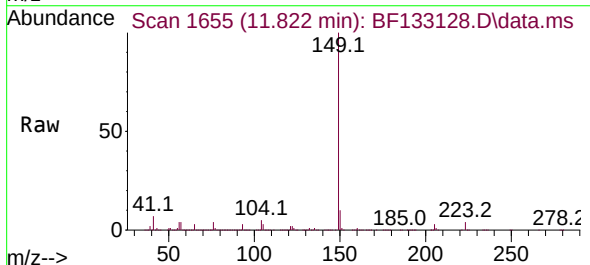
Tgt Ion:167 Resp: 1548493
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.6 10.6 16.0

Manual Integrations
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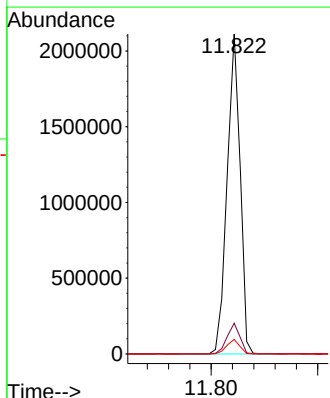
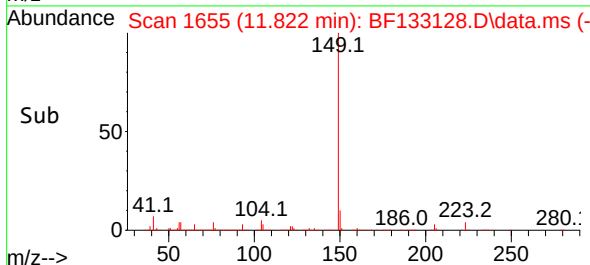
Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

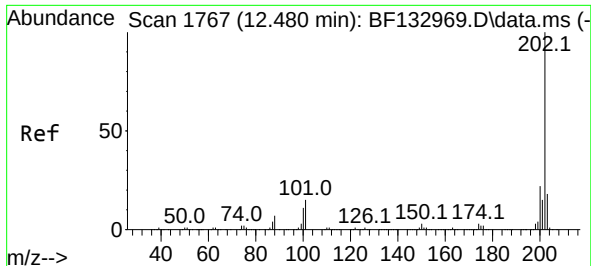


#74
 Di-n-butylphthalate
 Concen: 49.117 ng
 RT: 11.822 min Scan# 1655
 Delta R.T. 0.000 min
 Lab File: BF133128.D
 Acq: 28 Apr 2023 18:51



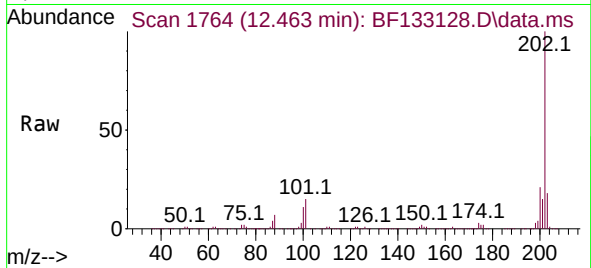
Tgt Ion:149 Resp: 1794730
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.5 4.0 6.0





#75
Fluoranthene
Concen: 48.213 ng
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

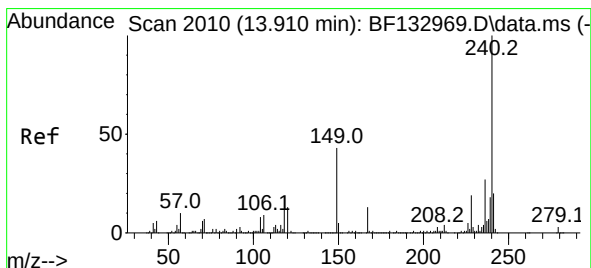
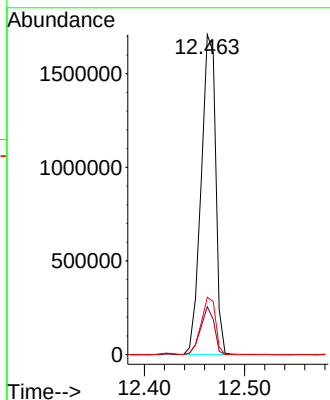
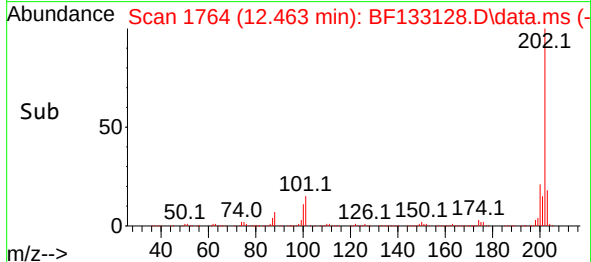
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



Tgt Ion:202 Resp: 1714514
Ion Ratio Lower Upper
202 100
101 15.0 0.0 35.3
203 17.9 0.0 38.1

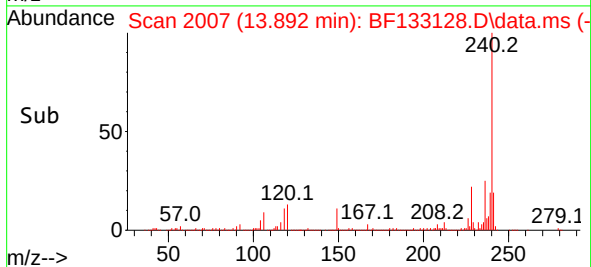
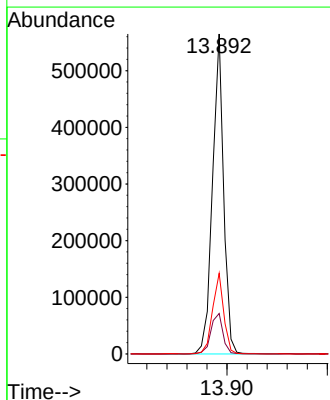
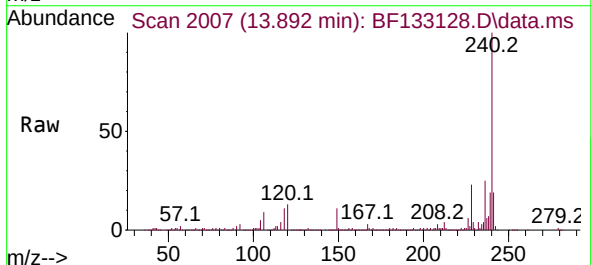
Manual Integrations
APPROVED

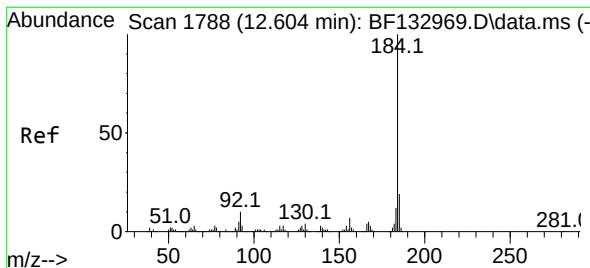
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

Tgt Ion:240 Resp: 433154
Ion Ratio Lower Upper
240 100
120 12.7 10.5 15.7
236 25.2 21.5 32.3





#77

Benzidine

Concen: 39.594 ng

RT: 12.586 min Scan# 1788

Delta R.T. 0.000 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-01MSD

Tgt Ion:184 Resp: 290018

Ion Ratio Lower Upper

184 100

185 14.0 15.4 23.2

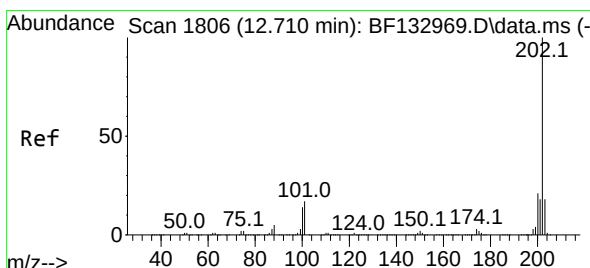
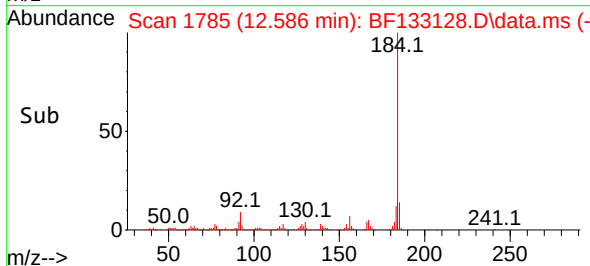
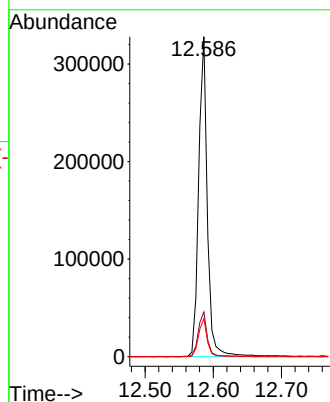
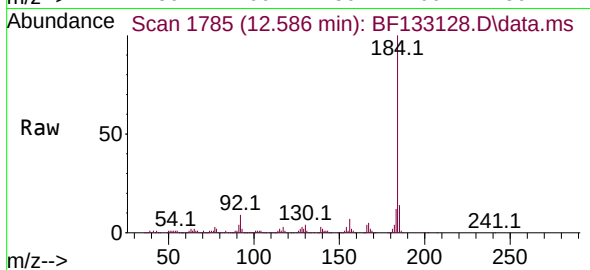
183 11.8 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/01/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#78

Pyrene

Concen: 47.299 ng

RT: 12.692 min Scan# 1803

Delta R.T. 0.000 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

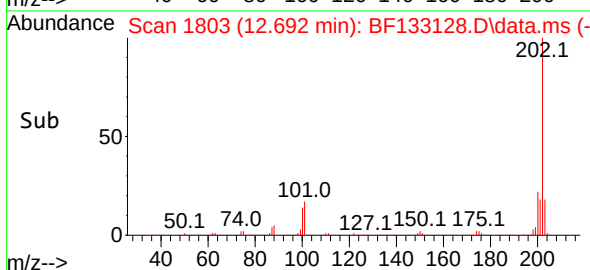
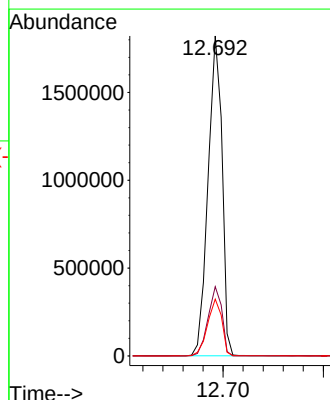
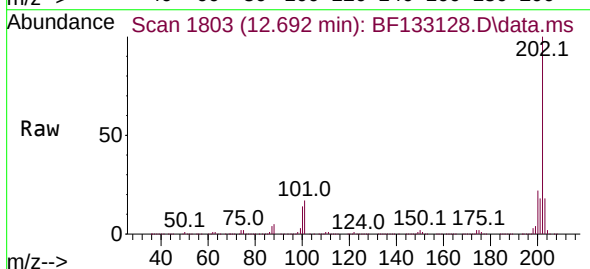
Tgt Ion:202 Resp: 1756285

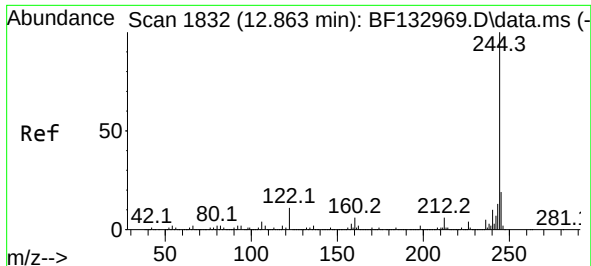
Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

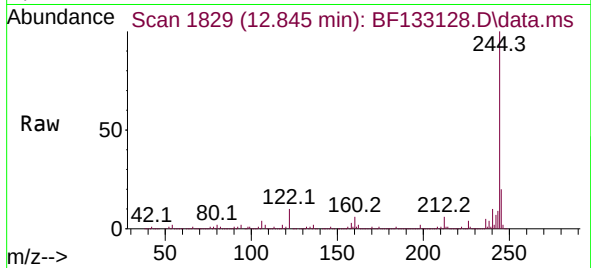
203 17.7 14.1 21.1





#79
 Terphenyl-d14
 Concen: 94.155 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. 0.006 min
 Lab File: BF133128.D
 Acq: 28 Apr 2023 18:51

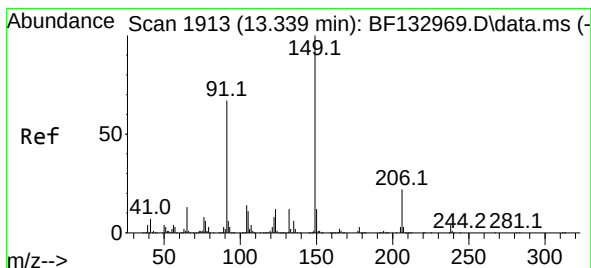
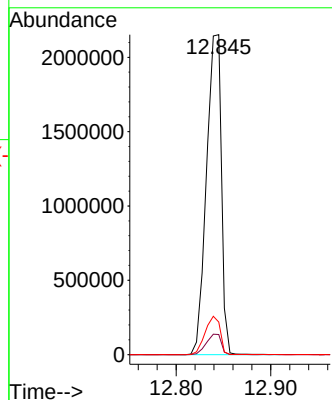
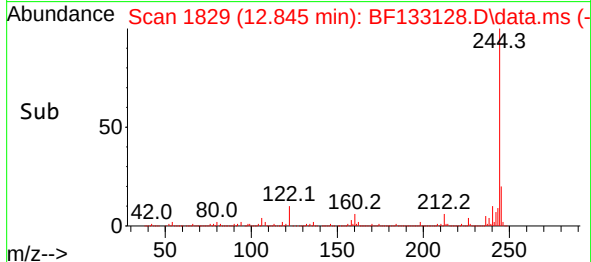
Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-01MSD



Tgt Ion:244 Resp: 2364725
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 10.2 8.6 13.0

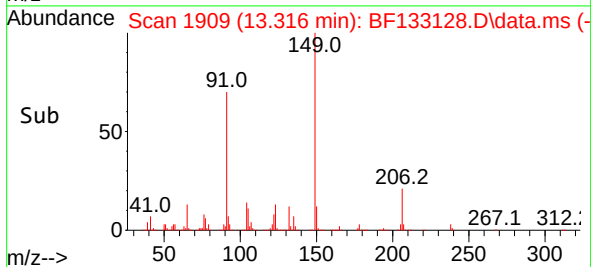
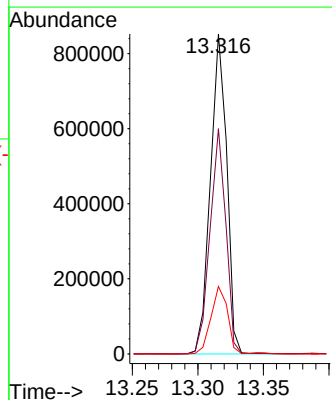
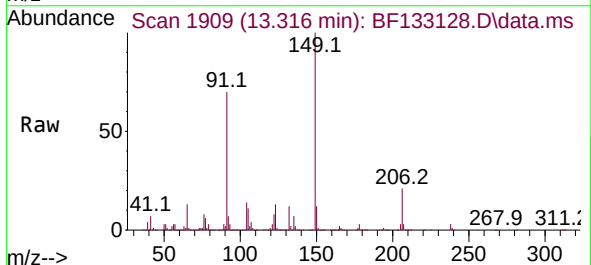
Manual Integrations
 APPROVED

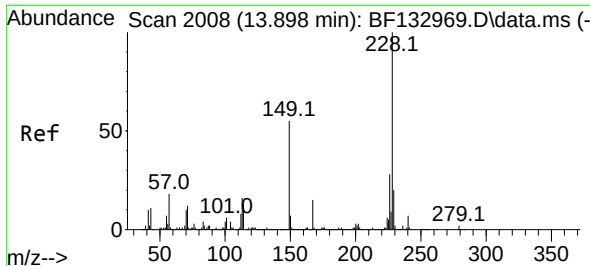
Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023



#80
 Butylbenzylphthalate
 Concen: 56.244 ng
 RT: 13.316 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: BF133128.D
 Acq: 28 Apr 2023 18:51

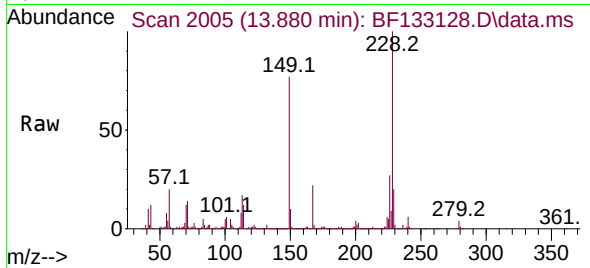
Tgt Ion:149 Resp: 739452
 Ion Ratio Lower Upper
 149 100
 91 70.4 53.8 80.6
 206 21.1 17.5 26.3





#81
Benzo(a)anthracene
Concen: 46.701 ng
RT: 13.880 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

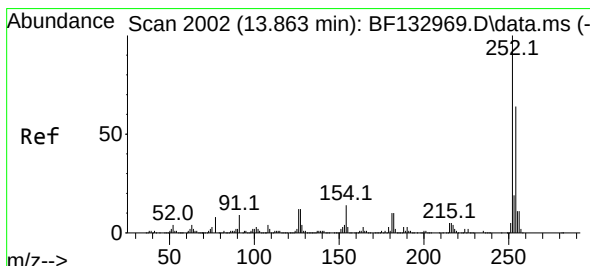
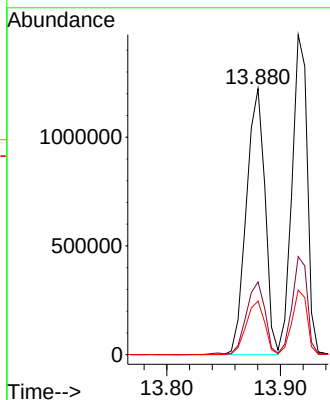
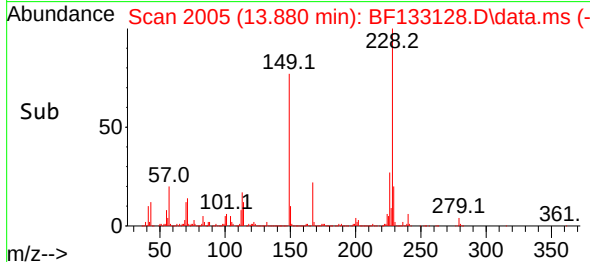
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



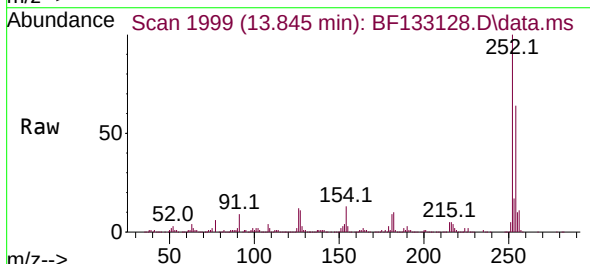
Tgt Ion:228 Resp: 1391074
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.4
229 20.1 16.0 24.0

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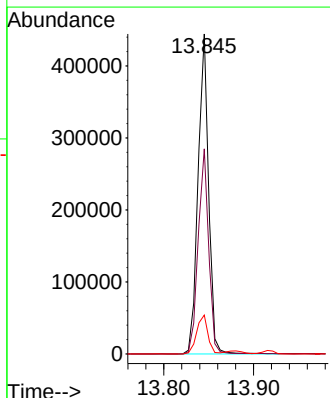
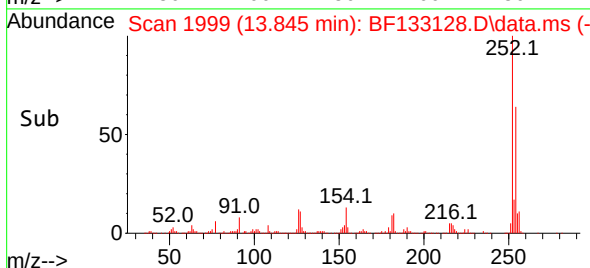
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

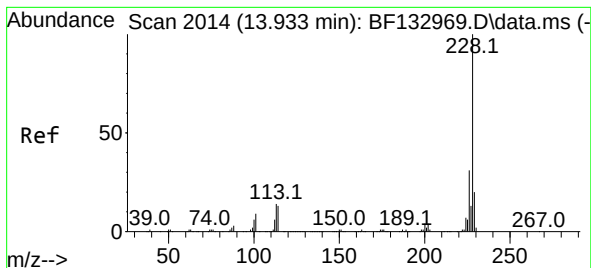


#82
3,3'-Dichlorobenzidine
Concen: 44.070 ng
RT: 13.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51



Tgt Ion:252 Resp: 362635
Ion Ratio Lower Upper
252 100
254 64.1 51.5 77.3
126 12.1 9.5 14.3





#83

Chrysene

Concen: 46.309 ng

RT: 13.916 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-01MSD

Tgt Ion:228 Resp: 1379045

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

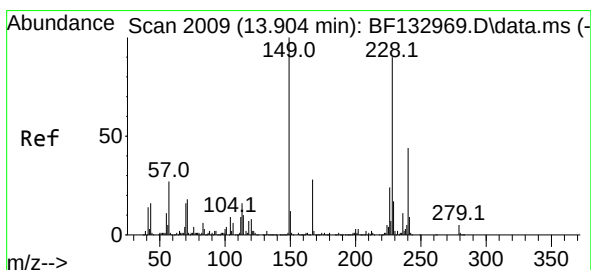
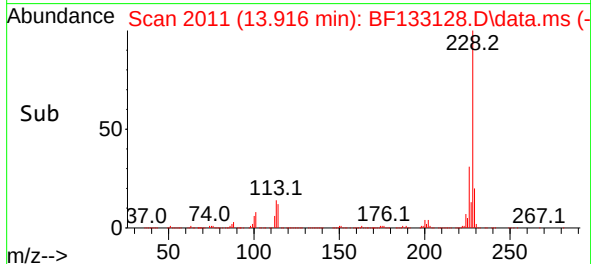
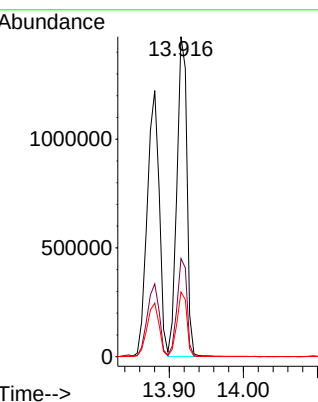
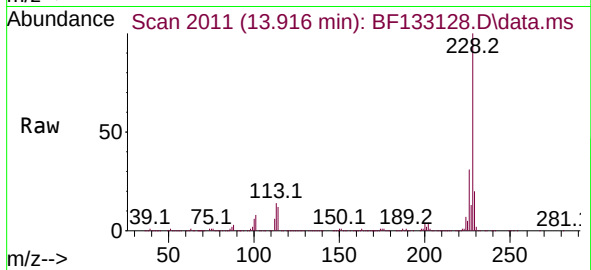
229 20.2 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/01/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.301 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

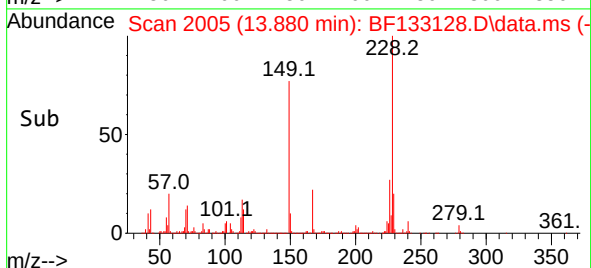
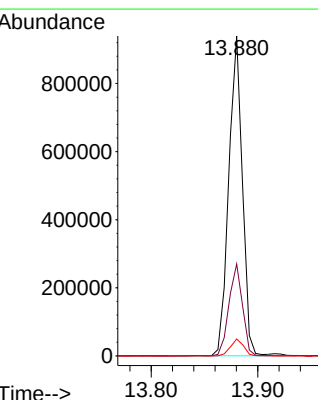
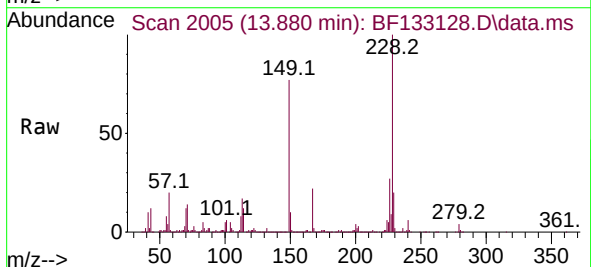
Tgt Ion:149 Resp: 830075

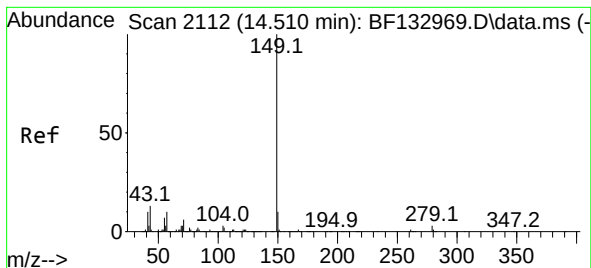
Ion Ratio Lower Upper

149 100

167 28.7 22.5 33.7

279 5.3 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 51.995 ng

RT: 14.492 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133128.D

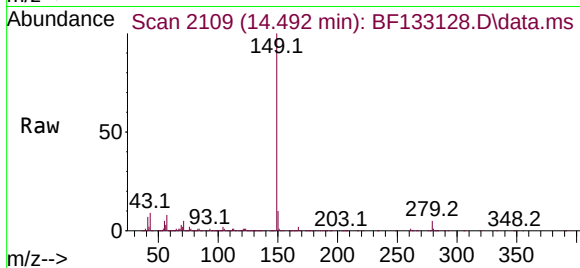
Acq: 28 Apr 2023 18:51

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-01MSD



Tgt Ion:149 Resp: 1399059

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

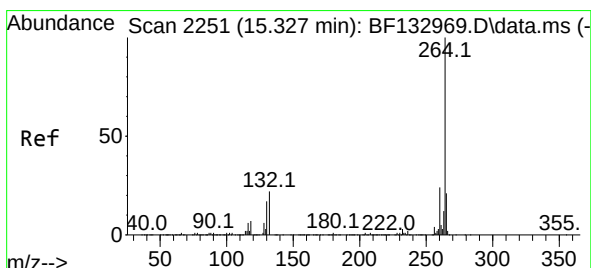
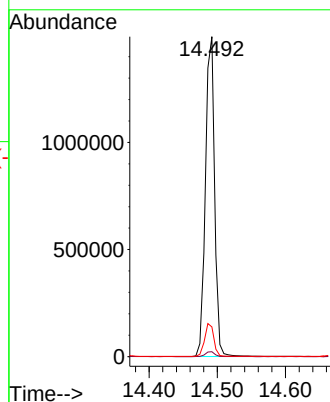
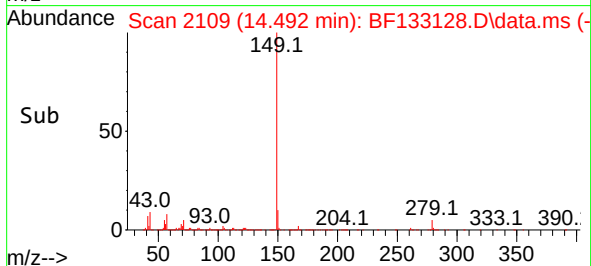
43 10.4 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/01/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. -0.006 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

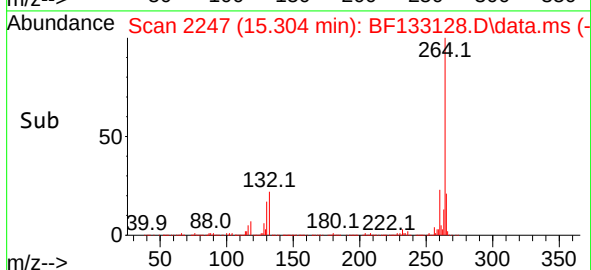
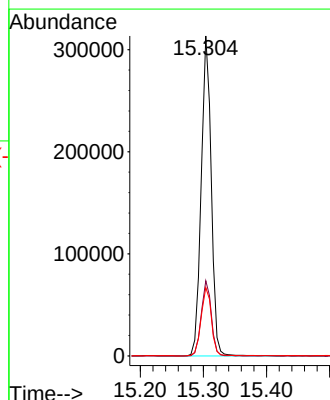
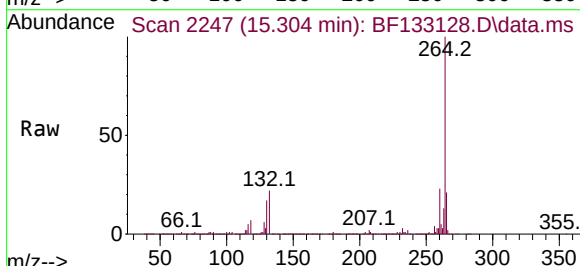
Tgt Ion:264 Resp: 346083

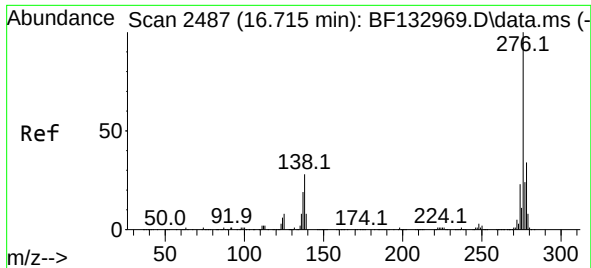
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

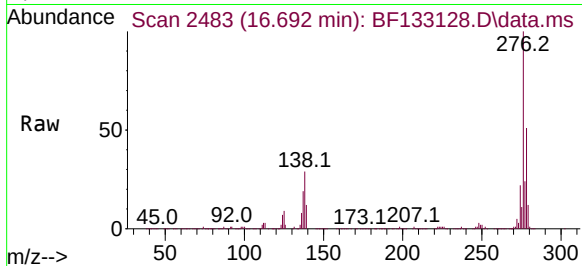
265 21.3 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 64.317 ng
RT: 16.692 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

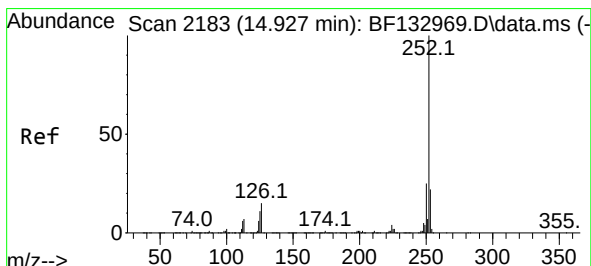
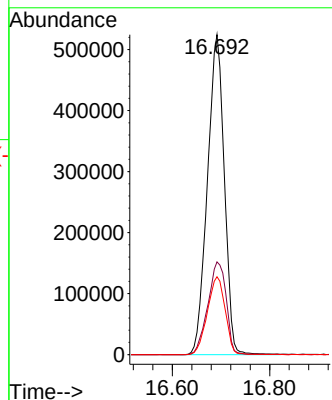
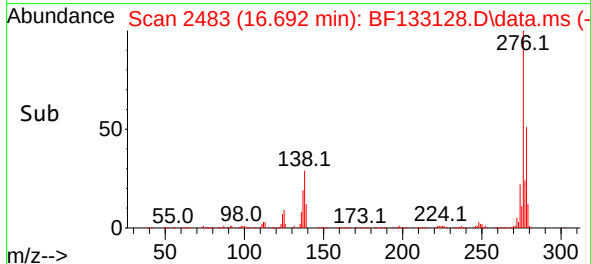
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



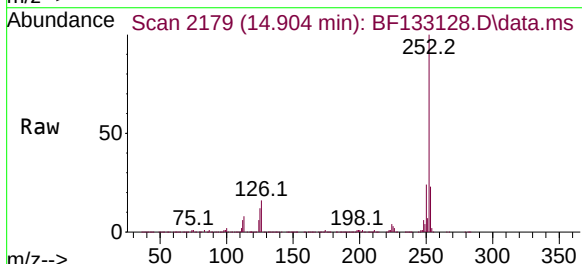
Tgt Ion:276 Resp: 1266139
Ion Ratio Lower Upper
276 100
138 31.4 25.5 38.3
277 25.7 20.4 30.6

Manual Integrations
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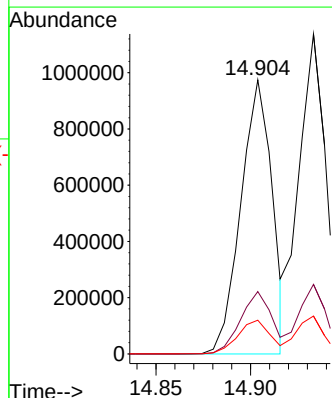
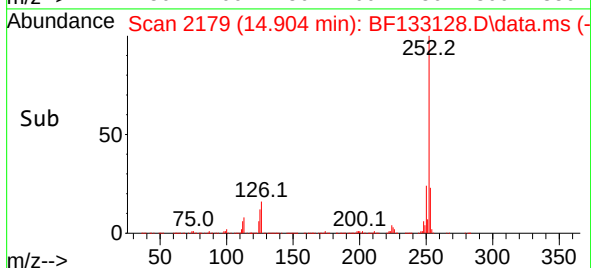
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

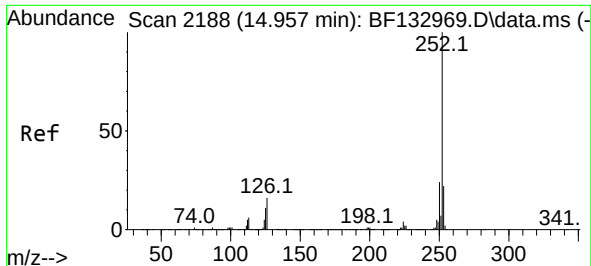


#88
Benzo(b)fluoranthene
Concen: 50.987 ng
RT: 14.904 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51



Tgt Ion:252 Resp: 1122596
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 12.3 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 51.028 ng

RT: 14.933 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-01MSD

Tgt Ion:252 Resp: 1113705

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

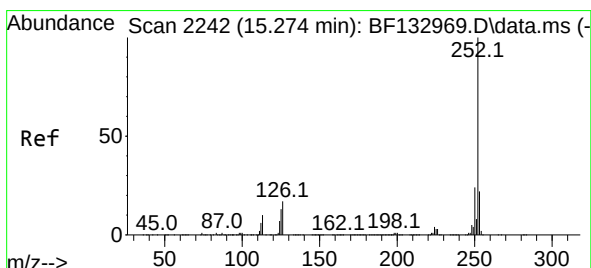
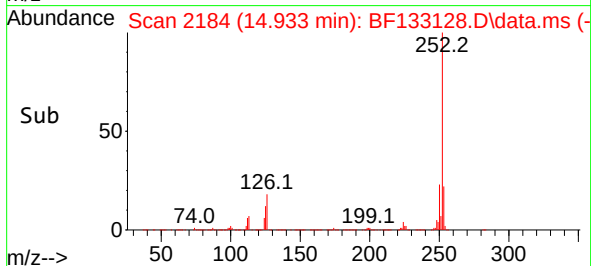
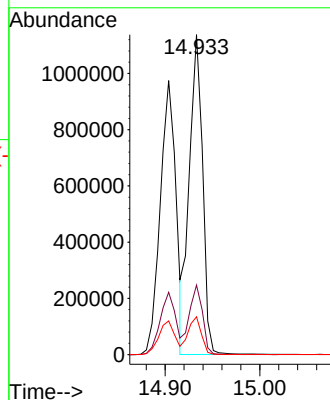
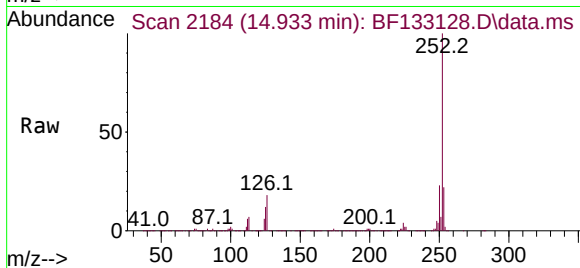
125 11.8 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/01/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#90

Benzo(a)pyrene

Concen: 46.660 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.000 min

Lab File: BF133128.D

Acq: 28 Apr 2023 18:51

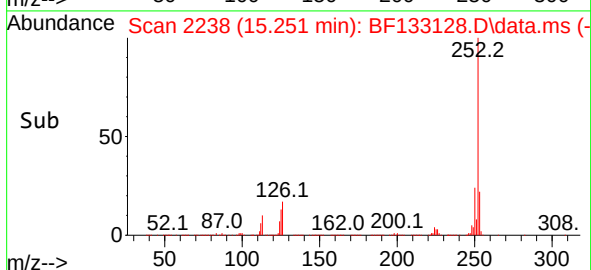
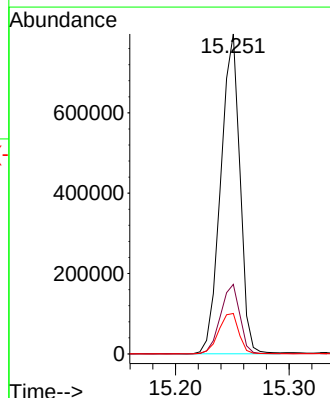
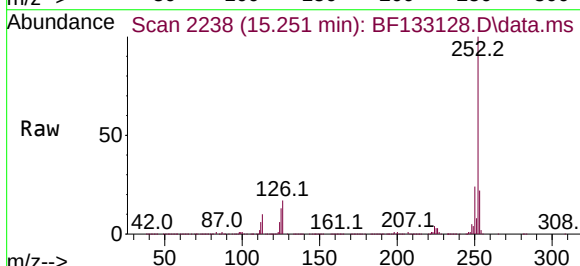
Tgt Ion:252 Resp: 935085

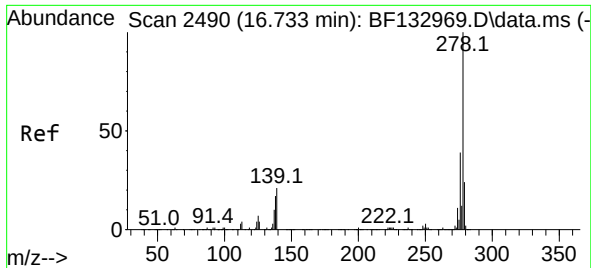
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

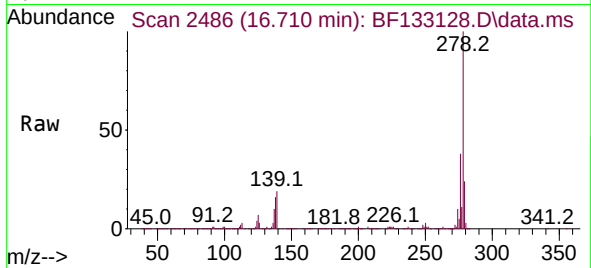
125 12.6 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 63.830 ng
RT: 16.710 min Scan# 2490
Delta R.T. 0.006 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

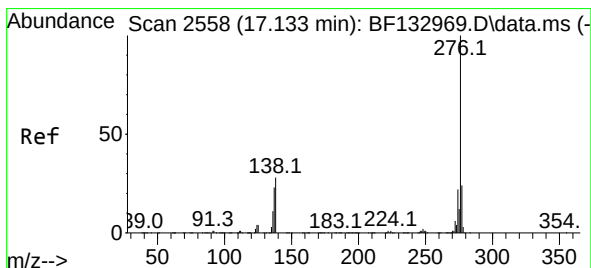
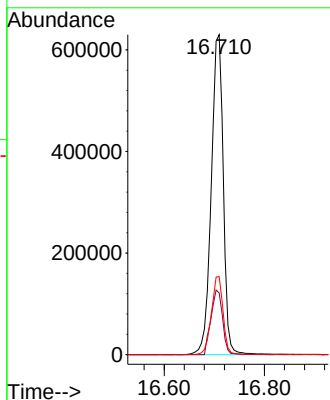
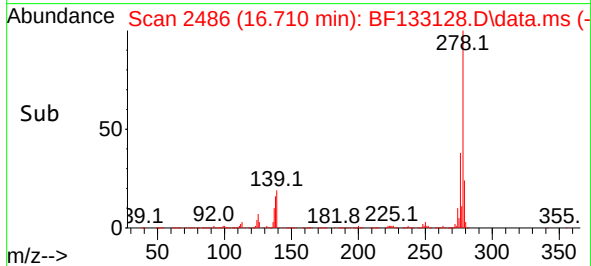
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01MSD



Tgt Ion:278 Resp: 1048018
Ion Ratio Lower Upper
278 100
139 19.3 16.6 24.8
279 24.4 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#92
Benzo(g,h,i)perylene
Concen: 67.568 ng
RT: 17.110 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF133128.D
Acq: 28 Apr 2023 18:51

Tgt Ion:276 Resp: 1095264
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.0
138 27.7 22.7 34.1

