

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133095.D
 Acq On : 27 Apr 2023 12:45
 Operator : CG\JU
 Sample : PB152410BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152410BSD

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 02:06:07 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	6.739	152	191577	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	773308	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	399504	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	723645	20.000	ng	0.00
76) Chrysene-d12	13.892	240	505662	20.000	ng	0.00
86) Perylene-d12	15.309	264	444325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1551919	122.371	ng	0.02
7) Phenol-d6	6.387	99	1866426	118.570	ng	0.00
23) Nitrobenzene-d5	7.304	82	1151668	80.386	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	506257	126.004	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1975073	82.710	ng	0.00
79) Terphenyl-d14	12.845	244	2357696	80.414	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.475	88	197885	33.640	ng	96
3) Pyridine	3.175	79	522302	33.430	ng	97
4) n-Nitrosodimethylamine	3.134	42	300311	37.110	ng	92
6) Aniline	6.398	93	680911	33.585	ng	# 27
8) 2-Chlorophenol	6.522	128	569844	44.255	ng	98
9) Benzaldehyde	6.281	77	305607	43.315	ng	98
10) Phenol	6.398	94	672954	38.753	ng	# 71
11) bis(2-Chloroethyl)ether	6.475	93	533685	40.955	ng	99
12) 1,3-Dichlorobenzene	6.681	146	603024	44.048	ng	98
13) 1,4-Dichlorobenzene	6.757	146	603211	43.965	ng	98
14) 1,2-Dichlorobenzene	6.910	146	584690	46.223	ng	99
15) Benzyl Alcohol	6.886	79	446433	41.057	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.022	45	868092	38.354	ng	94
17) 2-Methylphenol	7.004	107	496490	42.109	ng	98
18) Hexachloroethane	7.251	117	207571	43.515	ng	97
19) n-Nitroso-di-n-propyla...	7.163	70	372256	37.986	ng	94
20) 3+4-Methylphenols	7.157	107	570493	41.086	ng	# 88
22) Acetophenone	7.151	105	768879	42.922	ng	# 97
24) Nitrobenzene	7.328	77	585005	40.296	ng	98
25) Isophorone	7.563	82	1057772	38.887	ng	98
26) 2-Nitrophenol	7.639	139	325004	46.414	ng	95
27) 2,4-Dimethylphenol	7.686	122	517993	43.141	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	631247	39.227	ng	99
29) 2,4-Dichlorophenol	7.886	162	470425	43.038	ng	98
30) 1,2,4-Trichlorobenzene	7.969	180	493953	43.621	ng	98
31) Naphthalene	8.045	128	1622899	41.976	ng	99
32) Benzoic acid	7.816	122	375082	50.573	ng	98
33) 4-Chloroaniline	8.092	127	368223	23.572	ng	99
34) Hexachlorobutadiene	8.163	225	266234	42.420	ng	98
35) Caprolactam	8.469	113	172101m	46.869	ng	
36) 4-Chloro-3-methylphenol	8.581	107	507294	43.038	ng	97
37) 2-Methylnaphthalene	8.739	142	1048783	39.677	ng	98
38) 1-Methylnaphthalene	8.833	142	985045	39.836	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	440245	40.985	ng	99
41) Hexachlorocyclopentadiene	8.892	237	580233	92.622	ng	99
43) 2,4,6-Trichlorophenol	9.016	196	313770	42.239	ng	98

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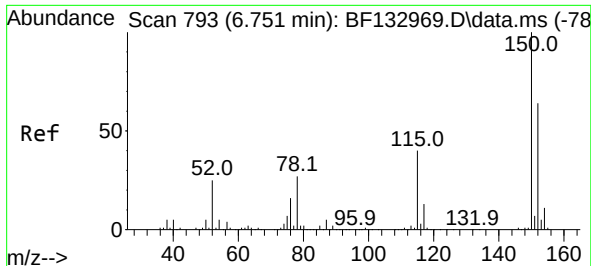
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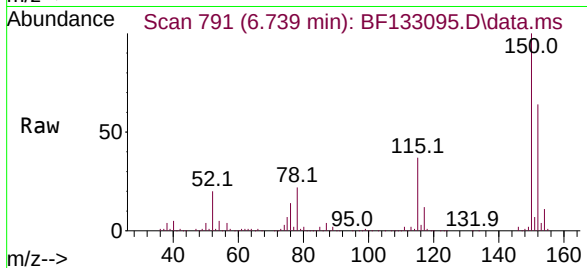
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	345480	40.213	ng	99
46) 1,1'-Biphenyl	9.198	154	1293729	40.839	ng	100
47) 2-Chloronaphthalene	9.222	162	969582	41.816	ng	99
48) 2-Nitroaniline	9.322	65	307358	40.109	ng	92
49) Acenaphthylene	9.639	152	1498999	40.460	ng	99
50) Dimethylphthalate	9.504	163	1124334	40.361	ng	99
51) 2,6-Dinitrotoluene	9.563	165	264967	42.261	ng	86
52) Acenaphthene	9.810	154	1117609m	45.040	ng	
53) 3-Nitroaniline	9.727	138	238413	31.981	ng	99
54) 2,4-Dinitrophenol	9.839	184	333296	105.758	ng	90
55) Dibenzofuran	9.980	168	1348134	39.829	ng	99
56) 4-Nitrophenol	9.898	139	526987	91.269	ng	95
57) 2,4-Dinitrotoluene	9.969	165	359996	45.023	ng	# 83
58) Fluorene	10.322	166	1010474	40.747	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.104	232	289788	43.509	ng	95
60) Diethylphthalate	10.204	149	1067342	40.564	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	482074	39.891	ng	97
62) 4-Nitroaniline	10.345	138	318714	46.515	ng	97
63) Azobenzene	10.474	77	1060500	38.047	ng	98
65) 4,6-Dinitro-2-methylph...	10.374	198	211584	48.239	ng	95
66) n-Nitrosodiphenylamine	10.439	169	936028	39.876	ng	98
67) 4-Bromophenyl-phenylether	10.804	248	313796	39.982	ng	96
68) Hexachlorobenzene	10.874	284	348555	43.341	ng	95
69) Atrazine	10.969	200	314776	46.539	ng	99
70) Pentachlorophenol	11.069	266	433598	75.704	ng	96
71) Phenanthrene	11.286	178	1587875	40.826	ng	99
72) Anthracene	11.333	178	1615968	40.599	ng	100
73) Carbazole	11.492	167	1507344	42.530	ng	100
74) Di-n-butylphthalate	11.821	149	1692693	42.203	ng	100
75) Fluoranthene	12.468	202	1650156	42.275	ng	98
77) Benzidine	12.592	184	813883	95.180	ng	# 93
78) Pyrene	12.698	202	1707104	39.382	ng	99
80) Butylbenzylphthalate	13.321	149	727004	47.368	ng	98
81) Benzo(a)anthracene	13.880	228	1409530	40.535	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	404037	42.061	ng	98
83) Chrysene	13.921	228	1396147	40.160	ng	100
84) Bis(2-ethylhexyl)phtha...	13.880	149	838963	43.550	ng	100
85) Di-n-octyl phthalate	14.492	149	1525541	48.566	ng	96
87) Indeno(1,2,3-cd)pyrene	16.698	276	1186539	46.947	ng	99
88) Benzo(b)fluoranthene	14.910	252	1289502	45.618	ng	99
89) Benzo(k)fluoranthene	14.939	252	1215002	43.360	ng	99
90) Benzo(a)pyrene	15.257	252	1045135	40.621	ng	100
91) Dibenzo(a,h)anthracene	16.715	278	993494	47.130	ng	97
92) Benzo(g,h,i)perylene	17.115	276	988826	47.514	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

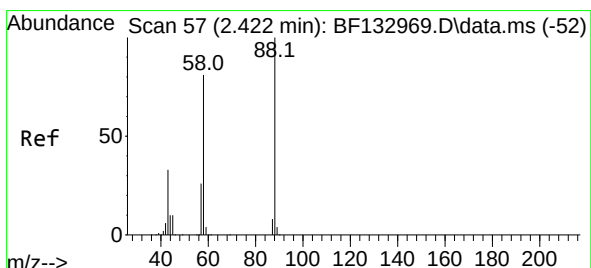
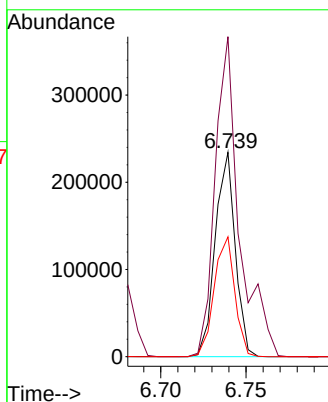
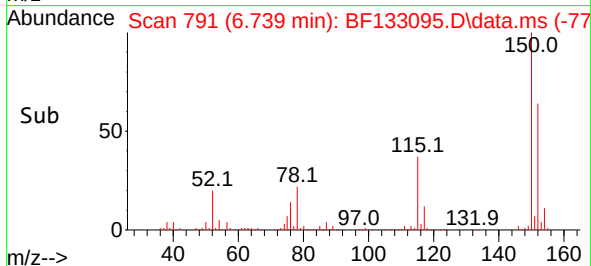
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



Tgt Ion:152 Resp: 19157
Ion Ratio Lower Upper
152 100
150 156.7 124.8 187.2
115 58.7 49.9 74.9

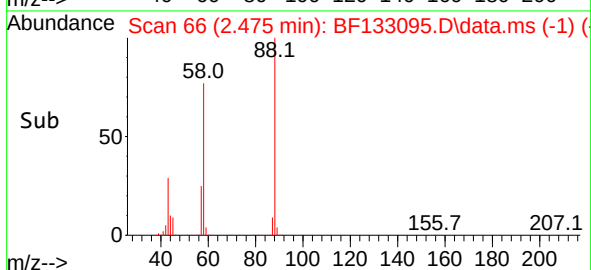
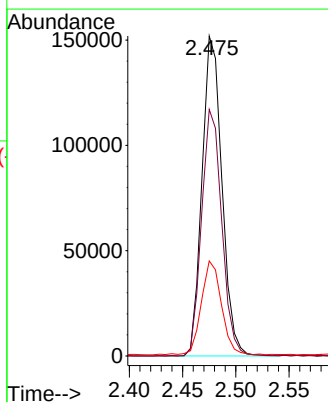
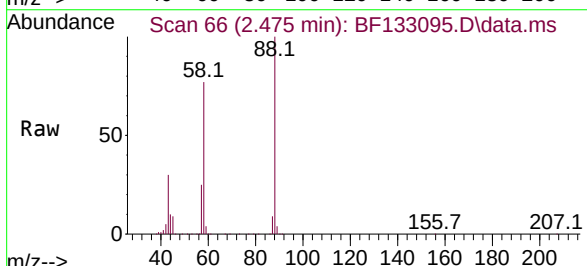
Manual Integrations
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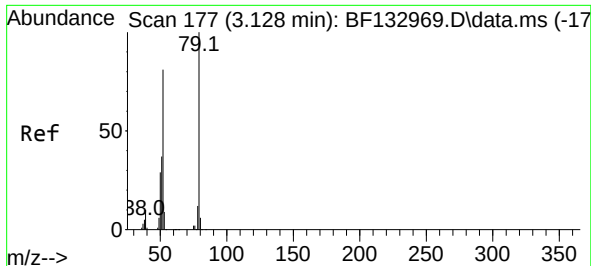
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#2
1,4-Dioxane
Concen: 33.640 ng
RT: 2.475 min Scan# 66
Delta R.T. 0.082 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

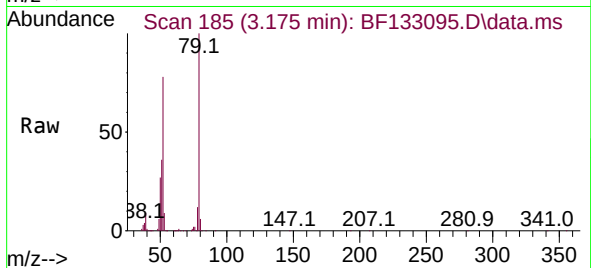
Tgt Ion: 88 Resp: 197885
Ion Ratio Lower Upper
88 100
58 78.1 64.7 97.1
43 30.0 26.2 39.2





#3
Pyridine
Concen: 33.430 ng
RT: 3.175 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

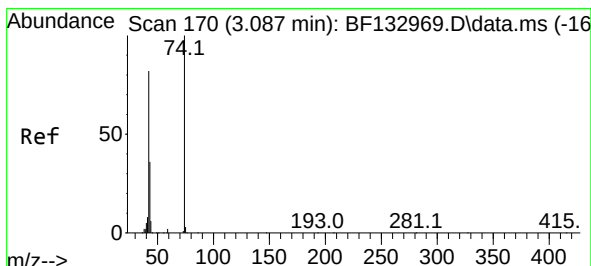
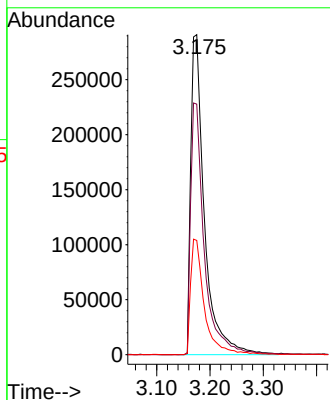
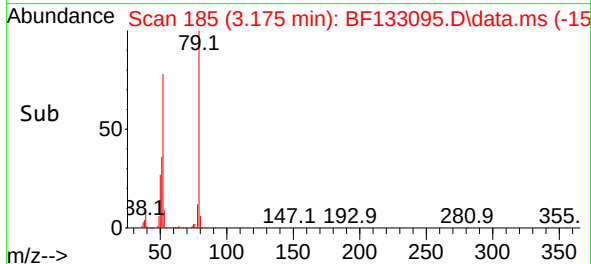
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



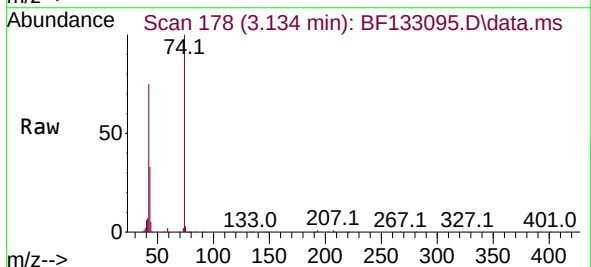
Tgt Ion: 79 Resp: 52230
Ion Ratio Lower Upper
79 100
52 78.3 64.6 96.8
51 35.7 30.0 45.0

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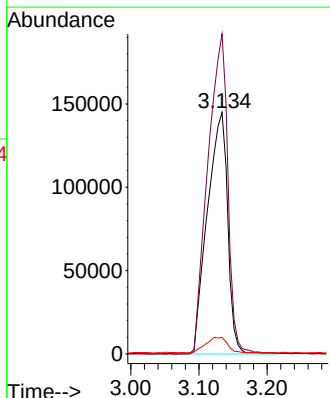
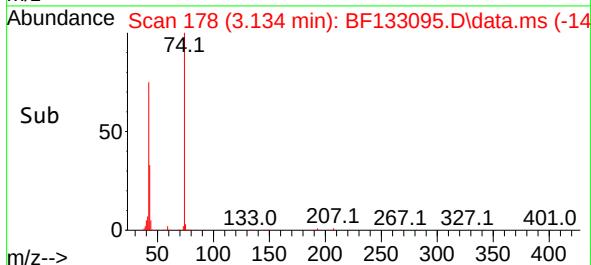
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Supervised By :Jagrut Upadhyay 04/28/2023

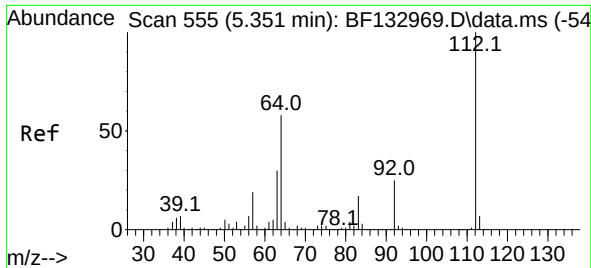


#4
n-Nitrosodimethylamine
Concen: 37.110 ng
RT: 3.134 min Scan# 178
Delta R.T. 0.082 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45



Tgt Ion: 42 Resp: 300311
Ion Ratio Lower Upper
42 100
74 132.5 98.0 147.0
44 6.8 5.8 8.8





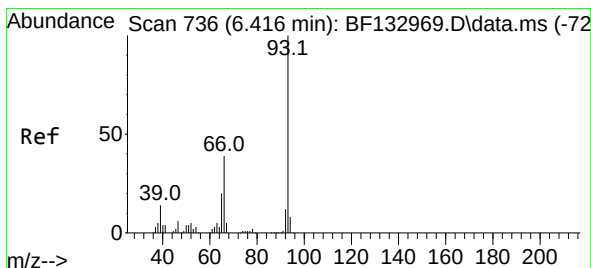
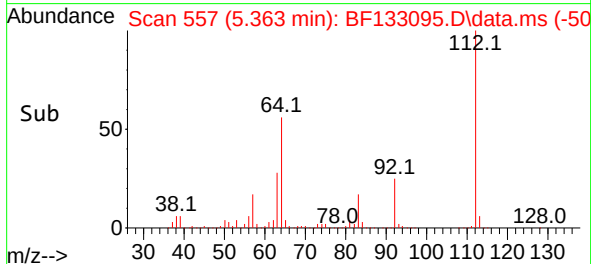
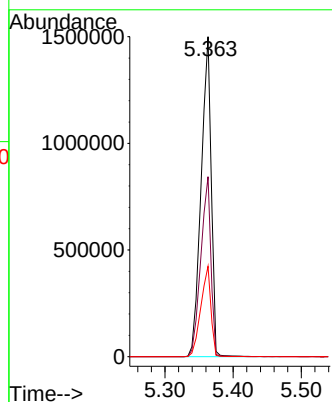
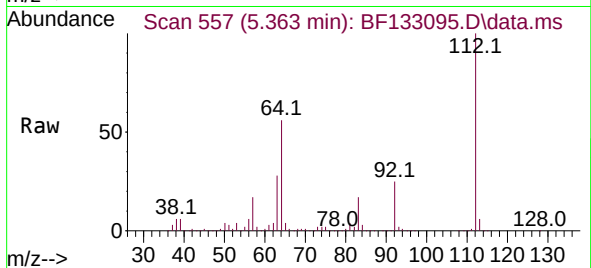
#5
2-Fluorophenol
Concen: 122.371 ng
RT: 5.363 min Scan# 511
Delta R.T. 0.017 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Instrument :
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ClientSampleId :
PB152410BSD

Tgt Ion:112 Resp: 1551919
Ion Ratio Lower Upper
112 100
64 56.3 46.8 70.2
63 28.2 23.8 35.8

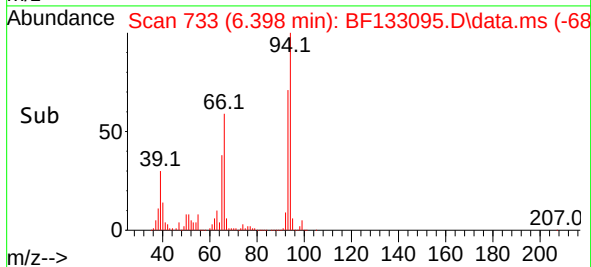
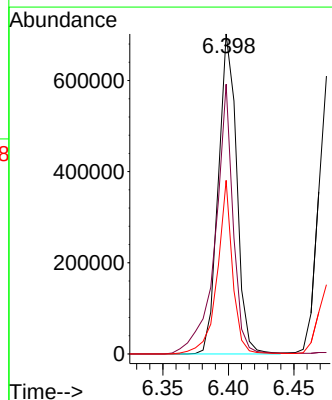
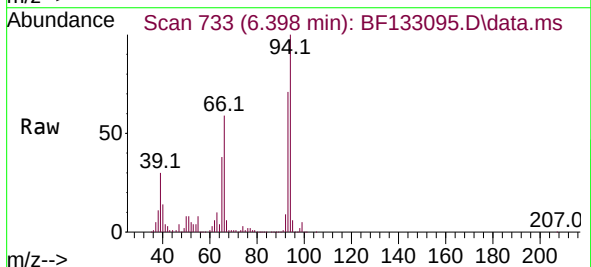
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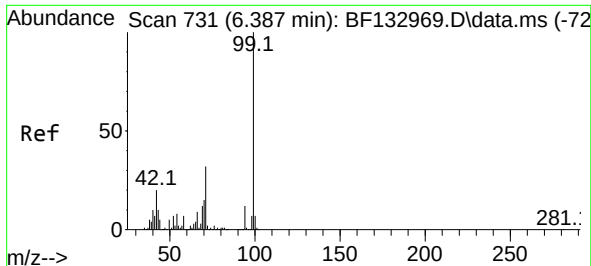
Reviewed By :Christian Giraldo 04/28/2023
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#6
Aniline
Concen: 33.585 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Tgt Ion: 93 Resp: 680911
Ion Ratio Lower Upper
93 100
66 84.3 31.5 47.3#
65 54.2 16.4 24.6#





#7

Phenol-d6

Concen: 118.570 ng

RT: 6.387 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF133095.D

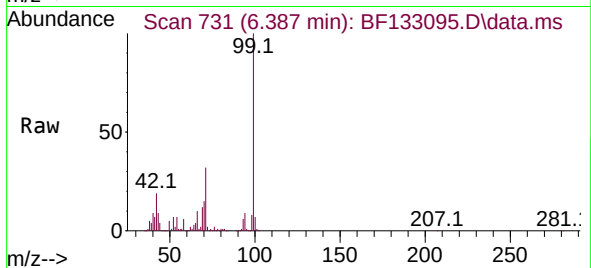
Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

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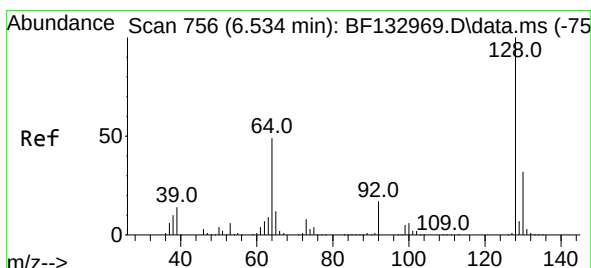
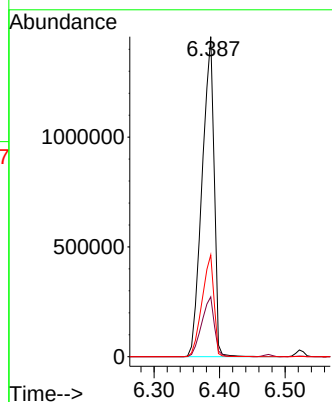
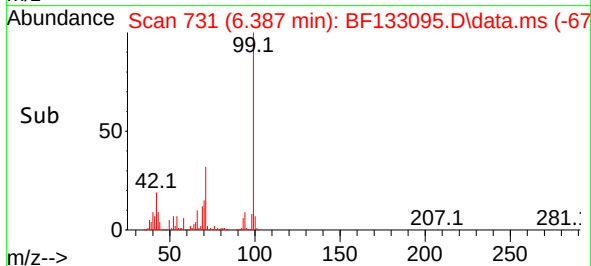
Tgt Ion: 99 Resp: 1866420

Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.3	24.5
71	31.8	25.6	38.4

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#8

2-Chlorophenol

Concen: 44.255 ng

RT: 6.522 min Scan# 754

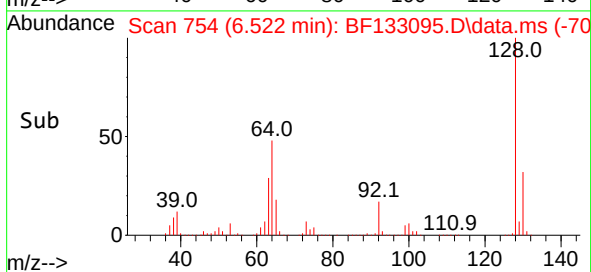
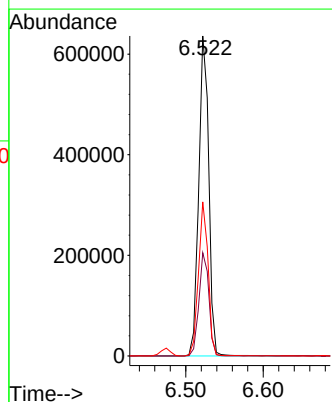
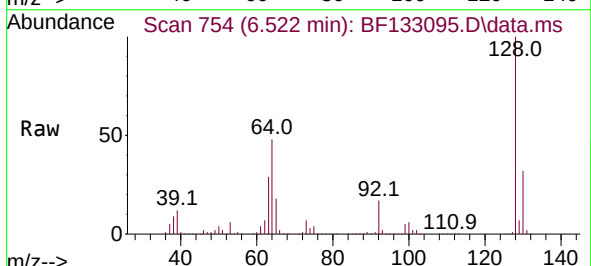
Delta R.T. -0.000 min

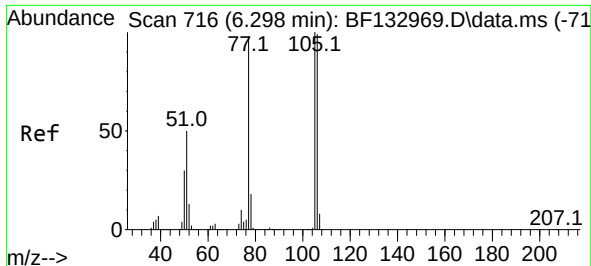
Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

Tgt Ion:128 Resp: 569844

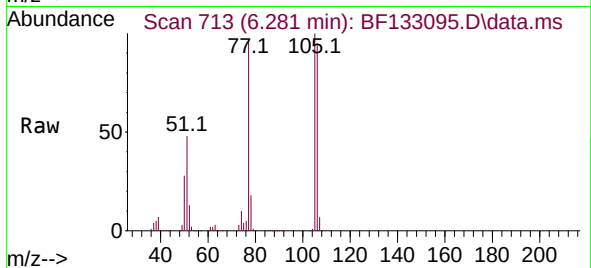
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.2	52.2
64	48.1	30.3	70.3





#9
Benzaldehyde
Concen: 43.315 ng
RT: 6.281 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

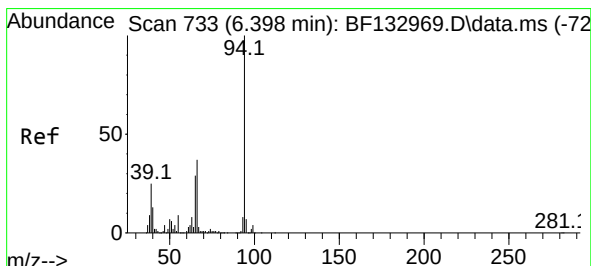
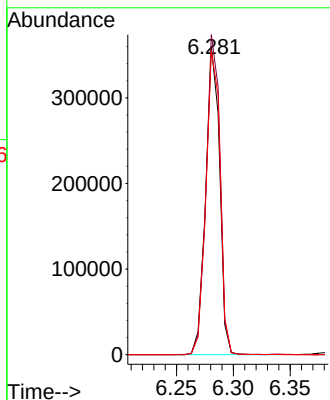
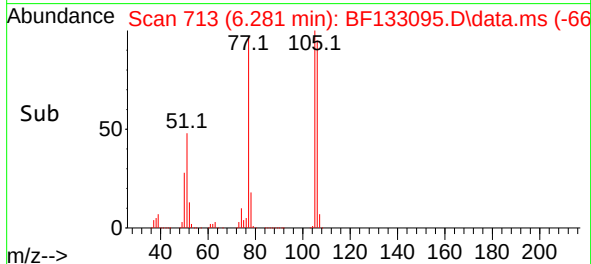
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



Tgt Ion: 77 Resp: 30560
Ion Ratio Lower Upper
77 100
105 103.6 82.3 122.3
106 98.5 80.8 120.8

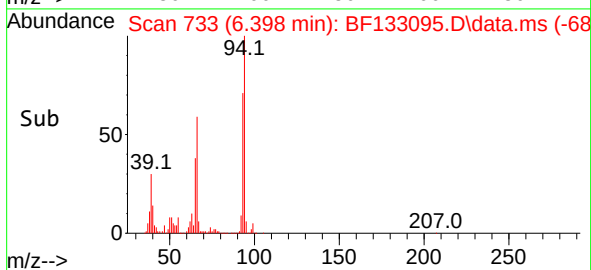
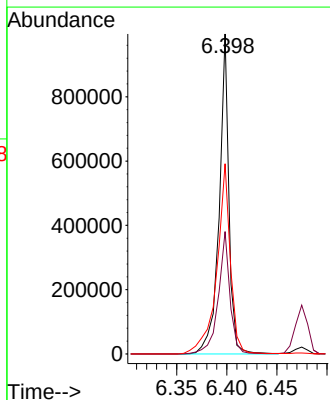
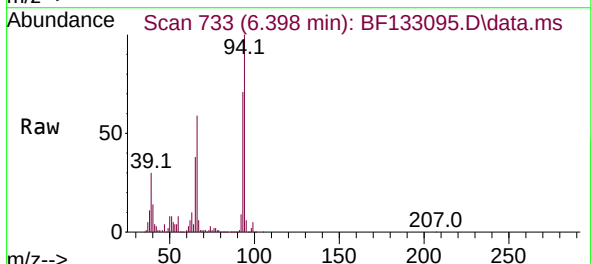
Manual Integrations
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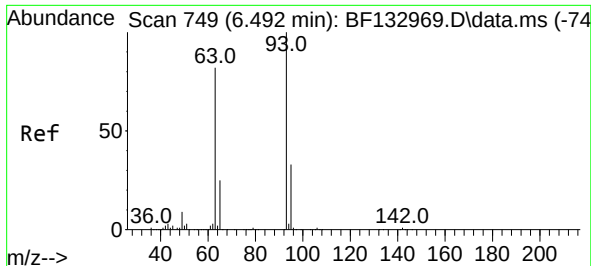
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#10
Phenol
Concen: 38.753 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Tgt Ion: 94 Resp: 672954
Ion Ratio Lower Upper
94 100
65 38.3 8.6 48.6
66 59.5 17.3 57.3#





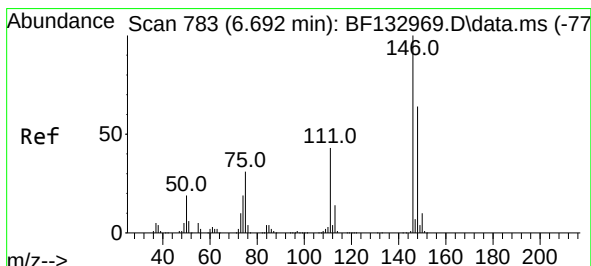
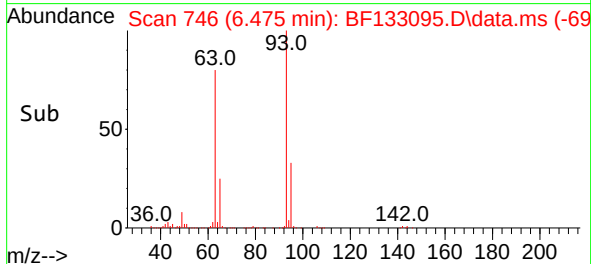
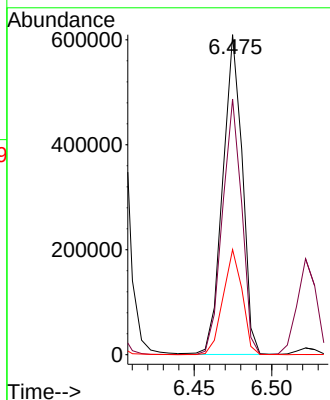
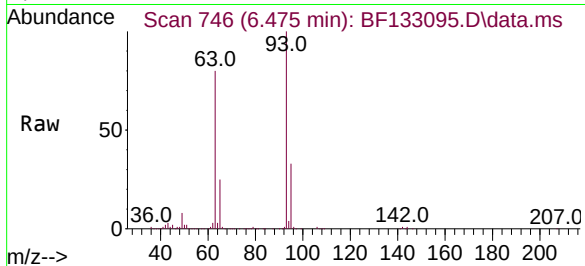
#11
bis(2-Chloroethyl)ether
Concen: 40.955 ng
RT: 6.475 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Instrument :
BNA_F
ClientSampleId :
PB152410BSD

Tgt Ion: 93 Resp: 533685
Ion Ratio Lower Upper
93 100
63 79.9 60.6 100.6
95 32.9 12.9 52.9

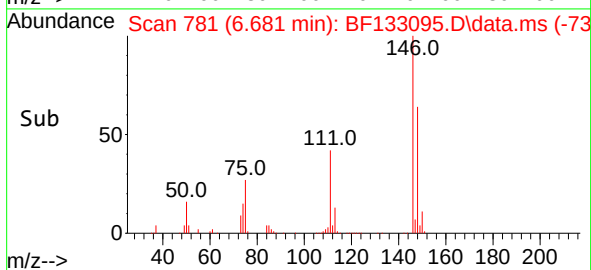
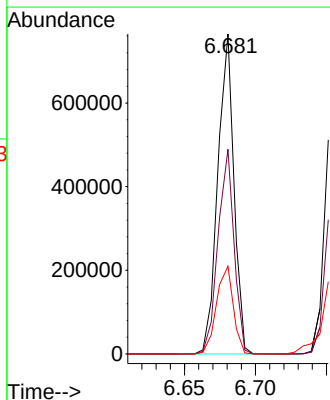
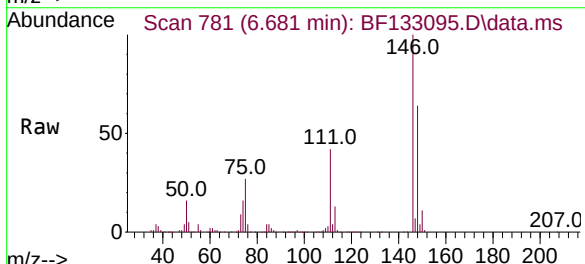
Manual Integrations
APPROVED

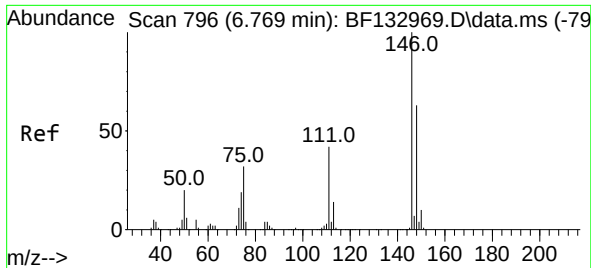
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#12
1,3-Dichlorobenzene
Concen: 44.048 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Tgt Ion:146 Resp: 603024
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 27.4 24.8 37.2





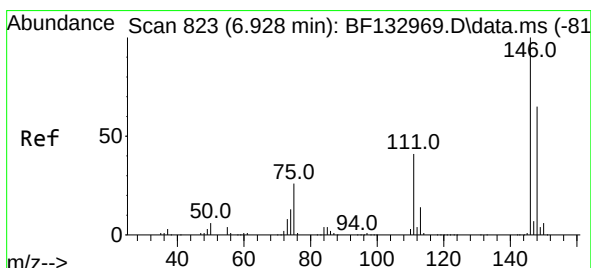
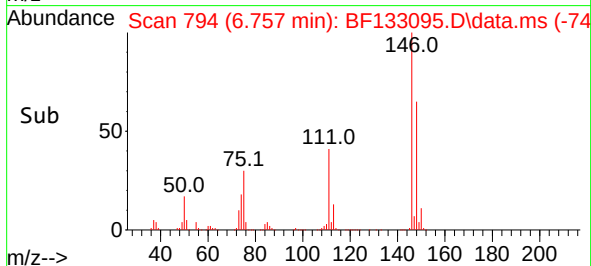
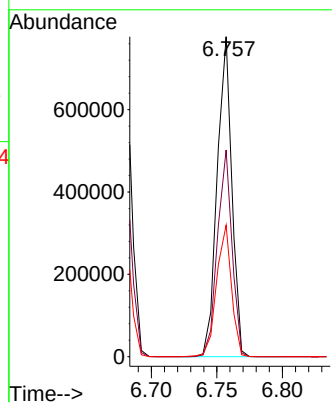
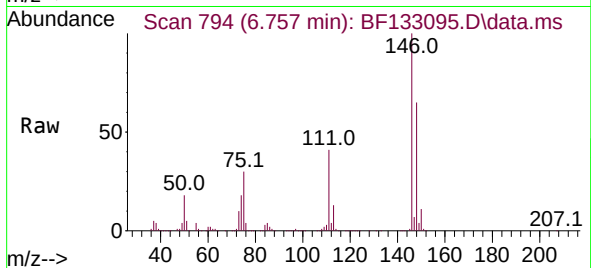
#13
1,4-Dichlorobenzene
Concen: 43.965 ng
RT: 6.757 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Instrument :
BNA_F
ClientSampleId :
PB152410BSD

Tgt Ion:146 Resp: 60321
Ion Ratio Lower Upper
146 100
148 64.6 50.3 75.5
111 41.1 33.8 50.6

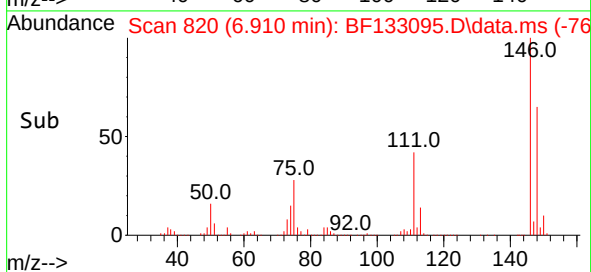
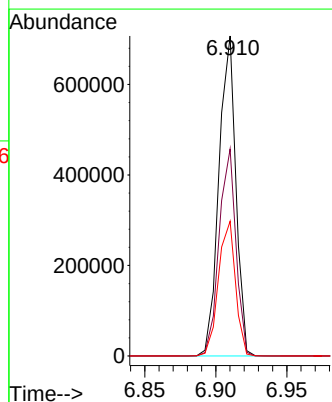
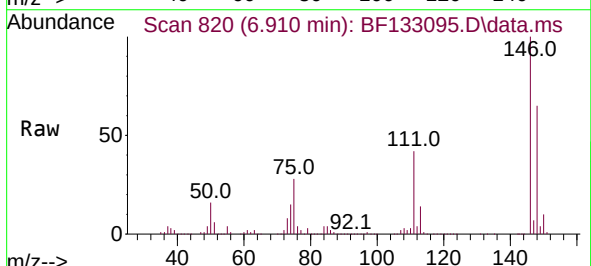
Manual Integrations
APPROVED

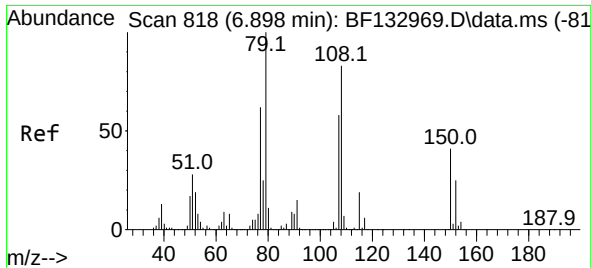
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#14
1,2-Dichlorobenzene
Concen: 46.223 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

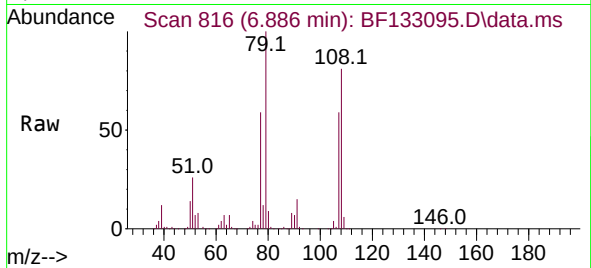
Tgt Ion:146 Resp: 584690
Ion Ratio Lower Upper
146 100
148 64.7 52.2 78.2
111 42.1 32.8 49.2





#15
Benzyl Alcohol
Concen: 41.057 ng
RT: 6.886 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

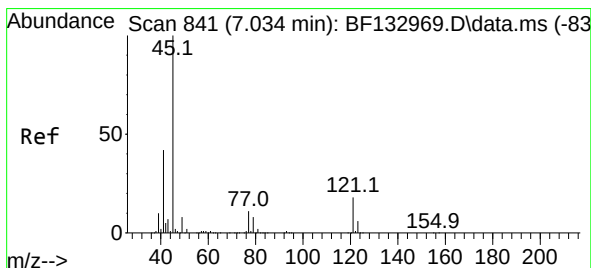
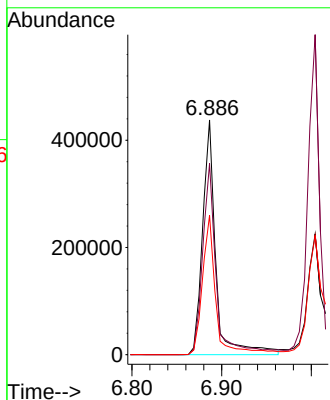
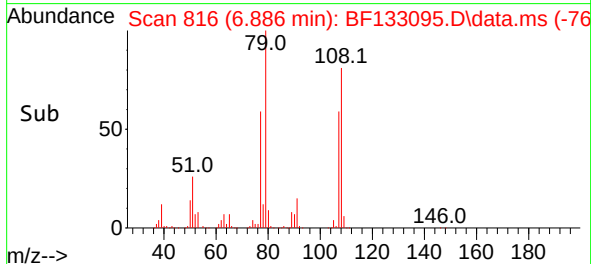
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



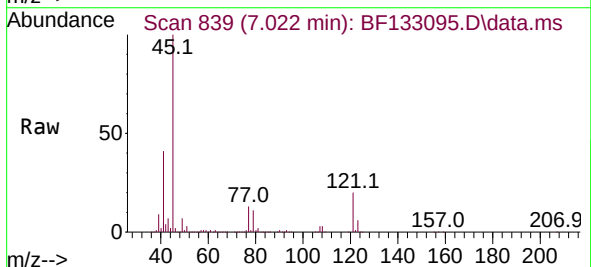
Tgt Ion: 79 Resp: 446438
Ion Ratio Lower Upper
79 100
108 81.5 66.6 99.8
77 59.4 49.2 73.8

Manual Integrations
APPROVED

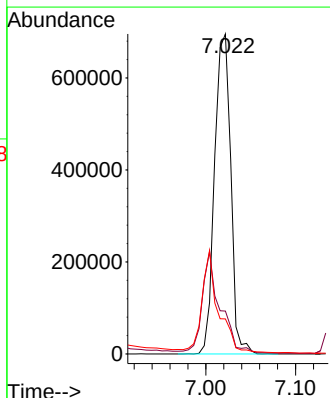
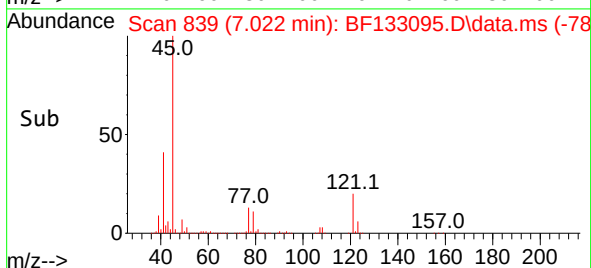
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

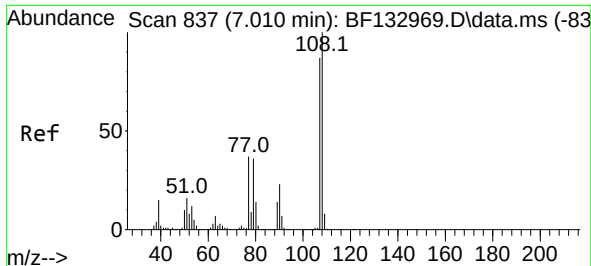


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.354 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45



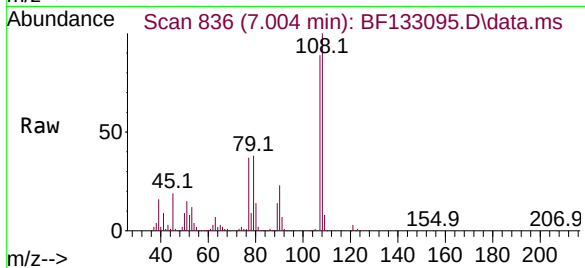
Tgt Ion: 45 Resp: 868092
Ion Ratio Lower Upper
45 100
77 13.4 0.0 31.5
79 11.0 0.0 28.7





#17
2-Methylphenol
Concen: 42.109 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

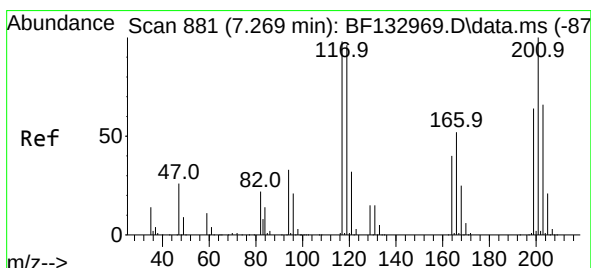
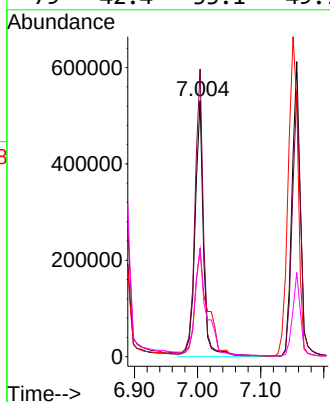
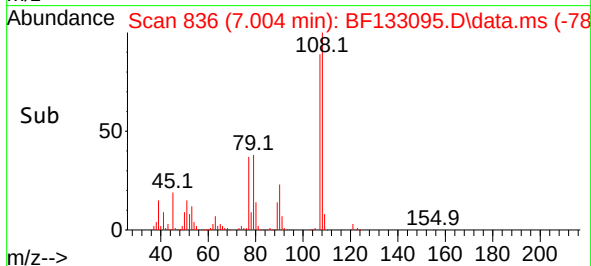
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



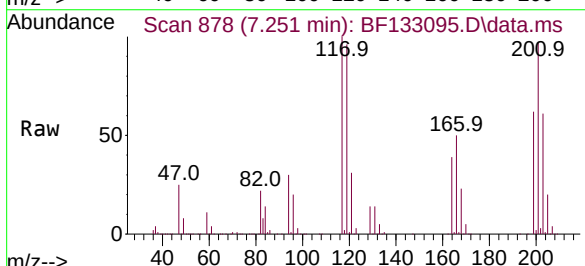
Tgt Ion:107 Resp: 496490
Ion Ratio Lower Upper
107 100
108 112.4 92.4 138.6
77 41.9 33.8 50.8
79 42.4 33.1 49.7

Manual Integrations
APPROVED

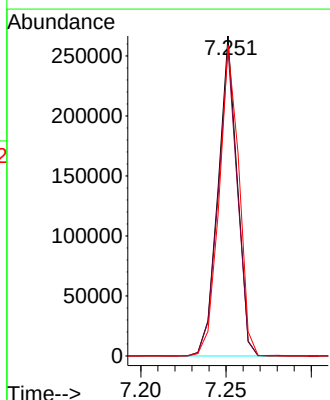
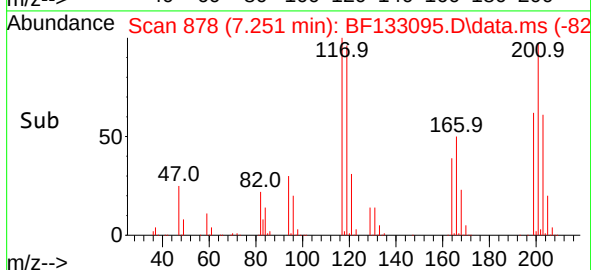
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

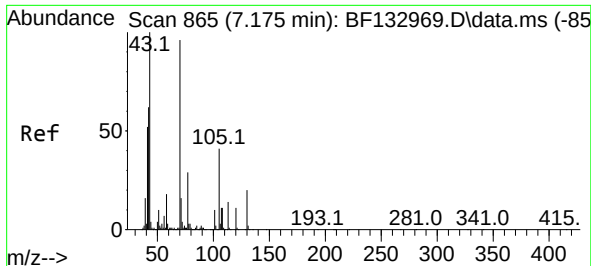


#18
Hexachloroethane
Concen: 43.515 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45



Tgt Ion:117 Resp: 207571
Ion Ratio Lower Upper
117 100
119 96.0 78.2 117.4
201 97.0 81.7 122.5





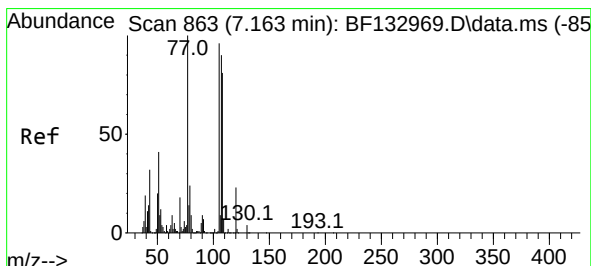
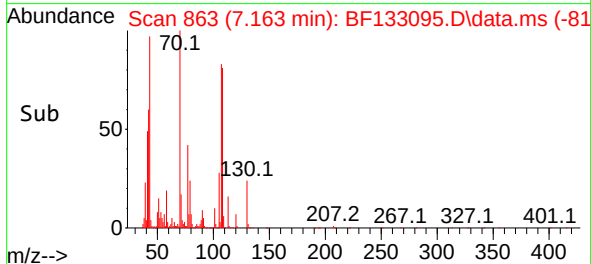
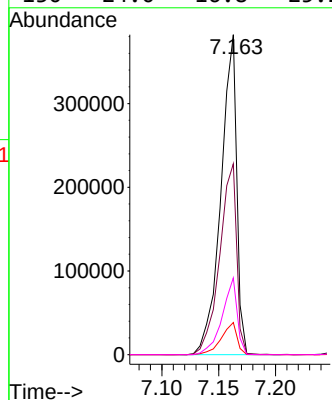
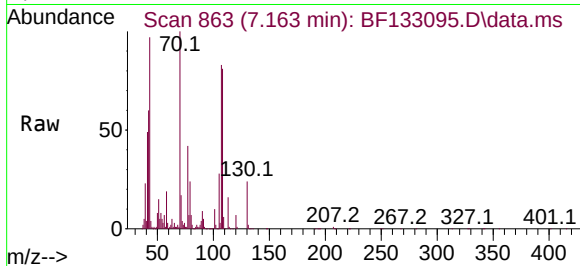
#19
n-Nitroso-di-n-propylamine
Concen: 37.986 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Instrument :
BNA_F
ClientSampleId :
PB152410BSD

Tgt Ion: 70 Resp: 372250
Ion Ratio Lower Upper
70 100
42 59.7 51.8 77.6
101 10.0 8.0 12.0
130 24.0 16.8 25.2

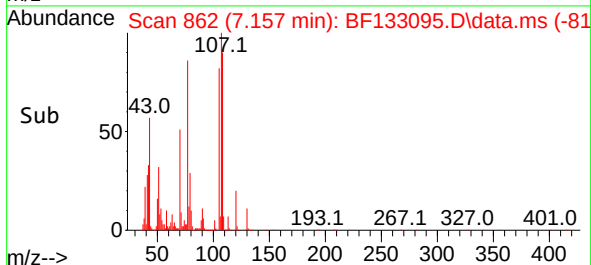
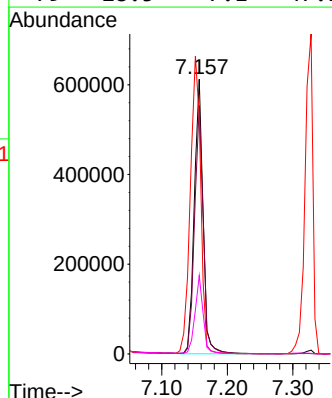
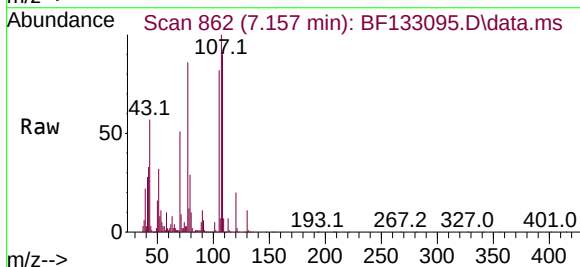
Manual Integrations
APPROVED

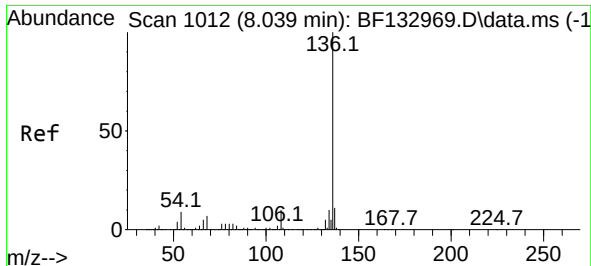
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#20
3+4-Methylphenols
Concen: 41.086 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Tgt Ion:107 Resp: 570493
Ion Ratio Lower Upper
107 100
108 90.4 70.5 110.5
77 86.3 91.7 131.7#
79 28.5 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: BF133095.D
Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

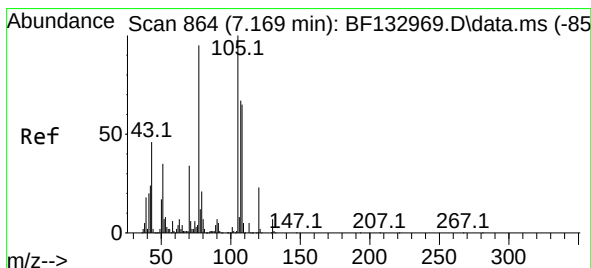
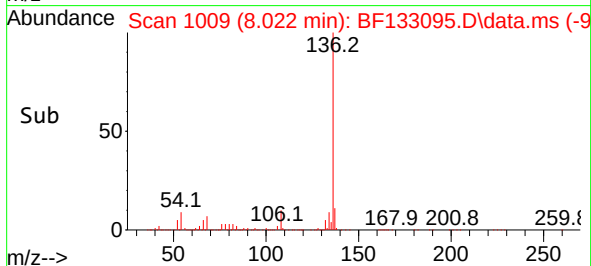
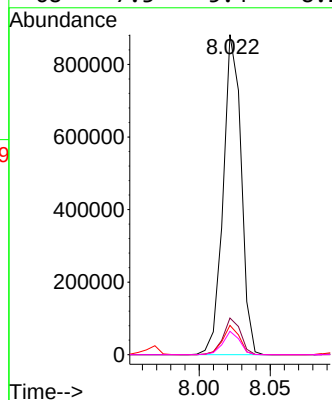
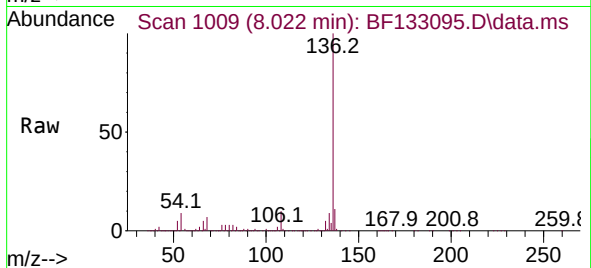
PB152410BSD

Tgt Ion:136 Resp: 773308
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 9.2 7.0 10.4
68 7.3 5.4 8.2

Manual Integrations

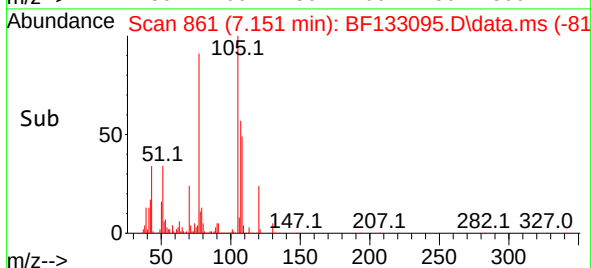
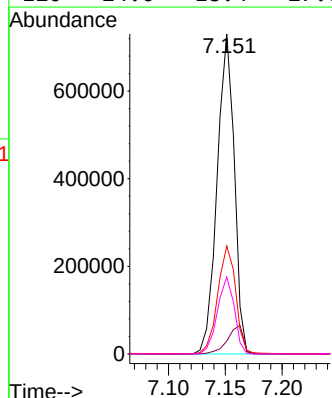
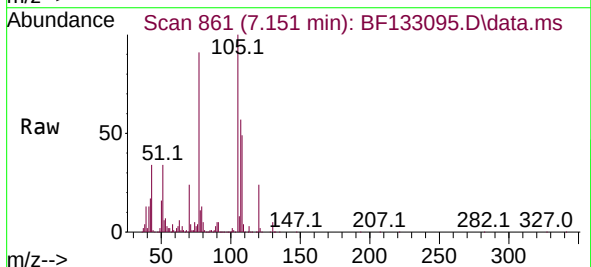
APPROVED

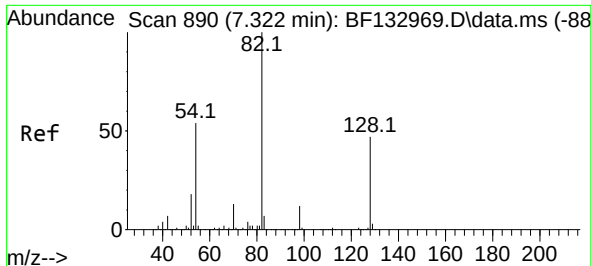
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#22
Acetophenone
Concen: 42.922 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Tgt Ion:105 Resp: 768879
Ion Ratio Lower Upper
105 100
71 4.0 4.6 7.0#
51 33.7 28.2 42.2
120 24.0 18.4 27.6





#23

Nitrobenzene-d5

Concen: 80.386 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

PB152410BSD

Tgt Ion: 82 Resp: 115166

Ion Ratio Lower Upper

82 100

128 47.1 37.7 56.5

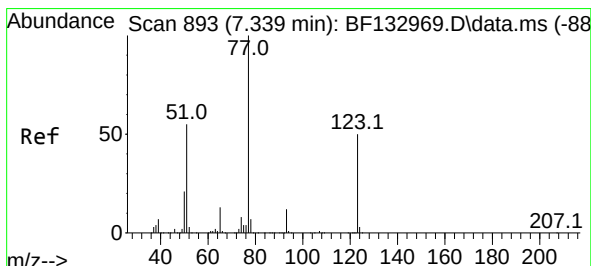
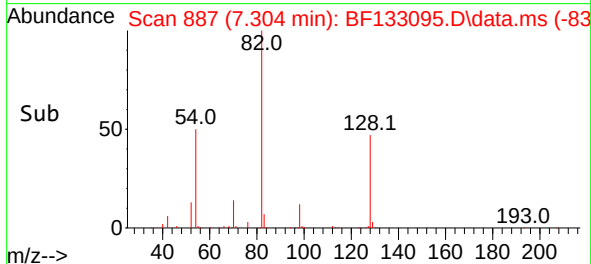
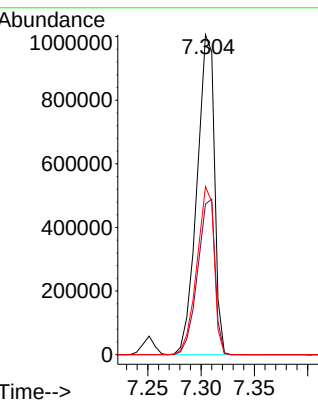
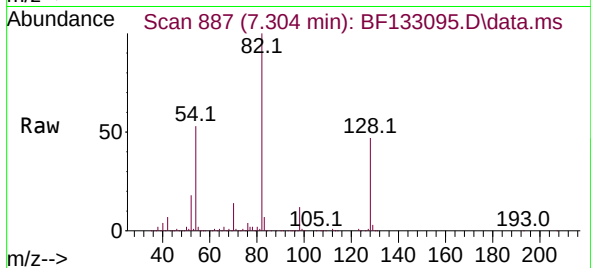
54 52.6 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#24

Nitrobenzene

Concen: 40.296 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.006 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

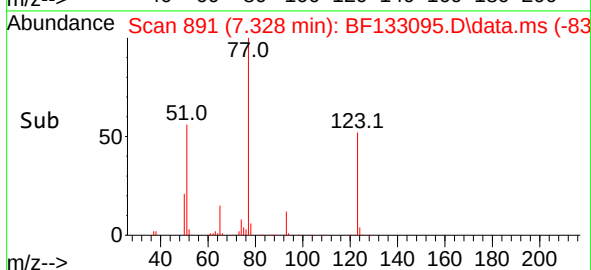
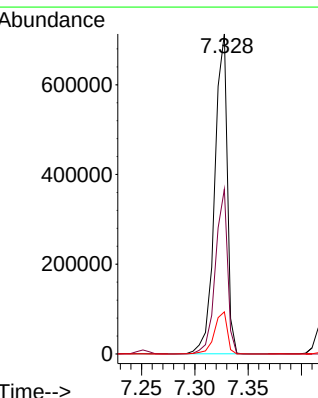
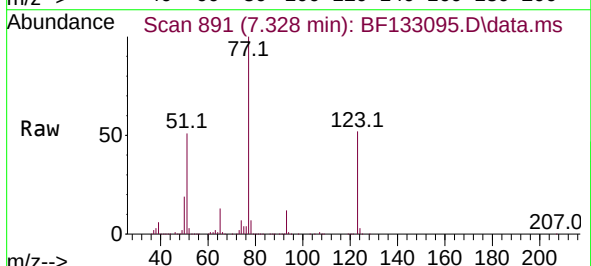
Tgt Ion: 77 Resp: 585005

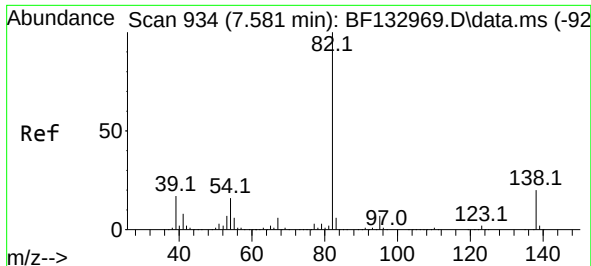
Ion Ratio Lower Upper

77 100

123 51.5 39.9 59.9

65 13.1 10.7 16.1





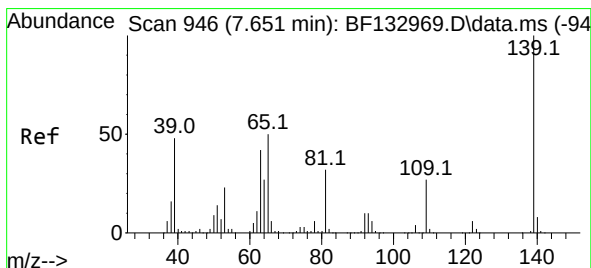
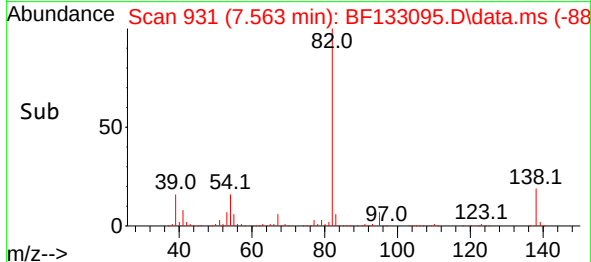
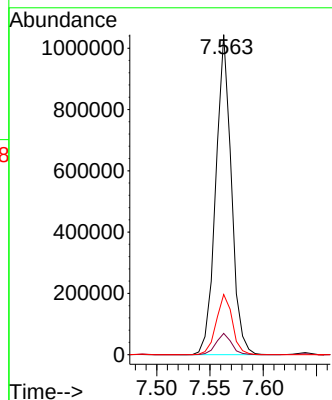
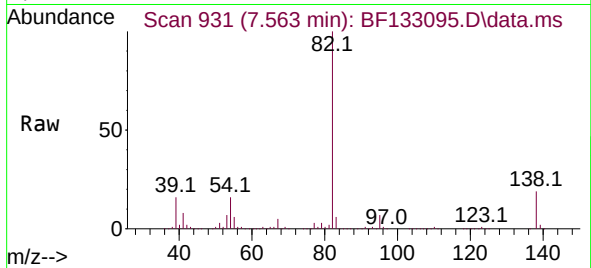
#25
Isophorone
Concen: 38.887 ng
RT: 7.563 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Instrument :
BNA_F
ClientSampleId :
PB152410BSD

Tgt Ion: 82 Resp: 105777
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.8 16.0 24.0

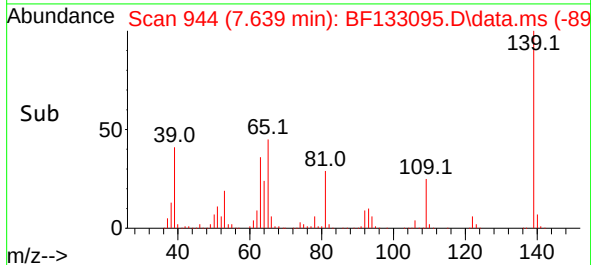
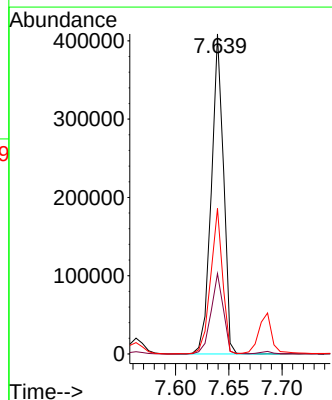
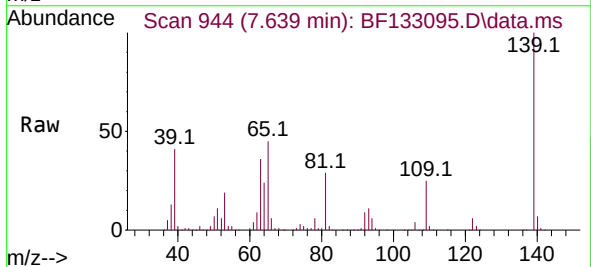
Manual Integrations
APPROVED

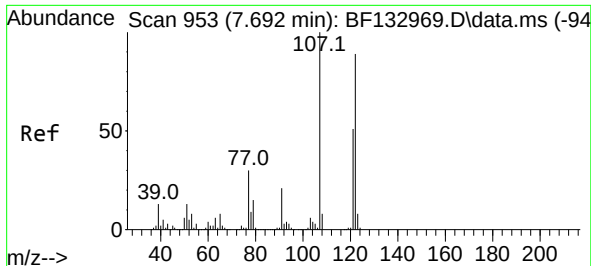
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#26
2-Nitrophenol
Concen: 46.414 ng
RT: 7.639 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Tgt Ion:139 Resp: 325004
Ion Ratio Lower Upper
139 100
109 25.1 21.6 32.4
65 45.4 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 43.141 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

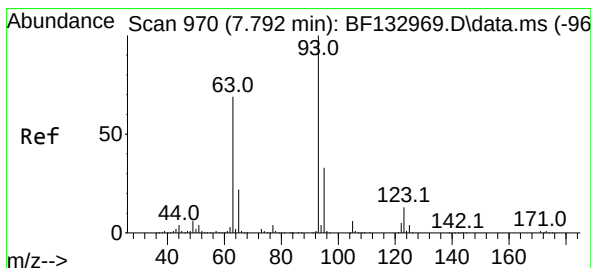
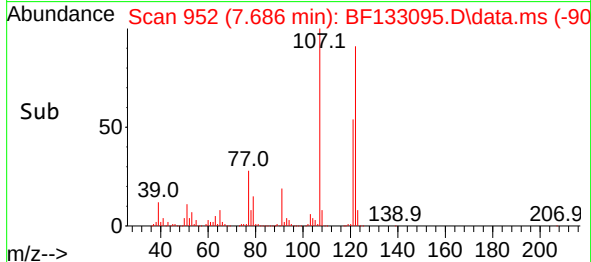
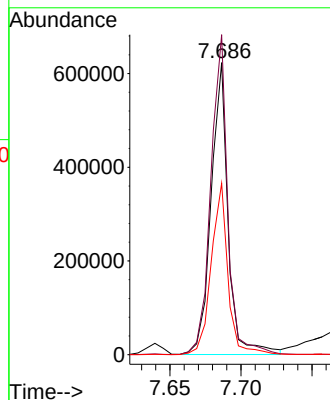
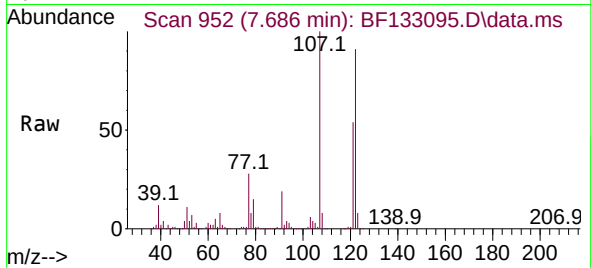
PB152410BSD

Tgt Ion:	122	Resp:	51799
Ion	Ratio	Lower	Upper
122	100		
107	109.6	89.7	134.5
121	58.7	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: 39.227 ng

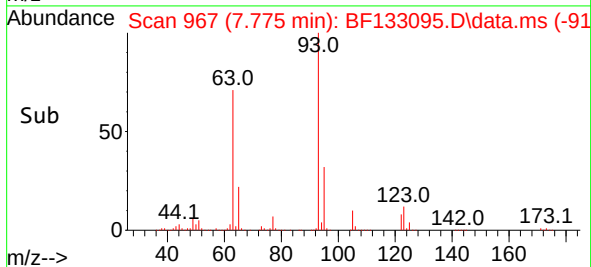
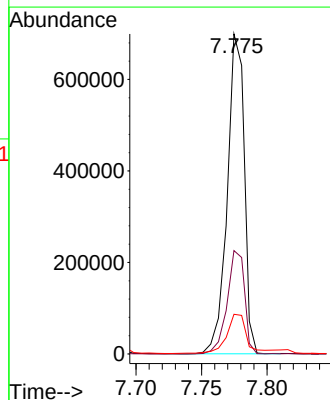
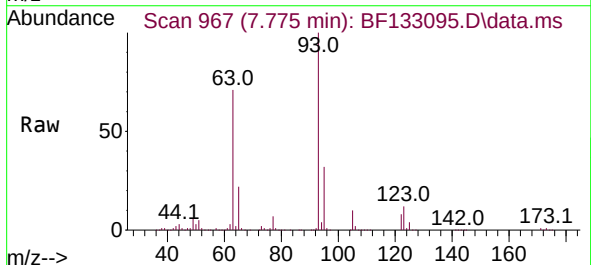
RT: 7.775 min Scan# 967

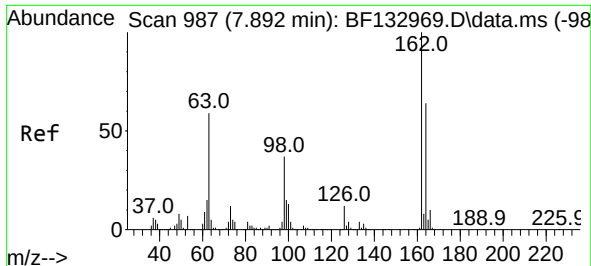
Delta R.T. -0.000 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

Tgt Ion:	93	Resp:	631247
Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	12.4	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 43.038 ng

RT: 7.886 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

PB152410BSD

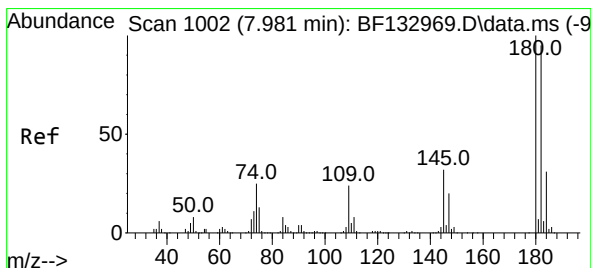
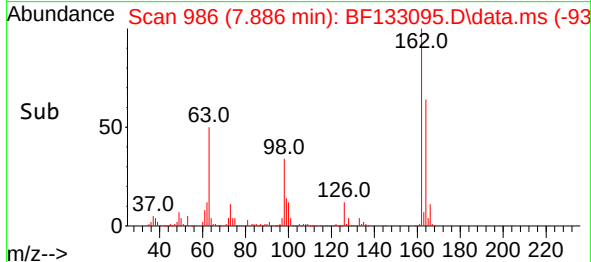
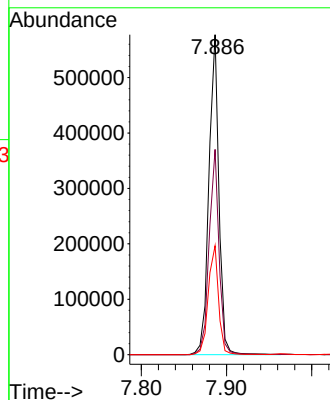
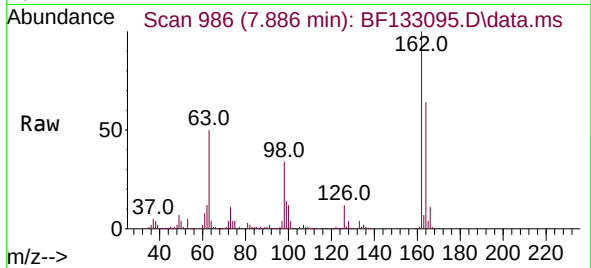
Tgt Ion:162	Resp: 47042
Ion Ratio	Lower Upper
162 100	
164 64.2	43.9 83.9
98 34.0	17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.621 ng

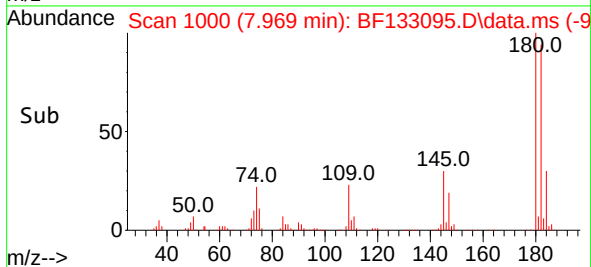
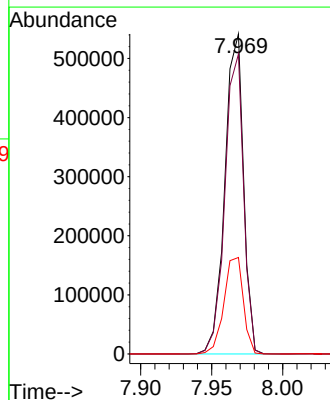
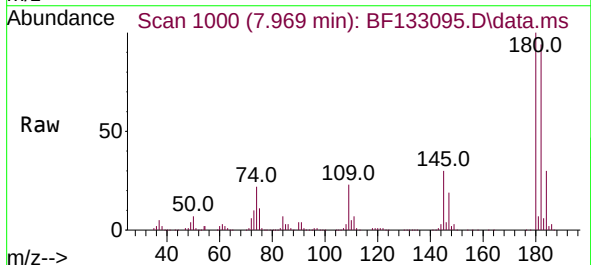
RT: 7.969 min Scan# 1000

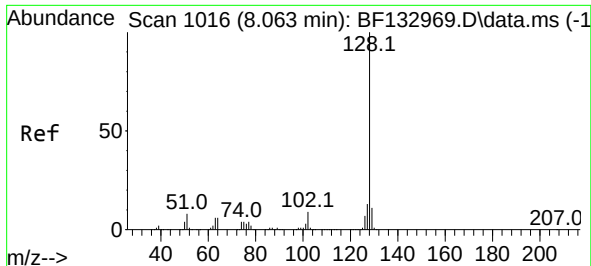
Delta R.T. -0.000 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

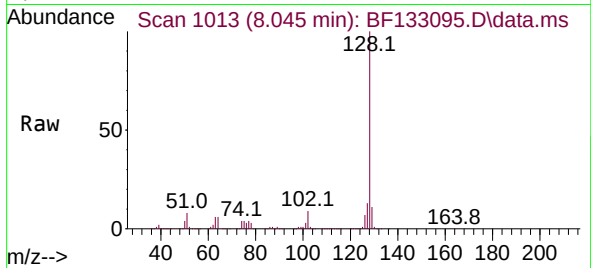
Tgt Ion:180	Resp: 493953
Ion Ratio	Lower Upper
180 100	
182 93.7	75.9 113.9
145 30.1	25.3 37.9





#31
Naphthalene
Concen: 41.976 ng
RT: 8.045 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

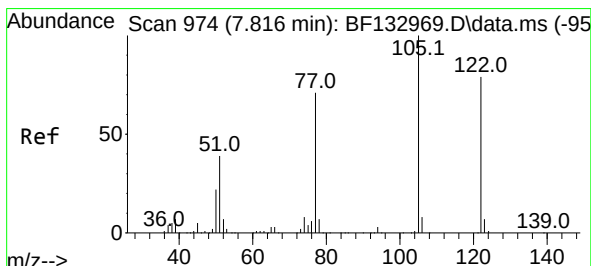
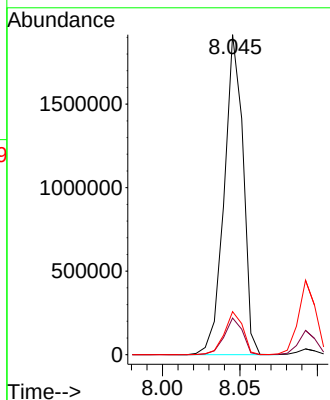
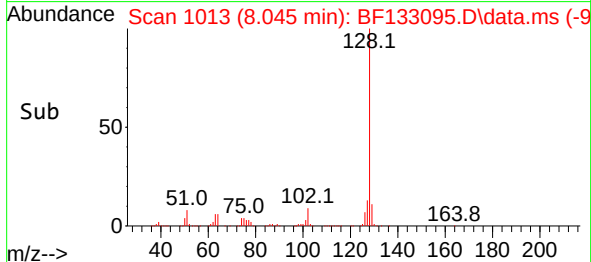
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



Tgt Ion:128 Resp: 162289
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.5 10.7 16.1

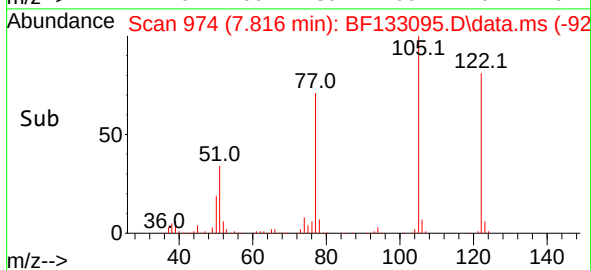
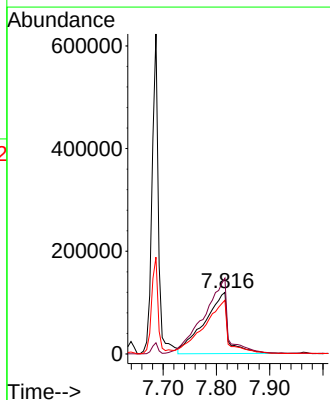
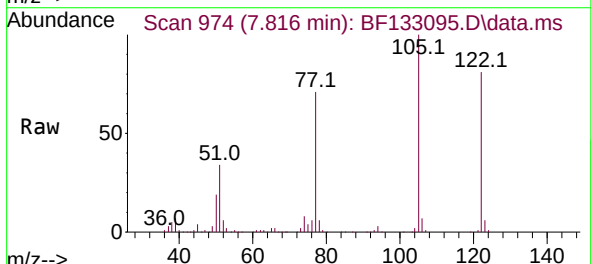
Manual Integrations
APPROVED

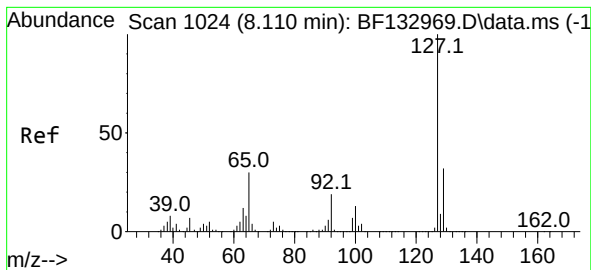
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#32
Benzoic acid
Concen: 50.573 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.017 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Tgt Ion:122 Resp: 375082
Ion Ratio Lower Upper
122 100
105 123.3 104.2 144.2
77 87.3 69.7 109.7





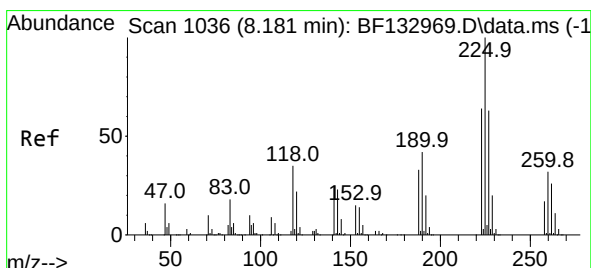
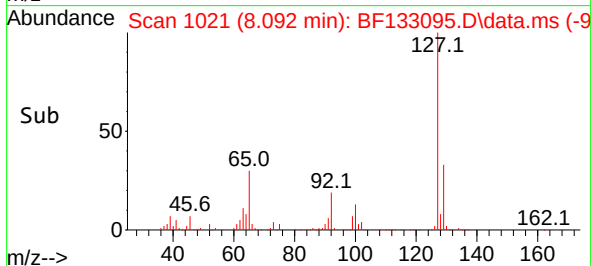
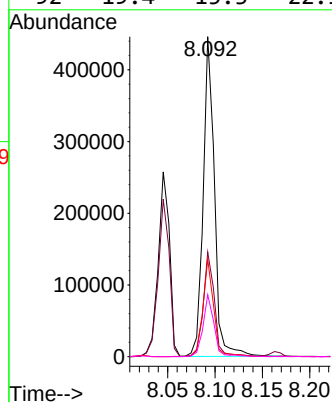
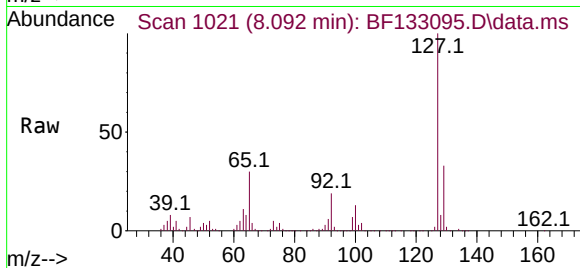
#33
4-Chloroaniline
Concen: 23.572 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Instrument :
BNA_F
ClientSampleId :
PB152410BSD

Tgt Ion:	127	Resp:	36822
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.8	38.8
65	30.5	23.6	35.4
92	19.4	15.3	22.9

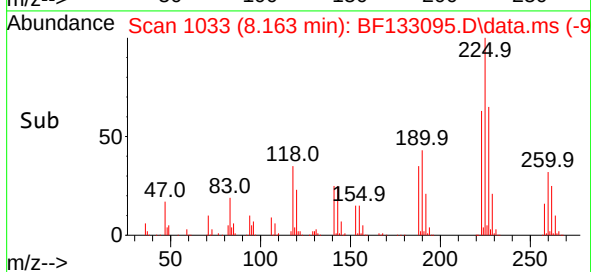
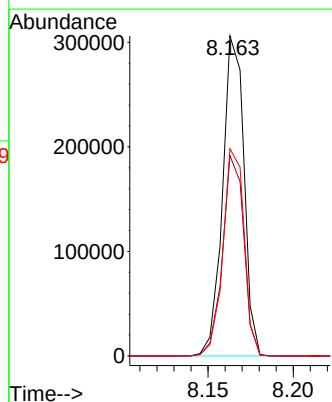
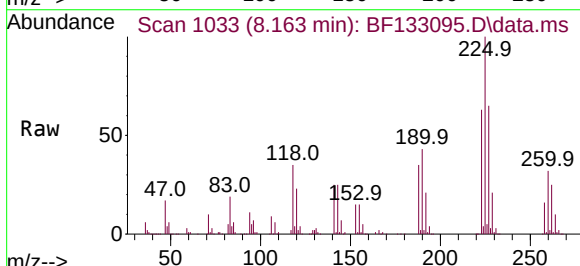
Manual Integrations
APPROVED

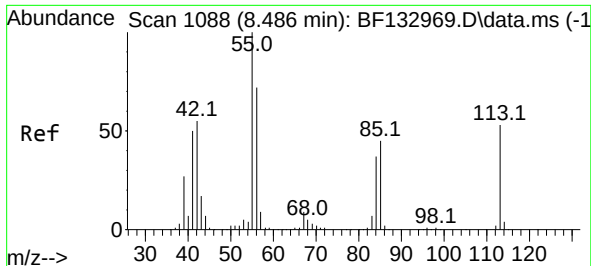
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#34
Hexachlorobutadiene
Concen: 42.420 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

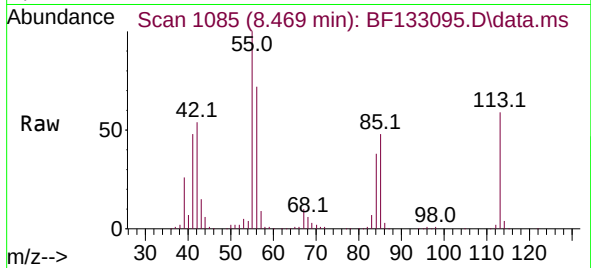
Tgt Ion:	225	Resp:	266234
Ion Ratio	Lower	Upper	
225	100		
223	62.6	50.9	76.3
227	64.8	50.3	75.5





#35
Caprolactam
Concen: 46.869 ng m
RT: 8.469 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

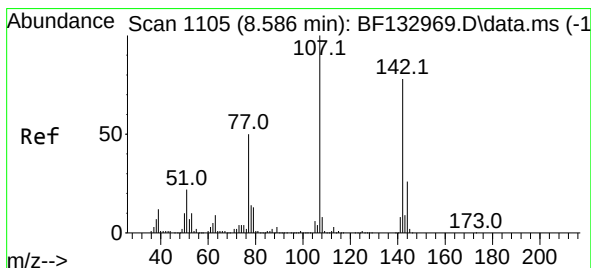
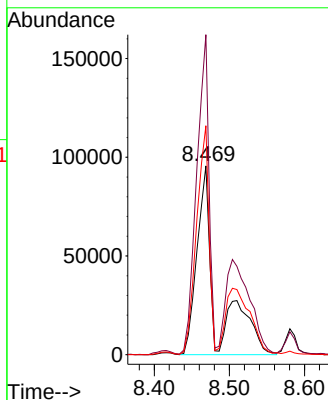
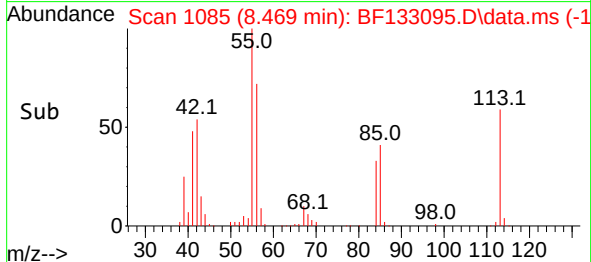
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



Tgt Ion:113 Resp: 17210
Ion Ratio Lower Upper
113 100
55 169.5 167.1 207.1
56 121.3 114.5 154.5

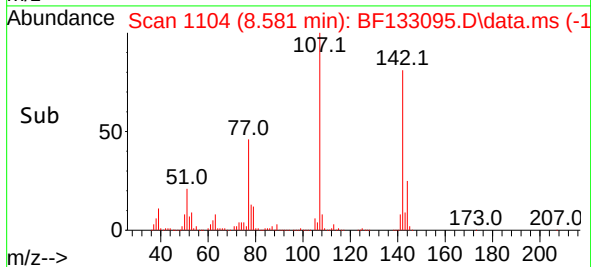
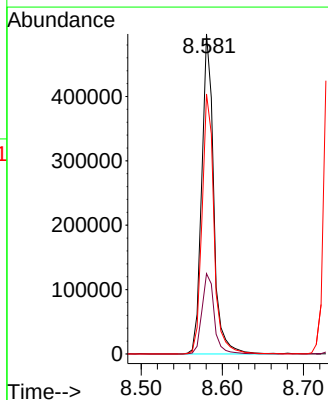
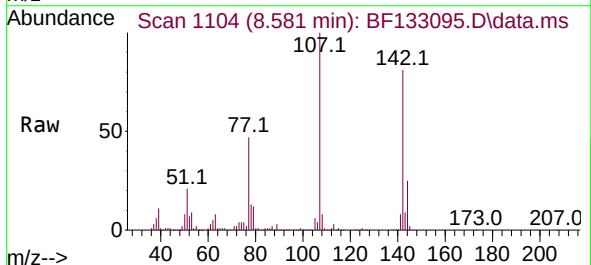
Manual Integrations
APPROVED

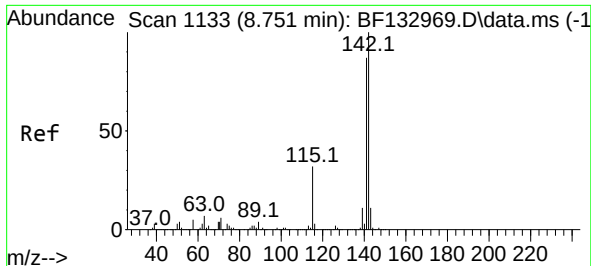
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#36
4-Chloro-3-methylphenol
Concen: 43.038 ng
RT: 8.581 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Tgt Ion:107 Resp: 507294
Ion Ratio Lower Upper
107 100
144 25.1 20.6 30.8
142 81.3 62.8 94.2





#37

2-Methylnaphthalene

Concen: 39.677 ng

RT: 8.739 min Scan# 1131

Delta R.T. 0.006 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

PB152410BSD

Tgt Ion:142 Resp: 104878

Ion Ratio Lower Upper

142 100

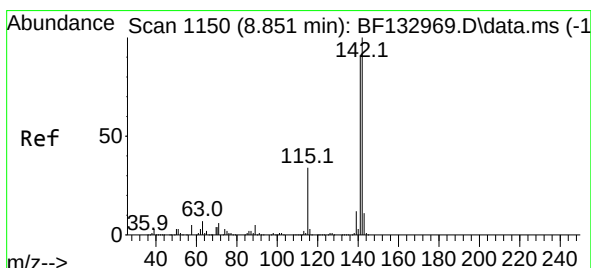
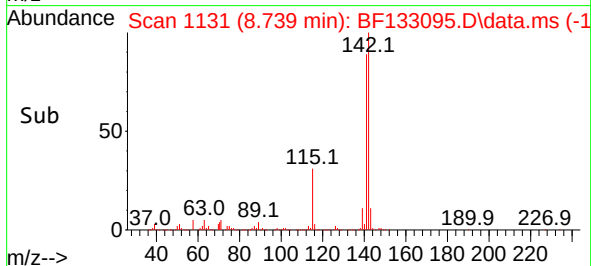
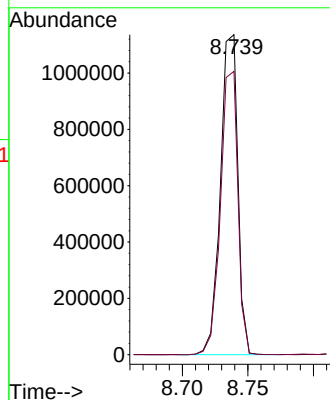
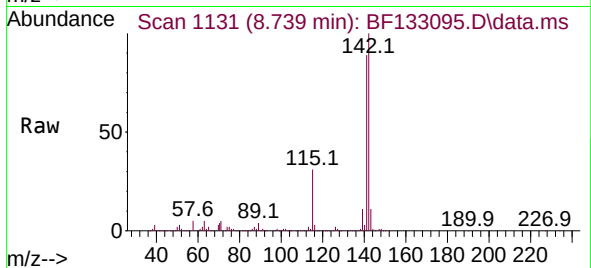
141 88.6 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#38

1-Methylnaphthalene

Concen: 39.836 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF133095.D

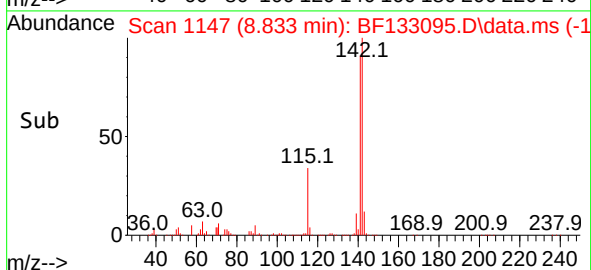
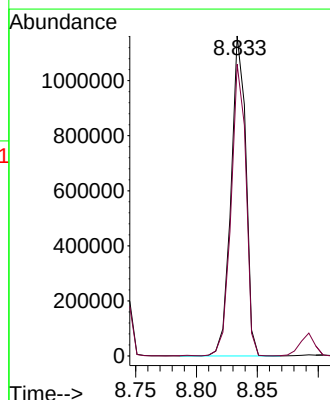
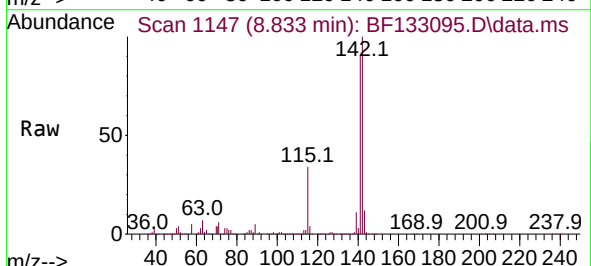
Acq: 27 Apr 2023 12:45

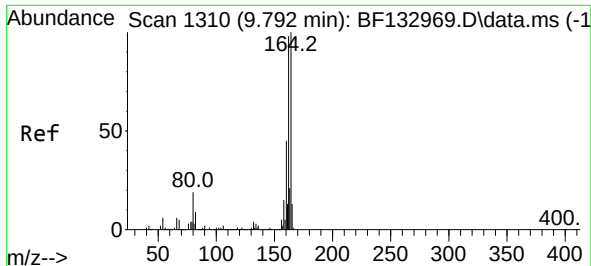
Tgt Ion:142 Resp: 985045

Ion Ratio Lower Upper

142 100

141 91.1 73.1 109.7





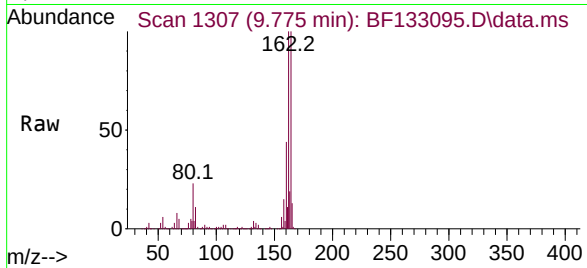
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 11307
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

PB152410BSD

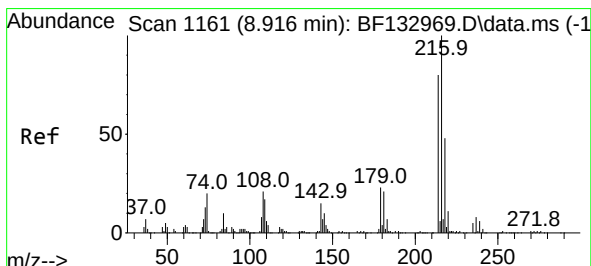
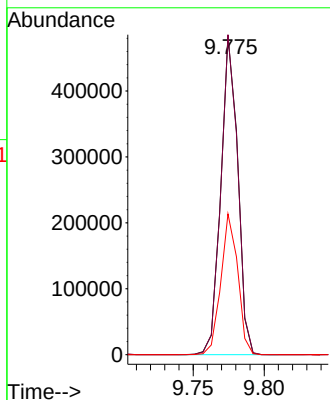
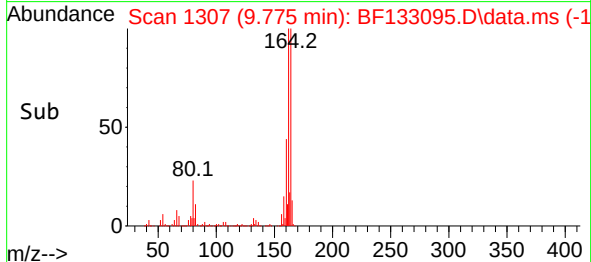


Tgt Ion:164 Resp: 399504
Ion Ratio Lower Upper
164 100
162 100.1 78.7 118.1
160 44.1 35.8 53.6

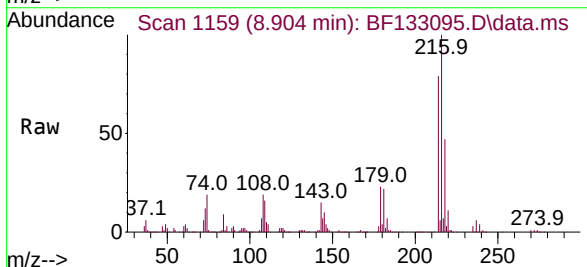
Manual Integrations

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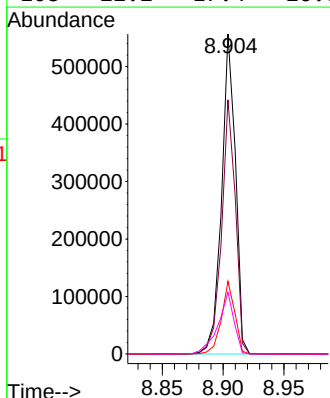
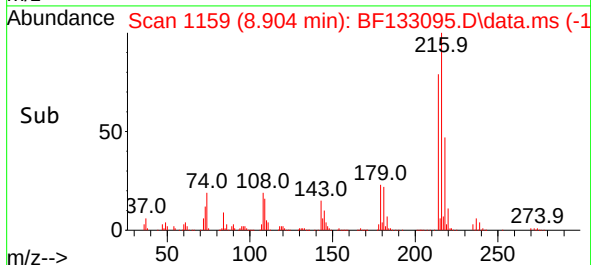
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

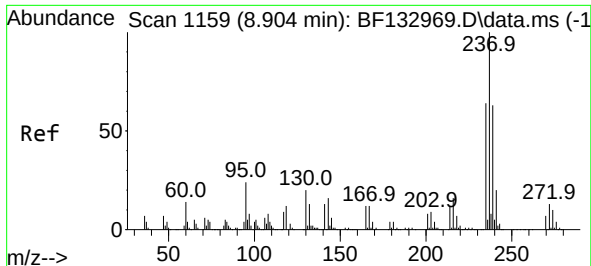


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.985 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45



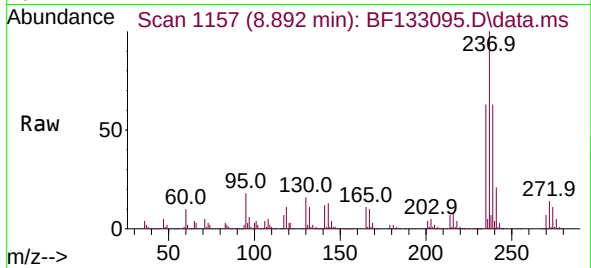
Tgt Ion:216 Resp: 440245
Ion Ratio Lower Upper
216 100
214 78.9 63.5 95.3
179 22.1 17.4 26.2
108 22.2 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 92.622 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

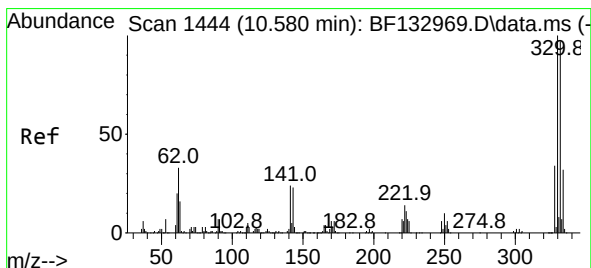
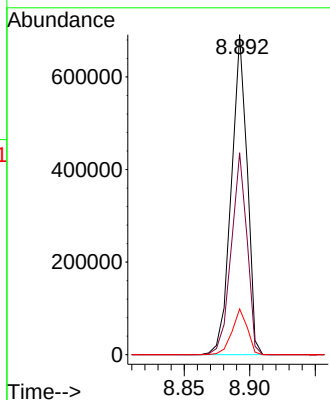
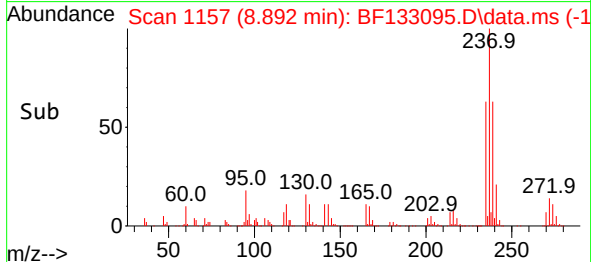
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



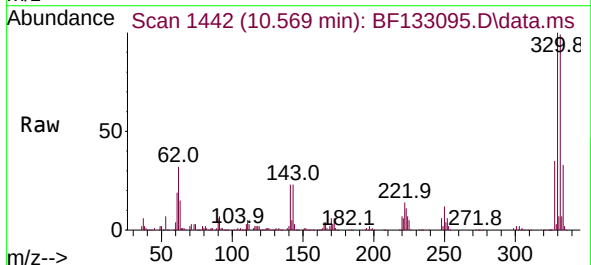
Tgt Ion:237 Resp: 58023
Ion Ratio Lower Upper
237 100
235 63.1 43.5 83.5
272 14.3 0.0 32.7

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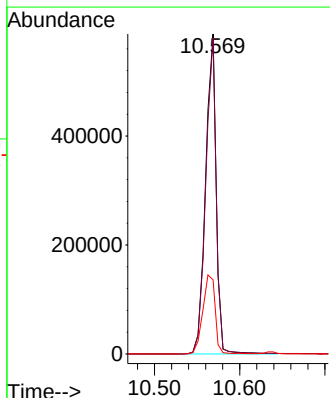
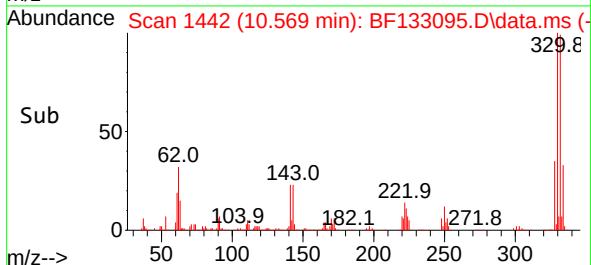
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

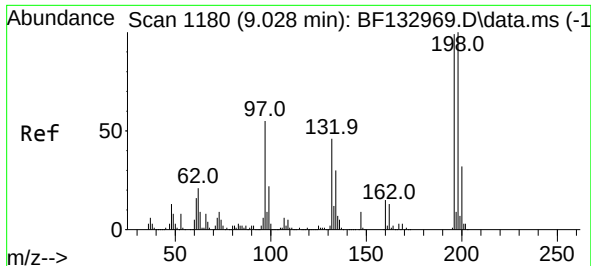


#42
2,4,6-Tribromophenol
Concen: 126.004 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45



Tgt Ion:330 Resp: 506257
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 28.9 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 42.239 ng

RT: 9.016 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

PB152410BSD

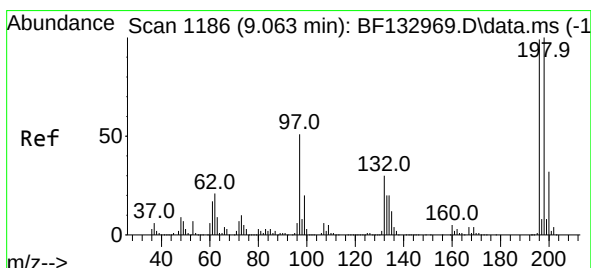
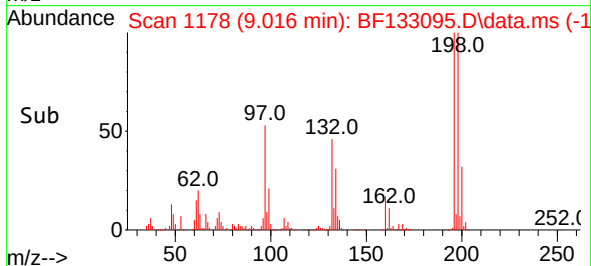
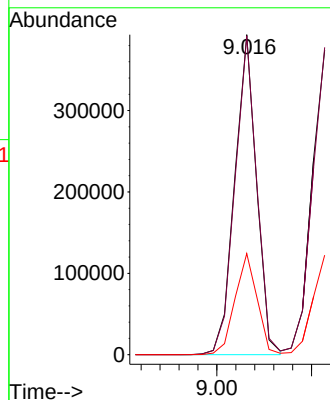
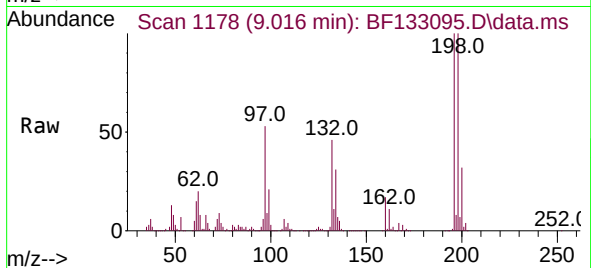
Tgt Ion:196 Resp: 313770
 Ion Ratio Lower Upper
 196 100
 198 99.6 81.0 121.6
 200 31.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#44

2,4,5-Trichlorophenol

Concen: 40.213 ng

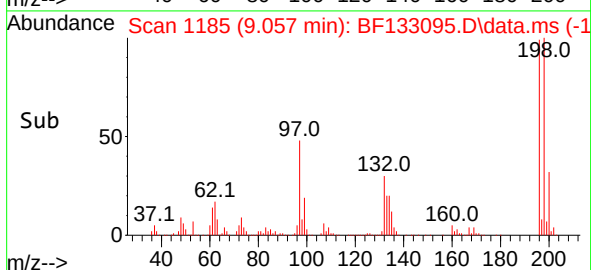
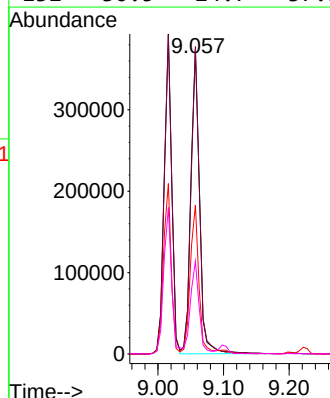
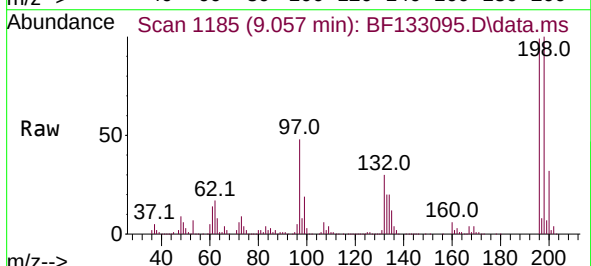
RT: 9.057 min Scan# 1185

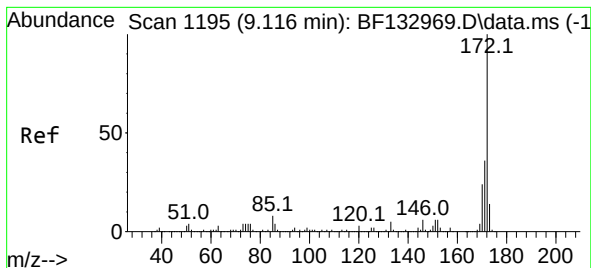
Delta R.T. -0.000 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

Tgt Ion:196 Resp: 345480
 Ion Ratio Lower Upper
 196 100
 198 100.9 80.9 121.3
 97 48.9 41.3 61.9
 132 30.5 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 82.710 ng

RT: 9.104 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

PB152410BSD

Tgt Ion:172 Resp: 197507

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

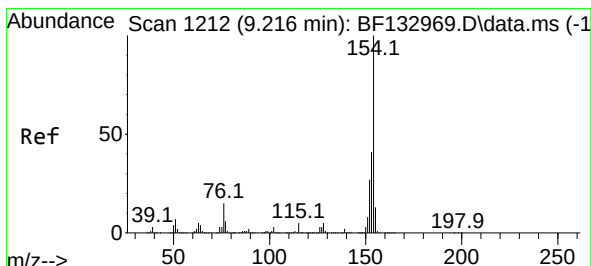
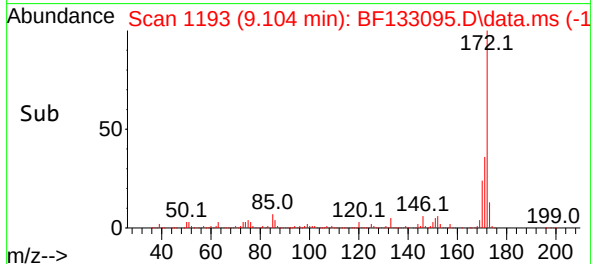
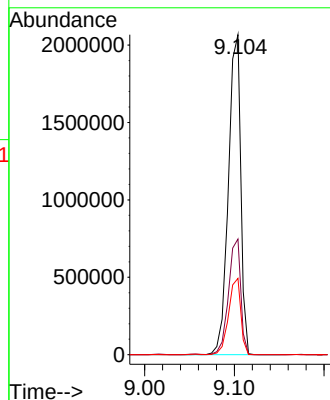
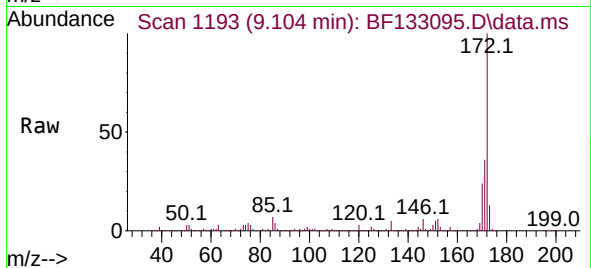
170 23.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#46

1,1'-Biphenyl

Concen: 40.839 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

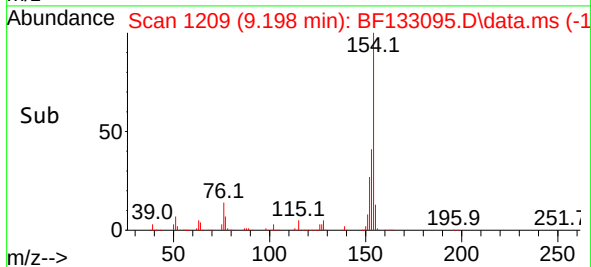
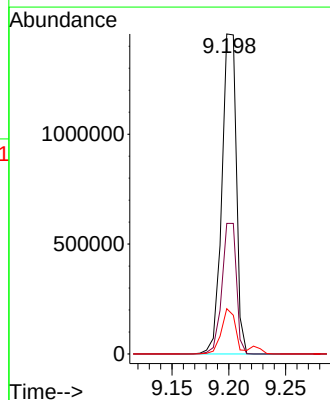
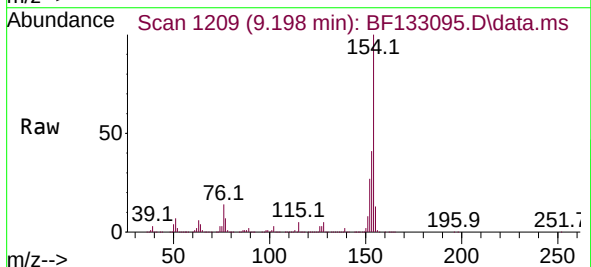
Tgt Ion:154 Resp: 1293729

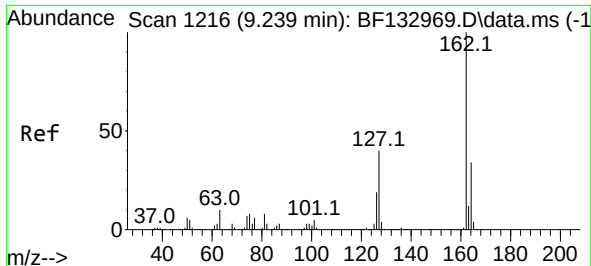
Ion Ratio Lower Upper

154 100

153 40.8 21.0 61.0

76 14.1 0.0 34.5





#47

2-Chloronaphthalene

Concen: 41.816 ng

RT: 9.222 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

PB152410BSD

Tgt Ion:162 Resp: 96958

Ion Ratio Lower Upper

162 100

127 41.4 32.3 48.5

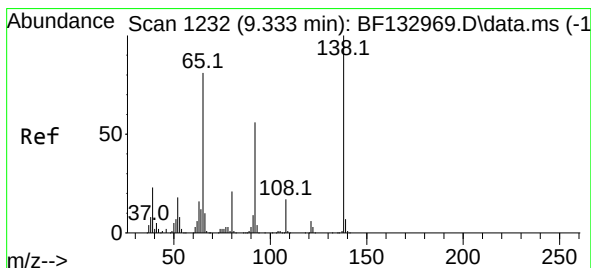
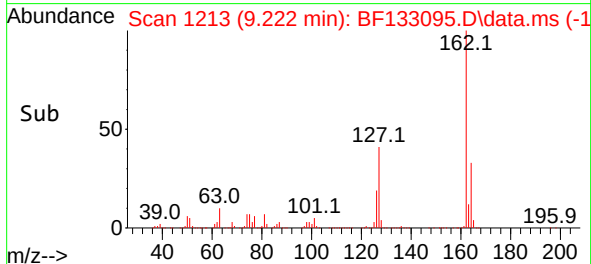
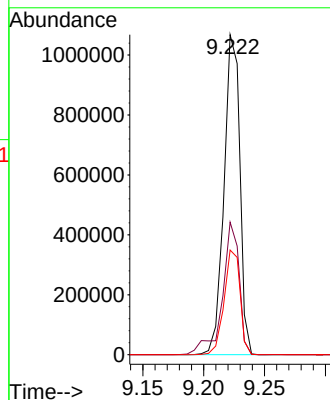
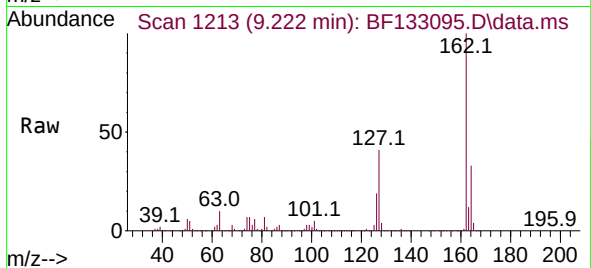
164 32.7 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#48

2-Nitroaniline

Concen: 40.109 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

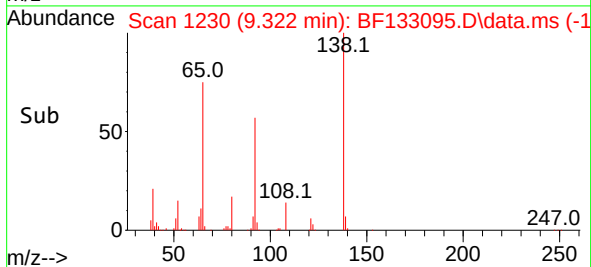
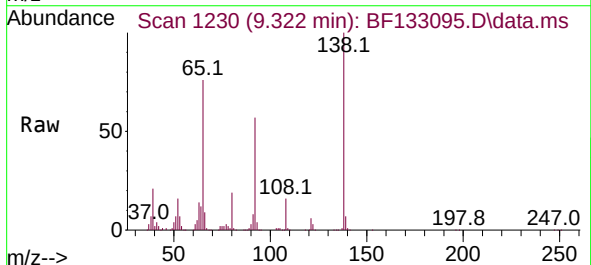
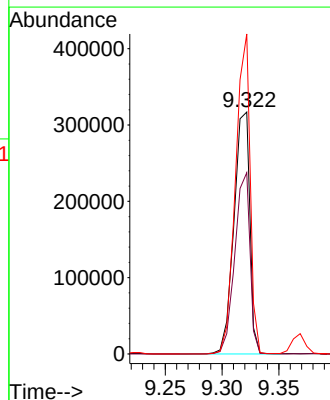
Tgt Ion: 65 Resp: 307358

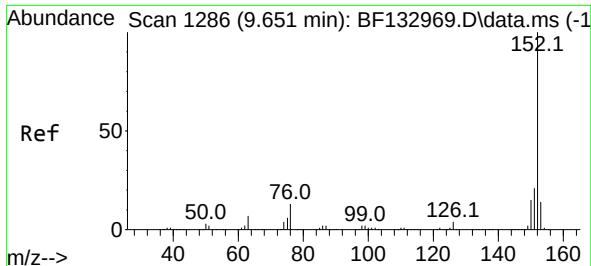
Ion Ratio Lower Upper

65 100

92 74.9 55.4 83.0

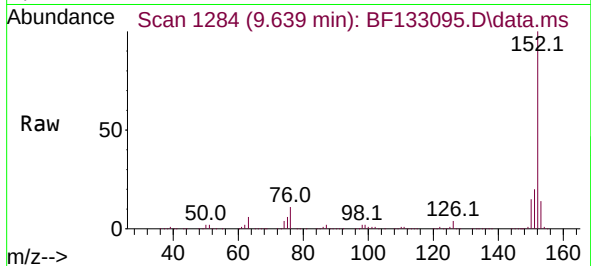
138 132.3 98.2 147.2





#49
Acenaphthylene
Concen: 40.460 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

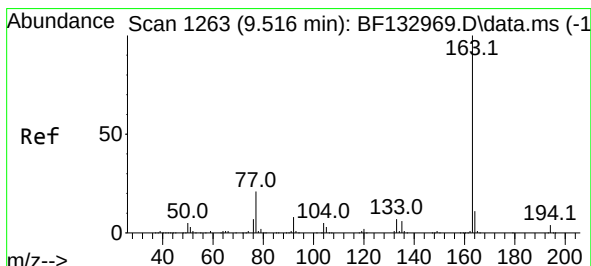
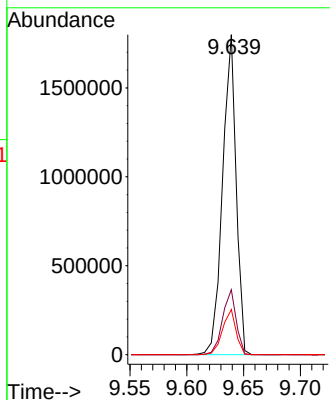
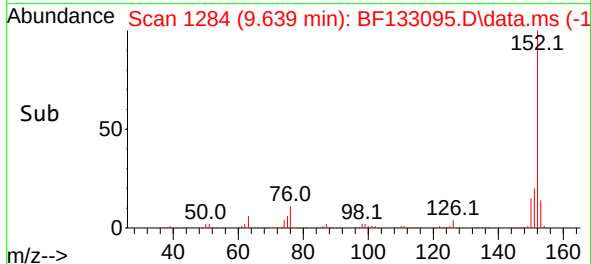
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



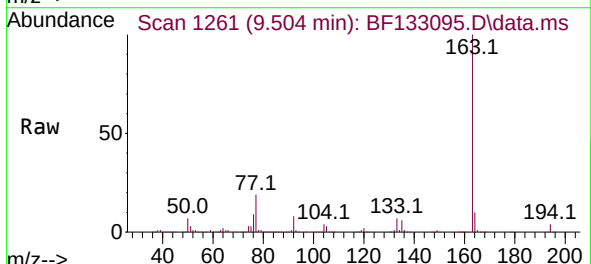
Tgt Ion:152 Resp: 1498999
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8
153 14.1 11.5 17.3

Manual Integrations
APPROVED

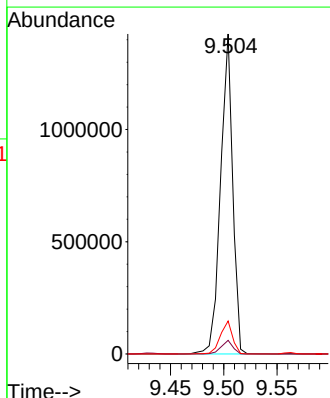
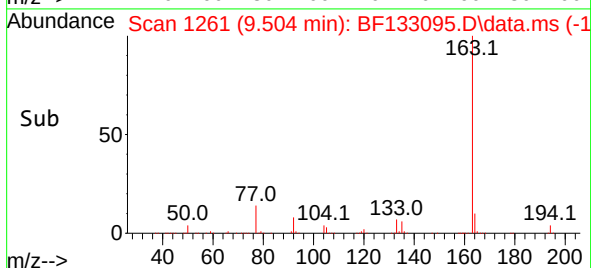
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

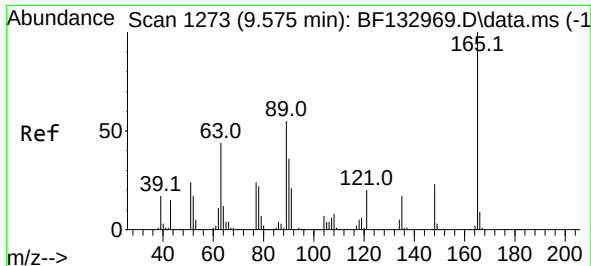


#50
Dimethylphthalate
Concen: 40.361 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45



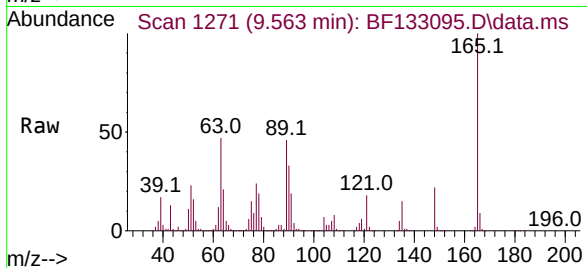
Tgt Ion:163 Resp: 1124334
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.3 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 42.261 ng
RT: 9.563 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

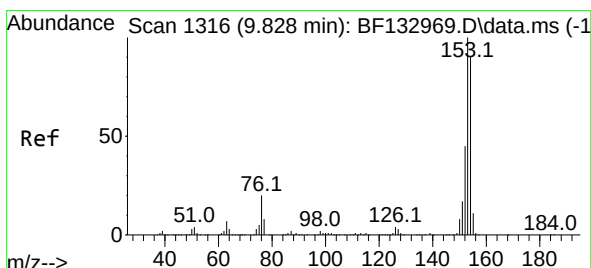
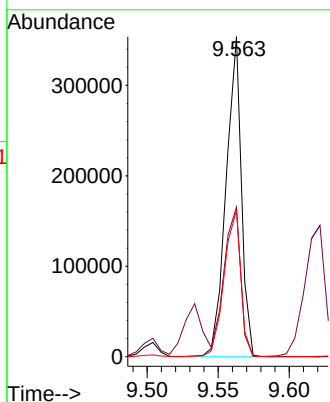
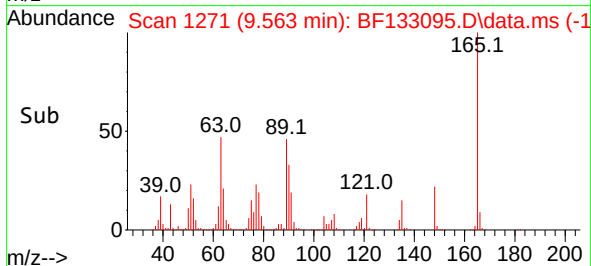
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



Tgt Ion:165 Resp: 26496
Ion Ratio Lower Upper
165 100
63 46.7 45.9 68.9
89 45.7 44.0 66.0

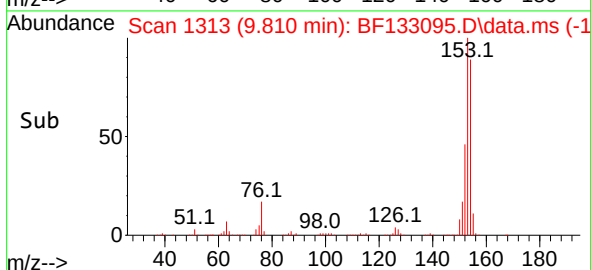
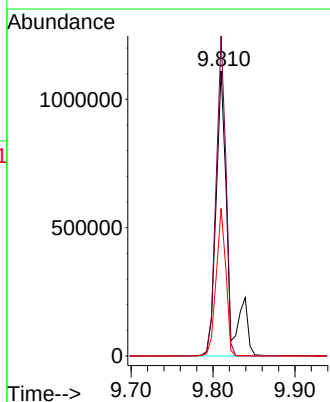
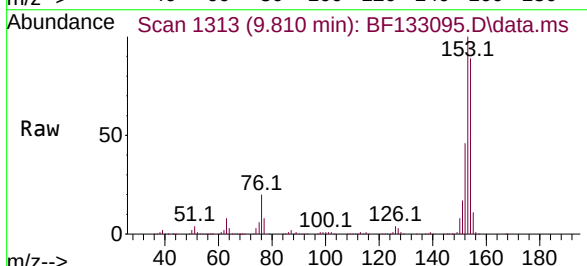
Manual Integrations
APPROVED

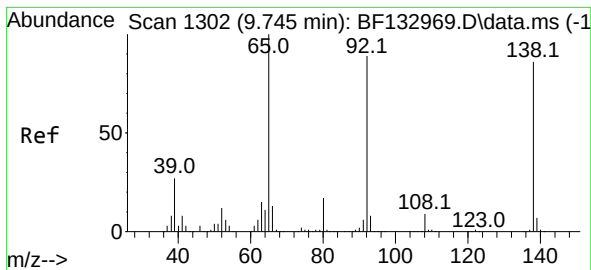
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#52
Acenaphthene
Concen: 45.040 ng m
RT: 9.810 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

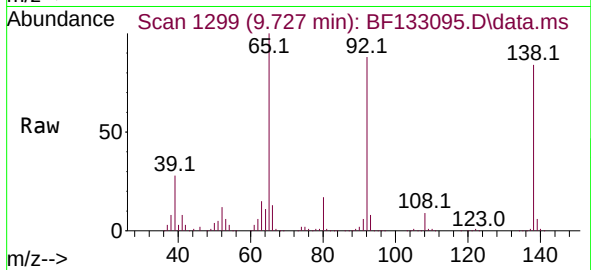
Tgt Ion:154 Resp: 1117609
Ion Ratio Lower Upper
154 100
153 112.2 89.0 133.6
152 51.7 40.4 60.6





#53
3-Nitroaniline
Concen: 31.981 ng
RT: 9.727 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

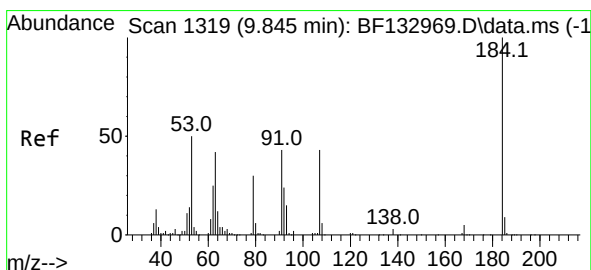
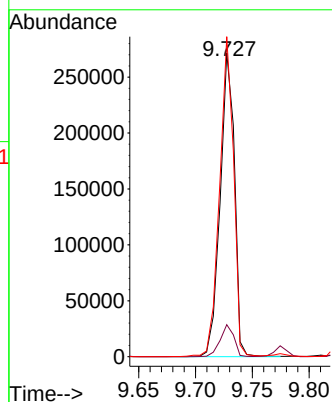
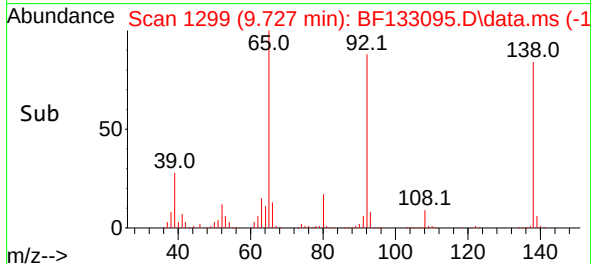
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



Tgt Ion:138 Resp: 23841
Ion Ratio Lower Upper
138 100
108 10.5 8.0 12.0
92 105.3 83.6 125.4

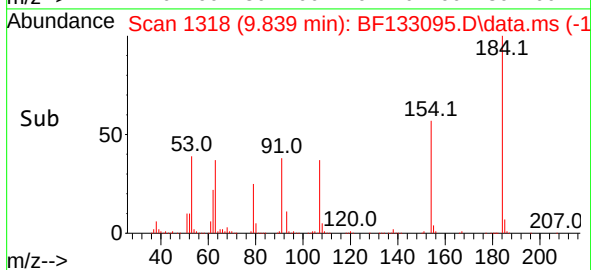
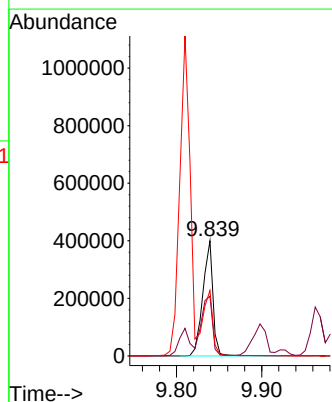
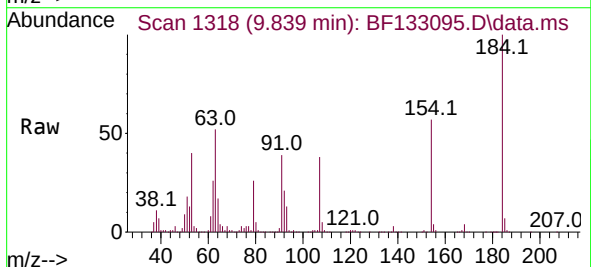
Manual Integrations
APPROVED

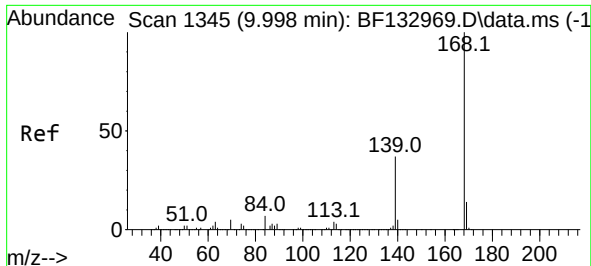
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#54
2,4-Dinitrophenol
Concen: 105.758 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

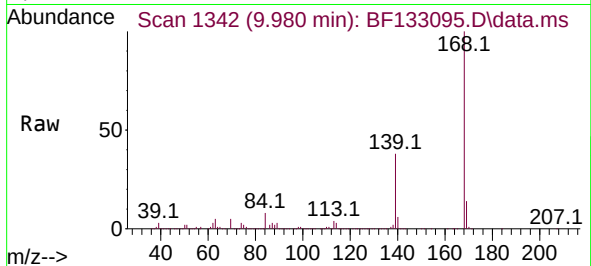
Tgt Ion:184 Resp: 333296
Ion Ratio Lower Upper
184 100
63 52.0 49.8 74.8
154 56.9 49.5 74.3





#55
Dibenzofuran
Concen: 39.829 ng
RT: 9.980 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

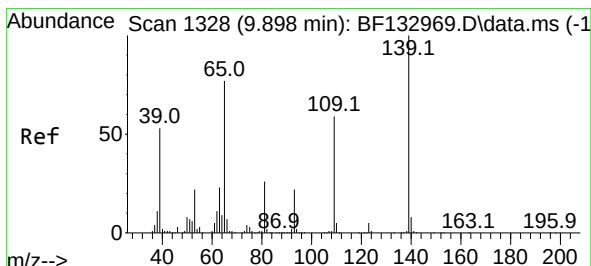
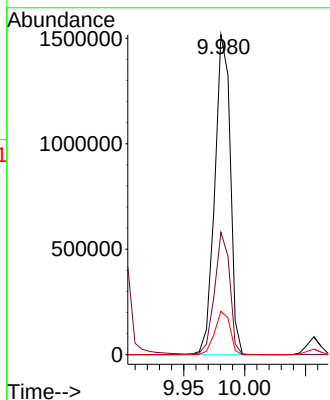
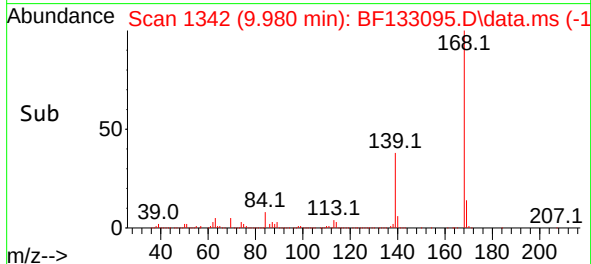
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



Tgt Ion:168 Resp: 1348134
Ion Ratio Lower Upper
168 100
139 38.2 29.8 44.8
169 13.6 10.8 16.2

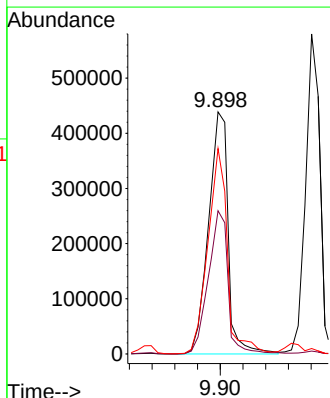
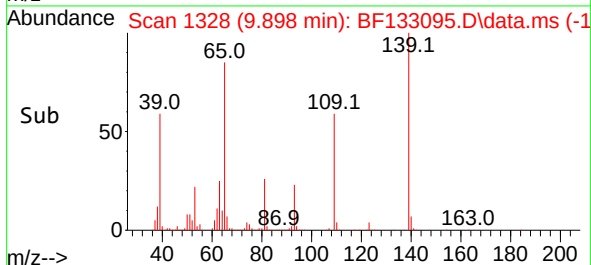
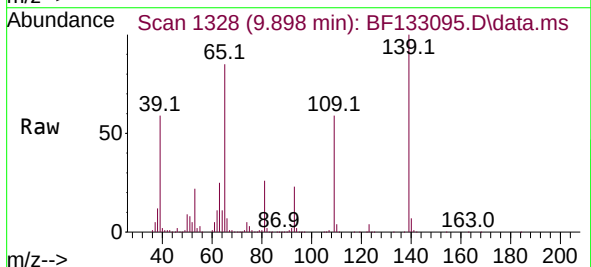
Manual Integrations
APPROVED

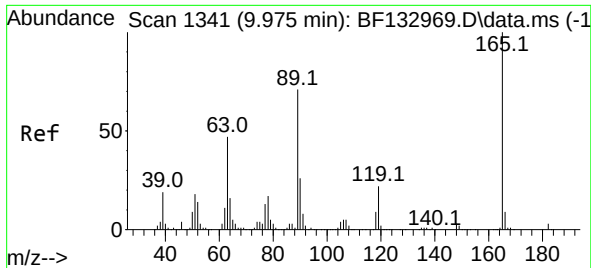
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#56
4-Nitrophenol
Concen: 91.269 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Tgt Ion:139 Resp: 526987
Ion Ratio Lower Upper
139 100
109 59.1 39.4 79.4
65 84.8 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 45.023 ng

RT: 9.969 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

PB152410BSD

Tgt Ion:165 Resp: 359990

Ion Ratio Lower Upper

165 100

63 35.0 37.7 56.5

89 57.2 57.0 85.4

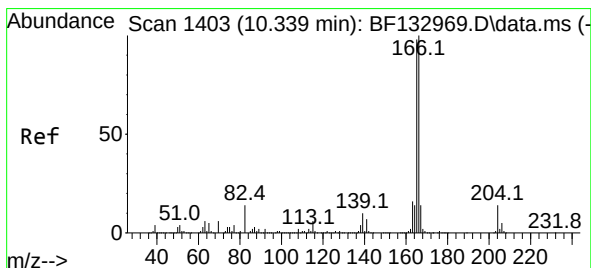
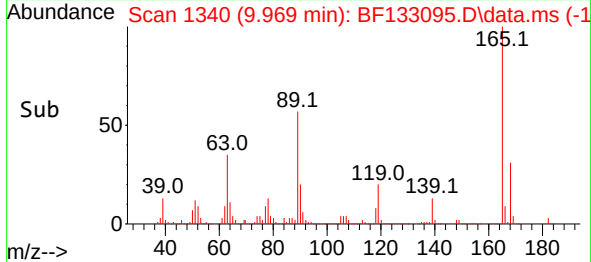
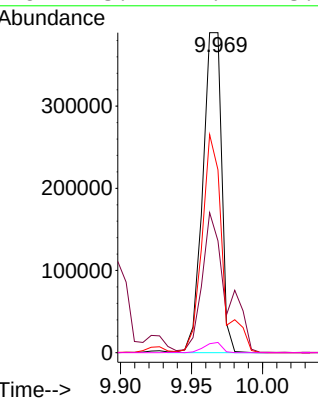
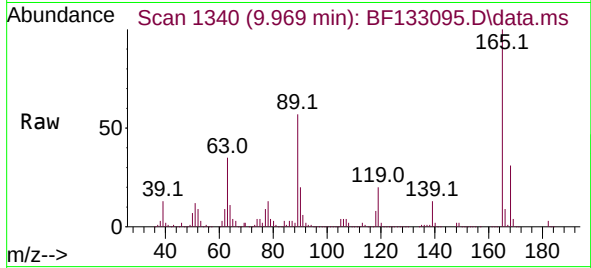
182 3.2 2.1 3.1#

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#58

Fluorene

Concen: 40.747 ng

RT: 10.322 min Scan# 1400

Delta R.T. -0.006 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

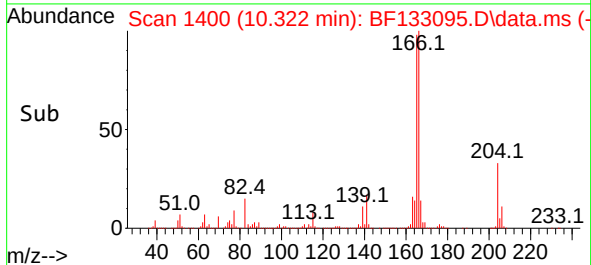
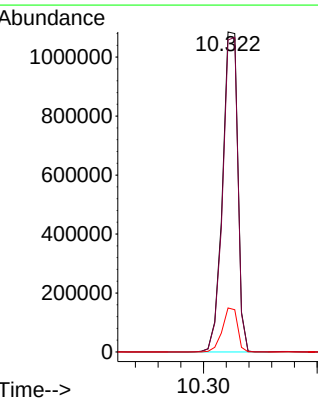
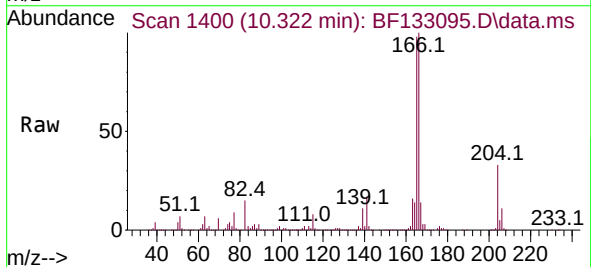
Tgt Ion:166 Resp: 1010474

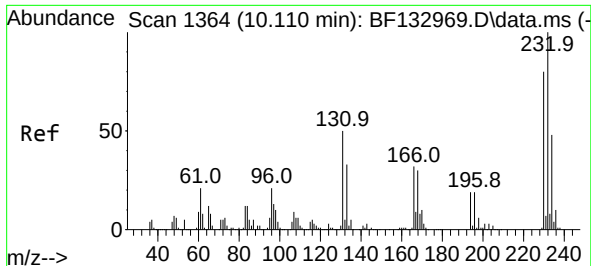
Ion Ratio Lower Upper

166 100

165 97.5 78.6 117.8

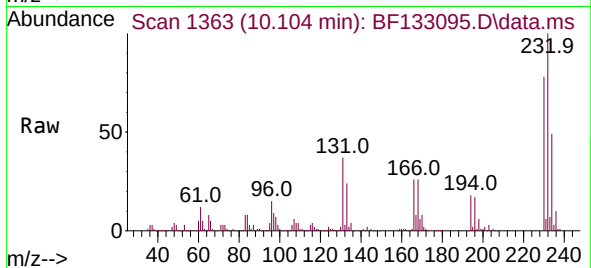
167 13.8 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.509 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

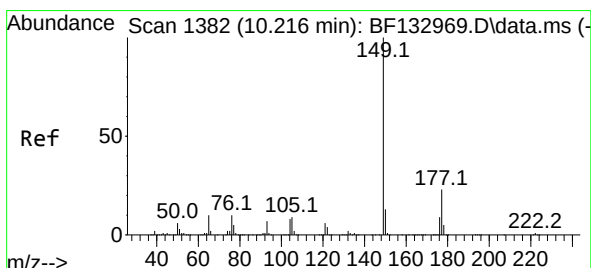
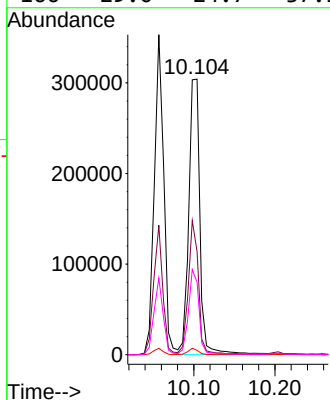
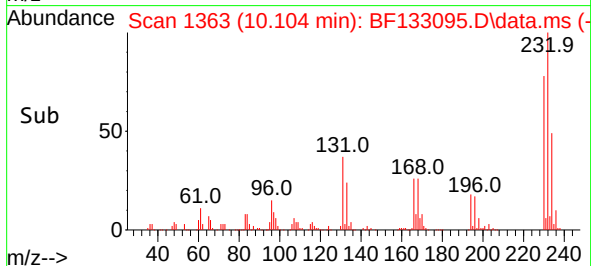
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



Tgt Ion:232 Resp: 289788
Ion Ratio Lower Upper
232 100
131 43.8 38.0 57.0
130 2.1 1.8 2.8
166 29.0 24.7 37.1

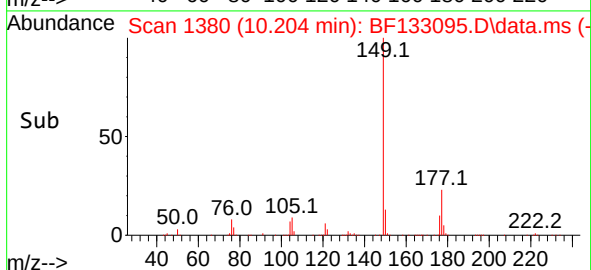
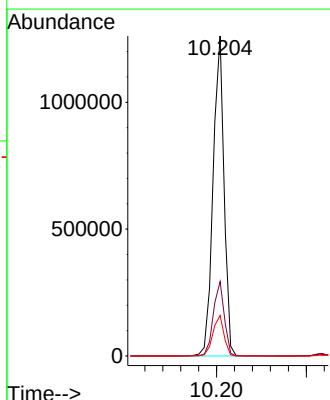
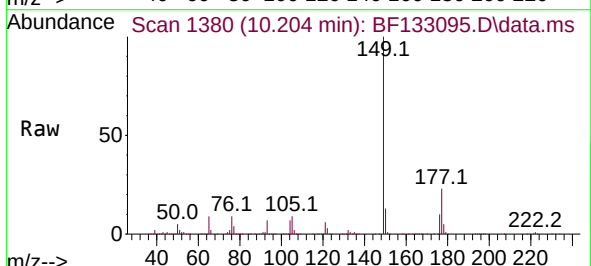
Manual Integrations
APPROVED

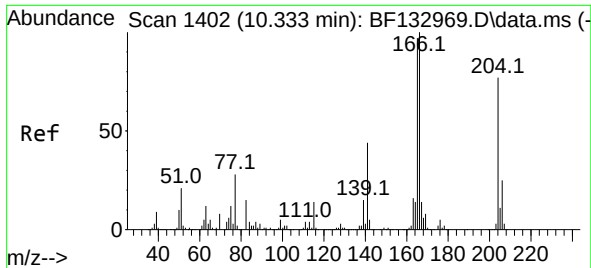
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#60
Diethylphthalate
Concen: 40.564 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Tgt Ion:149 Resp: 1067342
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.4
150 12.6 10.2 15.4





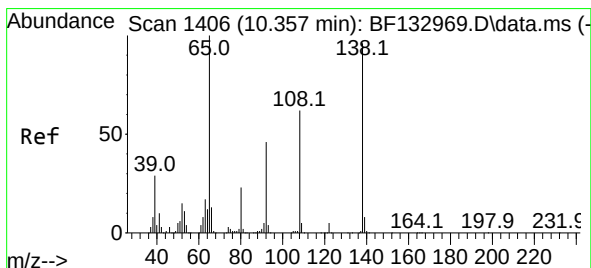
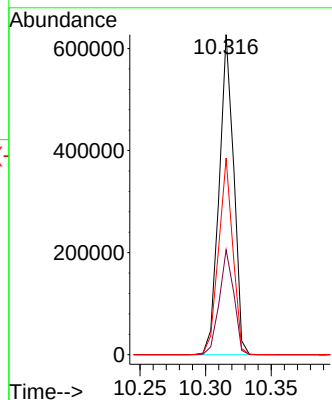
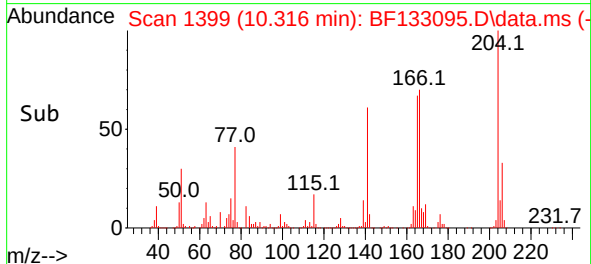
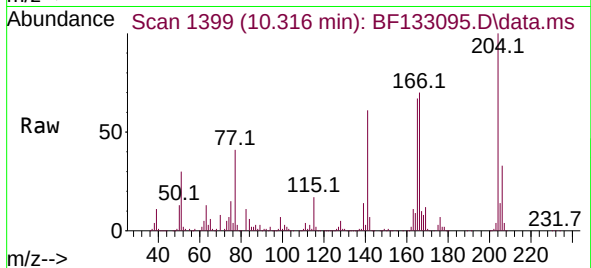
#61
4-Chlorophenyl-phenylether
Concen: 39.891 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Instrument :
BNA_F
ClientSampleId :
PB152410BSD

Tgt Ion:204 Resp: 482074
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 61.4 46.1 69.1

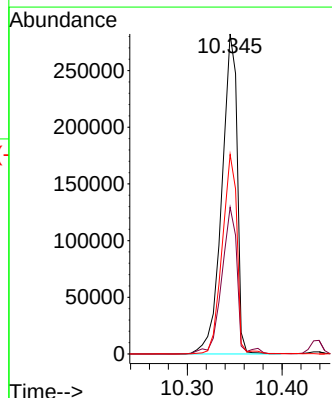
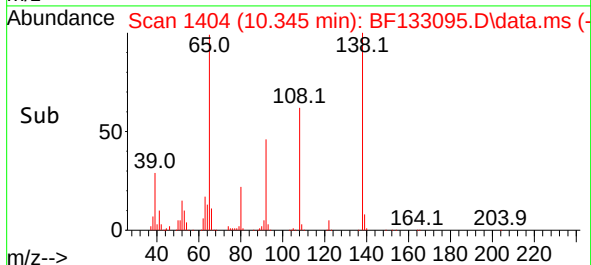
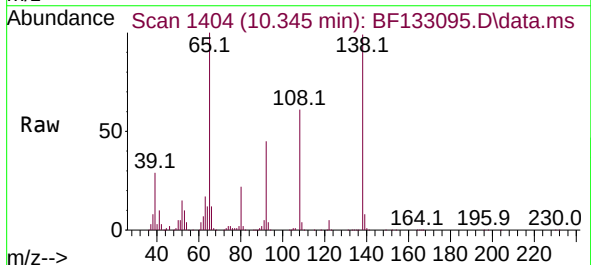
Manual Integrations
APPROVED

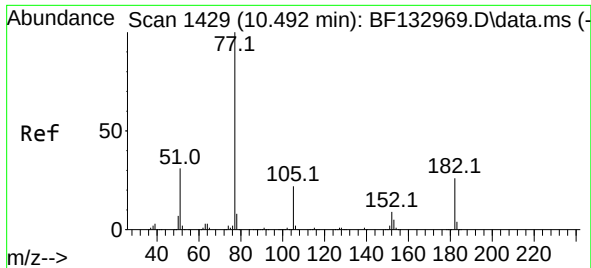
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#62
4-Nitroaniline
Concen: 46.515 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

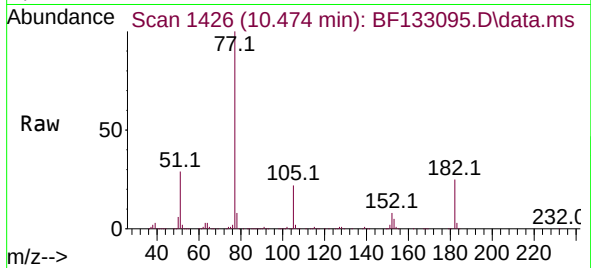
Tgt Ion:138 Resp: 318714
Ion Ratio Lower Upper
138 100
92 45.8 27.7 67.7
108 62.3 45.2 85.2





#63
Azobenzene
Concen: 38.047 ng
RT: 10.474 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

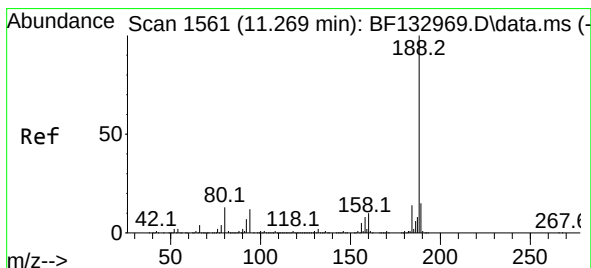
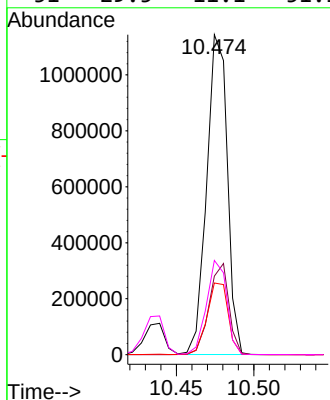
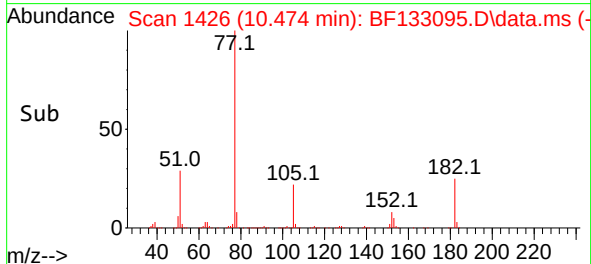
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



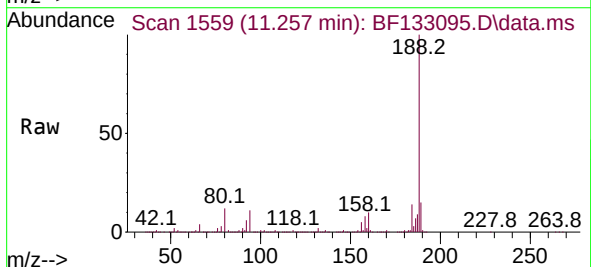
Tgt Ion: 77 Resp: 1060500
Ion Ratio Lower Upper
77 100
182 24.5 5.9 45.9
105 22.4 2.3 42.3
51 29.5 11.1 51.1

Manual Integrations
APPROVED

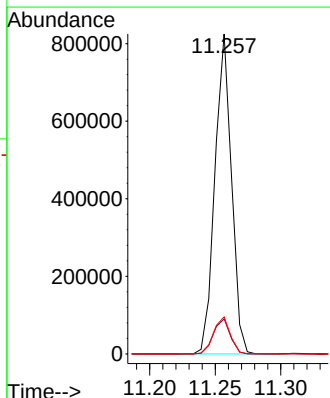
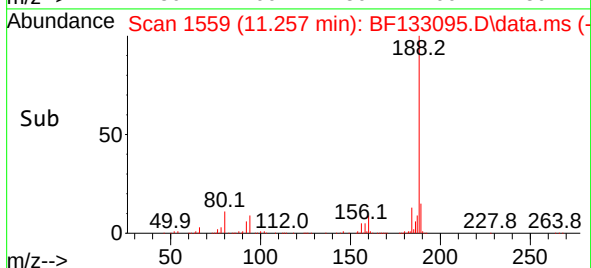
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

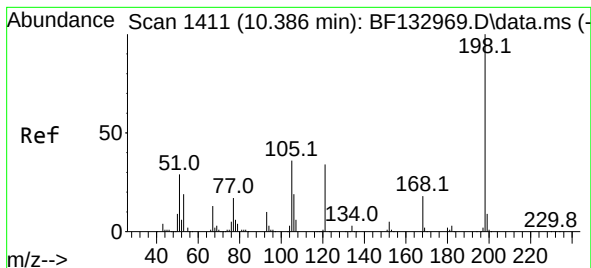


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45



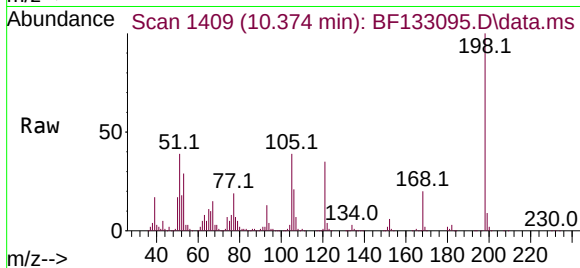
Tgt Ion:188 Resp: 723645
Ion Ratio Lower Upper
188 100
94 11.0 9.7 14.5
80 11.6 10.4 15.6





#65
4,6-Dinitro-2-methylphenol
Concen: 48.239 ng
RT: 10.374 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

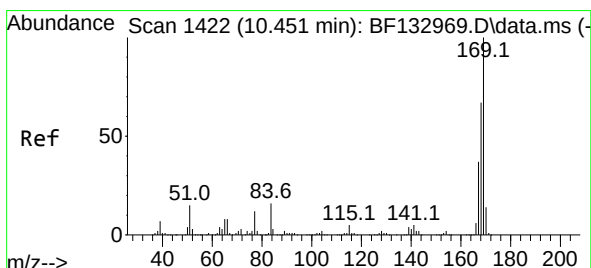
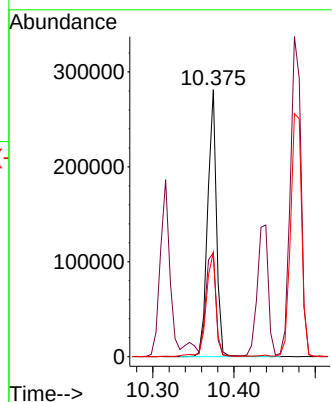
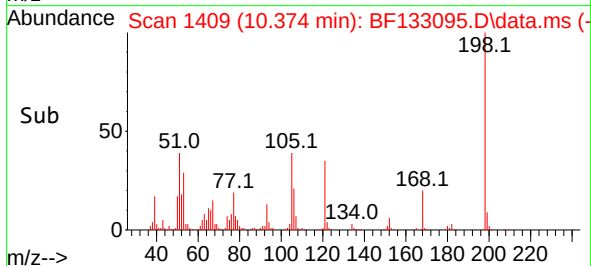
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



Tgt Ion:198 Resp: 211584
Ion Ratio Lower Upper
198 100
51 39.0 15.5 55.5
105 39.0 16.7 56.7

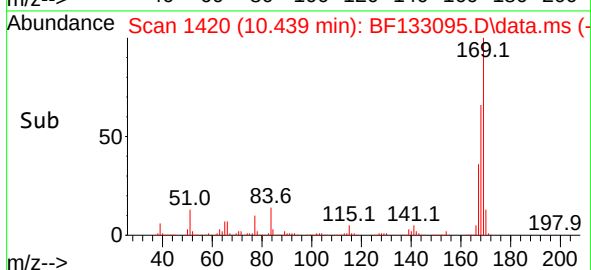
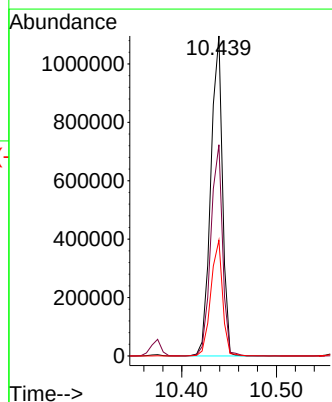
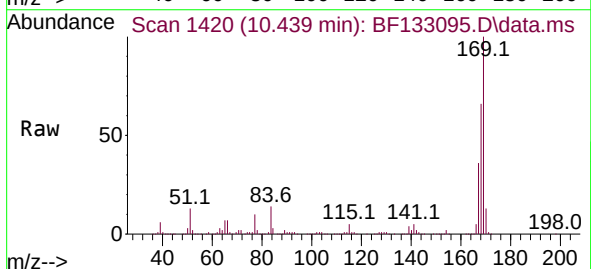
Manual Integrations
APPROVED

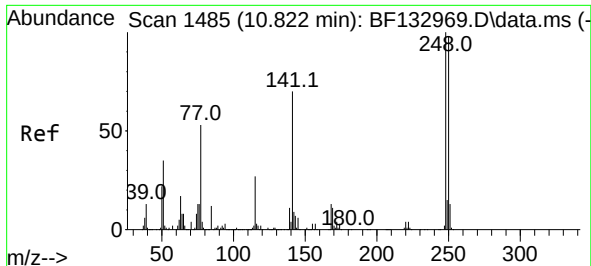
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#66
n-Nitrosodiphenylamine
Concen: 39.876 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

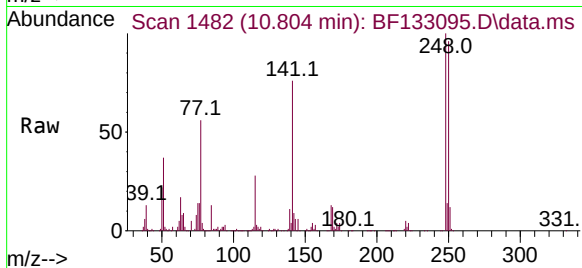
Tgt Ion:169 Resp: 936028
Ion Ratio Lower Upper
169 100
168 66.0 53.8 80.8
167 36.2 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 39.982 ng
RT: 10.804 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

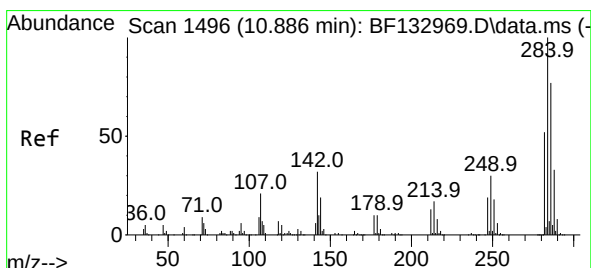
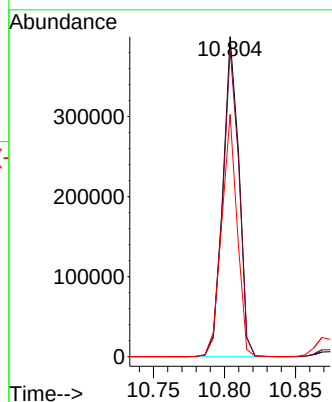
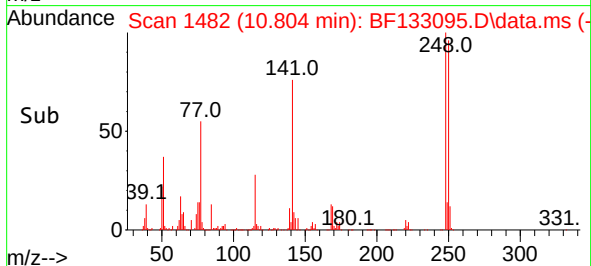
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



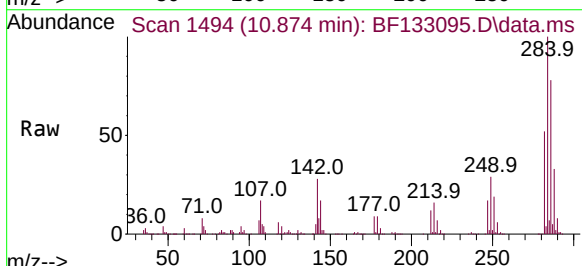
Tgt Ion:248 Resp: 313790
Ion Ratio Lower Upper
248 100
250 96.2 78.7 118.1
141 75.7 56.3 84.5

Manual Integrations
APPROVED

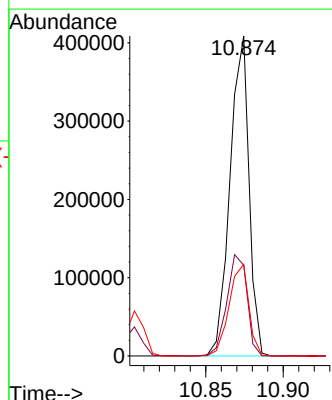
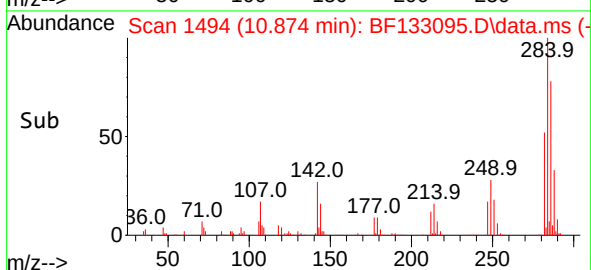
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

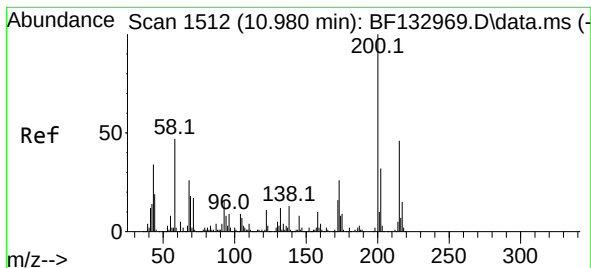


#68
Hexachlorobenzene
Concen: 43.341 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45



Tgt Ion:284 Resp: 348555
Ion Ratio Lower Upper
284 100
142 28.3 26.0 39.0
249 28.6 23.7 35.5





#69

Atrazine

Concen: 46.539 ng

RT: 10.969 min Scan# 1510

Delta R.T. 0.006 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

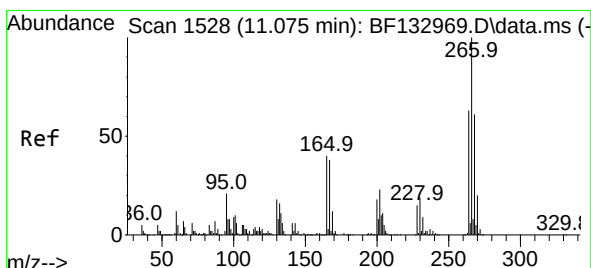
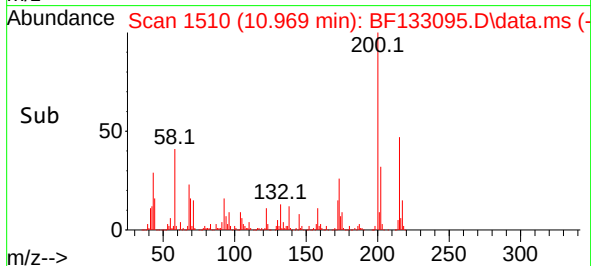
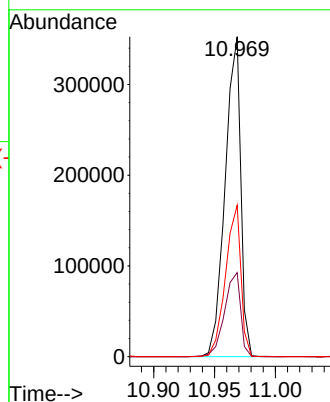
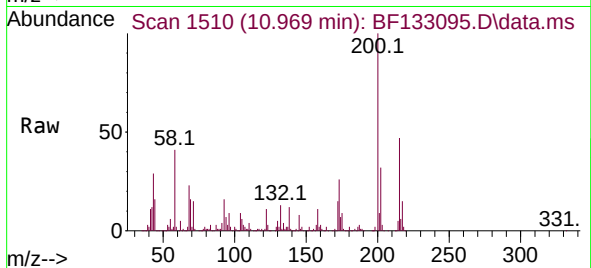
PB152410BSD

Tgt Ion:	200	Resp:	314770
Ion Ratio	Lower	Upper	
200	100		
173	26.3	6.2	46.2
215	47.3	26.3	66.3

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 75.704 ng

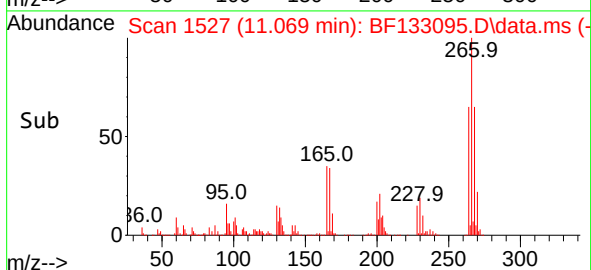
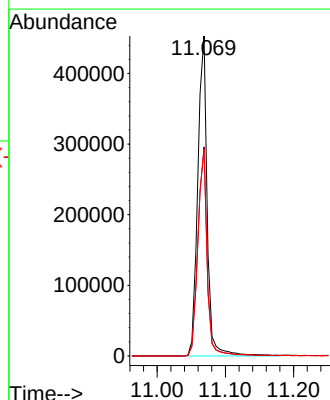
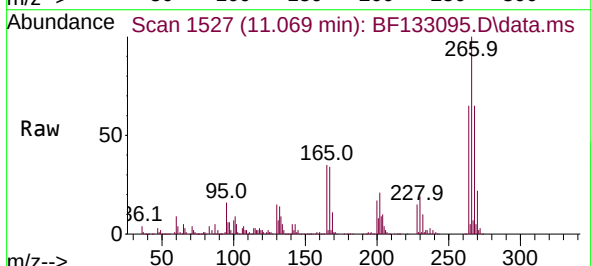
RT: 11.069 min Scan# 1527

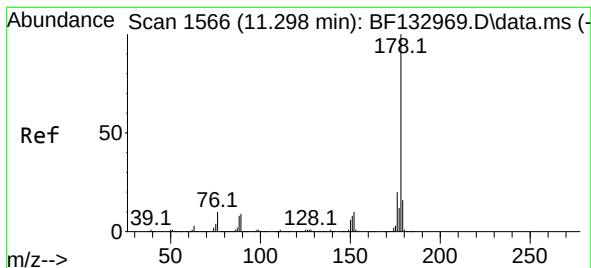
Delta R.T. 0.006 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

Tgt Ion:	266	Resp:	433598
Ion Ratio	Lower	Upper	
266	100		
268	65.3	48.8	73.2
264	64.6	50.6	76.0





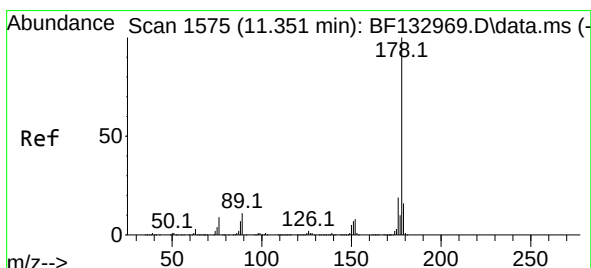
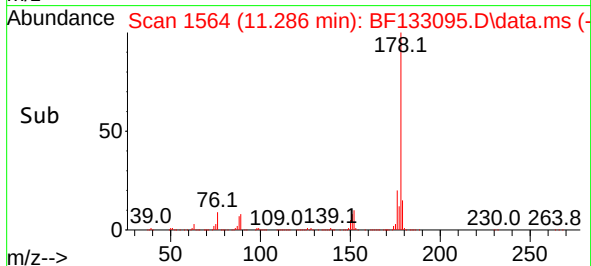
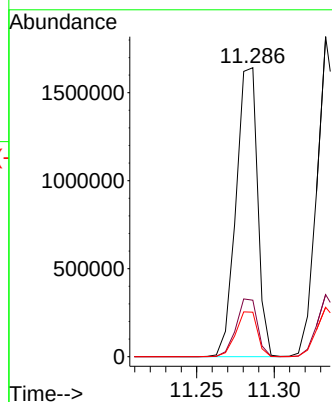
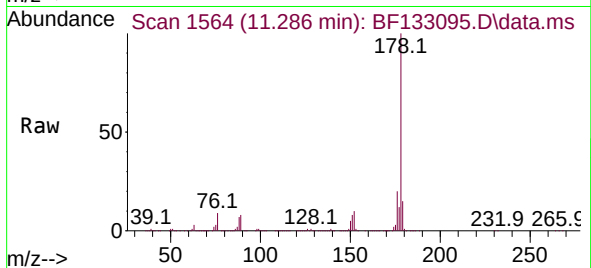
#71
Phenanthrene
Concen: 40.826 ng
RT: 11.286 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Instrument :
BNA_F
ClientSampleId :
PB152410BSD

Tgt Ion:178 Resp: 158787
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.4 12.5 18.7

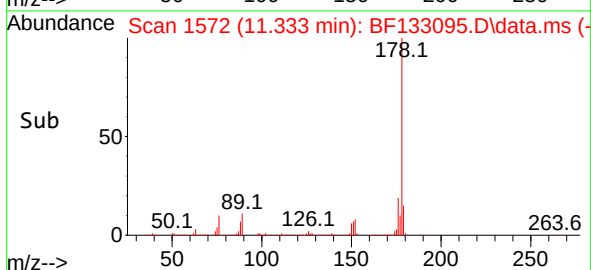
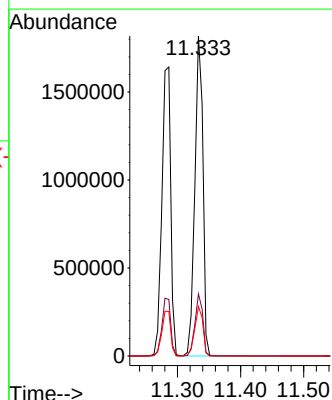
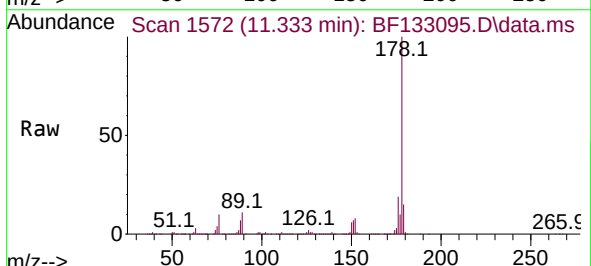
Manual Integrations
APPROVED

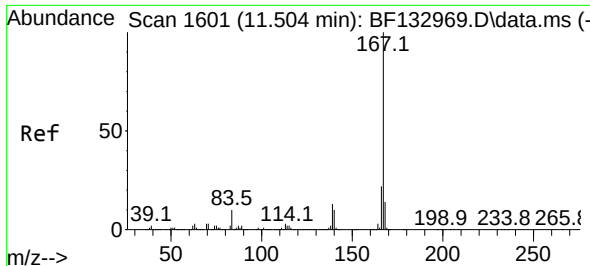
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#72
Anthracene
Concen: 40.599 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

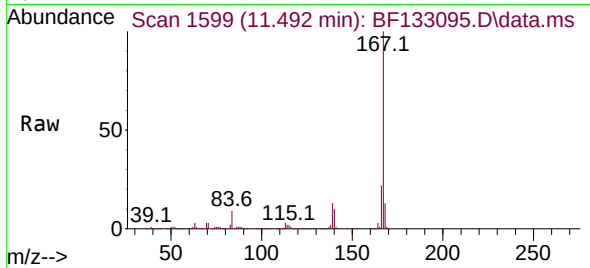
Tgt Ion:178 Resp: 1615968
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.4 18.6





#73
Carbazole
Concen: 42.530 ng
RT: 11.492 min Scan# 11492
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

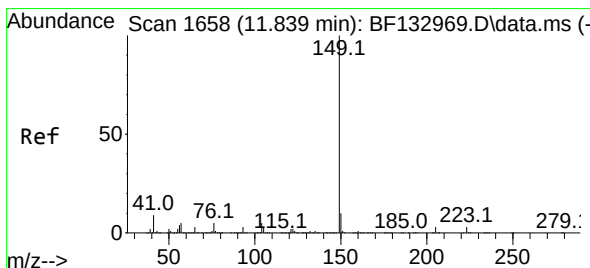
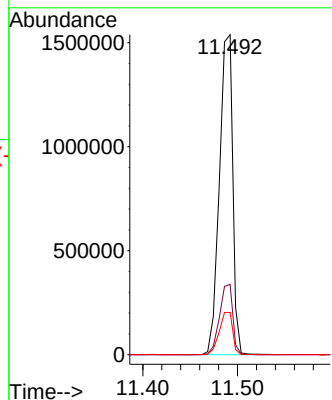
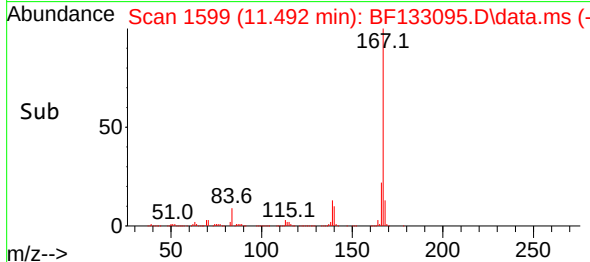
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



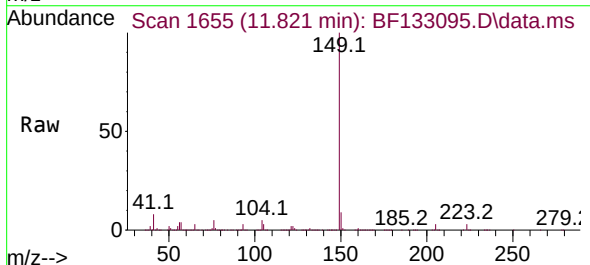
Tgt Ion:167 Resp: 1507344
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.0
139 13.2 10.6 16.0

Manual Integrations
APPROVED

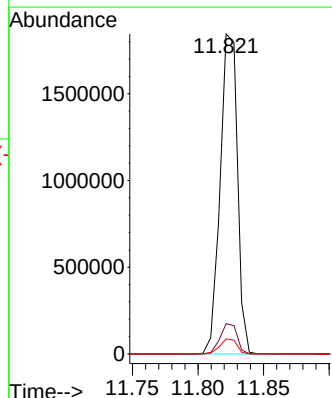
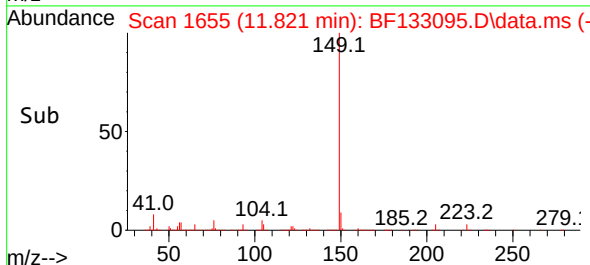
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

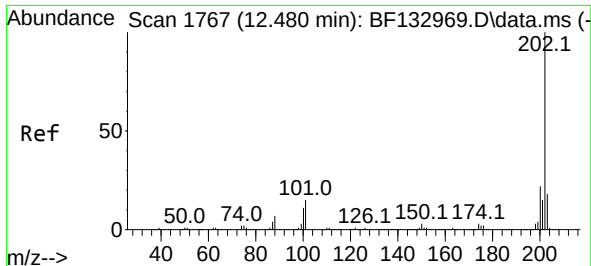


#74
Di-n-butylphthalate
Concen: 42.203 ng
RT: 11.821 min Scan# 1655
Delta R.T. -0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45



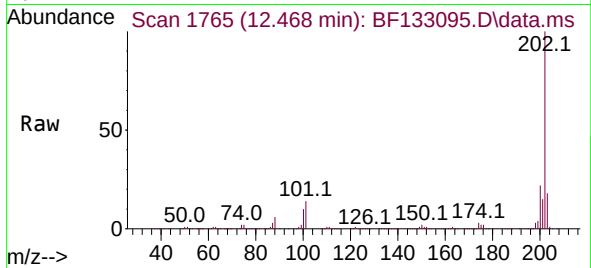
Tgt Ion:149 Resp: 1692693
Ion Ratio Lower Upper
149 100
150 9.5 7.6 11.4
104 4.7 4.0 6.0





#75
Fluoranthene
Concen: 42.275 ng
RT: 12.468 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

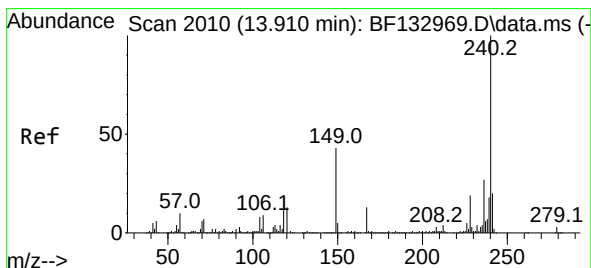
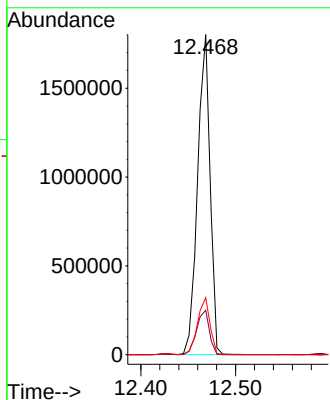
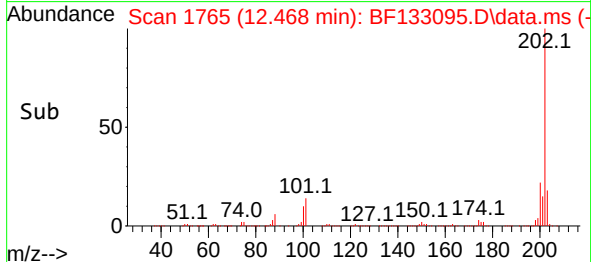
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



Tgt Ion:202 Resp: 1650150
Ion Ratio Lower Upper
202 100
101 13.9 0.0 35.3
203 17.8 0.0 38.1

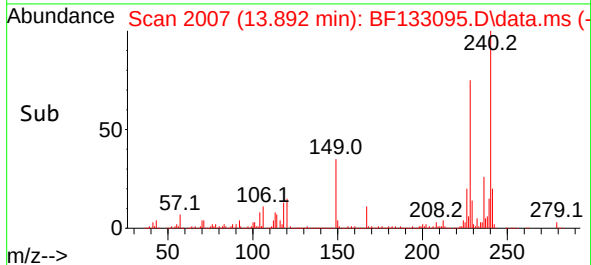
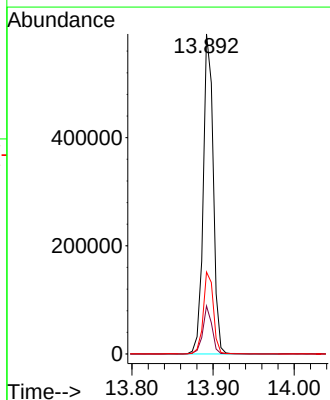
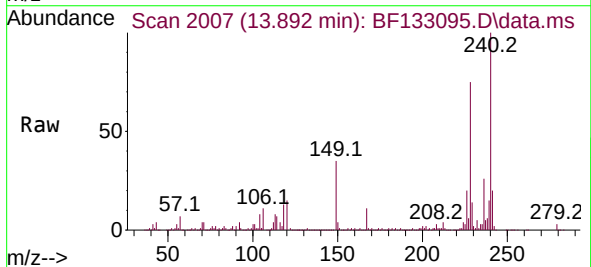
Manual Integrations
APPROVED

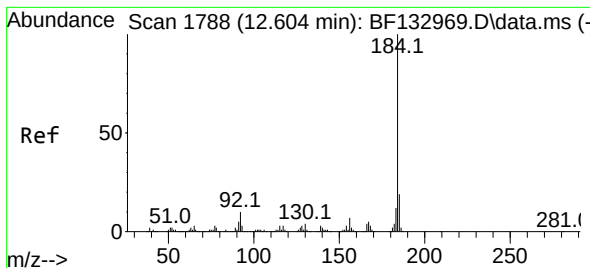
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Tgt Ion:240 Resp: 505662
Ion Ratio Lower Upper
240 100
120 15.0 10.5 15.7
236 25.6 21.5 32.3





#77

Benzidine

Concen: 95.180 ng

RT: 12.592 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

PB152410BSD

Tgt Ion:184 Resp: 81388

Ion Ratio Lower Upper

184 100

185 14.5 15.4 23.2

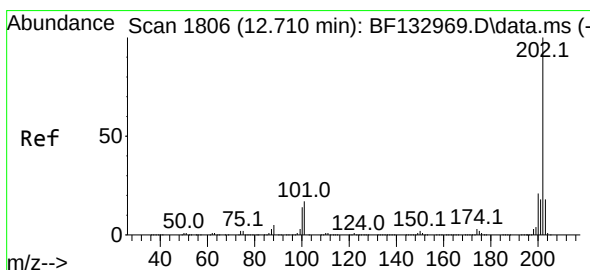
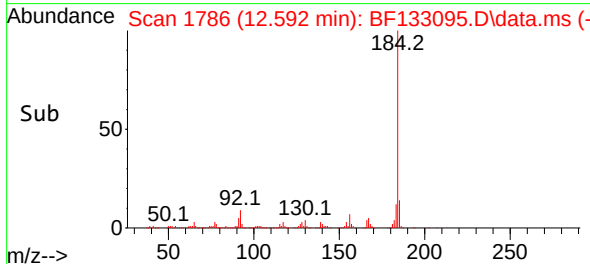
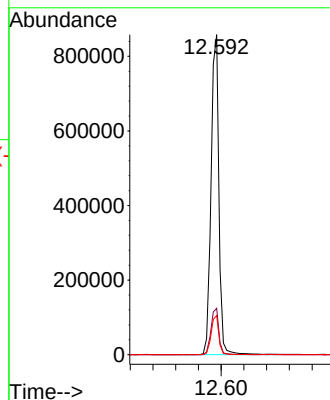
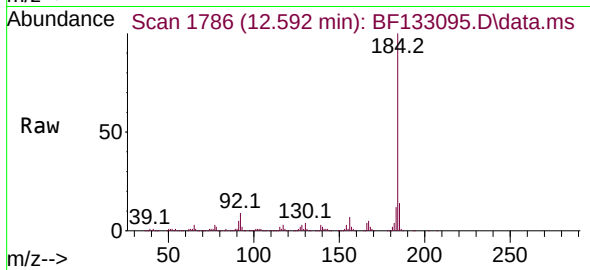
183 12.2 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#78

Pyrene

Concen: 39.382 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

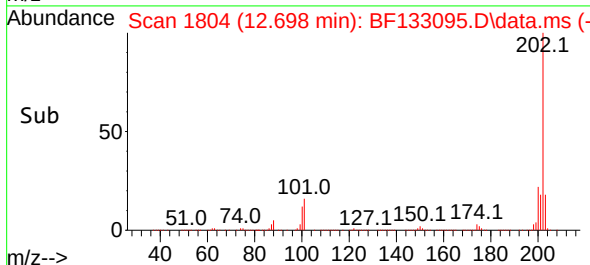
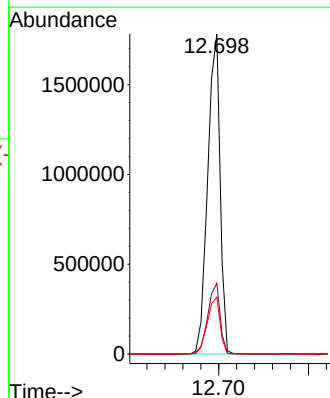
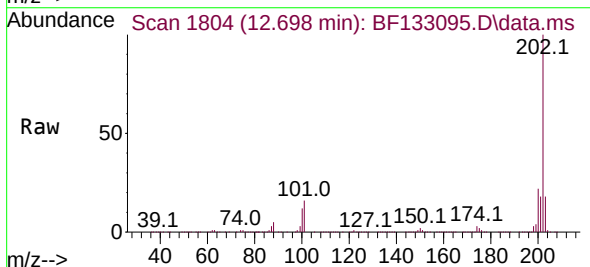
Tgt Ion:202 Resp: 1707104

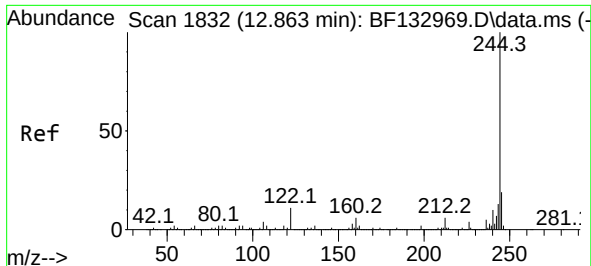
Ion Ratio Lower Upper

202 100

200 22.1 17.1 25.7

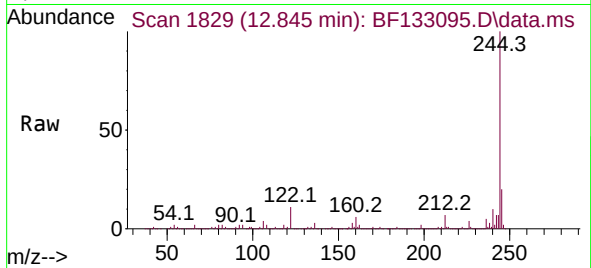
203 17.7 14.1 21.1





#79
 Terphenyl-d14
 Concen: 80.414 ng
 RT: 12.845 min Scan# 1832
 Delta R.T. -0.000 min
 Lab File: BF133095.D
 Acq: 27 Apr 2023 12:45

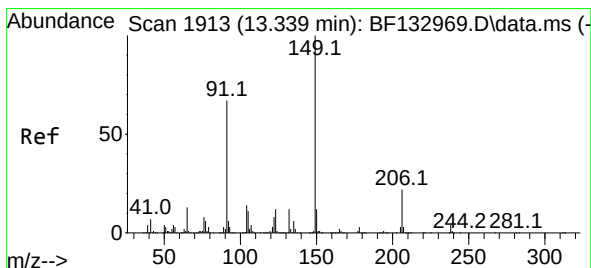
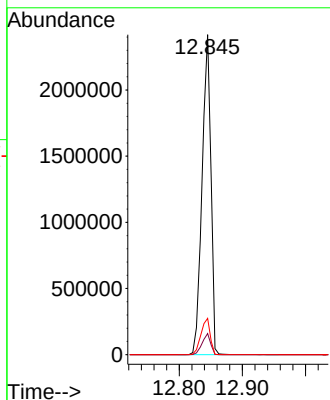
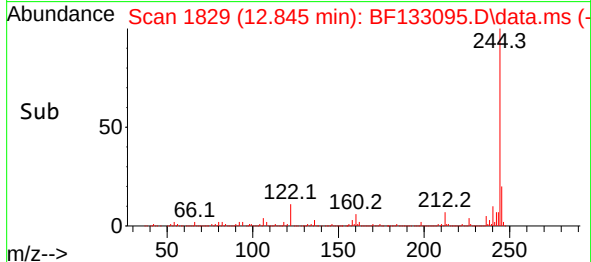
Instrument :
 BNA_F
 ClientSampleId :
 PB152410BSD



Tgt Ion:244 Resp: 2357690
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.4 8.6 13.0

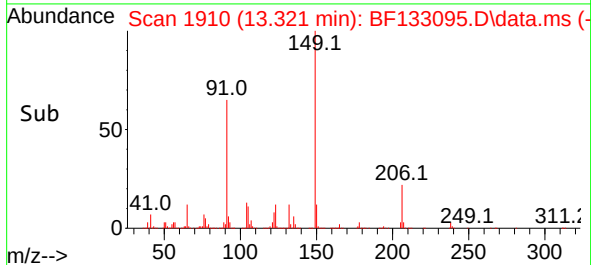
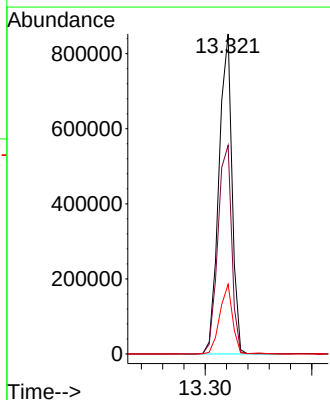
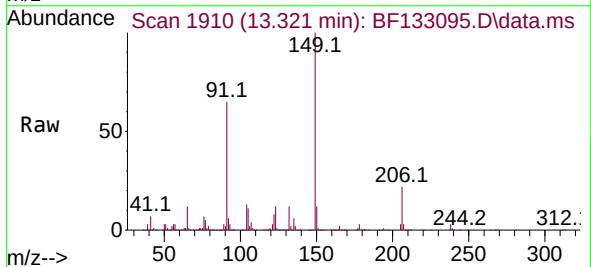
Manual Integrations
 APPROVED

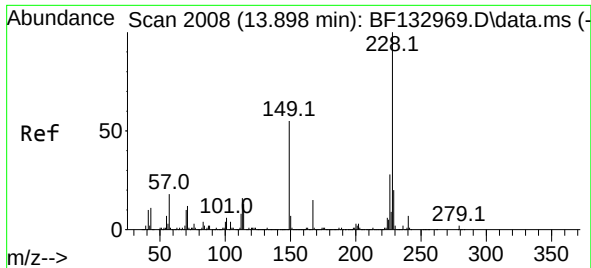
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023



#80
 Butylbenzylphthalate
 Concen: 47.368 ng
 RT: 13.321 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: BF133095.D
 Acq: 27 Apr 2023 12:45

Tgt Ion:149 Resp: 727004
 Ion Ratio Lower Upper
 149 100
 91 65.2 53.8 80.6
 206 21.8 17.5 26.3





#81
Benzo(a)anthracene
Concen: 40.535 ng
RT: 13.880 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

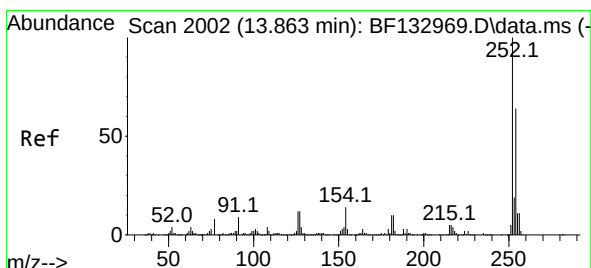
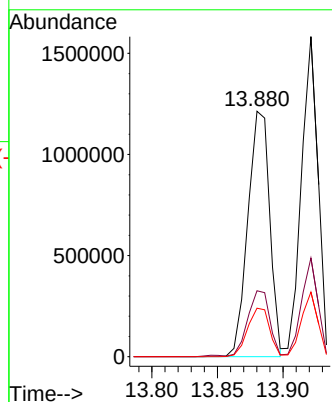
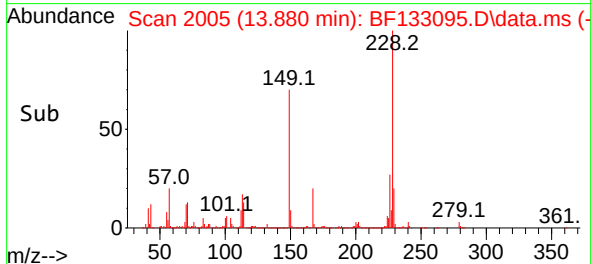
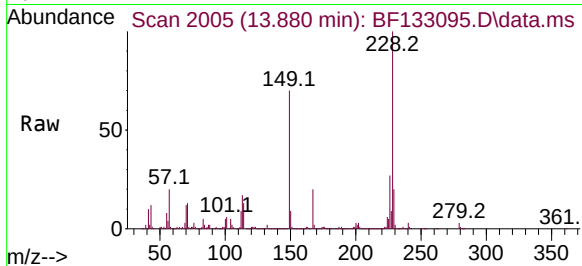
PB152410BSD

Tgt Ion:228 Resp: 1409530
Ion Ratio Lower Upper
228 100
226 26.8 22.2 33.4
229 19.7 16.0 24.0

Manual Integrations

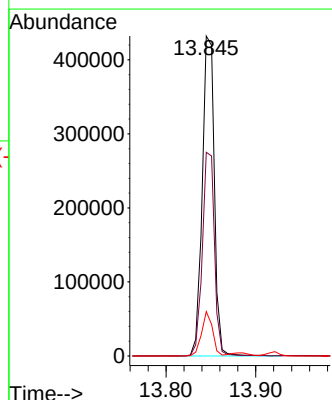
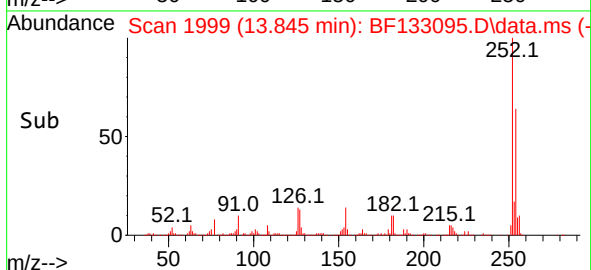
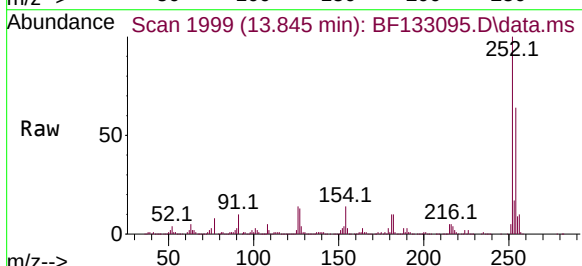
APPROVED

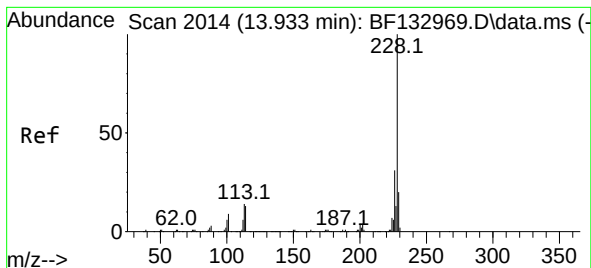
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#82
3,3'-Dichlorobenzidine
Concen: 42.061 ng
RT: 13.845 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Tgt Ion:252 Resp: 404037
Ion Ratio Lower Upper
252 100
254 63.7 51.5 77.3
126 13.9 9.5 14.3





#83

Chrysene

Concen: 40.160 ng

RT: 13.921 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

PB152410BSD

Tgt Ion:228 Resp: 139614

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

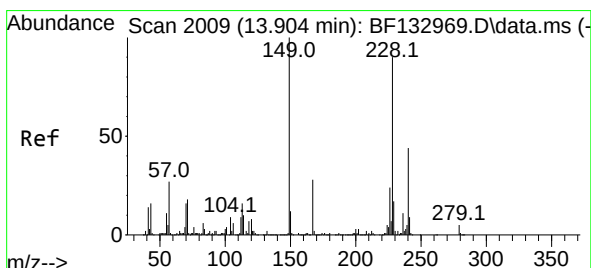
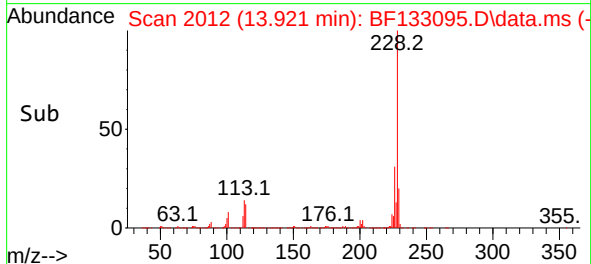
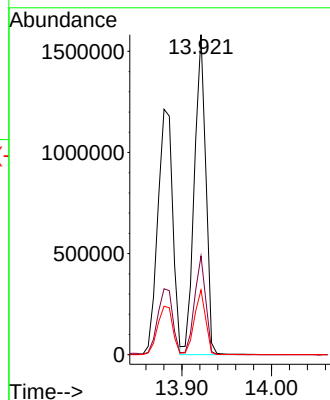
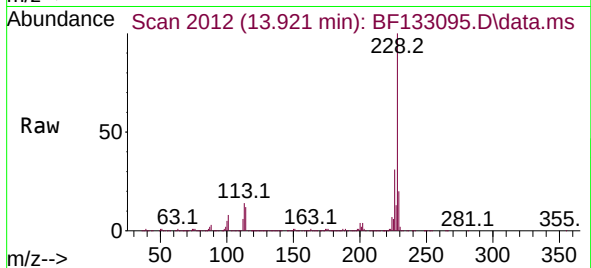
229 20.2 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.550 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

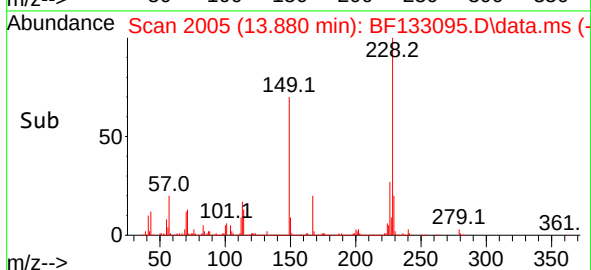
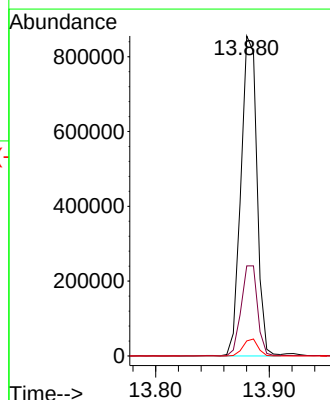
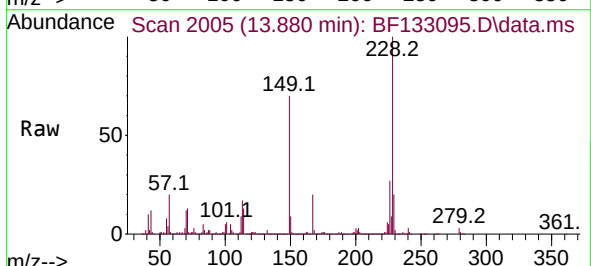
Tgt Ion:149 Resp: 838963

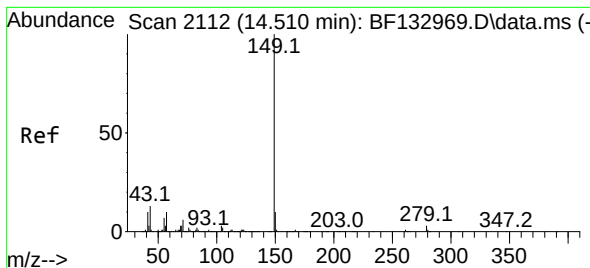
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 4.7 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 48.566 ng

RT: 14.492 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

PB152410BSD

Tgt Ion:149 Resp: 152554

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

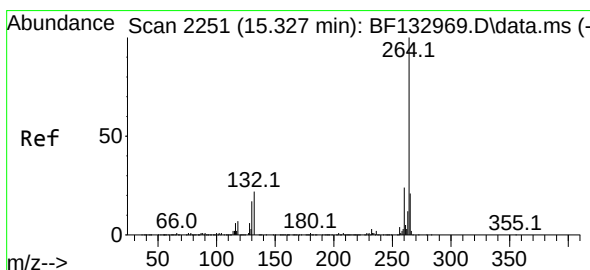
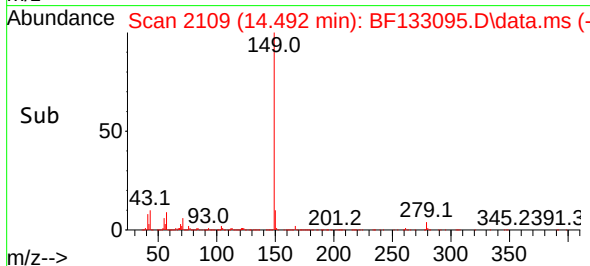
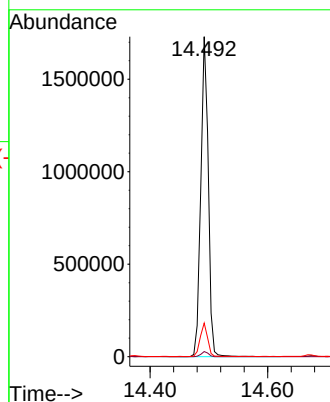
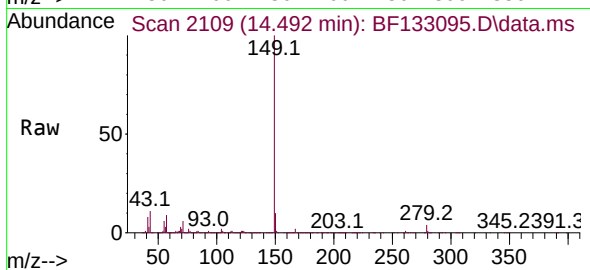
43 10.4 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.309 min Scan# 2248

Delta R.T. -0.006 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

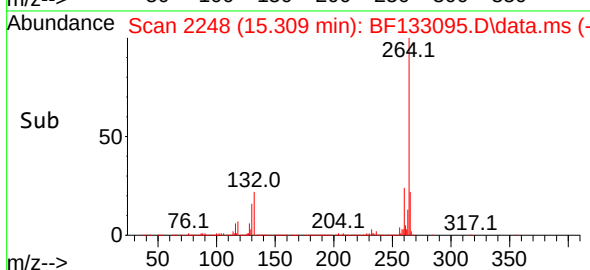
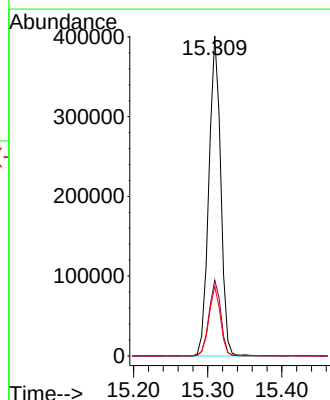
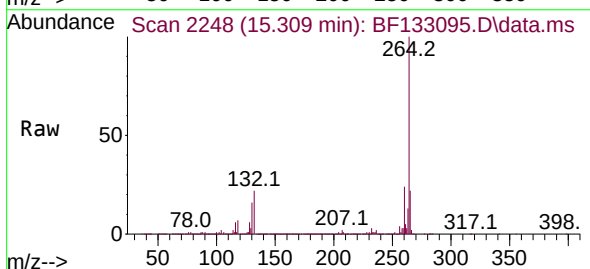
Tgt Ion:264 Resp: 444325

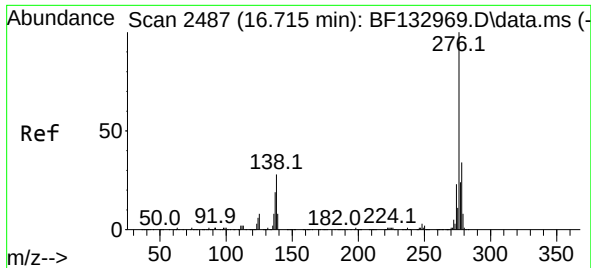
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

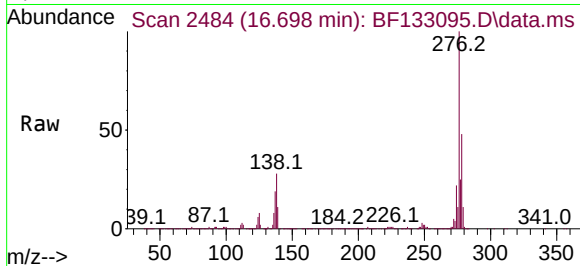
265 21.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.947 ng
RT: 16.698 min Scan# 2487
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

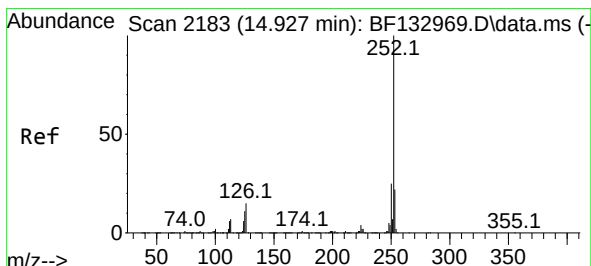
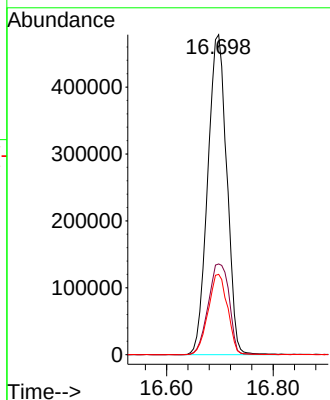
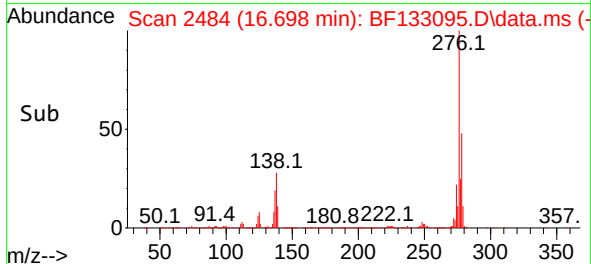
Instrument :
BNA_F
ClientSampleId :
PB152410BSD



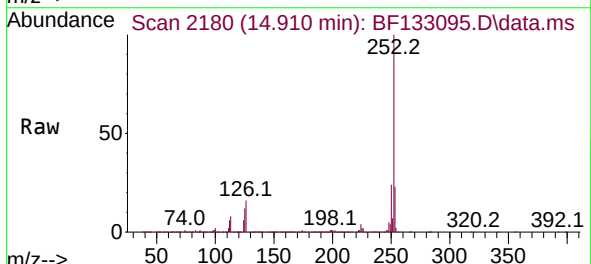
Tgt Ion:276 Resp: 1186539
Ion Ratio Lower Upper
276 100
138 31.2 25.5 38.3
277 25.6 20.4 30.6

Manual Integrations
APPROVED

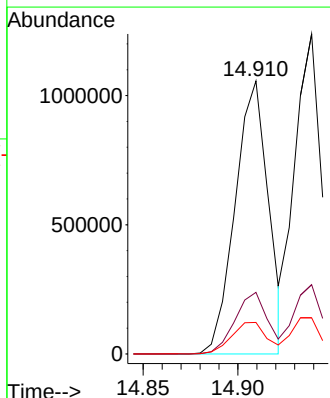
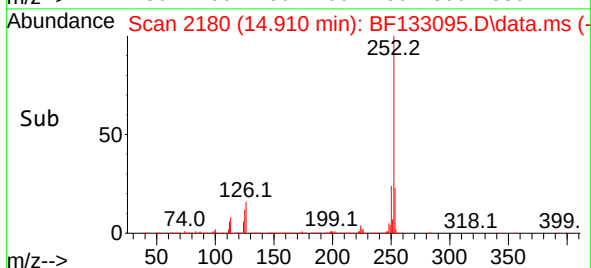
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

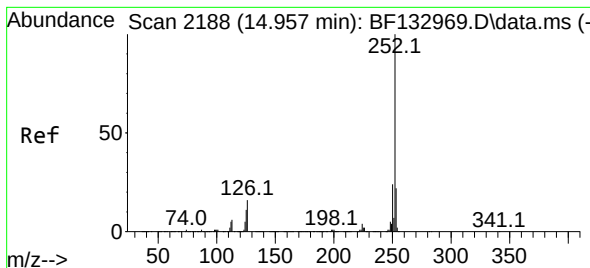


#88
Benzo(b)fluoranthene
Concen: 45.618 ng
RT: 14.910 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45



Tgt Ion:252 Resp: 1289502
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 11.6 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 43.360 ng

RT: 14.939 min Scan# 2185

Delta R.T. -0.000 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

PB152410BSD

Tgt Ion:252 Resp: 121500

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

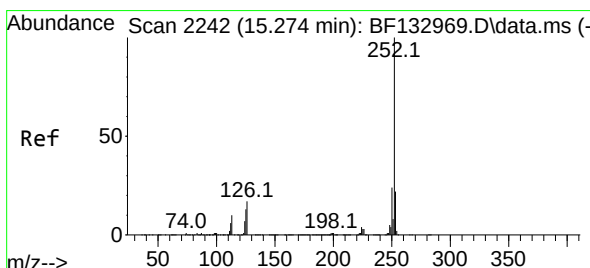
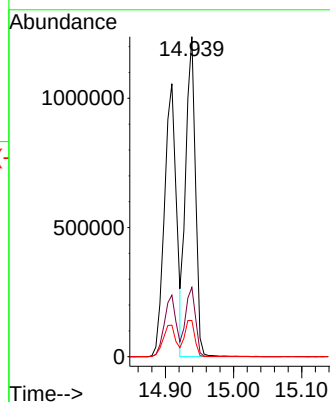
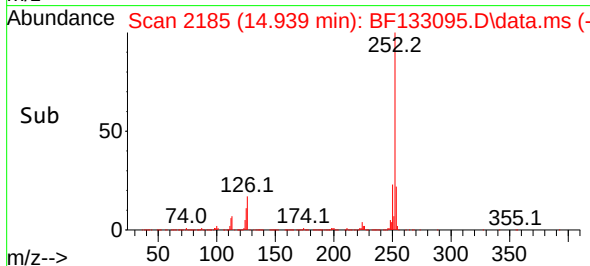
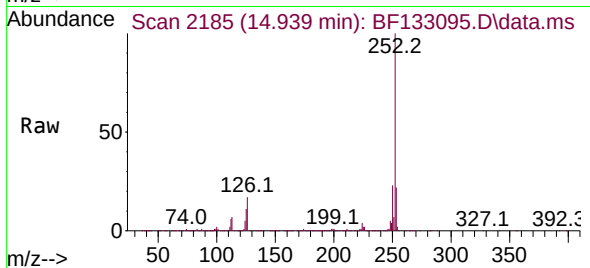
125 11.3 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#90

Benzo(a)pyrene

Concen: 40.621 ng

RT: 15.257 min Scan# 2239

Delta R.T. -0.000 min

Lab File: BF133095.D

Acq: 27 Apr 2023 12:45

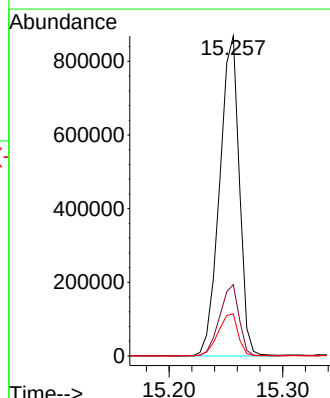
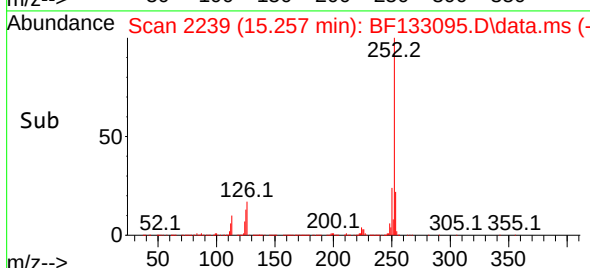
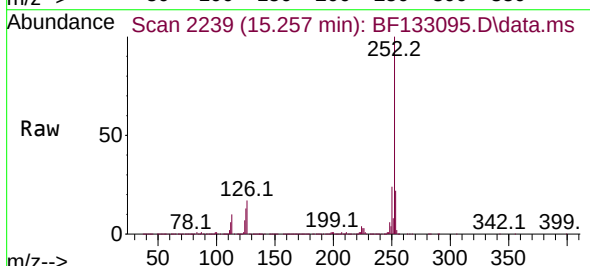
Tgt Ion:252 Resp: 1045135

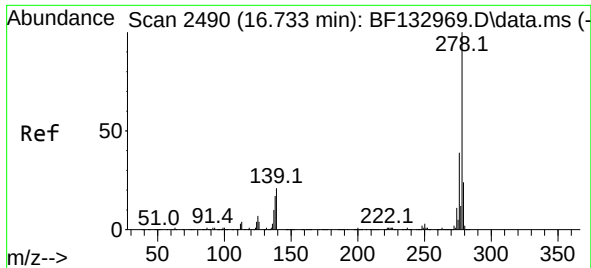
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 13.1 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 47.130 ng
RT: 16.715 min Scan# 2490
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Instrument :

BNA_F

ClientSampleId :

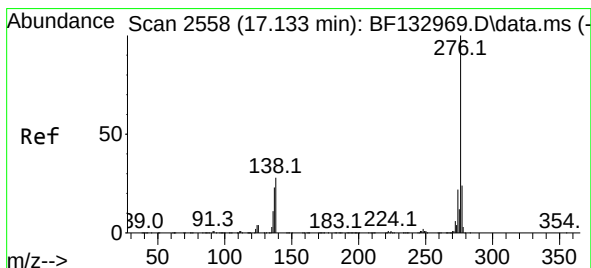
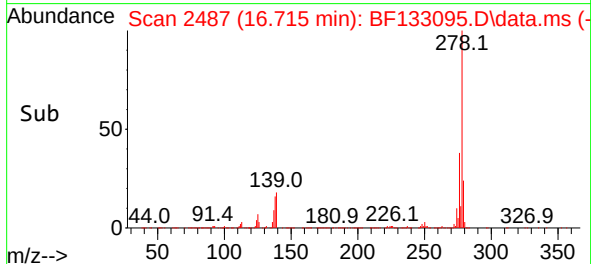
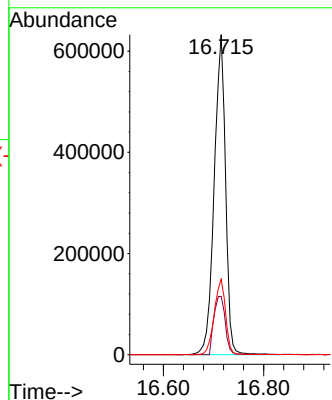
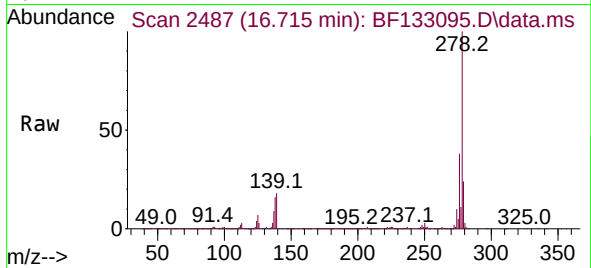
PB152410BSD

Tgt Ion:278 Resp: 993494
Ion Ratio Lower Upper
278 100
139 18.2 16.6 24.8
279 23.6 18.8 28.2

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 47.514 ng
RT: 17.115 min Scan# 2555
Delta R.T. -0.000 min
Lab File: BF133095.D
Acq: 27 Apr 2023 12:45

Tgt Ion:276 Resp: 988826
Ion Ratio Lower Upper
276 100
277 23.1 19.4 29.0
138 26.2 22.7 34.1

