

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133092.D
 Acq On : 27 Apr 2023 11:14
 Operator : CG\JU
 Sample : PB152384BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152384BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 02:04:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	210908	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	850691	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	443617	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	808689	20.000	ng	0.00
76) Chrysene-d12	13.898	240	565734	20.000	ng	0.00
86) Perylene-d12	15.316	264	518473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1435940	102.848	ng	0.02
7) Phenol-d6	6.387	99	1765195	101.861	ng	0.00
23) Nitrobenzene-d5	7.304	82	1066587	67.676	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	475202	106.514	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1873680	70.662	ng	0.00
79) Terphenyl-d14	12.845	244	2139665	65.229	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.499	88	257795	39.808	ng	96
3) Pyridine	3.193	79	633305	36.820	ng	96
4) n-Nitrosodimethylamine	3.152	42	333121	37.391	ng	94
6) Aniline	6.398	93	761321	34.110	ng	# 18
8) 2-Chlorophenol	6.528	128	622175	43.890	ng	96
9) Benzaldehyde	6.281	77	341589	44.378	ng	98
10) Phenol	6.398	94	772939	40.431	ng	# 72
11) bis(2-Chloroethyl)ether	6.475	93	596727	41.595	ng	99
12) 1,3-Dichlorobenzene	6.681	146	668649	44.365	ng	97
13) 1,4-Dichlorobenzene	6.757	146	672578	44.527	ng	98
14) 1,2-Dichlorobenzene	6.910	146	620801	44.580	ng	97
15) Benzyl Alcohol	6.887	79	498207	41.619	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	964395	38.704	ng	94
17) 2-Methylphenol	7.004	107	559252	43.084	ng	97
18) Hexachloroethane	7.251	117	231396	44.063	ng	99
19) n-Nitroso-di-n-propyla...	7.163	70	416793	38.633	ng	94
20) 3+4-Methylphenols	7.157	107	633513	41.442	ng	# 88
22) Acetophenone	7.151	105	861719	43.729	ng	# 97
24) Nitrobenzene	7.328	77	650856	40.754	ng	96
25) Isophorone	7.563	82	1210790	40.463	ng	99
26) 2-Nitrophenol	7.640	139	367090	47.656	ng	95
27) 2,4-Dimethylphenol	7.687	122	592832	44.883	ng	99
28) bis(2-Chloroethoxy)met...	7.781	93	716154	40.455	ng	100
29) 2,4-Dichlorophenol	7.887	162	528470	43.950	ng	99
30) 1,2,4-Trichlorobenzene	7.969	180	551372	44.262	ng	98
31) Naphthalene	8.045	128	1797835	42.270	ng	99
32) Benzoic acid	7.822	122	435460	53.373	ng	96
33) 4-Chloroaniline	8.092	127	361657	21.045	ng	99
34) Hexachlorobutadiene	8.163	225	295994	42.871	ng	100
35) Caprolactam	8.475	113	194355m	48.115	ng	
36) 4-Chloro-3-methylphenol	8.581	107	578194	44.591	ng	98
37) 2-Methylnaphthalene	8.739	142	1184084	40.721	ng	98
38) 1-Methylnaphthalene	8.834	142	1176244	43.241	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	496064	41.590	ng	100
41) Hexachlorocyclopentadiene	8.892	237	672270	96.643	ng	99
43) 2,4,6-Trichlorophenol	9.016	196	352429	42.725	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	390781	40.963	ng	99
46) 1,1'-Biphenyl	9.204	154	1470476	41.802	ng	98
47) 2-Chloronaphthalene	9.222	162	1104337	42.892	ng	99
48) 2-Nitroaniline	9.322	65	347691	40.860	ng	95
49) Acenaphthylene	9.639	152	1708354	41.525	ng	100
50) Dimethylphthalate	9.504	163	1281480	41.428	ng	99
51) 2,6-Dinitrotoluene	9.563	165	308715	44.342	ng	93
52) Acenaphthene	9.810	154	1264266m	45.884	ng	
53) 3-Nitroaniline	9.734	138	252155	30.460	ng	94
54) 2,4-Dinitrophenol	9.839	184	370370	105.835	ng	97
55) Dibenzofuran	9.986	168	1534243	40.820	ng	98
56) 4-Nitrophenol	9.904	139	579557	90.393	ng	95
57) 2,4-Dinitrotoluene	9.969	165	405280	45.647	ng	90
58) Fluorene	10.328	166	1140967	41.434	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.104	232	323672	43.764	ng	98
60) Diethylphthalate	10.204	149	1197139	40.973	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	550744	41.041	ng	96
62) 4-Nitroaniline	10.351	138	354721	46.622	ng	95
63) Azobenzene	10.481	77	1205997	38.964	ng	95
65) 4,6-Dinitro-2-methylph...	10.375	198	241897	49.350	ng	84
66) n-Nitrosodiphenylamine	10.439	169	1059065	40.373	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	355948	40.584	ng	96
68) Hexachlorobenzene	10.875	284	396834	44.155	ng	98
69) Atrazine	10.969	200	348260	46.075	ng	97
70) Pentachlorophenol	11.069	266	492840	76.998	ng	98
71) Phenanthrene	11.286	178	1768693	40.693	ng	100
72) Anthracene	11.339	178	1818665	40.886	ng	100
73) Carbazole	11.492	167	1665681	42.055	ng	99
74) Di-n-butylphthalate	11.828	149	1884611	42.046	ng	99
75) Fluoranthene	12.469	202	1860656	42.654	ng	98
77) Benzidine	12.592	184	1028369	107.493	ng	# 93
78) Pyrene	12.698	202	1913657	39.460	ng	99
80) Butylbenzylphthalate	13.322	149	814856	47.454	ng	100
81) Benzo(a)anthracene	13.886	228	1567028	40.280	ng	99
82) 3,3'-Dichlorobenzidine	13.851	252	371851	34.600	ng	97
83) Chrysene	13.922	228	1573810	40.464	ng	100
84) Bis(2-ethylhexyl)phtha...	13.886	149	923213	42.834	ng	98
85) Di-n-octyl phthalate	14.492	149	1727080	49.143	ng	96
87) Indeno(1,2,3-cd)pyrene	16.698	276	1357661	46.035	ng	100
88) Benzo(b)fluoranthene	14.910	252	1561245	47.332	ng	98
89) Benzo(k)fluoranthene	14.939	252	1299101	39.731	ng	99
90) Benzo(a)pyrene	15.257	252	1212286	40.379	ng	99
91) Dibenzo(a,h)anthracene	16.715	278	1108569	45.068	ng	99
92) Benzo(g,h,i)perylene	17.115	276	1137014	46.821	ng	99

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

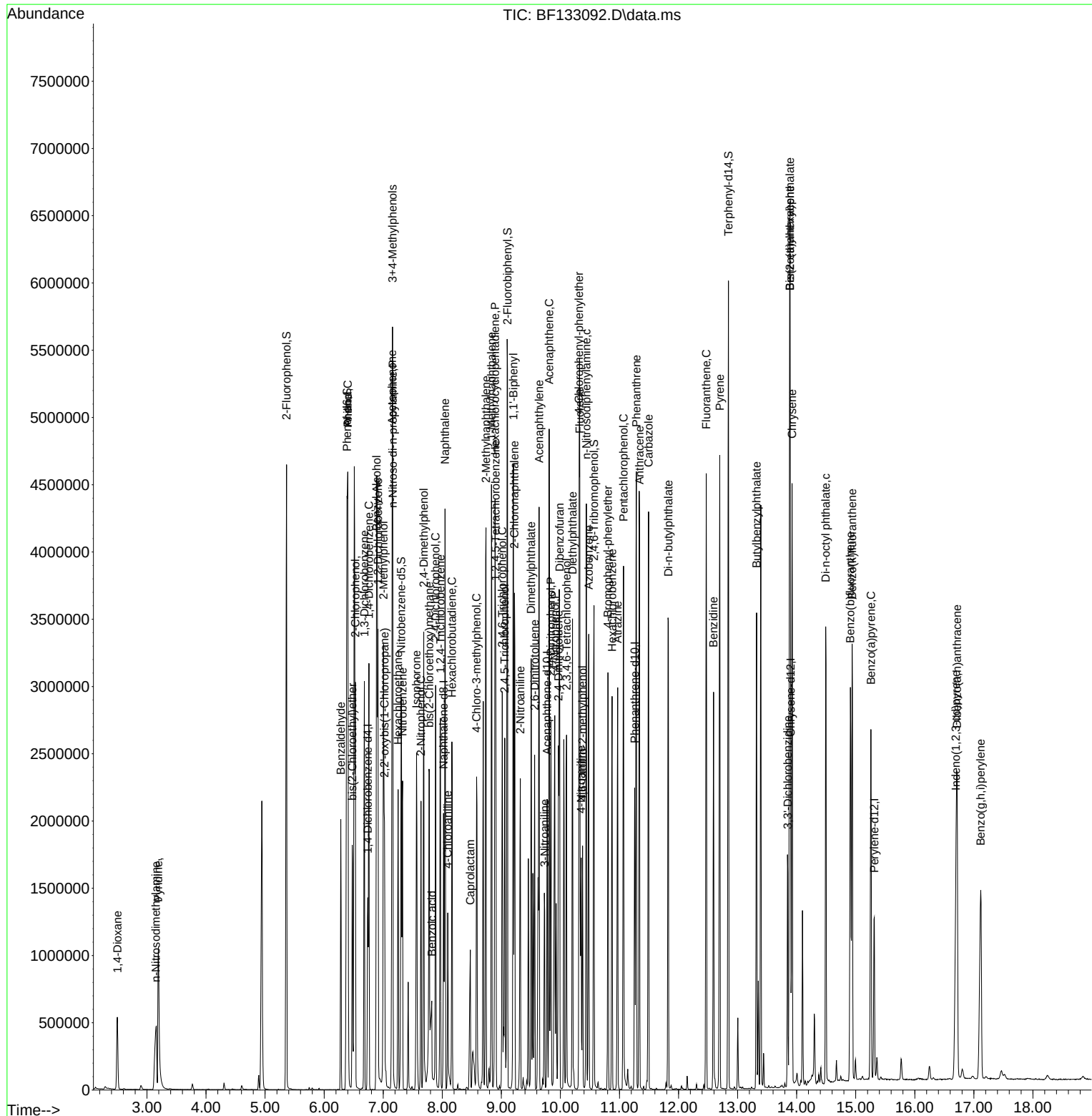
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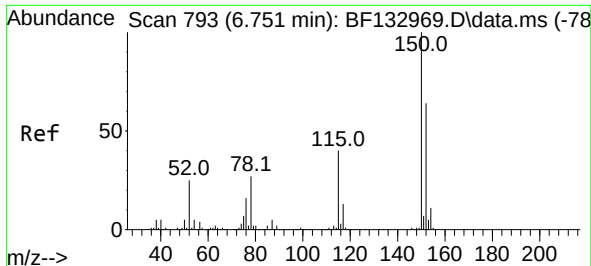
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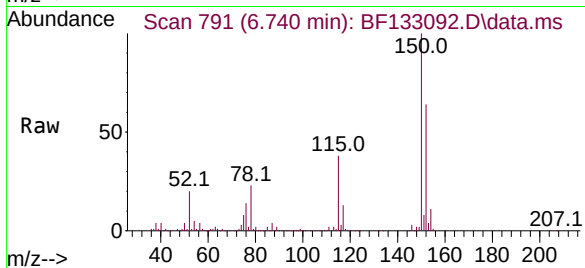
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

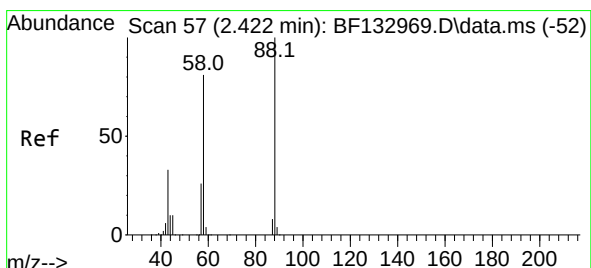
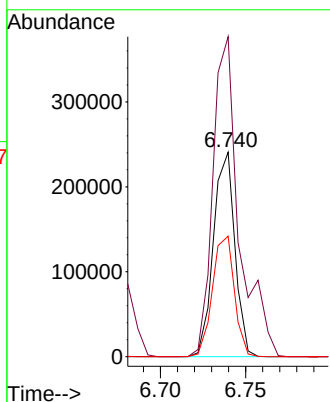
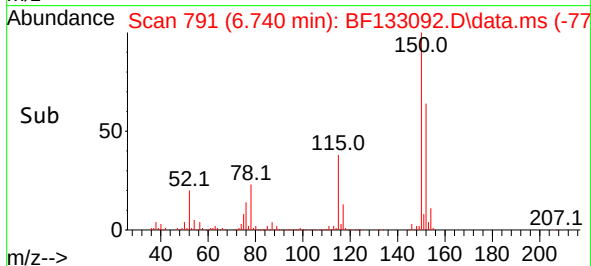


Tgt Ion:152 Resp: 210908
Ion Ratio Lower Upper
152 100
150 156.5 124.8 187.2
115 58.9 49.9 74.9

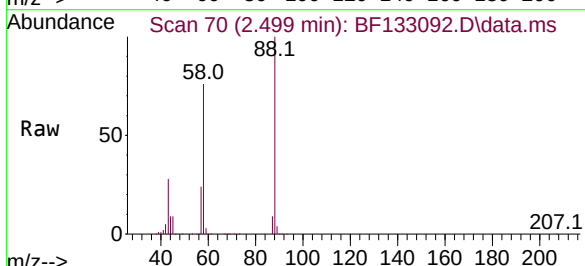
Manual Integrations

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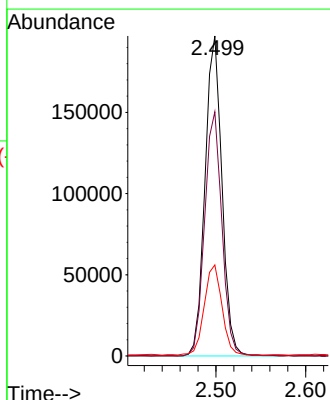
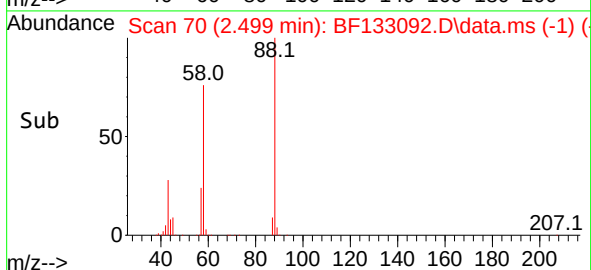
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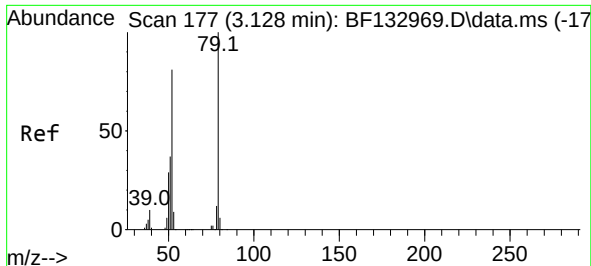


#2
1,4-Dioxane
Concen: 39.808 ng
RT: 2.499 min Scan# 70
Delta R.T. 0.106 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14



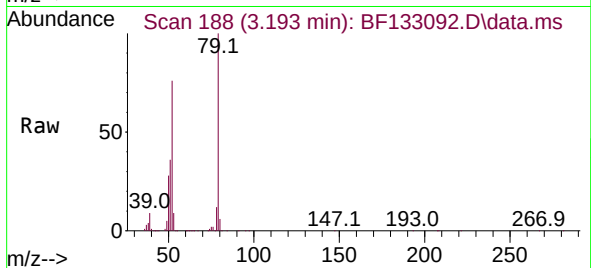
Tgt Ion: 88 Resp: 257795
Ion Ratio Lower Upper
88 100
58 78.1 64.7 97.1
43 29.7 26.2 39.2





#3
Pyridine
Concen: 36.820 ng
RT: 3.193 min Scan# 181
Delta R.T. 0.100 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

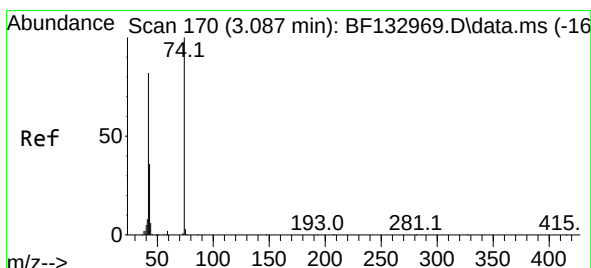
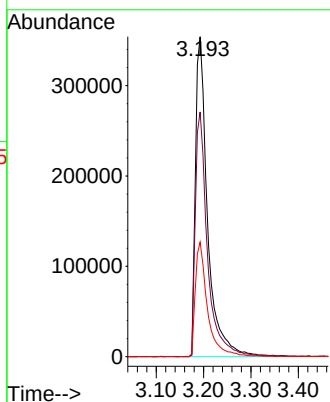
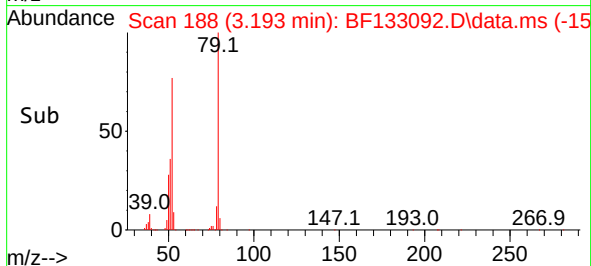
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ClientSampleId :
PB152384BS



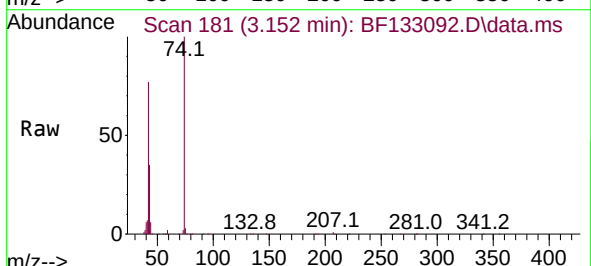
Tgt Ion: 79 Resp: 63330
Ion Ratio Lower Upper
79 100
52 76.5 64.6 96.8
51 35.8 30.0 45.0

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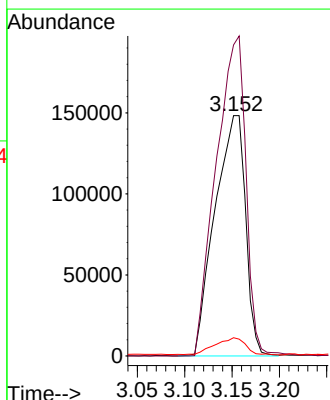
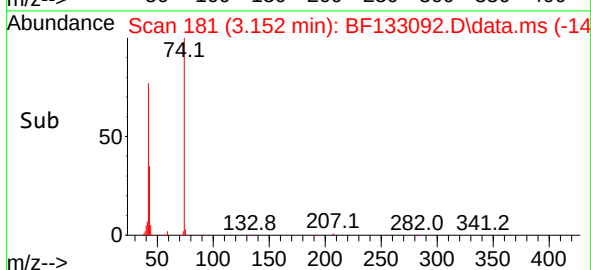
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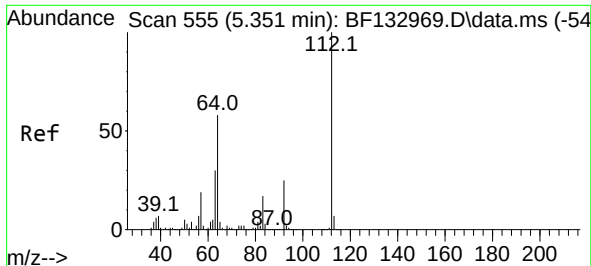


#4
n-Nitrosodimethylamine
Concen: 37.391 ng
RT: 3.152 min Scan# 181
Delta R.T. 0.100 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14



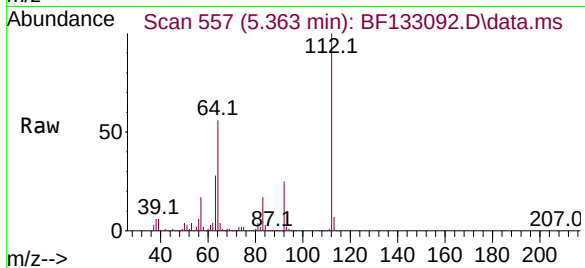
Tgt Ion: 42 Resp: 333121
Ion Ratio Lower Upper
42 100
74 129.4 98.0 147.0
44 7.6 5.8 8.8





#5
2-Fluorophenol
Concen: 102.848 ng
RT: 5.363 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

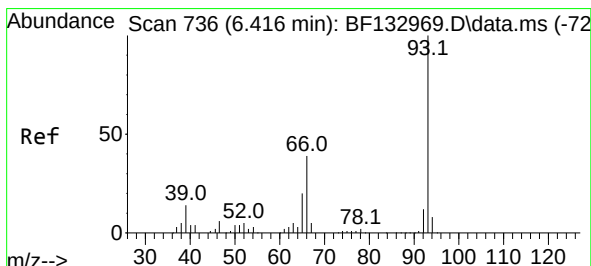
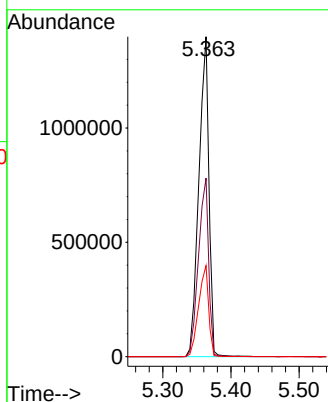
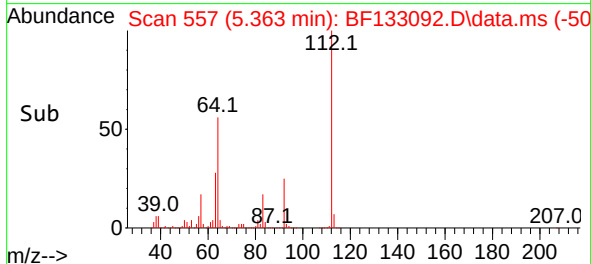
Instrument :
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Tgt Ion:112 Resp: 1435940
Ion Ratio Lower Upper
112 100
64 55.8 46.8 70.2
63 28.5 23.8 35.8

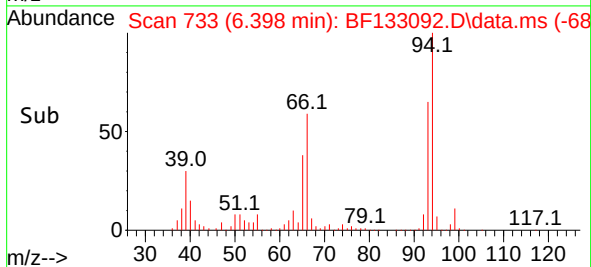
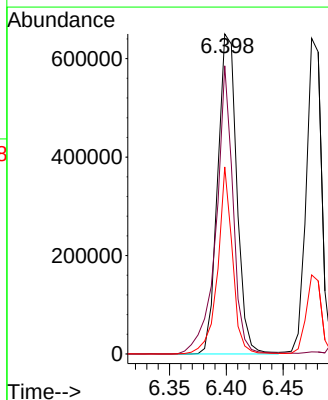
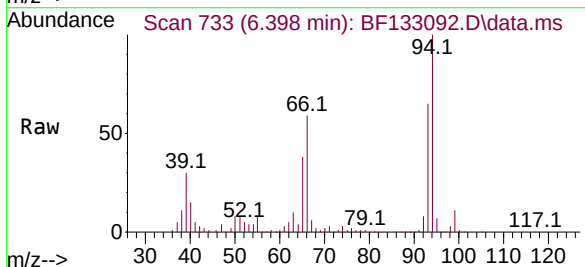
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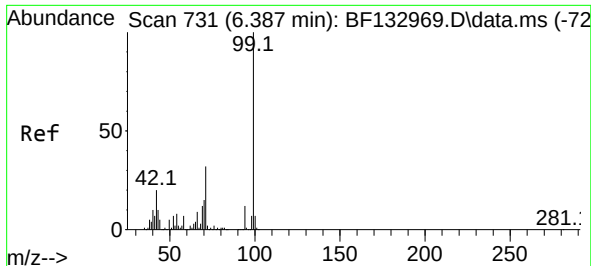
Reviewed By :Christian Giraldo 04/28/2023
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#6
Aniline
Concen: 34.110 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

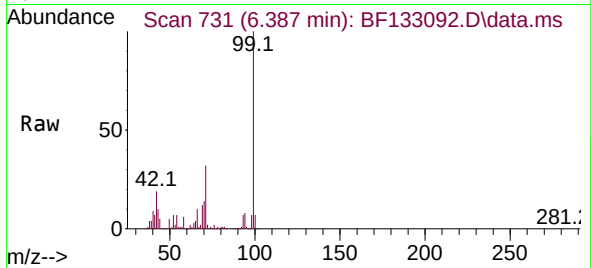
Tgt Ion: 93 Resp: 761321
Ion Ratio Lower Upper
93 100
66 90.0 31.5 47.3#
65 58.4 16.4 24.6#





#7
Phenol-d6
Concen: 101.861 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

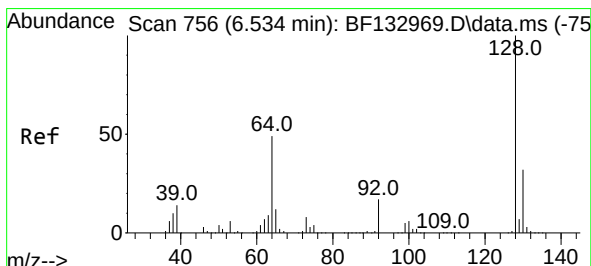
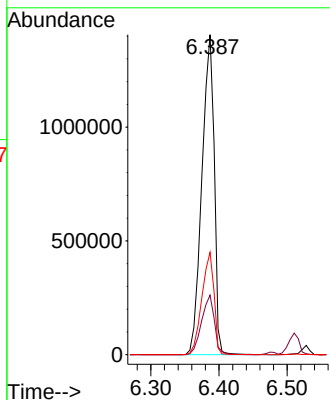
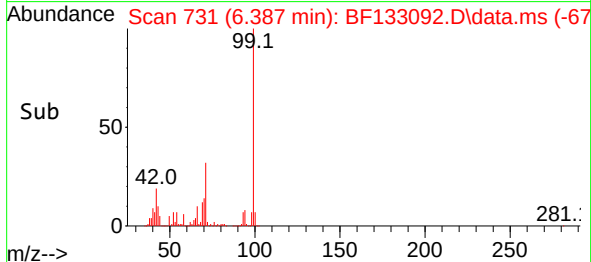
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Tgt Ion: 99 Resp: 176519
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 32.0 25.6 38.4

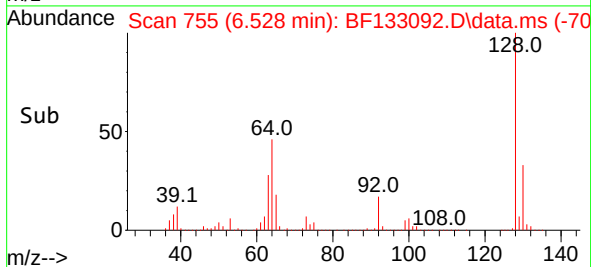
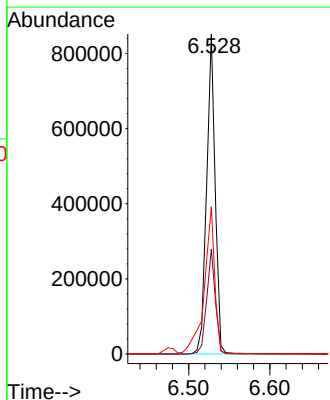
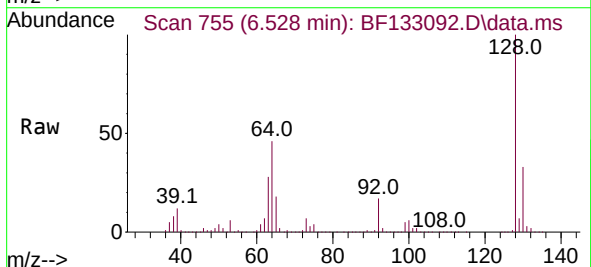
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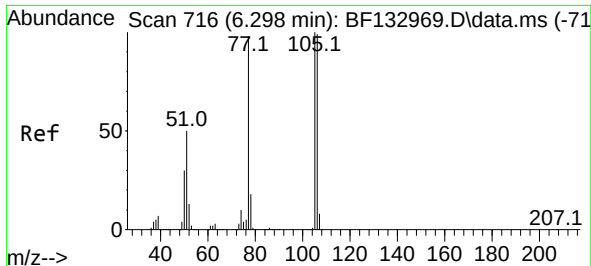
Reviewed By :Christian Giraldo 04/28/2023
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#8
2-Chlorophenol
Concen: 43.890 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF133092.D
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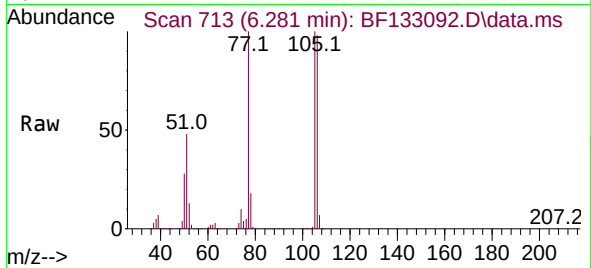
Tgt Ion:128 Resp: 622175
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 46.0 30.3 70.3





#9
Benzaldehyde
Concen: 44.378 ng
RT: 6.281 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF133092.D
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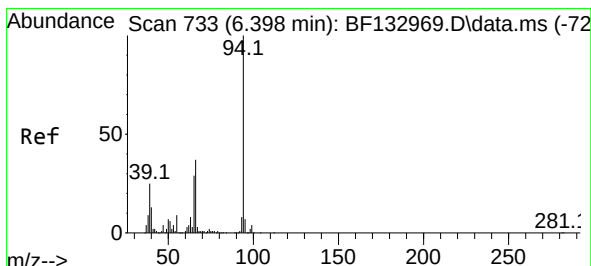
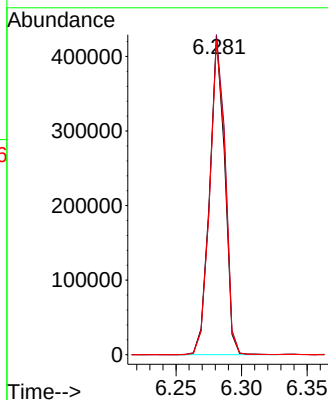
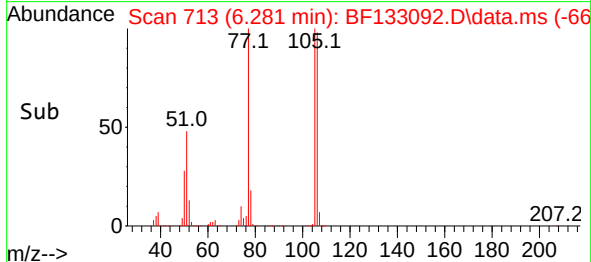
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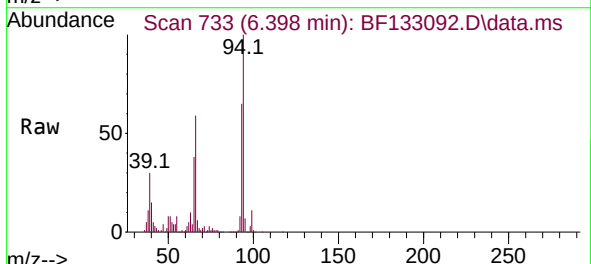
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Ion Ratio Lower Upper
77 100
105 100.2 82.3 122.3
106 98.4 80.8 120.8

Manual Integrations
APPROVED

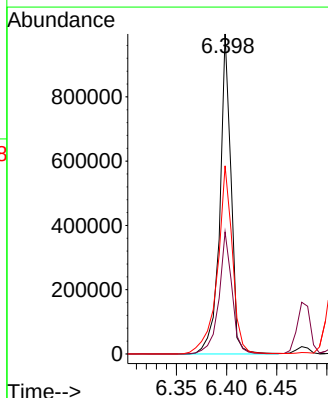
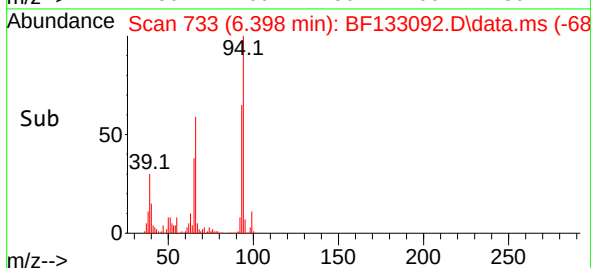
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

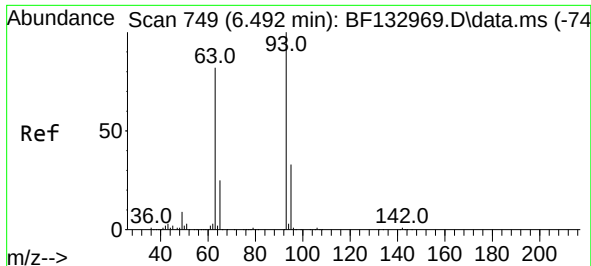


#10
Phenol
Concen: 40.431 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14



Tgt Ion: 94 Resp: 772939
Ion Ratio Lower Upper
94 100
65 38.2 8.6 48.6
66 58.8 17.3 57.3#





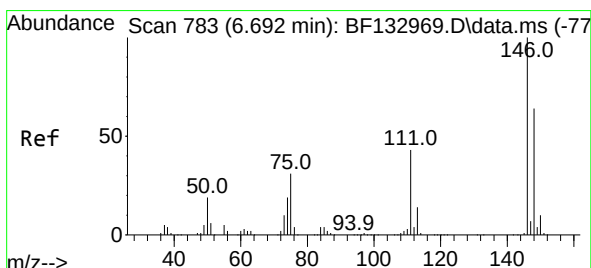
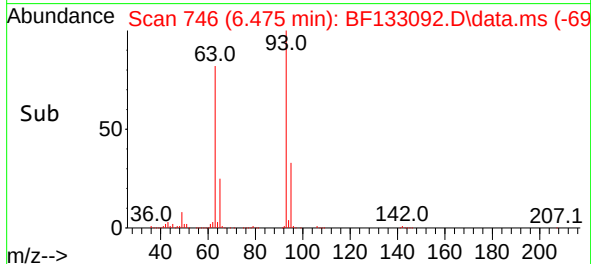
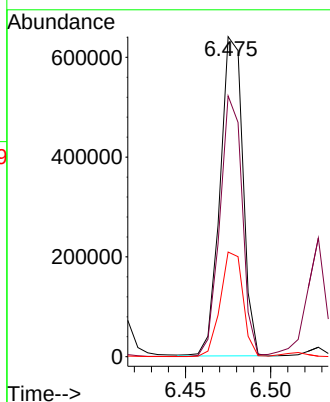
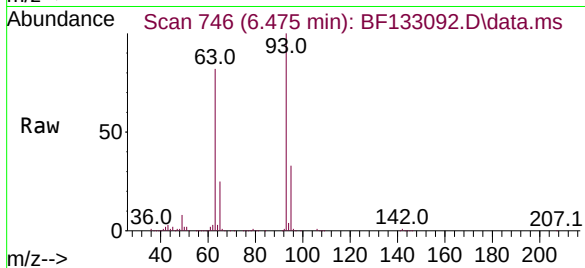
#11
bis(2-Chloroethyl)ether
Concen: 41.595 ng
RT: 6.475 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB152384BS

Tgt Ion: 93 Resp: 59672
Ion Ratio Lower Upper
93 100
63 81.5 60.6 100.6
95 32.7 12.9 52.9

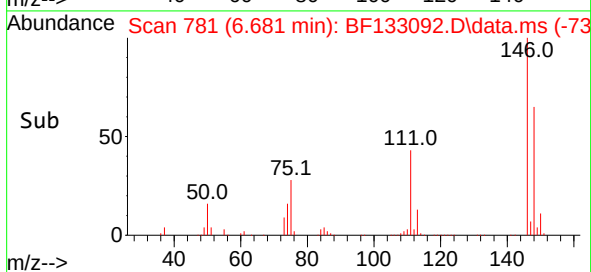
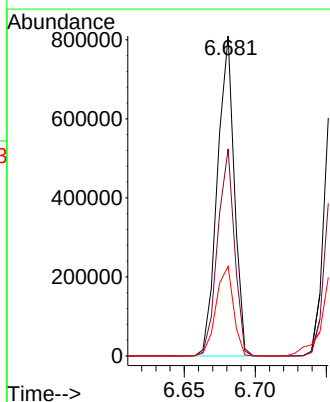
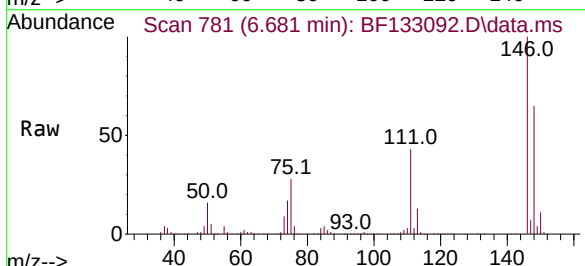
Manual Integrations
APPROVED

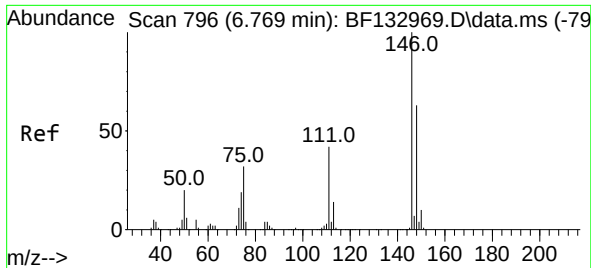
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#12
1,3-Dichlorobenzene
Concen: 44.365 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:146 Resp: 668649
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.4
75 28.0 24.8 37.2





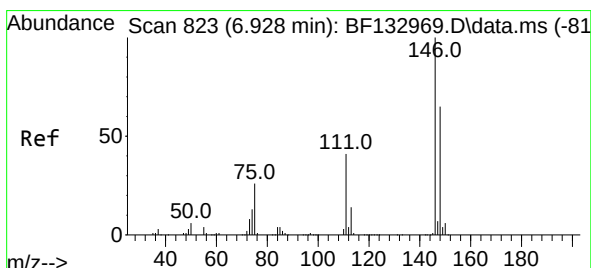
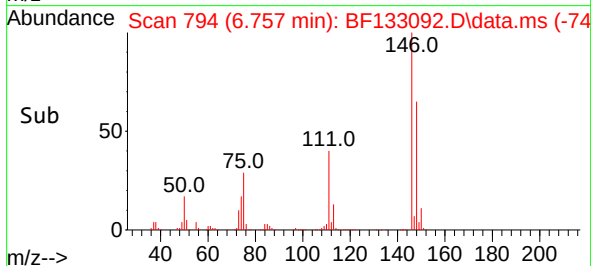
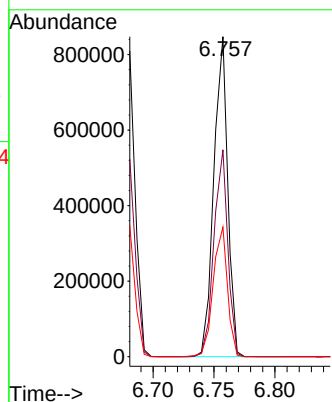
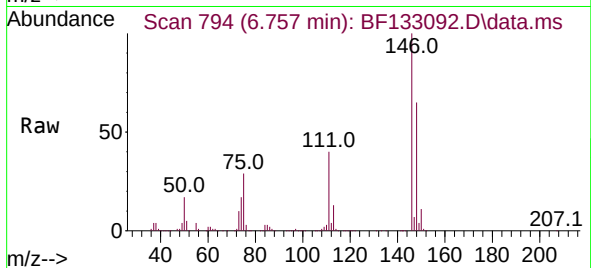
#13
1,4-Dichlorobenzene
Concen: 44.527 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB152384BS

Tgt Ion:146 Resp: 672578
Ion Ratio Lower Upper
146 100
148 64.7 50.3 75.5
111 40.5 33.8 50.6

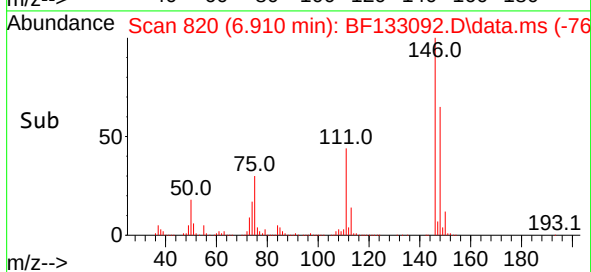
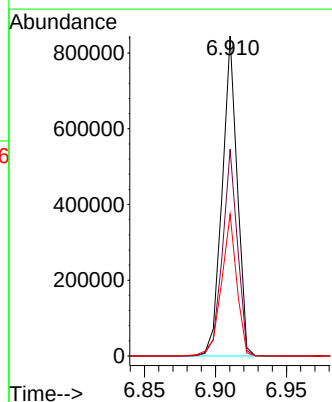
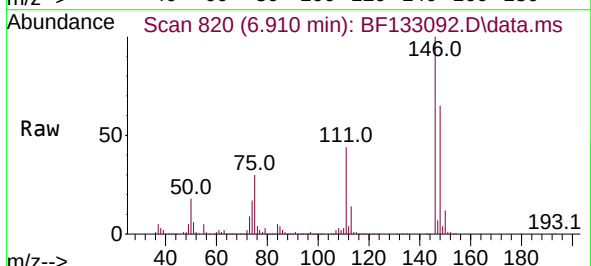
Manual Integrations
APPROVED

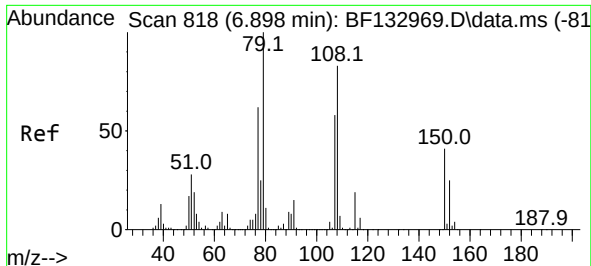
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#14
1,2-Dichlorobenzene
Concen: 44.580 ng
RT: 6.910 min Scan# 820
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

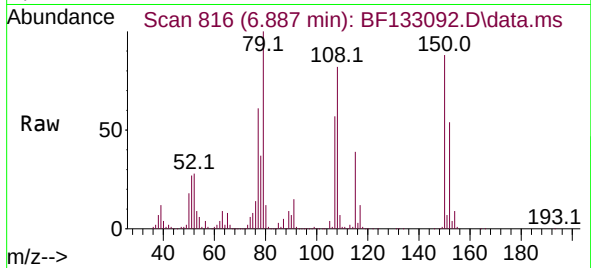
Tgt Ion:146 Resp: 620801
Ion Ratio Lower Upper
146 100
148 64.6 52.2 78.2
111 44.3 32.8 49.2





#15
Benzyl Alcohol
Concen: 41.619 ng
RT: 6.887 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

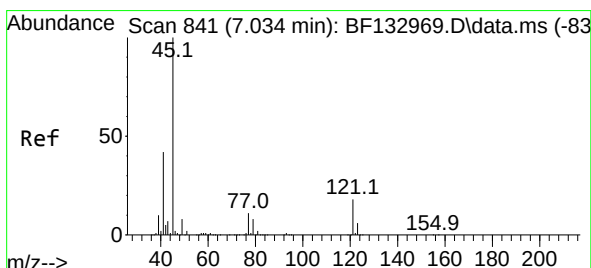
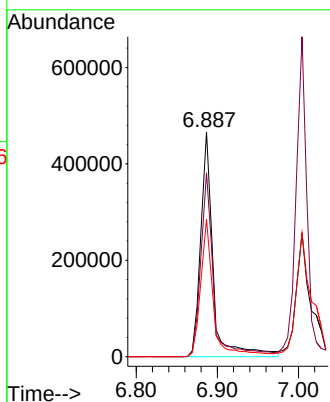
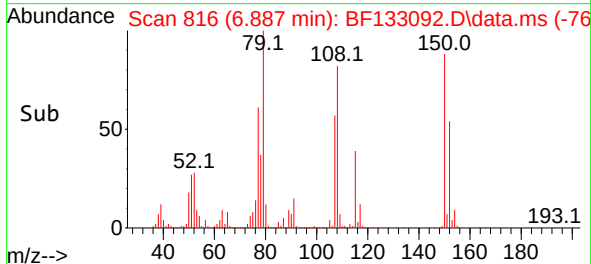
Instrument :
BNA_F
ClientSampleId :
PB152384BS



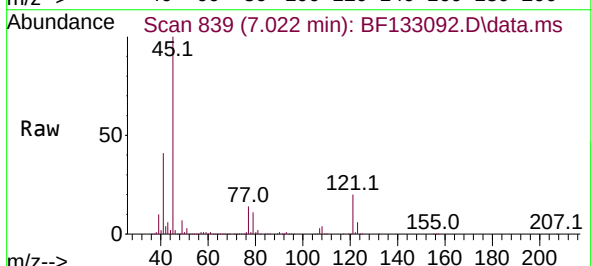
Tgt Ion: 79 Resp: 49820
Ion Ratio Lower Upper
79 100
108 81.8 66.6 99.8
77 61.3 49.2 73.8

Manual Integrations
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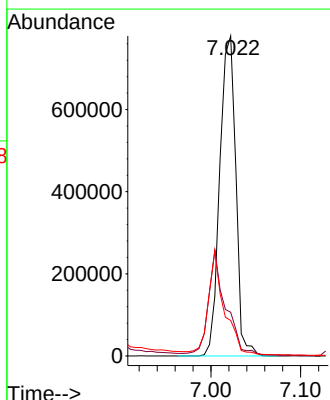
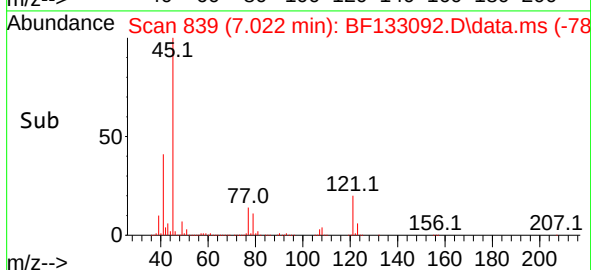
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

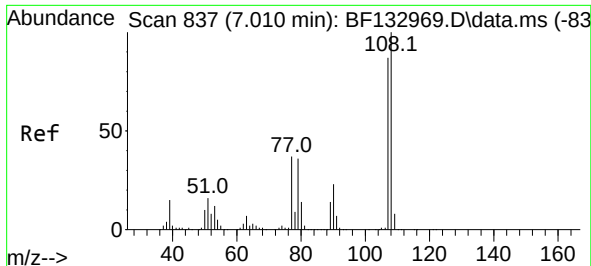


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.704 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14



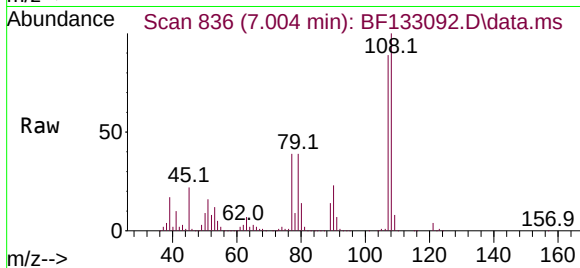
Tgt Ion: 45 Resp: 964395
Ion Ratio Lower Upper
45 100
77 13.6 0.0 31.5
79 11.1 0.0 28.7





#17
2-Methylphenol
Concen: 43.084 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB152384BS

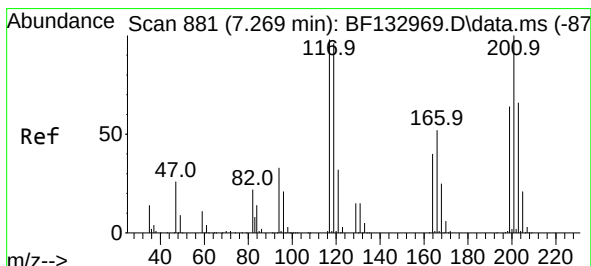
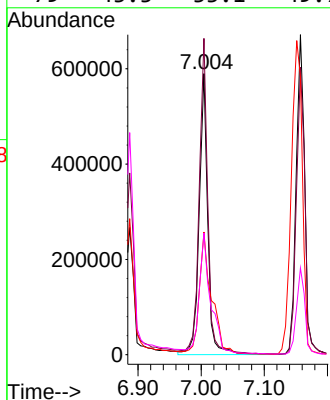
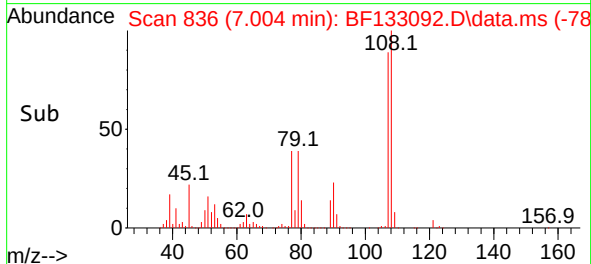


Tgt Ion:107 Resp: 55925

Ion	Ratio	Lower	Upper
107	100		
108	112.5	92.4	138.6
77	43.6	33.8	50.8
79	43.3	33.1	49.7

Manual Integrations
APPROVED

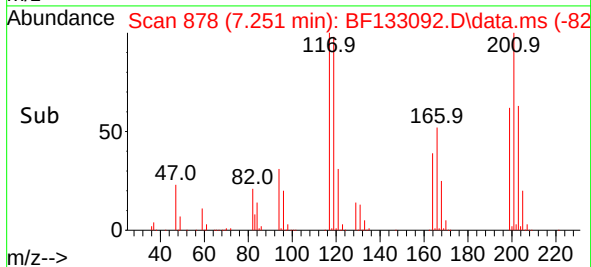
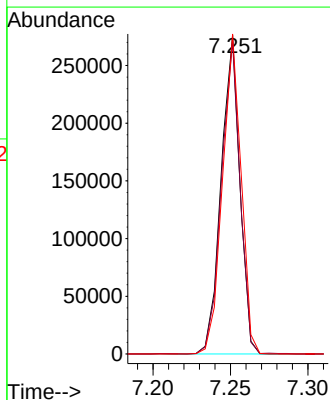
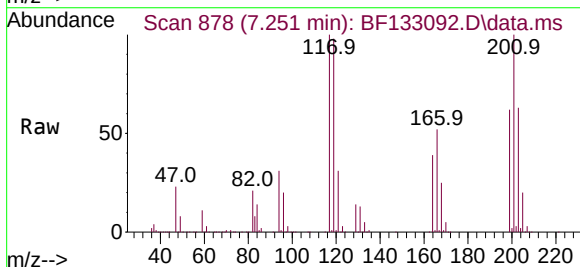
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

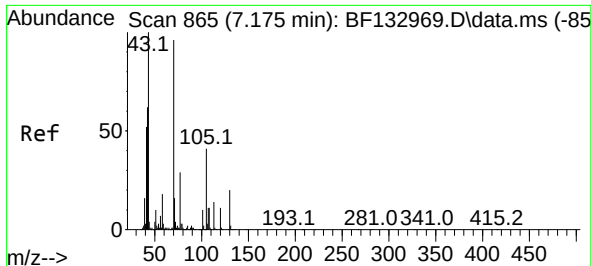


#18
Hexachloroethane
Concen: 44.063 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:117 Resp: 231396

Ion	Ratio	Lower	Upper
117	100		
119	98.0	78.2	117.4
201	100.3	81.7	122.5





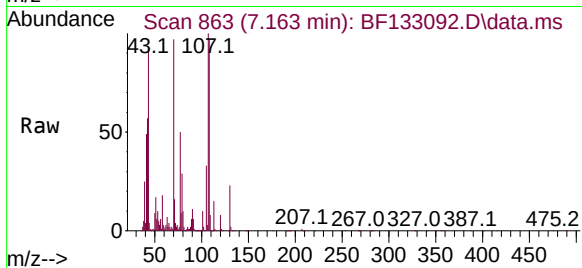
#19
n-Nitroso-di-n-propylamine
Concen: 38.633 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

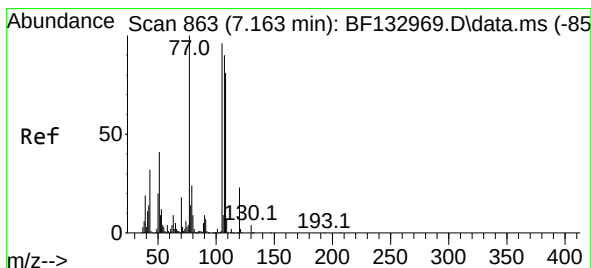
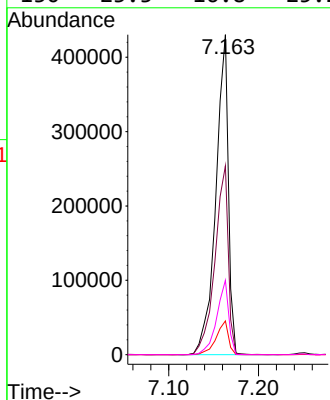
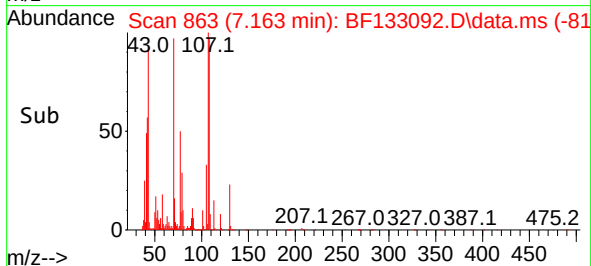
PB152384BS



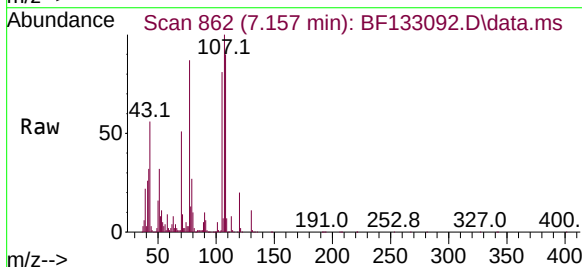
Tgt Ion: 70 Resp: 41679
Ion Ratio Lower Upper
70 100
42 59.0 51.8 77.6
101 10.5 8.0 12.0
130 23.3 16.8 25.2

Manual Integrations
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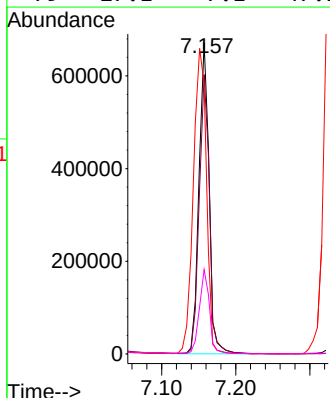
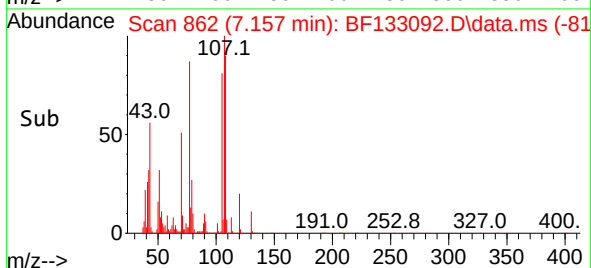
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

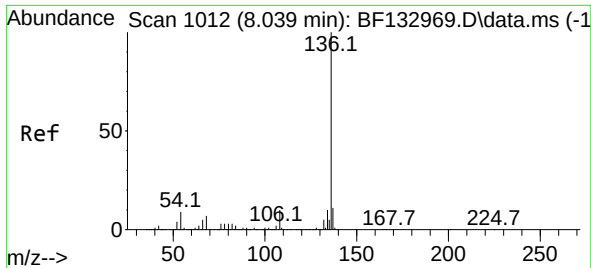


#20
3+4-Methylphenols
Concen: 41.442 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14



Tgt Ion:107 Resp: 633513
Ion Ratio Lower Upper
107 100
108 89.7 70.5 110.5
77 86.8 91.7 131.7#
79 27.1 7.1 47.1





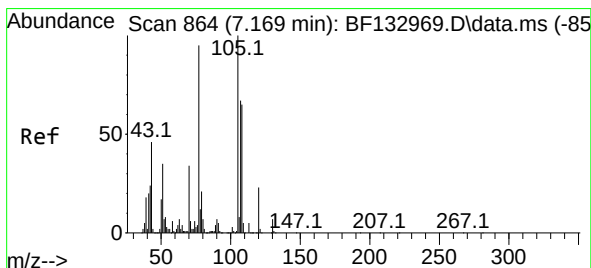
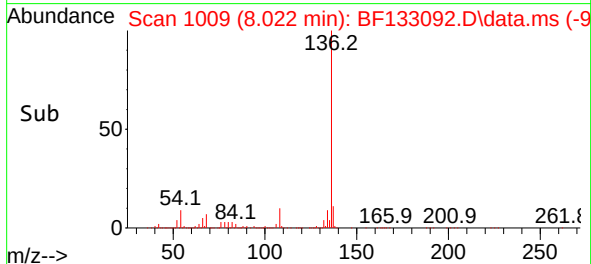
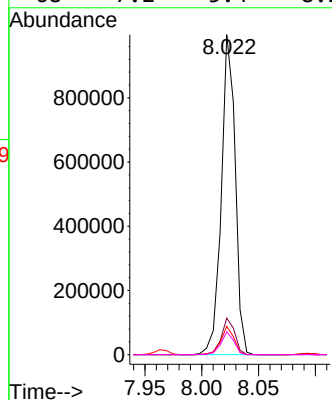
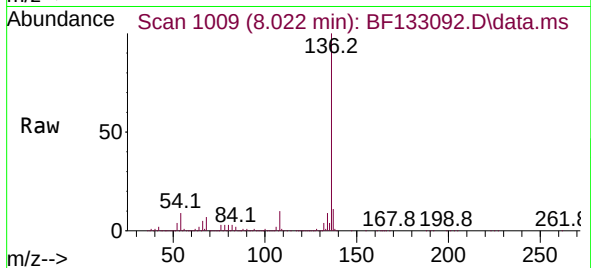
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB152384BS

Tgt Ion:136	Resp: 85069
Ion Ratio	Lower Upper
136 100	
137 11.5	8.6 13.0
54 8.8	7.0 10.4
68 7.2	5.4 8.2

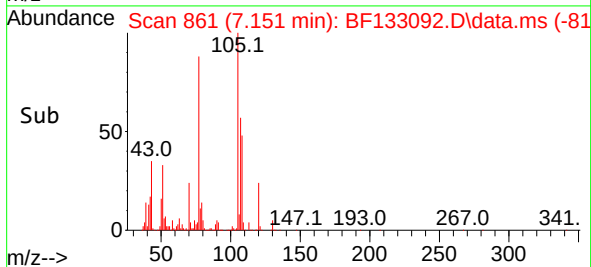
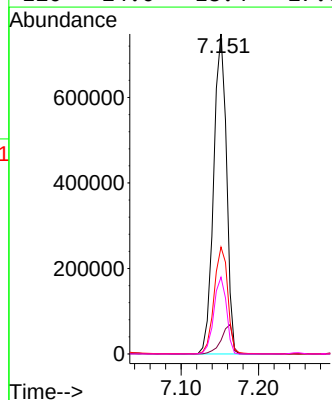
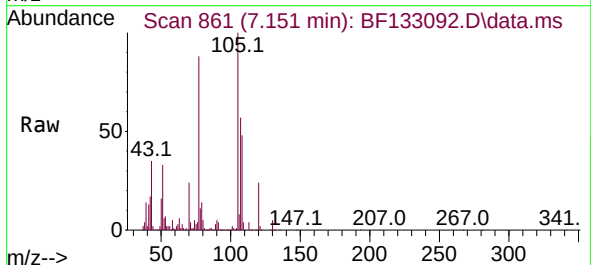
Manual Integrations
APPROVED

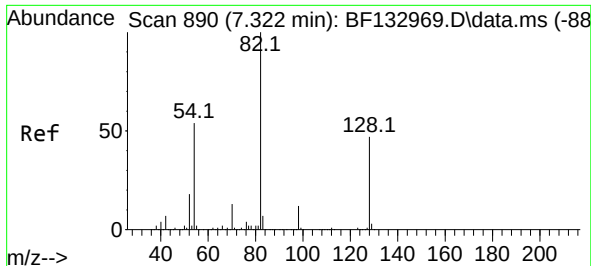
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#22
Acetophenone
Concen: 43.729 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:105	Resp: 861719
Ion Ratio	Lower Upper
105 100	
71 4.3	4.6 7.0#
51 33.4	28.2 42.2
120 24.0	18.4 27.6





#23

Nitrobenzene-d5

Concen: 67.676 ng

RT: 7.304 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

Tgt Ion: 82 Resp: 106658

Ion Ratio Lower Upper

82 100

128 47.9 37.7 56.5

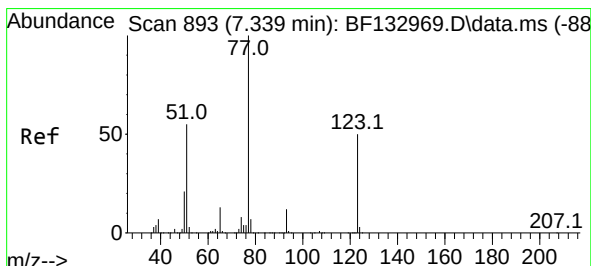
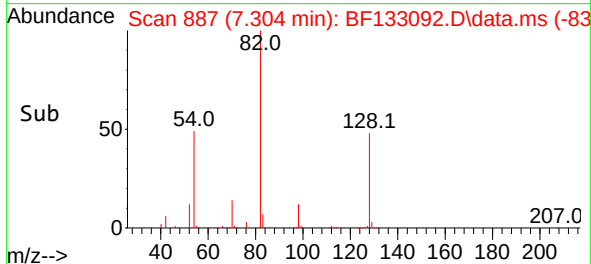
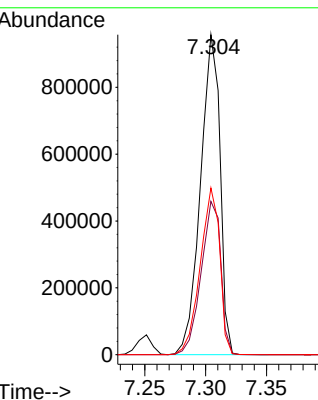
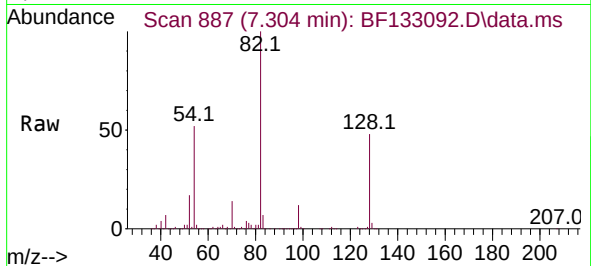
54 52.1 43.0 64.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#24

Nitrobenzene

Concen: 40.754 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

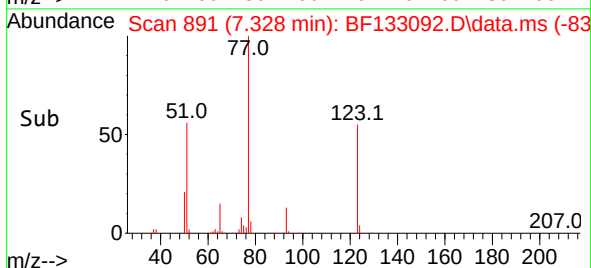
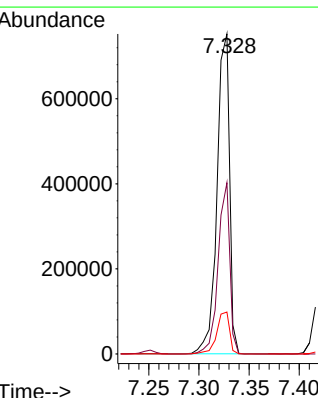
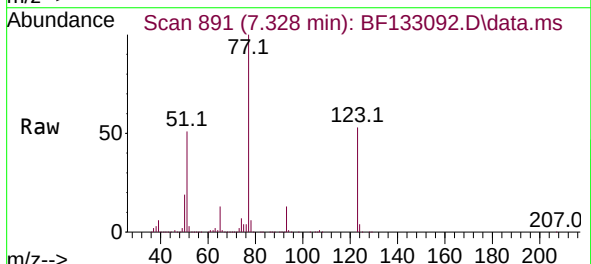
Tgt Ion: 77 Resp: 650856

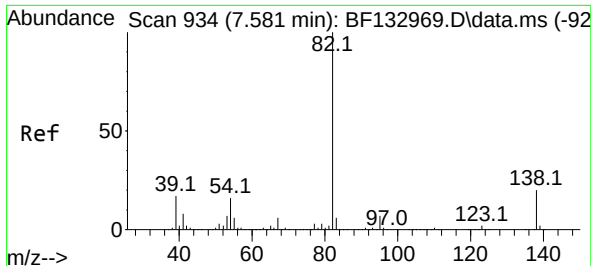
Ion Ratio Lower Upper

77 100

123 53.5 39.9 59.9

65 13.1 10.7 16.1





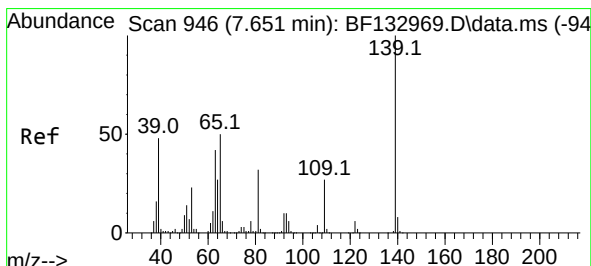
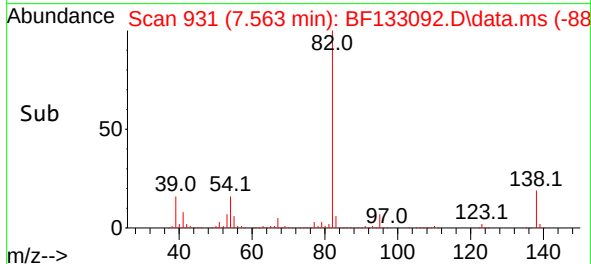
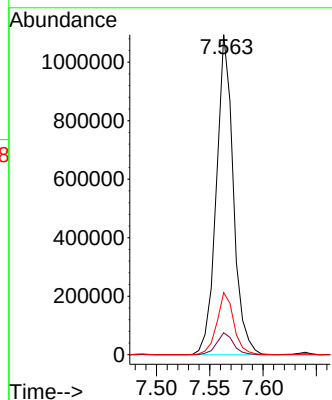
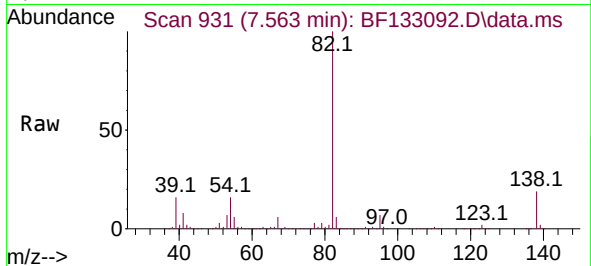
#25
Isophorone
Concen: 40.463 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB152384BS

Tgt Ion: 82 Resp: 1210790
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 19.4 16.0 24.0

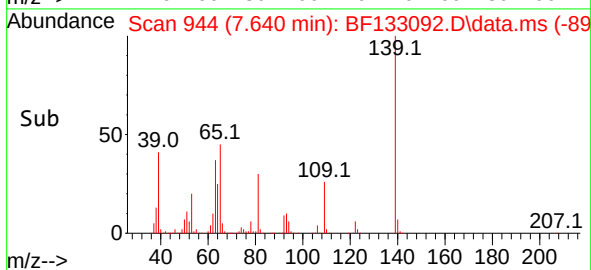
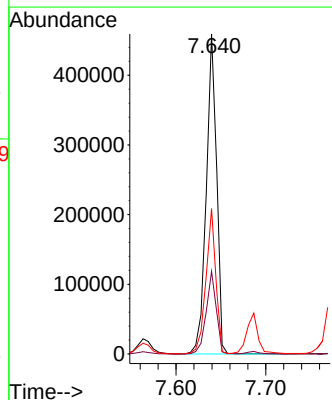
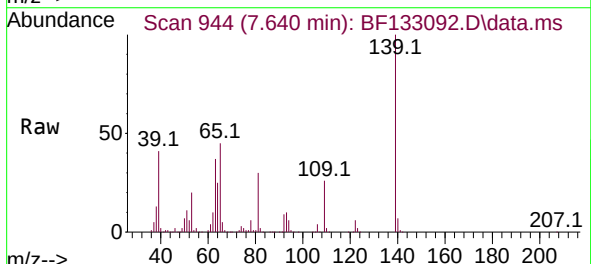
Manual Integrations
APPROVED

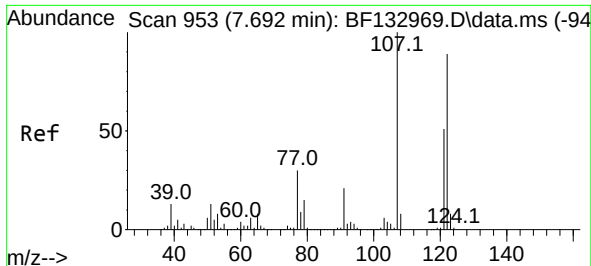
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#26
2-Nitrophenol
Concen: 47.656 ng
RT: 7.640 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:139 Resp: 367090
Ion Ratio Lower Upper
139 100
109 25.8 21.6 32.4
65 45.4 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.883 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

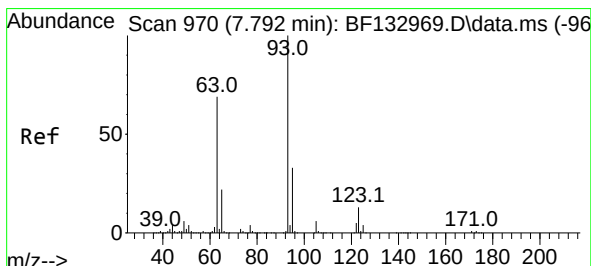
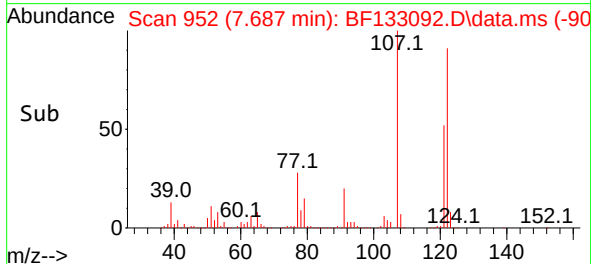
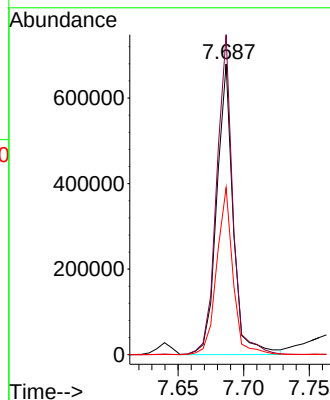
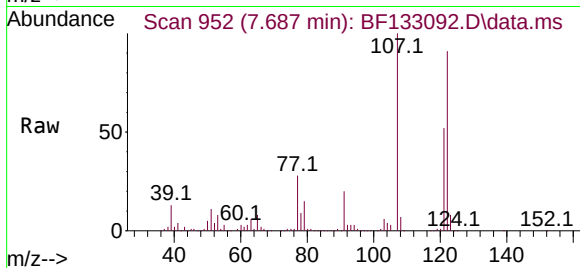
PB152384BS

Tgt Ion:122 Resp: 59283
 Ion Ratio Lower Upper
 122 100
 107 110.0 89.7 134.5
 121 57.4 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.455 ng

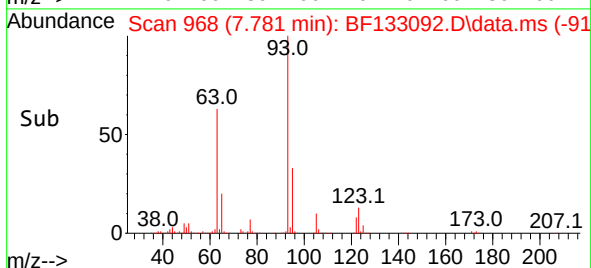
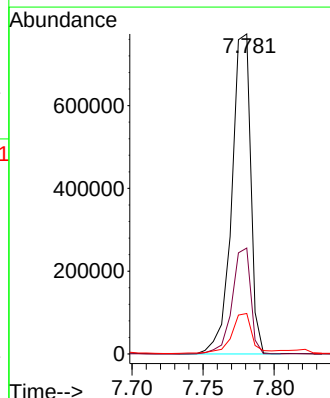
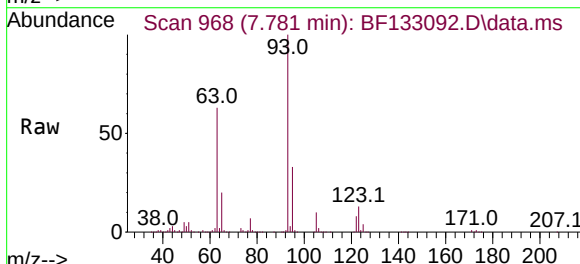
RT: 7.781 min Scan# 968

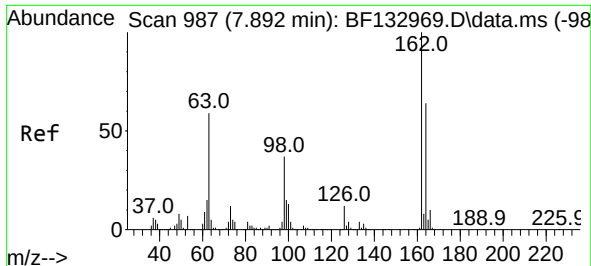
Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Tgt Ion: 93 Resp: 716154
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.4 39.6
 123 12.7 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 43.950 ng

RT: 7.887 min Scan# 987

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

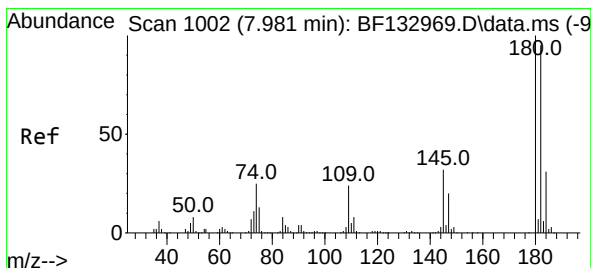
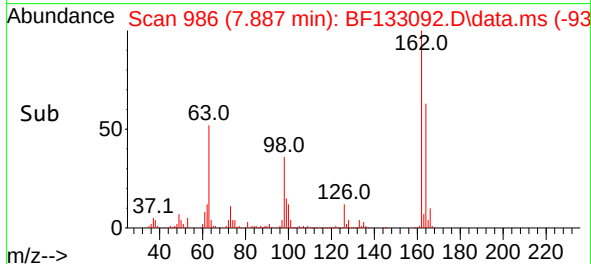
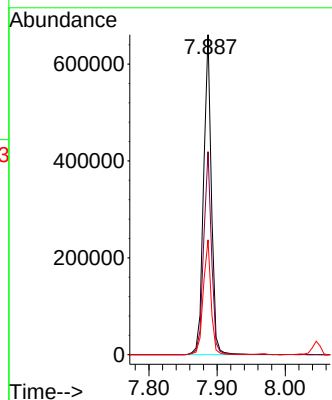
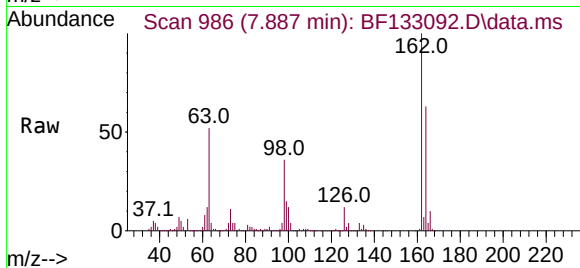
PB152384BS

Tgt Ion:162 Resp: 528470
 Ion Ratio Lower Upper
 162 100
 164 63.5 43.9 83.9
 98 35.9 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.262 ng

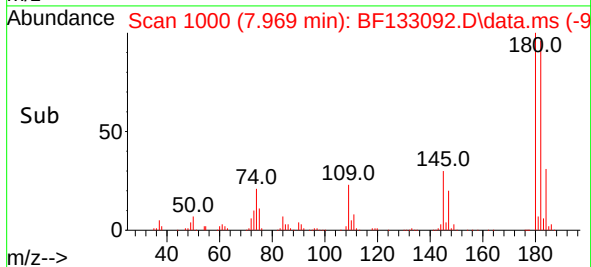
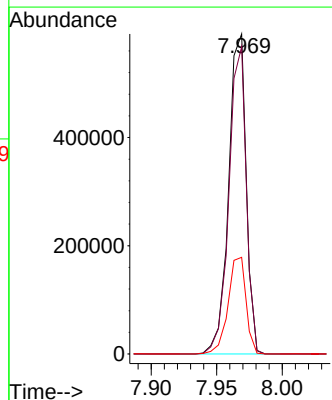
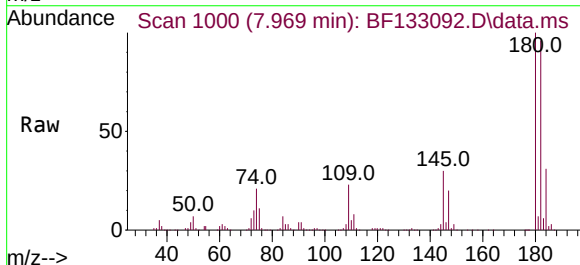
RT: 7.969 min Scan# 1000

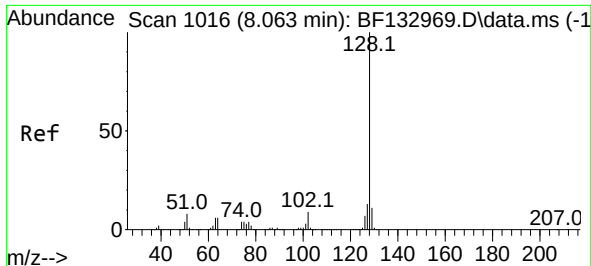
Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

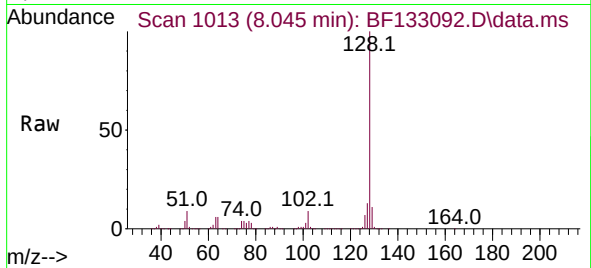
Tgt Ion:180 Resp: 551372
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.9 113.9
 145 30.2 25.3 37.9





#31
Naphthalene
Concen: 42.270 ng
RT: 8.045 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

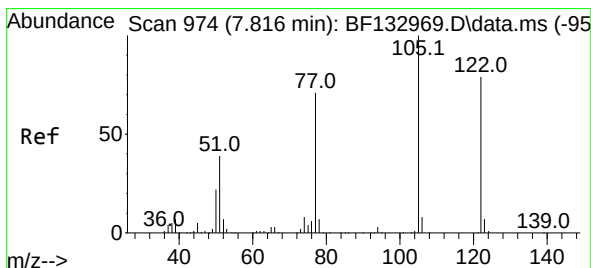
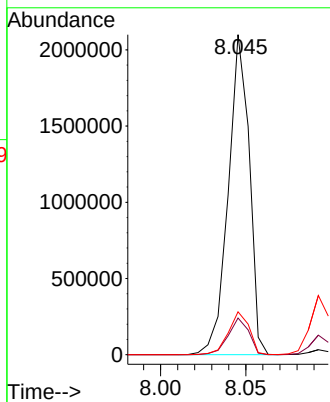
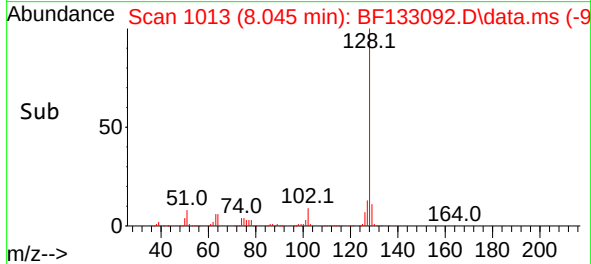
Instrument :
BNA_F
ClientSampleId :
PB152384BS



Tgt Ion:128 Resp: 1797835
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.4 10.7 16.1

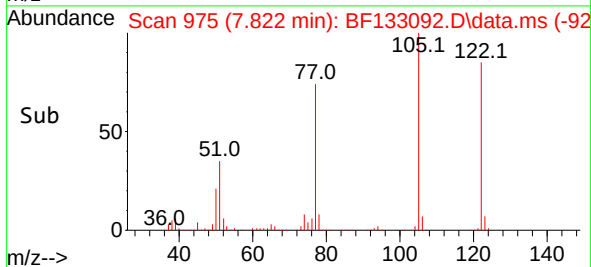
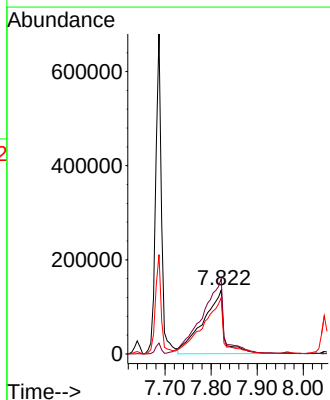
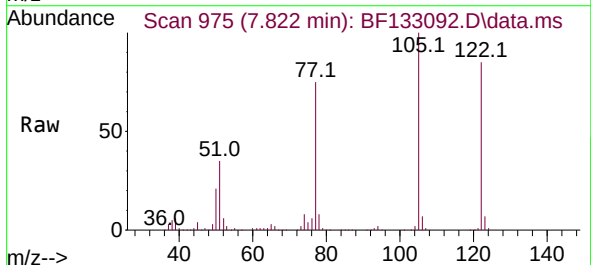
Manual Integrations
APPROVED

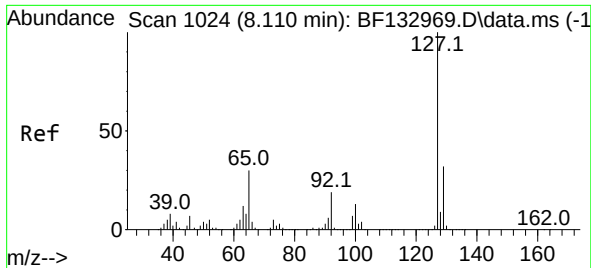
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#32
Benzoic acid
Concen: 53.373 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.024 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:122 Resp: 435460
Ion Ratio Lower Upper
122 100
105 117.9 104.2 144.2
77 88.0 69.7 109.7





#33
4-Chloroaniline
Concen: 21.045 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

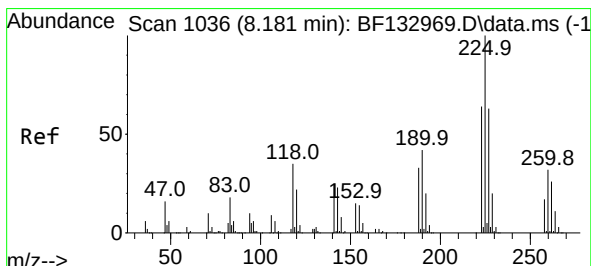
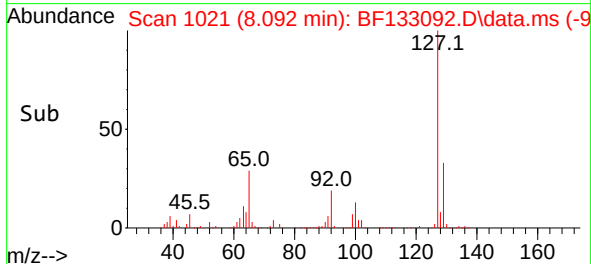
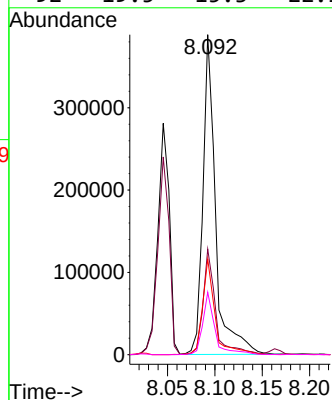
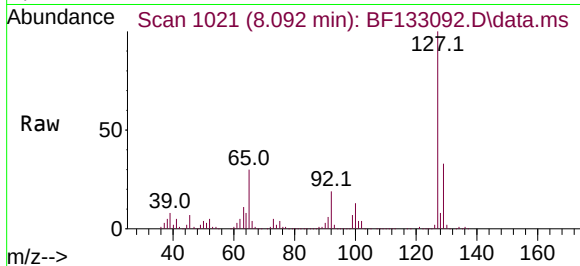
ClientSampleId :

PB152384BS

Tgt Ion:127 Resp: 36165
Ion Ratio Lower Upper
127 100
129 33.0 25.8 38.8
65 29.9 23.6 35.4
92 19.5 15.3 22.9

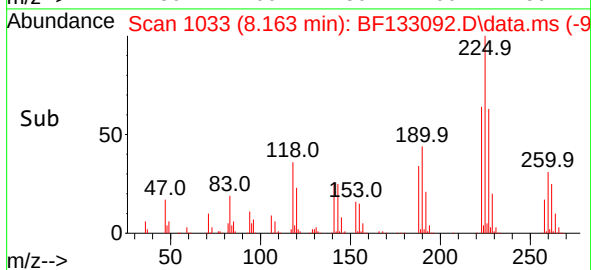
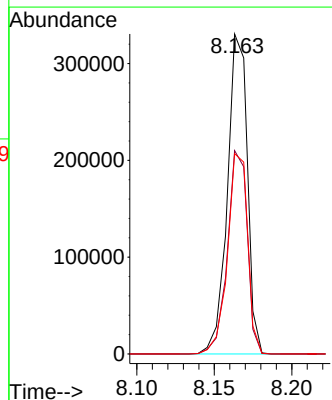
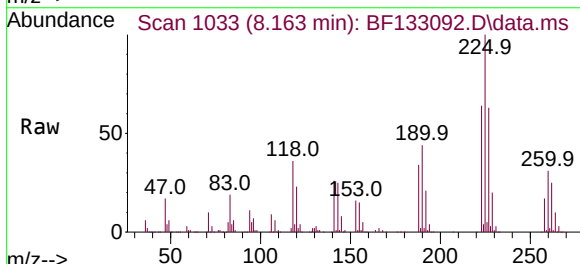
Manual Integrations
APPROVED

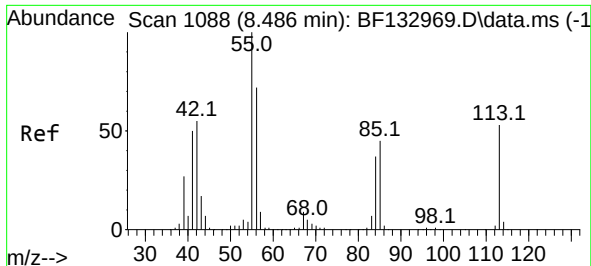
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#34
Hexachlorobutadiene
Concen: 42.871 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

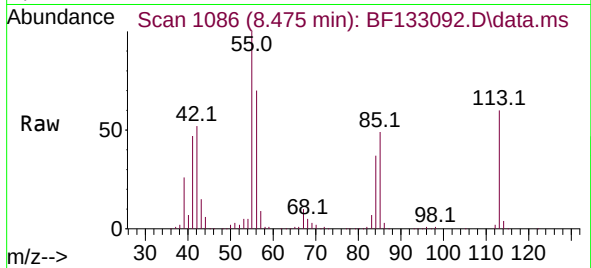
Tgt Ion:225 Resp: 295994
Ion Ratio Lower Upper
225 100
223 63.5 50.9 76.3
227 62.6 50.3 75.5





#35
Caprolactam
Concen: 48.115 ng m
RT: 8.475 min Scan# 1086
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

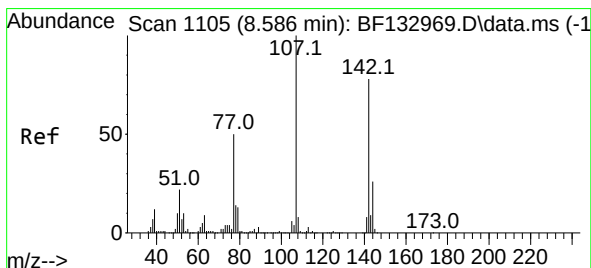
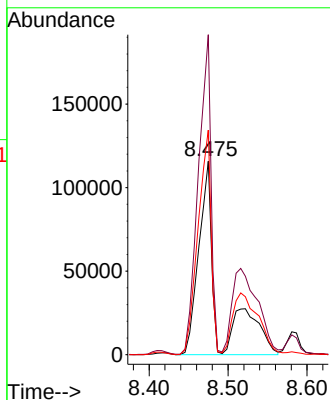
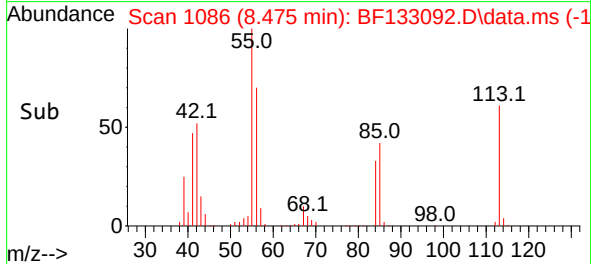
Instrument :
BNA_F
ClientSampleId :
PB152384BS



Tgt Ion:113 Resp: 19435
Ion Ratio Lower Upper
113 100
55 165.4 167.1 207.1
56 116.1 114.5 154.5

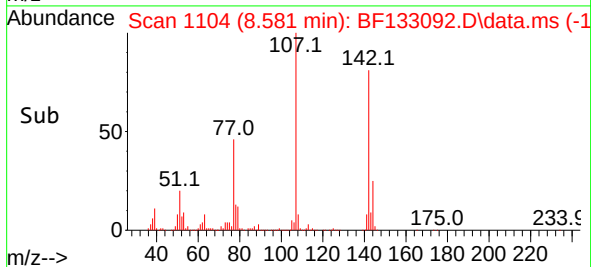
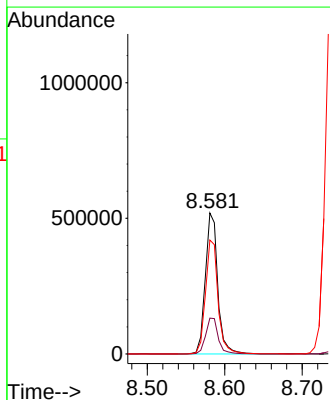
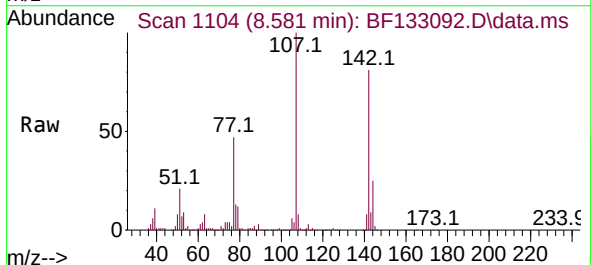
Manual Integrations
APPROVED

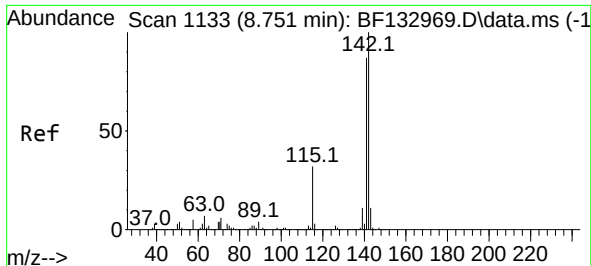
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#36
4-Chloro-3-methylphenol
Concen: 44.591 ng
RT: 8.581 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:107 Resp: 578194
Ion Ratio Lower Upper
107 100
144 25.5 20.6 30.8
142 80.8 62.8 94.2





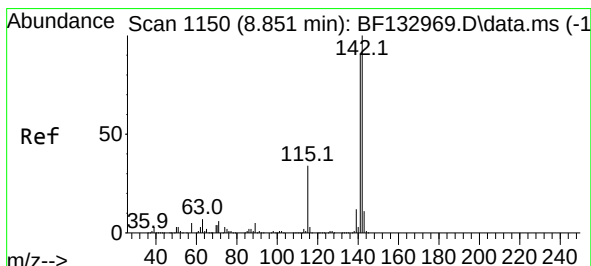
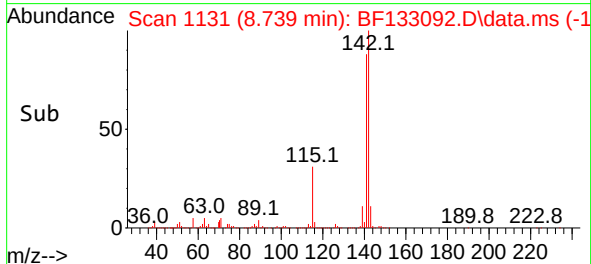
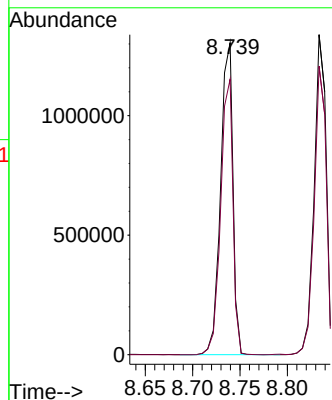
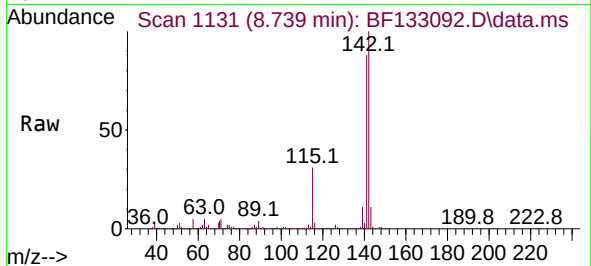
#37
2-Methylnaphthalene
Concen: 40.721 ng
RT: 8.739 min Scan# 1133
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB152384BS

Tgt Ion:142 Resp: 1184084
Ion Ratio Lower Upper
142 100
141 88.3 69.4 104.0

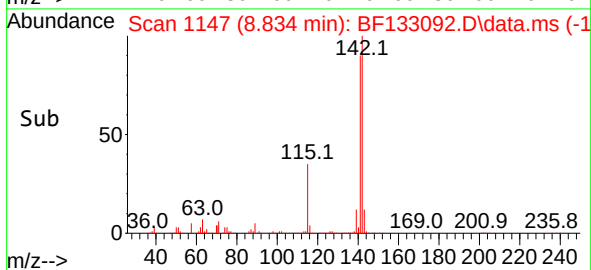
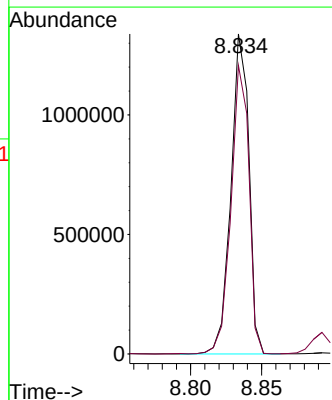
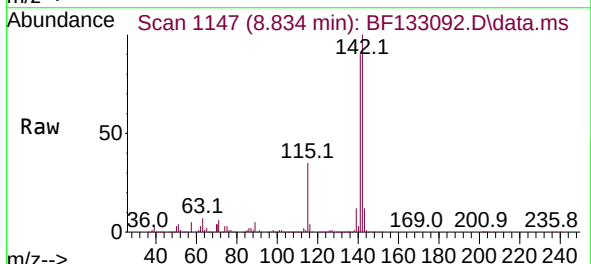
Manual Integrations
APPROVED

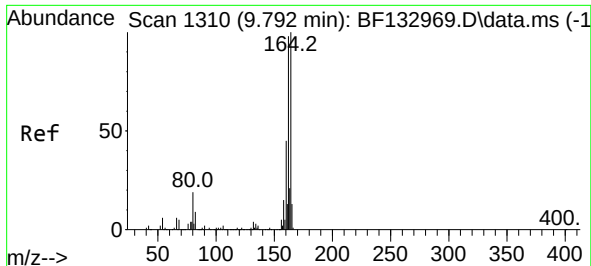
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#38
1-Methylnaphthalene
Concen: 43.241 ng
RT: 8.834 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

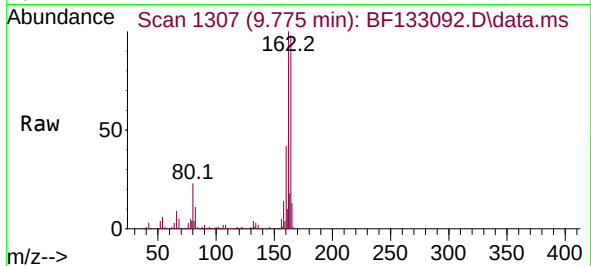
Tgt Ion:142 Resp: 1176244
Ion Ratio Lower Upper
142 100
141 90.2 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

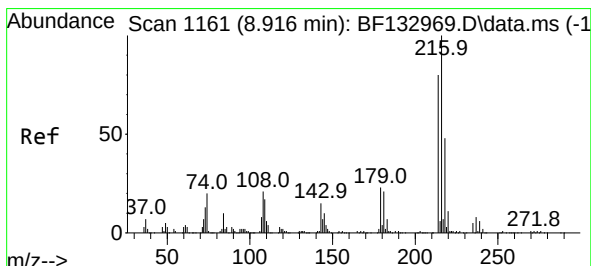
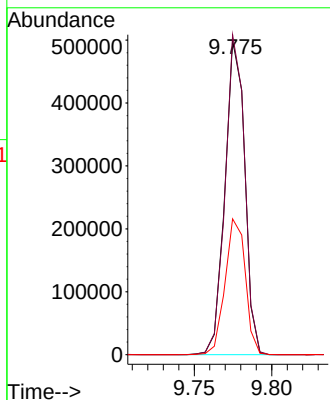
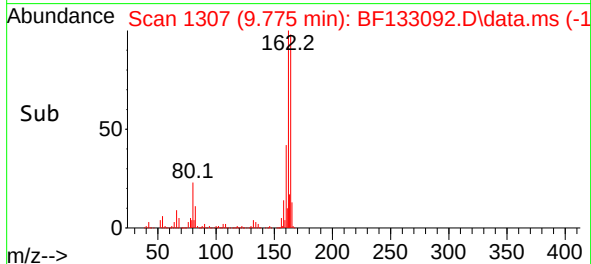
Instrument :
BNA_F
ClientSampleId :
PB152384BS



Tgt Ion:164 Resp: 44361
Ion Ratio Lower Upper
164 100
162 101.7 78.7 118.1
160 43.2 35.8 53.6

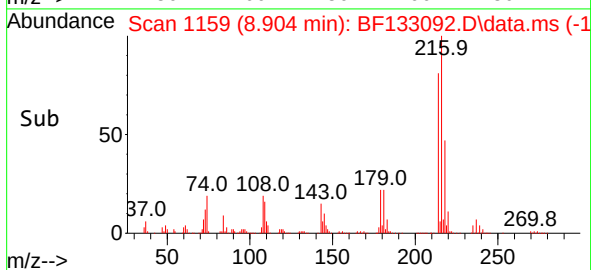
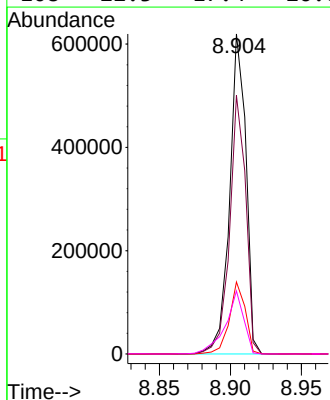
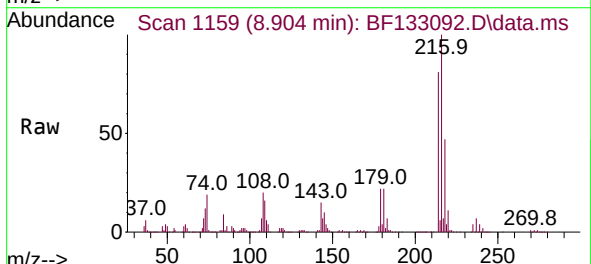
Manual Integrations
APPROVED

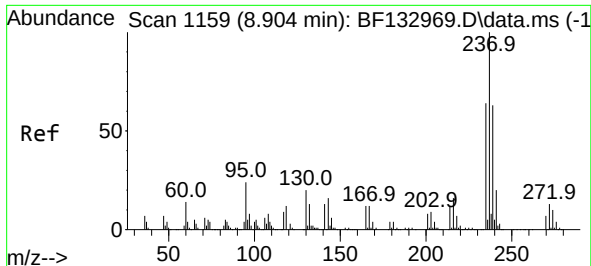
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.590 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

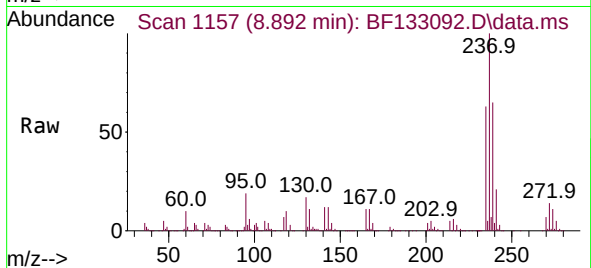
Tgt Ion:216 Resp: 496064
Ion Ratio Lower Upper
216 100
214 79.5 63.5 95.3
179 22.0 17.4 26.2
108 22.3 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 96.643 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

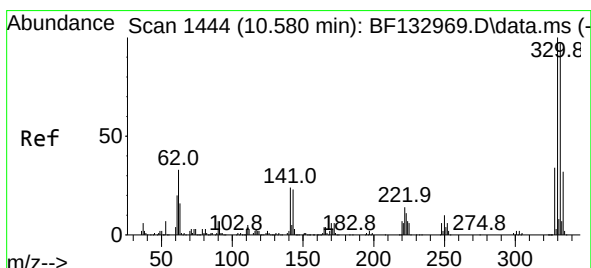
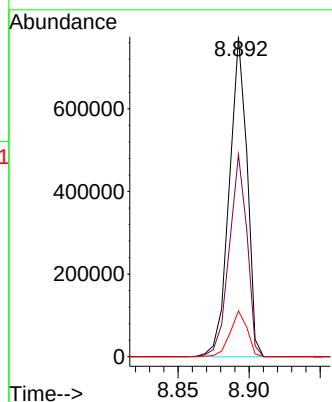
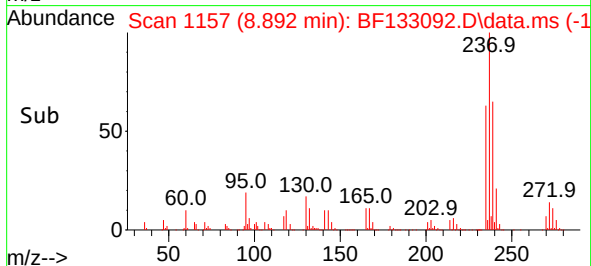
Instrument :
BNA_F
ClientSampleId :
PB152384BS



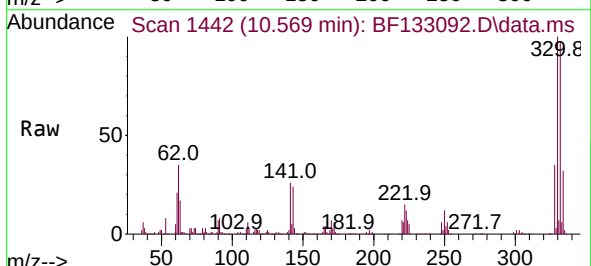
Tgt Ion:237 Resp: 672270
Ion Ratio Lower Upper
237 100
235 63.2 43.5 83.5
272 14.3 0.0 32.7

Manual Integrations
APPROVED

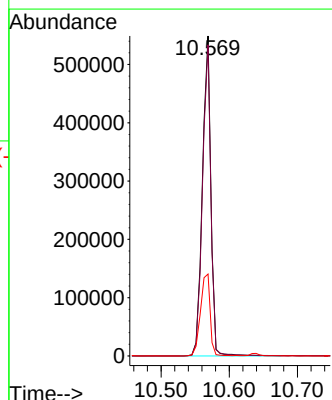
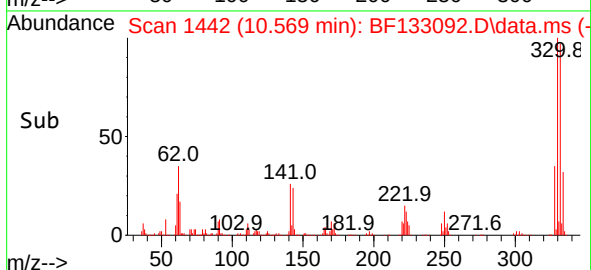
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

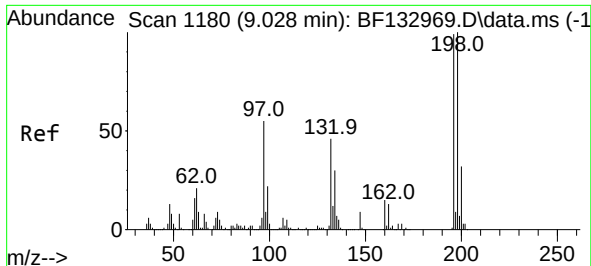


#42
2,4,6-Tribromophenol
Concen: 106.514 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14



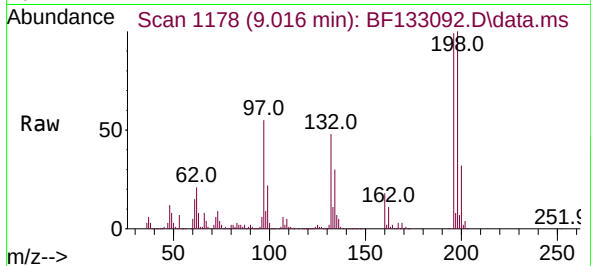
Tgt Ion:330 Resp: 475202
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 29.2 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 42.725 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

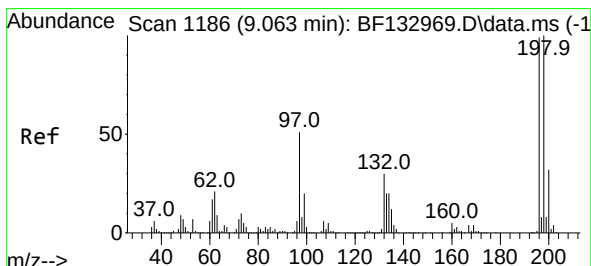
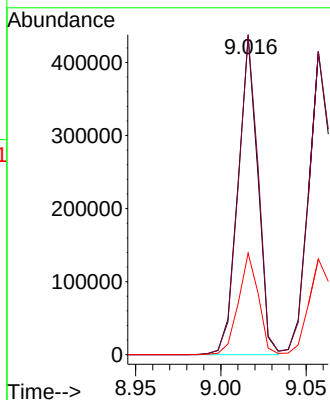
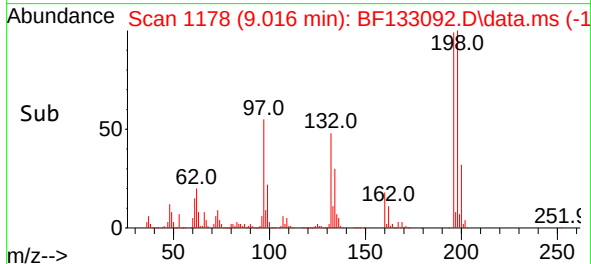
Instrument :
BNA_F
ClientSampleId :
PB152384BS



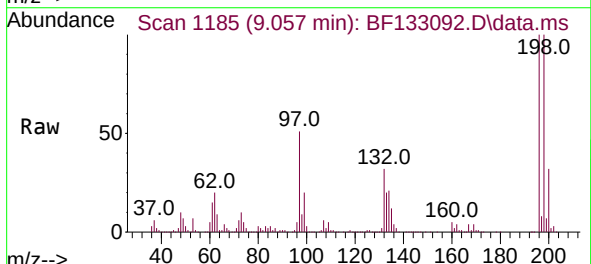
Tgt Ion:196 Resp: 352429
Ion Ratio Lower Upper
196 100
198 100.7 81.0 121.6
200 31.9 26.1 39.1

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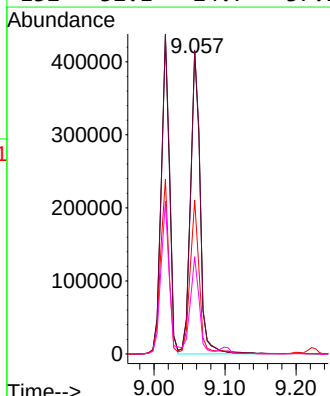
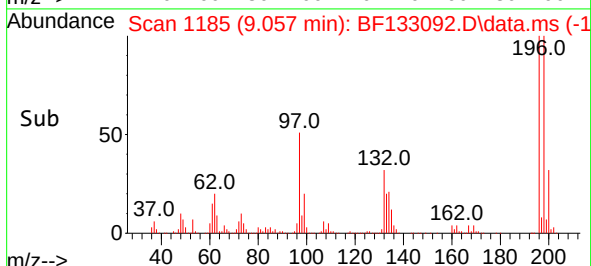
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

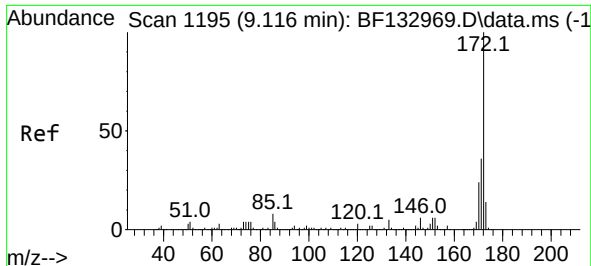


#44
2,4,5-Trichlorophenol
Concen: 40.963 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14



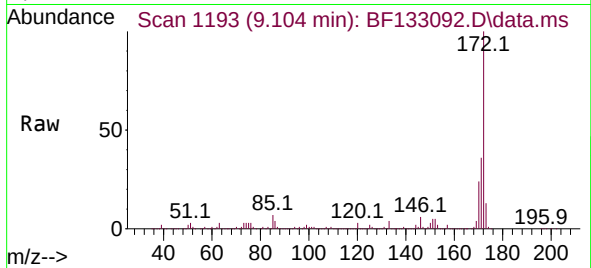
Tgt Ion:196 Resp: 390781
Ion Ratio Lower Upper
196 100
198 100.3 80.9 121.3
97 50.8 41.3 61.9
132 32.1 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 70.662 ng
RT: 9.104 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

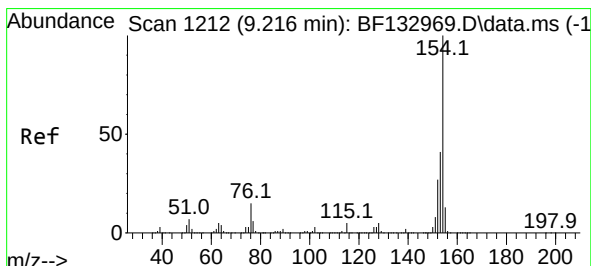
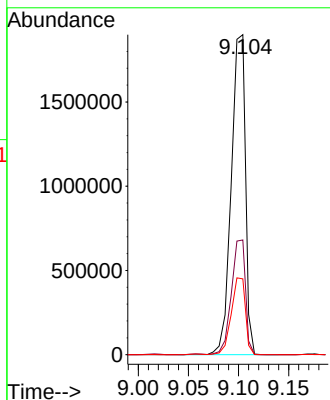
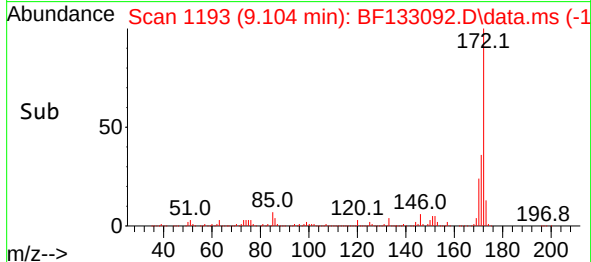
Instrument :
BNA_F
ClientSampleId :
PB152384BS



Tgt Ion:172 Resp: 1873680
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.7 19.4 29.2

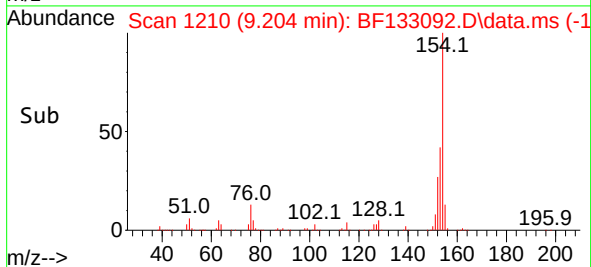
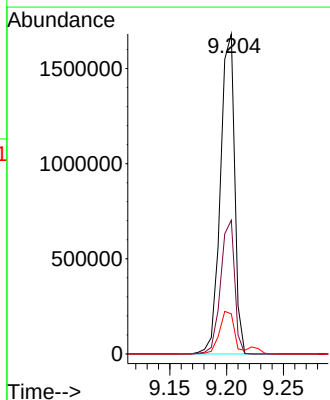
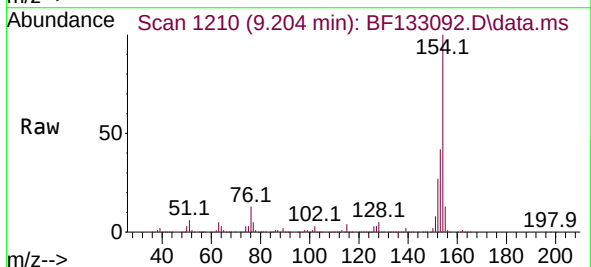
Manual Integrations
APPROVED

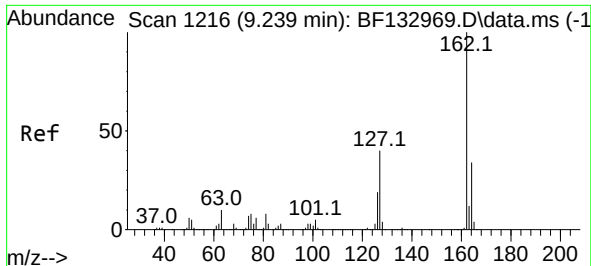
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#46
1,1'-Biphenyl
Concen: 41.802 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:154 Resp: 1470476
Ion Ratio Lower Upper
154 100
153 41.8 21.0 61.0
76 12.5 0.0 34.5





#47

2-Chloronaphthalene

Concen: 42.892 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

Tgt Ion:162 Resp: 110433

Ion Ratio Lower Upper

162 100

127 41.3 32.3 48.5

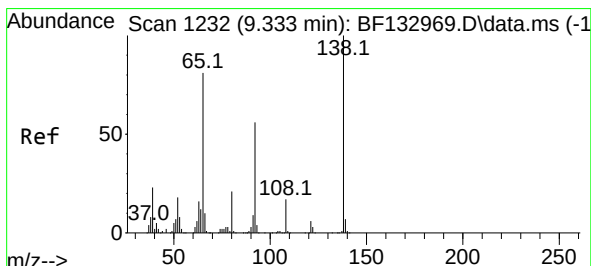
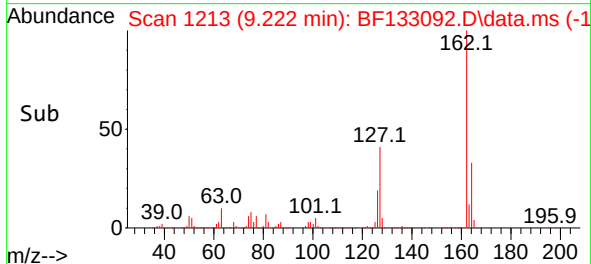
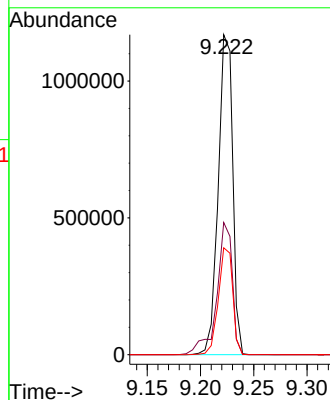
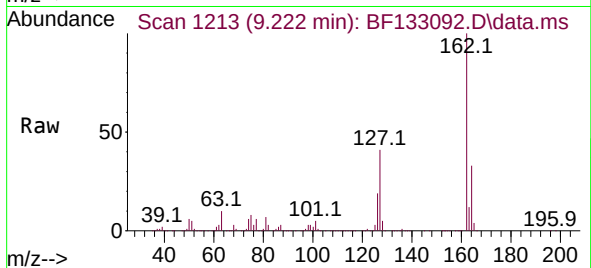
164 33.4 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#48

2-Nitroaniline

Concen: 40.860 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

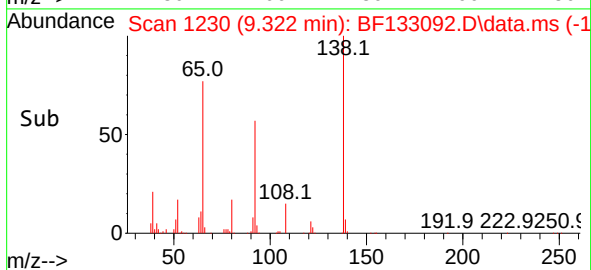
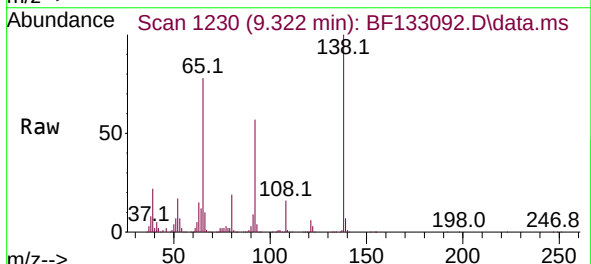
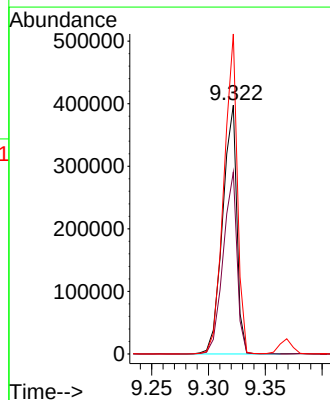
Tgt Ion: 65 Resp: 347691

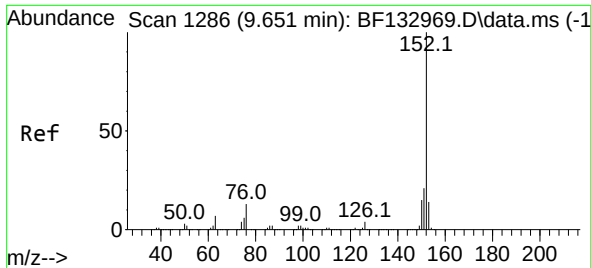
Ion Ratio Lower Upper

65 100

92 73.1 55.4 83.0

138 128.6 98.2 147.2





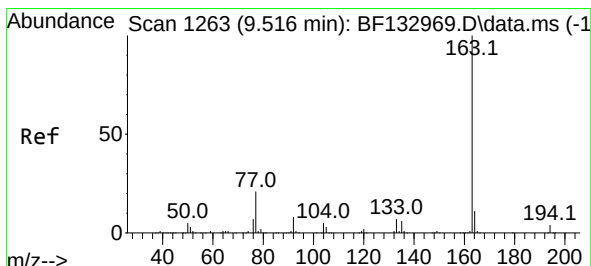
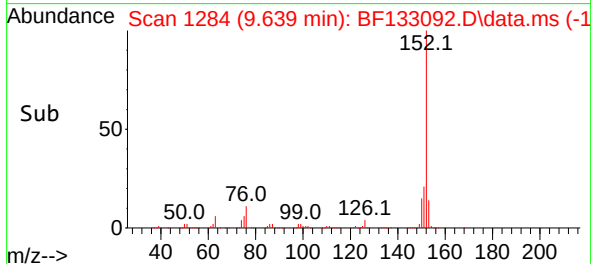
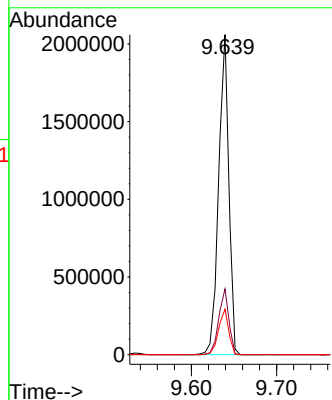
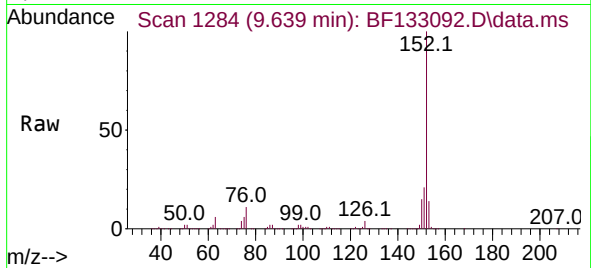
#49
Acenaphthylene
Concen: 41.525 ng
RT: 9.639 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB152384BS

Tgt Ion:152 Resp: 1708354
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8
153 14.2 11.5 17.3

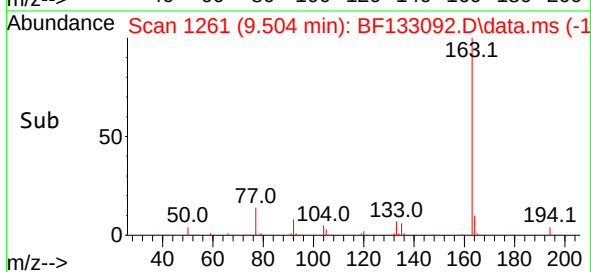
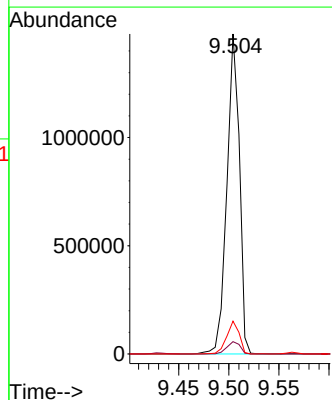
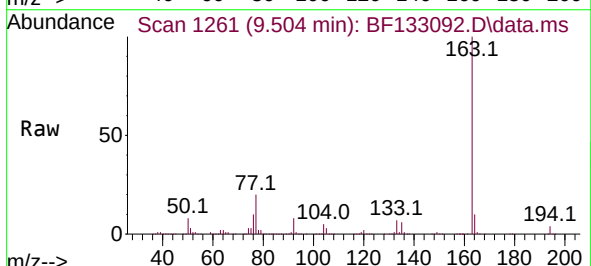
Manual Integrations
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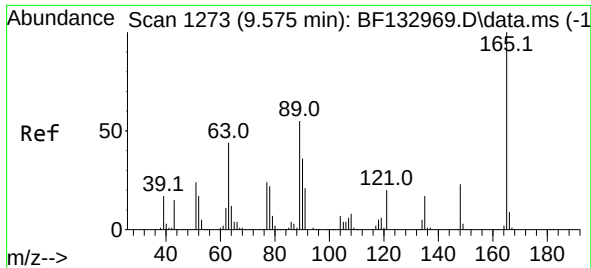
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#50
Dimethylphthalate
Concen: 41.428 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:163 Resp: 1281480
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 44.342 ng
RT: 9.563 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

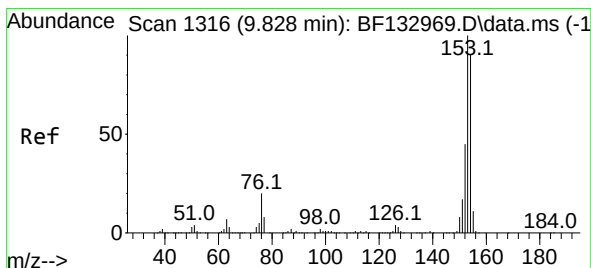
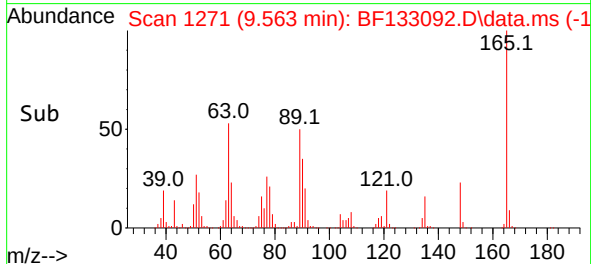
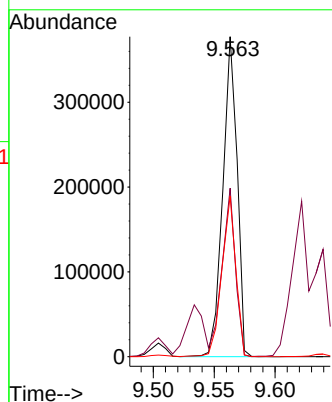
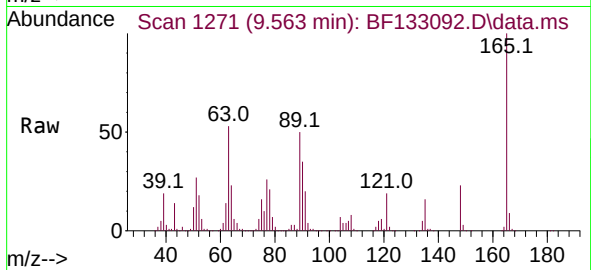
PB152384BS

Tgt Ion:165 Resp: 308715
Ion Ratio Lower Upper
165 100
63 52.6 45.9 68.9
89 50.2 44.0 66.0

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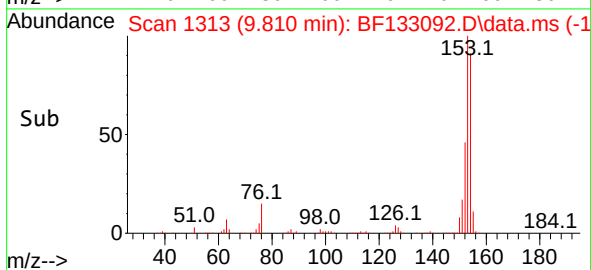
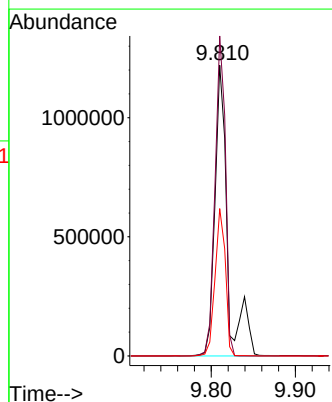
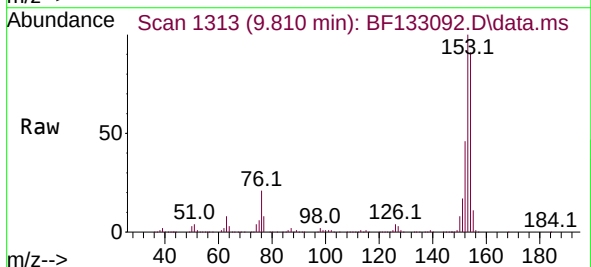
APPROVED

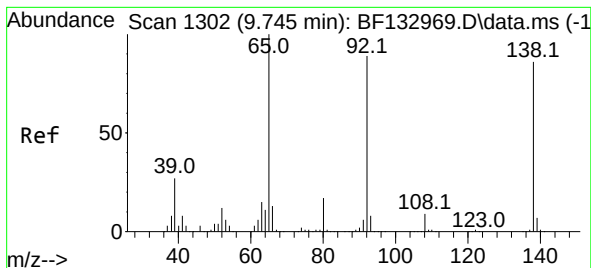
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#52
Acenaphthene
Concen: 45.884 ng m
RT: 9.810 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:154 Resp: 1264266
Ion Ratio Lower Upper
154 100
153 110.1 89.0 133.6
152 50.7 40.4 60.6





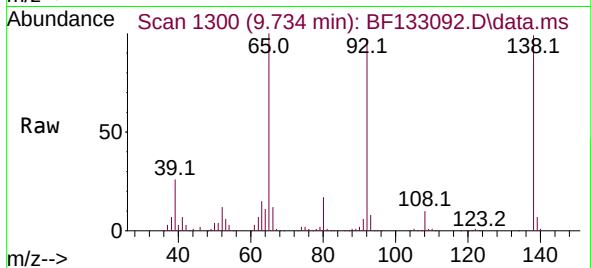
#53
3-Nitroaniline
Concen: 30.460 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

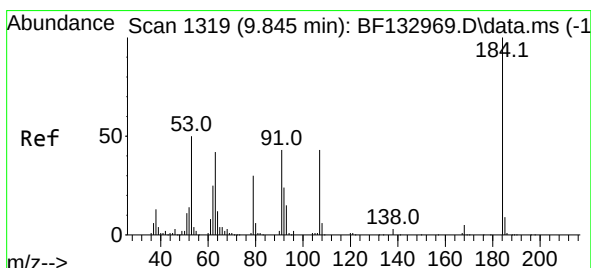
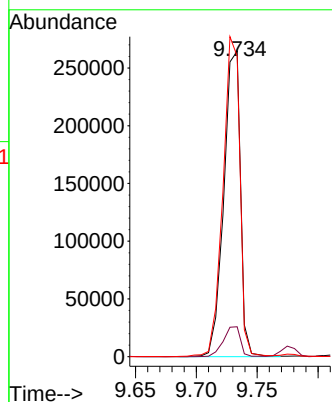
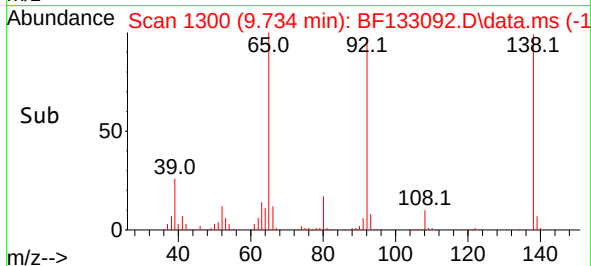


Tgt Ion:138 Resp: 25215
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 98.4 83.6 125.4

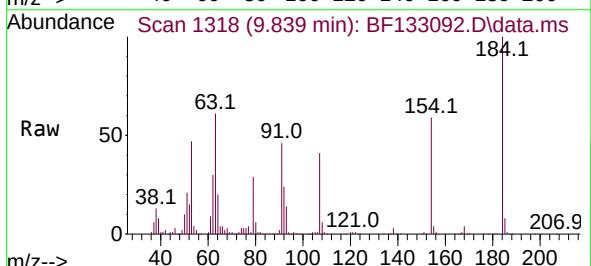
Manual Integrations

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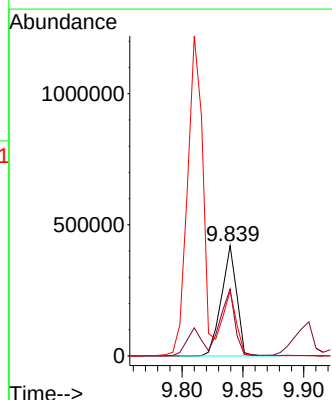
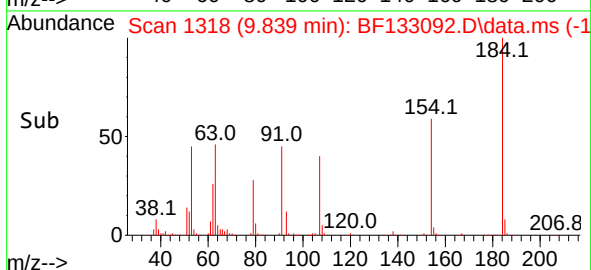
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

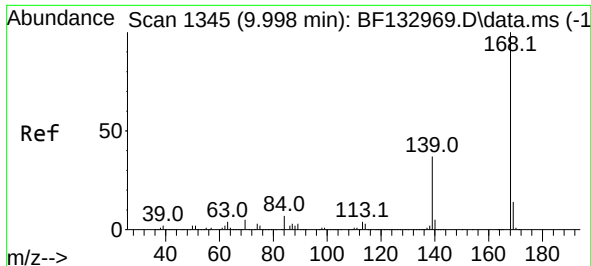


#54
2,4-Dinitrophenol
Concen: 105.835 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14



Tgt Ion:184 Resp: 370370
Ion Ratio Lower Upper
184 100
63 60.8 49.8 74.8
154 59.1 49.5 74.3





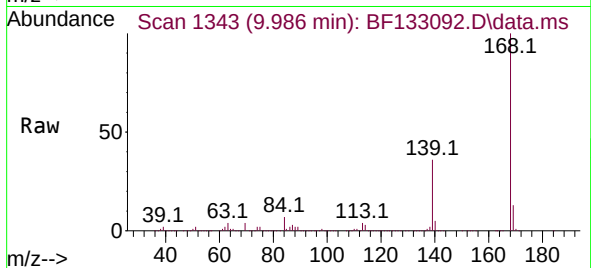
#55
Dibenzenofuran
Concen: 40.820 ng
RT: 9.986 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

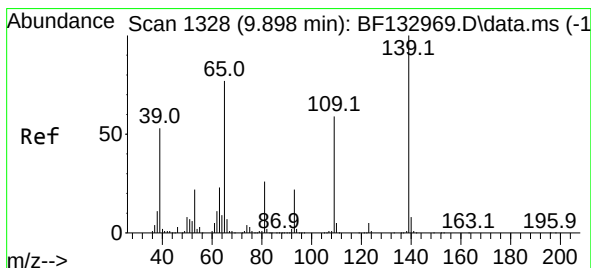
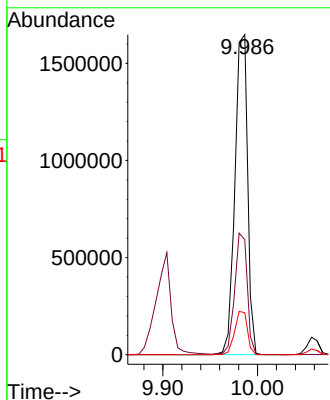
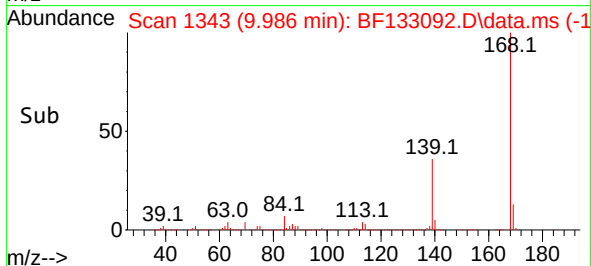


Tgt Ion:168 Resp: 153424
Ion Ratio Lower Upper
168 100
139 36.0 29.8 44.8
169 13.1 10.8 16.2

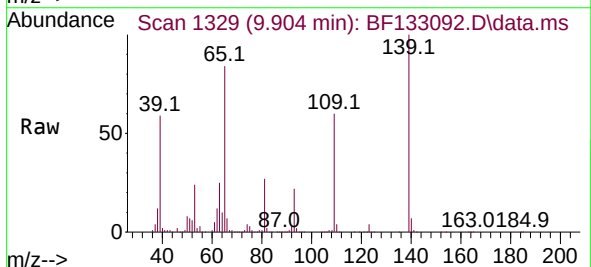
Manual Integrations

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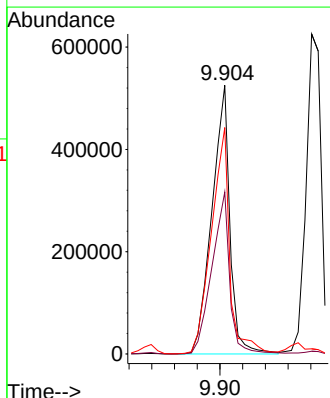
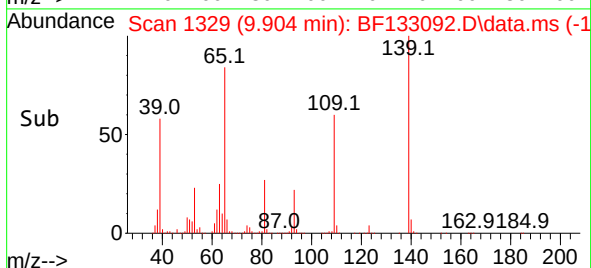
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

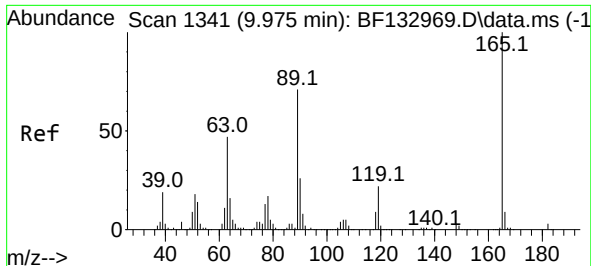


#56
4-Nitrophenol
Concen: 90.393 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.012 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14



Tgt Ion:139 Resp: 579557
Ion Ratio Lower Upper
139 100
109 60.3 39.4 79.4
65 84.3 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 45.647 ng

RT: 9.969 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

Tgt Ion:165 Resp: 405280

Ion Ratio Lower Upper

165 100

63 40.6 37.7 56.5

89 62.6 57.0 85.4

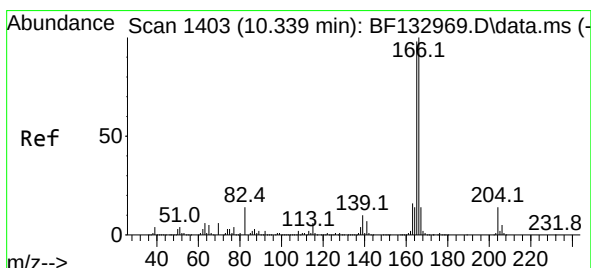
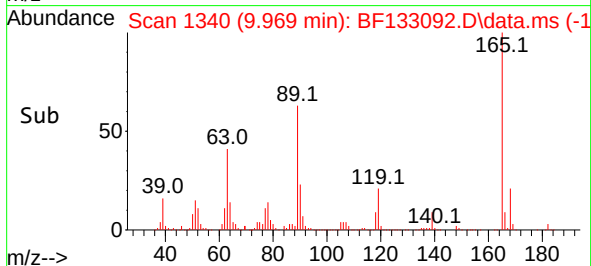
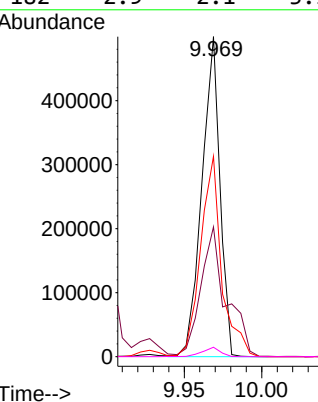
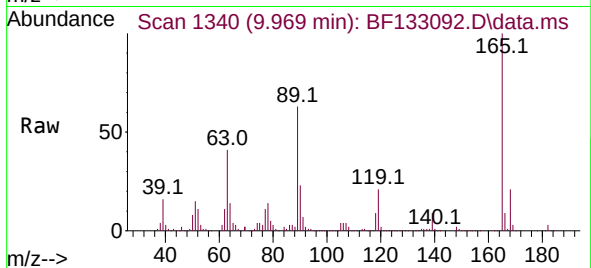
182 2.9 2.1 3.1

Manual Integrations

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Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#58

Fluorene

Concen: 41.434 ng

RT: 10.328 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

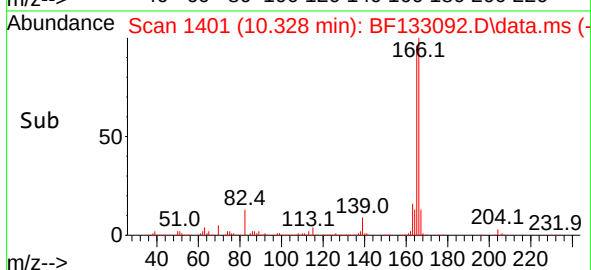
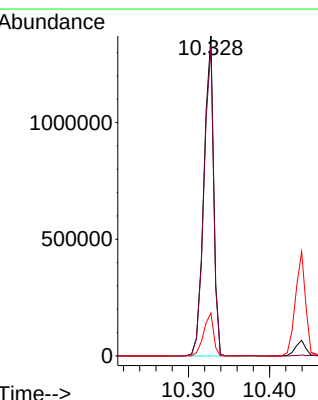
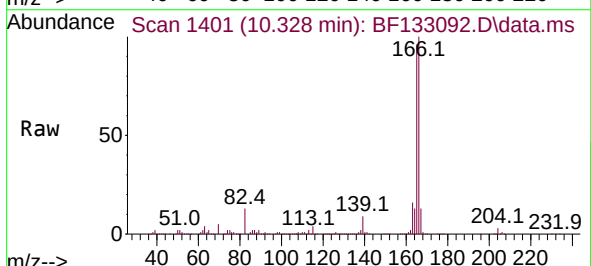
Tgt Ion:166 Resp: 1140967

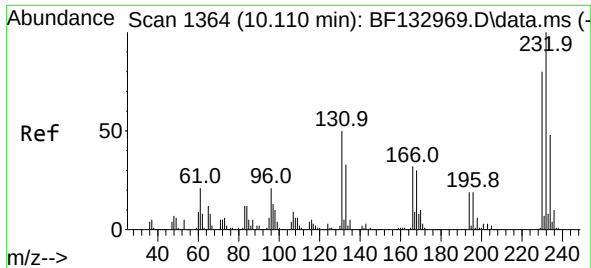
Ion Ratio Lower Upper

166 100

165 96.5 78.6 117.8

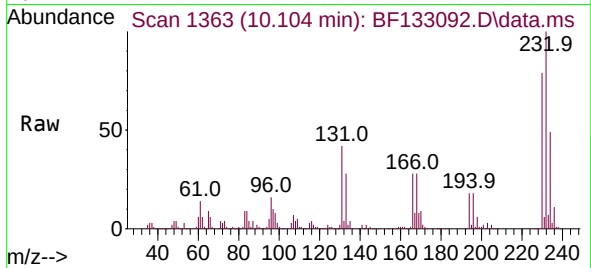
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.764 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

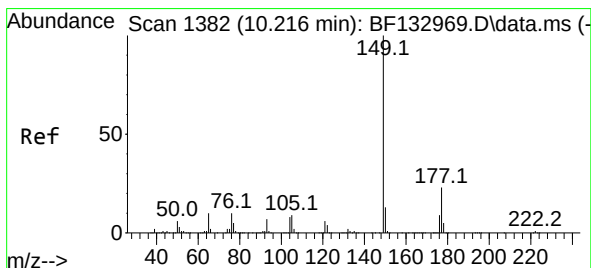
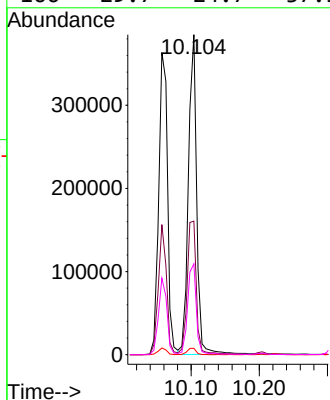
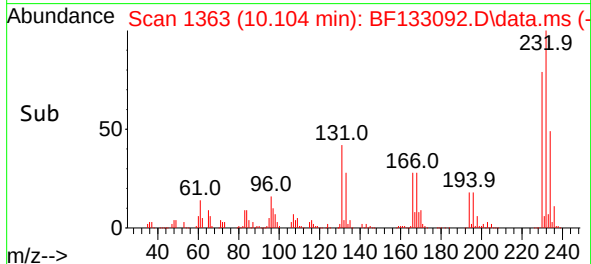
Instrument :
BNA_F
ClientSampleId :
PB152384BS



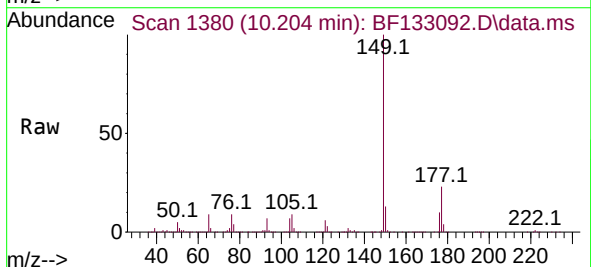
Tgt Ion:232 Resp: 323672
Ion Ratio Lower Upper
232 100
131 46.7 38.0 57.0
130 2.2 1.8 2.8
166 29.7 24.7 37.1

Manual Integrations
APPROVED

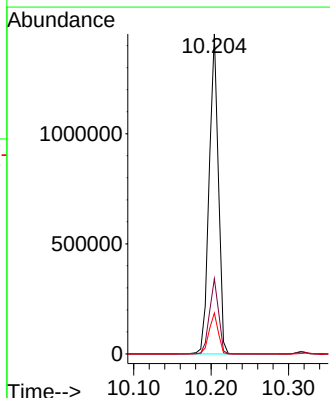
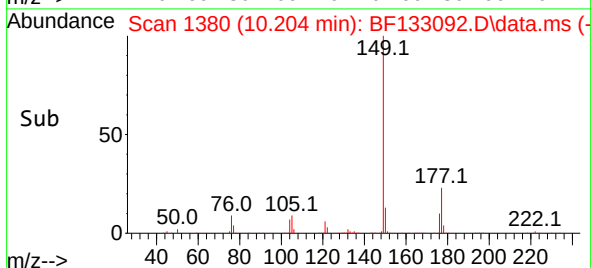
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

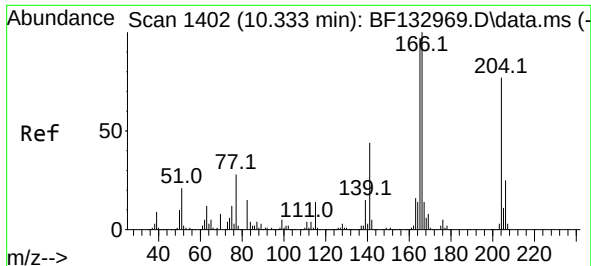


#60
Diethylphthalate
Concen: 40.973 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14



Tgt Ion:149 Resp: 1197139
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.4
150 12.8 10.2 15.4





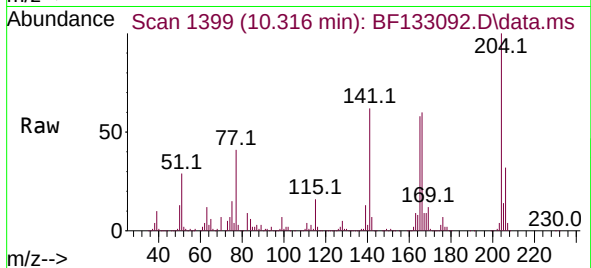
#61
4-Chlorophenyl-phenylether
Concen: 41.041 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

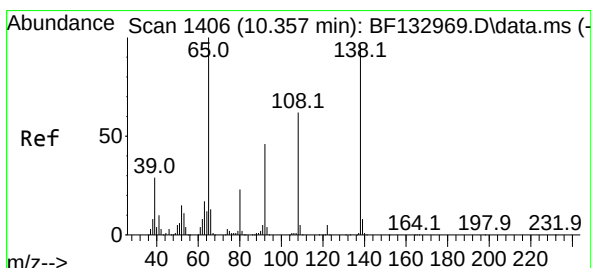
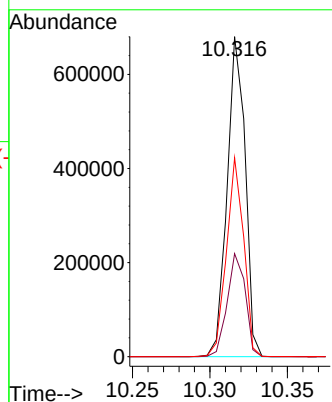
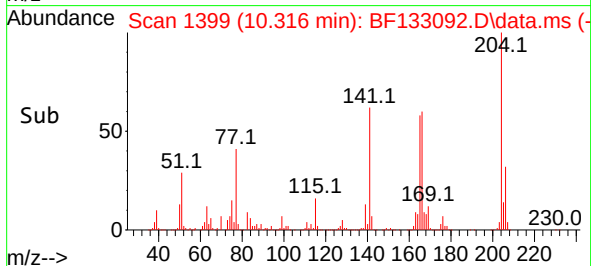


Tgt Ion:204 Resp: 550744
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 62.1 46.1 69.1

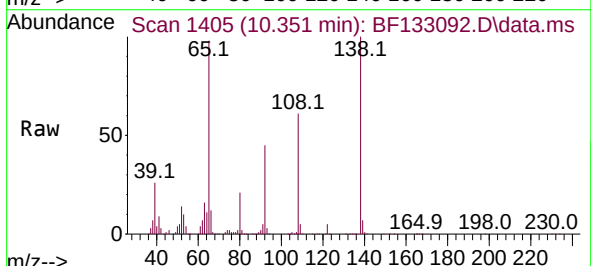
Manual Integrations

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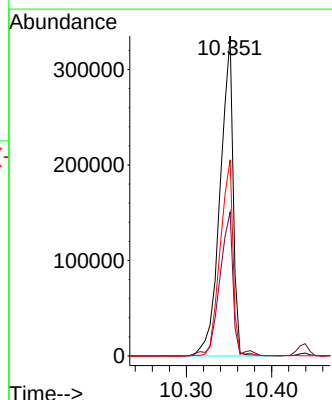
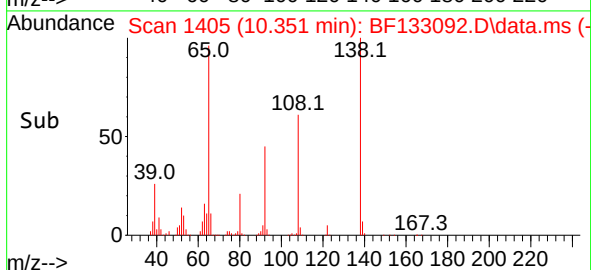
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

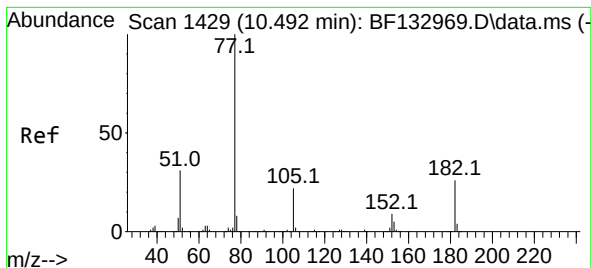


#62
4-Nitroaniline
Concen: 46.622 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14



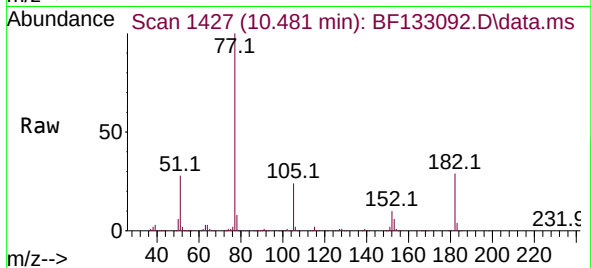
Tgt Ion:138 Resp: 354721
Ion Ratio Lower Upper
138 100
92 45.0 27.7 67.7
108 61.3 45.2 85.2





#63
Azobenzene
Concen: 38.964 ng
RT: 10.481 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

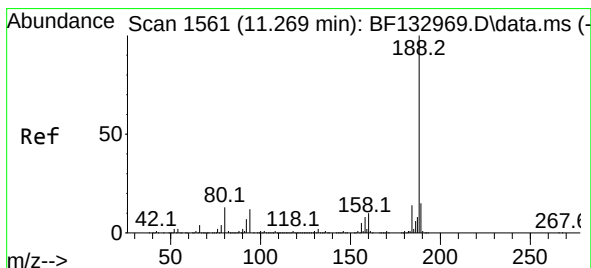
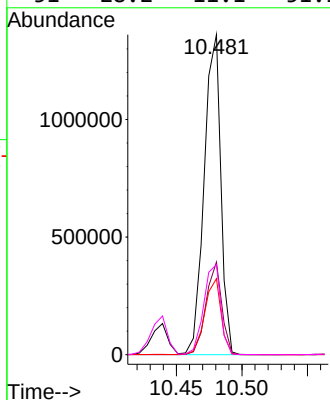
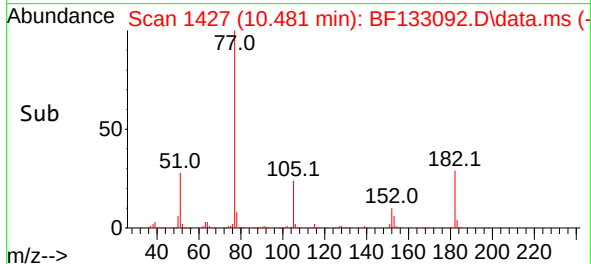
Instrument :
BNA_F
ClientSampleId :
PB152384BS



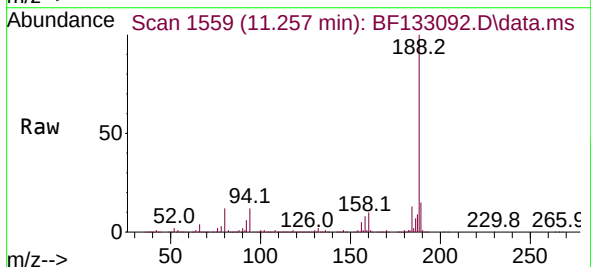
Tgt Ion: 77 Resp: 120599
Ion Ratio Lower Upper
77 100
182 29.0 5.9 45.9
105 23.8 2.3 42.3
51 28.2 11.1 51.1

Manual Integrations
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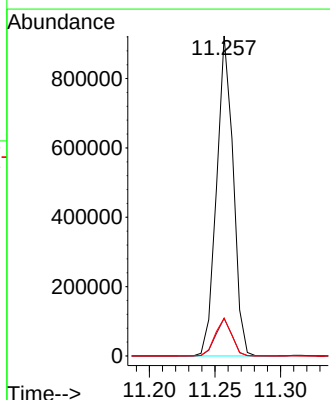
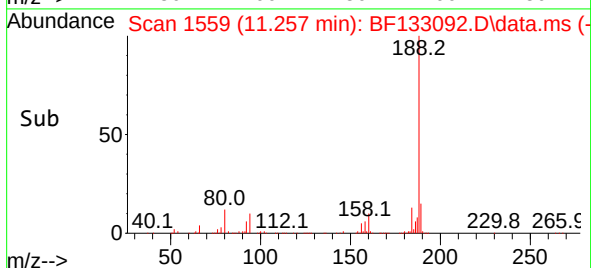
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

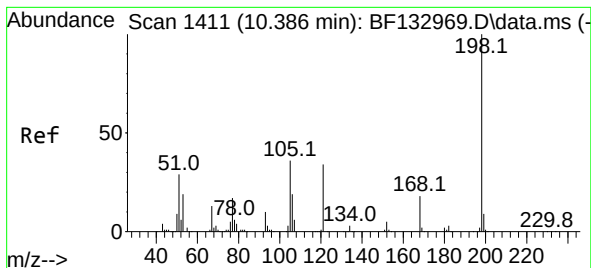


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14



Tgt Ion:188 Resp: 808689
Ion Ratio Lower Upper
188 100
94 11.7 9.7 14.5
80 11.8 10.4 15.6





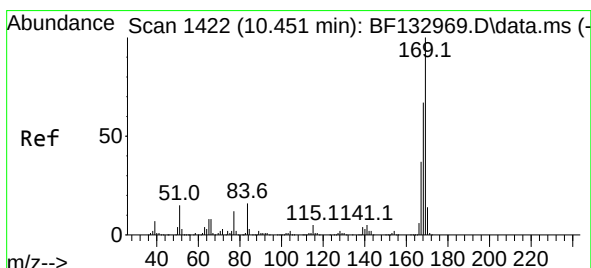
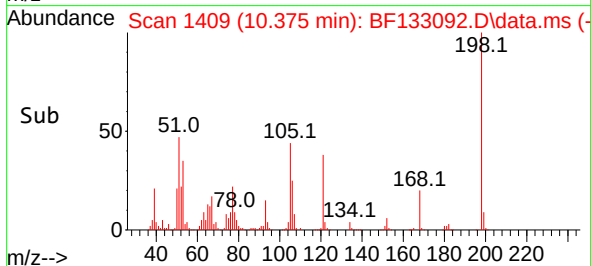
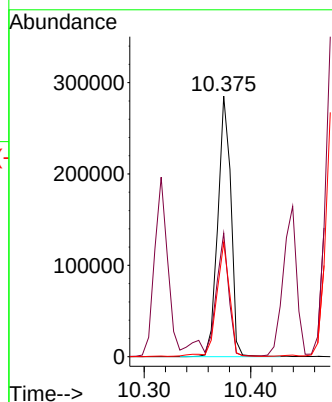
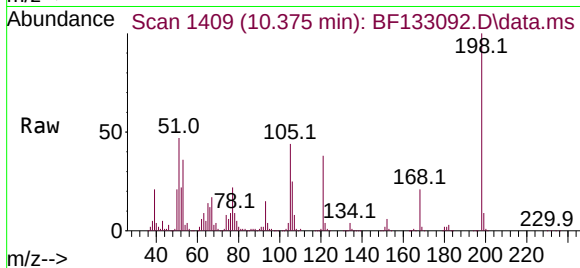
#65
4,6-Dinitro-2-methylphenol
Concen: 49.350 ng
RT: 10.375 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB152384BS

Tgt Ion:198 Resp: 241897
Ion Ratio Lower Upper
198 100
51 47.4 15.5 55.5
105 43.8 16.7 56.7

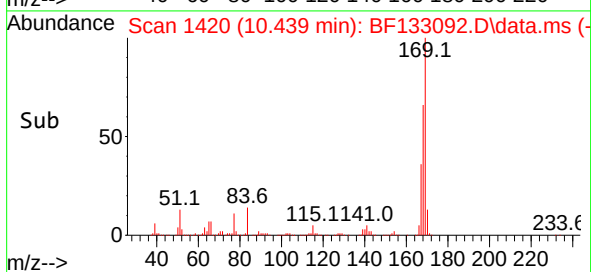
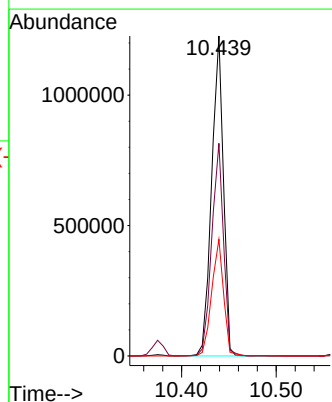
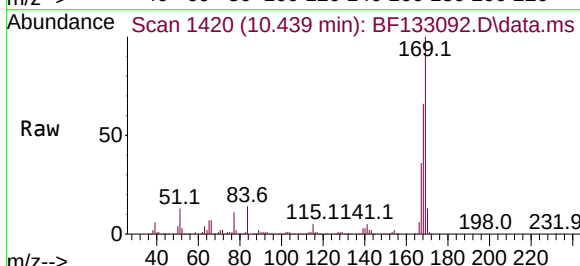
Manual Integrations
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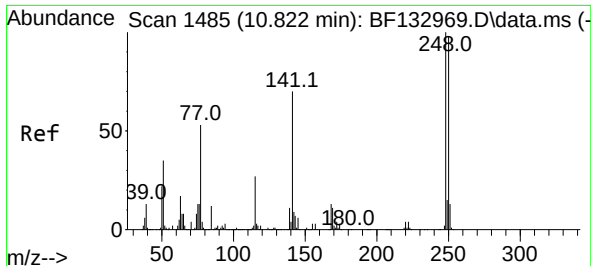
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#66
n-Nitrosodiphenylamine
Concen: 40.373 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

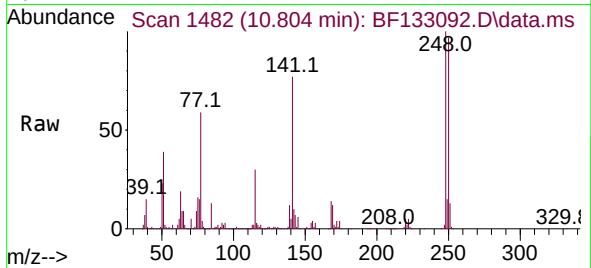
Tgt Ion:169 Resp: 1059065
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.8
167 36.5 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 40.584 ng
RT: 10.804 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

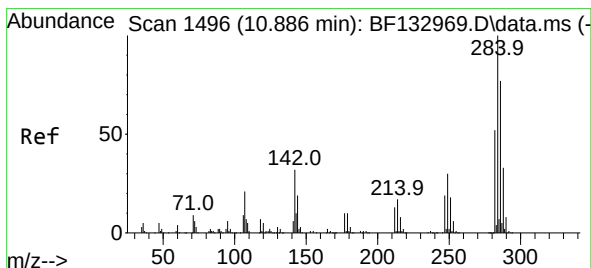
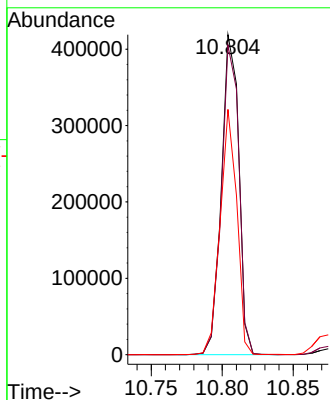
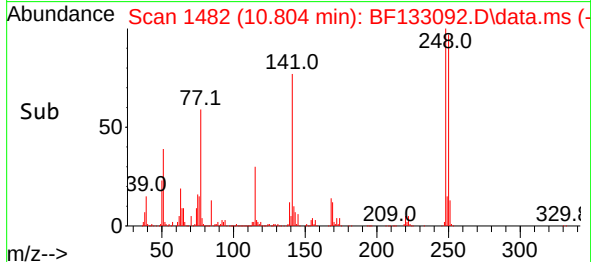
Instrument :
BNA_F
ClientSampleId :
PB152384BS



Tgt Ion:248 Resp: 355948
Ion Ratio Lower Upper
248 100
250 96.7 78.7 118.1
141 76.6 56.3 84.5

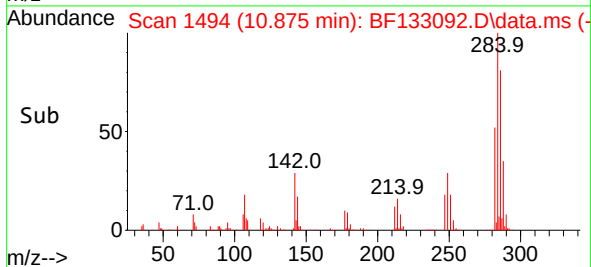
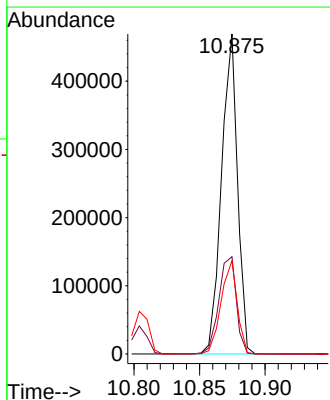
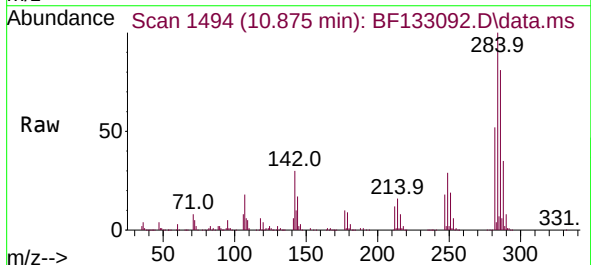
Manual Integrations
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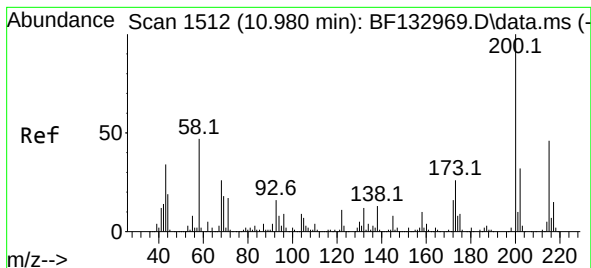
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#68
Hexachlorobenzene
Concen: 44.155 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:284 Resp: 396834
Ion Ratio Lower Upper
284 100
142 30.4 26.0 39.0
249 29.1 23.7 35.5





#69

Atrazine

Concen: 46.075 ng

RT: 10.969 min Scan# 1510

Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

Tgt Ion:200 Resp: 348260

Ion Ratio Lower Upper

200 100

173 27.6 6.2 46.2

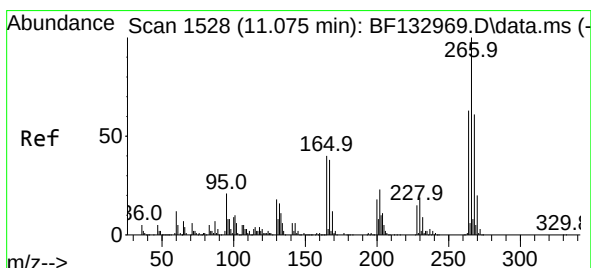
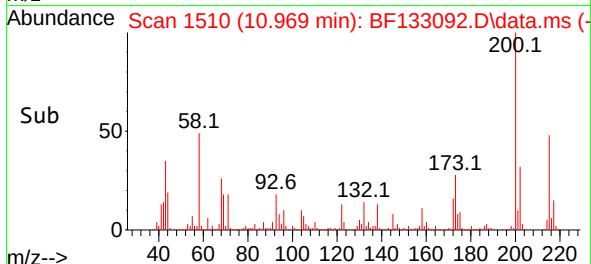
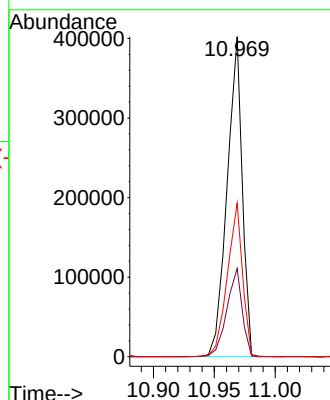
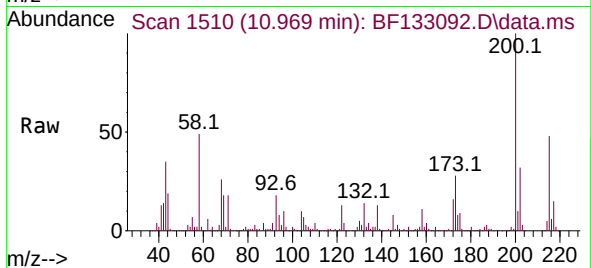
215 48.0 26.3 66.3

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Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#70

Pentachlorophenol

Concen: 76.998 ng

RT: 11.069 min Scan# 1527

Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

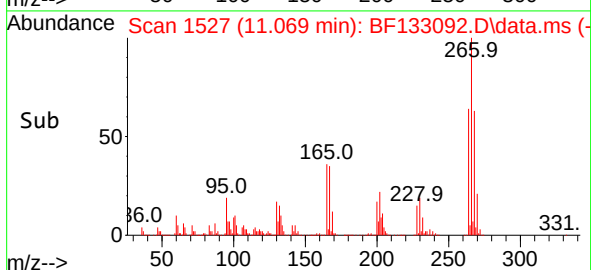
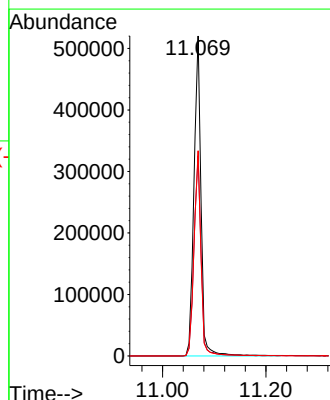
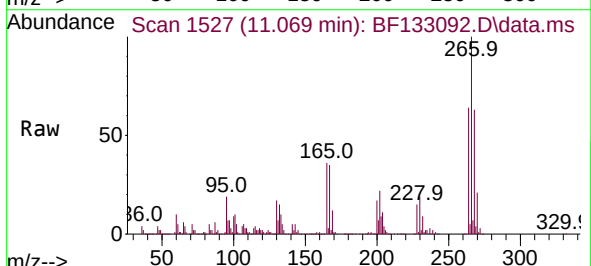
Tgt Ion:266 Resp: 492840

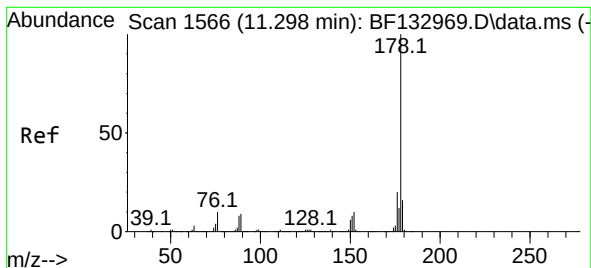
Ion Ratio Lower Upper

266 100

268 62.6 48.8 73.2

264 64.1 50.6 76.0





#71

Phenanthrene

Concen: 40.693 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

Tgt Ion:178 Resp: 176869

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

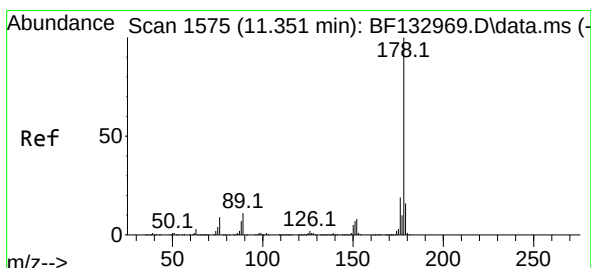
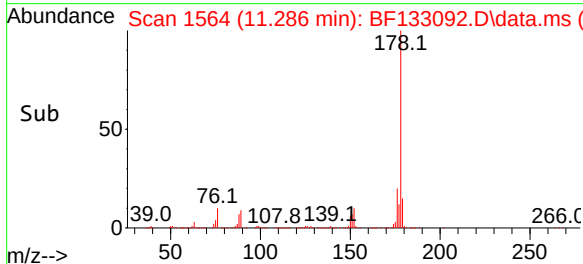
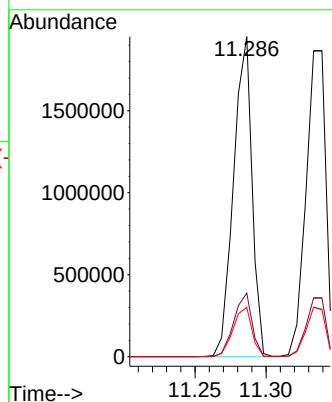
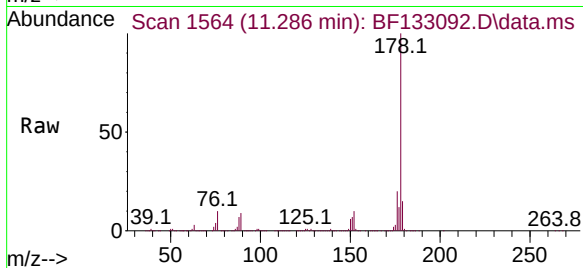
179 15.4 12.5 18.7

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Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#72

Anthracene

Concen: 40.886 ng

RT: 11.339 min Scan# 1573

Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

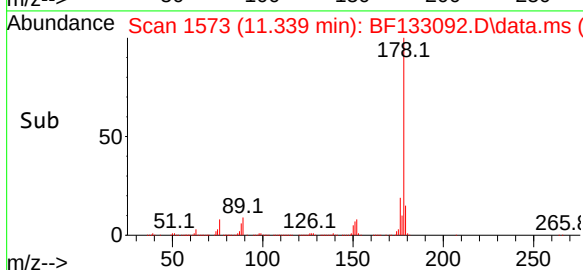
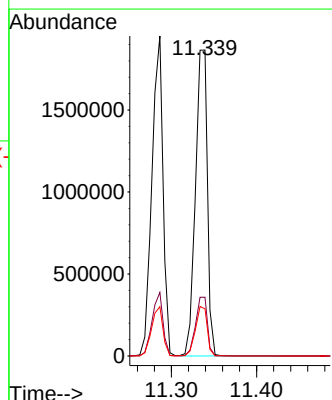
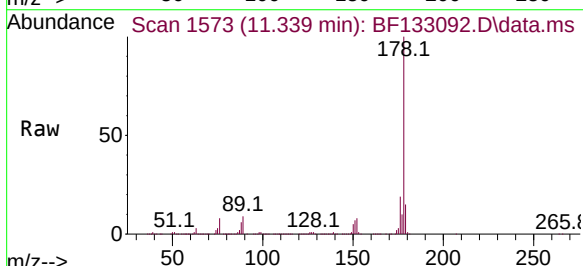
Tgt Ion:178 Resp: 1818665

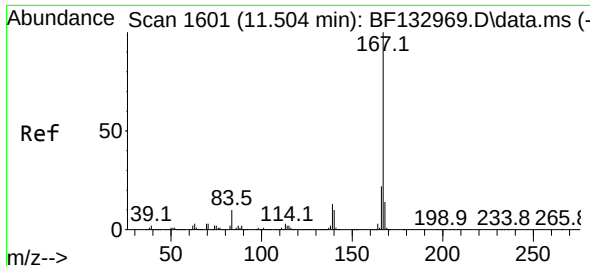
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

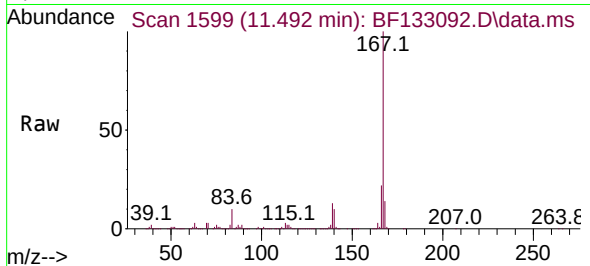
179 15.5 12.4 18.6





#73
Carbazole
Concen: 42.055 ng
RT: 11.492 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

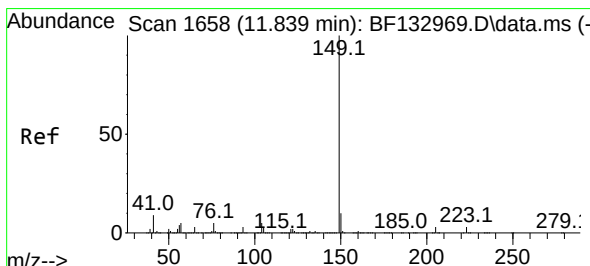
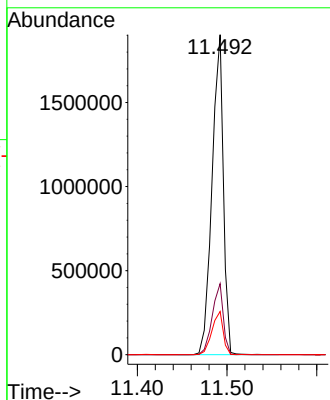
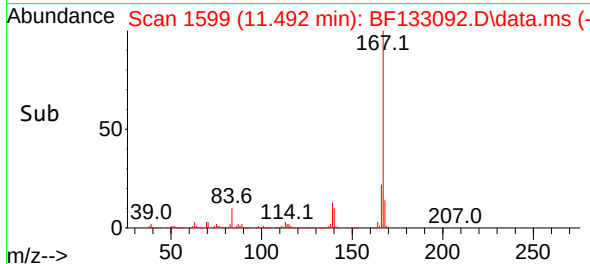
Instrument :
BNA_F
ClientSampleId :
PB152384BS



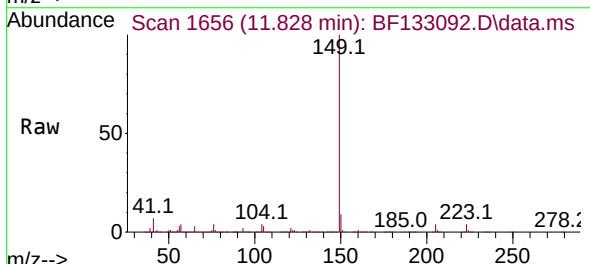
Tgt Ion:167 Resp: 166568
Ion Ratio Lower Upper
167 100
166 22.2 17.4 26.0
139 13.5 10.6 16.0

Manual Integrations
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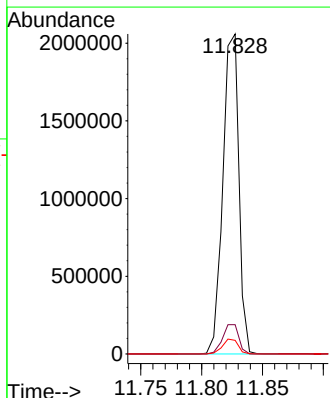
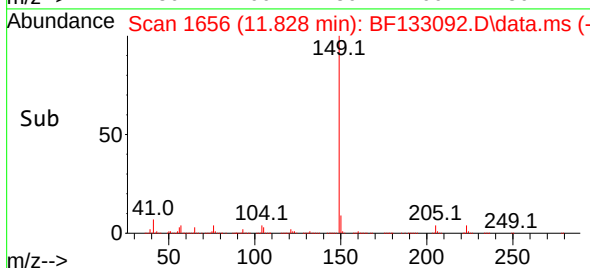
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

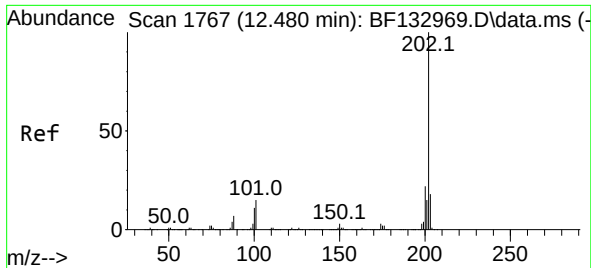


#74
Di-n-butylphthalate
Concen: 42.046 ng
RT: 11.828 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14



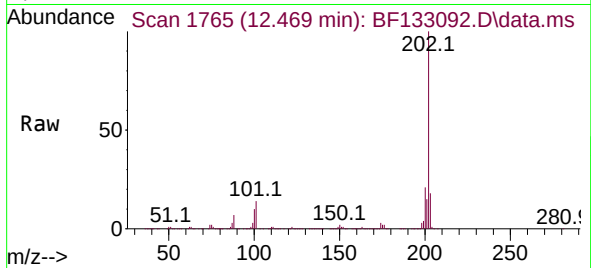
Tgt Ion:149 Resp: 1884611
Ion Ratio Lower Upper
149 100
150 9.2 7.6 11.4
104 4.2 4.0 6.0





#75
Fluoranthene
Concen: 42.654 ng
RT: 12.469 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

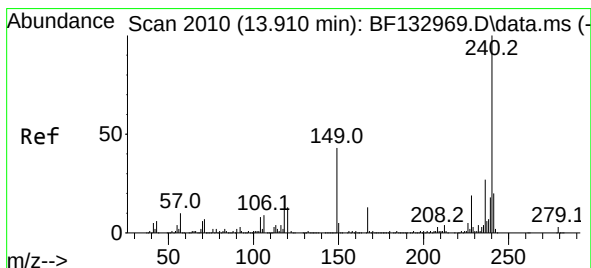
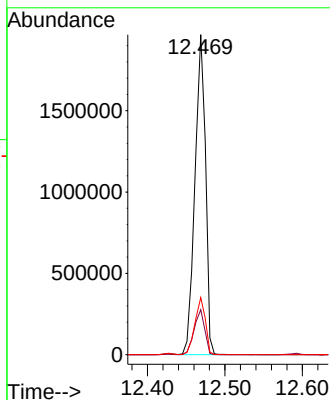
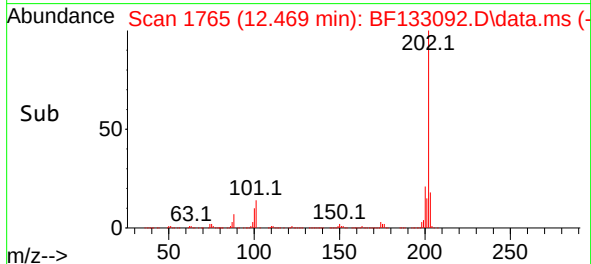
Instrument :
BNA_F
ClientSampleId :
PB152384BS



Tgt Ion:202 Resp: 1860650
Ion Ratio Lower Upper
202 100
101 14.1 0.0 35.3
203 17.8 0.0 38.1

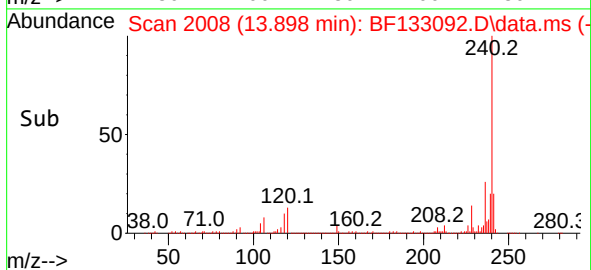
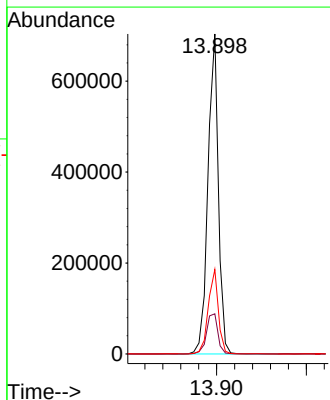
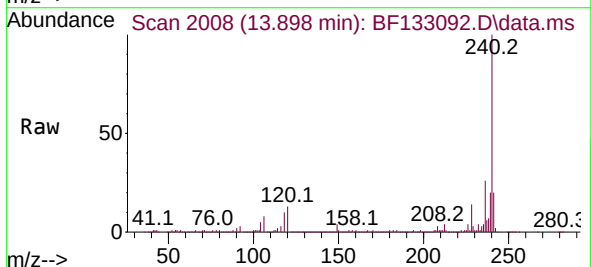
Manual Integrations
APPROVED

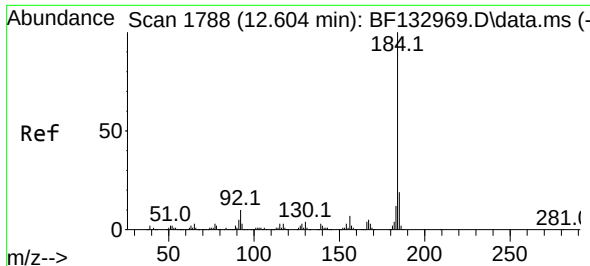
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

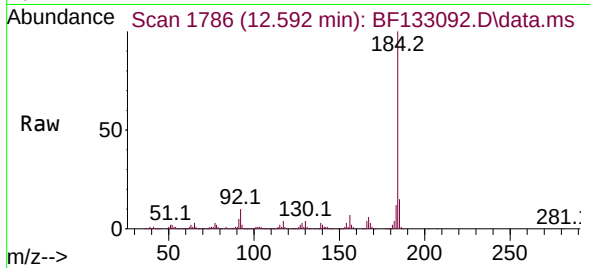
Tgt Ion:240 Resp: 565734
Ion Ratio Lower Upper
240 100
120 12.6 10.5 15.7
236 26.4 21.5 32.3





#77
Benzidine
Concen: 107.493 ng
RT: 12.592 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

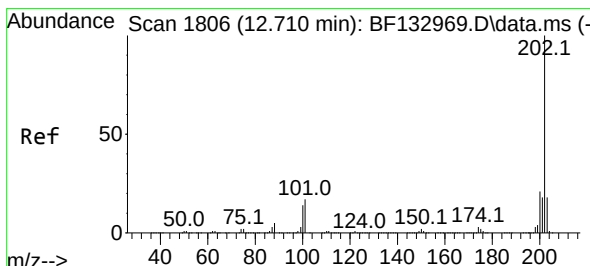
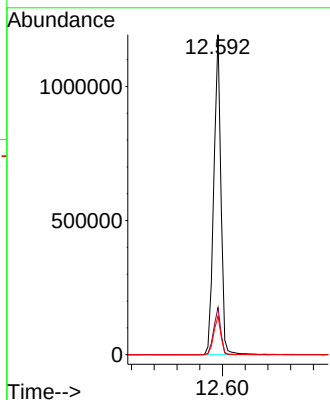
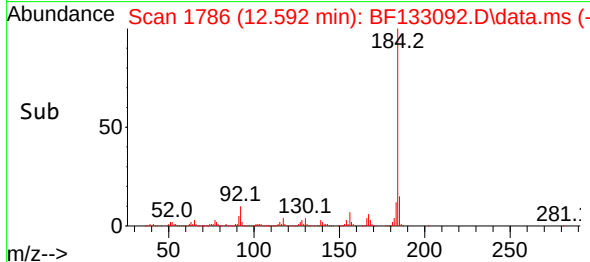
Instrument :
BNA_F
ClientSampleId :
PB152384BS



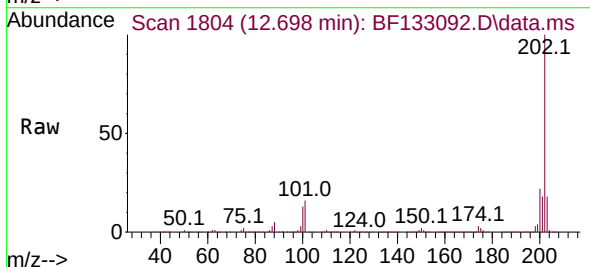
Tgt Ion:184 Resp: 1028369
Ion Ratio Lower Upper
184 100
185 14.8 15.4 23.2
183 12.1 9.4 14.0

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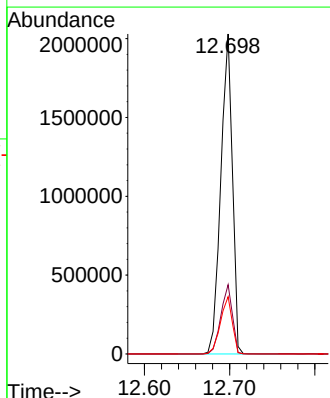
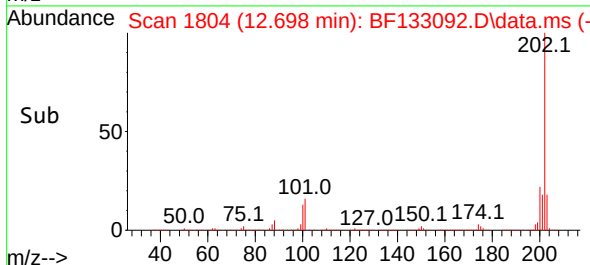
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

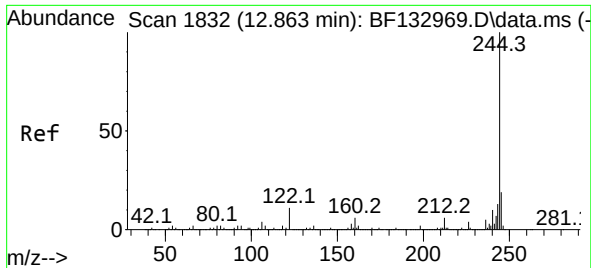


#78
Pyrene
Concen: 39.460 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14



Tgt Ion:202 Resp: 1913657
Ion Ratio Lower Upper
202 100
200 21.7 17.1 25.7
203 17.9 14.1 21.1





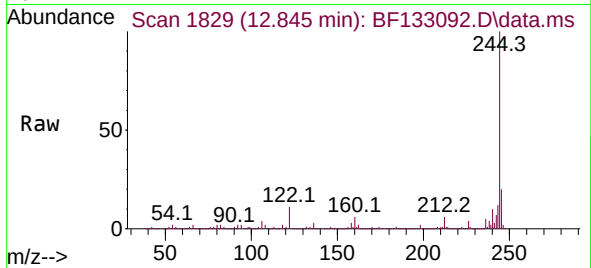
#79
 Terphenyl-d14
 Concen: 65.229 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. 0.000 min
 Lab File: BF133092.D
 Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

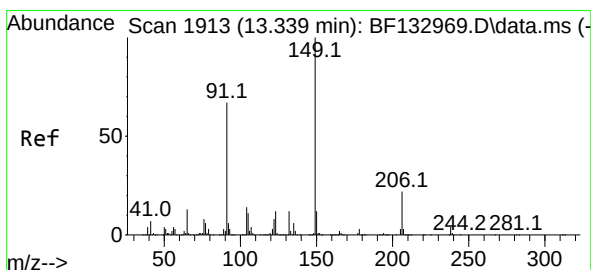
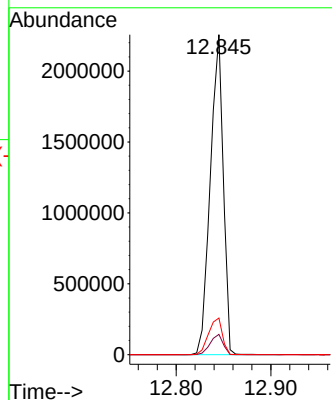
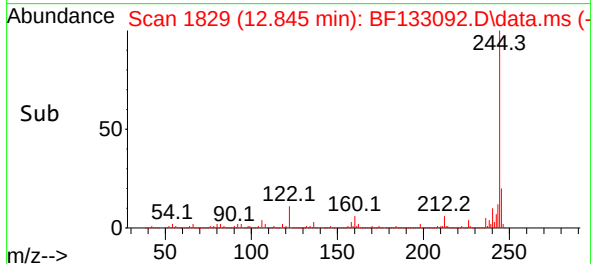


Tgt Ion:244 Resp: 213966
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.4 8.6 13.0

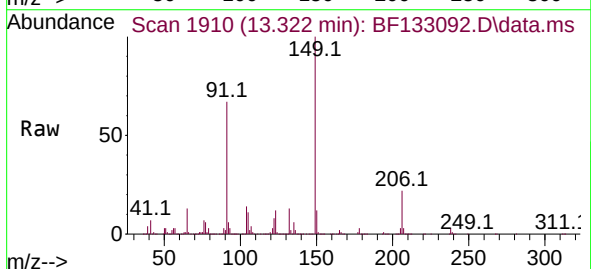
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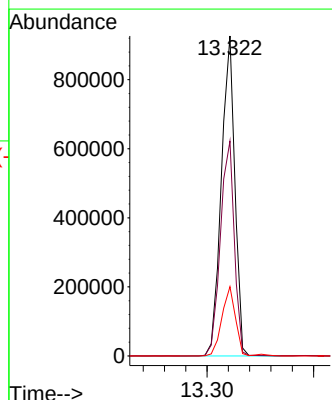
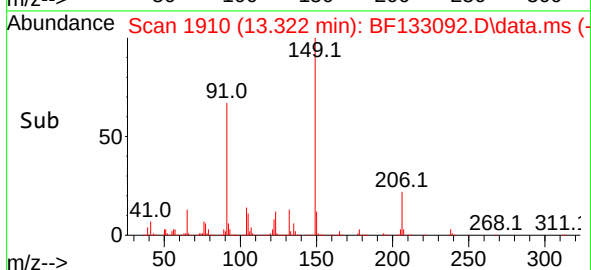
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023

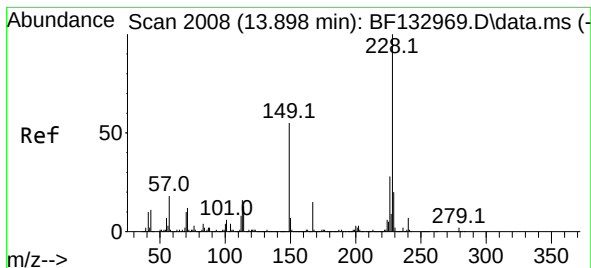


#80
 Butylbenzylphthalate
 Concen: 47.454 ng
 RT: 13.322 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: BF133092.D
 Acq: 27 Apr 2023 11:14



Tgt Ion:149 Resp: 814856
 Ion Ratio Lower Upper
 149 100
 91 67.2 53.8 80.6
 206 21.6 17.5 26.3





#81

Benzo(a)anthracene

Concen: 40.280 ng

RT: 13.886 min Scan# 2000

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

Tgt Ion:228 Resp: 1567028

Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.4

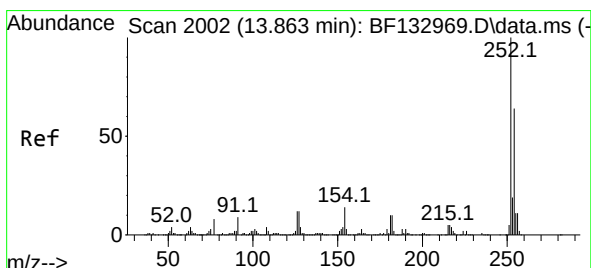
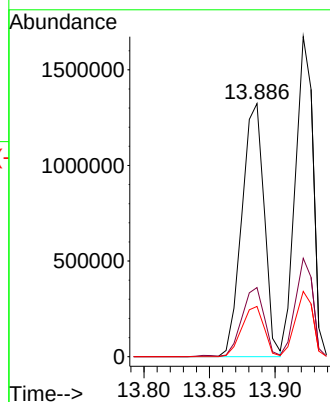
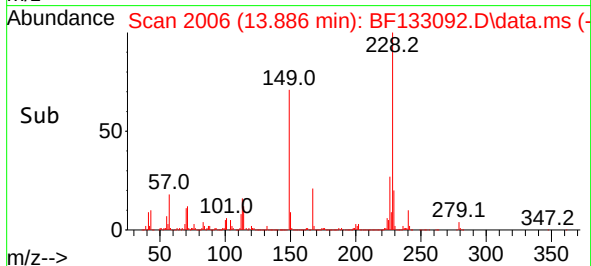
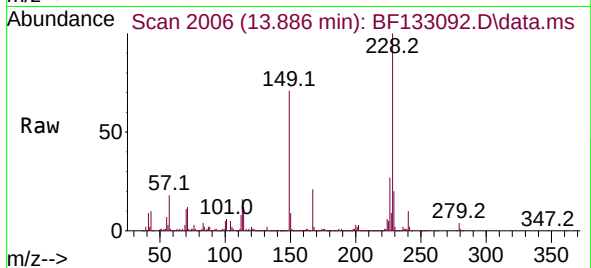
229 19.8 16.0 24.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#82

3,3'-Dichlorobenzidine

Concen: 34.600 ng

RT: 13.851 min Scan# 2000

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

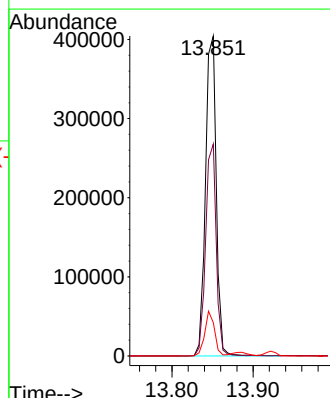
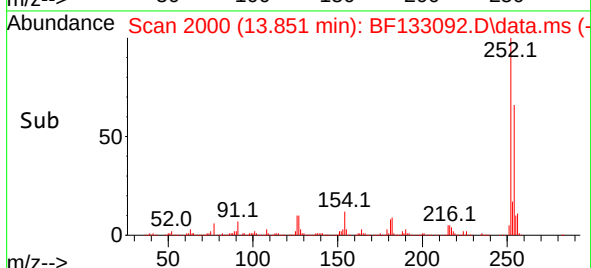
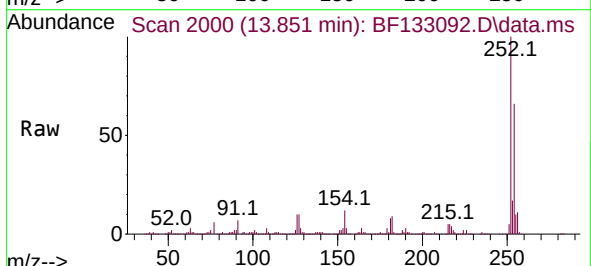
Tgt Ion:252 Resp: 371851

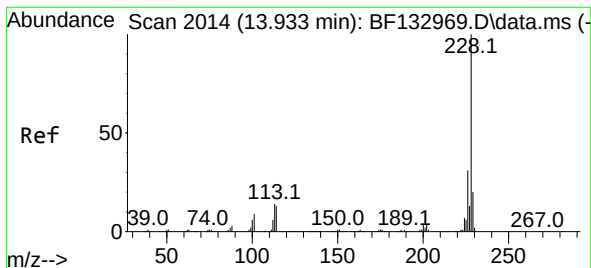
Ion Ratio Lower Upper

252 100

254 66.2 51.5 77.3

126 10.4 9.5 14.3





#83

Chrysene

Concen: 40.464 ng

RT: 13.922 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

Tgt Ion:228 Resp: 1573810

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

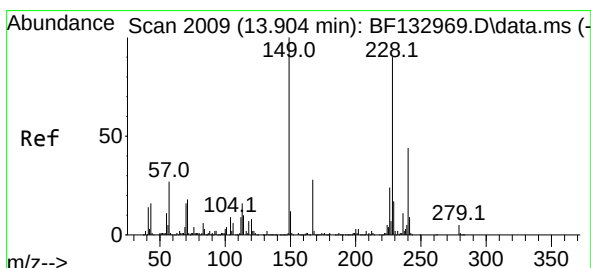
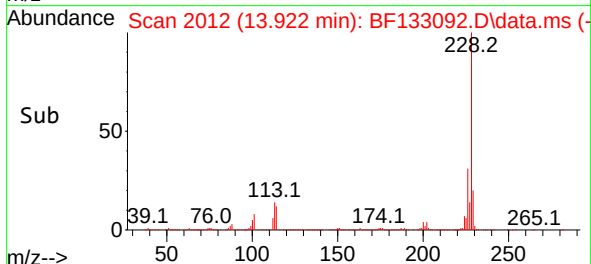
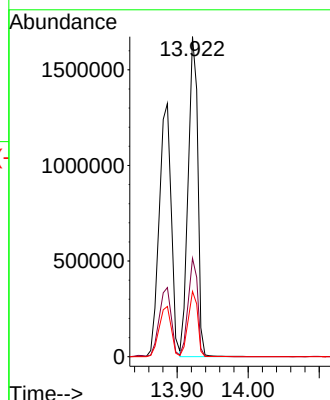
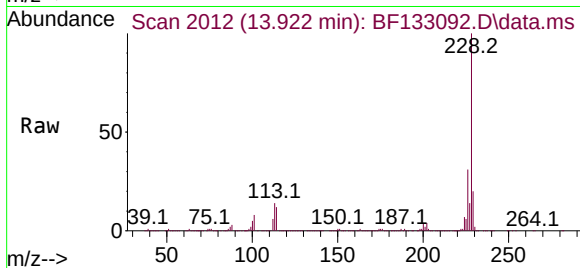
229 20.4 16.1 24.1

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Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.834 ng

RT: 13.886 min Scan# 2006

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

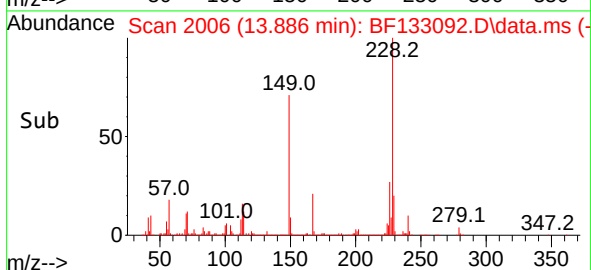
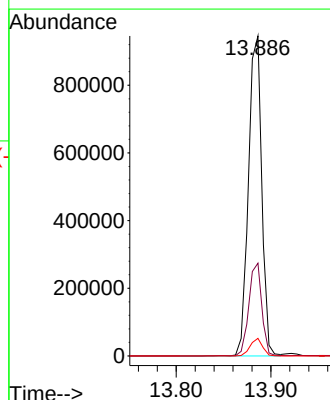
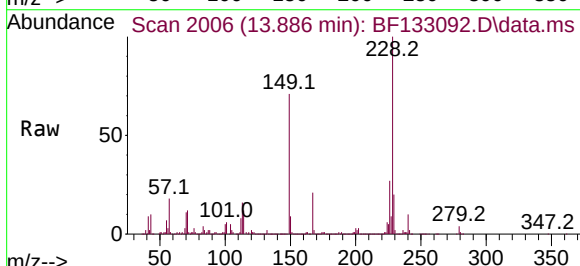
Tgt Ion:149 Resp: 923213

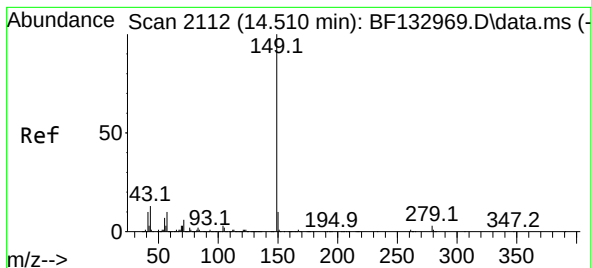
Ion Ratio Lower Upper

149 100

167 29.0 22.5 33.7

279 5.5 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 49.143 ng

RT: 14.492 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133092.D

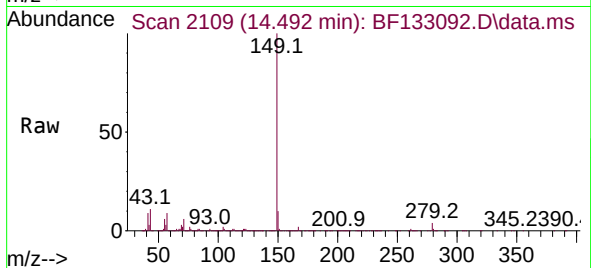
Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS



Tgt Ion:149 Resp: 1727080

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

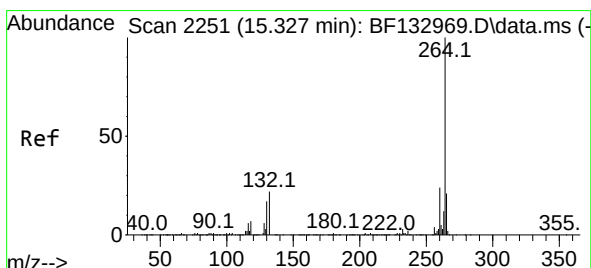
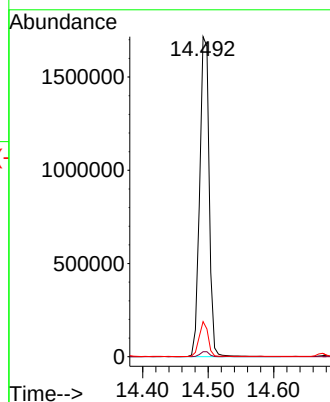
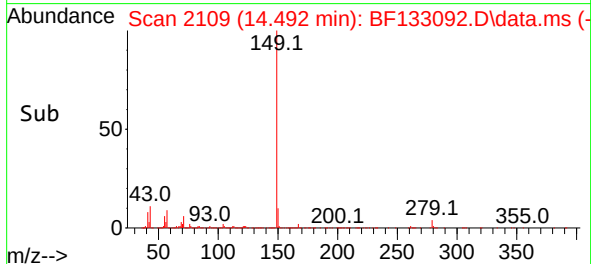
43 10.3 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.316 min Scan# 2249

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

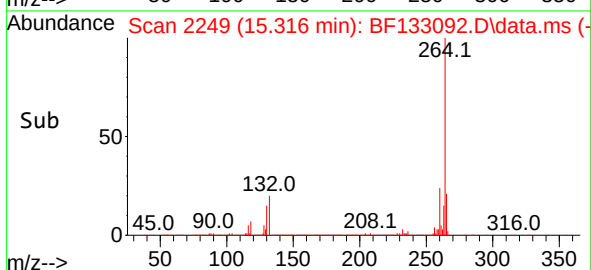
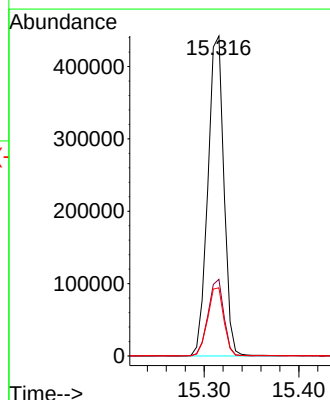
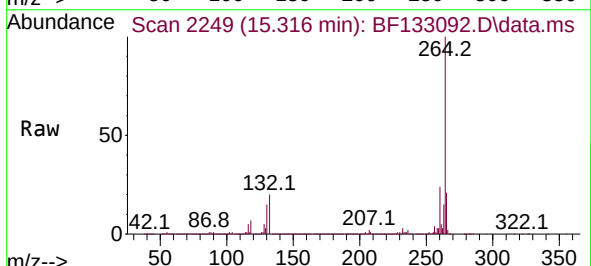
Tgt Ion:264 Resp: 518473

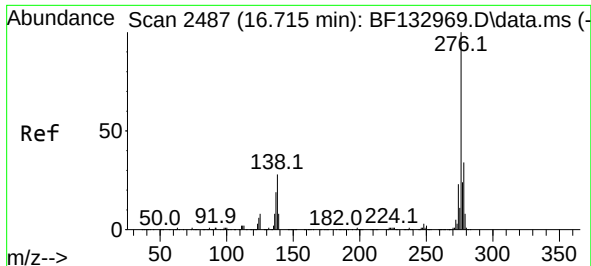
Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

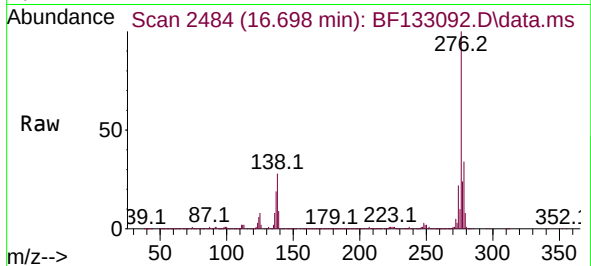
265 21.3 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.035 ng
RT: 16.698 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

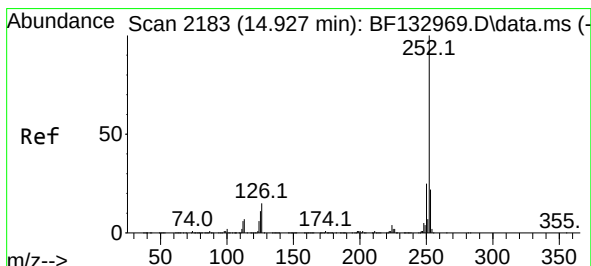
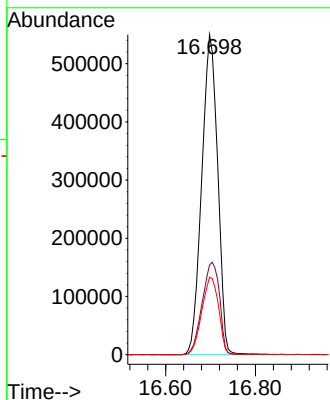
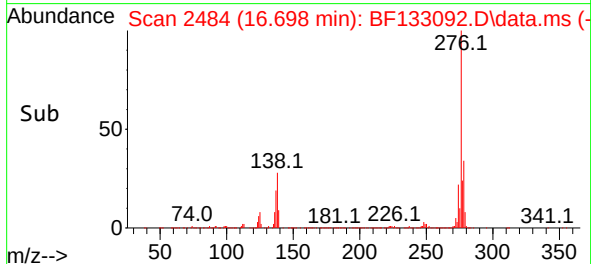
Instrument :
BNA_F
ClientSampleId :
PB152384BS



Tgt Ion:276 Resp: 135766
Ion Ratio Lower Upper
276 100
138 31.4 25.5 38.3
277 25.5 20.4 30.6

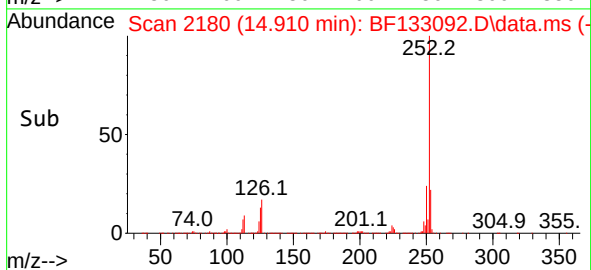
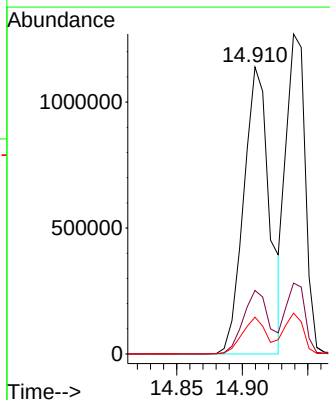
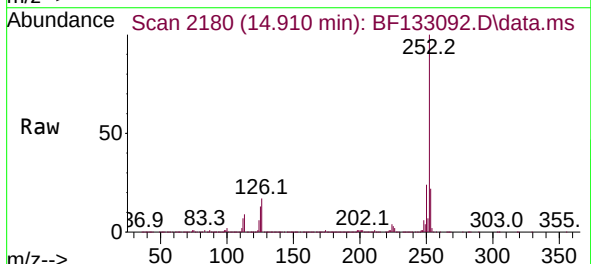
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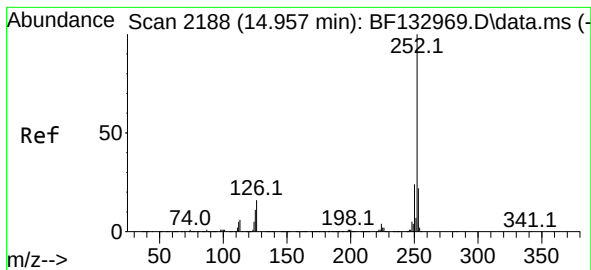
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#88
Benzo(b)fluoranthene
Concen: 47.332 ng
RT: 14.910 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:252 Resp: 1561245
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 12.8 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 39.731 ng

RT: 14.939 min Scan# 2185

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

Tgt Ion:252 Resp: 129910

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

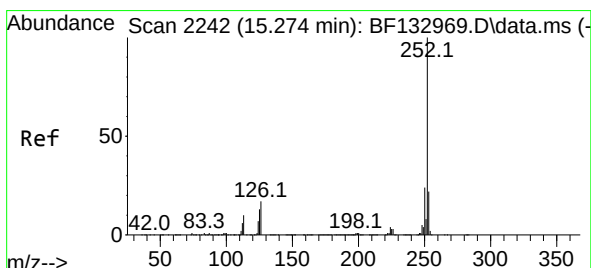
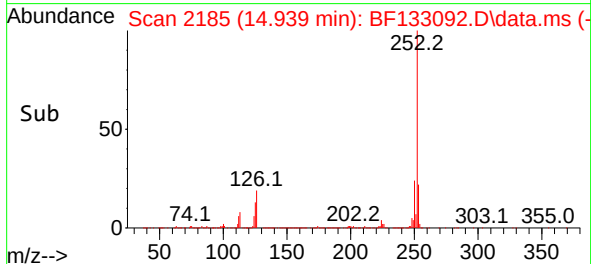
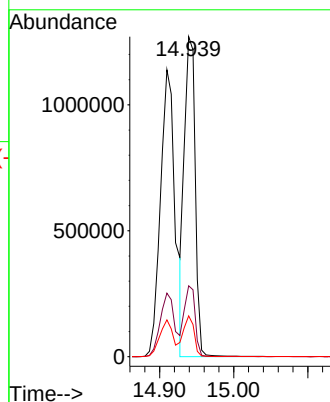
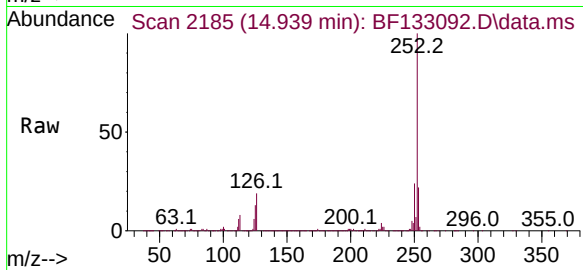
125 12.7 9.0 13.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#90

Benzo(a)pyrene

Concen: 40.379 ng

RT: 15.257 min Scan# 2239

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

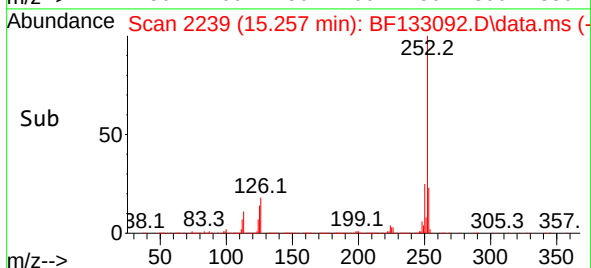
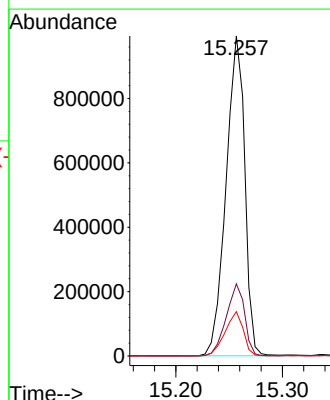
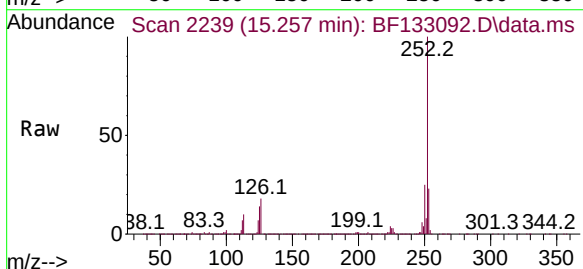
Tgt Ion:252 Resp: 1212286

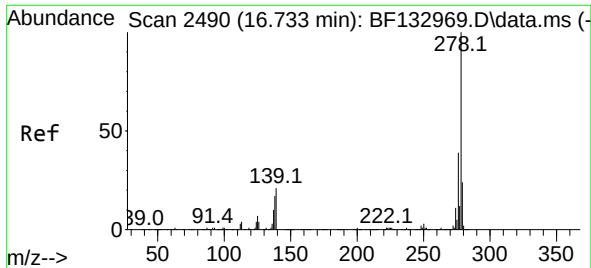
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 13.8 10.5 15.7





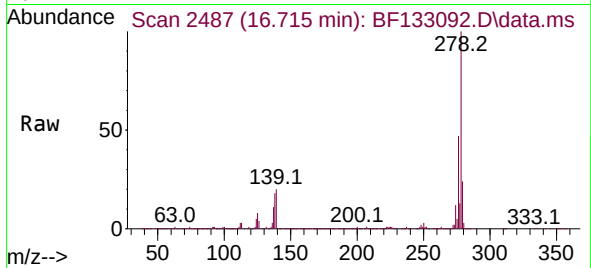
#91
Dibenzo(a,h)anthracene
Concen: 45.068 ng
RT: 16.715 min Scan# 2490
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

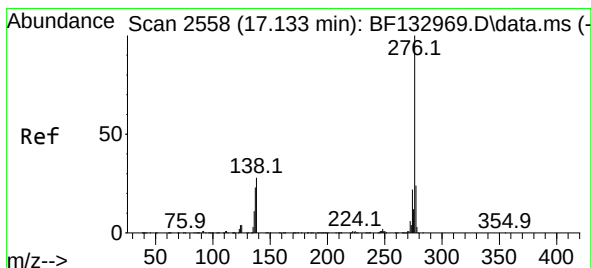
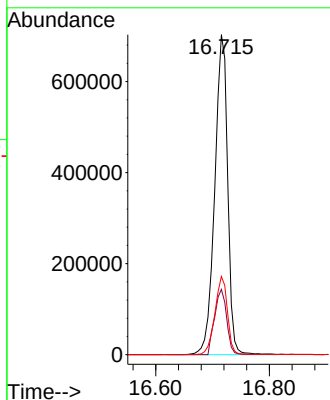
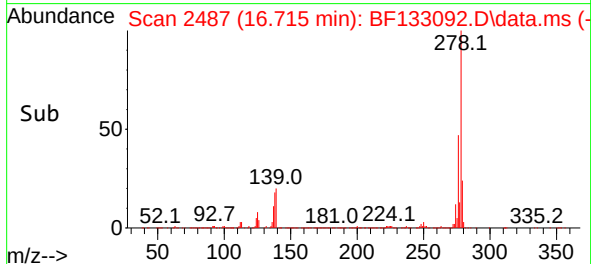
PB152384BS



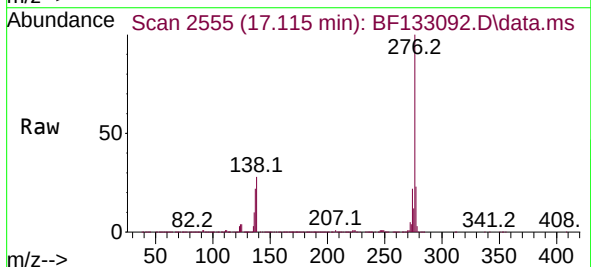
Tgt Ion:278 Resp: 1108569
Ion Ratio Lower Upper
278 100
139 20.4 16.6 24.8
279 24.4 18.8 28.2

Manual Integrations
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Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#92
Benzo(g,h,i)perylene
Concen: 46.821 ng
RT: 17.115 min Scan# 2555
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14



Tgt Ion:276 Resp: 1137014
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 27.8 22.7 34.1

